

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002198.D
 Acq On : 01 Jun 2018 01:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 01 04:54:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	290371	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191475	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155747	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	
35) Dibromofluoromethane	5.51	113	118943	40.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.92%	
50) Toluene-d8	8.72	98	440585	41.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.82%	
62) 4-Bromofluorobenzene	11.14	95	177916	43.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	89292	35.52	ug/l	98
3) Chloromethane	1.32	50	137630	45.27	ug/l	99
4) Vinyl Chloride	1.41	62	139899	47.65	ug/l	100
5) Bromomethane	1.64	94	81882	60.80	ug/l	99
6) Chloroethane	1.72	64	94374	54.53	ug/l	100
7) Trichlorofluoromethane	1.93	101	221448	50.23	ug/l	99
8) Diethyl Ether	2.19	74	94654	59.17	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	119377	48.52	ug/l	96
10) Methyl Iodide	2.51	142	159124	47.80	ug/l	98
11) Tert butyl alcohol	3.08	59	215229	310.41	ug/l	99
12) 1,1-Dichloroethene	2.37	96	118499	51.45	ug/l	94
13) Acrolein	2.30	56	61085	203.76	ug/l	98
14) Allyl chloride	2.73	41	264721	54.75	ug/l	97
15) Acrylonitrile	3.15	53	431306	302.49	ug/l	98
16) Acetone	2.45	43	412334	302.46	ug/l	98
17) Carbon Disulfide	2.57	76	273462	41.25	ug/l	100
18) Methyl Acetate	2.78	43	219391	67.20	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	502796	58.04	ug/l	100
20) Methylene Chloride	2.86	84	148184	63.22	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	132135	59.22	ug/l	97
22) Diisopropyl ether	3.87	45	493266	50.16	ug/l	94
23) Vinyl Acetate	3.83	43	2134793	261.81	ug/l	98
24) 1,1-Dichloroethane	3.70	63	237751	50.89	ug/l	99
25) 2-Butanone	4.71	43	595944	238.51	ug/l	97
26) 2,2-Dichloropropane	4.59	77	157336	33.27	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	141478	47.10	ug/l	96
28) Bromochloromethane	5.03	49	127253	65.46	ug/l	100
29) Tetrahydrofuran	5.17	42	395045	243.01	ug/l	100
30) Chloroform	5.22	83	256952	48.82	ug/l	99
31) Cyclohexane	5.58	56	196886	40.45	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	215961	44.01	ug/l	99
36) 1,1-Dichloropropene	5.80	75	173297	42.91	ug/l	98
37) Ethyl Acetate	4.87	43	235178	44.66	ug/l	99
38) Carbon Tetrachloride	5.79	117	182279	38.70	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191394	38.57	ug/l	98
40) Benzene	6.15	78	556547	47.03	ug/l	100
41) Methacrylonitrile	5.07	41	134073	48.20	ug/l	99
42) 1,2-Dichloroethane	6.20	62	223511	47.29	ug/l	99
43) Isopropyl Acetate	6.47	43	393711	44.87	ug/l	99
44) Trichloroethene	7.22	130	155370	45.06	ug/l	99
45) 1,2-Dichloropropane	7.52	63	152882	47.58	ug/l	99
46) Dibromomethane	7.67	93	100355	47.17	ug/l	99
47) Bromodichloromethane	7.90	83	189288	41.73	ug/l	98
48) Methyl methacrylate	7.78	41	201108	45.04	ug/l	98
49) 1,4-Dioxane	7.76	88	79307	1007.85	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1290320	243.97	ug/l	100
52) Toluene	8.79	92	360817	47.91	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	223495	42.78	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	210883	41.42	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	152061	48.34	ug/l	99
56) Ethyl methacrylate	9.19	69	245104	45.30	ug/l	98
57) 1,3-Dichloropropane	9.38	76	252446	48.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	548071	228.53	ug/l	100
59) 2-Hexanone	9.50	43	1002069	245.72	ug/l	99
60) Dibromochloromethane	9.59	129	155257	41.67	ug/l	100
61) 1,2-Dibromoethane	9.68	107	160318	48.57	ug/l	99
64) Tetrachloroethene	9.34	164	176539	44.04	ug/l	99
65) Chlorobenzene	10.14	112	410488	46.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	153513	42.92	ug/l	99
67) Ethyl Benzene	10.26	91	706888	45.93	ug/l	99
68) m/p-Xylenes	10.37	106	546288	92.86	ug/l	100
69) o-Xylene	10.70	106	271948	46.30	ug/l	99
70) Styrene	10.72	104	456799	46.89	ug/l	100
71) Bromoform	10.86	173	121701	35.89	ug/l #	99
73) Isopropylbenzene	11.02	105	721251	44.48	ug/l	99
74) N-amyl acetate	6.47	43	393711	46.59	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	226413	51.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	277262	60.29	ug/l	80
77) Bromobenzene	11.26	156	198218	46.08	ug/l	97
78) n-propylbenzene	11.37	91	808641	44.53	ug/l	100
79) 2-Chlorotoluene	11.43	91	499947	50.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	621980	44.89	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	63225	33.04	ug/l	88
82) 4-Chlorotoluene	11.51	91	588294	45.93	ug/l	100
83) tert-Butylbenzene	11.77	119	591496	43.50	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	645430	45.07	ug/l	100
85) sec-Butylbenzene	11.95	105	721689	44.15	ug/l	100
86) p-Isopropyltoluene	12.07	119	652111	44.58	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	358725	46.56	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	361560	46.94	ug/l	99
89) n-Butylbenzene	12.39	91	547356	44.16	ug/l	99
90) Hexachloroethane	12.60	117	99430	34.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	372904	47.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54566	37.85	ug/l	100

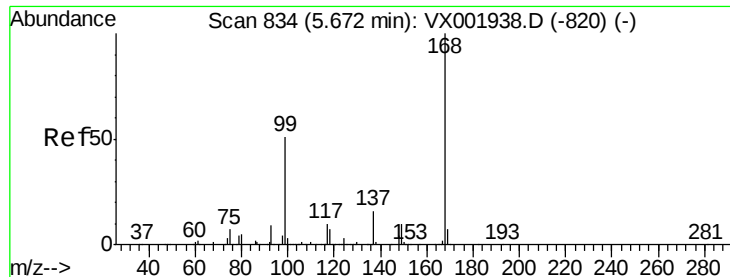
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	259097	46.16	ug/l	100
94) Hexachlorobutadiene	13.79	225	123654	40.95	ug/l	99
95) Naphthalene	13.84	128	798805	46.19	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	269994	46.49	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

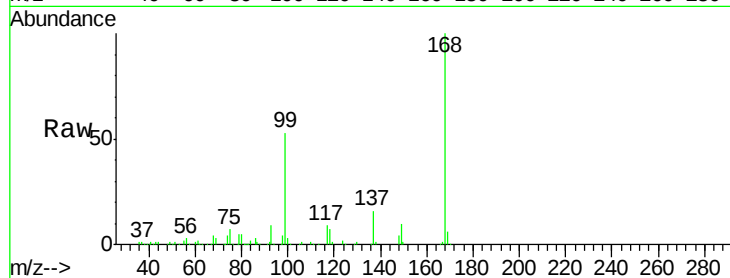
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 197615

Ion Ratio Lower Upper

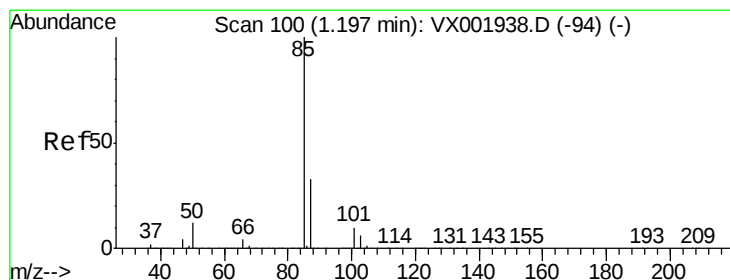
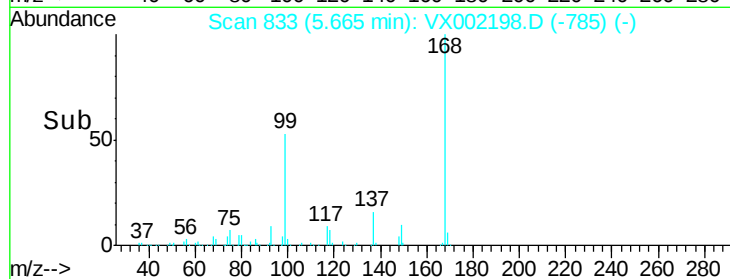
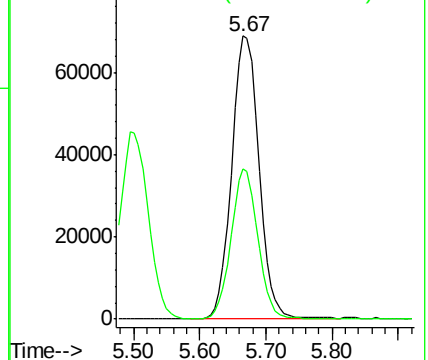
168 100

99 52.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 35.52 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002198.D

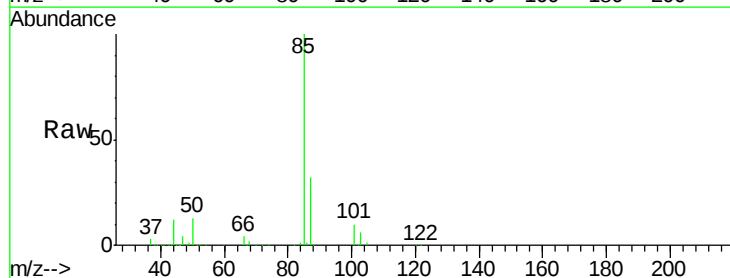
Acq: 01 Jun 2018 01:42

Tgt Ion: 85 Resp: 89292

Ion Ratio Lower Upper

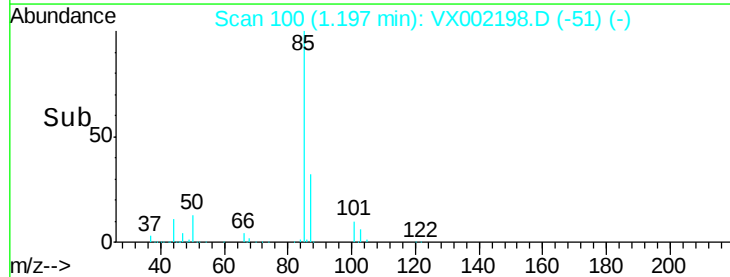
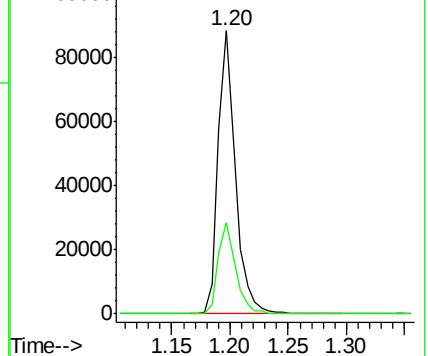
85 100

87 32.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

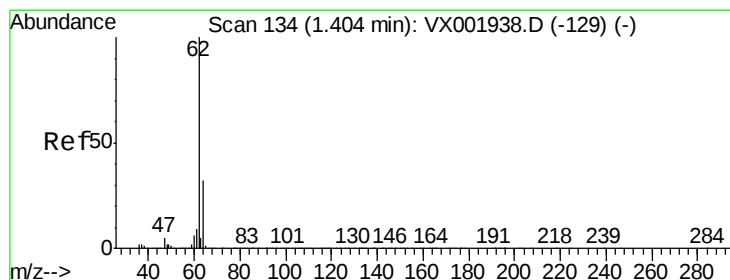
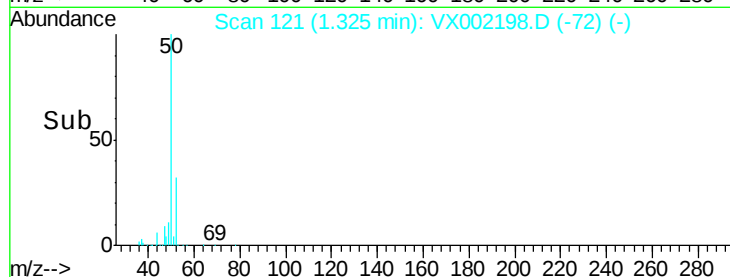
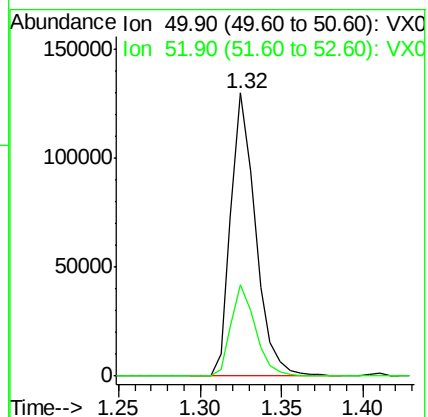
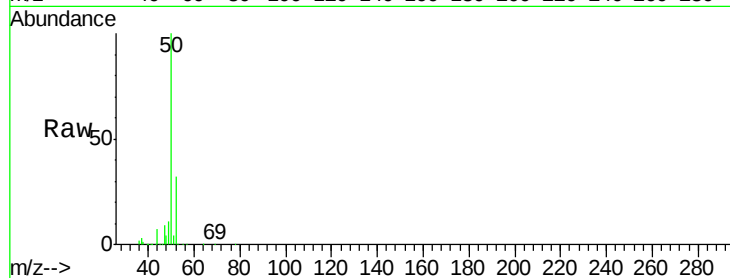
ClientSampled :

Tot Ion: 50 Resp: 137630

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



#4

Vinyl Chloride

Concen: 47.65 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002198.D

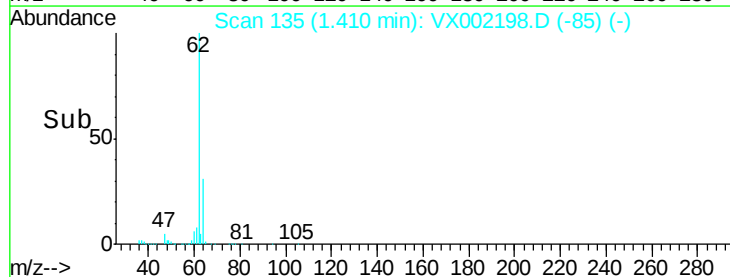
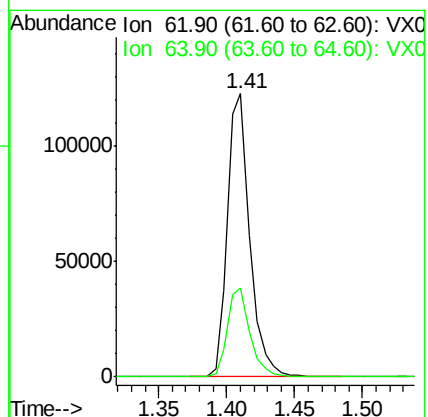
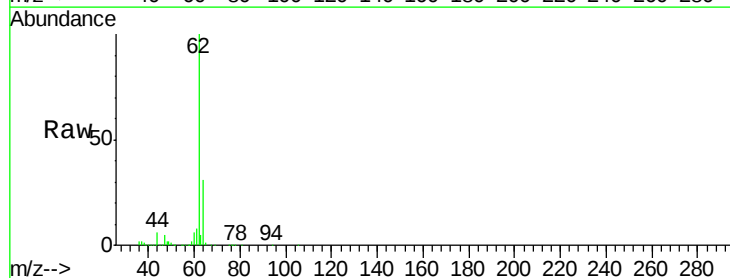
Acq: 01 Jun 2018 01:42

Tgt Ion: 62 Resp: 139899

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 60.80 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

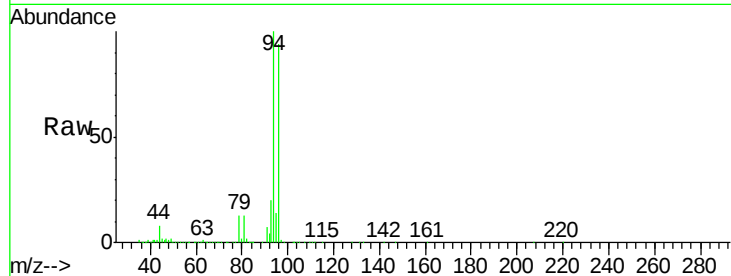
ClientSampleId :

Tot Ion: 94 Resp: 81882

Ion Ratio Lower Upper

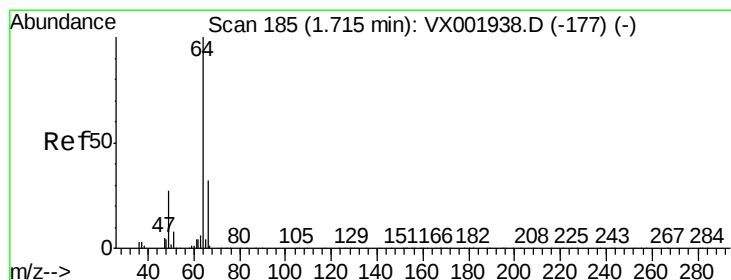
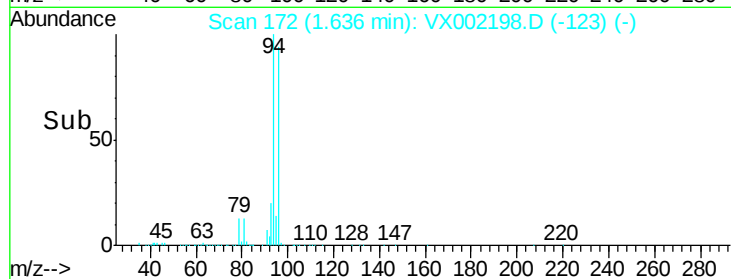
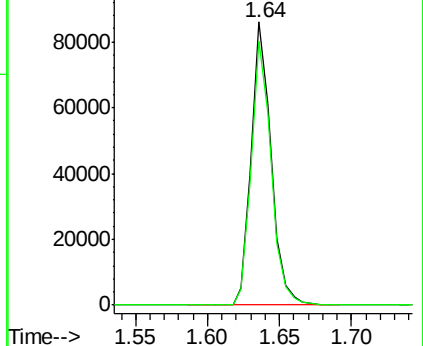
94 100

96 93.5 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.53 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX002198.D

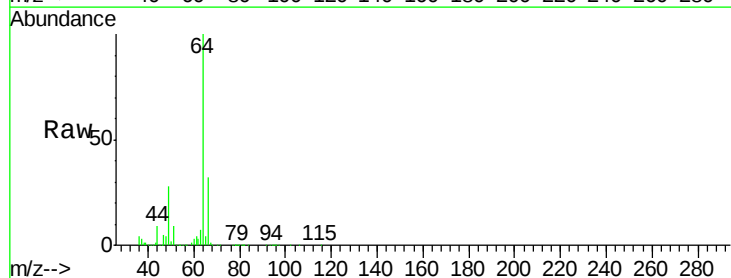
Acq: 01 Jun 2018 01:42

Tgt Ion: 64 Resp: 94374

Ion Ratio Lower Upper

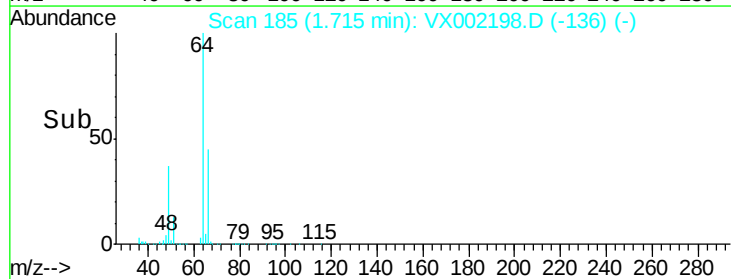
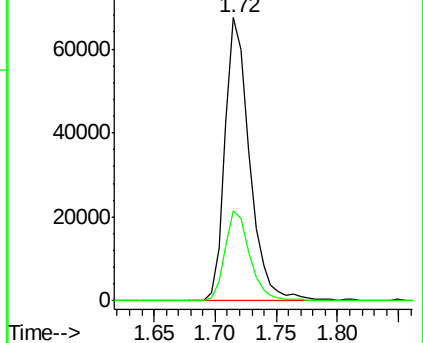
64 100

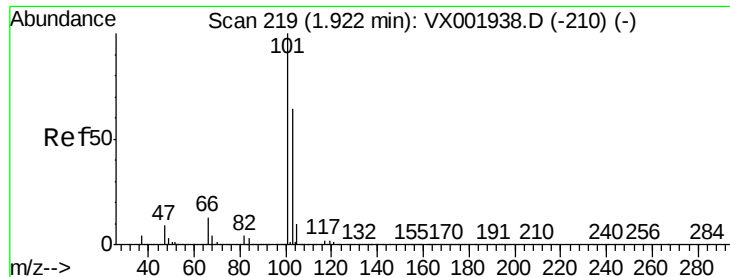
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



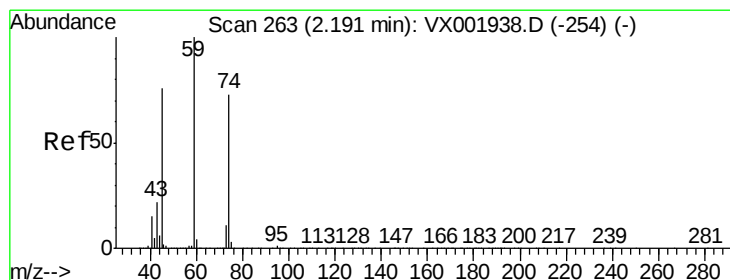
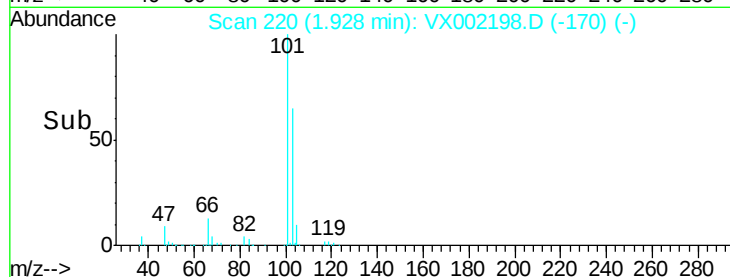
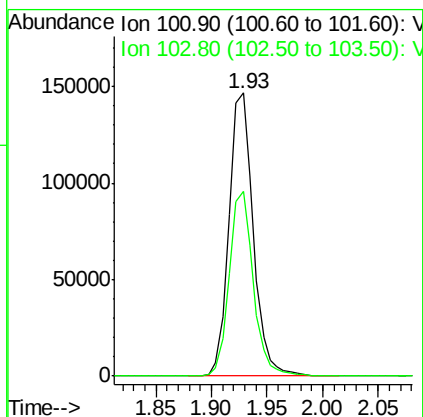
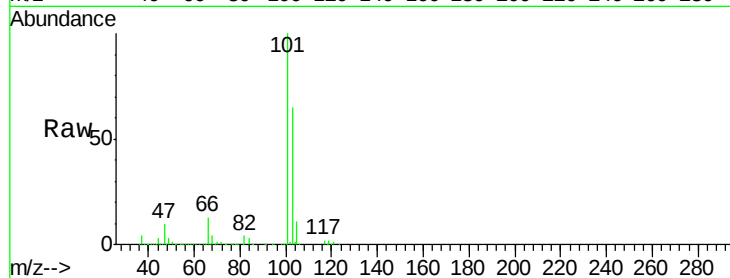


#7

Trichlorofluoromethane
Concen: 50.23 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Instrument :
MSVOA_X
ClientSampleId :

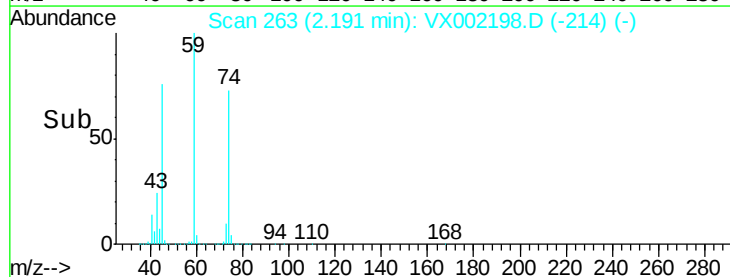
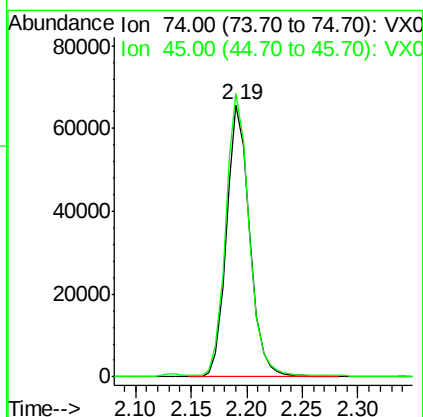
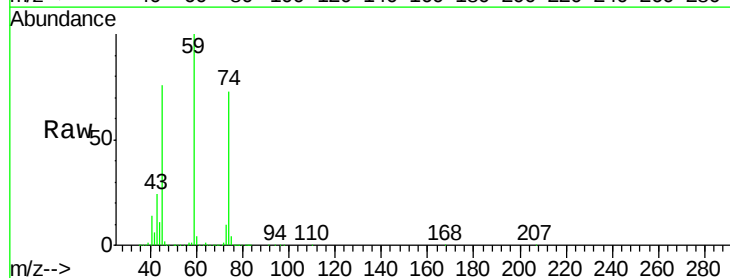
Tot Ion:101 Resp: 221448
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

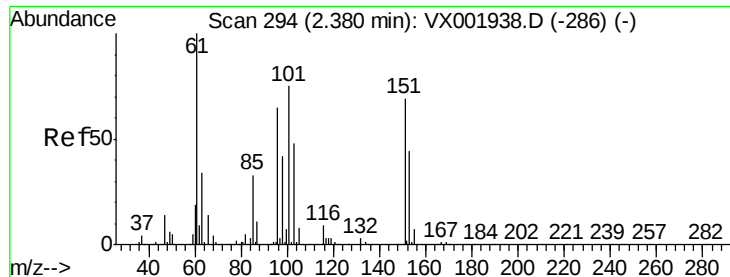


#8

Diethyl Ether
Concen: 59.17 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion: 74 Resp: 94654
Ion Ratio Lower Upper
74 100
45 103.5 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.52 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

ClientSampleId :

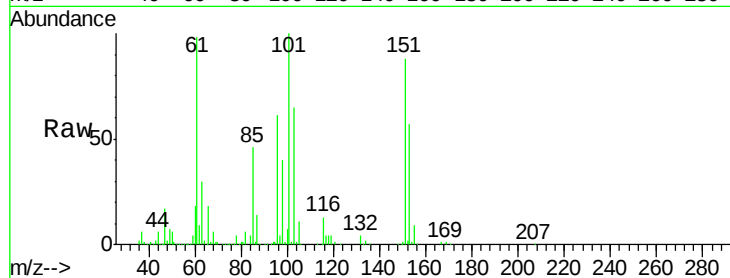
Tot Ion:101 Resp: 119377

Ion Ratio Lower Upper

101 100

85 45.5 35.6 53.4

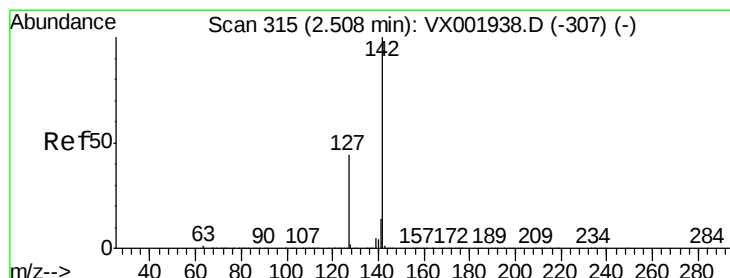
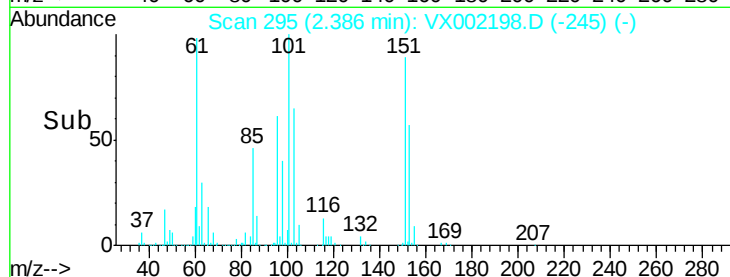
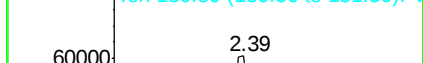
151 87.0 73.2 109.8



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: 47.80 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

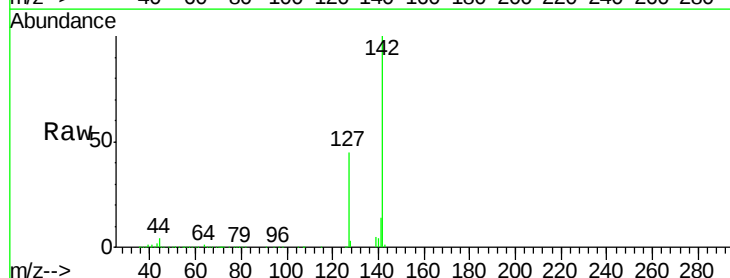
Tgt Ion:142 Resp: 159124

Ion Ratio Lower Upper

142 100

127 46.4 35.5 53.3

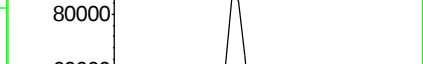
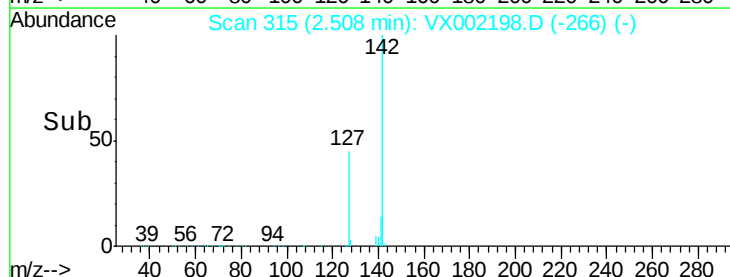
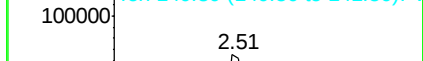
141 14.3 11.3 16.9



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



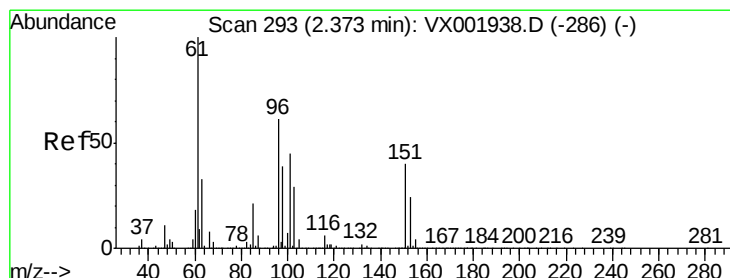
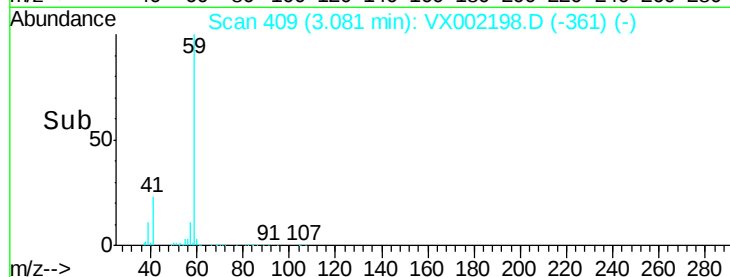
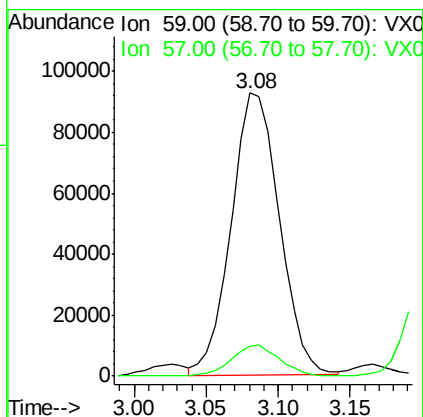
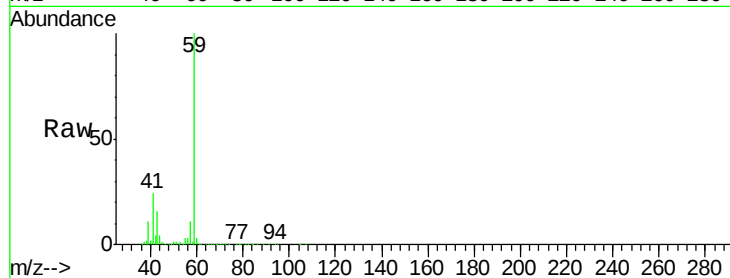


#11

Tert butyl alcohol
Concen: 310.41 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Instrument :
MSVOA_X
ClientSampled :

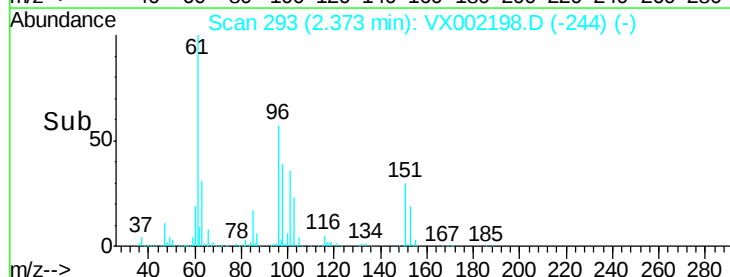
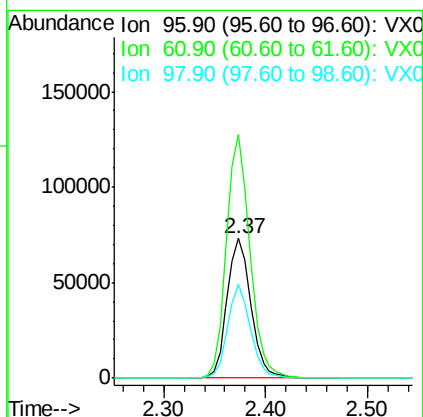
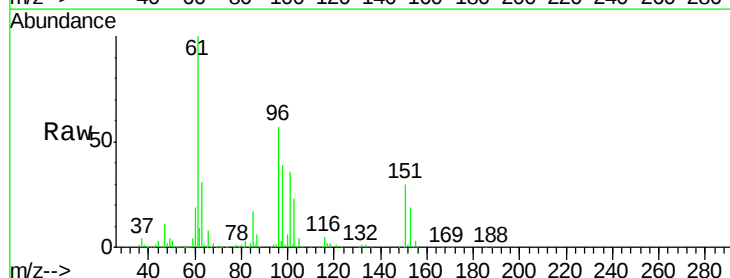
Tot Ion: 59 Resp: 215229
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3

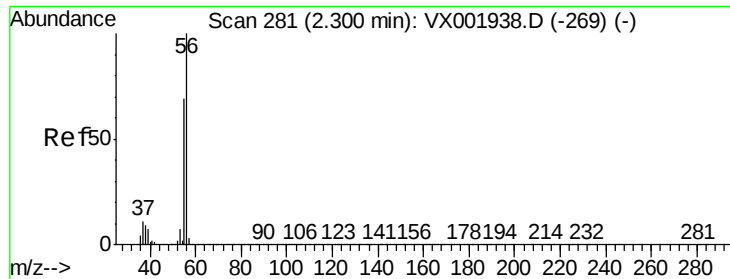


#12

1,1-Dichloroethene
Concen: 51.45 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion: 96 Resp: 118499
Ion Ratio Lower Upper
96 100
61 174.3 131.7 197.5
98 67.2 51.6 77.4





#13

Acrolein

Concen: 203.76 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

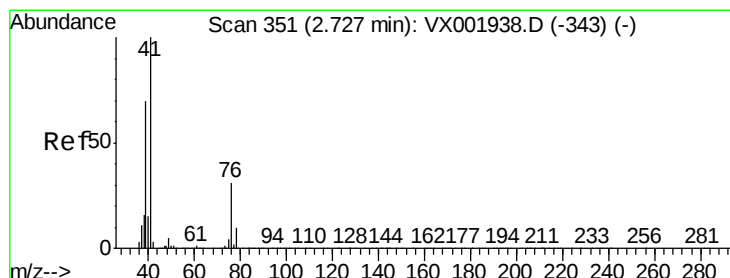
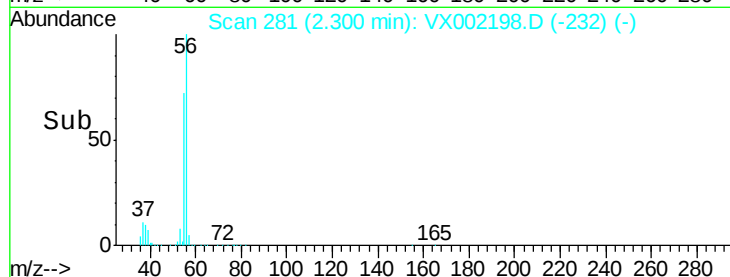
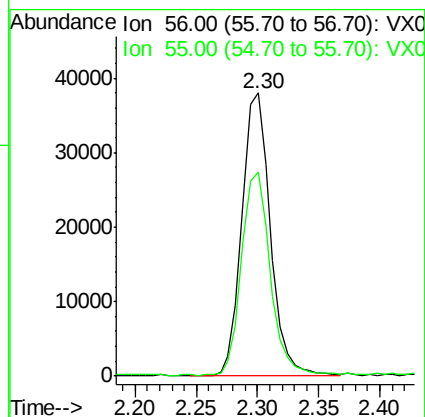
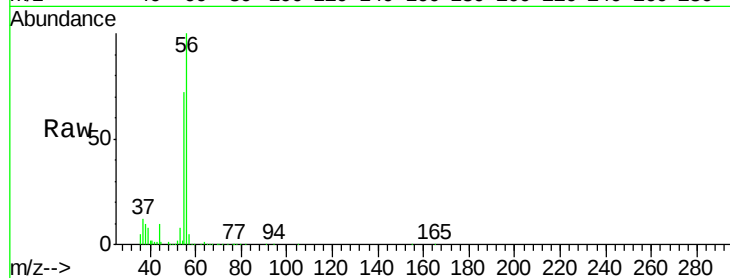
ClientSampleId :

Tot Ion: 56 Resp: 61085

Ion Ratio Lower Upper

56 100

55 72.6 56.8 85.2



#14

Allyl chloride

Concen: 54.75 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

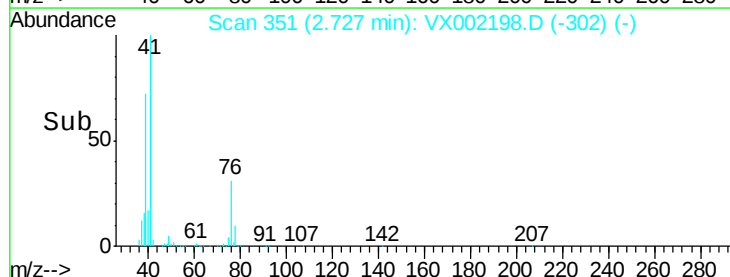
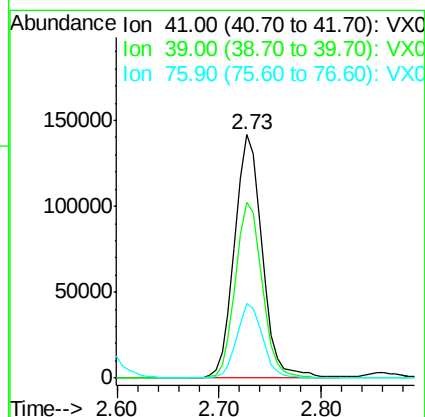
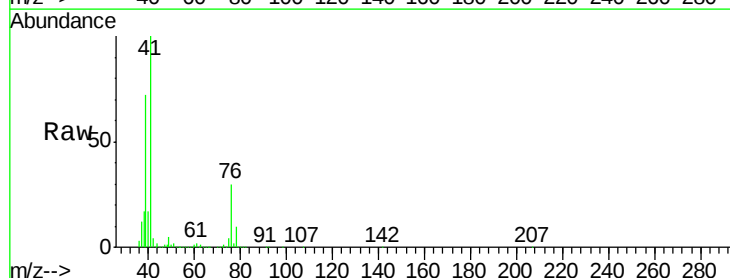
Tgt Ion: 41 Resp: 264721

Ion Ratio Lower Upper

41 100

39 70.1 54.3 81.5

76 28.7 24.2 36.4





#15

Acrylonitrile

Concen: 302.49 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

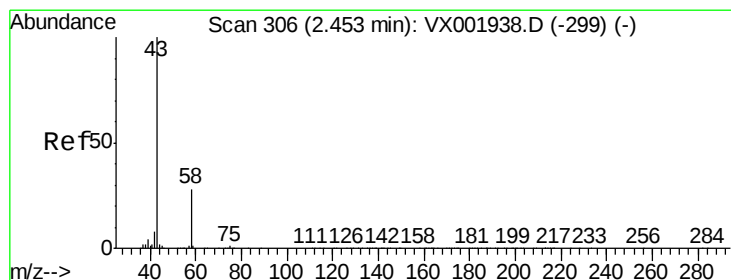
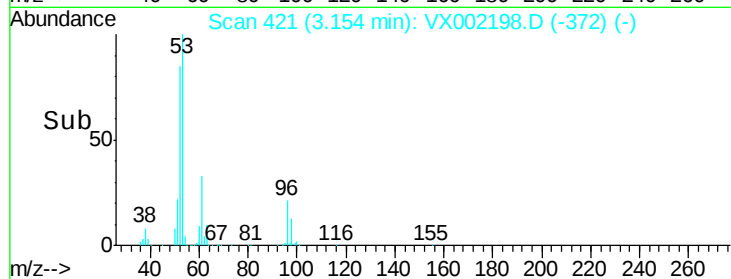
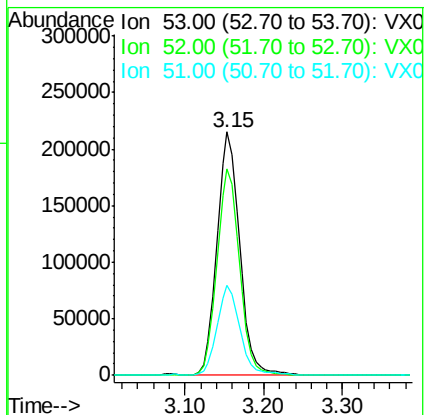
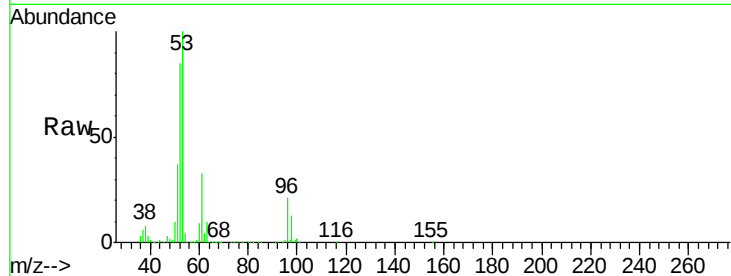
Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 431306

Ion	Ratio	Lower	Upper
53	100		
52	84.8	66.4	99.6
51	37.2	29.3	43.9



#16

Acetone

Concen: 302.46 ug/l

RT: 2.45 min Scan# 306

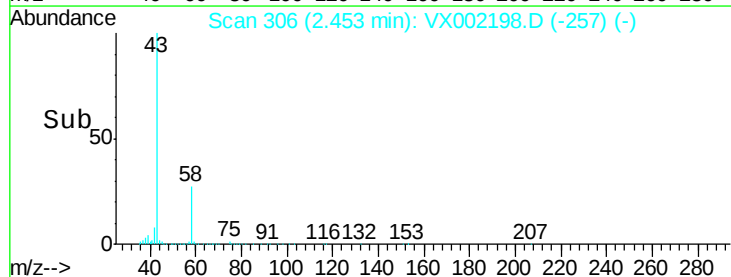
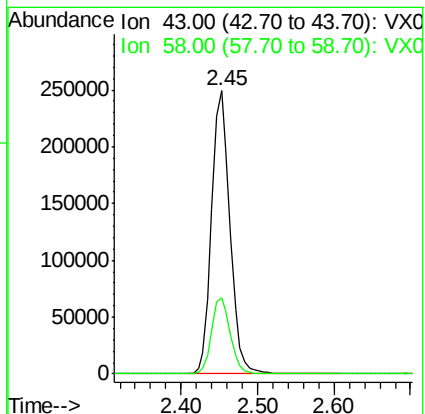
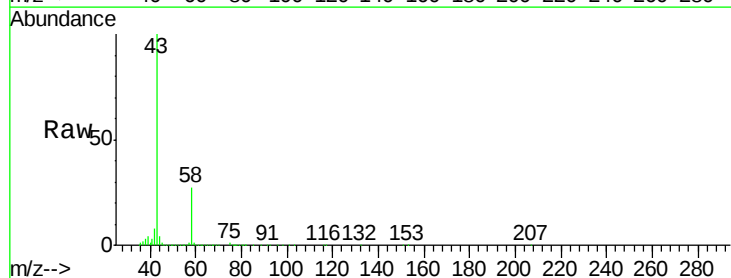
Delta R.T. -0.00 min

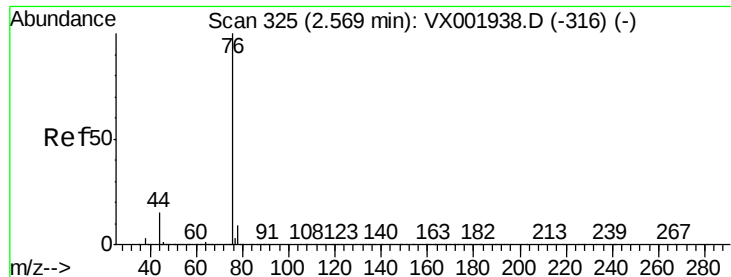
Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Tgt Ion: 43 Resp: 412334

Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.3	33.5





#17

Carbon Disulfide

Concen: 41.25 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

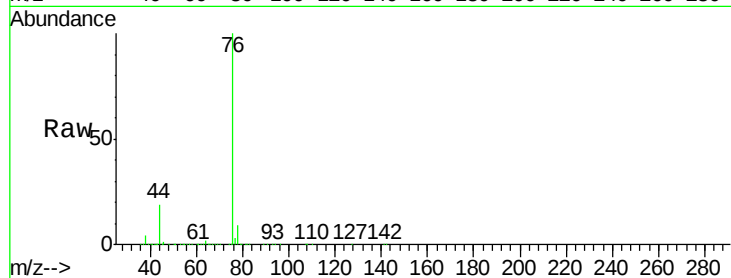
ClientSampleId :

Tot Ion: 76 Resp: 273462

Ion Ratio Lower Upper

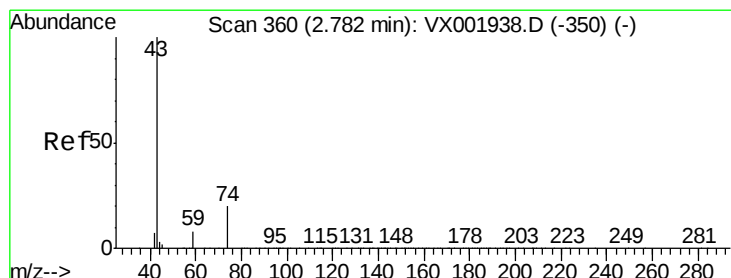
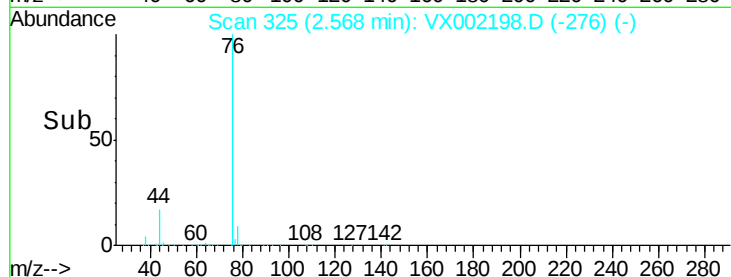
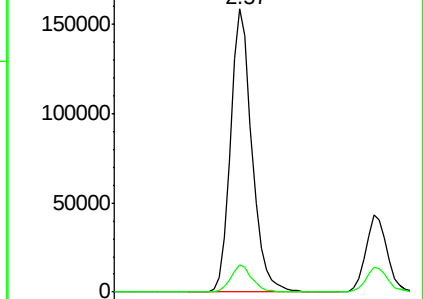
76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 67.20 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002198.D

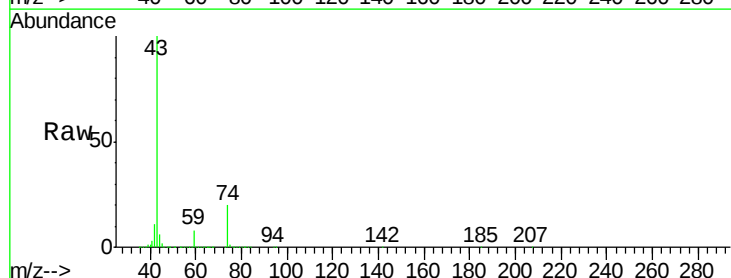
Acq: 01 Jun 2018 01:42

Tgt Ion: 43 Resp: 219391

Ion Ratio Lower Upper

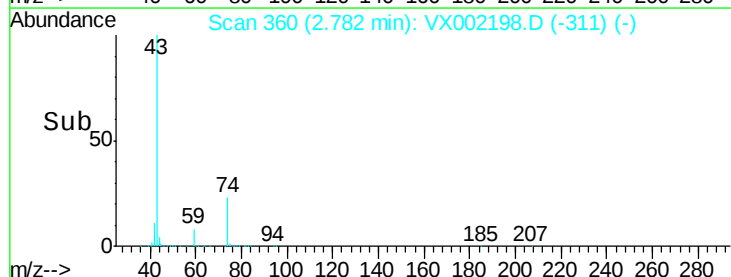
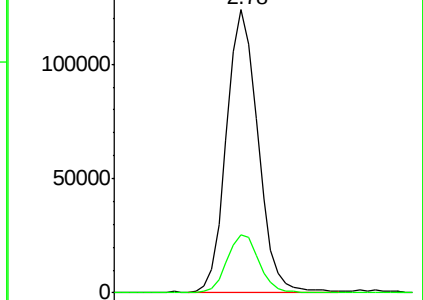
43 100

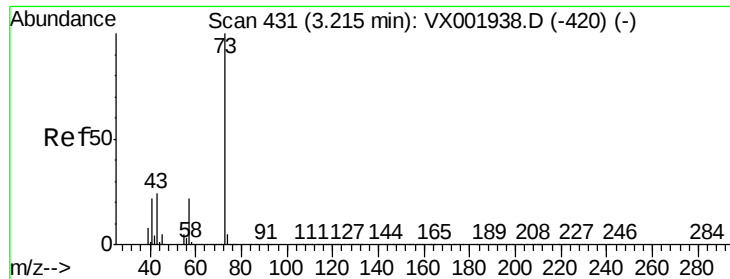
74 21.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

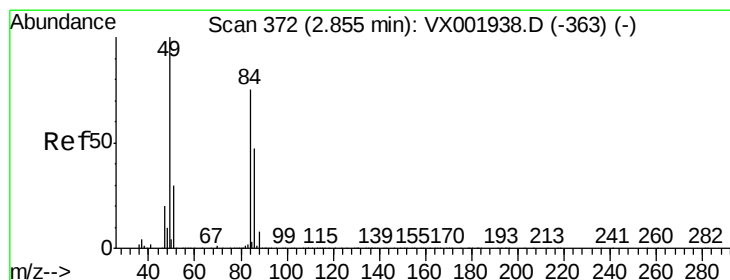
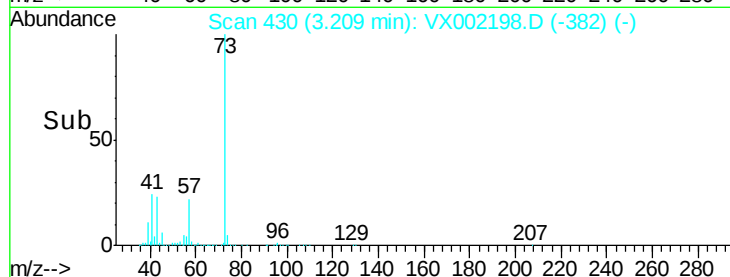
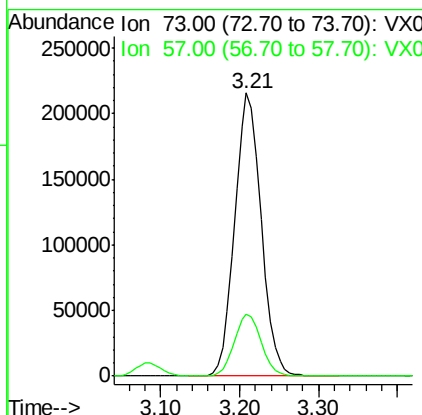
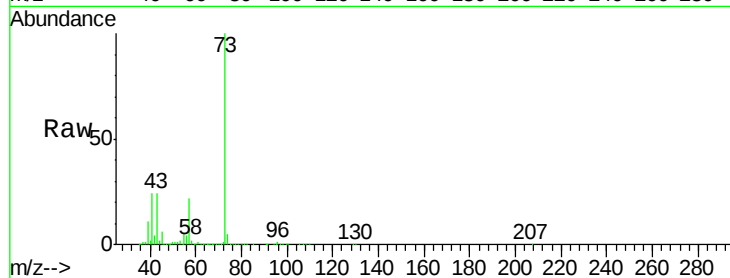




#19
Methvl tert-butvl Ether
Concen: 58.04 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

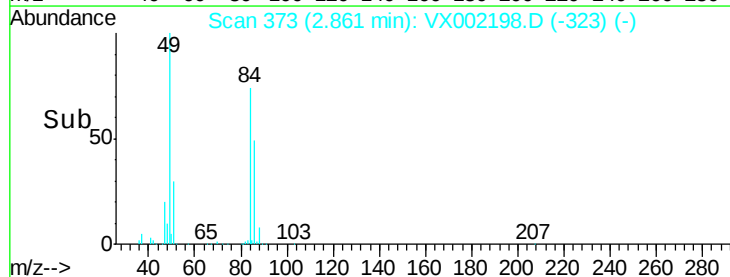
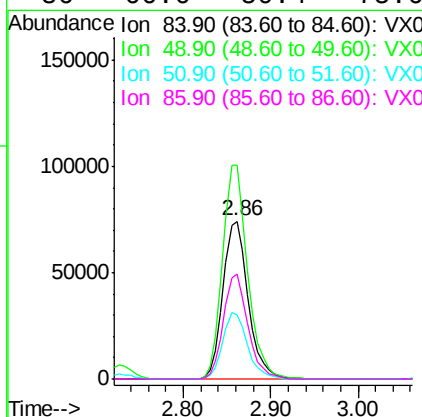
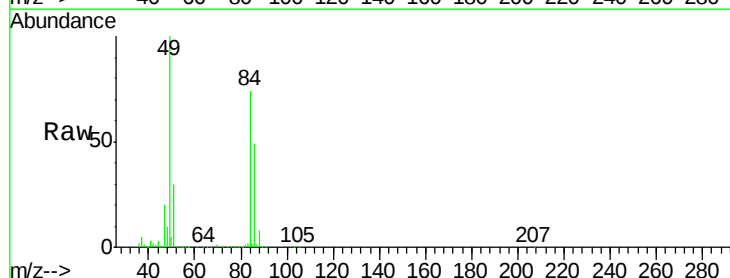
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 502796
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0



#20
Methylene Chloride
Concen: 63.22 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion: 84 Resp: 148184
Ion Ratio Lower Upper
84 100
49 135.4 107.2 160.8
51 40.4 32.4 48.6
86 66.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 59.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

ClientSampleId :

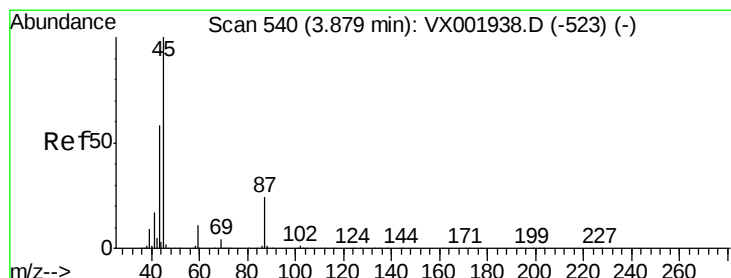
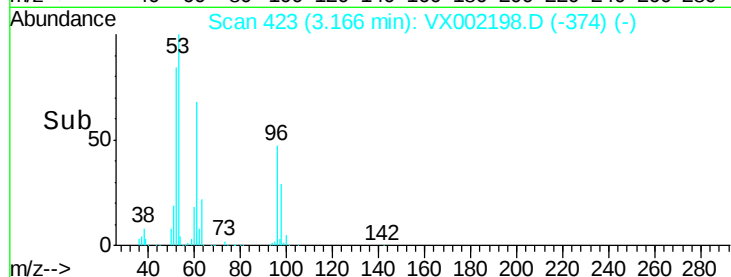
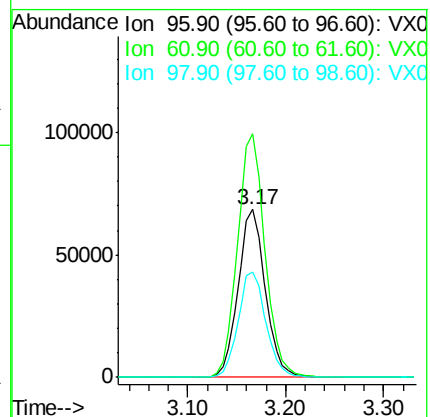
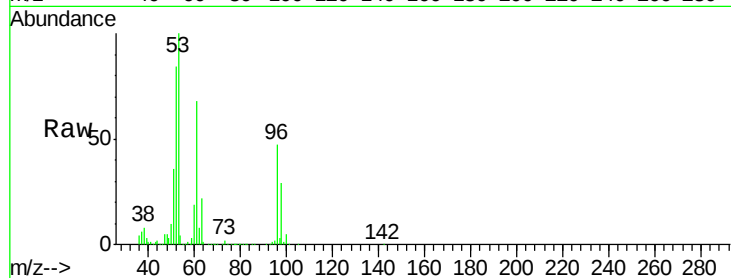
Tot Ion: 96 Resp: 132135

Ion Ratio Lower Upper

96 100

61 145.1 113.3 169.9

98 62.6 51.7 77.5



#22

Diisopropyl ether

Concen: 50.16 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Tgt Ion: 45 Resp: 493266

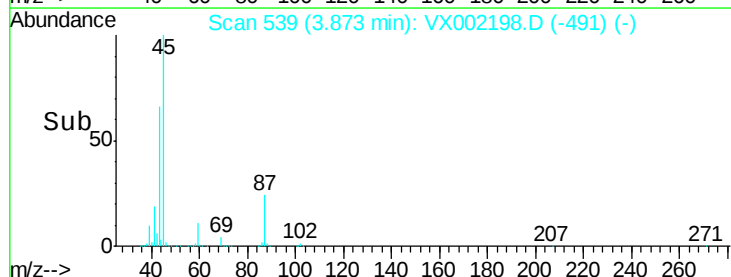
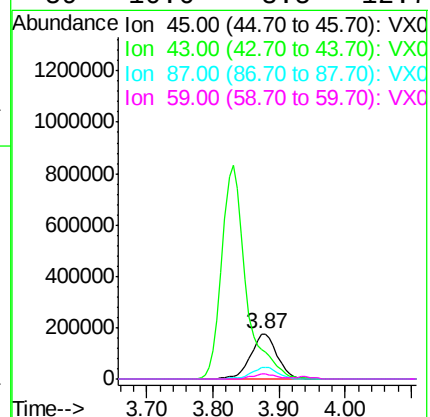
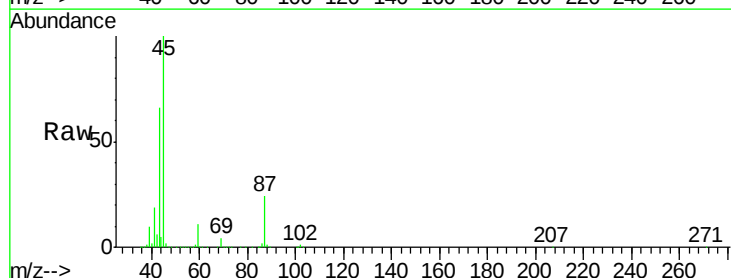
Ion Ratio Lower Upper

45 100

43 66.0 47.0 70.6

87 24.2 19.4 29.0

59 10.6 8.5 12.7

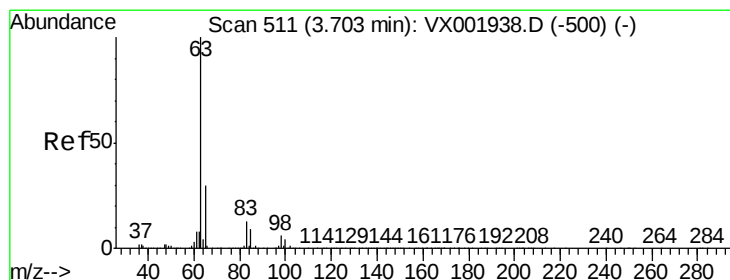
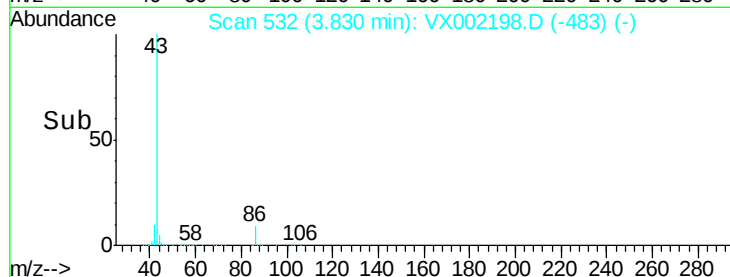
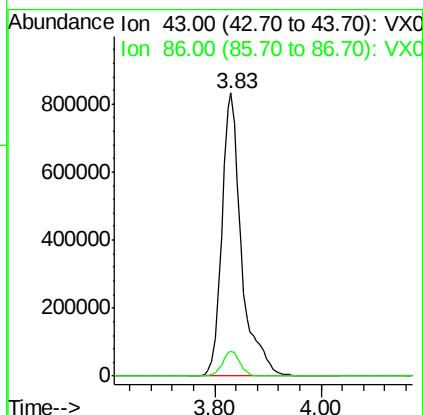
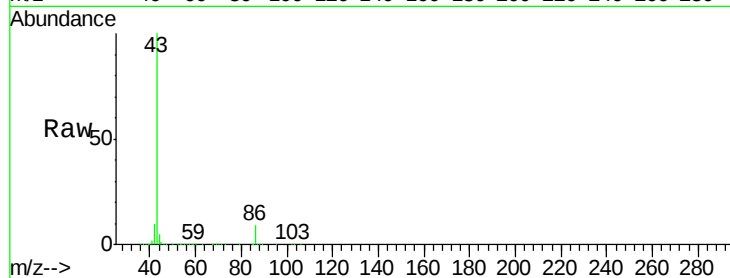




#23
 Vinyl Acetate
 Concen: 261.81 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

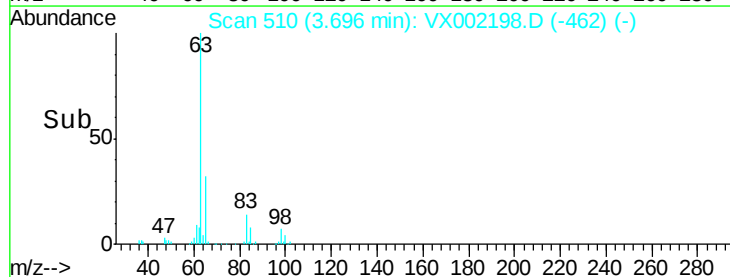
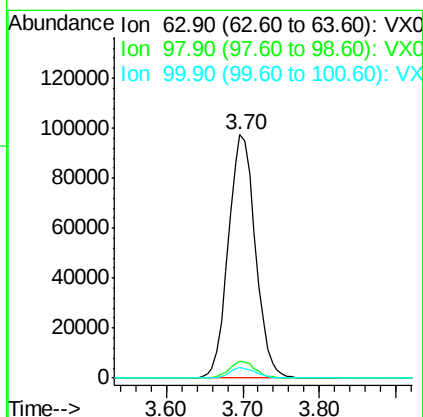
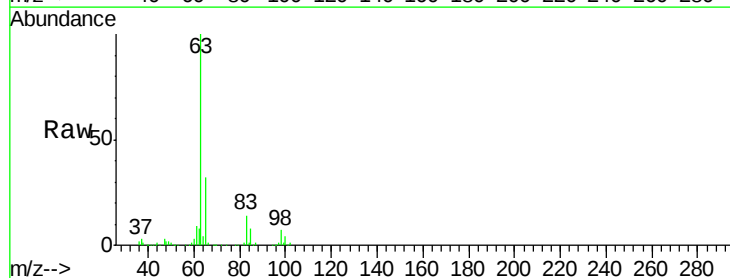
Instrument :
 MSVOA_X
 ClientSampled :

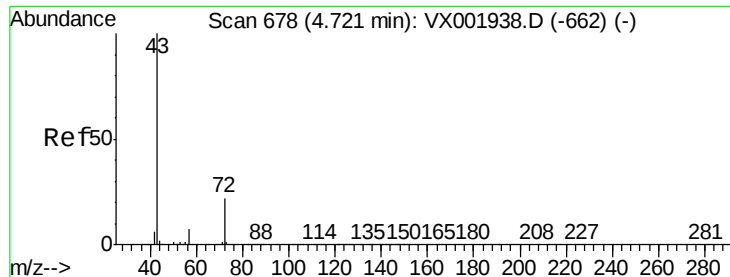
Tot Ion: 43 Resp: 2134793
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 50.89 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

Tgt Ion: 63 Resp: 237751
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.1 2.1 6.5

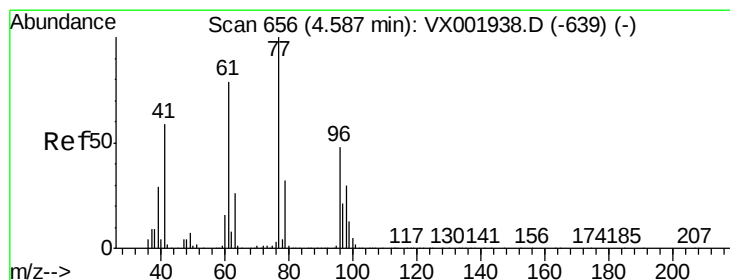
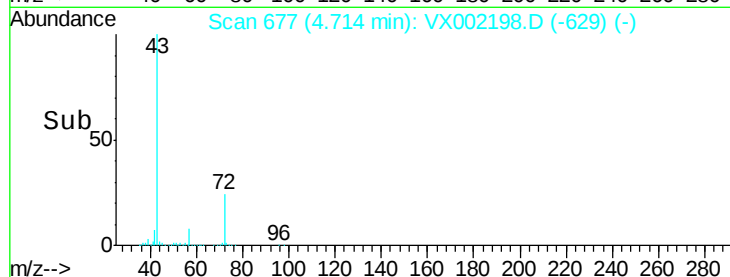
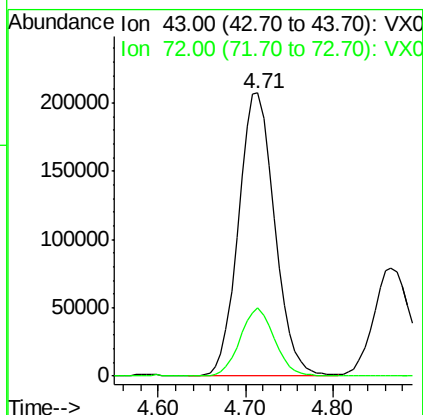
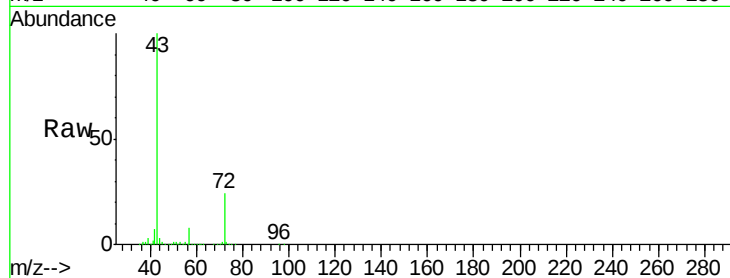




#25
2-Butanone
Concen: 238.51 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

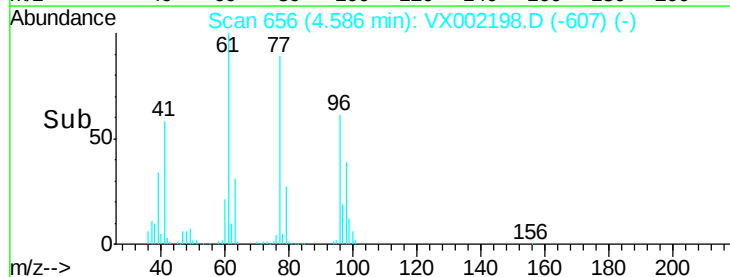
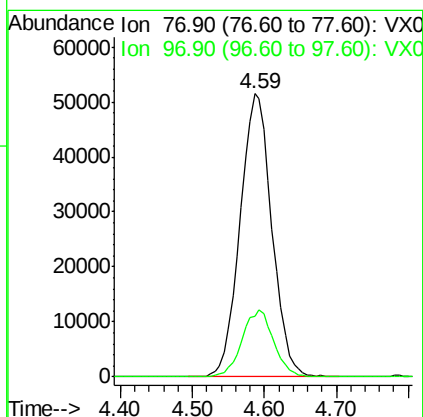
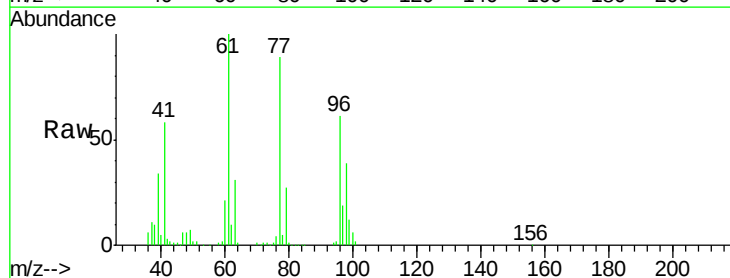
Instrument :
MSVOA_X
ClientSampleId :

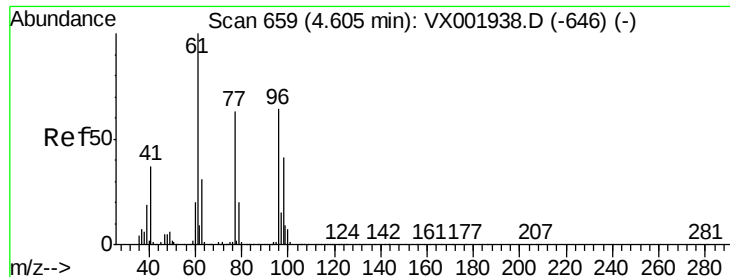
Tot Ion: 43 Resp: 595944
Ion Ratio Lower Upper
43 100
72 23.9 17.9 26.9



#26
2,2-Dichloropropane
Concen: 33.27 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion: 77 Resp: 157336
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.5



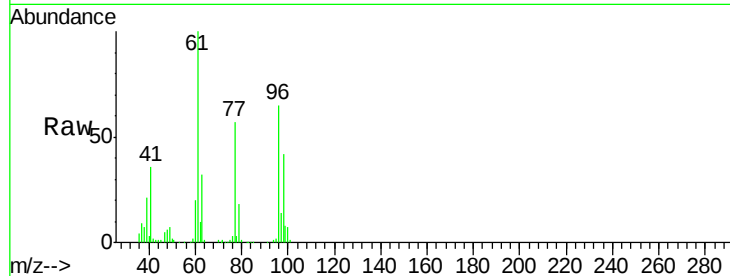


#27

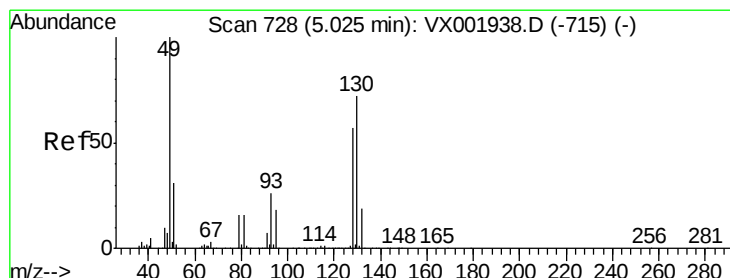
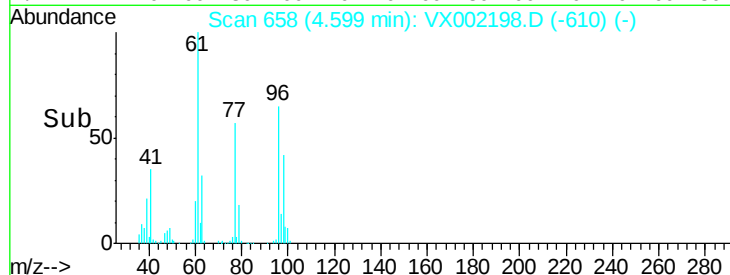
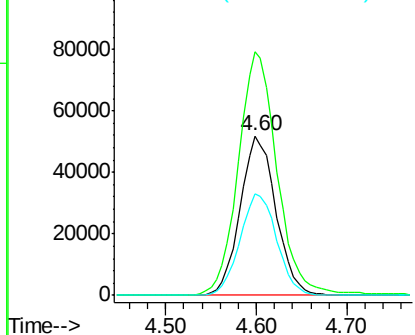
cis-1,2-Dichloroethene
Concen: 47.10 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.3	0.0	348.4
98	65.6	0.0	128.6



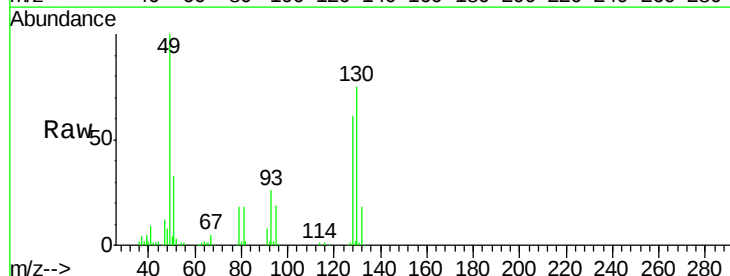
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



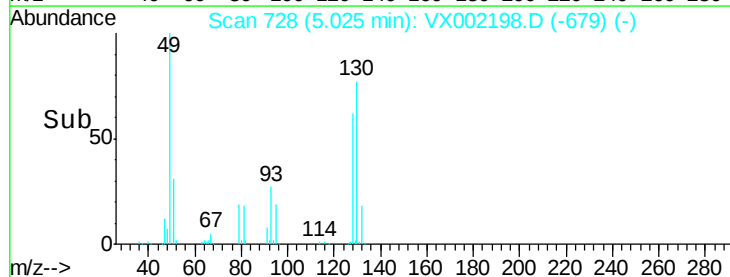
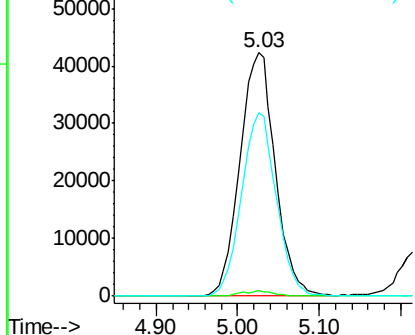
#28

Bromochloromethane
Concen: 65.46 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	74.3	59.4	89.2



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





#29

Tetrahydrofuran

Concen: 243.01 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002198.D

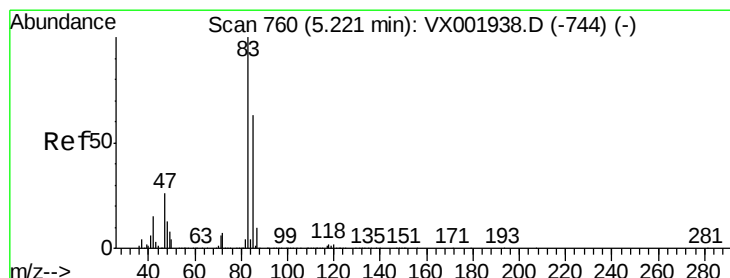
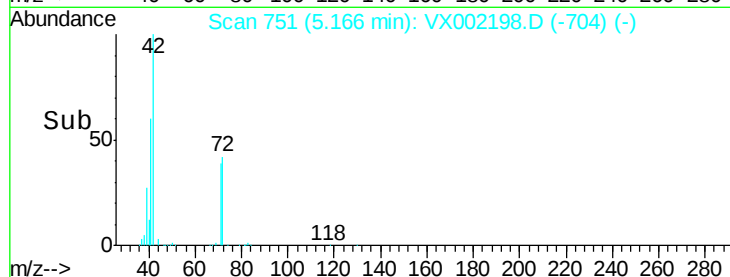
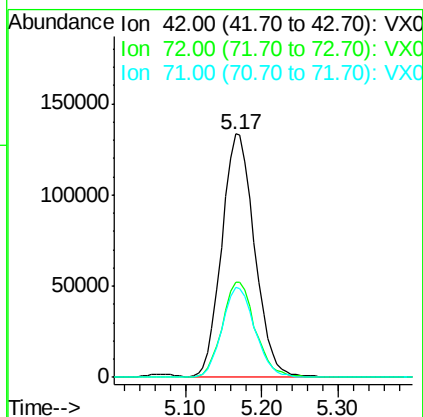
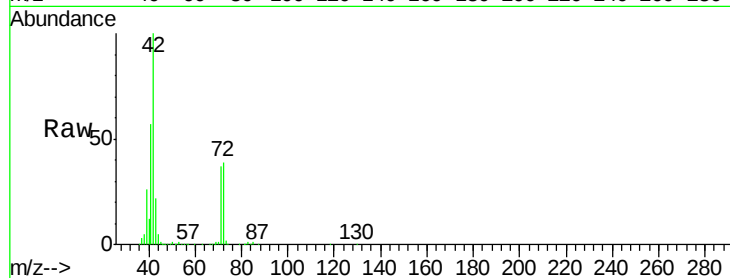
Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	42	Resp:	395045
Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.4	47.0
71	37.1	29.5	44.3



#30

Chloroform

Concen: 48.82 ug/l

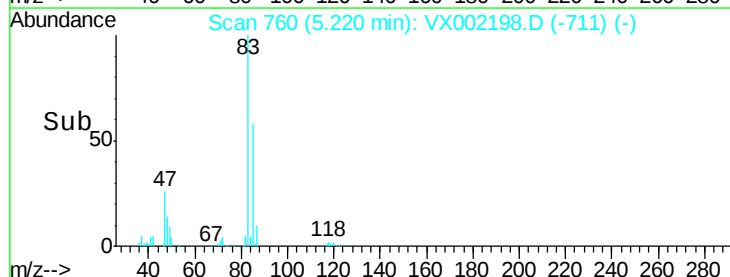
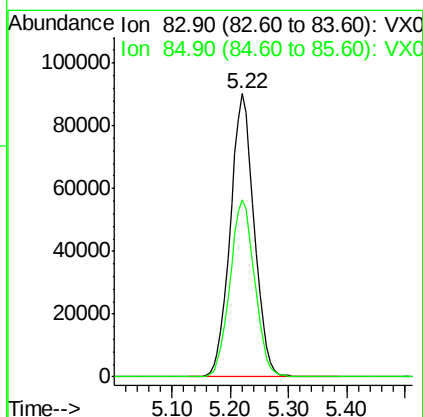
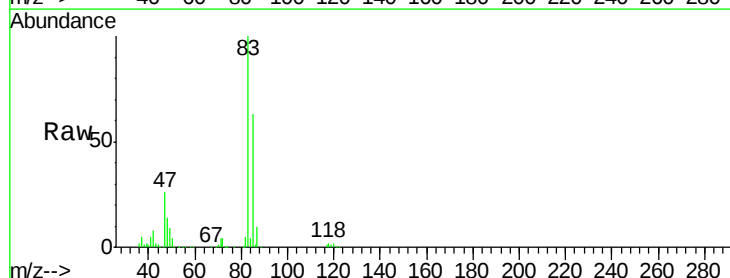
RT: 5.22 min Scan# 760

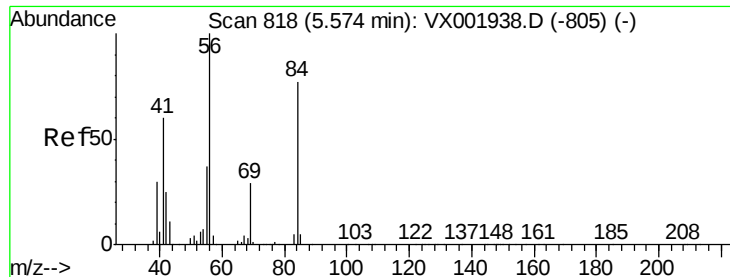
Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Tgt Ion:	83	Resp:	256952
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.9	76.3

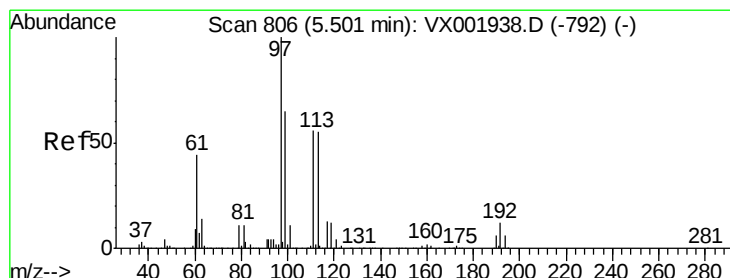
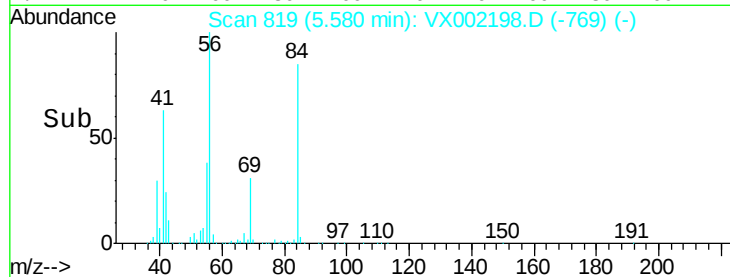
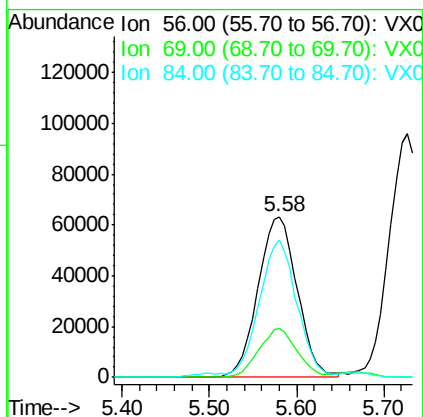
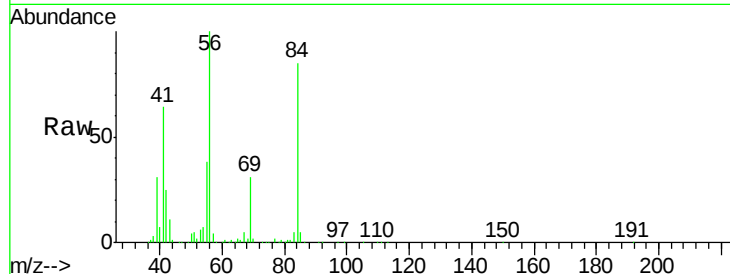




#31
Cyclohexane
Concen: 40.45 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

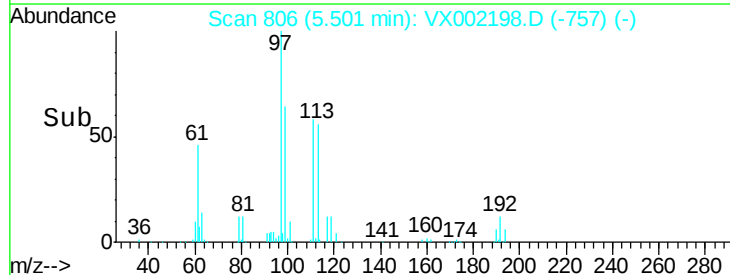
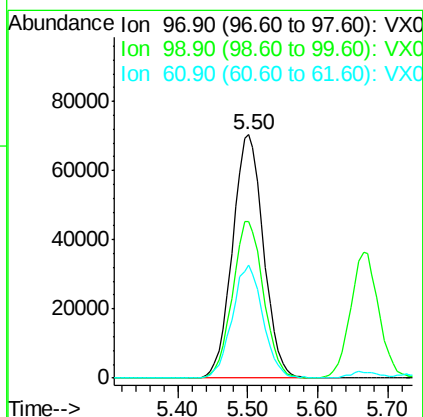
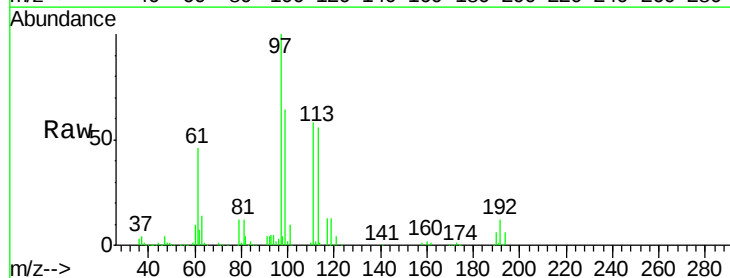
Instrument :
MSVOA_X
ClientSampleId :

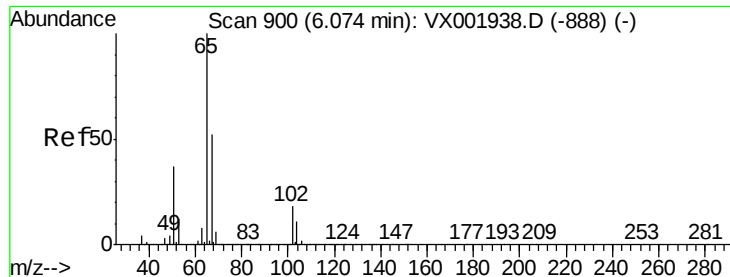
Tot Ion: 56 Resp: 196886
Ion Ratio Lower Upper
56 100
69 30.7 23.1 34.7
84 83.9 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 44.01 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion: 97 Resp: 215961
Ion Ratio Lower Upper
97 100
99 64.4 51.9 77.9
61 45.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 44.09 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

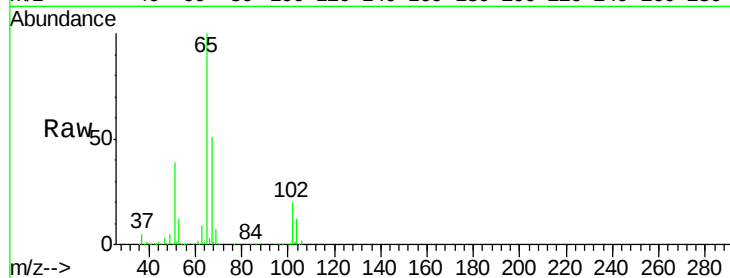
ClientSampleId :

Tot Ion: 65 Resp: 155747

Ion Ratio Lower Upper

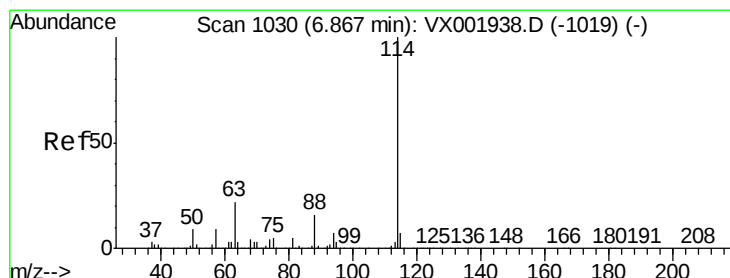
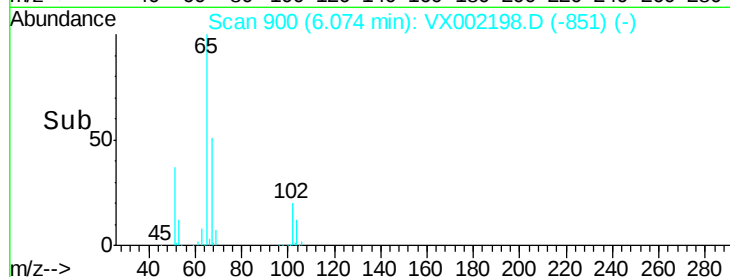
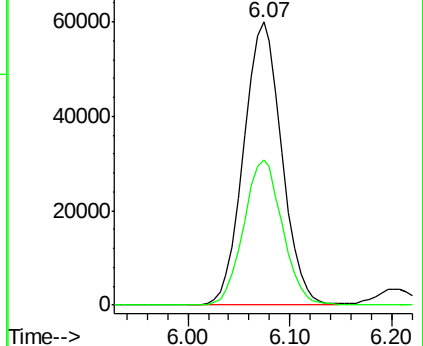
65 100

67 52.0 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

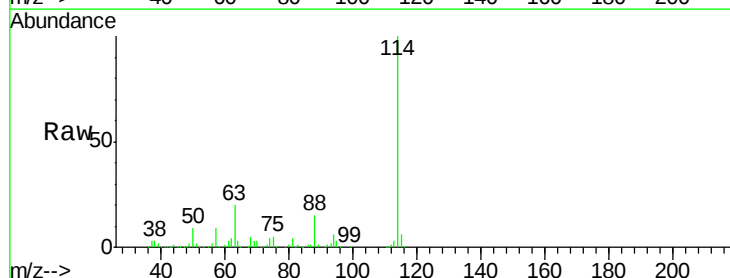
Tgt Ion: 114 Resp: 290371

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

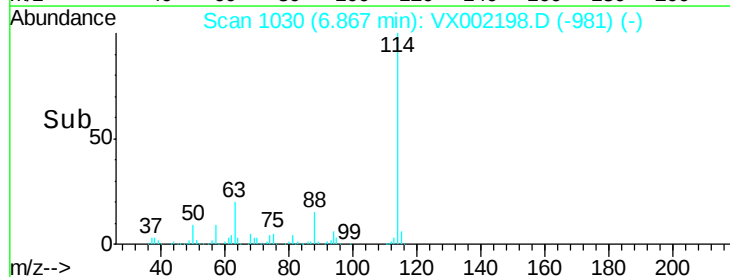
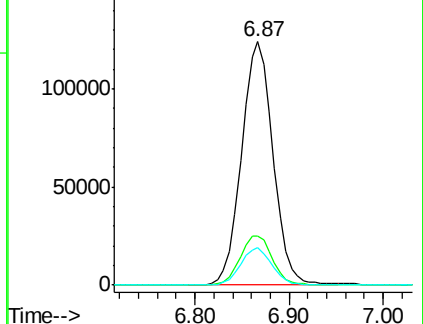
88 15.4 0.0 31.6

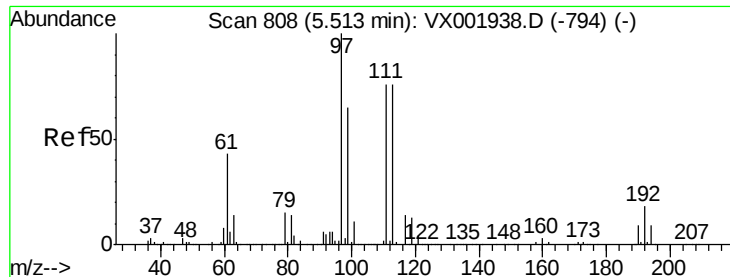


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

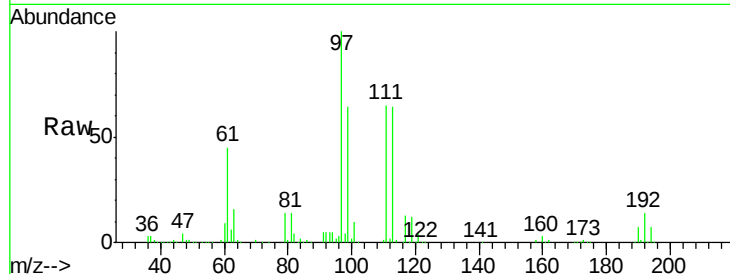




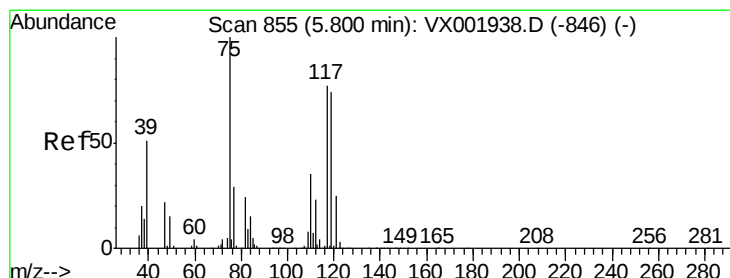
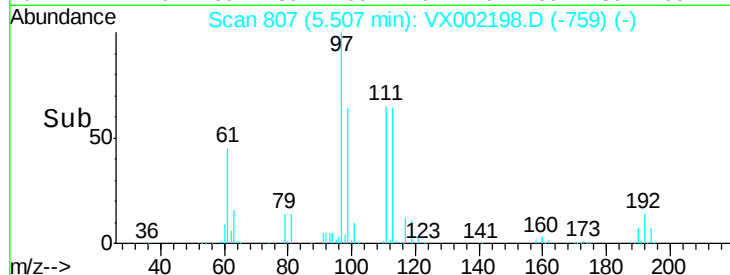
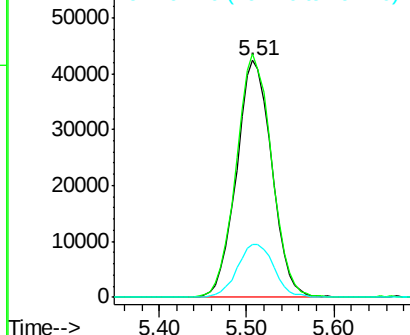
#35
Dibromofluoromethane
Concen: 40.96 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 118943
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 23.3 18.9 28.3

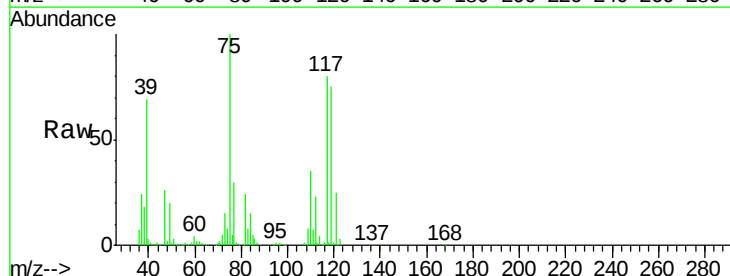


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

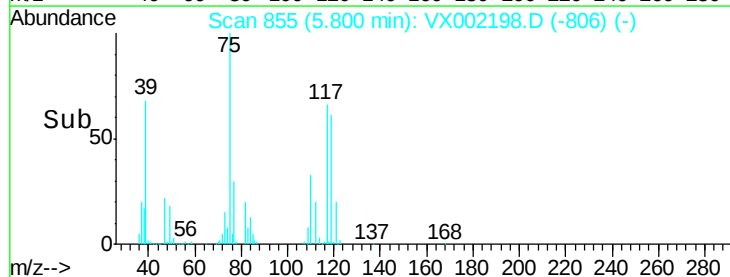
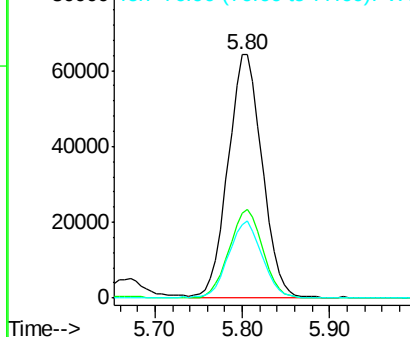


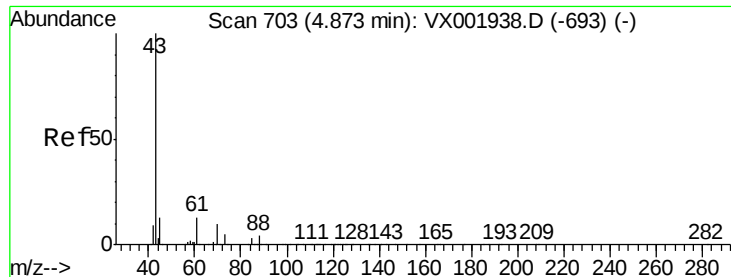
#36
1,1-Dichloropropene
Concen: 42.91 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion: 75 Resp: 173297
Ion Ratio Lower Upper
75 100
110 36.3 17.4 52.2
77 30.7 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

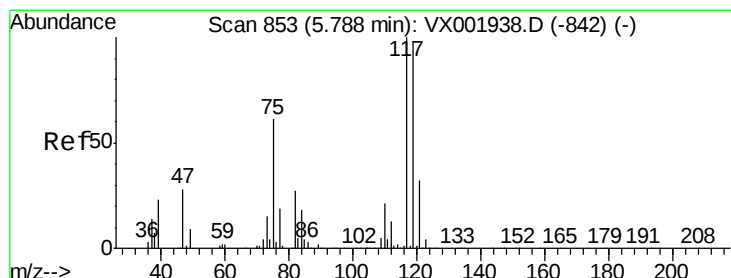
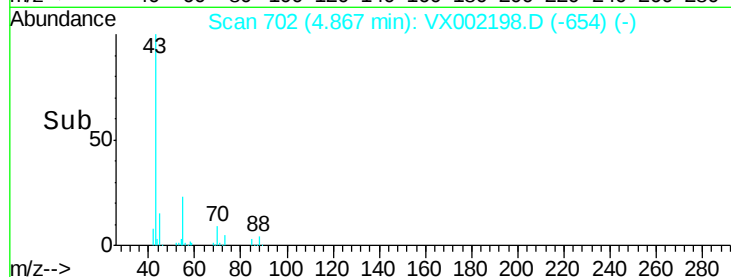
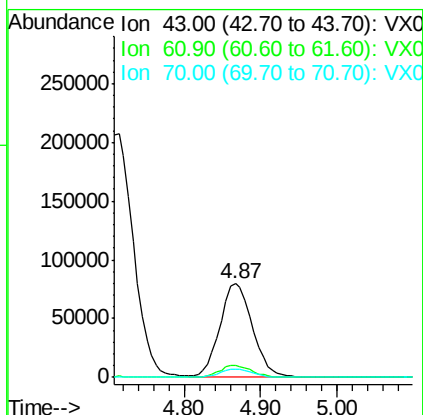
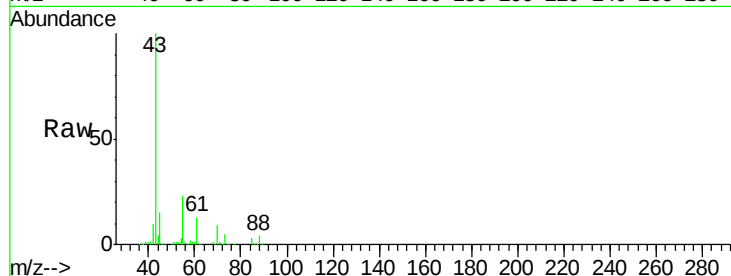




#37
Ethyl Acetate
Concen: 44.66 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

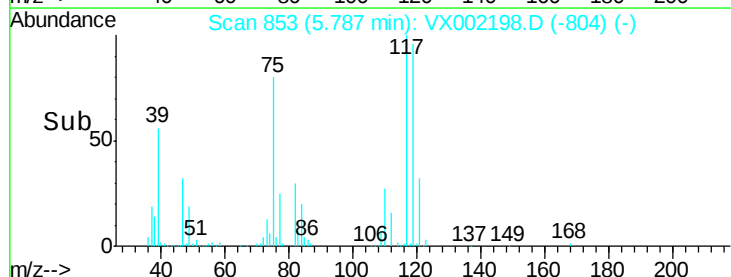
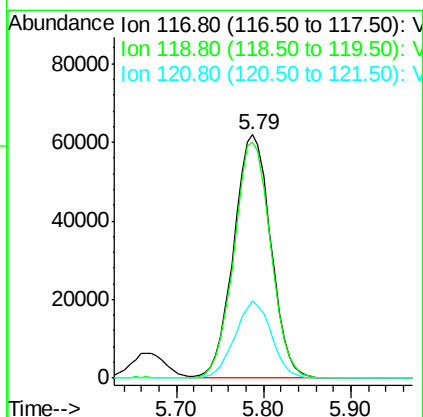
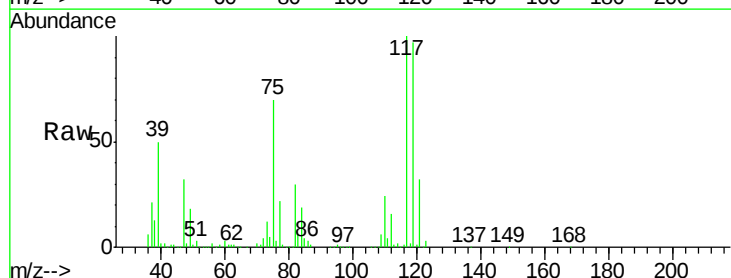
Instrument :
MSVOA_X
ClientSampleId :

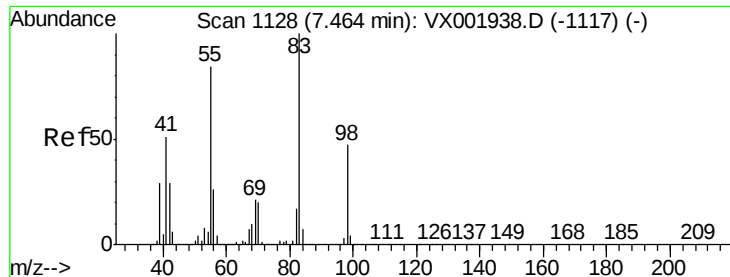
Tot Ion: 43 Resp: 235178
Ion Ratio Lower Upper
43 100
61 12.3 10.2 15.2
70 9.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 38.70 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion: 117 Resp: 182279
Ion Ratio Lower Upper
117 100
119 96.8 78.5 117.7
121 31.7 25.5 38.3

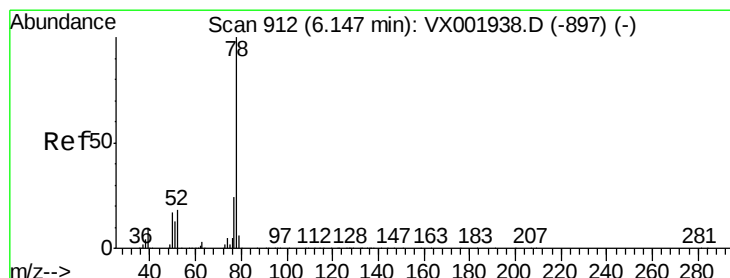
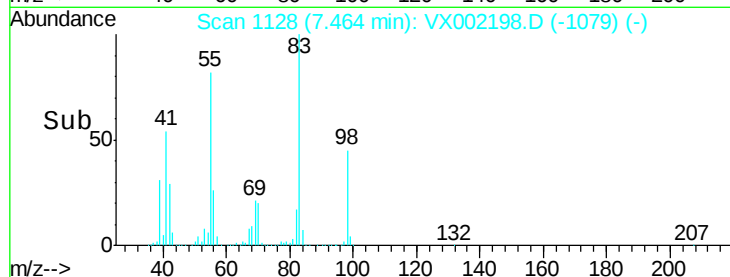
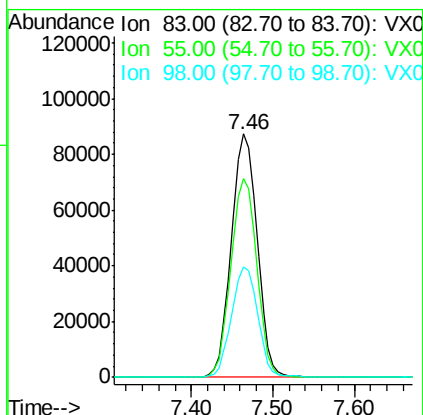
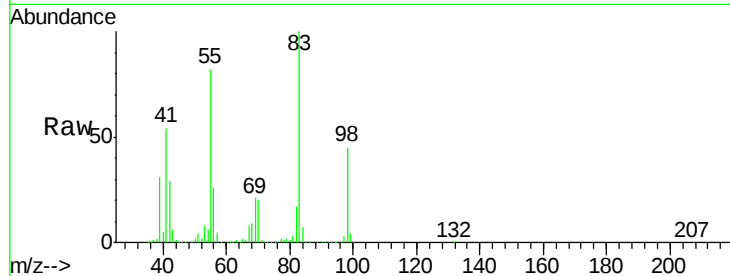




#39
Methvlcvclohexane
Concen: 38.57 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

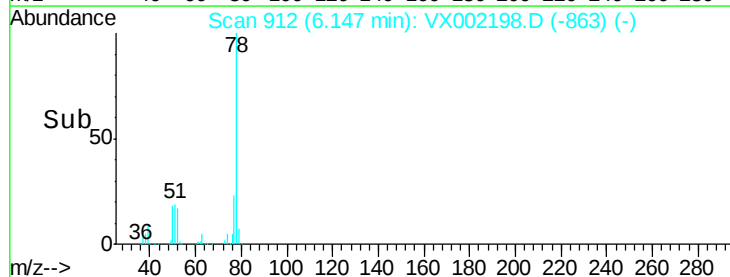
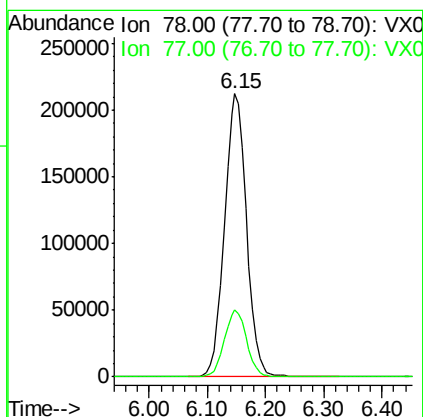
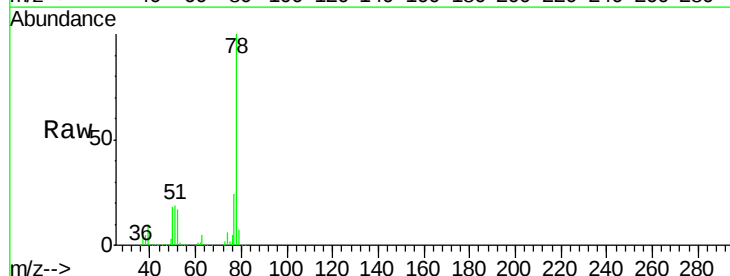
Instrument :
MSVOA_X
ClientSampleId :

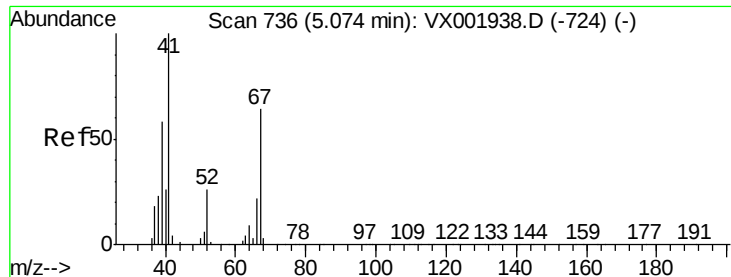
Tot Ion	83	Resp	191394
Ion Ratio	Lower	Upper	
83	100		
55	81.8	67.3	100.9
98	45.4	37.5	56.3



#40
Benzene
Concen: 47.03 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion	78	Resp	556547
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.1	28.7





#41

Methacrylonitrile

Concen: 48.20 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 134073

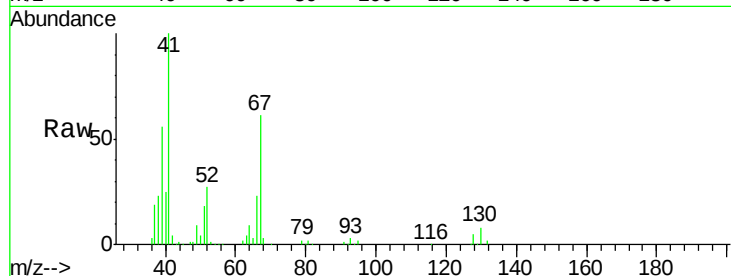
Ion Ratio Lower Upper

41 100

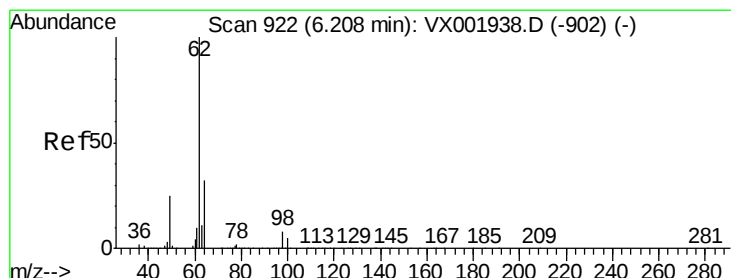
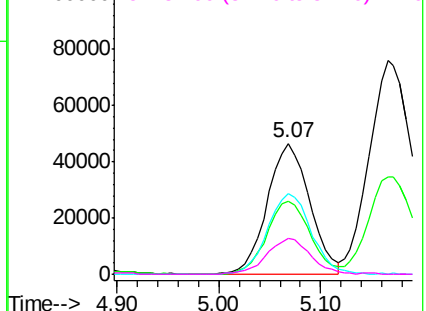
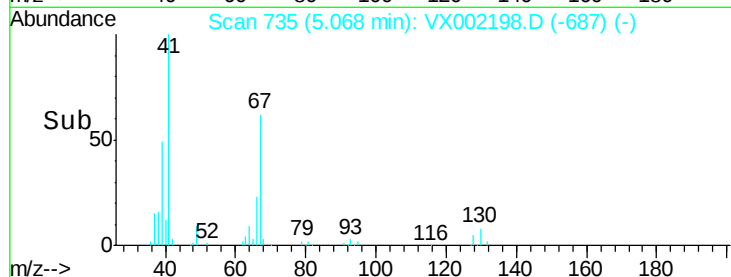
39 56.5 46.0 69.0

67 63.2 50.6 75.8

52 27.8 21.9 32.9



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: 47.29 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX002198.D

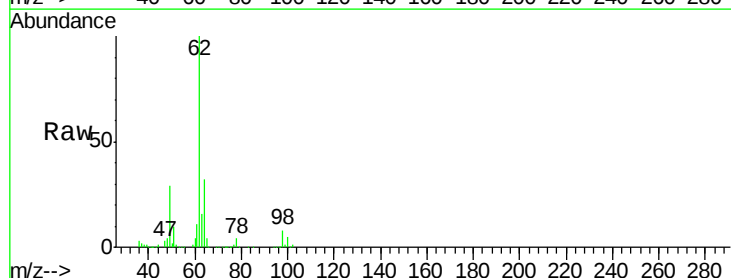
Acq: 01 Jun 2018 01:42

Tgt Ion: 62 Resp: 223511

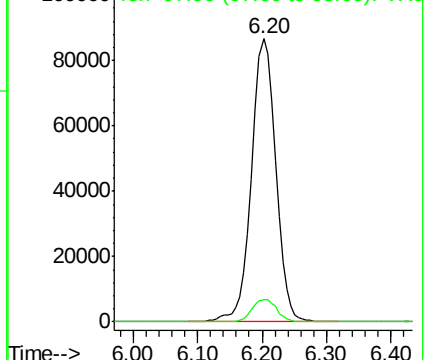
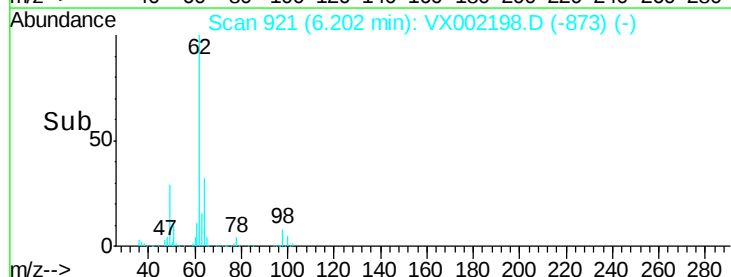
Ion Ratio Lower Upper

62 100

98 8.2 0.0 17.0



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



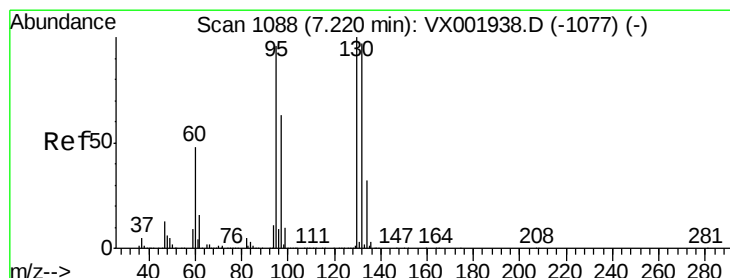
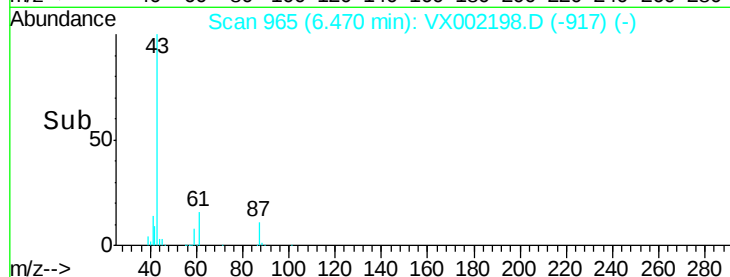
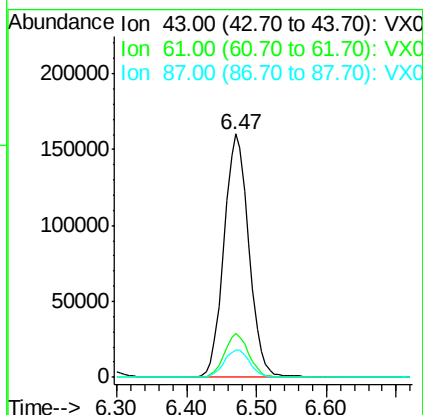
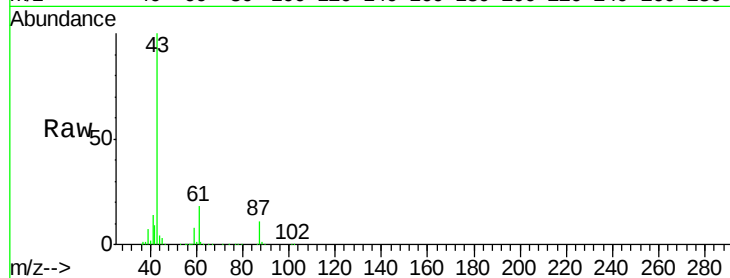


#43

Isopropyl Acetate
 Concen: 44.87 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

Instrument :
 MSVOA_X
 ClientSampled :

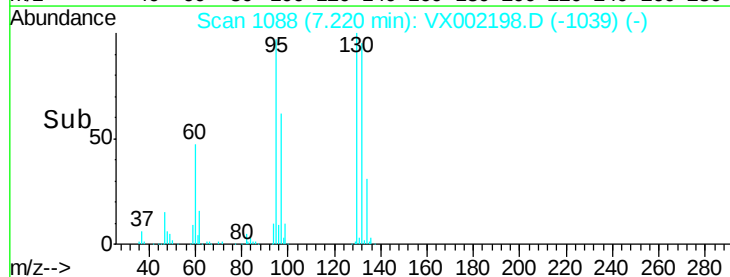
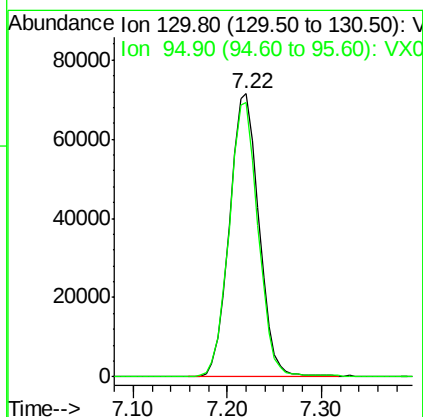
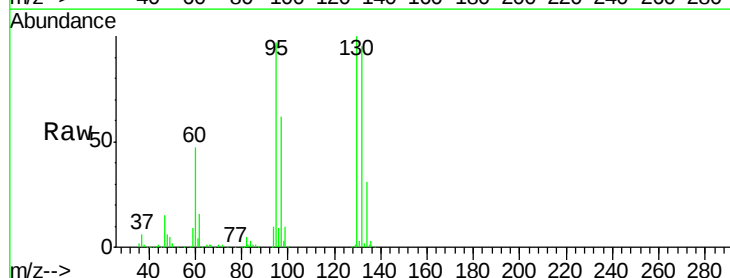
Tot Ion: 43 Resp: 393711
 Ion Ratio Lower Upper
 43 100
 61 17.7 14.5 21.7
 87 11.6 9.5 14.3

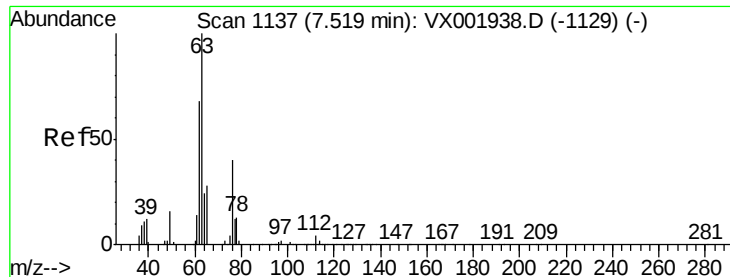


#44

Trichloroethene
 Concen: 45.06 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

Tgt Ion: 130 Resp: 155370
 Ion Ratio Lower Upper
 130 100
 95 96.9 0.0 192.0





#45

1,2-Dichloropropane

Concen: 47.58 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

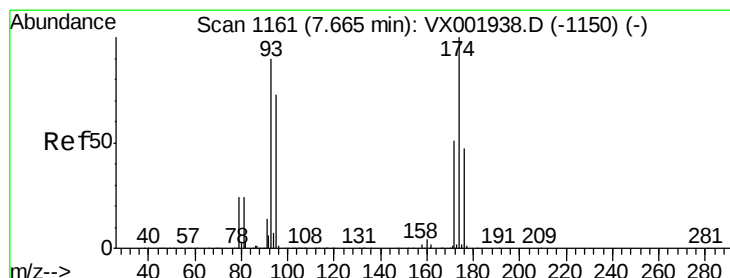
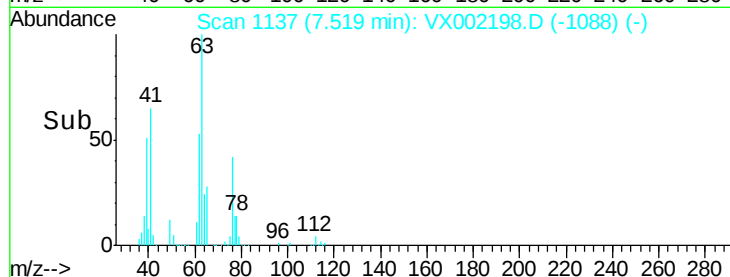
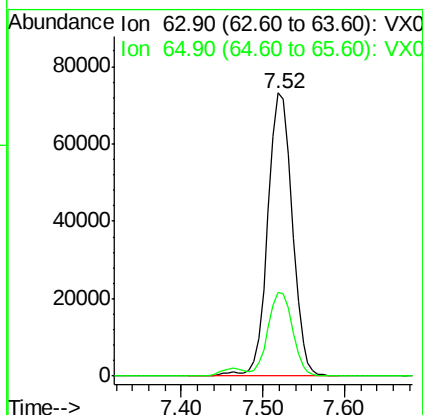
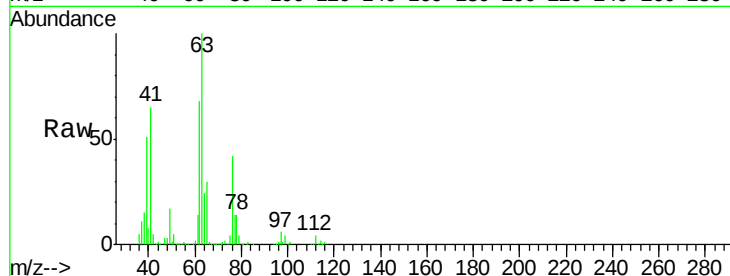
ClientSampleId :

Tot Ion: 63 Resp: 152882

Ion Ratio Lower Upper

63 100

65 29.5 24.1 36.1



#46

Dibromomethane

Concen: 47.17 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

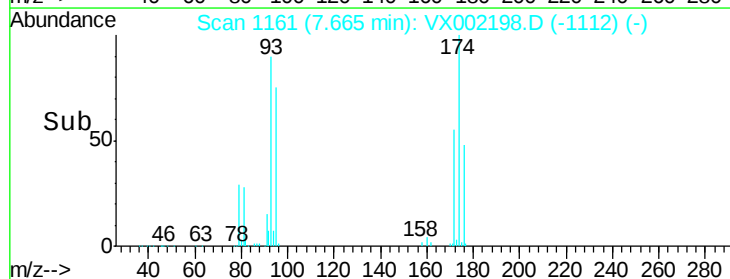
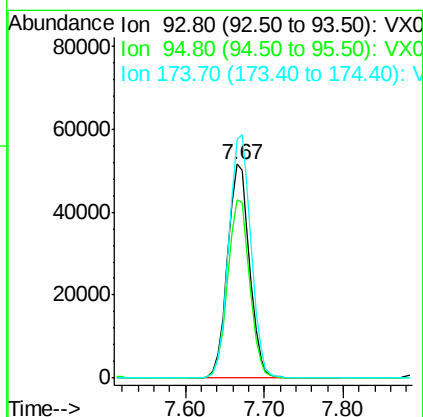
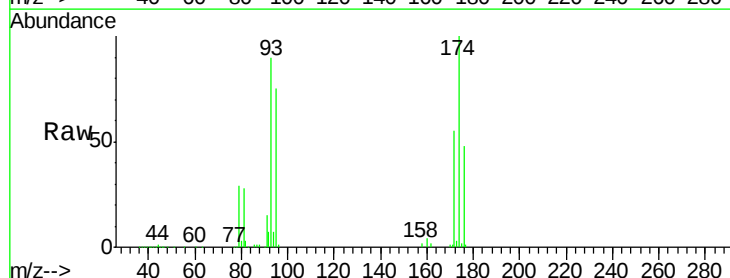
Tgt Ion: 93 Resp: 100355

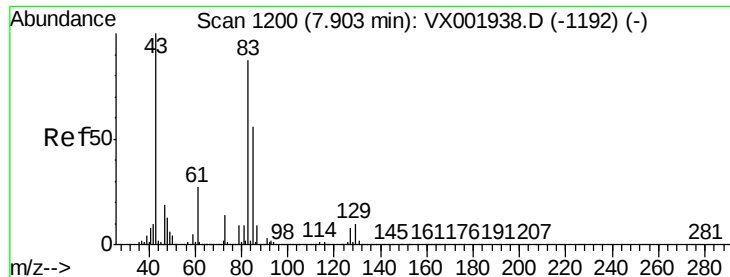
Ion Ratio Lower Upper

93 100

95 83.2 66.1 99.1

174 114.6 92.5 138.7





#47

Bromodichloromethane

Concen: 41.73 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

ClientSampled :

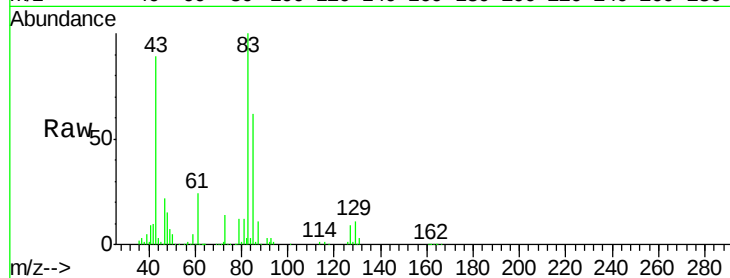
Tot Ion: 83 Resp: 189288

Ion Ratio Lower Upper

83 100

85 62.4 51.4 77.2

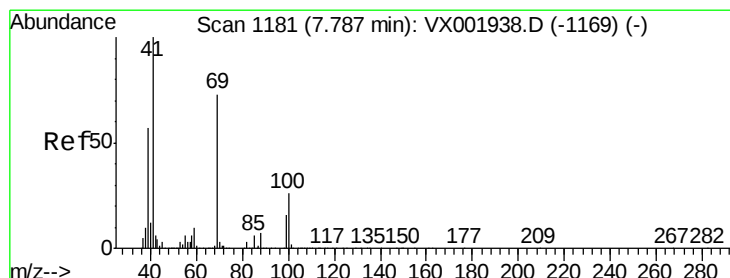
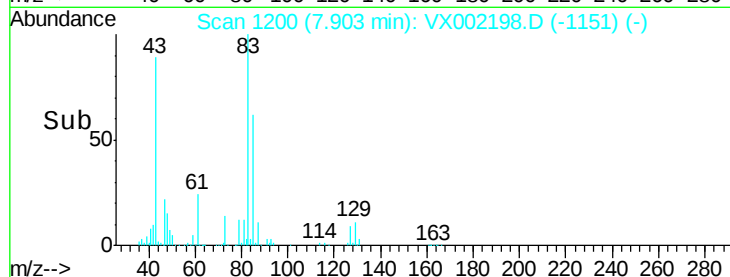
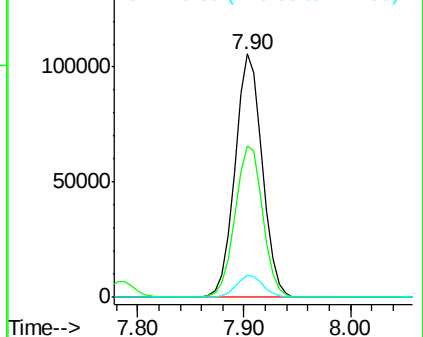
127 9.1 7.1 10.7



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: 45.04 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

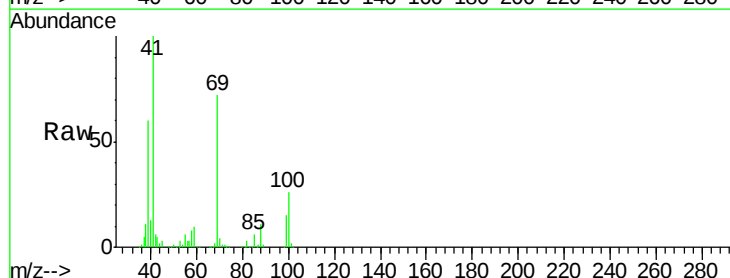
Tgt Ion: 41 Resp: 201108

Ion Ratio Lower Upper

41 100

69 73.1 58.6 87.8

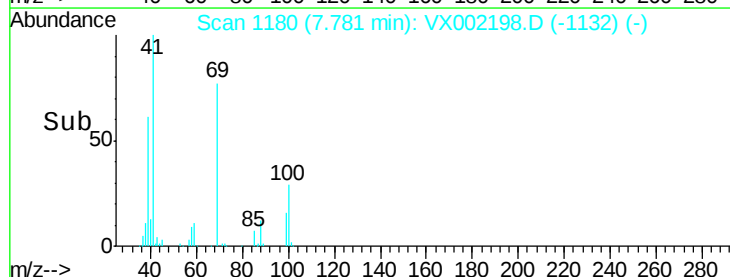
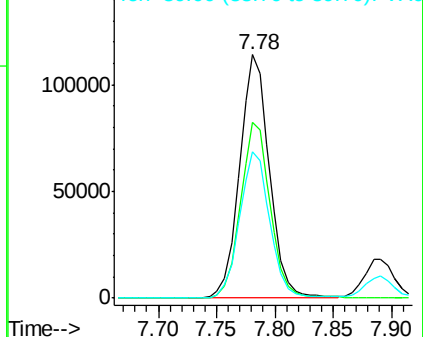
39 61.1 46.3 69.5

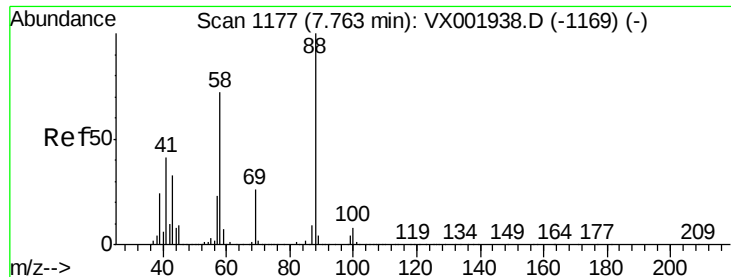


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



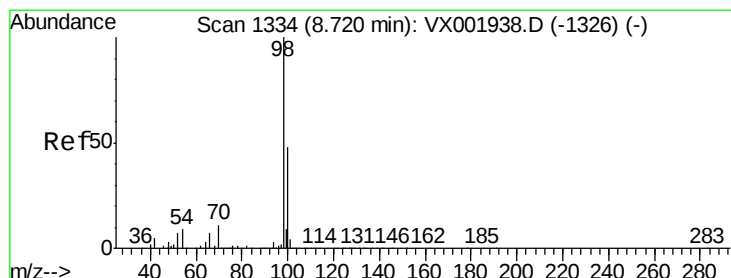
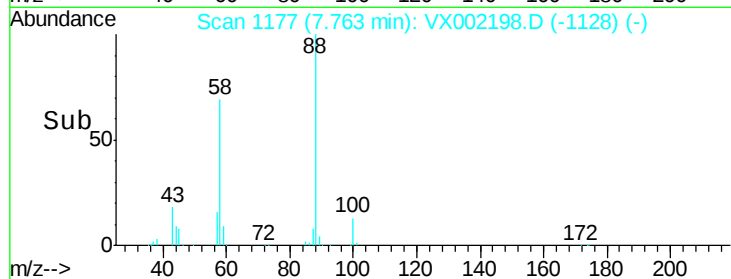
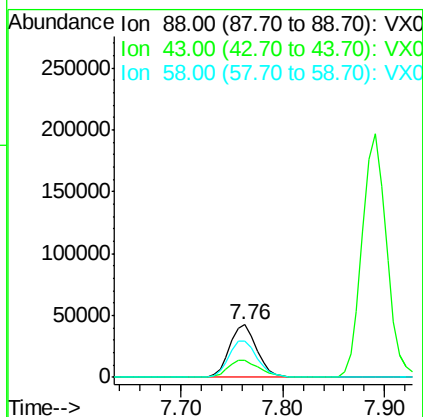
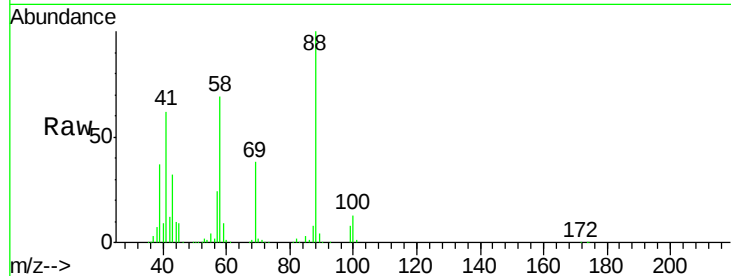


#49
 1,4-Dioxane
 Concen: 1007.85 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 79307

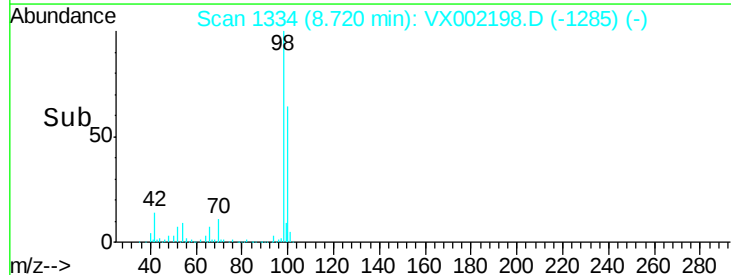
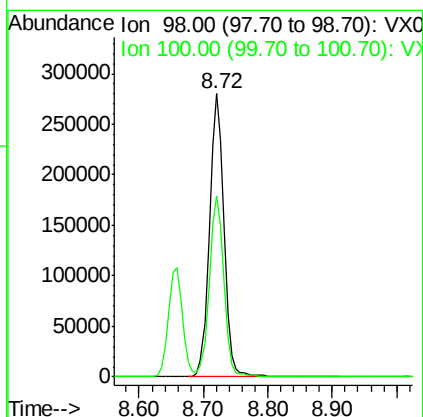
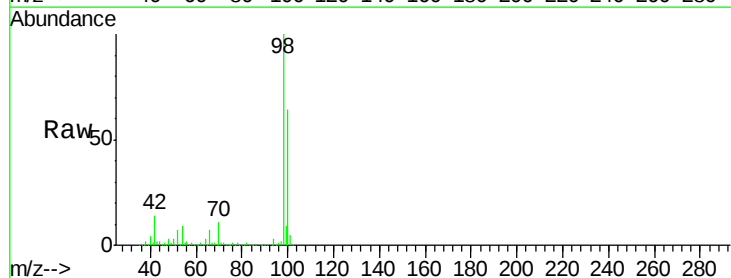
Ion	Ratio	Lower	Upper
88	100		
43	36.8	29.8	44.8
58	72.6	58.7	88.1

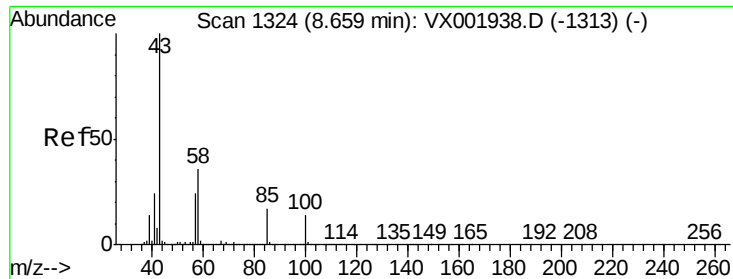


#50
 Toluene-d8
 Concen: 41.91 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

Tgt Ion: 98 Resp: 440585

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3

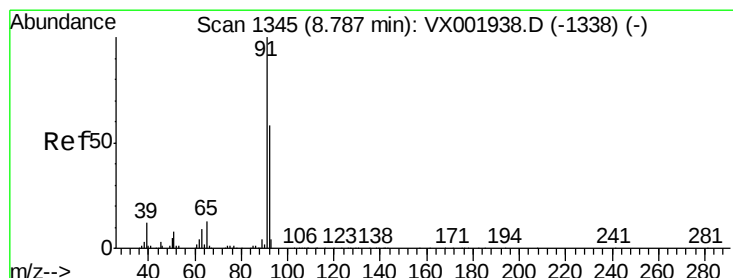
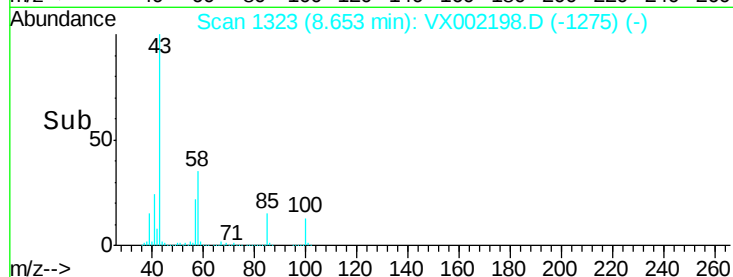
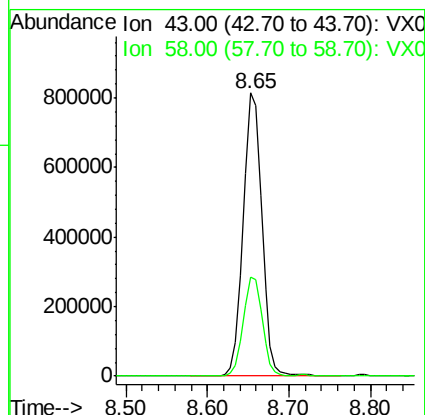
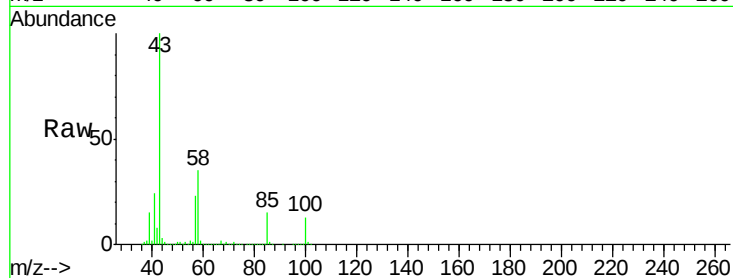




#51
 4-Methyl-2-Pentanone
 Concen: 243.97 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

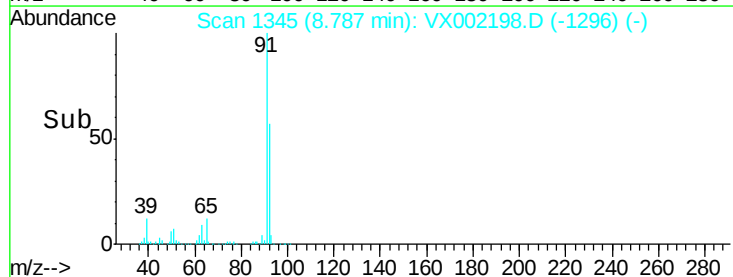
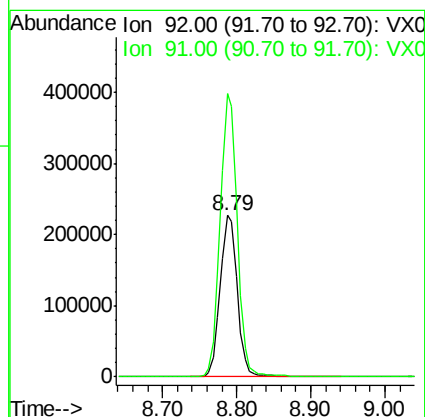
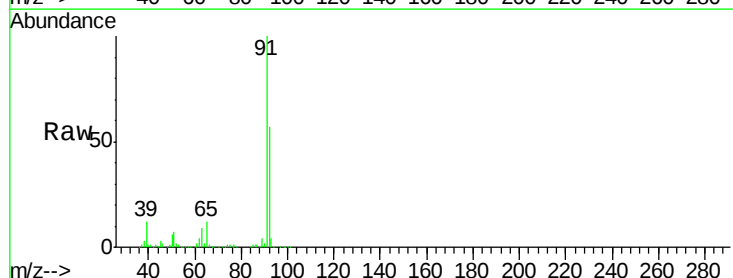
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 1290320
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.5 42.7



#52
 Toluene
 Concen: 47.91 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

Tgt Ion: 92 Resp: 360817
 Ion Ratio Lower Upper
 92 100
 91 174.7 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 42.78 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

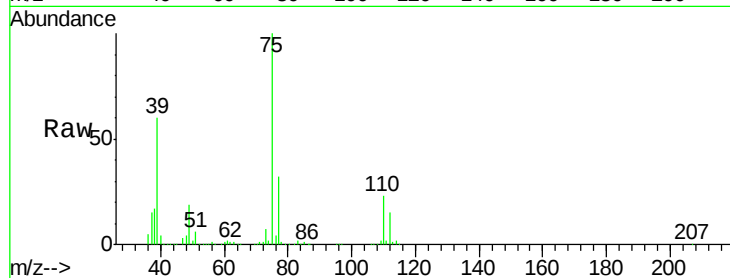
ClientSampleId :

Tot Ion: 75 Resp: 223495

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

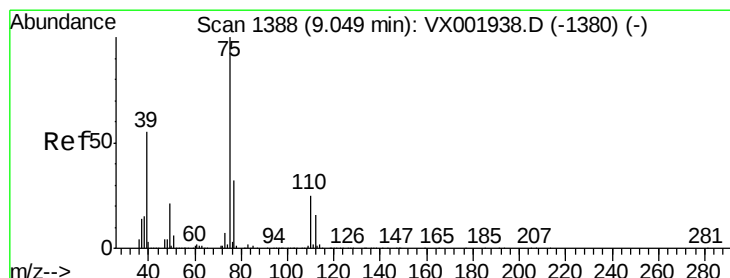
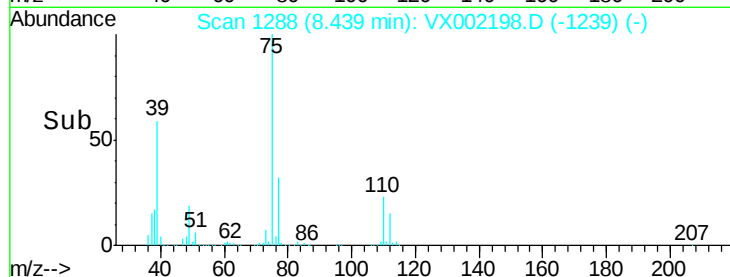
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 41.42 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

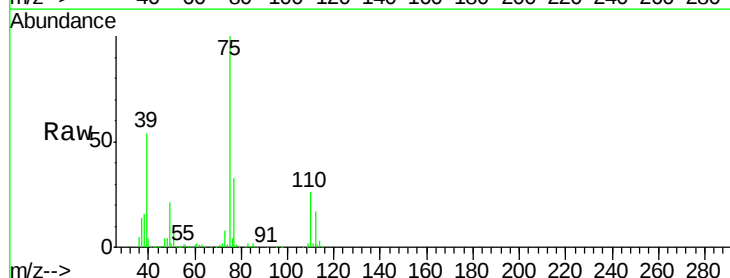
Tgt Ion: 75 Resp: 210883

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

39 54.3 44.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

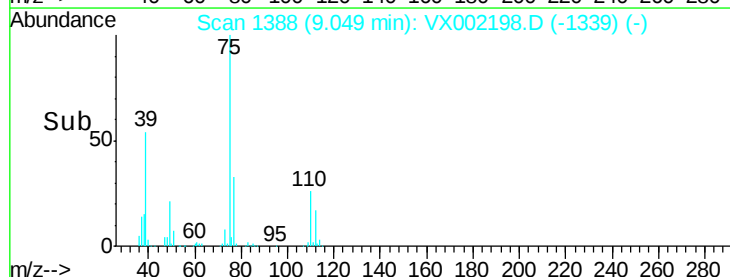
100000

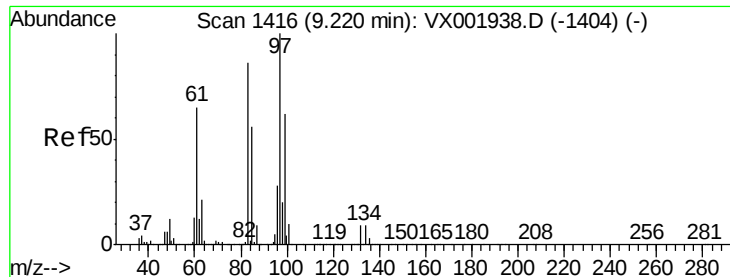
50000

0

9.00 9.10 9.20

Time-->





#55

1,1,2-Trichloroethane

Concen: 48.34 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 152061

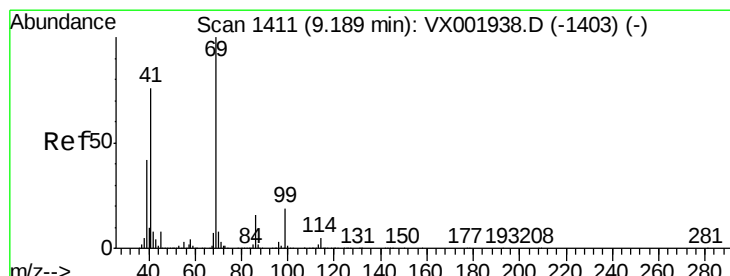
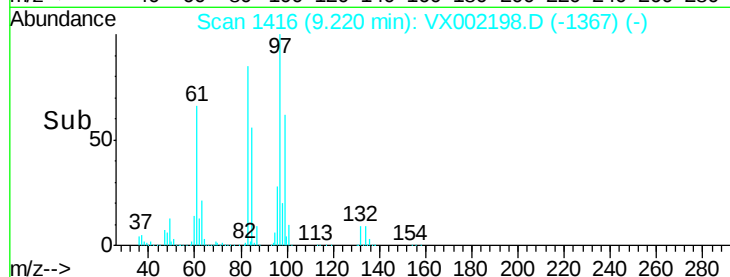
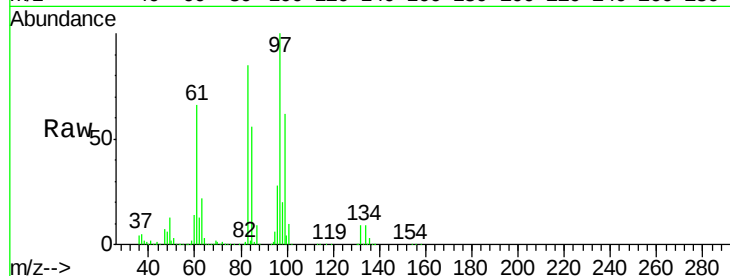
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.1	103.7
85	55.7	45.2	67.8
99	61.6	49.6	74.4

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 45.30 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

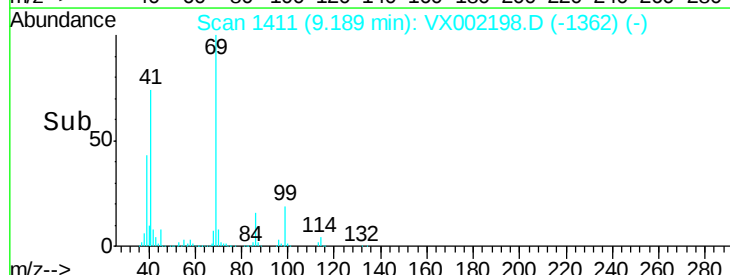
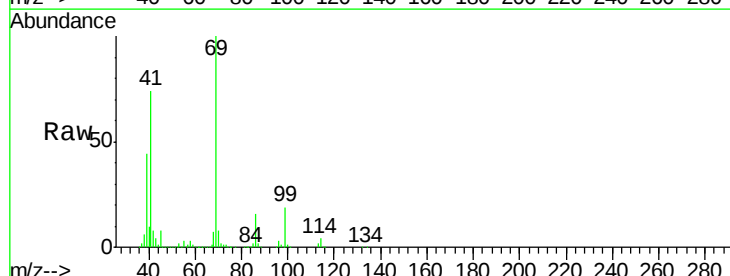
Tgt Ion: 69 Resp: 245104

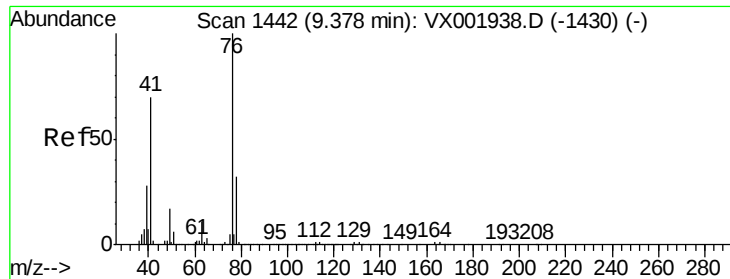
Ion	Ratio	Lower	Upper
69	100		
41	76.7	61.0	91.6
39	45.7	34.4	51.6

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: 48.71 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

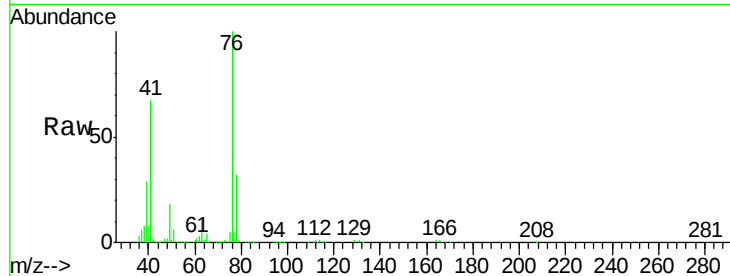
ClientSampleId :

Tot Ion: 76 Resp: 252446

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

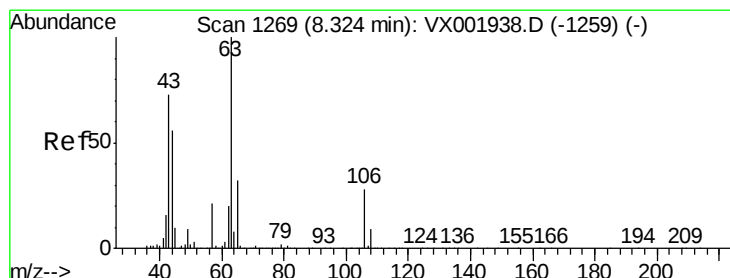
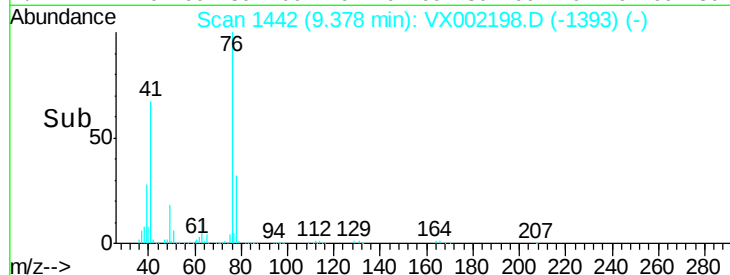
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 228.53 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002198.D

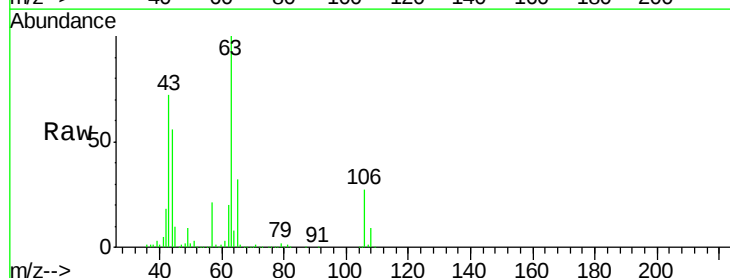
Acq: 01 Jun 2018 01:42

Tgt Ion: 63 Resp: 548071

Ion Ratio Lower Upper

63 100

106 27.0 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

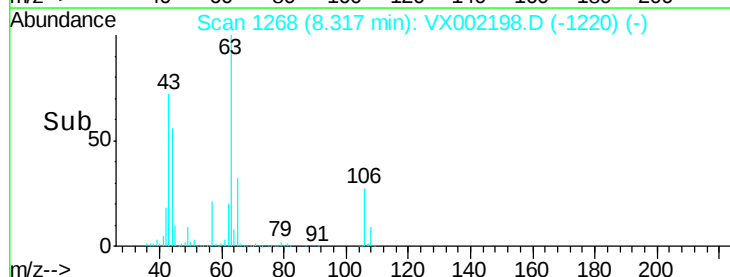
300000

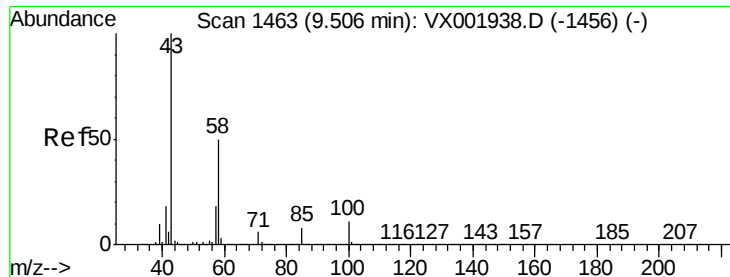
200000

100000

0

Time-->

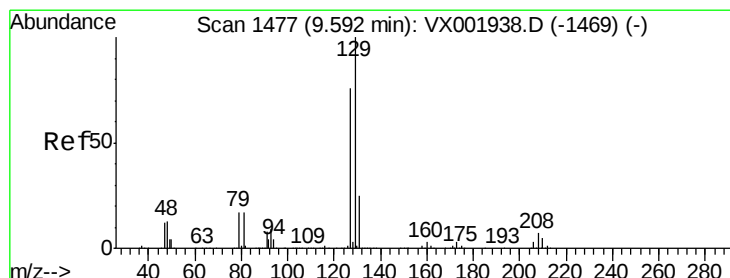
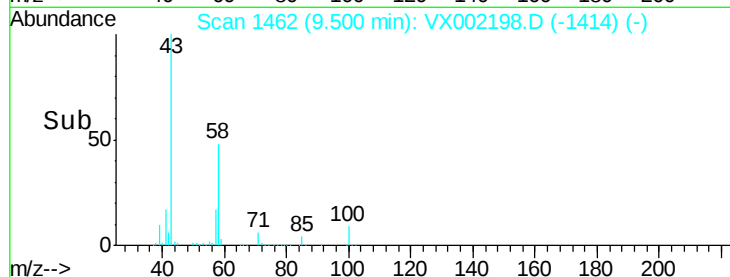
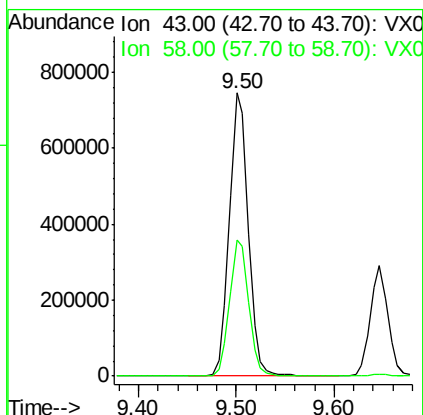
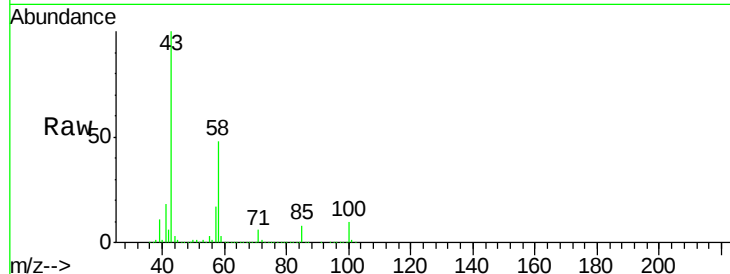




#59
2-Hexanone
Concen: 245.72 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

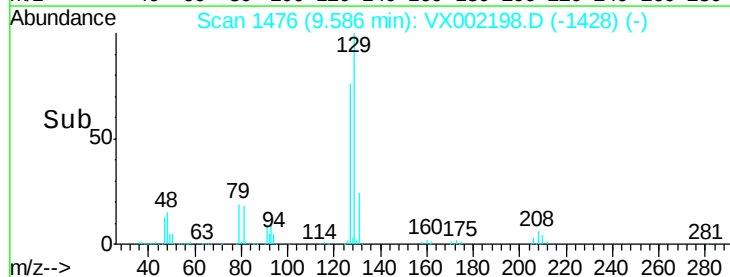
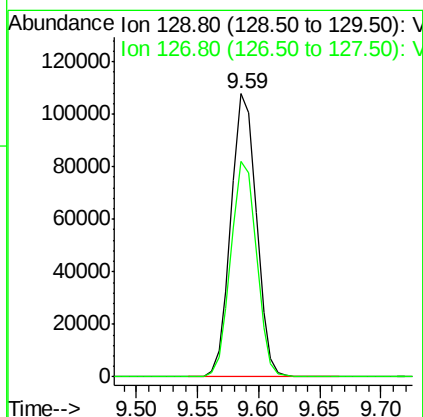
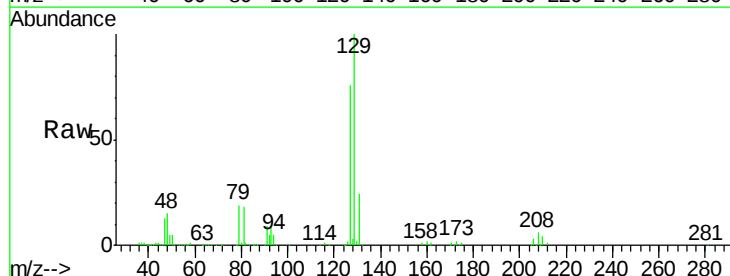
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1002069
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6



#60
Dibromochloromethane
Concen: 41.67 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion: 129 Resp: 155257
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 48.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

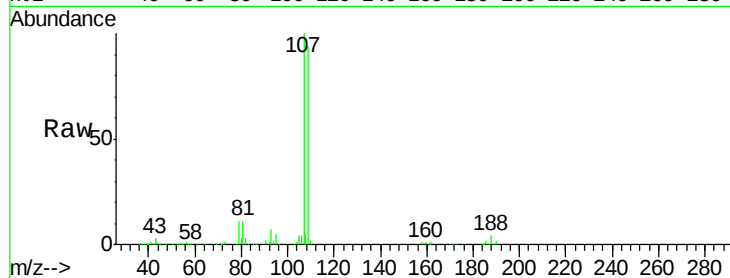
ClientSampleId :

Tot Ion:107 Resp: 160318

Ion Ratio Lower Upper

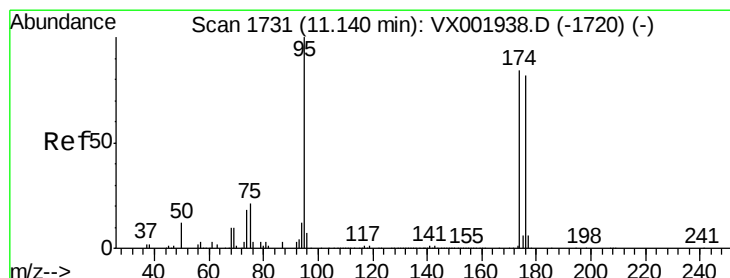
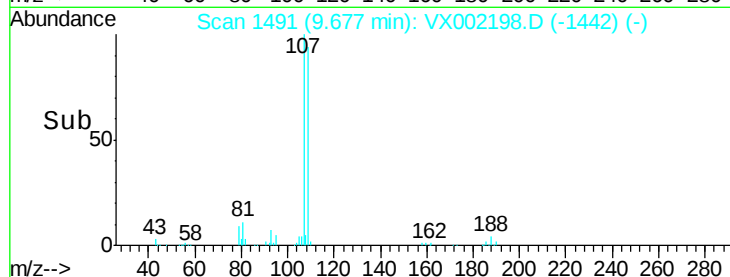
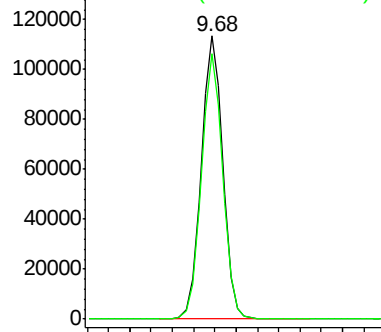
107 100

109 93.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

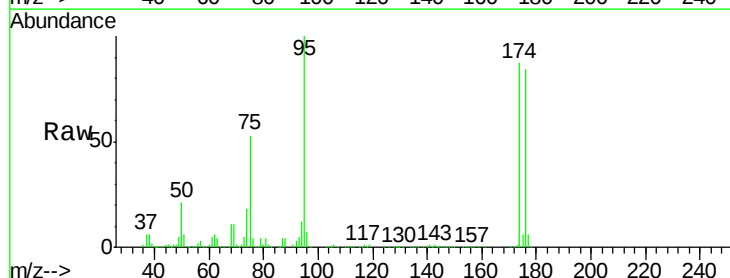
Tgt Ion: 95 Resp: 177916

Ion Ratio Lower Upper

95 100

174 92.5 0.0 178.8

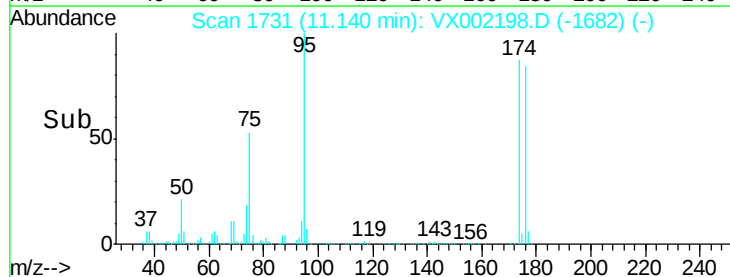
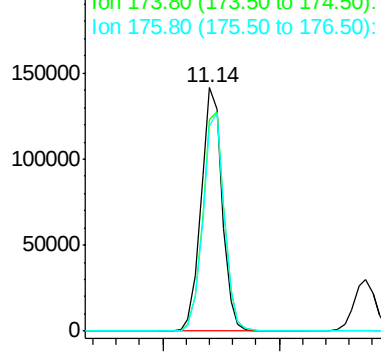
176 90.6 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

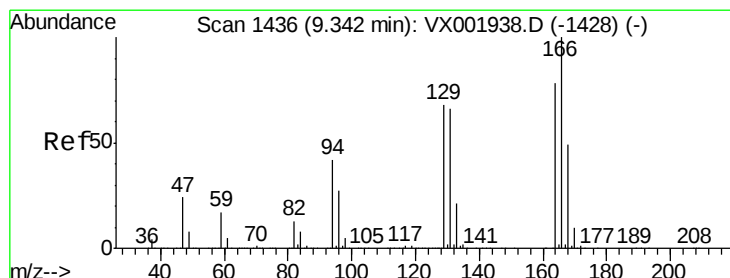
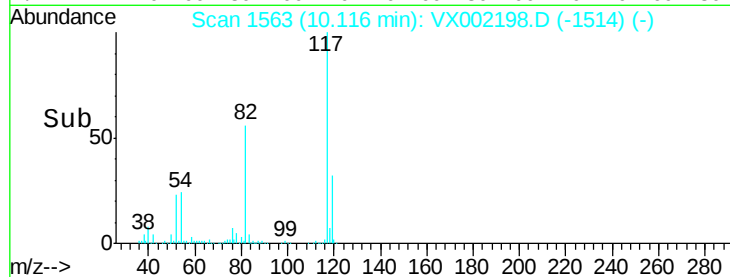
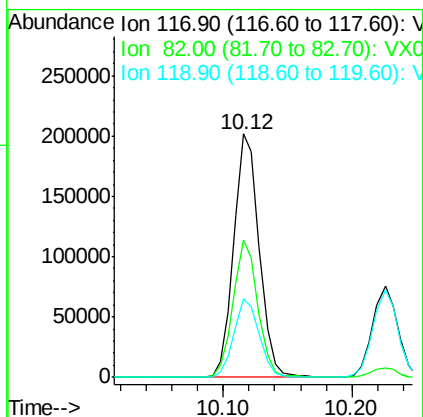
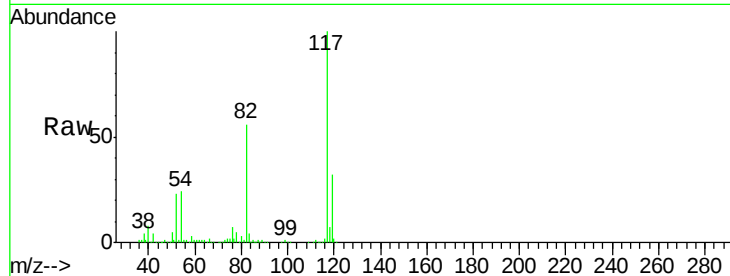




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

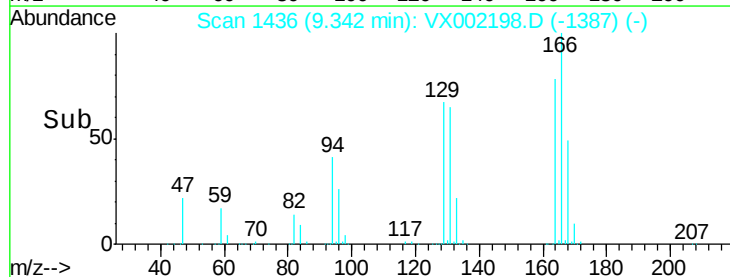
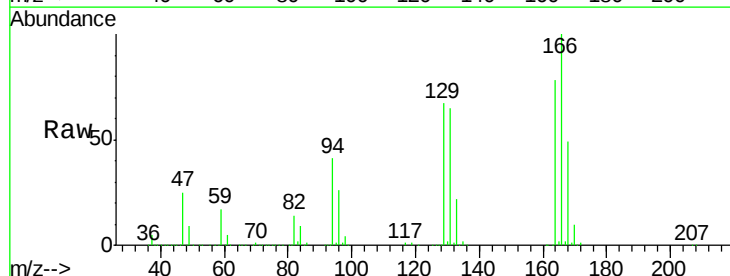
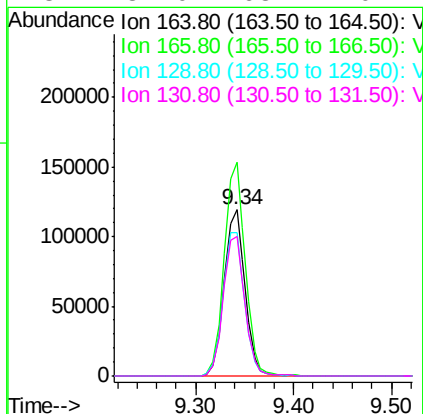
Instrument :
MSVOA_X
ClientSampleId :

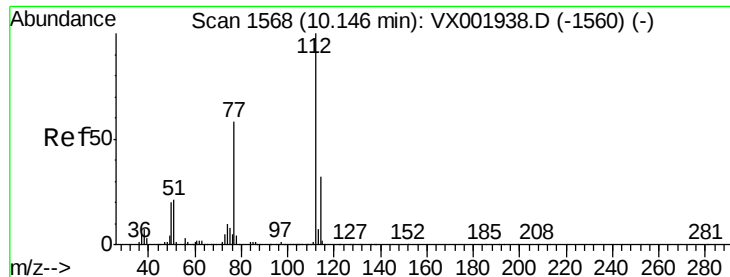
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.8	67.2
119	32.3	25.5	38.3



#64
Tetrachloroethene
Concen: 44.04 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	102.7	154.1
129	86.3	70.3	105.5
131	84.0	68.2	102.4





#65

Chlorobenzene

Concen: 46.34 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

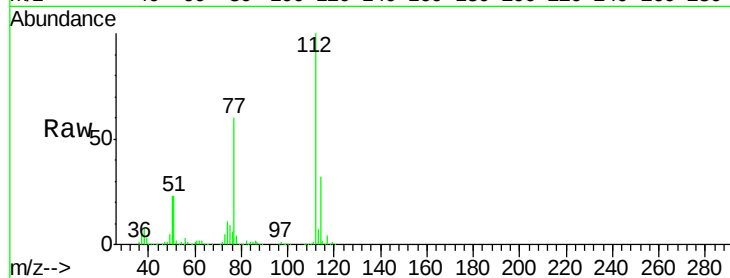
ClientSampleId :

Tot Ion:112 Resp: 410488

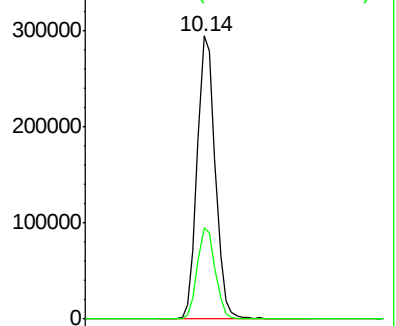
Ion Ratio Lower Upper

112 100

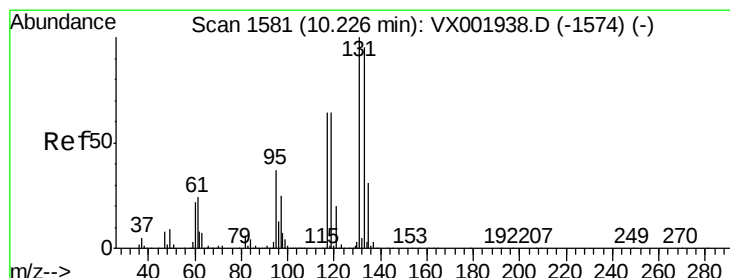
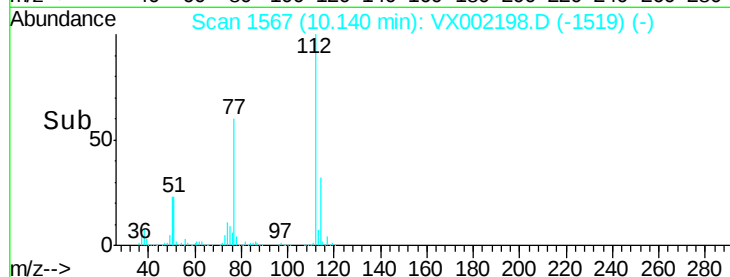
114 32.1 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 42.92 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

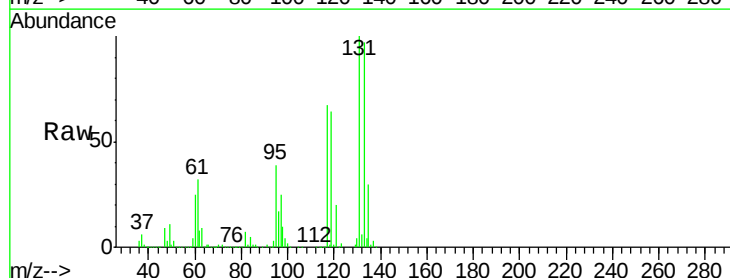
Tgt Ion:131 Resp: 153513

Ion Ratio Lower Upper

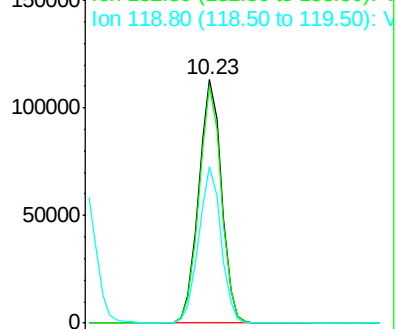
131 100

133 95.6 48.0 144.0

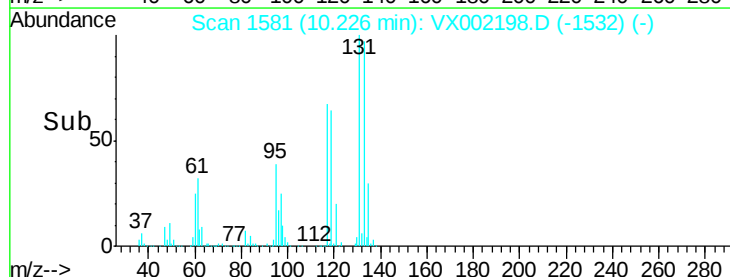
119 63.2 31.9 95.5

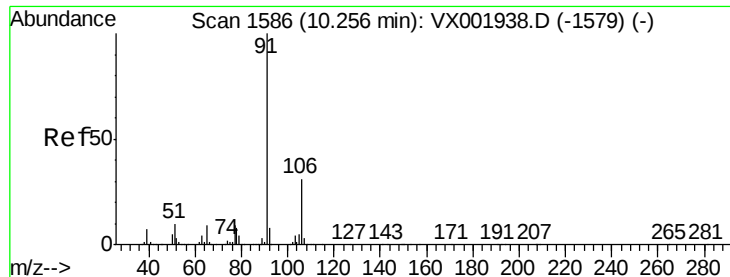


Abundance Ion 130.80 (130.50 to 131.50): V



Time-->





#67

Ethyl Benzene

Concen: 45.93 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

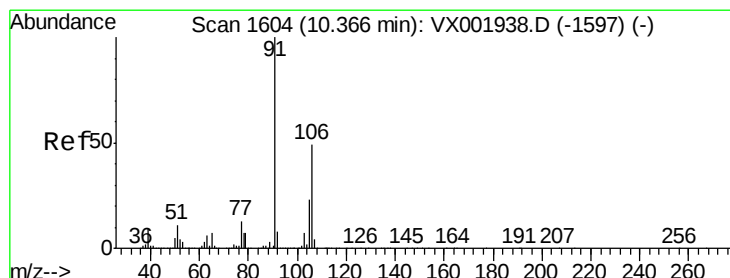
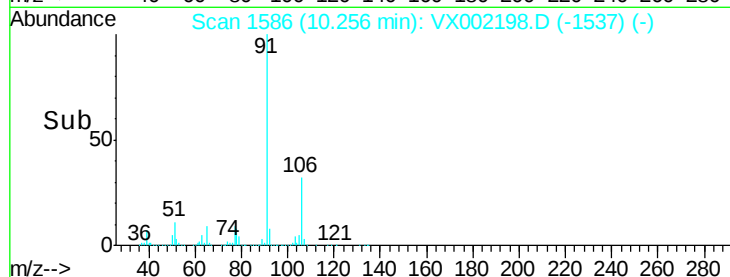
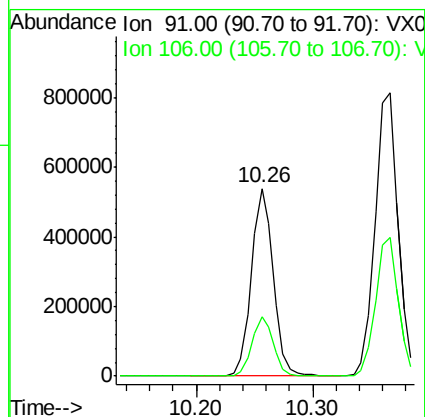
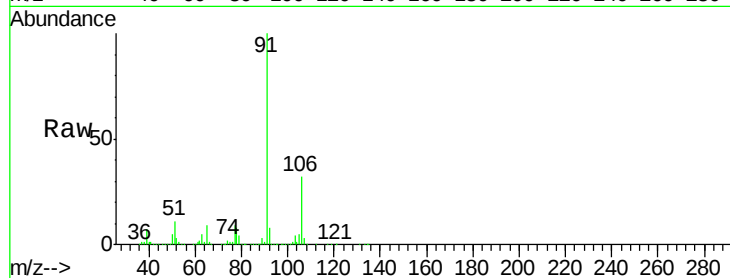
ClientSampleId :

Tot Ion: 91 Resp: 706888

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.6



#68

m/p-Xylenes

Concen: 92.86 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002198.D

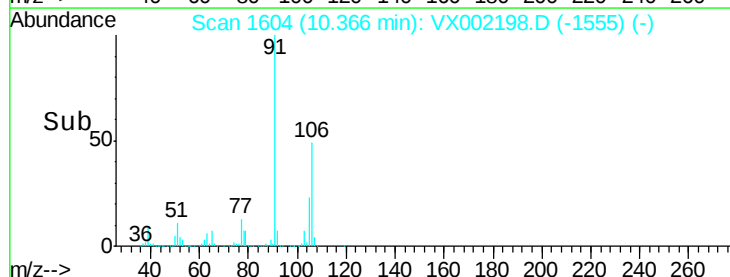
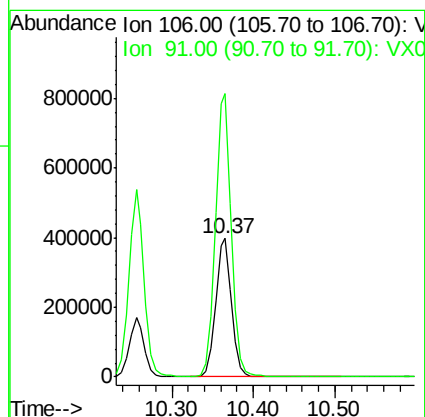
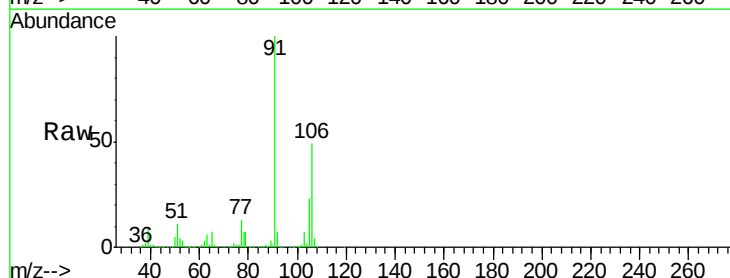
Acq: 01 Jun 2018 01:42

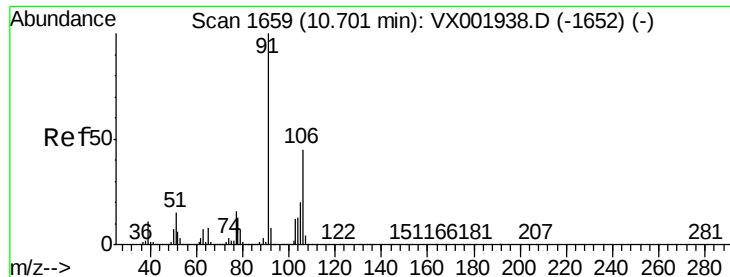
Tgt Ion: 106 Resp: 546288

Ion Ratio Lower Upper

106 100

91 206.3 165.0 247.6

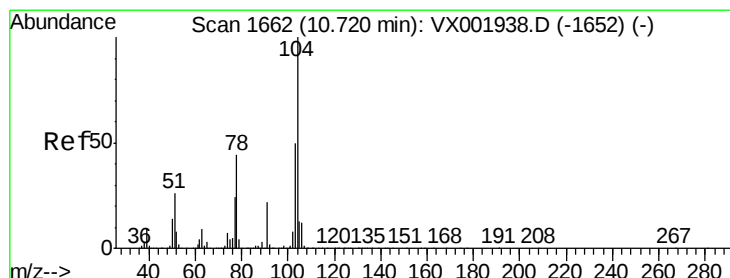
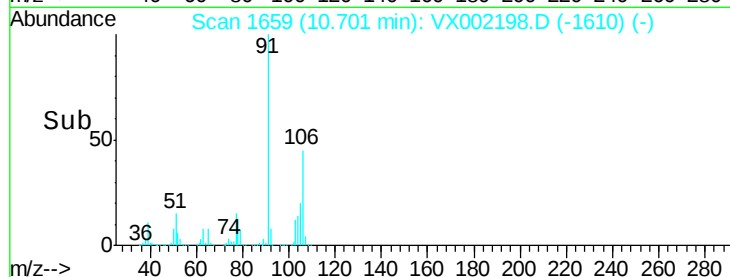
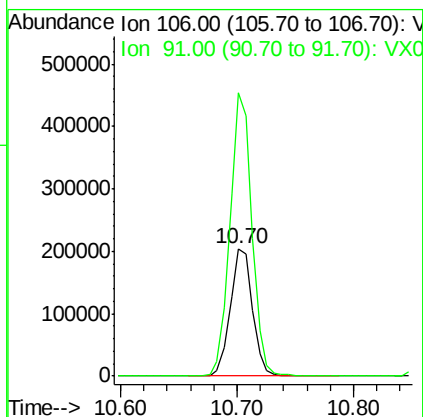
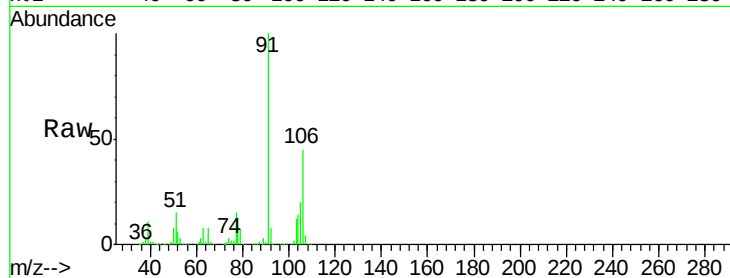




#69
o-Xylene
Concen: 46.30 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

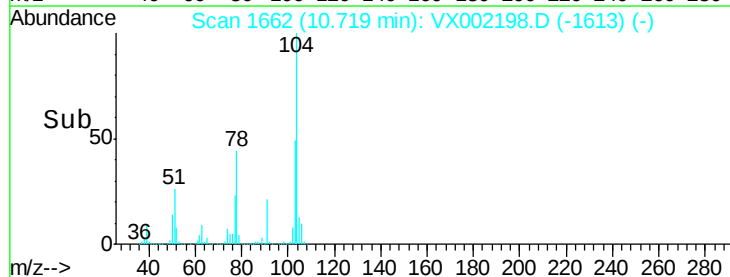
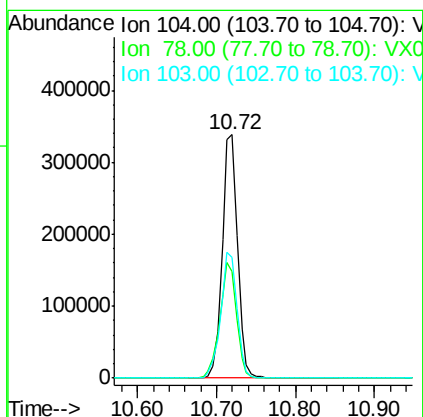
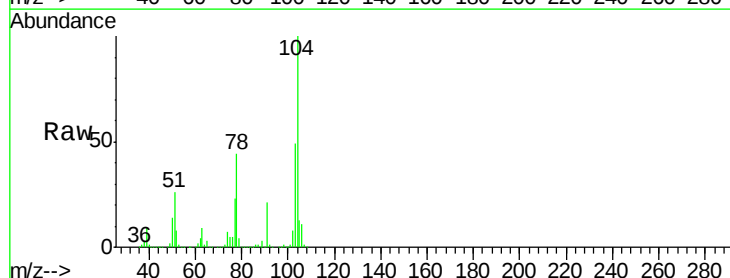
Instrument :
MSVOA_X
ClientSampleId :

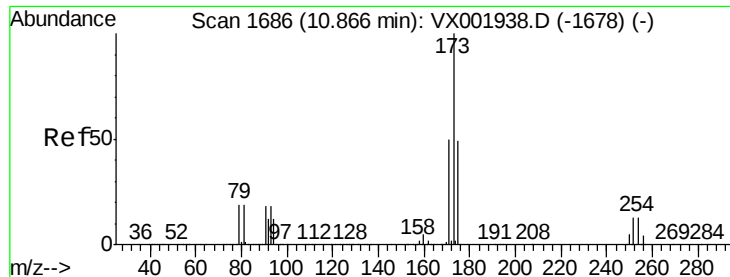
Tot Ion:106 Resp: 271948
Ion Ratio Lower Upper
106 100
91 218.8 108.7 325.9



#70
Styrene
Concen: 46.89 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion:104 Resp: 456799
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.6
103 55.5 44.6 67.0





#71

Bromoform

Concen: 35.89 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

ClientSampleId :

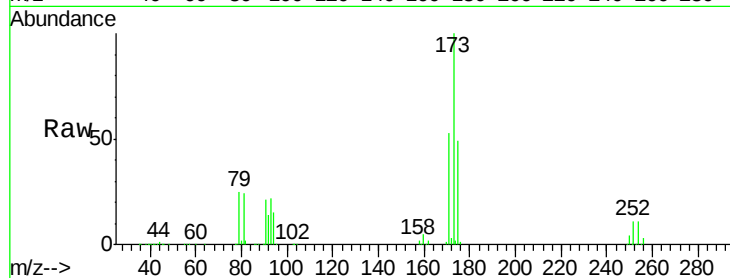
Tot Ion:173 Resp: 121701

Ion Ratio Lower Upper

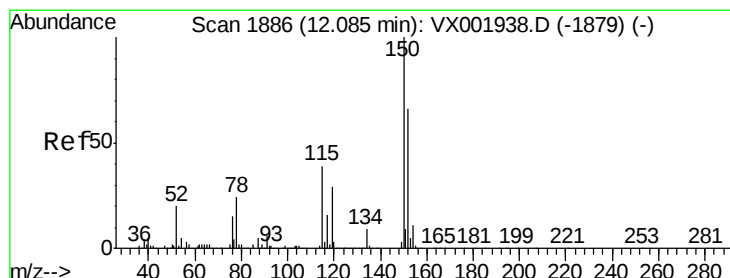
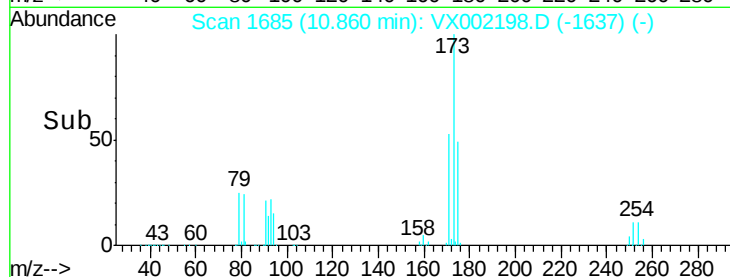
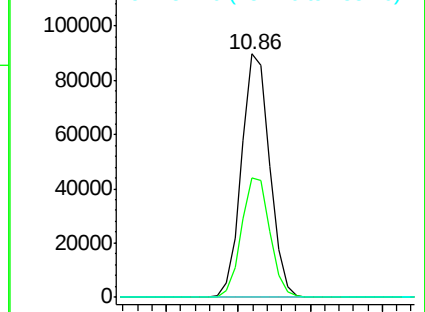
173 100

175 49.6 24.3 72.9

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

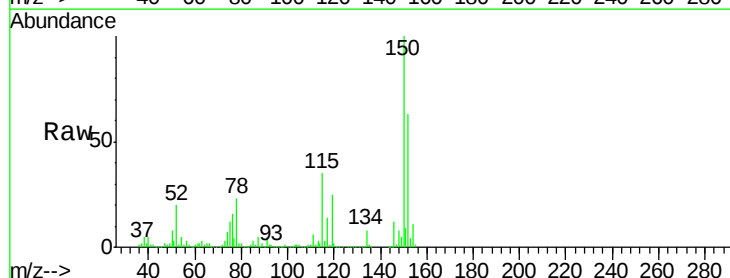
Tgt Ion:152 Resp: 191475

Ion Ratio Lower Upper

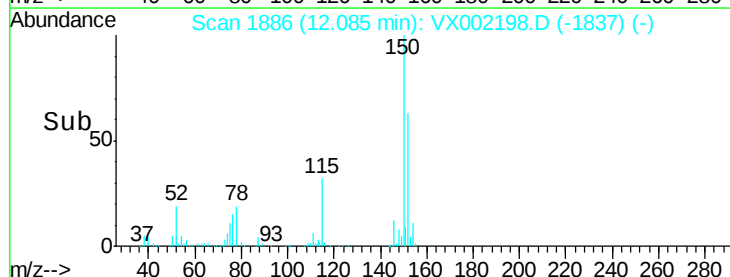
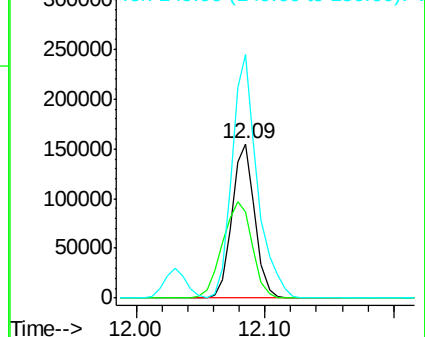
152 100

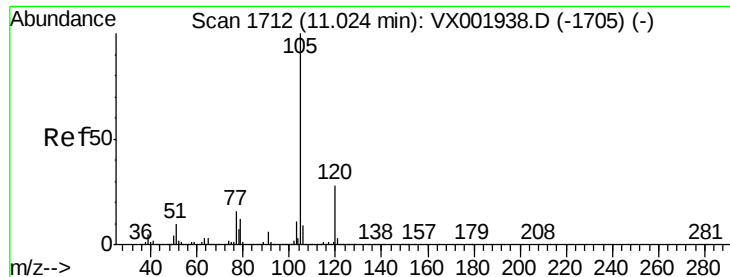
115 81.6 42.3 126.8

150 174.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.48 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

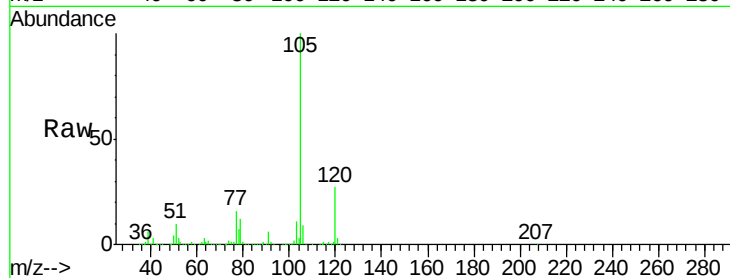
ClientSampleId :

Tot Ion:105 Resp: 721251

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

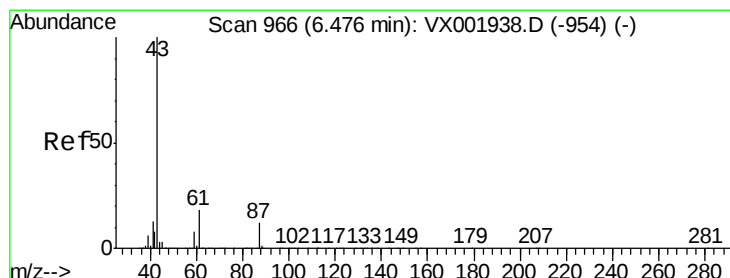
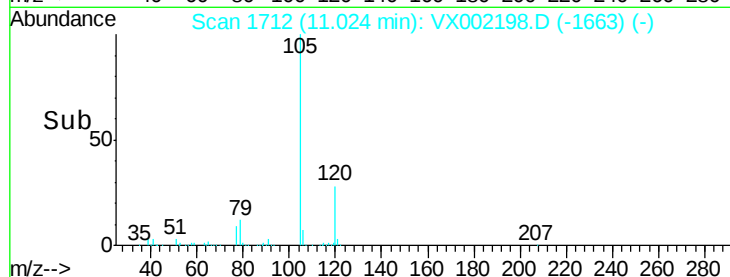
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 46.59 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Tgt Ion: 43 Resp: 393711

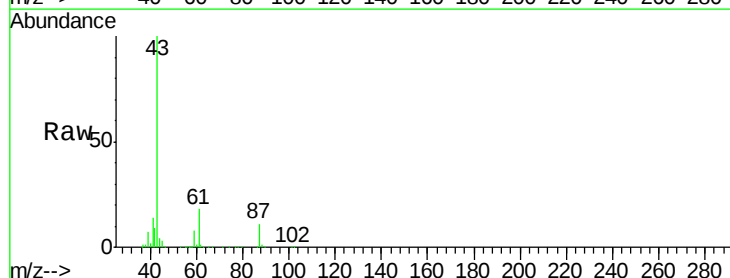
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 17.7 14.5 21.7



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

250000

200000

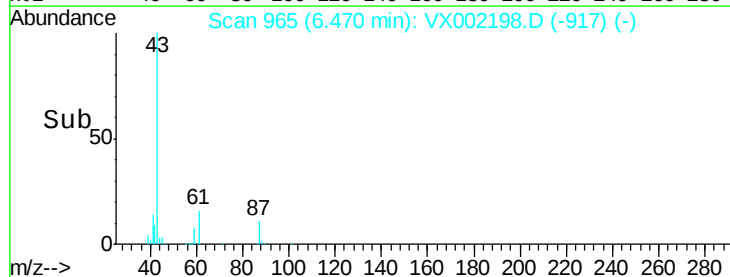
150000

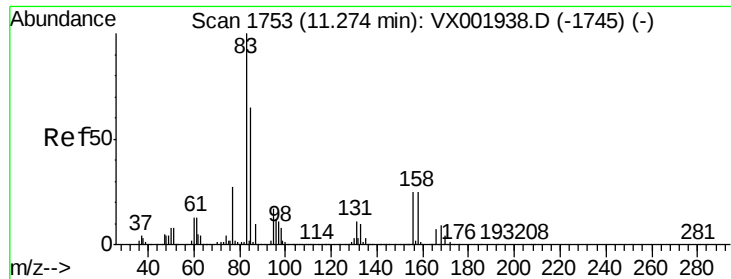
100000

50000

0

Time--> 6.30 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 51.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

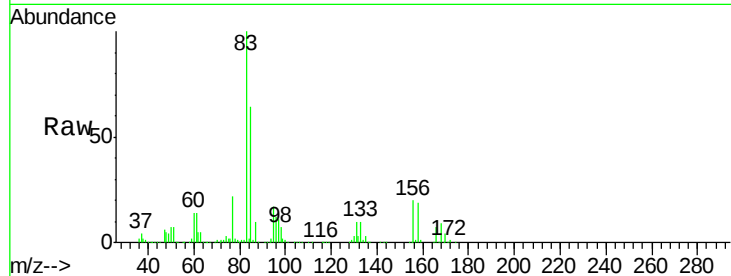
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 226413

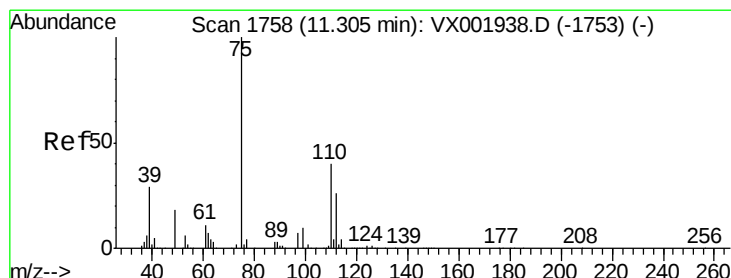
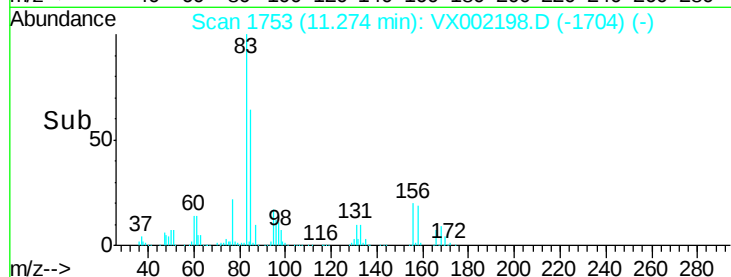
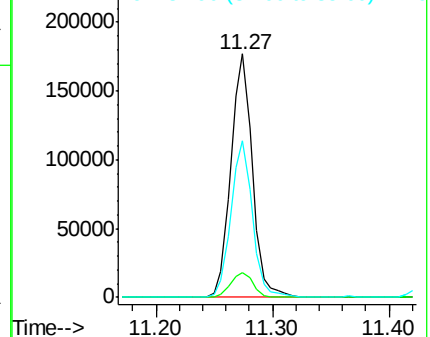
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.7	17.0
85	64.4	32.6	97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.29 ug/l

RT: 11.30 min Scan# 1757

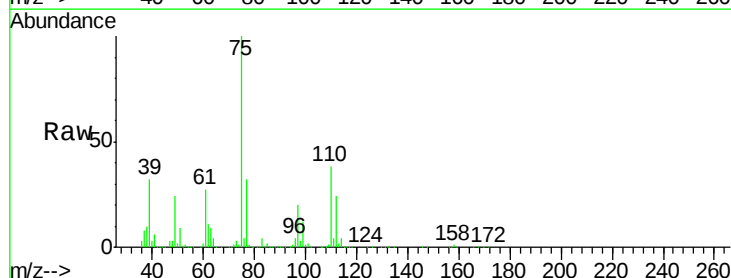
Delta R.T. -0.01 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

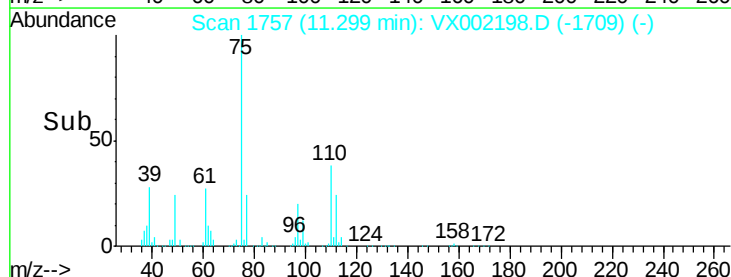
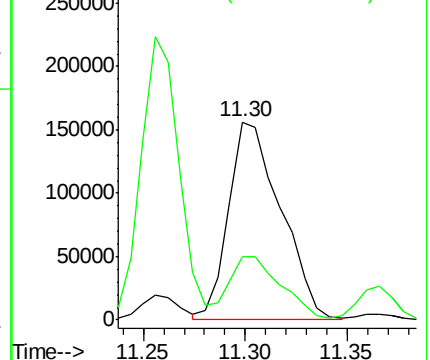
Tgt Ion: 75 Resp: 277262

Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

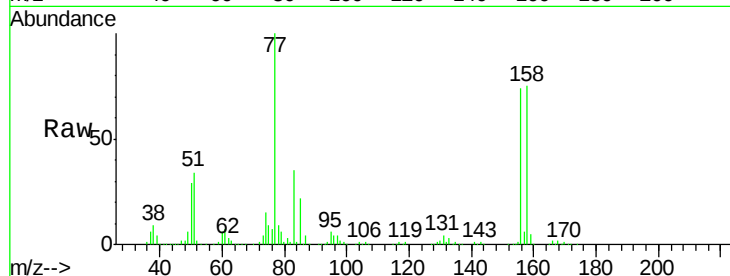




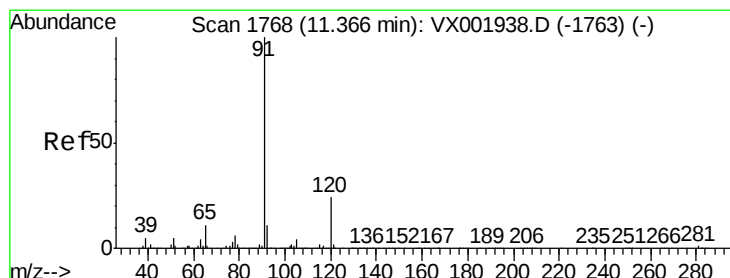
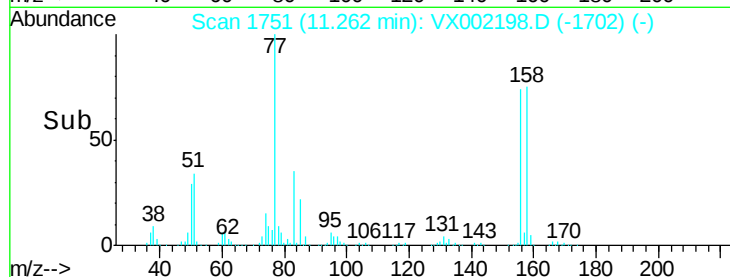
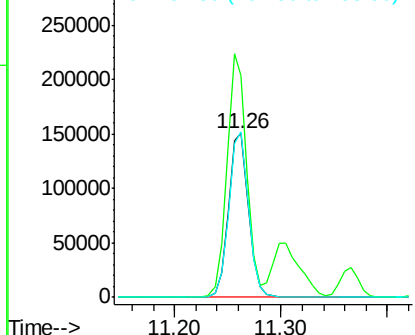
#77
Bromobenzene
Concen: 46.08 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:156 Resp: 198218
Ion Ratio Lower Upper
156 100
77 145.0 75.2 225.6
158 99.4 48.6 145.8

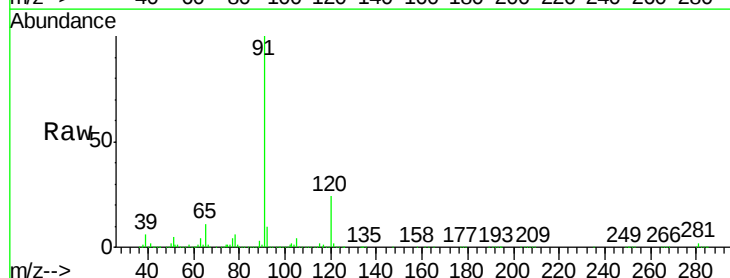


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

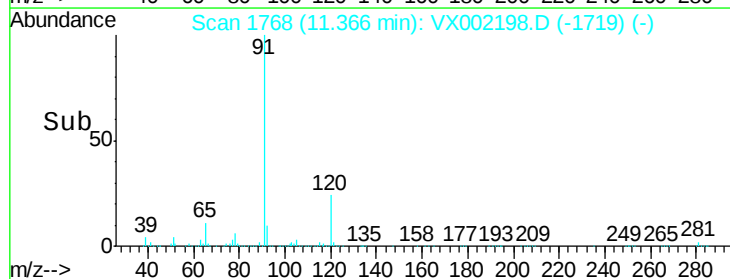
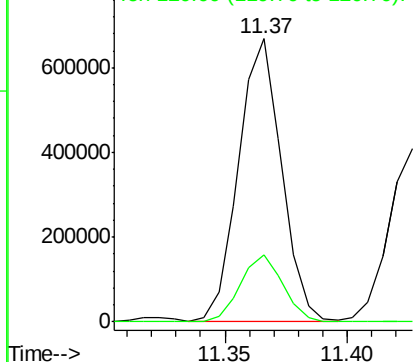


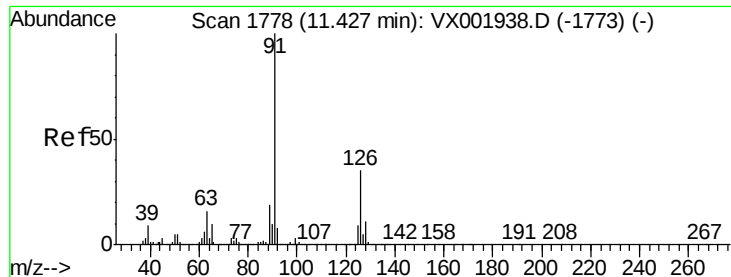
#78
n-propylbenzene
Concen: 44.53 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002198.D
Acq: 01 Jun 2018 01:42

Tgt Ion: 91 Resp: 808641
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.19 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

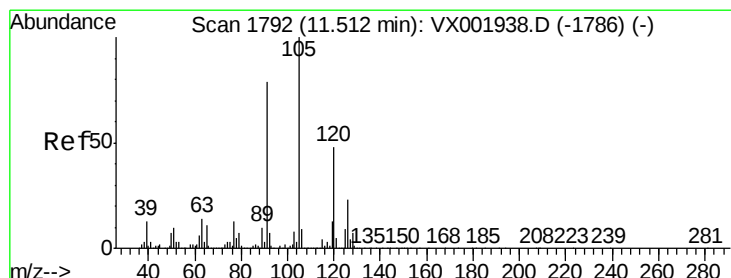
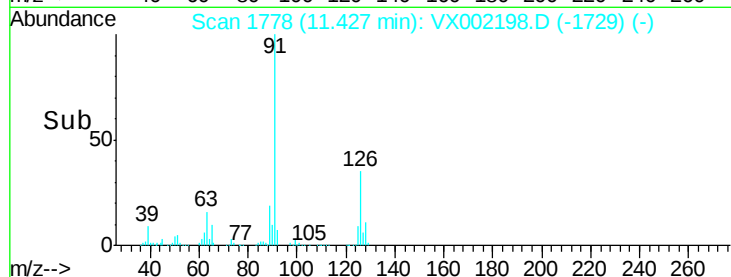
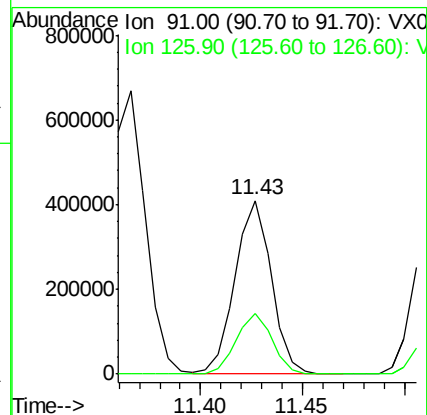
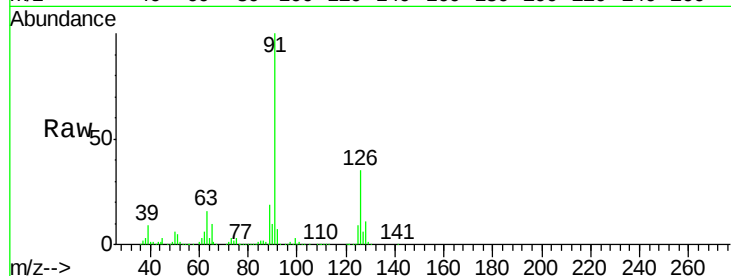
ClientSampleId :

Tot Ion: 91 Resp: 499947

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 44.89 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002198.D

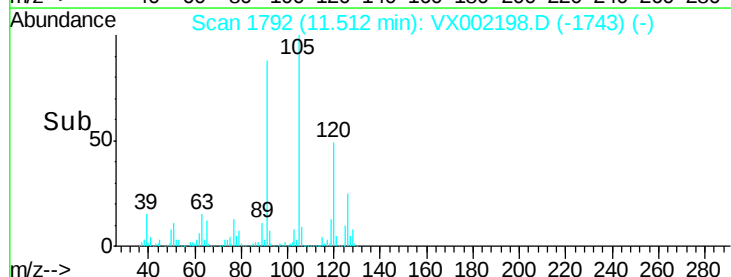
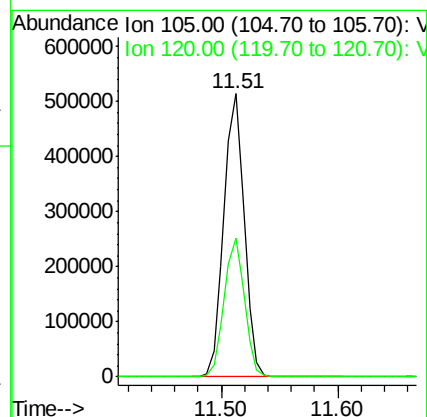
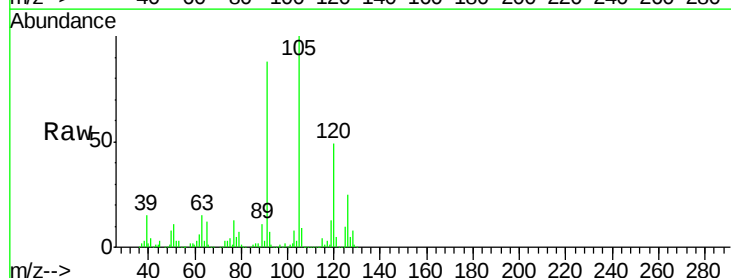
Acq: 01 Jun 2018 01:42

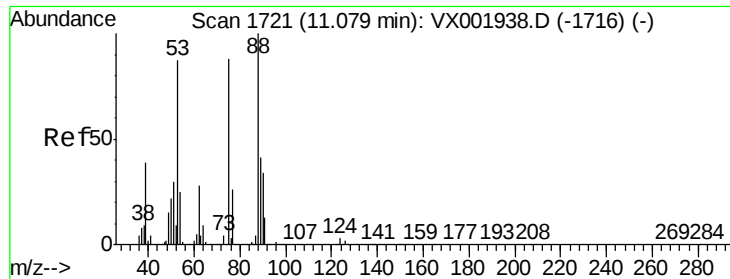
Tgt Ion: 105 Resp: 621980

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 33.04 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

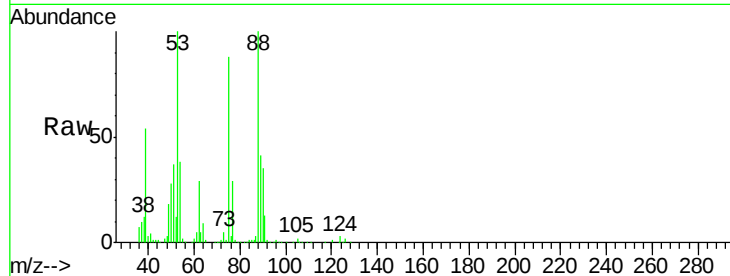
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 63225

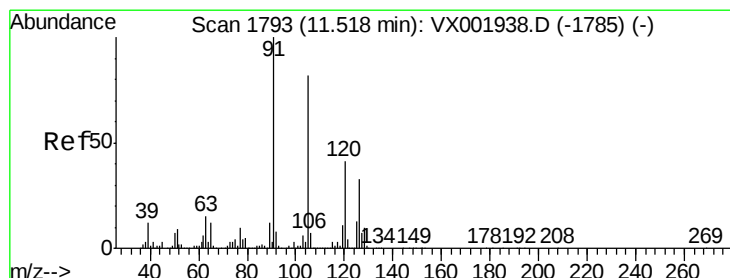
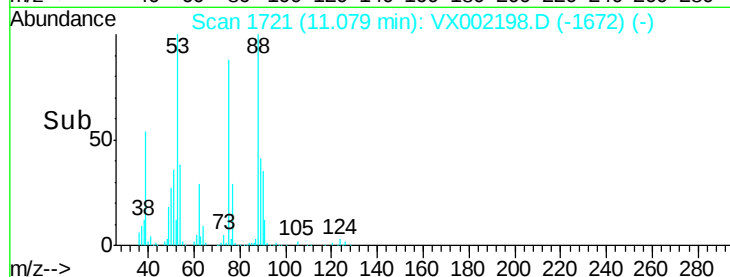
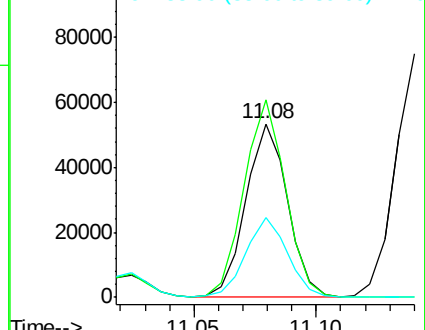
Ion	Ratio	Lower	Upper
75	100		
53	113.2	78.0	117.0
89	46.4	39.4	59.2



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: 45.93 ug/l

RT: 11.51 min Scan# 1792

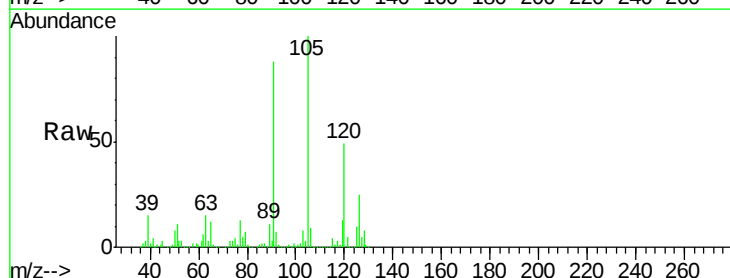
Delta R.T. -0.01 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

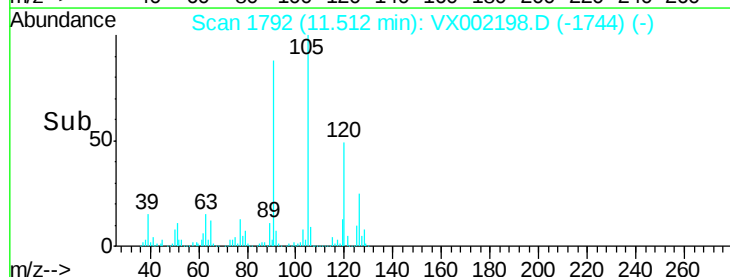
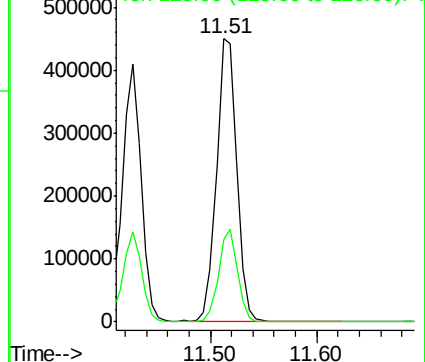
Tgt Ion: 91 Resp: 588294

Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.3	45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

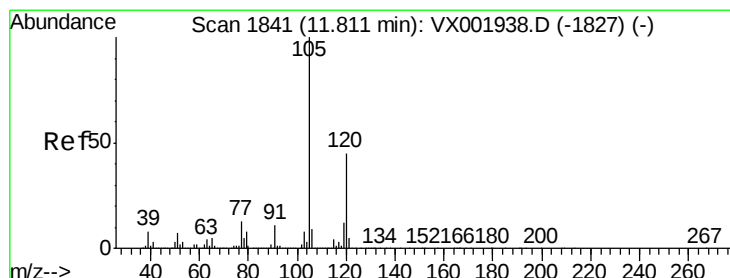
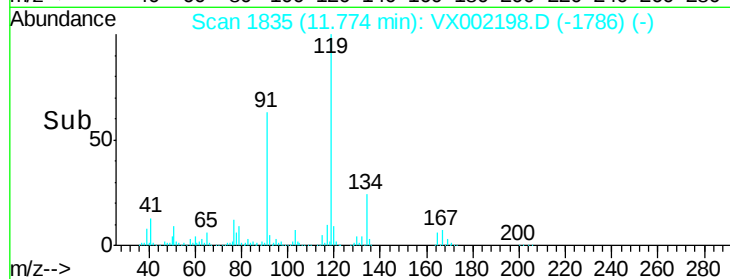
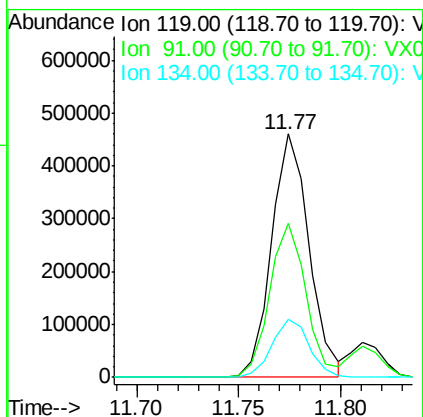
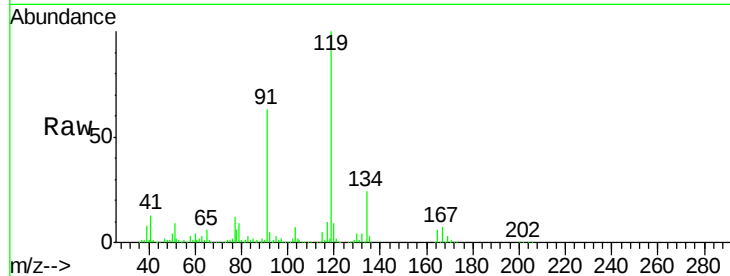




#83
 tert-Butylbenzene
 Concen: 43.50 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

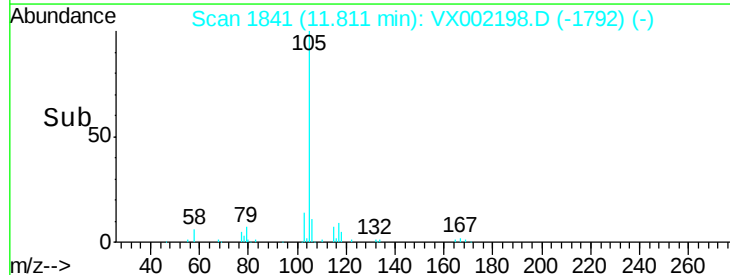
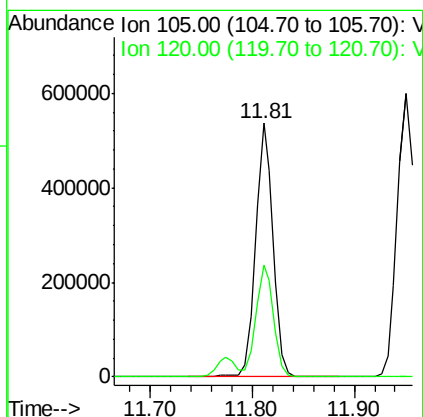
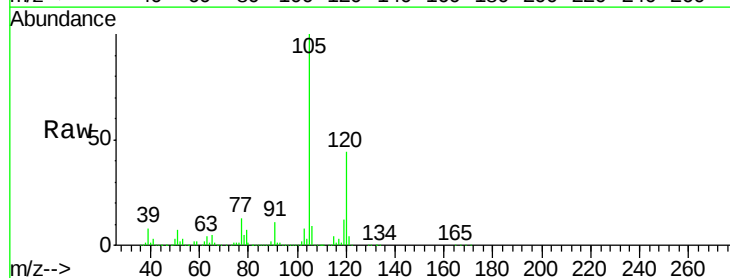
Instrument :
 MSVOA_X
 ClientSampleId :

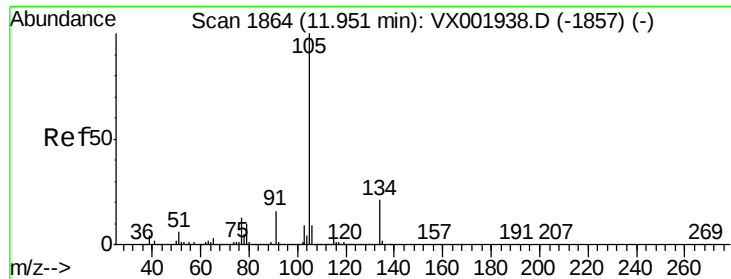
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.4	30.6	91.8
134	23.8	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 45.07 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.5





#85

sec-Butylbenzene

Concen: 44.15 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

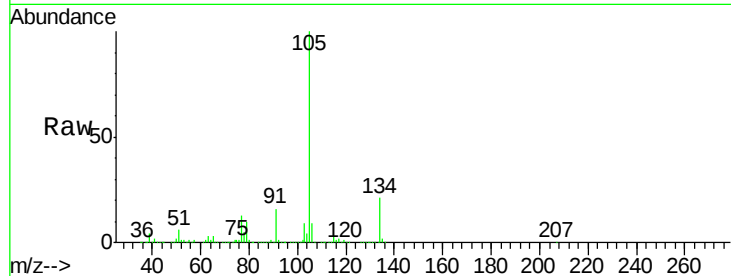
ClientSampleId :

Tot Ion:105 Resp: 721689

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

400000

200000

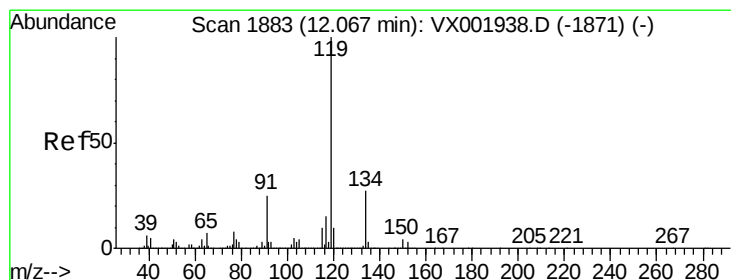
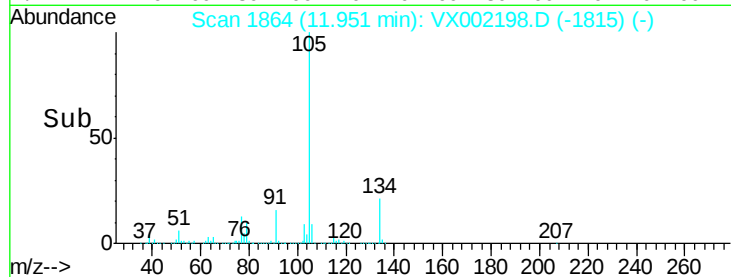
0

11.95

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 44.58 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

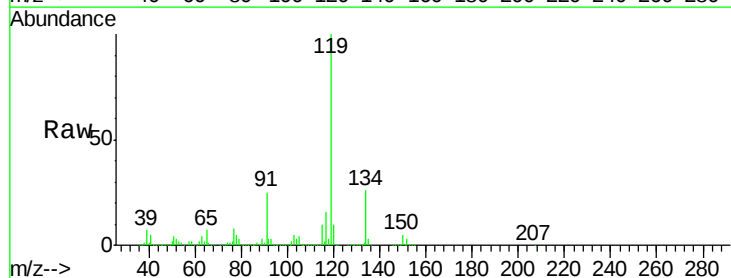
Tgt Ion:119 Resp: 652111

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 24.4 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

600000

400000

200000

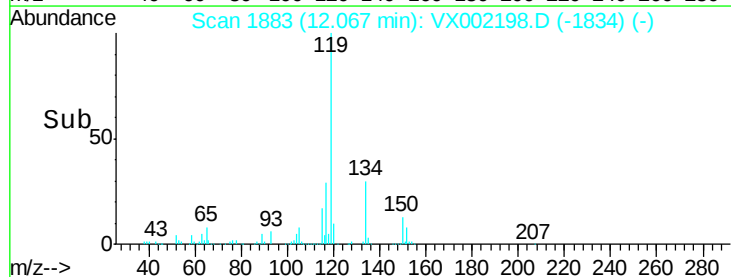
0

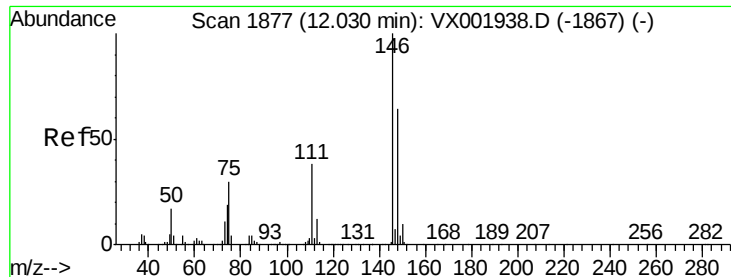
12.07

12.00

12.10

Time-->

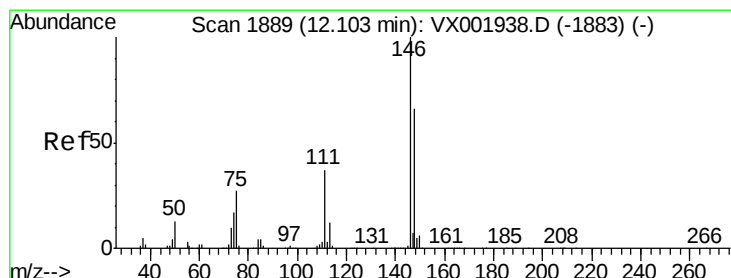
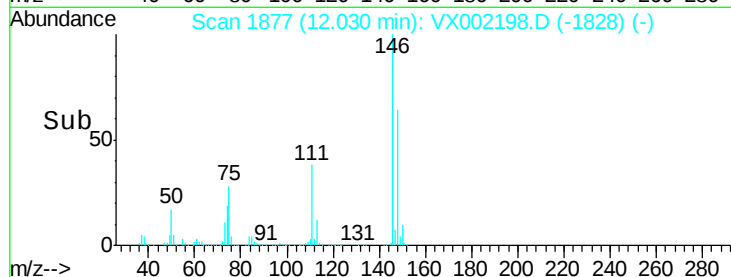
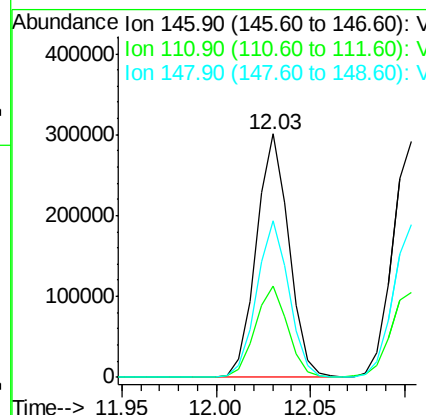
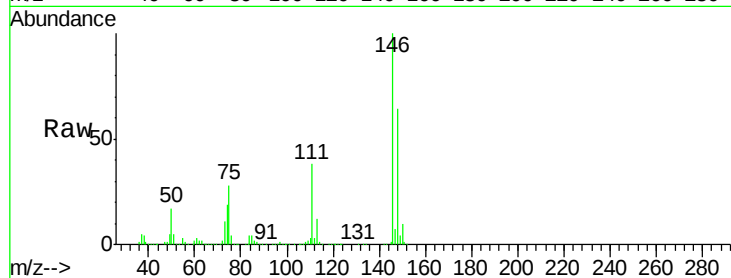




#87
 1,3-Dichlorobenzene
 Concen: 46.56 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

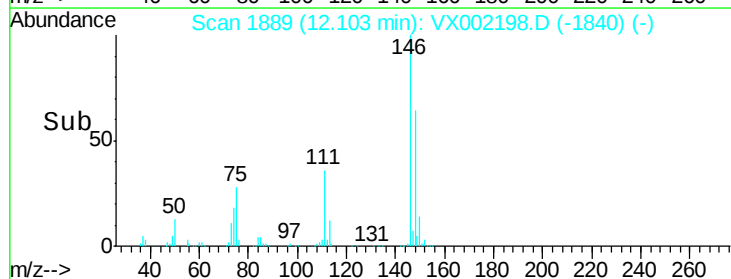
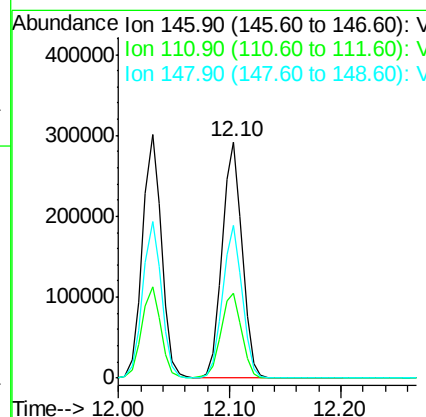
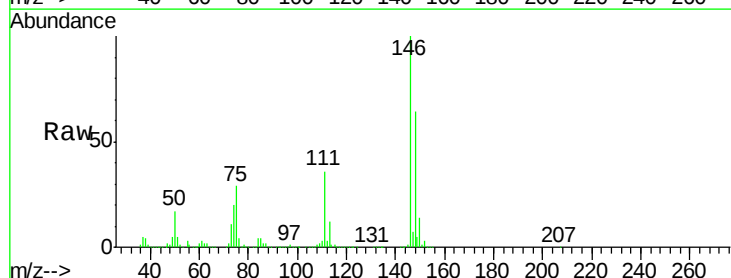
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.8
148	63.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.94 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.5
148	63.7	32.3	96.8





#89

n-Butylbenzene

Concen: 44.16 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

ClientSampled :

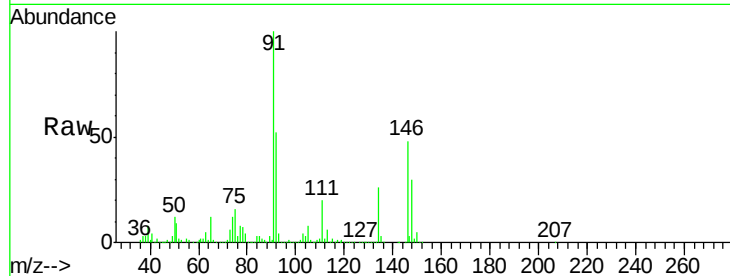
Tot Ion: 91 Resp: 547356

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

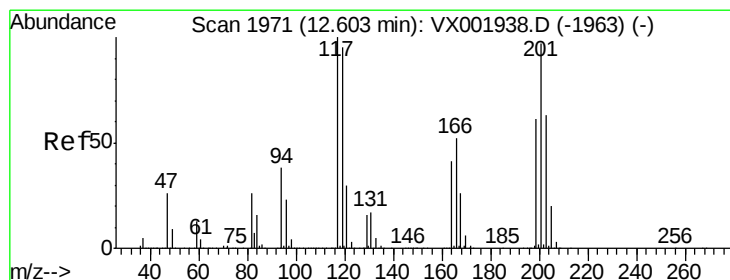
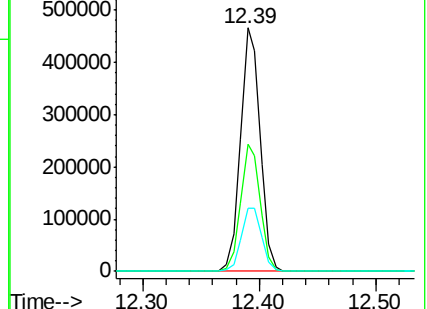
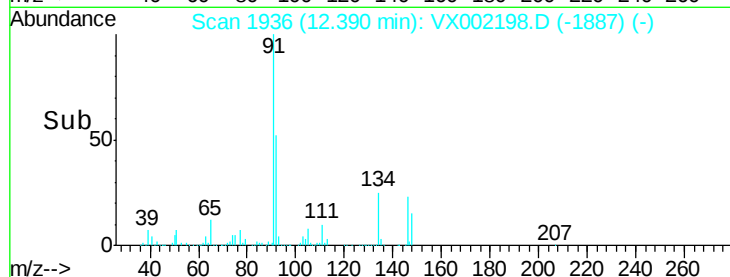
134 27.0 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)

Ion 92.00 (91.70 to 92.70): VX001938.D (-1926) (-)

Ion 134.00 (133.70 to 134.70): VX001938.D (-1926) (-)



#90

Hexachloroethane

Concen: 34.46 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002198.D

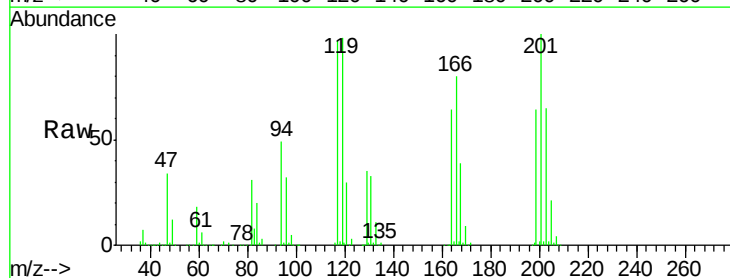
Acq: 01 Jun 2018 01:42

Tgt Ion: 117 Resp: 99430

Ion Ratio Lower Upper

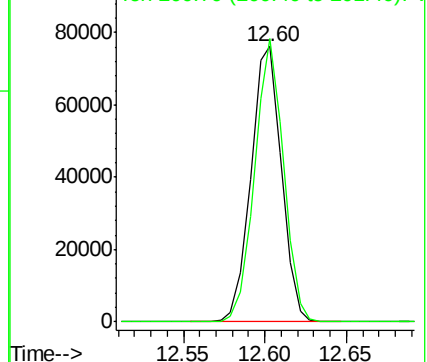
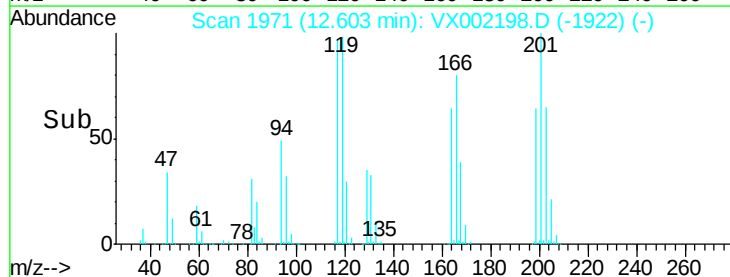
117 100

201 96.8 48.0 144.0



Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001938.D (-1963) (-)

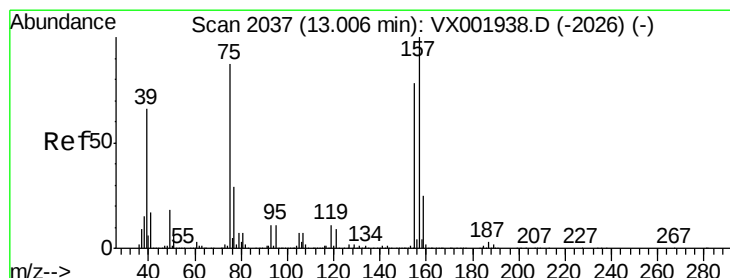
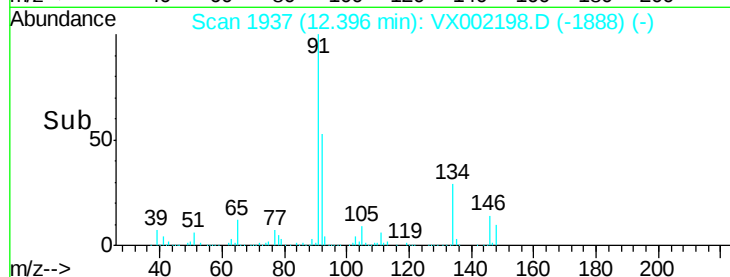
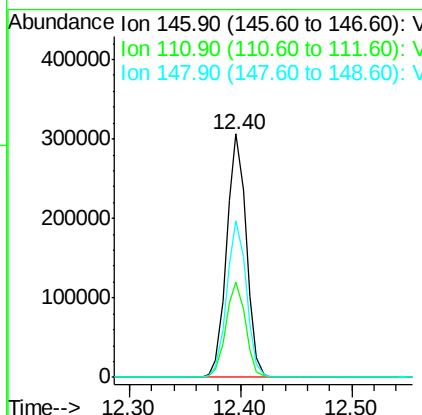
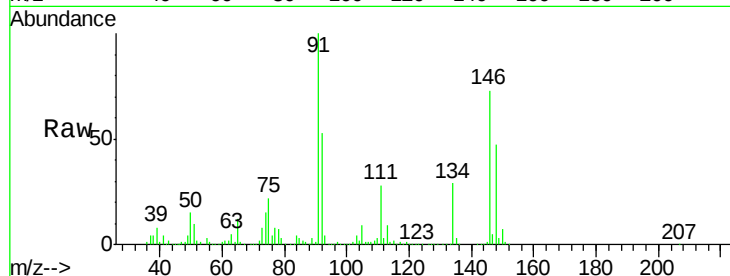




#91
 1,2-Dichlorobenzene
 Concen: 47.51 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

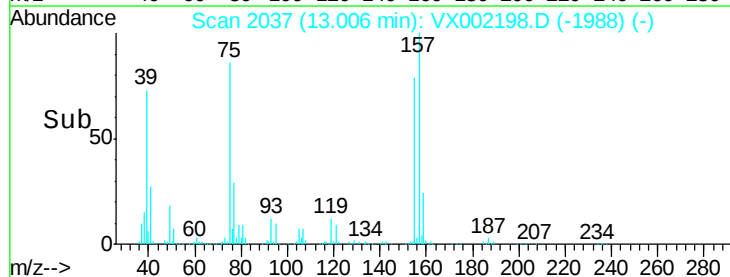
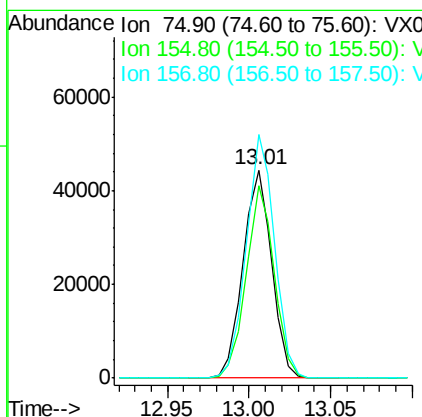
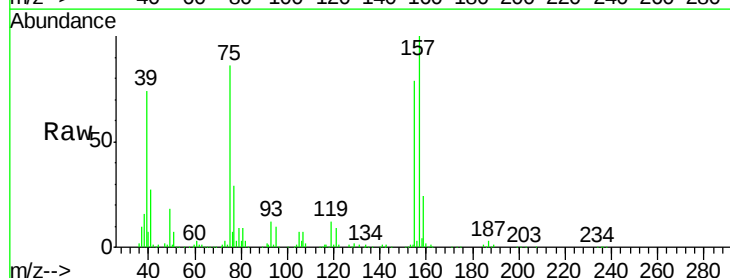
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.8	59.3
148	64.1	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 37.85 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	45.1	135.2
157	115.8	58.1	174.2

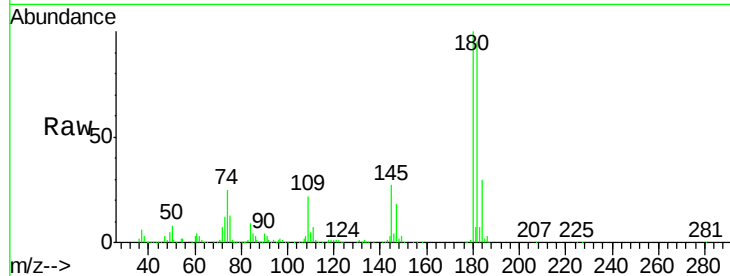




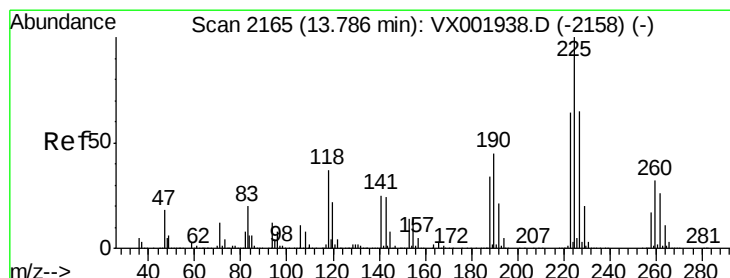
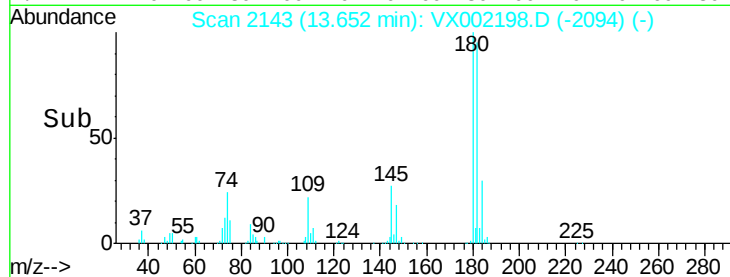
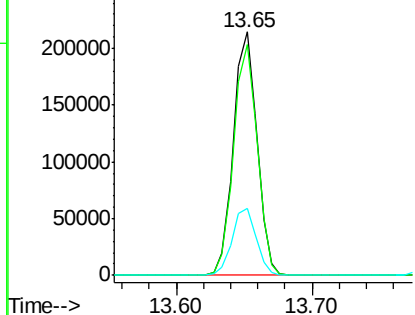
#93
 1,2,4-Trichlorobenzene
 Concen: 46.16 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.7	143.1
145	28.0	14.4	43.0

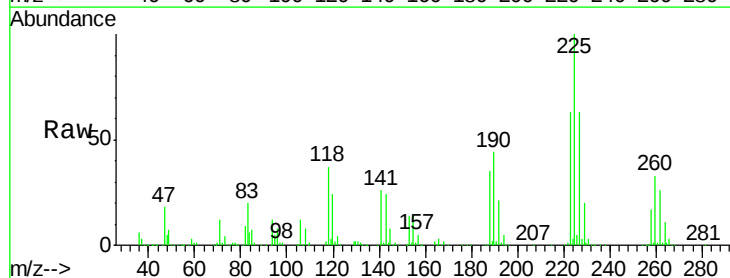


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

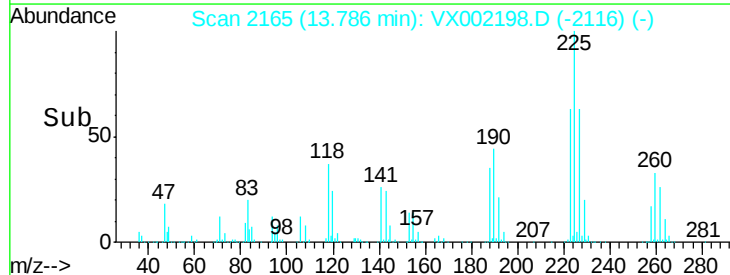
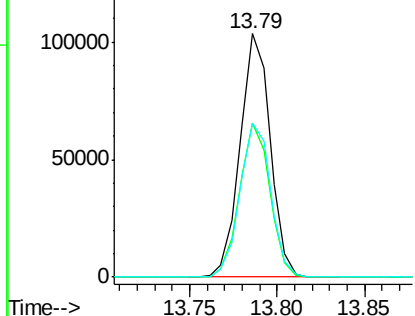


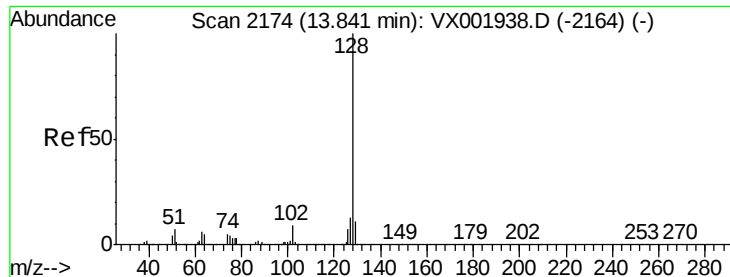
#94
 Hexachlorobutadiene
 Concen: 40.95 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002198.D
 Acq: 01 Jun 2018 01:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.5
227	64.7	32.1	96.5



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: 46.19 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

Instrument :

MSVOA_X

ClientSampleId :

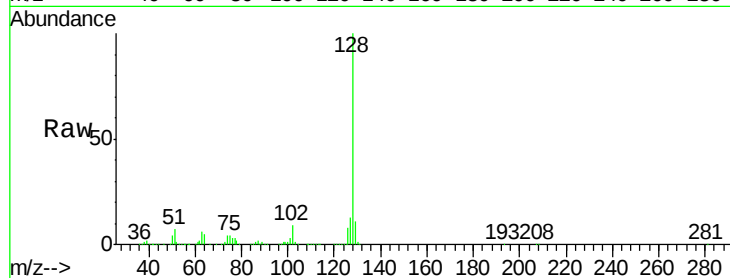
Tot Ion:128 Resp: 798805

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

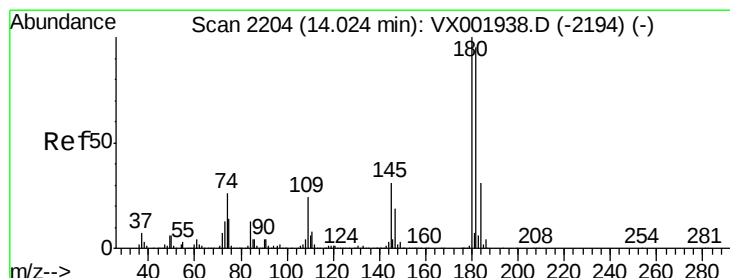
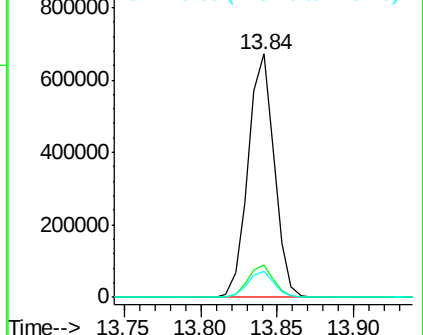
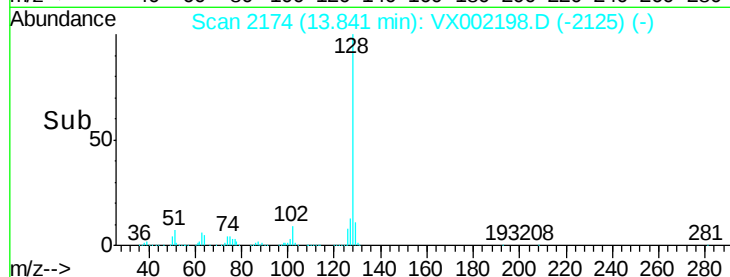
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.49 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002198.D

Acq: 01 Jun 2018 01:42

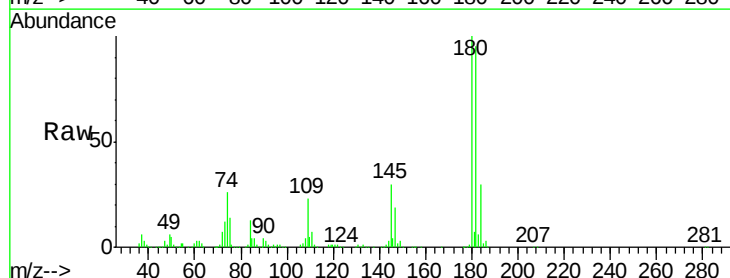
Tgt Ion:180 Resp: 269994

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 29.7 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

