

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004383.D
 Acq On : 06 Sep 2018 14:25
 Operator : JC/MD
 Sample : VX0906MBS01
 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Quant Time: Sep 07 04:44:11 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	359101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	520786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	490128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	224177	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.50	113	195343	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	719802	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.14	95	273422	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	62015	14.91	ug/l	98
3) Chloromethane	1.32	50	70466	15.53	ug/l	98
4) Vinyl Chloride	1.40	62	82916	17.62	ug/l	99
5) Bromomethane	1.63	94	42865	17.15	ug/l	100
6) Chloroethane	1.71	64	60193	17.35	ug/l	96
7) Trichlorofluoromethane	1.92	101	118262	18.34	ug/l	95
8) Diethyl Ether	2.18	74	54314	19.67	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75825	18.78	ug/l	99
10) Methyl Iodide	2.51	142	72339	18.78	ug/l	99
11) Tert butyl alcohol	3.07	59	109302	109.55	ug/l	100
12) 1,1-Dichloroethene	2.37	96	69855	18.36	ug/l	97
13) Acrolein	2.29	56	18132	75.38	ug/l	93
14) Allyl chloride	2.72	41	135041	19.32	ug/l	98
15) Acrylonitrile	3.15	53	251254	101.69	ug/l	100
16) Acetone	2.45	43	212963	106.84	ug/l	99
17) Carbon Disulfide	2.56	76	167153	16.37	ug/l	100
18) Methyl Acetate	2.78	43	179302	25.82	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	253443	20.22	ug/l	98
20) Methylene Chloride	2.85	84	84423	18.74	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	75661	17.97	ug/l	97
22) Diisopropyl ether	3.87	45	256648	19.67	ug/l	100
23) Vinyl Acetate	3.82	43	965529	91.29	ug/l	99
24) 1,1-Dichloroethane	3.69	63	148862	19.57	ug/l	100
25) 2-Butanone	4.71	43	330310	103.66	ug/l	100
26) 2,2-Dichloropropane	4.58	77	112852	18.92	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	89929	18.83	ug/l	100
28) Bromochloromethane	5.01	49	70287	20.87	ug/l	99
29) Tetrahydrofuran	5.16	42	205235	102.06	ug/l	100
30) Chloroform	5.21	83	146256	19.18	ug/l	99
31) Cyclohexane	5.57	56	119497	18.21	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	121900	19.17	ug/l	99
36) 1,1-Dichloropropene	5.80	75	105207	17.97	ug/l	98
37) Ethyl Acetate	4.86	43	112198	19.49	ug/l	99
38) Carbon Tetrachloride	5.78	117	103115	18.72	ug/l	97

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 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	121845	18.23	ug/l	98
40) Benzene	6.14	78	332685	19.02	ug/l	98
41) Methacrylonitrile	5.06	41	66928	20.05	ug/l	98
42) 1,2-Dichloroethane	6.20	62	114054	19.11	ug/l	99
43) Isopropyl Acetate	6.46	43	175215	19.80	ug/l	99
44) Trichloroethene	7.21	130	90732	18.74	ug/l	100
45) 1,2-Dichloropropane	7.52	63	84514	19.30	ug/l	98
46) Dibromomethane	7.66	93	54563	18.72	ug/l	97
47) Bromodichloromethane	7.90	83	105182	19.39	ug/l	98
48) Methyl methacrylate	7.78	41	93526	19.75	ug/l	98
49) 1,4-Dioxane	7.76	88	45869	426.73	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	622404	96.82	ug/l	100
52) Toluene	8.79	92	211328	19.30	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	115648	19.30	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	128189	19.64	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	88720	20.07	ug/l	98
56) Ethyl methacrylate	9.18	69	120259	19.98	ug/l	98
57) 1,3-Dichloropropane	9.37	76	147157	19.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	314541	102.01	ug/l	100
59) 2-Hexanone	9.50	43	474149	96.68	ug/l	100
60) Dibromochloromethane	9.59	129	83468	19.38	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88522	19.35	ug/l	100
64) Tetrachloroethene	9.34	164	95894	19.81	ug/l	98
65) Chlorobenzene	10.14	112	233988	19.02	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	80506	18.98	ug/l	100
67) Ethyl Benzene	10.26	91	378142	18.93	ug/l	98
68) m/p-Xylenes	10.36	106	303978	38.91	ug/l	99
69) o-Xylene	10.70	106	144692	19.58	ug/l	99
70) Styrene	10.71	104	240307	20.09	ug/l	99
71) Bromoform	10.86	173	64427	18.84	ug/l	99
73) Isopropylbenzene	11.02	105	399032	21.02	ug/l	99
74) N-amyl acetate	10.90	43	146148	19.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	132647	19.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	151258	25.73	ug/l	87
77) Bromobenzene	11.26	156	108513	20.37	ug/l	100
78) n-propylbenzene	11.36	91	456008	20.88	ug/l	100
79) 2-Chlorotoluene	11.42	91	271876	20.23	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	324772	20.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	35364	19.51	ug/l	97
82) 4-Chlorotoluene	11.51	91	316633	20.02	ug/l	98
83) tert-Butylbenzene	11.77	119	330096	20.87	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	343859	21.30	ug/l	100
85) sec-Butylbenzene	11.94	105	407579	21.70	ug/l	100
86) p-Isopropyltoluene	12.07	119	354214	21.04	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200091	19.95	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	198375	18.76	ug/l	99
89) n-Butylbenzene	12.39	91	272719	19.92	ug/l	98
90) Hexachloroethane	12.60	117	46178	19.63	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	182415	19.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23815	20.35	ug/l	97

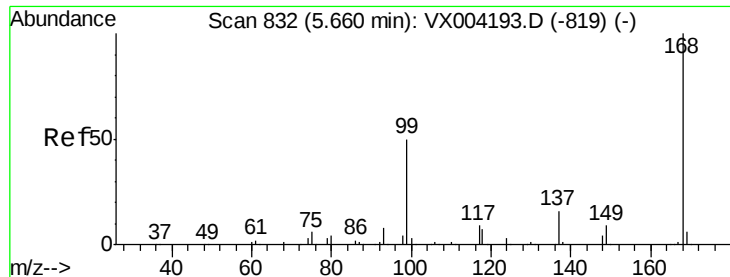
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138655	20.79	ug/l	99
94) Hexachlorobutadiene	13.79	225	72665	23.35	ug/l	97
95) Naphthalene	13.83	128	421132	22.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149809	21.22	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: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

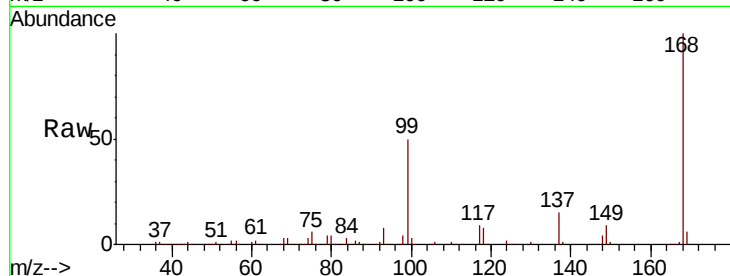
VX0906MBS01

Tot Ion:168 Resp: 359101

Ion Ratio Lower Upper

168 100

99 49.5 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

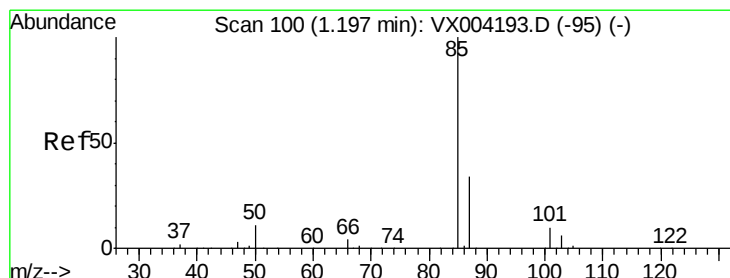
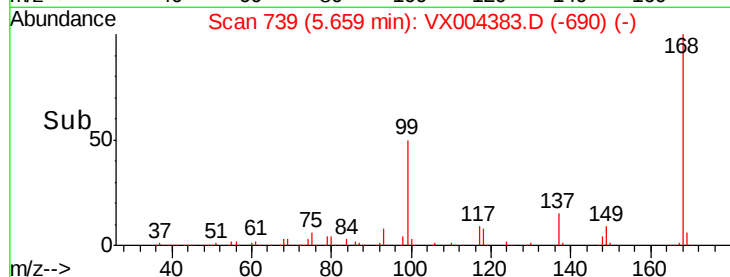
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 14.91 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004383.D

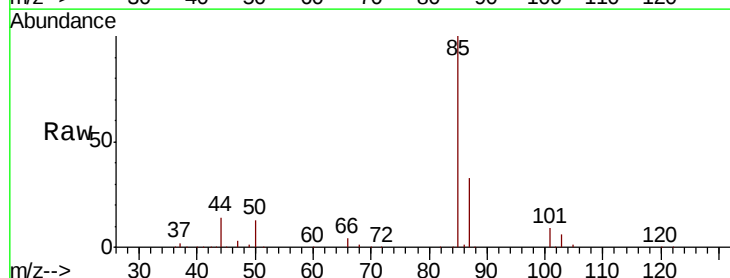
Acq: 06 Sep 2018 14:25

Tgt Ion: 85 Resp: 62015

Ion Ratio Lower Upper

85 100

87 33.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

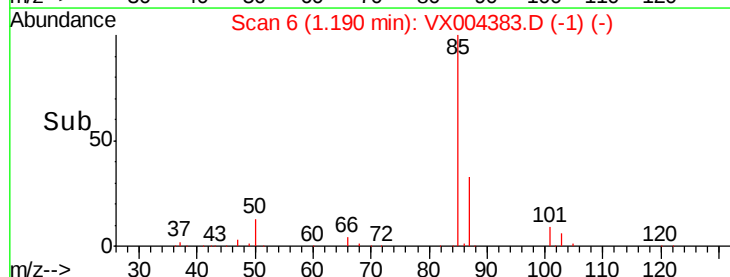
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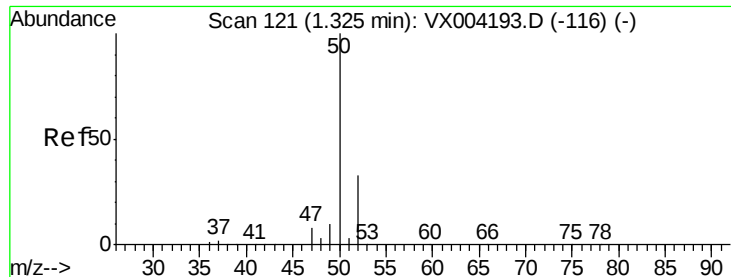
40000

20000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 15.53 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

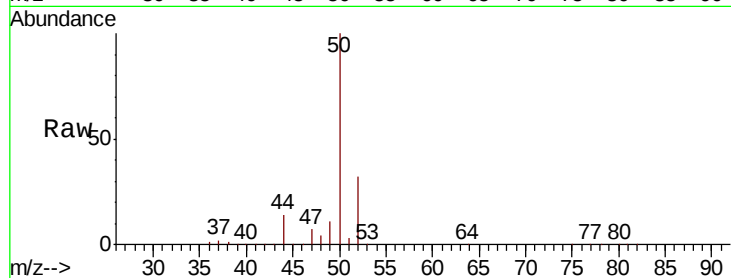
VX0906MBS01

Tot Ion: 50 Resp: 70466

Ion Ratio Lower Upper

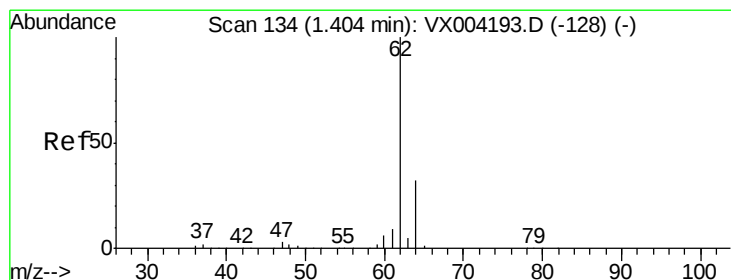
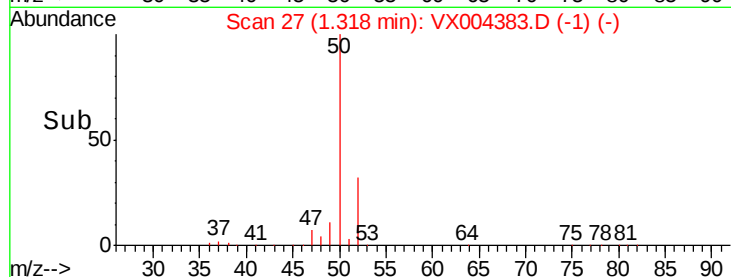
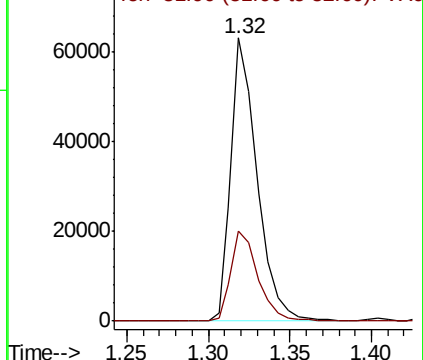
50 100

52 31.8 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: 17.62 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004383.D

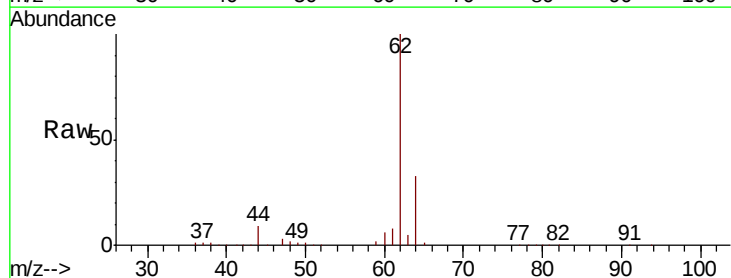
Acq: 06 Sep 2018 14:25

Tgt Ion: 62 Resp: 82916

Ion Ratio Lower Upper

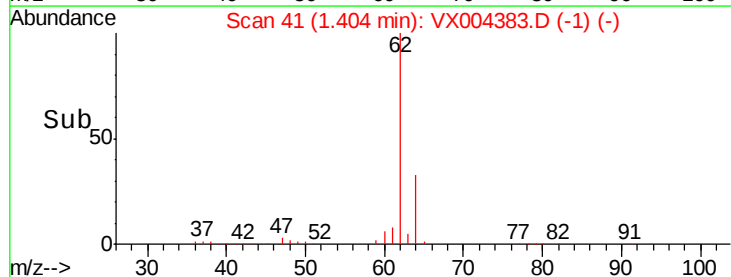
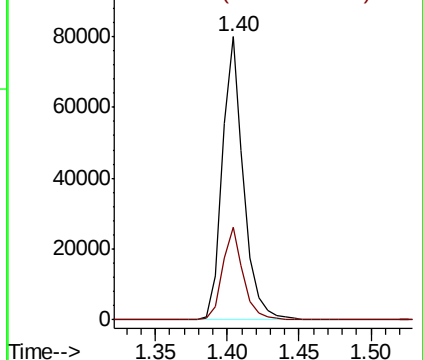
62 100

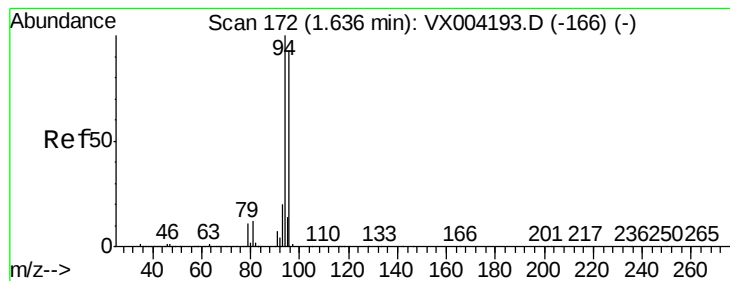
64 32.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.15 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

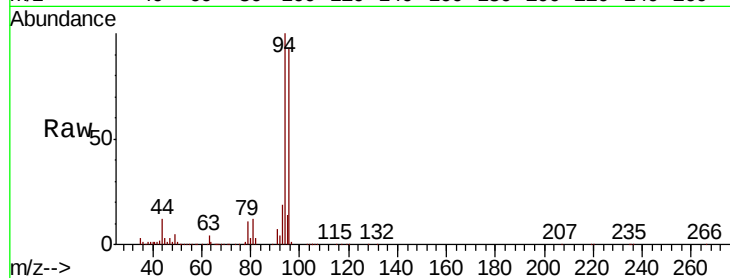
VX0906MBS01

Tot Ion: 94 Resp: 42865

Ion Ratio Lower Upper

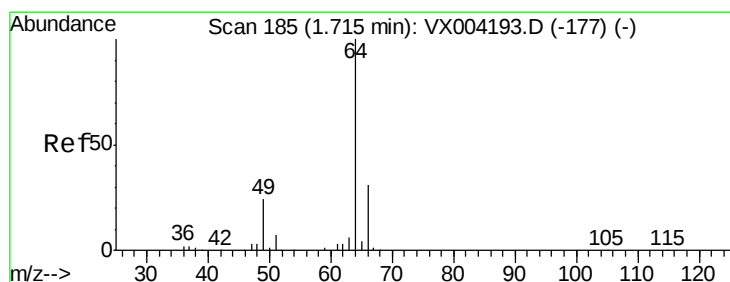
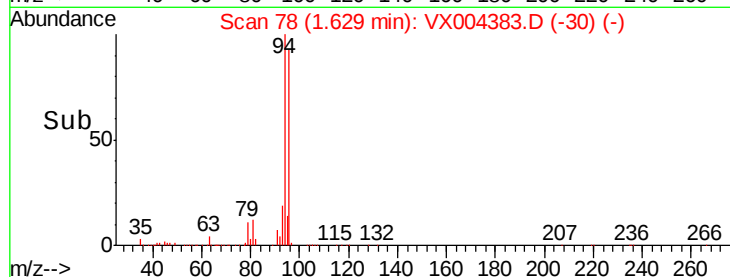
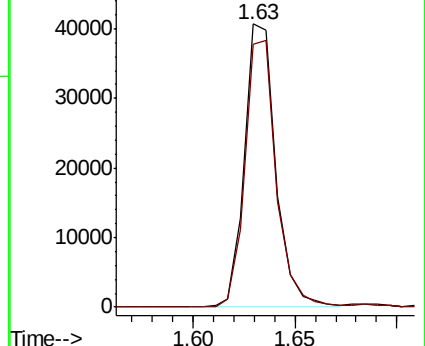
94 100

96 93.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.35 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004383.D

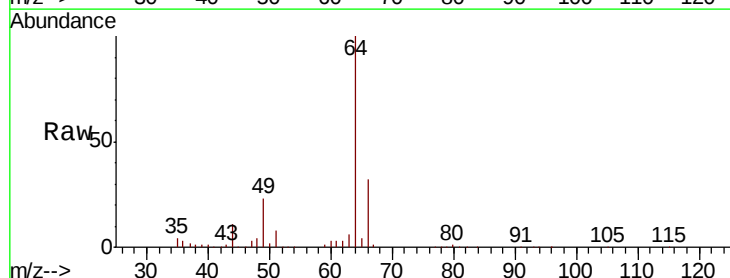
Acq: 06 Sep 2018 14:25

Tgt Ion: 64 Resp: 60193

Ion Ratio Lower Upper

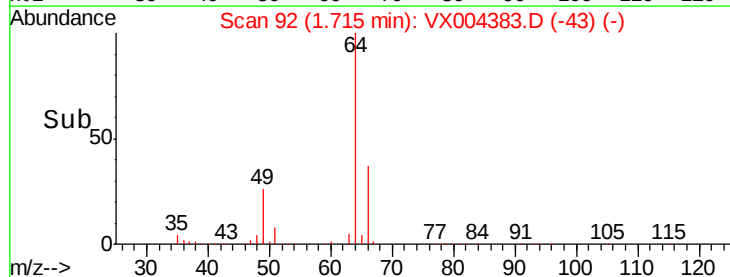
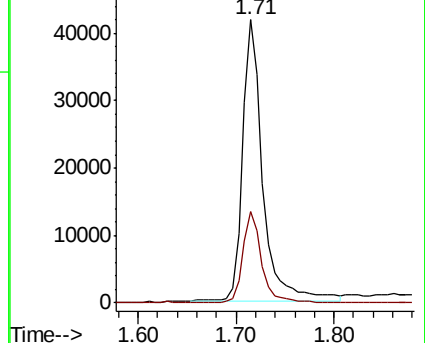
64 100

66 32.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



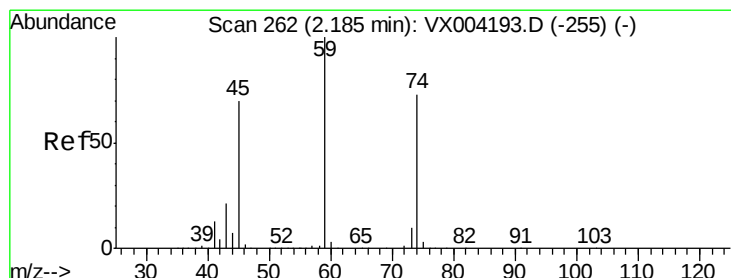
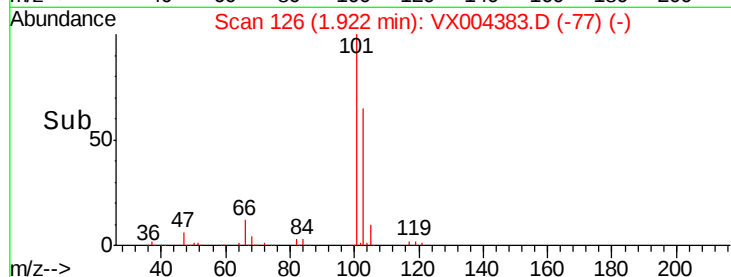
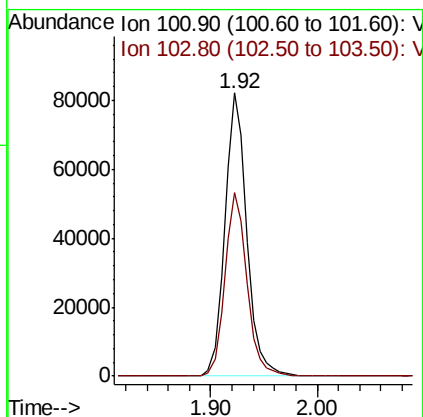
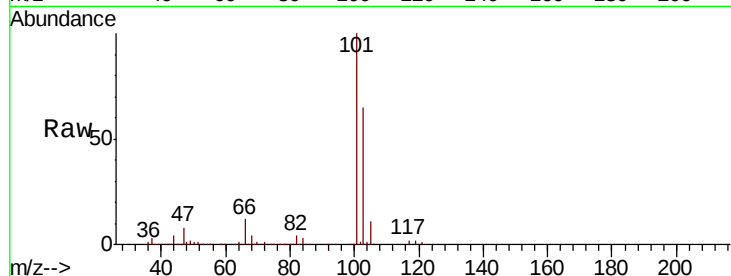


#7

Trichlorofluoromethane
 Concen: 18.34 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

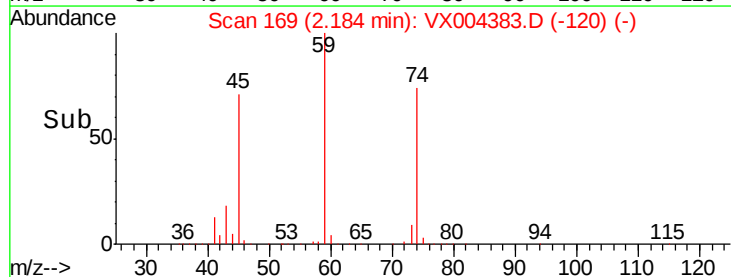
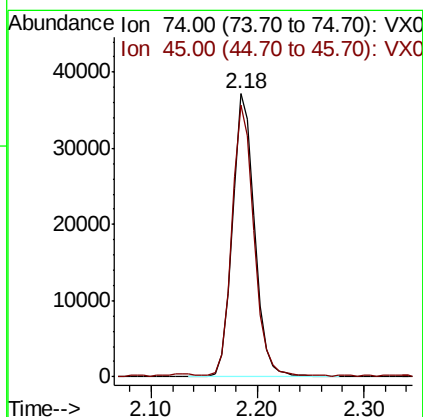
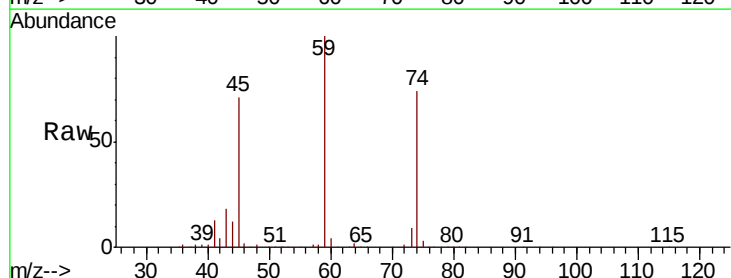
Tot Ion:101 Resp: 118262
 Ion Ratio Lower Upper
 101 100
 103 64.7 48.9 73.3

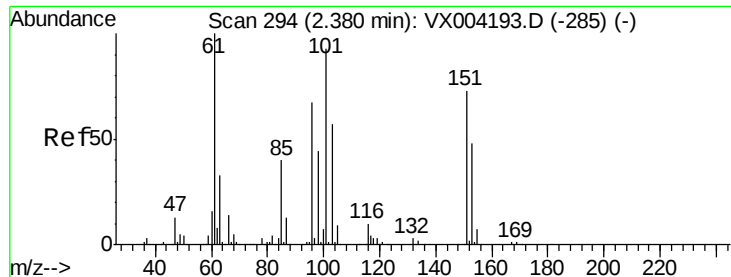


#8

Diethyl Ether
 Concen: 19.67 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion: 74 Resp: 54314
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.78 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

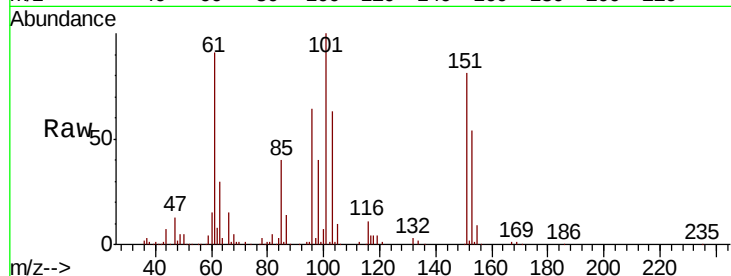
Tot Ion:101 Resp: 75825

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.4

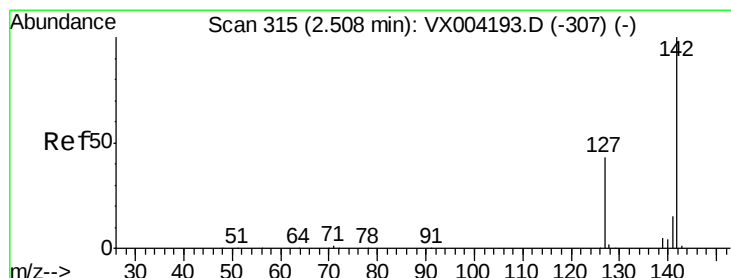
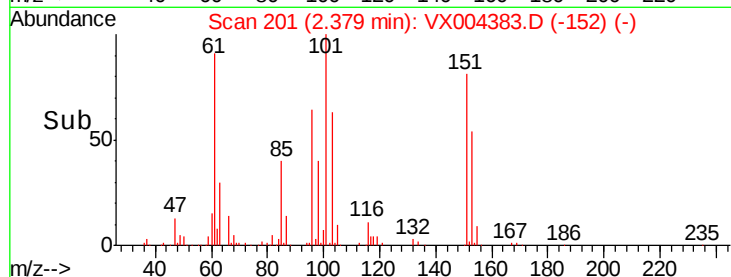
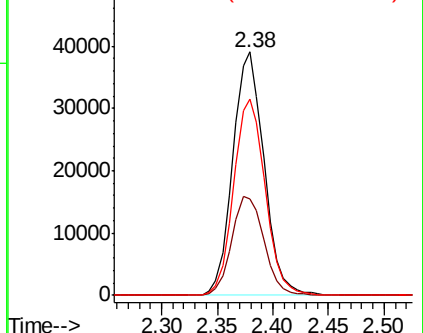
151 81.7 65.0 97.6



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: 18.78 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

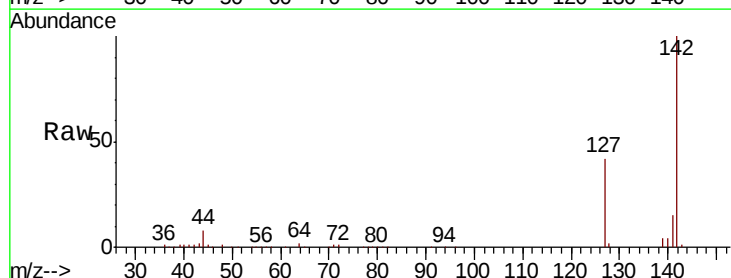
Tgt Ion:142 Resp: 72339

Ion Ratio Lower Upper

142 100

127 41.7 33.8 50.6

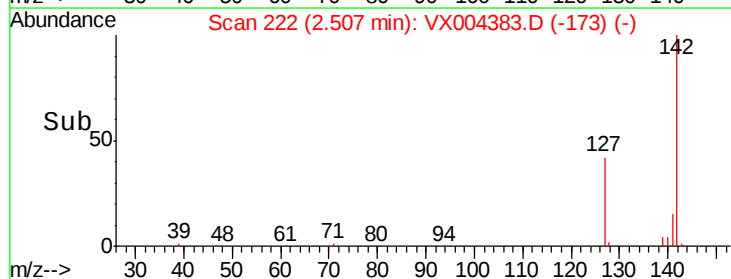
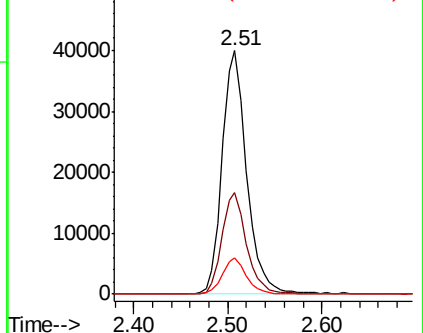
141 14.5 11.4 17.0

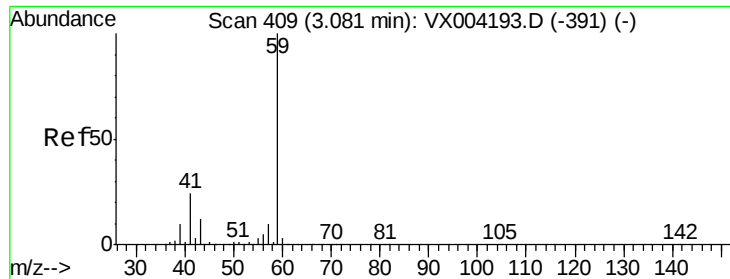


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

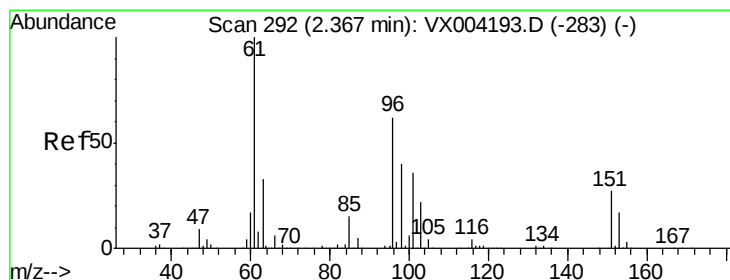
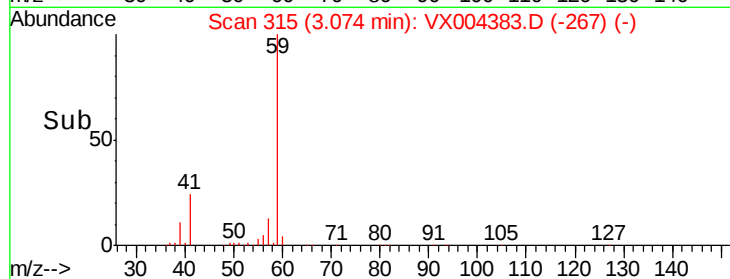
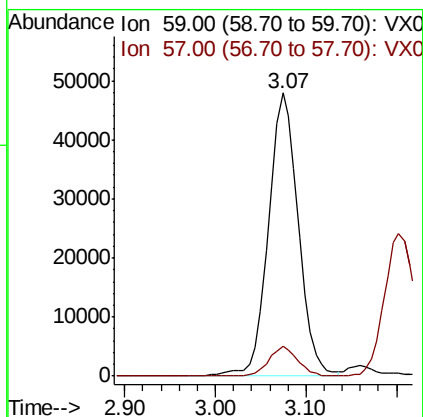
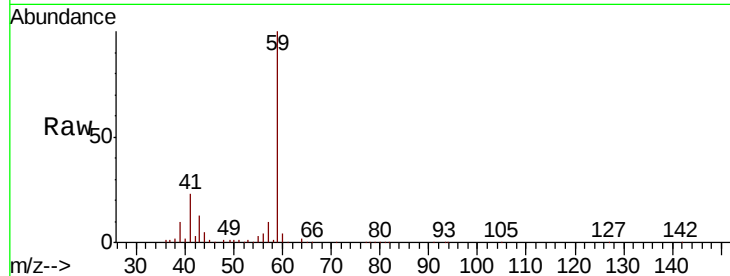




#11
Tert butyl alcohol
Concen: 109.55 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

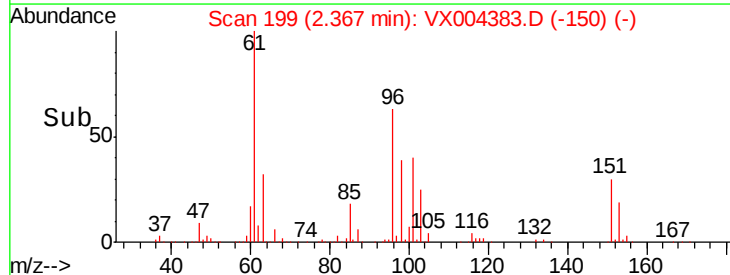
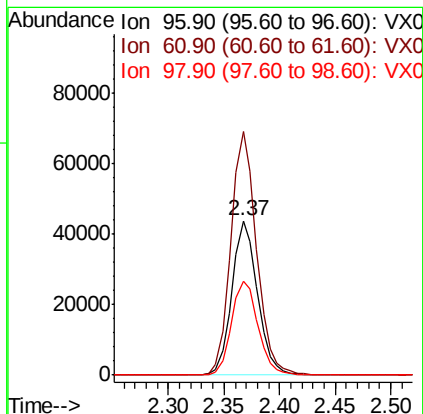
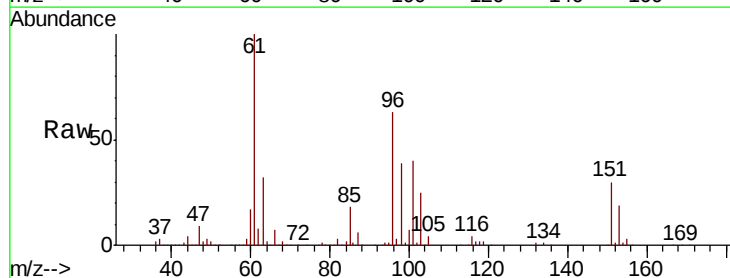
Instrument :
MSVOA_X
ClientSampled :
VX0906MBS01

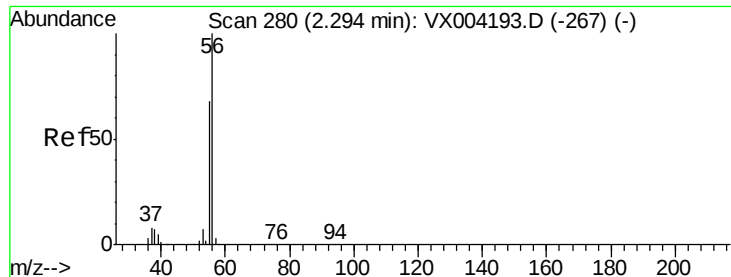
Tot Ion: 59 Resp: 109302
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.36 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 96 Resp: 69855
Ion Ratio Lower Upper
96 100
61 158.1 128.8 193.2
98 61.1 52.2 78.2





#13

Acrolein

Concen: 75.38 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

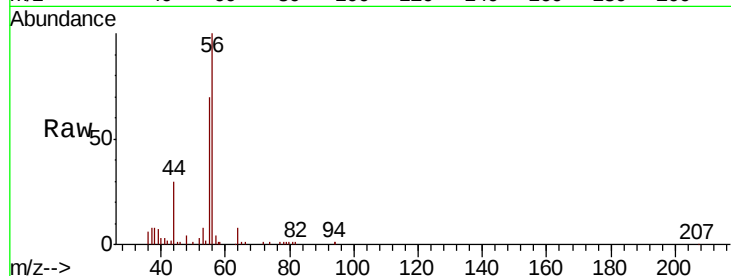
VX0906MBS01

Tot Ion: 56 Resp: 18132

Ion Ratio Lower Upper

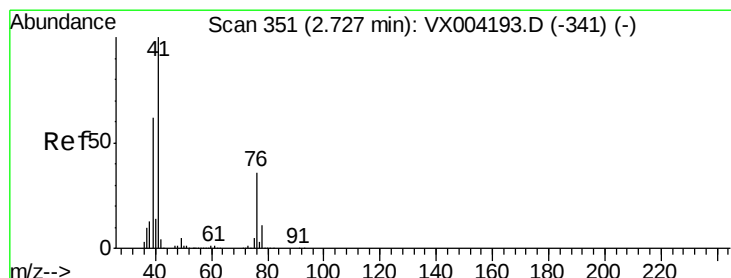
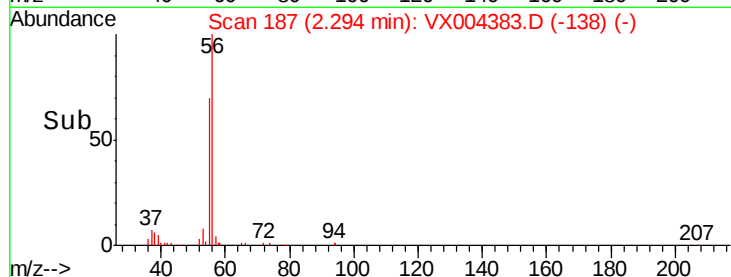
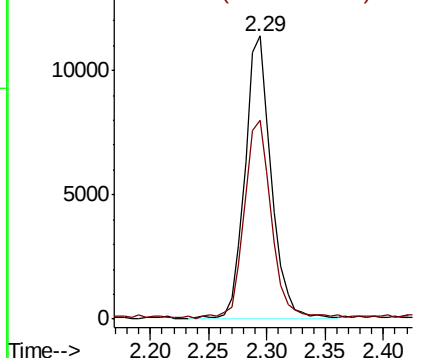
56 100

55 73.9 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: 19.32 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

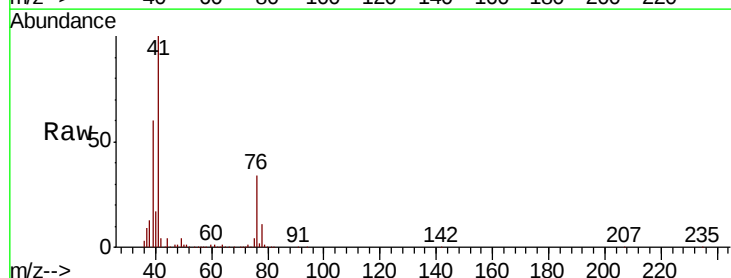
Tgt Ion: 41 Resp: 135041

Ion Ratio Lower Upper

41 100

39 58.7 48.9 73.3

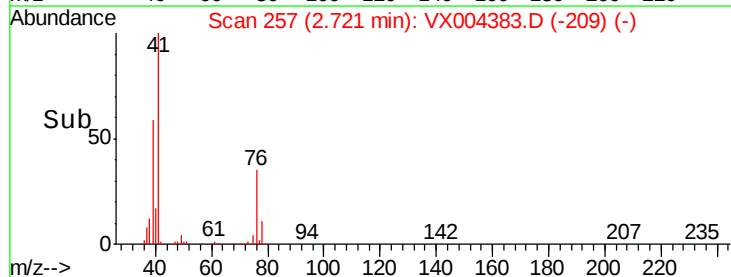
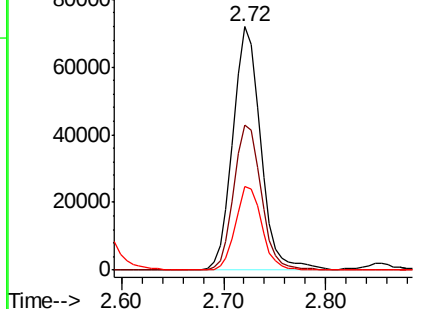
76 32.7 26.7 40.1



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: 101.69 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

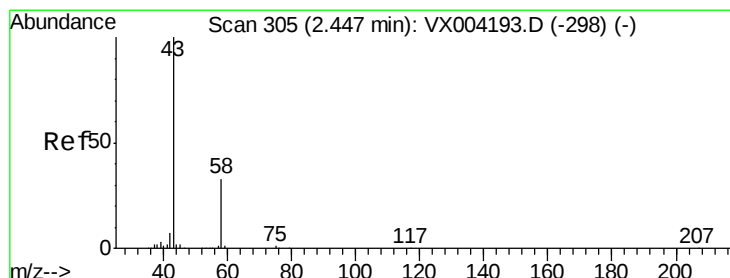
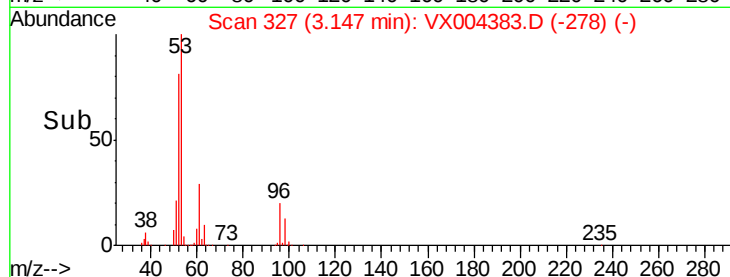
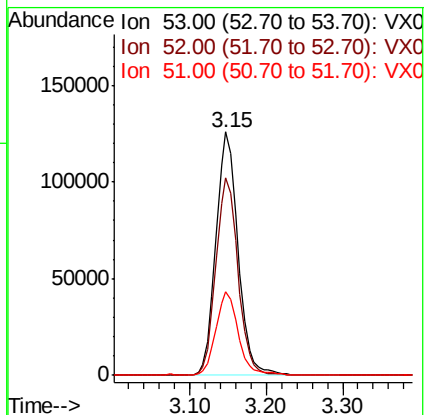
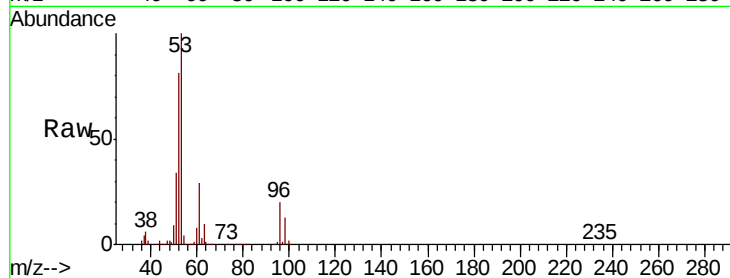
Tot Ion: 53 Resp: 251254

Ion Ratio Lower Upper

53 100

52 81.4 65.2 97.8

51 34.9 28.2 42.2



#16

Acetone

Concen: 106.84 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004383.D

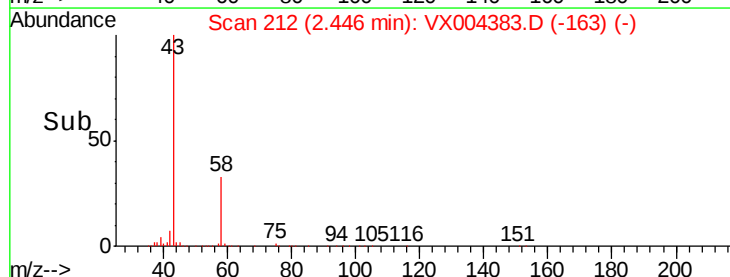
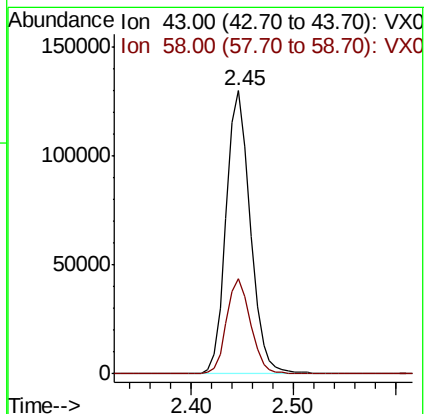
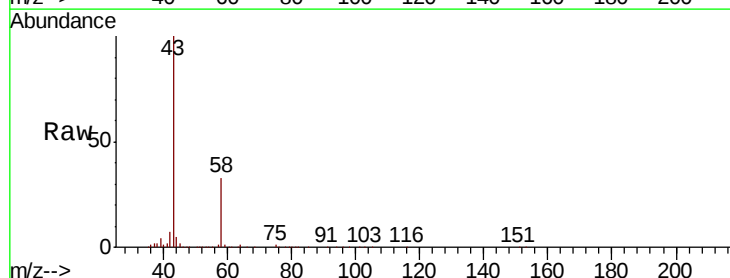
Acq: 06 Sep 2018 14:25

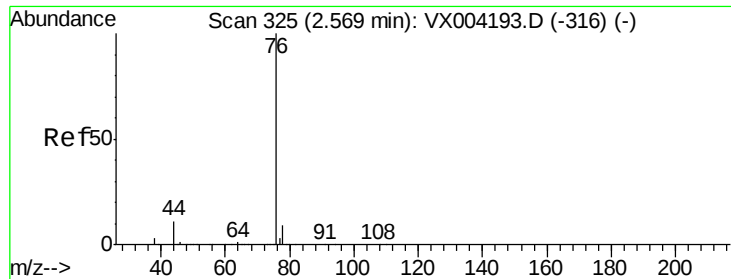
Tgt Ion: 43 Resp: 212963

Ion Ratio Lower Upper

43 100

58 33.4 26.2 39.4

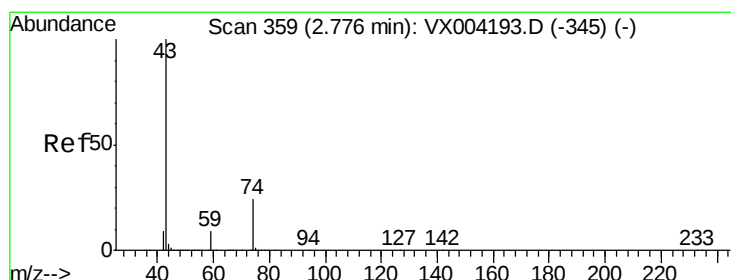
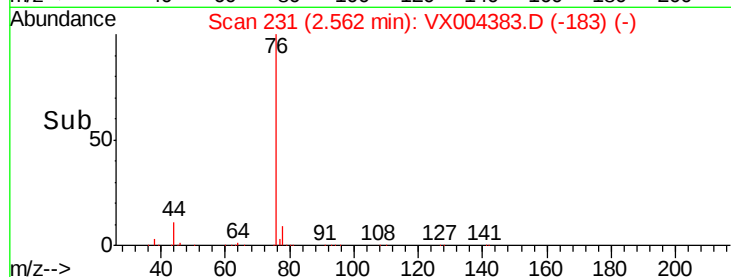
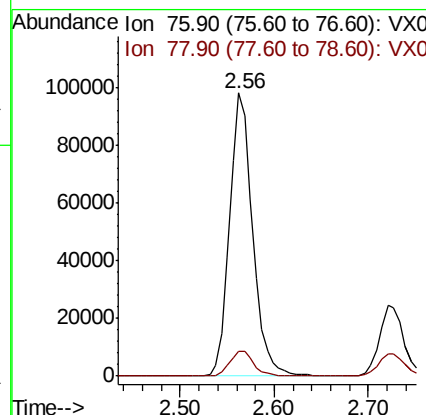
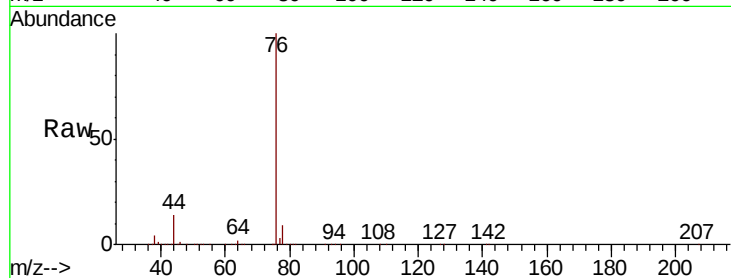




#17
Carbon Disulfide
Concen: 16.37 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

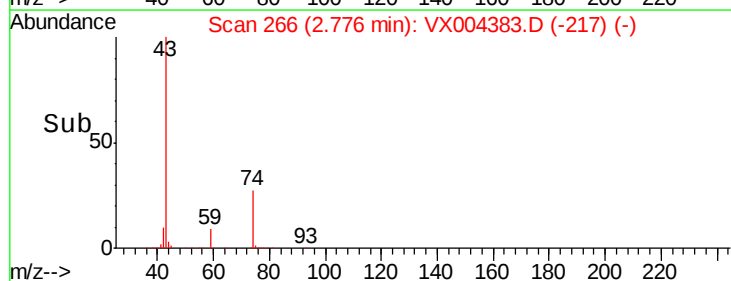
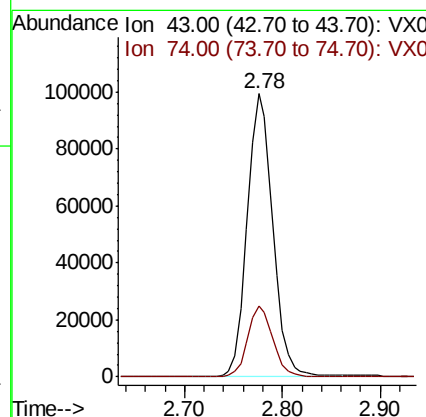
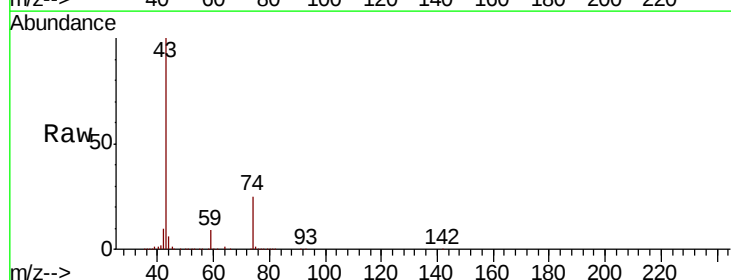
Instrument :
MSVOA_X
ClientSampled :
VX0906MBS01

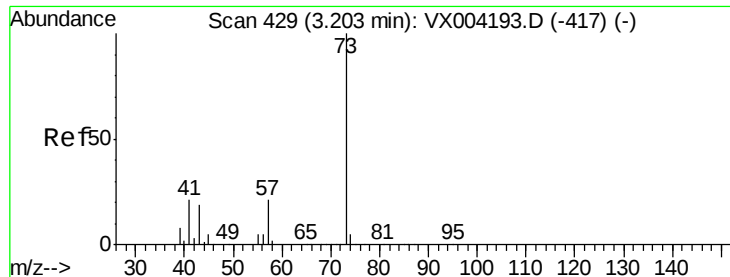
Tot Ion: 76 Resp: 167153
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 25.82 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 43 Resp: 179302
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2

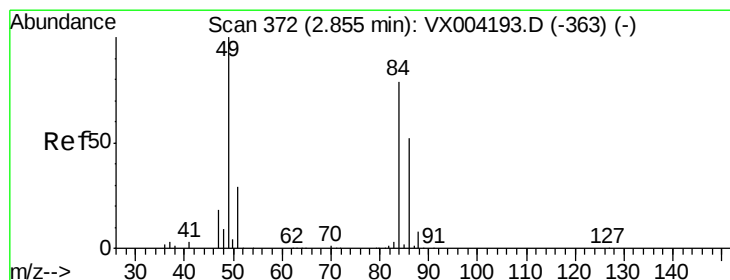
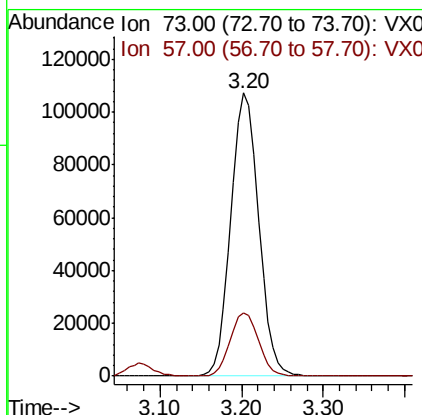
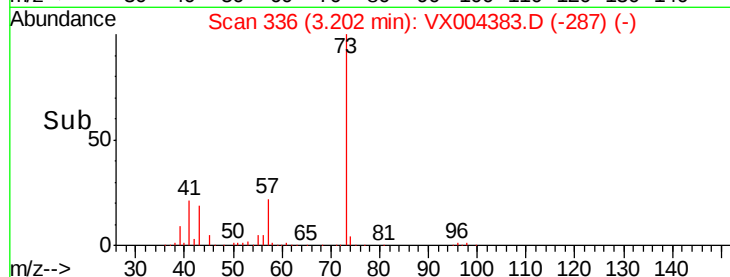
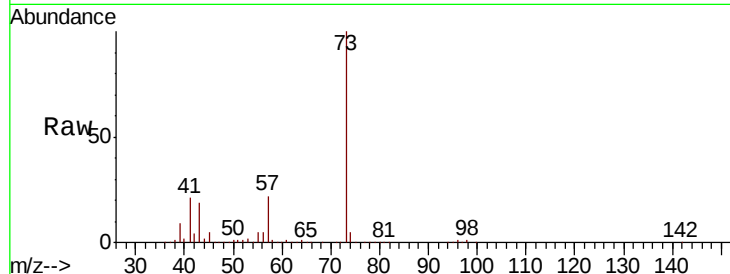




#19
Methyl tert-butyl Ether
Concen: 20.22 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

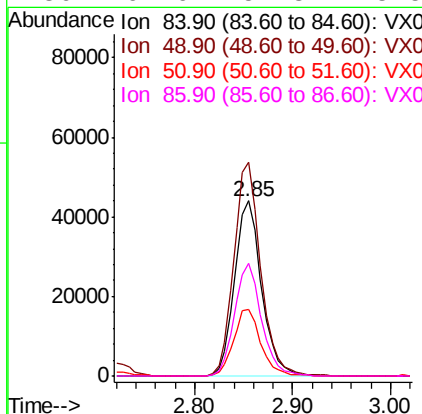
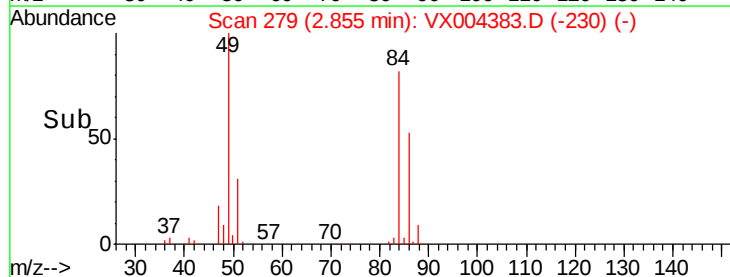
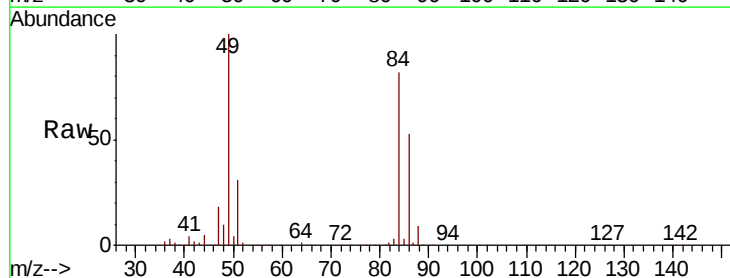
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

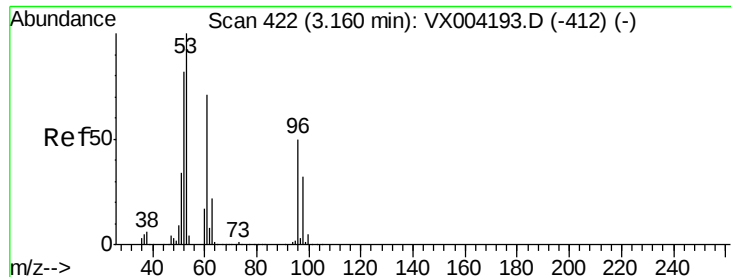
Tot Ion: 73 Resp: 253443
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 18.74 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 84 Resp: 84423
Ion Ratio Lower Upper
84 100
49 122.2 101.2 151.8
51 38.2 29.5 44.3
86 64.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 17.97 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

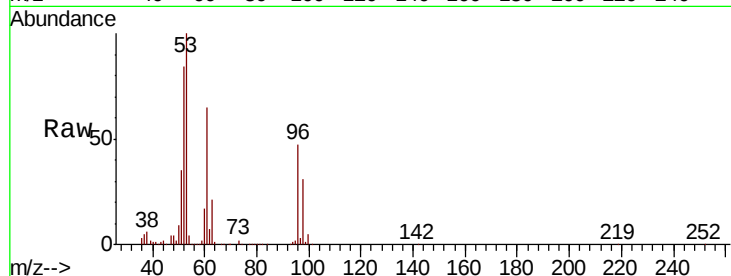
Tot Ion: 96 Resp: 75661

Ion Ratio Lower Upper

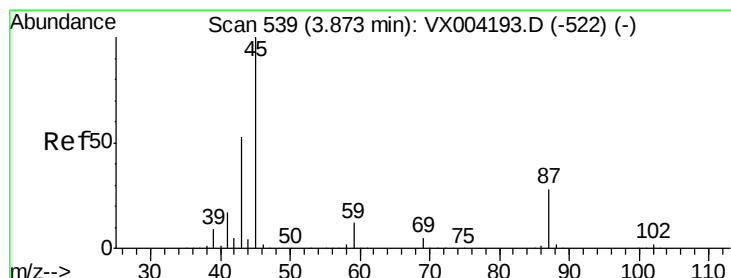
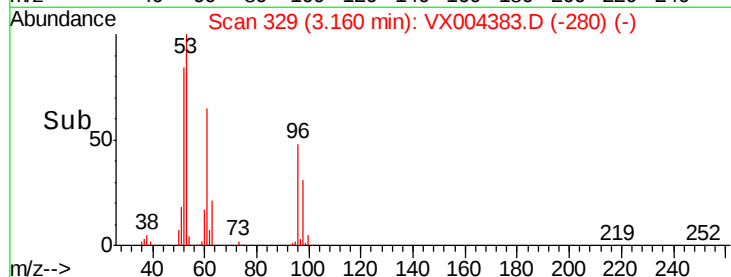
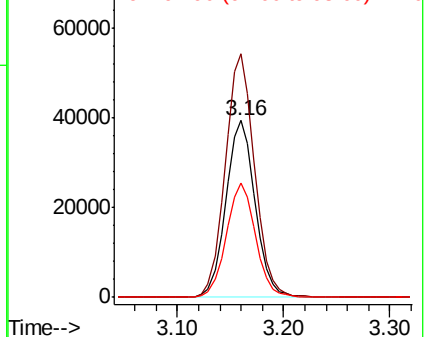
96 100

61 137.7 113.8 170.6

98 64.7 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: 19.67 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Tgt Ion: 45 Resp: 256648

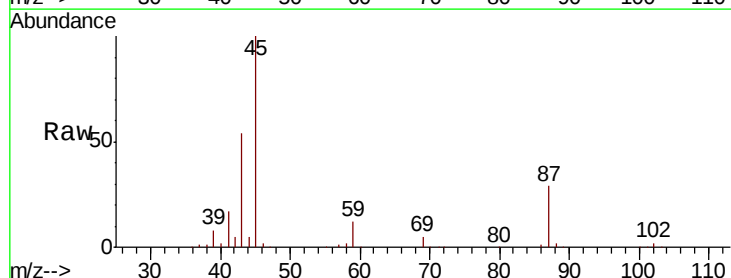
Ion Ratio Lower Upper

45 100

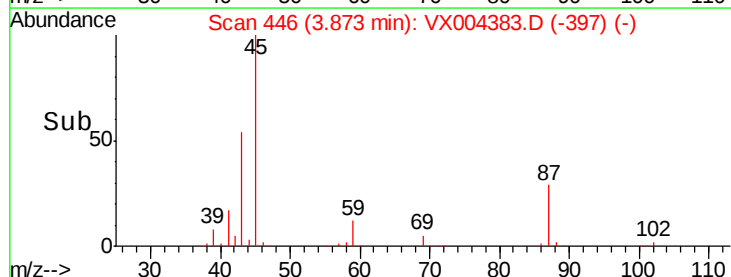
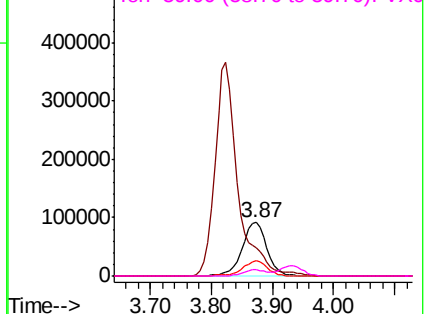
43 53.5 42.8 64.2

87 28.6 22.6 34.0

59 12.2 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: 91.29 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

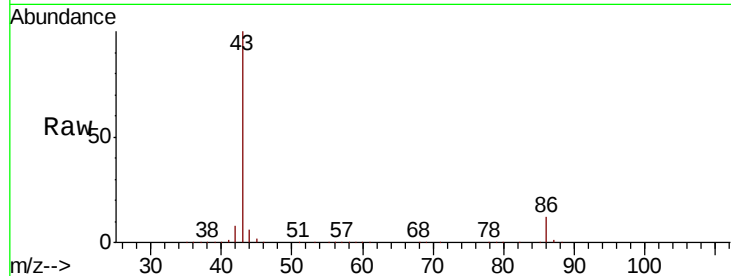
VX0906MBS01

Tot Ion: 43 Resp: 965529

Ion Ratio Lower Upper

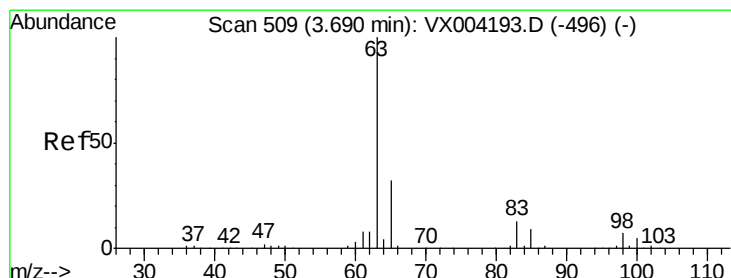
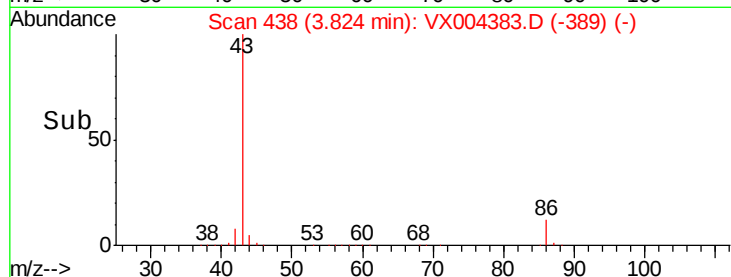
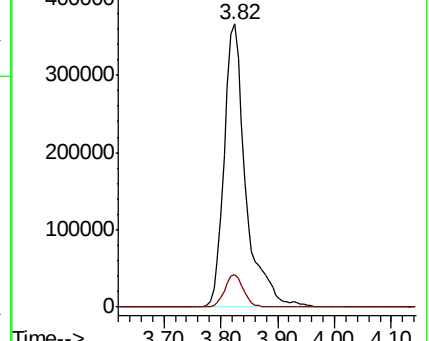
43 100

86 11.7 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: 19.57 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

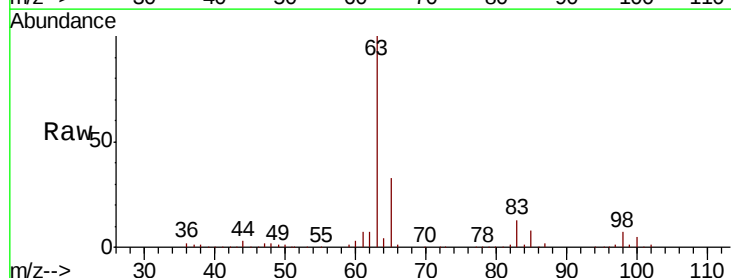
Tgt Ion: 63 Resp: 148862

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

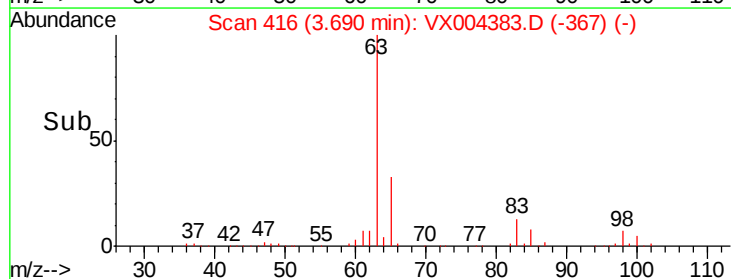
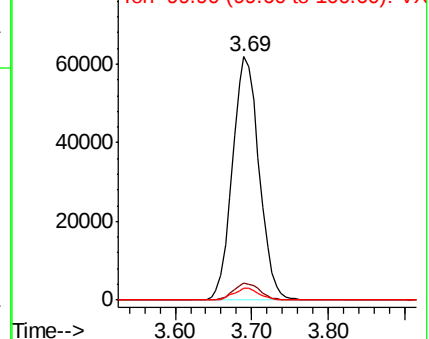
100 4.9 2.4 7.1

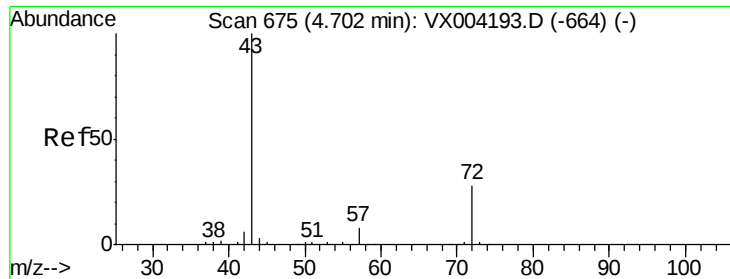


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.66 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

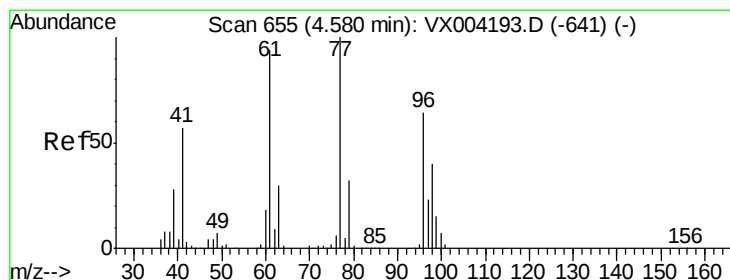
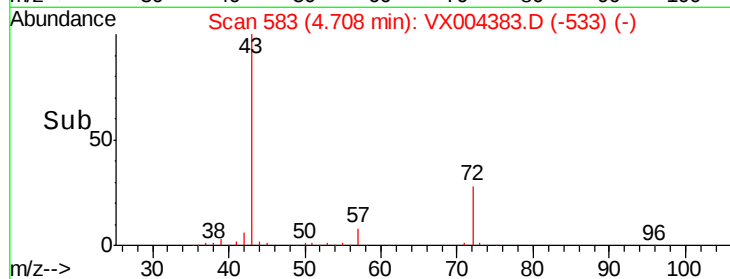
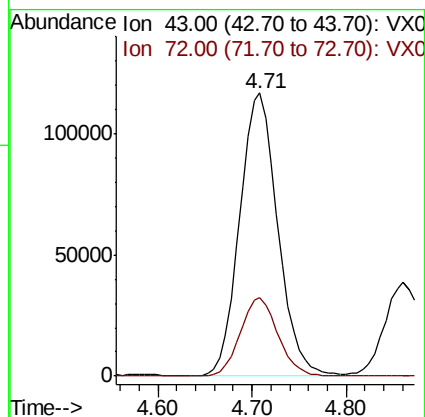
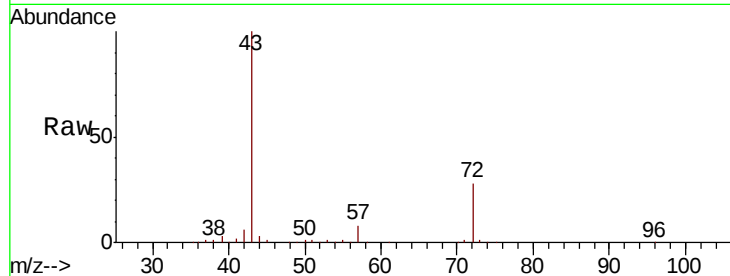
VX0906MBS01

Tot Ion: 43 Resp: 330310

Ion Ratio Lower Upper

43 100

72 27.6 22.0 33.0



#26

2,2-Dichloropropane

Concen: 18.92 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004383.D

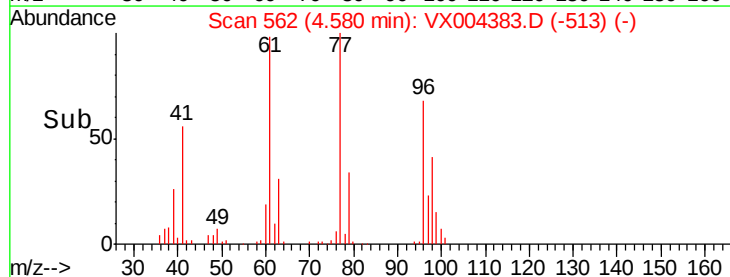
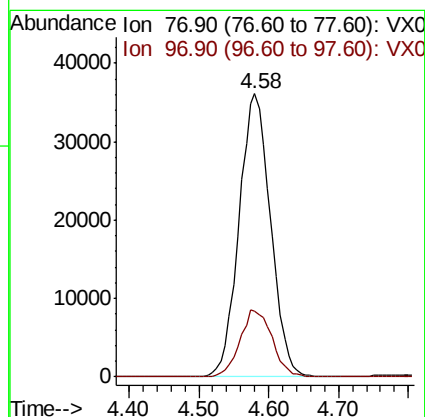
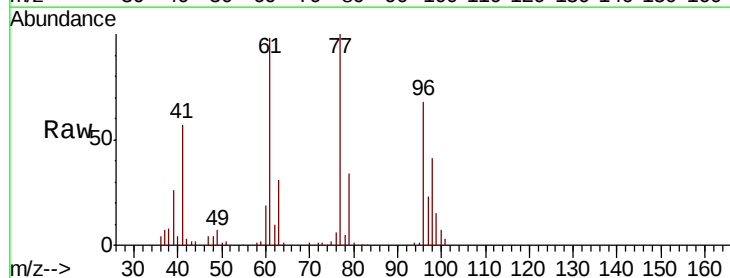
Acq: 06 Sep 2018 14:25

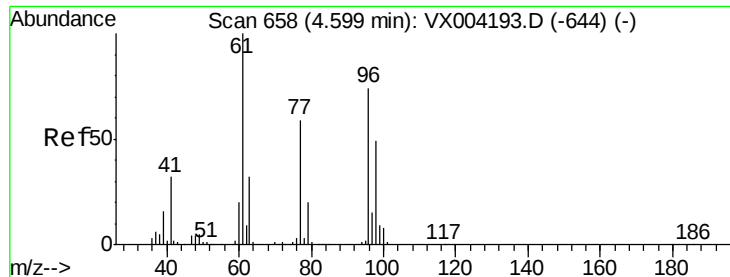
Tgt Ion: 77 Resp: 112852

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0



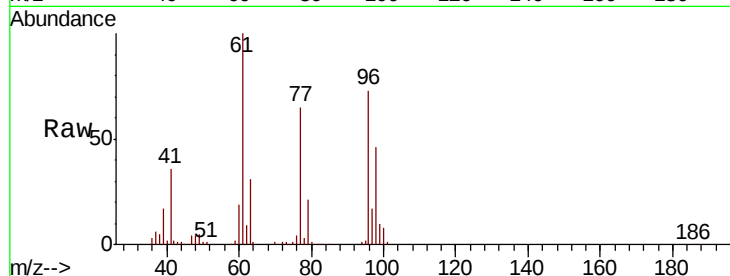


#27

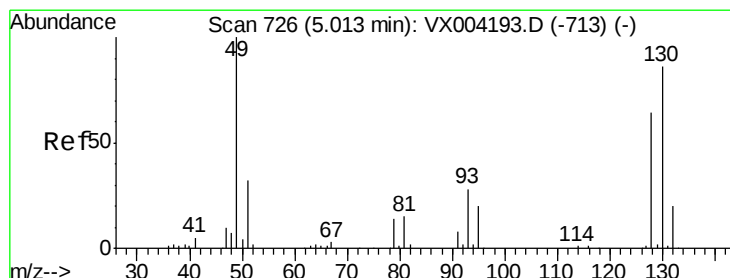
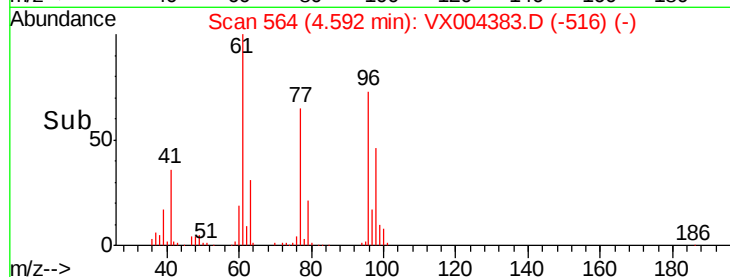
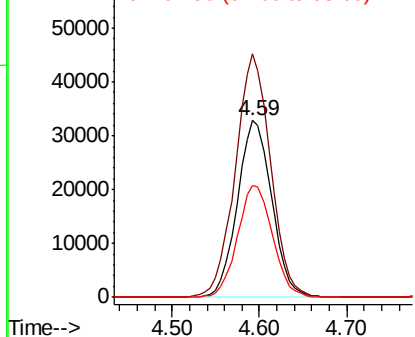
cis-1,2-Dichloroethene
Concen: 18.83 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion: 96 Resp: 89929
Ion Ratio Lower Upper
96 100
61 141.0 0.0 282.6
98 64.4 0.0 130.2



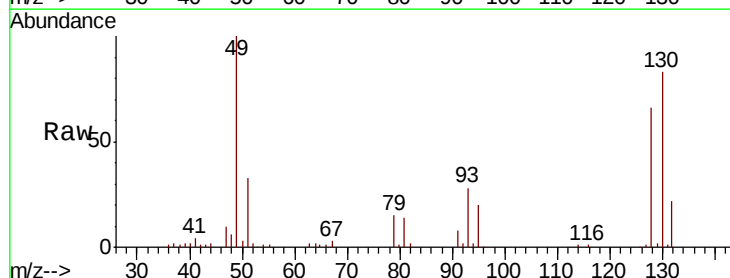
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



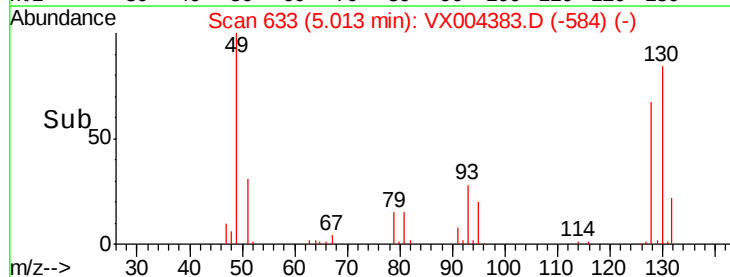
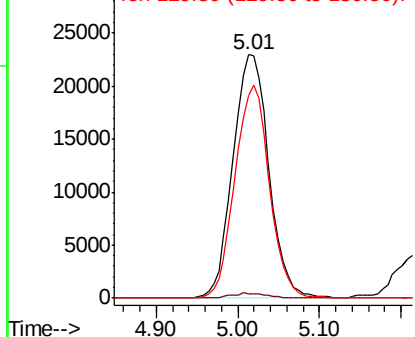
#28

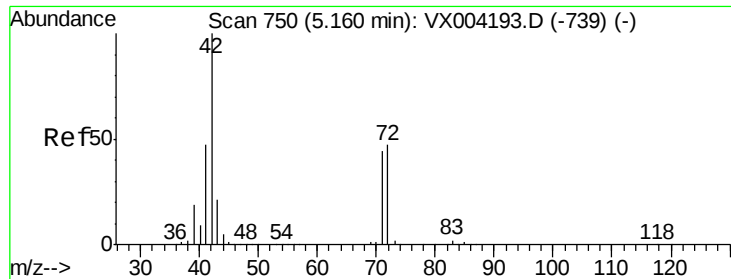
Bromochloromethane
Concen: 20.87 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 49 Resp: 70287
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 83.9 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

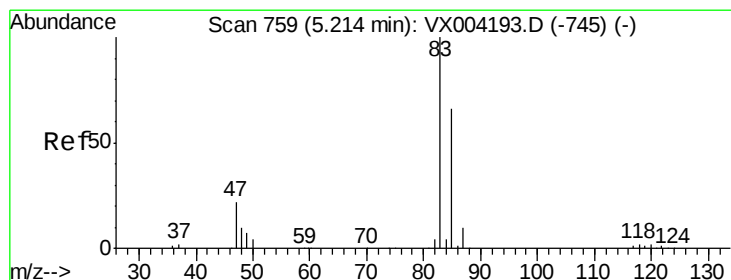
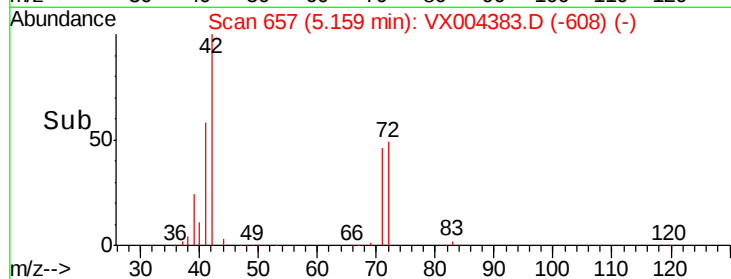
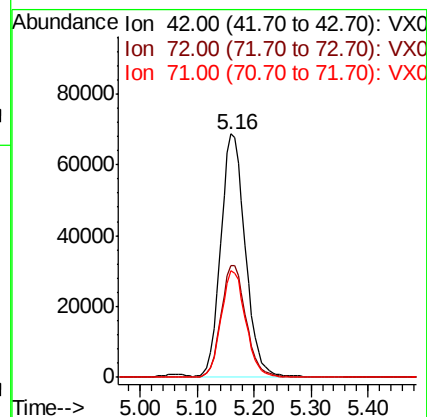
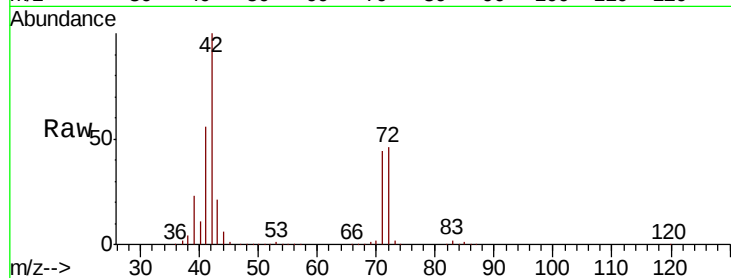




#29
Tetrahydrofuran
Concen: 102.06 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

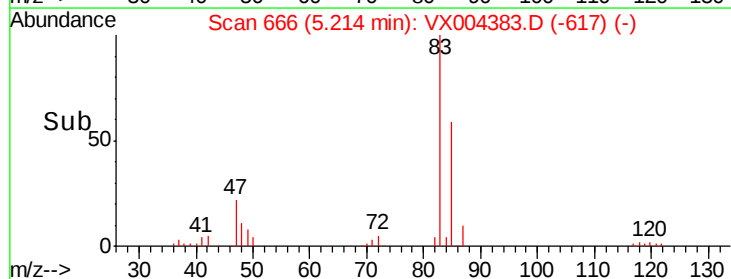
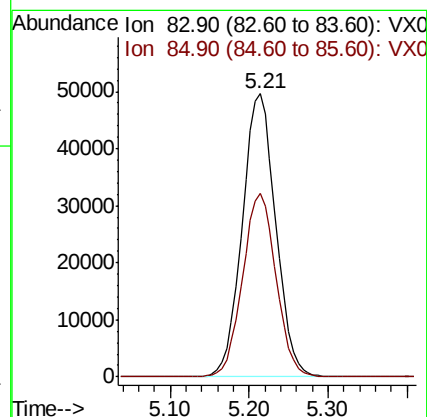
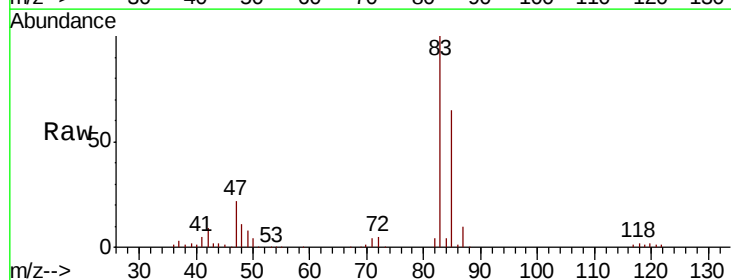
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

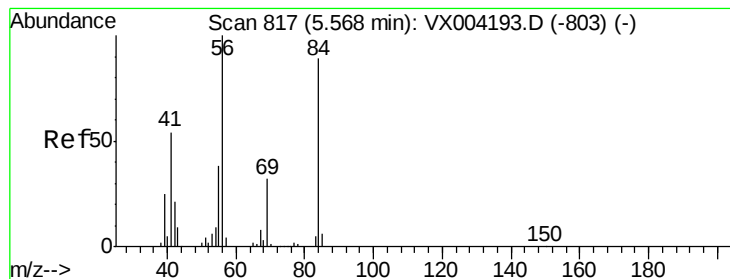
Tot Ion: 42 Resp: 205235
Ion Ratio Lower Upper
42 100
72 46.7 37.4 56.0
71 43.6 34.5 51.7



#30
Chloroform
Concen: 19.18 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 83 Resp: 146256
Ion Ratio Lower Upper
83 100
85 65.0 52.6 79.0





#31

Cyclohexane

Concen: 18.21 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

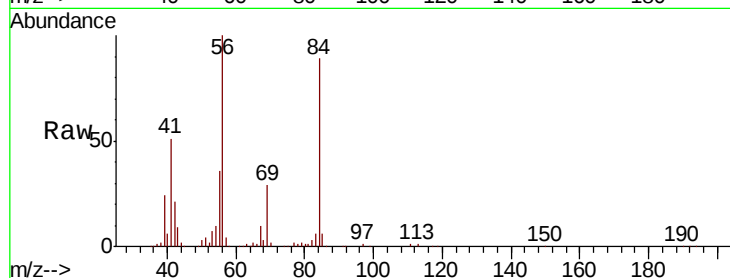
Tot Ion: 56 Resp: 119497

Ion Ratio Lower Upper

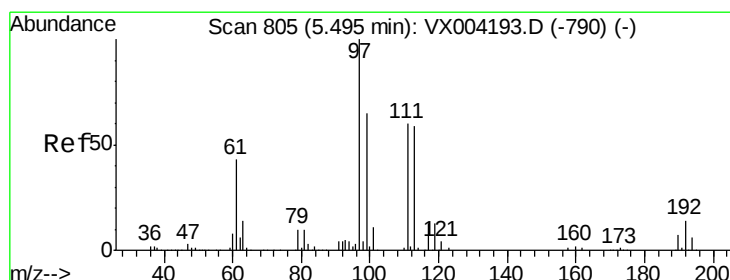
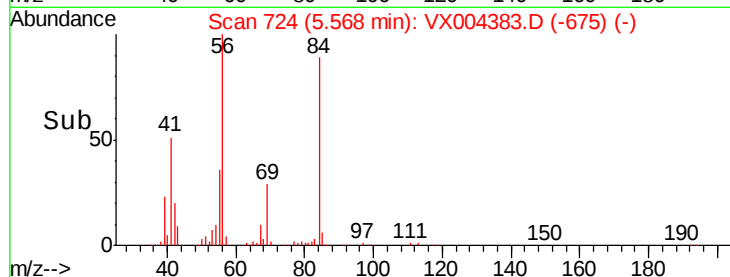
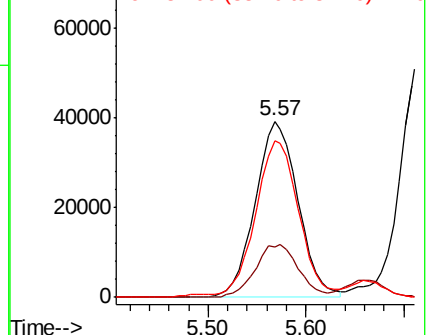
56 100

69 28.9 25.4 38.2

84 86.9 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: 19.17 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

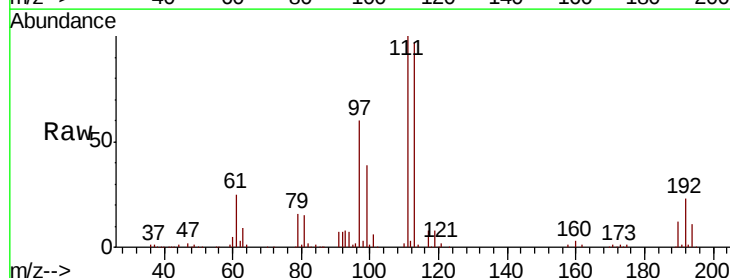
Tgt Ion: 97 Resp: 121900

Ion Ratio Lower Upper

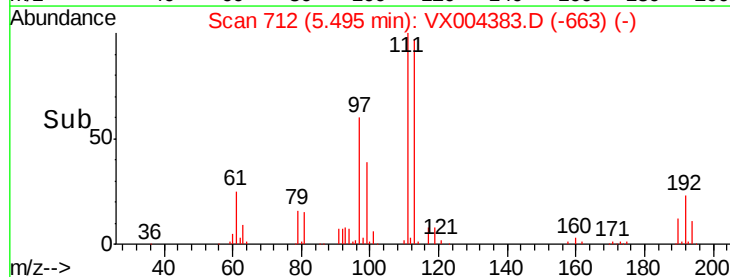
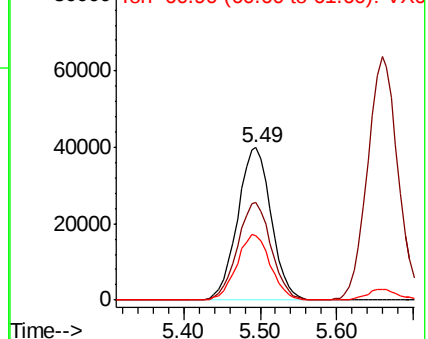
97 100

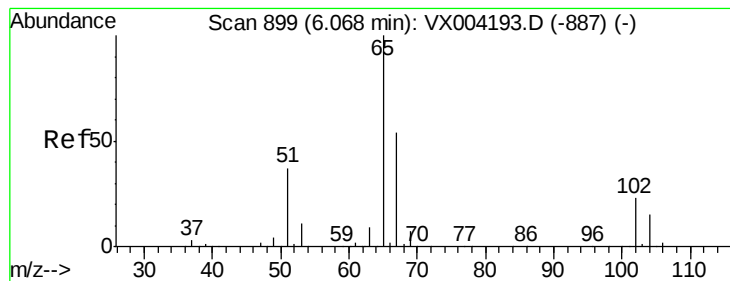
99 64.2 52.0 78.0

61 43.0 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: 47.90 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

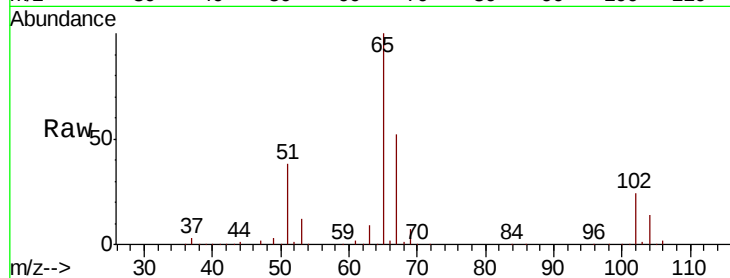
VX0906MBS01

Tot Ion: 65 Resp: 224177

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

60000

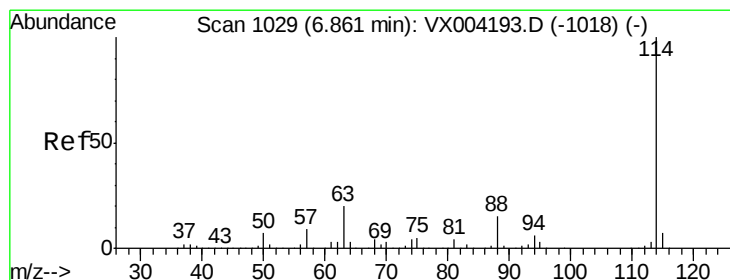
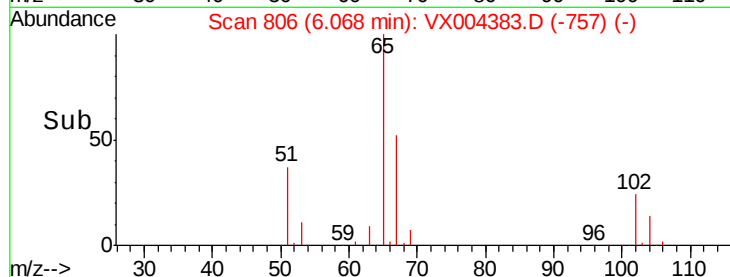
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

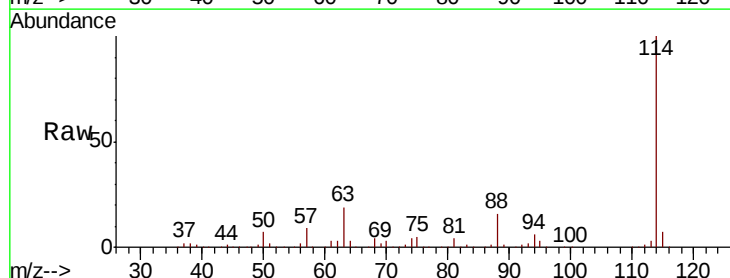
Tgt Ion: 114 Resp: 520786

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

88 16.2 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

300000

250000

200000

150000

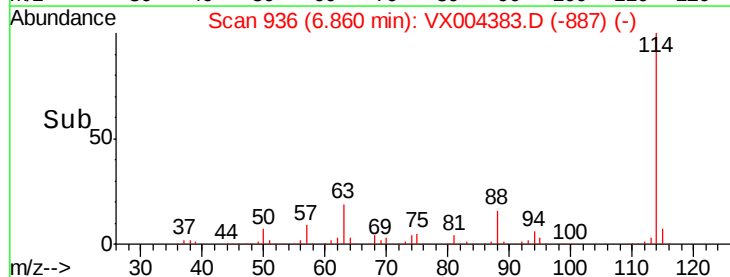
100000

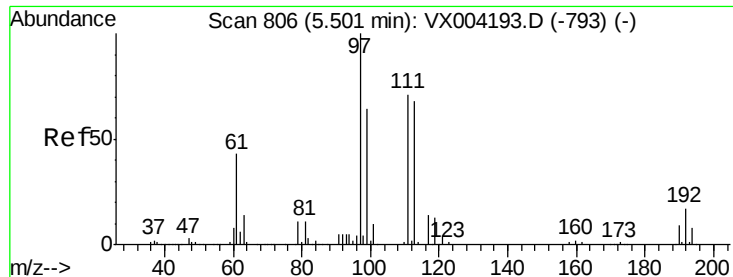
50000

0

Time-->

6.70 6.80 6.90 7.00

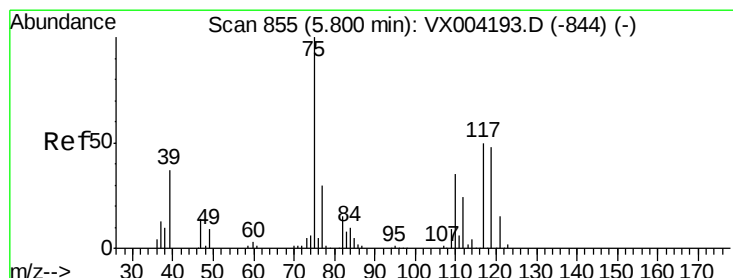
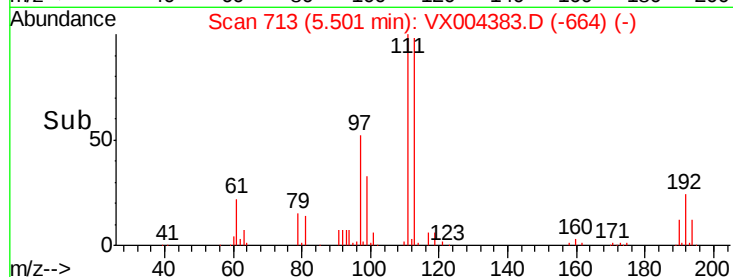
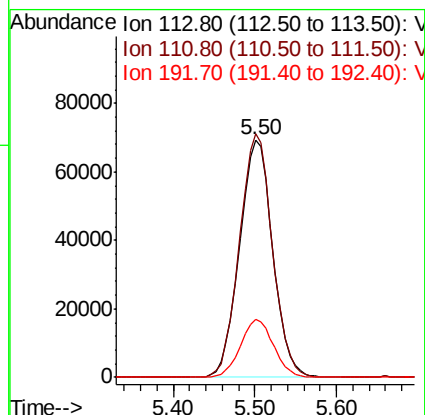
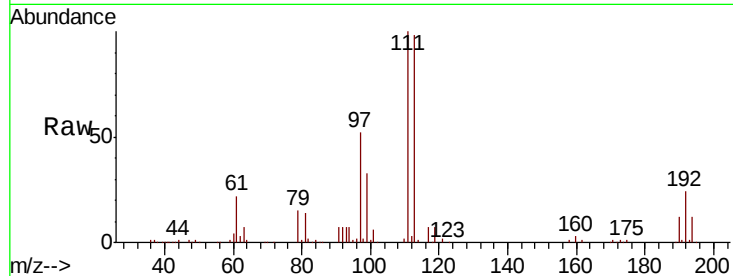




#35
 Dibromofluoromethane
 Concen: 50.42 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

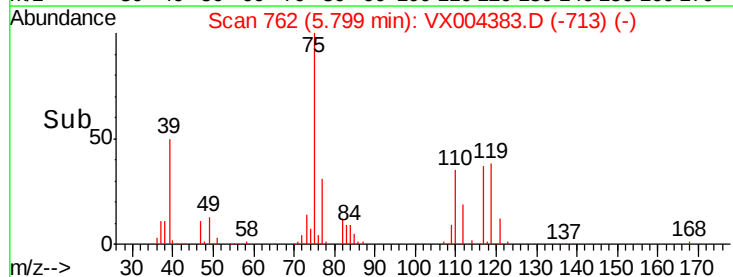
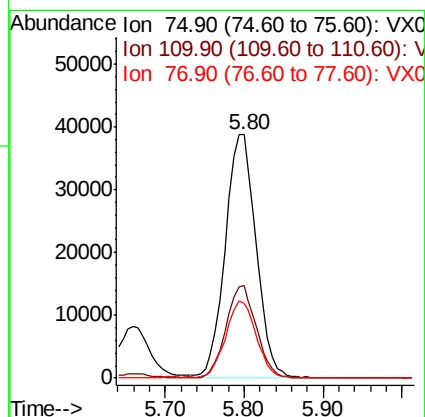
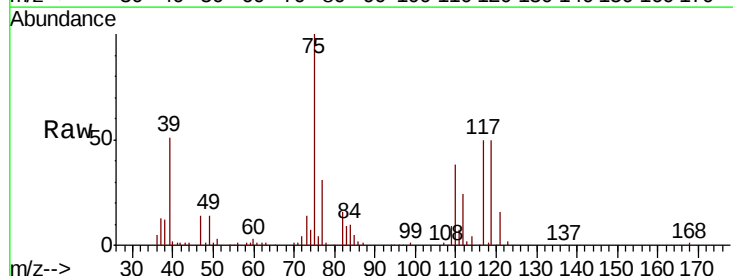
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

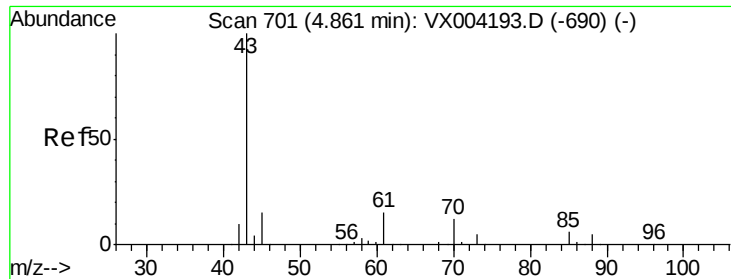
Tot Ion:113 Resp: 195343
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 24.3 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 17.97 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion: 75 Resp: 105207
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.0 54.0
 77 31.6 24.6 36.8

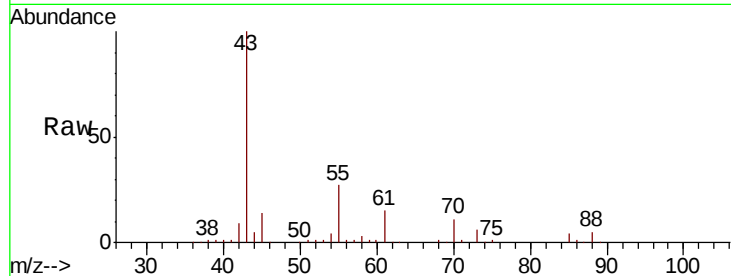




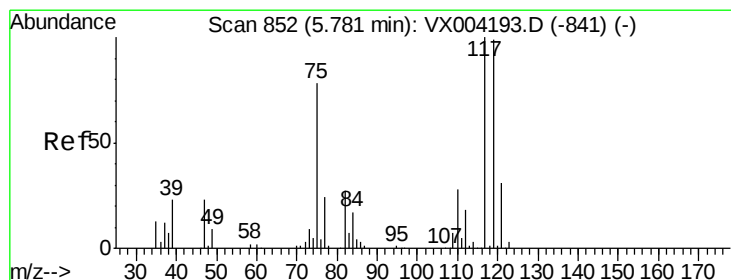
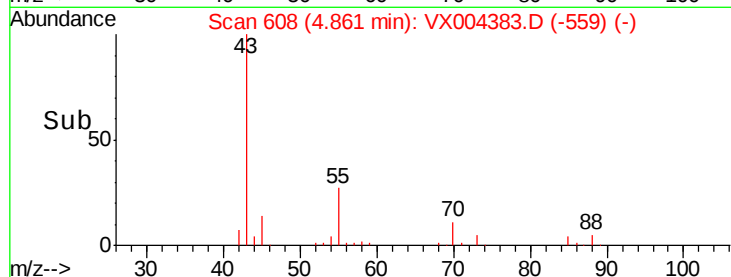
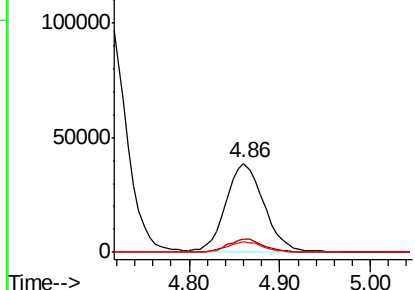
#37
Ethyl Acetate
Concen: 19.49 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampled :
VX0906MBS01

Tot Ion: 43 Resp: 112198
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 11.6 9.0 13.6

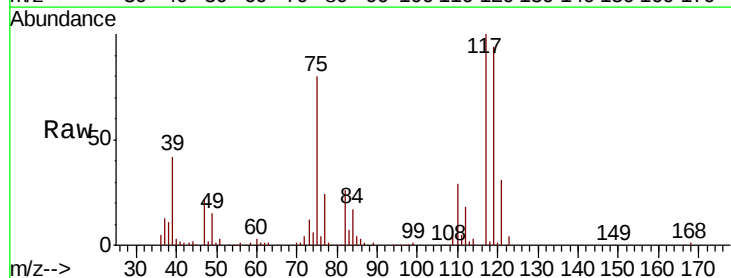


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

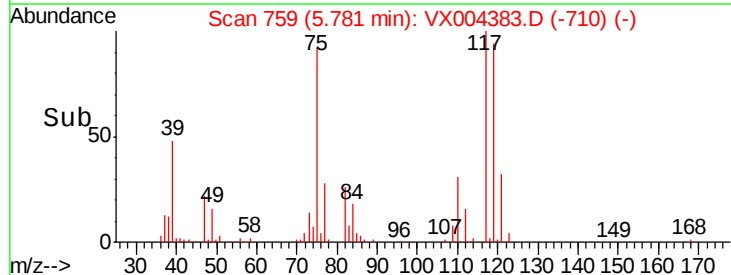
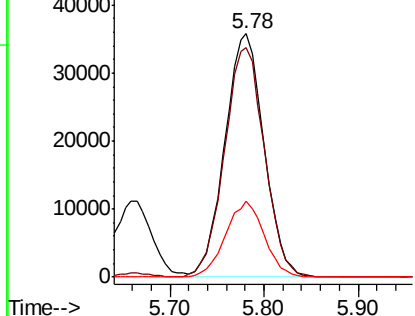


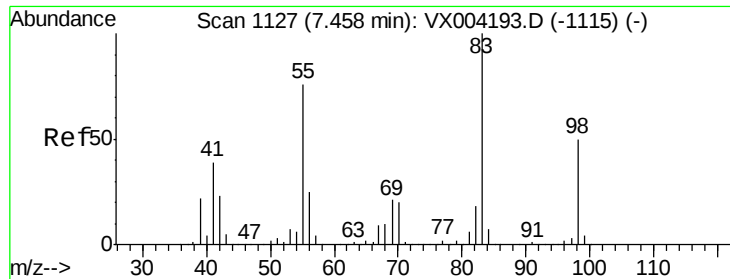
#38
Carbon Tetrachloride
Concen: 18.72 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 117 Resp: 103115
Ion Ratio Lower Upper
117 100
119 94.5 78.8 118.2
121 31.0 24.9 37.3



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

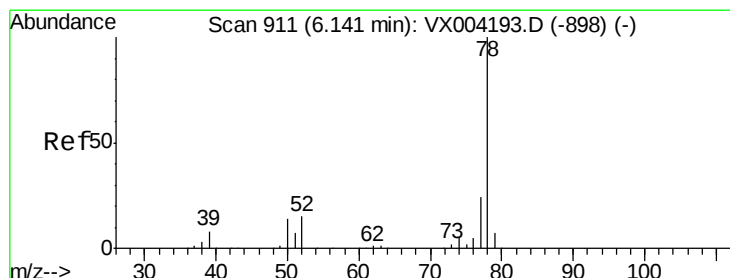
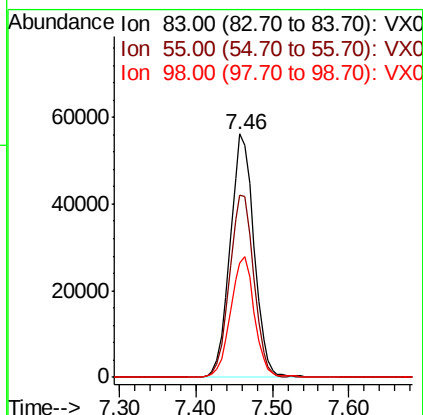
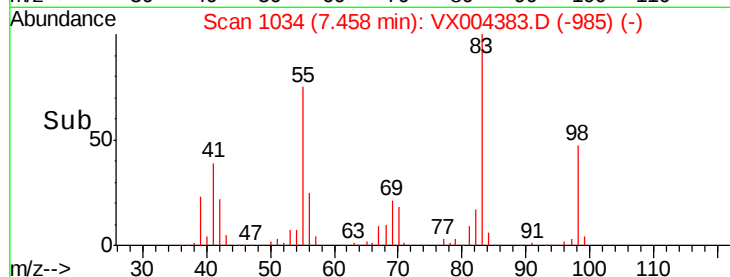
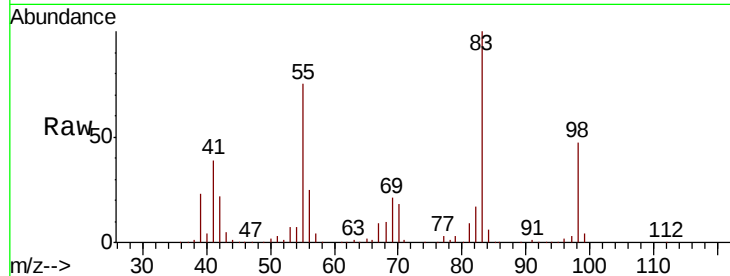




#39
Methvlcvclohexane
Concen: 18.23 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

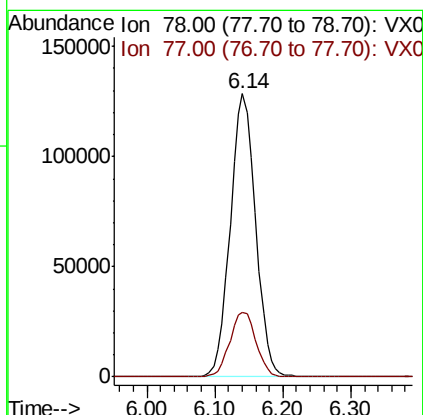
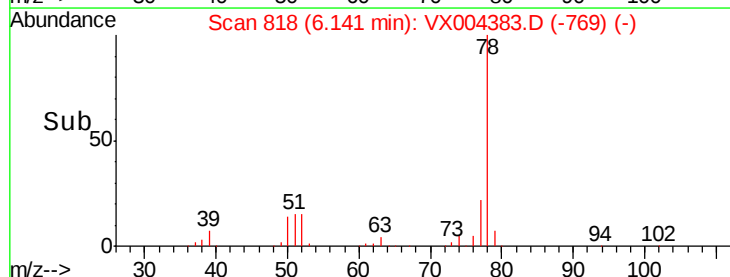
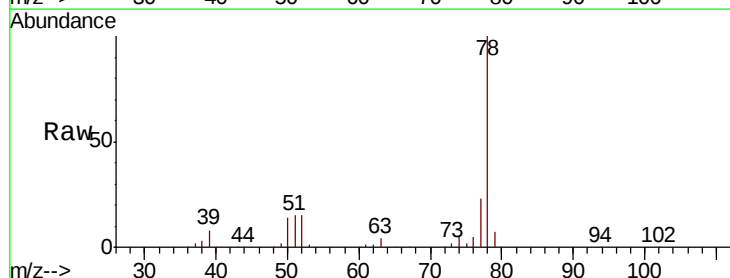
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

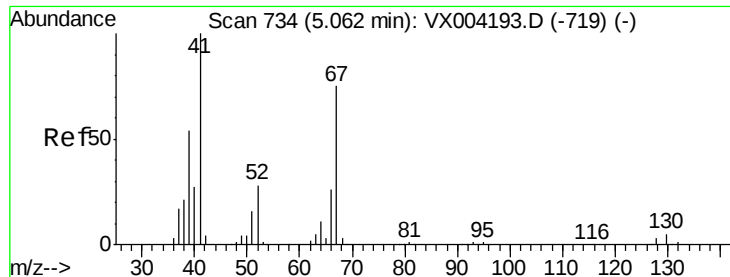
Tot Ion: 83 Resp: 121845
Ion Ratio Lower Upper
83 100
55 75.1 61.0 91.4
98 47.1 39.6 59.4



#40
Benzene
Concen: 19.02 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 78 Resp: 332685
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41

Methacrylonitrile

Concen: 20.05 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 41 Resp: 66928

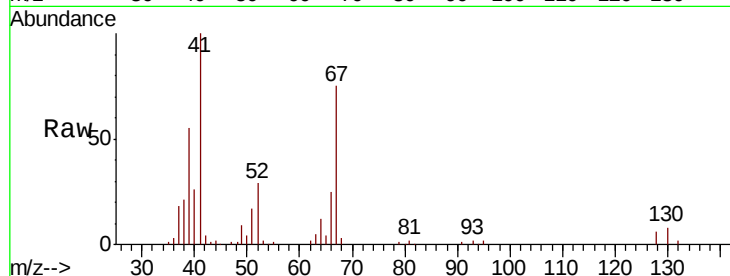
Ion Ratio Lower Upper

41 100

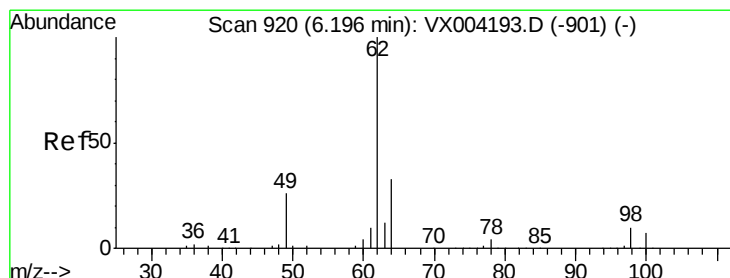
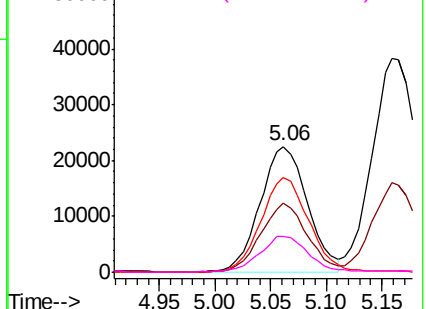
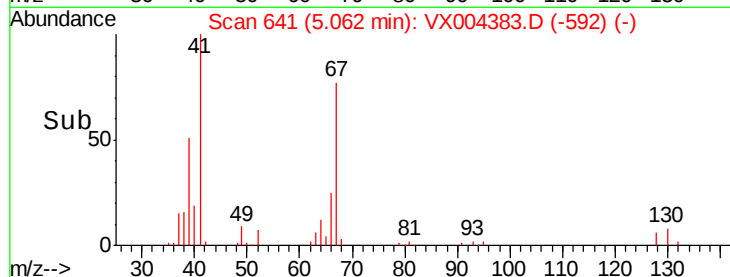
39 53.7 42.4 63.6

67 76.4 59.2 88.8

52 28.2 23.0 34.4



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



#42

1,2-Dichloroethane

Concen: 19.11 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX004383.D

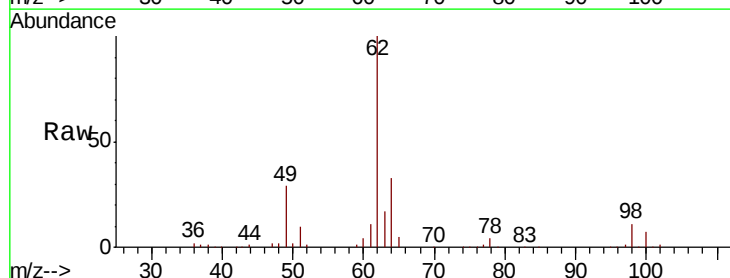
Acq: 06 Sep 2018 14:25

Tgt Ion: 62 Resp: 114054

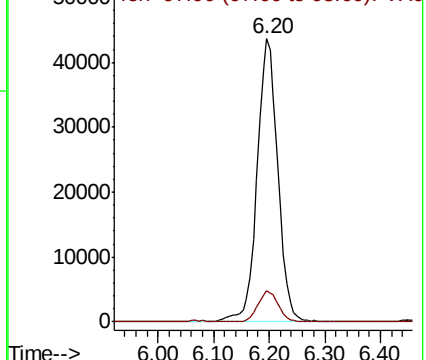
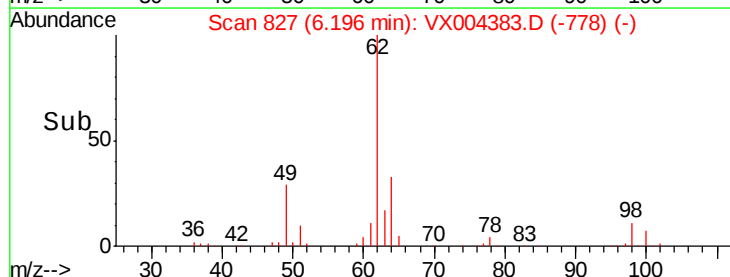
Ion Ratio Lower Upper

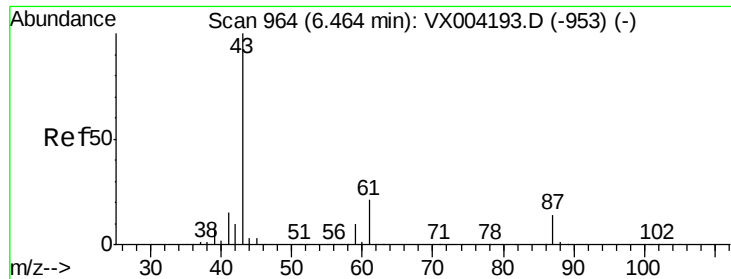
62 100

98 10.8 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 19.80 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

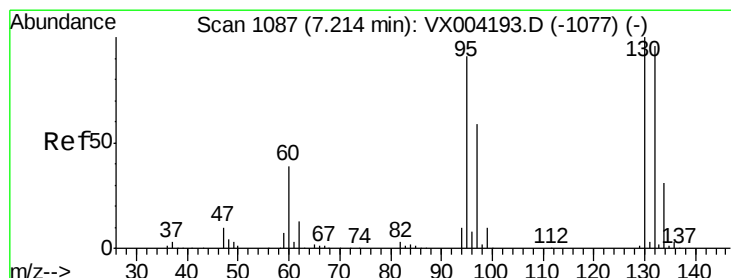
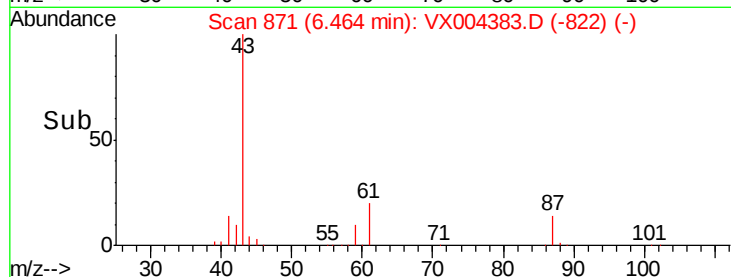
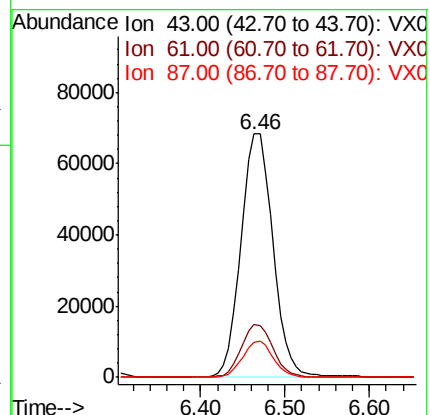
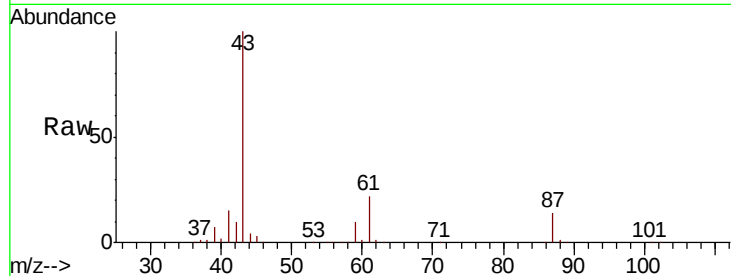
Tot Ion: 43 Resp: 175215

Ion Ratio Lower Upper

43 100

61 21.6 17.0 25.4

87 14.3 11.4 17.2



#44

Trichloroethene

Concen: 18.74 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004383.D

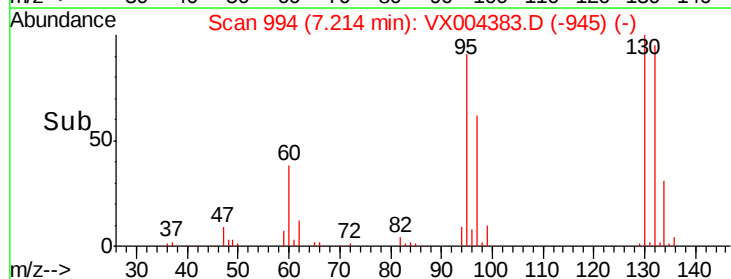
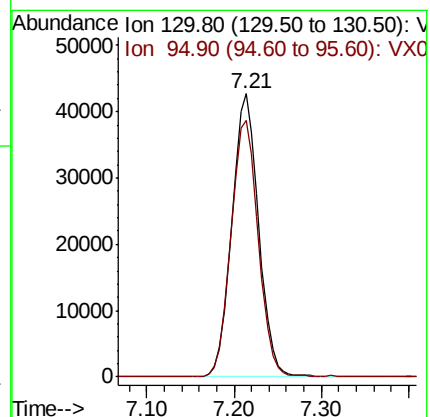
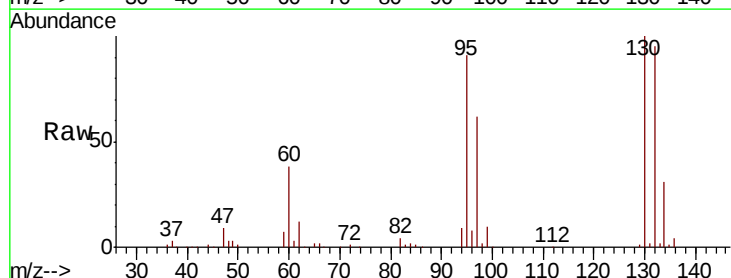
Acq: 06 Sep 2018 14:25

Tgt Ion:130 Resp: 90732

Ion Ratio Lower Upper

130 100

95 90.7 0.0 181.6

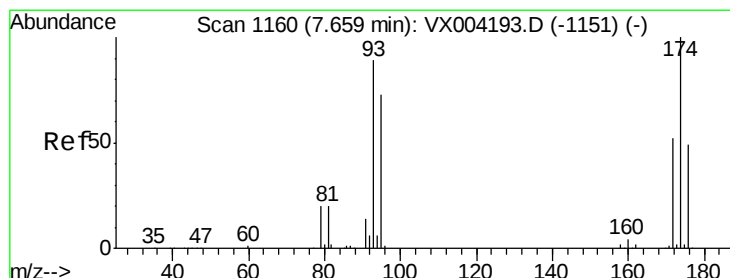
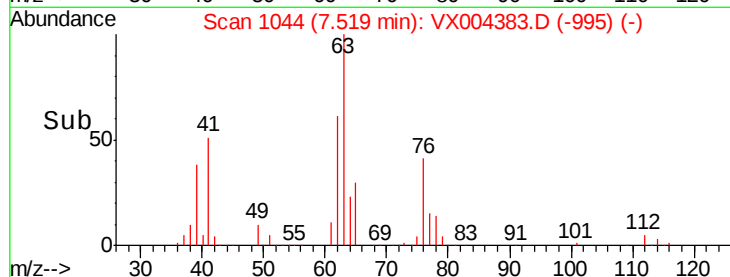
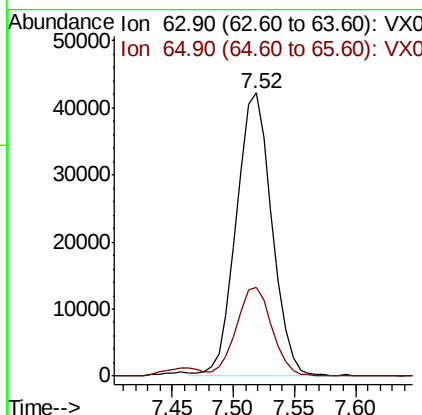
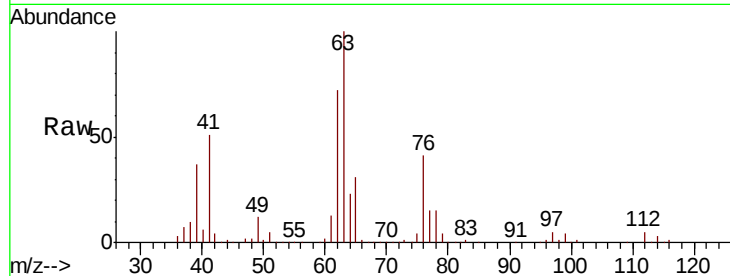




#45
 1,2-Dichloropropane
 Concen: 19.30 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

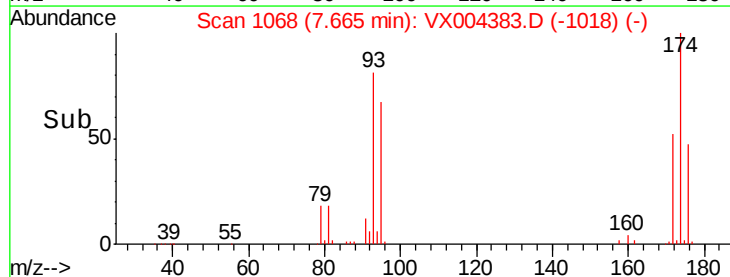
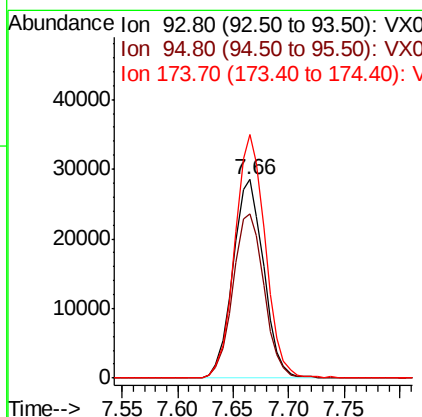
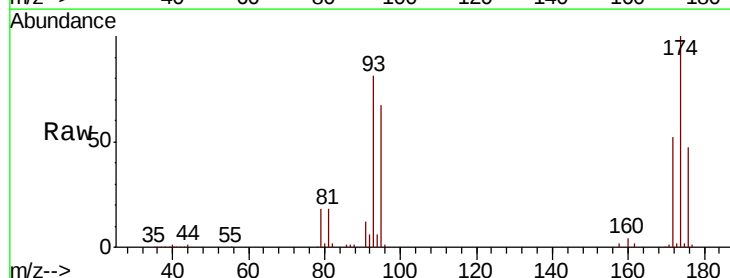
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion: 63 Resp: 84514
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5



#46
 Dibromomethane
 Concen: 18.72 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion: 93 Resp: 54563
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.5 98.3
 174 121.5 94.2 141.4





#47

Bromodichloromethane

Concen: 19.39 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

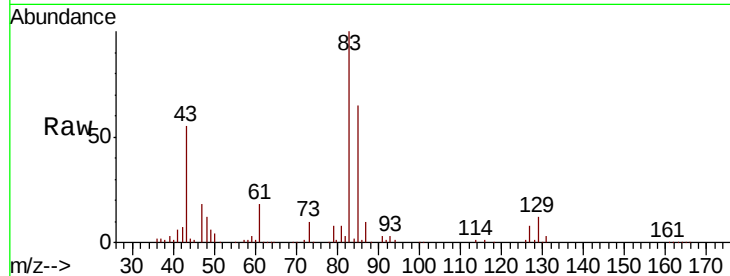
Tot Ion: 83 Resp: 105182

Ion Ratio Lower Upper

83 100

85 64.8 50.9 76.3

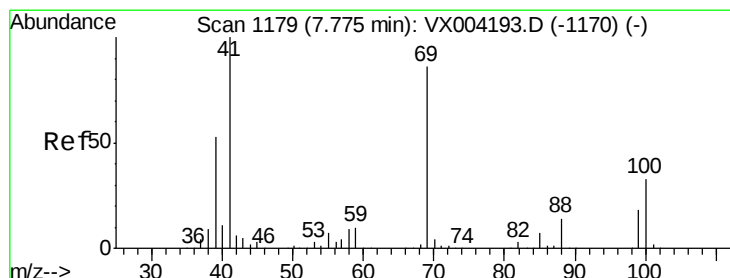
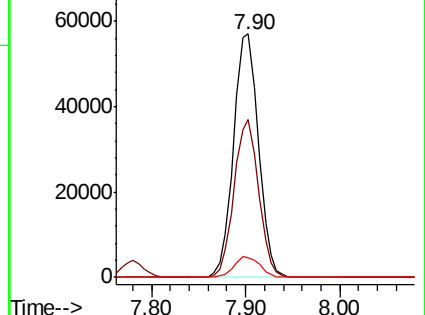
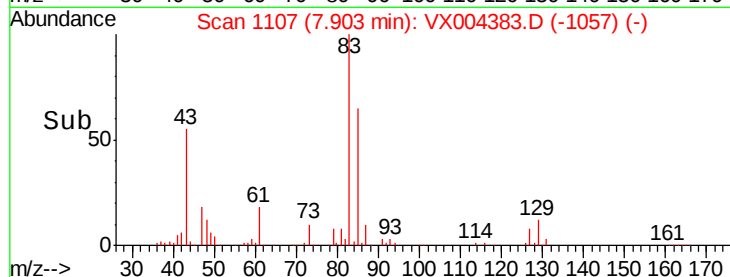
127 8.0 7.3 10.9



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: 19.75 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

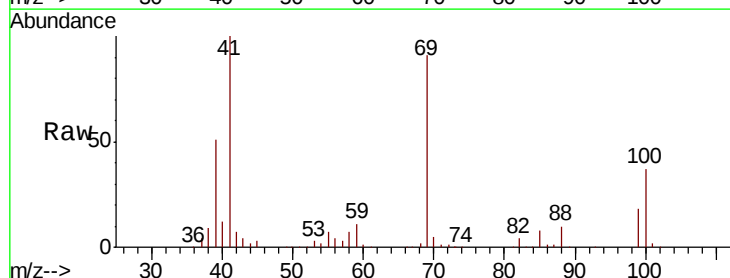
Tgt Ion: 41 Resp: 93526

Ion Ratio Lower Upper

41 100

69 89.1 70.2 105.4

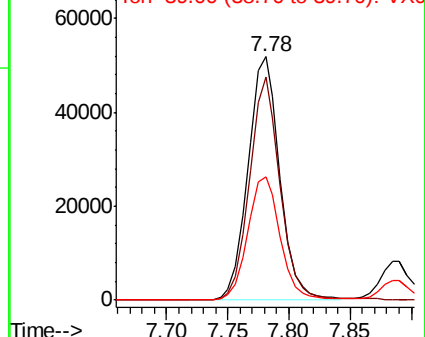
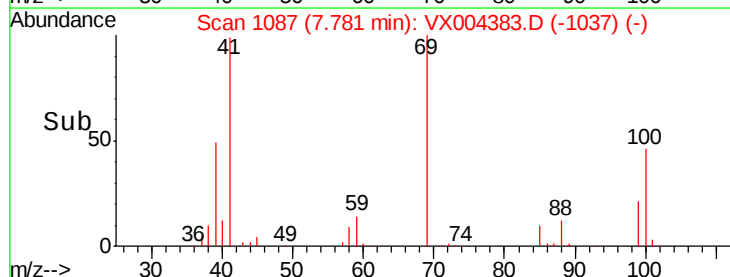
39 52.0 42.7 64.1

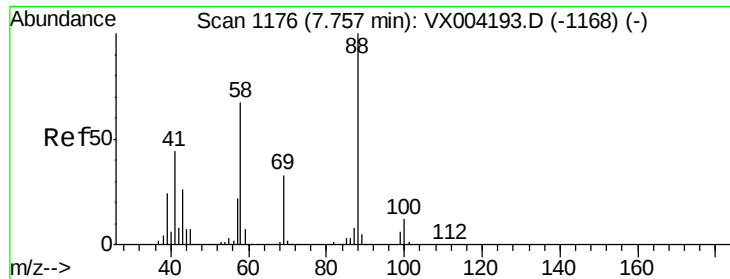


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 426.73 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

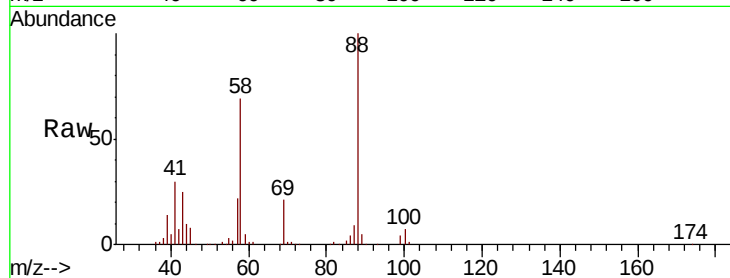
MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 88 Resp: 45869

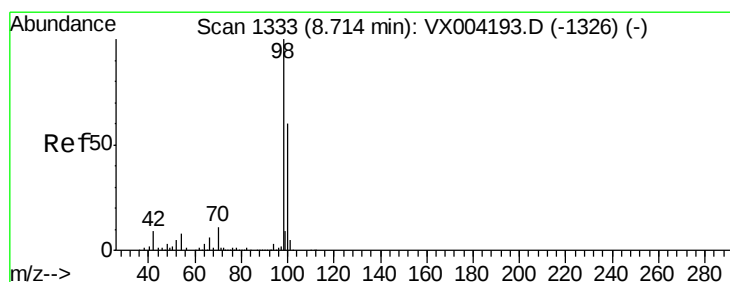
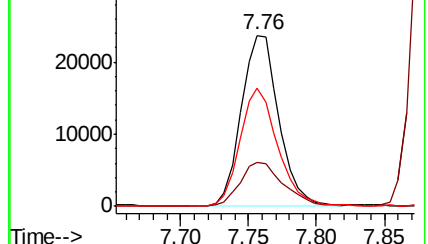
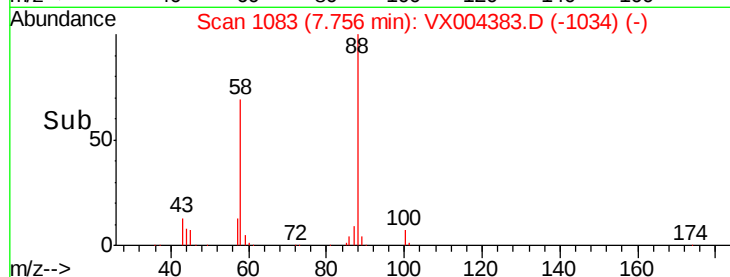
Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.7	37.1
58	69.7	55.3	82.9



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: 49.22 ug/l

RT: 8.71 min Scan# 1240

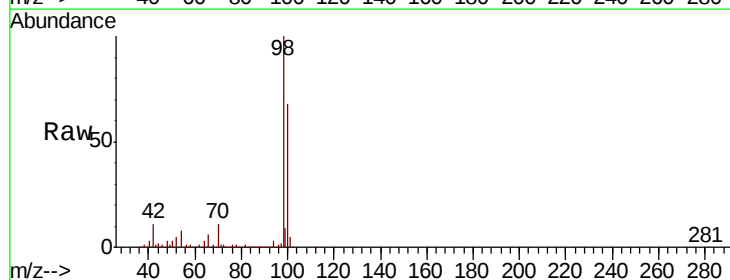
Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

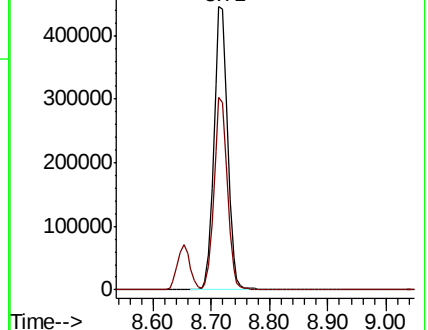
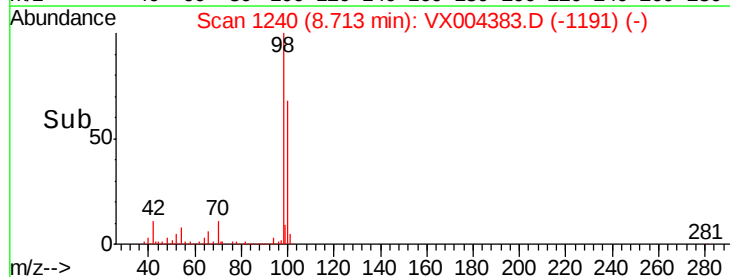
Tgt Ion: 98 Resp: 719802

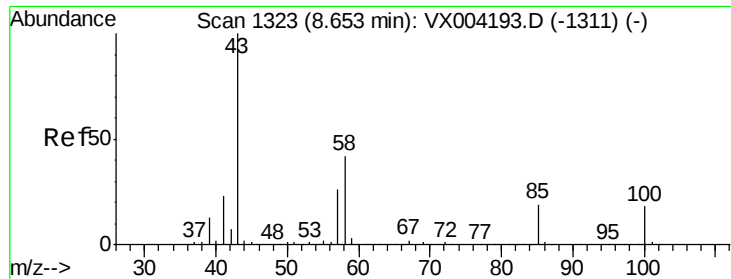
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

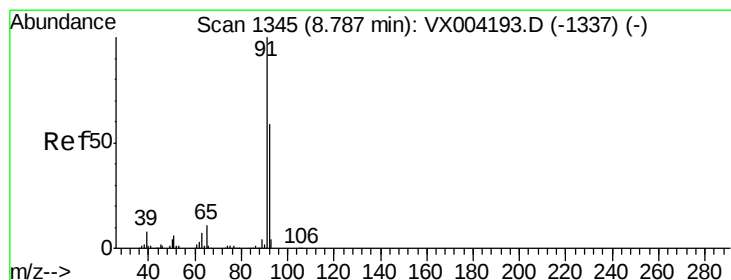
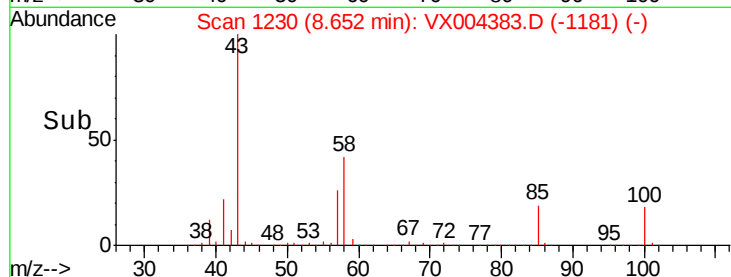
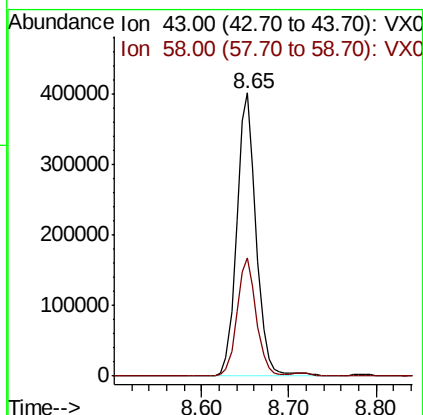
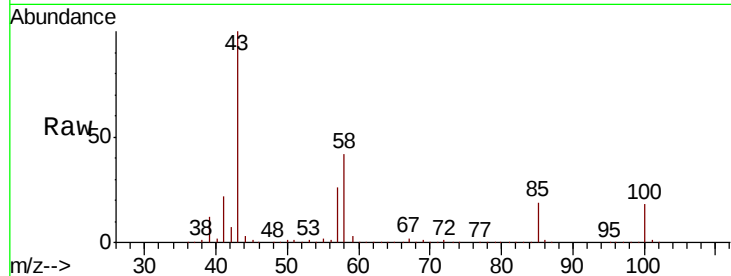




#51
4-Methyl-2-Pentanone
Concen: 96.82 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

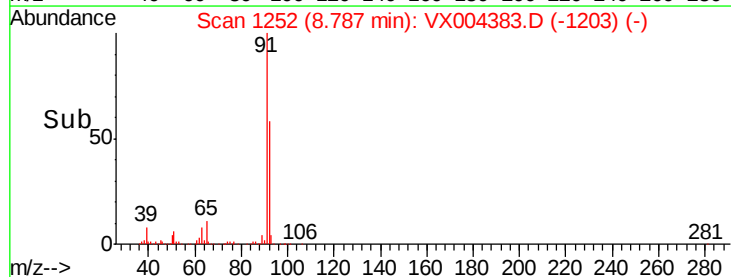
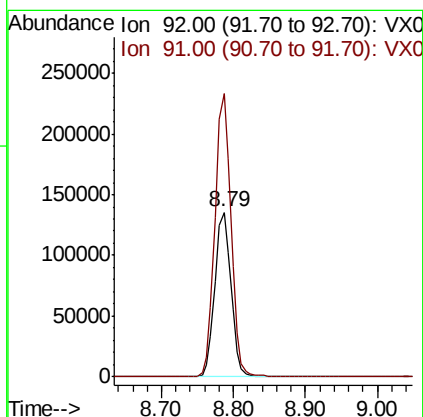
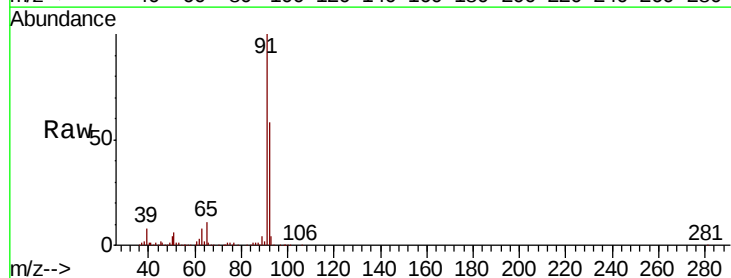
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion: 43 Resp: 622404
Ion Ratio Lower Upper
43 100
58 41.2 33.1 49.7



#52
Toluene
Concen: 19.30 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 92 Resp: 211328
Ion Ratio Lower Upper
92 100
91 170.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.30 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

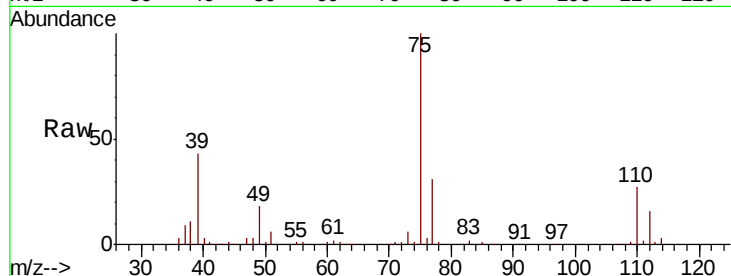
VX0906MBS01

Tot Ion: 75 Resp: 115648

Ion Ratio Lower Upper

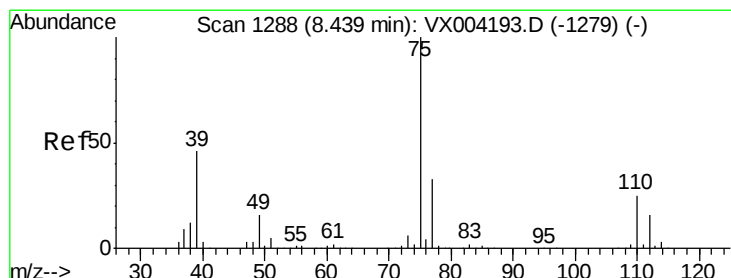
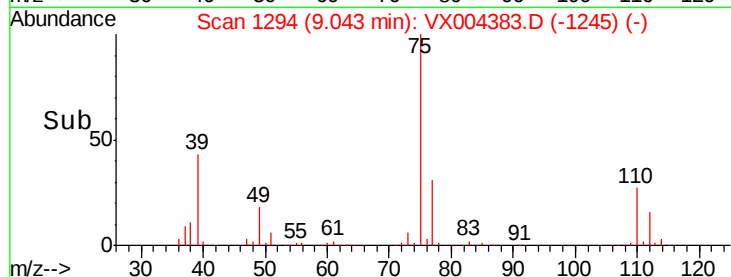
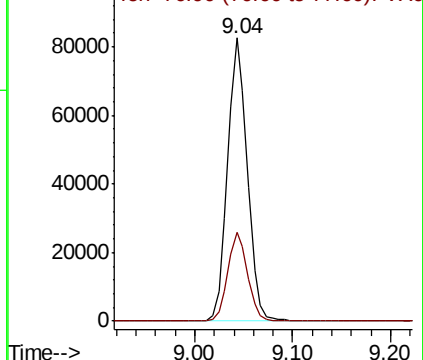
75 100

77 31.3 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: 19.64 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

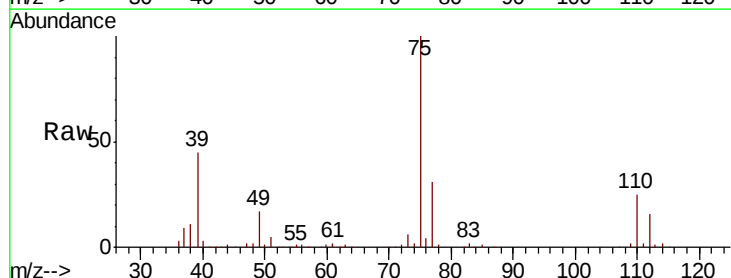
Tgt Ion: 75 Resp: 128189

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.2

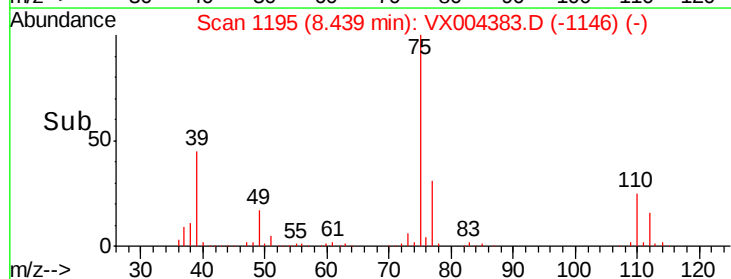
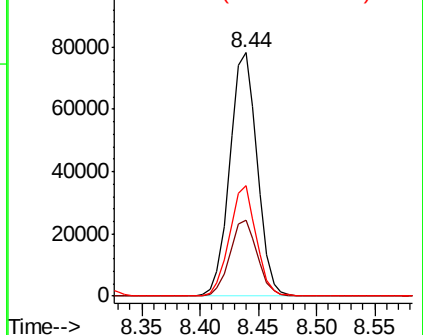
39 45.1 36.4 54.6

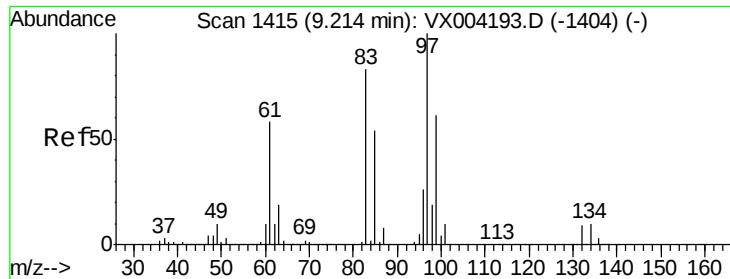


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

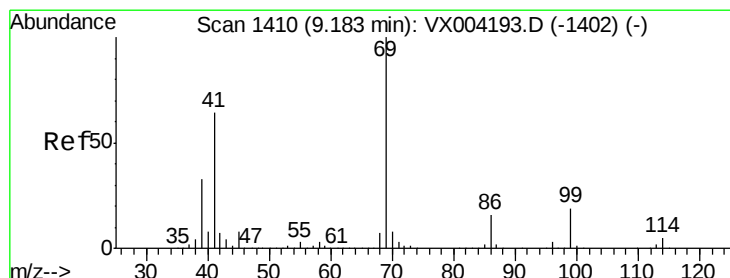
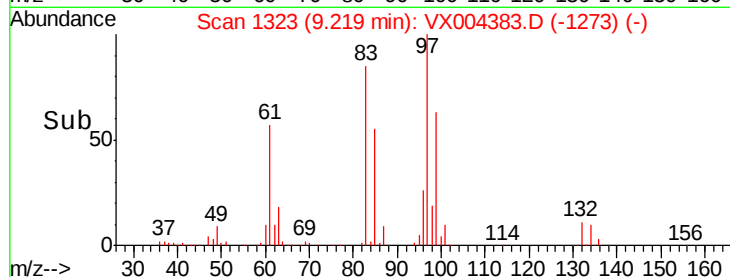
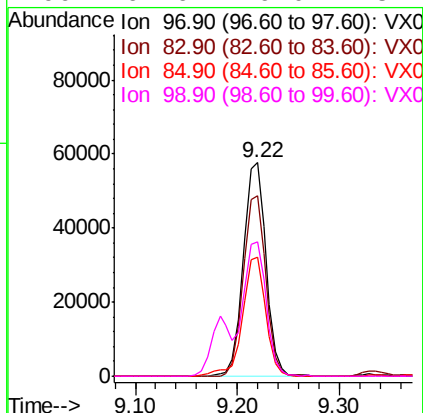
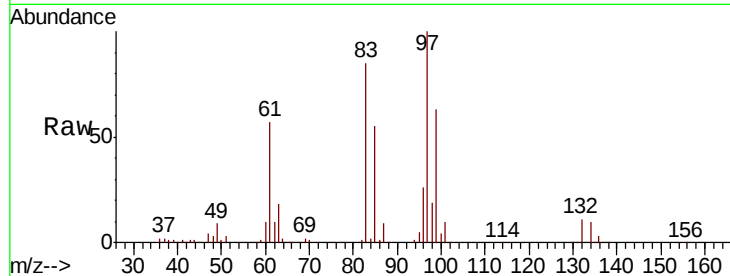




#55
 1,1,2-Trichloroethane
 Concen: 20.07 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

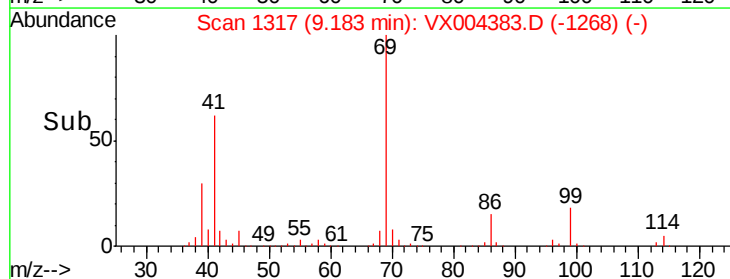
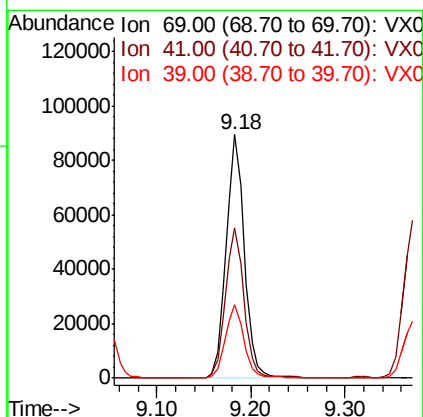
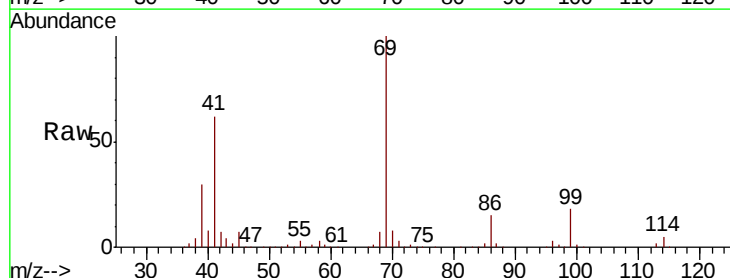
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

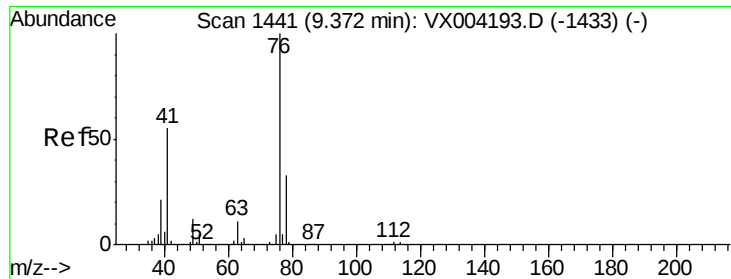
Tot Ion:	97	Resp:	88720
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.4	99.6
85	55.5	43.3	64.9
99	62.6	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.98 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion:	69	Resp:	120259
Ion	Ratio	Lower	Upper
69	100		
41	62.4	51.0	76.4
39	30.4	26.1	39.1

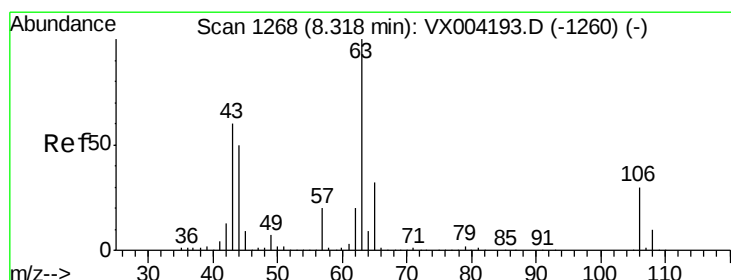
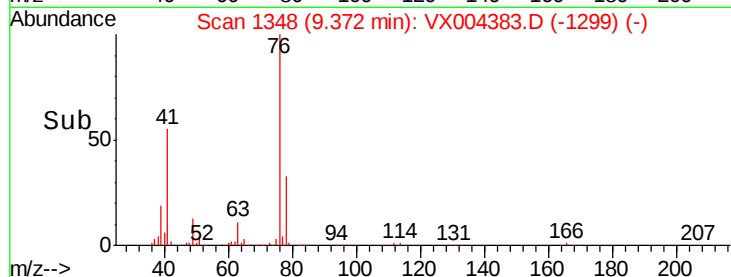
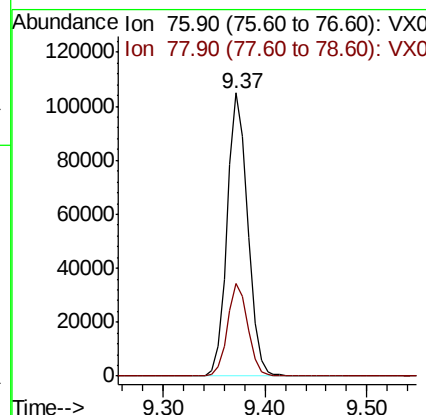
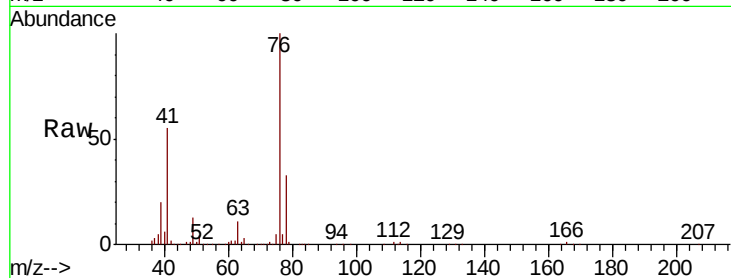




#57
 1,3-Dichloropropane
 Concen: 19.75 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

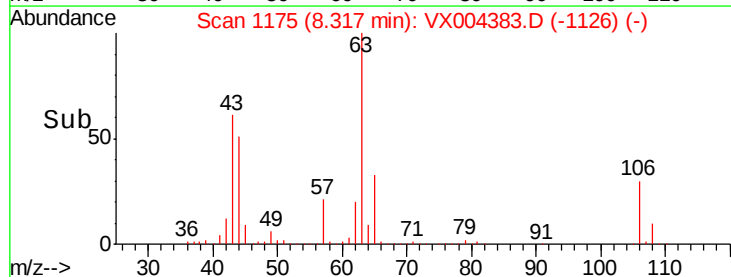
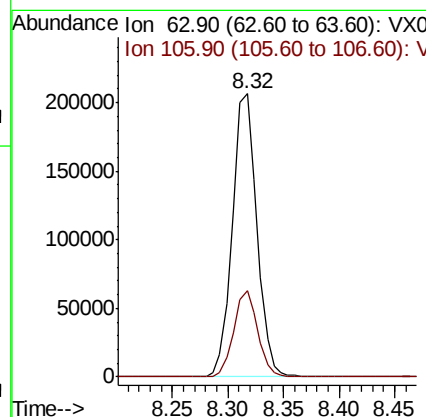
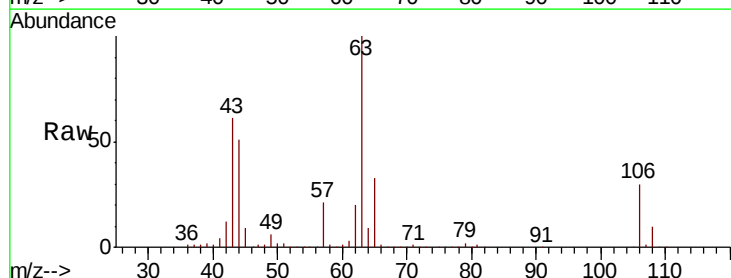
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

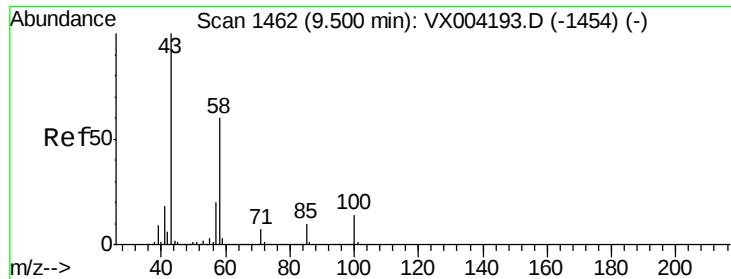
Tot Ion: 76 Resp: 147157
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.01 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion: 63 Resp: 314541
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.9 35.9

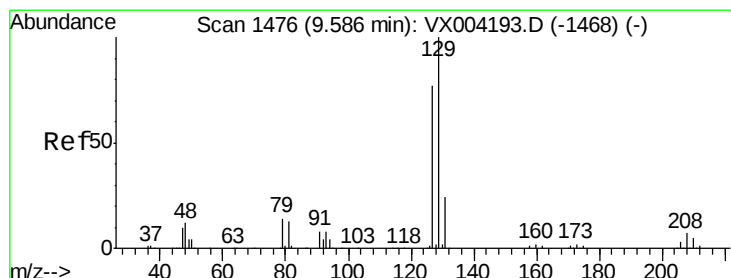
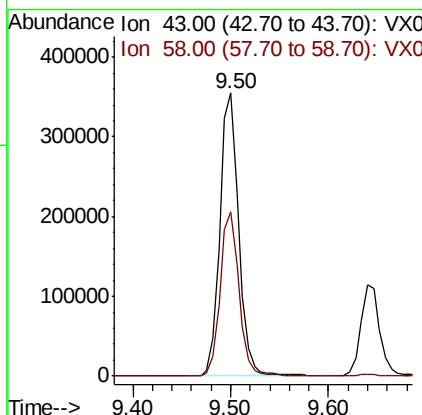
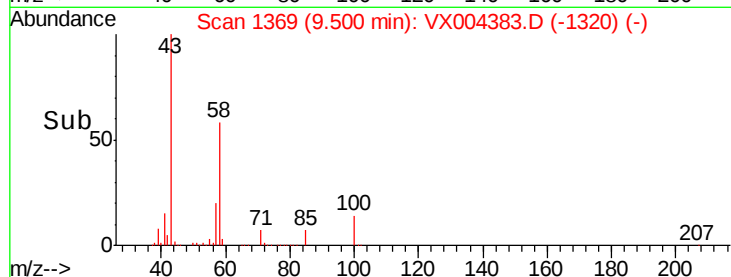
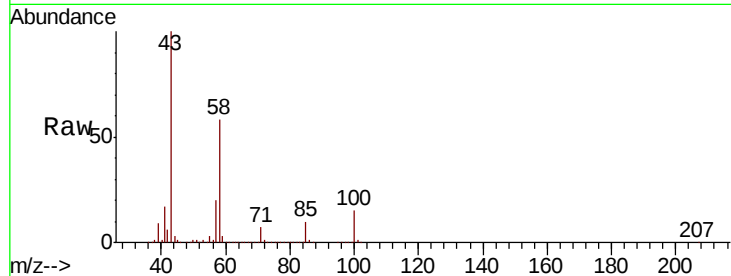




#59
2-Hexanone
Concen: 96.68 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

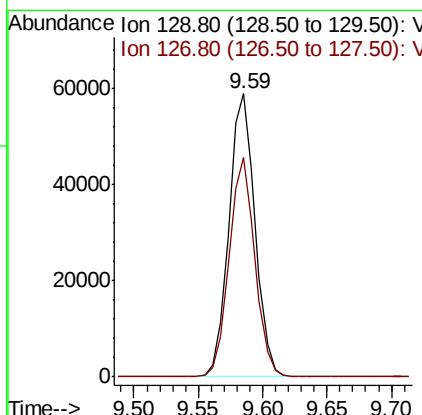
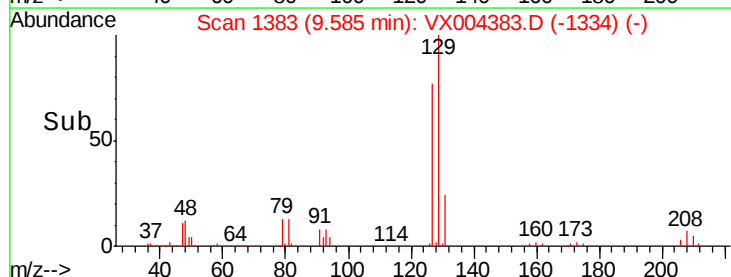
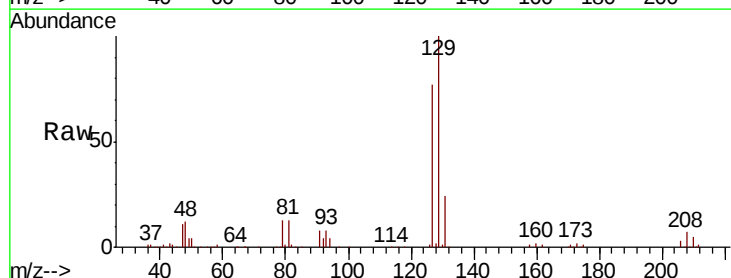
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

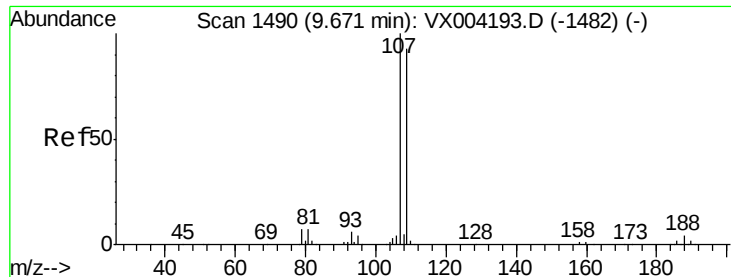
Tot Ion: 43 Resp: 474149
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.0



#60
Dibromochloromethane
Concen: 19.38 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion:129 Resp: 83468
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.35 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

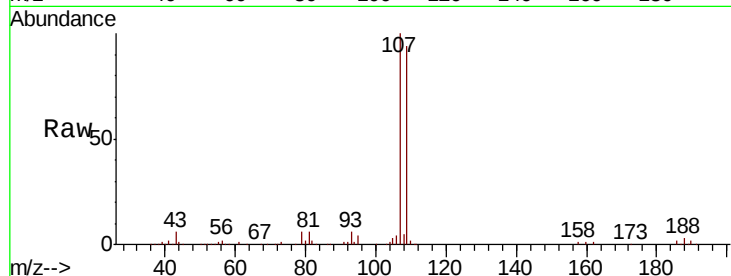
VX0906MBS01

Tot Ion:107 Resp: 88522

Ion Ratio Lower Upper

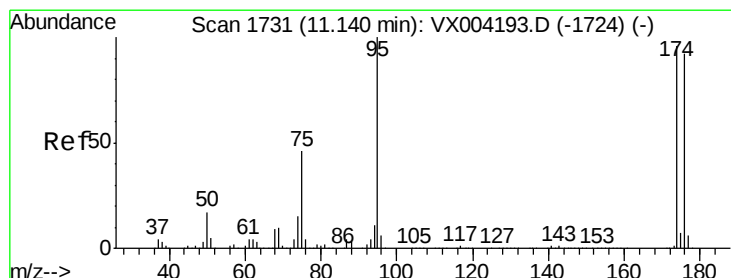
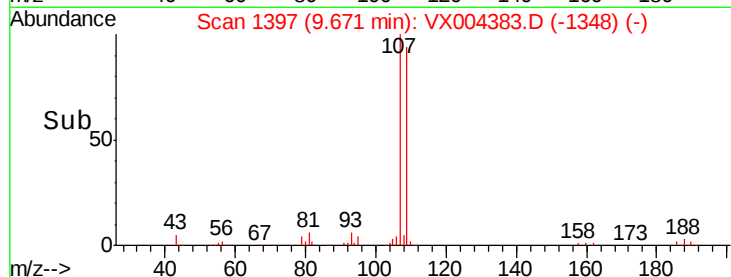
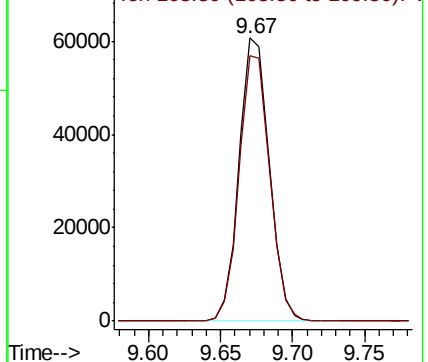
107 100

109 95.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.11 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

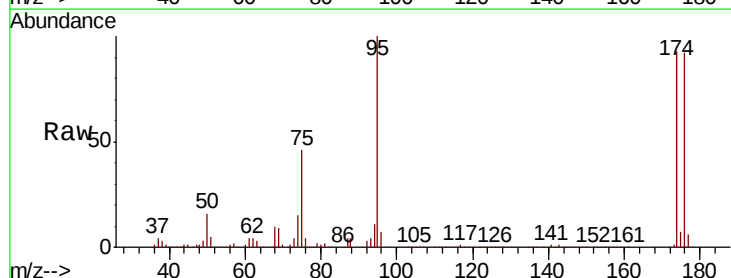
Tgt Ion: 95 Resp: 273422

Ion Ratio Lower Upper

95 100

174 91.9 0.0 185.2

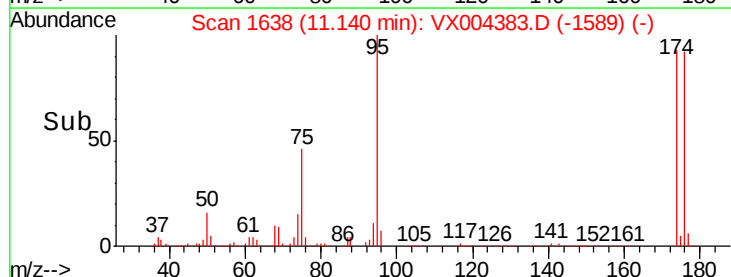
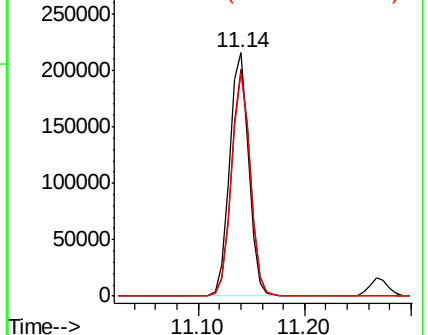
176 89.7 0.0 178.6

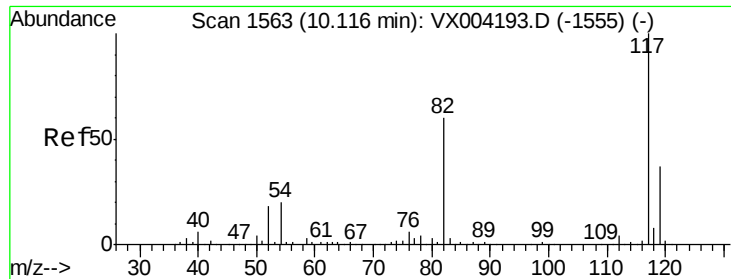


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

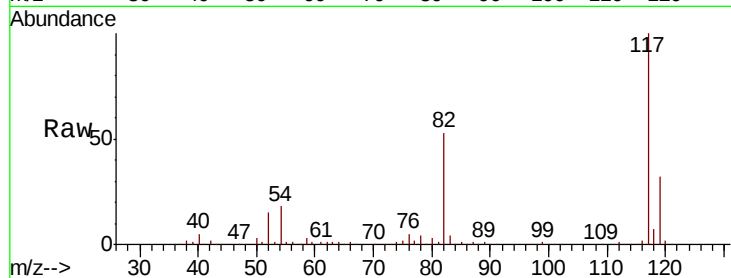




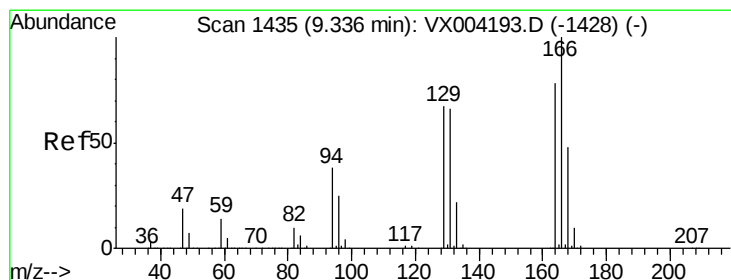
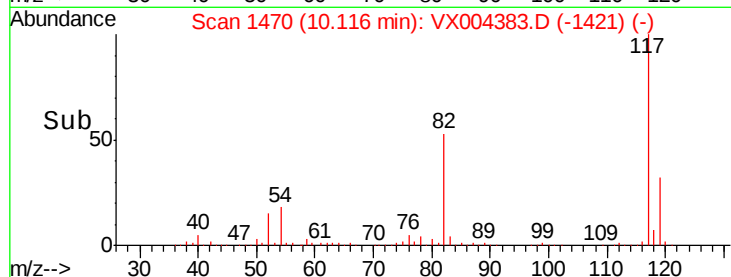
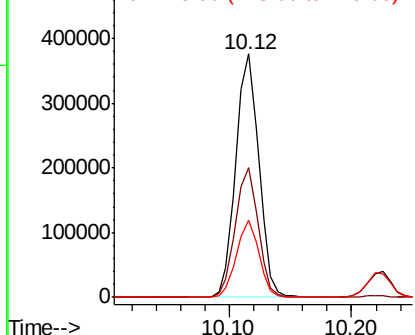
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion:117 Resp: 490128
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.6
119 31.5 29.3 43.9

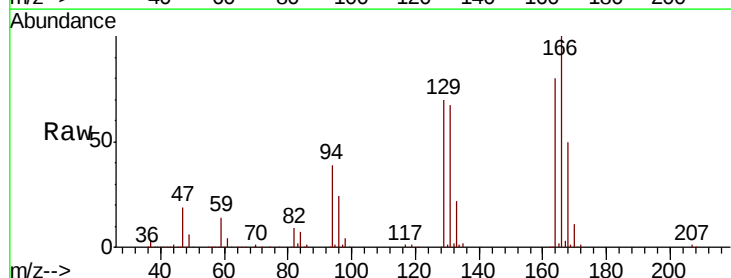


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

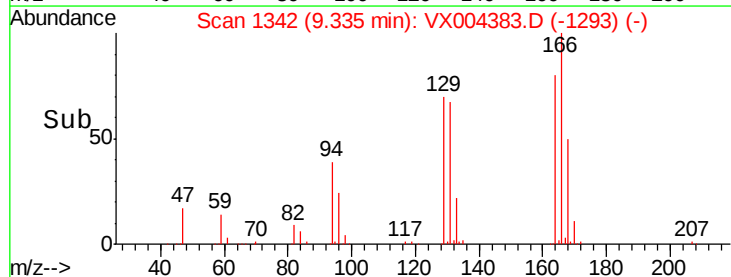
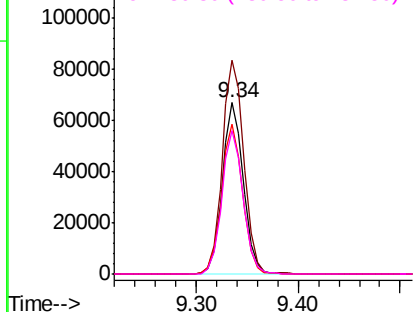


#64
Tetrachloroethene
Concen: 19.81 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion:164 Resp: 95894
Ion Ratio Lower Upper
164 100
166 124.9 102.8 154.2
129 87.4 69.4 104.0
131 83.9 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

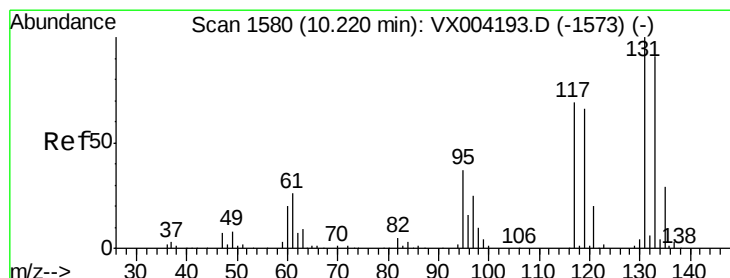
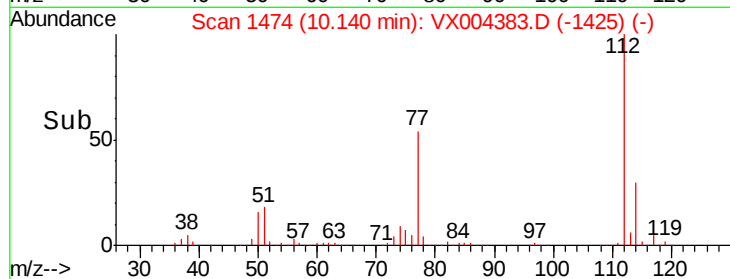
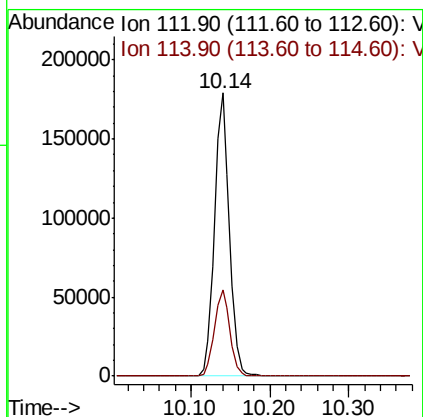
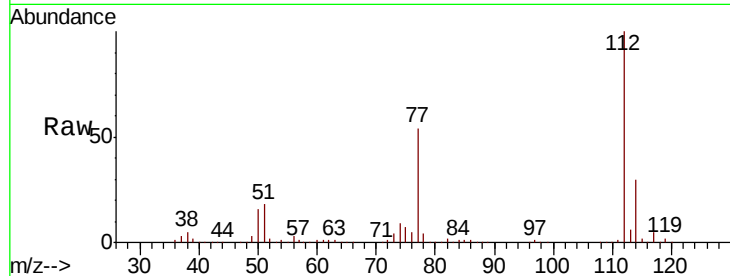




#65
Chlorobenzene
Concen: 19.02 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

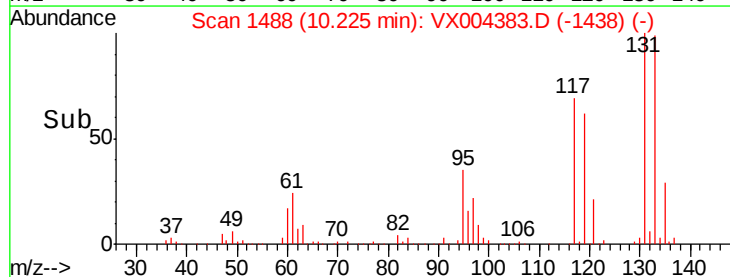
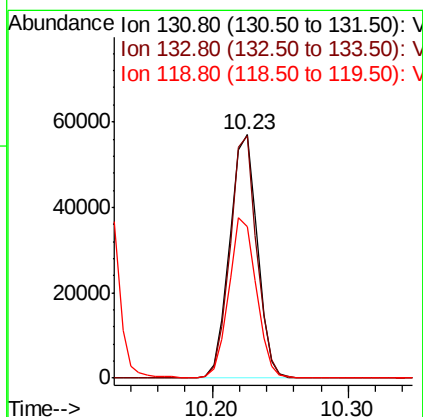
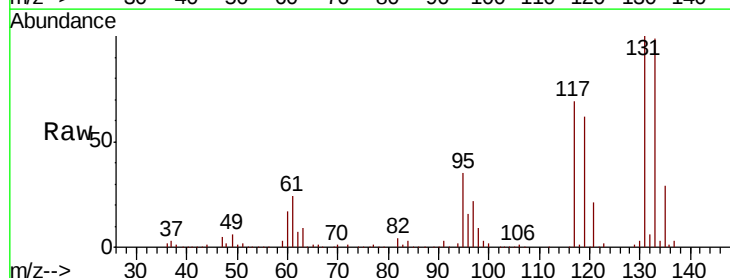
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

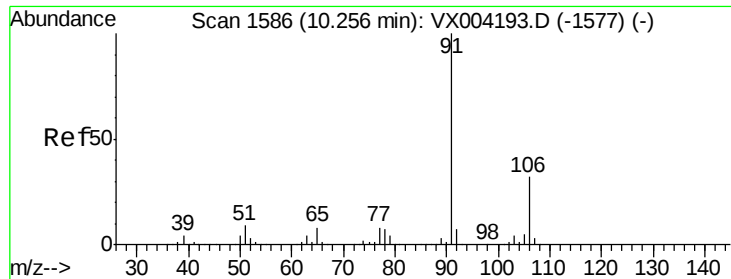
Tot Ion:112 Resp: 233988
Ion Ratio Lower Upper
112 100
114 30.3 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.98 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion:131 Resp: 80506
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 65.8 32.9 98.6

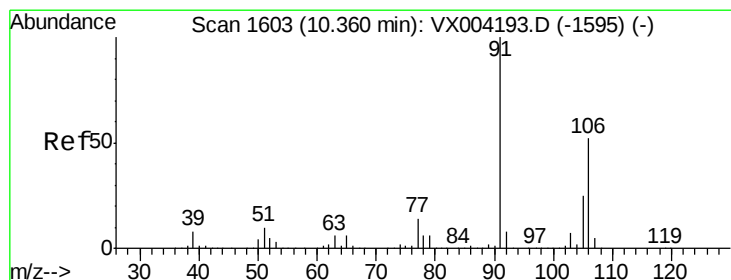
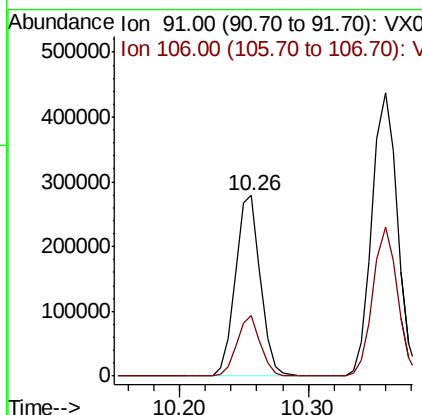
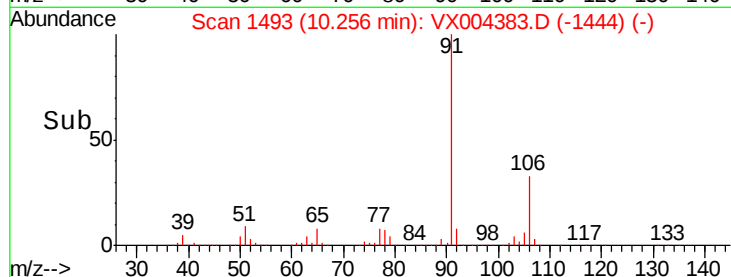
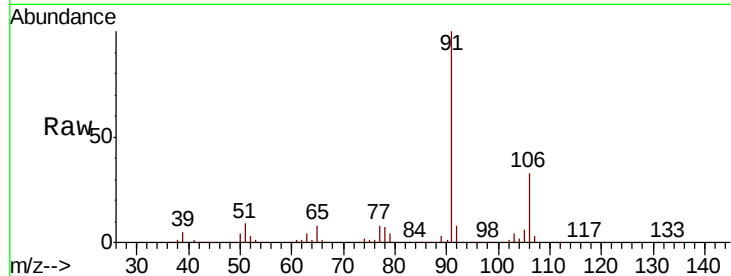




#67
Ethvl Benzene
Concen: 18.93 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

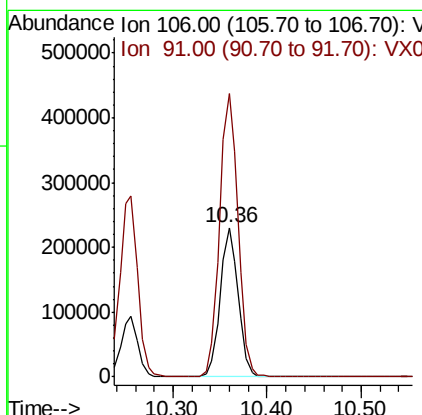
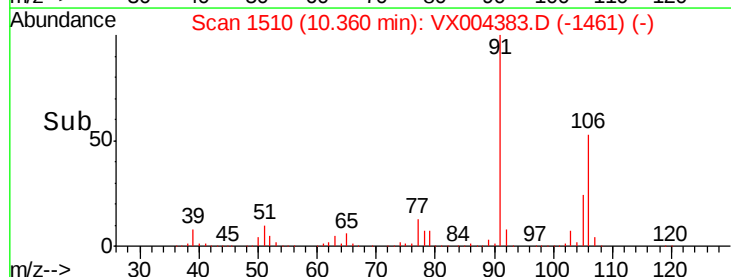
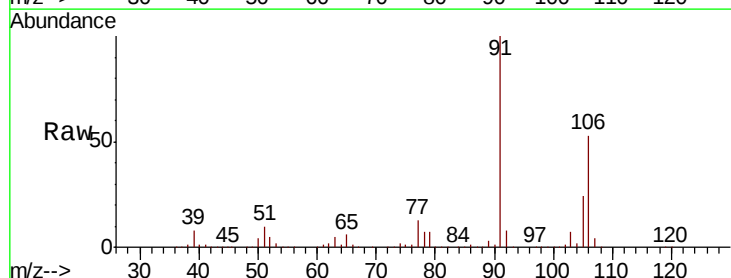
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

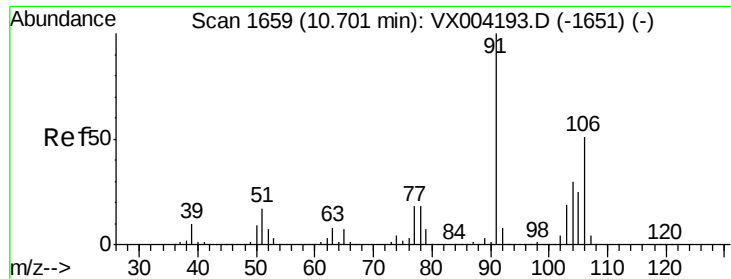
Tot Ion: 91 Resp: 378142
Ion Ratio Lower Upper
91 100
106 33.3 25.9 38.9



#68
m/p-Xylenes
Concen: 38.91 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 106 Resp: 303978
Ion Ratio Lower Upper
106 100
91 195.5 157.1 235.7

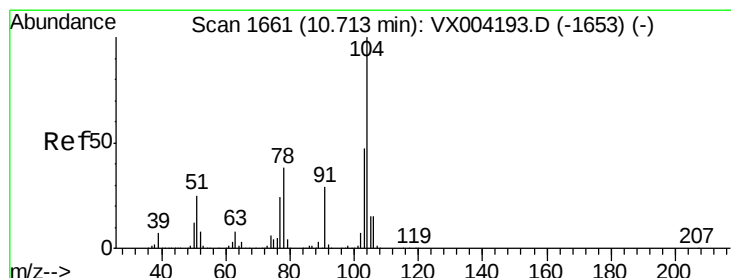
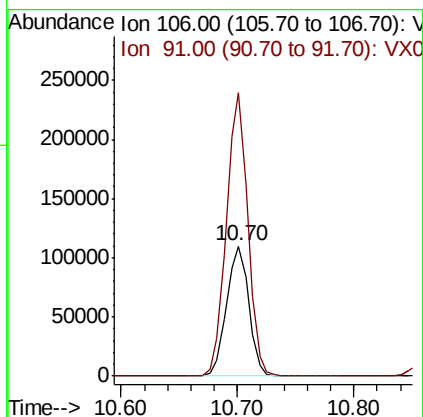
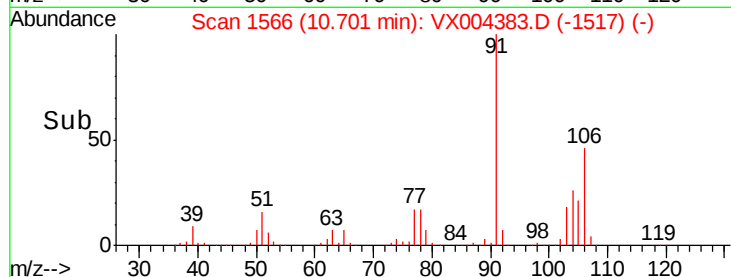
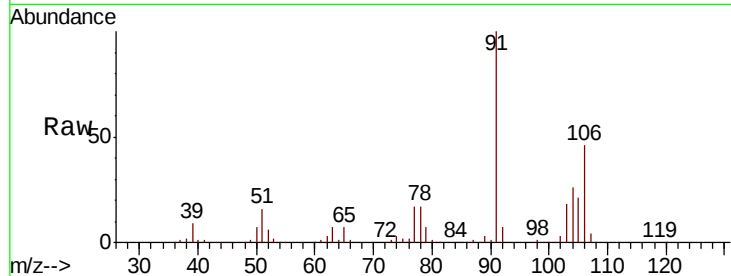




#69
o-Xylene
Concen: 19.58 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

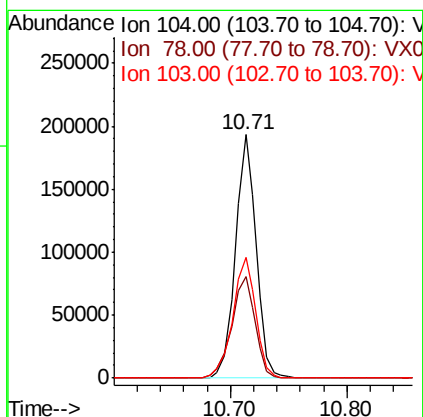
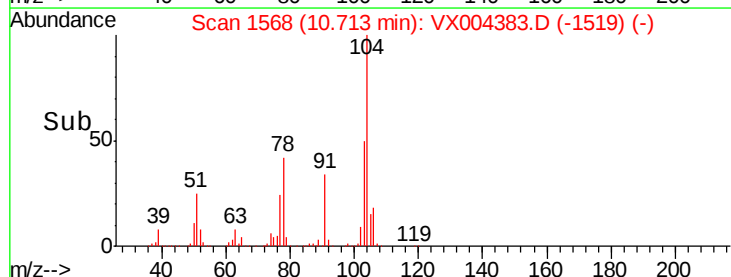
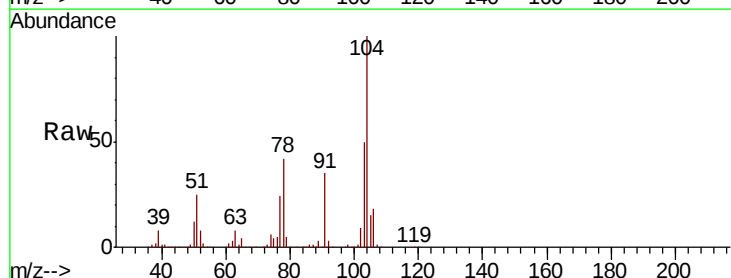
Instrument :
MSVOA_X
ClientSampled :
VX0906MBS01

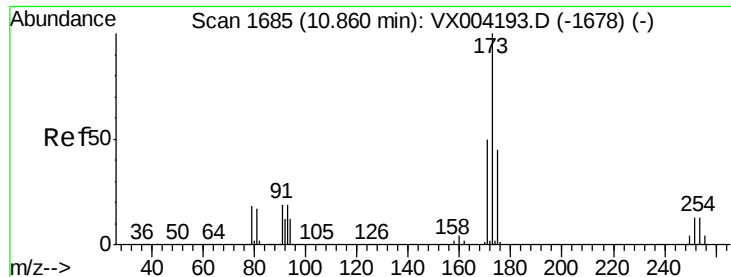
Tot Ion:106 Resp: 144692
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.1



#70
Styrene
Concen: 20.09 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion:104 Resp: 240307
Ion Ratio Lower Upper
104 100
78 47.5 37.4 56.0
103 54.7 43.8 65.6





#71

Bromoform

Concen: 18.84 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

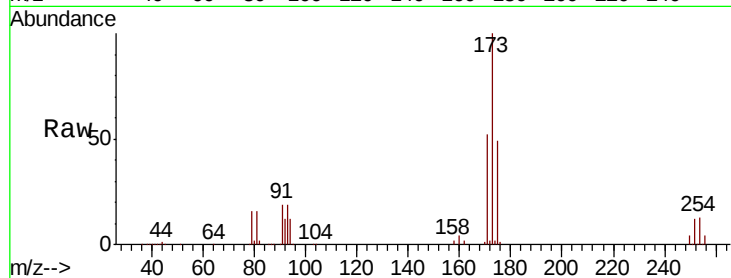
Tot Ion:173 Resp: 64427

Ion Ratio Lower Upper

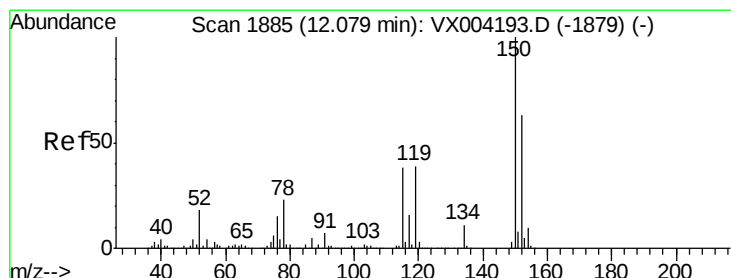
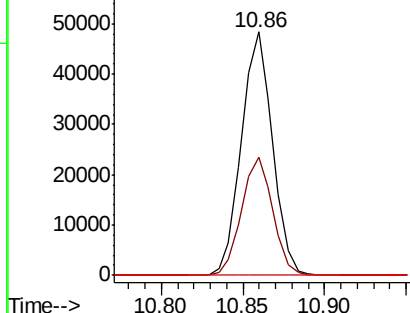
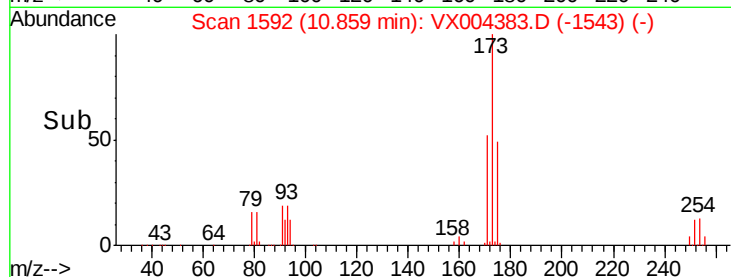
173 100

175 48.6 24.1 72.3

254 0.2 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: VX004383.D

Acq: 06 Sep 2018 14:25

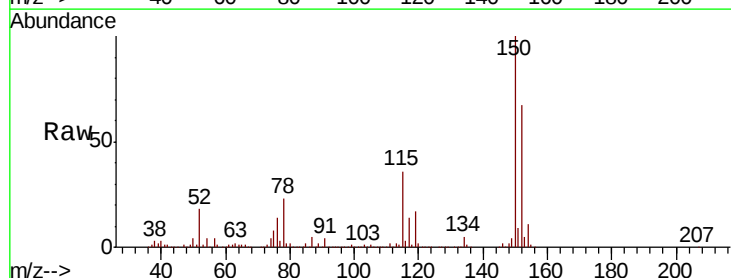
Tgt Ion:152 Resp: 289095

Ion Ratio Lower Upper

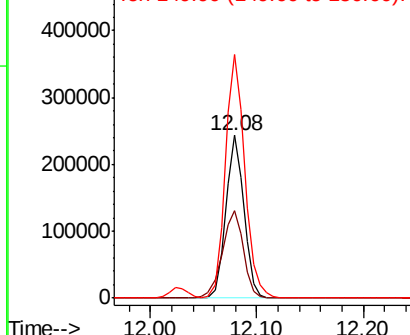
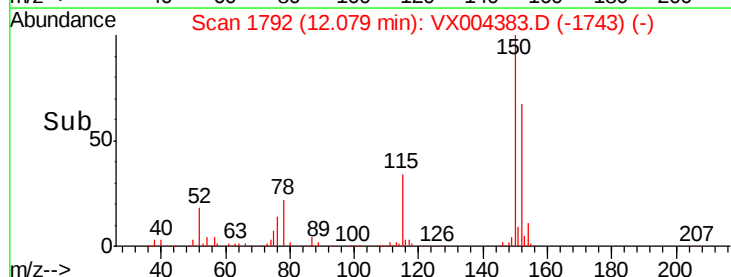
152 100

115 62.4 39.0 117.0

150 160.6 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: 21.02 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

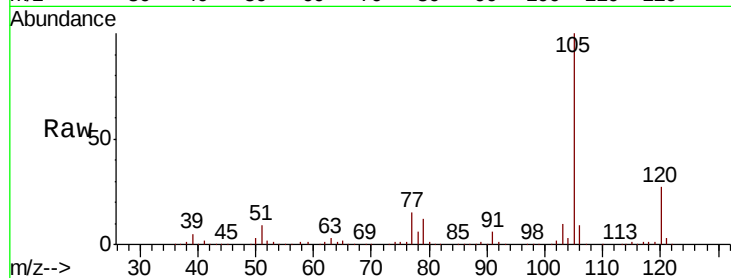
VX0906MBS01

Tot Ion:105 Resp: 399032

Ion Ratio Lower Upper

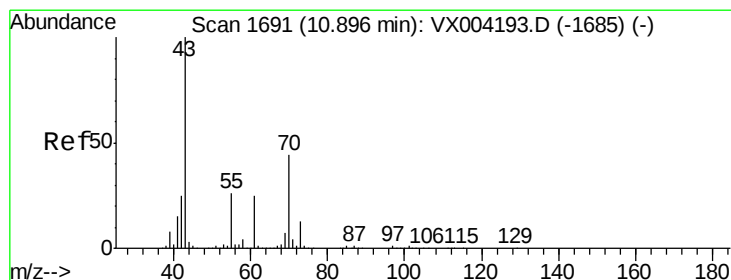
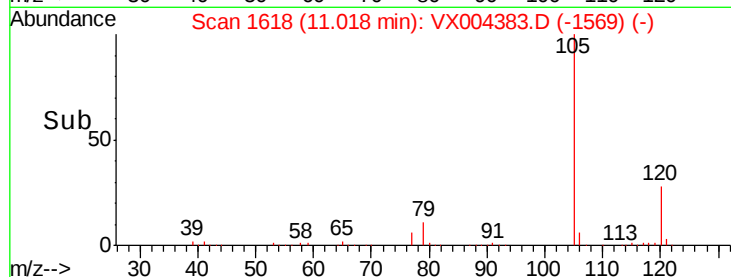
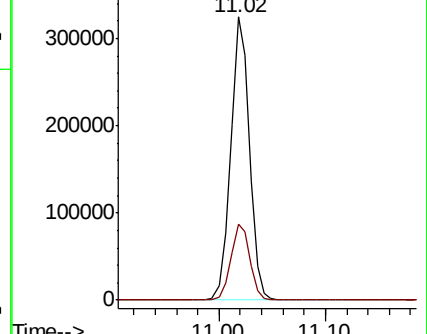
105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.99 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Tgt Ion: 43 Resp: 146148

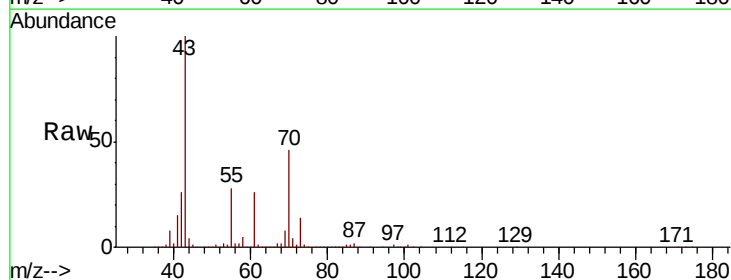
Ion Ratio Lower Upper

43 100

70 46.6 37.4 56.0

55 28.0 21.8 32.8

61 25.9 20.6 30.8

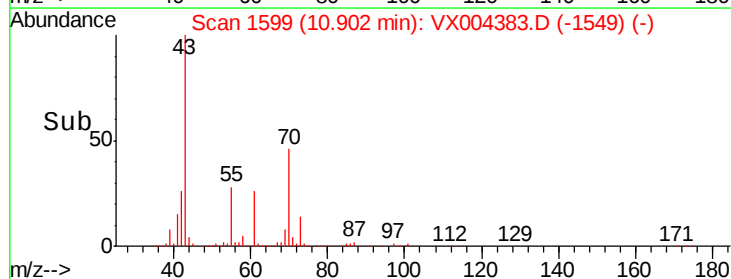
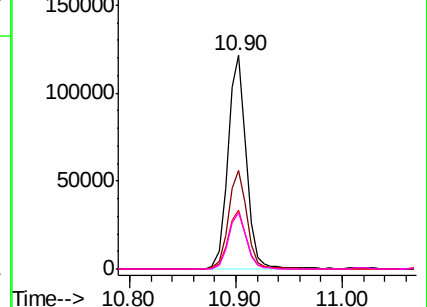


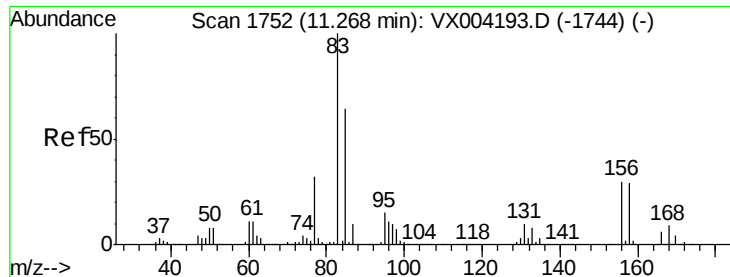
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.96 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampled :

VX0906MBS01

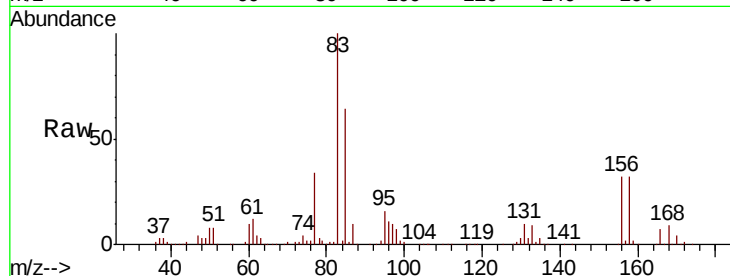
Tot Ion: 83 Resp: 132647

Ion Ratio Lower Upper

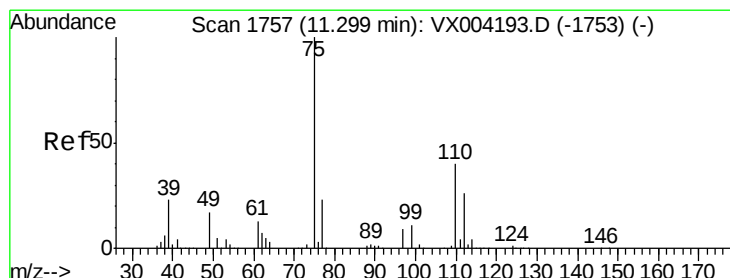
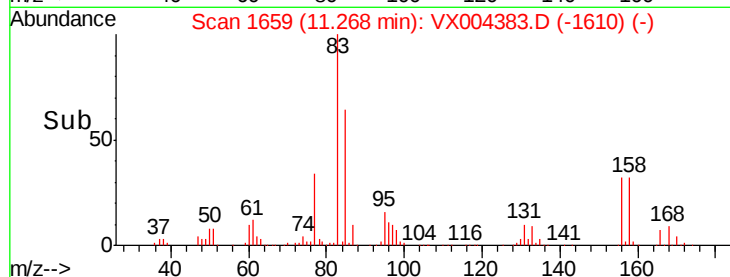
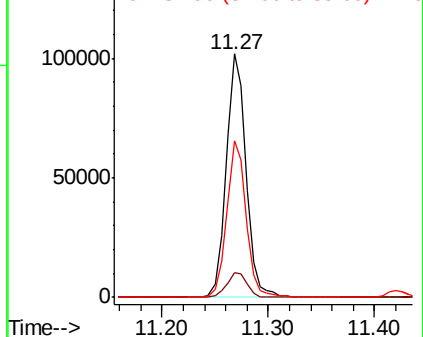
83 100

131 10.5 5.2 15.6

85 63.3 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: 25.73 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004383.D

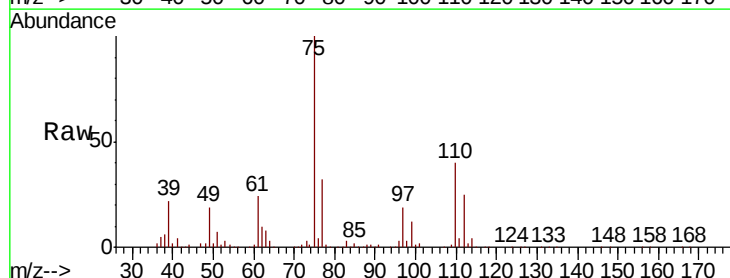
Acq: 06 Sep 2018 14:25

Tgt Ion: 75 Resp: 151258

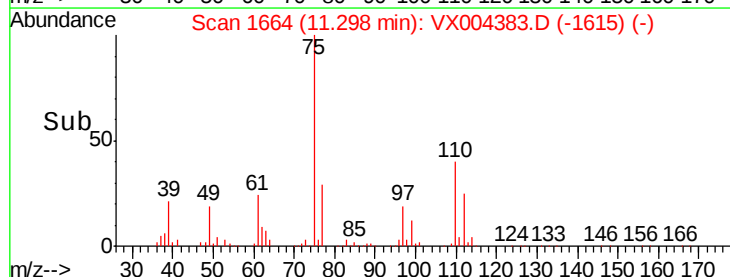
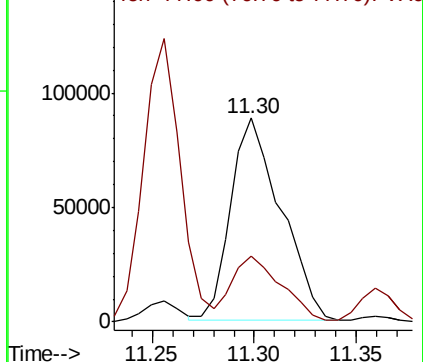
Ion Ratio Lower Upper

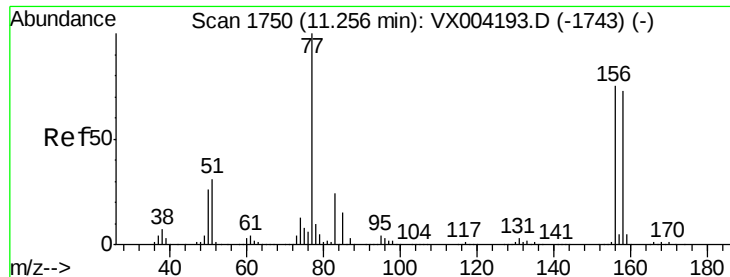
75 100

77 32.3 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: 20.37 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

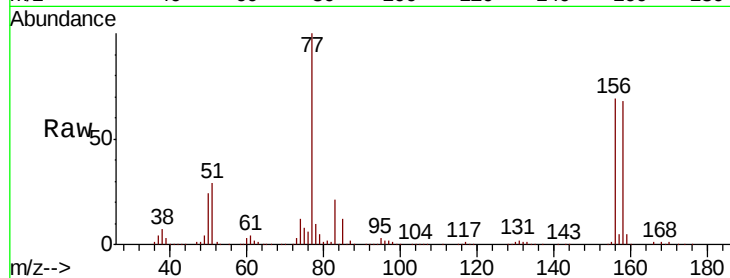
Tot Ion:156 Resp: 108513

Ion Ratio Lower Upper

156 100

77 143.9 71.5 214.3

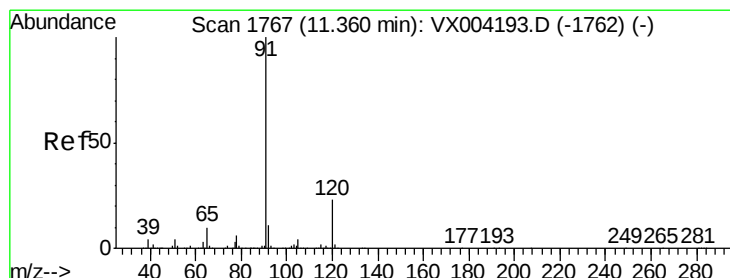
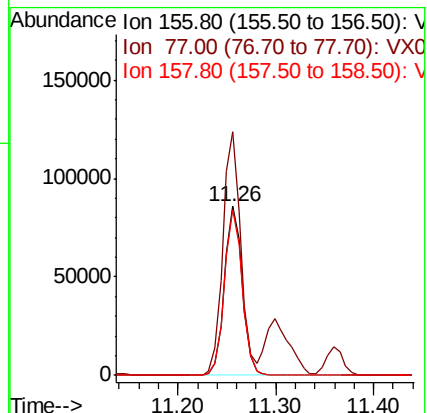
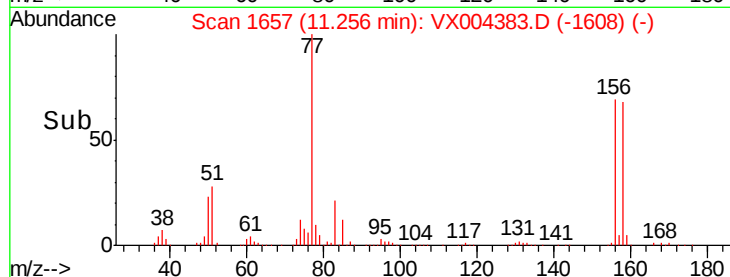
158 97.8 48.9 146.8



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: 20.88 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004383.D

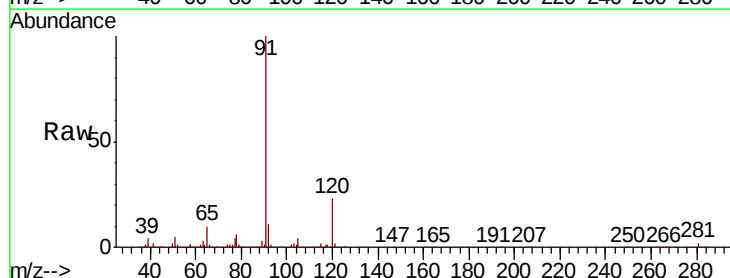
Acq: 06 Sep 2018 14:25

Tgt Ion: 91 Resp: 456008

Ion Ratio Lower Upper

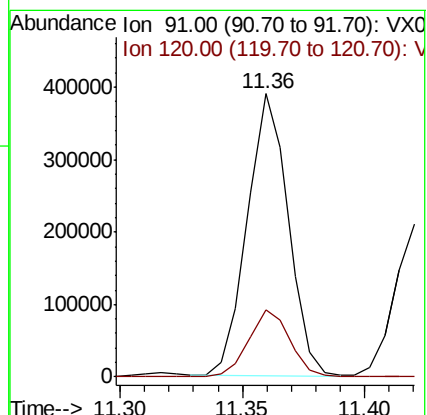
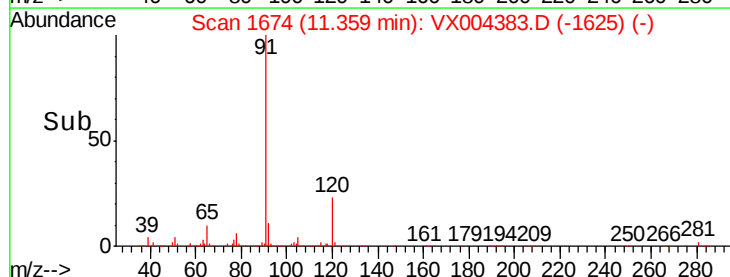
91 100

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

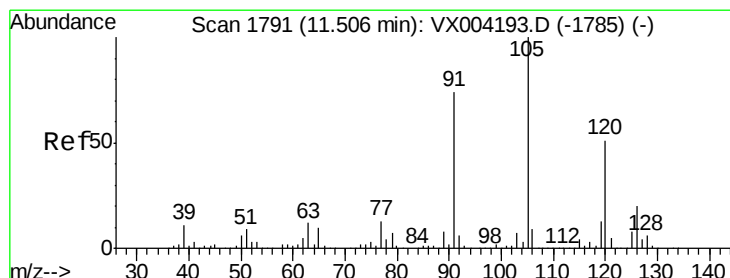
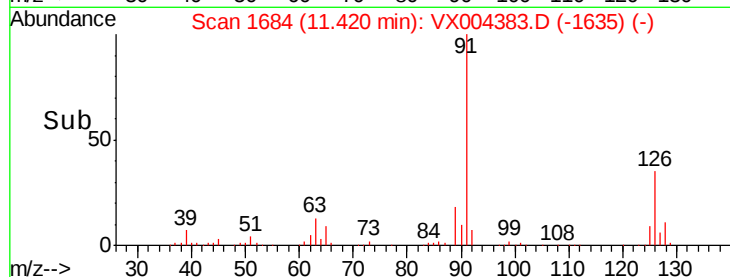
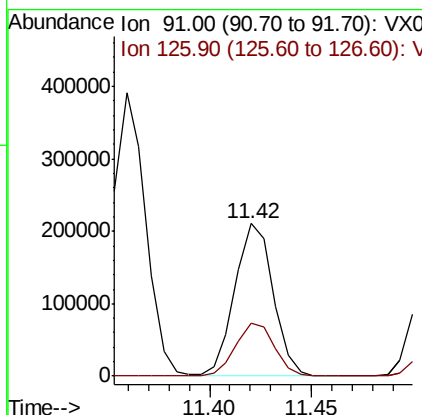
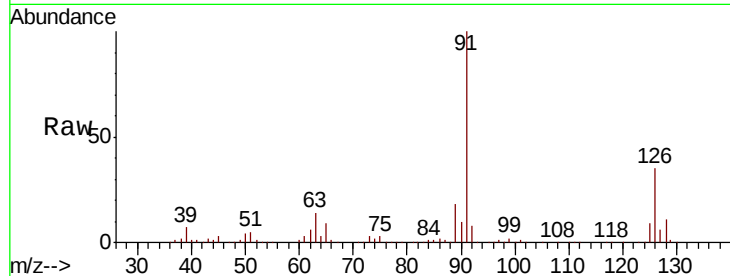




#79
 2-Chlorotoluene
 Concen: 20.23 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

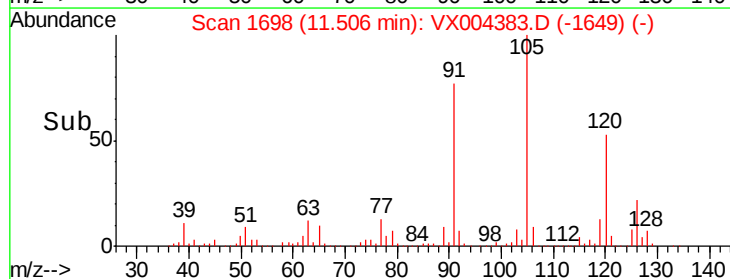
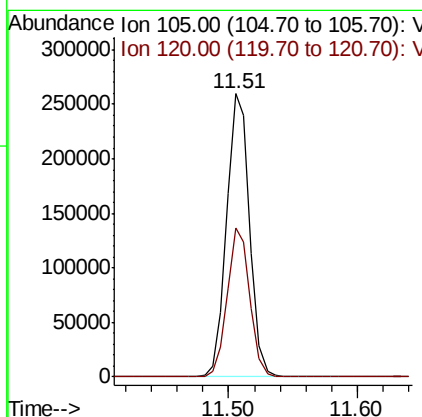
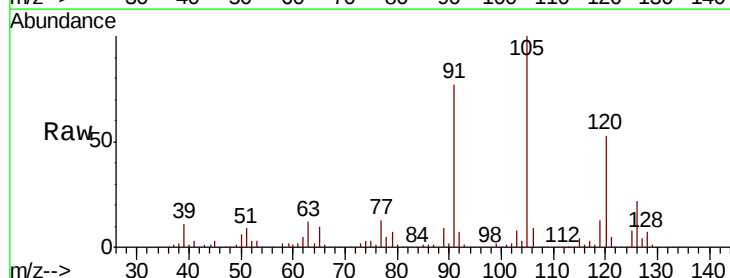
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion: 91 Resp: 271876
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.65 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion:105 Resp: 324772
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.51 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

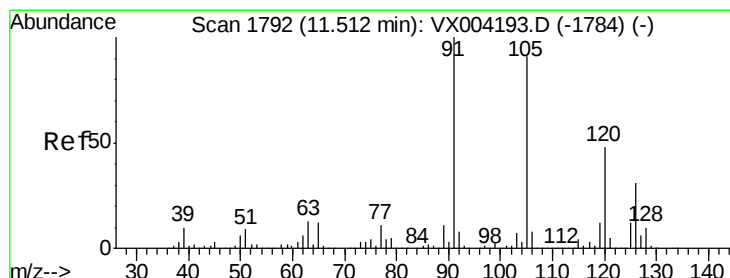
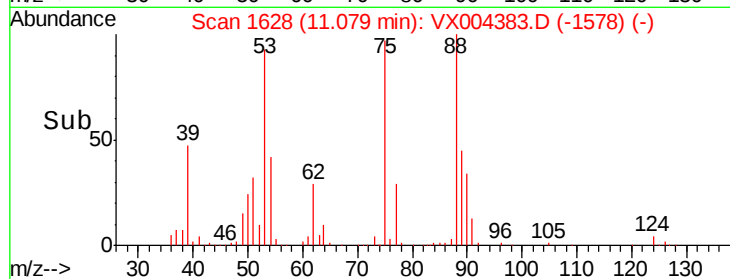
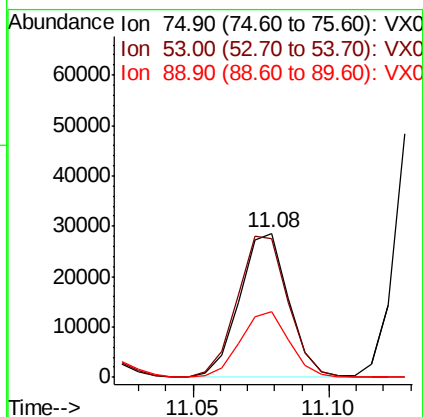
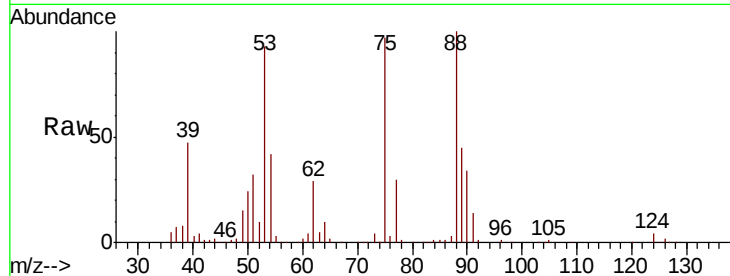
Tot Ion: 75 Resp: 35364

Ion Ratio Lower Upper

75 100

53 103.8 80.1 120.1

89 46.1 37.2 55.8



#82

4-Chlorotoluene

Concen: 20.02 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004383.D

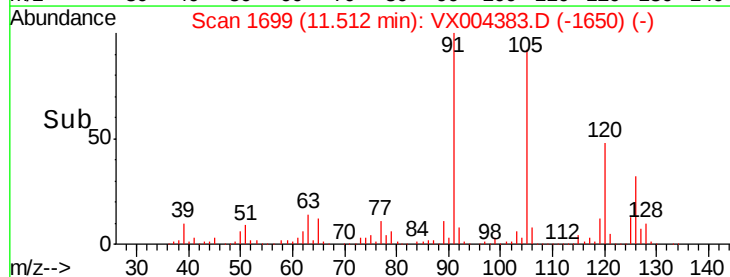
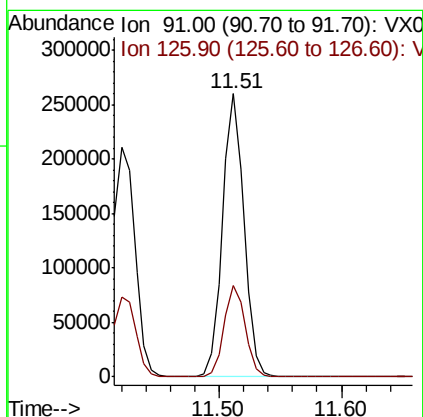
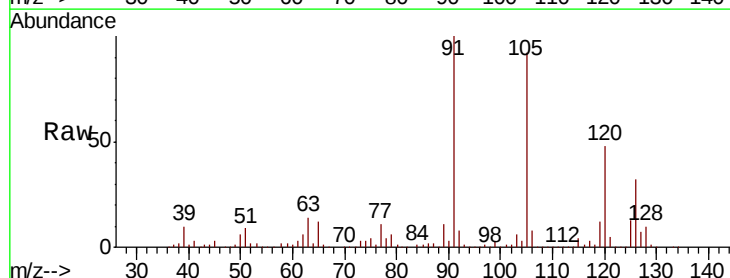
Acq: 06 Sep 2018 14:25

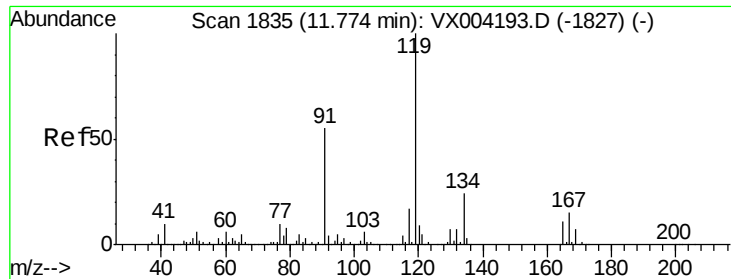
Tgt Ion: 91 Resp: 316633

Ion Ratio Lower Upper

91 100

126 31.9 15.5 46.5

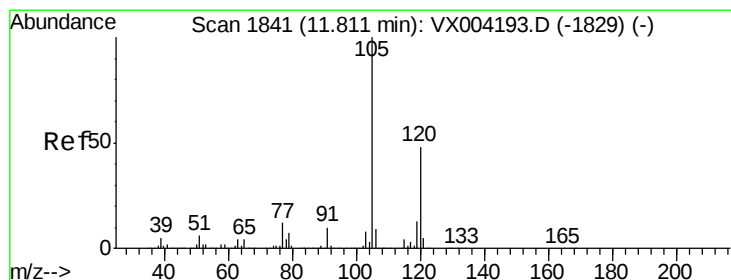
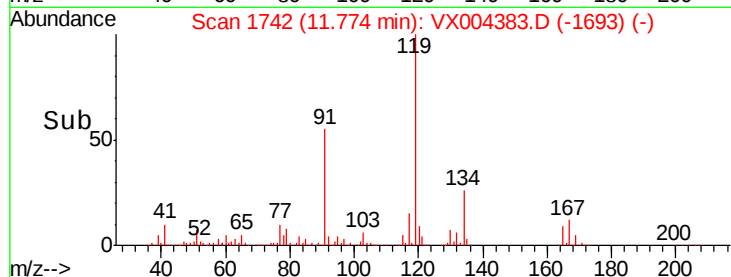
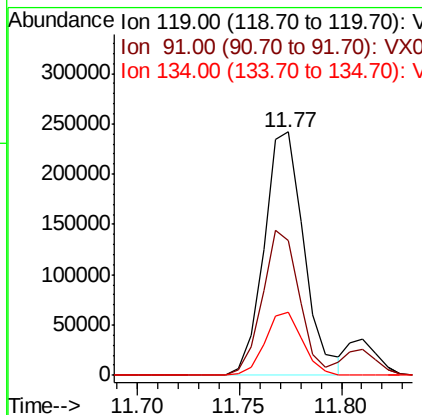
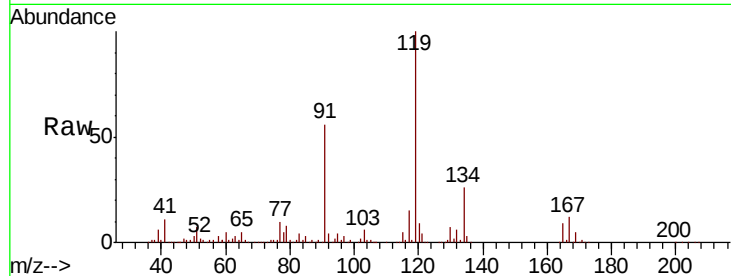




#83
tert-Butylbenzene
Concen: 20.87 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

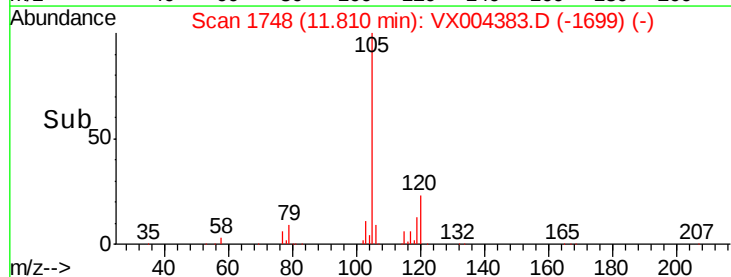
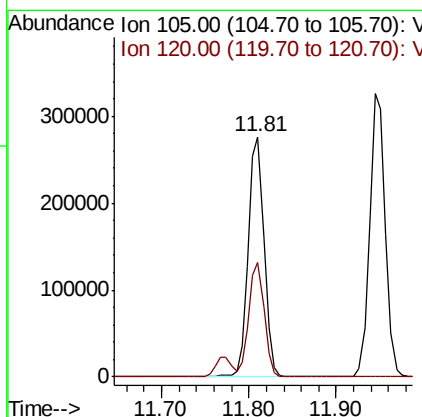
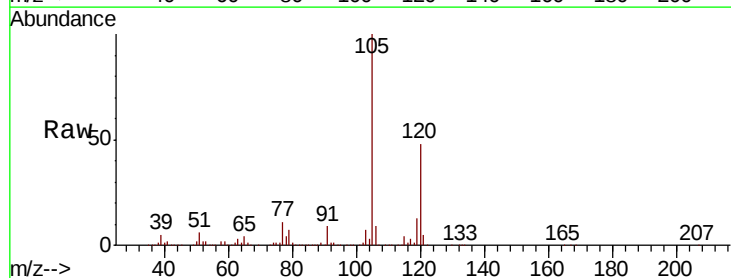
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion:119 Resp: 330096
Ion Ratio Lower Upper
119 100
91 55.3 27.0 81.0
134 24.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.30 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion:105 Resp: 343859
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.70 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

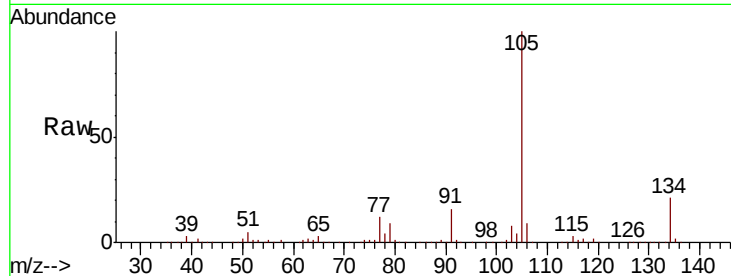
VX0906MBS01

Tot Ion:105 Resp: 407579

Ion Ratio Lower Upper

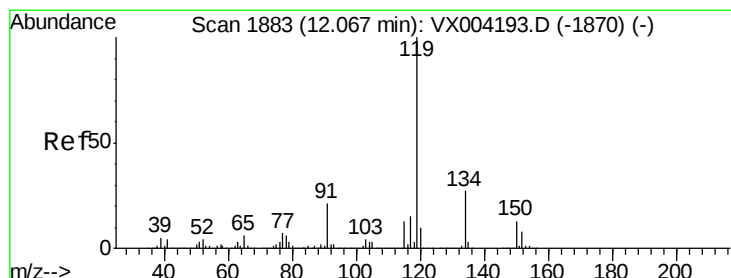
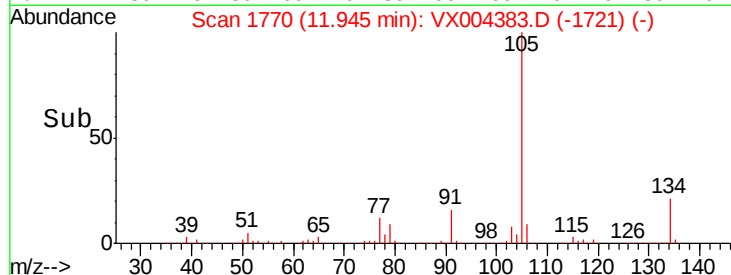
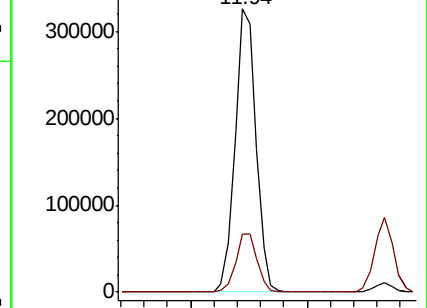
105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.04 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

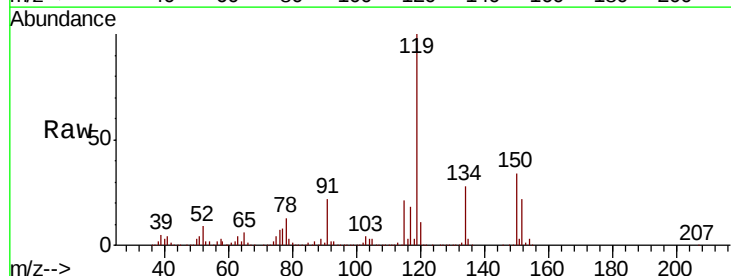
Tgt Ion:119 Resp: 354214

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

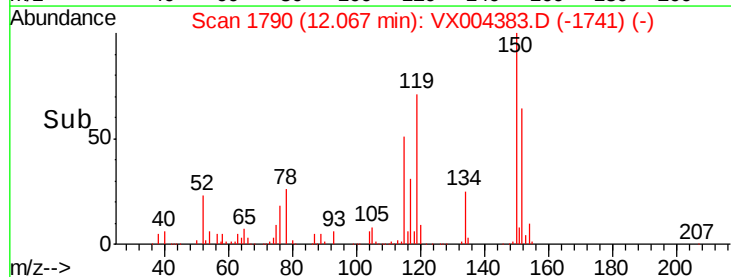
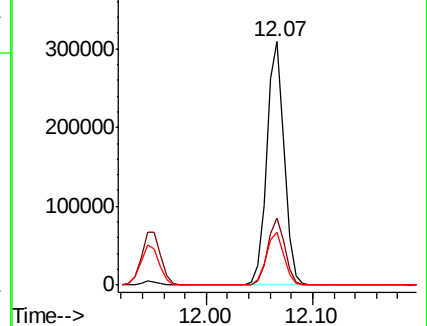
91 22.3 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

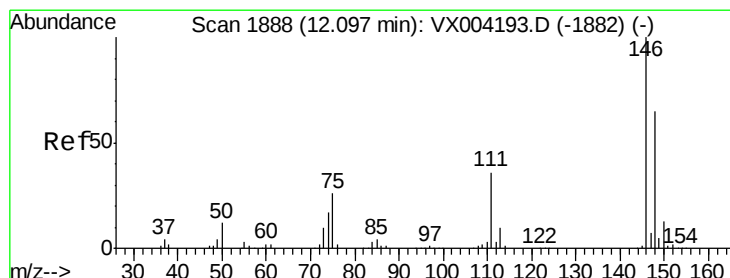
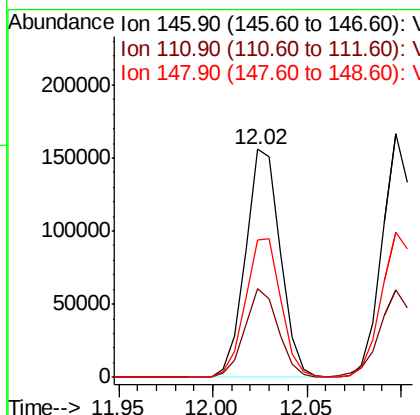
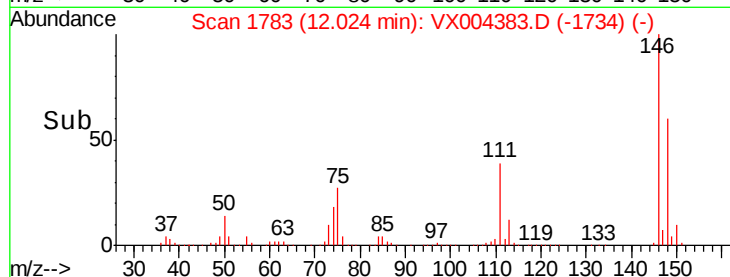
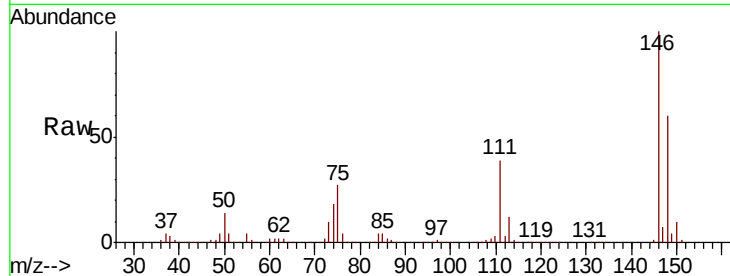




#87
 1,3-Dichlorobenzene
 Concen: 19.95 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

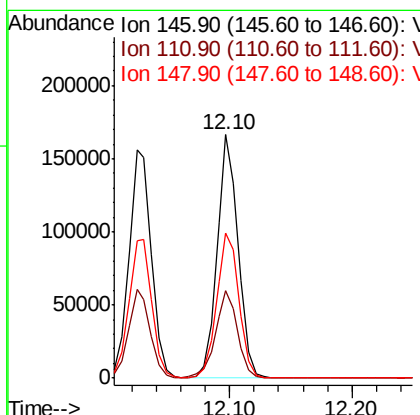
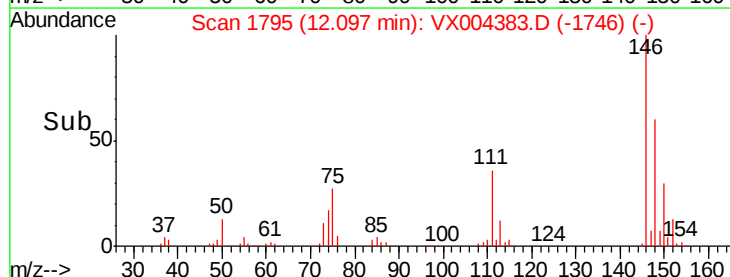
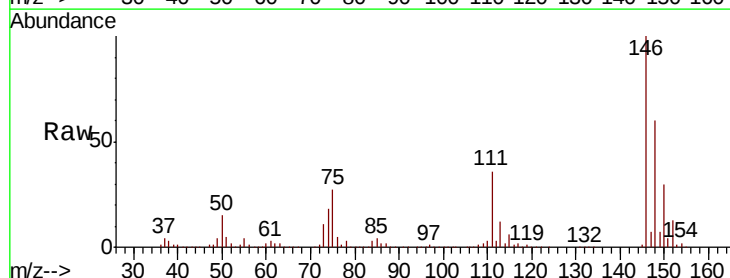
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

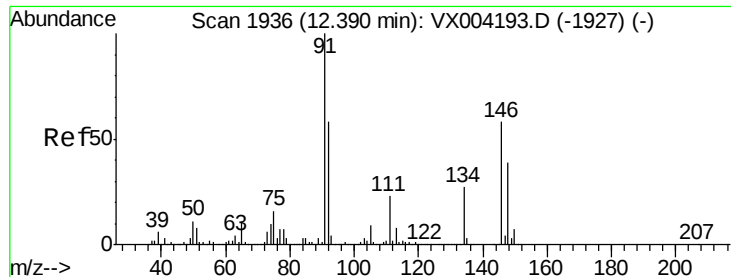
Tot Ion:146 Resp: 200091
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 62.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.76 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion:146 Resp: 198375
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.1 54.1
 148 63.3 32.0 96.0

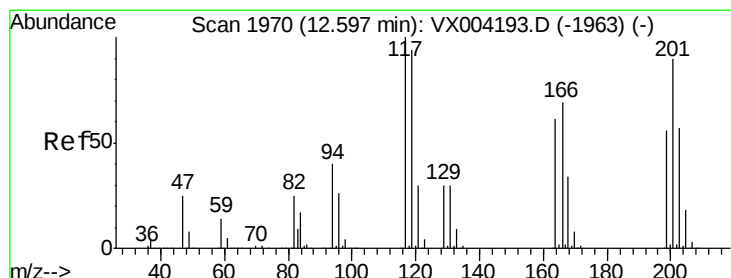
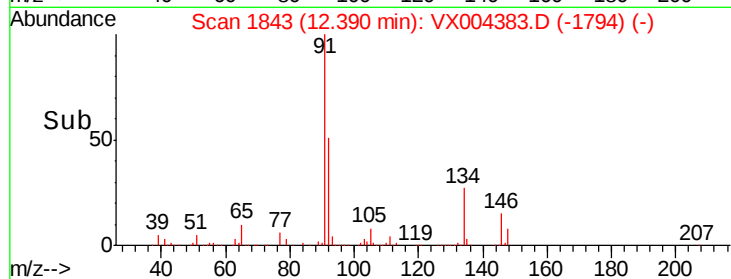
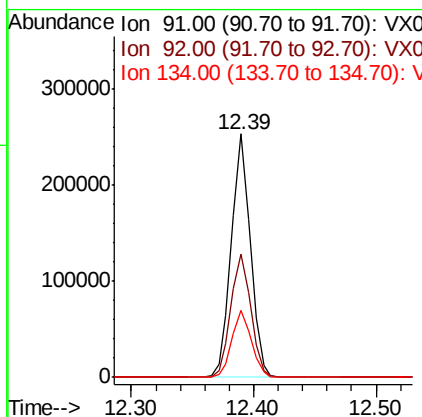
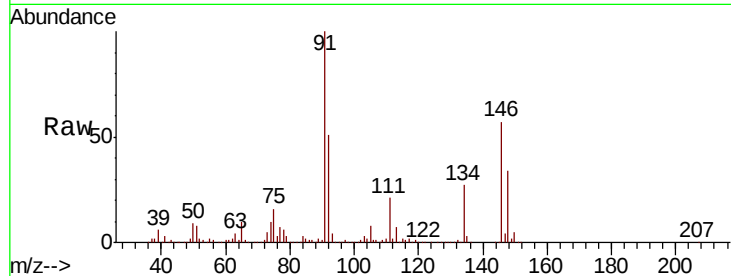




#89
n-Butylbenzene
Concen: 19.92 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

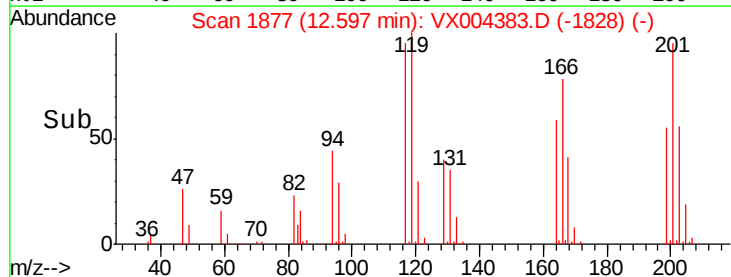
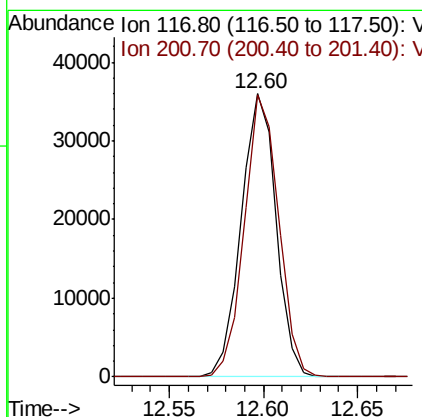
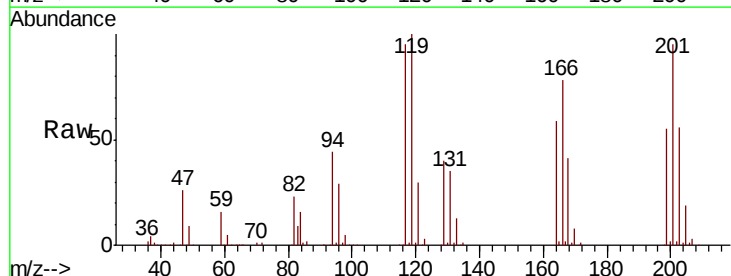
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

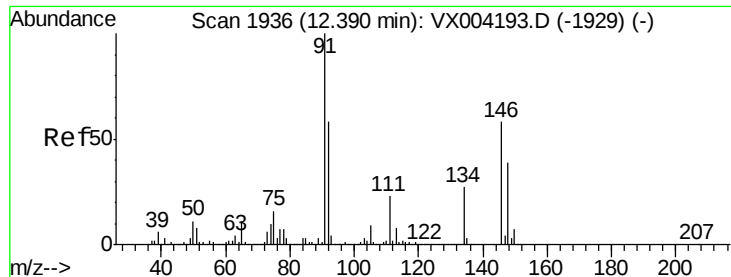
Tot Ion: 91 Resp: 272719
Ion Ratio Lower Upper
91 100
92 53.2 27.3 81.9
134 27.9 13.6 40.7



#90
Hexachloroethane
Concen: 19.63 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 117 Resp: 46178
Ion Ratio Lower Upper
117 100
201 97.8 46.9 140.6

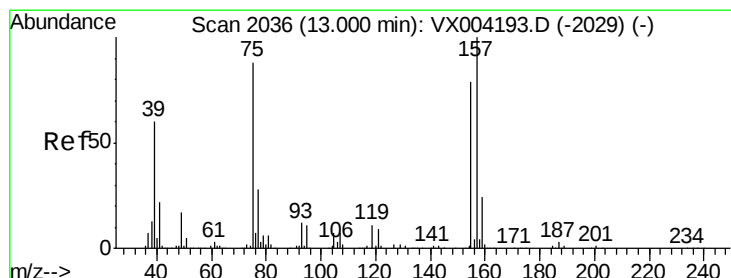
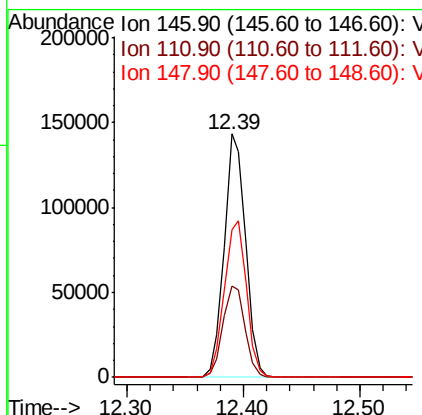
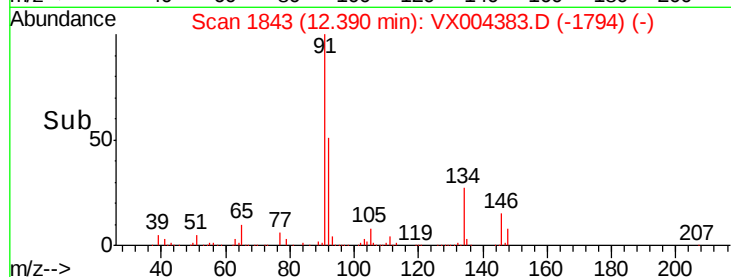
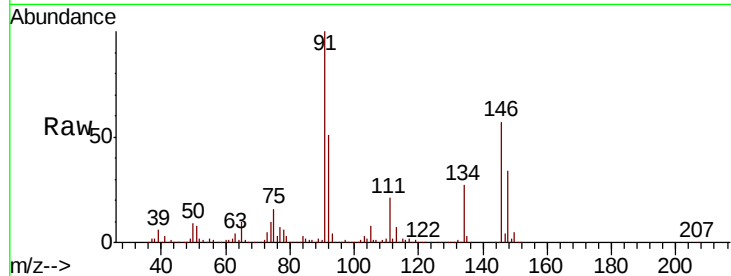




#91
 1,2-Dichlorobenzene
 Concen: 19.90 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

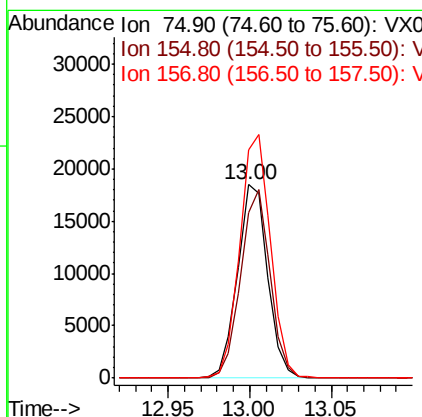
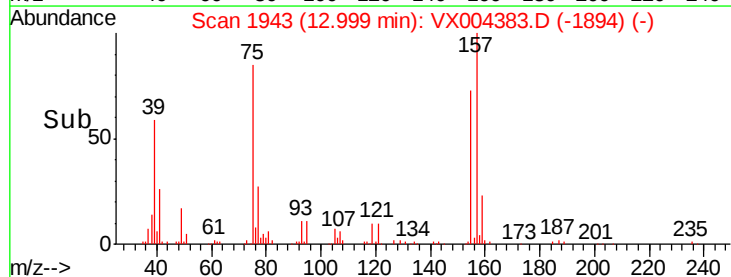
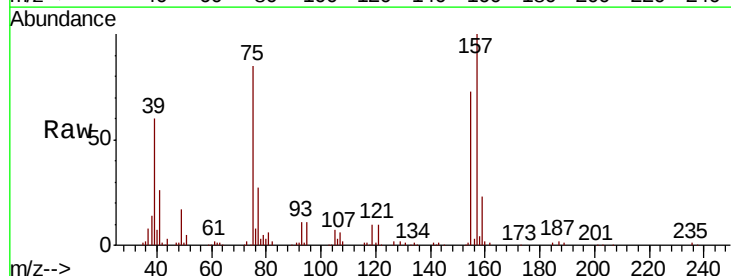
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

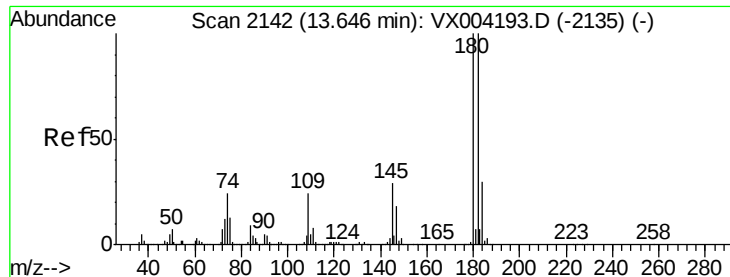
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	66.3	32.8	98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.35 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.3	48.0	144.2
157	128.1	61.4	184.1

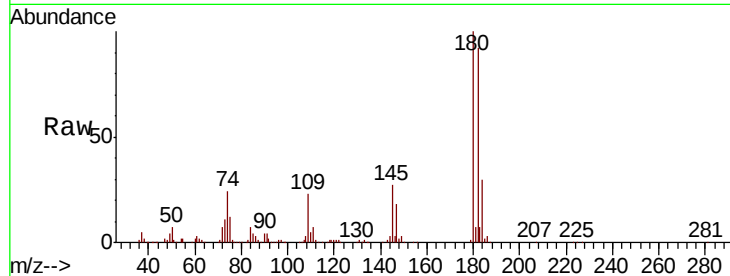




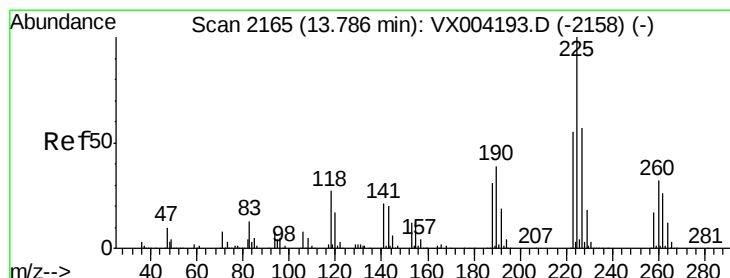
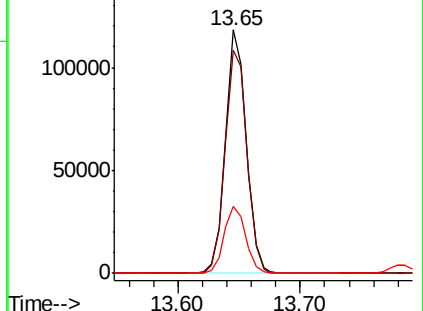
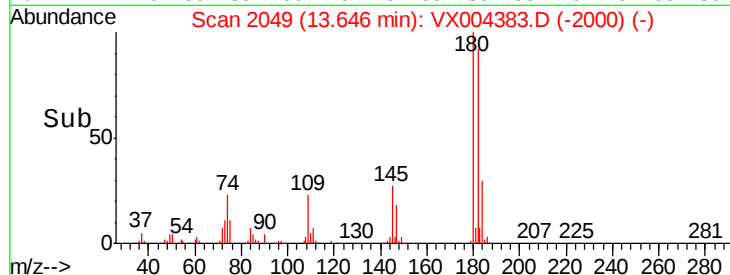
#93
 1,2,4-Trichlorobenzene
 Concen: 20.79 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion:180 Resp: 138655
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.4 145.0
 145 28.6 14.3 42.9

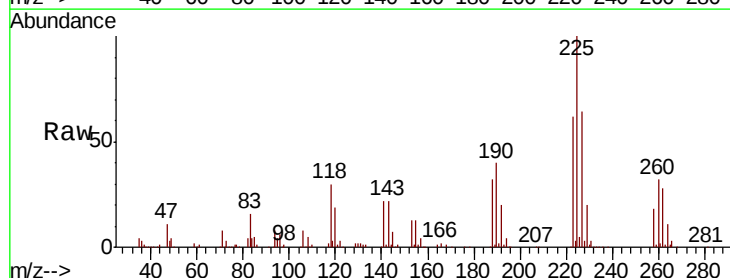


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

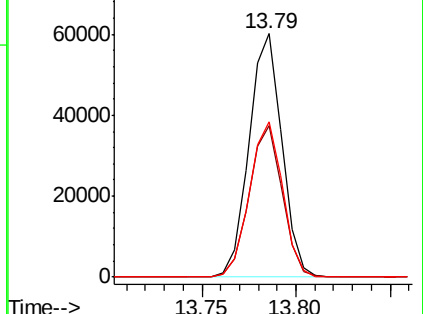
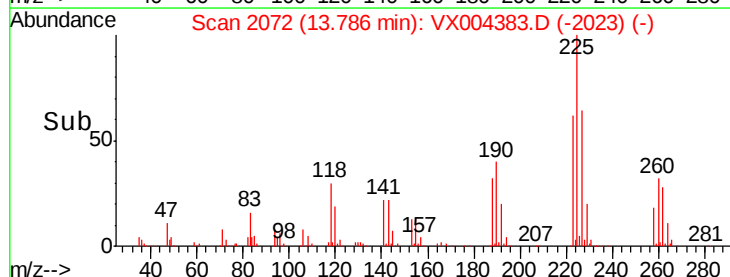


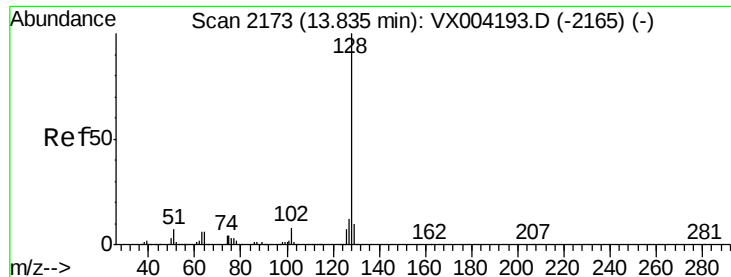
#94
 Hexachlorobutadiene
 Concen: 23.35 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion:225 Resp: 72665
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.1 90.5
 227 64.2 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: 22.33 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

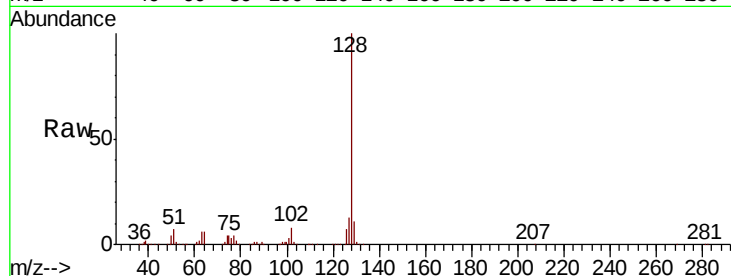
Tot Ion:128 Resp: 421132

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

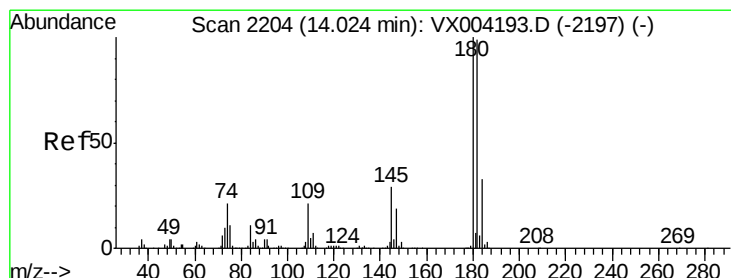
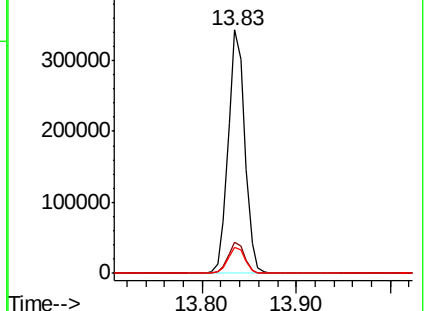
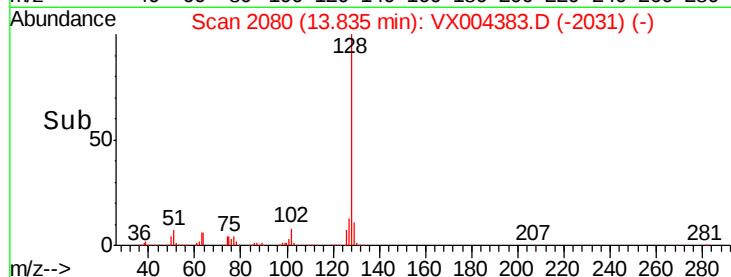
129 10.9 8.6 12.8



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: 21.22 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

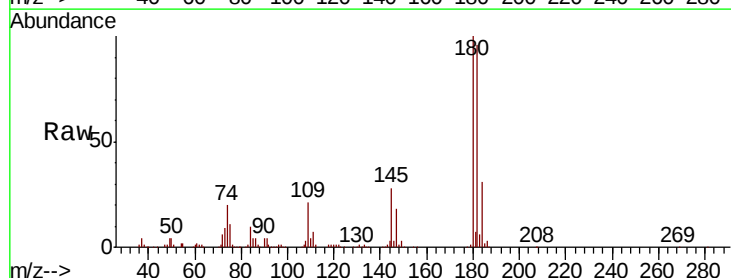
Tgt Ion:180 Resp: 149809

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 29.5 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

