

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006418.D
 Acq On : 11 Dec 2018 14:11
 Operator : JC/MD
 Sample : VX1211WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 12 04:35:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	673484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	991223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	903850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	468792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	335768	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	5.50	113	315057	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	8.71	98	1155383	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	438330	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	123351	18.706	ug/l	100
3) Chloromethane	1.33	50	118442	17.478	ug/l	93
4) Vinyl Chloride	1.41	62	131258	17.997	ug/l	98
5) Bromomethane	1.64	94	114460	22.645	ug/l	99
6) Chloroethane	1.72	64	86390	19.319	ug/l	95
7) Trichlorofluoromethane	1.93	101	207968	18.576	ug/l	98
8) Diethyl Ether	2.19	74	78538	18.536	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121045	19.014	ug/l	99
10) Methyl Iodide	2.51	142	180008	18.763	ug/l	97
11) Tert butyl alcohol	3.07	59	177749	94.537	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112773	18.505	ug/l	94
13) Acrolein	2.29	56	98524	95.873	ug/l	100
14) Allyl chloride	2.73	41	200298	16.638	ug/l	97
15) Acrylonitrile	3.15	53	369339	94.134	ug/l	99
16) Acetone	2.45	43	316809	98.190	ug/l	98
17) Carbon Disulfide	2.57	76	280211	14.922	ug/l	100
18) Methyl Acetate	2.78	43	213473	19.784	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	414323	19.058	ug/l	100
20) Methylene Chloride	2.86	84	128952	18.779	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	118199	18.200	ug/l	96
22) Diisopropyl ether	3.87	45	357145	18.994	ug/l	92
23) Vinyl Acetate	3.82	43	1456527	90.819	ug/l	100
24) 1,1-Dichloroethane	3.70	63	205820	19.151	ug/l	99
25) 2-Butanone	4.70	43	442208	96.054	ug/l	96
26) 2,2-Dichloropropane	4.59	77	171233	17.264	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	142203	19.630	ug/l	96
28) Bromochloromethane	5.02	49	92076	19.614	ug/l	97
29) Tetrahydrofuran	5.15	42	294556	92.061	ug/l	97
30) Chloroform	5.21	83	219215	19.409	ug/l	97
31) Cyclohexane	5.57	56	178302	17.952	ug/l #	90
32) 1,1,1-Trichloroethane	5.50	97	197509	18.380	ug/l	99
36) 1,1-Dichloropropene	5.80	75	153914	18.439	ug/l	100
37) Ethyl Acetate	4.85	43	171474	18.344	ug/l	98
38) Carbon Tetrachloride	5.79	117	171343	17.449	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	200343	18.491	ug/l	98
40) Benzene	6.14	78	484073	19.363	ug/l	99
41) Methacrylonitrile	5.06	41	94210	18.316	ug/l	98
42) 1,2-Dichloroethane	6.20	62	161193	19.701	ug/l	99
43) Isopropyl Acetate	6.46	43	281933	18.090	ug/l	99
44) Trichloroethene	7.21	130	146967	19.405	ug/l	94
45) 1,2-Dichloropropane	7.52	63	119570	18.818	ug/l	98
46) Dibromomethane	7.66	93	88373	19.258	ug/l	98
47) Bromodichloromethane	7.90	83	154881	17.429	ug/l	99
48) Methyl methacrylate	7.77	41	136875	18.053	ug/l	97
49) 1,4-Dioxane	7.75	88	74969	401.181	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	871877	96.097	ug/l	98
52) Toluene	8.78	92	316728	19.257	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170567	16.412	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	190318	17.635	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	135951	20.346	ug/l	99
56) Ethyl methacrylate	9.18	69	197976	18.952	ug/l	97
57) 1,3-Dichloropropane	9.37	76	211475	20.014	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	505633	95.387	ug/l	99
59) 2-Hexanone	9.49	43	661504	95.432	ug/l	98
60) Dibromochloromethane	9.59	129	136571	16.575	ug/l	100
61) 1,2-Dibromoethane	9.67	107	141155	18.893	ug/l	99
64) Tetrachloroethene	9.34	164	134739	19.795	ug/l	98
65) Chlorobenzene	10.14	112	377488	19.674	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	137622	18.461	ug/l	99
67) Ethyl Benzene	10.25	91	606413	19.003	ug/l	98
68) m/p-Xylenes	10.36	106	488819	38.240	ug/l	99
69) o-Xylene	10.70	106	242150	19.178	ug/l	100
70) Styrene	10.71	104	391277	19.160	ug/l	100
71) Bromoform	10.86	173	105728	15.024	ug/l #	100
73) Isopropylbenzene	11.02	105	641071	19.802	ug/l	99
74) N-amyl acetate	10.90	43	250516	17.970	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	201601	19.465	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	228480	25.251	ug/l	86
77) Bromobenzene	11.26	156	176582	19.654	ug/l	99
78) n-propylbenzene	11.36	91	691025	19.202	ug/l	99
79) 2-Chlorotoluene	11.42	91	423510	19.800	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	532543	19.770	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57626	14.945	ug/l	89
82) 4-Chlorotoluene	11.51	91	488428	19.640	ug/l	99
83) tert-Butylbenzene	11.77	119	561614	19.541	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	564412	20.292	ug/l	100
85) sec-Butylbenzene	11.94	105	644042	19.698	ug/l	98
86) p-Isopropyltoluene	12.06	119	578565	19.651	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	314269	19.658	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	313910	19.346	ug/l	98
89) n-Butylbenzene	12.39	91	475645	18.934	ug/l	99
90) Hexachloroethane	12.60	117	95428	15.903	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	316590	19.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43788	16.493	ug/l	95

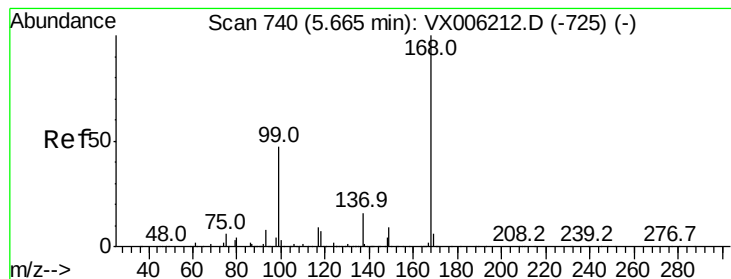
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121118\
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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	218881	18.909	ug/l	99
94) Hexachlorobutadiene	13.79	225	98909	19.322	ug/l	99
95) Naphthalene	13.83	128	706158	19.612	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	223177	19.466	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

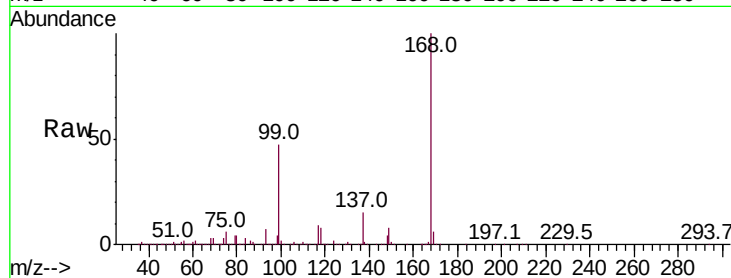
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 673484

Ion Ratio Lower Upper

168 100

99 47.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006418.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006418.D (-725) (-)

5.67

250000

200000

150000

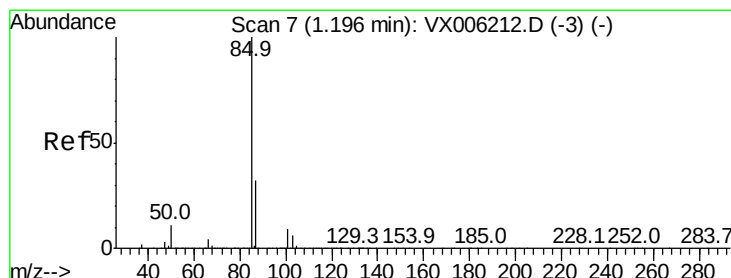
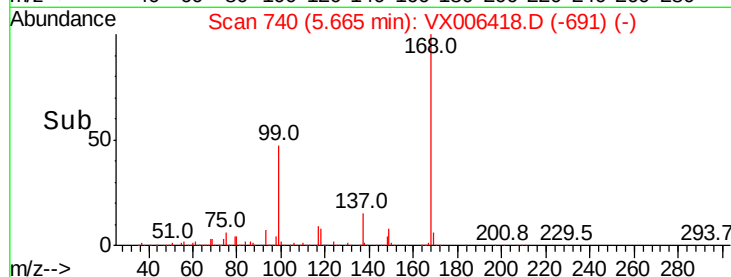
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.706 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006418.D

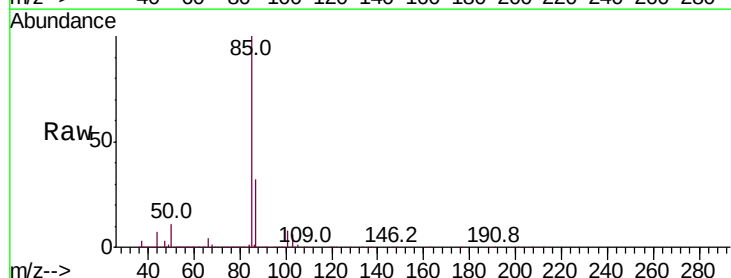
Acq: 11 Dec 2018 14:11

Tgt Ion: 85 Resp: 123351

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006418.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX006418.D (-3) (-)

1.20

120000

100000

80000

60000

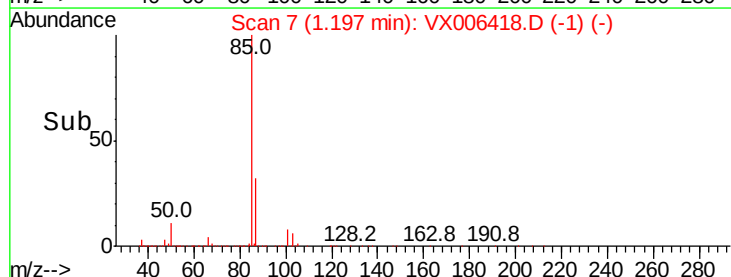
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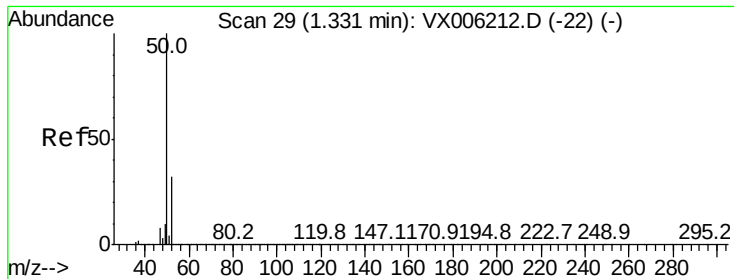
20000

0

1.15 1.20 1.25 1.30

Time-->

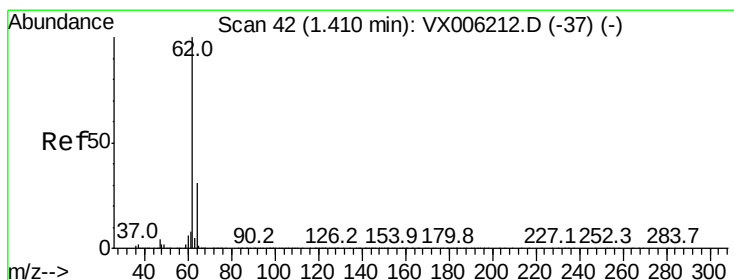
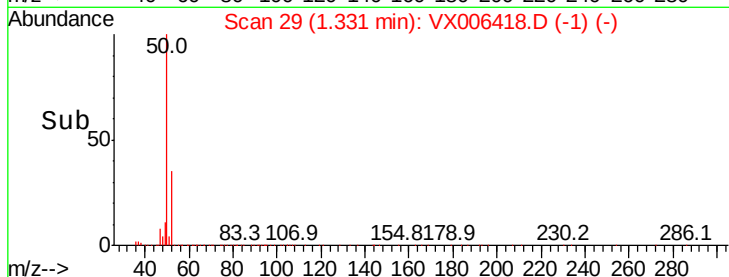
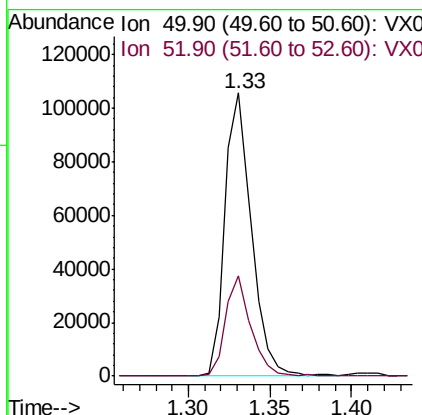
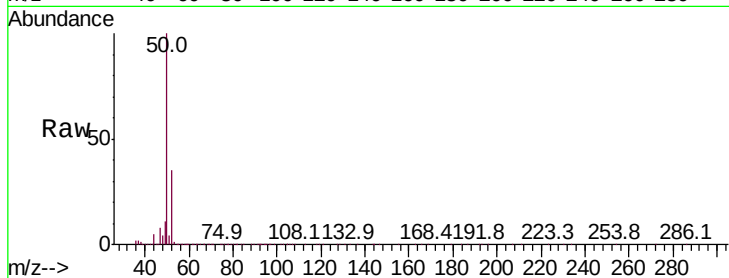




#3
Chloromethane
Concen: 17.478 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

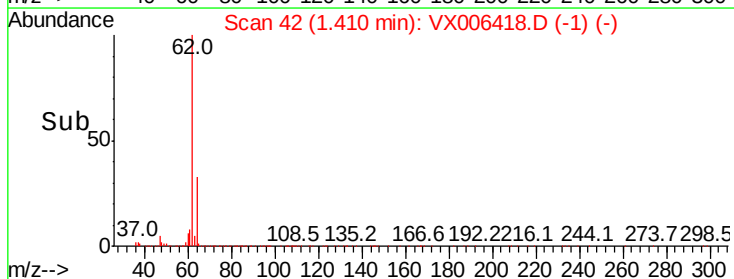
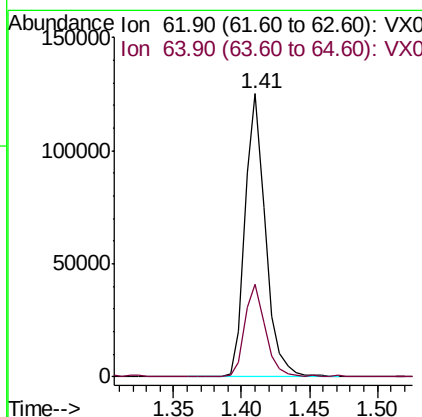
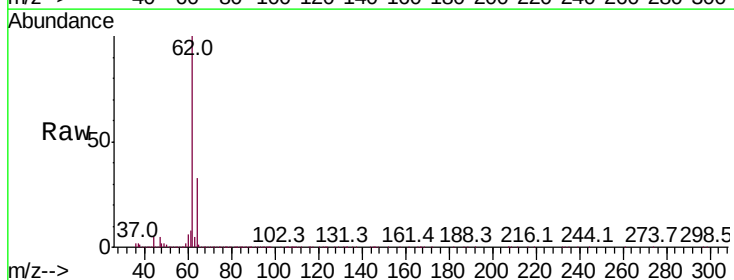
Instrument :
MSVOA_X
ClientSampleId :

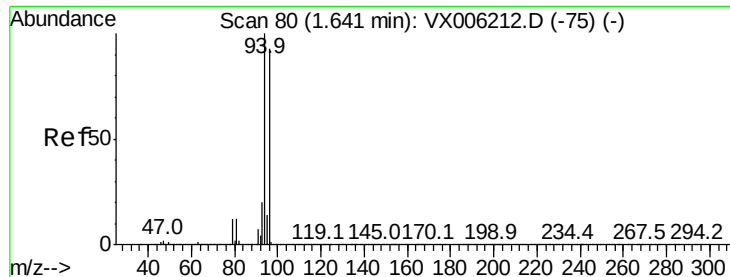
Tot Ion: 50 Resp: 118442
Ion Ratio Lower Upper
50 100
52 35.4 25.2 37.8



#4
Vinyl Chloride
Concen: 17.997 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion: 62 Resp: 131258
Ion Ratio Lower Upper
62 100
64 32.5 24.9 37.3





#5

Bromomethane

Concen: 22.645 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

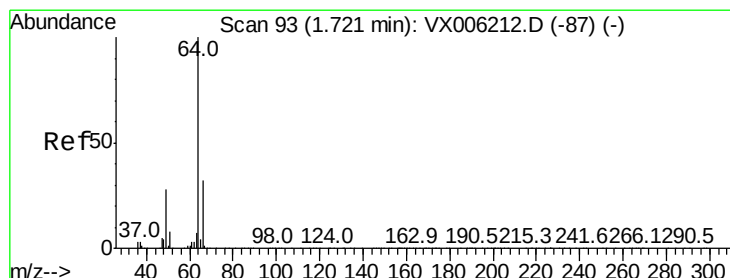
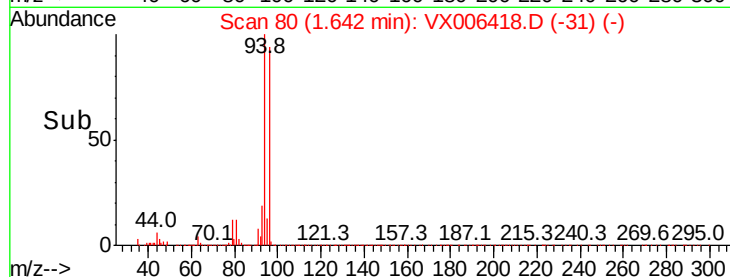
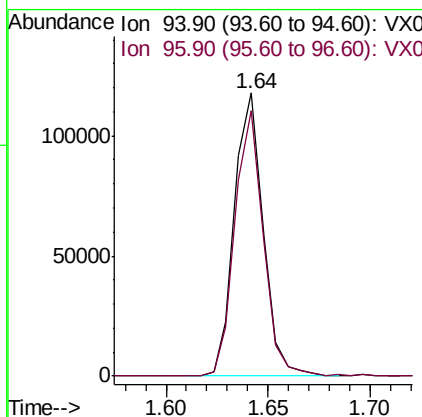
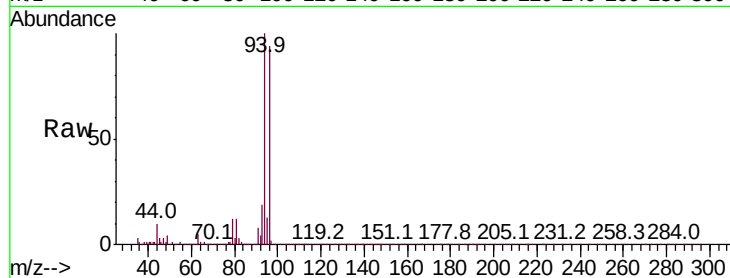
ClientSampleId :

Tot Ion: 94 Resp: 114460

Ion Ratio Lower Upper

94 100

96 93.8 74.5 111.7



#6

Chloroethane

Concen: 19.319 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006418.D

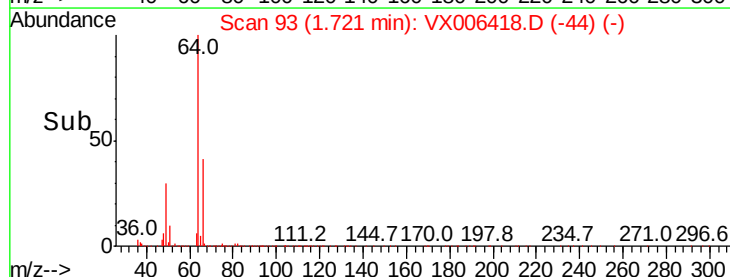
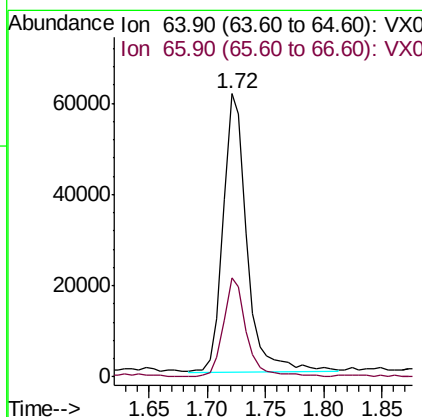
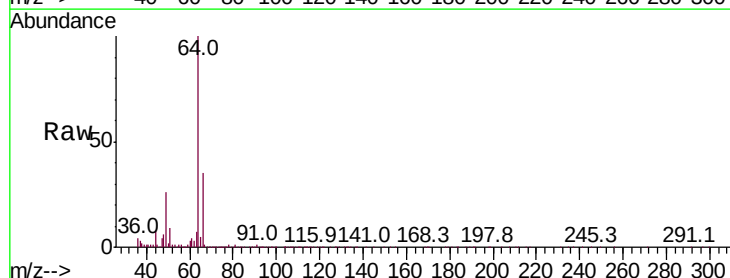
Acq: 11 Dec 2018 14:11

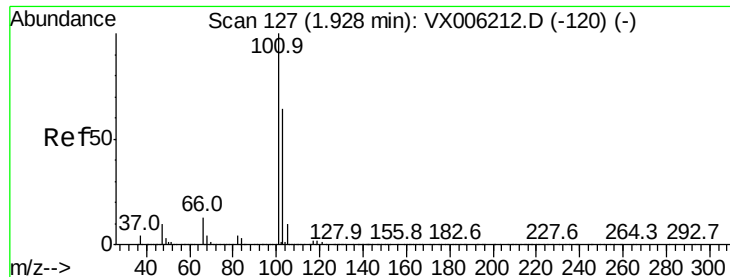
Tgt Ion: 64 Resp: 86390

Ion Ratio Lower Upper

64 100

66 35.2 25.9 38.9



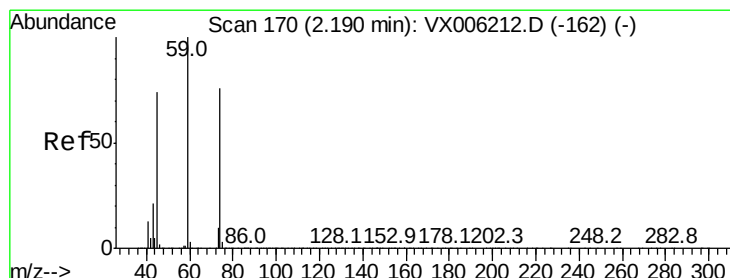
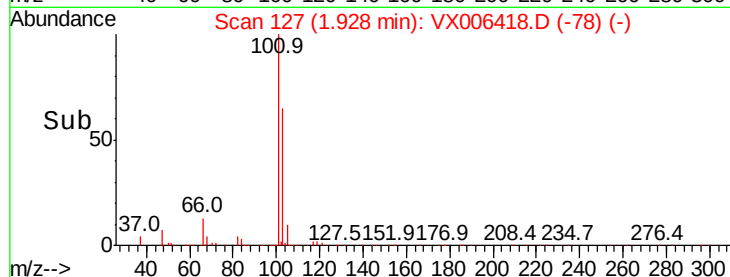
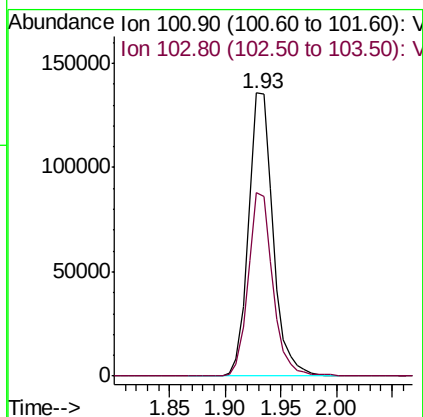
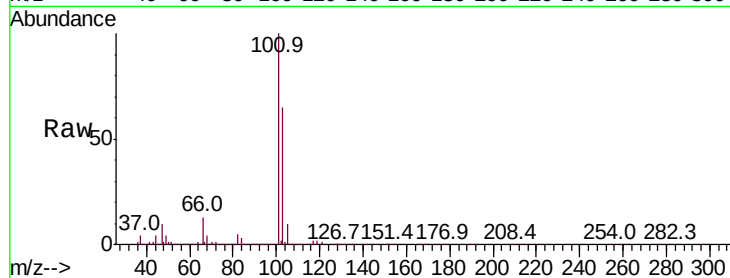


#7

Trichlorofluoromethane
Concen: 18.576 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :

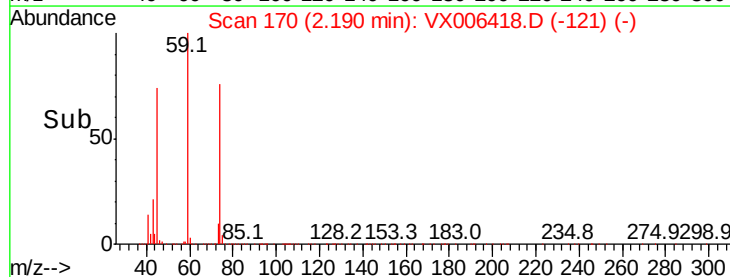
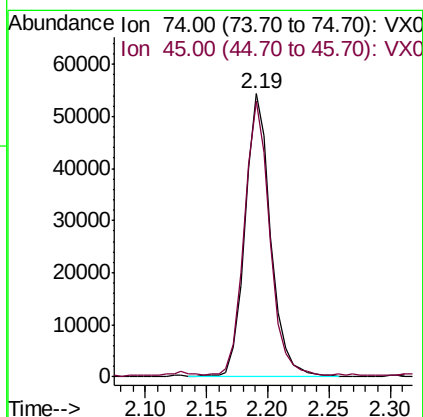
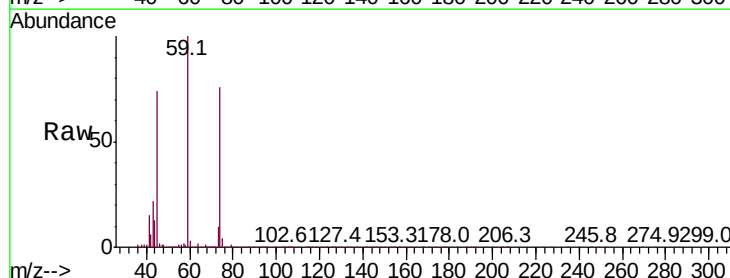
Tot Ion:101 Resp: 207968
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4

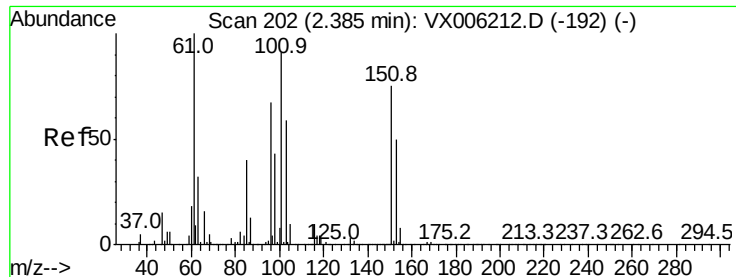


#8

Diethyl Ether
Concen: 18.536 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion: 74 Resp: 78538
Ion Ratio Lower Upper
74 100
45 96.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.014 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

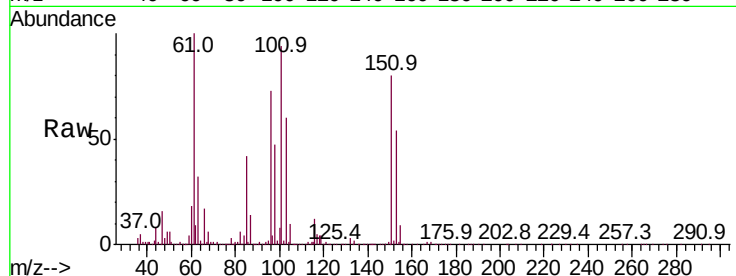
Tot Ion:101 Resp: 121045

Ion Ratio Lower Upper

101 100

85 43.5 35.5 53.3

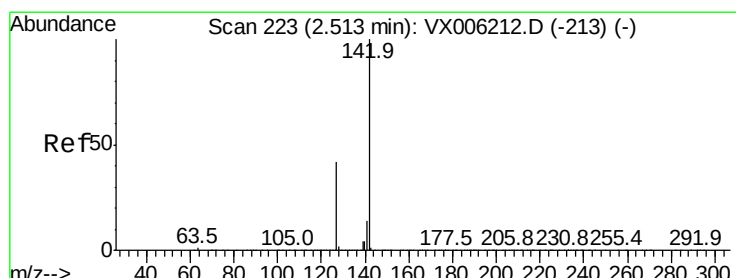
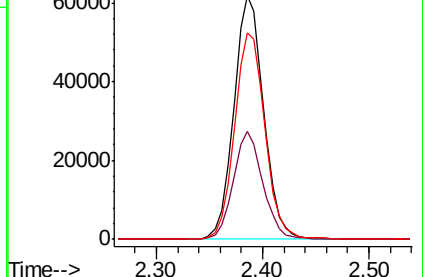
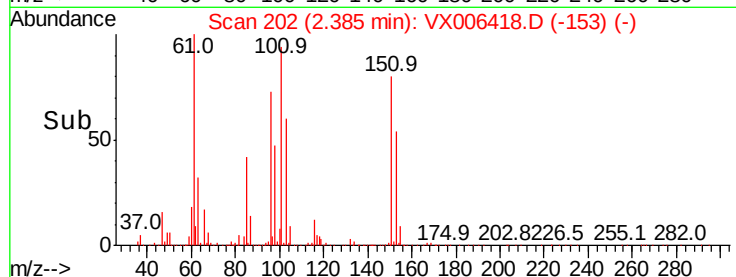
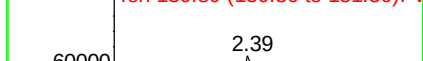
151 86.4 68.6 103.0



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: 18.763 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

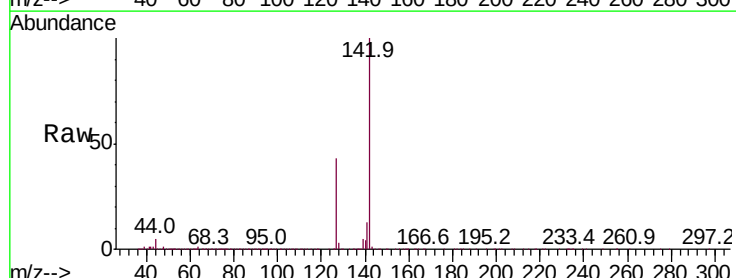
Tgt Ion:142 Resp: 180008

Ion Ratio Lower Upper

142 100

127 41.3 34.8 52.2

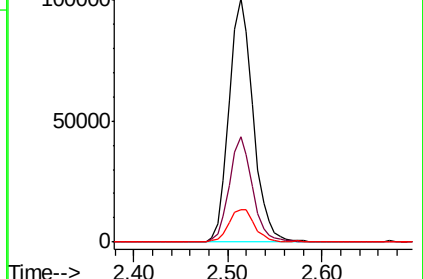
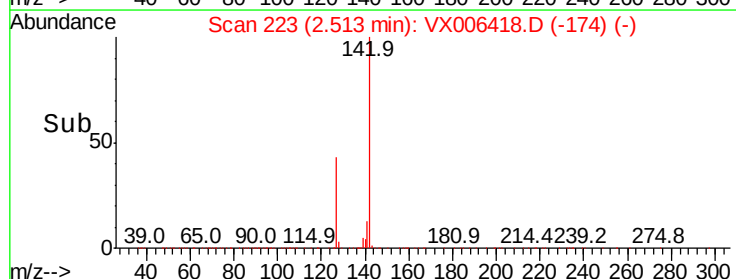
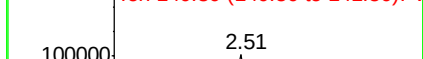
141 13.9 11.4 17.2

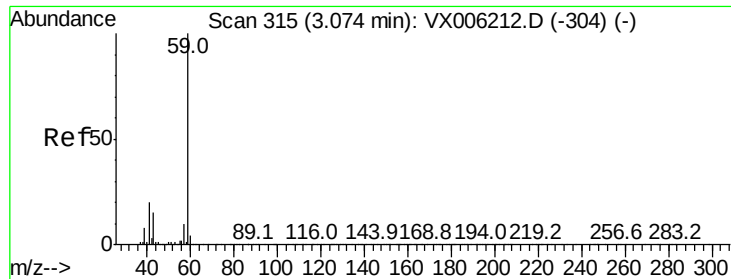


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



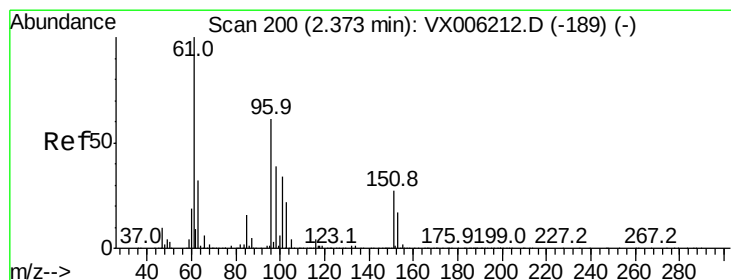
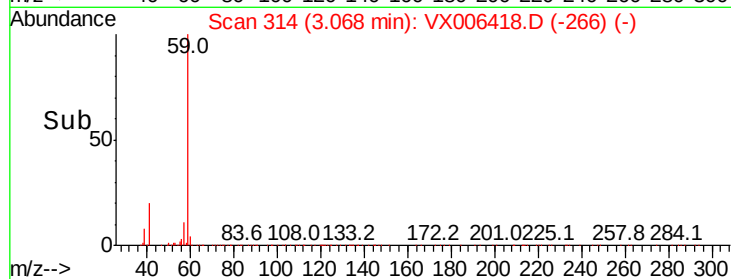
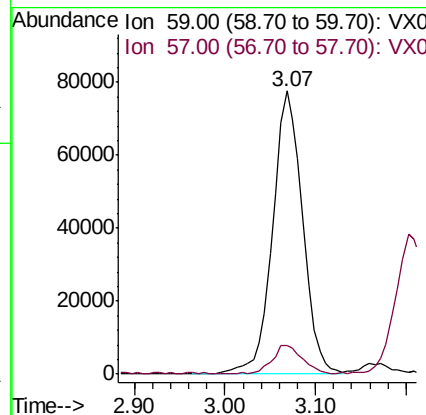
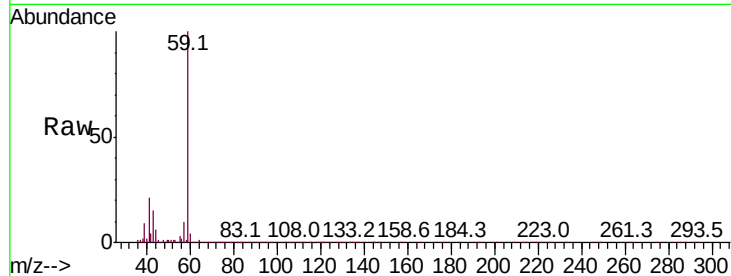


#11

Tert butyl alcohol
Concen: 94.537 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Instrument :
MSVOA_X
ClientSampled :

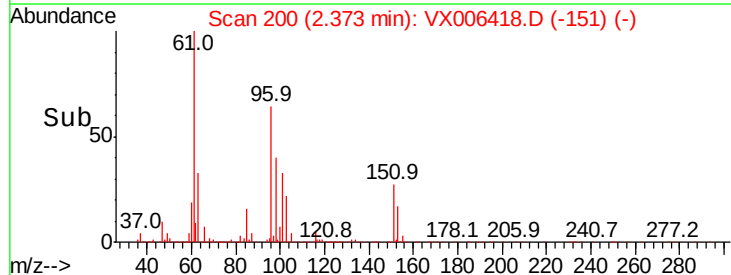
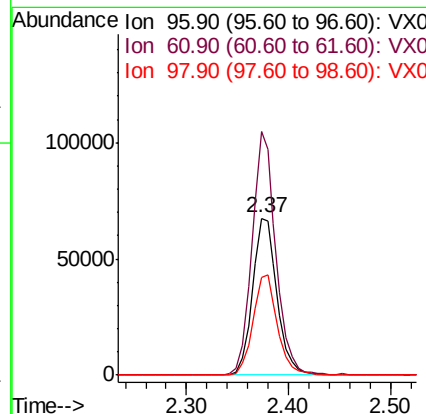
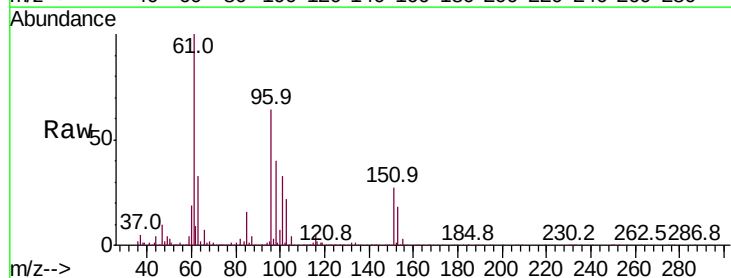
Tot Ion: 59 Resp: 177749
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

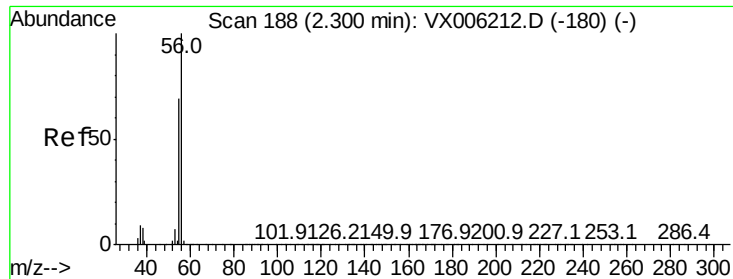


#12

1,1-Dichloroethene
Concen: 18.505 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion: 96 Resp: 112773
Ion Ratio Lower Upper
96 100
61 155.6 131.7 197.5
98 62.2 51.8 77.6

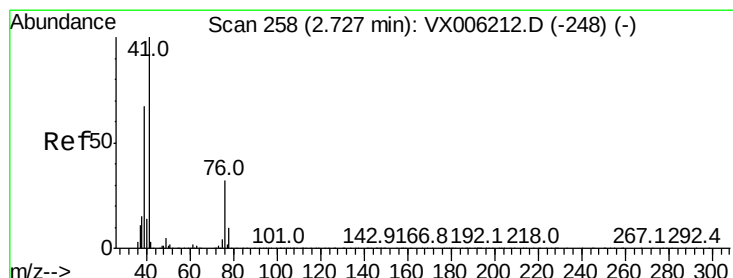
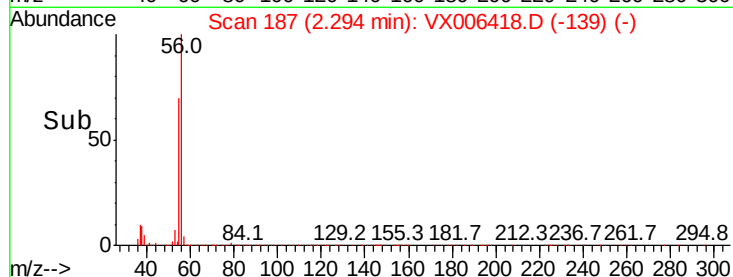
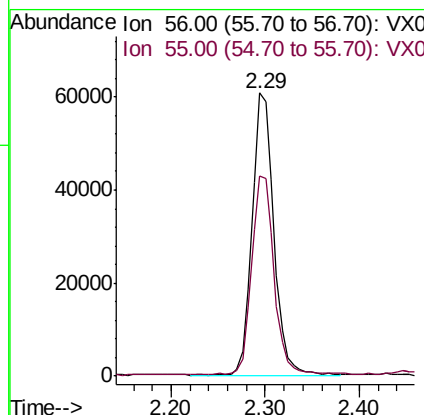
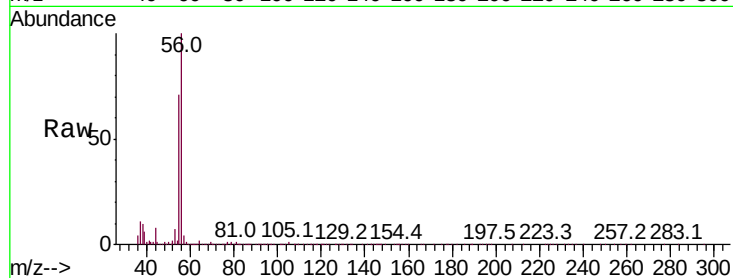




#13
Acrolein
Concen: 95.873 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

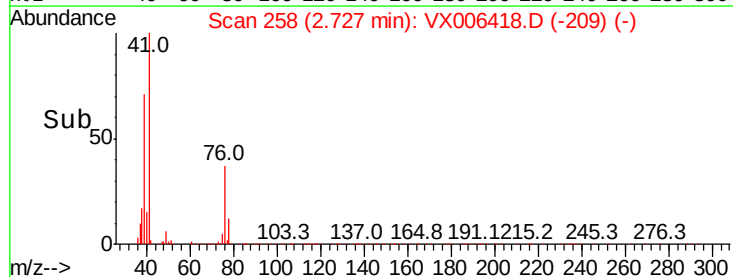
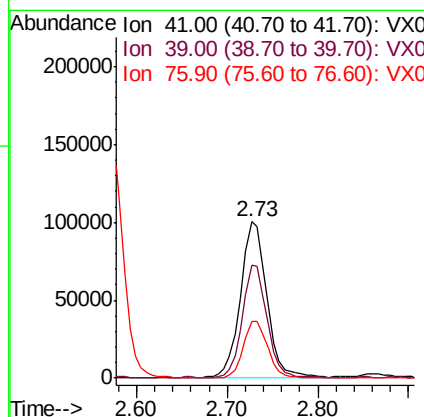
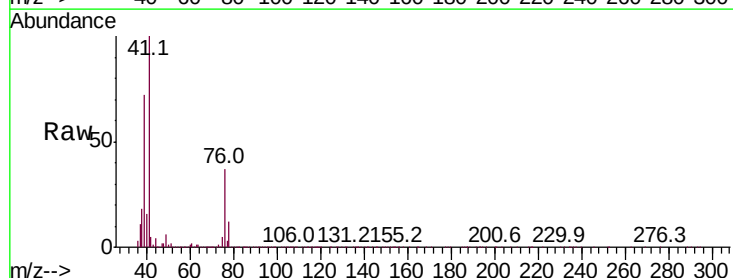
Instrument :
MSVOA_X
ClientSampleId :

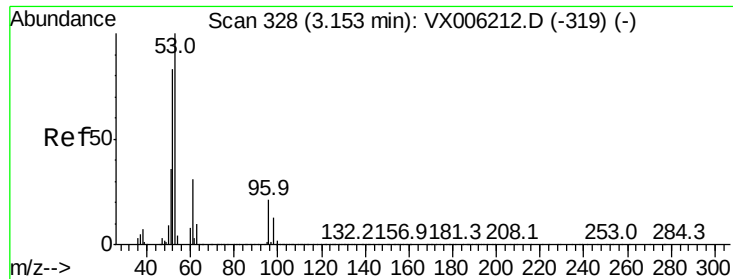
Tot Ion: 56 Resp: 98524
Ion Ratio Lower Upper
56 100
55 72.0 57.8 86.6



#14
Allyl chloride
Concen: 16.638 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion: 41 Resp: 200298
Ion Ratio Lower Upper
41 100
39 67.0 52.4 78.6
76 34.3 25.4 38.0

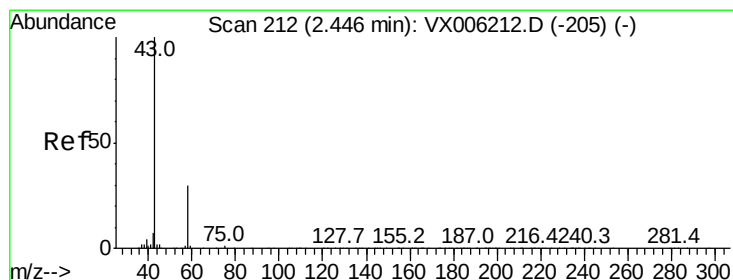
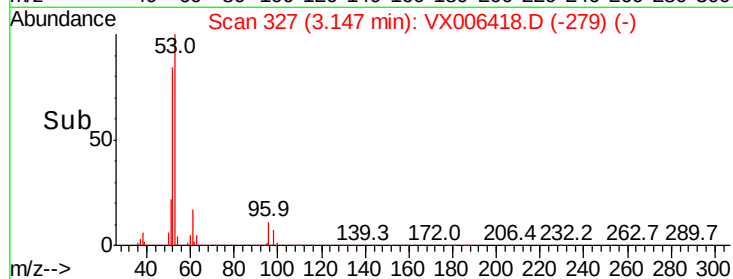
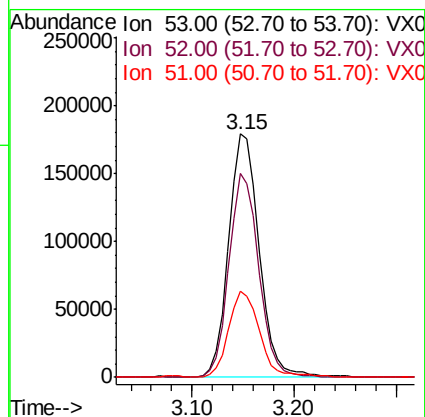
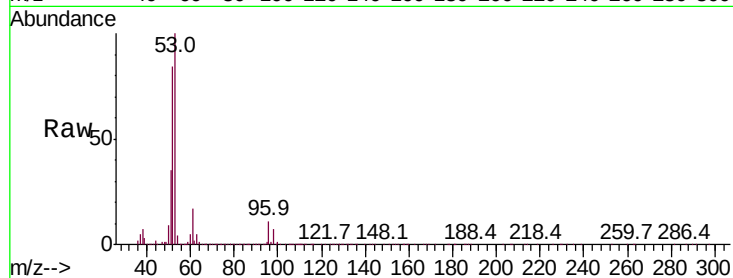




#15
 Acrylonitrile
 Concen: 94.134 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006418.D
 Acq: 11 Dec 2018 14:11

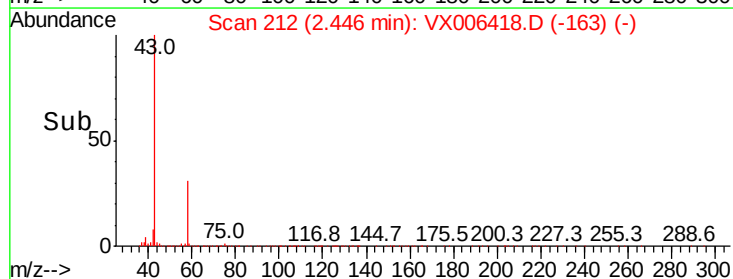
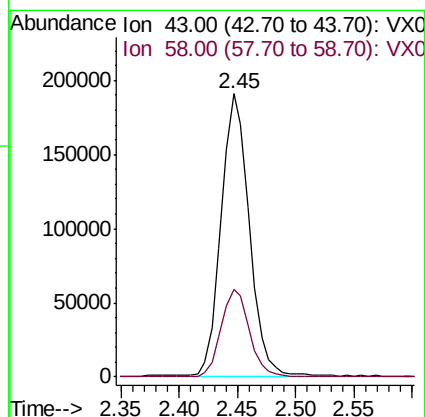
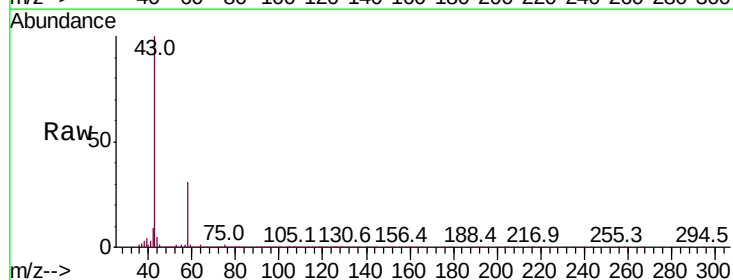
Instrument :
 MSVOA_X
 ClientSampleId :

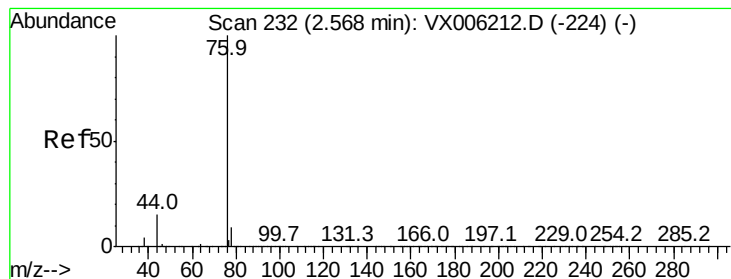
Tot Ion:	53	Resp:	369339
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.4
51	35.8	28.7	43.1



#16
 Acetone
 Concen: 98.190 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006418.D
 Acq: 11 Dec 2018 14:11

Tgt Ion:	43	Resp:	316809
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.0	36.0





#17

Carbon Disulfide

Concen: 14.922 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

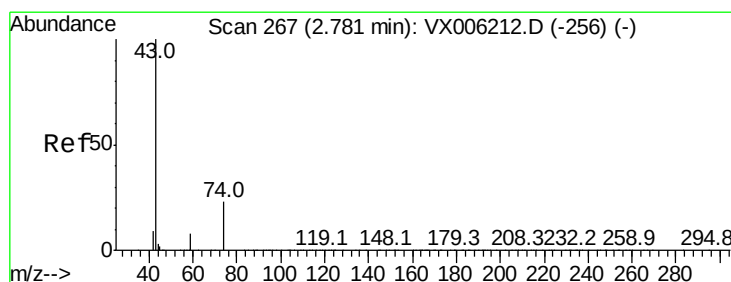
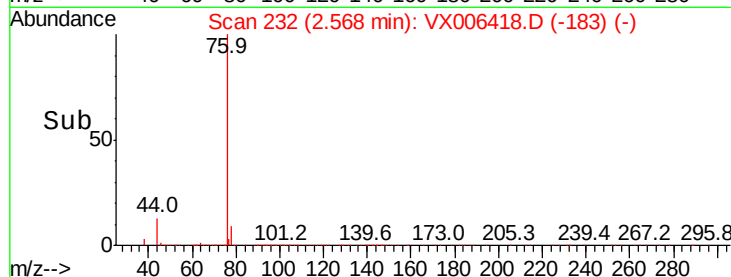
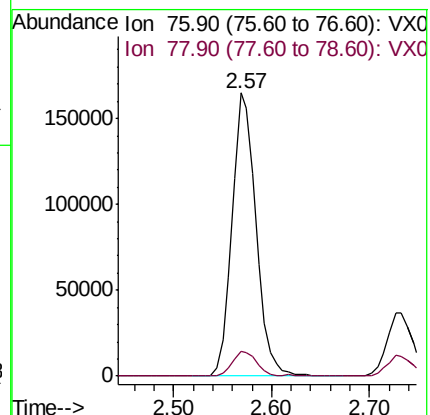
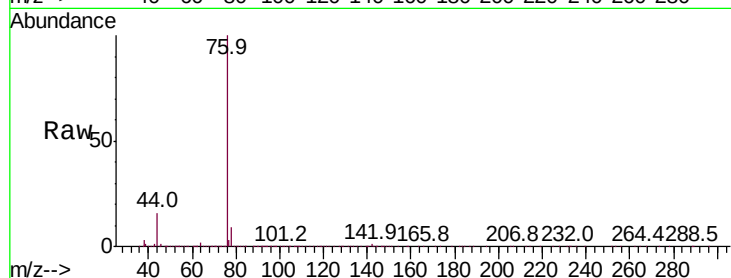
ClientSampleId :

Tot Ion: 76 Resp: 280211

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



#18

Methyl Acetate

Concen: 19.784 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006418.D

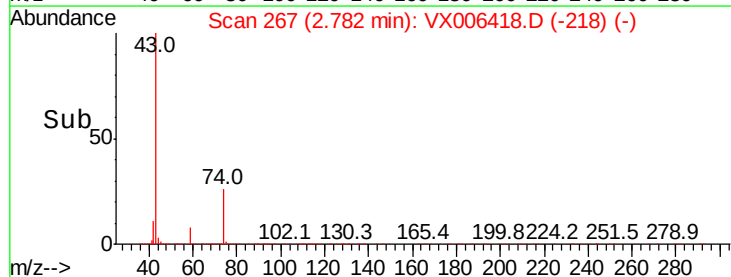
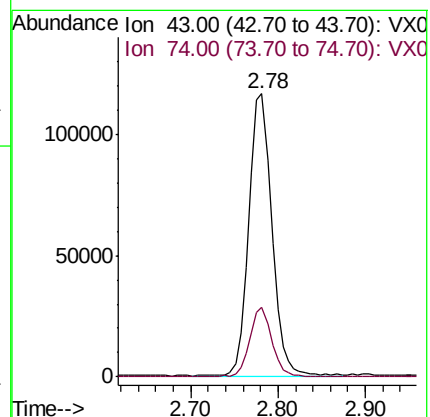
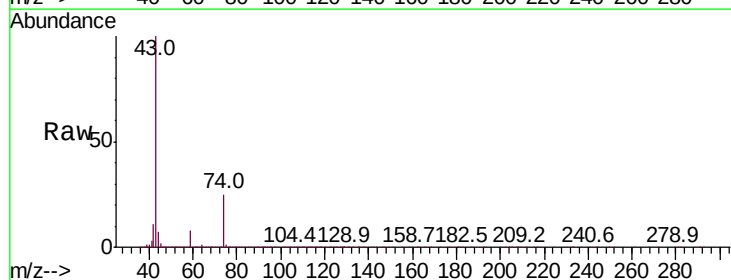
Acq: 11 Dec 2018 14:11

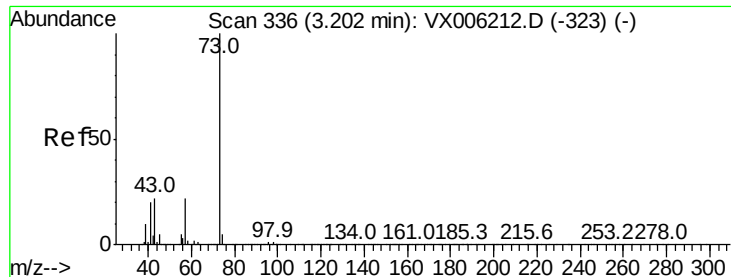
Tgt Ion: 43 Resp: 213473

Ion Ratio Lower Upper

43 100

74 23.2 17.9 26.9

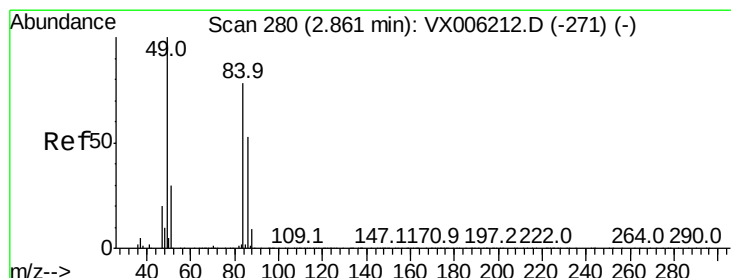
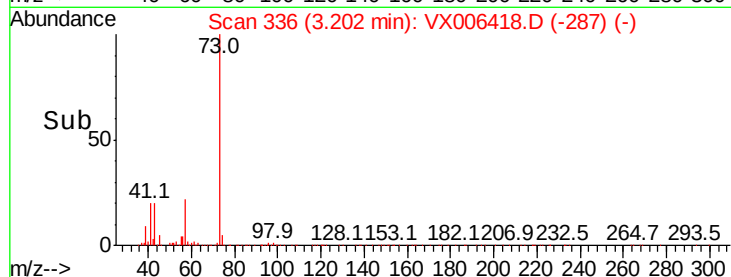
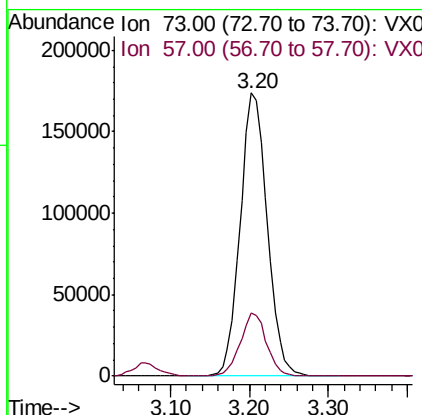
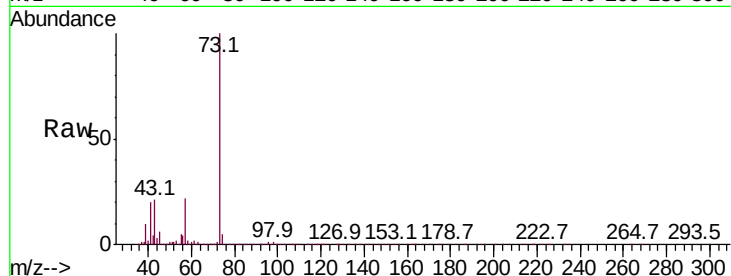




#19
Methyl tert-butyl Ether
Concen: 19.058 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

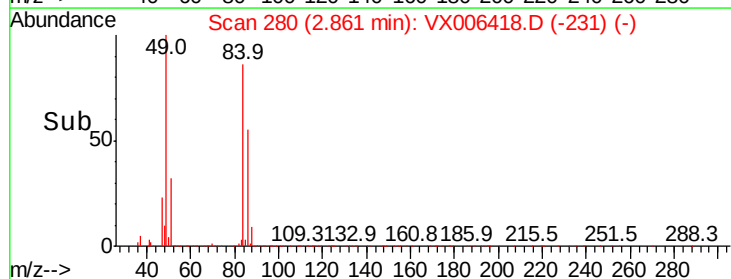
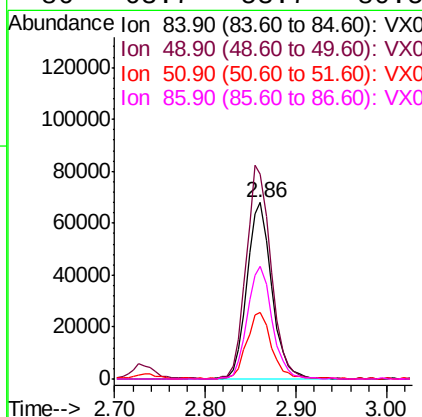
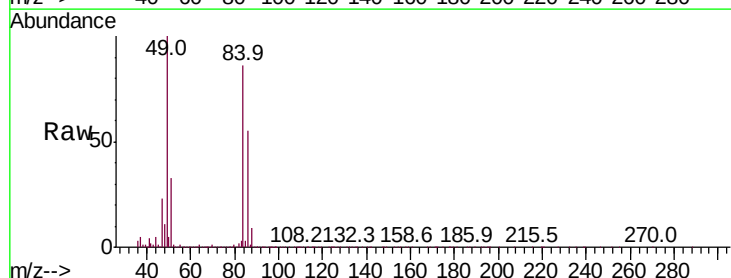
Instrument :
MSVOA_X
ClientSampleId :

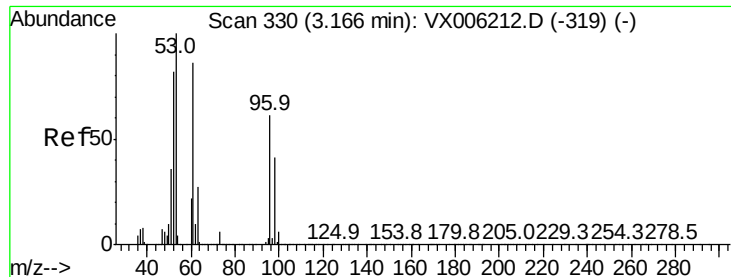
Tot Ion: 73 Resp: 414323
Ion Ratio Lower Upper
73 100
57 22.1 17.5 26.3



#20
Methylene Chloride
Concen: 18.779 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion: 84 Resp: 128952
Ion Ratio Lower Upper
84 100
49 115.5 102.2 153.4
51 37.6 31.1 46.7
86 63.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 18.200 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

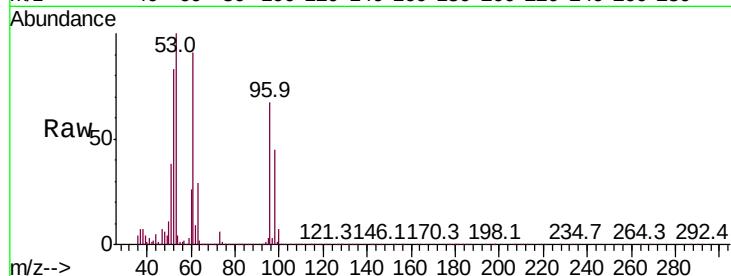
Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 118199

Ion	Ratio	Lower	Upper
96	100		
61	134.8	113.3	169.9
98	66.1	53.2	79.8



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

100000

80000

60000

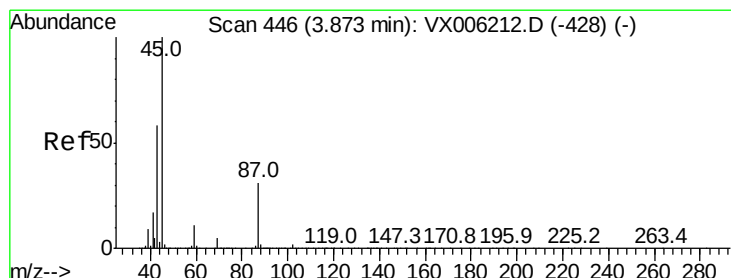
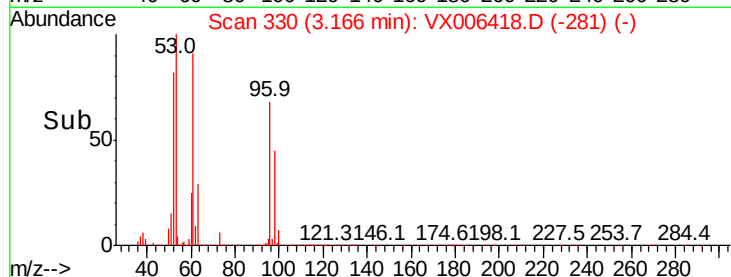
40000

20000

0

3.05 3.10 3.15 3.20 3.25

Time-->



#22

Diisopropyl ether

Concen: 18.994 ug/l

RT: 3.87 min Scan# 445

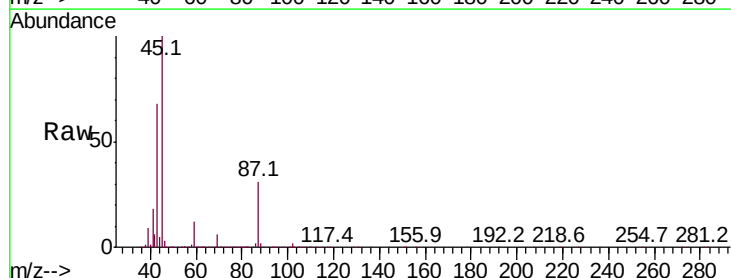
Delta R.T. -0.01 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Tgt Ion: 45 Resp: 357145

Ion	Ratio	Lower	Upper
45	100		
43	67.3	46.2	69.2
87	31.1	24.9	37.3
59	12.0	9.1	13.7



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

800000

600000

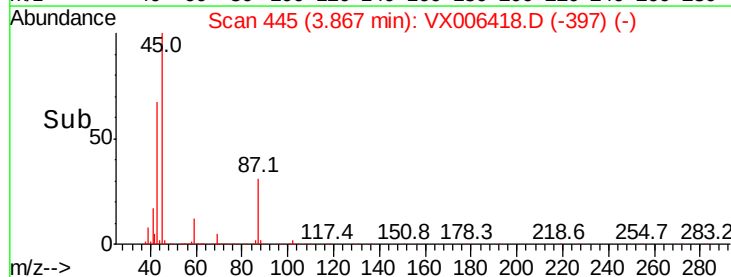
400000

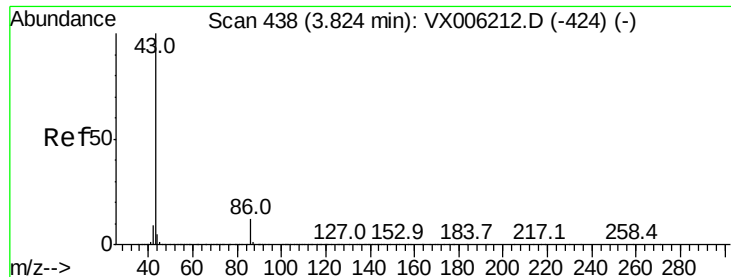
200000

0

3.70 3.80 3.90 4.00

Time-->





#23

Vinyl Acetate

Concen: 90.819 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

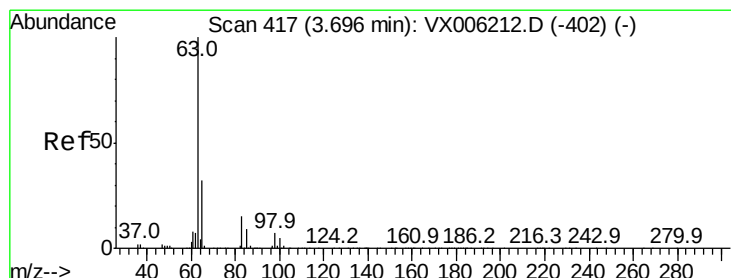
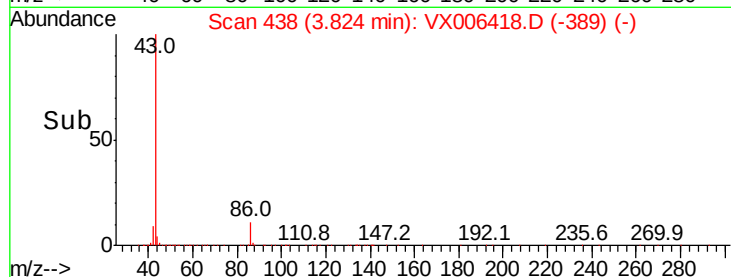
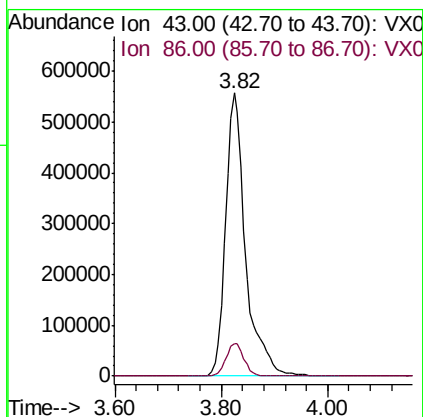
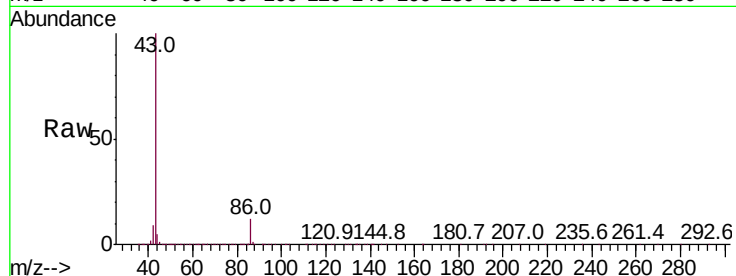
ClientSampleId :

Tot Ion: 43 Resp: 1456527

Ion Ratio Lower Upper

43 100

86 11.5 9.4 14.0



#24

1,1-Dichloroethane

Concen: 19.151 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

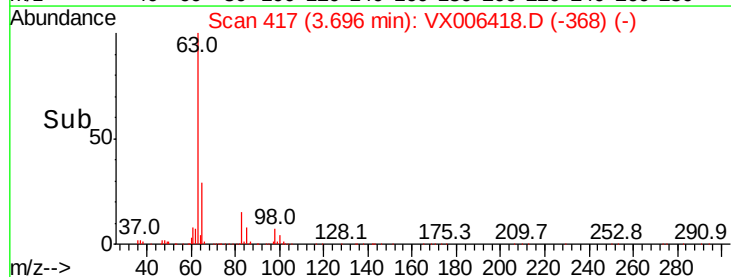
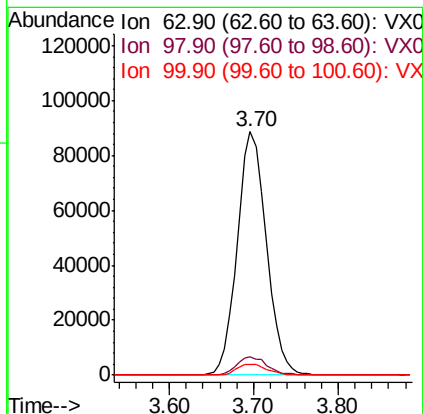
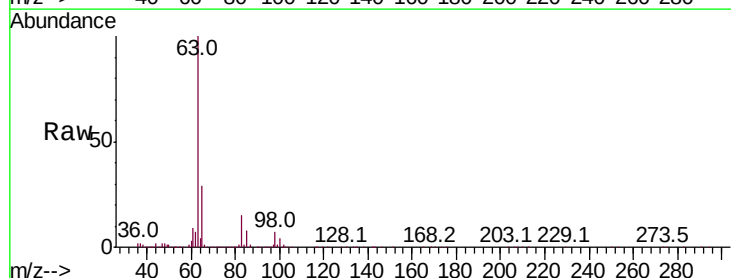
Tgt Ion: 63 Resp: 205820

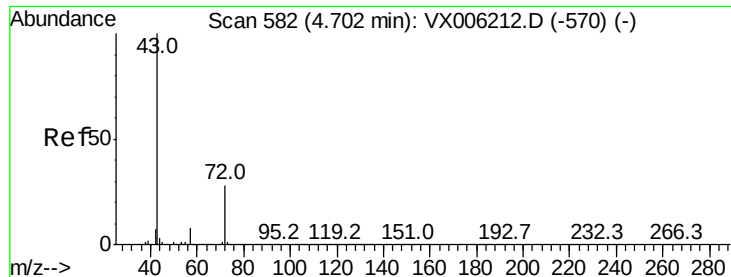
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.2 2.5 7.4

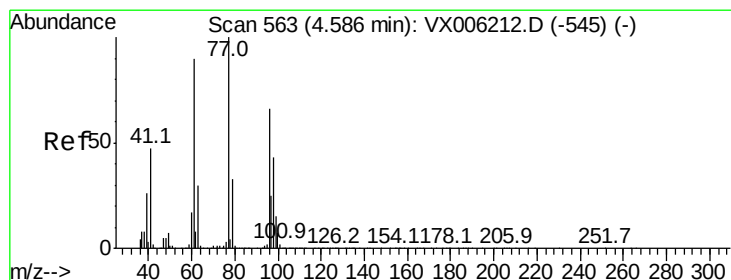
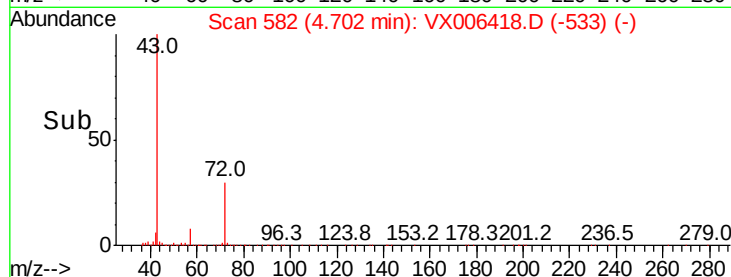
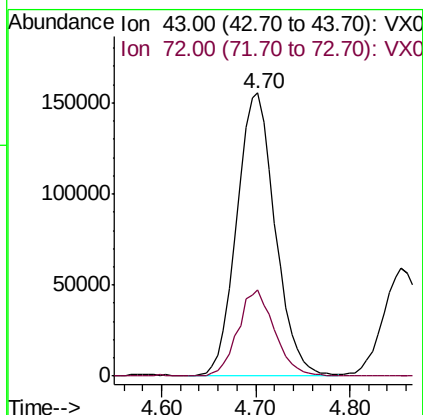
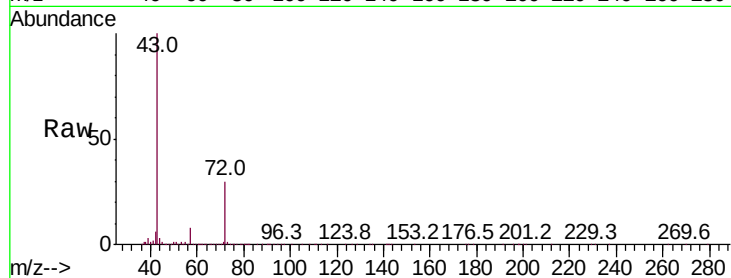




#25
2-Butanone
Concen: 96.054 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

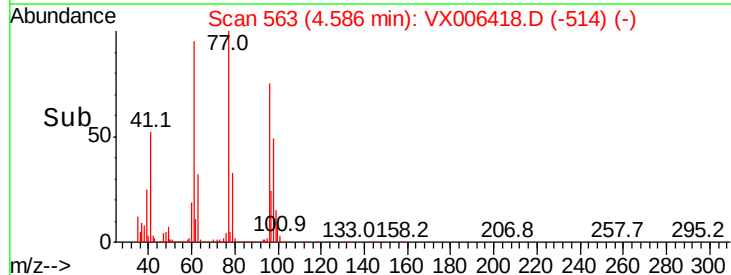
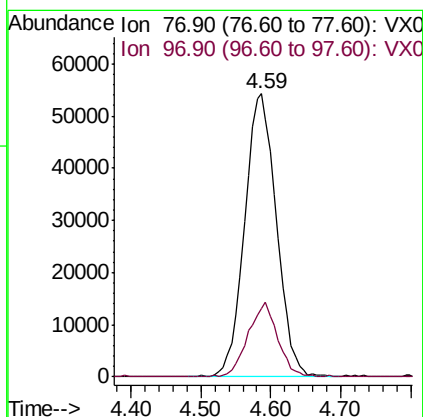
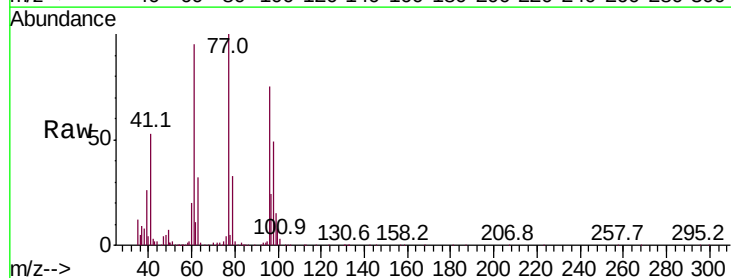
Instrument :
MSVOA_X
ClientSampleId :

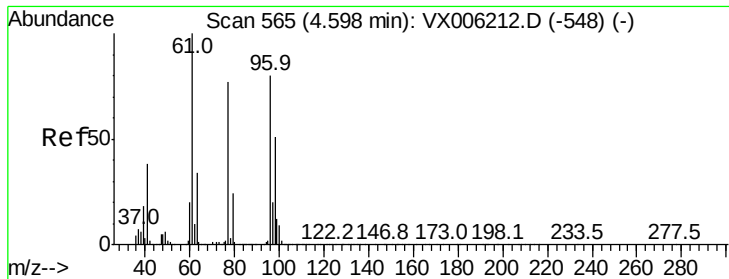
Tot Ion: 43 Resp: 442208
Ion Ratio Lower Upper
43 100
72 30.3 22.6 33.8



#26
2,2-Dichloropropane
Concen: 17.264 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion: 77 Resp: 171233
Ion Ratio Lower Upper
77 100
97 24.6 12.3 36.8



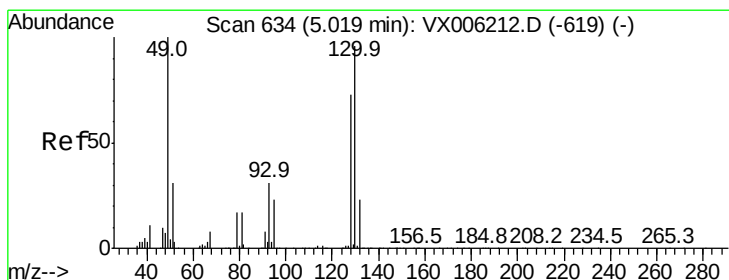
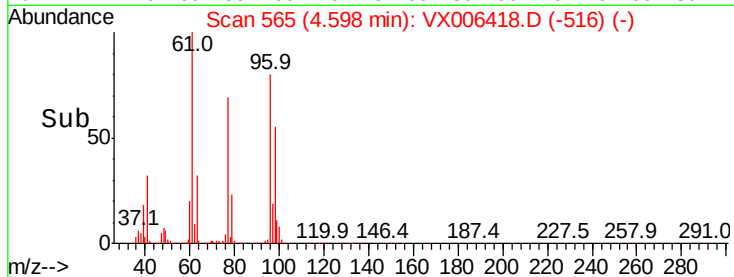
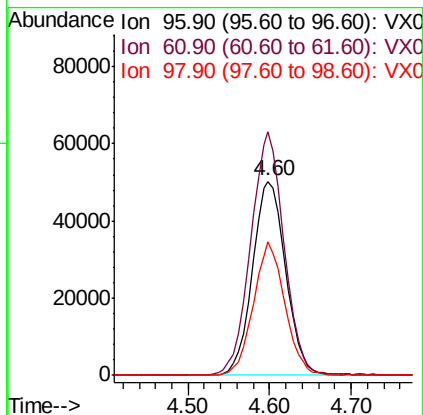
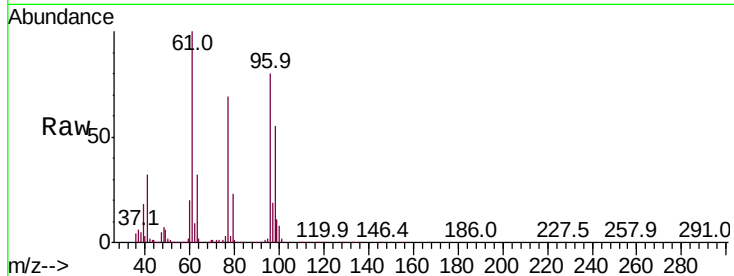


#27

cis-1,2-Dichloroethene
Concen: 19.630 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :

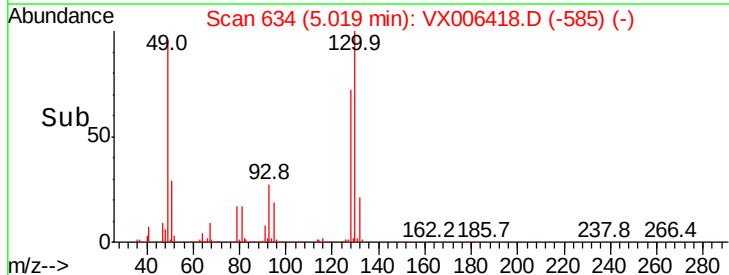
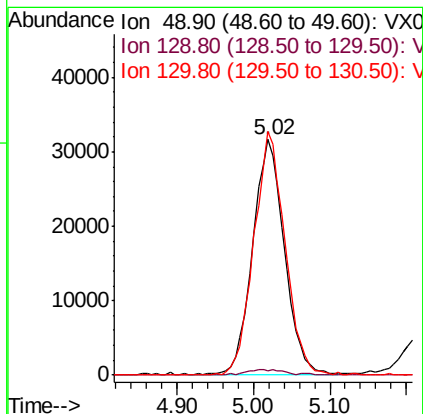
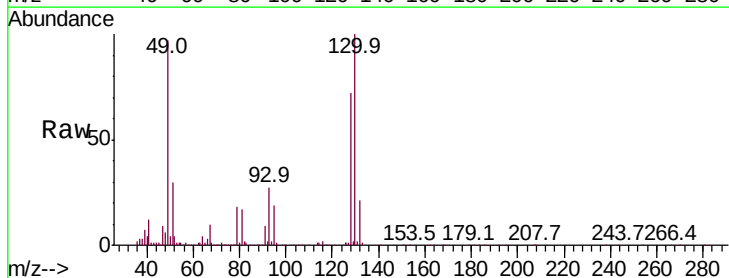
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	265.0
98	65.3	0.0	130.2

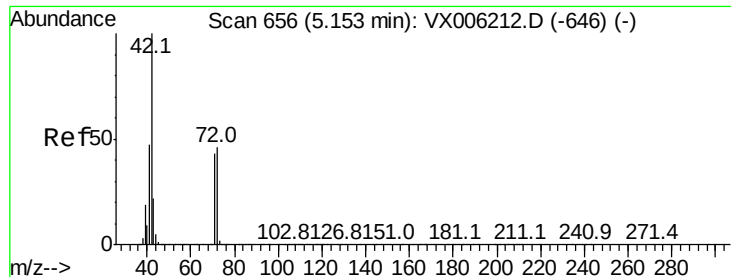


#28

Bromochloromethane
Concen: 19.614 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	101.0	78.3	117.5





#29

Tetrahydrofuran

Concen: 92.061 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

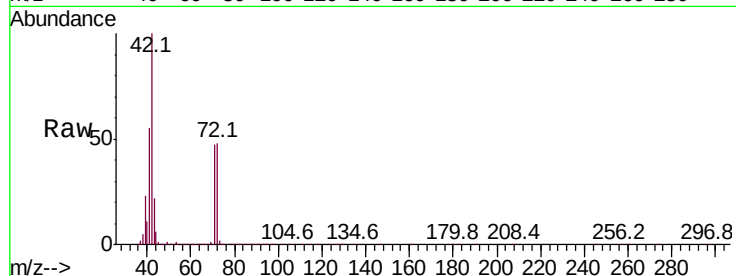
Tot Ion: 42 Resp: 294556

Ion Ratio Lower Upper

42 100

72 49.9 37.8 56.8

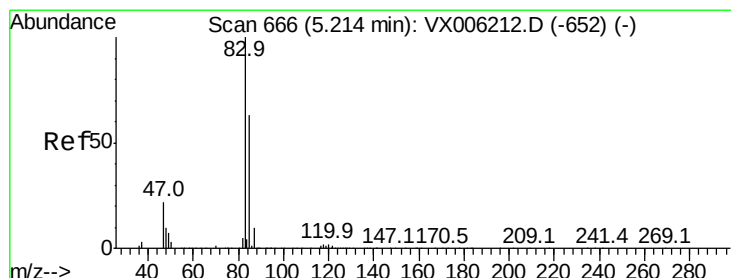
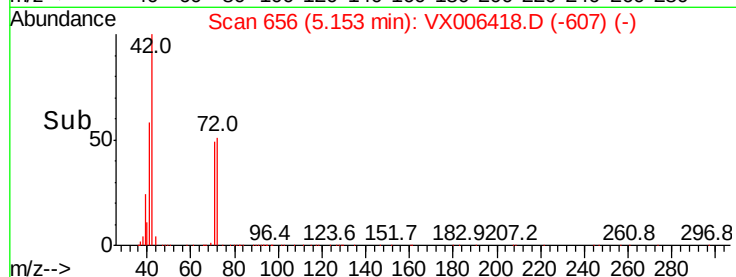
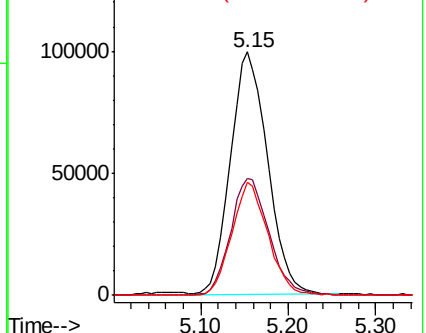
71 45.3 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.409 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006418.D

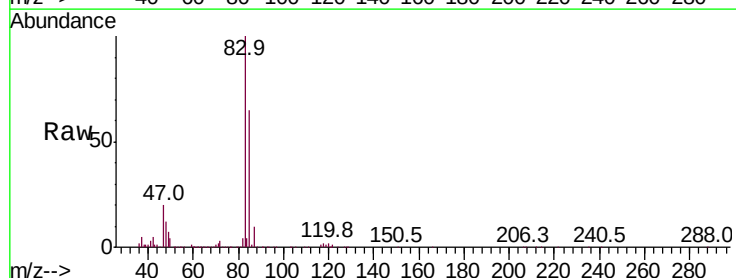
Acq: 11 Dec 2018 14:11

Tgt Ion: 83 Resp: 219215

Ion Ratio Lower Upper

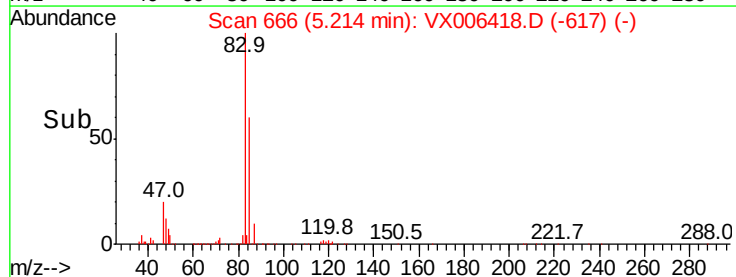
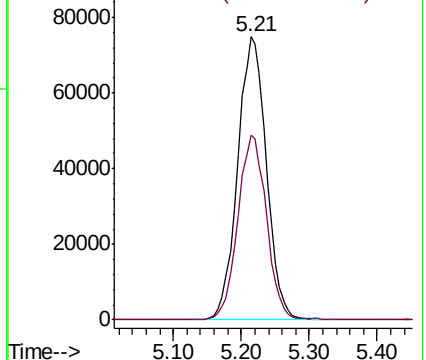
83 100

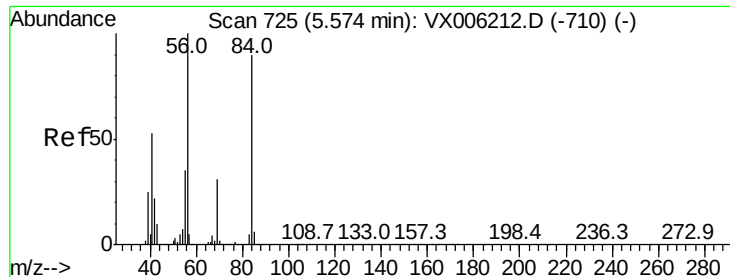
85 65.2 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

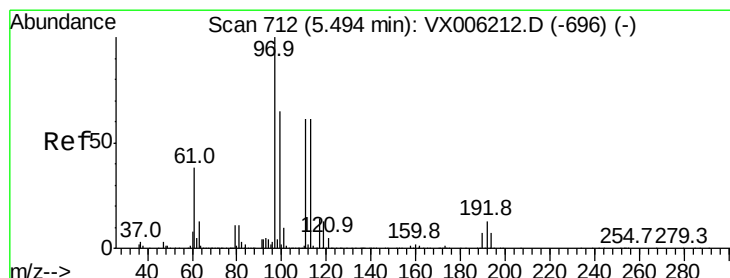
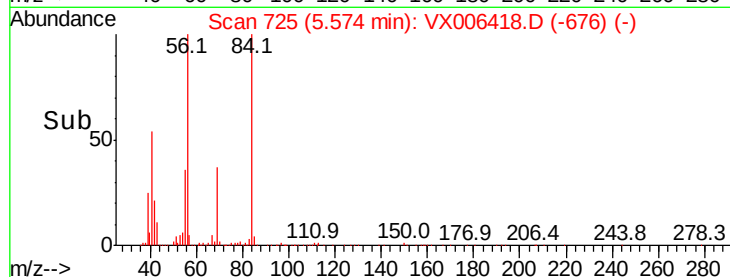
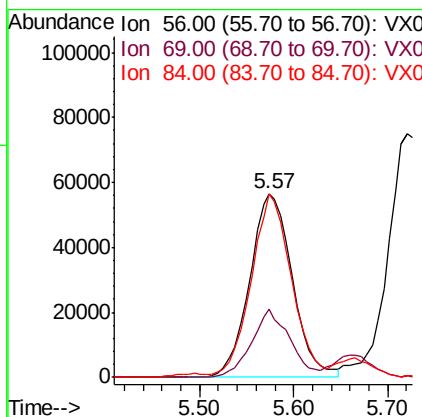
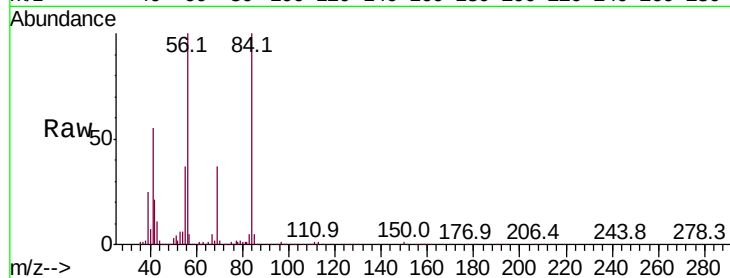




#31
Cyclohexane
Concen: 17.952 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

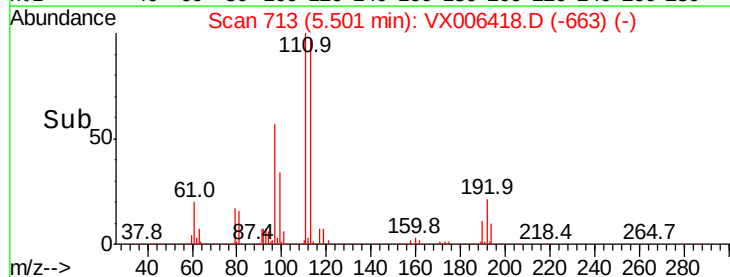
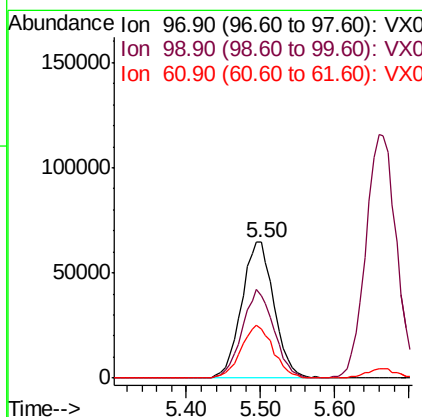
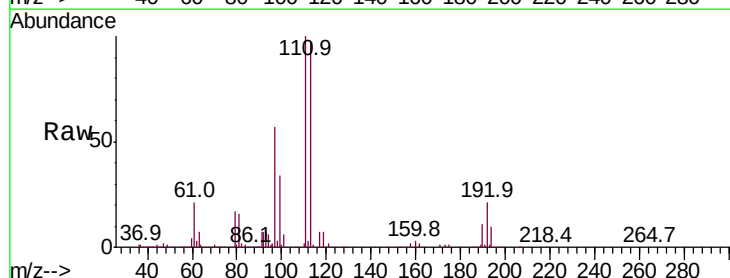
Instrument :
MSVOA_X
ClientSampleId :

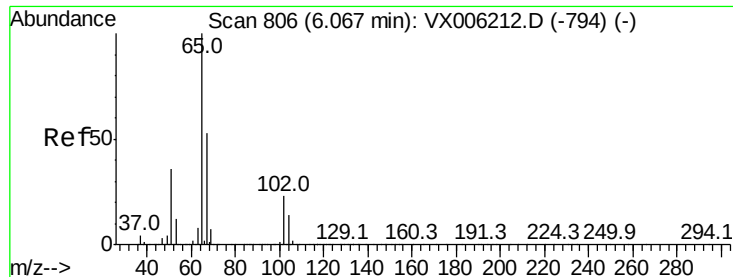
Tot Ion: 56 Resp: 178302
Ion Ratio Lower Upper
56 100
69 37.2 24.5 36.7#
84 98.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.380 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion: 97 Resp: 197509
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 37.9 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 48.838 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

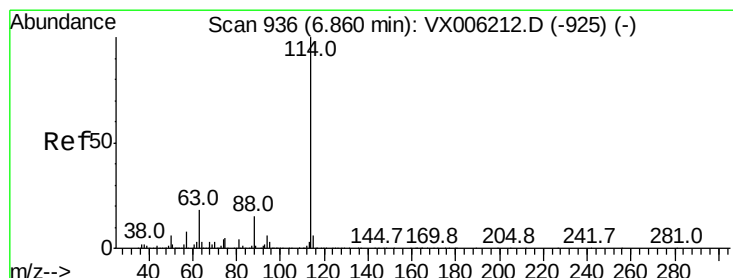
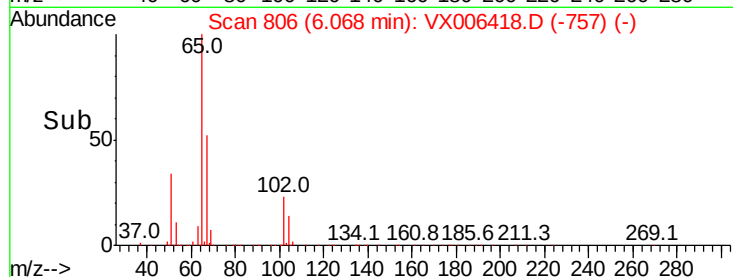
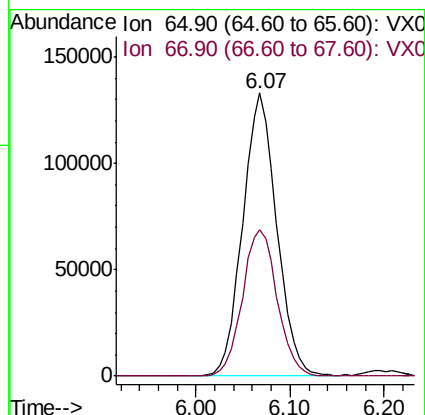
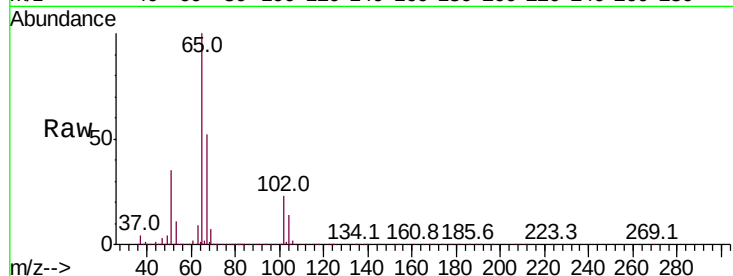
ClientSampleId :

Tot Ion: 65 Resp: 335768

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

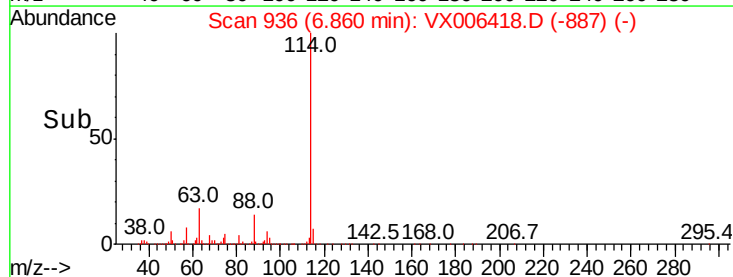
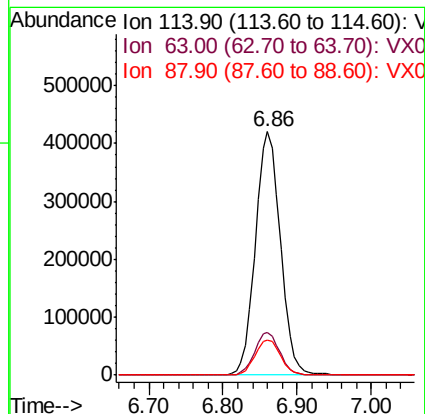
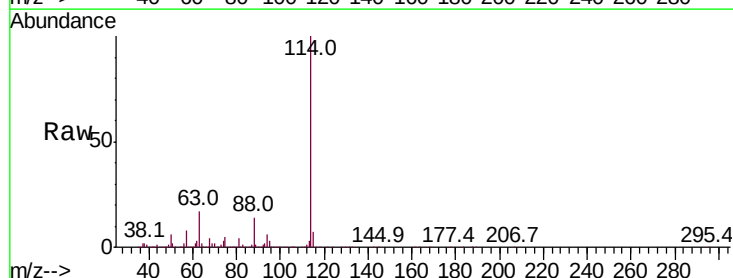
Tgt Ion: 114 Resp: 991223

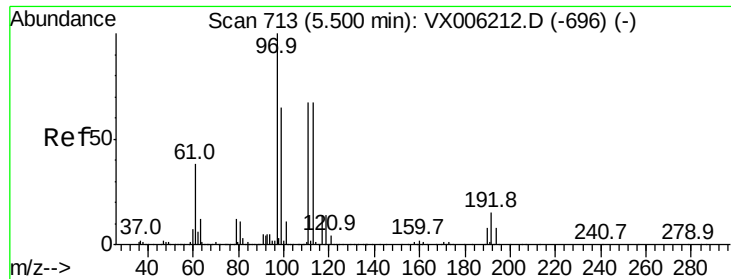
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 14.4 0.0 29.0

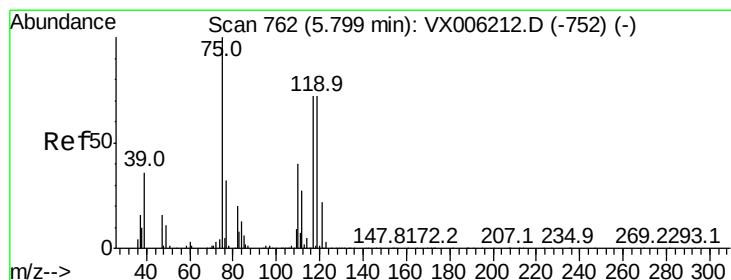
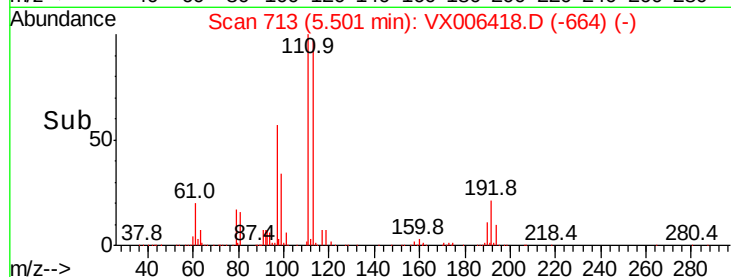
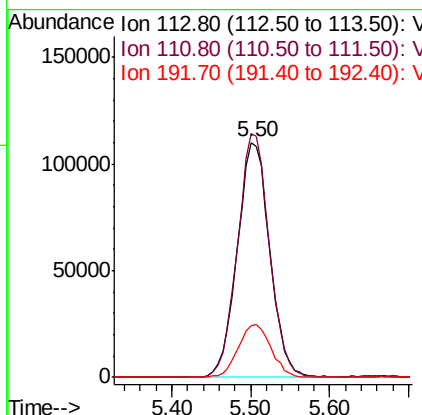
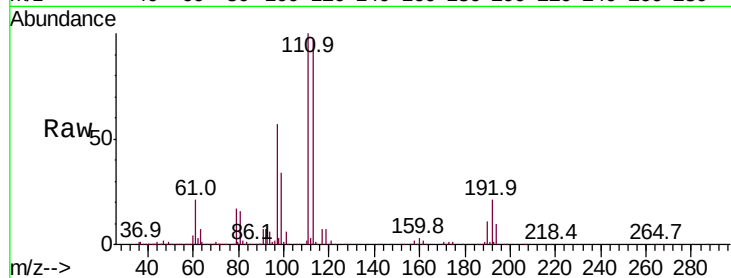




#35
Dibromofluoromethane
Concen: 49.091 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

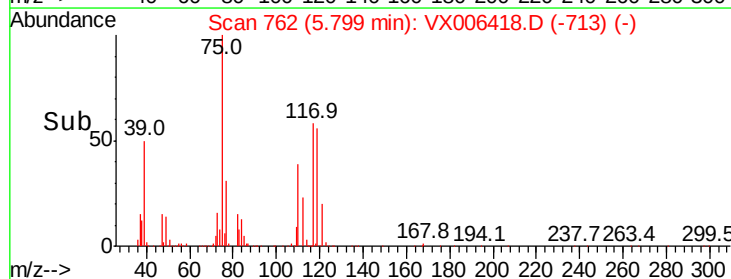
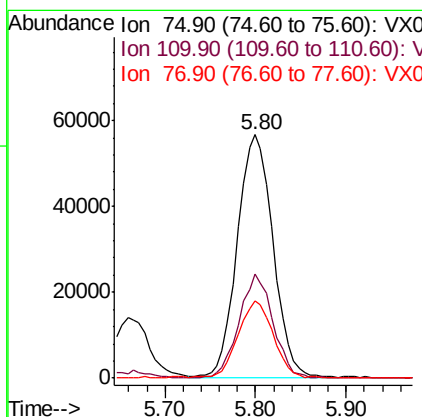
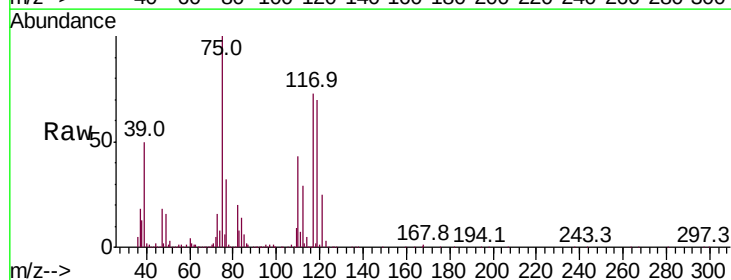
Instrument :
MSVOA_X
ClientSampled :

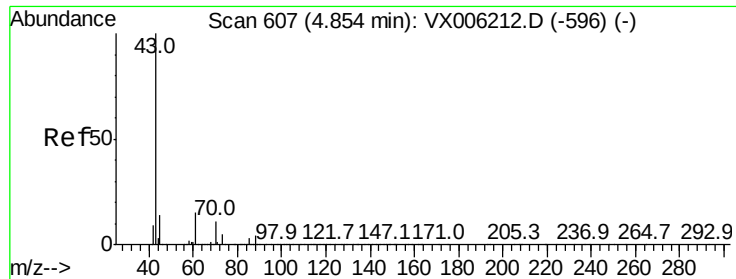
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.1	121.7
192	22.7	18.2	27.2



#36
1,1-Dichloropropene
Concen: 18.439 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.3	20.4	61.3
77	31.2	24.9	37.3

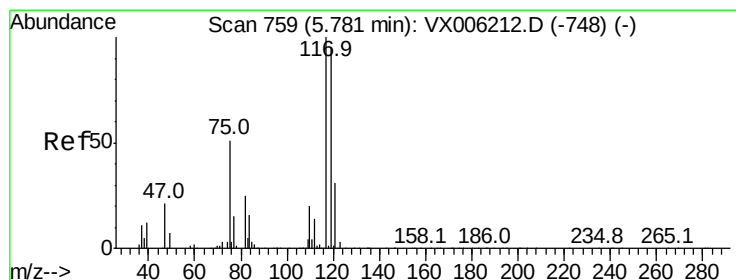
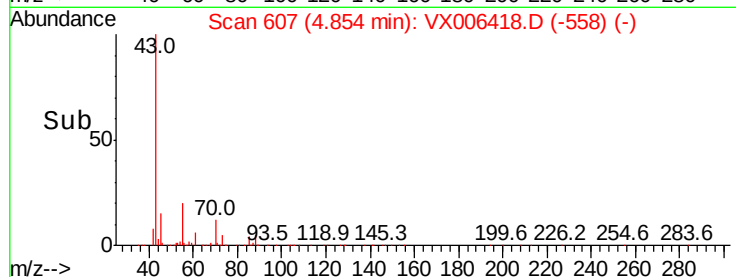
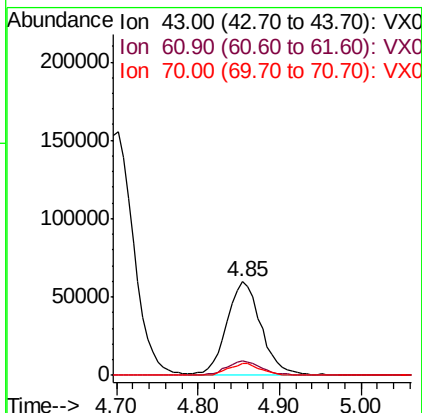
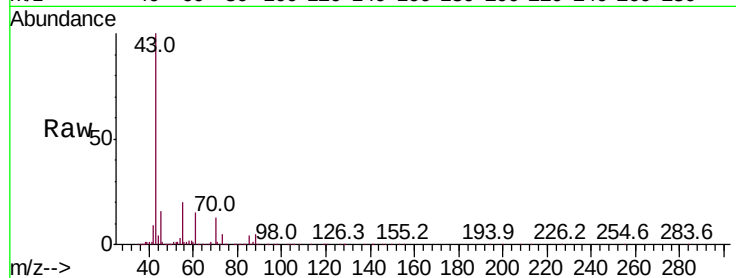




#37
Ethyl Acetate
Concen: 18.344 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

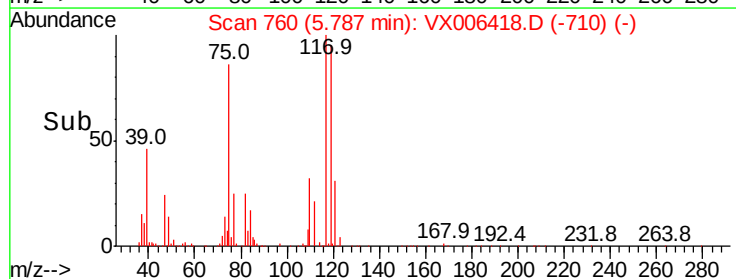
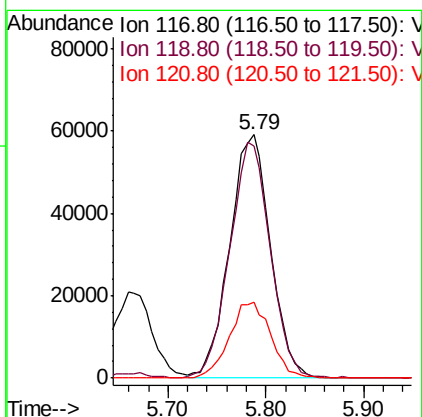
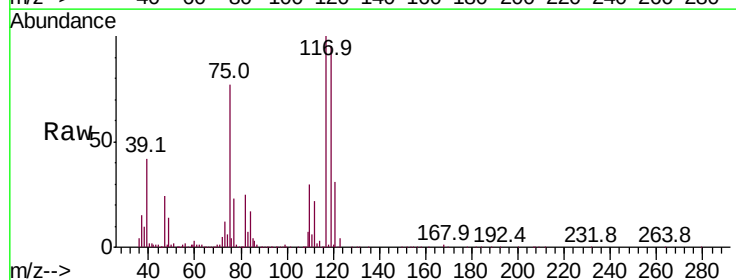
Instrument :
MSVOA_X
ClientSampleId :

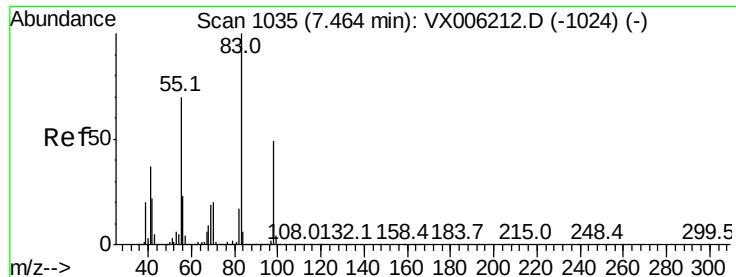
Tot Ion: 43 Resp: 171474
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 12.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 17.449 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion: 117 Resp: 171343
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
121 31.2 24.6 37.0





#39

Methylvlcyclohexane

Concen: 18.491 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

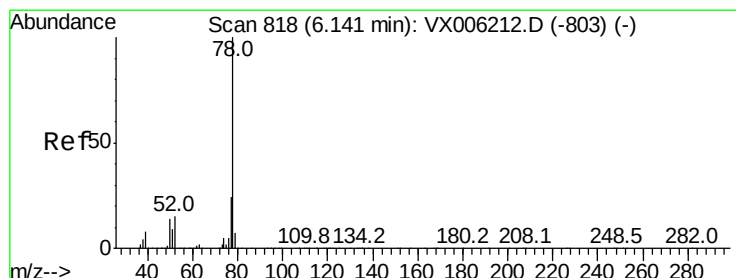
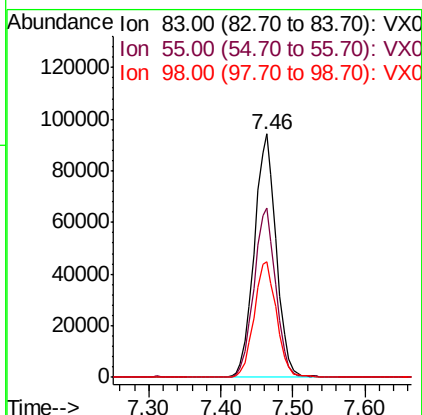
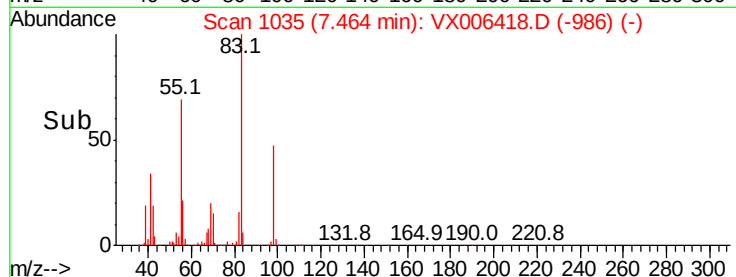
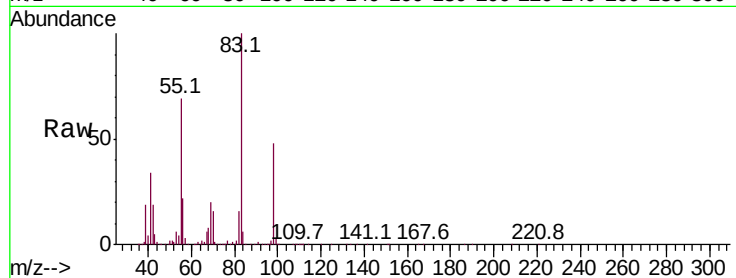
Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 200343

Ion	Ratio	Lower	Upper
83	100		
55	69.3	56.4	84.6
98	47.5	39.0	58.6



#40

Benzene

Concen: 19.363 ug/l

RT: 6.14 min Scan# 818

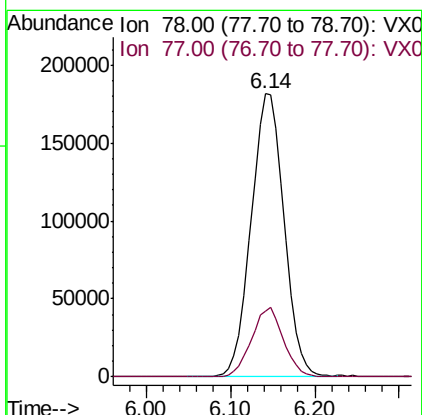
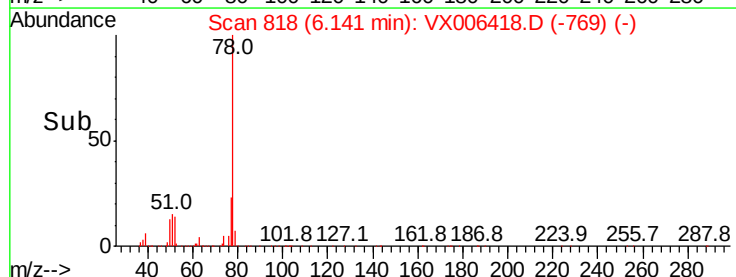
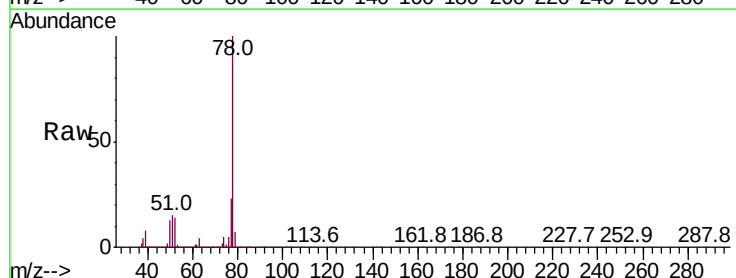
Delta R.T. 0.00 min

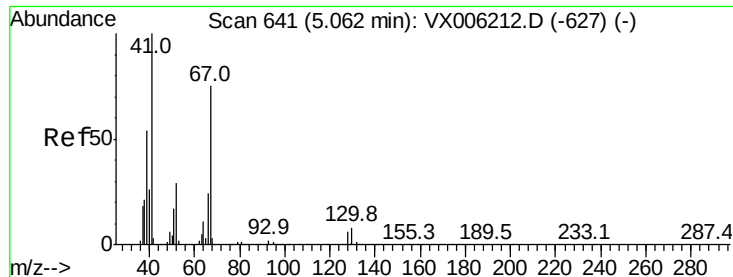
Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Tgt Ion: 78 Resp: 484073

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





#41

Methacrylonitrile

Concen: 18.316 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 94210

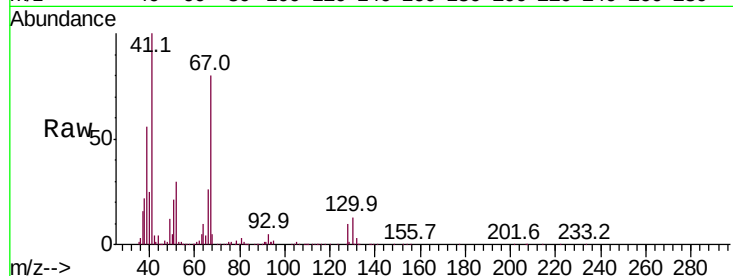
Ion Ratio Lower Upper

41 100

39 55.7 44.0 66.0

67 78.8 61.4 92.0

52 28.6 23.5 35.3

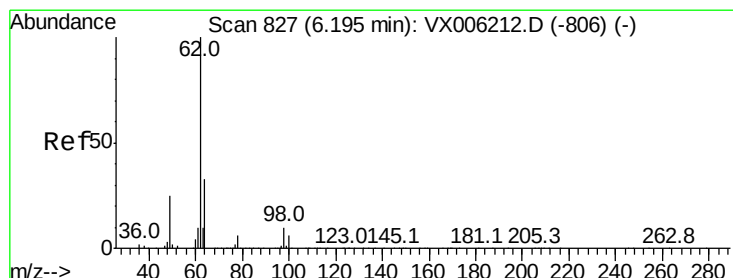
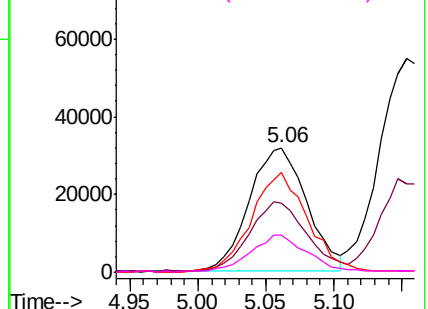
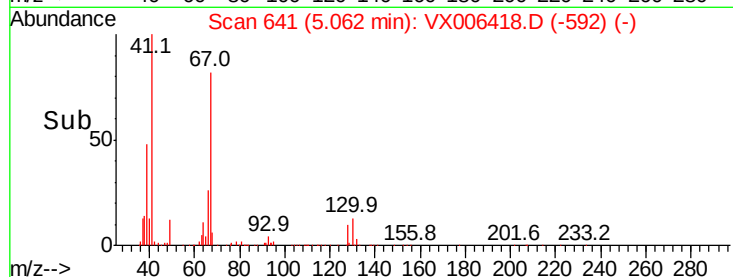


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.701 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006418.D

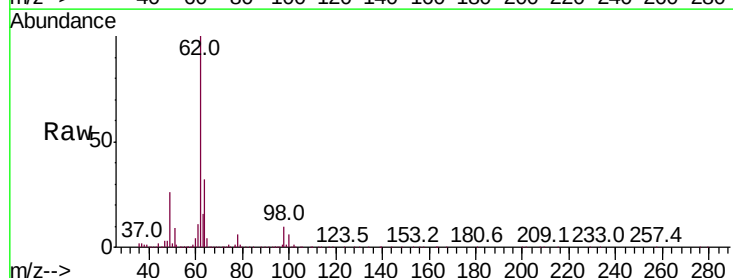
Acq: 11 Dec 2018 14:11

Tgt Ion: 62 Resp: 161193

Ion Ratio Lower Upper

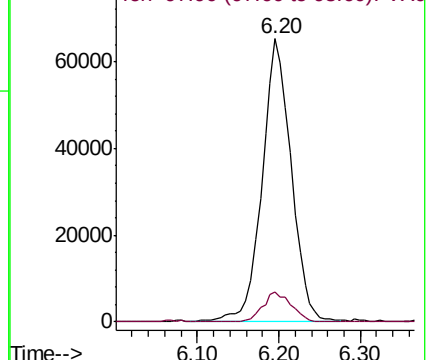
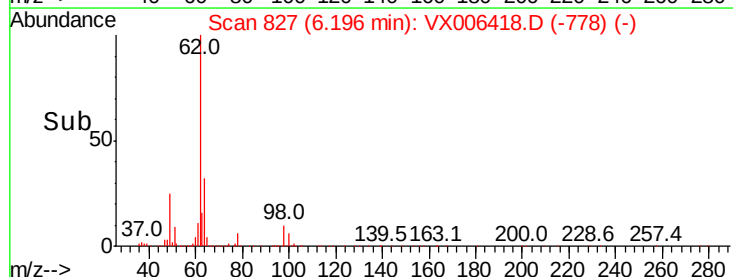
62 100

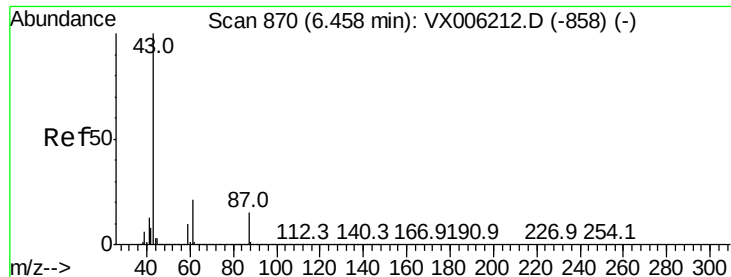
98 10.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.090 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

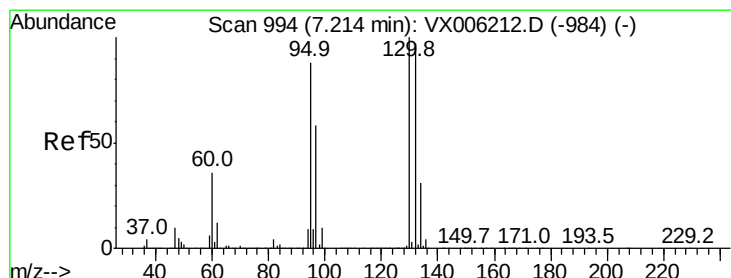
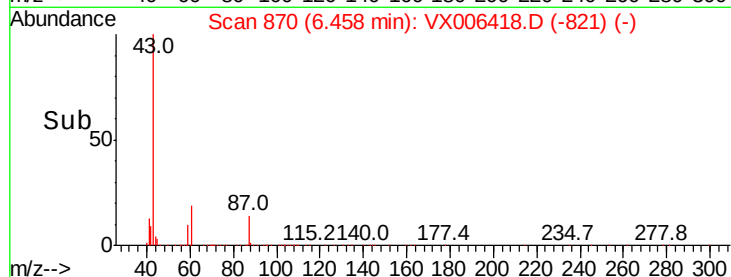
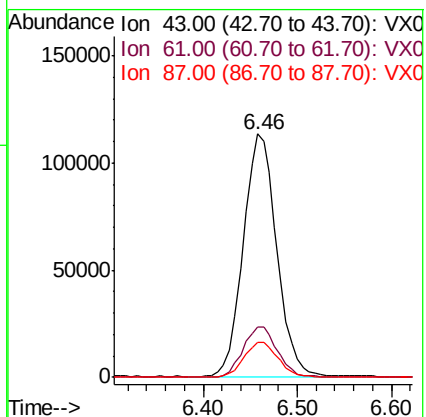
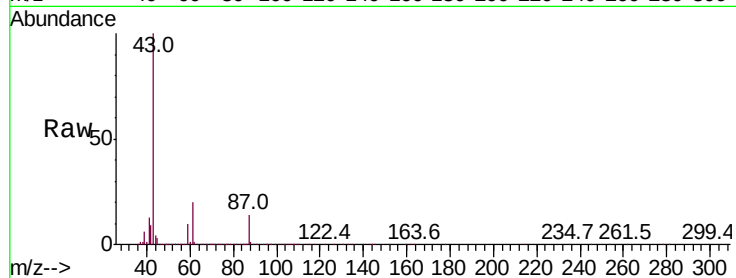
Tot Ion: 43 Resp: 281933

Ion Ratio Lower Upper

43 100

61 21.3 16.8 25.2

87 14.8 11.9 17.9



#44

Trichloroethene

Concen: 19.405 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006418.D

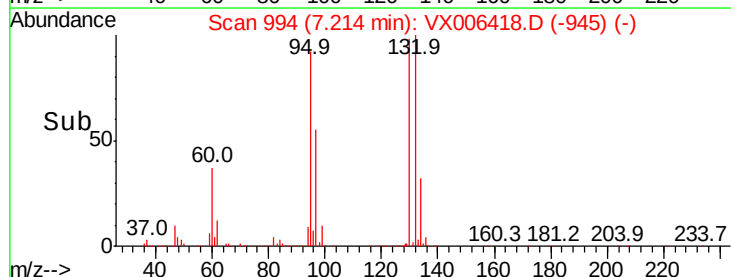
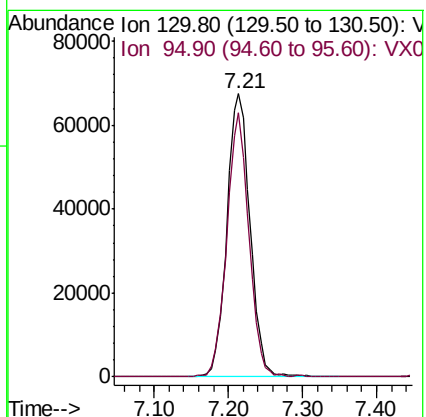
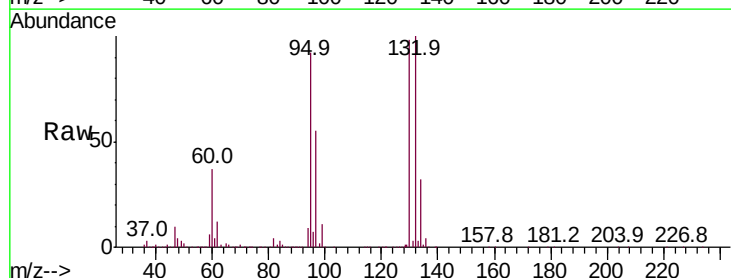
Acq: 11 Dec 2018 14:11

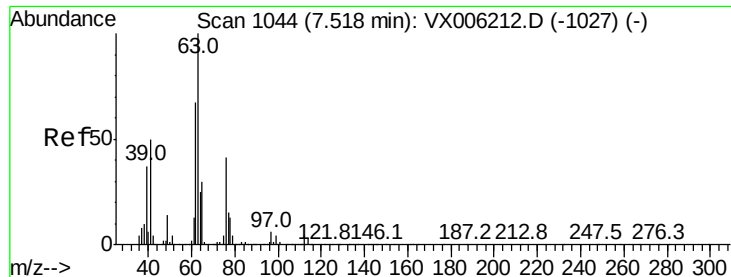
Tgt Ion:130 Resp: 146967

Ion Ratio Lower Upper

130 100

95 93.3 0.0 175.8





#45

1,2-Dichloropropane

Concen: 18.818 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

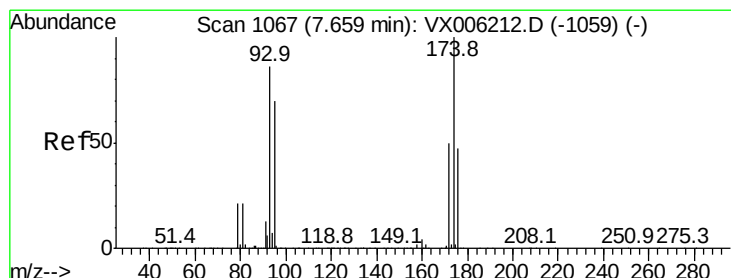
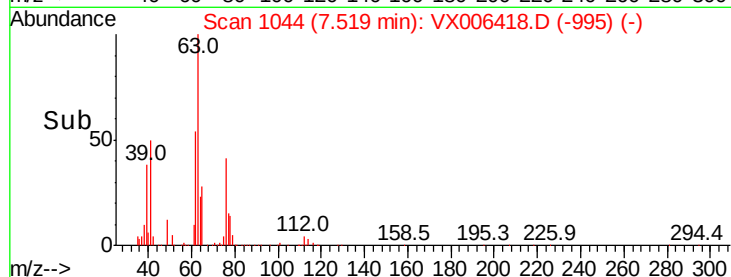
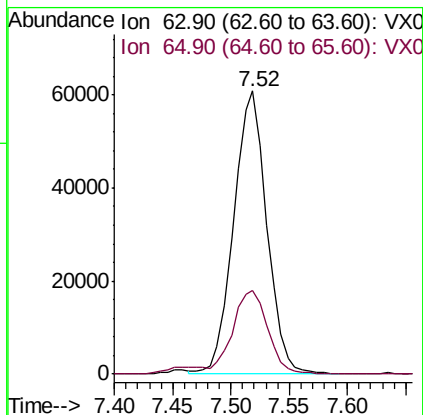
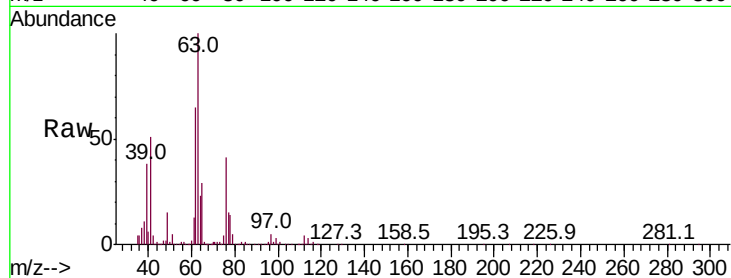
ClientSampleId :

Tot Ion: 63 Resp: 119570

Ion Ratio Lower Upper

63 100

65 29.3 24.3 36.5



#46

Dibromomethane

Concen: 19.258 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

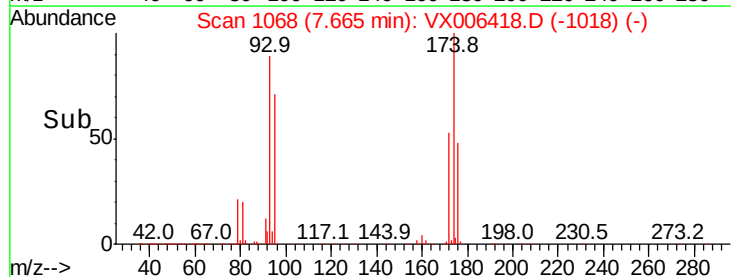
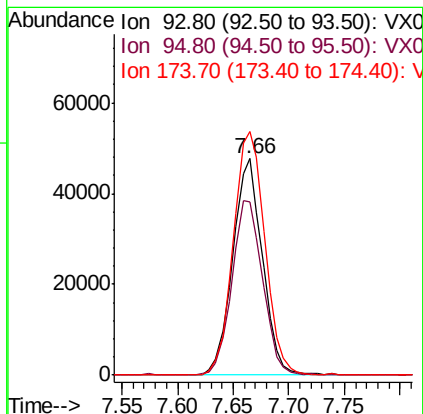
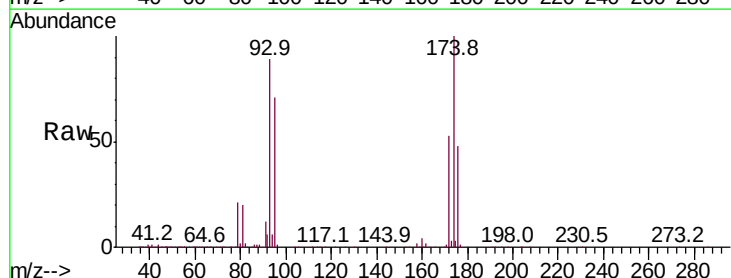
Tgt Ion: 93 Resp: 88373

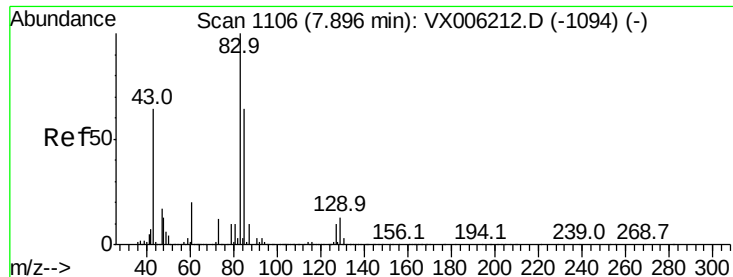
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 119.1 97.2 145.8





#47

Bromodichloromethane

Concen: 17.429 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :

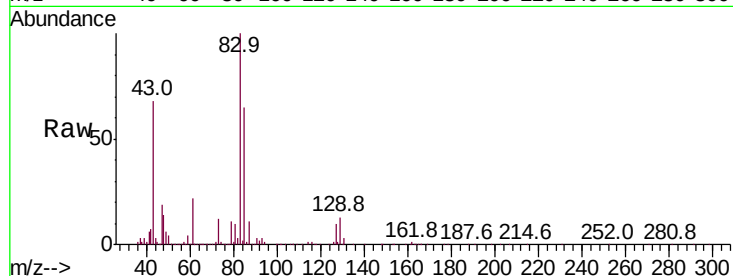
Tot Ion: 83 Resp: 154881

Ion Ratio Lower Upper

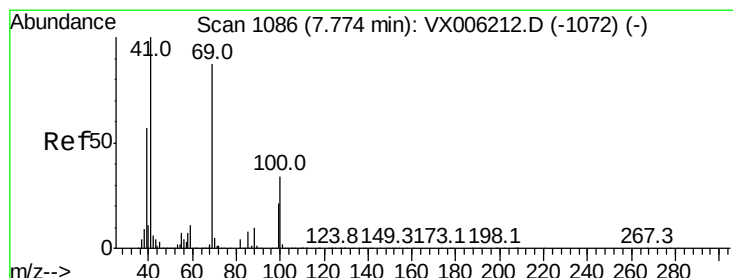
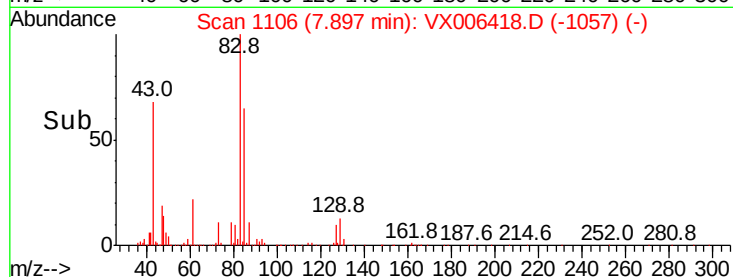
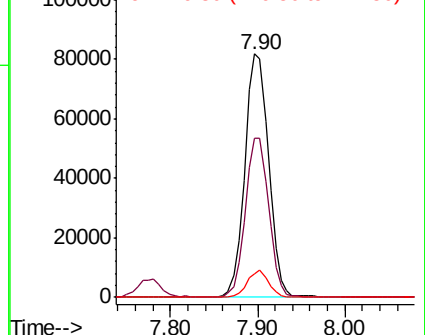
83 100

85 65.0 51.4 77.0

127 9.8 7.9 11.9



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: 18.053 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

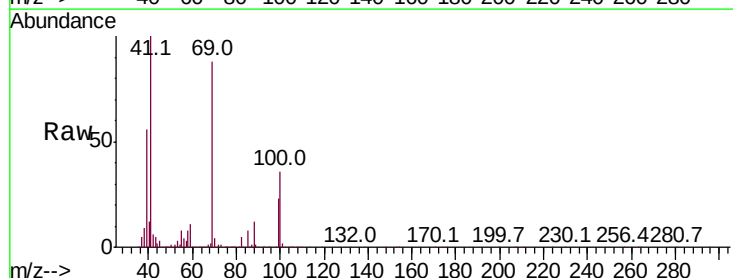
Tgt Ion: 41 Resp: 136875

Ion Ratio Lower Upper

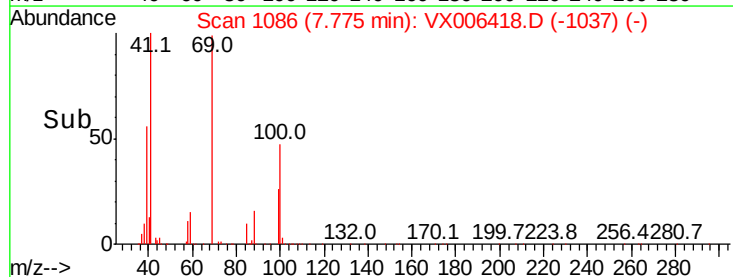
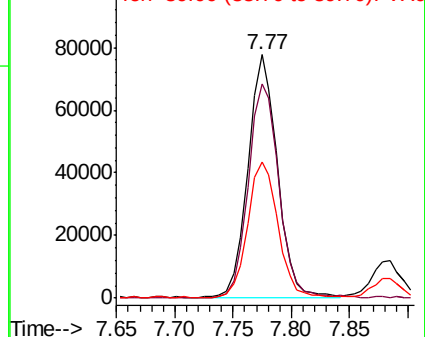
41 100

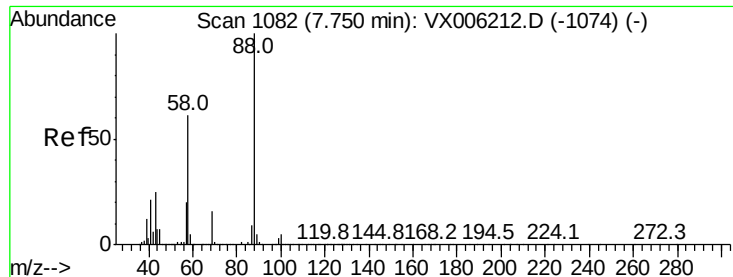
69 91.3 70.3 105.5

39 57.7 45.3 67.9



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: 401.181 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

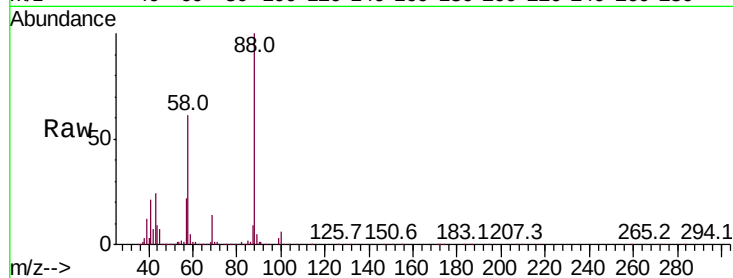
Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 74969

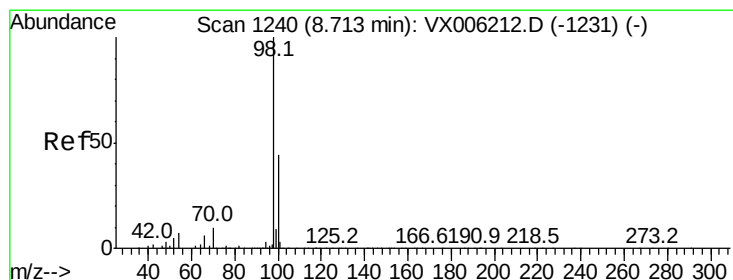
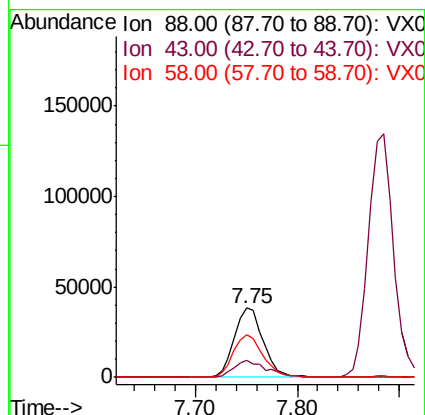
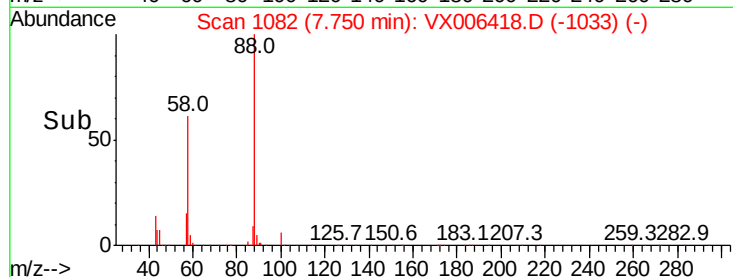
Ion	Ratio	Lower	Upper
88	100		
43	26.3	23.2	34.8
58	64.2	51.4	77.0



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: 49.493 ug/l

RT: 8.71 min Scan# 1240

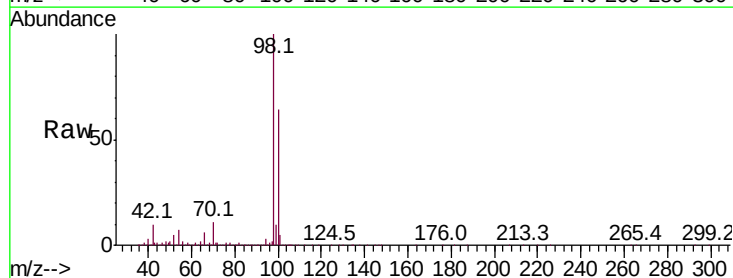
Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

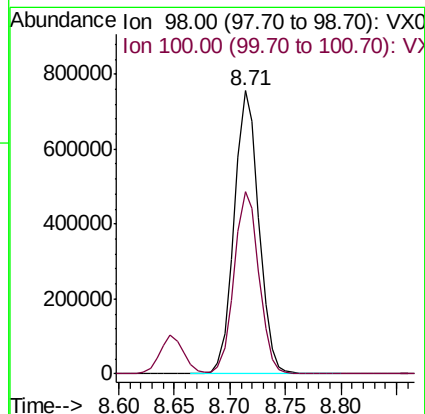
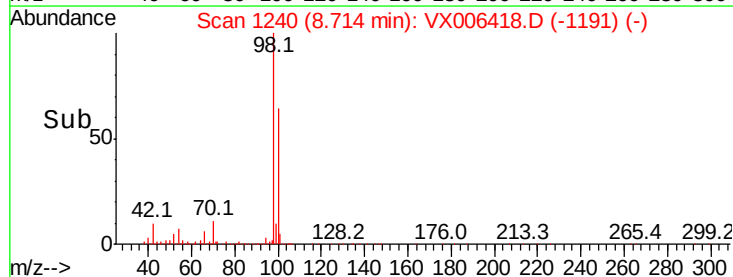
Tgt Ion: 98 Resp: 1155383

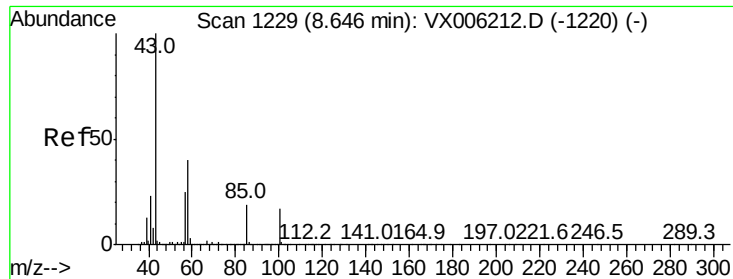
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2



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: 96.097 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

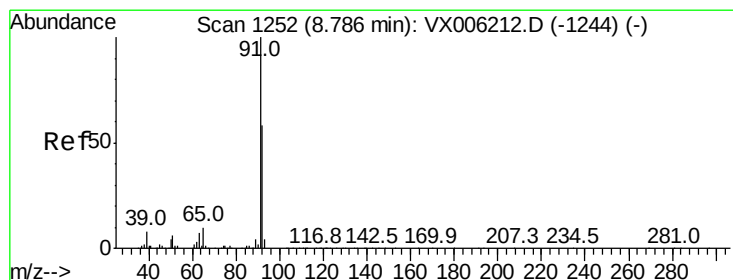
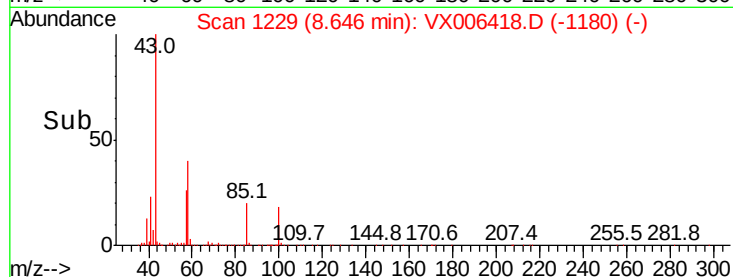
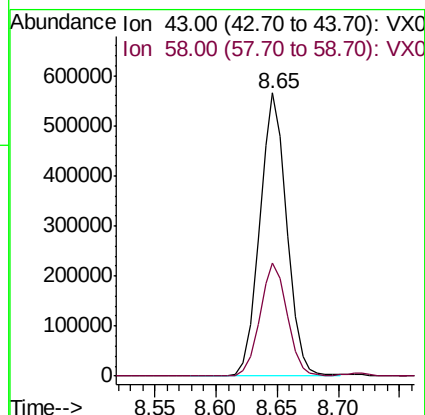
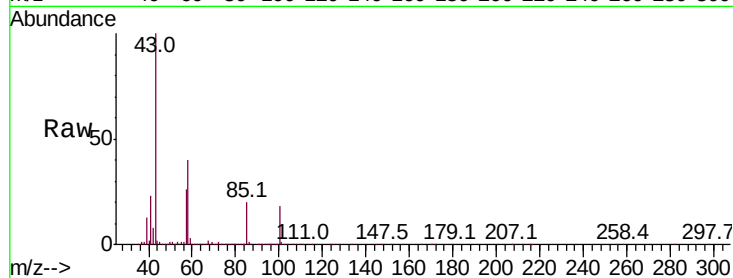
ClientSampleId :

Tot Ion: 43 Resp: 871877

Ion Ratio Lower Upper

43 100

58 40.2 31.3 46.9



#52

Toluene

Concen: 19.257 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006418.D

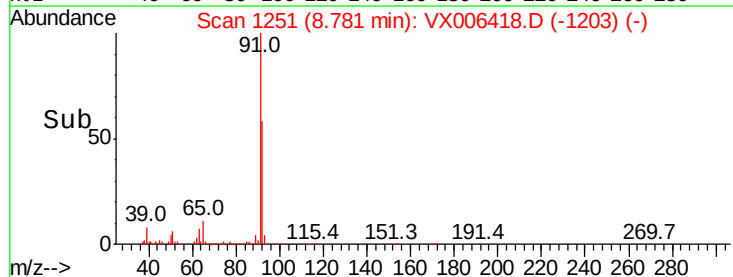
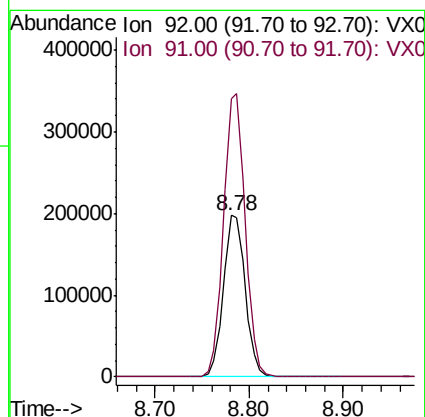
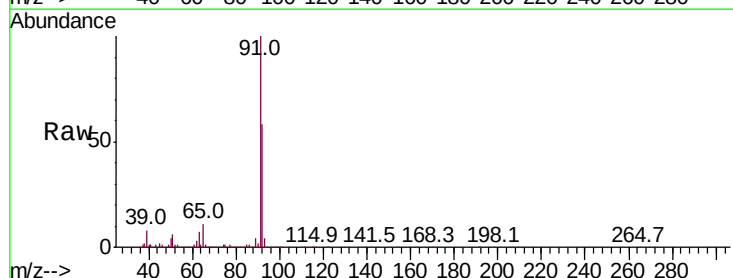
Acq: 11 Dec 2018 14:11

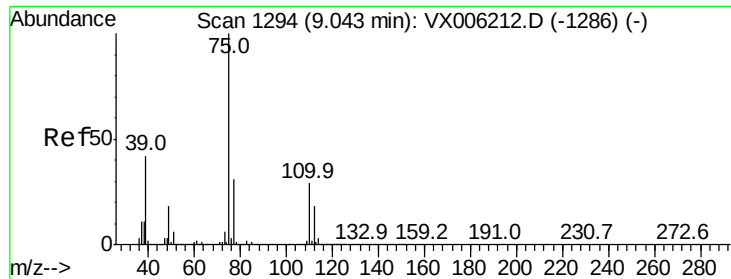
Tgt Ion: 92 Resp: 316728

Ion Ratio Lower Upper

92 100

91 174.3 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 16.412 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

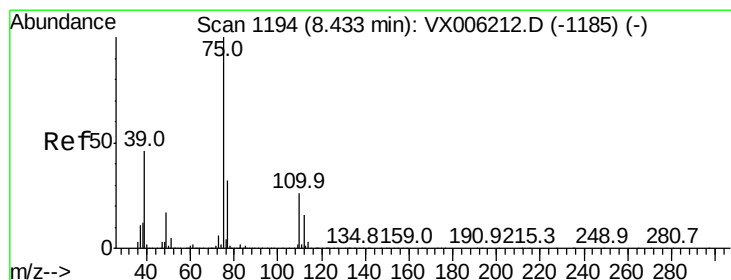
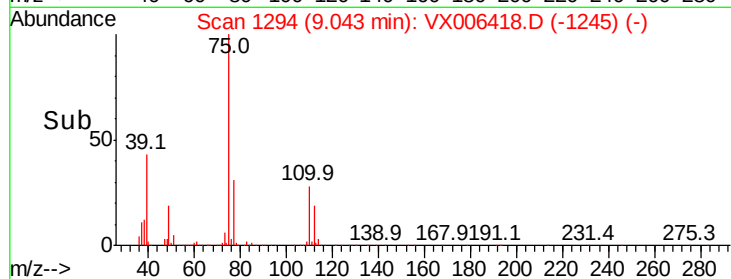
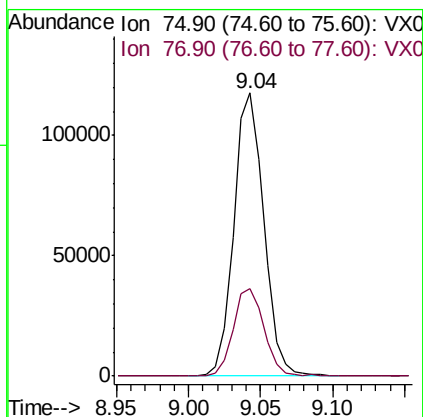
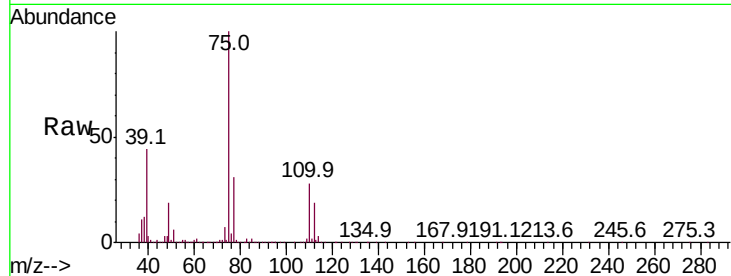
ClientSampled :

Tot Ion: 75 Resp: 170567

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 17.635 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

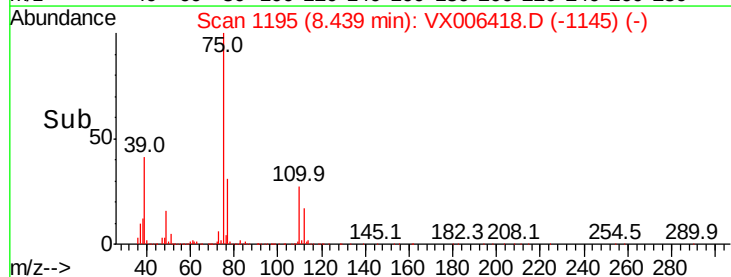
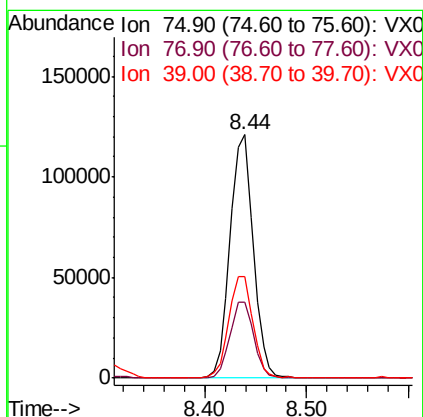
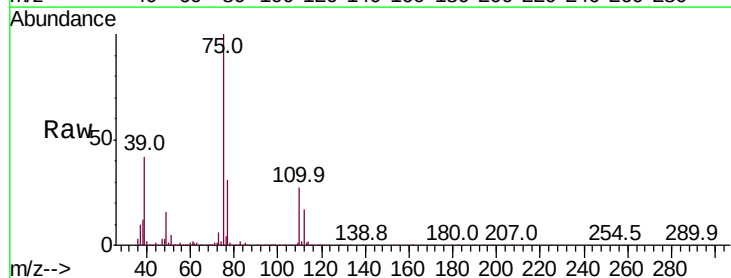
Tgt Ion: 75 Resp: 190318

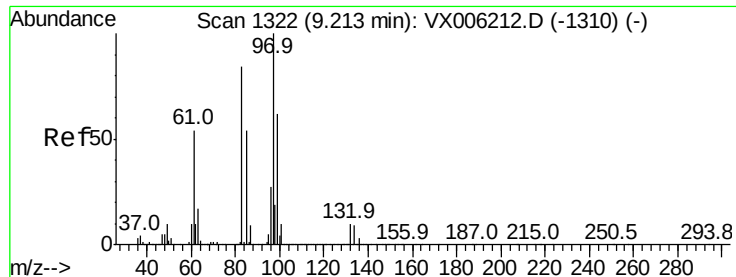
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

39 41.4 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 20.346 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 135951

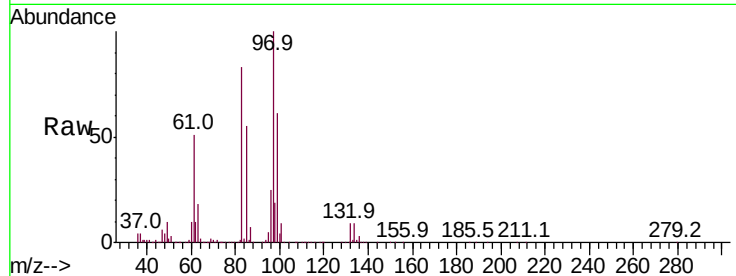
Ion Ratio Lower Upper

97 100

83 82.6 67.1 100.7

85 55.1 43.2 64.8

99 61.2 49.8 74.6

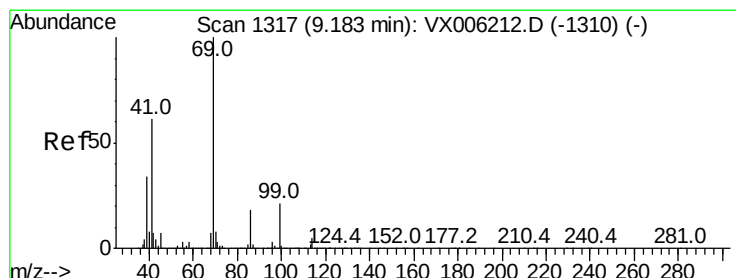
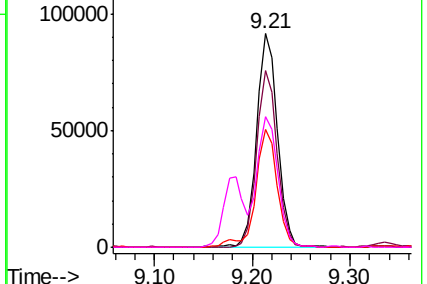
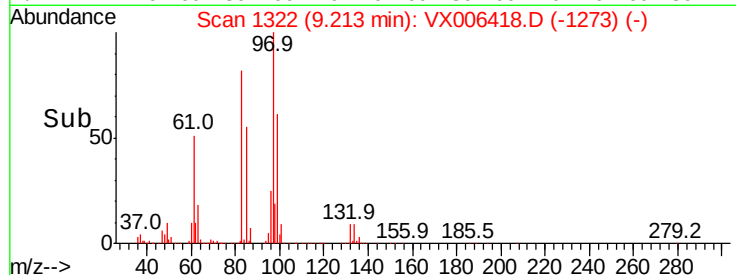


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.952 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

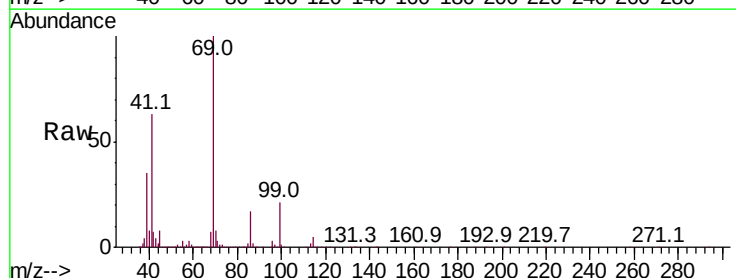
Tgt Ion: 69 Resp: 197976

Ion Ratio Lower Upper

69 100

41 60.6 50.6 76.0

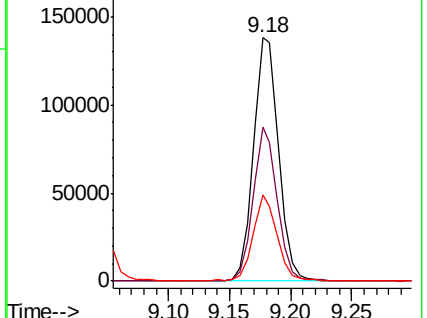
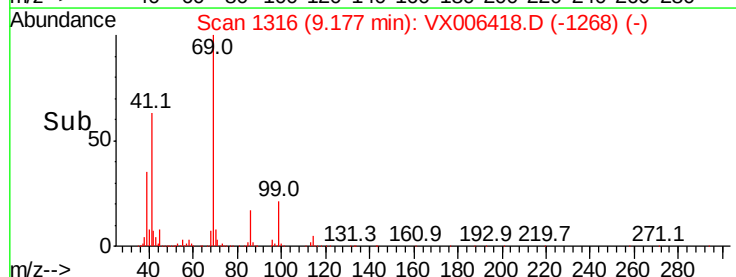
39 33.4 27.6 41.4

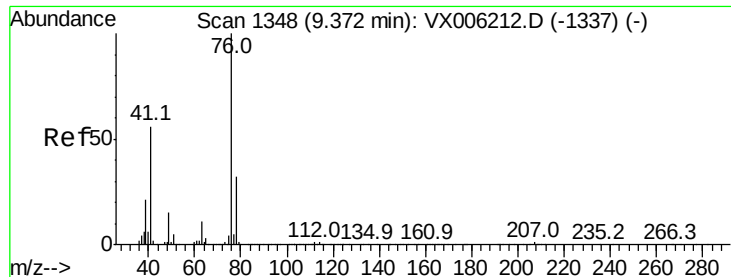


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.014 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

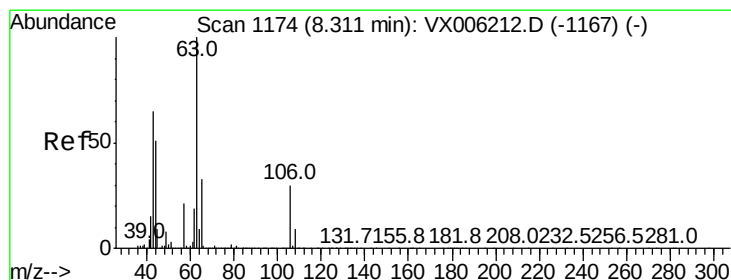
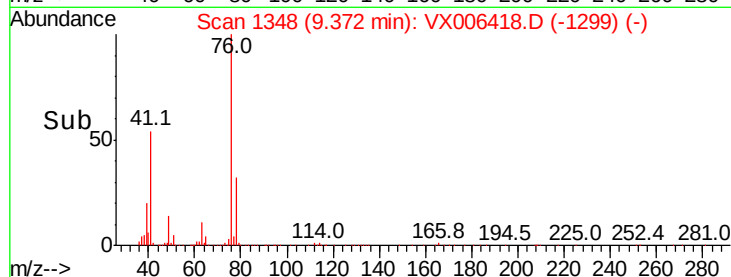
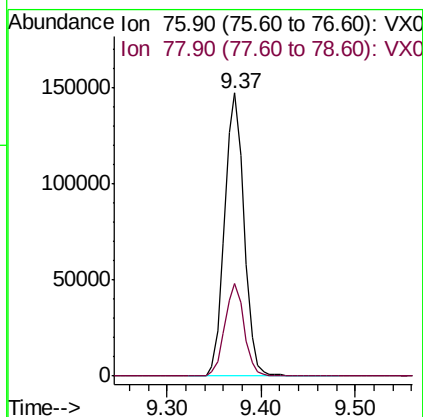
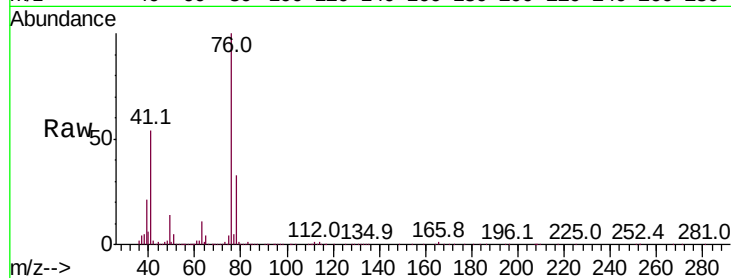
ClientSampleId :

Tot Ion: 76 Resp: 211475

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 95.387 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006418.D

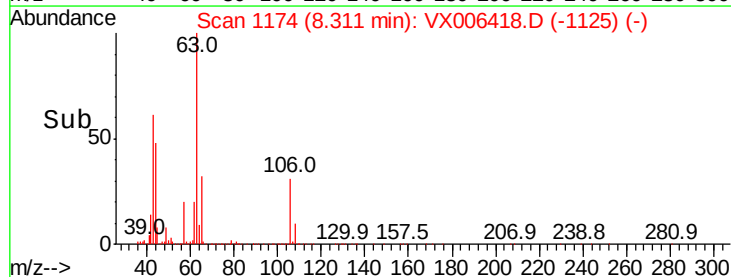
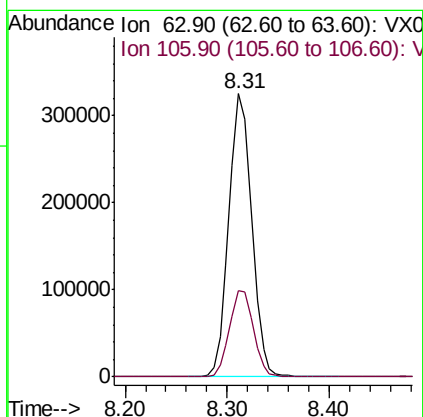
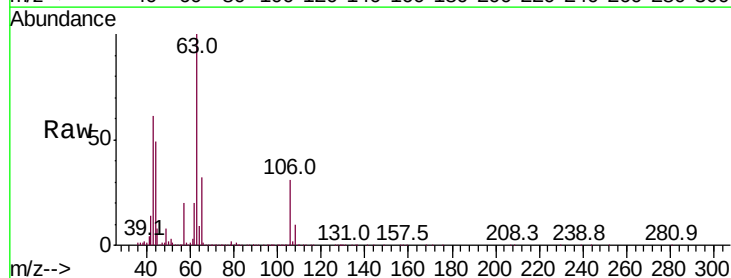
Acq: 11 Dec 2018 14:11

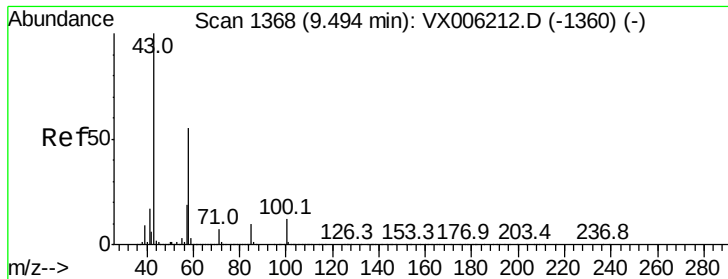
Tgt Ion: 63 Resp: 505633

Ion Ratio Lower Upper

63 100

106 31.9 24.9 37.3

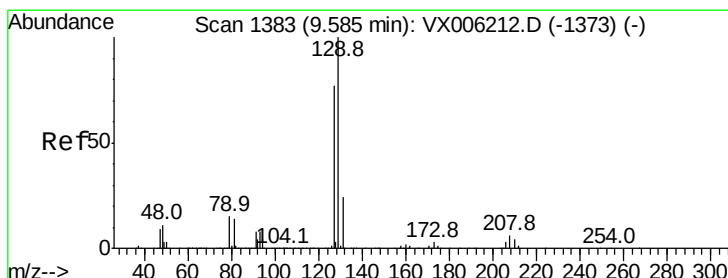
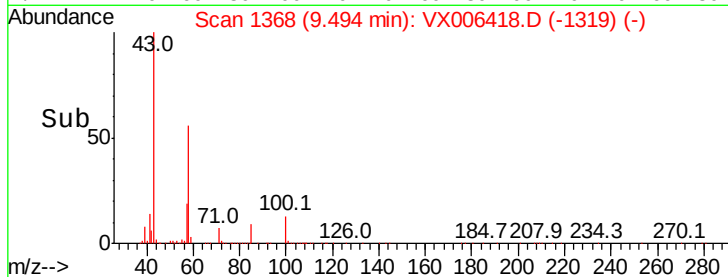
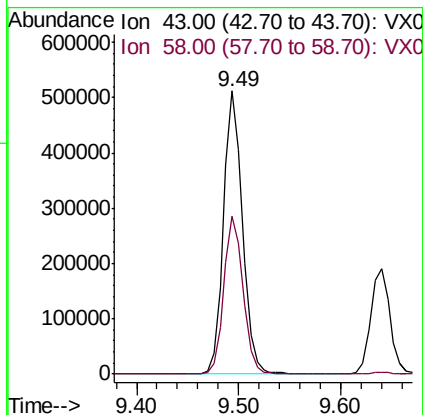
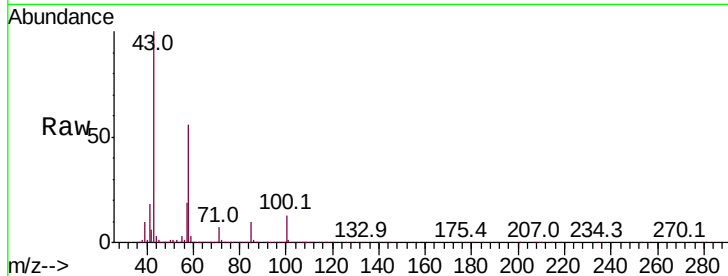




#59
2-Hexanone
Concen: 95.432 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

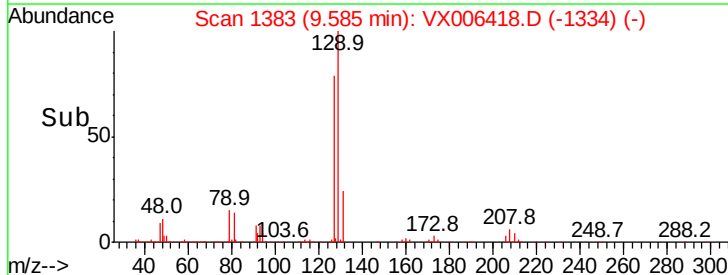
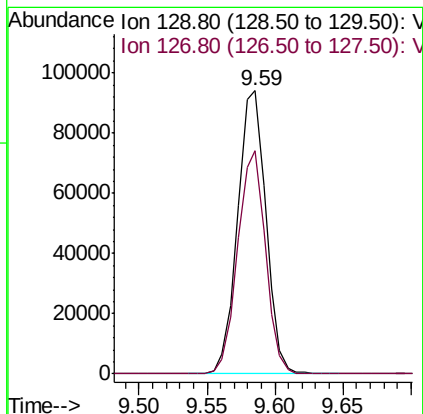
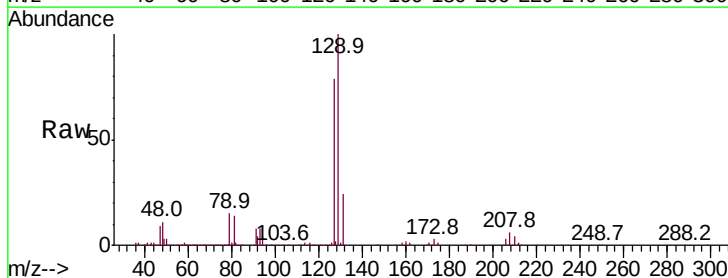
Instrument :
MSVOA_X
ClientSampled :

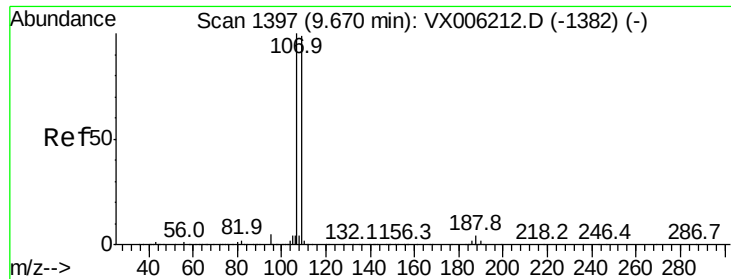
Tot Ion: 43 Resp: 661504
Ion Ratio Lower Upper
43 100
58 56.5 27.7 83.1



#60
Dibromochloromethane
Concen: 16.575 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion: 129 Resp: 136571
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.893 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

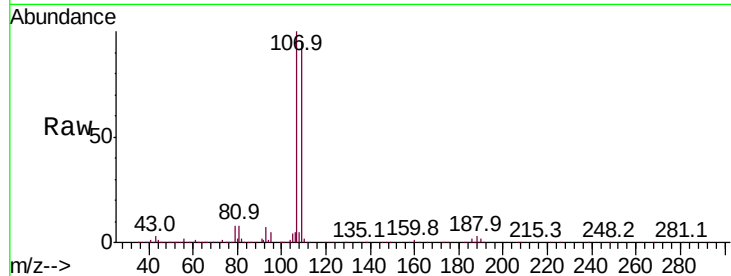
ClientSampled :

Tot Ion:107 Resp: 141155

Ion Ratio Lower Upper

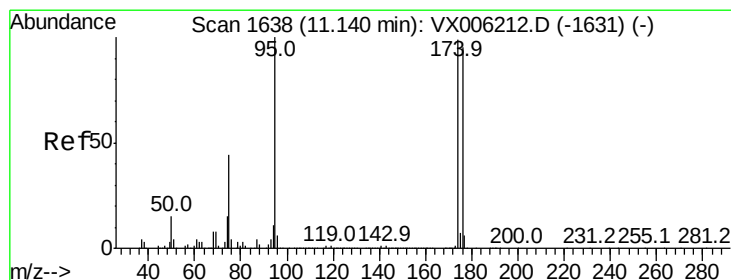
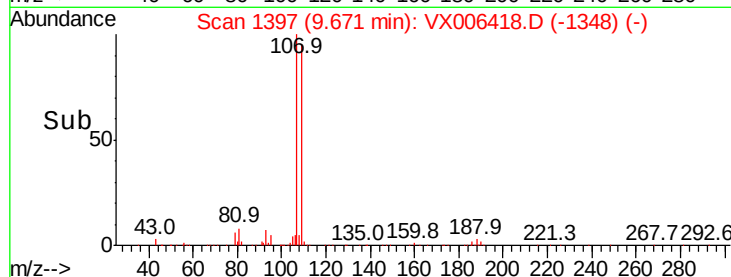
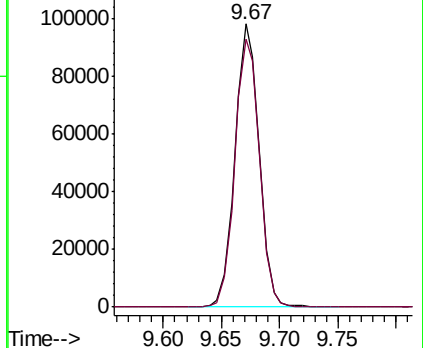
107 100

109 96.8 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.829 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

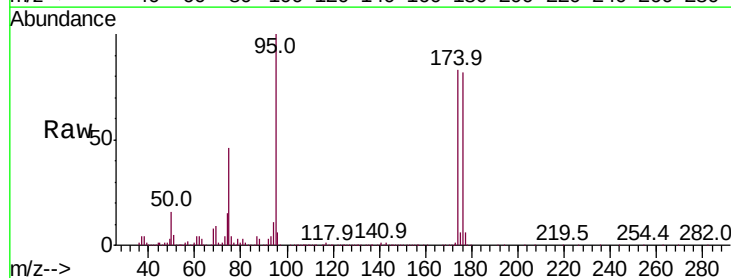
Tgt Ion: 95 Resp: 438330

Ion Ratio Lower Upper

95 100

174 90.9 0.0 187.0

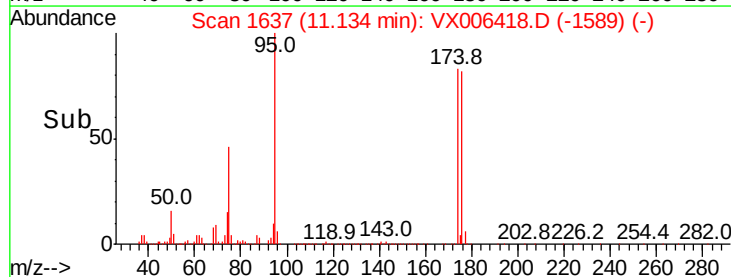
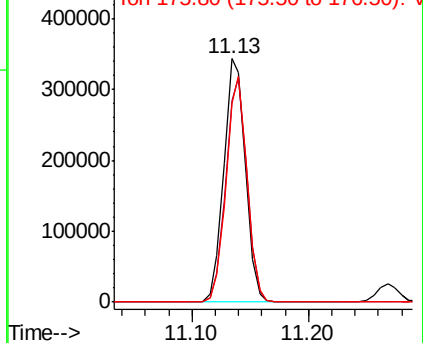
176 89.8 0.0 181.8

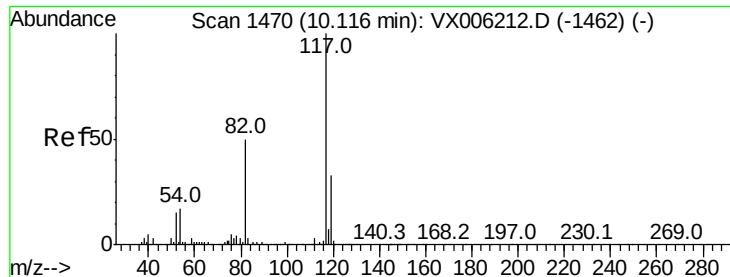


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

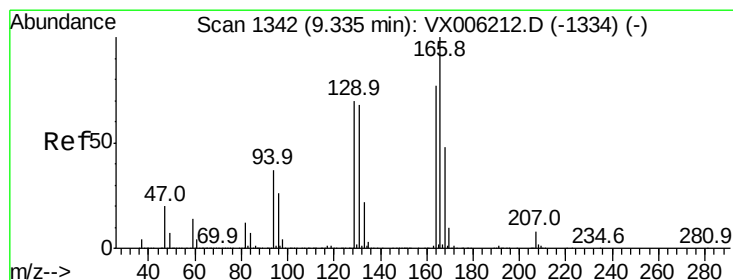
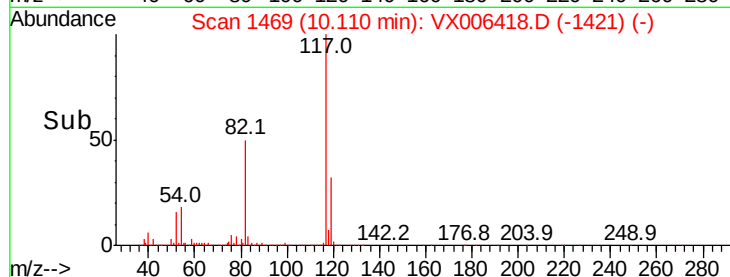
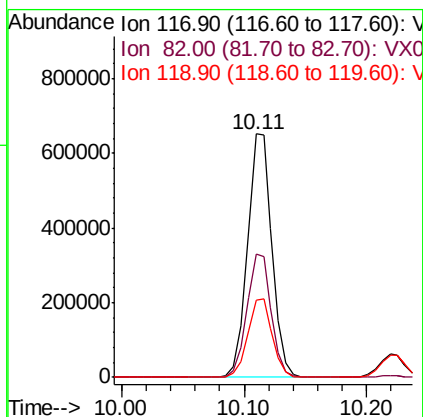
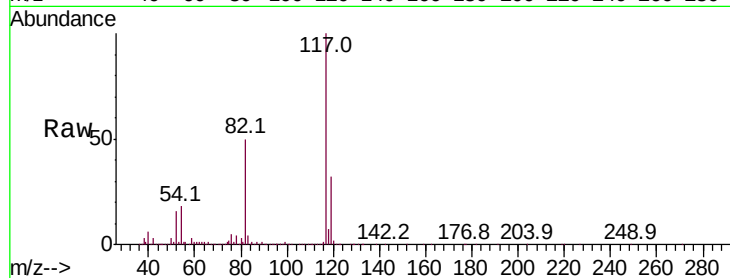




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

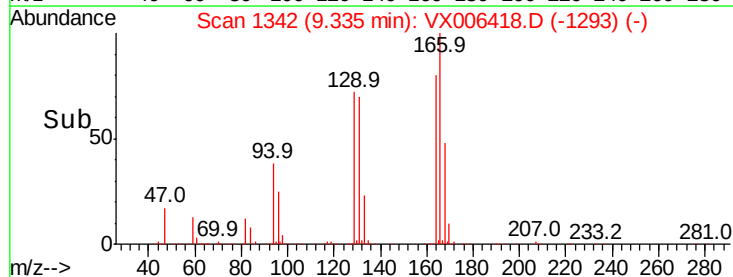
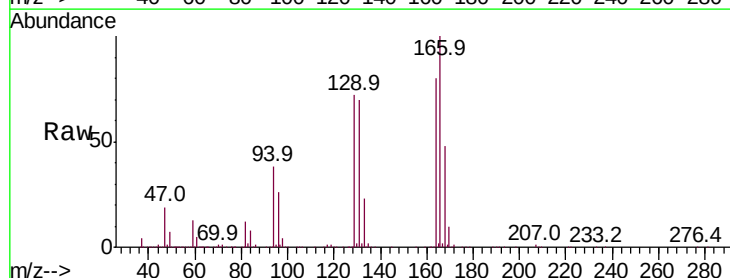
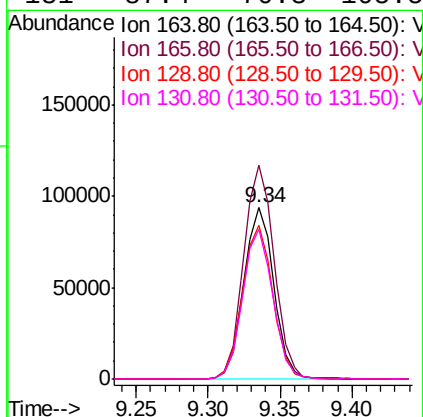
Instrument :
MSVOA_X
ClientSampleId :

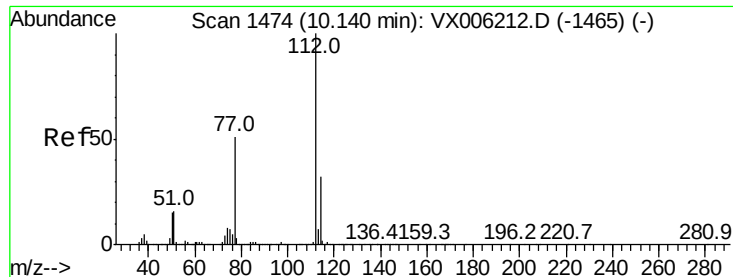
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	39.6	59.4
119	31.7	26.3	39.5



#64
Tetrachloroethene
Concen: 19.795 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	104.2	156.2
129	89.8	72.6	108.8
131	87.4	70.3	105.5

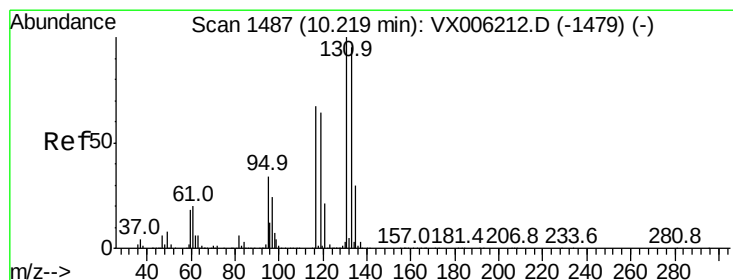
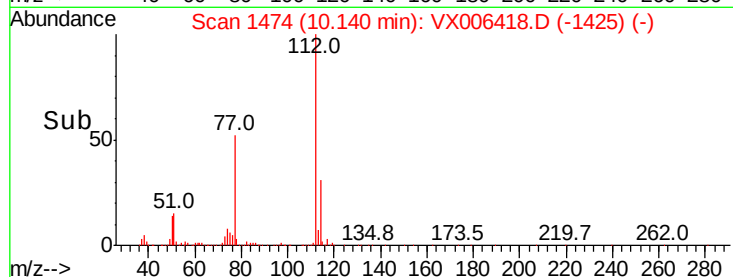
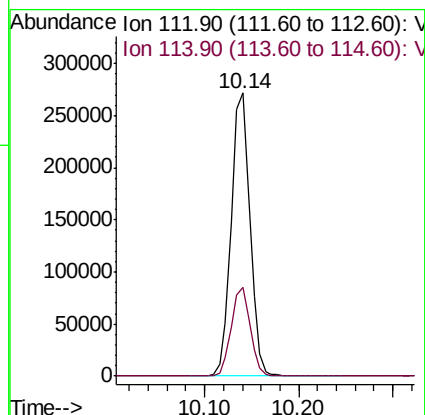
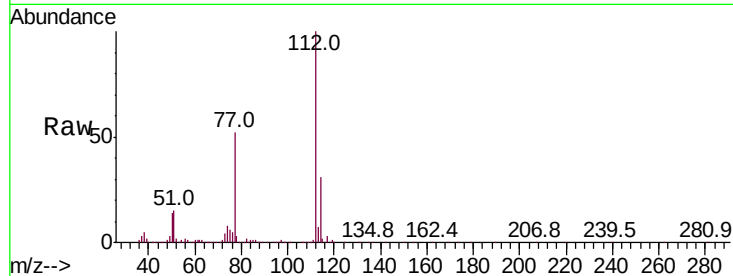




#65
Chlorobenzene
Concen: 19.674 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

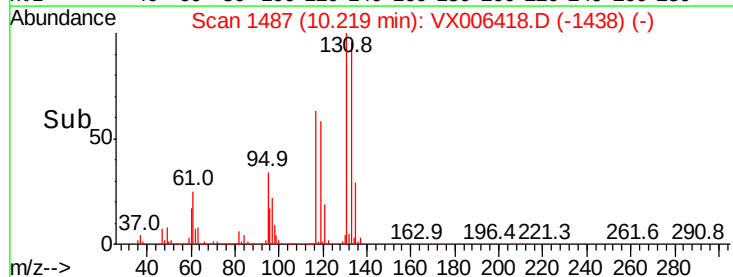
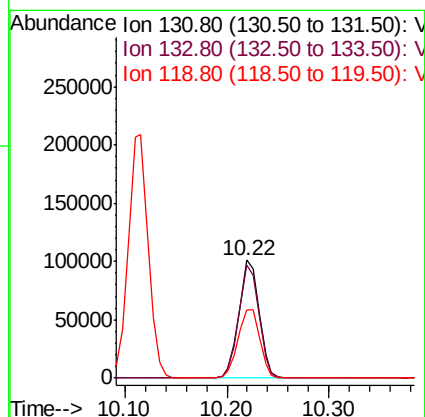
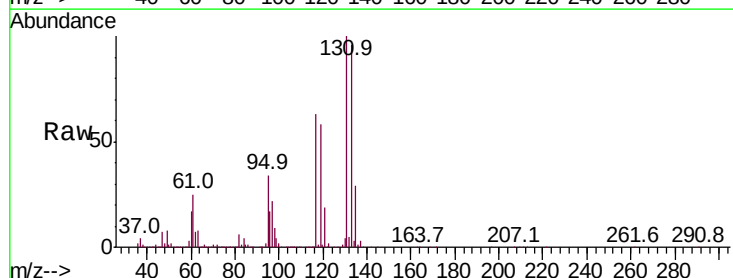
Instrument :
MSVOA_X
ClientSampleId :

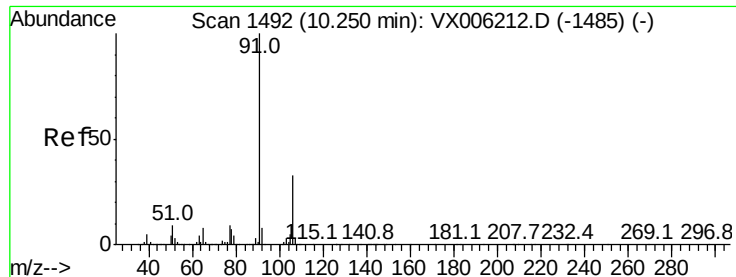
Tot Ion:112 Resp: 377488
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.461 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion:131 Resp: 137622
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 62.8 32.1 96.3





#67

Ethyl Benzene

Concen: 19.003 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

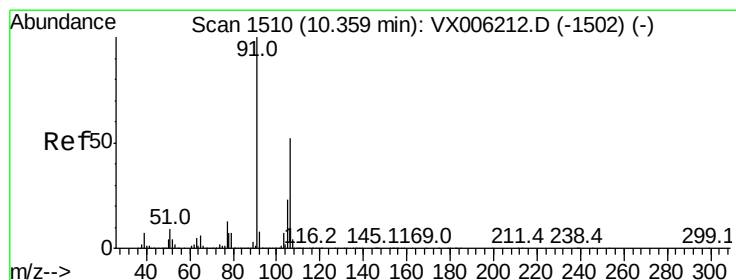
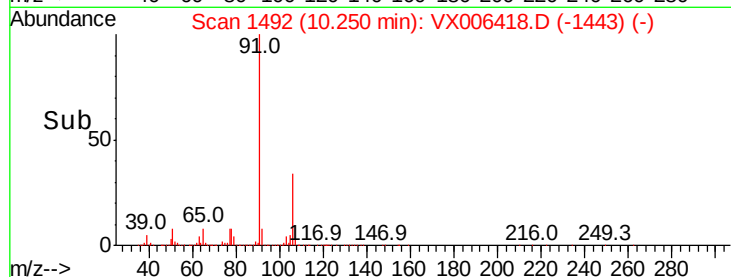
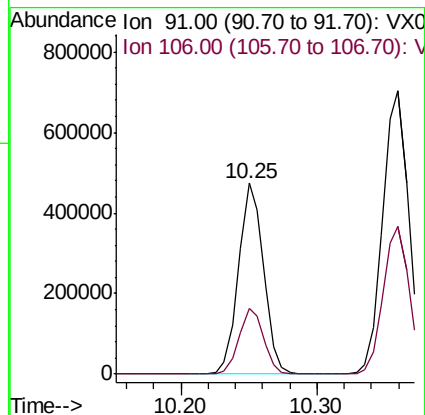
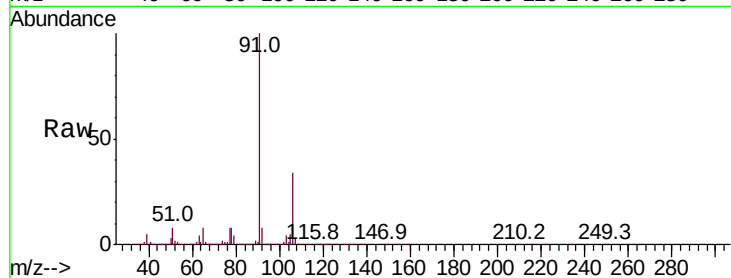
ClientSampleId :

Tot Ion: 91 Resp: 606413

Ion Ratio Lower Upper

91 100

106 34.2 26.5 39.7



#68

m/p-Xylenes

Concen: 38.240 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006418.D

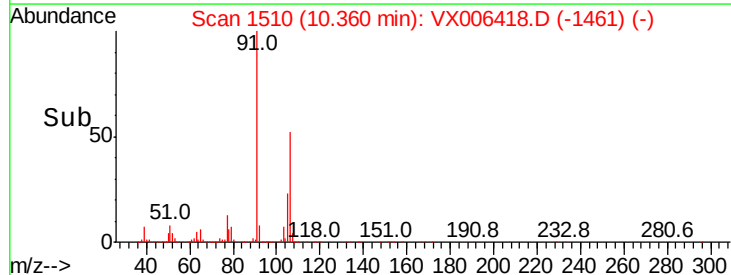
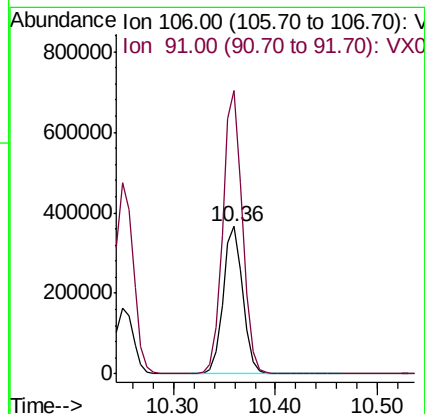
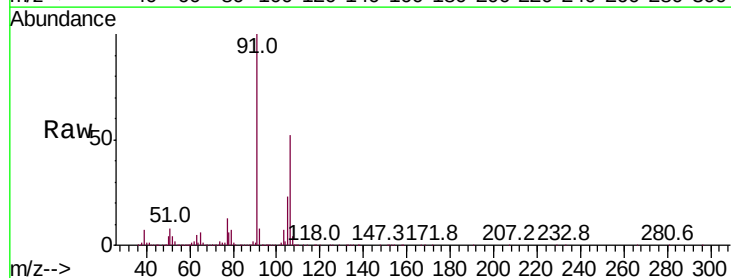
Acq: 11 Dec 2018 14:11

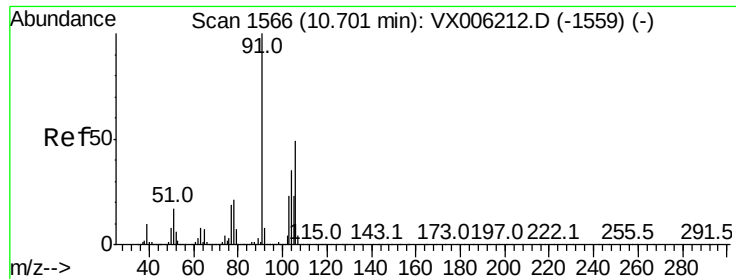
Tgt Ion: 106 Resp: 488819

Ion Ratio Lower Upper

106 100

91 192.0 155.2 232.8

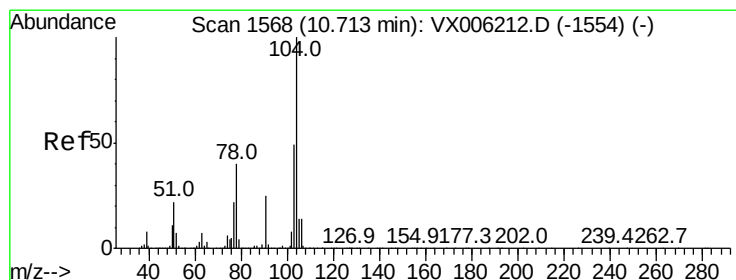
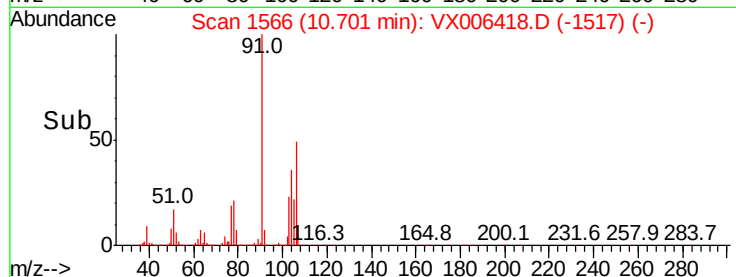
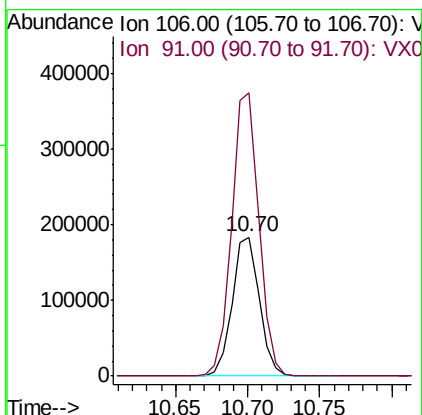
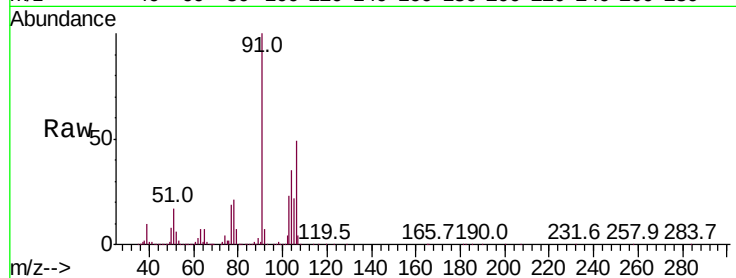




#69
o-Xylene
Concen: 19.178 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

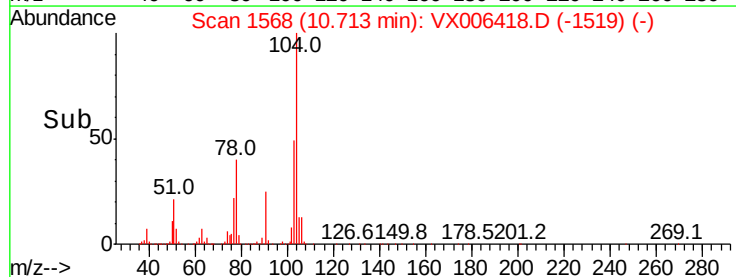
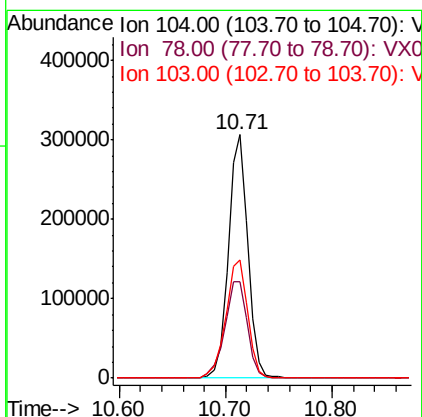
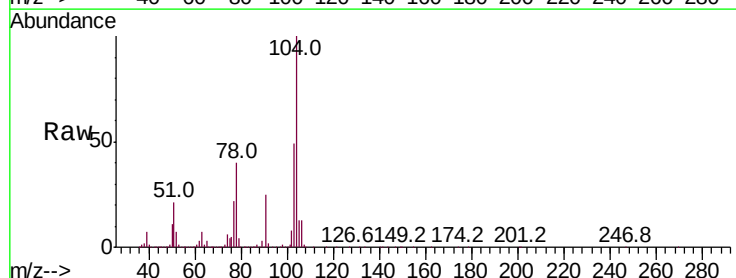
Instrument :
MSVOA_X
ClientSampleId :

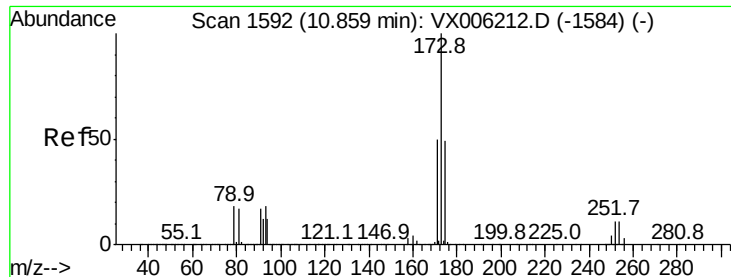
Tot Ion:106 Resp: 242150
Ion Ratio Lower Upper
106 100
91 204.3 101.8 305.6



#70
Styrene
Concen: 19.160 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion:104 Resp: 391277
Ion Ratio Lower Upper
104 100
78 46.2 37.2 55.8
103 54.8 43.5 65.3





#71

Bromoform

Concen: 15.024 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

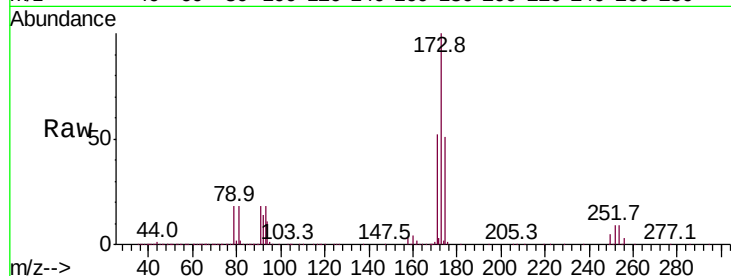
Tot Ion:173 Resp: 105728

Ion Ratio Lower Upper

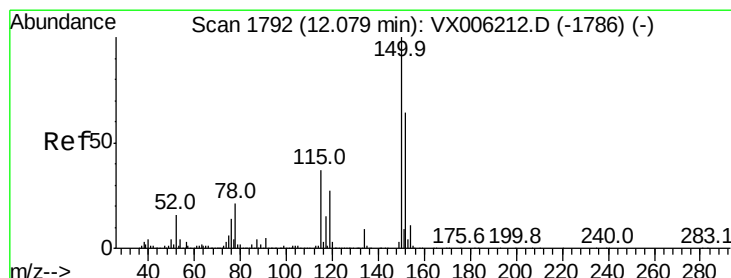
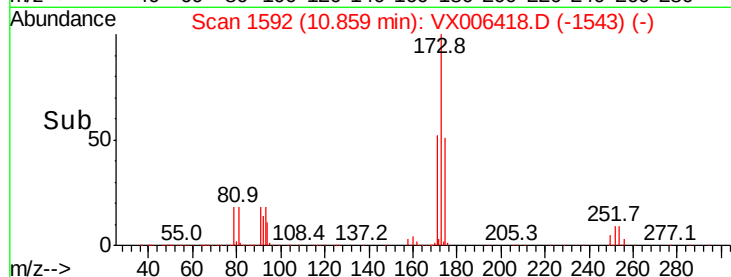
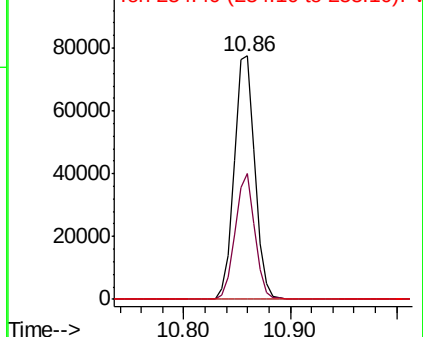
173 100

175 49.1 24.6 73.8

254 0.3 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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

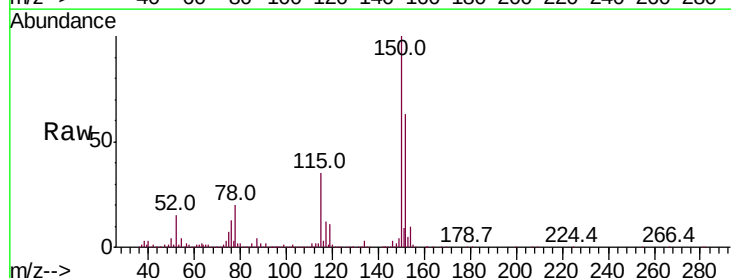
Tgt Ion:152 Resp: 468792

Ion Ratio Lower Upper

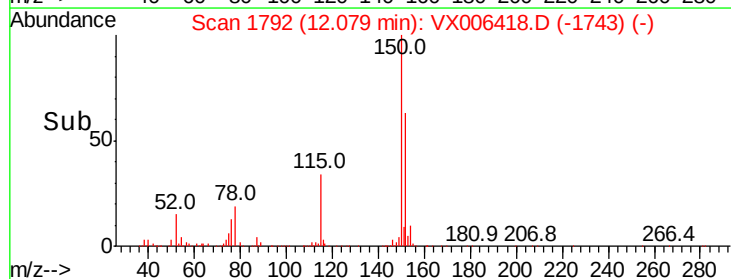
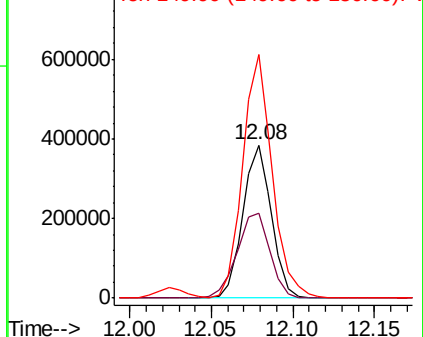
152 100

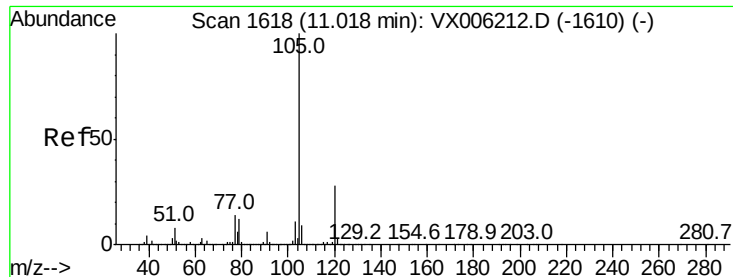
115 64.4 39.0 116.9

150 164.1 0.0 345.8



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: 19.802 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

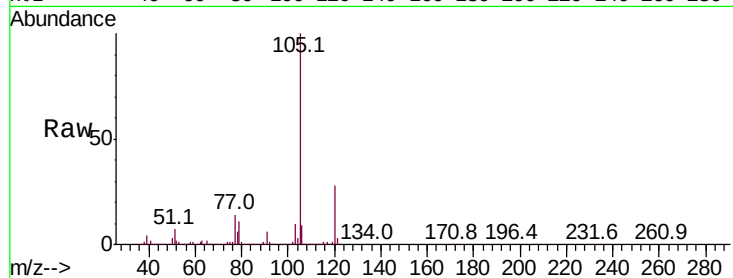
ClientSampleId :

Tot Ion:105 Resp: 641071

Ion Ratio Lower Upper

105 100

120 28.6 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

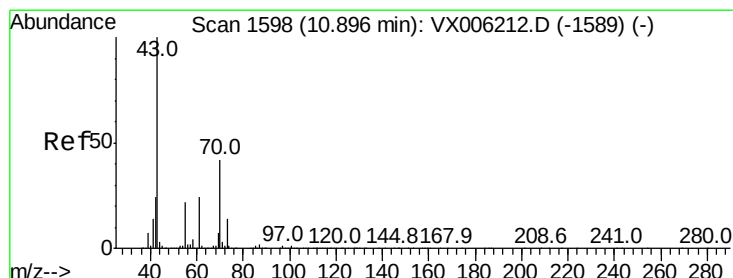
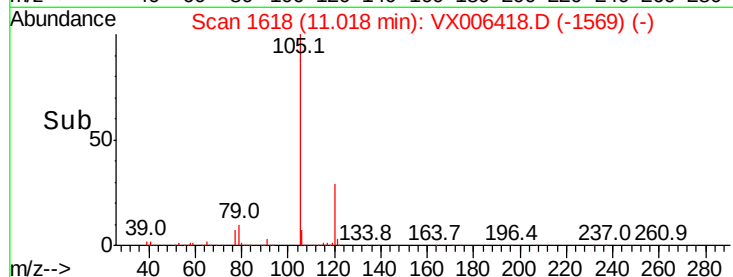
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 17.970 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Tgt Ion: 43 Resp: 250516

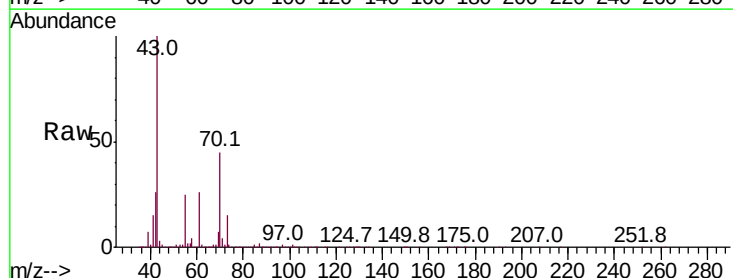
Ion Ratio Lower Upper

43 100

70 44.8 34.1 51.1

55 23.8 17.8 26.8

61 25.0 19.7 29.5



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

300000

250000

200000

150000

100000

50000

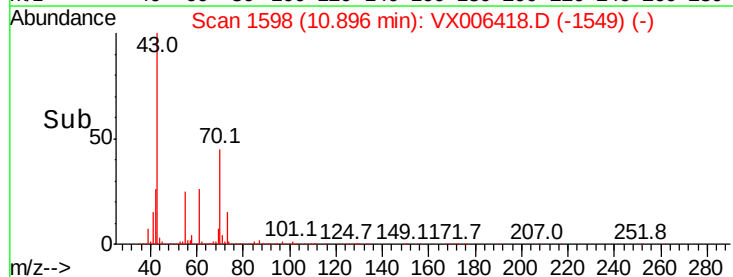
0

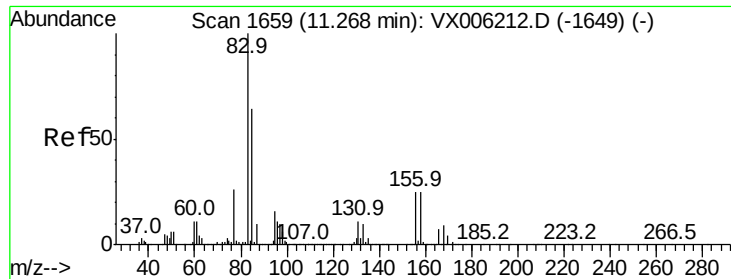
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.465 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

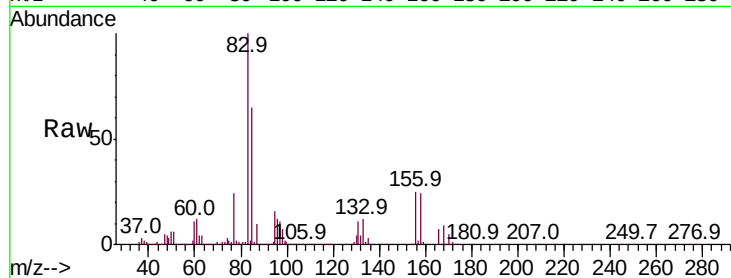
Tot Ion: 83 Resp: 201601

Ion Ratio Lower Upper

83 100

131 11.8 5.7 17.1

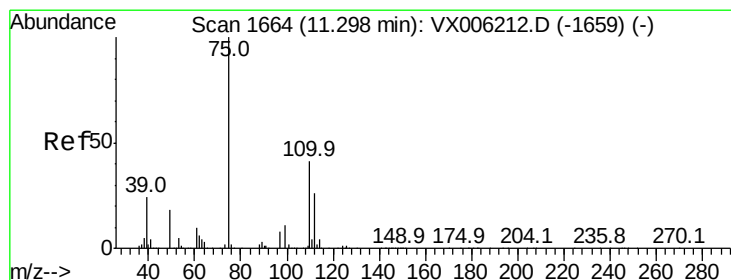
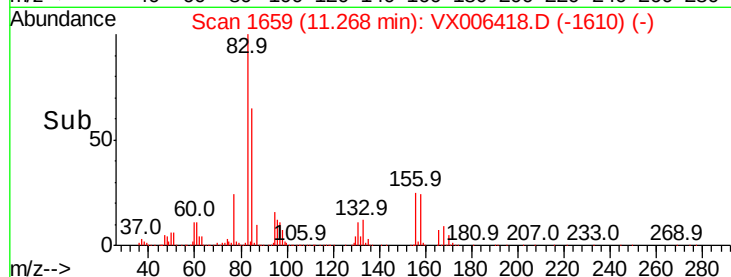
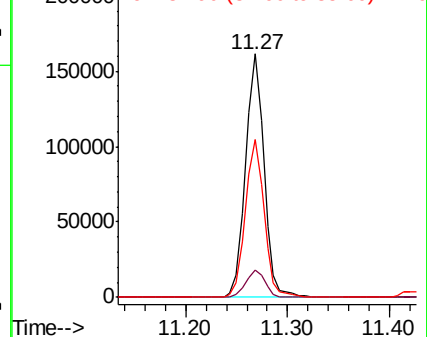
85 66.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.251 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006418.D

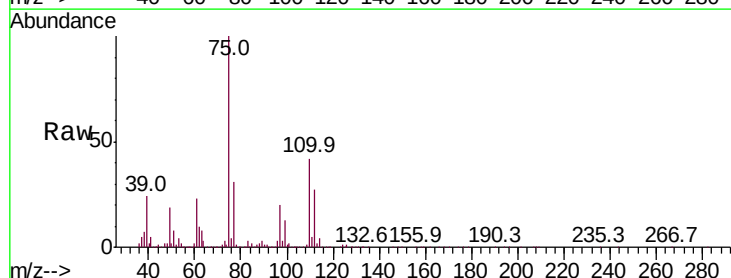
Acq: 11 Dec 2018 14:11

Tgt Ion: 75 Resp: 228480

Ion Ratio Lower Upper

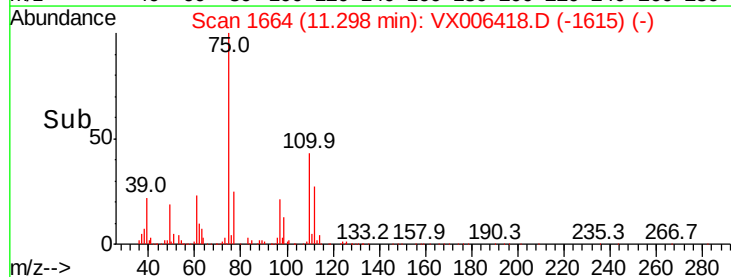
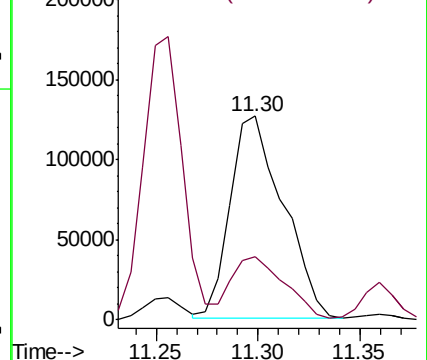
75 100

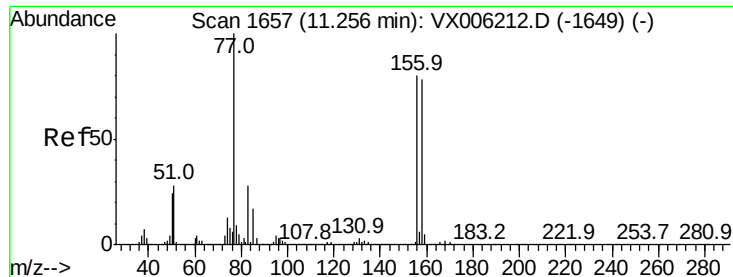
77 30.9 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.654 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

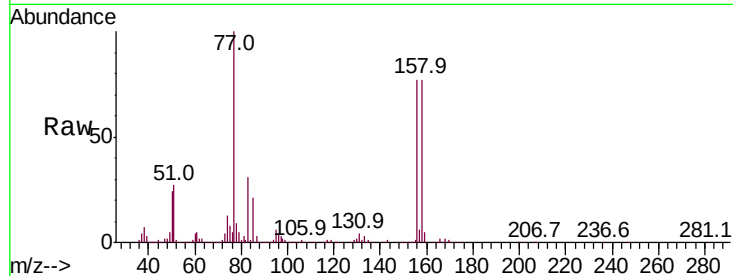
Tot Ion:156 Resp: 176582

Ion Ratio Lower Upper

156 100

77 134.4 66.2 198.6

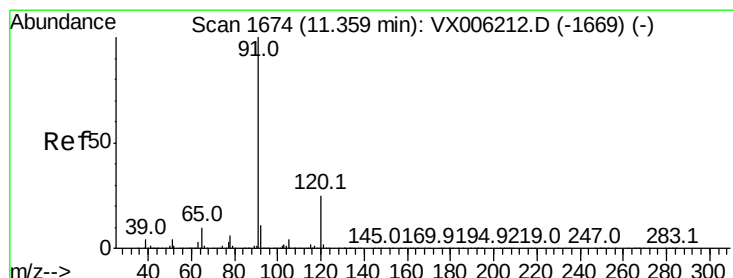
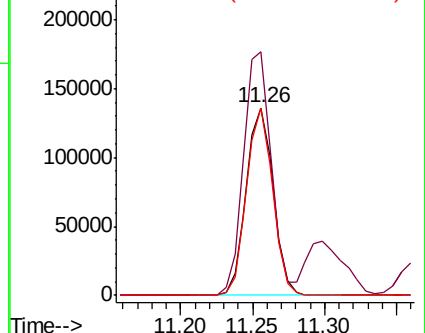
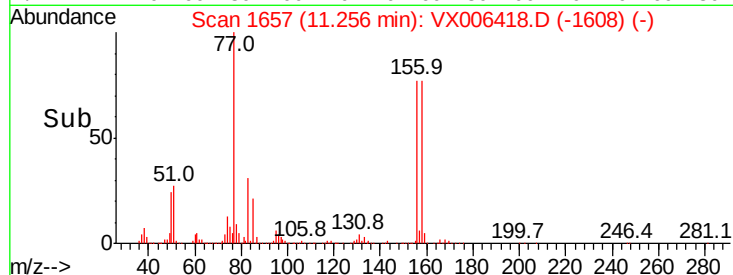
158 96.9 48.8 146.4



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: 19.202 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006418.D

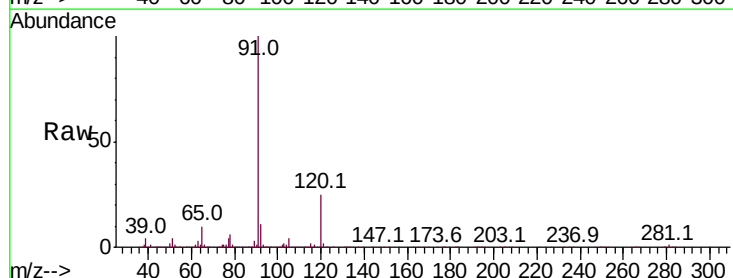
Acq: 11 Dec 2018 14:11

Tgt Ion: 91 Resp: 691025

Ion Ratio Lower Upper

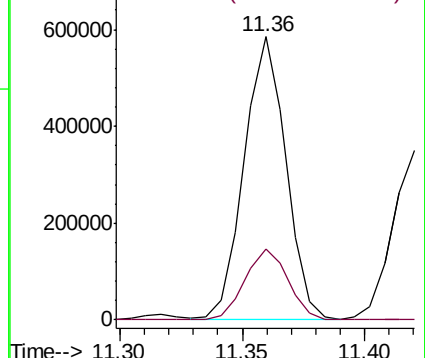
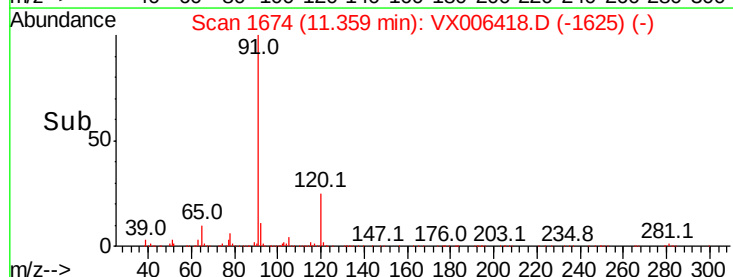
91 100

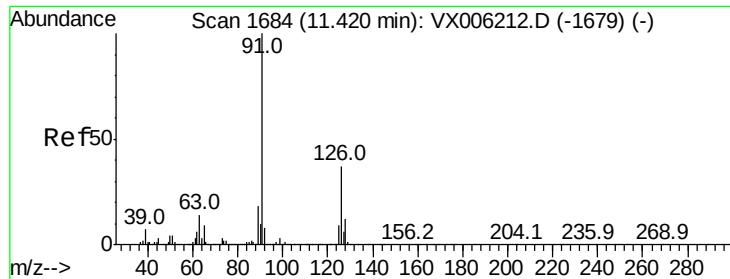
120 26.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

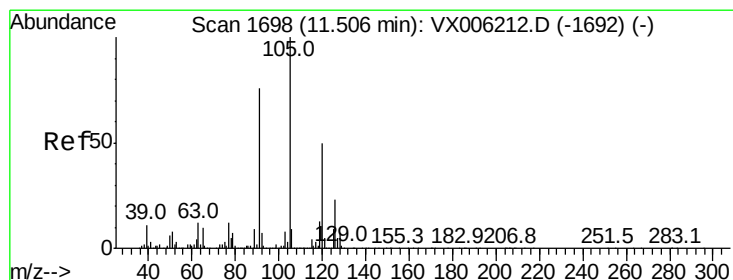
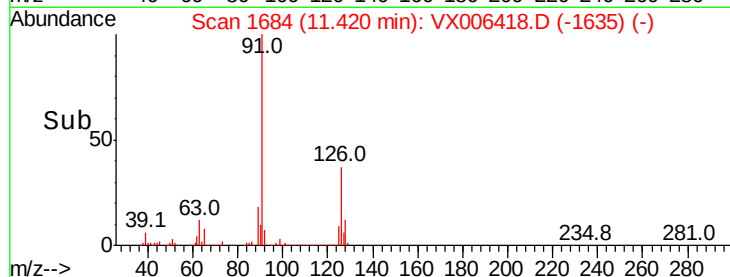
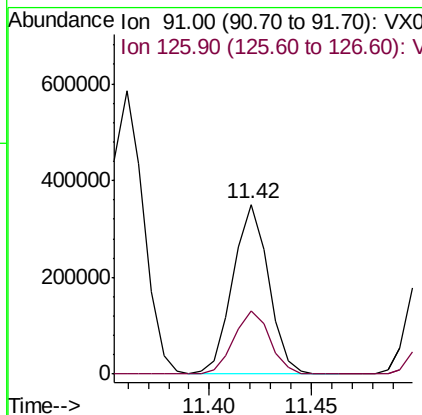
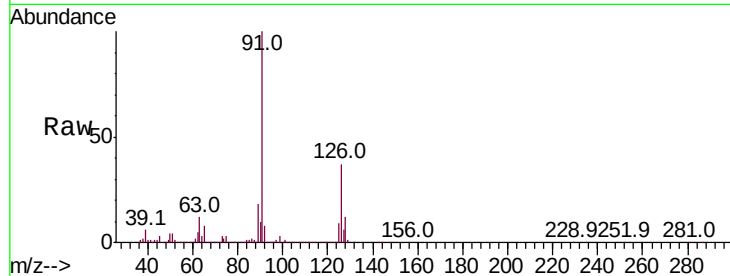




#79
 2-Chlorotoluene
 Concen: 19.800 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006418.D
 Acq: 11 Dec 2018 14:11

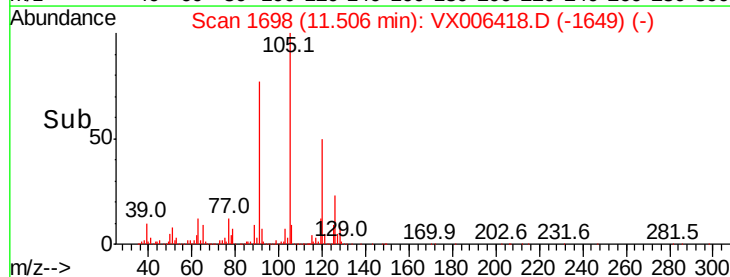
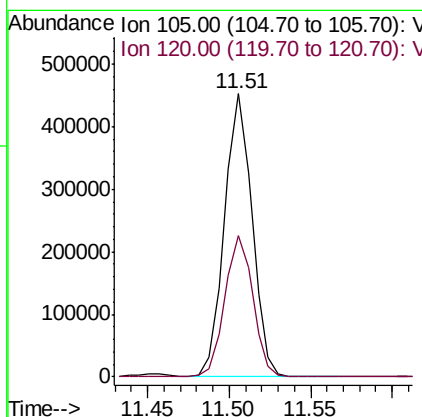
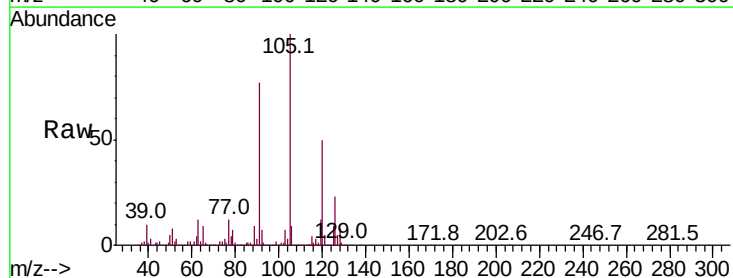
Instrument :
 MSVOA_X
 ClientSampleId :

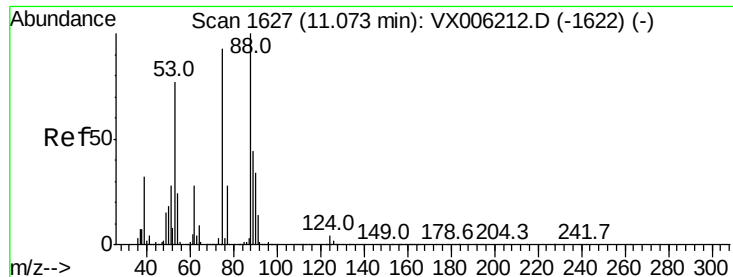
Tot Ion: 91 Resp: 423510
 Ion Ratio Lower Upper
 91 100
 126 37.8 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.770 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006418.D
 Acq: 11 Dec 2018 14:11

Tgt Ion:105 Resp: 532543
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 14.945 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

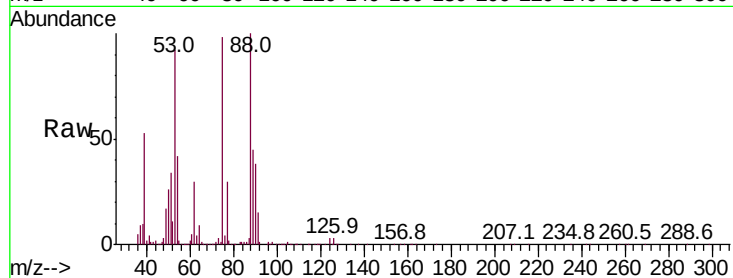
Tot Ion: 75 Resp: 57626

Ion Ratio Lower Upper

75 100

53 92.4 64.4 96.6

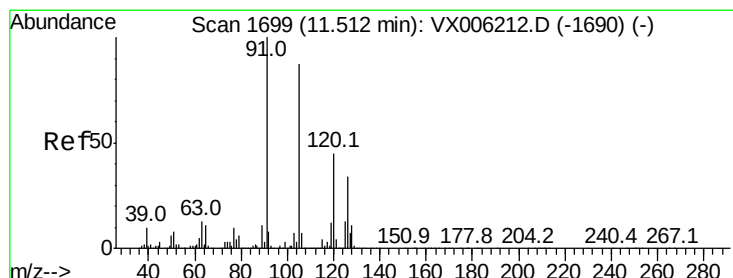
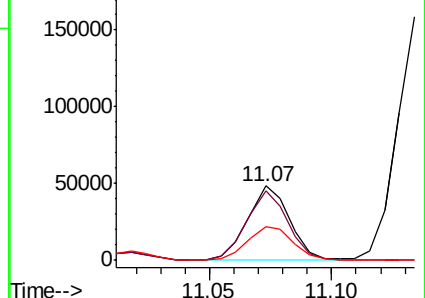
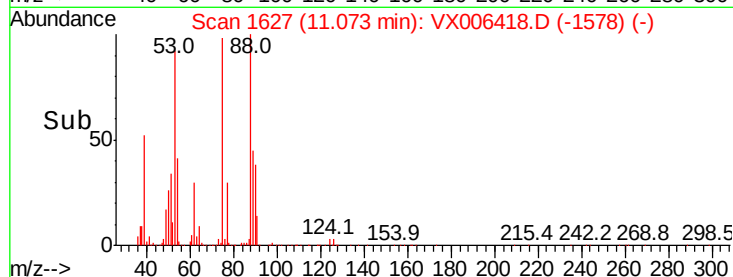
89 49.6 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.640 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006418.D

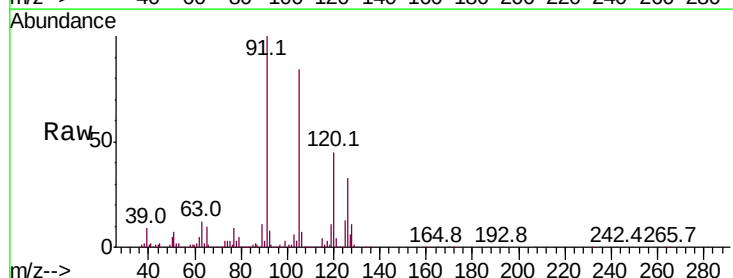
Acq: 11 Dec 2018 14:11

Tgt Ion: 91 Resp: 488428

Ion Ratio Lower Upper

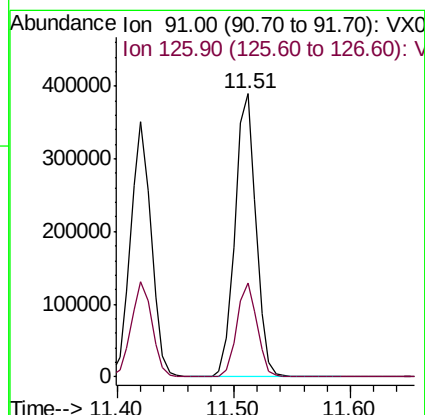
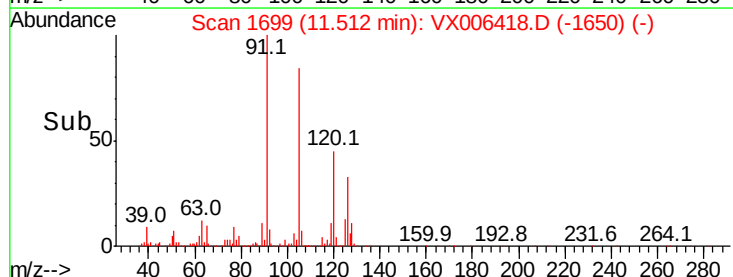
91 100

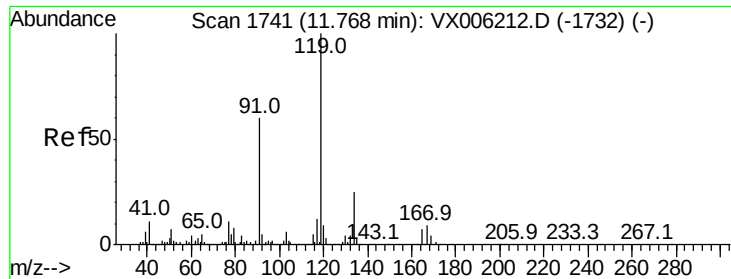
126 32.3 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.541 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

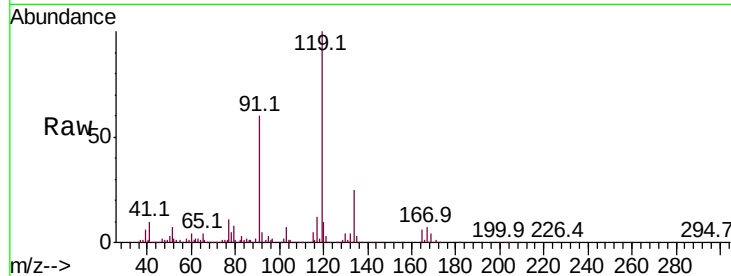
Tot Ion:119 Resp: 561614

Ion Ratio Lower Upper

119 100

91 53.8 26.4 79.2

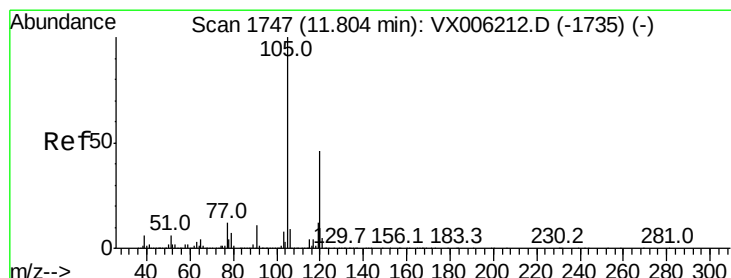
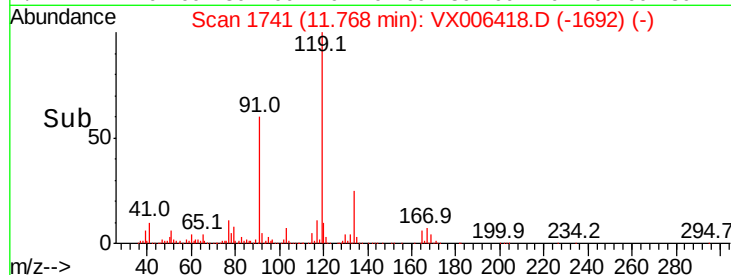
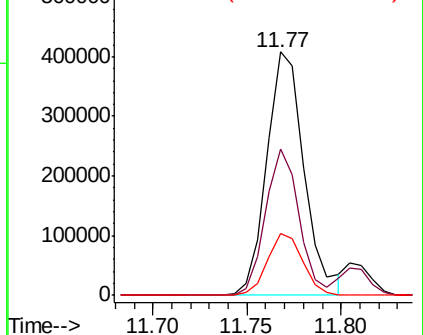
134 23.8 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.292 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006418.D

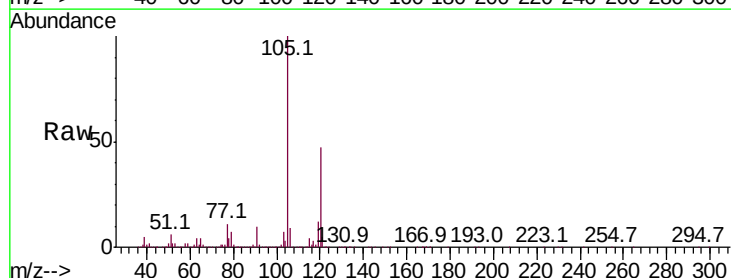
Acq: 11 Dec 2018 14:11

Tgt Ion:105 Resp: 564412

Ion Ratio Lower Upper

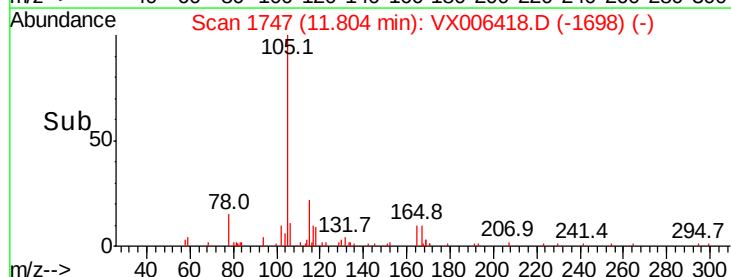
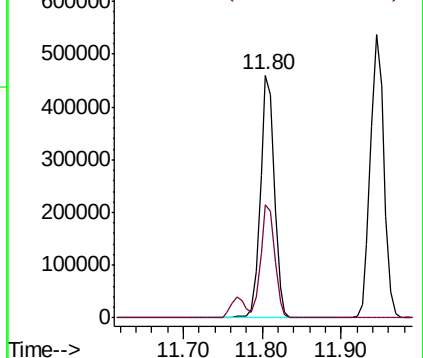
105 100

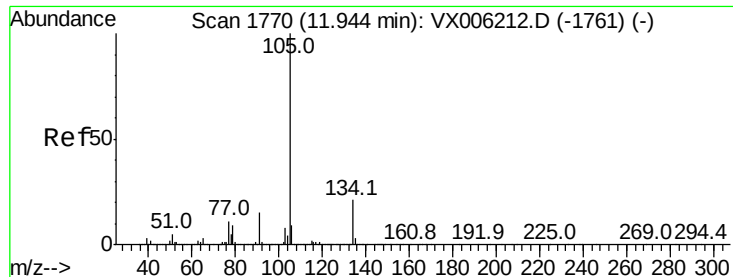
120 46.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.698 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

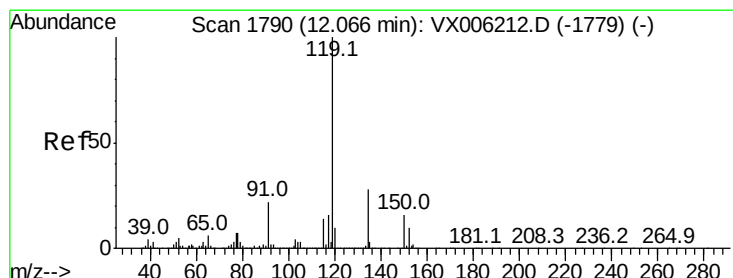
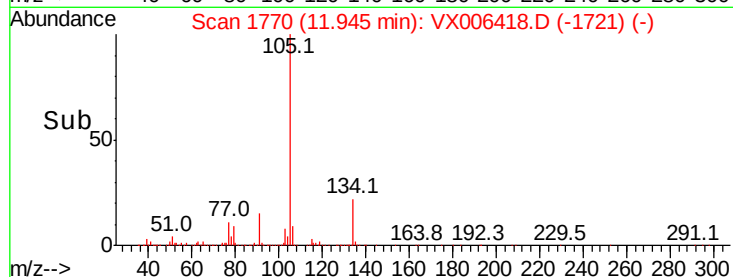
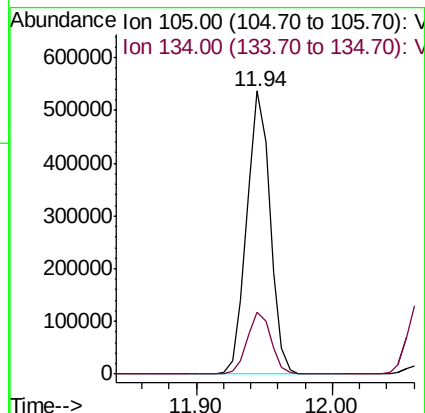
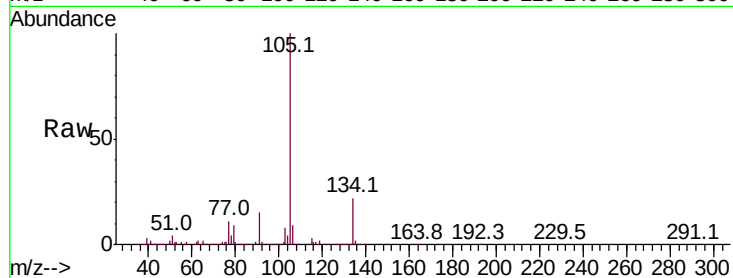
ClientSampleId :

Tot Ion:105 Resp: 644042

Ion Ratio Lower Upper

105 100

134 22.3 10.8 32.4



#86

p-Isopropyltoluene

Concen: 19.651 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

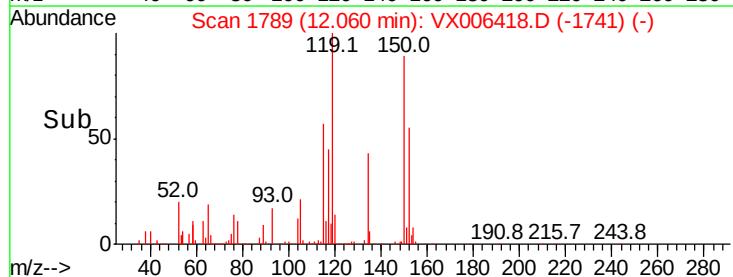
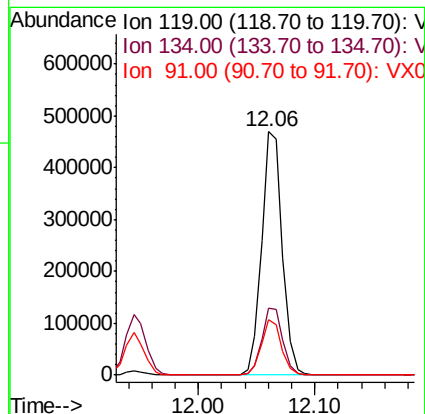
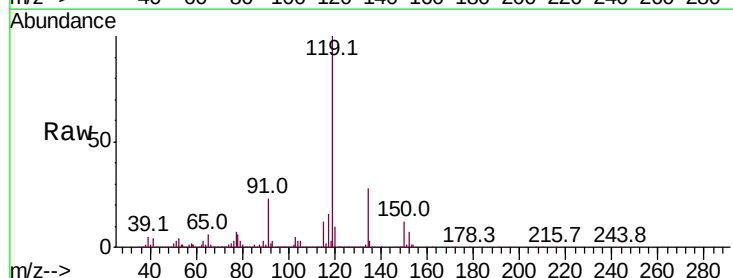
Tgt Ion:119 Resp: 578565

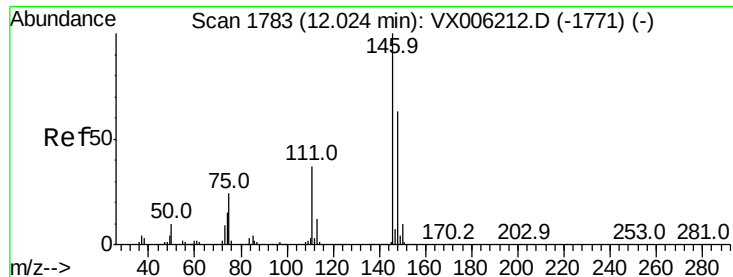
Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.658 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006418.D

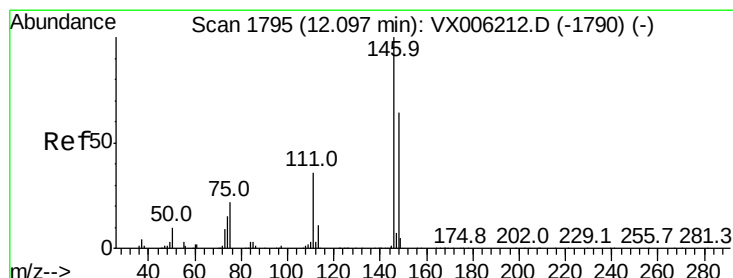
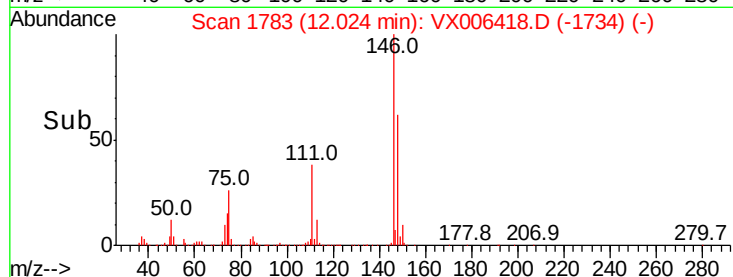
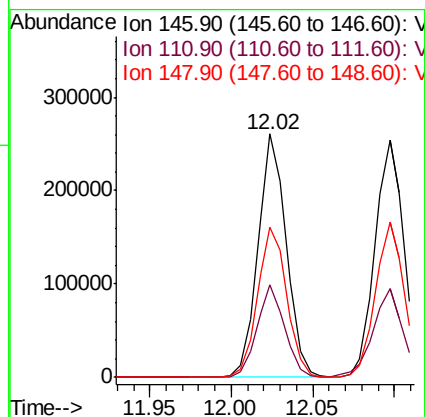
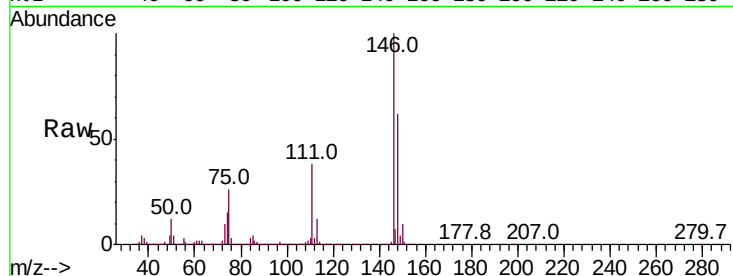
Acq: 11 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	314269
Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.4	55.2
148	63.5	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 19.346 ug/l

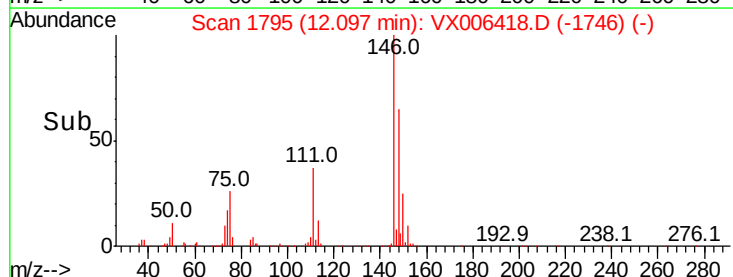
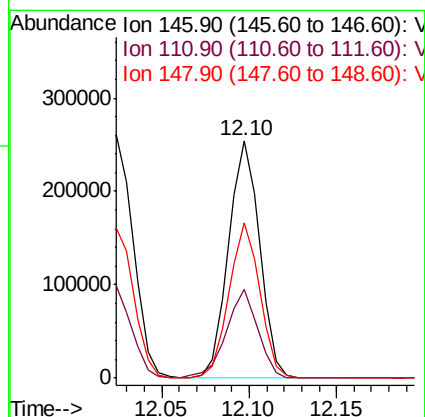
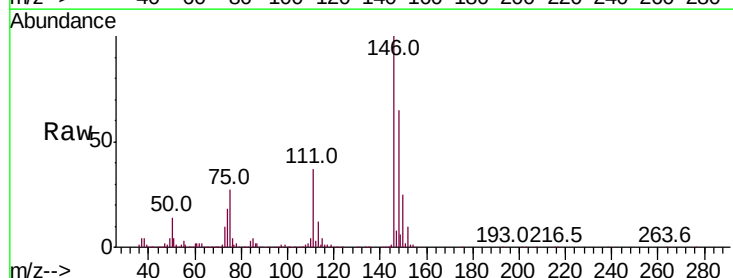
RT: 12.10 min Scan# 1795

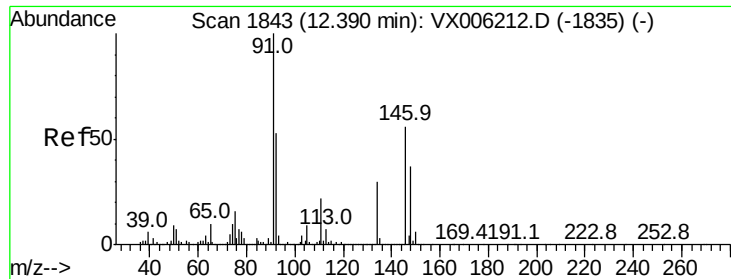
Delta R.T. 0.00 min

Lab File: VX006418.D

Acq: 11 Dec 2018 14:11

Tgt Ion:	146	Resp:	313910
Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.3	54.8
148	64.8	31.9	95.9

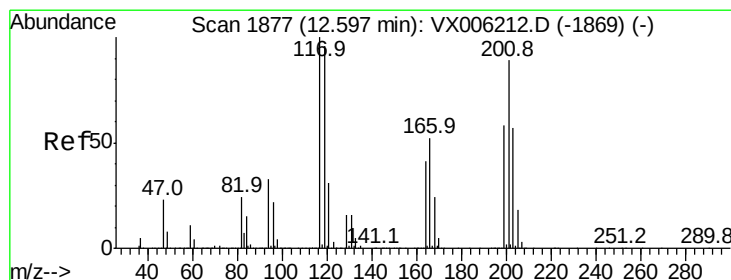
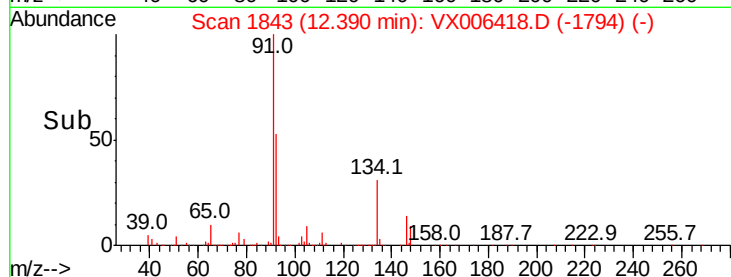
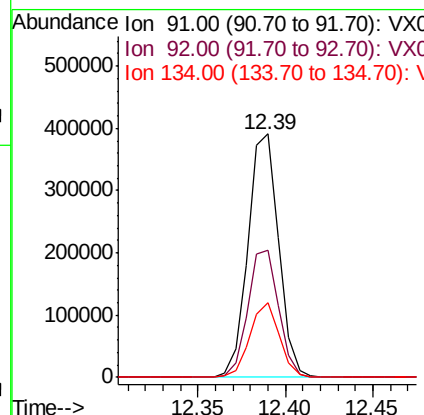
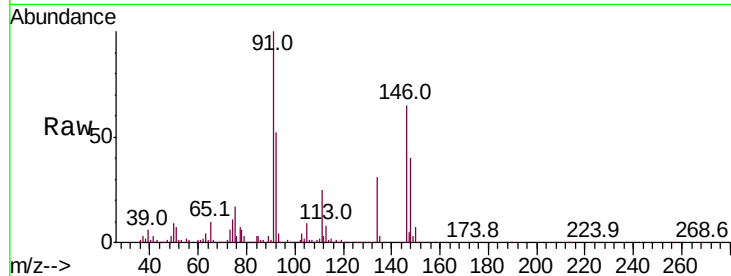




#89
n-Butylbenzene
Concen: 18.934 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

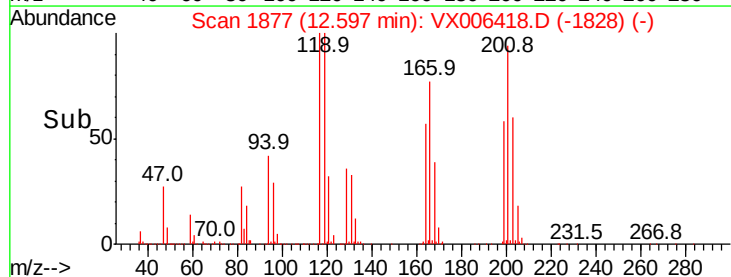
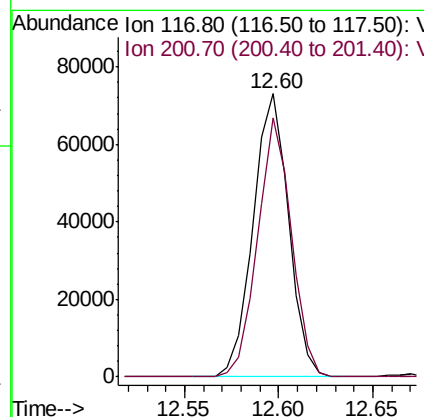
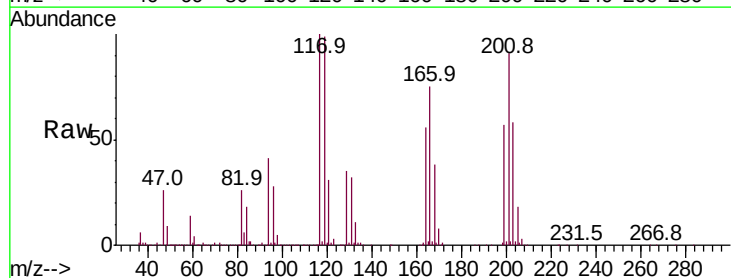
Instrument :
MSVOA_X
ClientSampled :

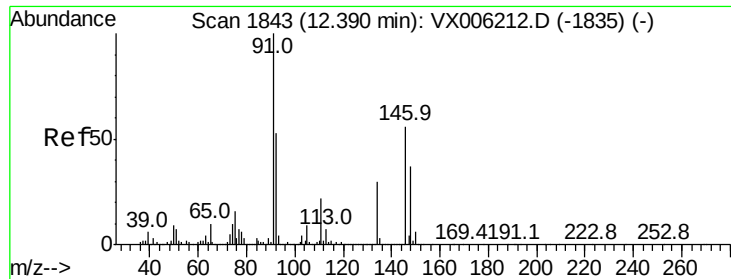
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.8
134	30.0	14.8	44.3



#90
Hexachloroethane
Concen: 15.903 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.9	44.7	134.1

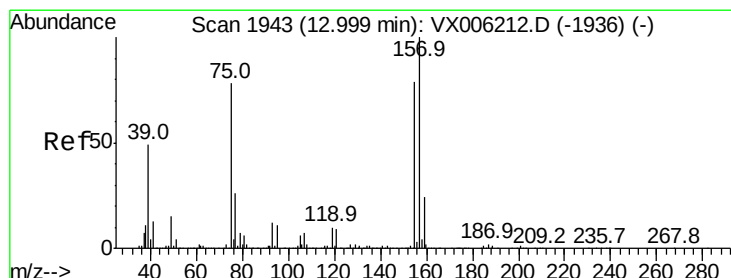
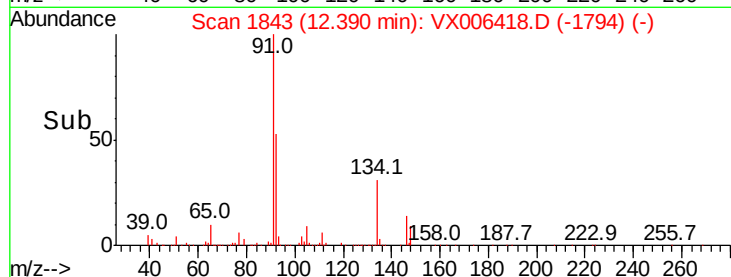
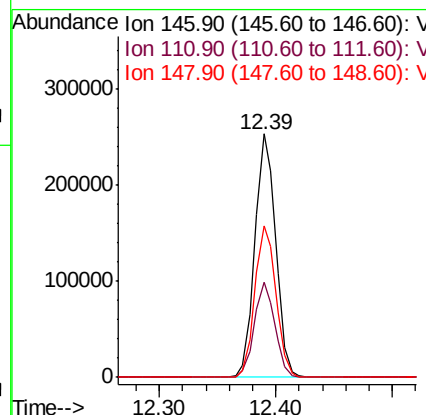
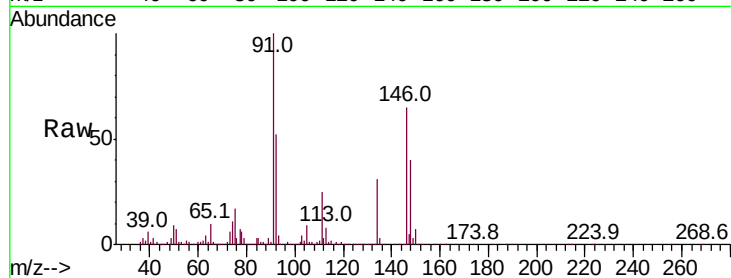




#91
 1,2-Dichlorobenzene
 Concen: 19.954 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006418.D
 Acq: 11 Dec 2018 14:11

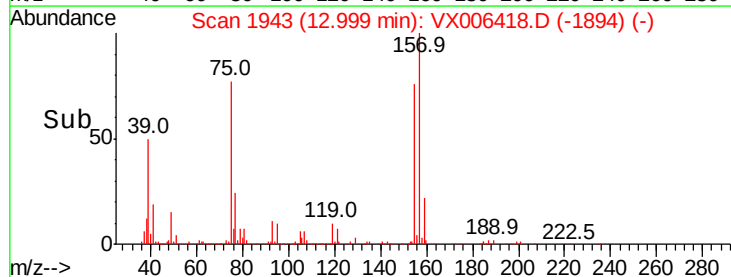
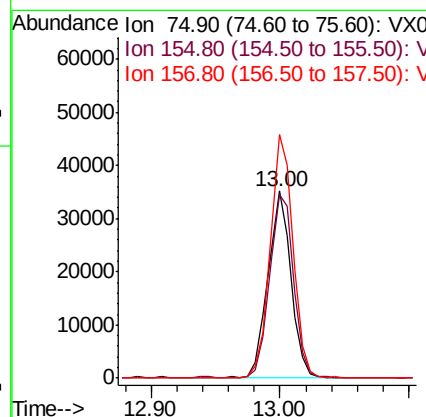
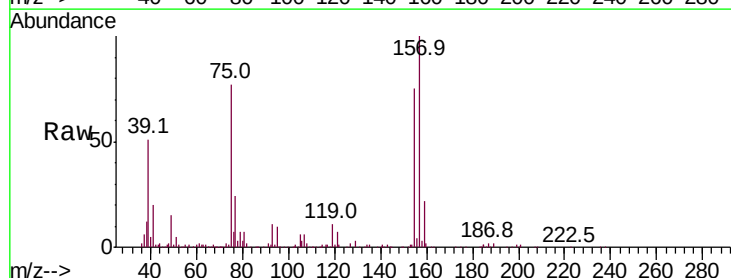
Instrument :
 MSVOA_X
 ClientSampleId :

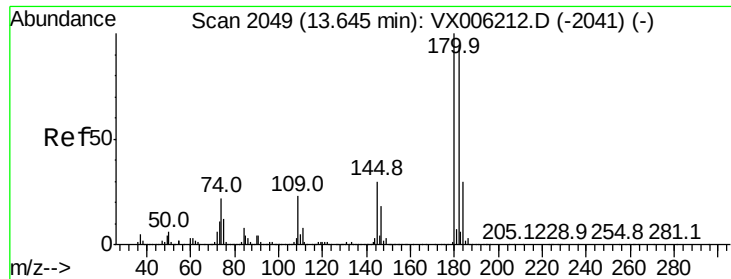
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.3
148	63.5	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.493 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006418.D
 Acq: 11 Dec 2018 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	53.4	160.3
157	128.6	68.0	203.8

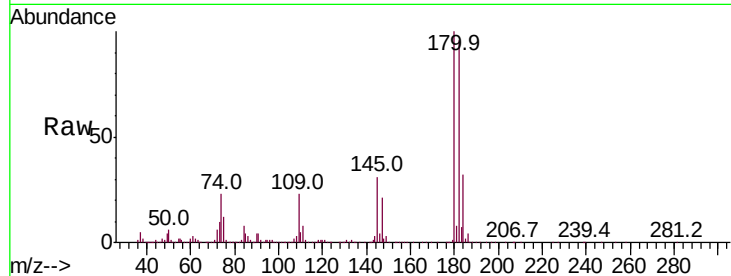




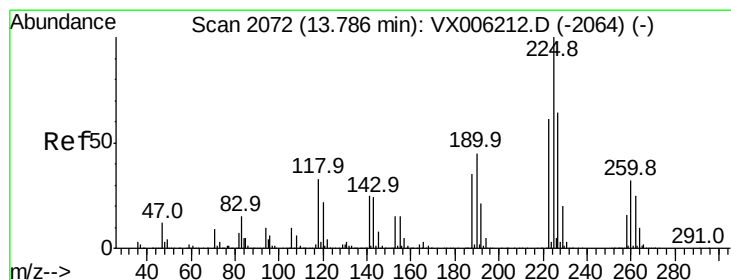
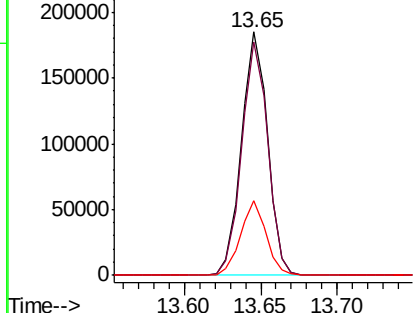
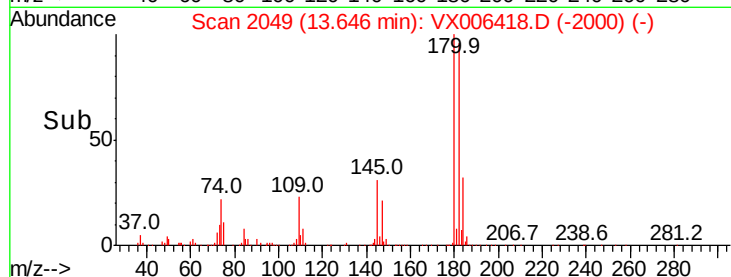
#93
 1,2,4-Trichlorobenzene
 Concen: 18.909 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006418.D
 Acq: 11 Dec 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	141.9
145	29.6	14.6	43.8

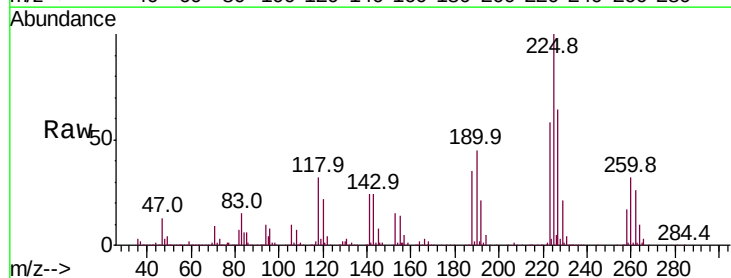


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

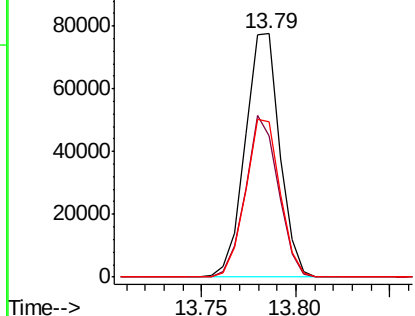
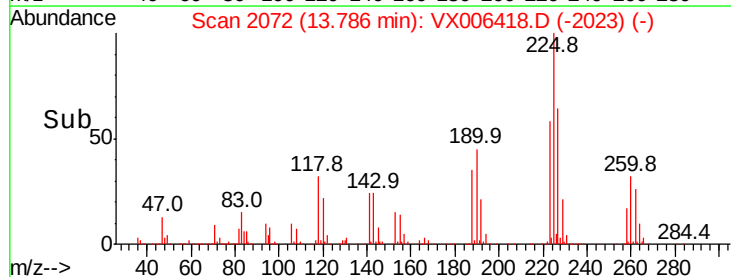


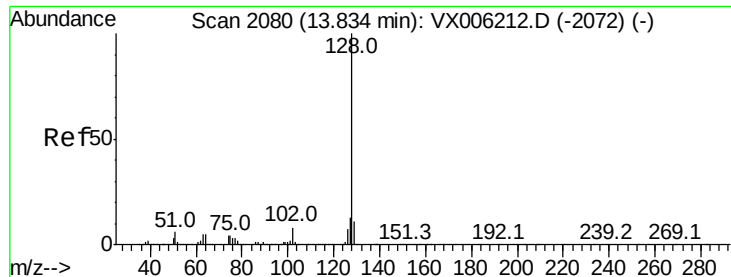
#94
 Hexachlorobutadiene
 Concen: 19.322 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006418.D
 Acq: 11 Dec 2018 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.2	93.6
227	64.5	31.9	95.5



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

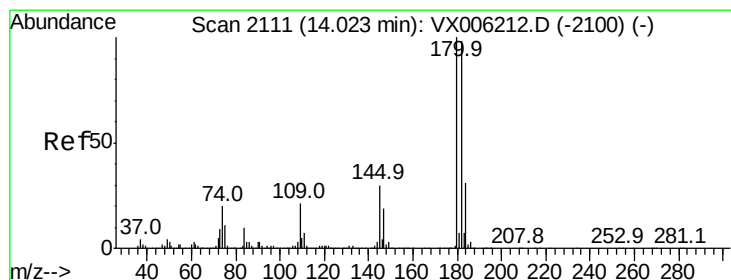
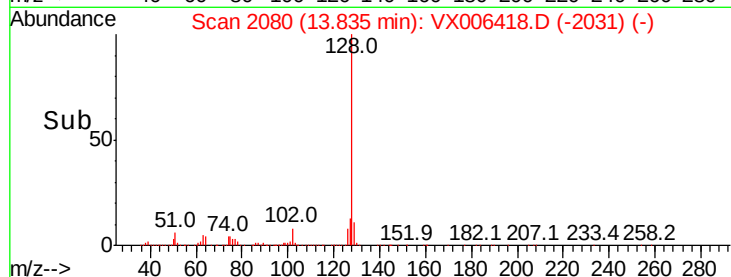
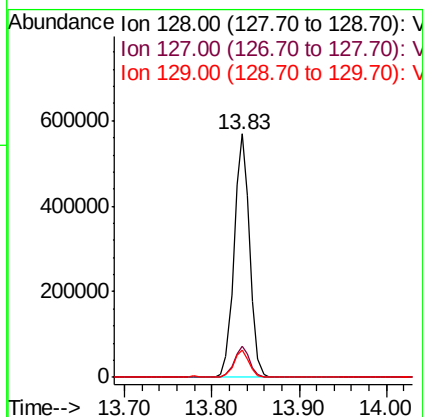
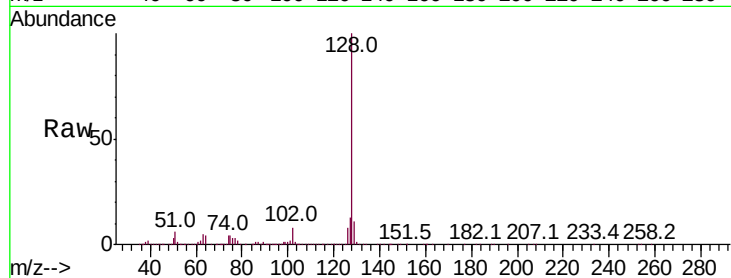




#95
Naphthalene
Concen: 19.612 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.466 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006418.D
Acq: 11 Dec 2018 14:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.4	145.2
145	32.5	15.6	46.8

