

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004405.D
 Acq On : 07 Sep 2018 14:11
 Operator : JC/MD
 Sample : VX0907MBS01
 Misc : 5.0µl/10mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBS01

Quant Time: Sep 08 03:21:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	345831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	501072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	288974	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	206140	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
35) Dibromofluoromethane	5.50	113	178190	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.71	98	664282	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.14	95	255151	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60728	15.16	ug/l	100
3) Chloromethane	1.32	50	74445	17.01	ug/l	98
4) Vinyl Chloride	1.40	62	80707	17.81	ug/l	99
5) Bromomethane	1.64	94	41581	17.29	ug/l	100
6) Chloroethane	1.72	64	58361	17.47	ug/l	97
7) Trichlorofluoromethane	1.93	101	114884	18.50	ug/l	96
8) Diethyl Ether	2.19	74	53598	20.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	73757	18.96	ug/l	100
10) Methyl Iodide	2.51	142	61856	17.16	ug/l	97
11) Tert butyl alcohol	3.07	59	99666	103.73	ug/l	100
12) 1,1-Dichloroethene	2.37	96	67939	18.54	ug/l	97
13) Acrolein	2.29	56	17420	75.20	ug/l	94
14) Allyl chloride	2.73	41	135404	20.12	ug/l	95
15) Acrylonitrile	3.15	53	243016	102.13	ug/l	100
16) Acetone	2.44	43	196111	101.79	ug/l	100
17) Carbon Disulfide	2.57	76	163808	16.64	ug/l	99
18) Methyl Acetate	2.78	43	176601	26.40	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	245949	20.37	ug/l	98
20) Methylene Chloride	2.85	84	82225	18.95	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	73703	18.18	ug/l	100
22) Diisopropyl ether	3.87	45	253301	20.15	ug/l	94
23) Vinyl Acetate	3.82	43	947707	93.04	ug/l	99
24) 1,1-Dichloroethane	3.70	63	146151	19.95	ug/l	99
25) 2-Butanone	4.70	43	308949	100.59	ug/l	98
26) 2,2-Dichloropropane	4.58	77	109332	19.03	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	87227	18.96	ug/l	100
28) Bromochloromethane	5.01	49	66371	20.47	ug/l	99
29) Tetrahydrofuran	5.15	42	196434	101.43	ug/l	99
30) Chloroform	5.21	83	144386	19.66	ug/l	96
31) Cyclohexane	5.57	56	114539	18.12	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	117672	19.22	ug/l	99
36) 1,1-Dichloropropene	5.80	75	102205	18.14	ug/l	99
37) Ethyl Acetate	4.85	43	109385	19.74	ug/l	99
38) Carbon Tetrachloride	5.77	117	99002	18.68	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004405.D
 Acq On : 07 Sep 2018 14:11
 Operator : JC/MD
 Sample : VX0907MBS01
 Misc : 5.0µl/10mL/100µl/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBS01

Quant Time: Sep 08 03:21:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	118026	18.35	ug/l	98
40) Benzene	6.14	78	325835	19.36	ug/l	100
41) Methacrylonitrile	5.06	41	64934	20.22	ug/l	99
42) 1,2-Dichloroethane	6.20	62	109431	19.06	ug/l	98
43) Isopropyl Acetate	6.46	43	170335	20.01	ug/l	99
44) Trichloroethene	7.21	130	89262	19.16	ug/l	99
45) 1,2-Dichloropropane	7.52	63	84986	20.17	ug/l	99
46) Dibromomethane	7.66	93	53915	19.22	ug/l	99
47) Bromodichloromethane	7.90	83	102579	19.65	ug/l	99
48) Methyl methacrylate	7.77	41	90761	19.92	ug/l	98
49) 1,4-Dioxane	7.76	88	42673	412.61	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	596338	96.41	ug/l	100
52) Toluene	8.79	92	207699	19.71	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	111770	19.39	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	126340	20.12	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	86677	20.38	ug/l	97
56) Ethyl methacrylate	9.18	69	118232	20.42	ug/l	97
57) 1,3-Dichloropropane	9.37	76	144480	20.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	314858	106.13	ug/l	99
59) 2-Hexanone	9.50	43	454090	96.23	ug/l	100
60) Dibromochloromethane	9.59	129	81044	19.56	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86417	19.63	ug/l	100
64) Tetrachloroethene	9.34	164	96541	23.20	ug/l	99
65) Chlorobenzene	10.14	112	213405	20.19	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	72106	19.78	ug/l	95
67) Ethyl Benzene	10.26	91	339407	19.77	ug/l	98
68) m/p-Xylenes	10.36	106	292883	43.63	ug/l	93
69) o-Xylene	10.70	106	130980	20.63	ug/l	95
70) Styrene	10.71	104	230873	22.46	ug/l	99
71) Bromoform	10.86	173	61523	20.93	ug/l #	100
73) Isopropylbenzene	11.02	105	389947	20.55	ug/l	99
74) N-amyl acetate	10.90	43	139277	19.06	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	127939	19.26	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	144645	24.61	ug/l	88
77) Bromobenzene	11.26	156	105751	19.86	ug/l	99
78) n-propylbenzene	11.36	91	445349	20.40	ug/l	100
79) 2-Chlorotoluene	11.42	91	268335	19.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	323776	20.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	35216	19.44	ug/l	99
82) 4-Chlorotoluene	11.51	91	312735	19.78	ug/l	100
83) tert-Butylbenzene	11.77	119	317795	20.10	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	335463	20.79	ug/l	100
85) sec-Butylbenzene	11.94	105	398536	21.23	ug/l	99
86) p-Isopropyltoluene	12.07	119	356055	21.16	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	191892	19.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	197422	18.68	ug/l	99
89) n-Butylbenzene	12.39	91	270982	19.81	ug/l	99
90) Hexachloroethane	12.60	117	46502	19.77	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	180816	19.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21894	18.72	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
Data File : VX004405.D
Acq On : 07 Sep 2018 14:11
Operator : JC/MD
Sample : VX0907MBS01
Misc : 5.0µl/10mL/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0907MBS01

Quant Time: Sep 08 03:21:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

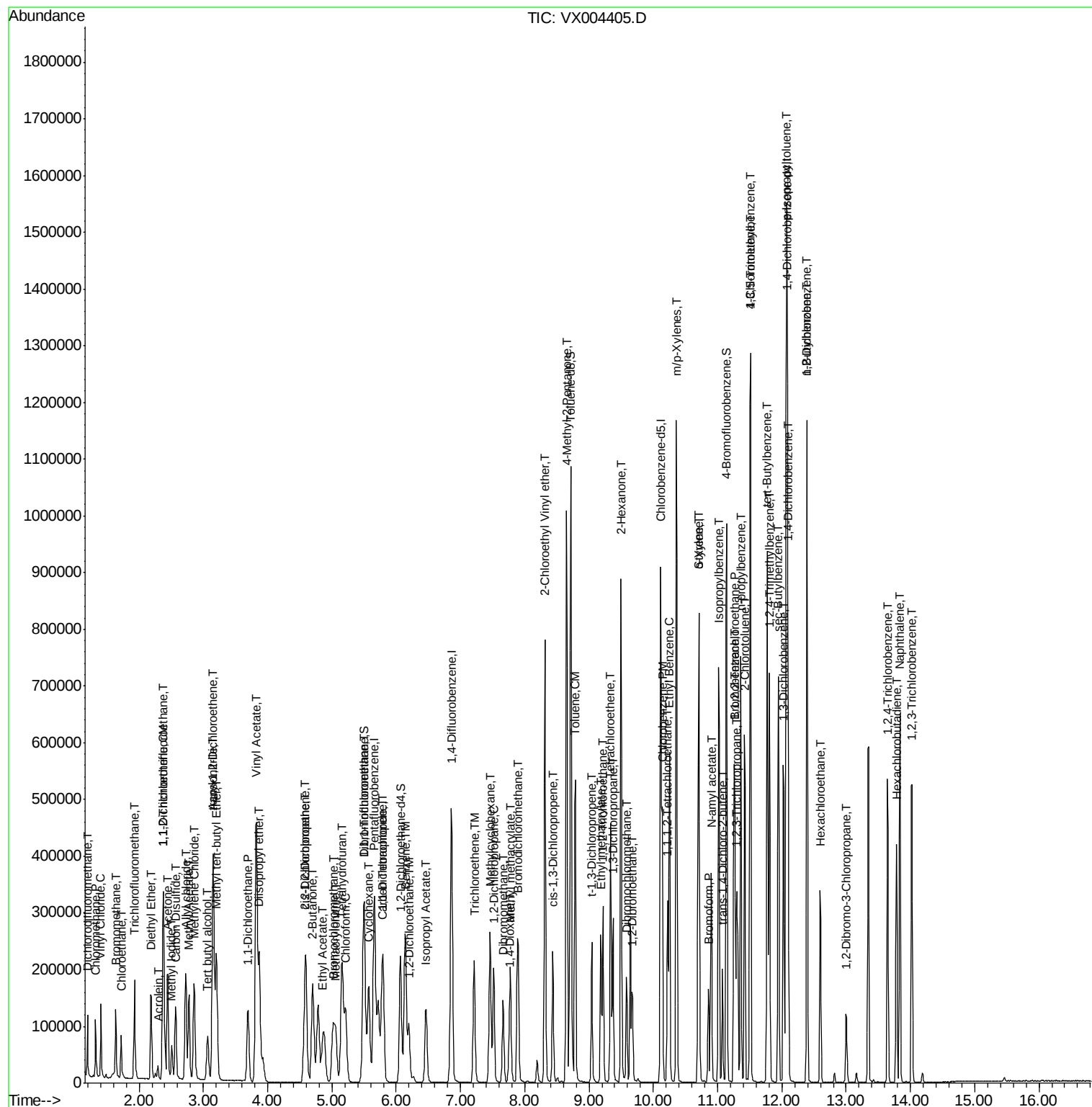
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137149	20.58	ug/l	99
94) Hexachlorobutadiene	13.79	225	70175	22.55	ug/l	97
95) Naphthalene	13.83	128	405369	21.50	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145460	20.61	ug/l	99

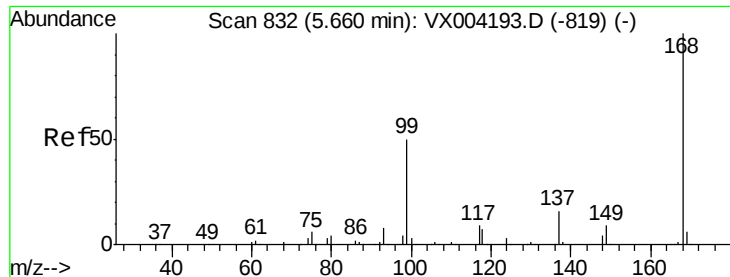
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004405.D
 Acq On : 07 Sep 2018 14:11
 Operator : JC/MD
 Sample : VX0907MBS01
 Misc : 5.0µl/10mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0907MBS01

Quant Time: Sep 08 03:21:02 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

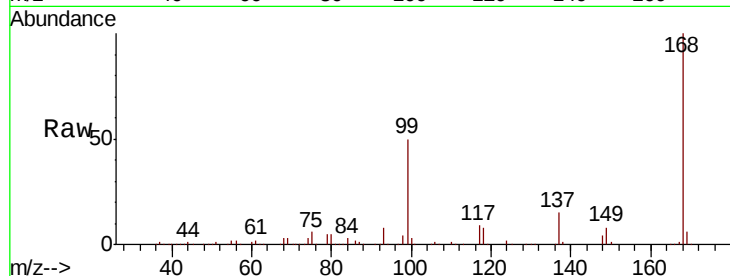
VX0907MBS01

Tot Ion:168 Resp: 345831

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

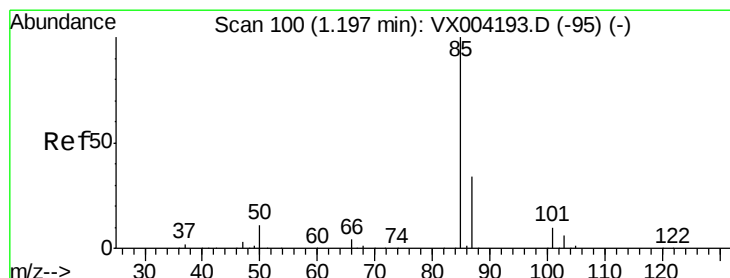
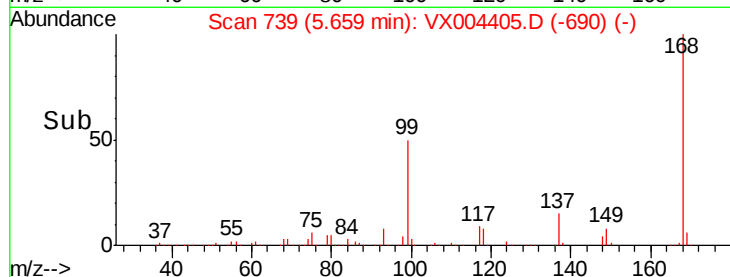
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.16 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004405.D

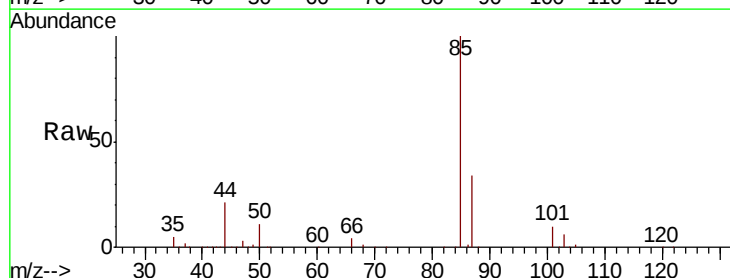
Acq: 07 Sep 2018 14:11

Tgt Ion: 85 Resp: 60728

Ion Ratio Lower Upper

85 100

87 34.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

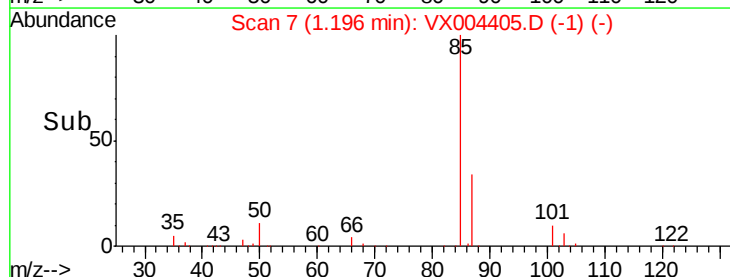
60000

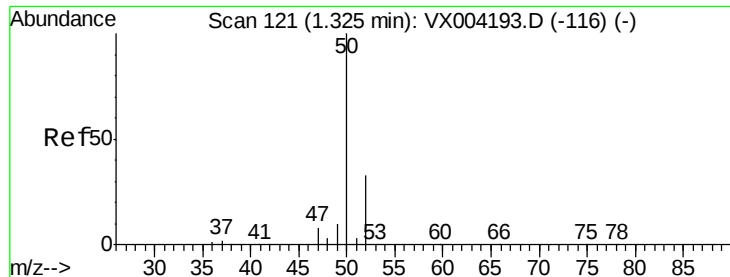
40000

20000

0

Time-->





#3

Chloromethane

Concen: 17.01 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

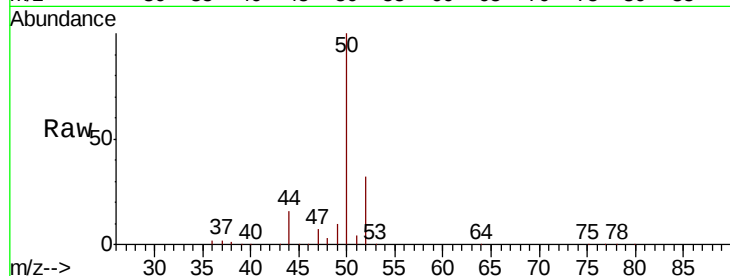
VX0907MBS01

Tot Ion: 50 Resp: 74445

Ion Ratio Lower Upper

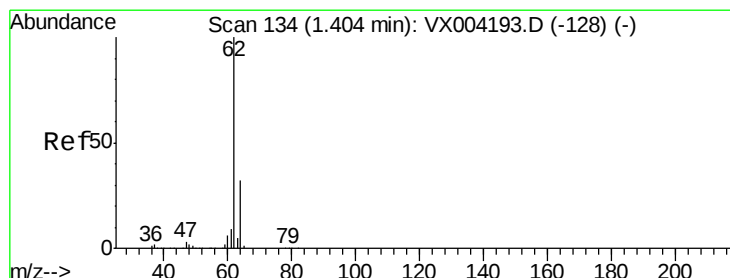
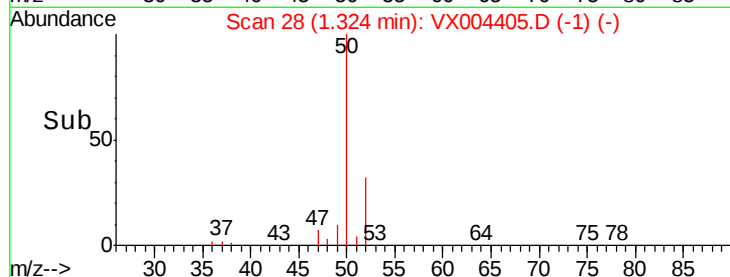
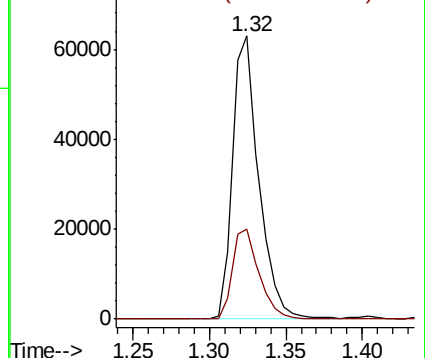
50 100

52 31.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.81 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004405.D

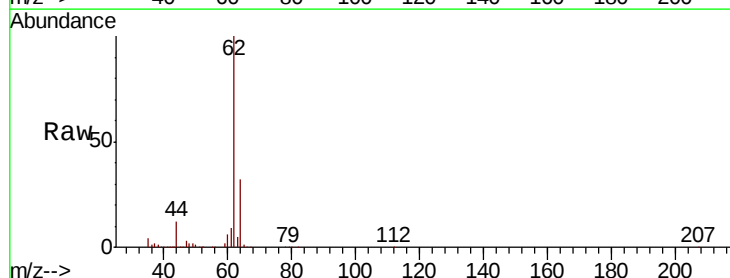
Acq: 07 Sep 2018 14:11

Tgt Ion: 62 Resp: 80707

Ion Ratio Lower Upper

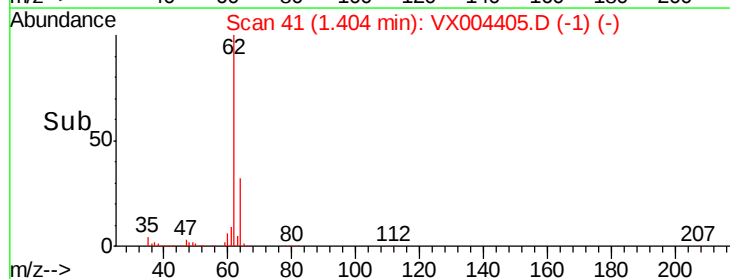
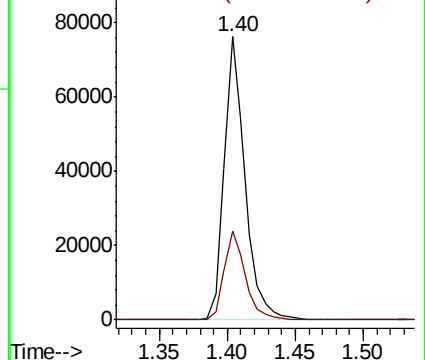
62 100

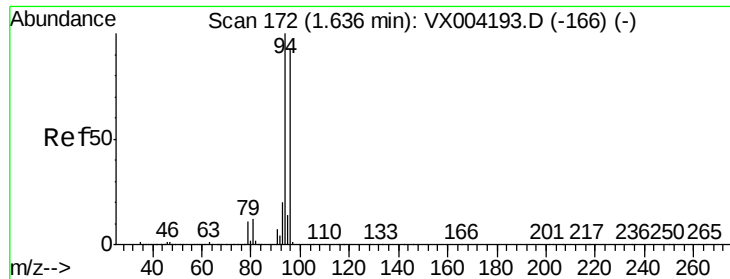
64 31.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.29 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

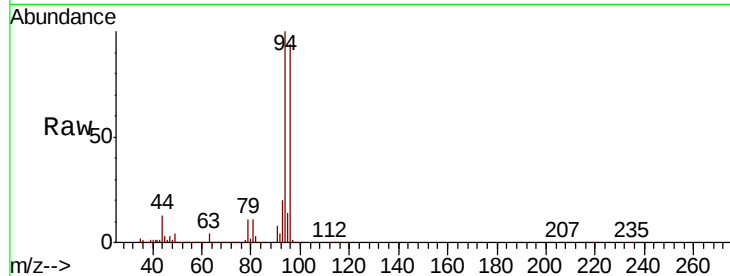
VX0907MBS01

Tot Ion: 94 Resp: 41581

Ion Ratio Lower Upper

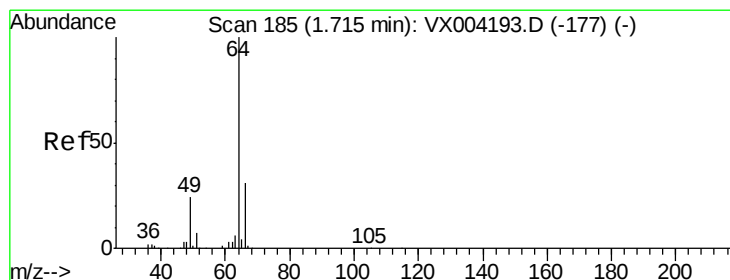
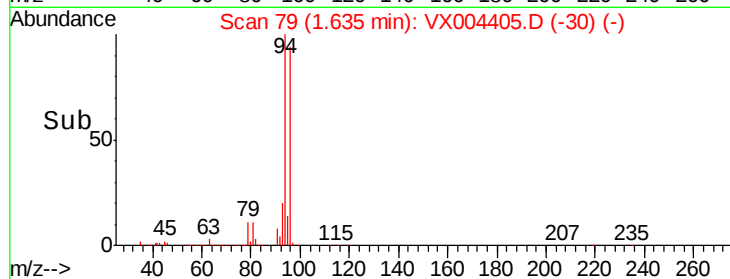
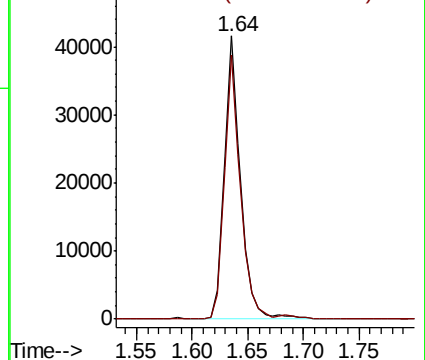
94 100

96 93.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.47 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004405.D

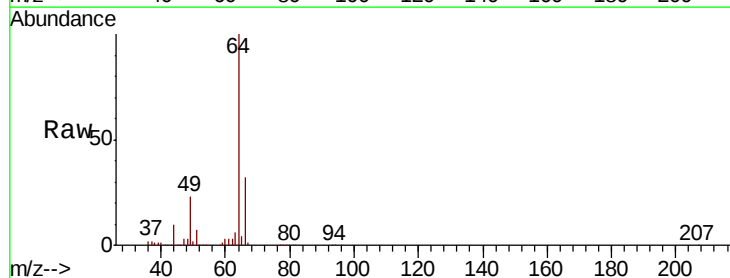
Acq: 07 Sep 2018 14:11

Tgt Ion: 64 Resp: 58361

Ion Ratio Lower Upper

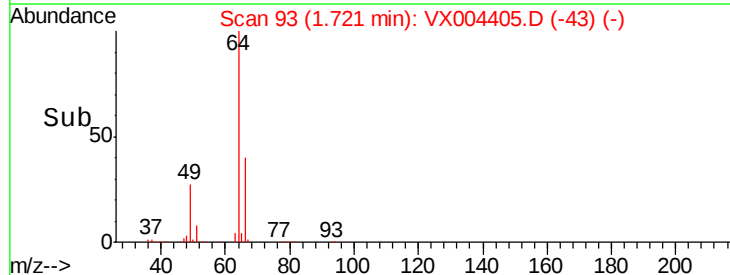
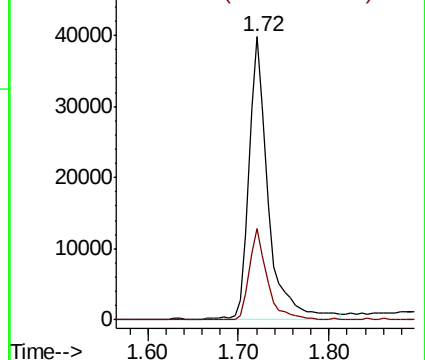
64 100

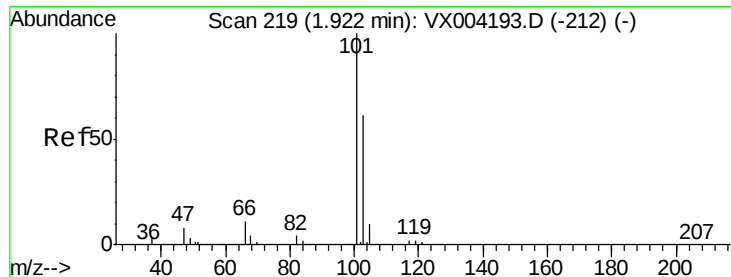
66 32.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 18.50 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

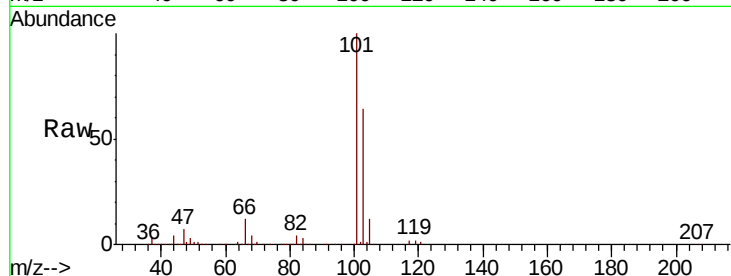
VX0907MBS01

Tot Ion:101 Resp: 114884

Ion Ratio Lower Upper

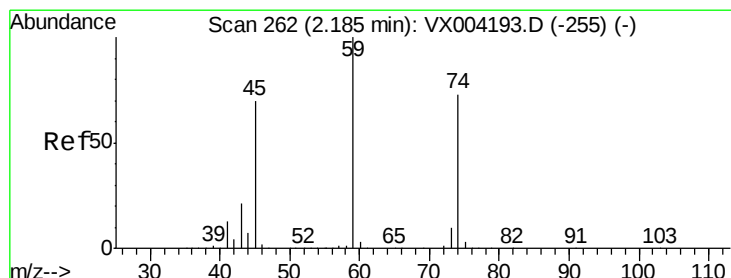
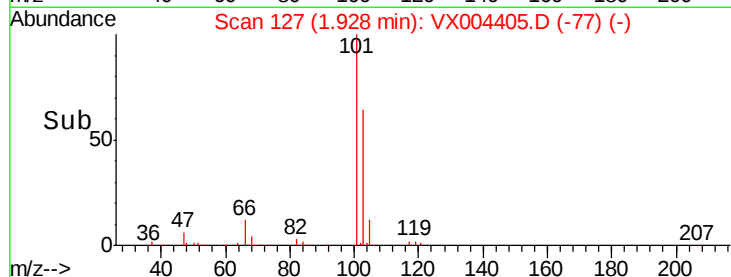
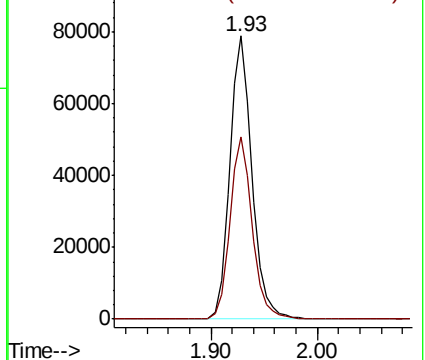
101 100

103 64.2 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.16 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX004405.D

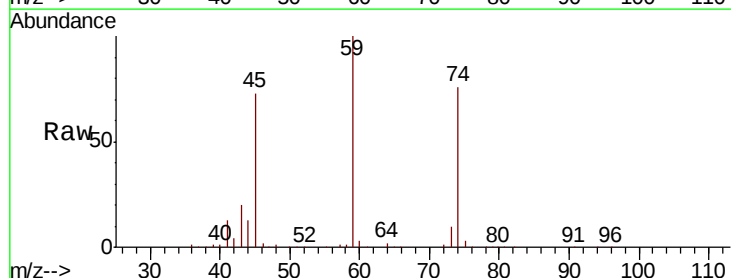
Acq: 07 Sep 2018 14:11

Tgt Ion: 74 Resp: 53598

Ion Ratio Lower Upper

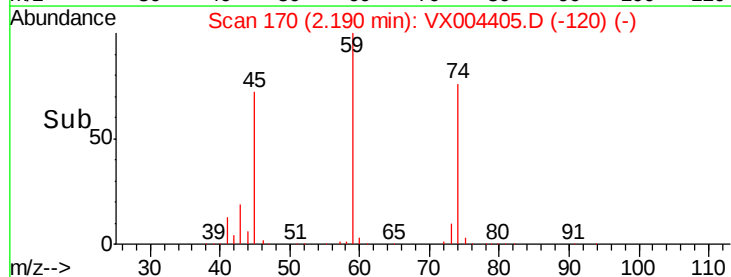
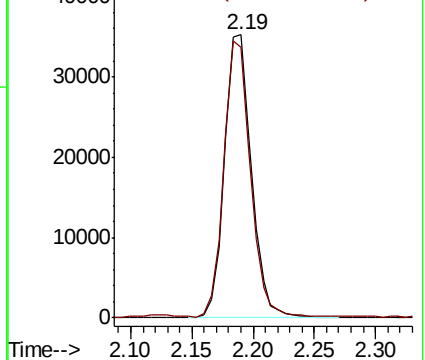
74 100

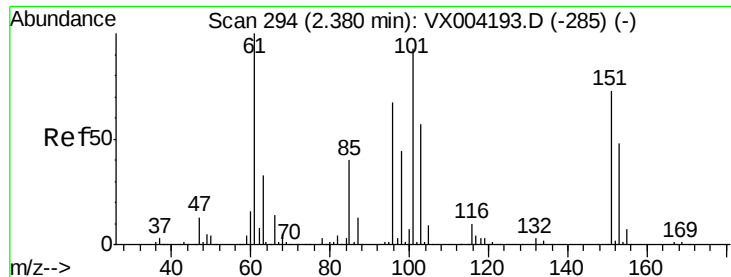
45 95.9 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.96 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

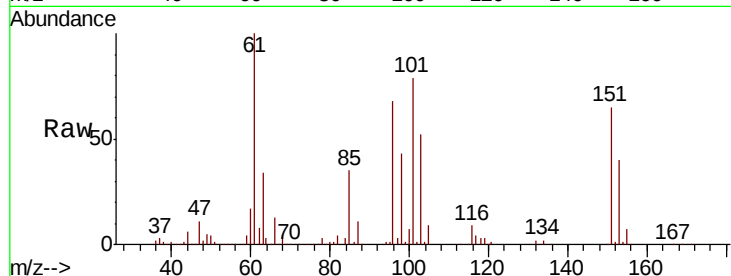
Tot Ion:101 Resp: 73757

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

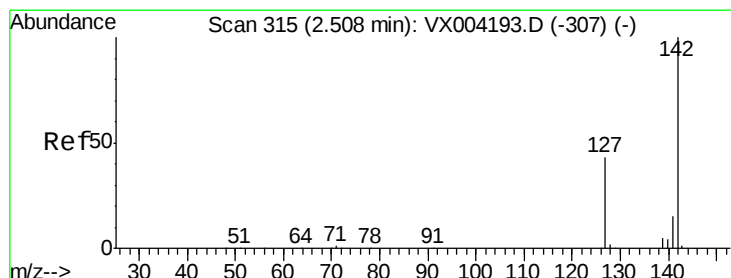
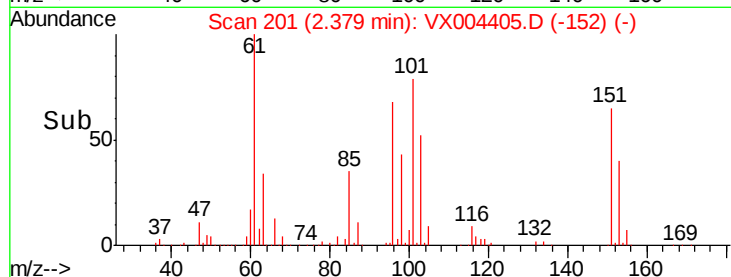
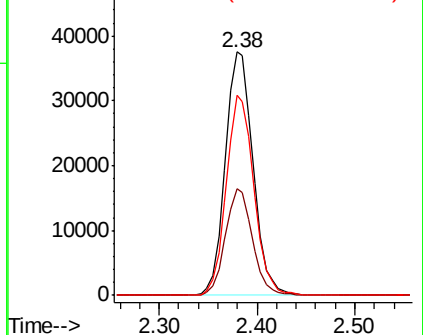
151 81.8 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.16 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

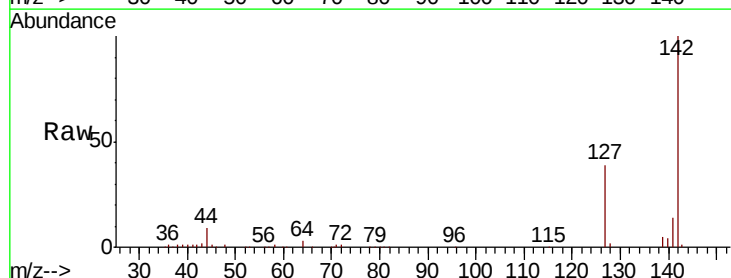
Tgt Ion:142 Resp: 61856

Ion Ratio Lower Upper

142 100

127 40.0 33.8 50.6

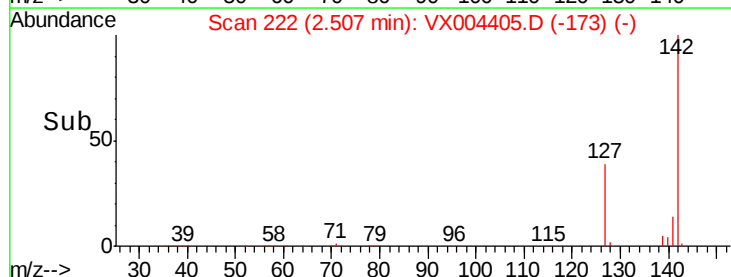
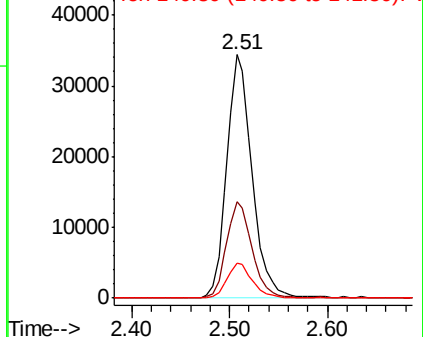
141 14.2 11.4 17.0

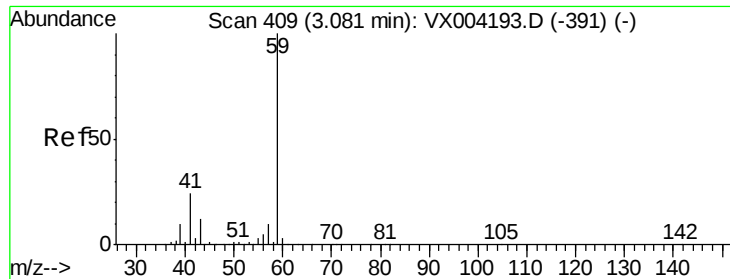


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

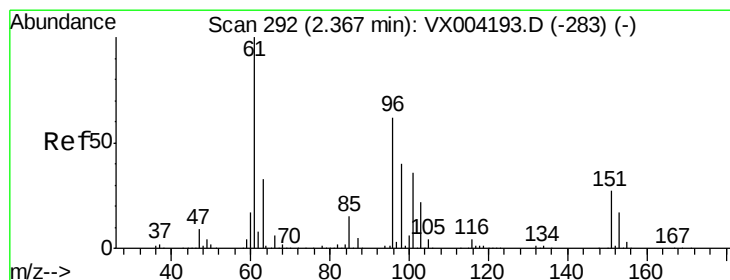
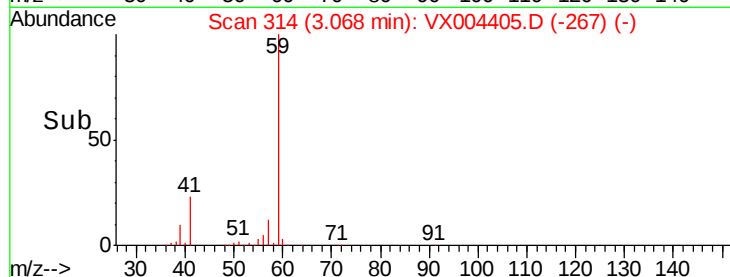
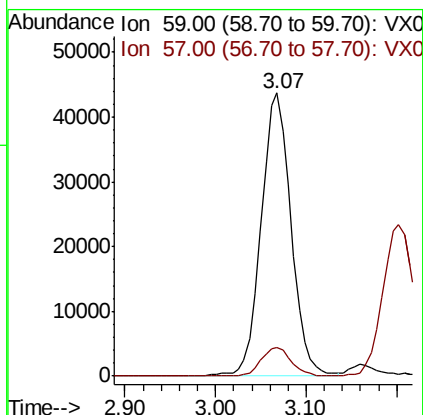
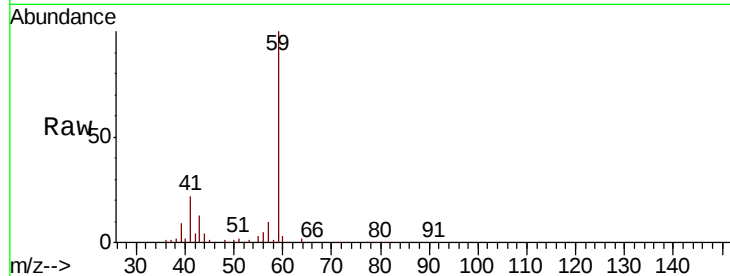




#11
Tert butyl alcohol
Concen: 103.73 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

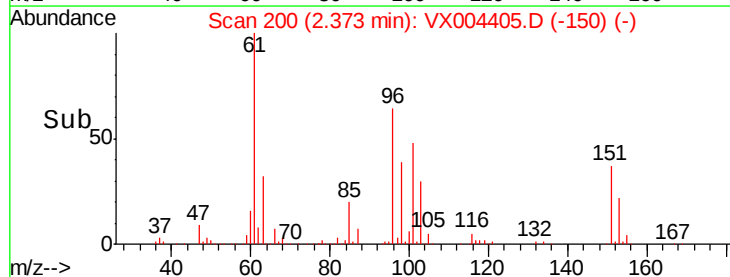
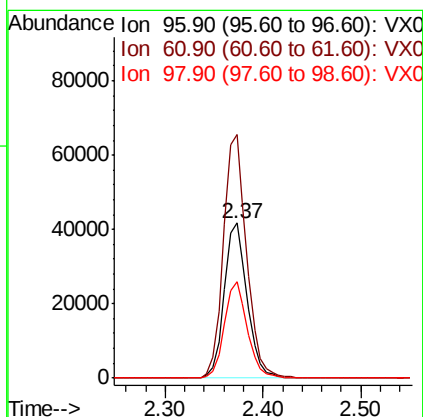
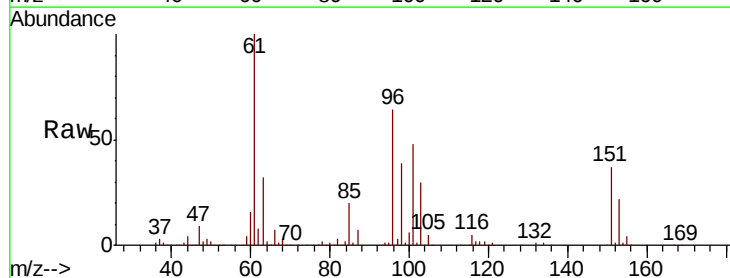
Instrument :
MSVOA_X
ClientSampleId :
VX0907MBS01

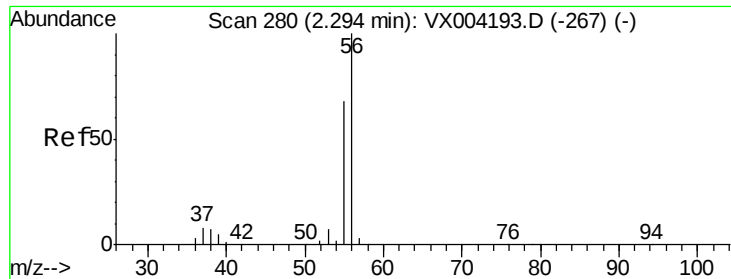
Tot Ion: 59 Resp: 99666
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.54 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion: 96 Resp: 67939
Ion Ratio Lower Upper
96 100
61 157.0 128.8 193.2
98 61.9 52.2 78.2





#13

Acrolein

Concen: 75.20 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

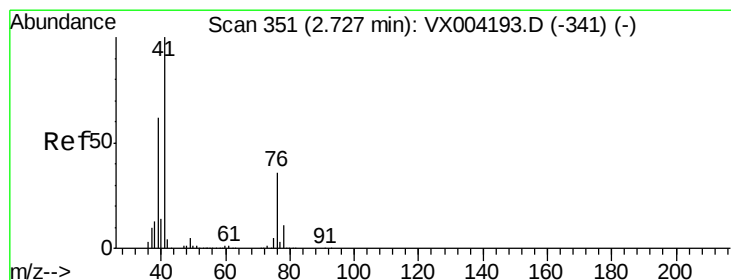
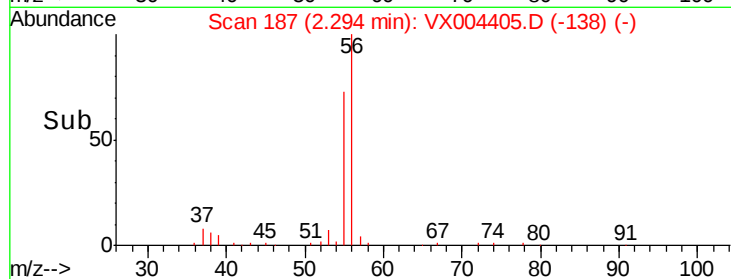
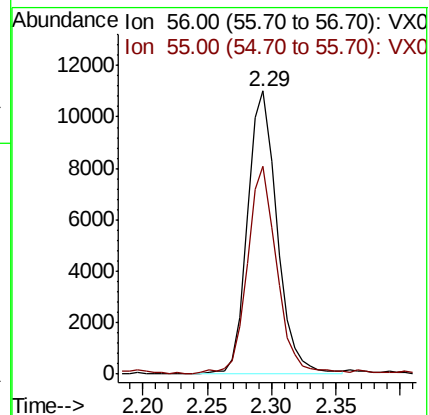
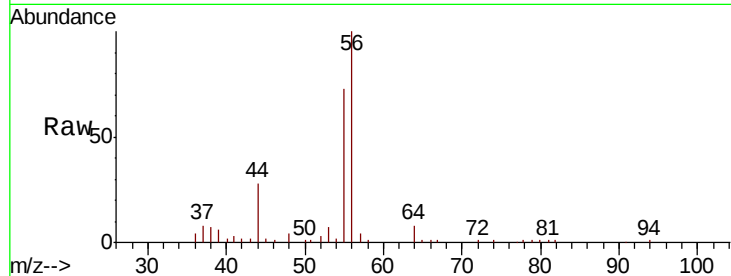
VX0907MBS01

Tot Ion: 56 Resp: 17420

Ion Ratio Lower Upper

56 100

55 73.5 54.7 82.1



#14

Allyl chloride

Concen: 20.12 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

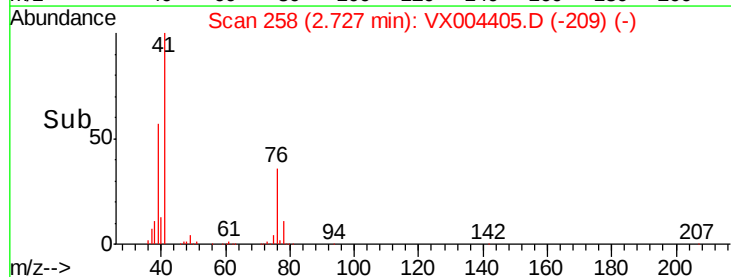
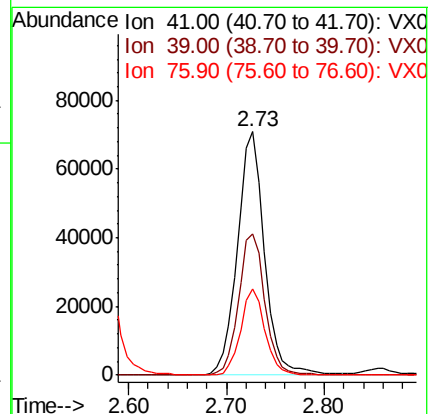
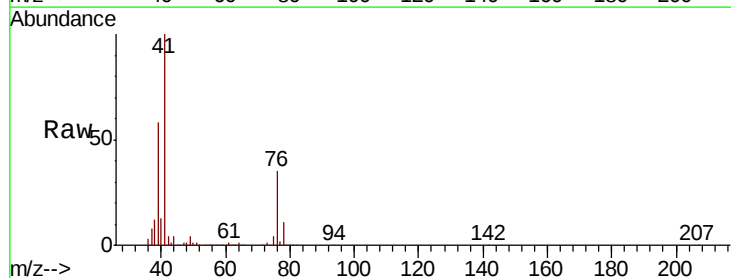
Tgt Ion: 41 Resp: 135404

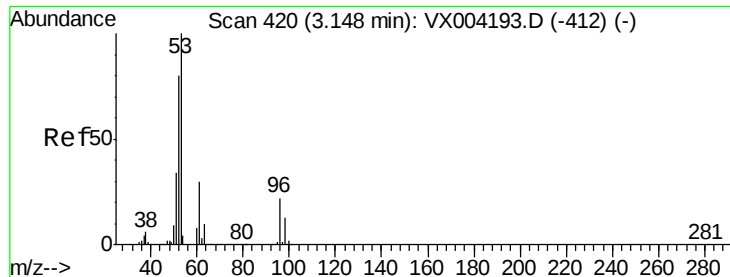
Ion Ratio Lower Upper

41 100

39 56.5 48.9 73.3

76 31.8 26.7 40.1





#15

Acrylonitrile

Concen: 102.13 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

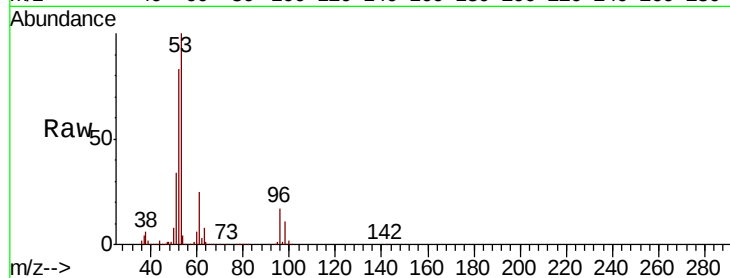
Tot Ion: 53 Resp: 243016

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

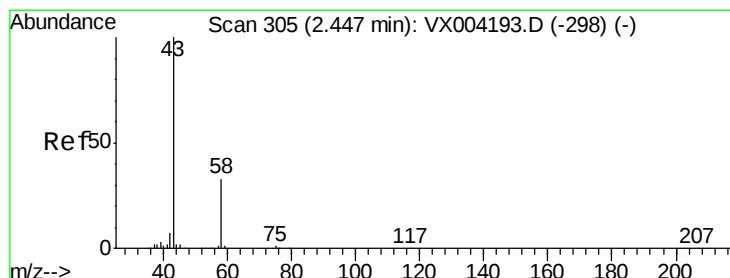
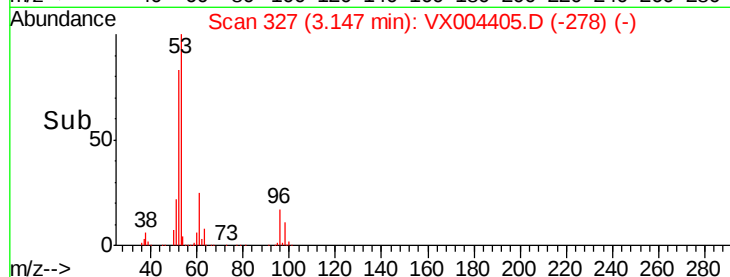
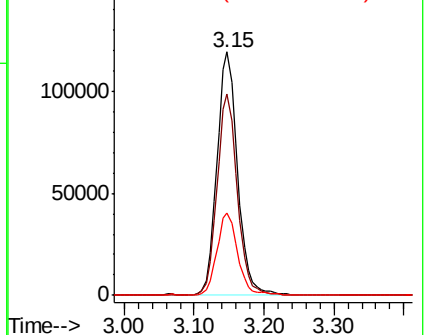
51 34.5 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 101.79 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004405.D

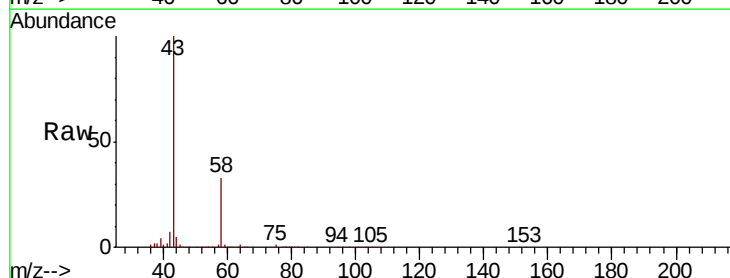
Acq: 07 Sep 2018 14:11

Tgt Ion: 43 Resp: 196111

Ion Ratio Lower Upper

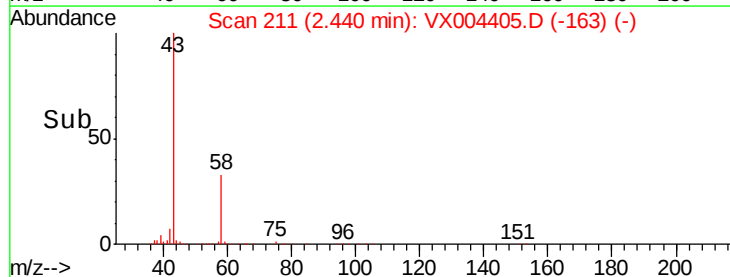
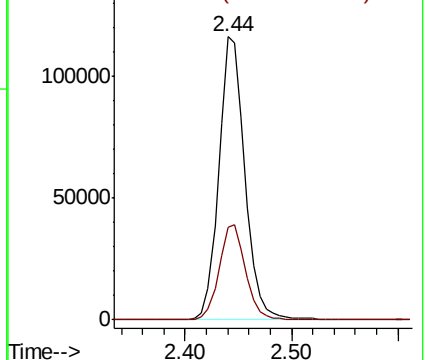
43 100

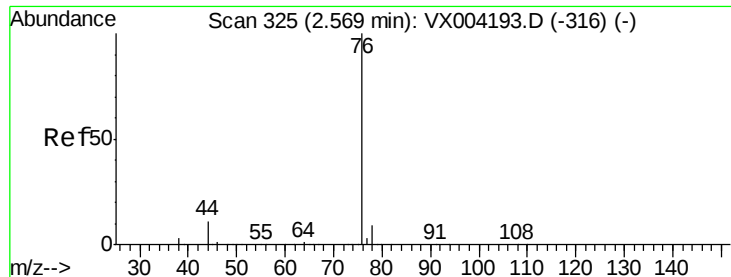
58 32.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

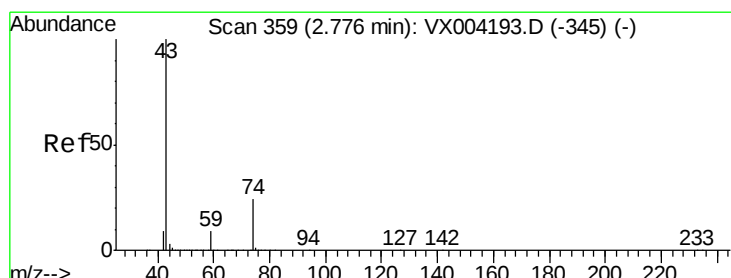
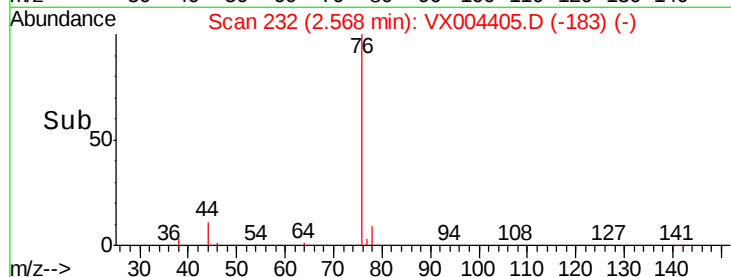
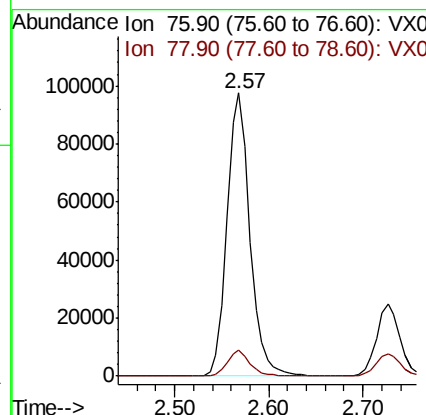
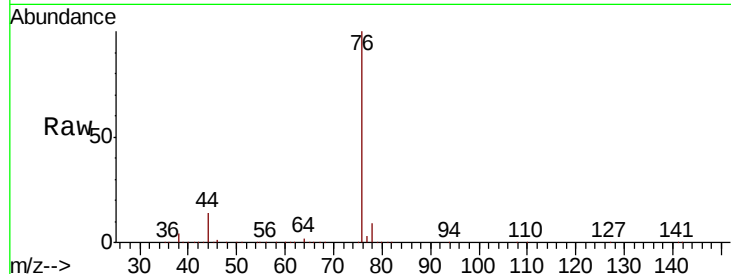




#17
Carbon Disulfide
Concen: 16.64 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

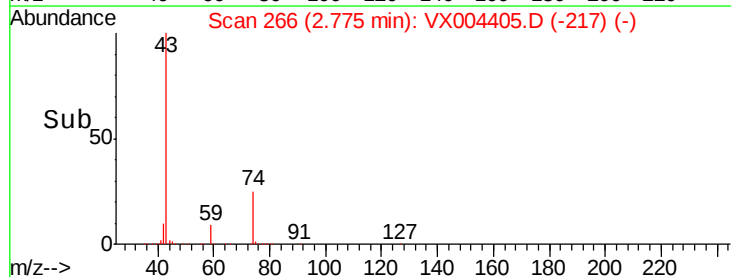
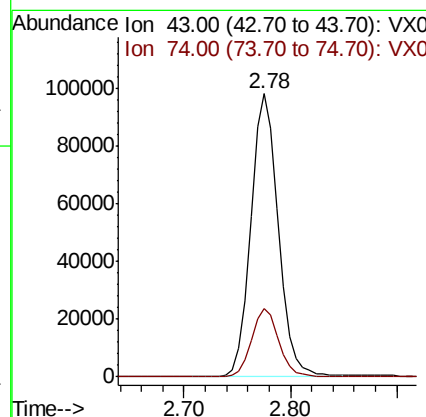
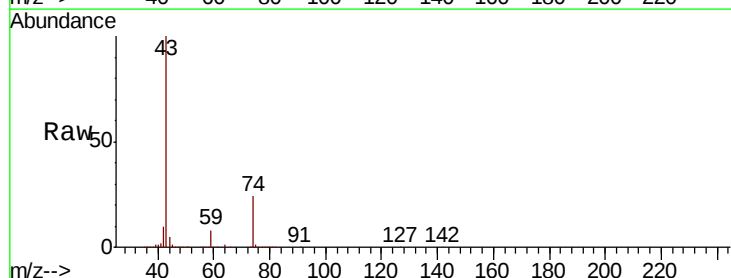
Instrument :
MSVOA_X
ClientSampleId :
VX0907MBS01

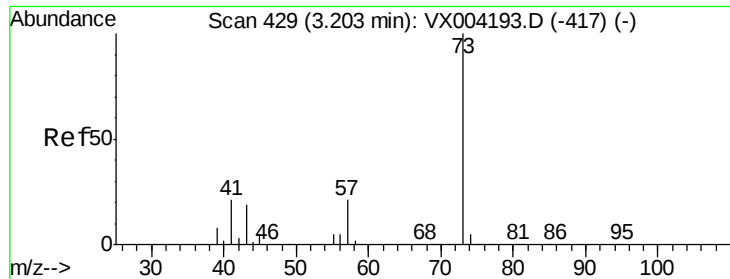
Tot Ion: 76 Resp: 163808
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 26.40 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion: 43 Resp: 176601
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2

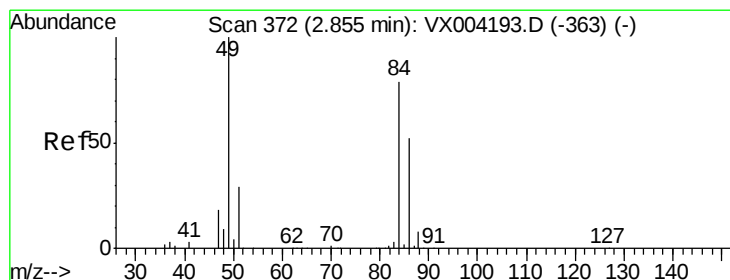
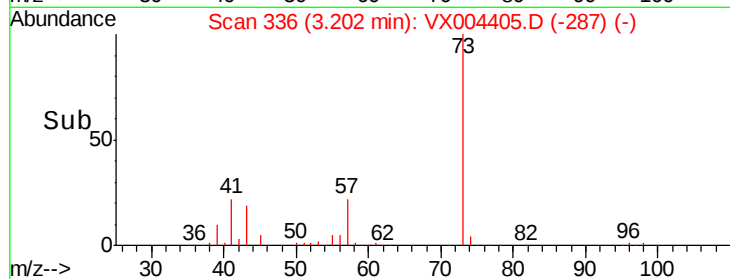
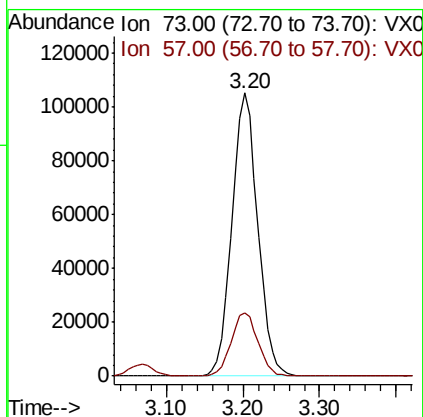
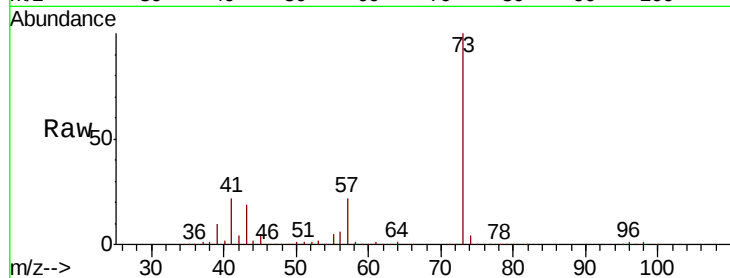




#19
Methvl tert-butvl Ether
Concen: 20.37 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

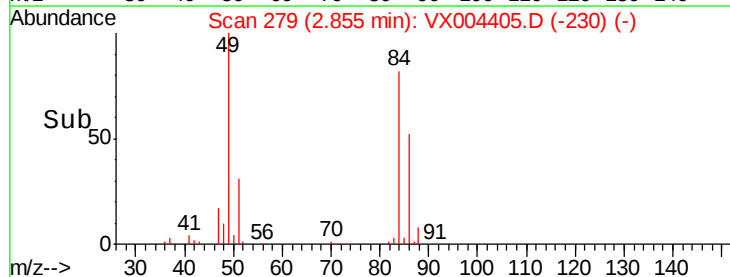
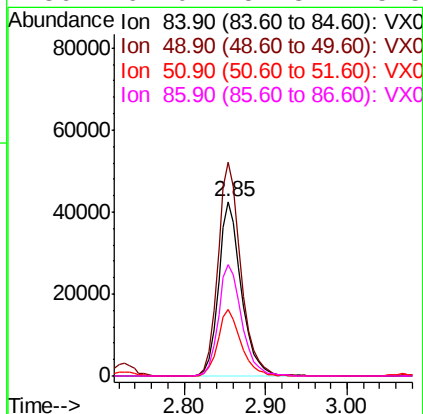
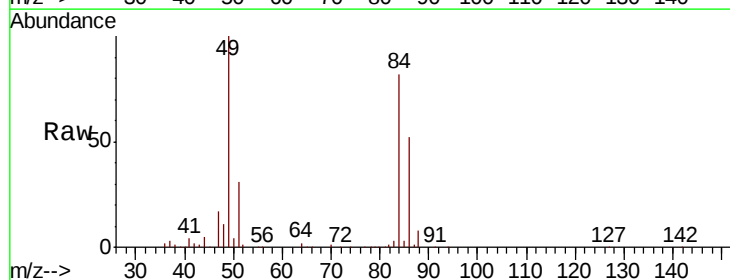
Instrument :
MSVOA_X
ClientSampleId :
VX0907MBS01

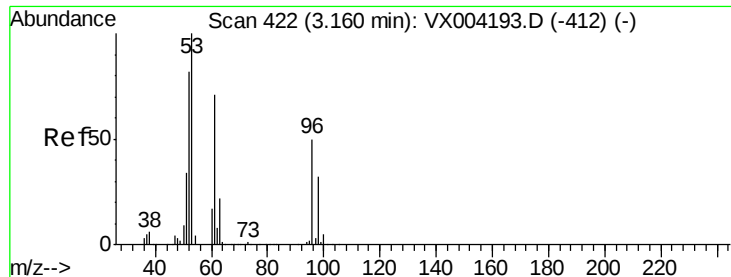
Tot Ion: 73 Resp: 245949
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 18.95 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion: 84 Resp: 82225
Ion Ratio Lower Upper
84 100
49 122.5 101.2 151.8
51 38.1 29.5 44.3
86 64.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.18 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

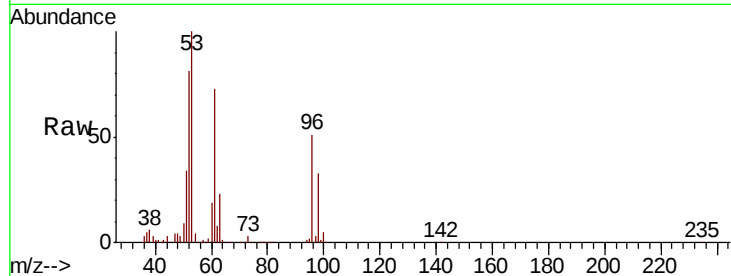
Tot Ion: 96 Resp: 73703

Ion Ratio Lower Upper

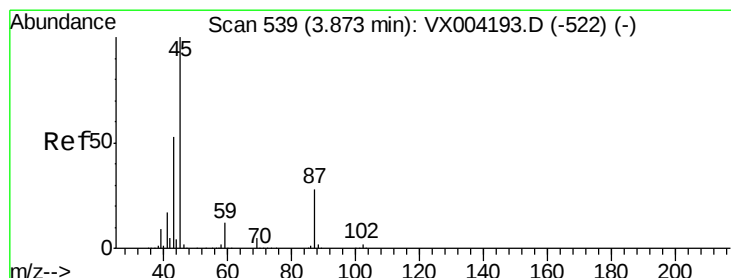
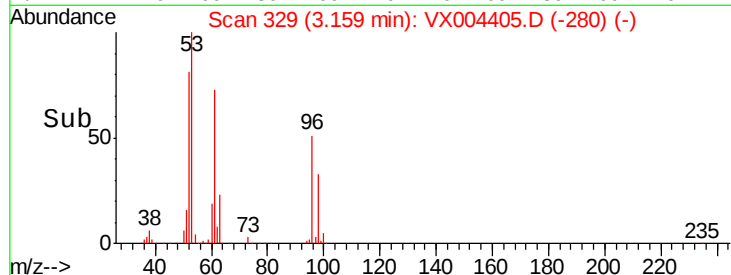
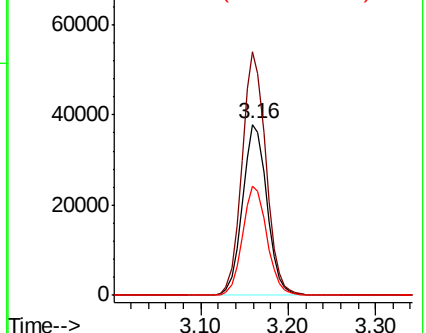
96 100

61 142.0 113.8 170.6

98 63.8 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.15 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Tgt Ion: 45 Resp: 253301

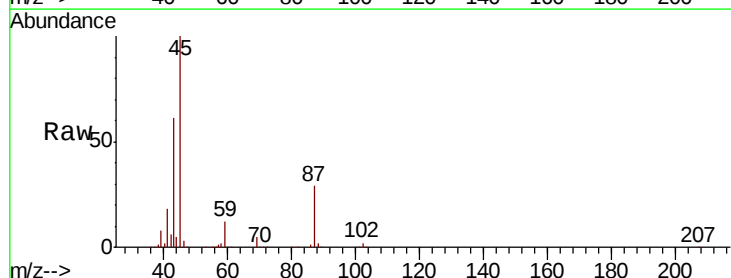
Ion Ratio Lower Upper

45 100

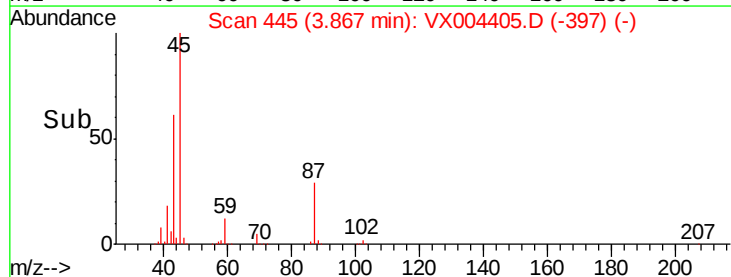
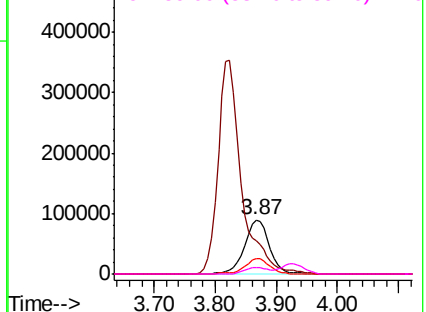
43 61.1 42.8 64.2

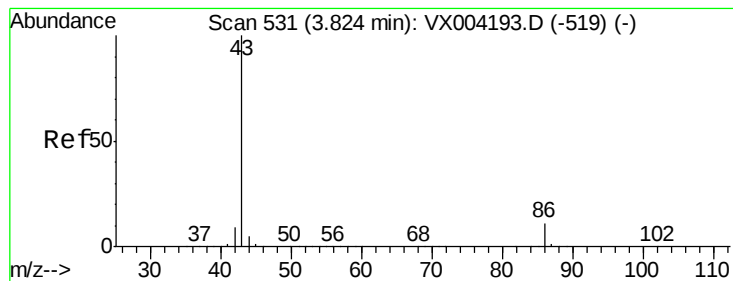
87 28.7 22.6 34.0

59 12.4 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 93.04 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

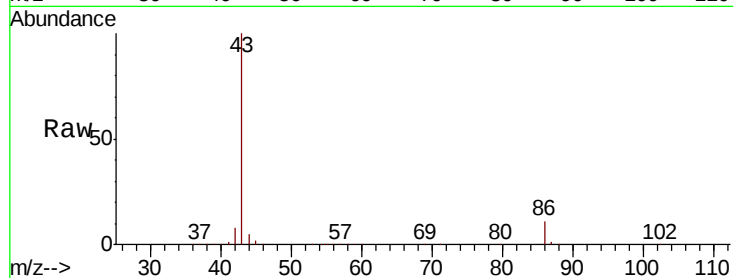
VX0907MBS01

Tot Ion: 43 Resp: 947707

Ion Ratio Lower Upper

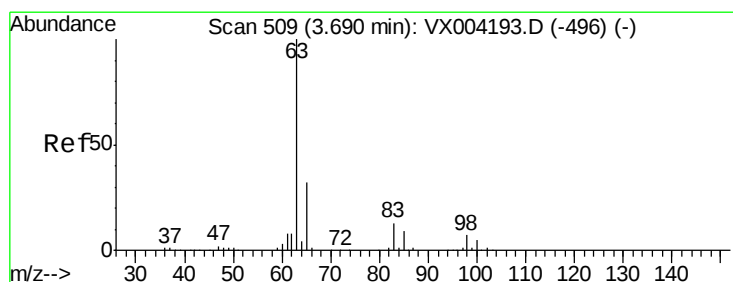
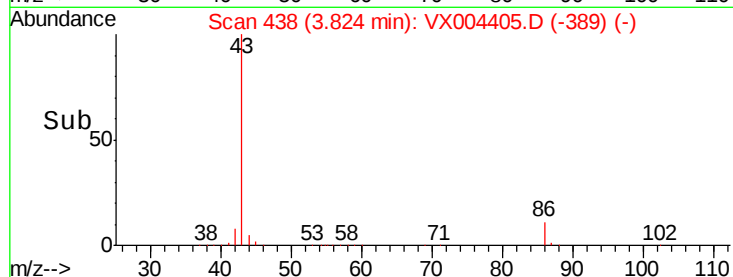
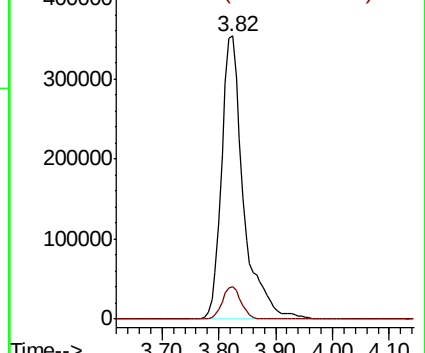
43 100

86 11.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.95 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

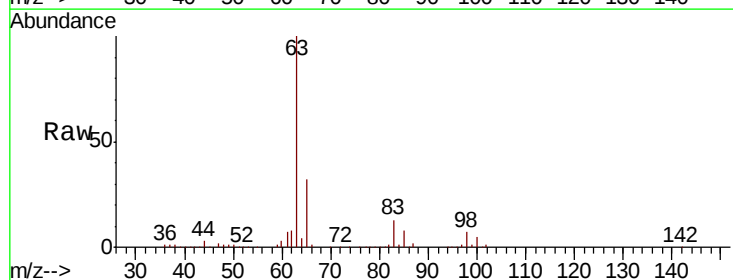
Tgt Ion: 63 Resp: 146151

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

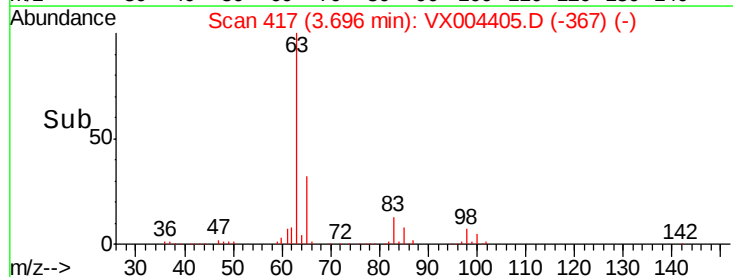
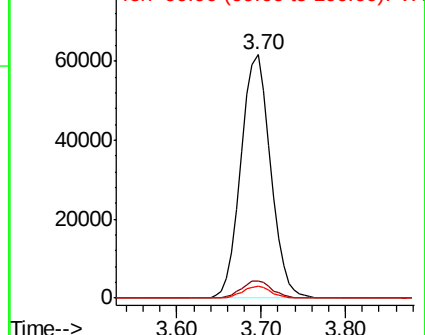
100 4.6 2.4 7.1

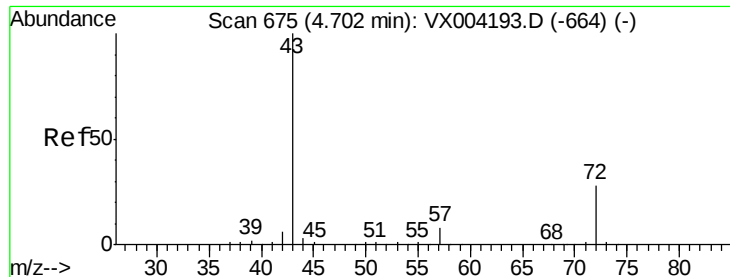


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.59 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

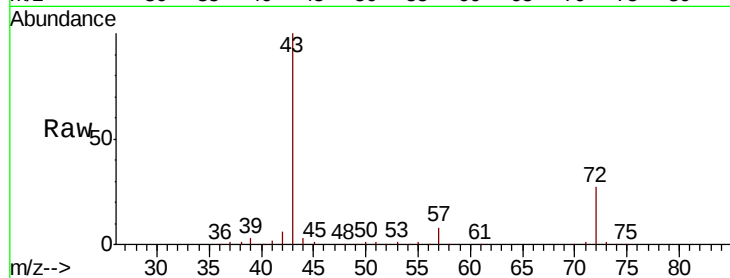
VX0907MBS01

Tot Ion: 43 Resp: 308949

Ion Ratio Lower Upper

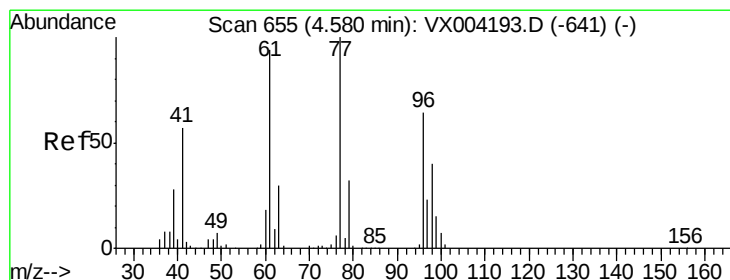
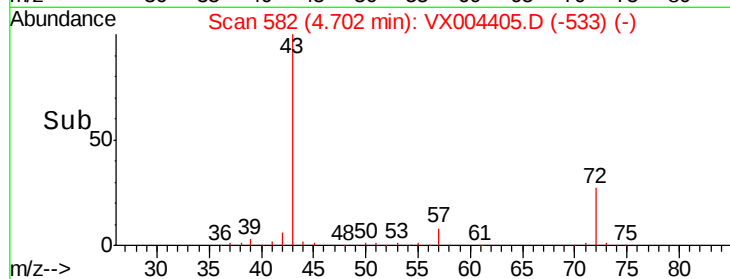
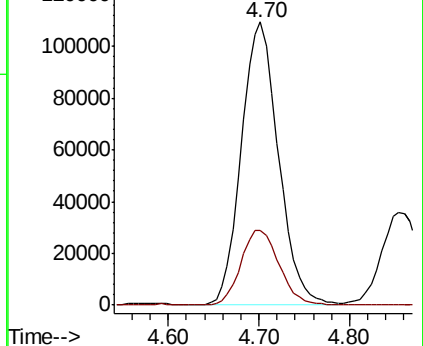
43 100

72 26.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.03 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004405.D

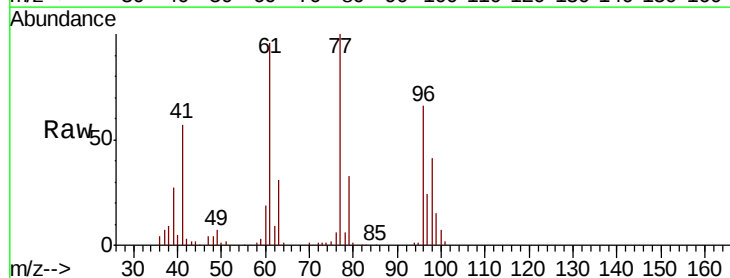
Acq: 07 Sep 2018 14:11

Tgt Ion: 77 Resp: 109332

Ion Ratio Lower Upper

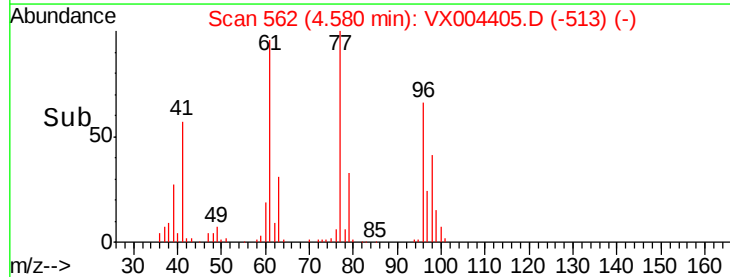
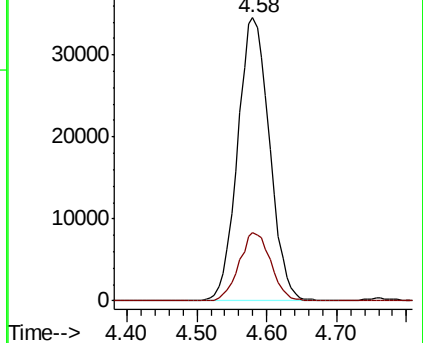
77 100

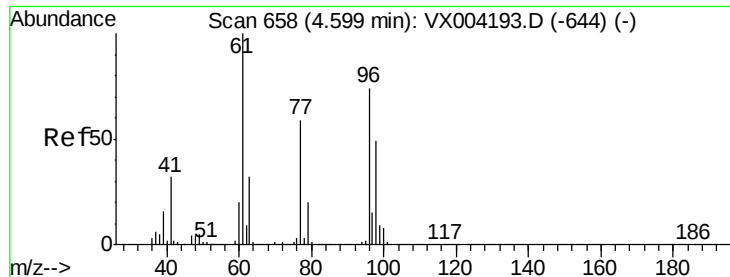
97 24.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



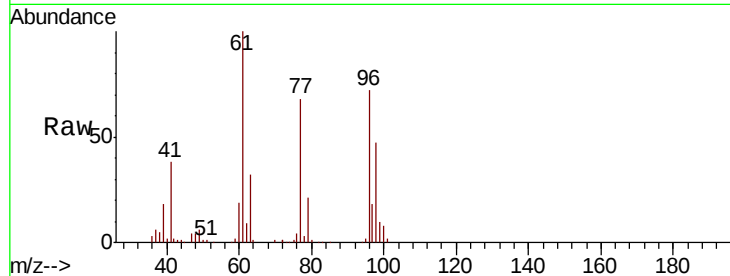


#27

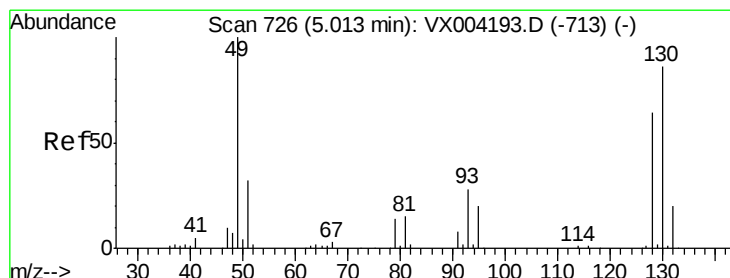
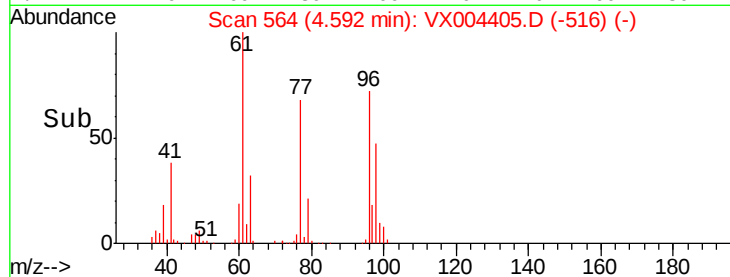
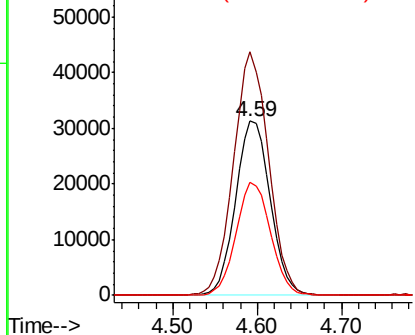
cis-1,2-Dichloroethene
 Concen: 18.96 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Instrument :
 MSVOA_X
 ClientSampled :
 VX0907MBS01

Tot Ion: 96 Resp: 87227
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 282.6
 98 64.7 0.0 130.2



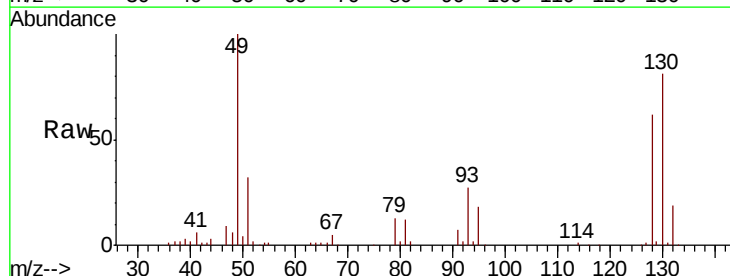
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



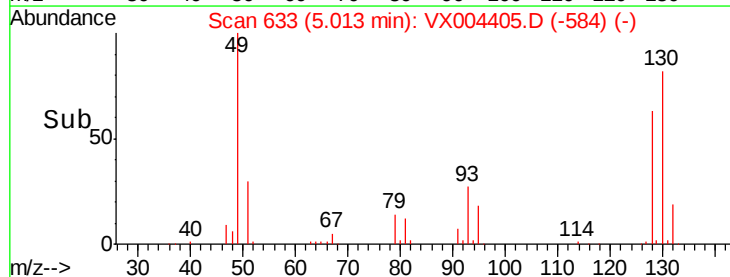
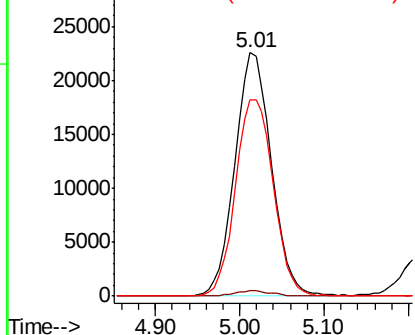
#28

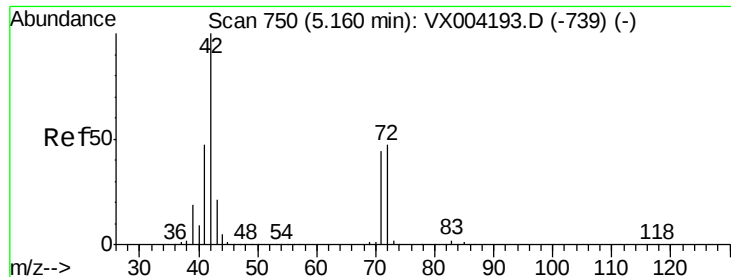
Bromochloromethane
 Concen: 20.47 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Tgt Ion: 49 Resp: 66371
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 83.5 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.43 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

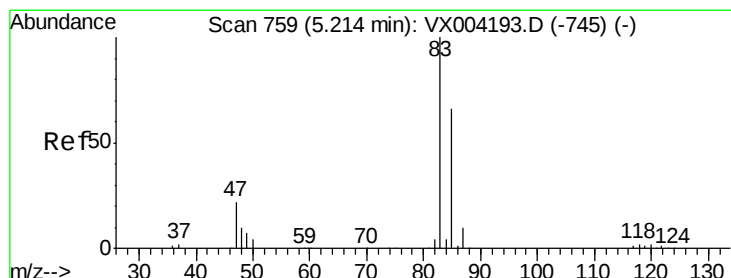
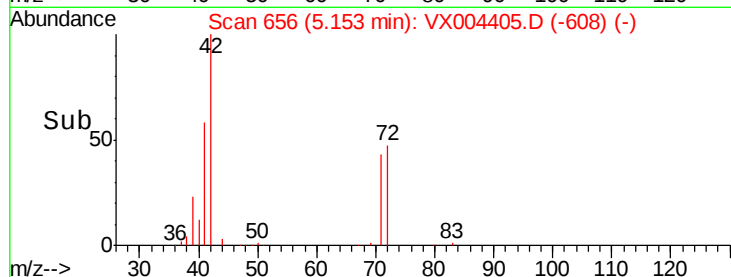
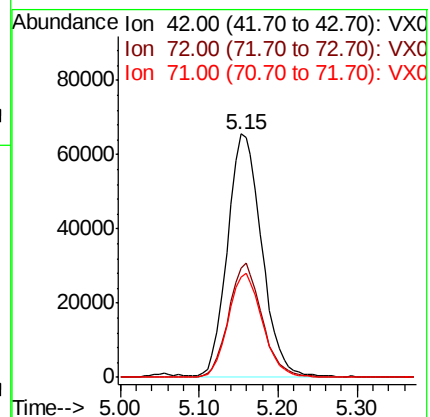
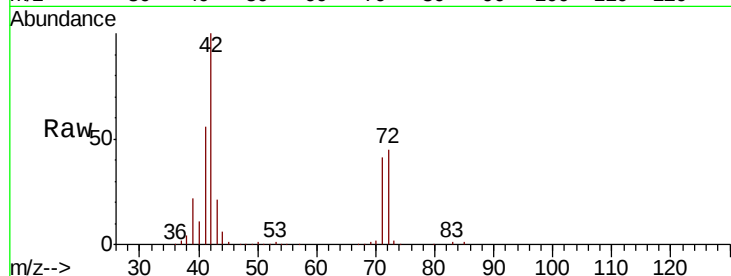
Tot Ion: 42 Resp: 196434

Ion Ratio Lower Upper

42 100

72 46.1 37.4 56.0

71 43.0 34.5 51.7



#30

Chloroform

Concen: 19.66 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004405.D

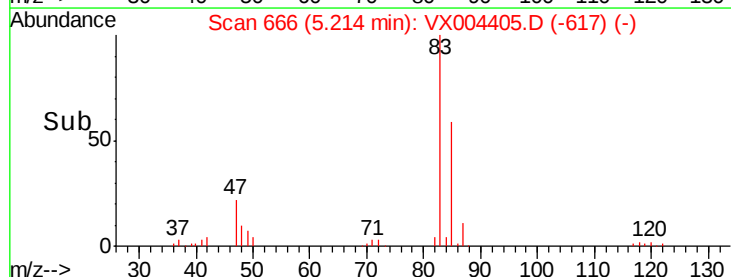
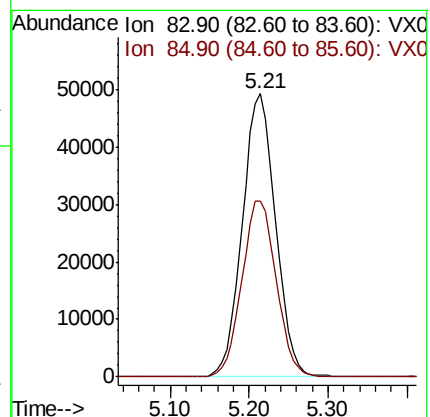
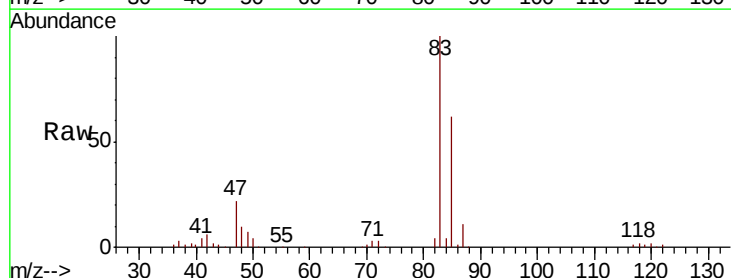
Acq: 07 Sep 2018 14:11

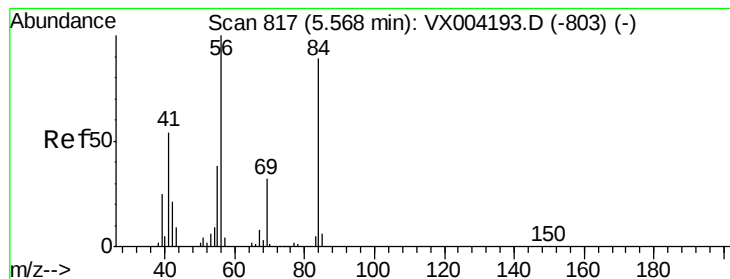
Tgt Ion: 83 Resp: 144386

Ion Ratio Lower Upper

83 100

85 62.4 52.6 79.0





#31

Cyclohexane

Concen: 18.12 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

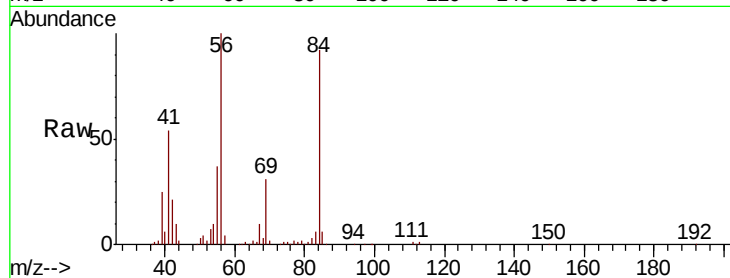
Tot Ion: 56 Resp: 114539

Ion Ratio Lower Upper

56 100

69 30.6 25.4 38.2

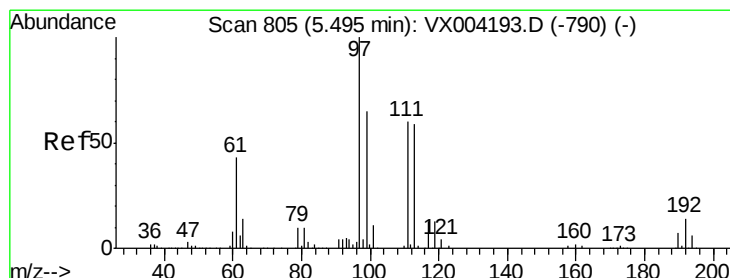
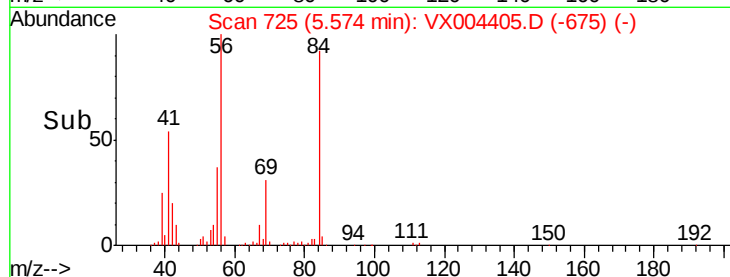
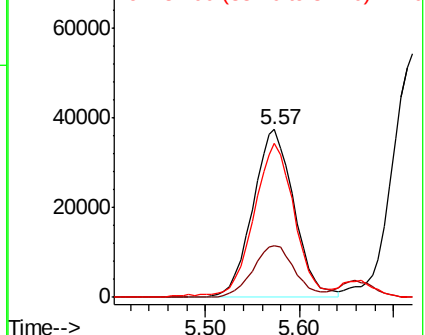
84 90.1 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.22 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

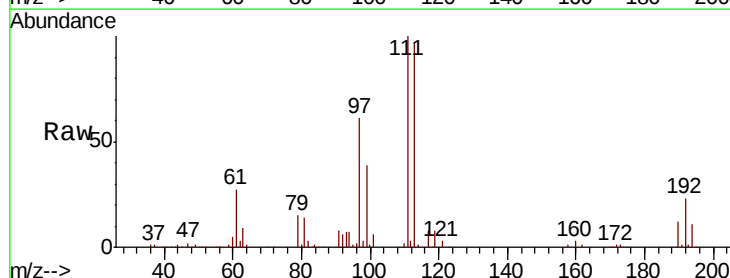
Tgt Ion: 97 Resp: 117672

Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

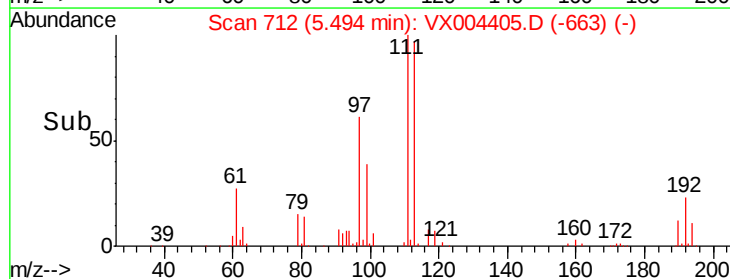
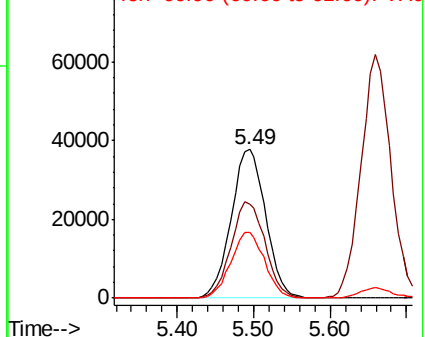
61 43.6 34.9 52.3

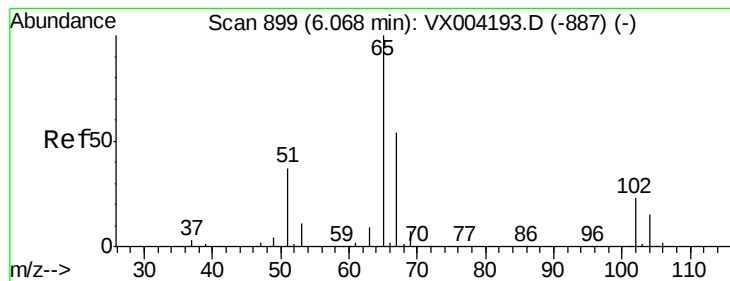


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.73 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

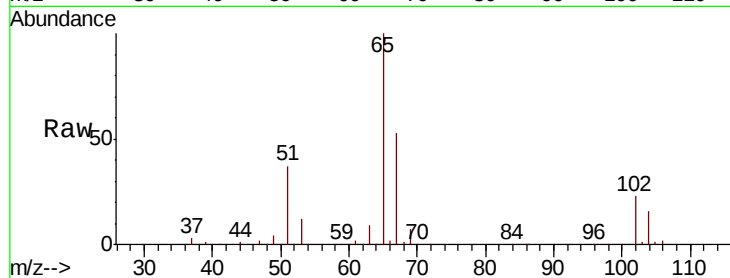
VX0907MBS01

Tot Ion: 65 Resp: 206140

Ion Ratio Lower Upper

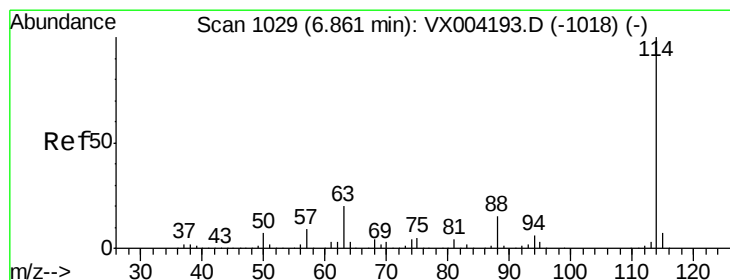
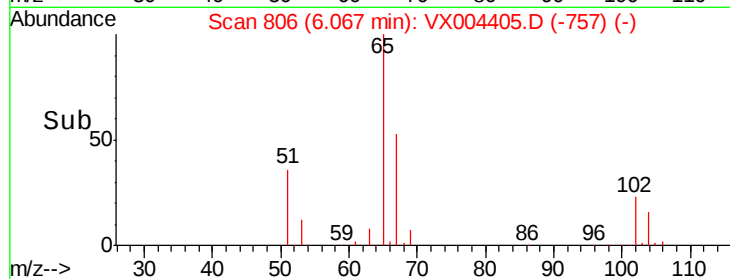
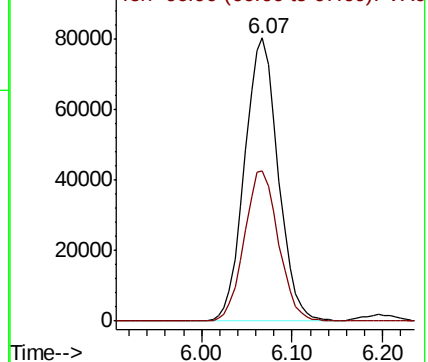
65 100

67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

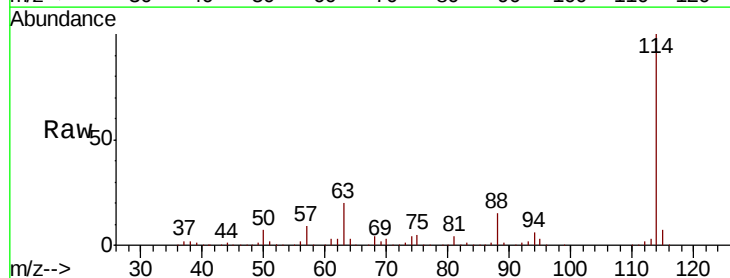
Tgt Ion: 114 Resp: 501072

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

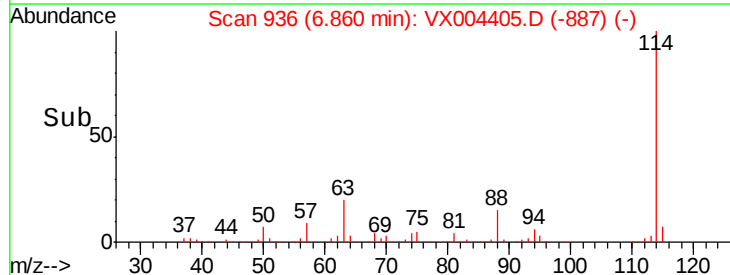
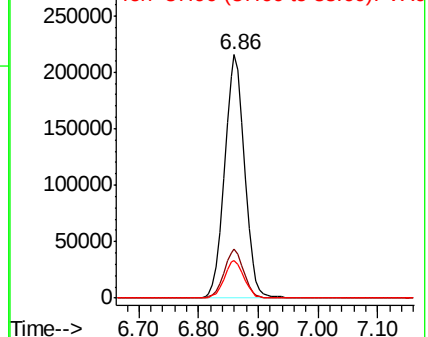
88 15.4 0.0 30.4

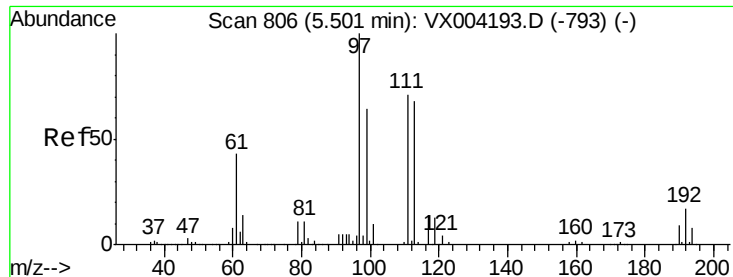


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

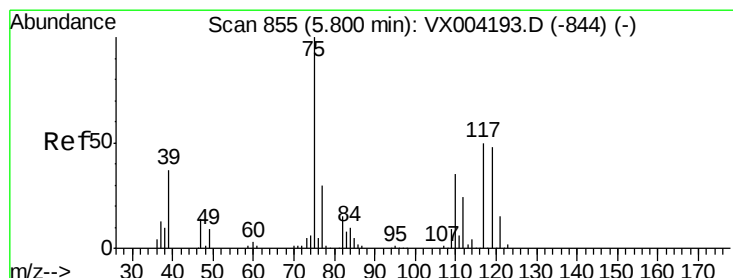
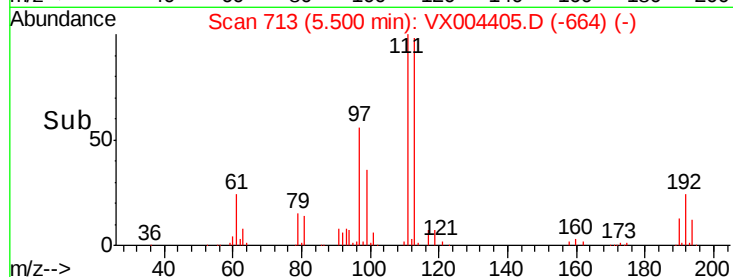
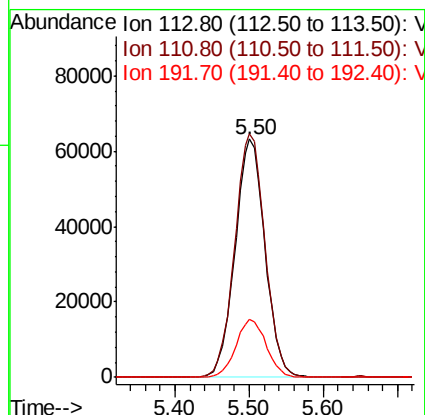
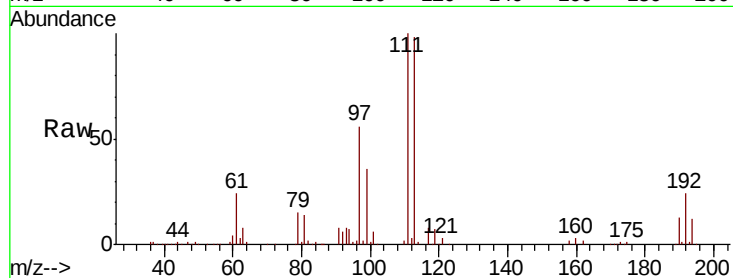




#35
 Dibromofluoromethane
 Concen: 47.80 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

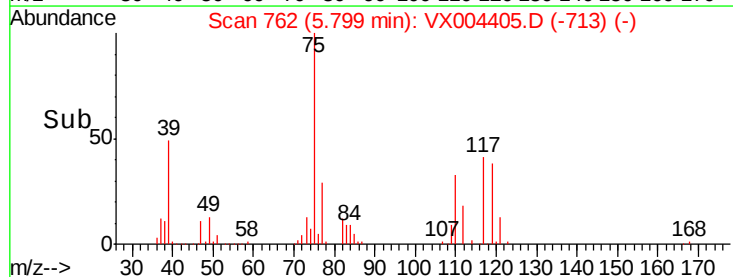
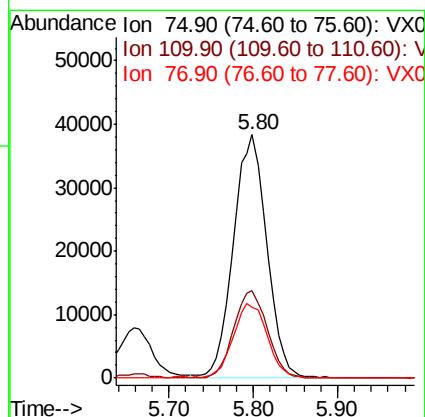
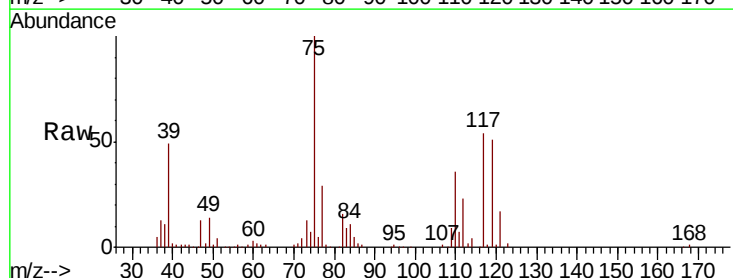
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBS01

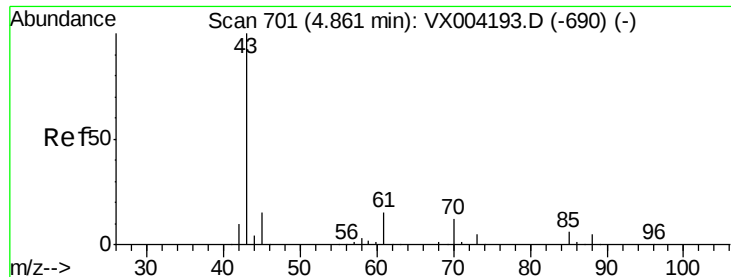
Tot Ion:113 Resp: 178190
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 24.5 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 18.14 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Tgt Ion: 75 Resp: 102205
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.0 54.0
 77 31.2 24.6 36.8

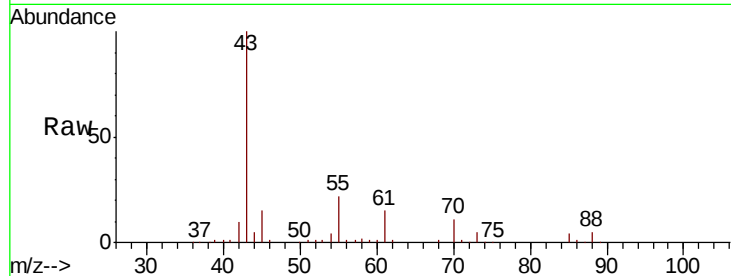




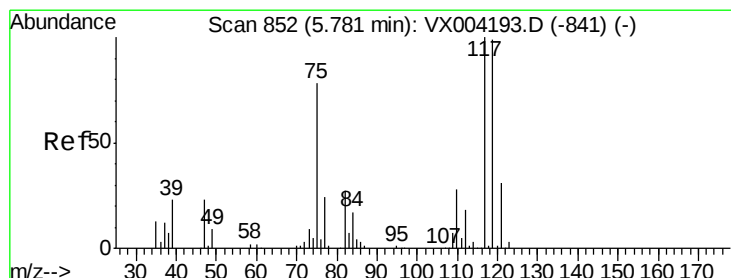
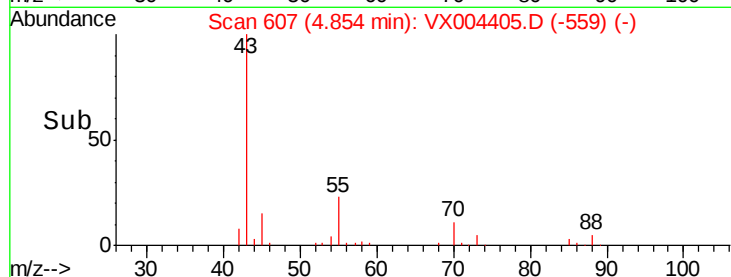
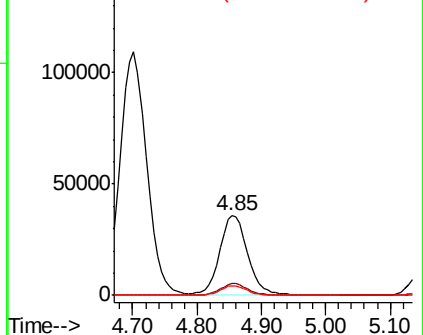
#37
Ethyl Acetate
Concen: 19.74 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0907MBS01

Tot Ion: 43 Resp: 109385
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.6 9.0 13.6

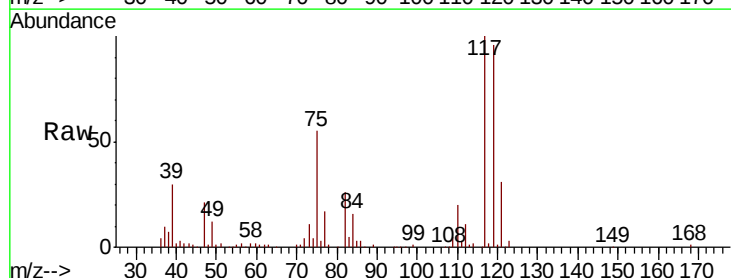


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

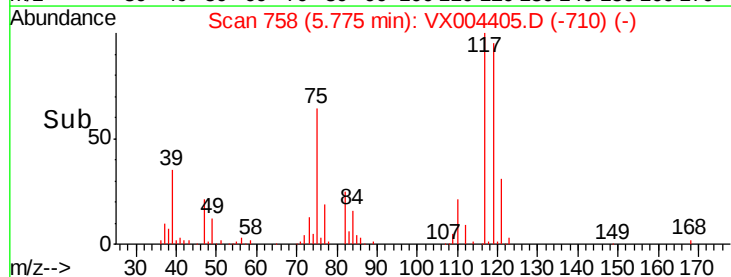
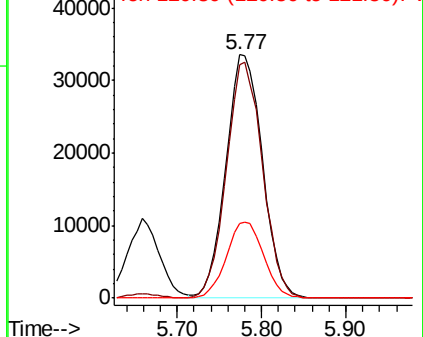


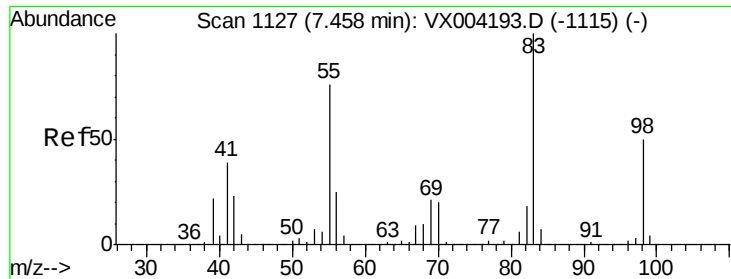
#38
Carbon Tetrachloride
Concen: 18.68 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion: 117 Resp: 99002
Ion Ratio Lower Upper
117 100
119 95.9 78.8 118.2
121 30.7 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

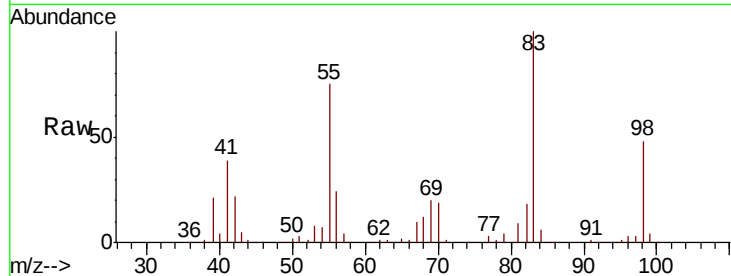




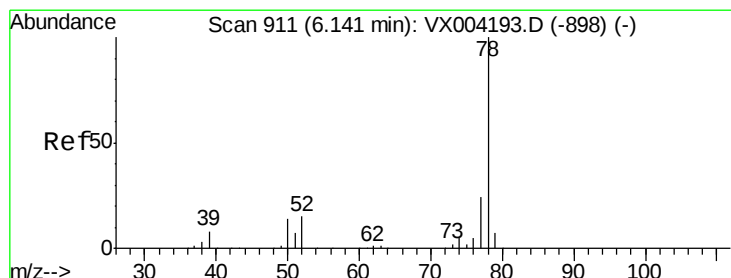
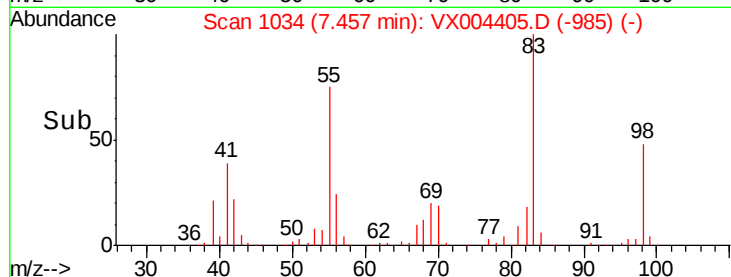
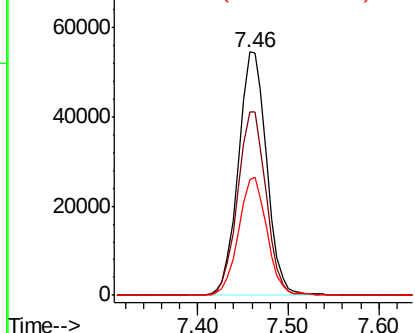
#39
Methvlcvclohexane
Concen: 18.35 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0907MBS01

Tot Ion: 83 Resp: 118026
Ion Ratio Lower Upper
83 100
55 75.3 61.0 91.4
98 47.7 39.6 59.4

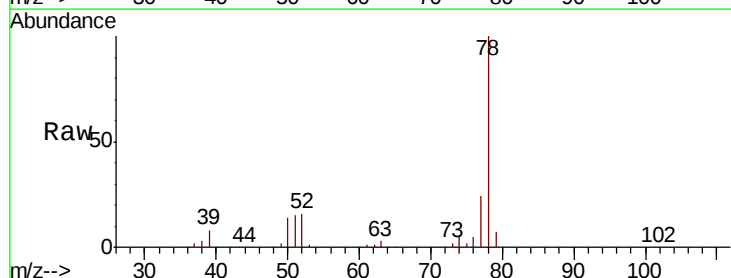


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

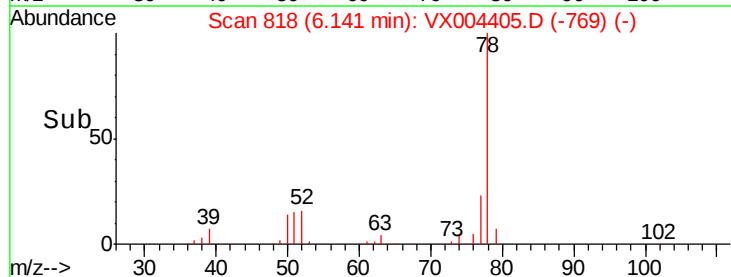
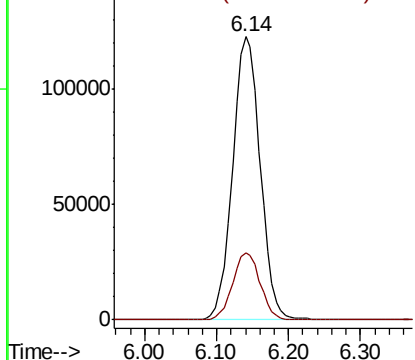


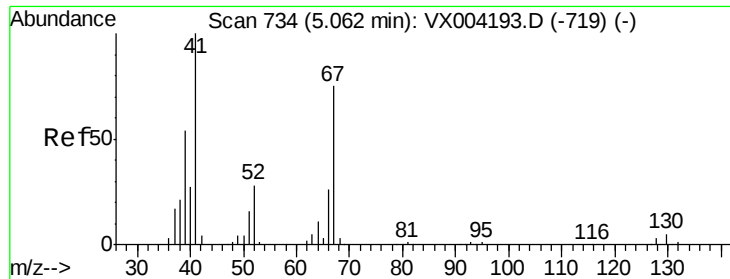
#40
Benzene
Concen: 19.36 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion: 78 Resp: 325835
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

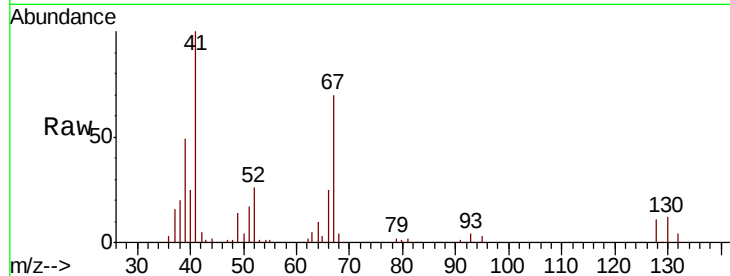




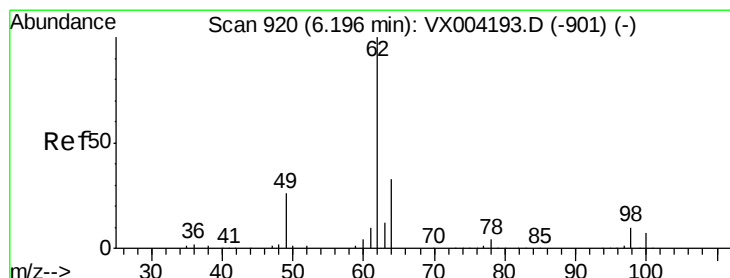
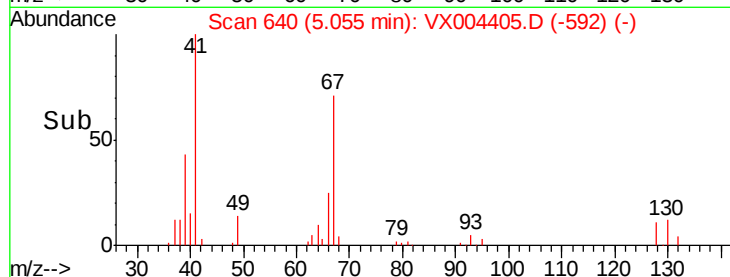
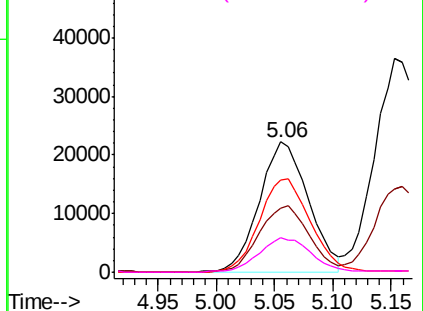
#41
Methacrylonitrile
Concen: 20.22 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Instrument :
MSVOA_X
ClientSampled :
VX0907MBS01

Tot Ion:	41	Resp:	64934
Ion	Ratio	Lower	Upper
41	100		
39	52.2	42.4	63.6
67	75.0	59.2	88.8
52	28.0	23.0	34.4

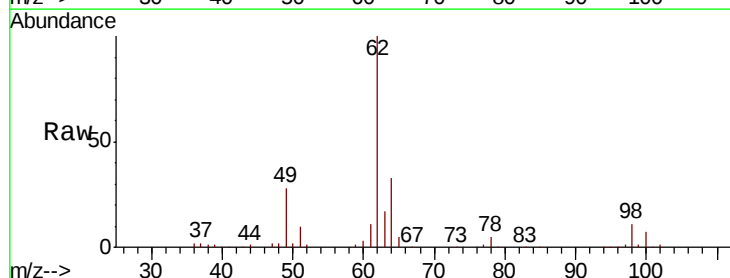


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

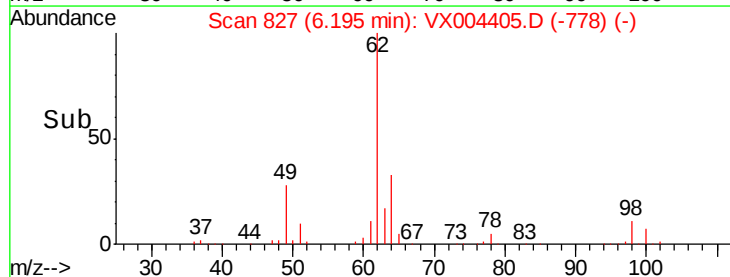
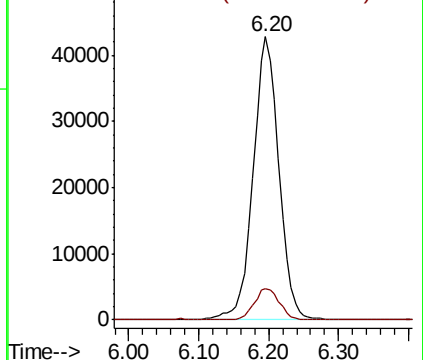


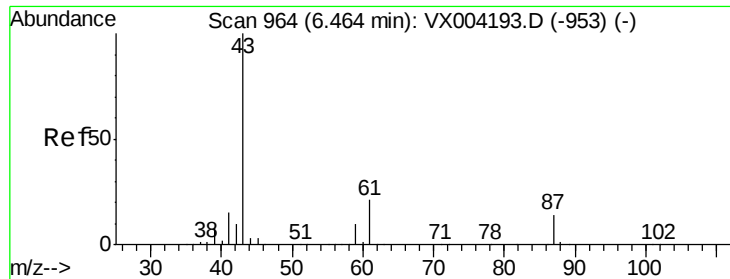
#42
1,2-Dichloroethane
Concen: 19.06 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion:	62	Resp:	109431
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



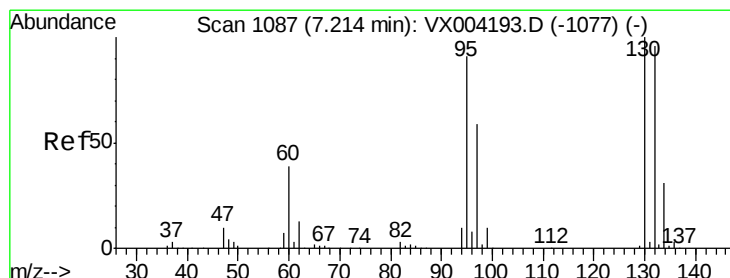
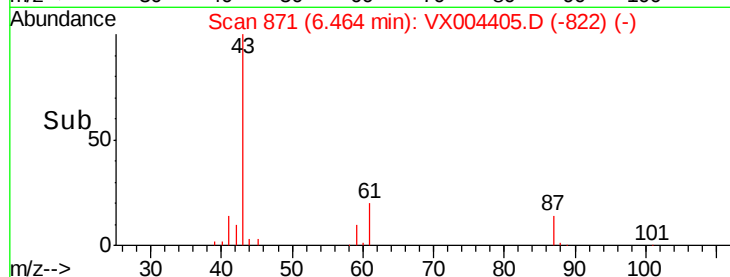
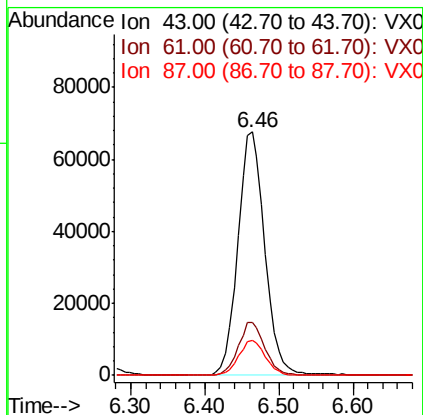
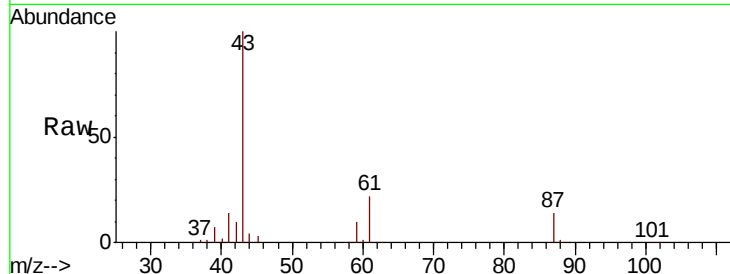


#43

Isopropyl Acetate
 Concen: 20.01 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBS01

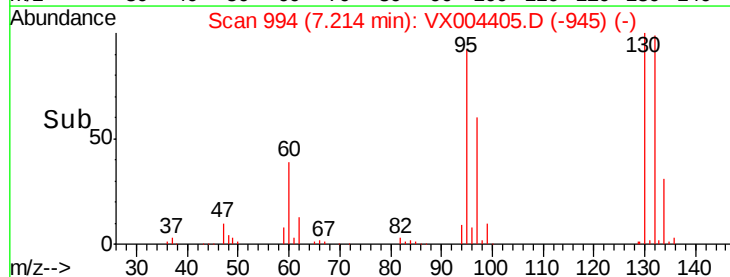
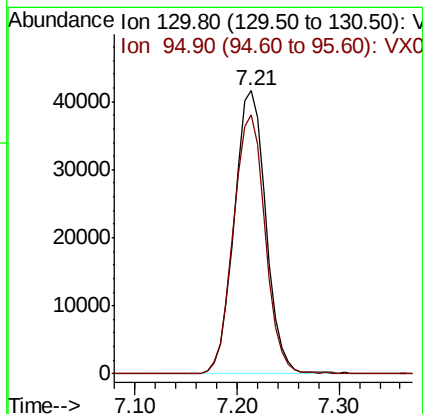
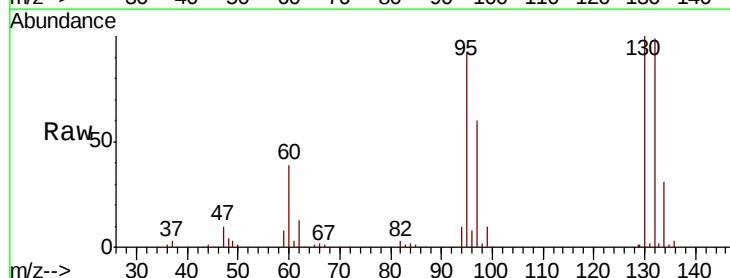
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.0	25.4
87	14.3	11.4	17.2

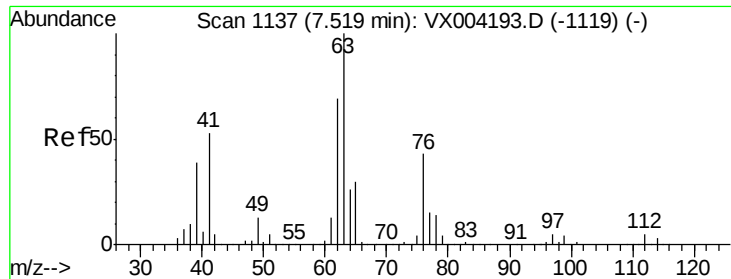


#44

Trichloroethene
 Concen: 19.16 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	181.6





#45

1,2-Dichloropropane

Concen: 20.17 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

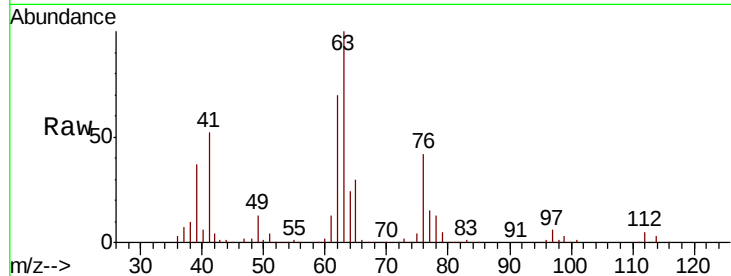
VX0907MBS01

Tot Ion: 63 Resp: 84986

Ion Ratio Lower Upper

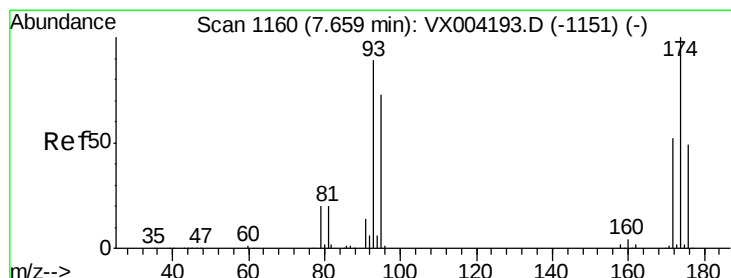
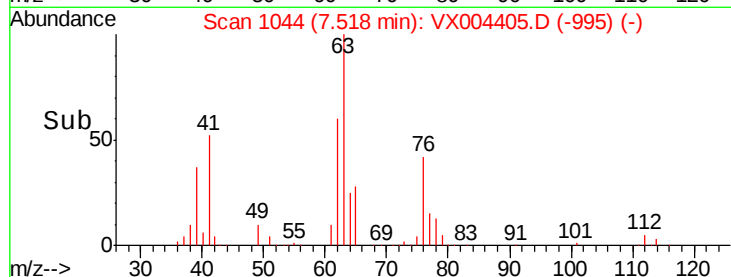
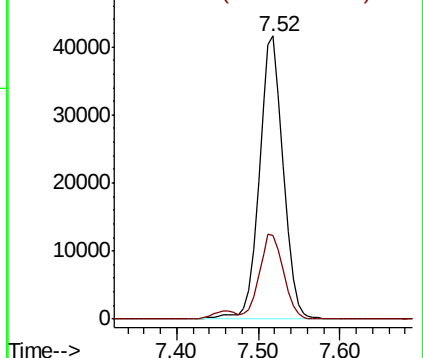
63 100

65 29.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.22 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

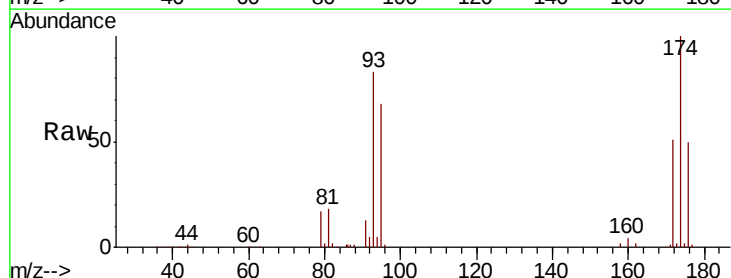
Tgt Ion: 93 Resp: 53915

Ion Ratio Lower Upper

93 100

95 83.2 65.5 98.3

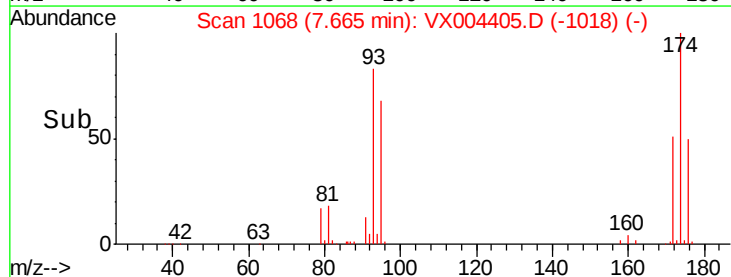
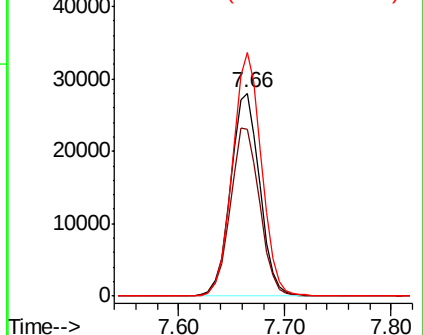
174 118.8 94.2 141.4

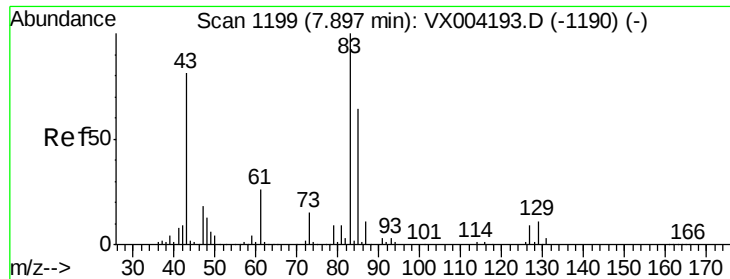


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.65 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

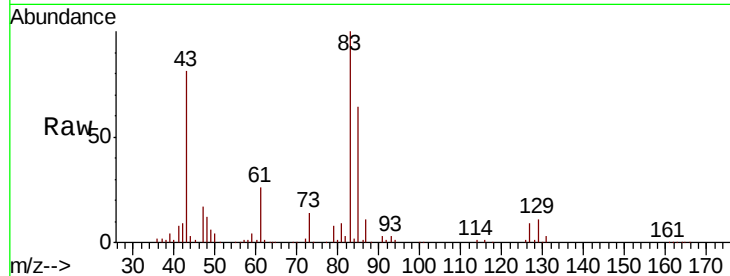
Tot Ion: 83 Resp: 102579

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

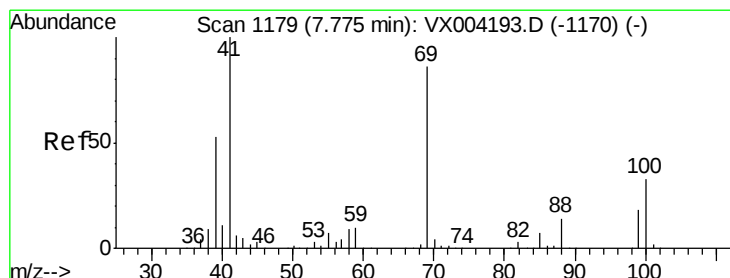
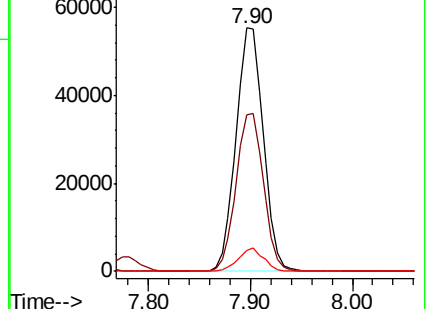
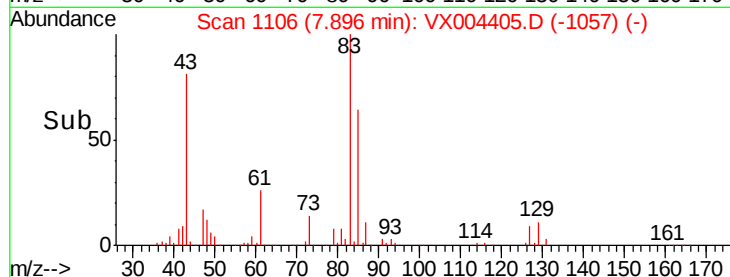
127 8.8 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.92 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

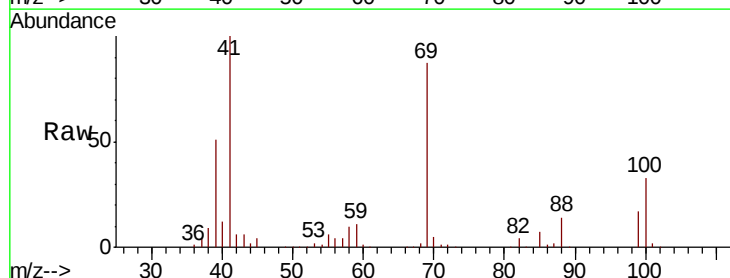
Tgt Ion: 41 Resp: 90761

Ion Ratio Lower Upper

41 100

69 86.7 70.2 105.4

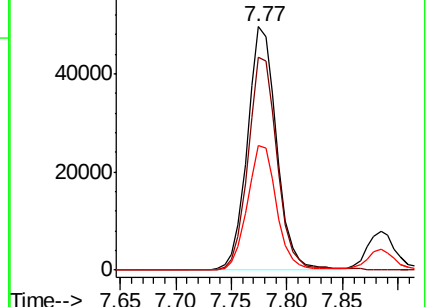
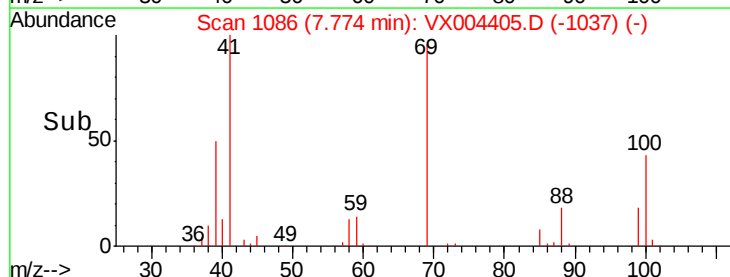
39 51.3 42.7 64.1

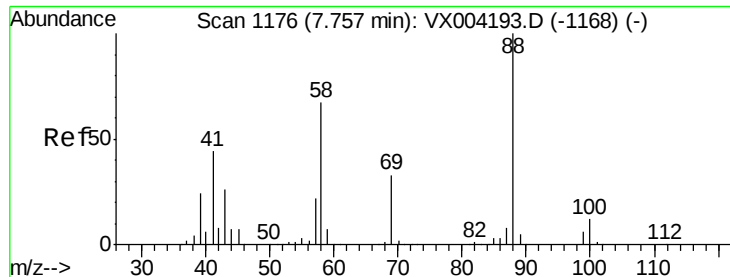


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

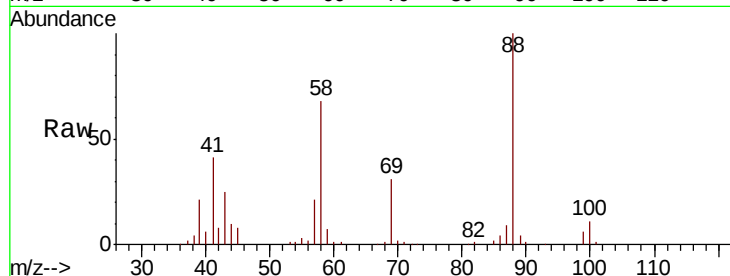




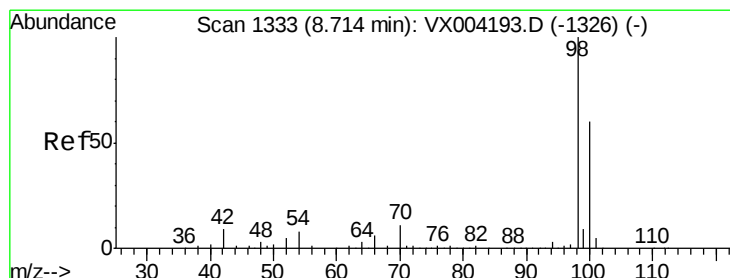
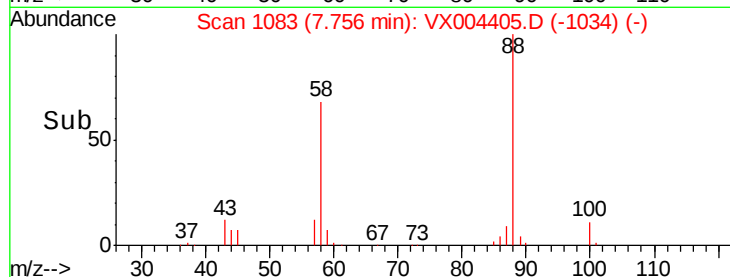
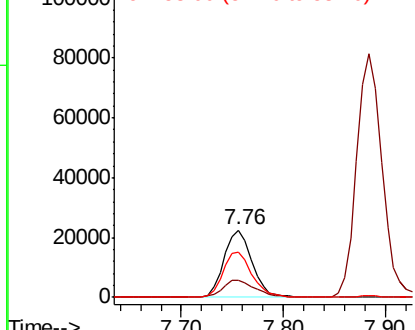
#49
 1,4-Dioxane
 Concen: 412.61 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBS01

Tot Ion: 88 Resp: 42673
 Ion Ratio Lower Upper
 88 100
 43 30.1 24.7 37.1
 58 70.3 55.3 82.9

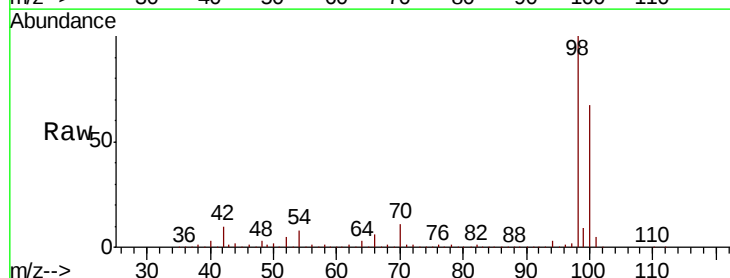


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

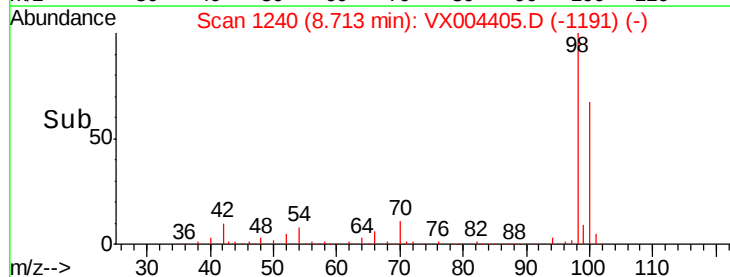
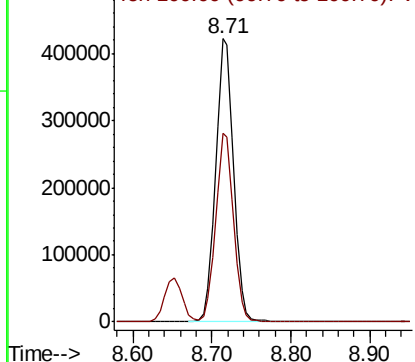


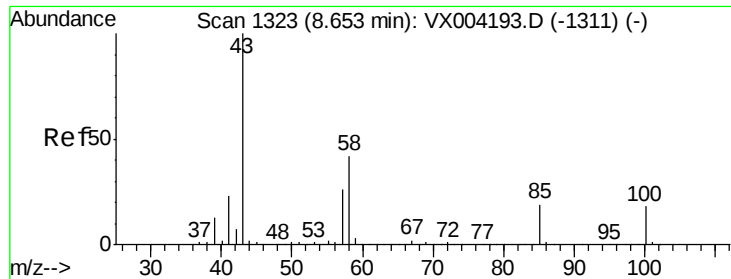
#50
 Toluene-d8
 Concen: 47.21 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Tgt Ion: 98 Resp: 664282
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 96.41 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

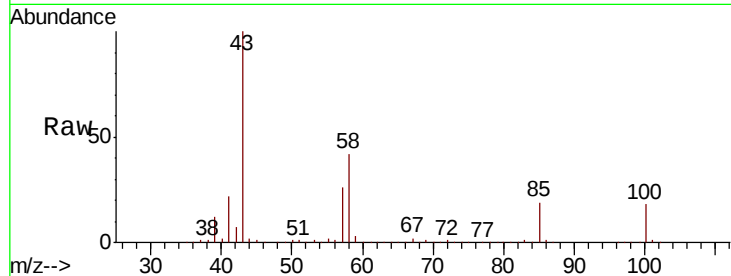
VX0907MBS01

Tot Ion: 43 Resp: 596338

Ion Ratio Lower Upper

43 100

58 41.3 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

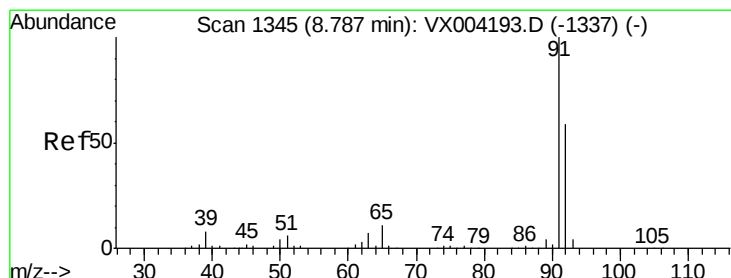
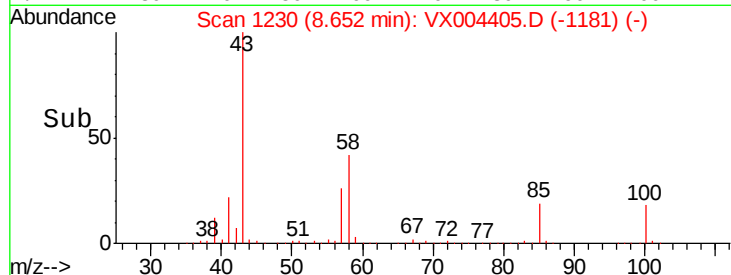
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.71 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004405.D

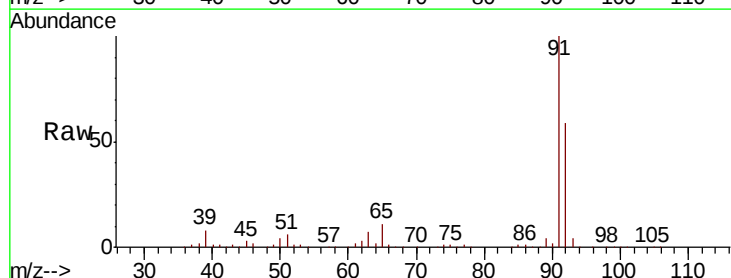
Acq: 07 Sep 2018 14:11

Tgt Ion: 92 Resp: 207699

Ion Ratio Lower Upper

92 100

91 169.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

250000

200000

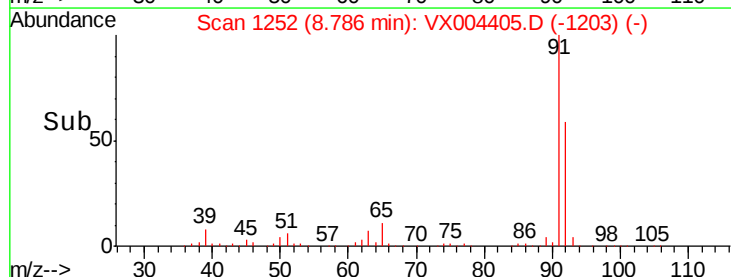
150000

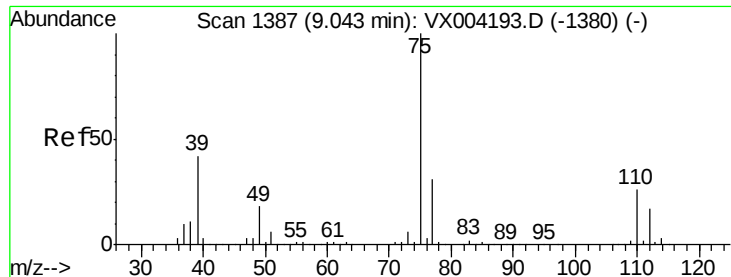
100000

50000

0

Time-->

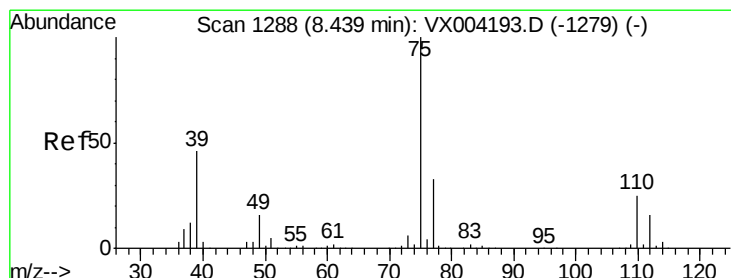
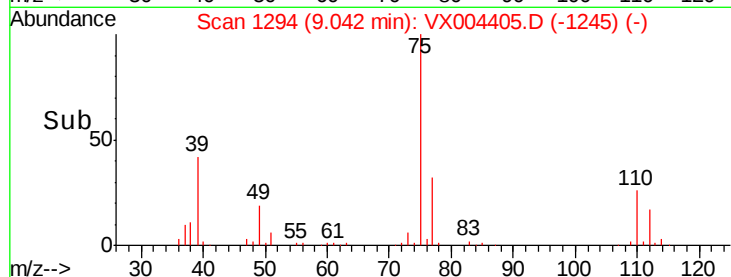
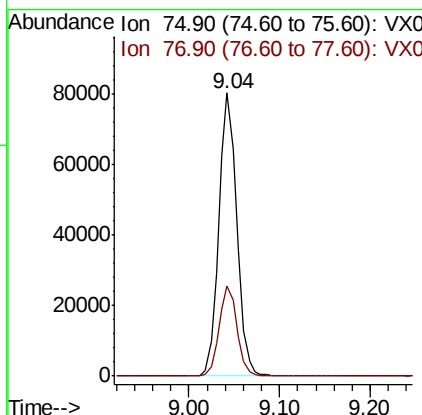
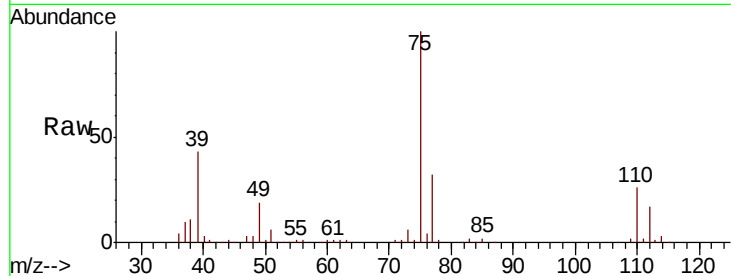




#53
 t-1,3-Dichloropropene
 Concen: 19.39 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

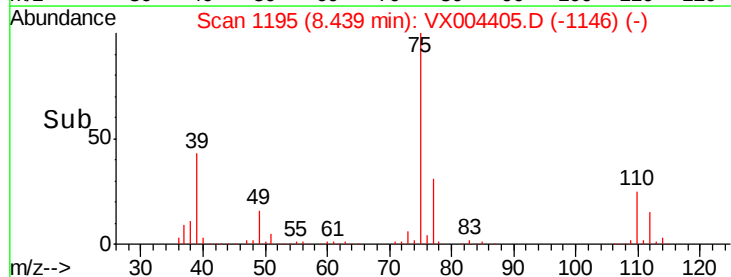
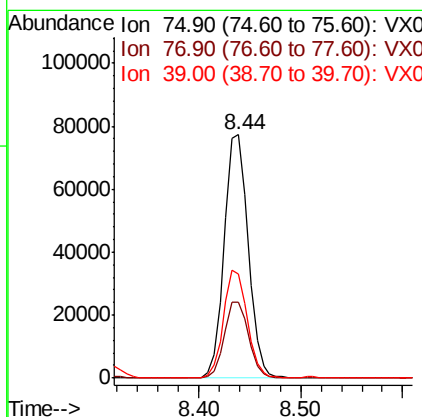
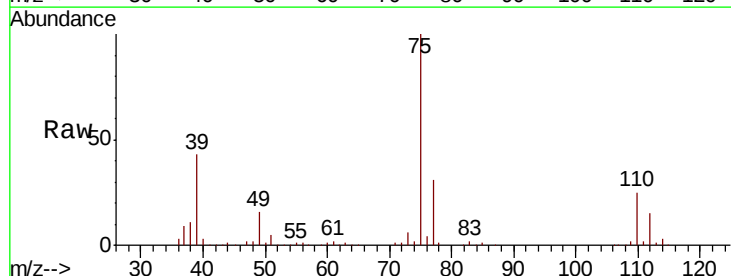
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBS01

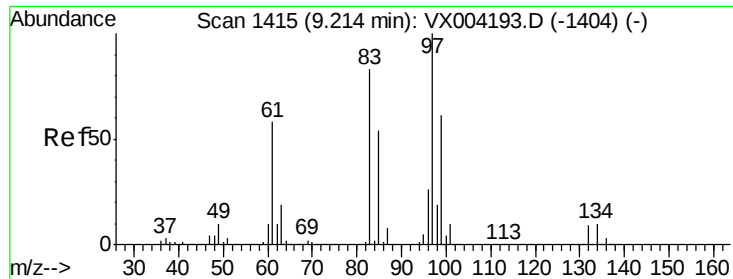
Tot Ion: 75 Resp: 111770
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.12 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Tgt Ion: 75 Resp: 126340
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.2
 39 42.7 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 20.38 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

Tot Ion: 97 Resp: 86677

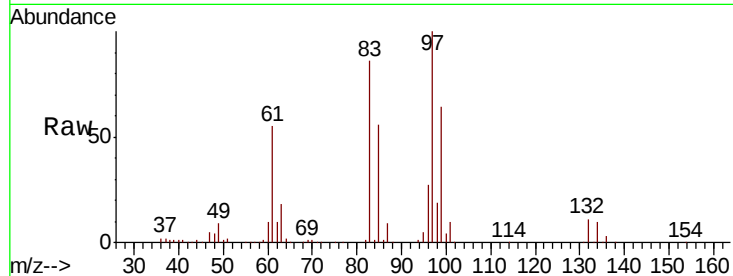
Ion Ratio Lower Upper

97 100

83 85.5 66.4 99.6

85 55.8 43.3 64.9

99 63.6 49.0 73.4

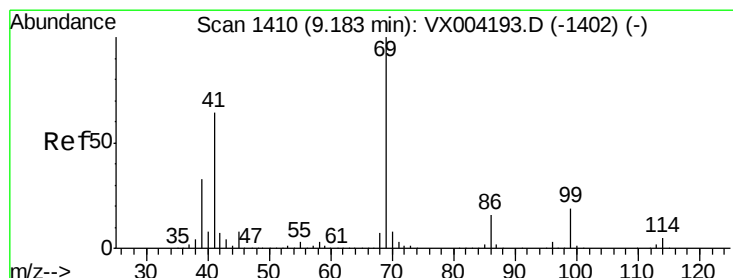
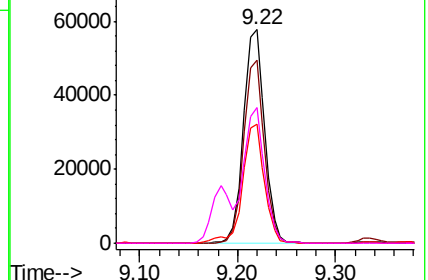
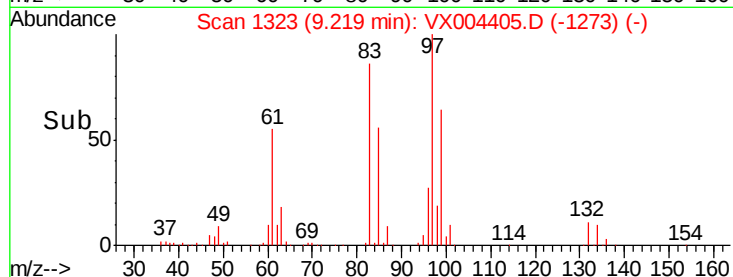


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.42 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

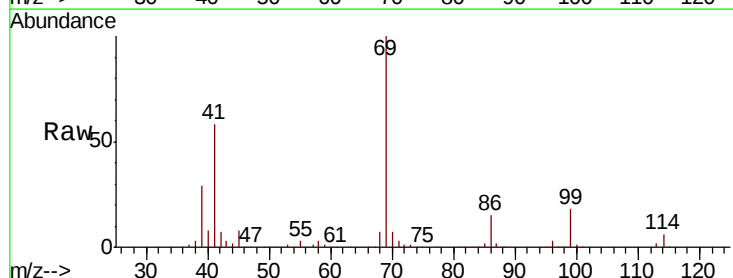
Tgt Ion: 69 Resp: 118232

Ion Ratio Lower Upper

69 100

41 62.1 51.0 76.4

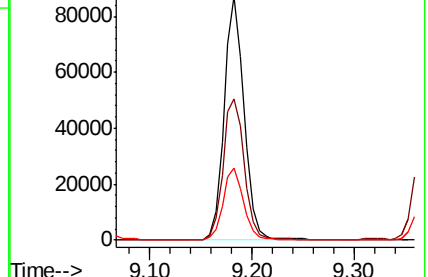
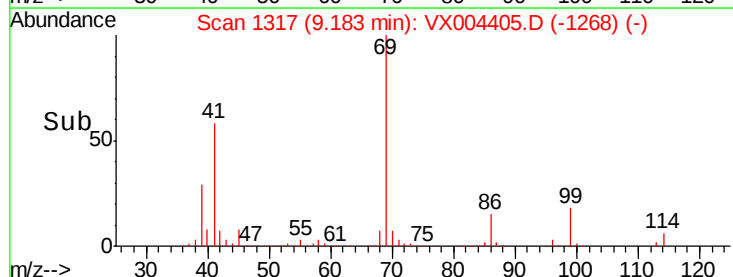
39 30.5 26.1 39.1

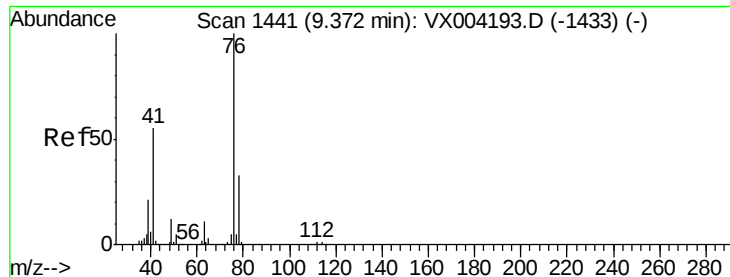


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.15 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

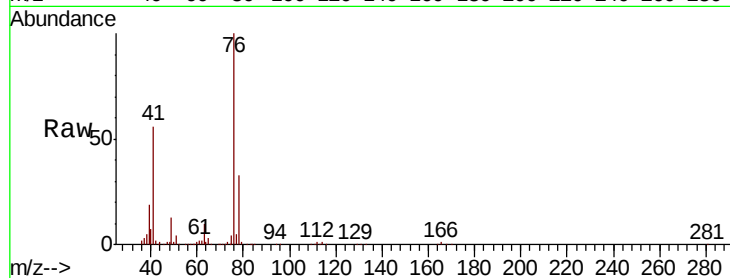
VX0907MBS01

Tot Ion: 76 Resp: 144480

Ion Ratio Lower Upper

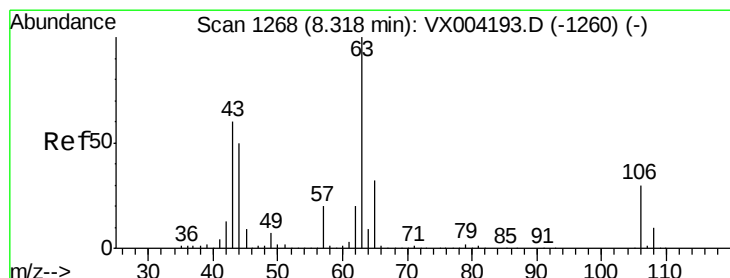
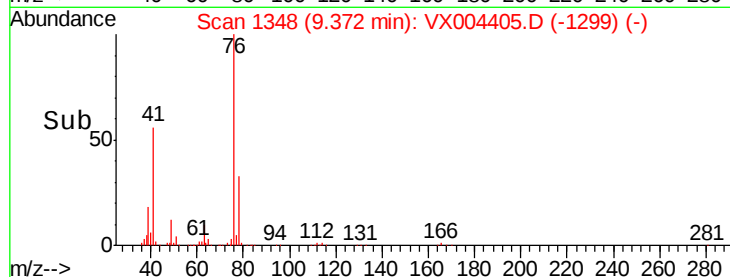
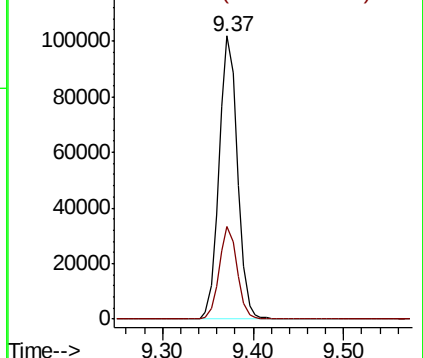
76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 106.13 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004405.D

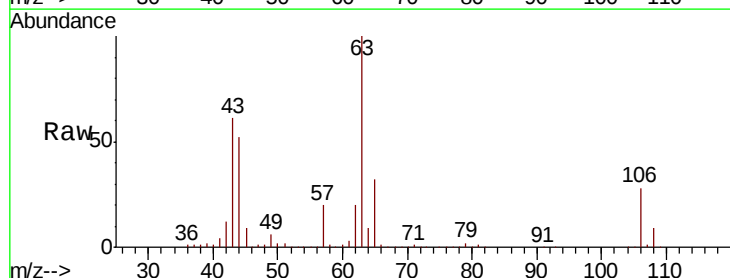
Acq: 07 Sep 2018 14:11

Tgt Ion: 63 Resp: 314858

Ion Ratio Lower Upper

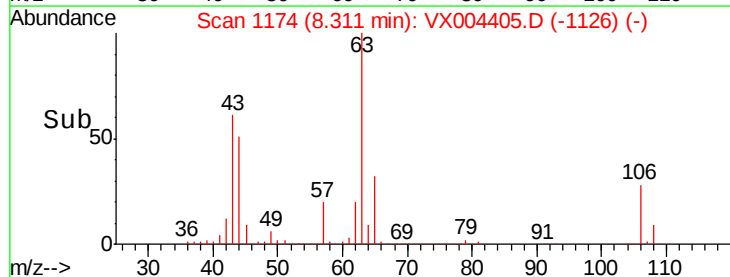
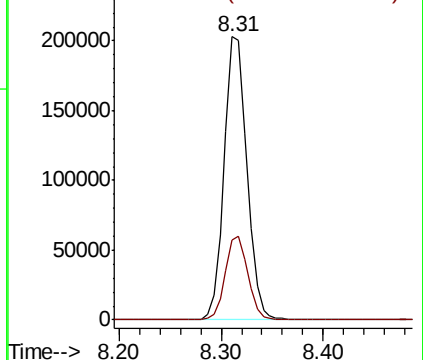
63 100

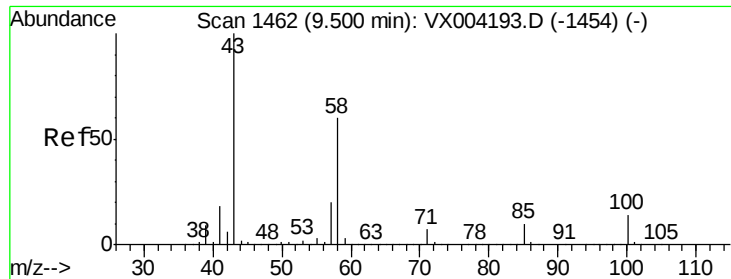
106 29.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

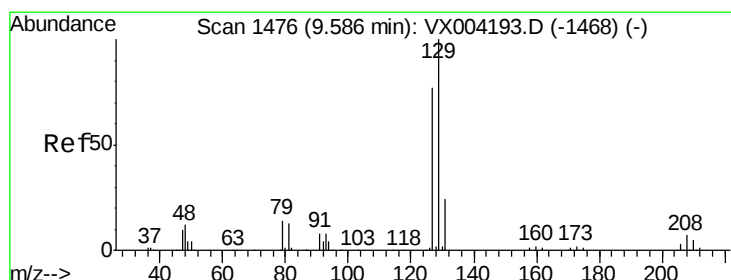
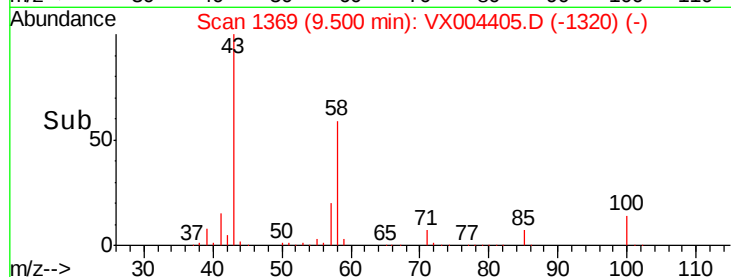
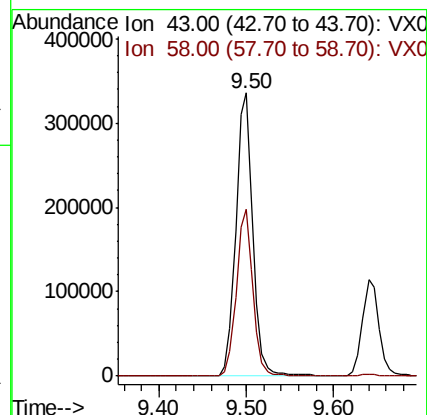
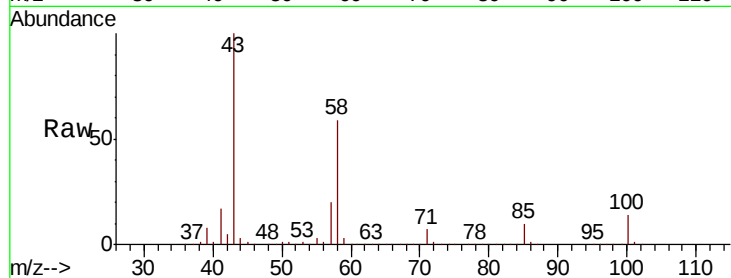




#59
2-Hexanone
Concen: 96.23 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

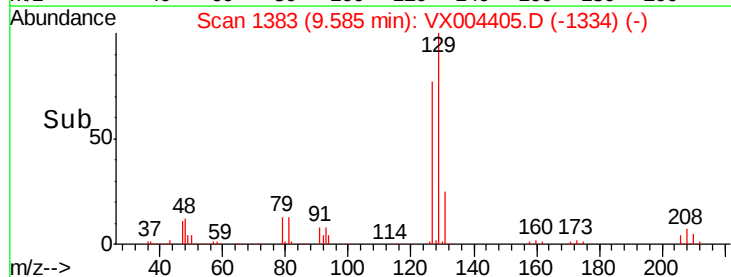
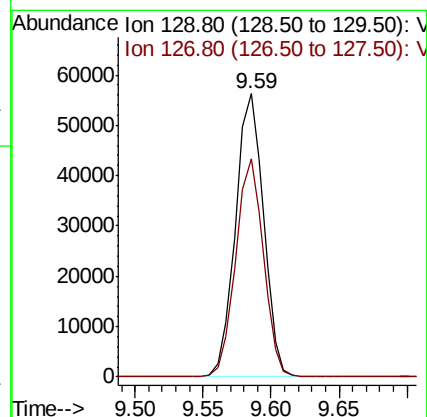
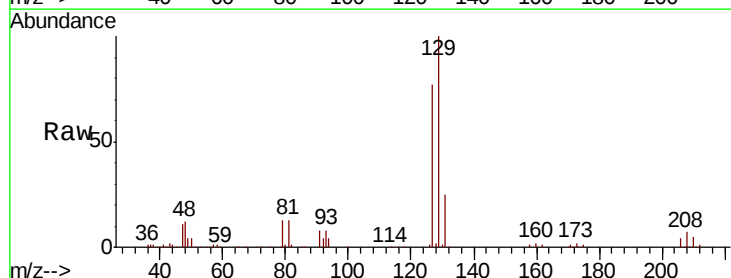
Instrument :
MSVOA_X
ClientSampleId :
VX0907MBS01

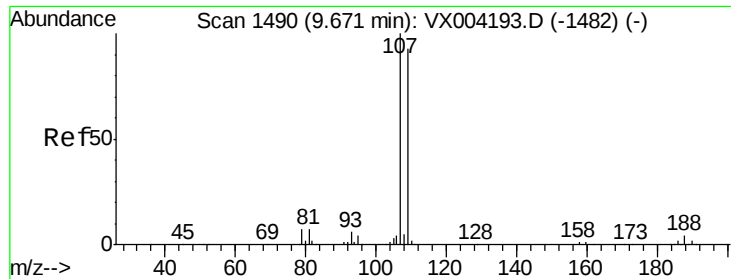
Tot Ion: 43 Resp: 454090
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.0



#60
Dibromochloromethane
Concen: 19.56 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion: 129 Resp: 81044
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.63 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

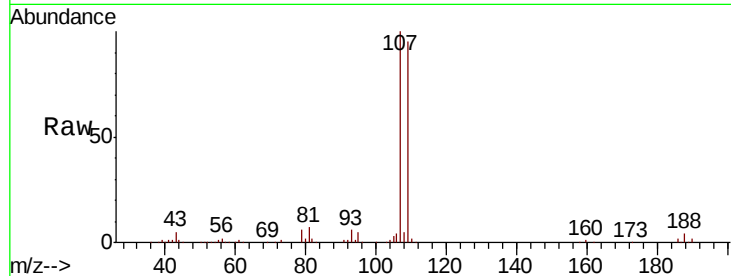
VX0907MBS01

Tot Ion:107 Resp: 86417

Ion Ratio Lower Upper

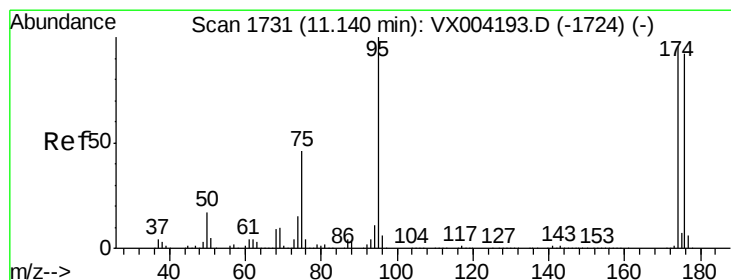
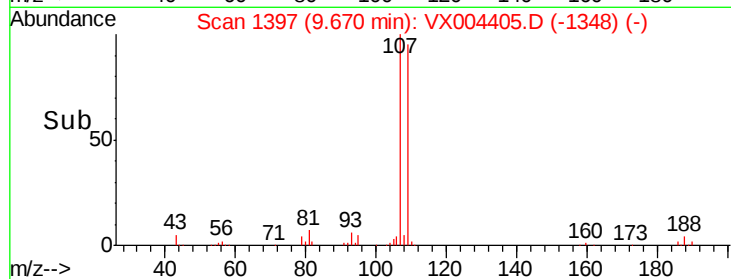
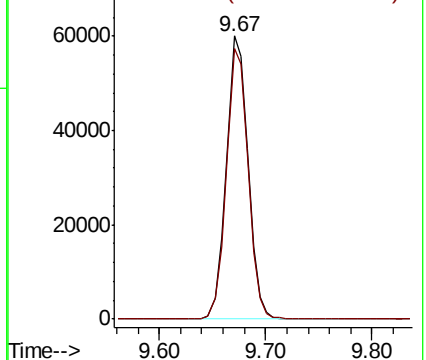
107 100

109 95.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.60 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

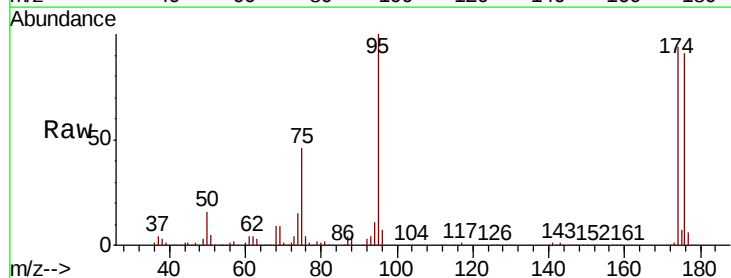
Tgt Ion: 95 Resp: 255151

Ion Ratio Lower Upper

95 100

174 87.9 0.0 185.2

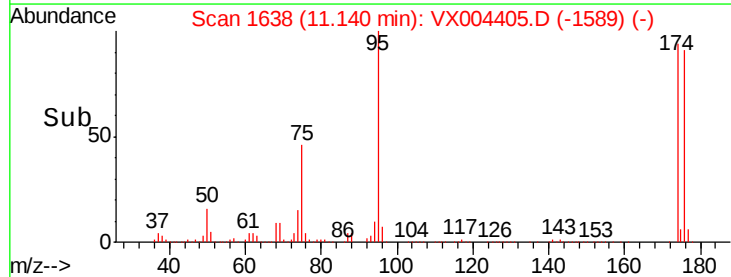
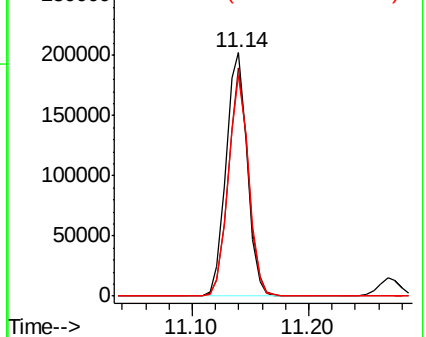
176 87.6 0.0 178.6

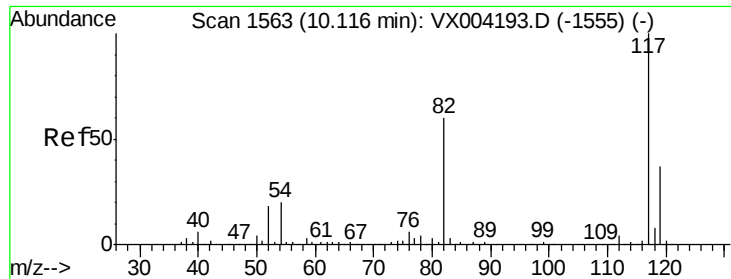


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

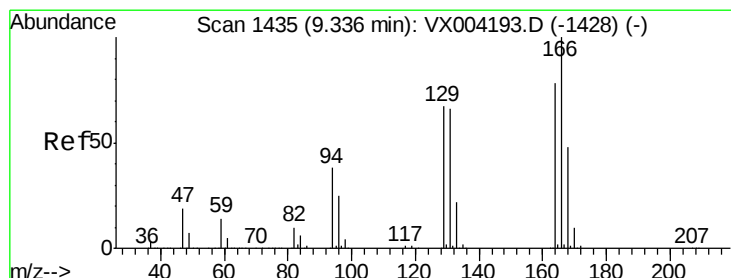
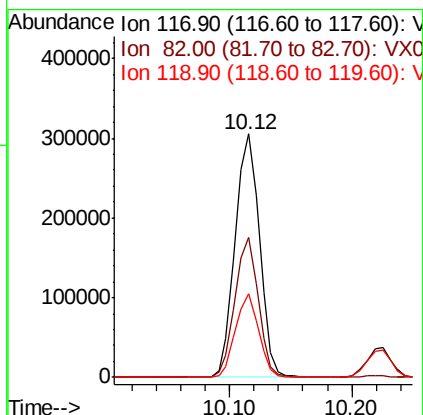
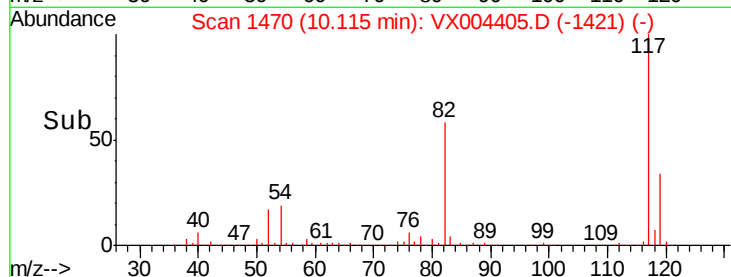
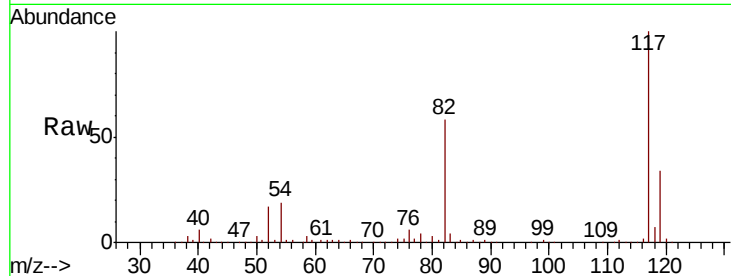




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

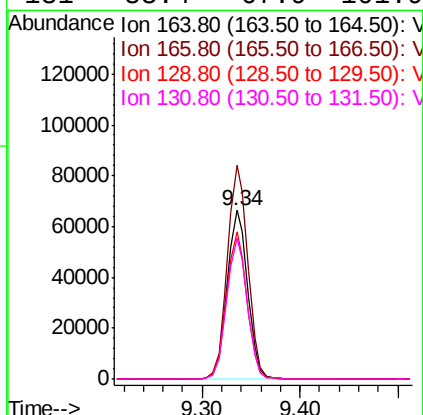
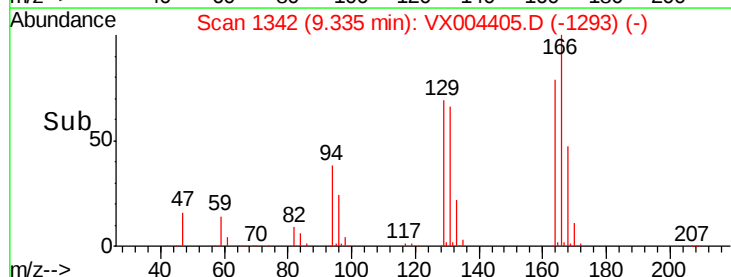
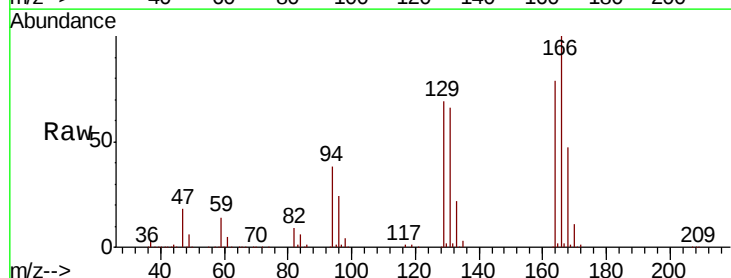
Instrument :
MSVOA_X
ClientSampleId :
VX0907MBS01

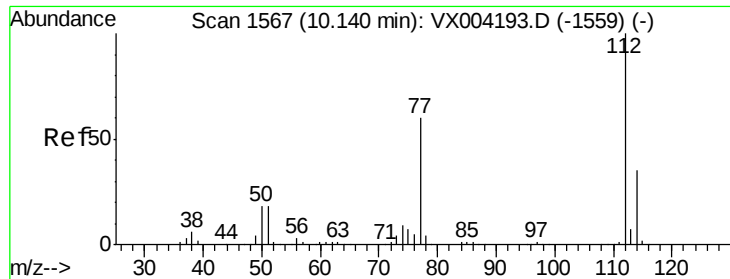
Tot Ion:117 Resp: 421180
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.6
119 34.2 29.3 43.9



#64
Tetrachloroethene
Concen: 23.20 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion:164 Resp: 96541
Ion Ratio Lower Upper
164 100
166 126.8 102.8 154.2
129 87.8 69.4 104.0
131 83.4 67.9 101.9

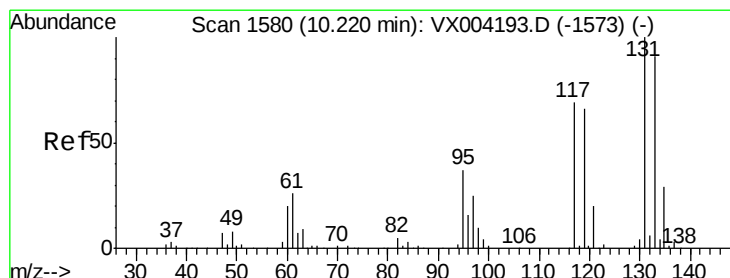
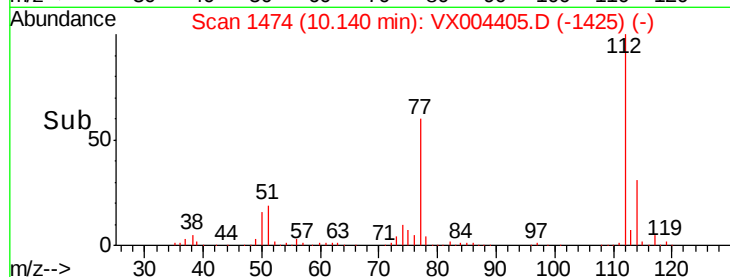
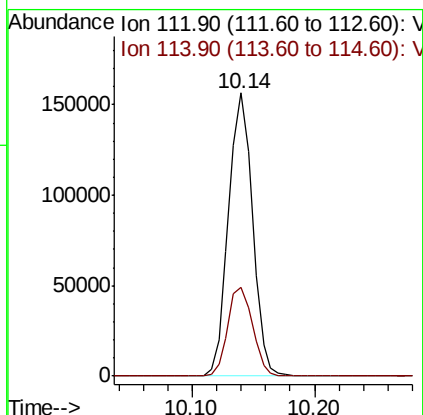
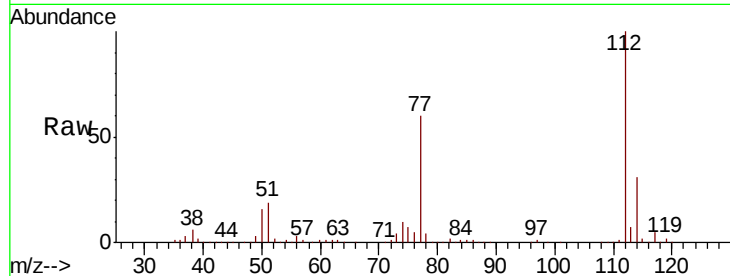




#65
Chlorobenzene
Concen: 20.19 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

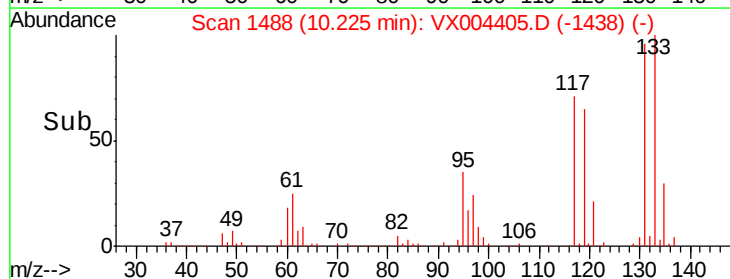
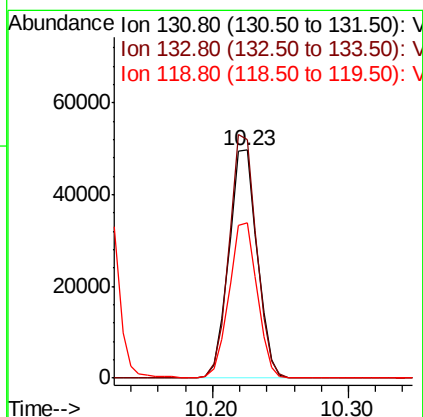
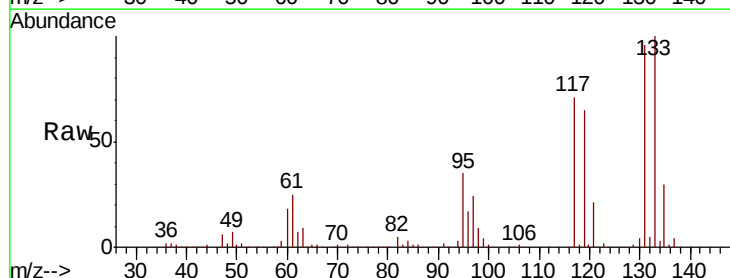
Instrument :
MSVOA_X
ClientSampleId :
VX0907MBS01

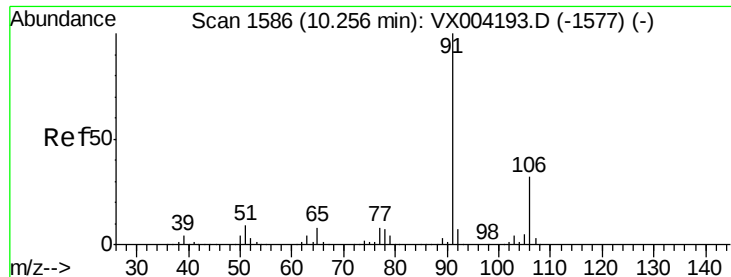
Tot Ion:112 Resp: 213405
Ion Ratio Lower Upper
112 100
114 31.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.78 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion:131 Resp: 72106
Ion Ratio Lower Upper
131 100
133 103.1 48.1 144.4
119 67.5 32.9 98.6





#67

Ethyl Benzene

Concen: 19.77 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

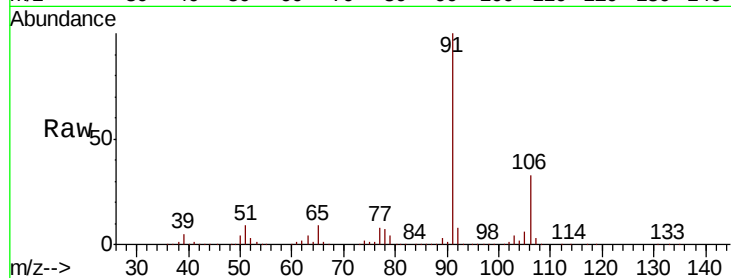
VX0907MBS01

Tot Ion: 91 Resp: 339407

Ion Ratio Lower Upper

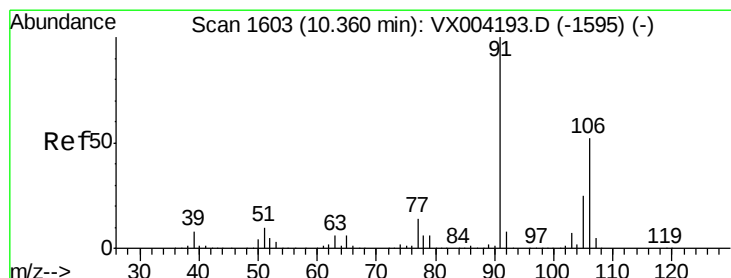
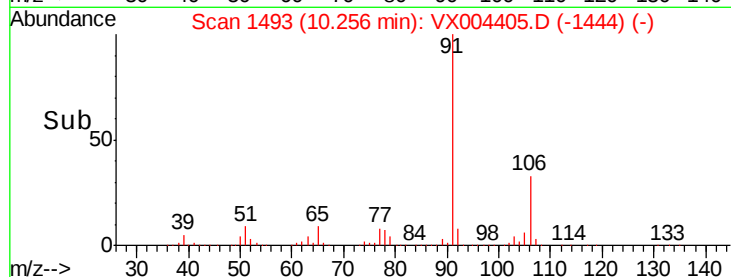
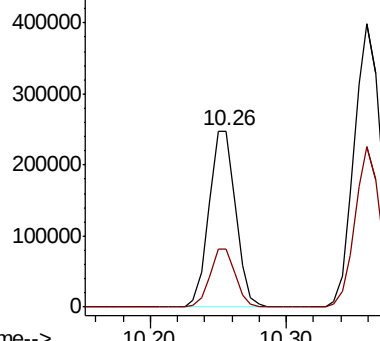
91 100

106 33.4 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 43.63 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004405.D

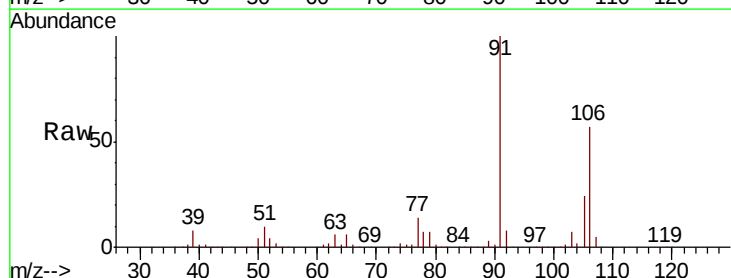
Acq: 07 Sep 2018 14:11

Tgt Ion: 106 Resp: 292883

Ion Ratio Lower Upper

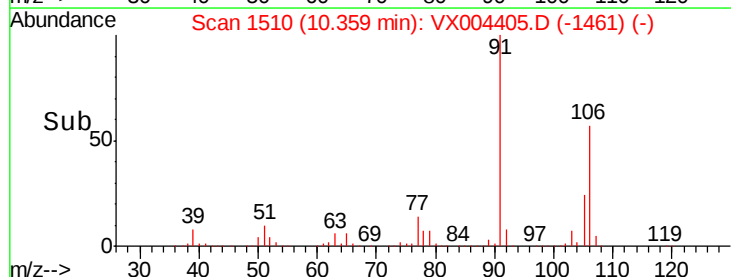
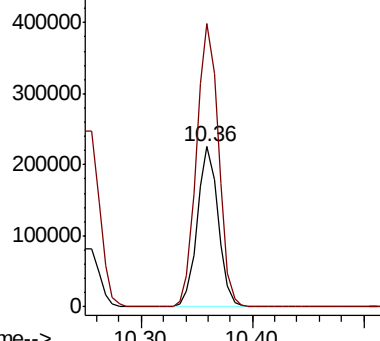
106 100

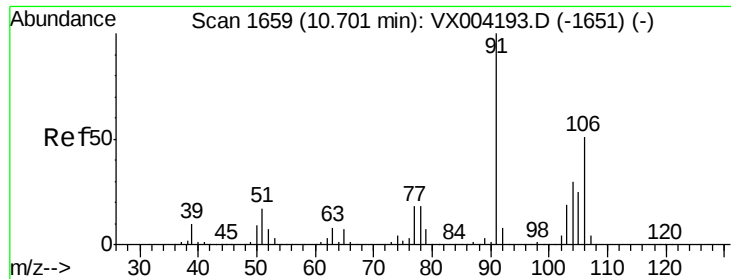
91 186.5 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

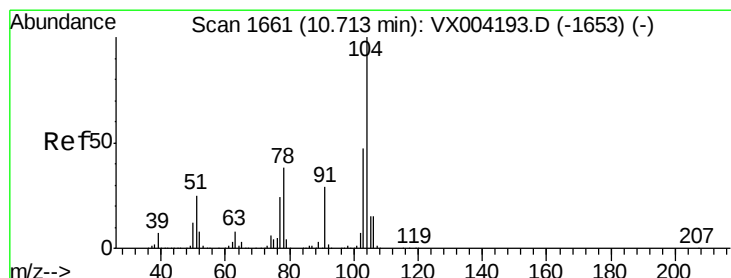
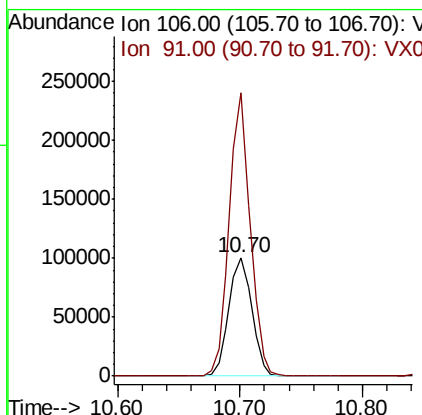
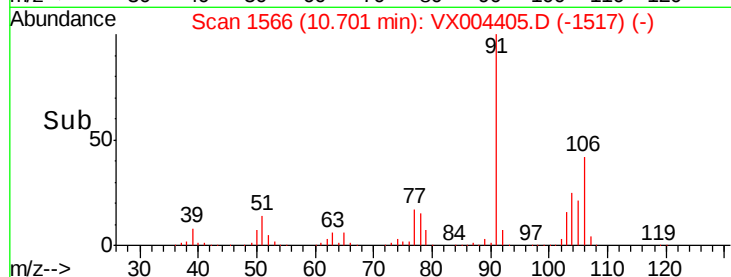
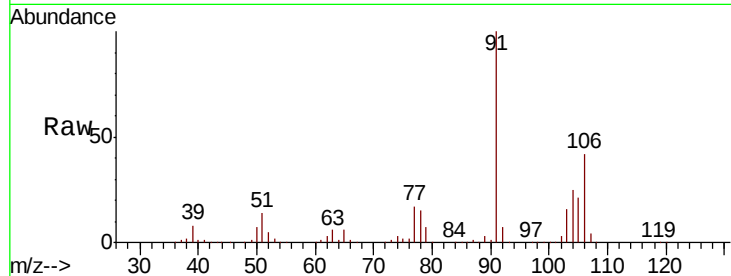




#69
o-Xylene
Concen: 20.63 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

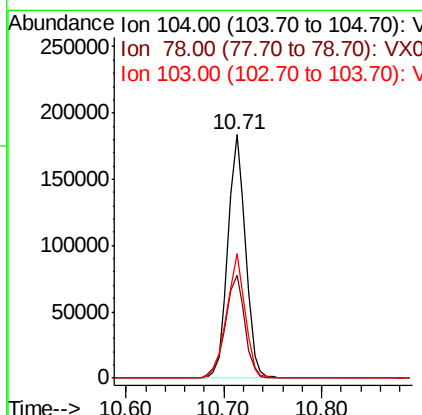
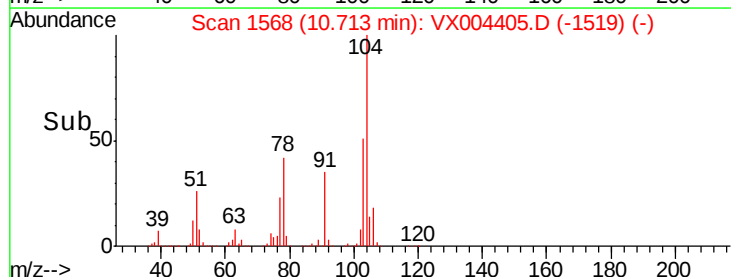
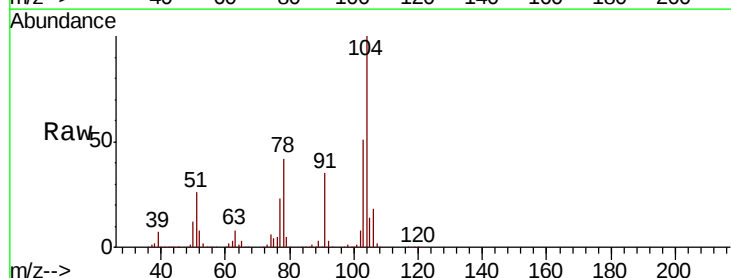
Instrument :
MSVOA_X
ClientSampled :
VX0907MBS01

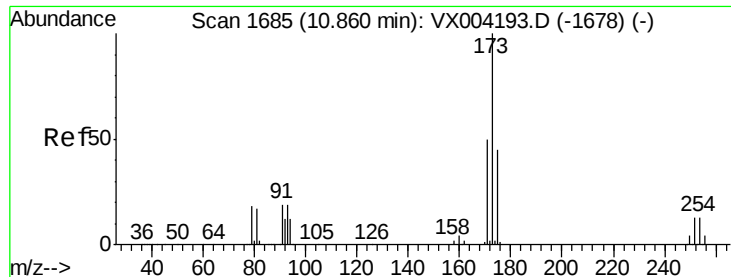
Tot Ion:106 Resp: 130980
Ion Ratio Lower Upper
106 100
91 218.1 105.1 315.1



#70
Styrene
Concen: 22.46 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion:104 Resp: 230873
Ion Ratio Lower Upper
104 100
78 46.9 37.4 56.0
103 53.5 43.8 65.6





#71

Bromoform

Concen: 20.93 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

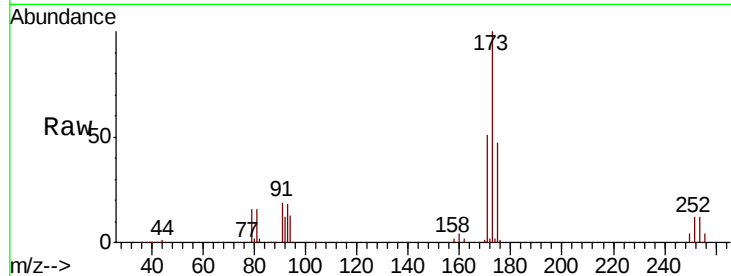
Tot Ion:173 Resp: 61523

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.3

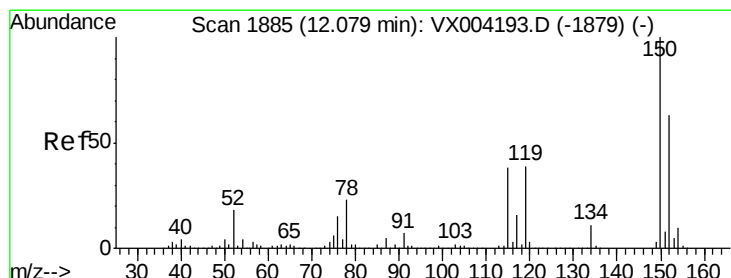
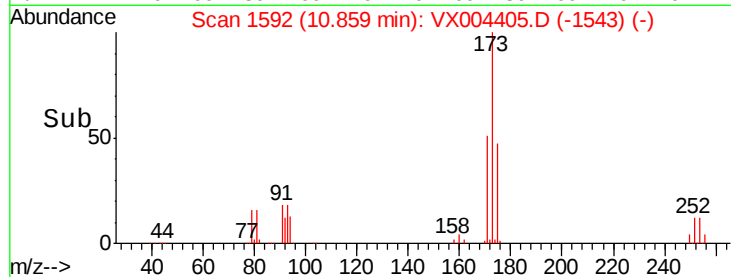
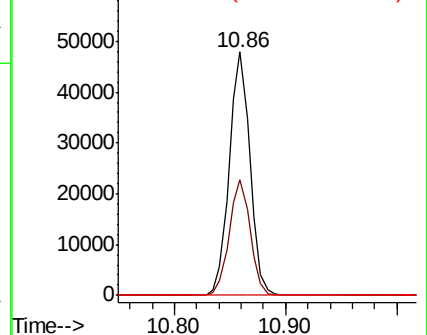
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

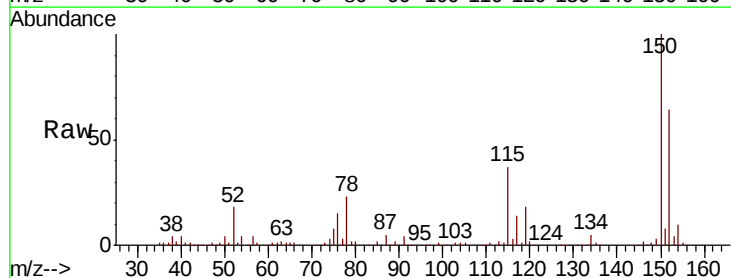
Tgt Ion:152 Resp: 288974

Ion Ratio Lower Upper

152 100

115 63.4 39.0 117.0

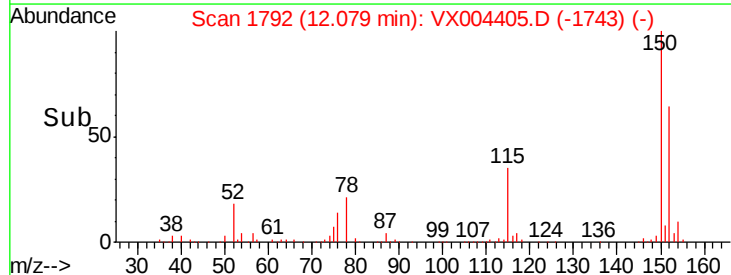
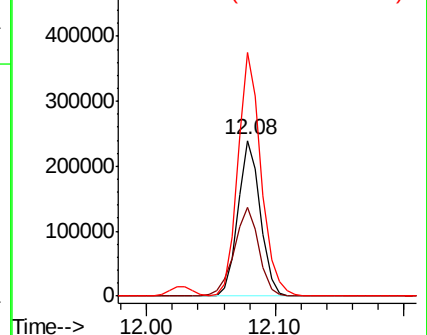
150 162.8 0.0 351.0

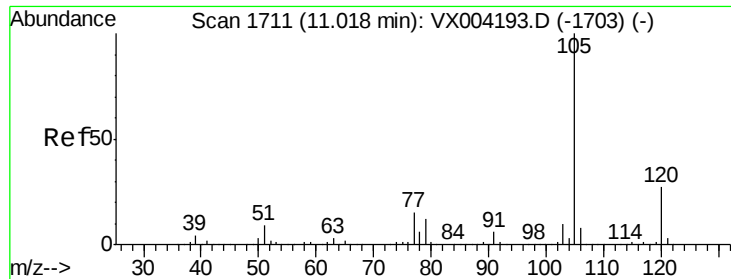


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.55 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

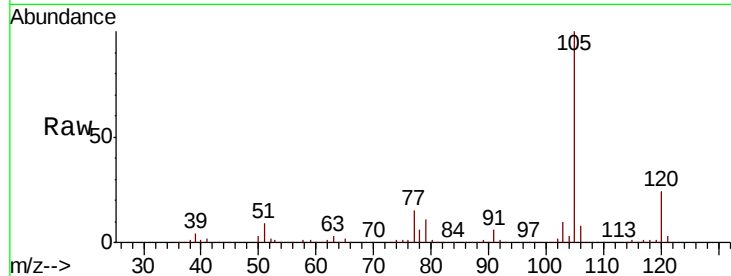
VX0907MBS01

Tot Ion:105 Resp: 389947

Ion Ratio Lower Upper

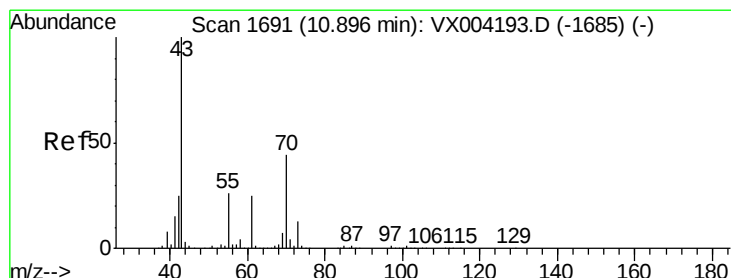
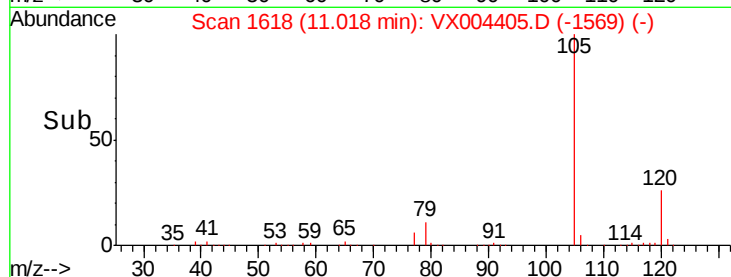
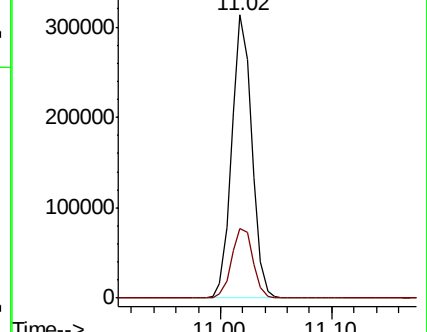
105 100

120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.06 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Tgt Ion: 43 Resp: 139277

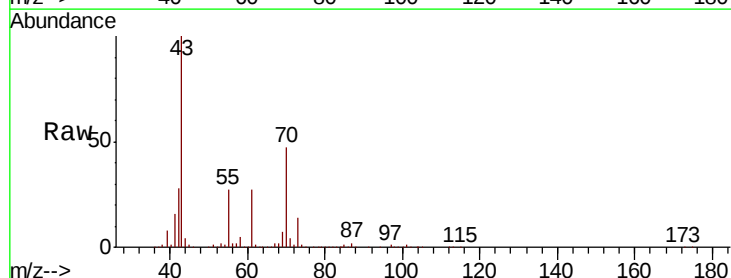
Ion Ratio Lower Upper

43 100

70 47.2 37.4 56.0

55 28.3 21.8 32.8

61 25.9 20.6 30.8

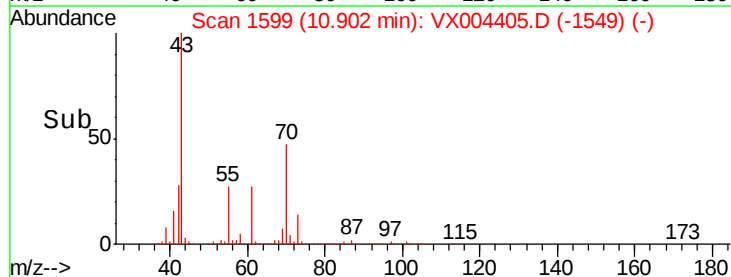
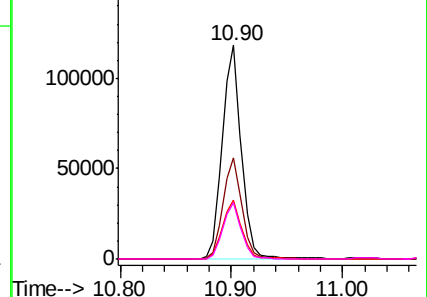


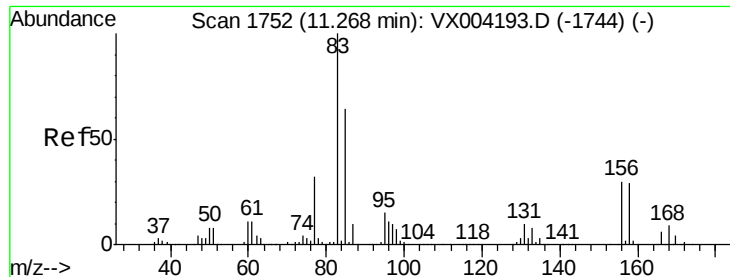
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.26 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

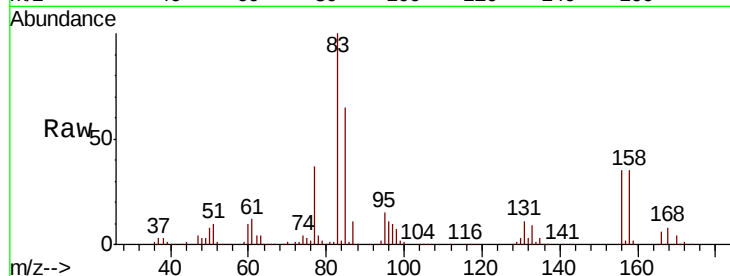
Tot Ion: 83 Resp: 127939

Ion Ratio Lower Upper

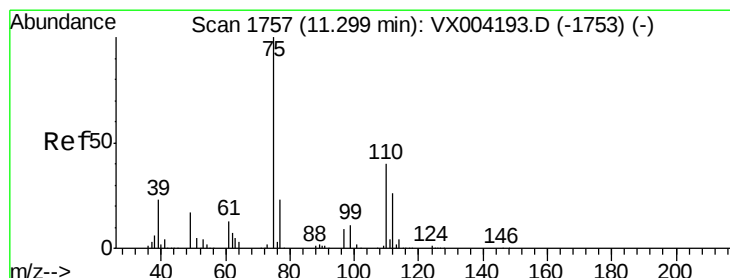
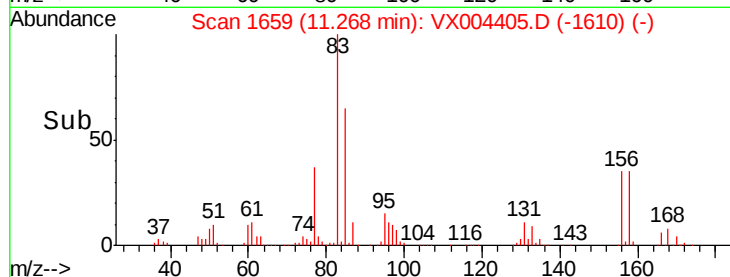
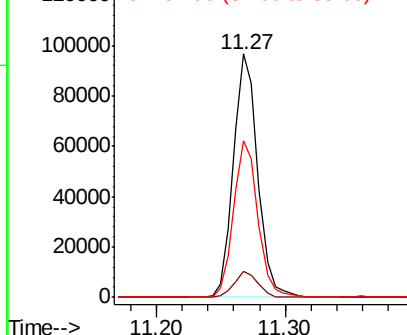
83 100

131 10.4 5.2 15.6

85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.61 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004405.D

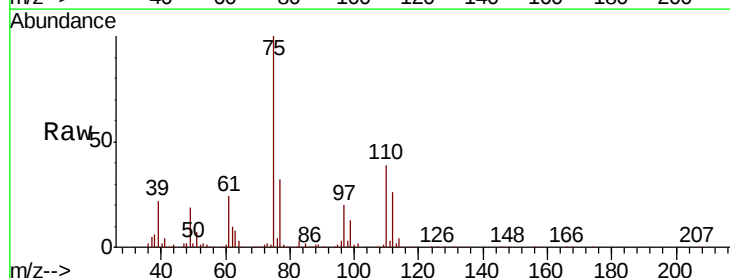
Acq: 07 Sep 2018 14:11

Tgt Ion: 75 Resp: 144645

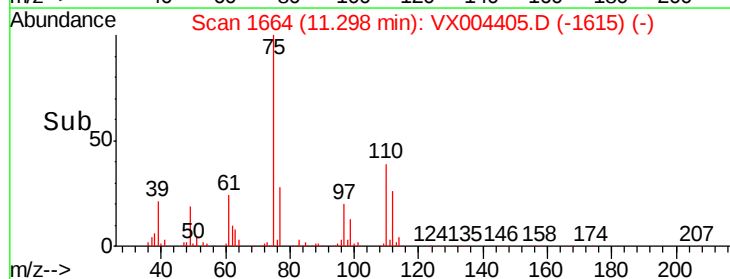
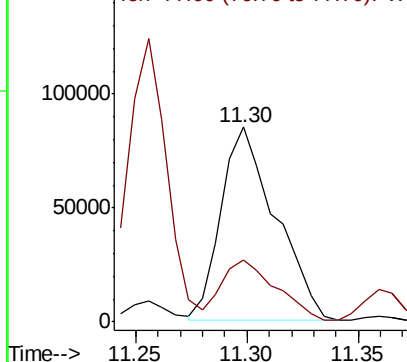
Ion Ratio Lower Upper

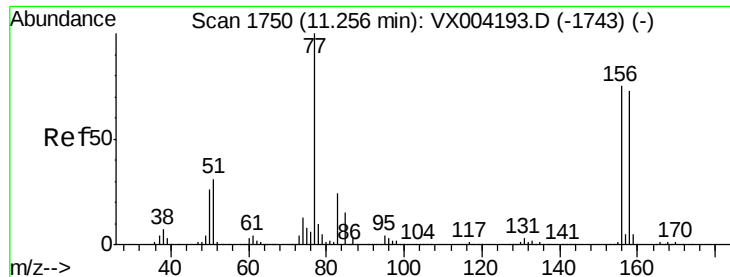
75 100

77 32.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.86 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

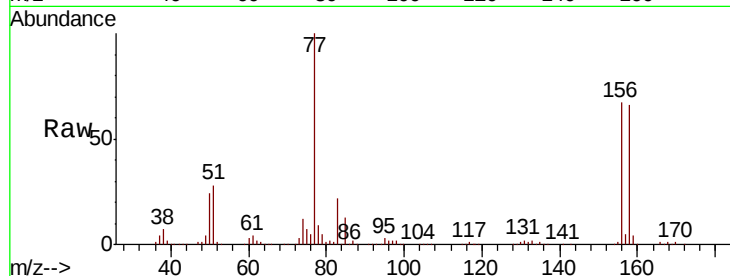
Tot Ion:156 Resp: 105751

Ion Ratio Lower Upper

156 100

77 144.8 71.5 214.3

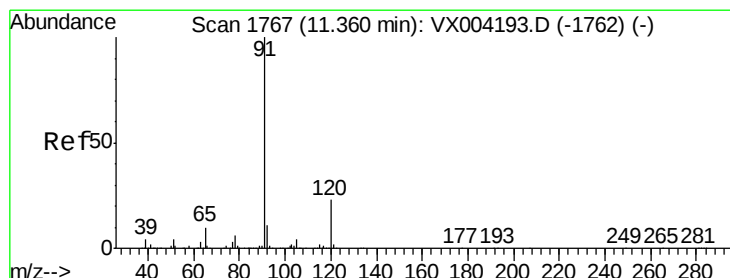
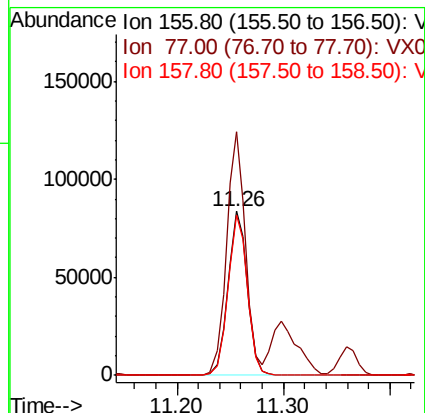
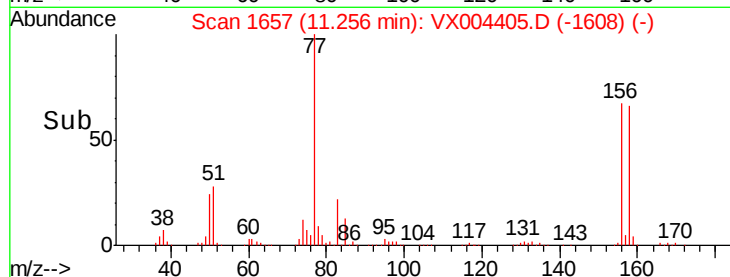
158 97.6 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.40 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004405.D

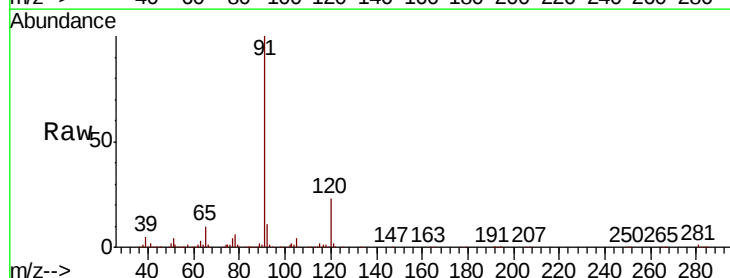
Acq: 07 Sep 2018 14:11

Tgt Ion: 91 Resp: 445349

Ion Ratio Lower Upper

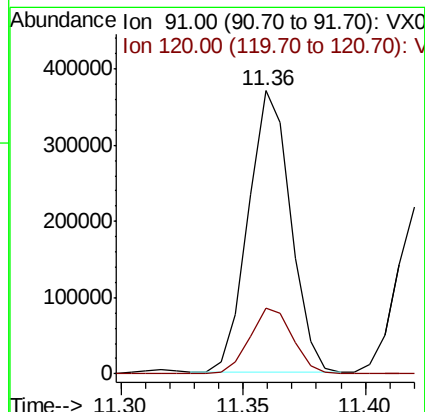
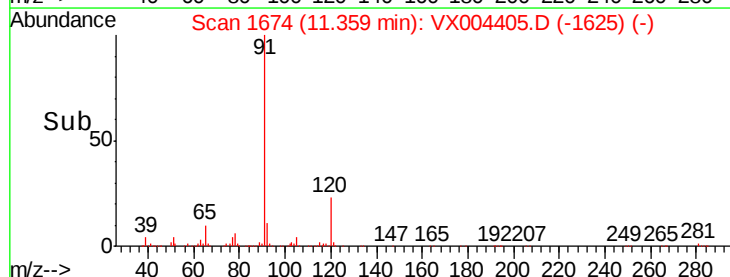
91 100

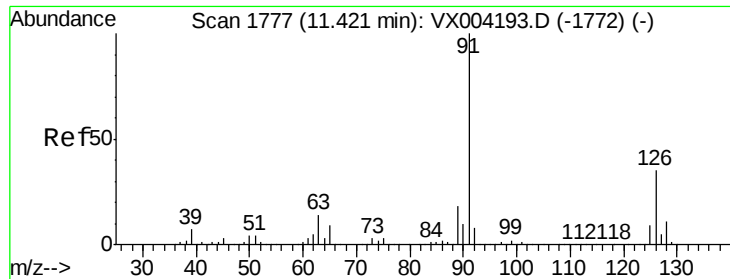
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

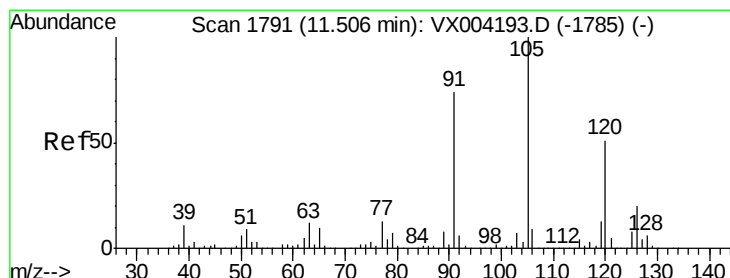
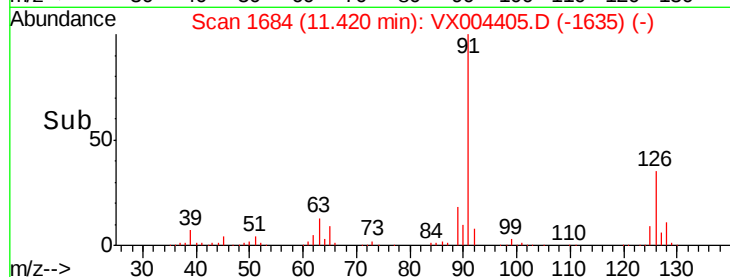
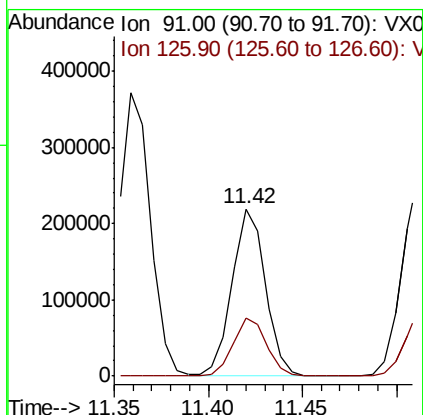
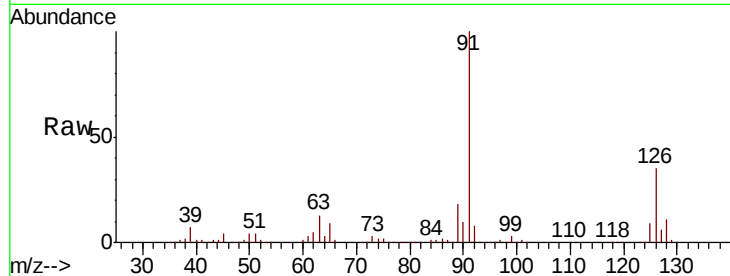




#79
 2-Chlorotoluene
 Concen: 19.97 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

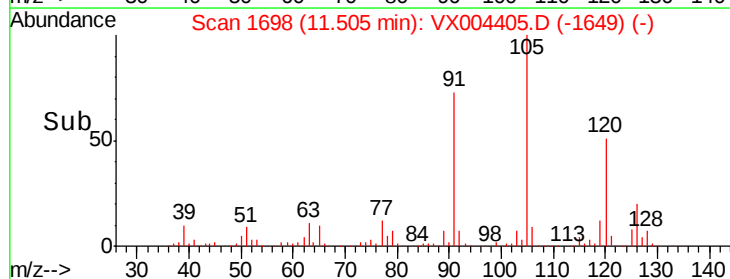
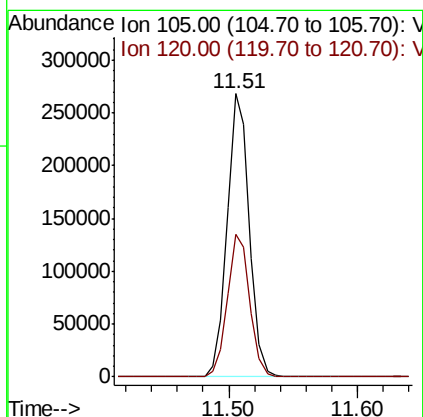
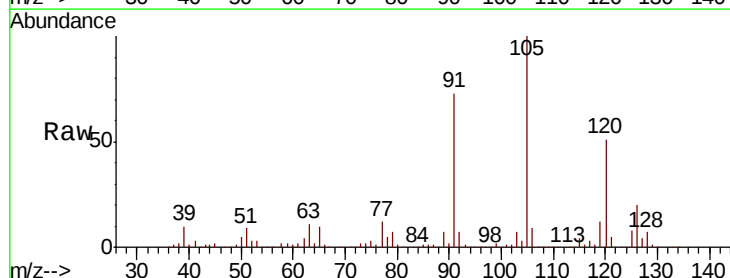
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBS01

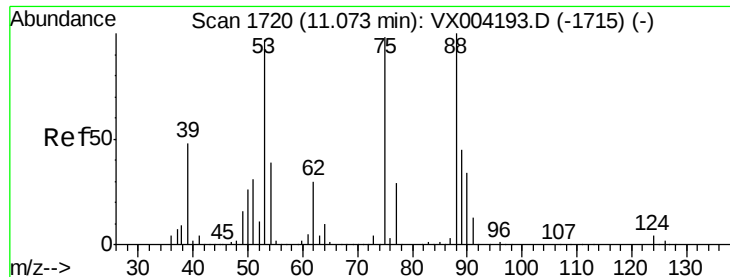
Tot Ion: 91 Resp: 268335
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.60 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Tgt Ion: 105 Resp: 323776
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.44 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

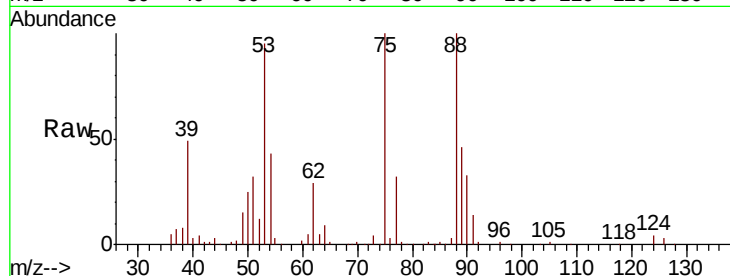
Tot Ion: 75 Resp: 35216

Ion Ratio Lower Upper

75 100

53 101.2 80.1 120.1

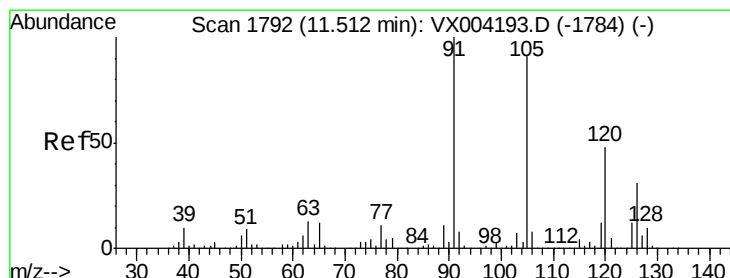
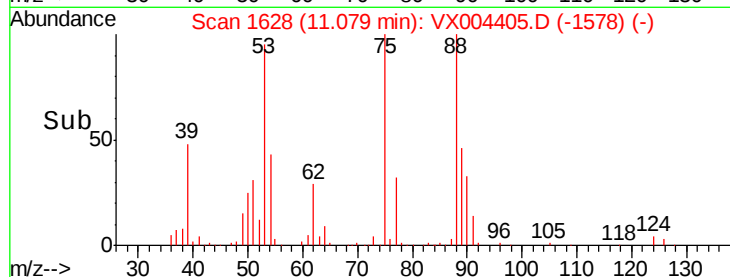
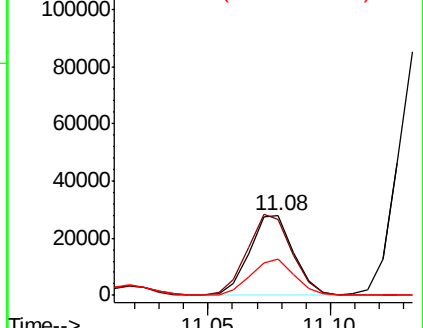
89 45.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.78 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004405.D

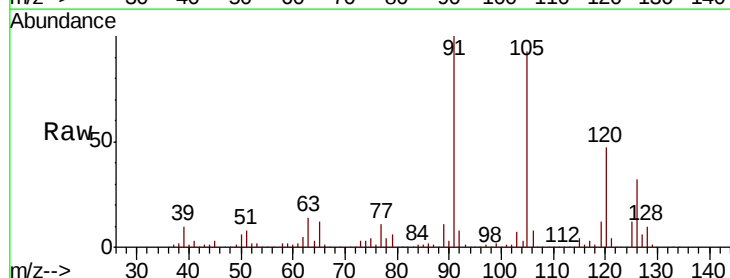
Acq: 07 Sep 2018 14:11

Tgt Ion: 91 Resp: 312735

Ion Ratio Lower Upper

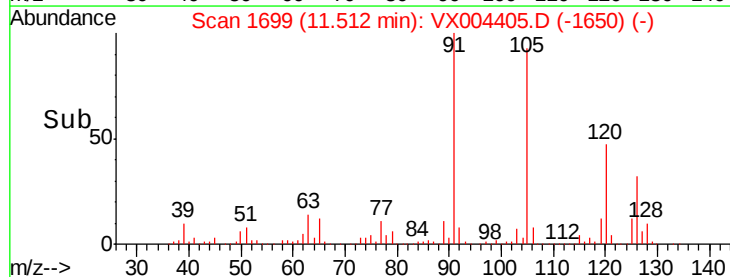
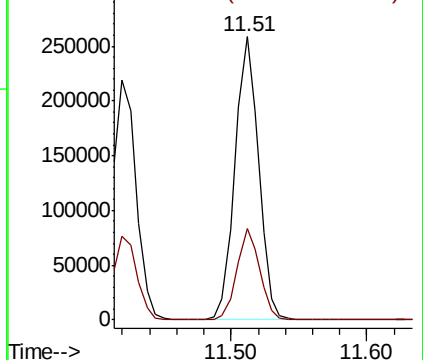
91 100

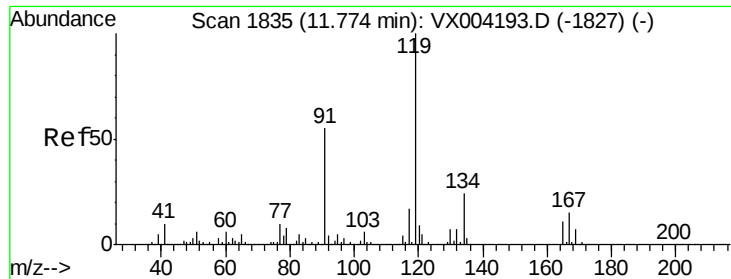
126 31.3 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.10 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

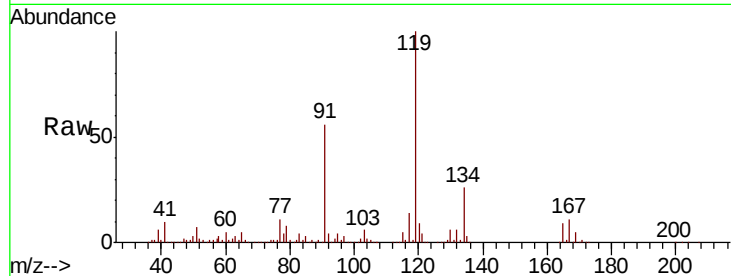
Tot Ion:119 Resp: 317795

Ion Ratio Lower Upper

119 100

91 55.9 27.0 81.0

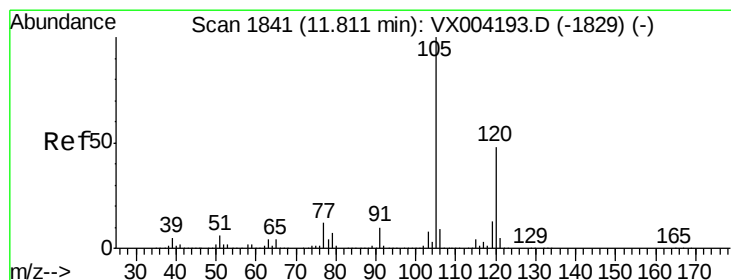
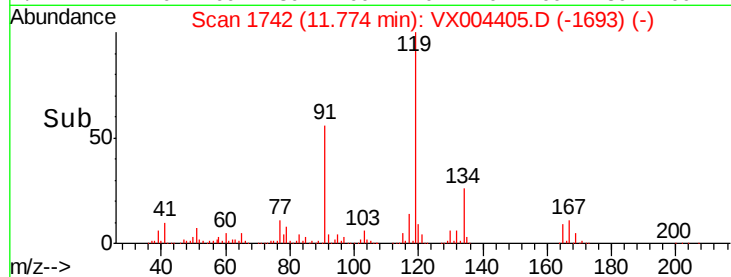
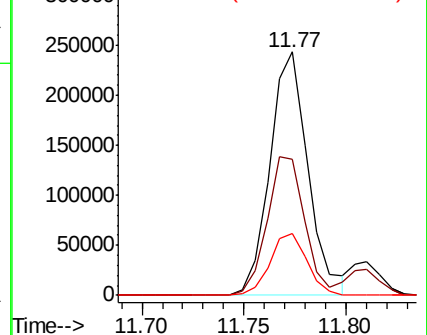
134 24.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.79 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004405.D

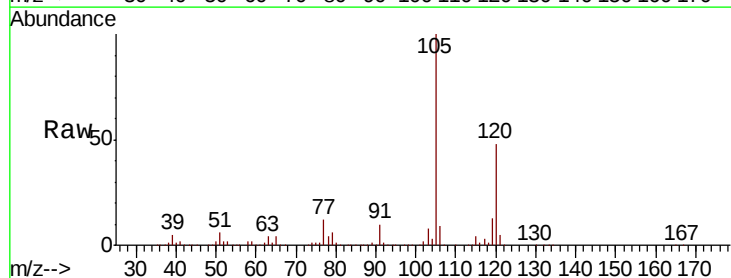
Acq: 07 Sep 2018 14:11

Tgt Ion:105 Resp: 335463

Ion Ratio Lower Upper

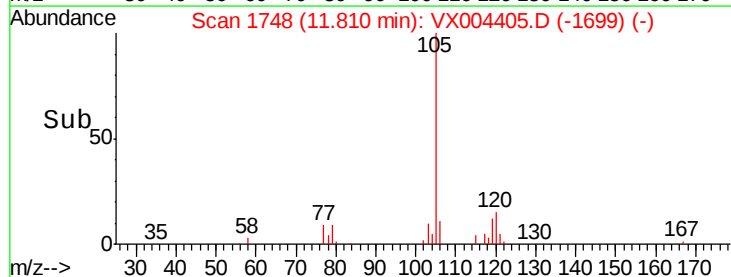
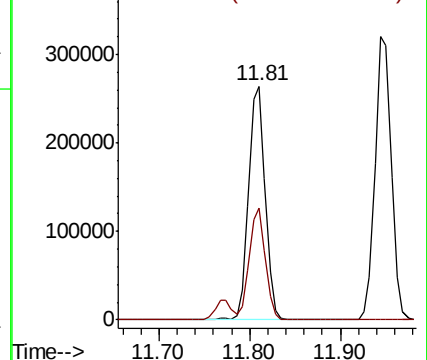
105 100

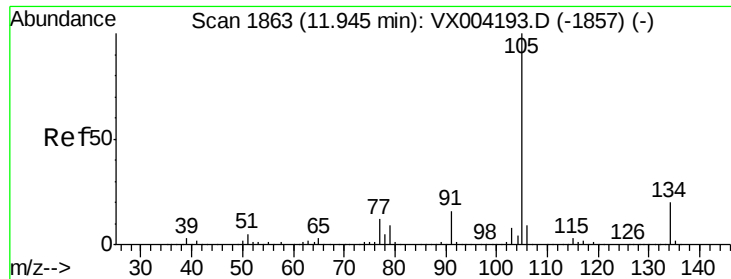
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.23 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

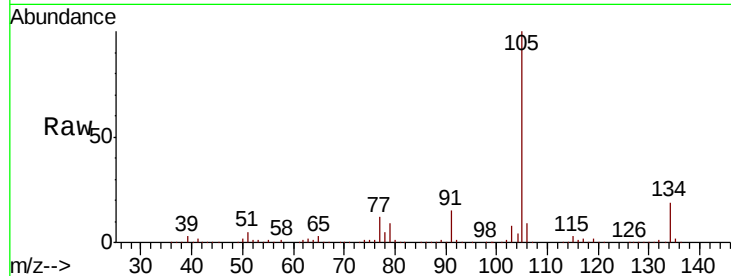
VX0907MBS01

Tot Ion:105 Resp: 398536

Ion Ratio Lower Upper

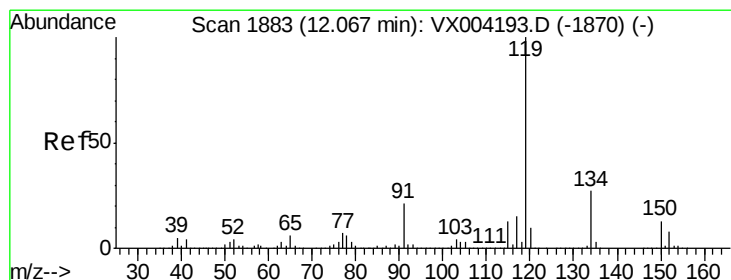
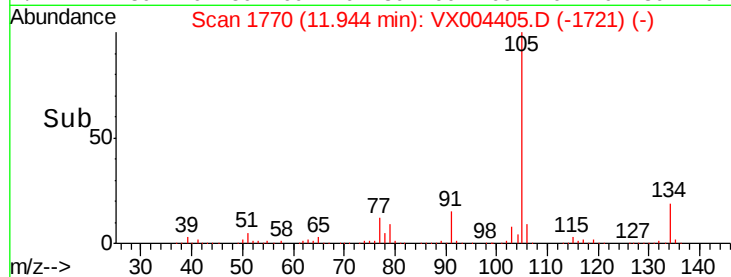
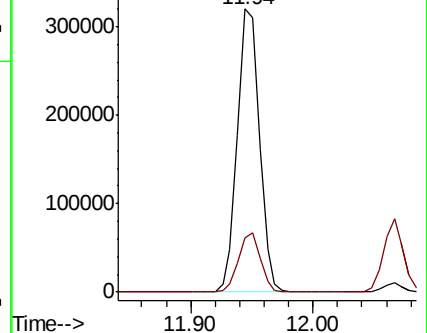
105 100

134 20.6 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.16 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

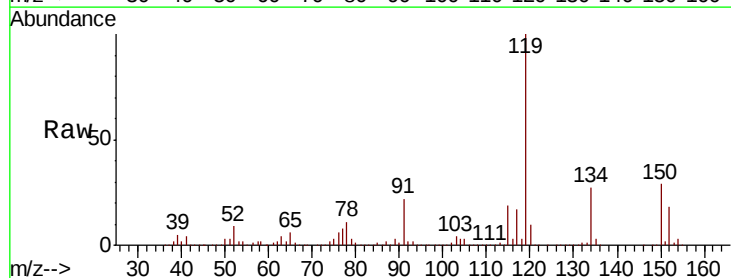
Tgt Ion:119 Resp: 356055

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

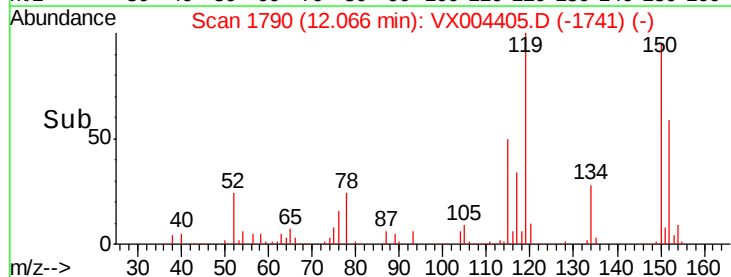
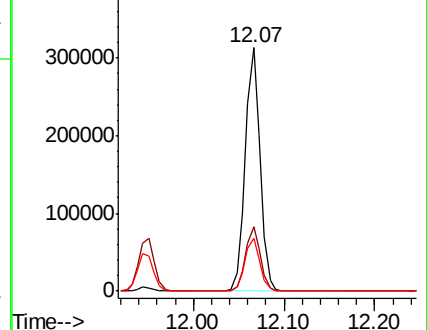
91 21.8 10.9 32.7

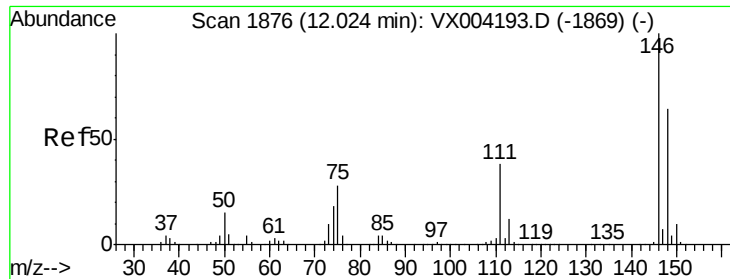


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

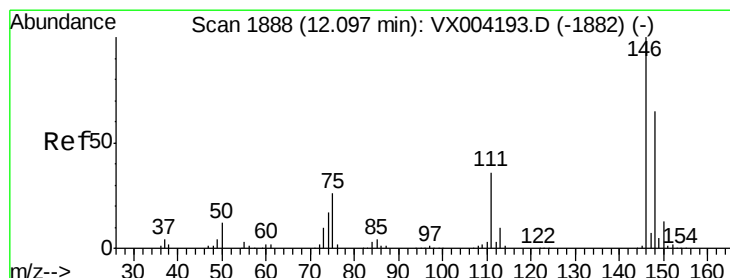
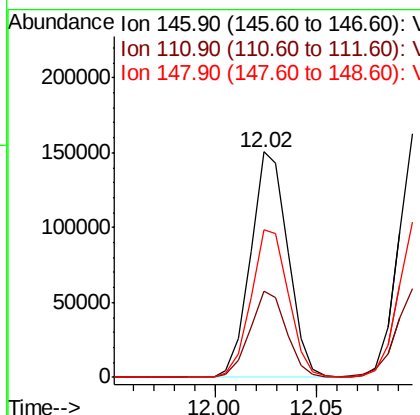
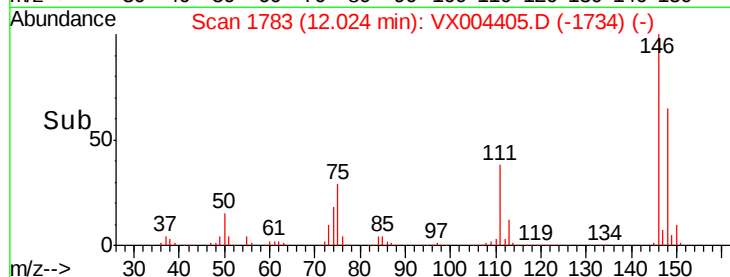
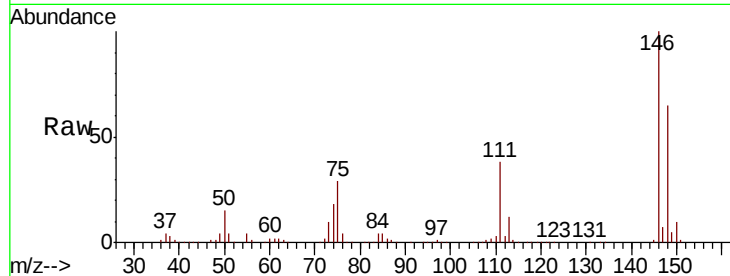




#87
 1,3-Dichlorobenzene
 Concen: 19.14 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

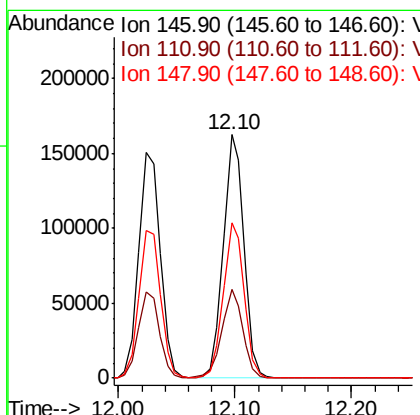
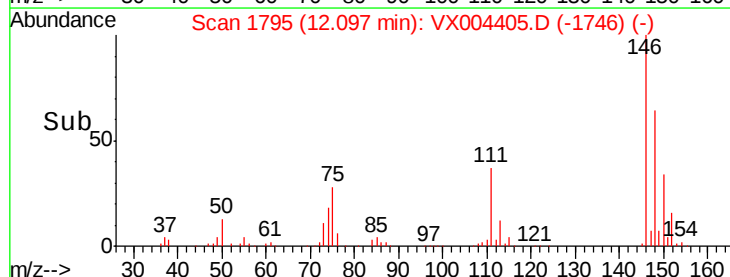
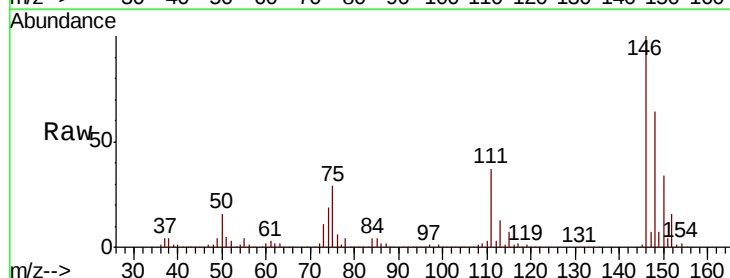
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBS01

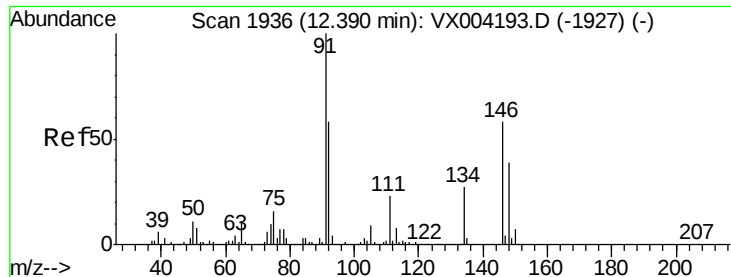
Tot Ion:146 Resp: 191892
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 65.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.68 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Tgt Ion:146 Resp: 197422
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.1 54.1
 148 64.2 32.0 96.0

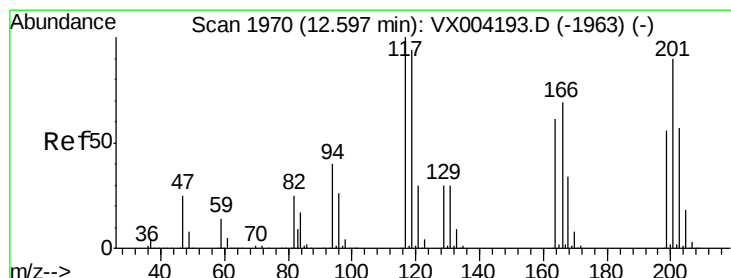
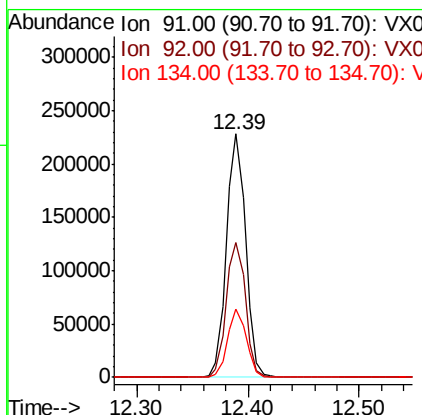
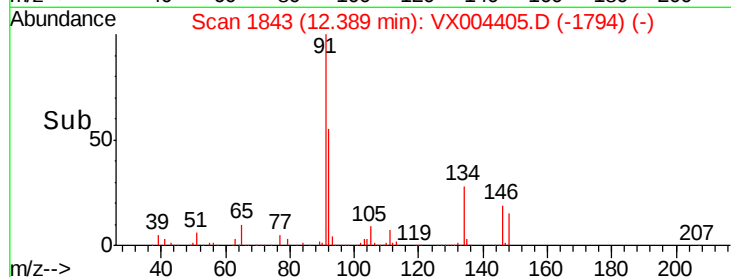
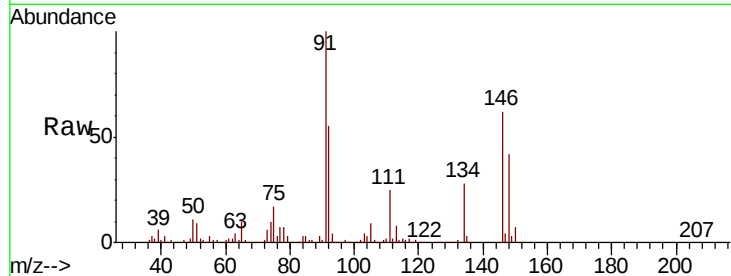




#89
n-Butylbenzene
Concen: 19.81 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

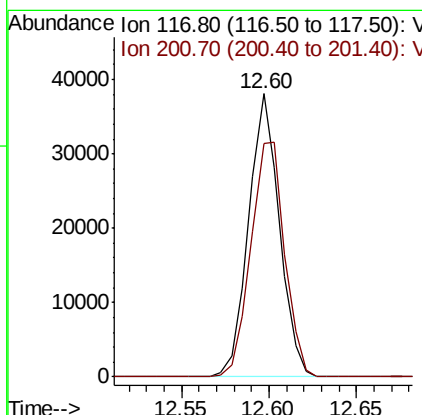
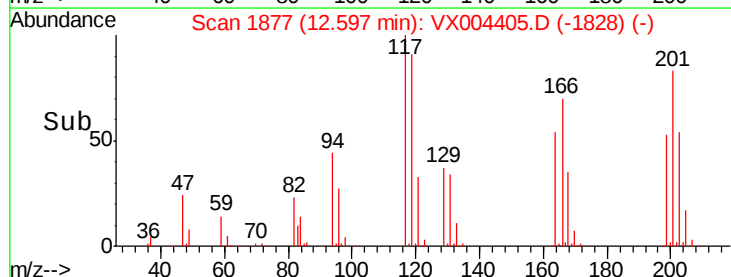
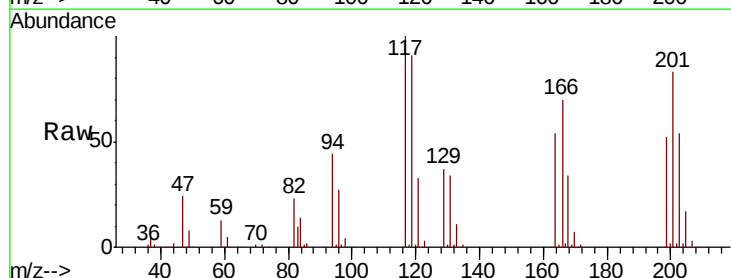
Instrument :
MSVOA_X
ClientSampleId :
VX0907MBS01

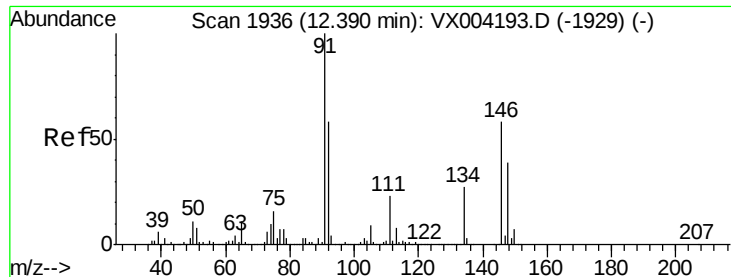
Tot Ion: 91 Resp: 270982
Ion Ratio Lower Upper
91 100
92 55.7 27.3 81.9
134 27.7 13.6 40.7



#90
Hexachloroethane
Concen: 19.77 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion: 117 Resp: 46502
Ion Ratio Lower Upper
117 100
201 91.3 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 19.74 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBS01

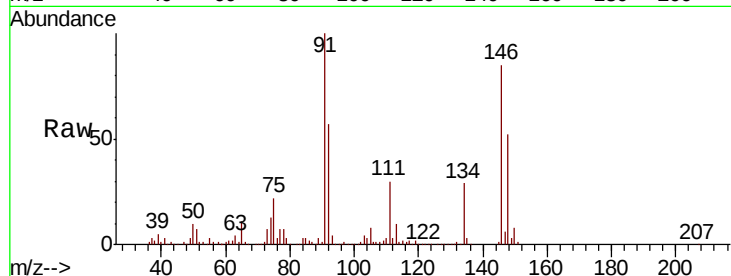
Tot Ion:146 Resp: 180816

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.1

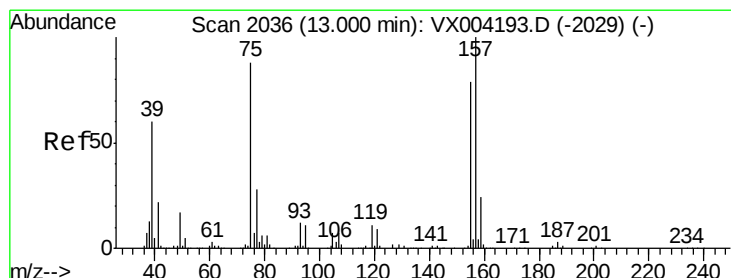
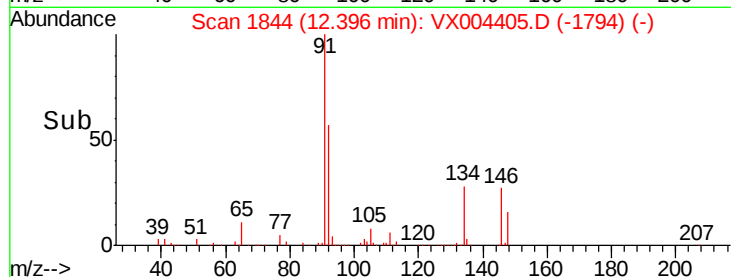
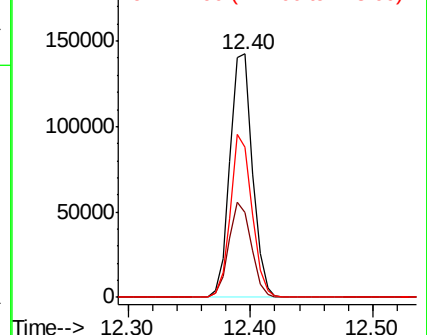
148 64.0 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.72 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004405.D

Acq: 07 Sep 2018 14:11

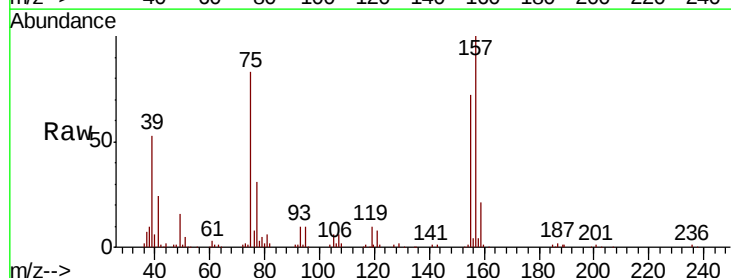
Tgt Ion: 75 Resp: 21894

Ion Ratio Lower Upper

75 100

155 102.7 48.0 144.2

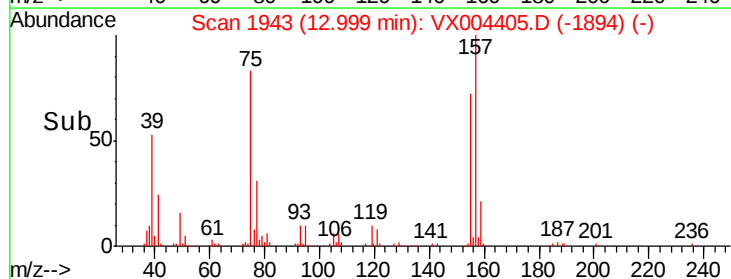
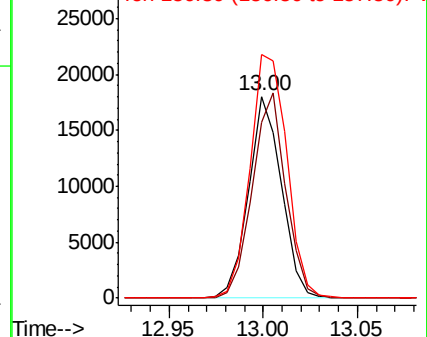
157 134.5 61.4 184.1

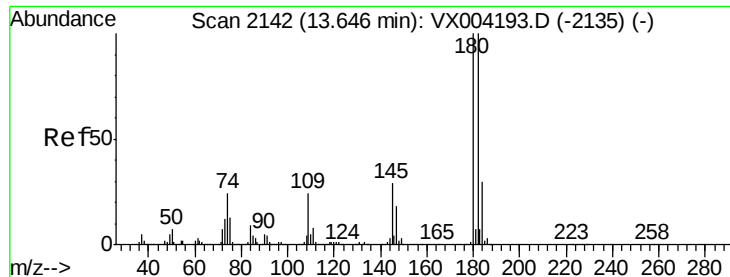


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

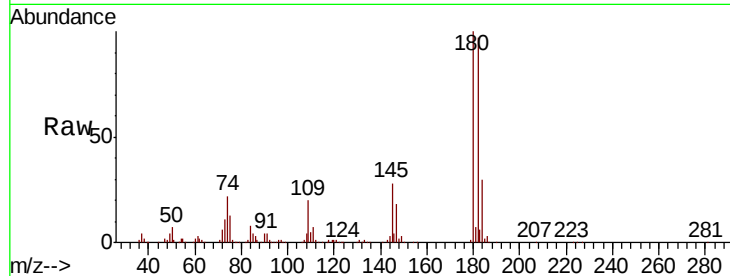




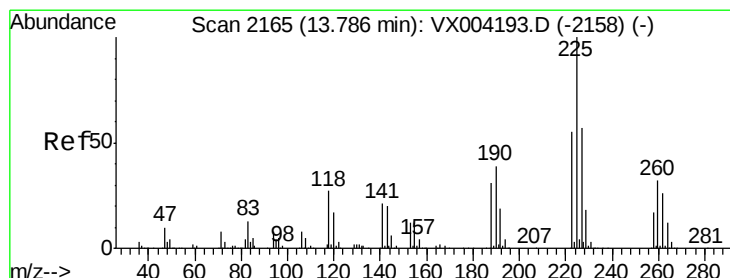
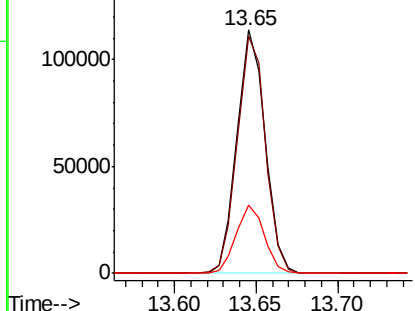
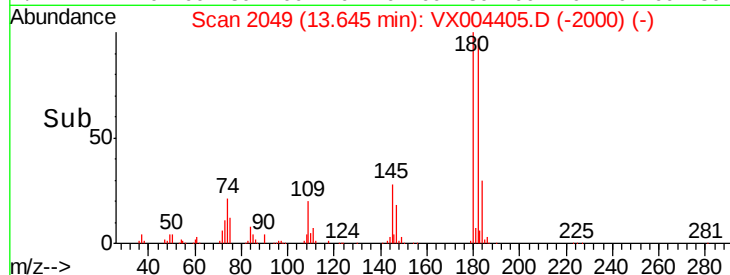
#93
 1,2,4-Trichlorobenzene
 Concen: 20.58 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.4	145.0
145	28.1	14.3	42.9

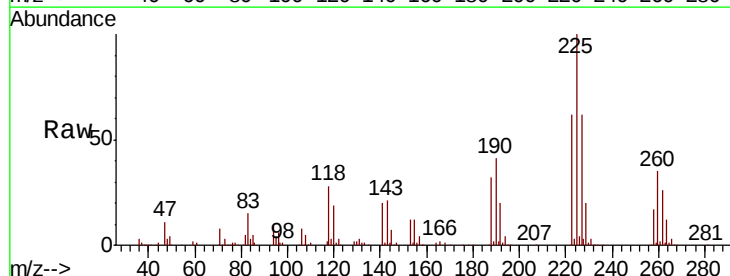


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

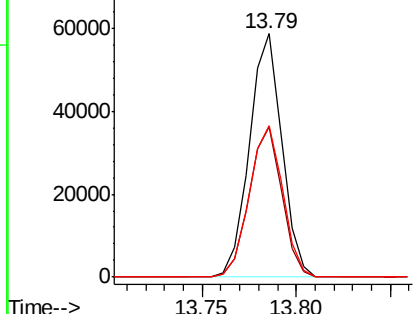
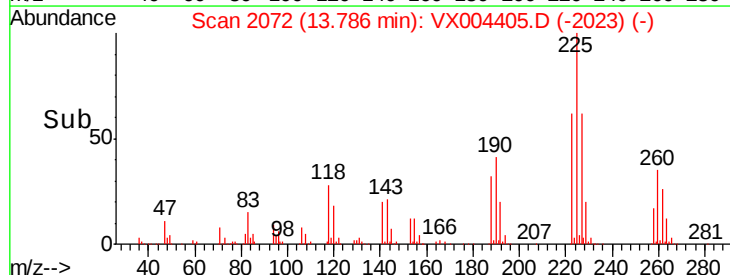


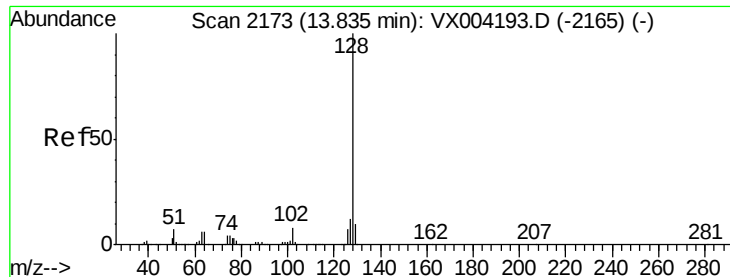
#94
 Hexachlorobutadiene
 Concen: 22.55 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004405.D
 Acq: 07 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.1	90.5
227	64.0	30.8	92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

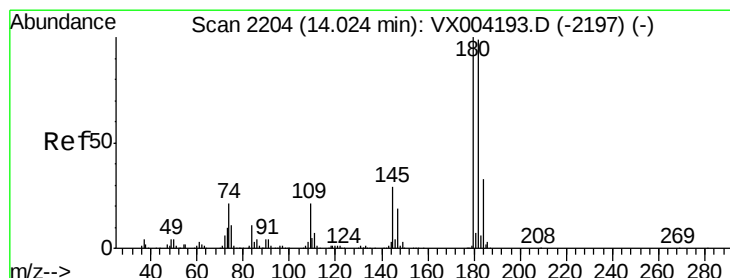
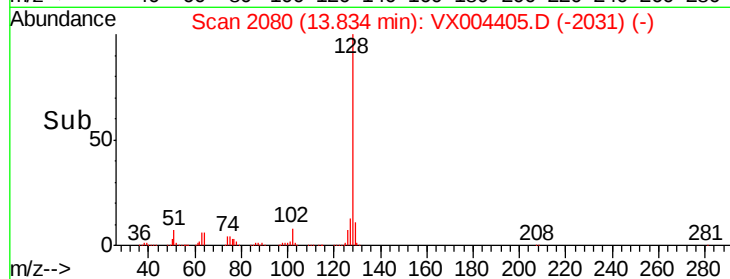
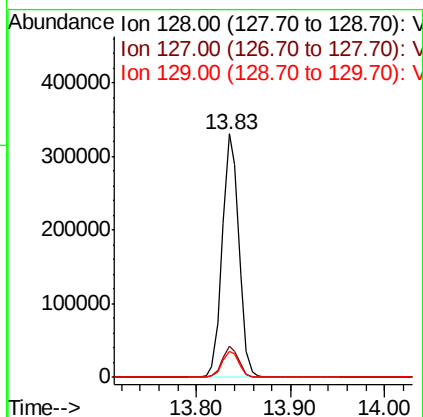
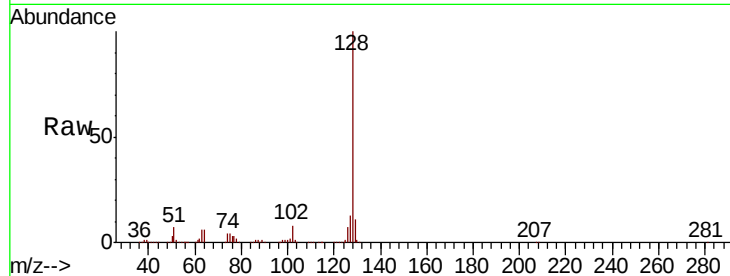




#95
Naphthalene
Concen: 21.50 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0907MBS01

Tot Ion:128 Resp: 405369
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.61 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004405.D
Acq: 07 Sep 2018 14:11

Tgt Ion:180 Resp: 145460
Ion Ratio Lower Upper
180 100
182 95.6 48.5 145.6
145 30.0 14.9 44.9

