

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004403.D
 Acq On : 07 Sep 2018 12:58
 Operator : JC/MD
 Sample : VX0907WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS01

Quant Time: Sep 08 03:20:10 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	349171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	500584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	454930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	294940	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	212776	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	5.50	113	186629	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.71	98	699036	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.14	95	270916	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	60739	15.02	ug/l	95
3) Chloromethane	1.32	50	73060	16.54	ug/l	100
4) Vinyl Chloride	1.40	62	78487	17.16	ug/l	97
5) Bromomethane	1.64	94	43002	17.76	ug/l	99
6) Chloroethane	1.72	64	56878	16.87	ug/l	100
7) Trichlorofluoromethane	1.93	101	113422	18.09	ug/l	98
8) Diethyl Ether	2.18	74	52842	19.68	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	73191	18.64	ug/l	99
10) Methyl Iodide	2.51	142	63261	17.32	ug/l	98
11) Tert butyl alcohol	3.06	59	96511	99.49	ug/l	100
12) 1,1-Dichloroethene	2.37	96	66252	17.91	ug/l	98
13) Acrolein	2.29	56	17080	73.03	ug/l	97
14) Allyl chloride	2.73	41	131494	19.35	ug/l	98
15) Acrylonitrile	3.14	53	234187	97.48	ug/l	100
16) Acetone	2.44	43	189158	96.87	ug/l	100
17) Carbon Disulfide	2.57	76	161143	16.23	ug/l	99
18) Methyl Acetate	2.78	43	169030	25.03	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	249263	20.45	ug/l	99
20) Methylene Chloride	2.85	84	82884	18.92	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	74135	18.11	ug/l	94
22) Diisopropyl ether	3.87	45	257206	20.27	ug/l	97
23) Vinyl Acetate	3.82	43	967805	94.10	ug/l	99
24) 1,1-Dichloroethane	3.70	63	145046	19.61	ug/l	99
25) 2-Butanone	4.70	43	299262	96.39	ug/l	98
26) 2,2-Dichloropropane	4.58	77	110970	19.13	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	88323	19.02	ug/l	99
28) Bromochloromethane	5.01	49	65540	20.02	ug/l	99
29) Tetrahydrofuran	5.15	42	186583	95.42	ug/l	100
30) Chloroform	5.21	83	144808	19.53	ug/l	100
31) Cyclohexane	5.57	56	114351	17.92	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	116210	18.80	ug/l	100
36) 1,1-Dichloropropene	5.79	75	103196	18.34	ug/l	99
37) Ethyl Acetate	4.85	43	105887	19.13	ug/l	99
38) Carbon Tetrachloride	5.78	117	98085	18.53	ug/l	96

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Quant Time: Sep 08 03:20:10 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	117455	18.28	ug/l	99
40) Benzene	6.14	78	325882	19.38	ug/l	100
41) Methacrylonitrile	5.06	41	63895	19.92	ug/l	99
42) 1,2-Dichloroethane	6.20	62	109566	19.10	ug/l	99
43) Isopropyl Acetate	6.46	43	168565	19.82	ug/l	99
44) Trichloroethene	7.21	130	88652	19.05	ug/l	100
45) 1,2-Dichloropropane	7.51	63	85260	20.26	ug/l	99
46) Dibromomethane	7.66	93	54205	19.34	ug/l	100
47) Bromodichloromethane	7.90	83	102344	19.63	ug/l	99
48) Methyl methacrylate	7.77	41	89559	19.68	ug/l	99
49) 1,4-Dioxane	7.75	88	41716	403.75	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	577191	93.41	ug/l	100
52) Toluene	8.78	92	208483	19.81	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	114672	19.91	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	128300	20.45	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	86631	20.39	ug/l	97
56) Ethyl methacrylate	9.18	69	118092	20.42	ug/l	97
57) 1,3-Dichloropropane	9.37	76	145939	20.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	305176	102.96	ug/l	99
59) 2-Hexanone	9.49	43	438650	93.05	ug/l	100
60) Dibromochloromethane	9.59	129	81925	19.79	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86612	19.70	ug/l	99
64) Tetrachloroethene	9.34	164	95970	21.35	ug/l	99
65) Chlorobenzene	10.14	112	231258	20.25	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	79104	20.09	ug/l	99
67) Ethyl Benzene	10.26	91	369529	19.93	ug/l	96
68) m/p-Xylenes	10.36	106	299552	41.31	ug/l	96
69) o-Xylene	10.70	106	140616	20.50	ug/l	96
70) Styrene	10.71	104	237315	21.37	ug/l	99
71) Bromoform	10.86	173	60963	19.20	ug/l #	100
73) Isopropylbenzene	11.02	105	394815	20.38	ug/l	100
74) N-amyl acetate	10.90	43	139655	18.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	126523	18.66	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	145515	24.26	ug/l	86
77) Bromobenzene	11.26	156	106387	19.58	ug/l	98
78) n-propylbenzene	11.36	91	454805	20.41	ug/l	100
79) 2-Chlorotoluene	11.42	91	276444	20.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	329114	20.52	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	33897	18.33	ug/l	97
82) 4-Chlorotoluene	11.51	91	320093	19.84	ug/l	100
83) tert-Butylbenzene	11.77	119	324856	20.13	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	339260	20.60	ug/l	99
85) sec-Butylbenzene	11.94	105	397701	20.75	ug/l	100
86) p-Isopropyltoluene	12.07	119	364508	21.23	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	200252	19.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	204917	19.00	ug/l	99
89) n-Butylbenzene	12.39	91	308187	22.07	ug/l	99
90) Hexachloroethane	12.60	117	48595	20.25	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	200853	21.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23521	19.70	ug/l	98

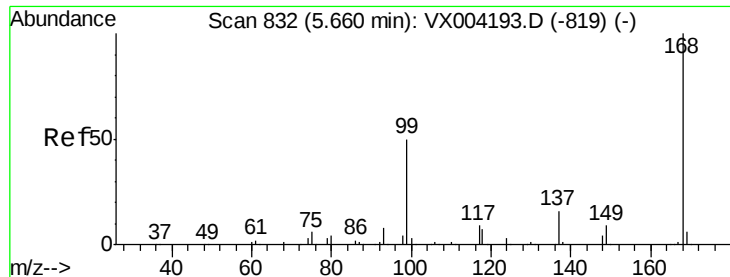
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
Data File : VX004403.D
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Quant Time: Sep 08 03:20:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139374	20.49	ug/l	98
94) Hexachlorobutadiene	13.79	225	69668	21.93	ug/l	96
95) Naphthalene	13.83	128	411924	21.41	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149555	20.77	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampled :

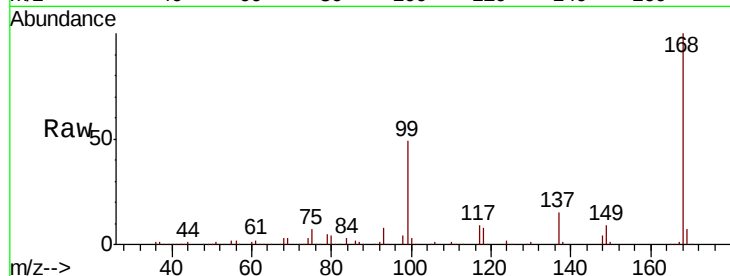
VX0907WBS01

Tot Ion:168 Resp: 349171

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

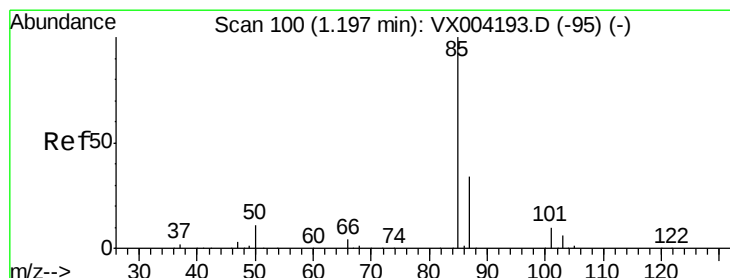
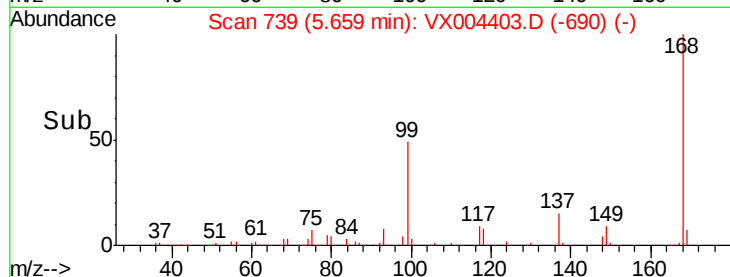
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.02 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004403.D

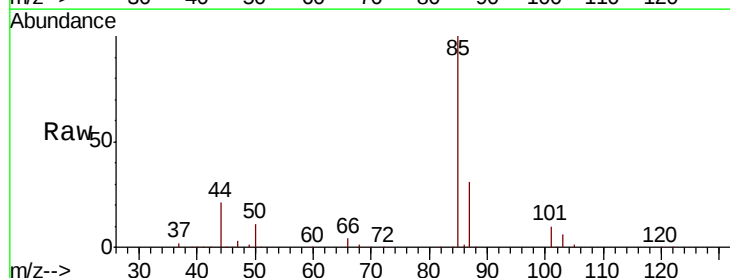
Acq: 07 Sep 2018 12:58

Tgt Ion: 85 Resp: 60739

Ion Ratio Lower Upper

85 100

87 31.2 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

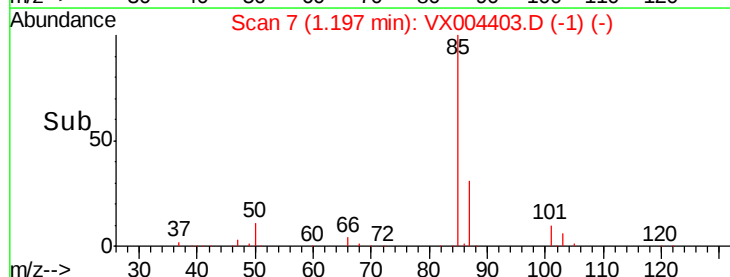
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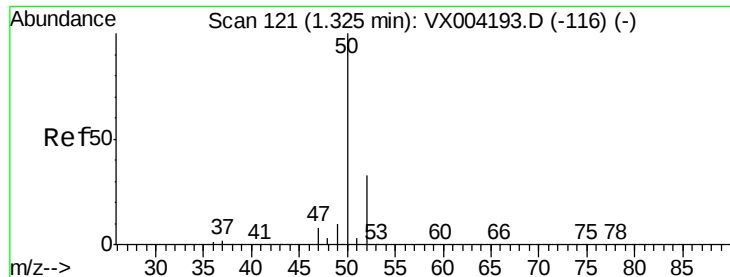
40000

20000

0

Time-->





#3

Chloromethane

Concen: 16.54 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

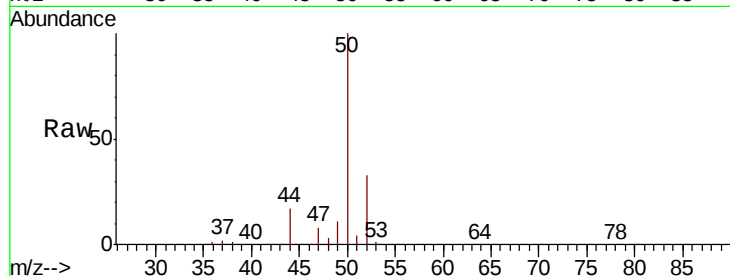
VX0907WBS01

Tot Ion: 50 Resp: 73060

Ion Ratio Lower Upper

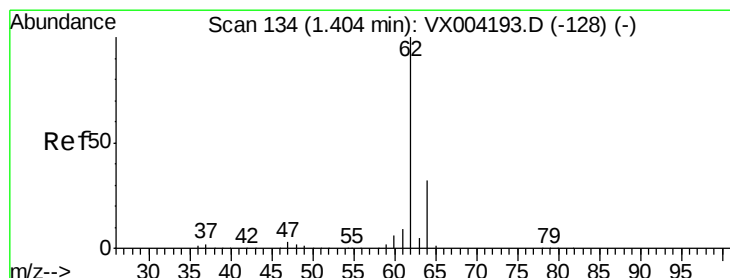
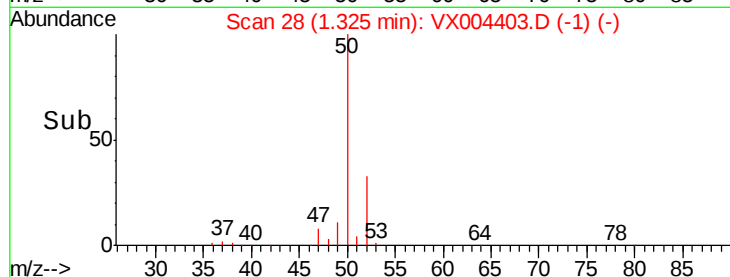
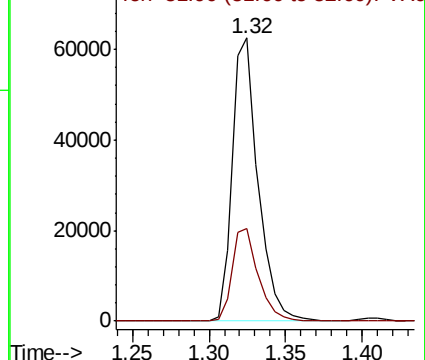
50 100

52 32.8 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: 17.16 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004403.D

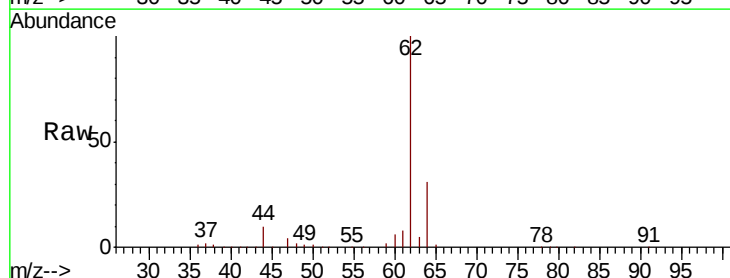
Acq: 07 Sep 2018 12:58

Tgt Ion: 62 Resp: 78487

Ion Ratio Lower Upper

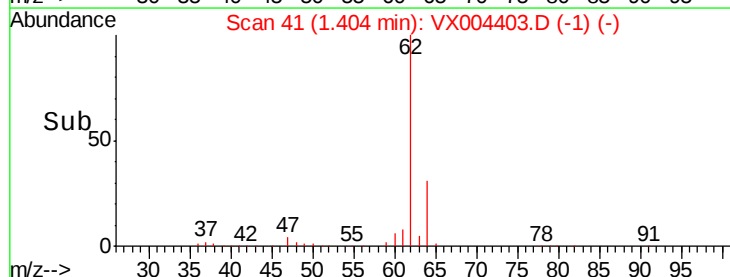
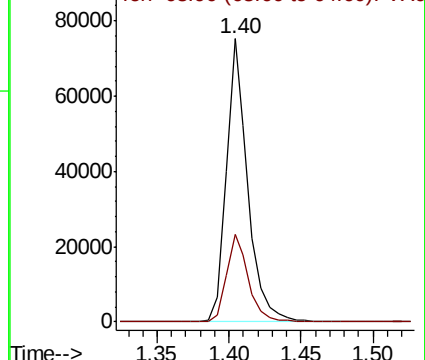
62 100

64 30.9 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: 17.76 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

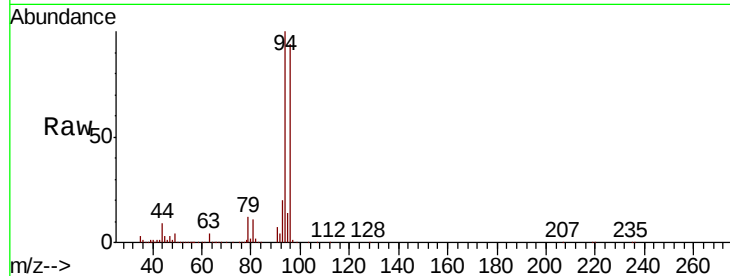
VX0907WBS01

Tot Ion: 94 Resp: 43002

Ion Ratio Lower Upper

94 100

96 94.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

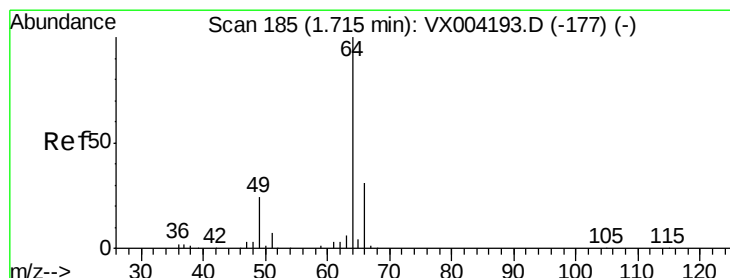
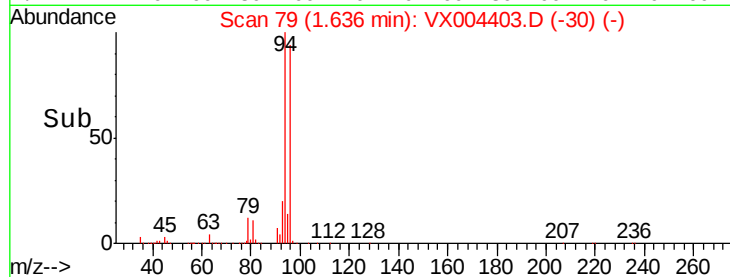
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 16.87 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004403.D

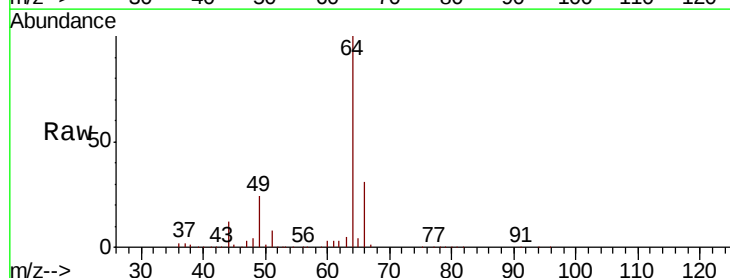
Acq: 07 Sep 2018 12:58

Tgt Ion: 64 Resp: 56878

Ion Ratio Lower Upper

64 100

66 30.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

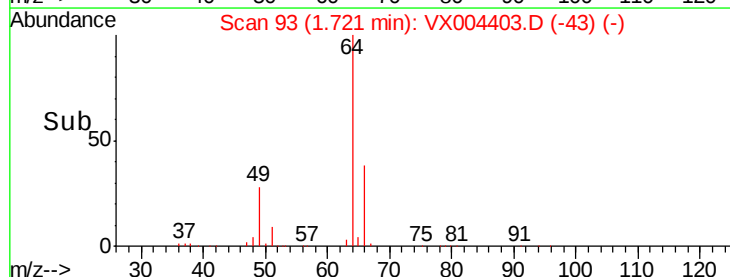
20000

10000

0

Time-->

1.60 1.70 1.80





#7

Trichlorofluoromethane

Concen: 18.09 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

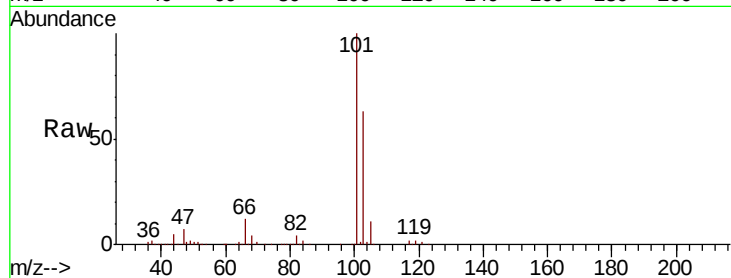
VX0907WBS01

Tot Ion:101 Resp: 113422

Ion Ratio Lower Upper

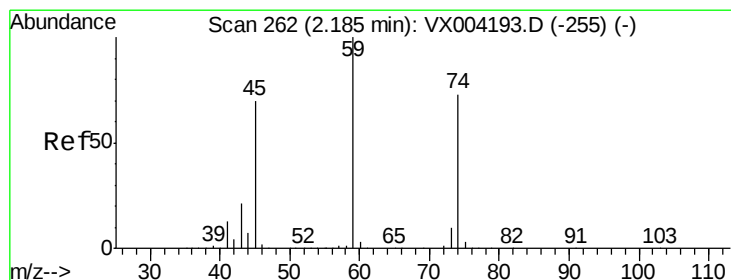
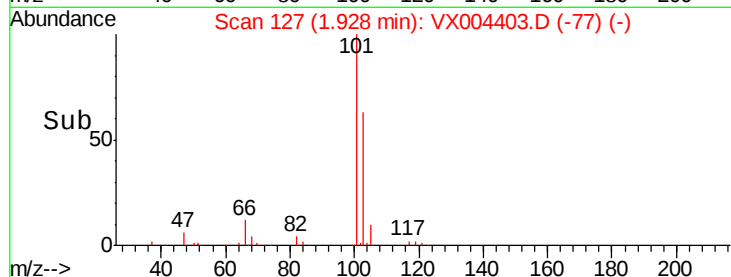
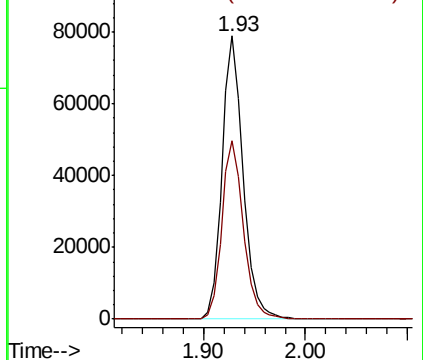
101 100

103 62.9 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: 19.68 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX004403.D

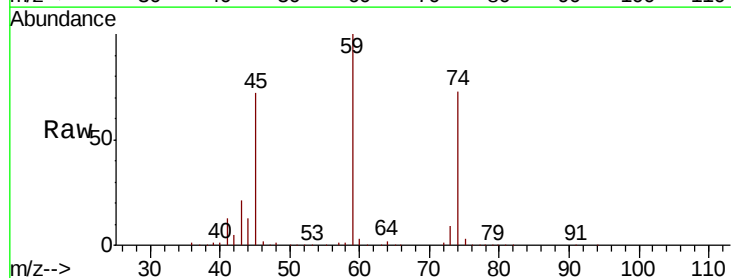
Acq: 07 Sep 2018 12:58

Tgt Ion: 74 Resp: 52842

Ion Ratio Lower Upper

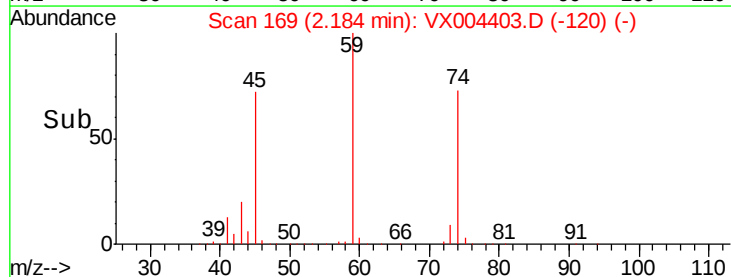
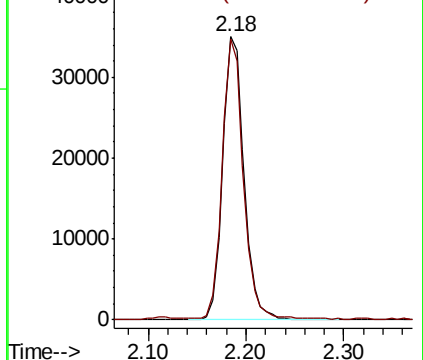
74 100

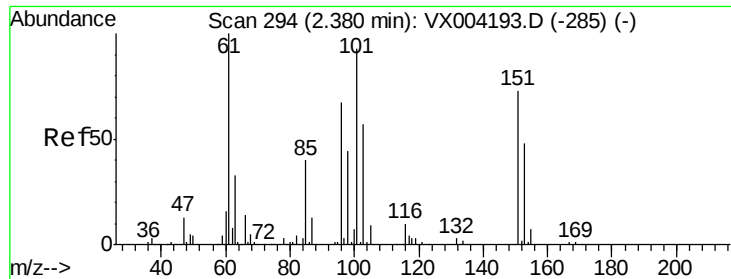
45 97.2 48.3 144.8



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: 18.64 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

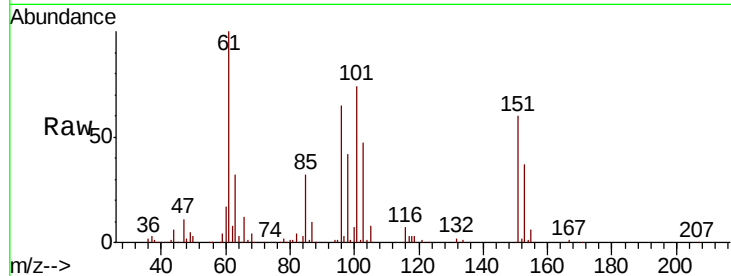
Tot Ion:101 Resp: 73191

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

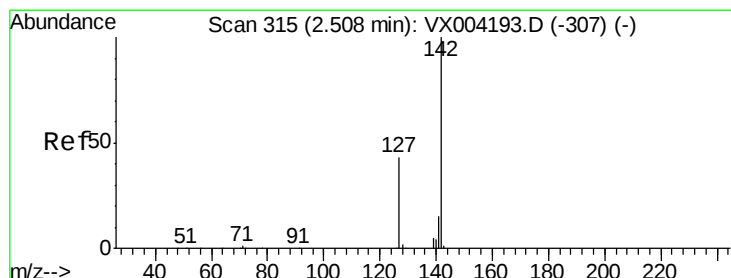
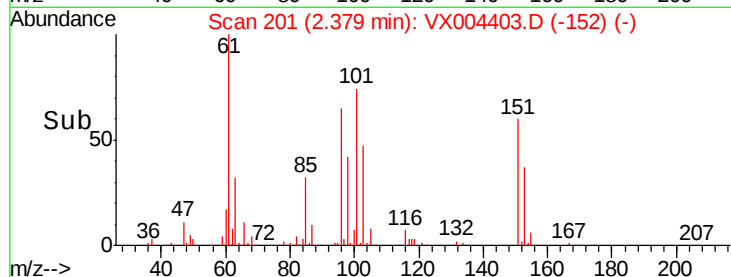
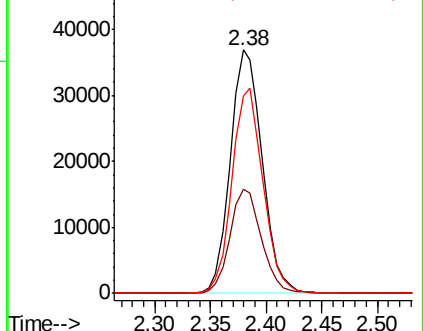
151 82.4 65.0 97.6



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: 17.32 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

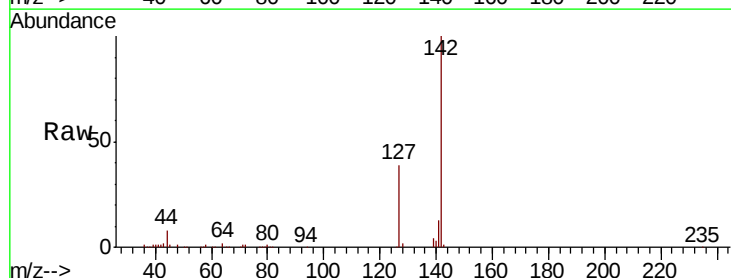
Tgt Ion:142 Resp: 63261

Ion Ratio Lower Upper

142 100

127 40.5 33.8 50.6

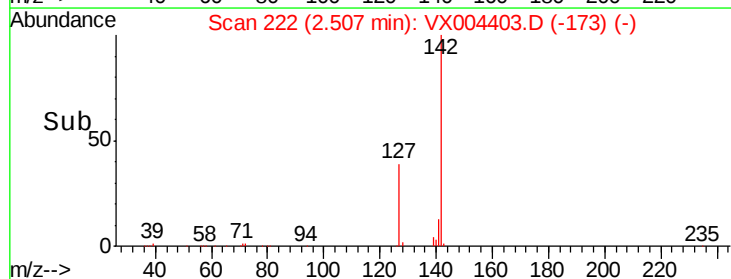
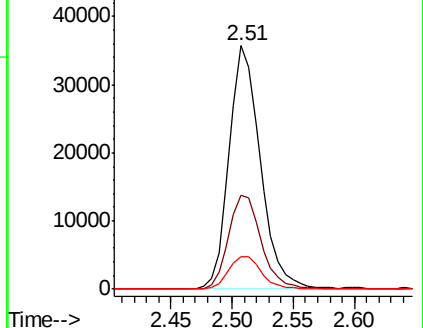
141 14.2 11.4 17.0

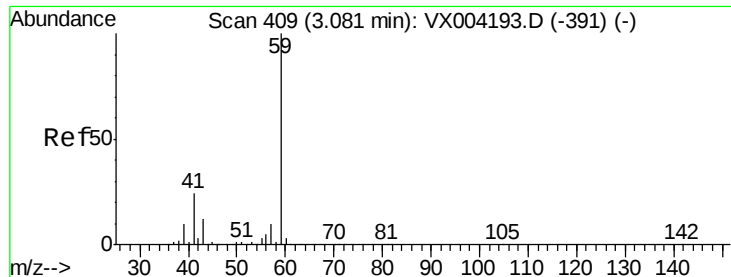


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

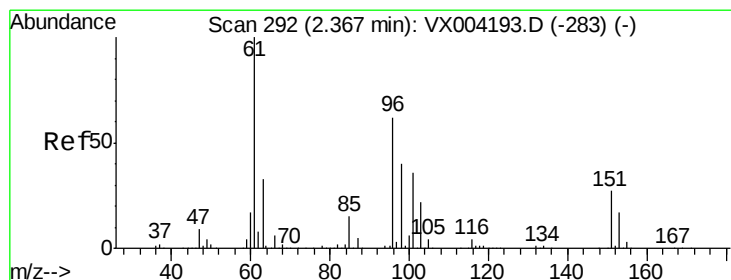
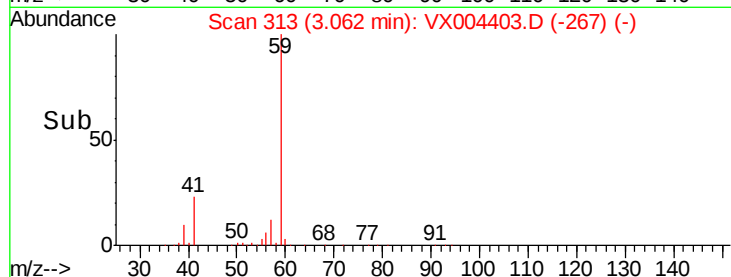
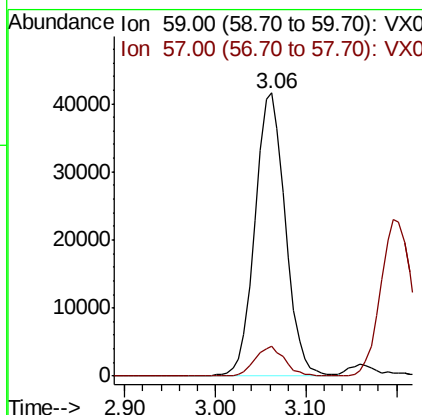
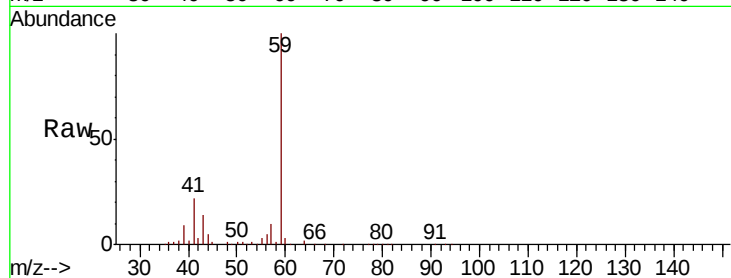




#11
Tert butyl alcohol
Concen: 99.49 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

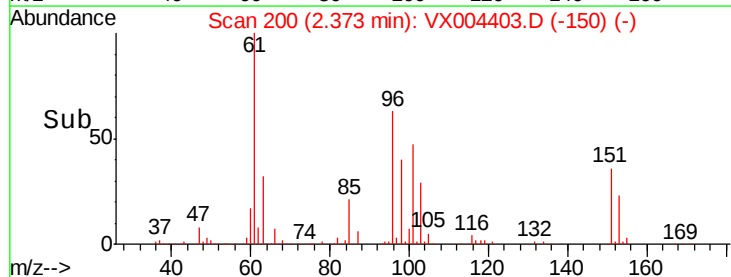
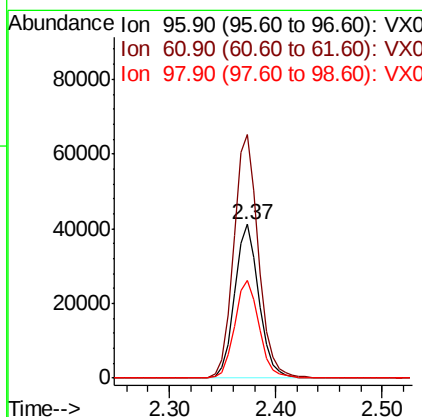
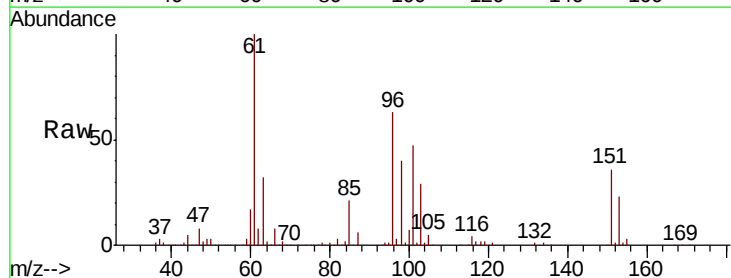
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBS01

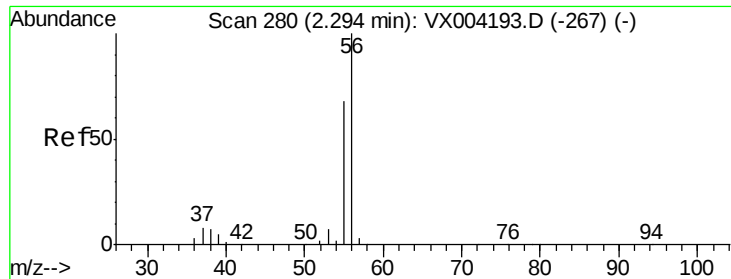
Tot Ion: 59 Resp: 96511
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.91 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion: 96 Resp: 66252
Ion Ratio Lower Upper
96 100
61 158.3 128.8 193.2
98 63.7 52.2 78.2





#13

Acrolein

Concen: 73.03 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

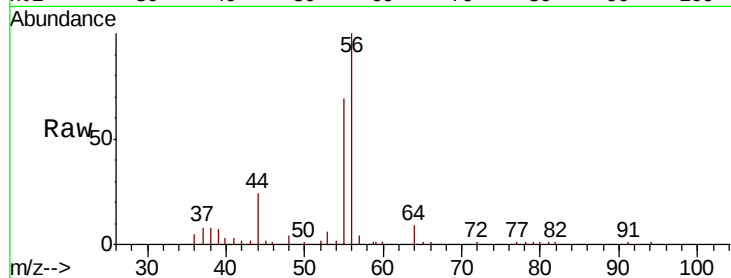
VX0907WBS01

Tot Ion: 56 Resp: 17080

Ion Ratio Lower Upper

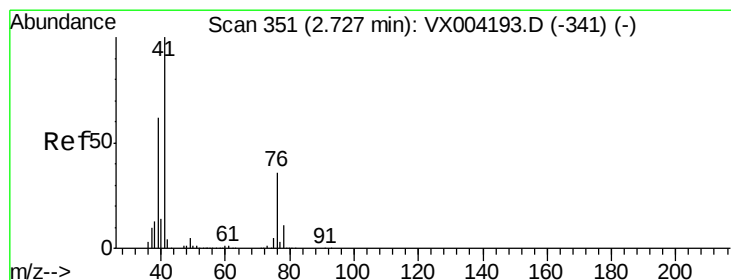
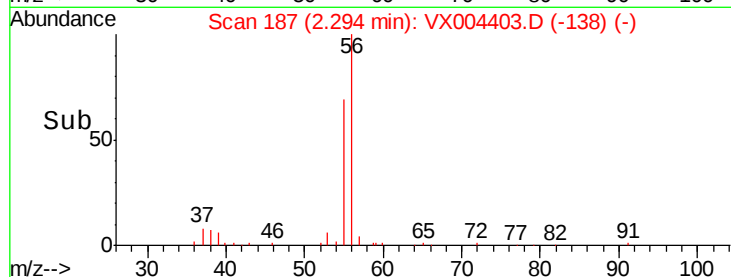
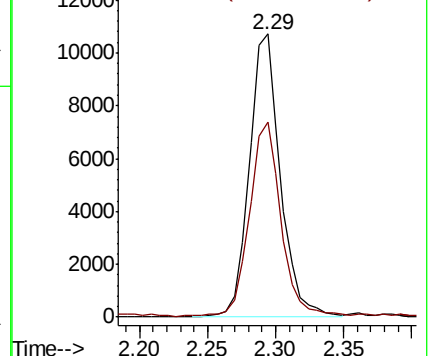
56 100

55 71.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.35 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

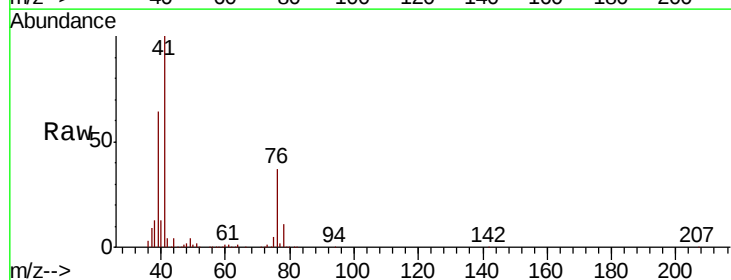
Tgt Ion: 41 Resp: 131494

Ion Ratio Lower Upper

41 100

39 59.0 48.9 73.3

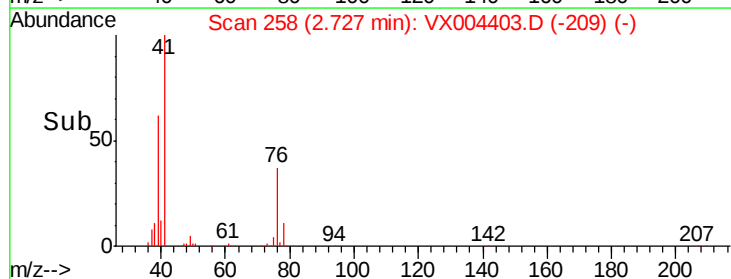
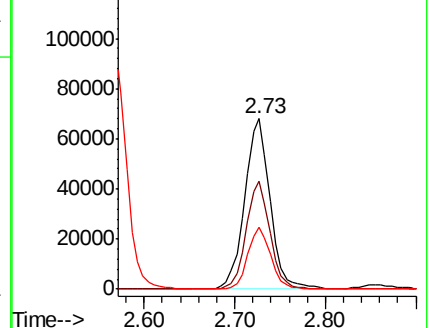
76 33.0 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 97.48 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

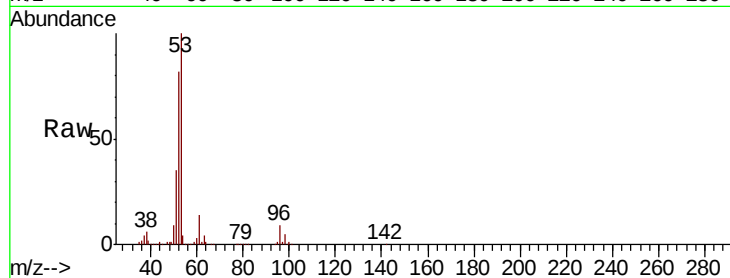
Tot Ion: 53 Resp: 234187

Ion Ratio Lower Upper

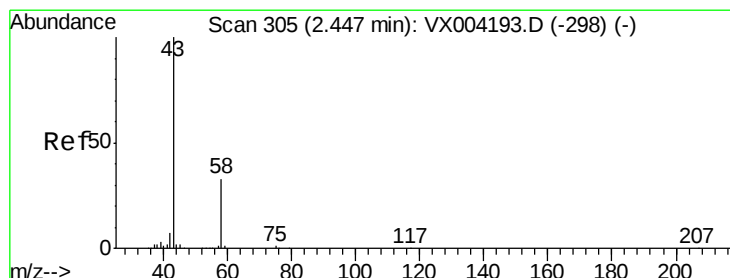
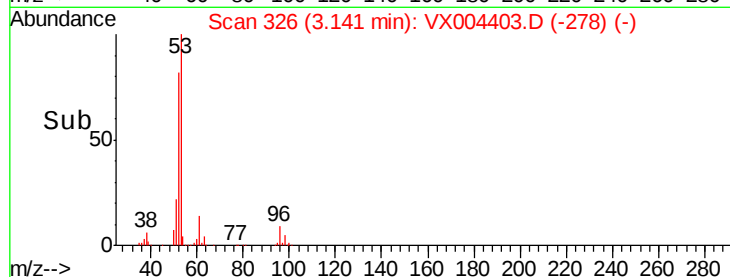
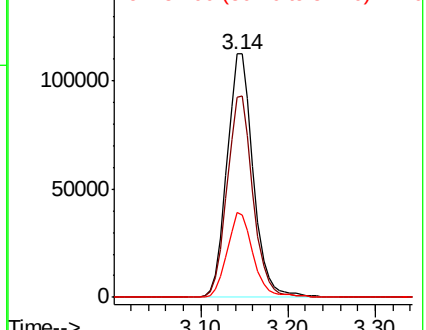
53 100

52 81.6 65.2 97.8

51 34.6 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: 96.87 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004403.D

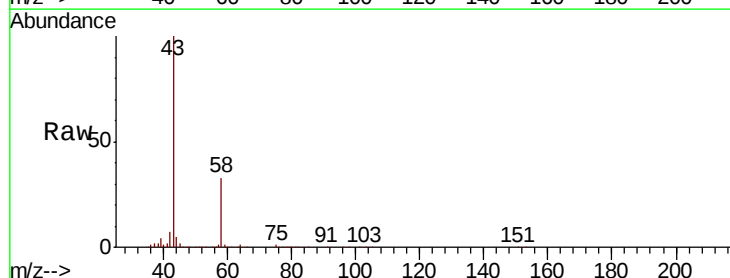
Acq: 07 Sep 2018 12:58

Tgt Ion: 43 Resp: 189158

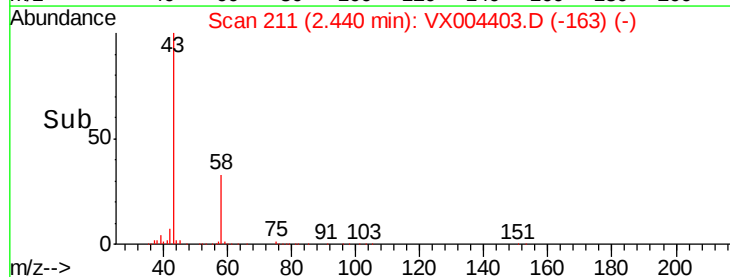
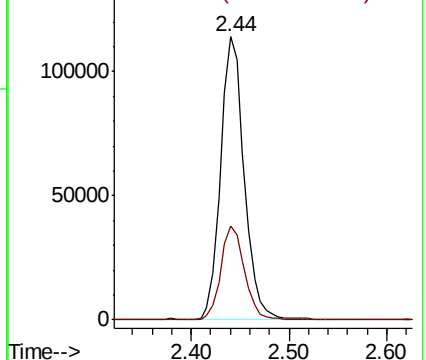
Ion Ratio Lower Upper

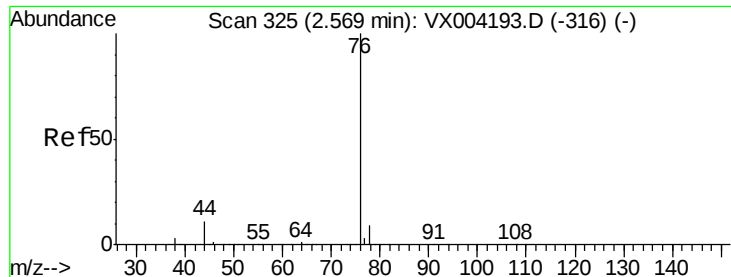
43 100

58 33.1 26.2 39.4



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

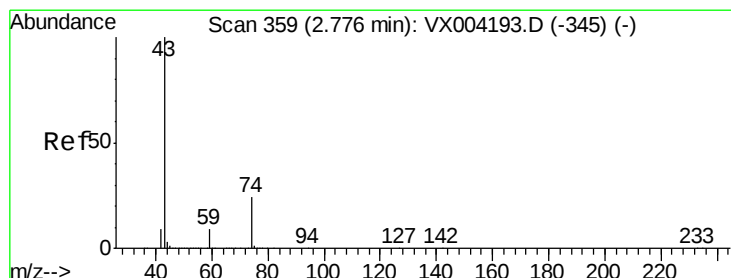
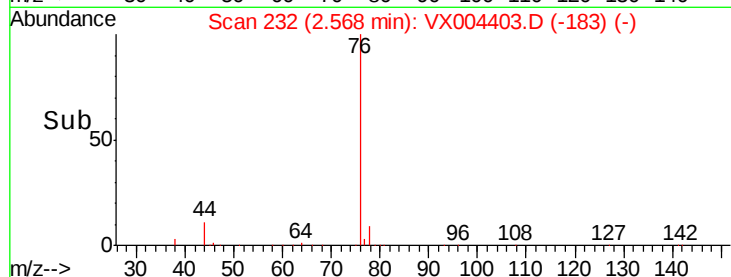
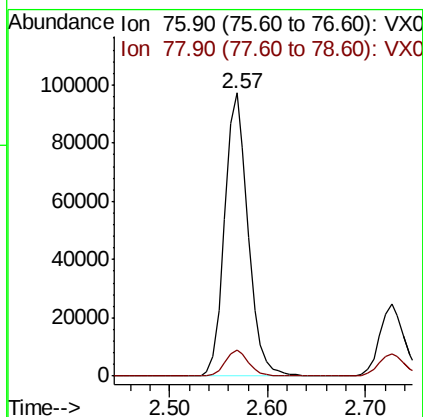
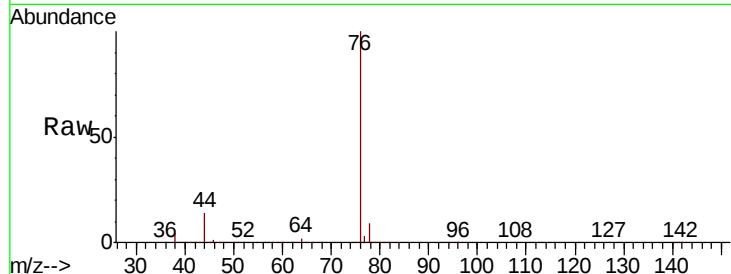




#17
Carbon Disulfide
Concen: 16.23 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

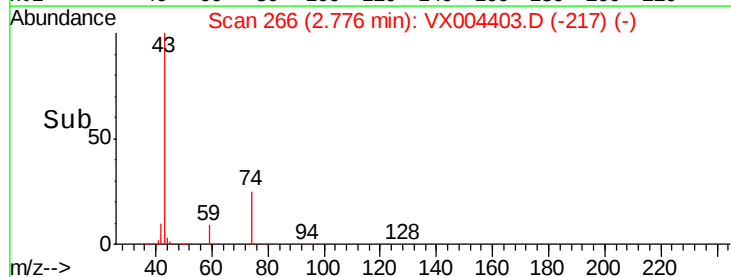
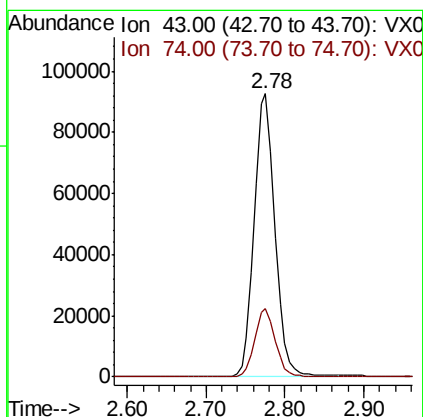
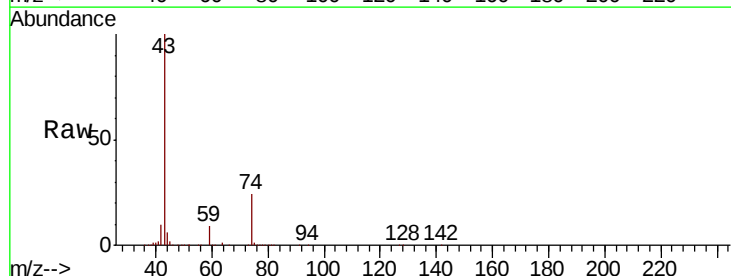
Instrument :
MSVOA_X
ClientSampled :
VX0907WBS01

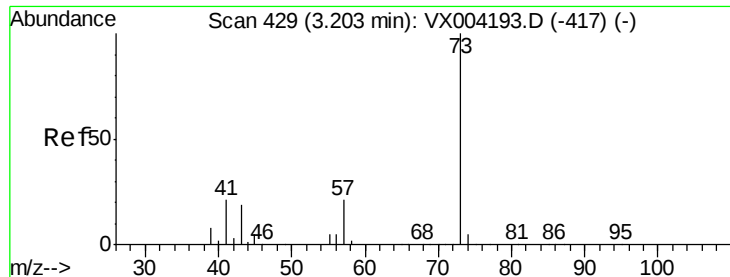
Tot Ion: 76 Resp: 161143
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 25.03 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion: 43 Resp: 169030
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2

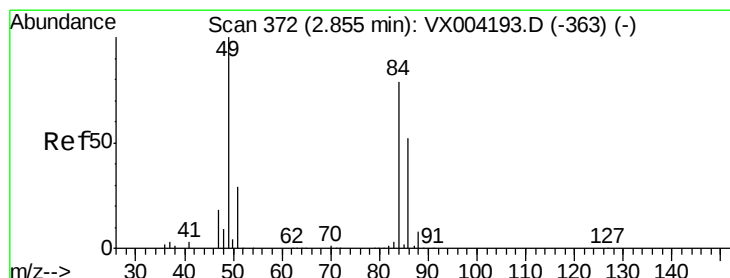
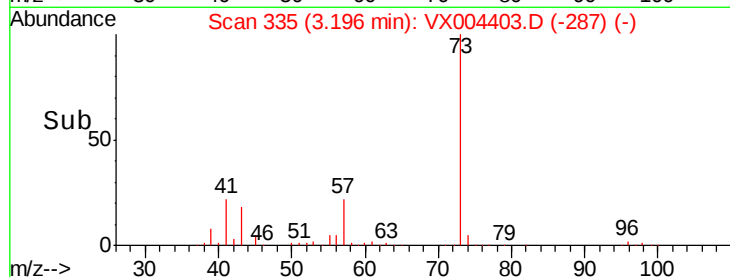
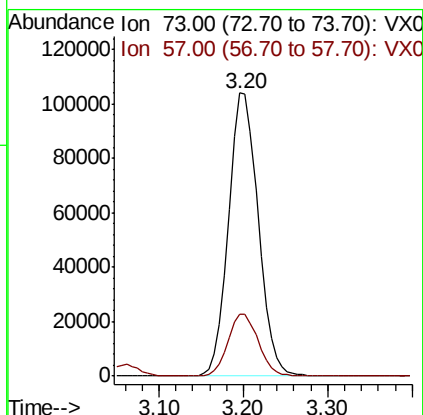
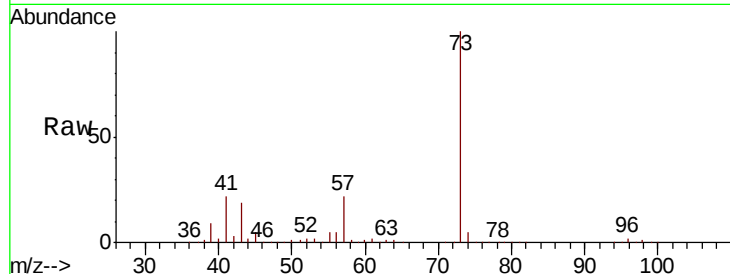




#19
Methyl tert-butyl Ether
Concen: 20.45 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

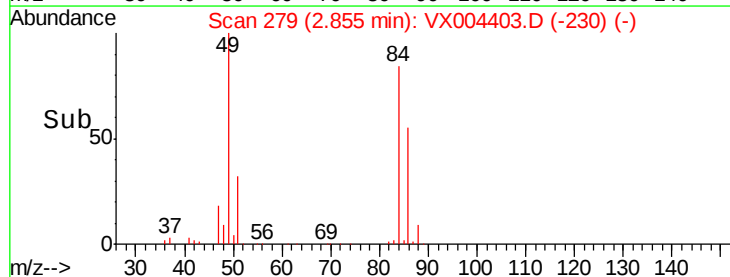
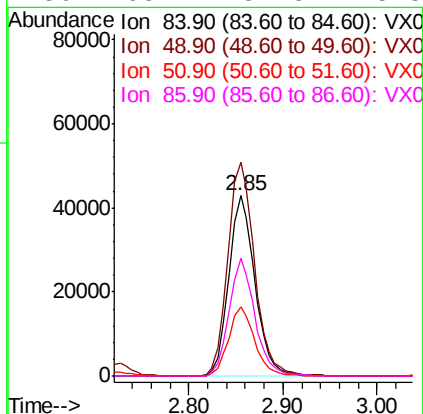
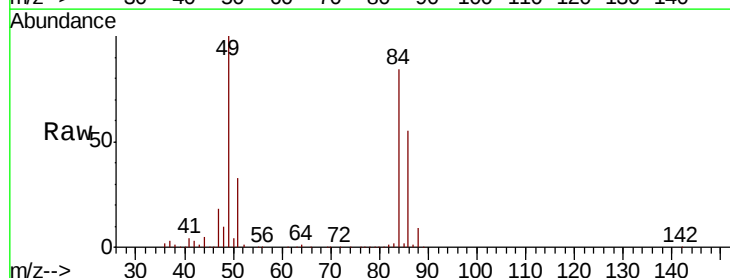
Instrument :
MSVOA_X
ClientSampled :
VX0907WBS01

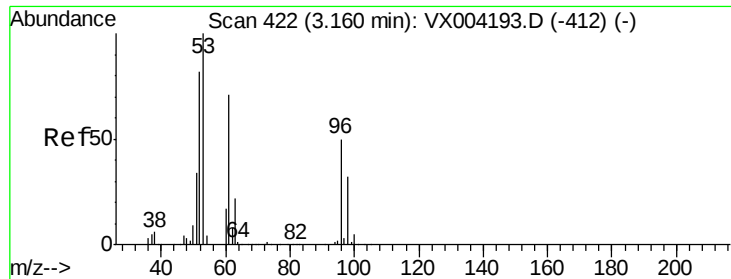
Tot Ion: 73 Resp: 249263
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7



#20
Methylene Chloride
Concen: 18.92 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion: 84 Resp: 82884
Ion Ratio Lower Upper
84 100
49 118.7 101.2 151.8
51 38.5 29.5 44.3
86 65.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.11 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

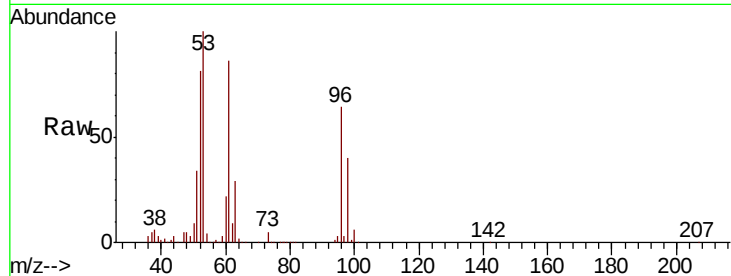
Tot Ion: 96 Resp: 74135

Ion Ratio Lower Upper

96 100

61 134.3 113.8 170.6

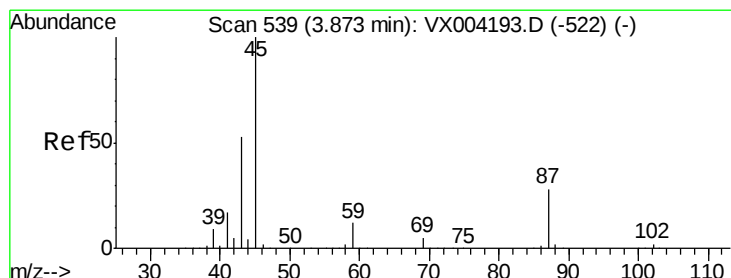
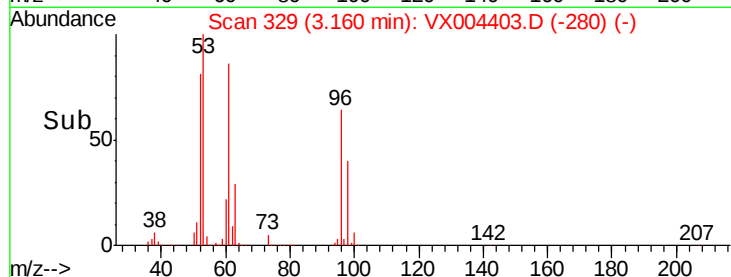
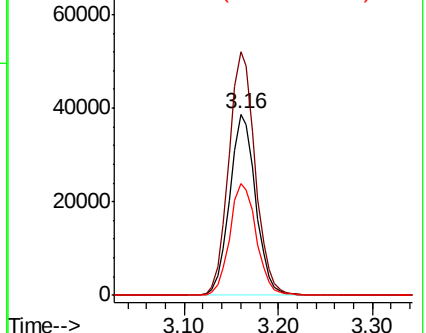
98 61.8 51.8 77.8



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: 20.27 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Tgt Ion: 45 Resp: 257206

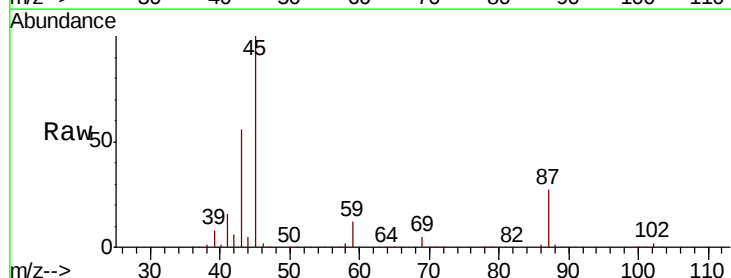
Ion Ratio Lower Upper

45 100

43 56.4 42.8 64.2

87 27.0 22.6 34.0

59 11.7 9.6 14.4

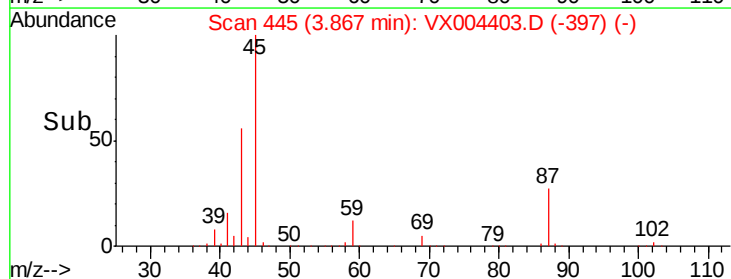
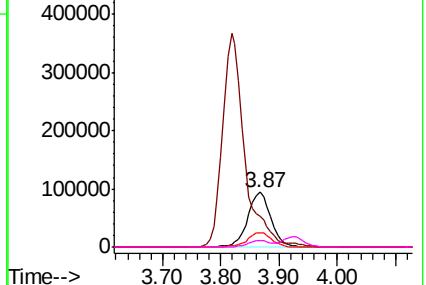


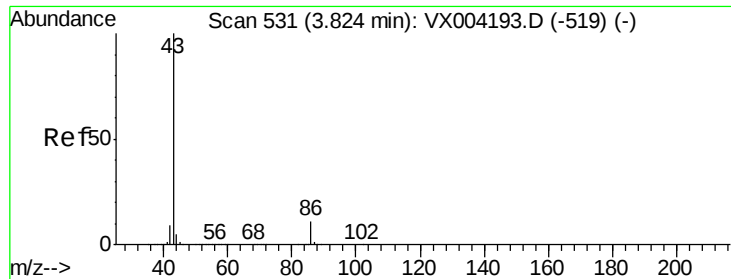
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 94.10 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

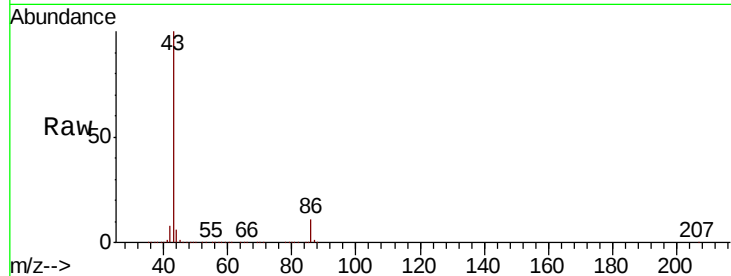
VX0907WBS01

Tot Ion: 43 Resp: 967805

Ion Ratio Lower Upper

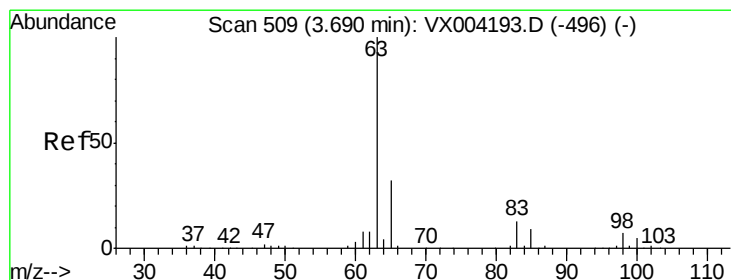
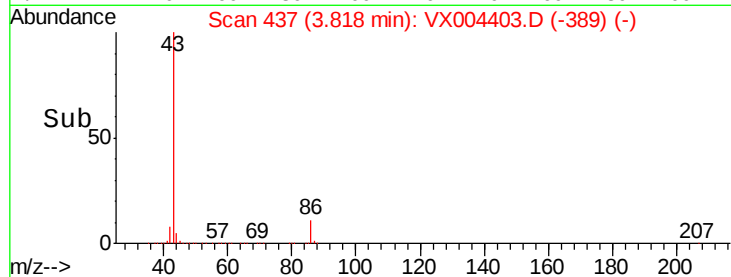
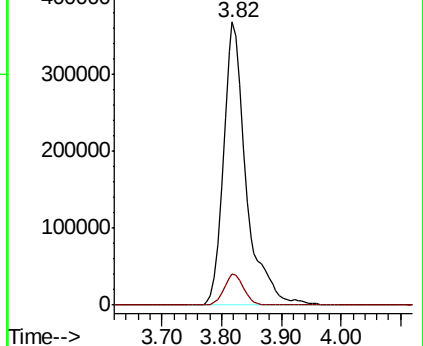
43 100

86 10.9 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: 19.61 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

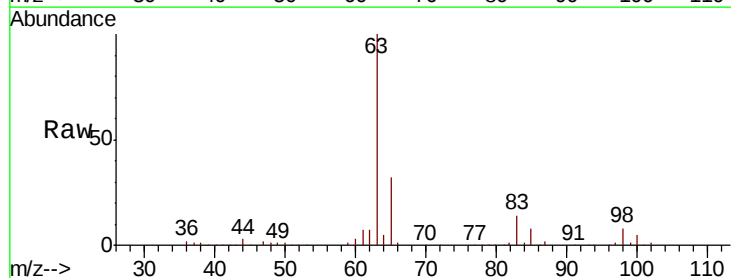
Tgt Ion: 63 Resp: 145046

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

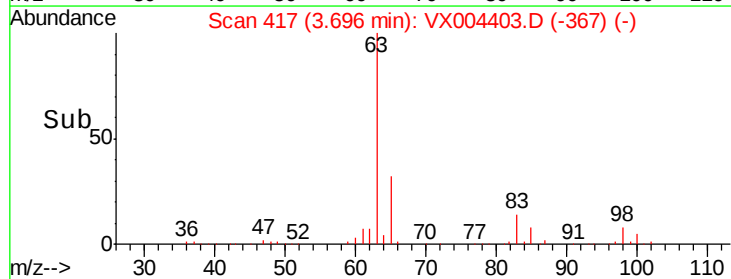
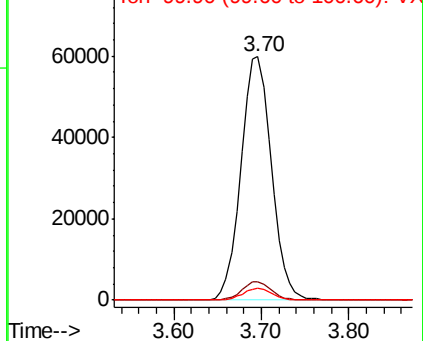
100 4.8 2.4 7.1

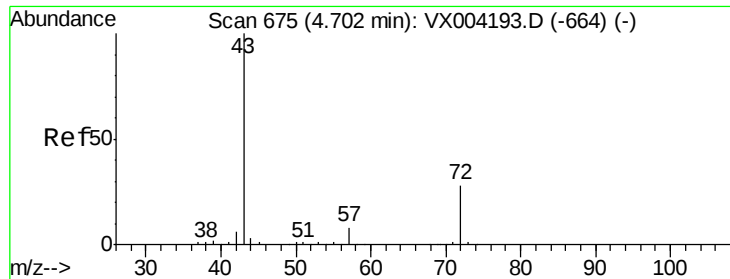


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.39 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

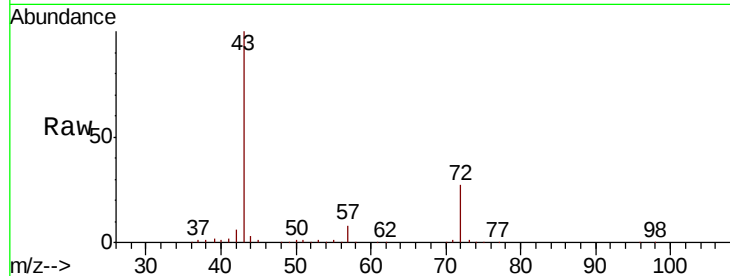
VX0907WBS01

Tot Ion: 43 Resp: 299262

Ion Ratio Lower Upper

43 100

72 26.6 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

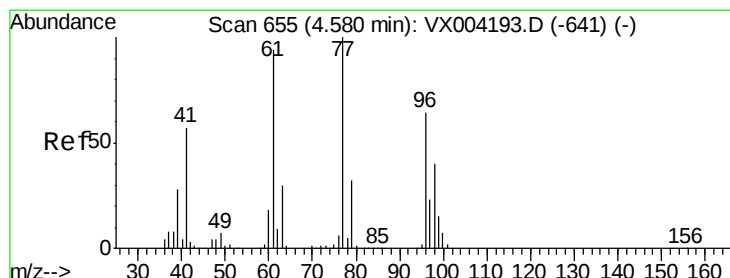
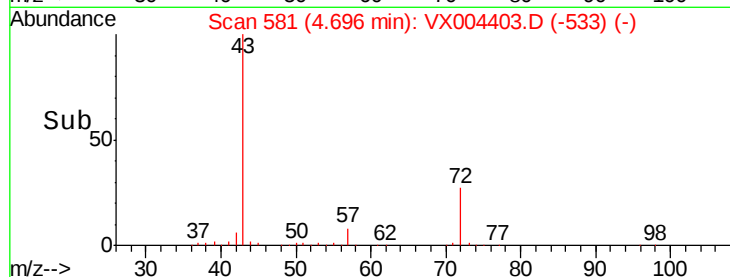
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.13 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004403.D

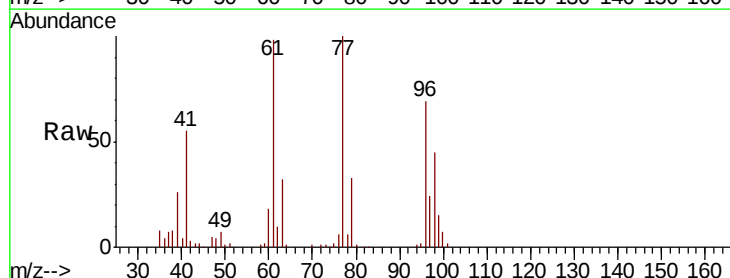
Acq: 07 Sep 2018 12:58

Tgt Ion: 77 Resp: 110970

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

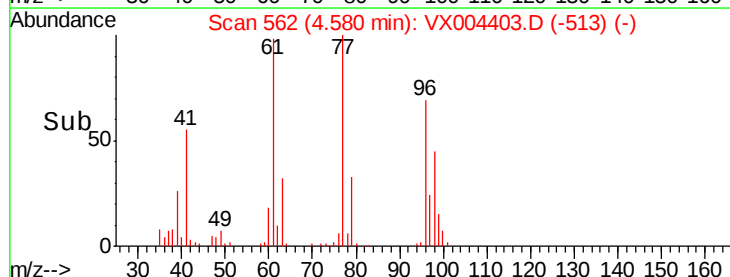
20000

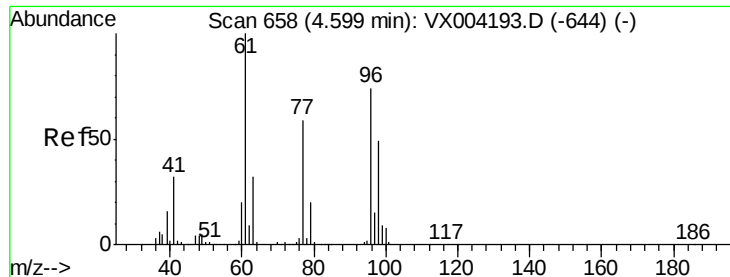
10000

0

4.40 4.50 4.60 4.70

Time-->



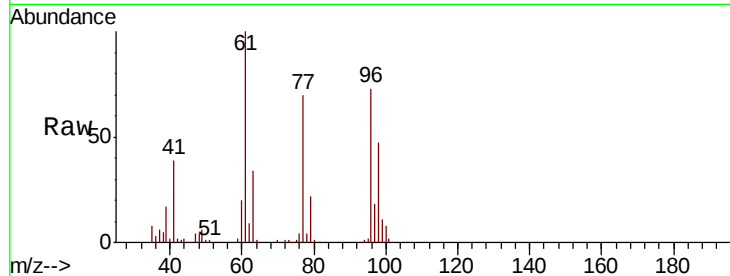


#27

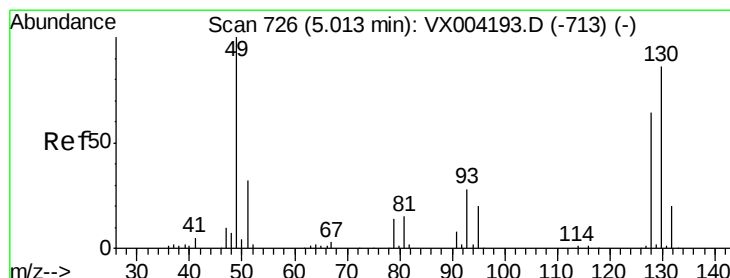
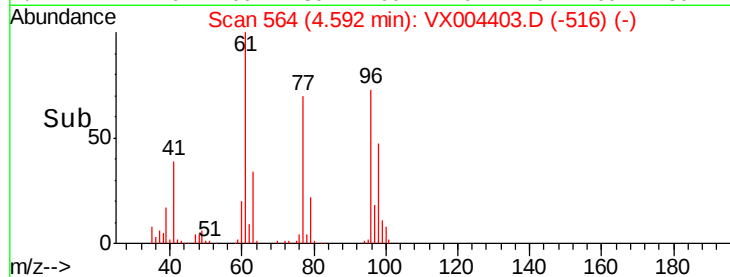
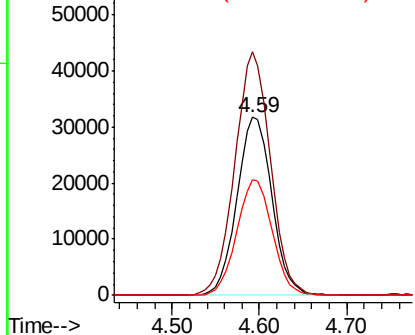
cis-1,2-Dichloroethene
Concen: 19.02 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBS01

Tot Ion: 96 Resp: 88323
Ion Ratio Lower Upper
96 100
61 139.2 0.0 282.6
98 65.6 0.0 130.2



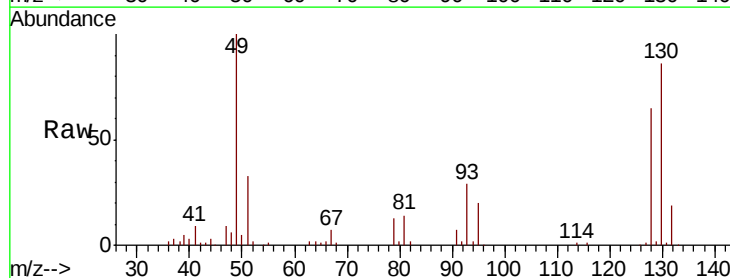
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



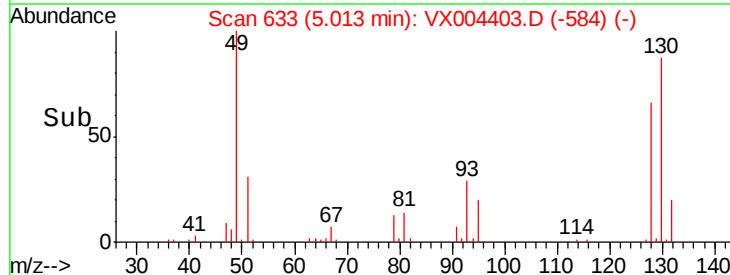
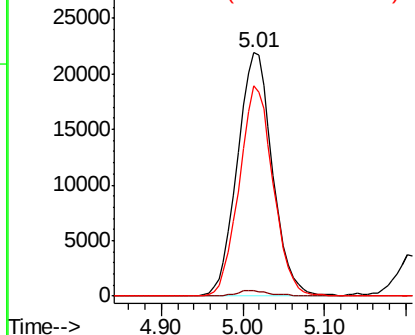
#28

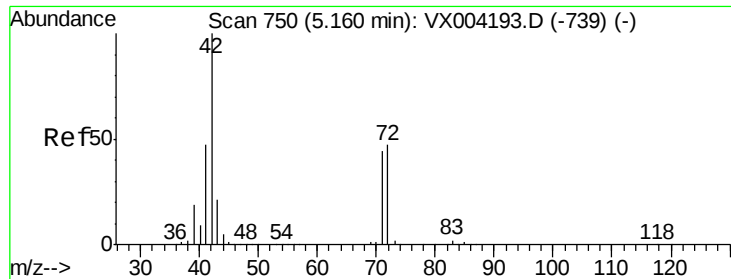
Bromochloromethane
Concen: 20.02 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion: 49 Resp: 65540
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 83.4 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: 95.42 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

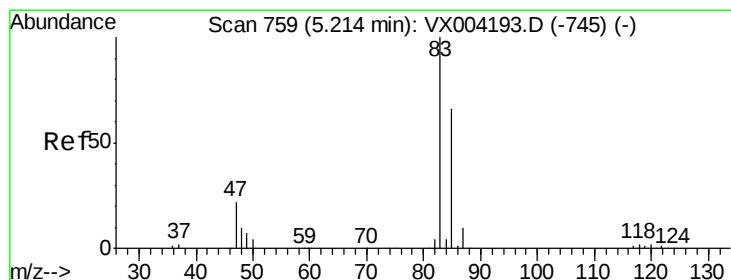
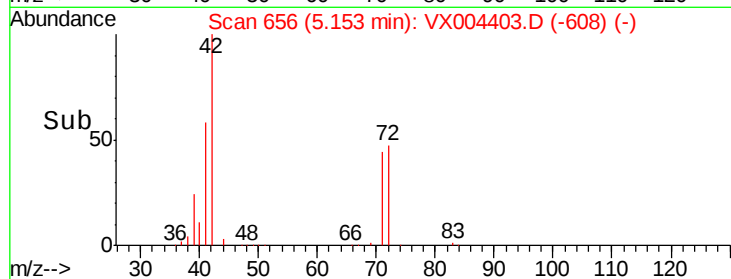
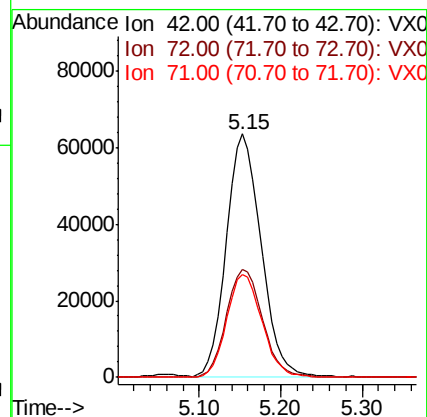
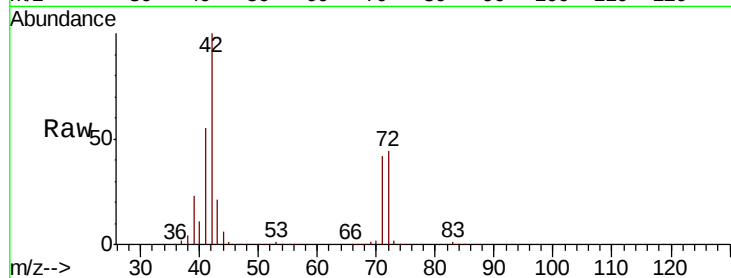
Tot Ion: 42 Resp: 186583

Ion Ratio Lower Upper

42 100

72 46.4 37.4 56.0

71 43.1 34.5 51.7



#30

Chloroform

Concen: 19.53 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004403.D

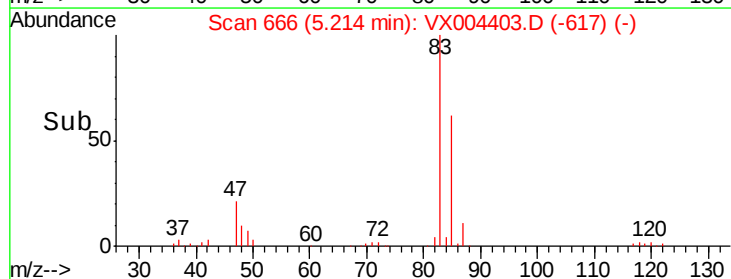
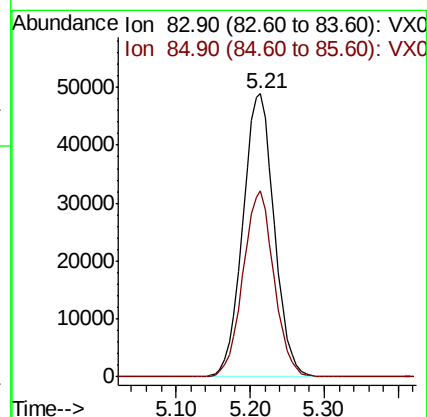
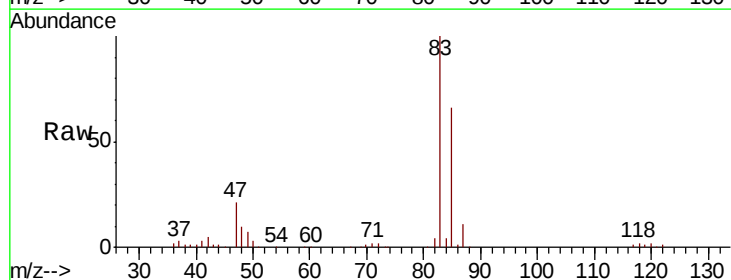
Acq: 07 Sep 2018 12:58

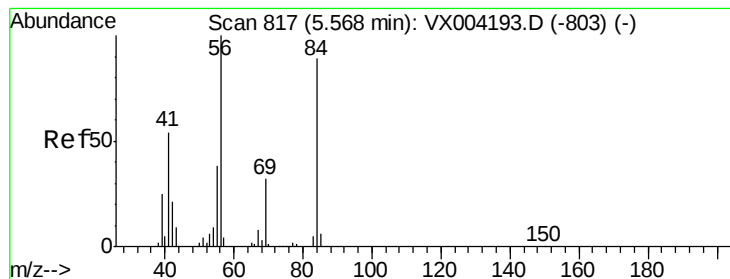
Tgt Ion: 83 Resp: 144808

Ion Ratio Lower Upper

83 100

85 65.7 52.6 79.0





#31

Cyclohexane

Concen: 17.92 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampled :

VX0907WBS01

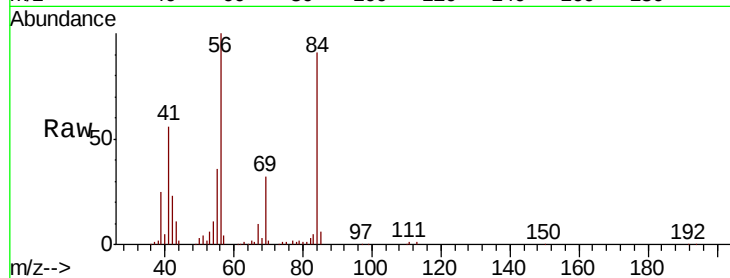
Tot Ion: 56 Resp: 114351

Ion Ratio Lower Upper

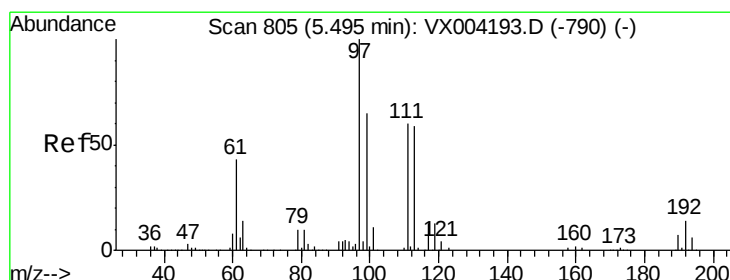
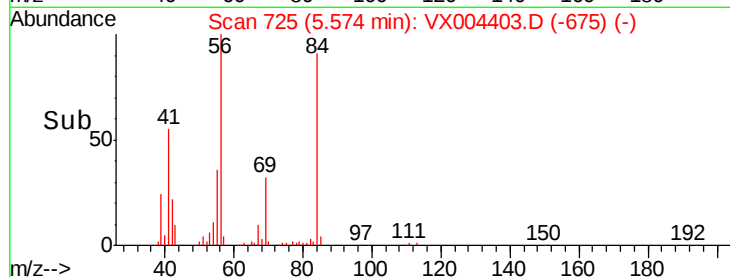
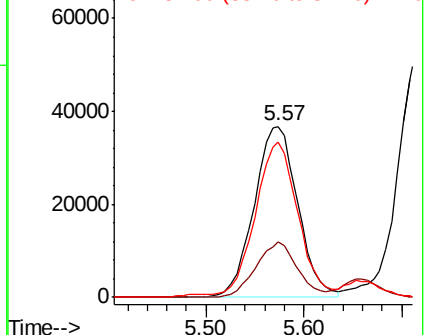
56 100

69 32.1 25.4 38.2

84 88.9 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: 18.80 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

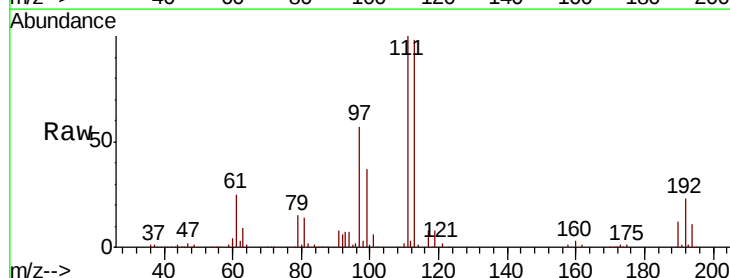
Tgt Ion: 97 Resp: 116210

Ion Ratio Lower Upper

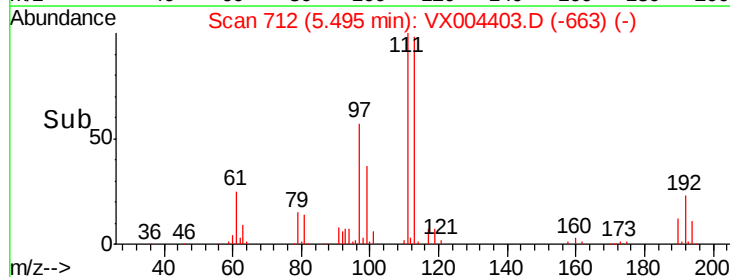
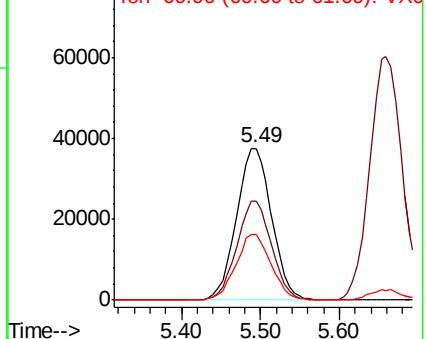
97 100

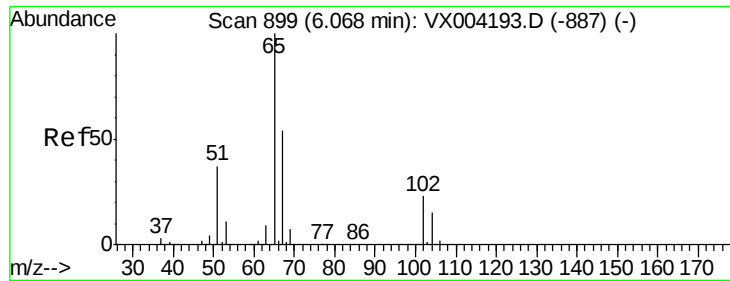
99 64.6 52.0 78.0

61 43.4 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: 46.75 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

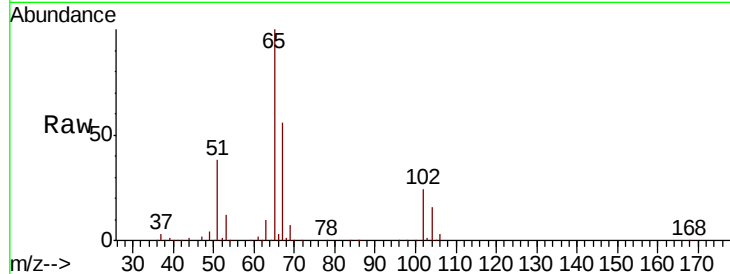
VX0907WBS01

Tot Ion: 65 Resp: 212776

Ion Ratio Lower Upper

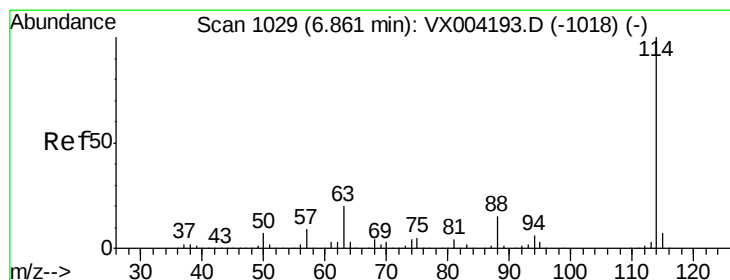
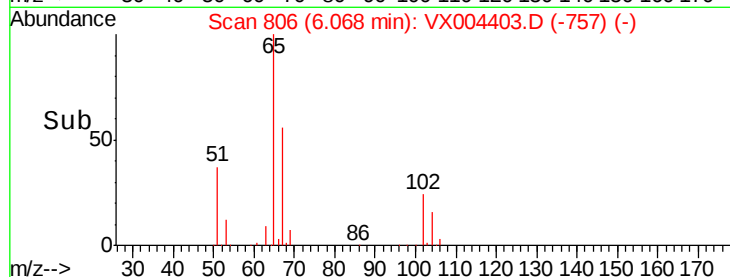
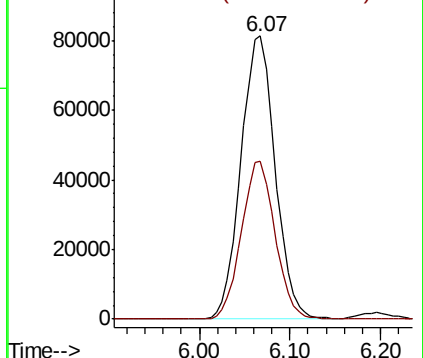
65 100

67 54.8 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: VX004403.D

Acq: 07 Sep 2018 12:58

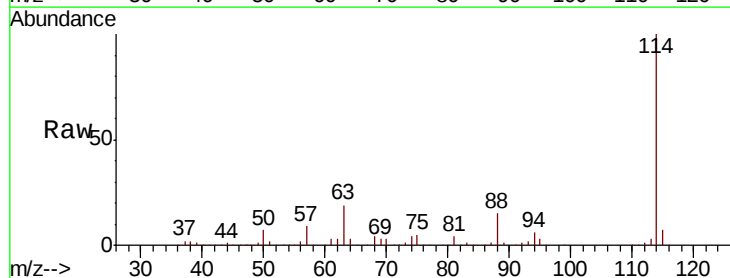
Tgt Ion: 114 Resp: 500584

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

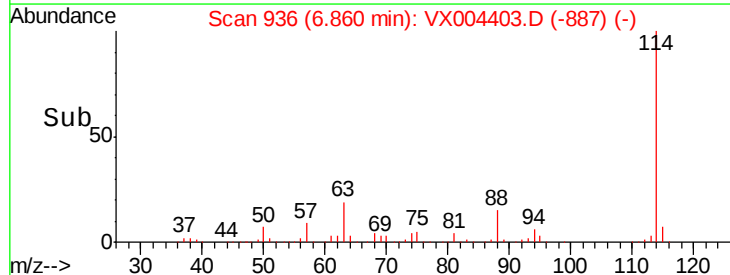
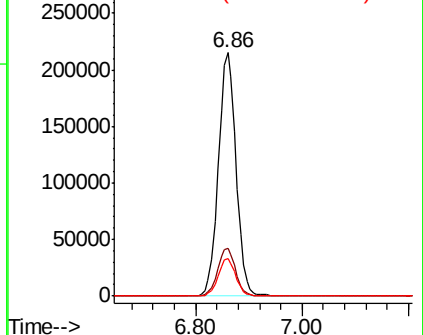
88 15.3 0.0 30.4

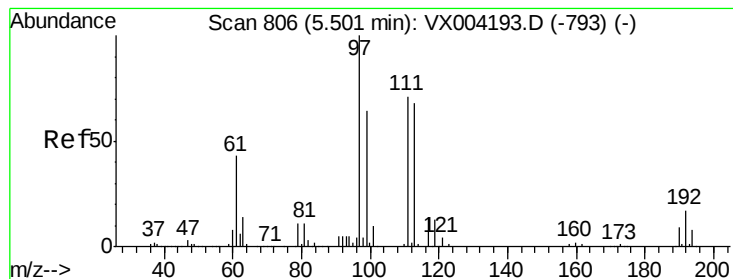


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.11 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

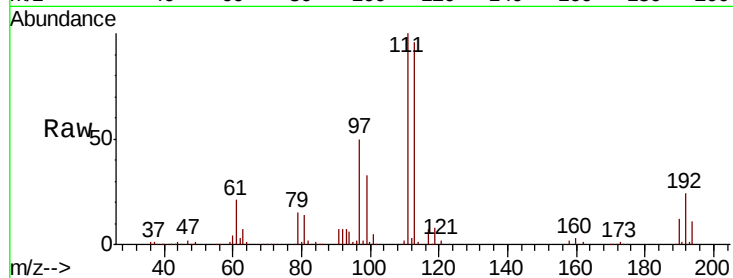
Tot Ion:113 Resp: 186629

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

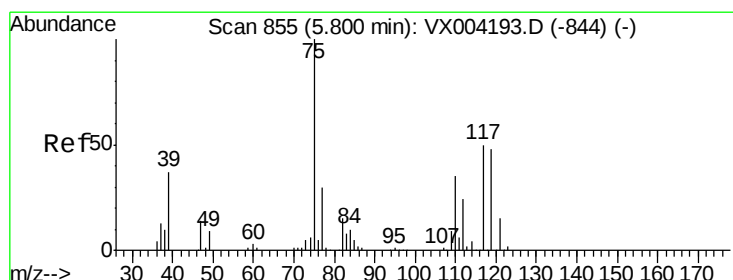
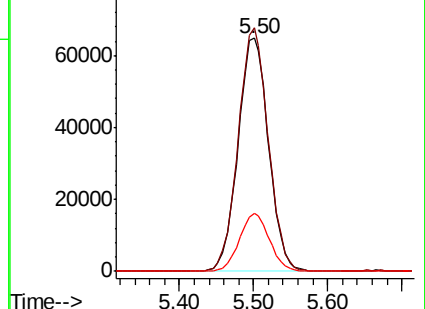
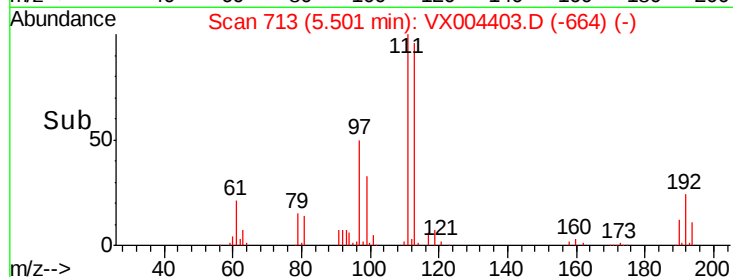
192 24.2 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.34 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

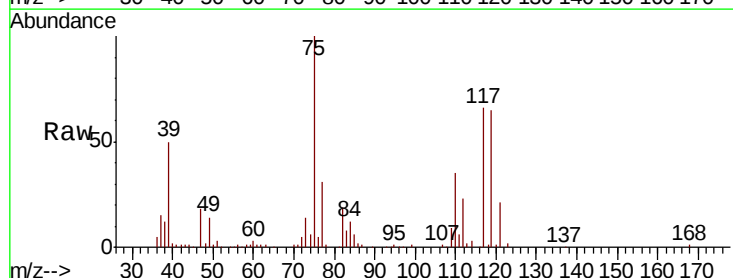
Tgt Ion: 75 Resp: 103196

Ion Ratio Lower Upper

75 100

110 36.9 18.0 54.0

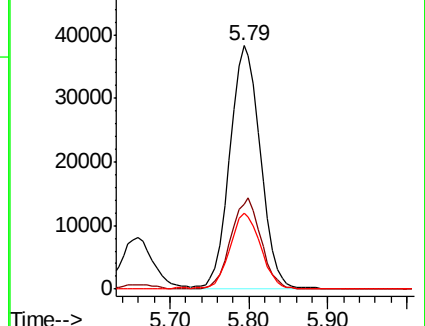
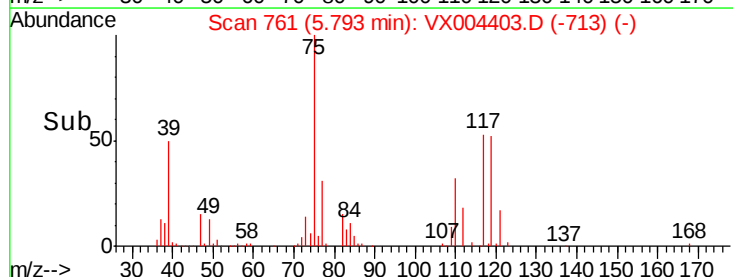
77 31.4 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

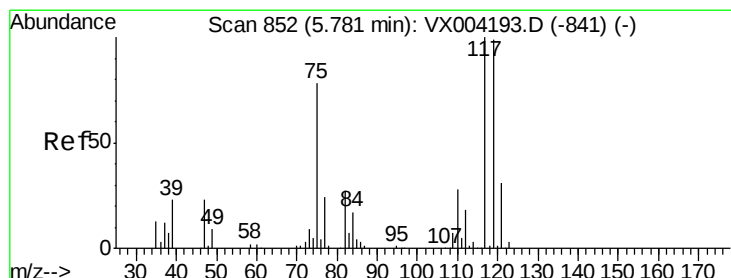
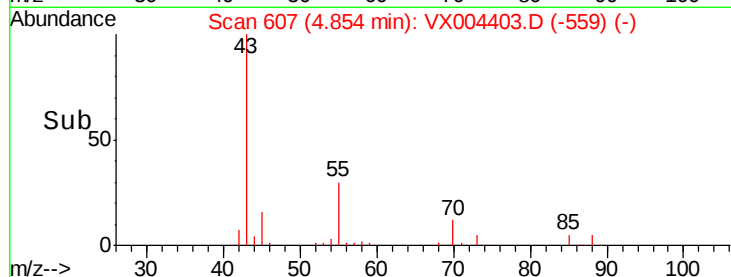
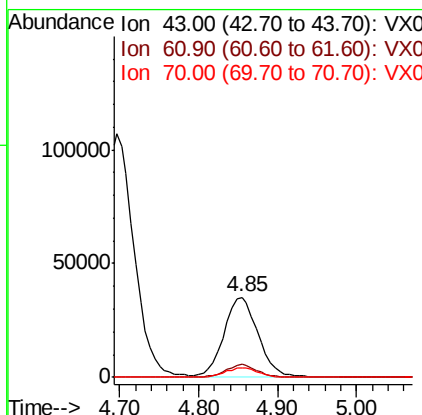
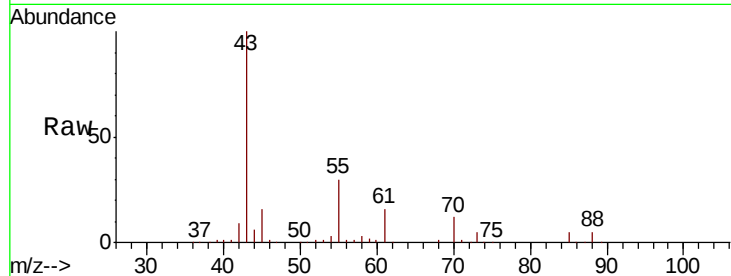




#37
Ethyl Acetate
Concen: 19.13 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

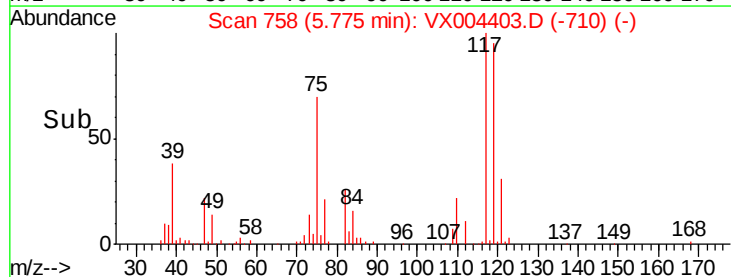
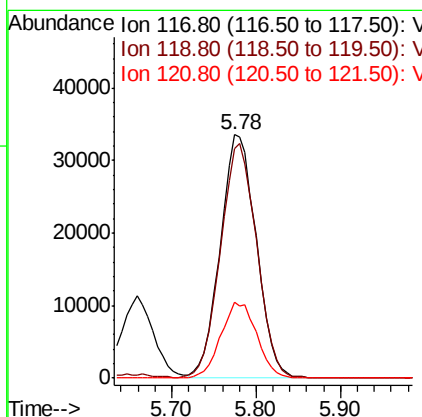
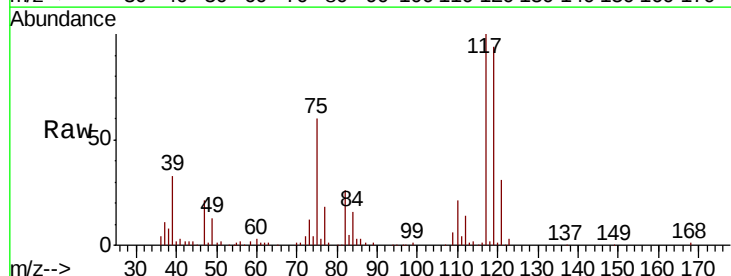
Instrument :
MSVOA_X
ClientSampleID :
VX0907WBS01

Tot Ion: 43 Resp: 105887
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 11.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.53 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion: 117 Resp: 98085
Ion Ratio Lower Upper
117 100
119 94.0 78.8 118.2
121 31.3 24.9 37.3

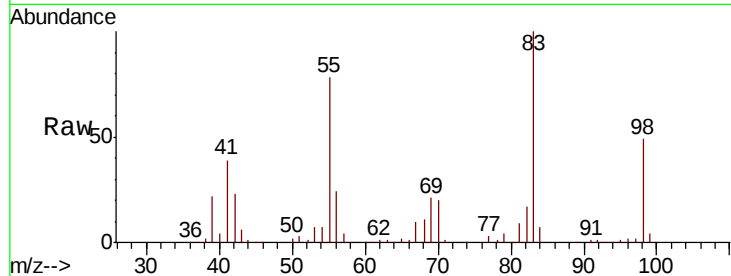




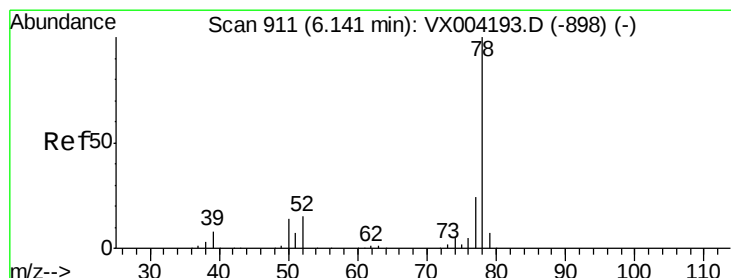
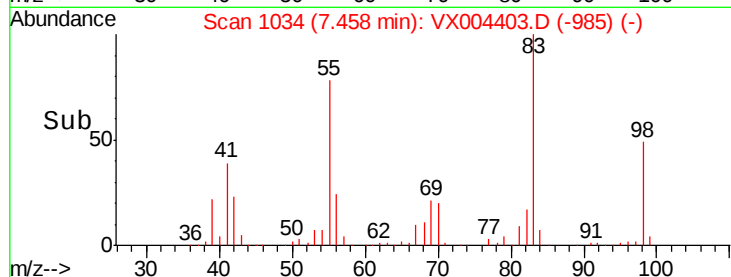
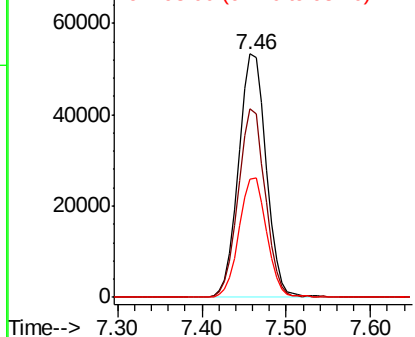
#39
Methvlcvclohexane
Concen: 18.28 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBS01

Tot Ion: 83 Resp: 117455
Ion Ratio Lower Upper
83 100
55 77.5 61.0 91.4
98 48.6 39.6 59.4

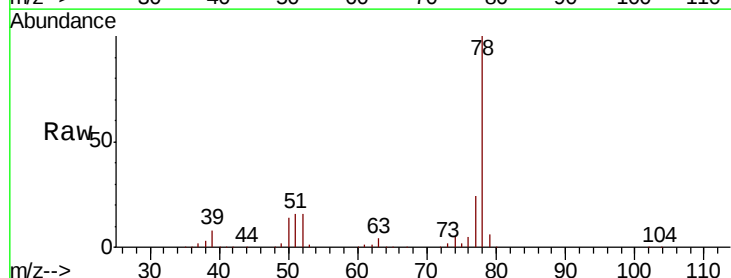


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

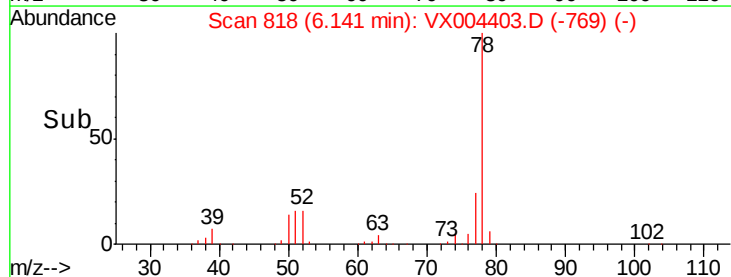
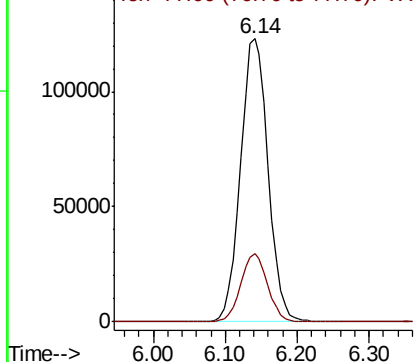


#40
Benzene
Concen: 19.38 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion: 78 Resp: 325882
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

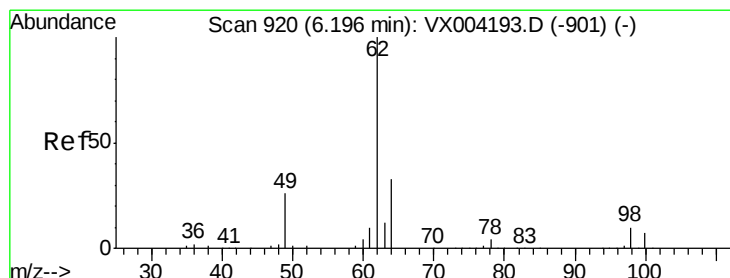
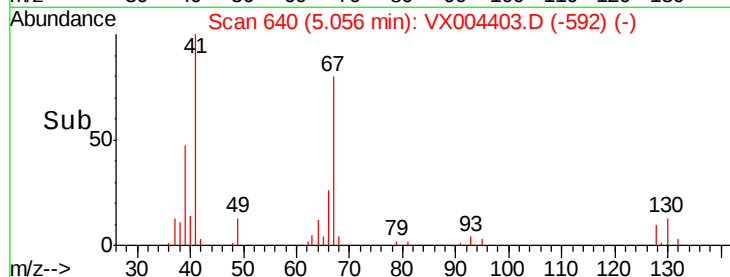
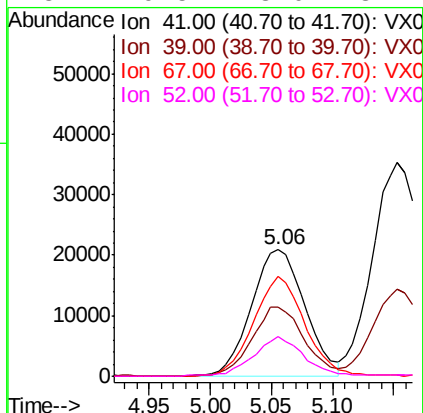
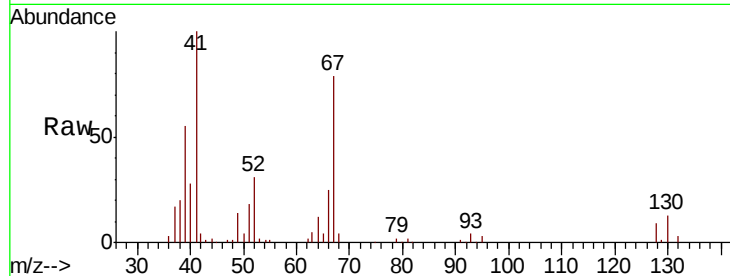




#41
Methacrylonitrile
Concen: 19.92 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

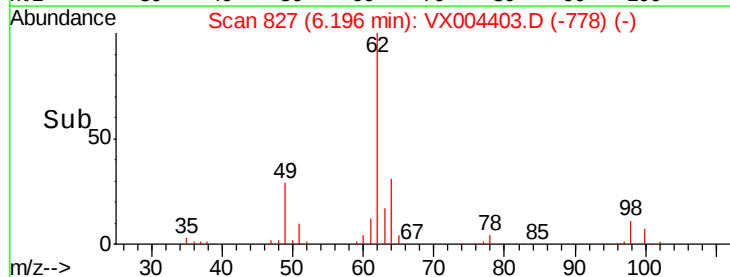
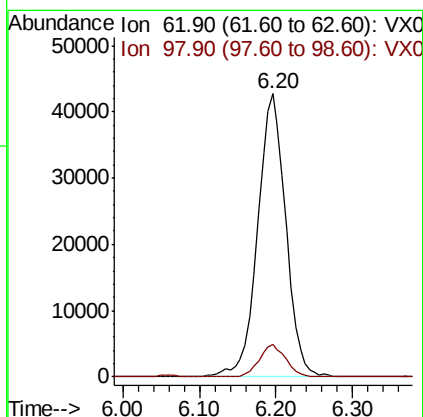
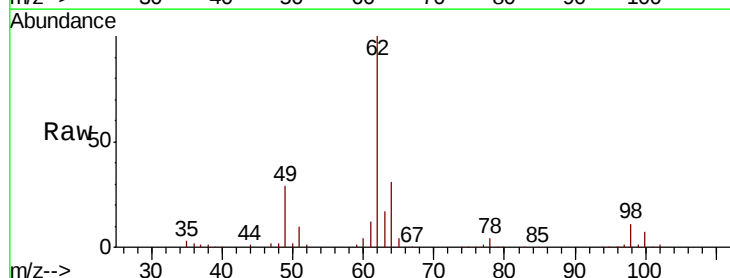
Instrument :
MSVOA_X
ClientSampled :
VX0907WBS01

Tot Ion:	41	Resp:	63895
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.4	63.6
67	75.2	59.2	88.8
52	29.5	23.0	34.4



#42
1,2-Dichloroethane
Concen: 19.10 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion:	62	Resp:	109566
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6



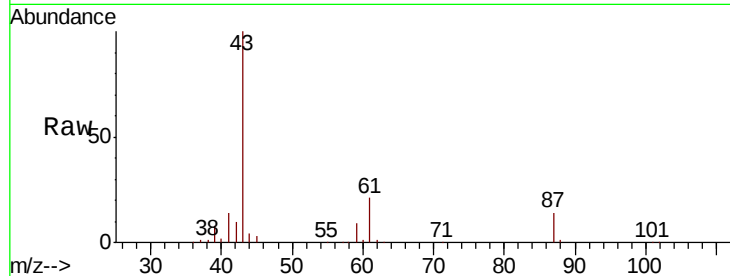


#43

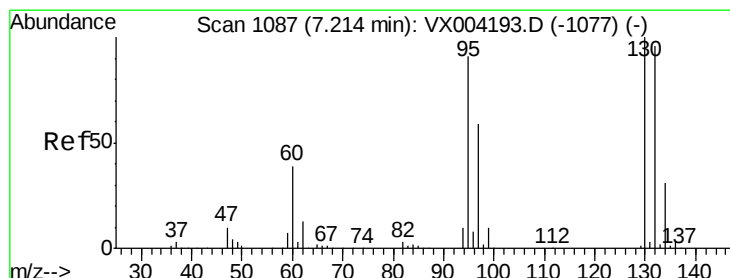
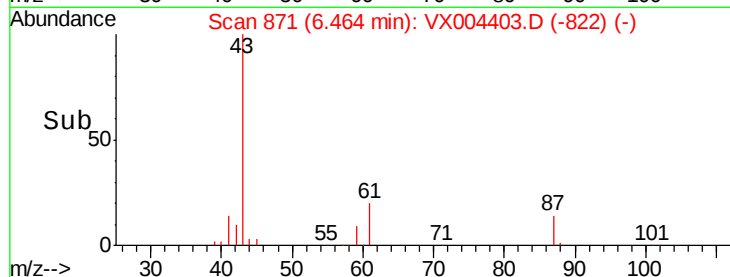
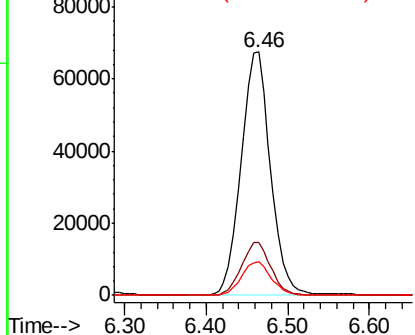
Isopropyl Acetate
 Concen: 19.82 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.0	25.4
87	14.0	11.4	17.2



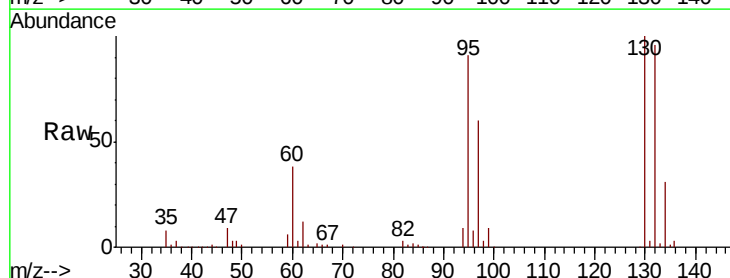
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



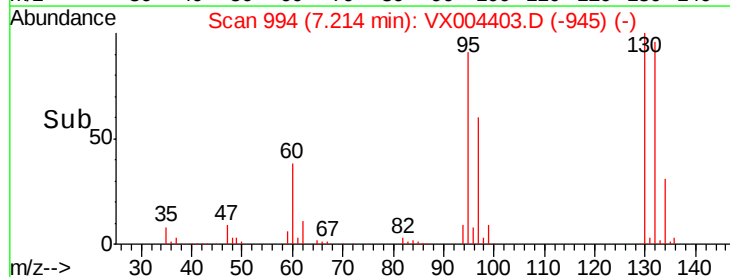
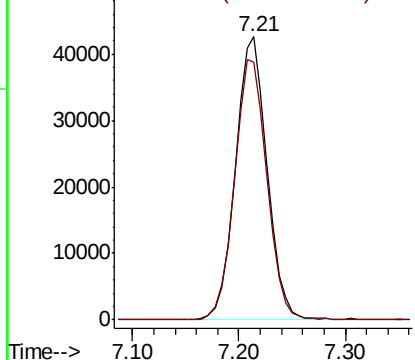
#44

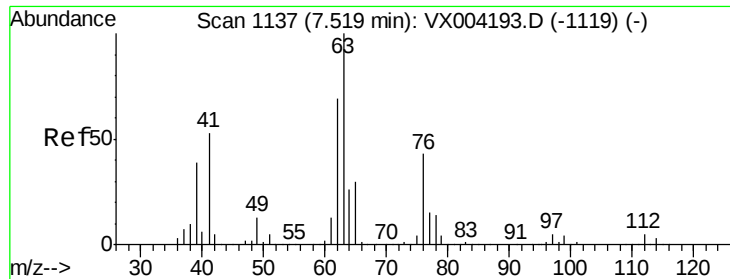
Trichloroethene
 Concen: 19.05 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	181.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

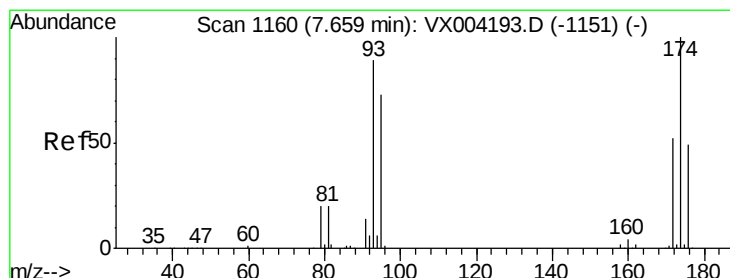
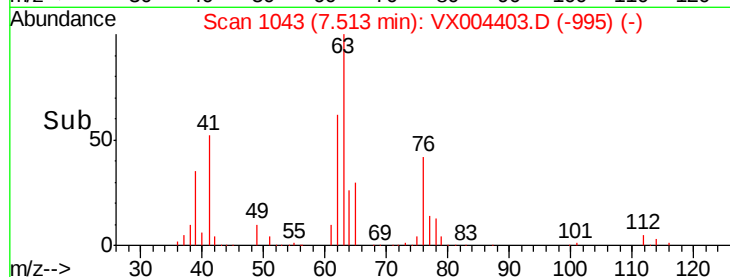
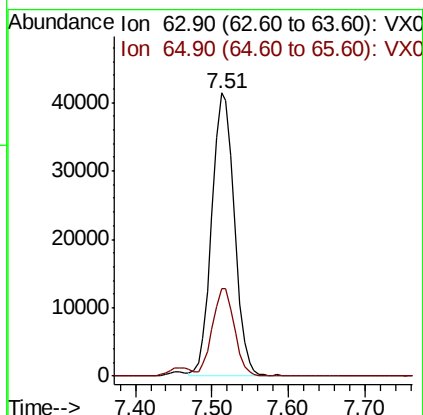
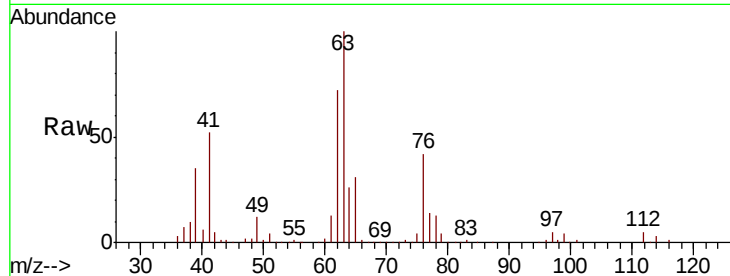




#45
 1,2-Dichloropropane
 Concen: 20.26 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

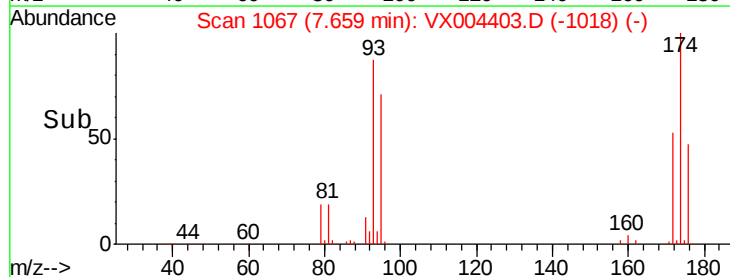
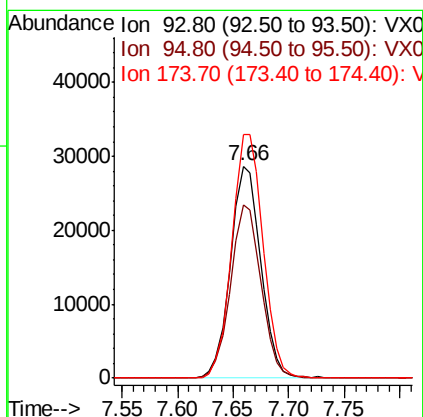
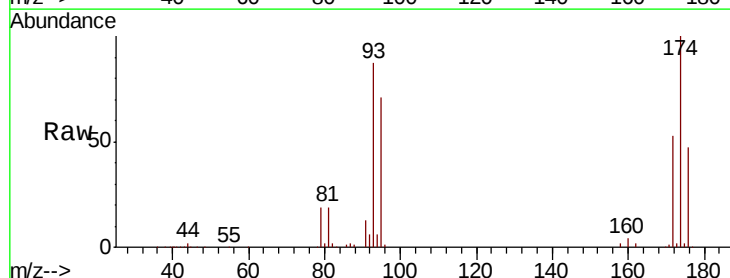
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS01

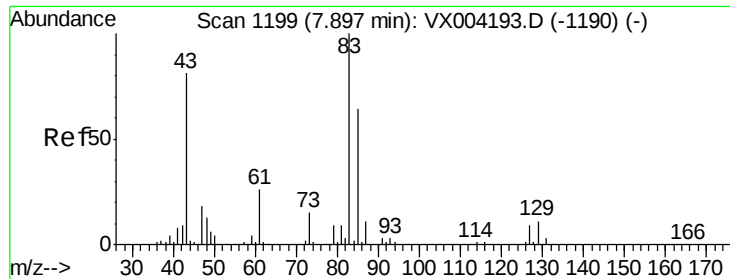
Tot Ion: 63 Resp: 85260
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.3 36.5



#46
 Dibromomethane
 Concen: 19.34 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

Tgt Ion: 93 Resp: 54205
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.5 98.3
 174 118.2 94.2 141.4





#47

Bromodichloromethane

Concen: 19.63 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

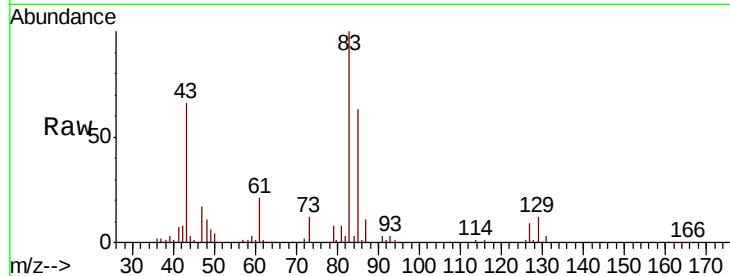
Tot Ion: 83 Resp: 102344

Ion Ratio Lower Upper

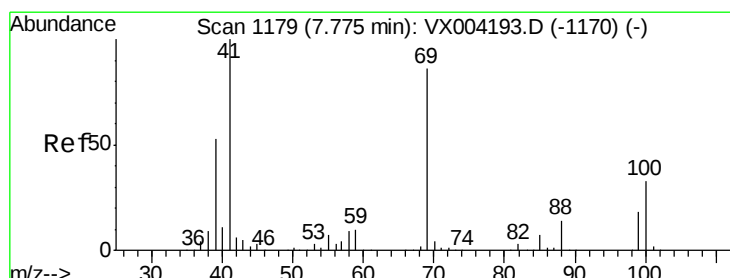
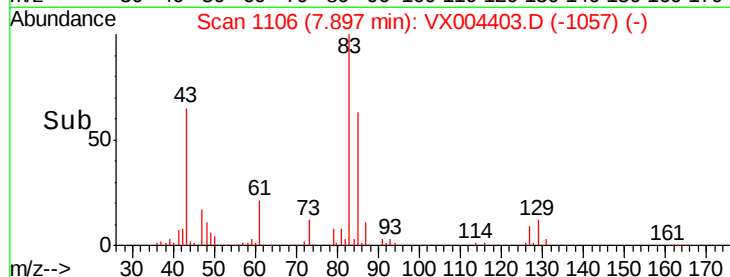
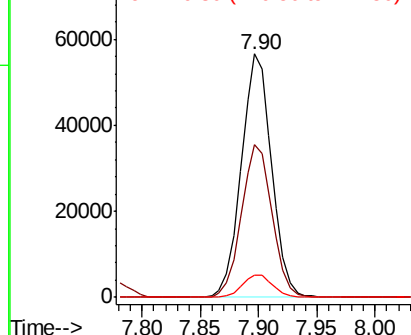
83 100

85 62.9 50.9 76.3

127 9.0 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: 19.68 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

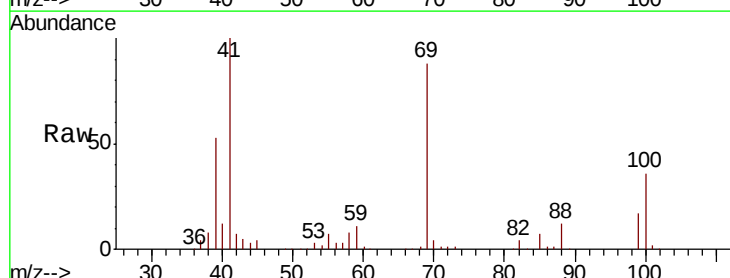
Tgt Ion: 41 Resp: 89559

Ion Ratio Lower Upper

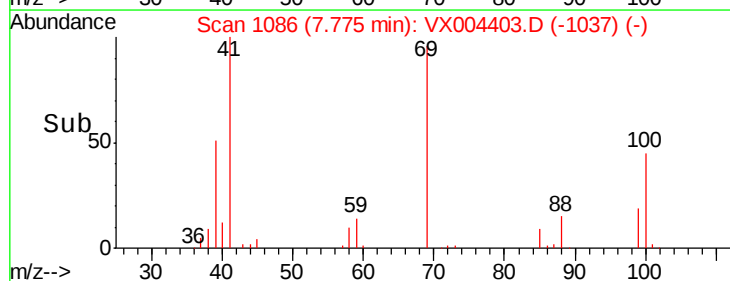
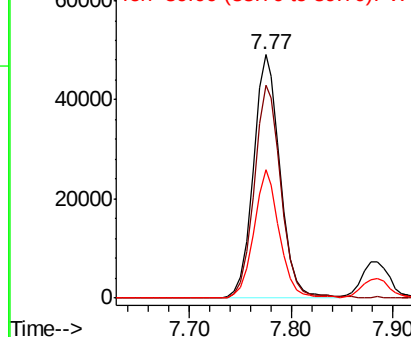
41 100

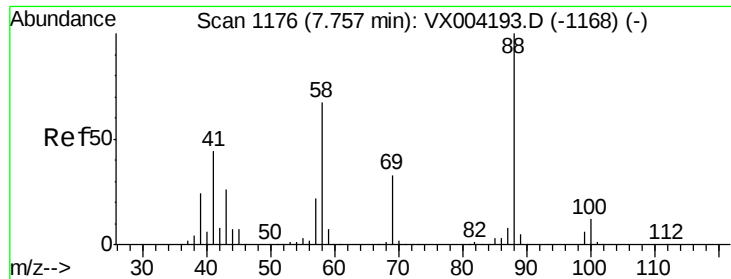
69 87.7 70.2 105.4

39 50.7 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

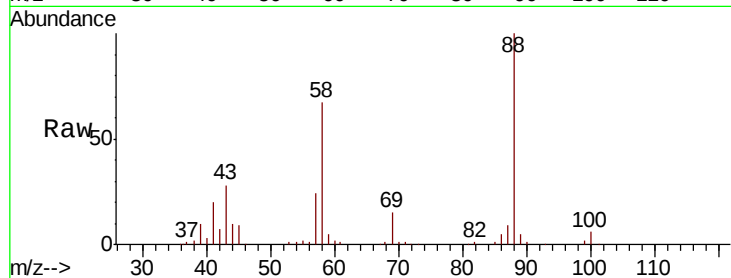




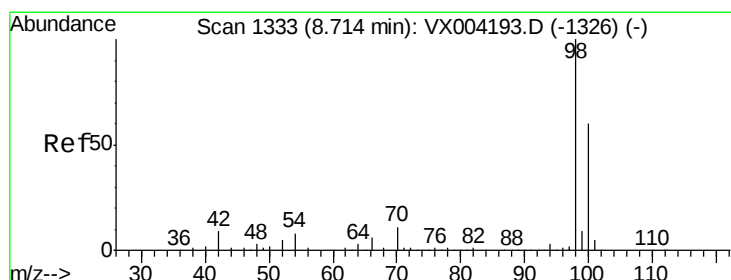
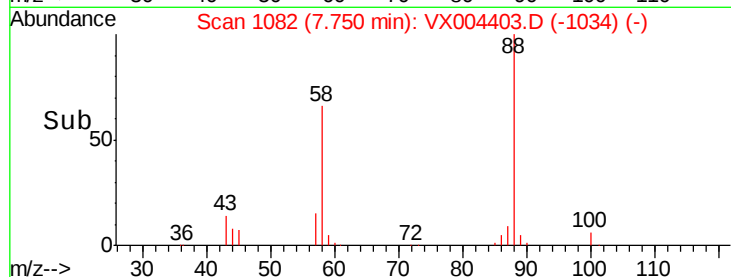
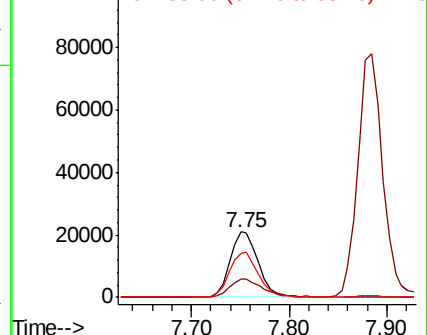
#49
1,4-Dioxane
Concen: 403.75 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBS01

Tot Ion: 88 Resp: 41716
Ion Ratio Lower Upper
88 100
43 32.2 24.7 37.1
58 69.8 55.3 82.9

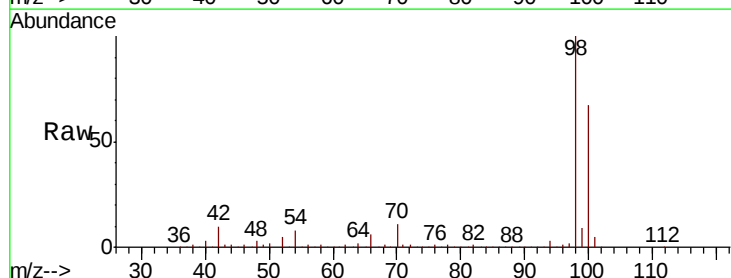


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

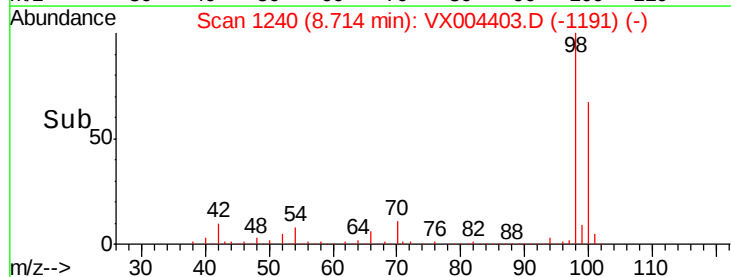
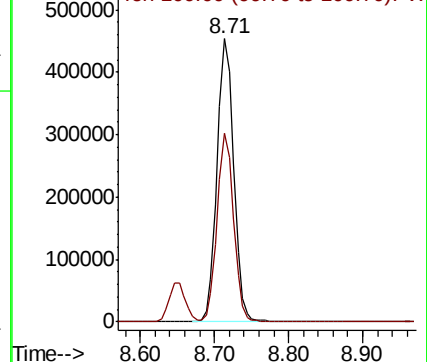


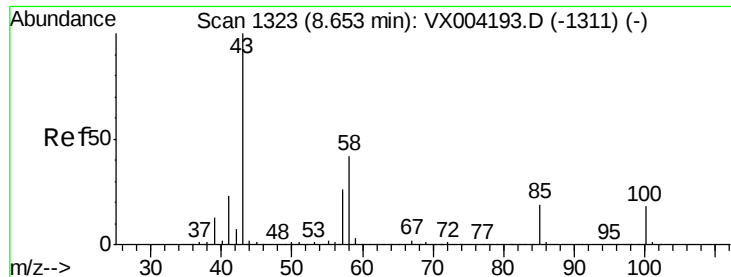
#50
Toluene-d8
Concen: 49.73 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion: 98 Resp: 699036
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



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

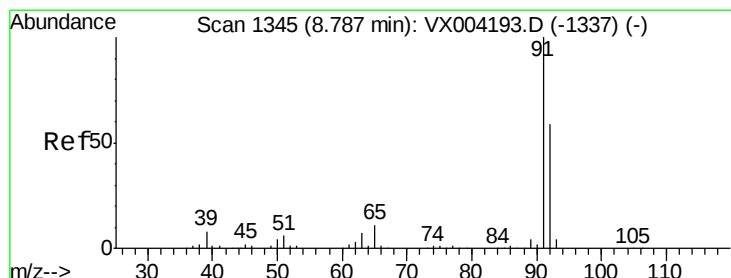
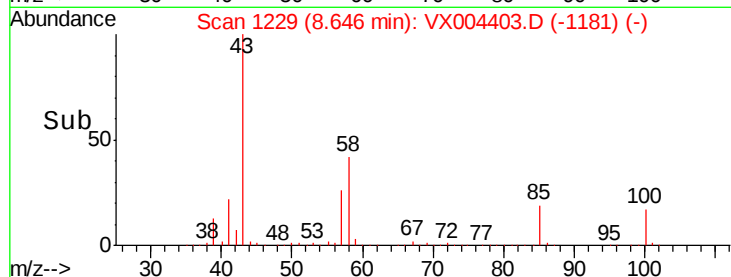
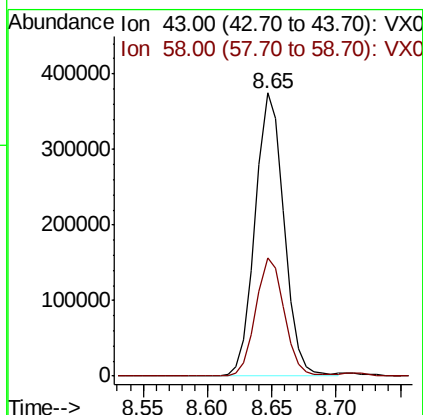
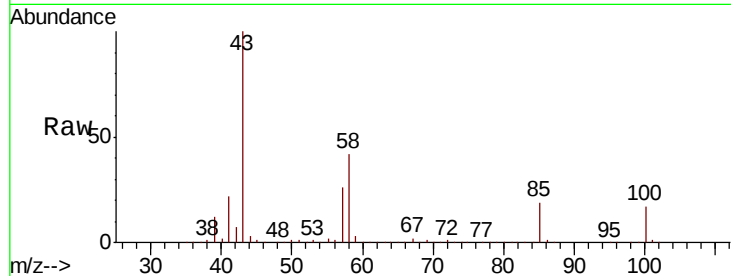




#51
 4-Methyl-2-Pentanone
 Concen: 93.41 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

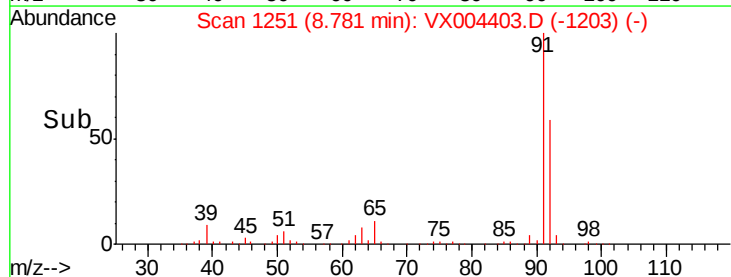
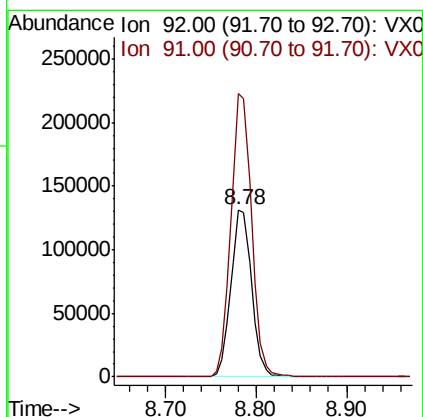
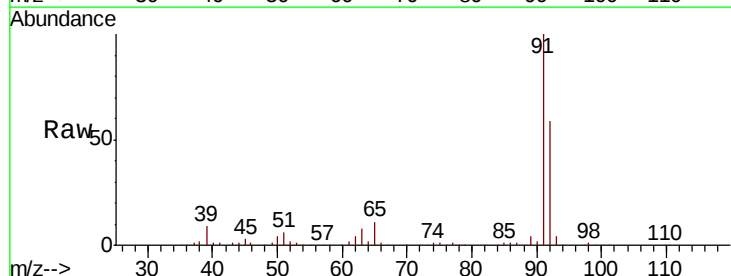
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS01

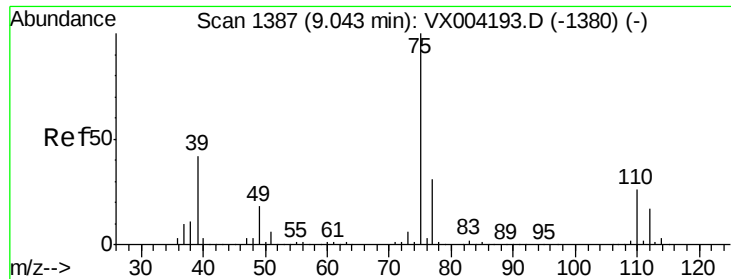
Tot Ion: 43 Resp: 577191
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.1 49.7



#52
 Toluene
 Concen: 19.81 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

Tgt Ion: 92 Resp: 208483
 Ion Ratio Lower Upper
 92 100
 91 169.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.91 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

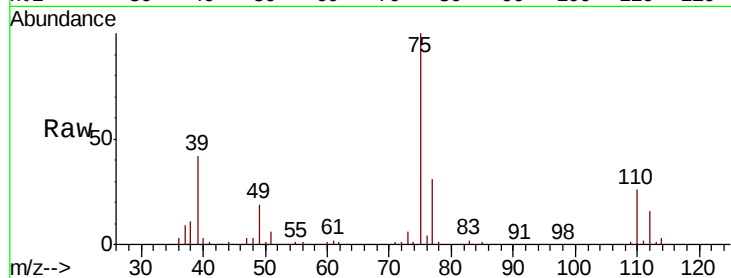
VX0907WBS01

Tot Ion: 75 Resp: 114672

Ion Ratio Lower Upper

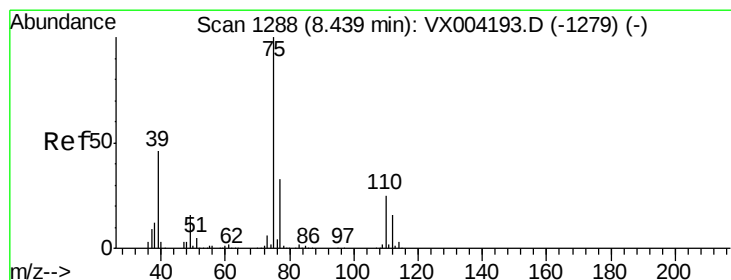
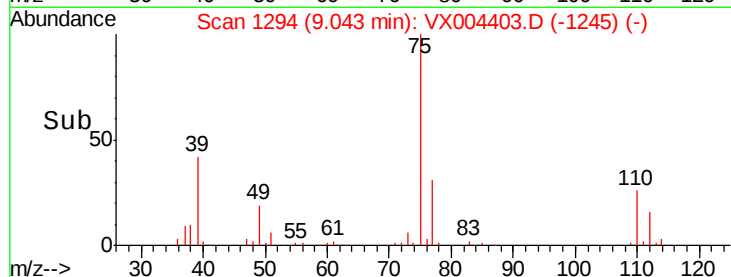
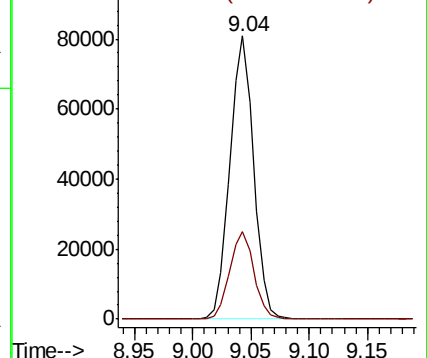
75 100

77 30.9 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.45 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

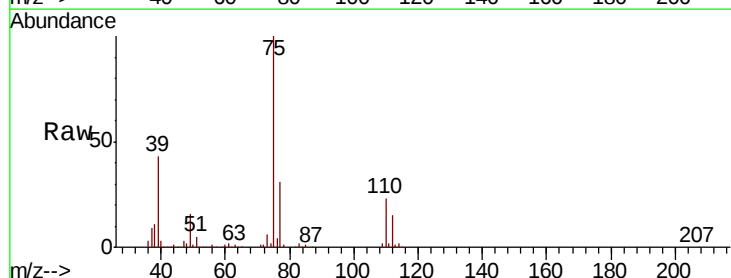
Tgt Ion: 75 Resp: 128300

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

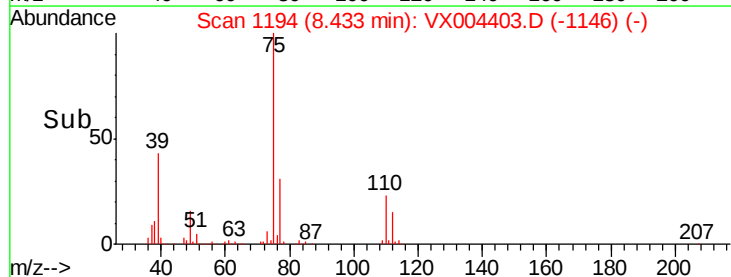
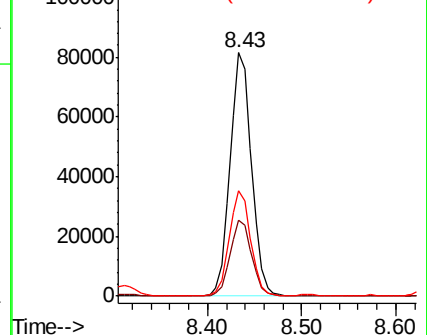
39 43.2 36.4 54.6

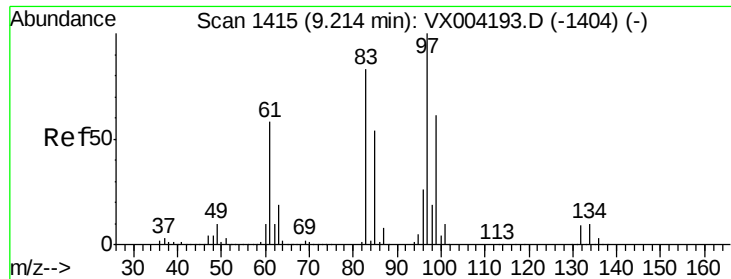


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

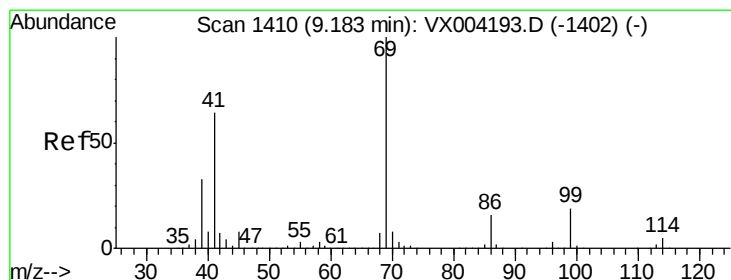
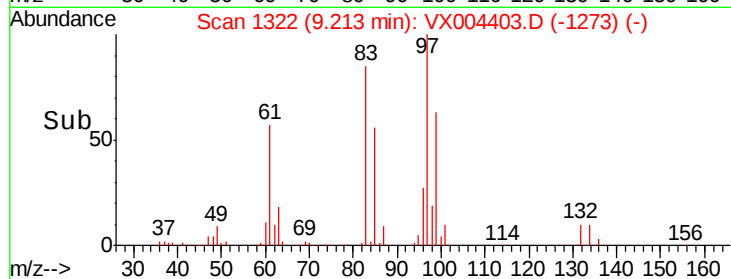
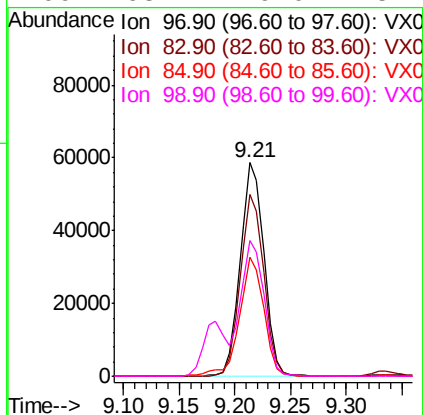
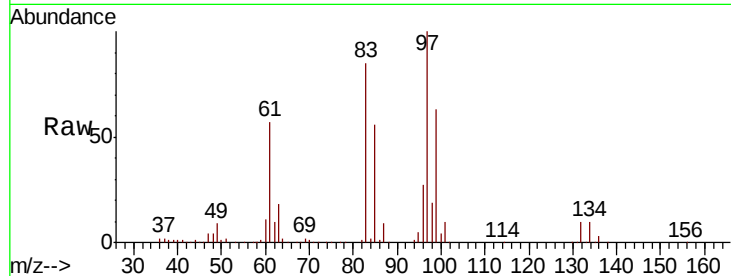




#55
 1,1,2-Trichloroethane
 Concen: 20.39 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

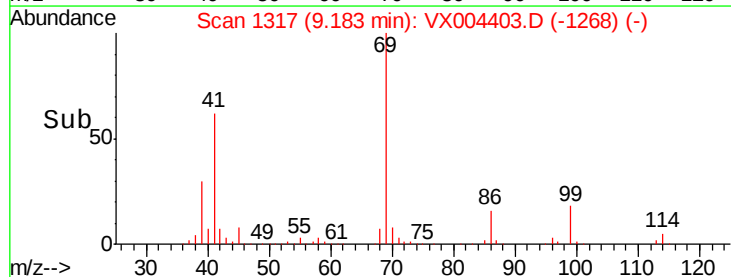
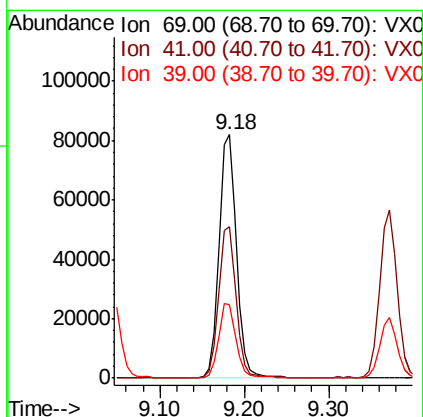
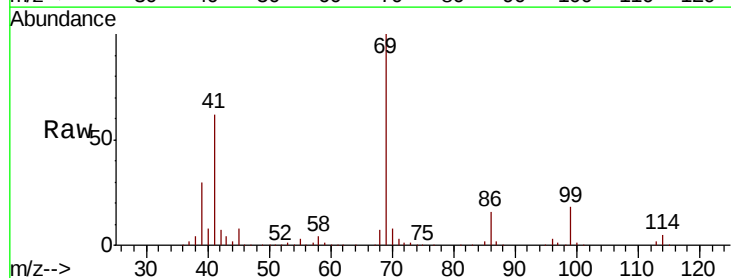
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS01

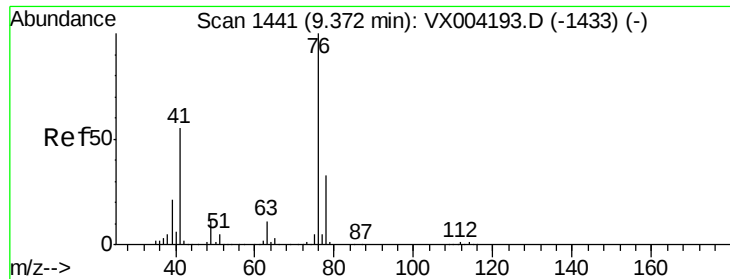
Tot Ion:	97	Resp:	86631
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.4	99.6
85	56.0	43.3	64.9
99	63.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.42 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

Tgt Ion:	69	Resp:	118092
Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.0	76.4
39	30.4	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.38 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

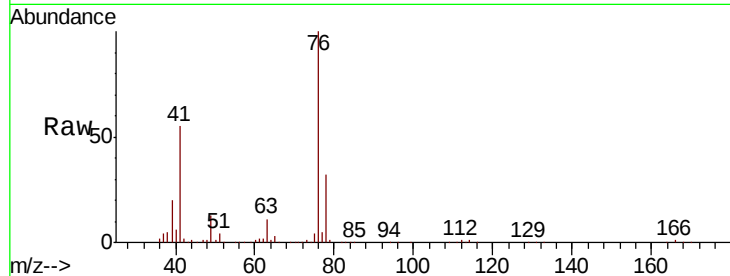
VX0907WBS01

Tot Ion: 76 Resp: 145939

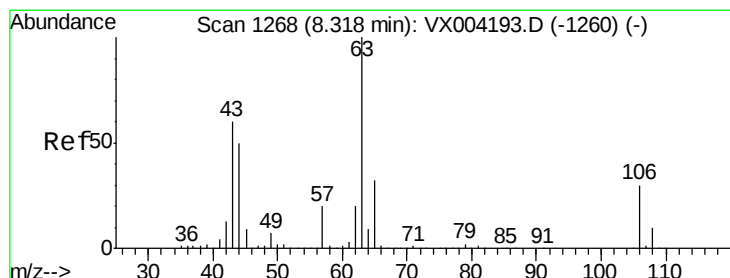
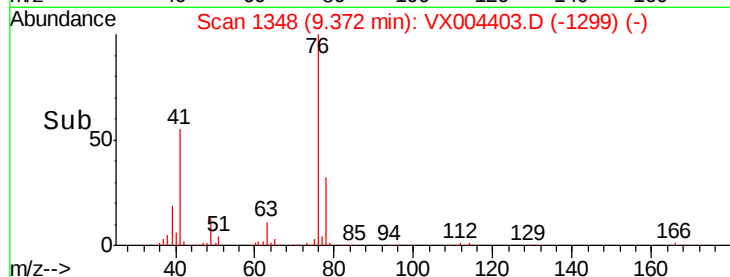
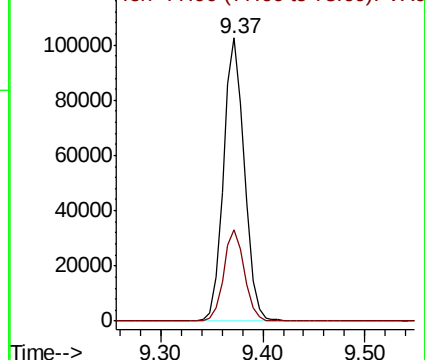
Ion Ratio Lower Upper

76 100

78 31.9 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: 102.96 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004403.D

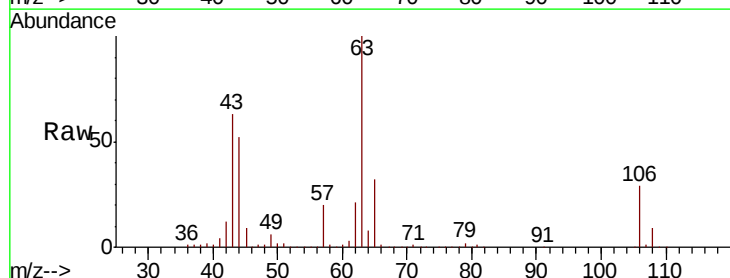
Acq: 07 Sep 2018 12:58

Tgt Ion: 63 Resp: 305176

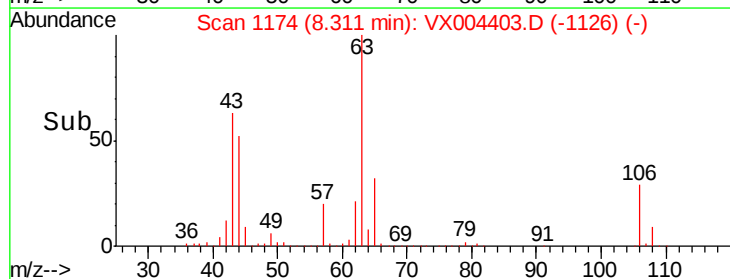
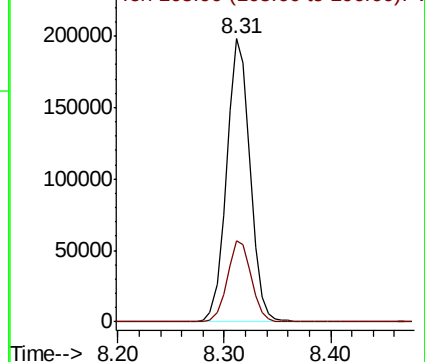
Ion Ratio Lower Upper

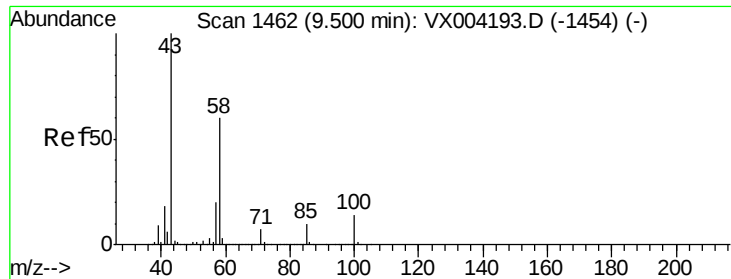
63 100

106 29.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

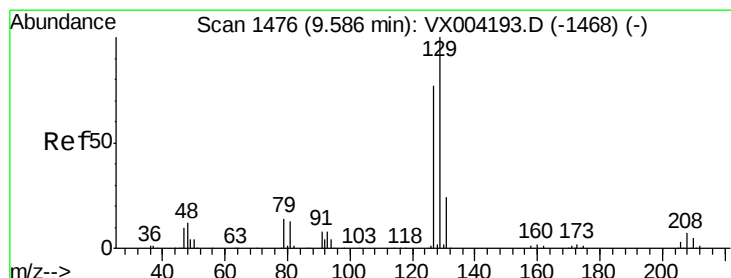
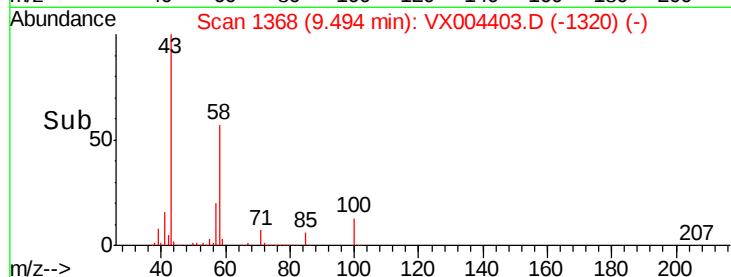
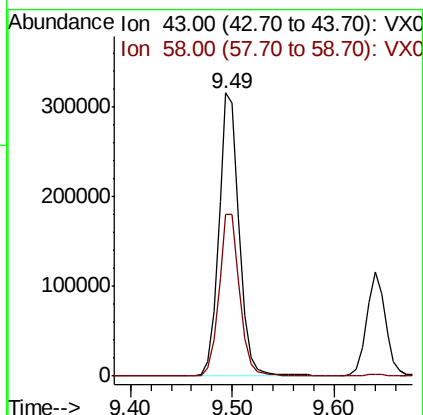
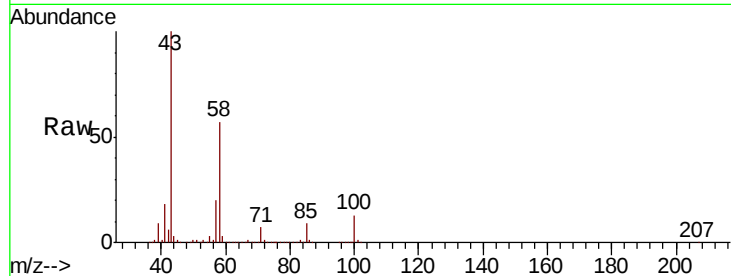




#59
2-Hexanone
Concen: 93.05 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

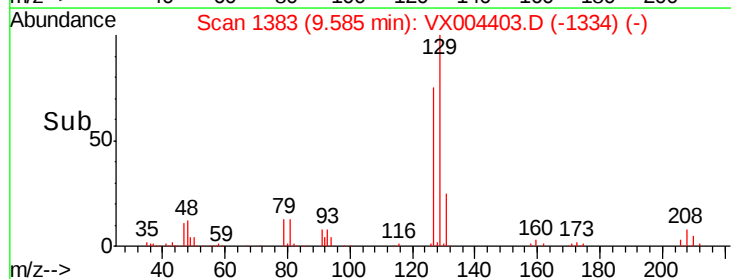
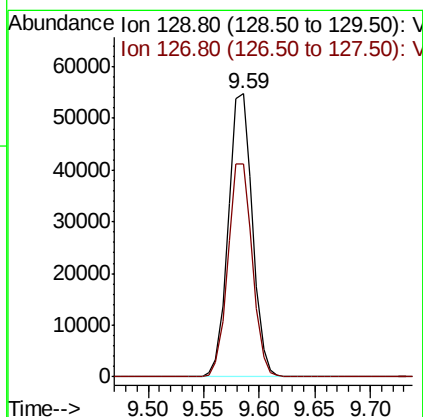
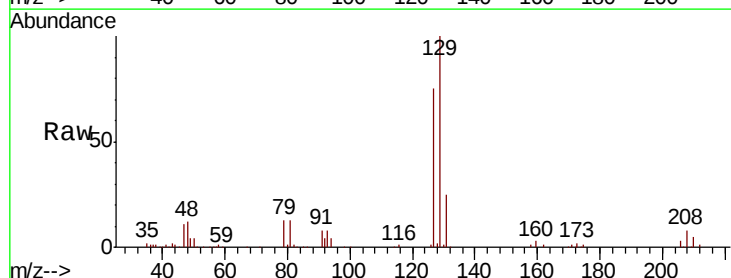
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBS01

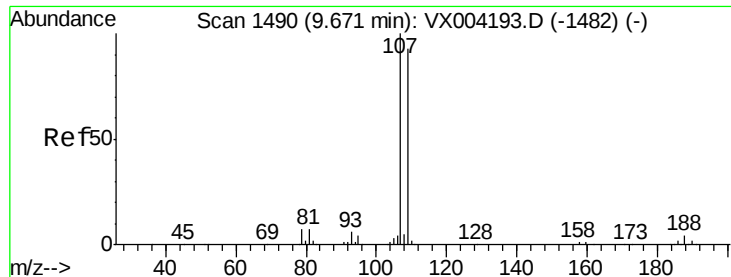
Tot Ion: 43 Resp: 438650
Ion Ratio Lower Upper
43 100
58 58.2 29.0 87.0



#60
Dibromochloromethane
Concen: 19.79 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion: 129 Resp: 81925
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.70 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

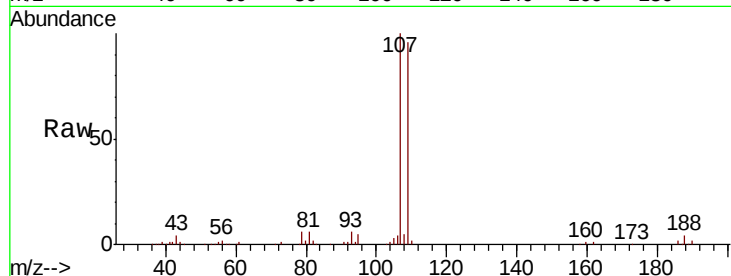
VX0907WBS01

Tot Ion:107 Resp: 86612

Ion Ratio Lower Upper

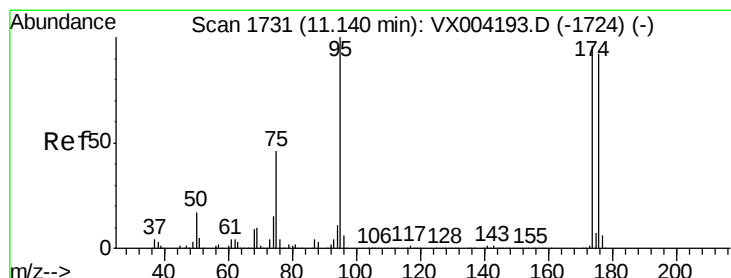
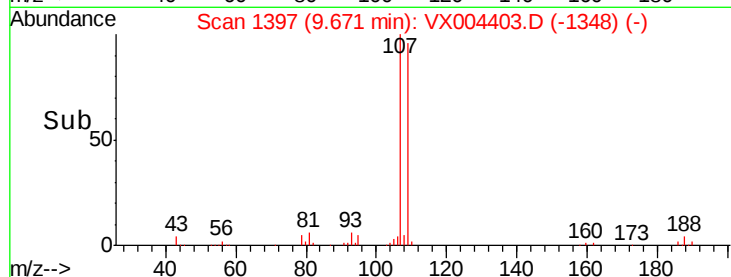
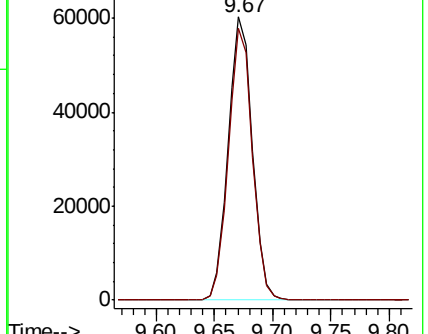
107 100

109 95.6 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: 51.65 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

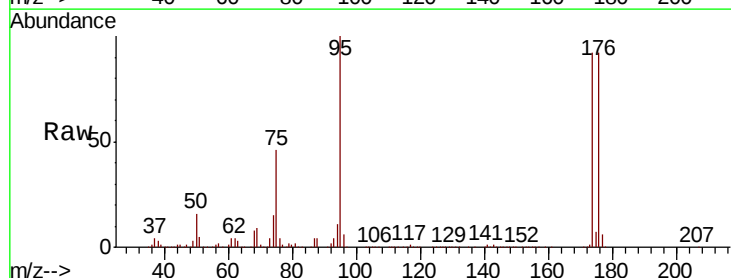
Tgt Ion: 95 Resp: 270916

Ion Ratio Lower Upper

95 100

174 90.0 0.0 185.2

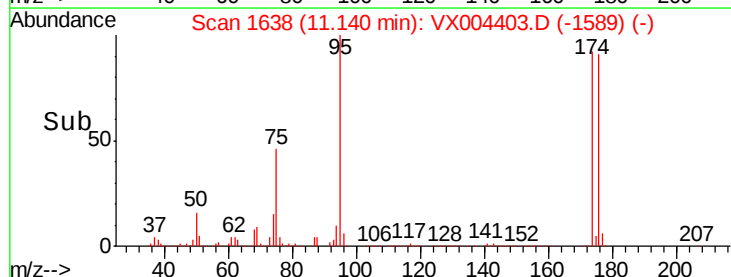
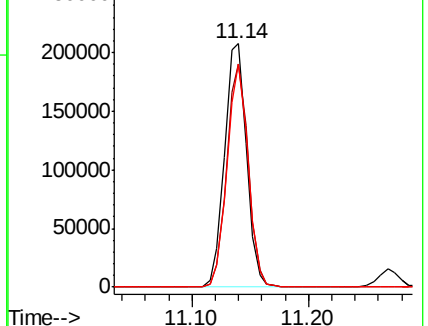
176 87.8 0.0 178.6



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

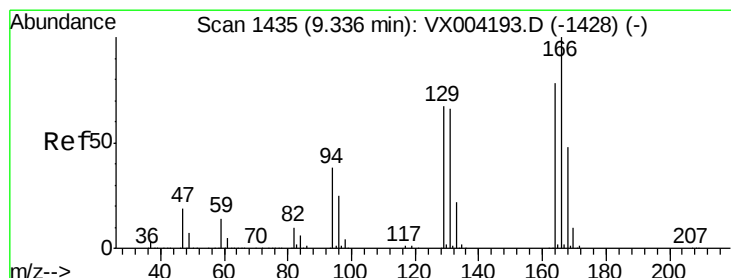
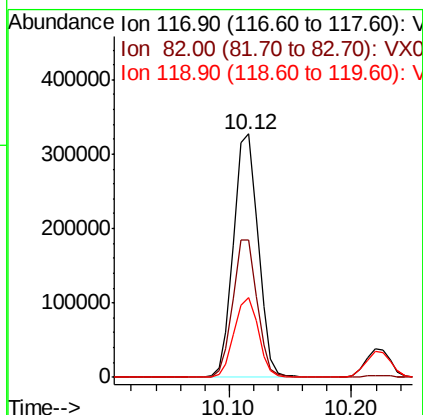
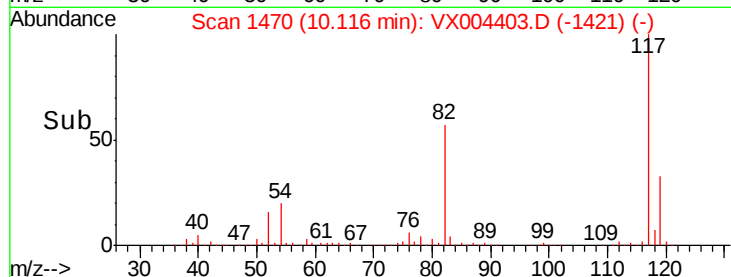
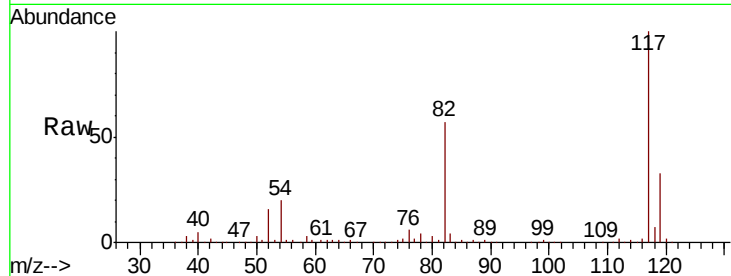




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

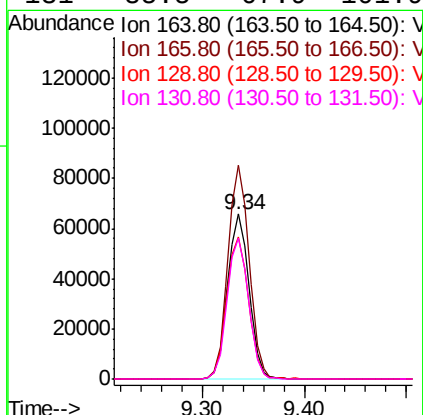
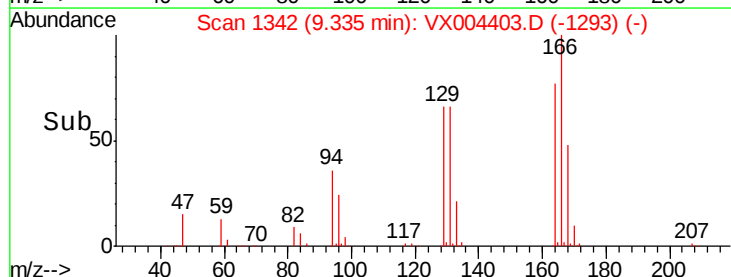
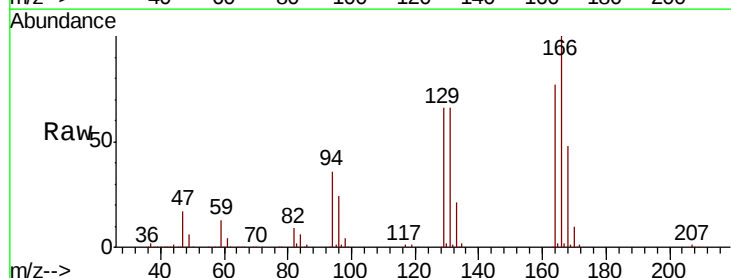
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBS01

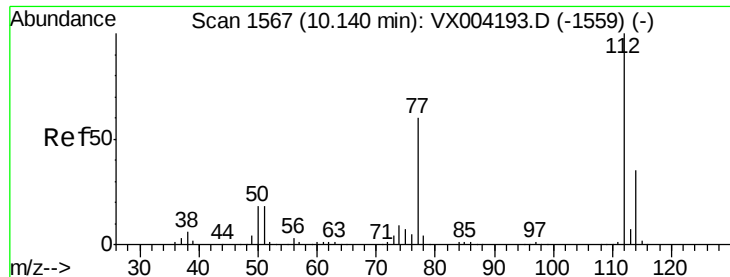
Tot Ion:117 Resp: 454930
Ion Ratio Lower Upper
117 100
82 56.6 47.8 71.6
119 33.0 29.3 43.9



#64
Tetrachloroethene
Concen: 21.35 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion:164 Resp: 95970
Ion Ratio Lower Upper
164 100
166 129.4 102.8 154.2
129 86.0 69.4 104.0
131 85.5 67.9 101.9

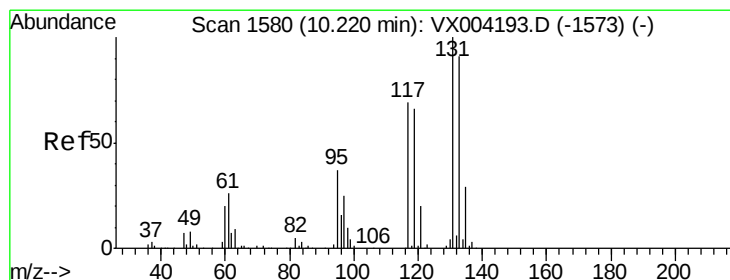
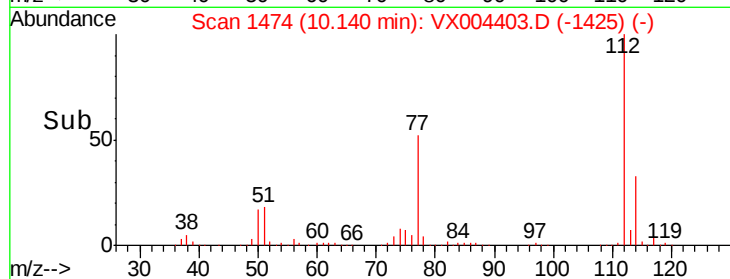
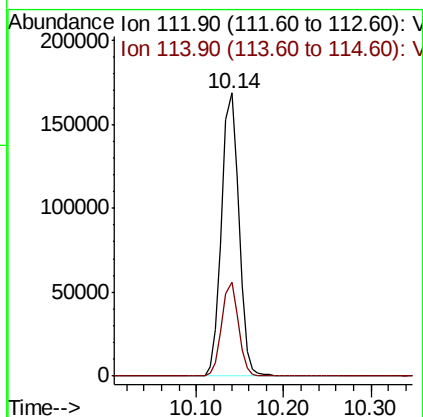
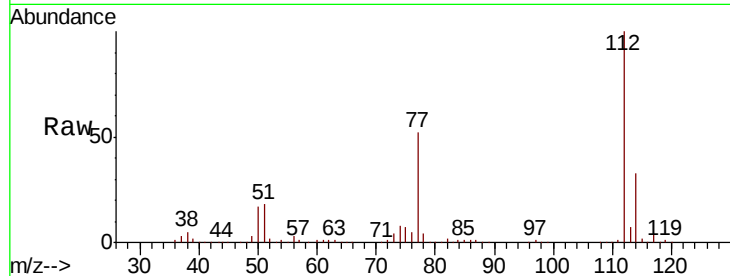




#65
Chlorobenzene
Concen: 20.25 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

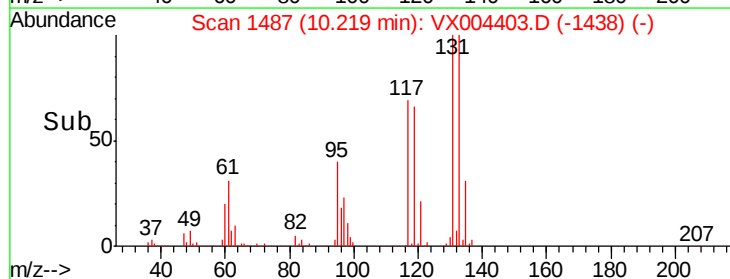
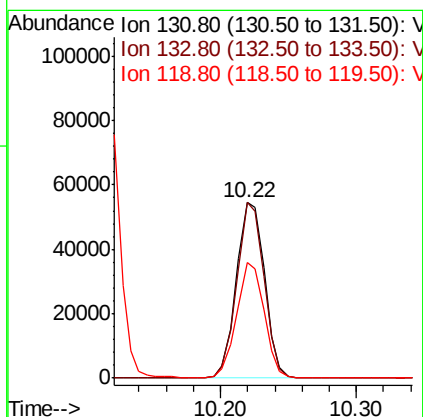
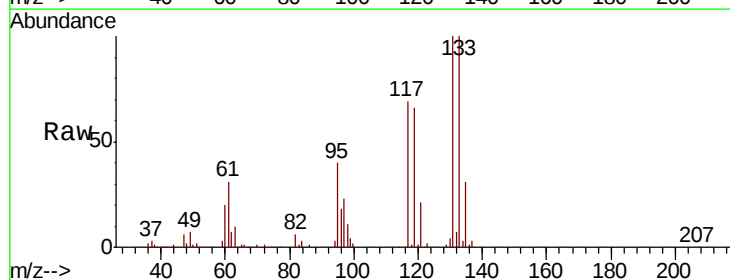
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBS01

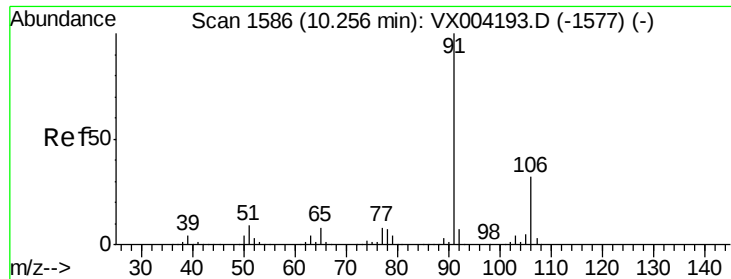
Tot Ion:112 Resp: 231258
Ion Ratio Lower Upper
112 100
114 33.2 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.09 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion:131 Resp: 79104
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 64.0 32.9 98.6

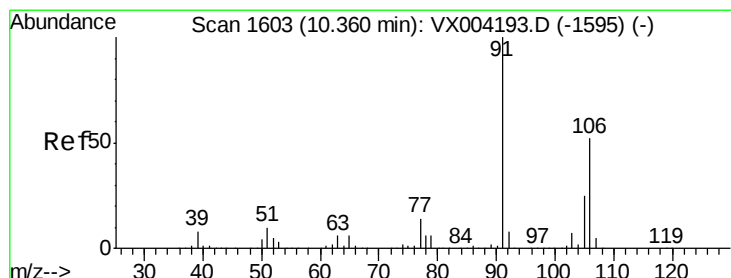
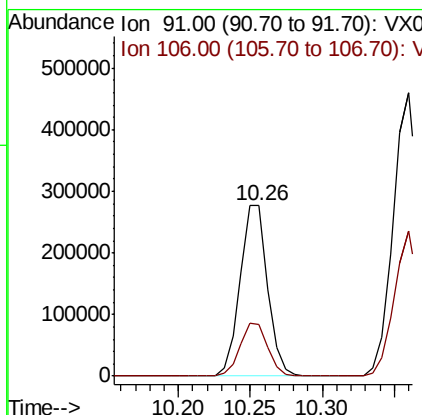
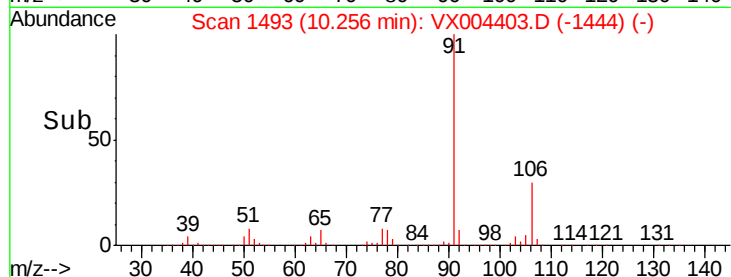
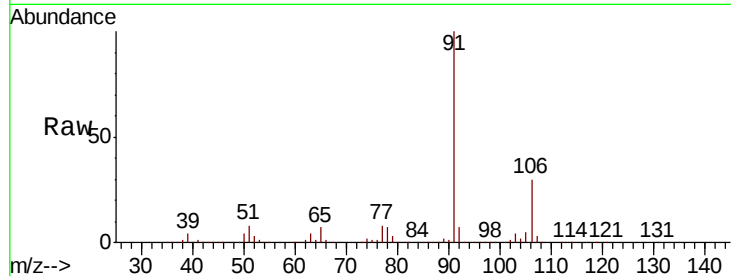




#67
Ethyl Benzene
Concen: 19.93 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

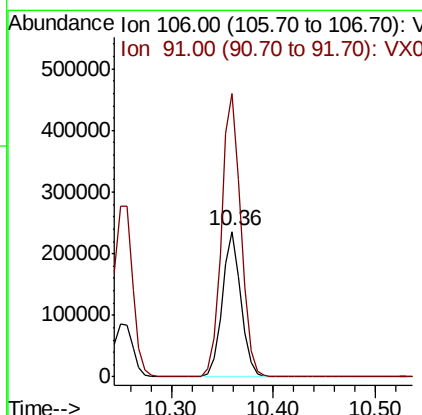
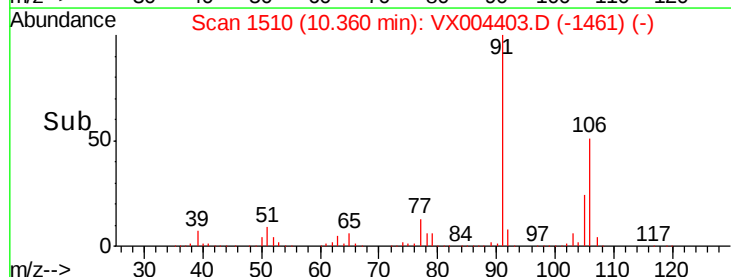
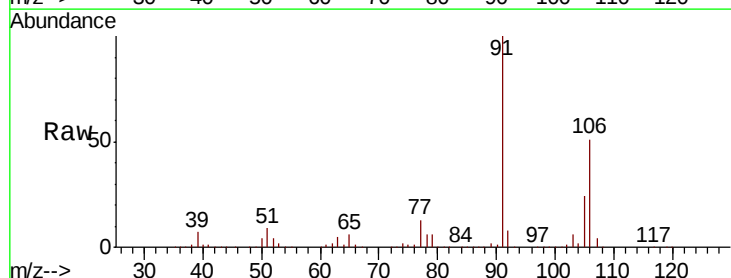
Instrument :
MSVOA_X
ClientSampled :
VX0907WBS01

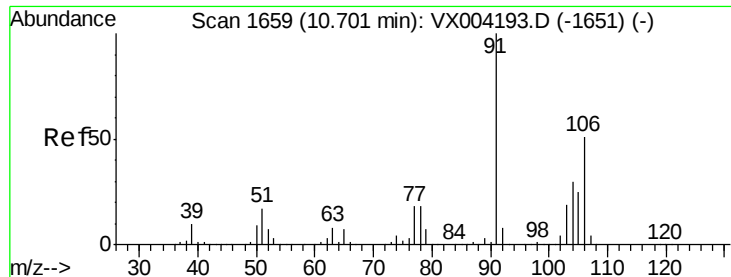
Tot Ion: 91 Resp: 369529
Ion Ratio Lower Upper
91 100
106 30.0 25.9 38.9



#68
m/p-Xylenes
Concen: 41.31 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion: 106 Resp: 299552
Ion Ratio Lower Upper
106 100
91 202.7 157.1 235.7

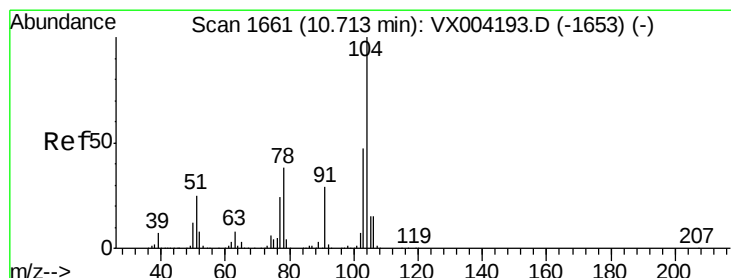
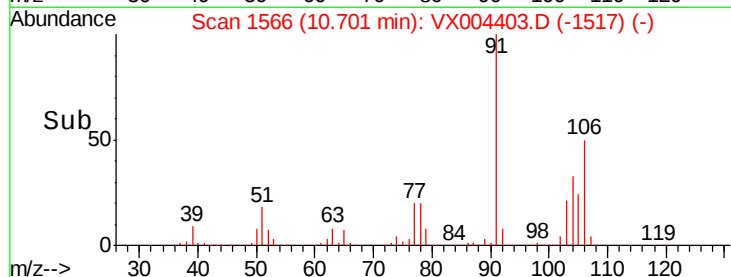
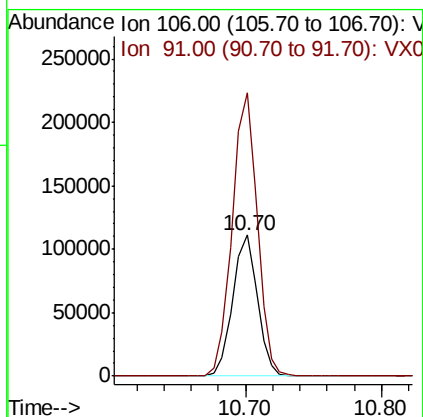
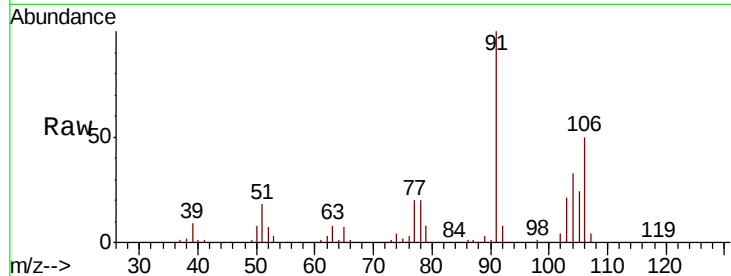




#69
o-Xylene
Concen: 20.50 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

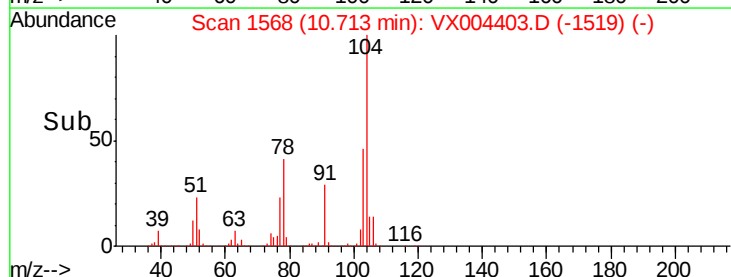
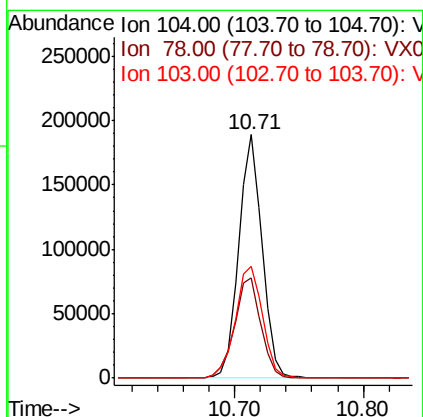
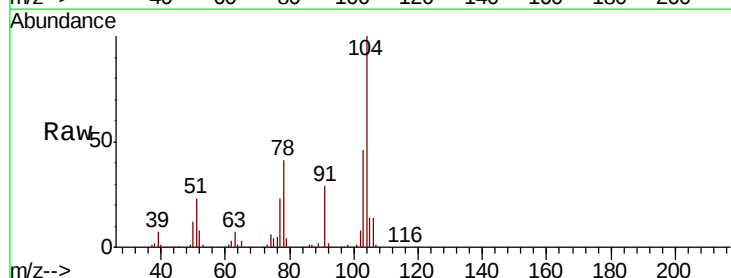
Instrument :
MSVOA_X
ClientSampled :
VX0907WBS01

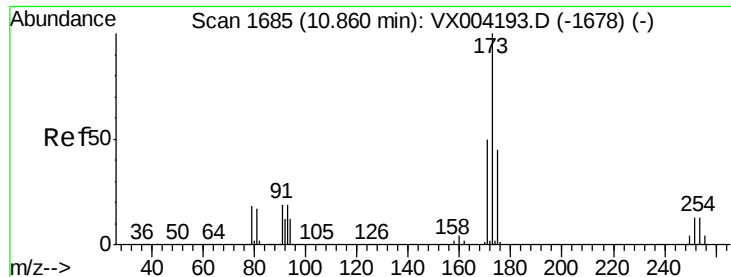
Tot Ion:106 Resp: 140616
Ion Ratio Lower Upper
106 100
91 204.6 105.1 315.1



#70
Styrene
Concen: 21.37 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion:104 Resp: 237315
Ion Ratio Lower Upper
104 100
78 47.1 37.4 56.0
103 53.6 43.8 65.6





#71

Bromoform

Concen: 19.20 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

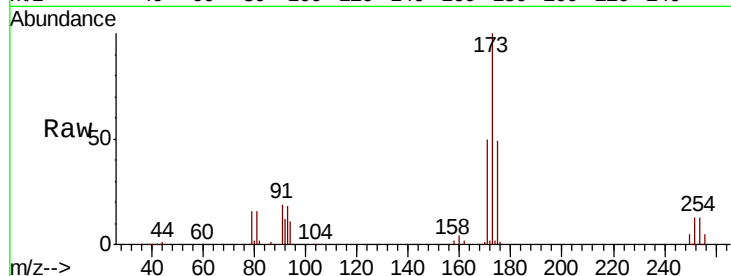
Tot Ion:173 Resp: 60963

Ion Ratio Lower Upper

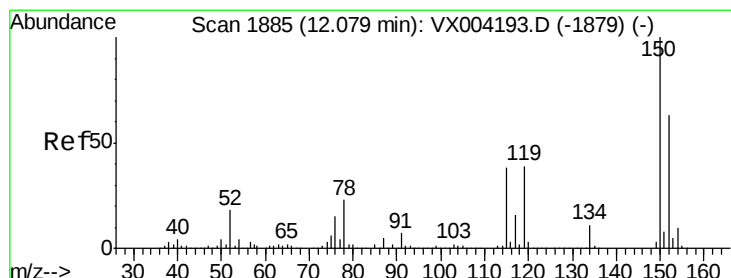
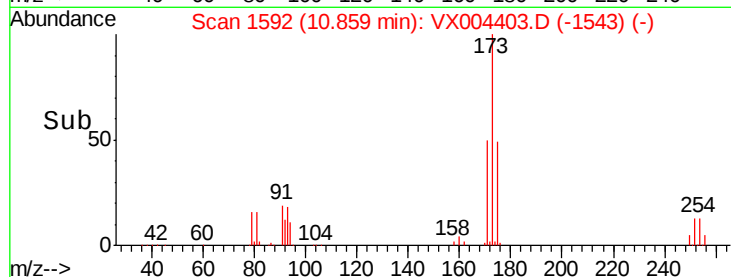
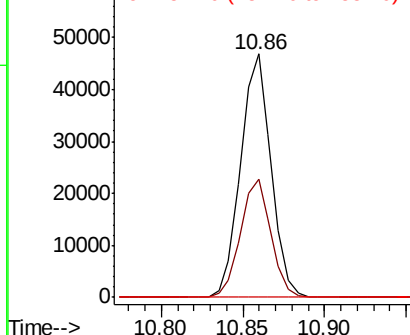
173 100

175 48.3 24.1 72.3

254 0.1 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: VX004403.D

Acq: 07 Sep 2018 12:58

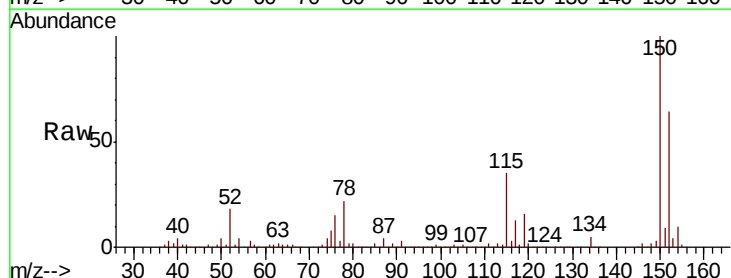
Tgt Ion:152 Resp: 294940

Ion Ratio Lower Upper

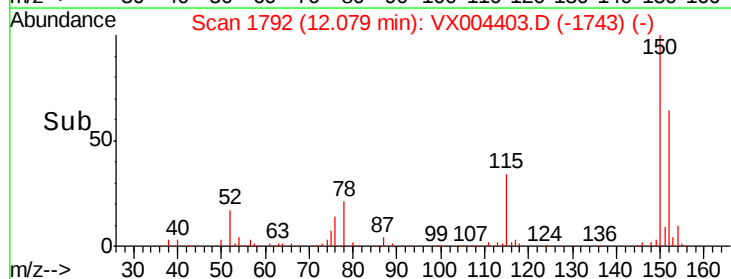
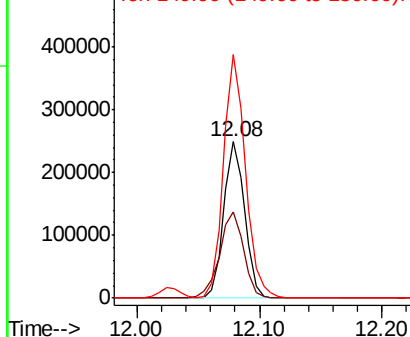
152 100

115 63.8 39.0 117.0

150 162.9 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: 20.38 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

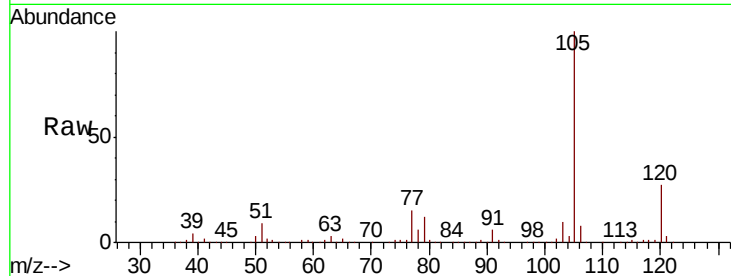
VX0907WBS01

Tot Ion:105 Resp: 394815

Ion Ratio Lower Upper

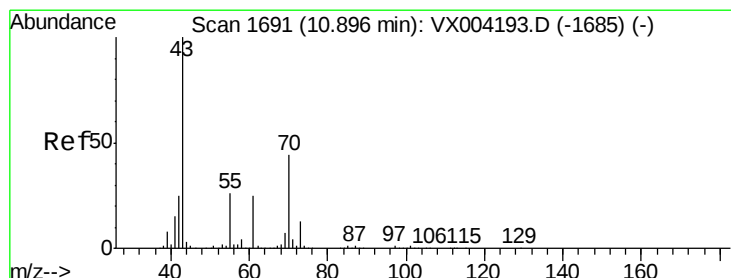
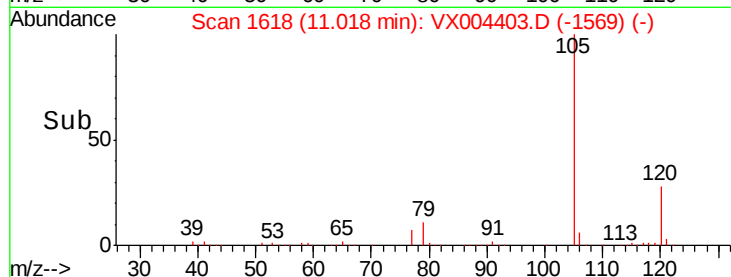
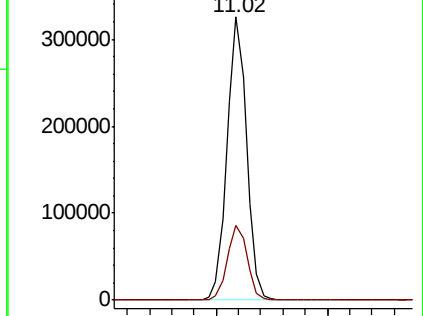
105 100

120 27.1 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: 18.72 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Tgt Ion: 43 Resp: 139655

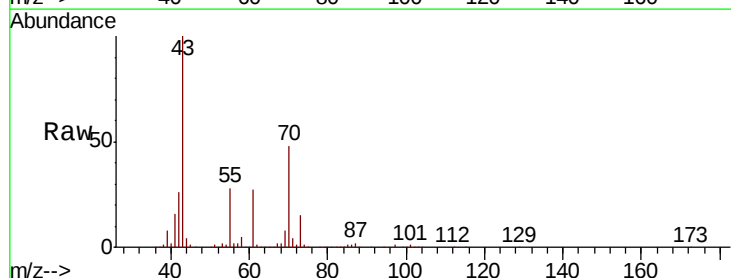
Ion Ratio Lower Upper

43 100

70 47.5 37.4 56.0

55 28.5 21.8 32.8

61 26.1 20.6 30.8

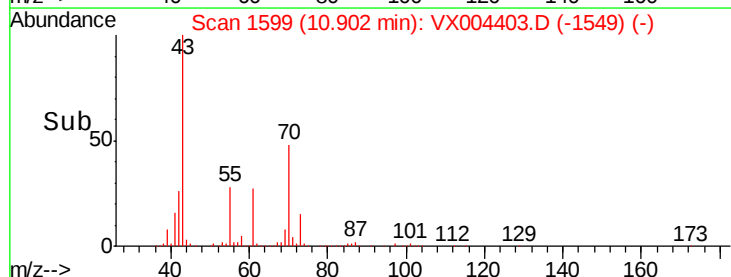
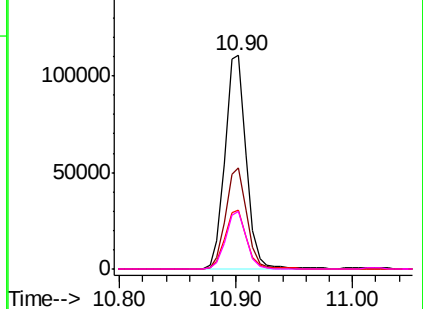


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.66 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampled :

VX0907WBS01

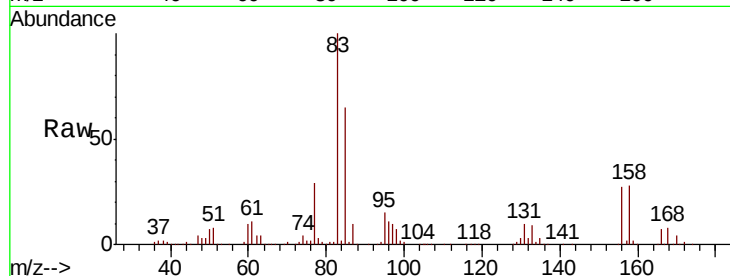
Tot Ion: 83 Resp: 126523

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

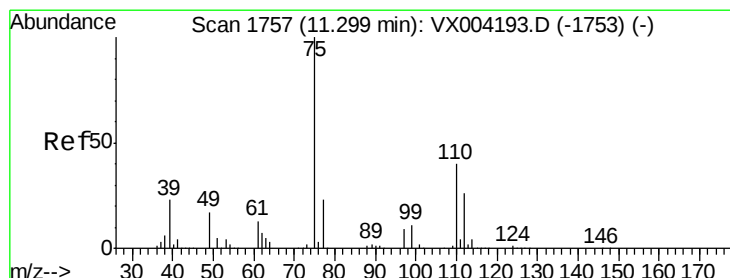
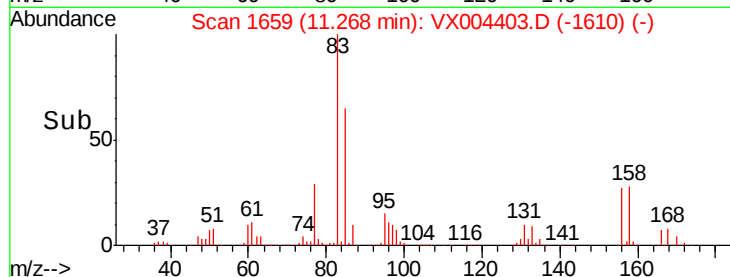
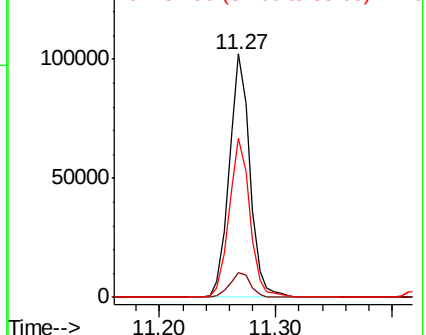
85 65.6 32.3 96.8



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: 24.26 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004403.D

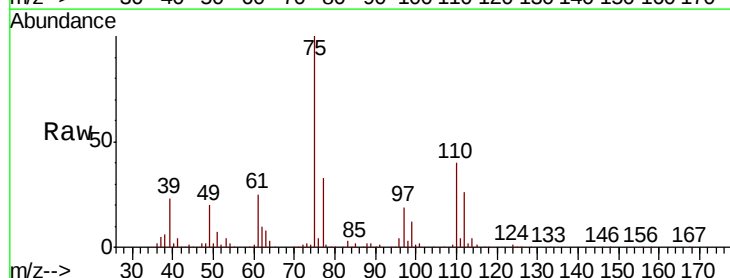
Acq: 07 Sep 2018 12:58

Tgt Ion: 75 Resp: 145515

Ion Ratio Lower Upper

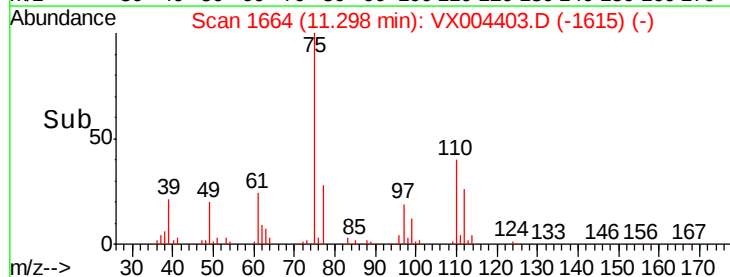
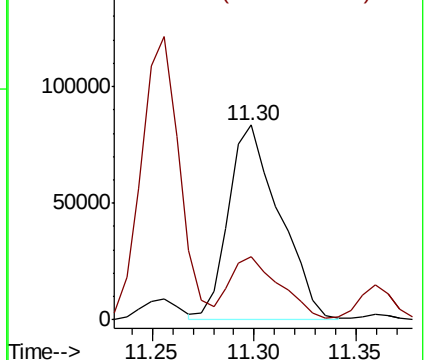
75 100

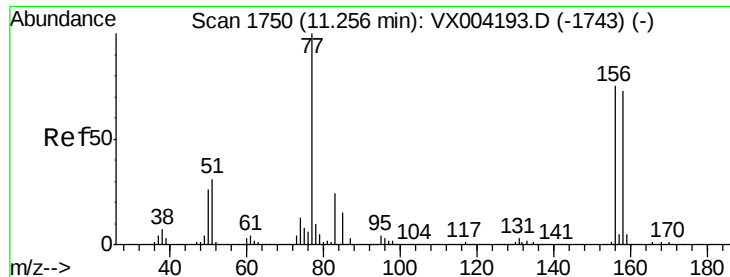
77 31.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.58 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

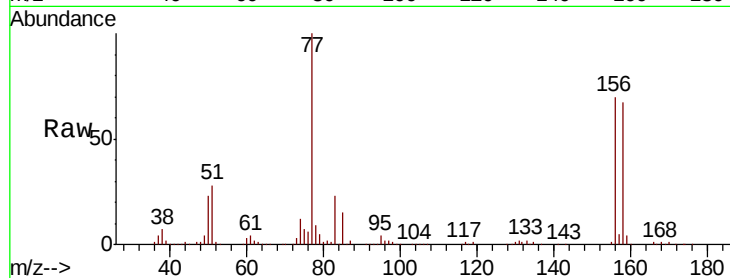
Tot Ion:156 Resp: 106387

Ion Ratio Lower Upper

156 100

77 148.0 71.5 214.3

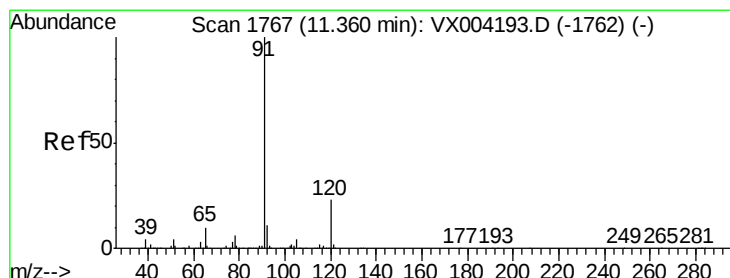
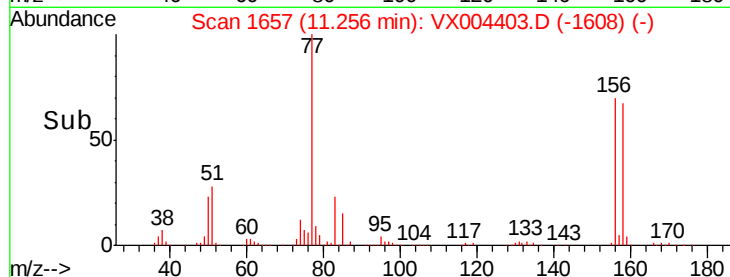
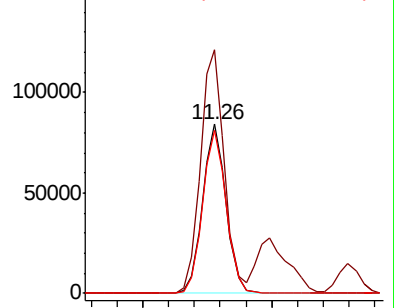
158 97.8 48.9 146.8



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: 20.41 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004403.D

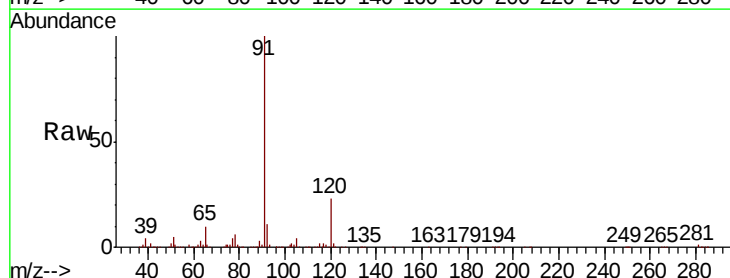
Acq: 07 Sep 2018 12:58

Tgt Ion: 91 Resp: 454805

Ion Ratio Lower Upper

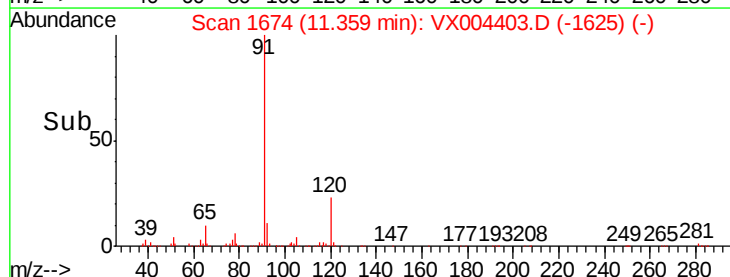
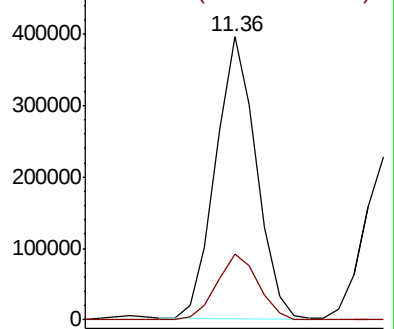
91 100

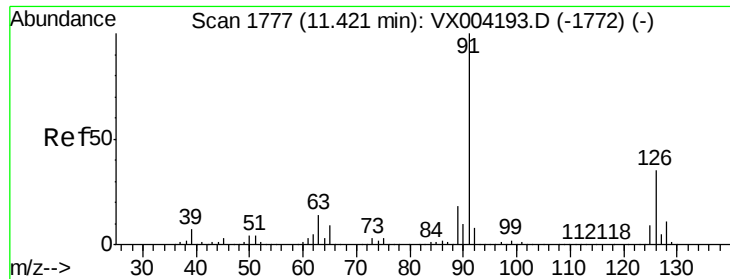
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

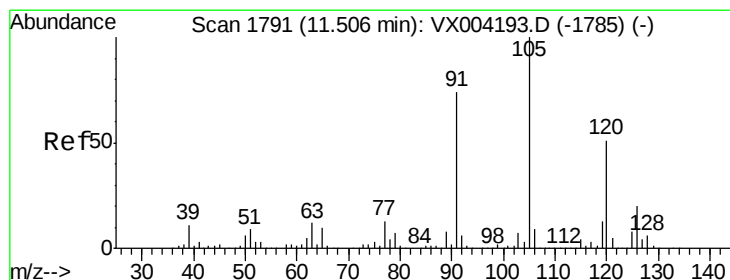
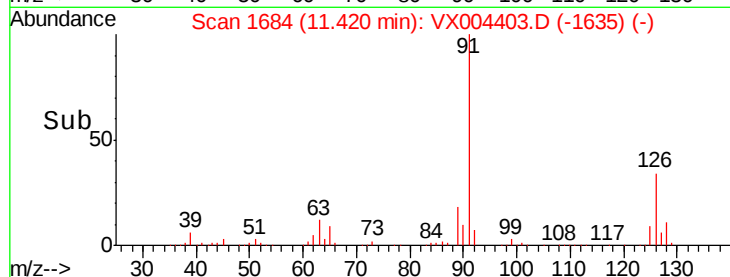
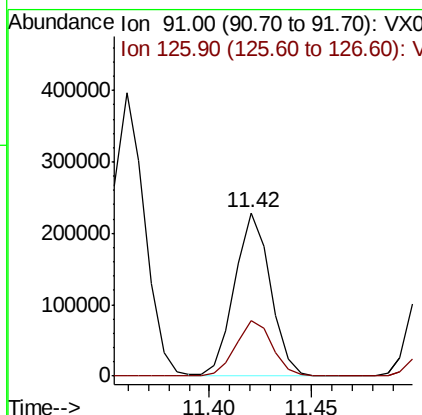
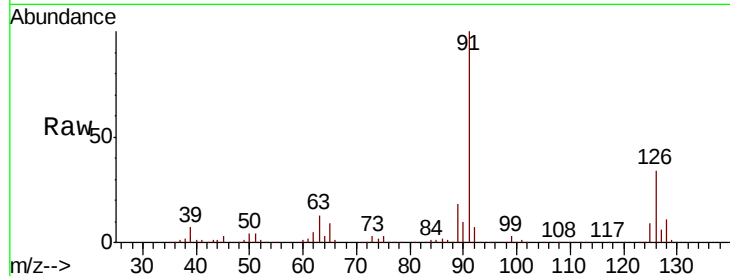




#79
 2-Chlorotoluene
 Concen: 20.16 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

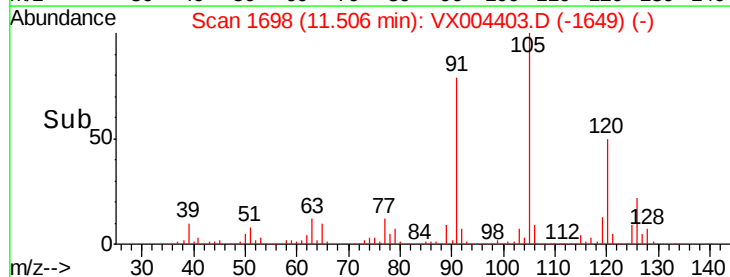
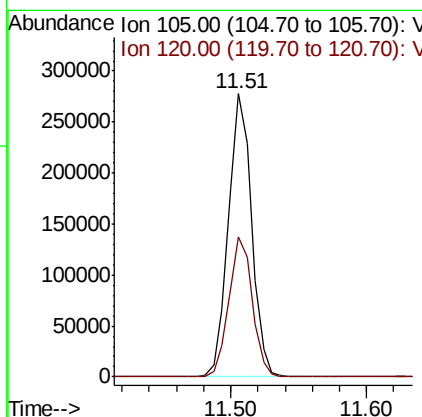
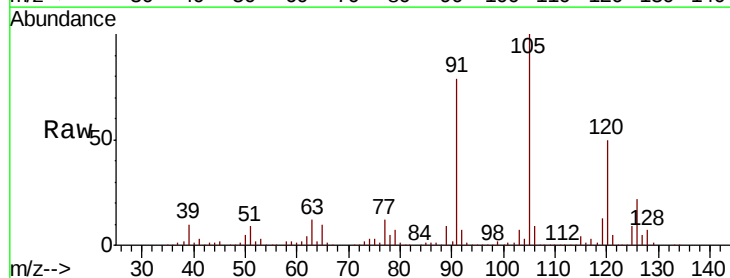
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS01

Tot Ion: 91 Resp: 276444
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.52 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

Tgt Ion: 105 Resp: 329114
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.33 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

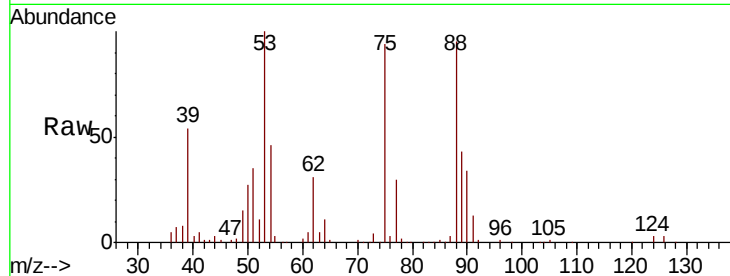
MSVOA_X

ClientSampleId :

VX0907WBS01

Tot Ion: 75 Resp: 33897

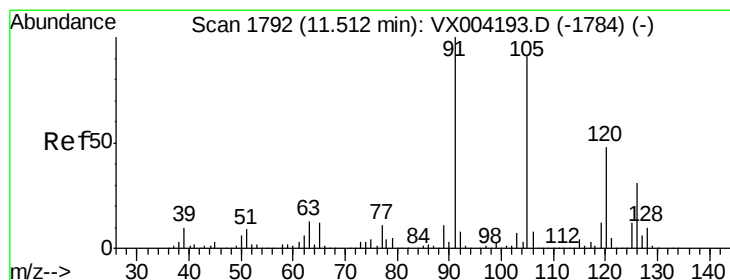
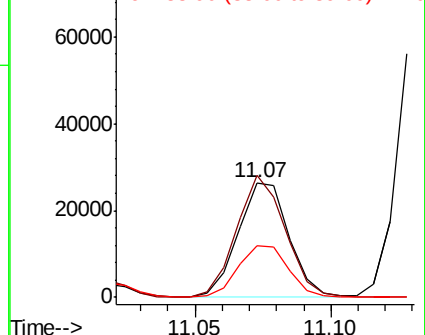
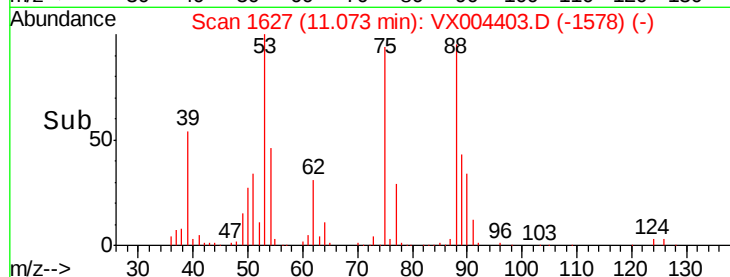
Ion	Ratio	Lower	Upper
75	100		
53	103.8	80.1	120.1
89	45.8	37.2	55.8



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: 19.84 ug/l

RT: 11.51 min Scan# 1699

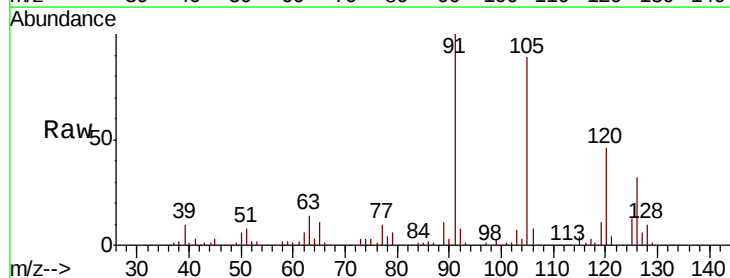
Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

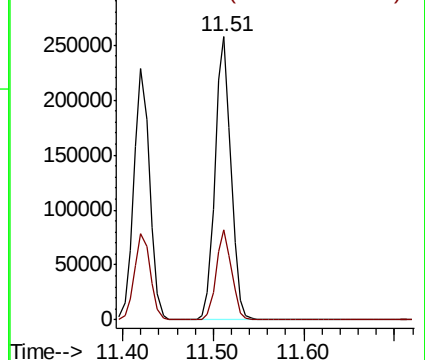
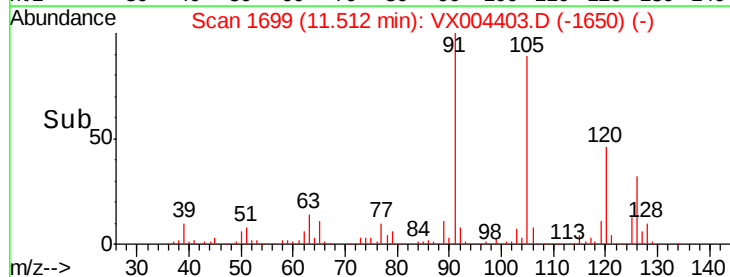
Tgt Ion: 91 Resp: 320093

Ion	Ratio	Lower	Upper
91	100		
126	31.0	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: 20.13 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

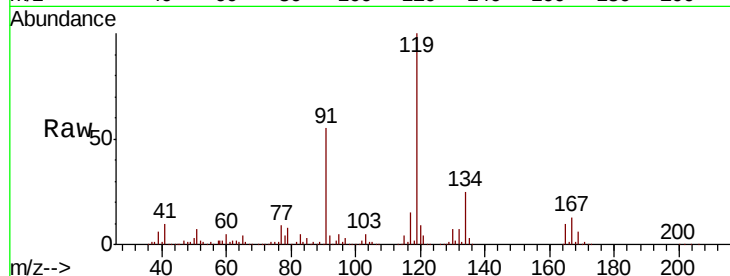
Tot Ion:119 Resp: 324856

Ion Ratio Lower Upper

119 100

91 54.8 27.0 81.0

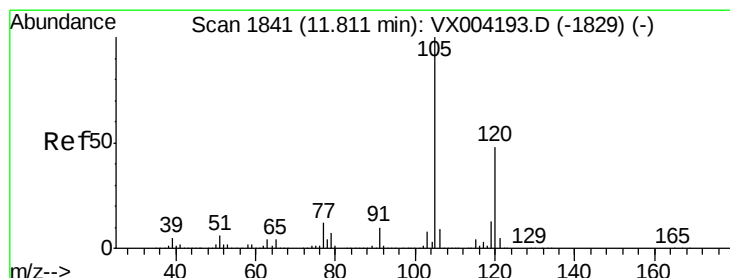
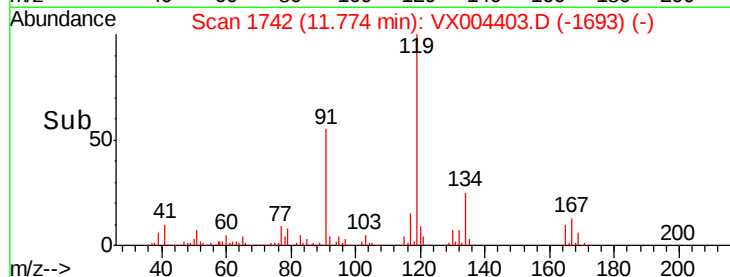
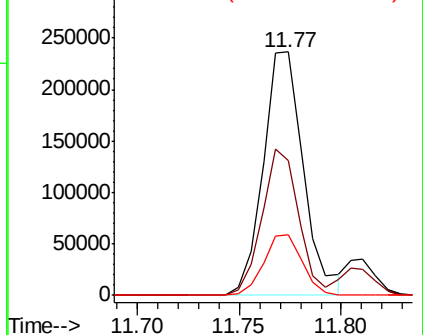
134 24.1 11.7 35.1



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: 20.60 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004403.D

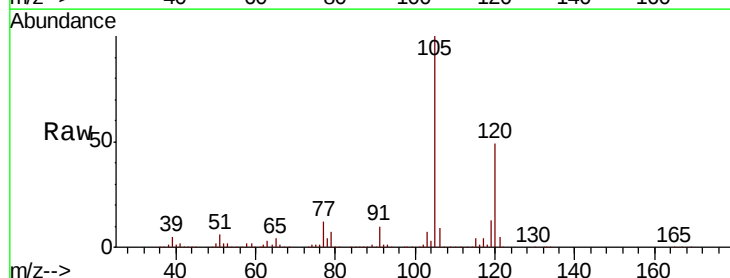
Acq: 07 Sep 2018 12:58

Tgt Ion:105 Resp: 339260

Ion Ratio Lower Upper

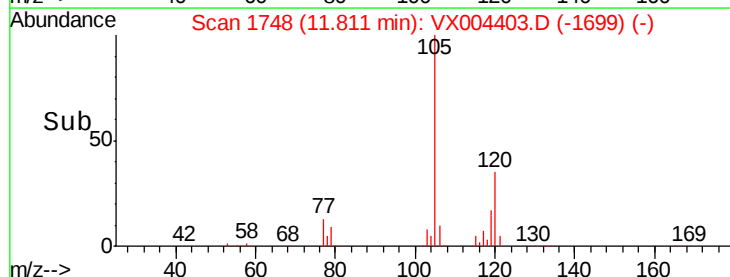
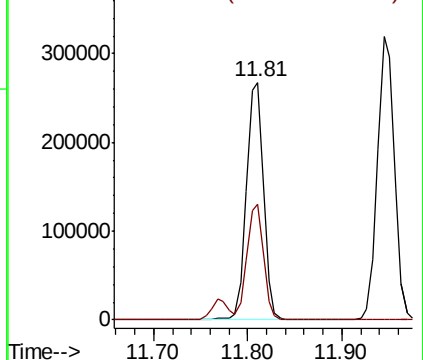
105 100

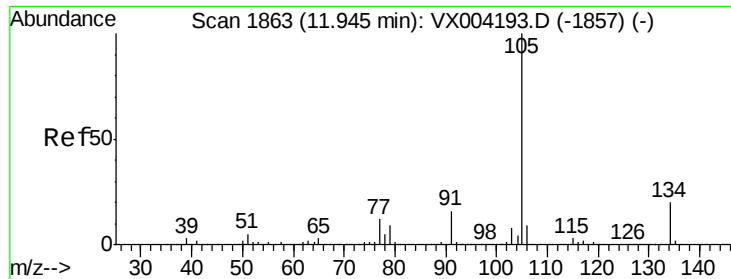
120 47.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

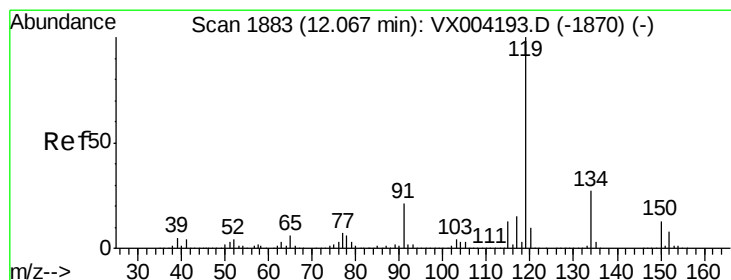
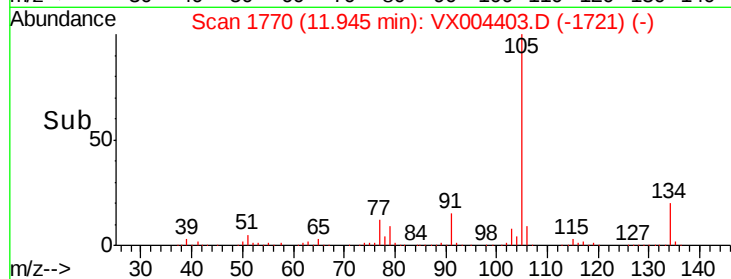
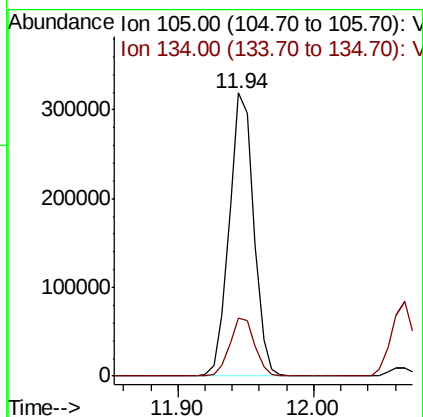
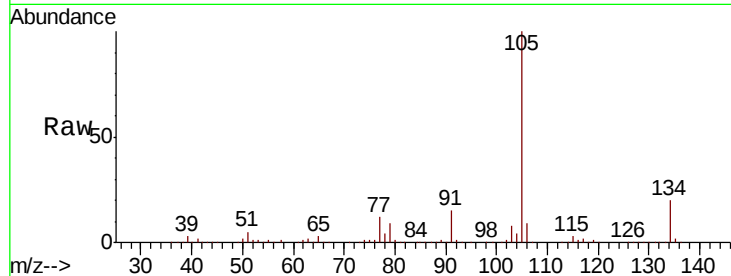




#85
 sec-Butylbenzene
 Concen: 20.75 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

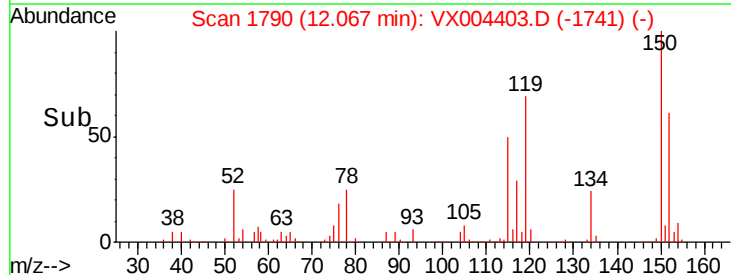
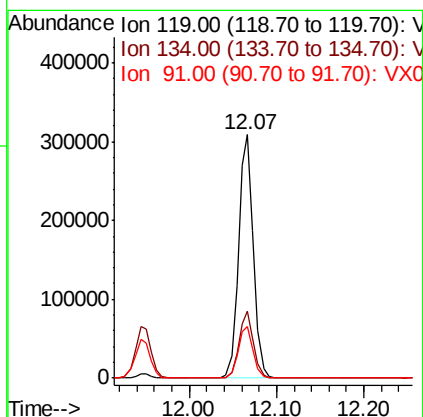
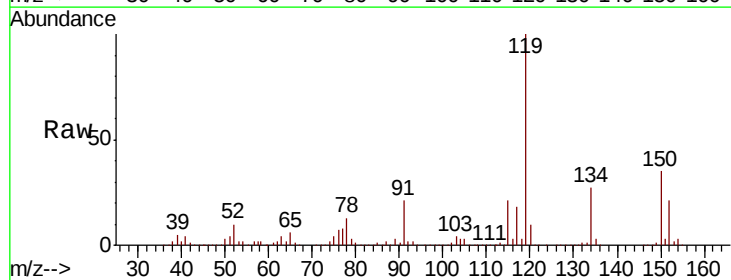
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS01

Tot Ion:105 Resp: 397701
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 21.23 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

Tgt Ion:119 Resp: 364508
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 21.8 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 19.57 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

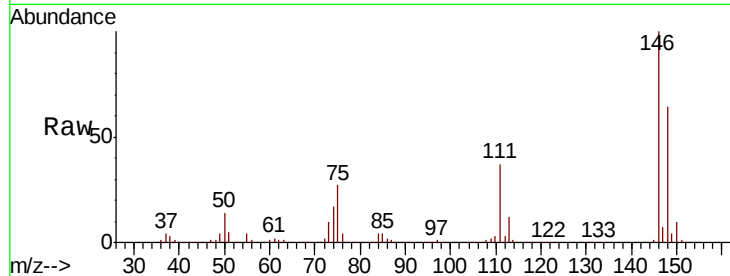
Tot Ion:146 Resp: 200252

Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

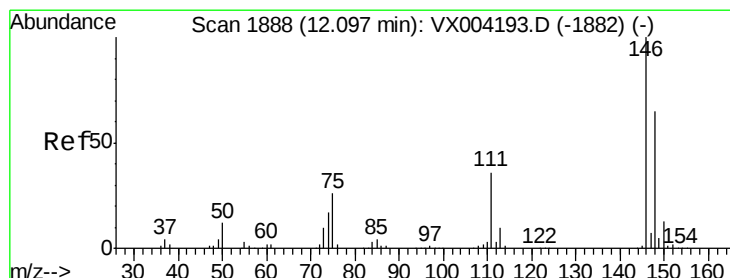
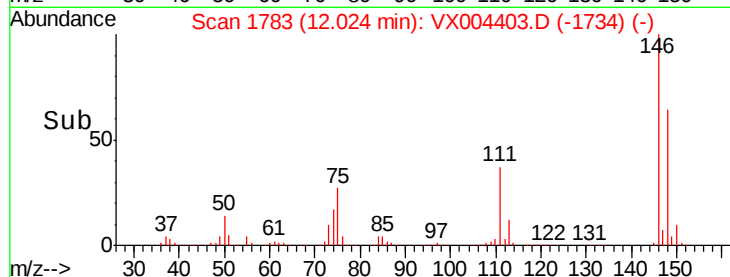
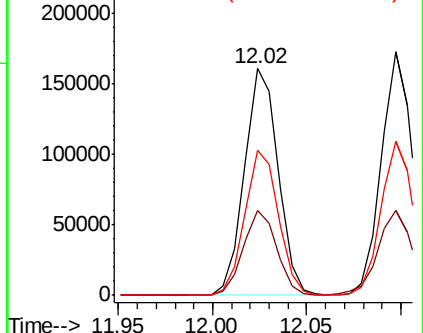
148 63.9 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 19.00 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

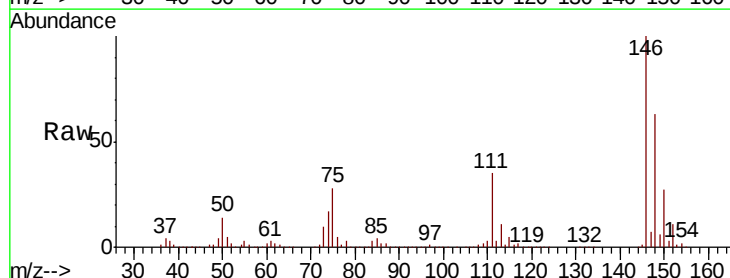
Tgt Ion:146 Resp: 204917

Ion Ratio Lower Upper

146 100

111 37.5 18.1 54.1

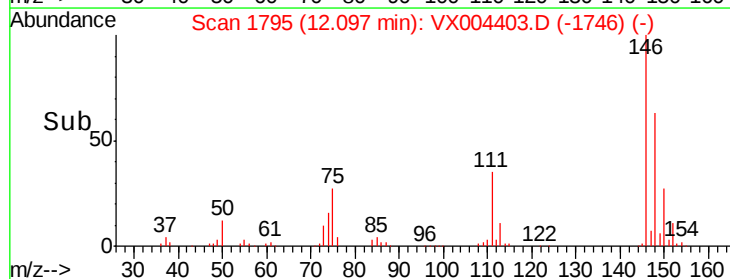
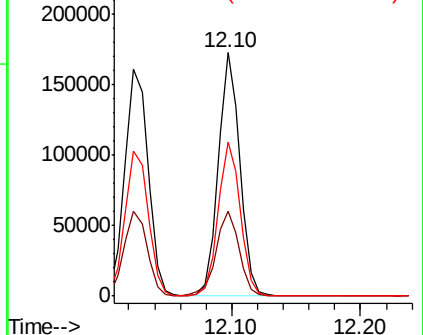
148 64.7 32.0 96.0



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

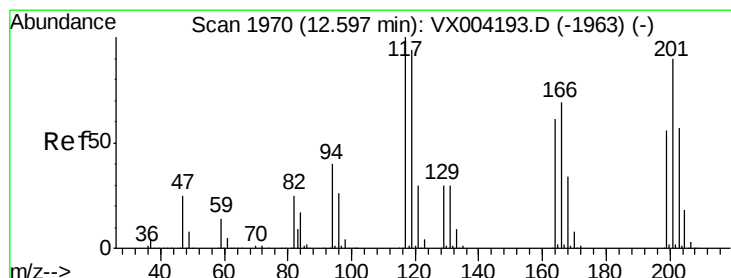
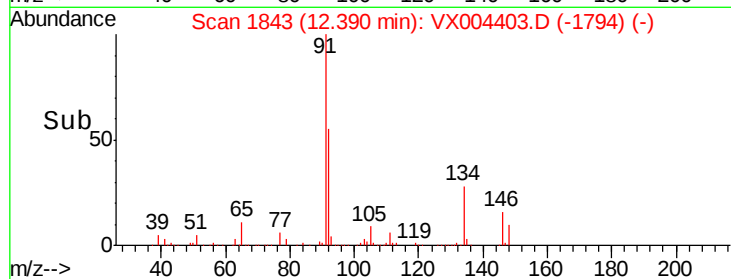
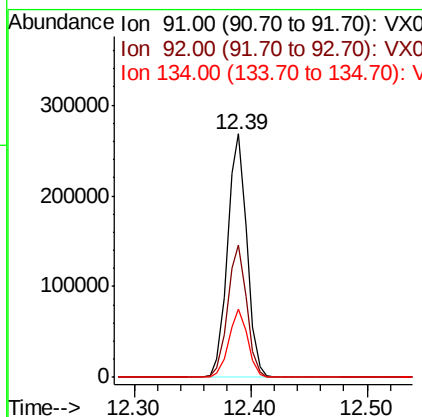
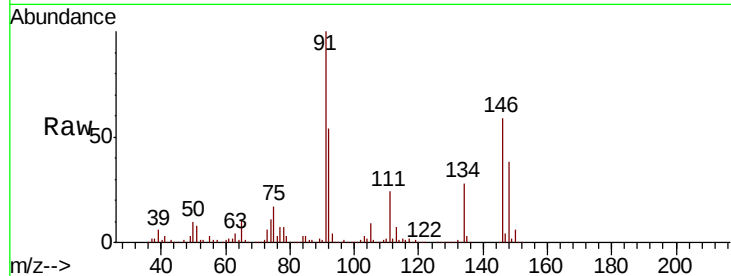




#89
n-Butylbenzene
Concen: 22.07 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

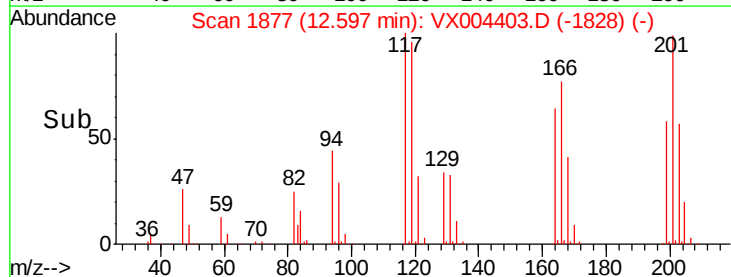
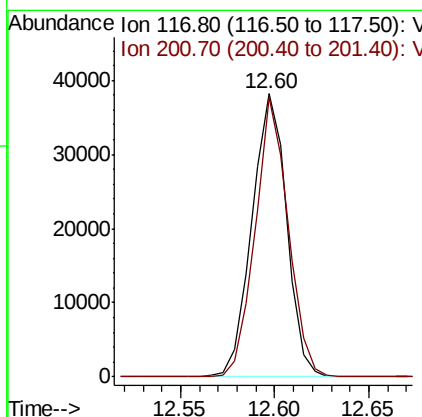
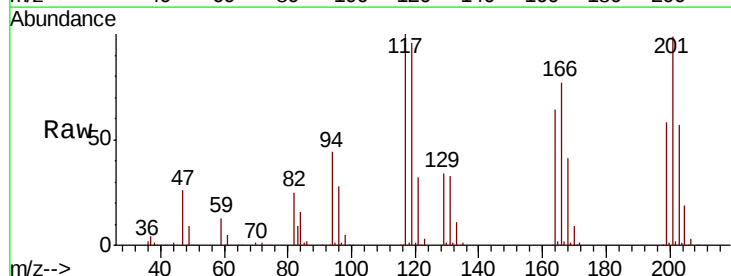
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBS01

Tot Ion: 91 Resp: 308187
Ion Ratio Lower Upper
91 100
92 53.5 27.3 81.9
134 27.3 13.6 40.7



#90
Hexachloroethane
Concen: 20.25 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004403.D
Acq: 07 Sep 2018 12:58

Tgt Ion: 117 Resp: 48595
Ion Ratio Lower Upper
117 100
201 93.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 21.48 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

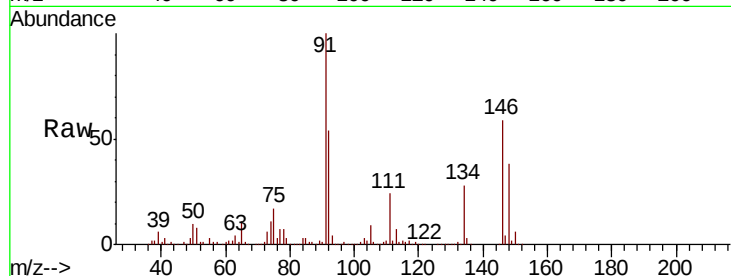
Tot Ion:146 Resp: 200853

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.1

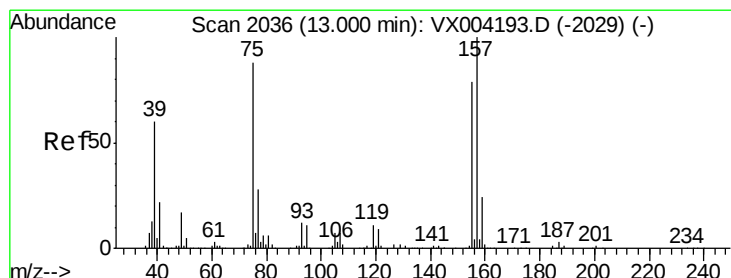
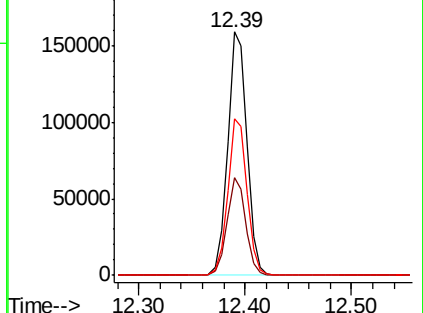
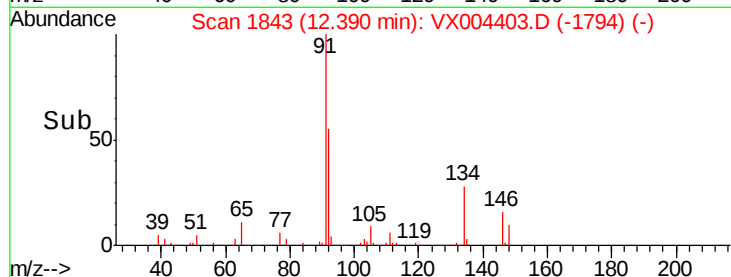
148 64.1 32.8 98.3



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: 19.70 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

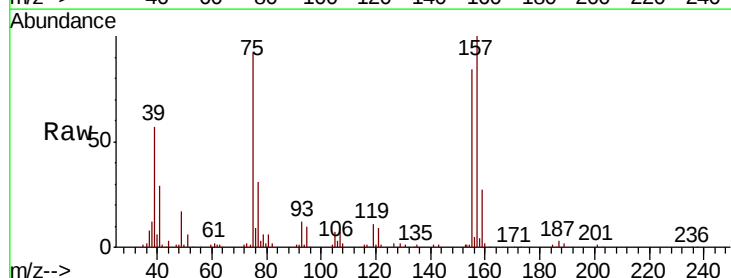
Tgt Ion: 75 Resp: 23521

Ion Ratio Lower Upper

75 100

155 95.9 48.0 144.2

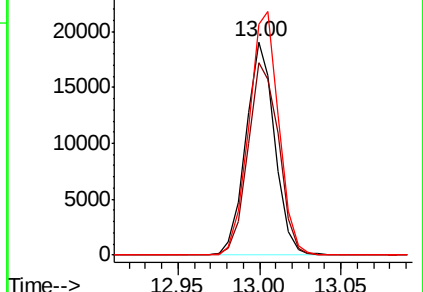
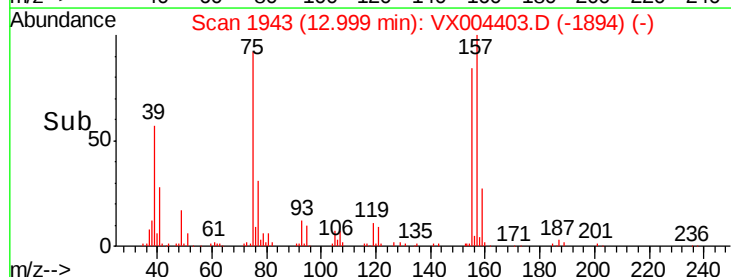
157 118.5 61.4 184.1

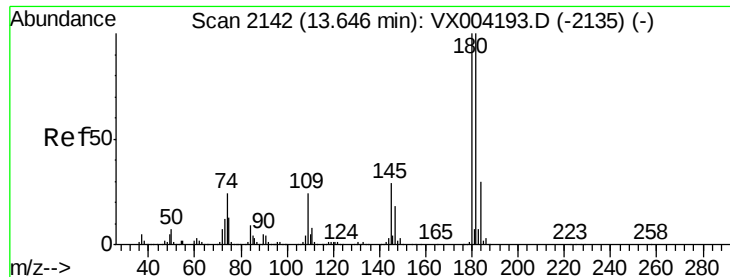


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

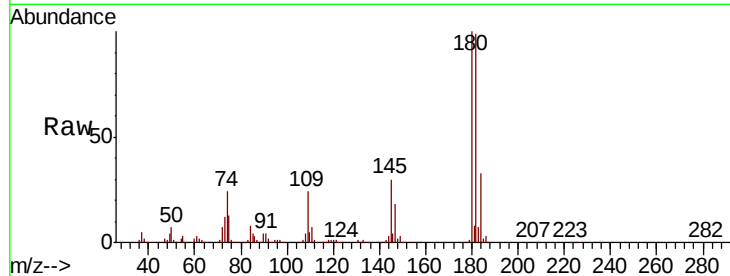




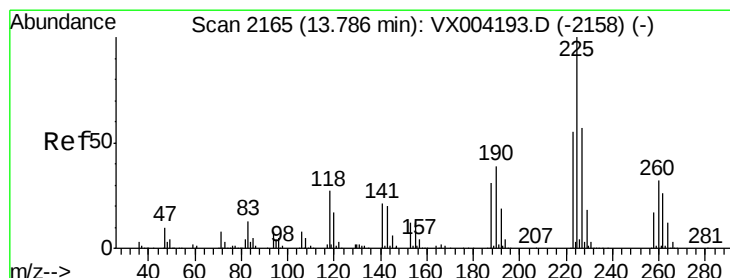
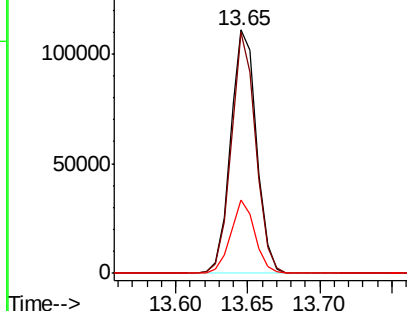
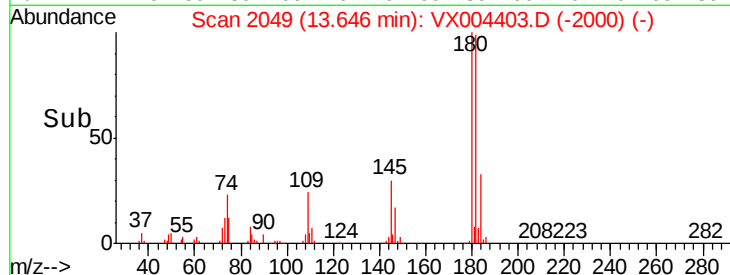
#93
 1,2,4-Trichlorobenzene
 Concen: 20.49 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.4	145.0
145	28.3	14.3	42.9

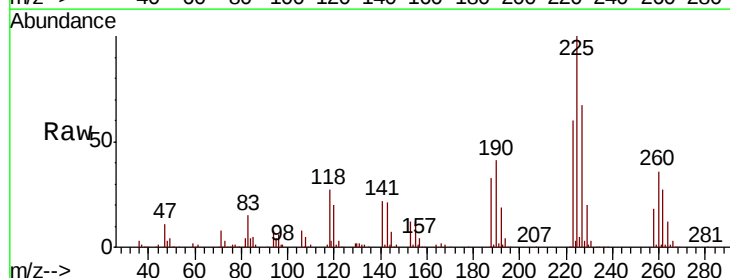


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

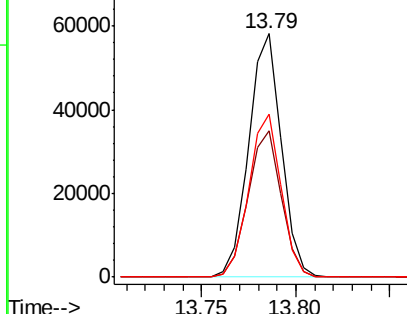
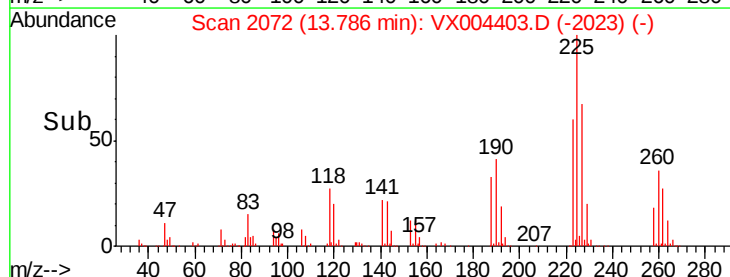


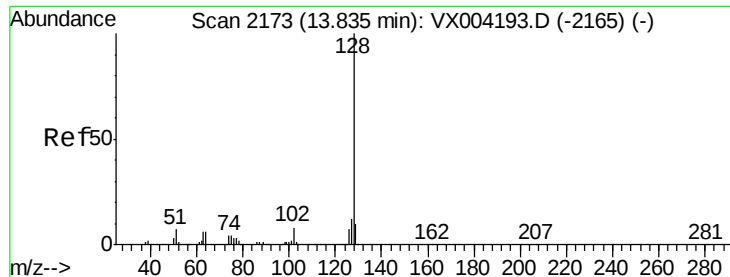
#94
 Hexachlorobutadiene
 Concen: 21.93 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004403.D
 Acq: 07 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.1	90.5
227	66.3	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: 21.41 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBS01

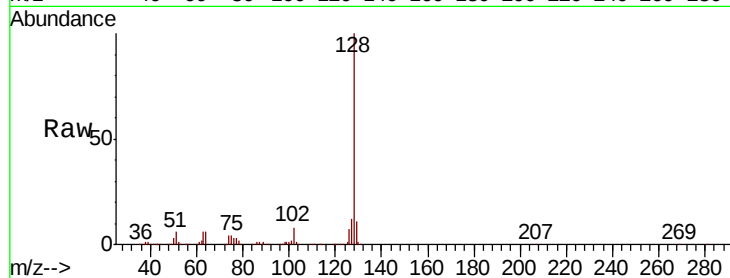
Tot Ion:128 Resp: 411924

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

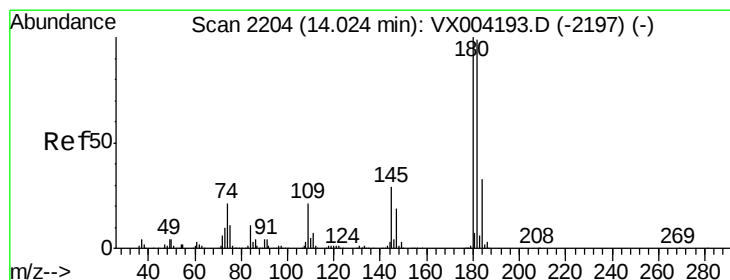
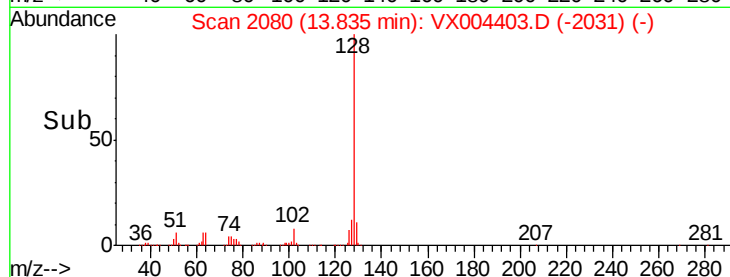
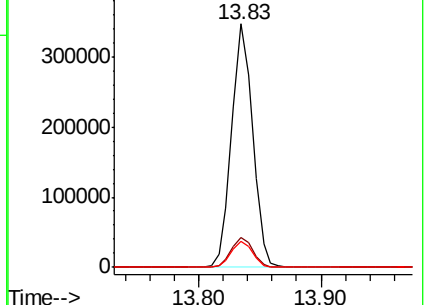
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.77 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004403.D

Acq: 07 Sep 2018 12:58

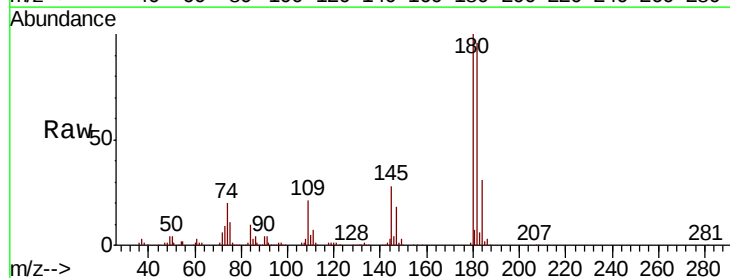
Tgt Ion:180 Resp: 149555

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.6

145 29.3 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

