

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002035.D
 Acq On : 26 May 2018 22:33
 Operator : JC/MD
 Sample : J3118-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:37:27 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	197402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	182557	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176437	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.51	113	135260	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
50) Toluene-d8	8.72	98	486585	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
62) 4-Bromofluorobenzene	11.14	95	190815	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	109849	44.23	ug/l	99
3) Chloromethane	1.32	50	149054	49.08	ug/l	99
4) Vinyl Chloride	1.41	62	144667	49.33	ug/l	100
5) Bromomethane	1.64	94	76635	56.90	ug/l	100
6) Chloroethane	1.71	64	95148	55.04	ug/l	98
7) Trichlorofluoromethane	1.93	101	225405	51.18	ug/l	99
8) Diethyl Ether	2.19	74	95863	59.99	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122203	49.73	ug/l	99
10) Methyl Iodide	2.51	142	160140	48.16	ug/l	100
11) Tert butyl alcohol	3.09	59	256672	370.57	ug/l	98
12) 1,1-Dichloroethene	2.37	96	119853	52.09	ug/l	98
13) Acrolein	2.30	56	61678	205.96	ug/l	95
14) Allyl chloride	2.73	41	267565	55.40	ug/l	99
15) Acrylonitrile	3.15	53	478523	335.97	ug/l	100
16) Acetone	2.45	43	467979	343.65	ug/l	100
17) Carbon Disulfide	2.57	76	302475	45.68	ug/l	100
18) Methyl Acetate	2.78	43	278115	85.59	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	552684	63.87	ug/l	99
20) Methylene Chloride	2.86	84	146068	62.36	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	127969	57.36	ug/l	99
22) Diisopropyl ether	3.88	45	513928	52.31	ug/l	100
23) Vinyl Acetate	3.83	43	1897959	233.01	ug/l	98
24) 1,1-Dichloroethane	3.70	63	255439	54.74	ug/l	99
25) 2-Butanone	4.71	43	726464	291.06	ug/l	100
26) 2,2-Dichloropropane	4.59	77	163583	34.63	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	170976	56.99	ug/l	93
28) Bromochloromethane	5.03	49	114783	58.90	ug/l	99
29) Tetrahydrofuran	5.17	42	471170	290.15	ug/l	100
30) Chloroform	5.22	83	265782	50.55	ug/l	100
31) Cyclohexane	5.58	56	208792	42.94	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	229690	46.86	ug/l	100
36) 1,1-Dichloropropene	5.81	75	173883	42.29	ug/l	98
37) Ethyl Acetate	4.87	43	264286	49.31	ug/l	100
38) Carbon Tetrachloride	5.79	117	201051	41.93	ug/l	96

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 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)
39) Methylcyclohexane	7.46	83	199262	39.45	ug/l	99
40) Benzene	6.15	78	571097	47.41	ug/l	99
41) Methacrylonitrile	5.07	41	156257	55.39	ug/l	98
42) 1,2-Dichloroethane	6.20	62	232086	48.24	ug/l	100
43) Isopropyl Acetate	6.47	43	448670	50.24	ug/l	99
44) Trichloroethene	7.22	130	174013	49.58	ug/l	98
45) 1,2-Dichloropropane	7.52	63	160485	49.06	ug/l	99
46) Dibromomethane	7.67	93	106786	49.31	ug/l	99
47) Bromodichloromethane	7.90	83	212789	46.08	ug/l	100
48) Methyl methacrylate	7.78	41	233593	51.39	ug/l	99
49) 1,4-Dioxane	7.76	88	99209	1238.53	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1473383	273.67	ug/l	100
52) Toluene	8.79	92	355683	46.40	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	238393	44.82	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	229007	44.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	157045	49.04	ug/l	100
56) Ethyl methacrylate	9.19	69	262520	47.66	ug/l	100
57) 1,3-Dichloropropane	9.38	76	260984	49.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1025	0.42	ug/l #	63
59) 2-Hexanone	9.50	43	1158280	279.01	ug/l	99
60) Dibromochloromethane	9.59	129	177893	46.90	ug/l	100
61) 1,2-Dibromoethane	9.68	107	166565	49.57	ug/l	99
64) Tetrachloroethene	9.34	164	185127	46.50	ug/l	99
65) Chlorobenzene	10.15	112	408215	46.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166186	46.78	ug/l	99
67) Ethyl Benzene	10.26	91	689683	45.12	ug/l	100
68) m/p-Xylenes	10.37	106	530150	90.73	ug/l	99
69) o-Xylene	10.70	106	272090	46.64	ug/l	100
70) Styrene	10.72	104	453457	46.86	ug/l	100
71) Bromoform	10.86	173	152322	45.22	ug/l #	99
73) Isopropylbenzene	11.02	105	695955	45.02	ug/l	100
74) N-amyl acetate	6.47	43	448670	56.35	ug/l #	99
75) 1,1,1,2,2-Tetrachloroethane	11.27	83	243165	57.71	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	307043	70.02	ug/l	80
77) Bromobenzene	11.26	156	196694	47.96	ug/l	97
78) n-propylbenzene	11.37	91	764620	44.16	ug/l	99
79) 2-Chlorotoluene	11.43	91	484499	51.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	591546	44.78	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	76424	41.89	ug/l	94
82) 4-Chlorotoluene	11.52	91	552514	45.24	ug/l	100
83) tert-Butylbenzene	11.77	119	573543	44.24	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	615656	45.09	ug/l	100
85) sec-Butylbenzene	11.95	105	673957	43.25	ug/l	100
86) p-Isopropyltoluene	12.07	119	600944	43.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	337357	45.93	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	334176	45.51	ug/l	100
89) n-Butylbenzene	12.39	91	482070	40.80	ug/l	100
90) Hexachloroethane	12.60	117	112458	40.88	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	360314	48.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	68553	49.88	ug/l	99

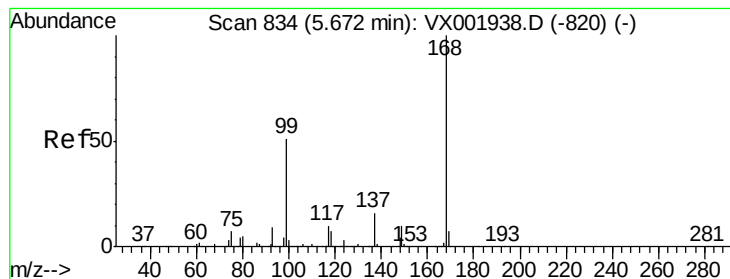
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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	236082	44.11	ug/l	100
94) Hexachlorobutadiene	13.79	225	103070	35.80	ug/l	98
95) Naphthalene	13.84	128	823961	49.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	255979	46.23	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

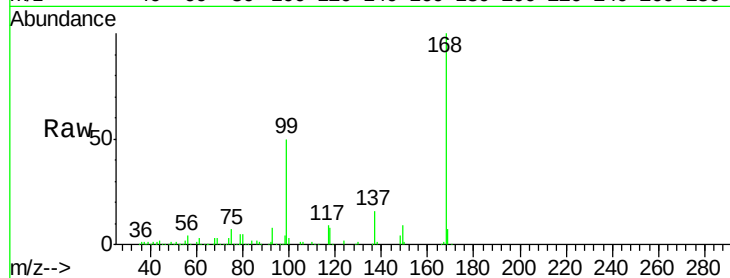
ClientSampleId :

Tot Ion:168 Resp: 197402

Ion Ratio Lower Upper

168 100

99 49.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

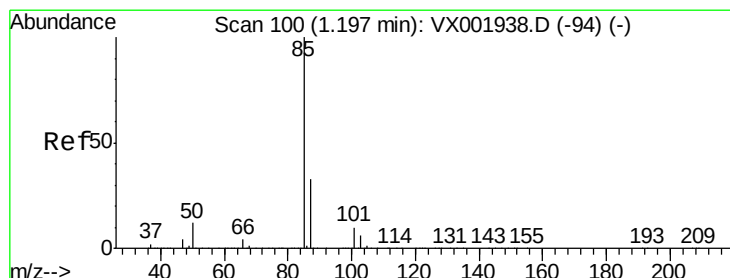
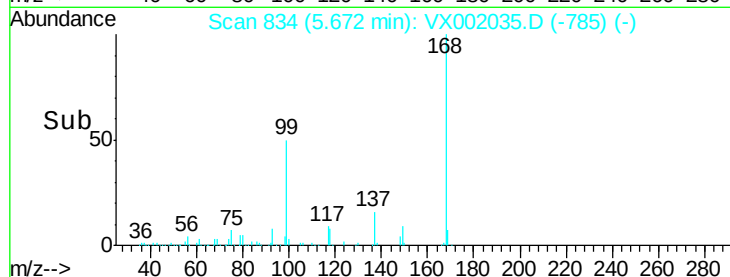
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002035.D

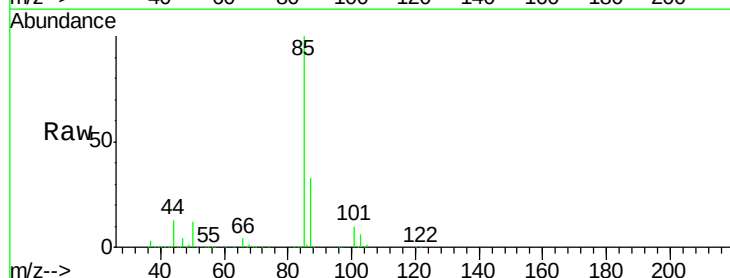
Acq: 26 May 2018 22:33

Tgt Ion: 85 Resp: 109849

Ion Ratio Lower Upper

85 100

87 32.7 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

40000

20000

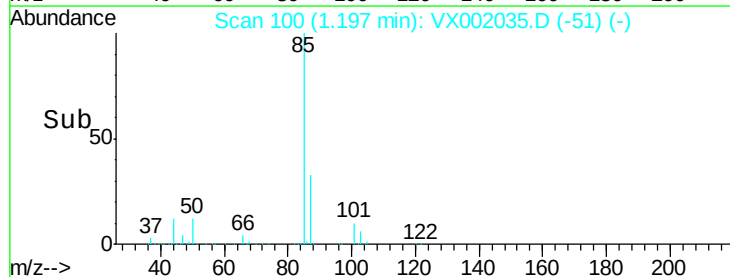
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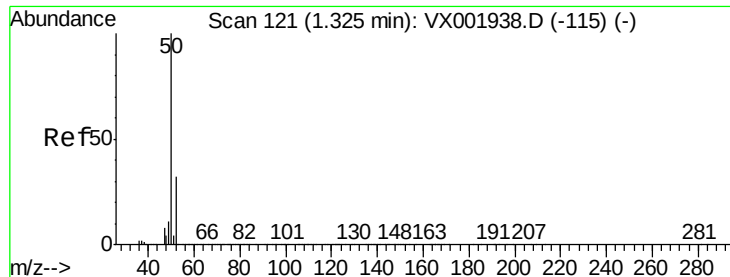
1.10

1.20

1.30

Time-->





#3

Chloromethane

Concen: 49.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

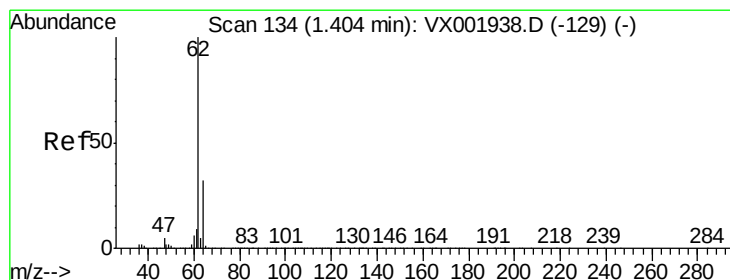
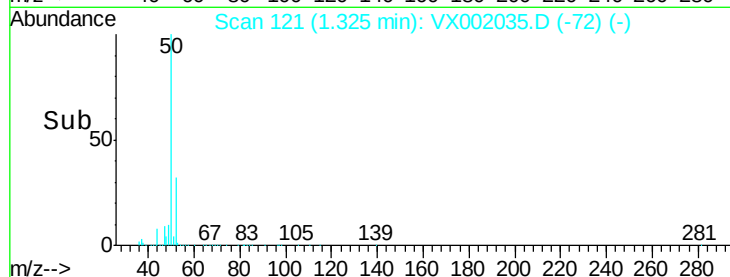
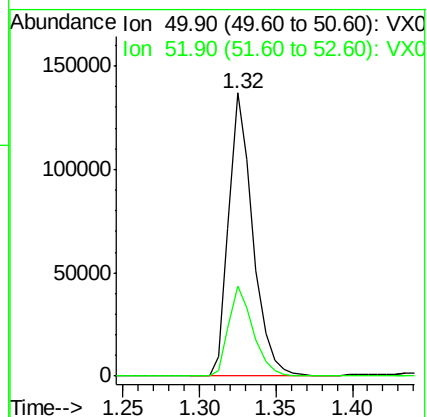
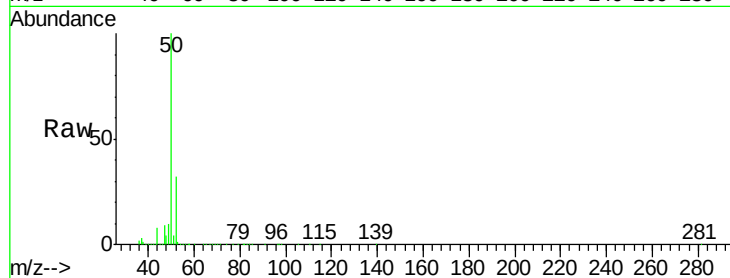
ClientSampled :

Tot Ion: 50 Resp: 149054

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 49.33 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002035.D

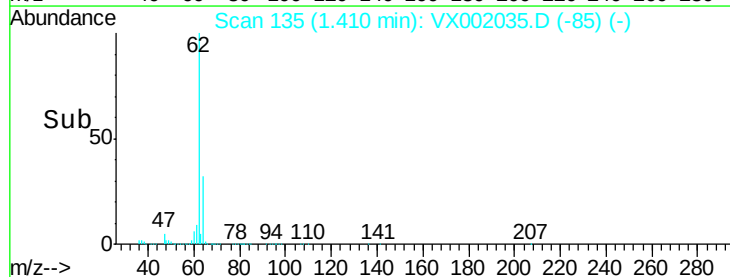
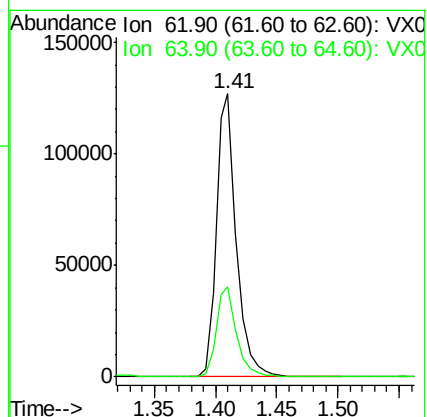
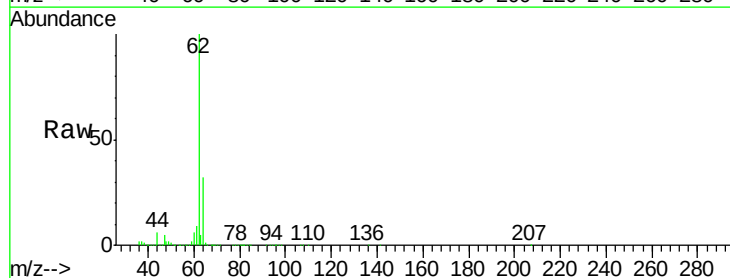
Acq: 26 May 2018 22:33

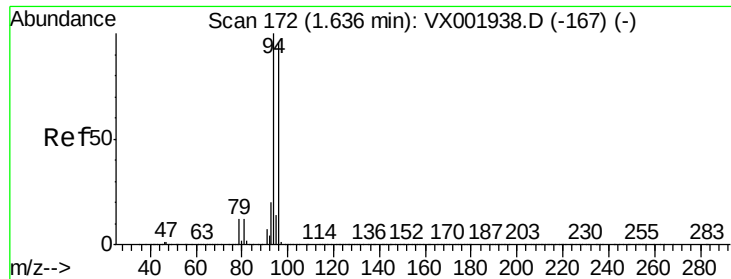
Tgt Ion: 62 Resp: 144667

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 56.90 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

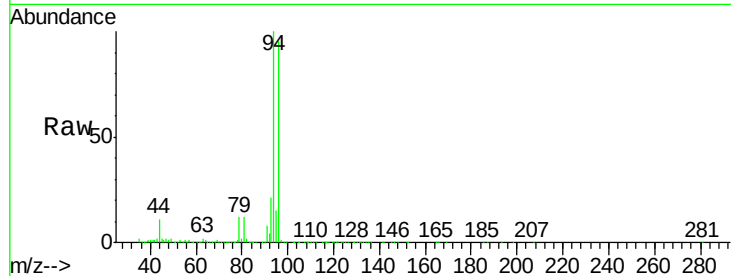
ClientSampled :

Tot Ion: 94 Resp: 76635

Ion Ratio Lower Upper

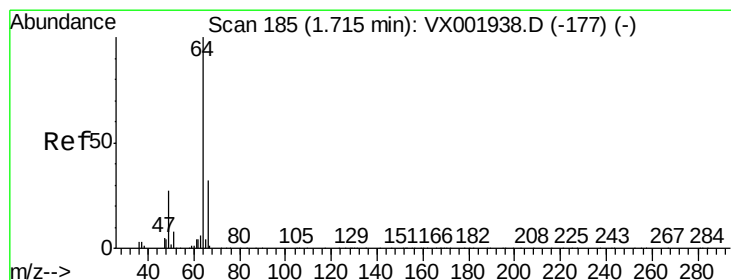
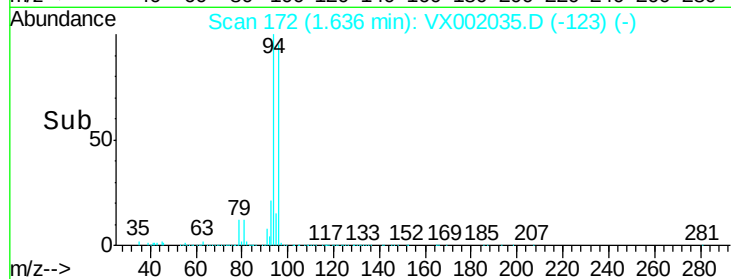
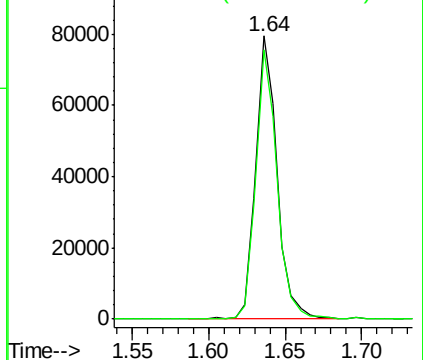
94 100

96 94.9 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: 55.04 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX002035.D

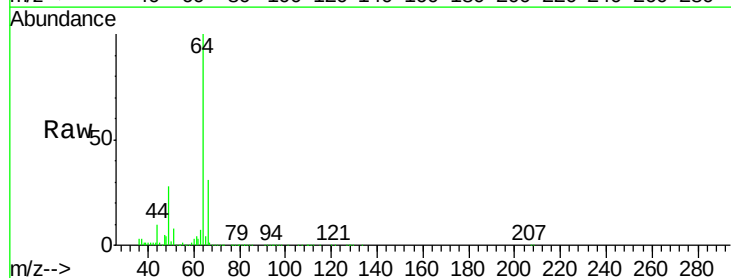
Acq: 26 May 2018 22:33

Tgt Ion: 64 Resp: 95148

Ion Ratio Lower Upper

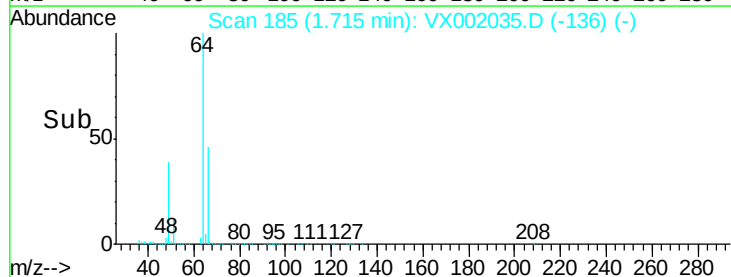
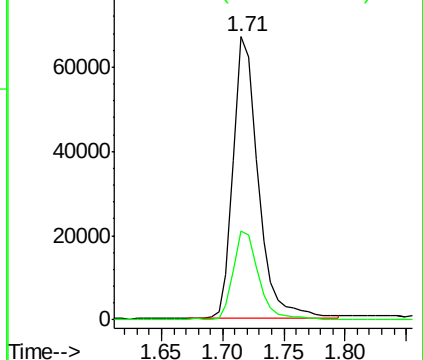
64 100

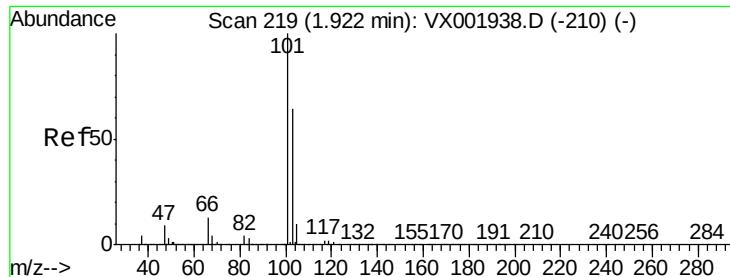
66 31.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



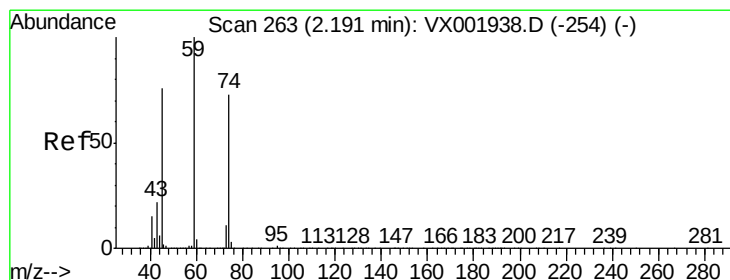
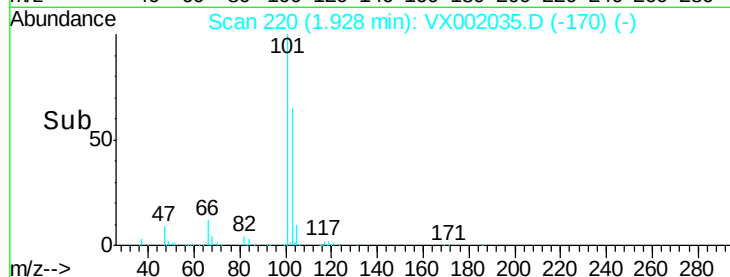
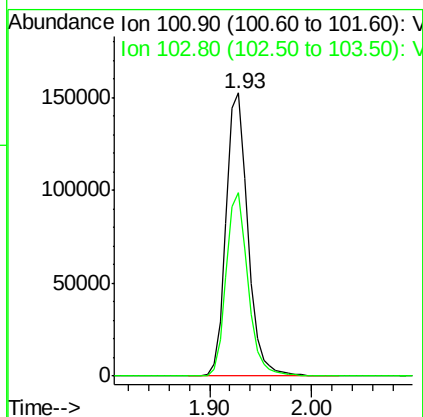
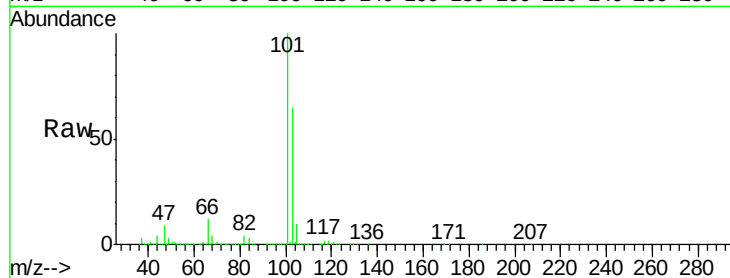


#7

Trichlorofluoromethane
Concen: 51.18 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :

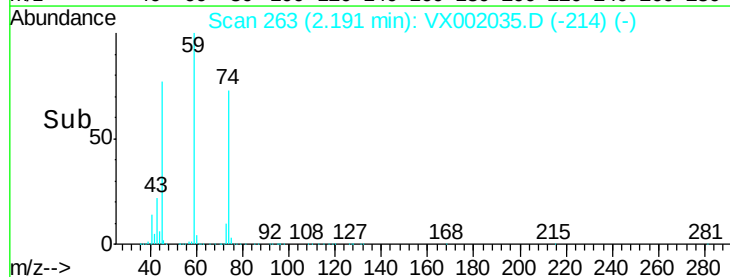
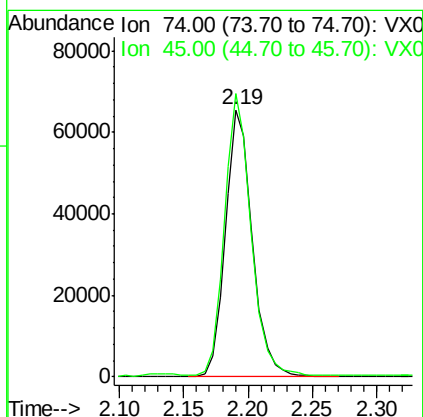
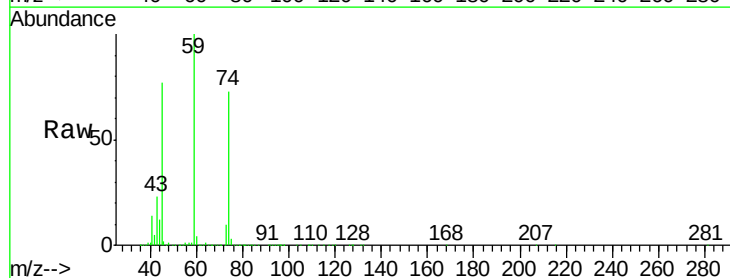
Tot Ion:101 Resp: 225405
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0

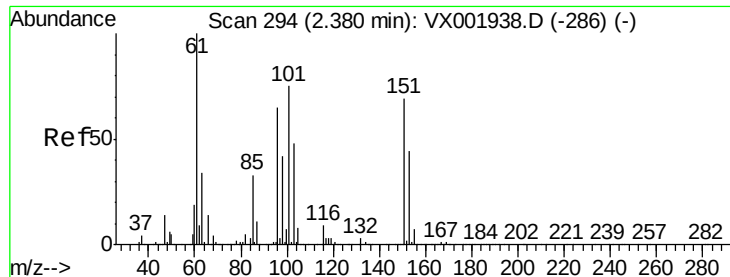


#8

Diethyl Ether
Concen: 59.99 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion: 74 Resp: 95863
Ion Ratio Lower Upper
74 100
45 104.4 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.73 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

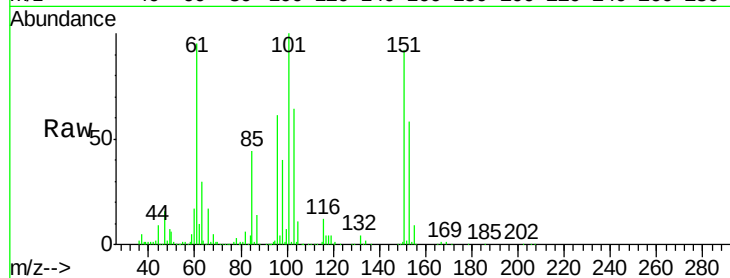
Tot Ion:101 Resp: 122203

Ion Ratio Lower Upper

101 100

85 45.4 35.6 53.4

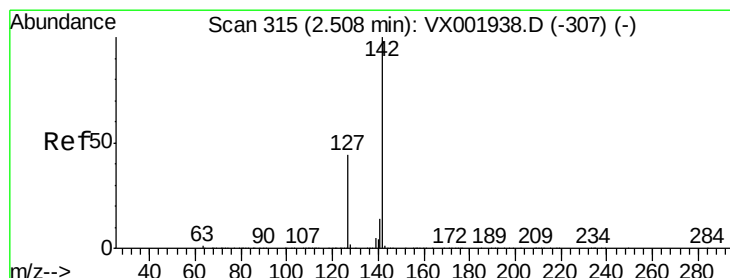
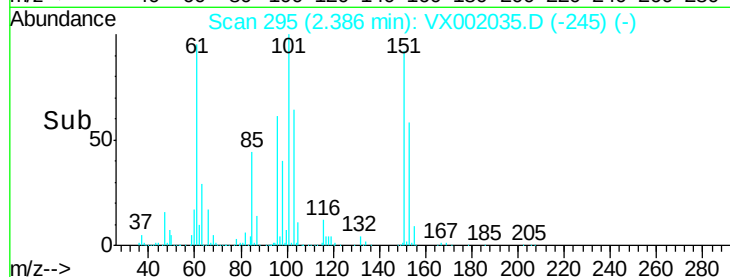
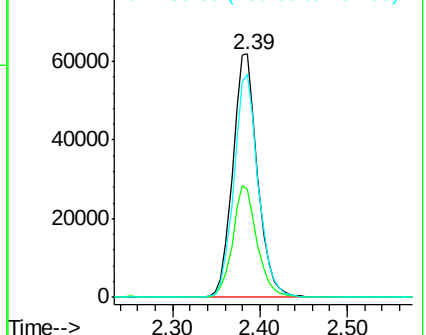
151 90.1 73.2 109.8



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: 48.16 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

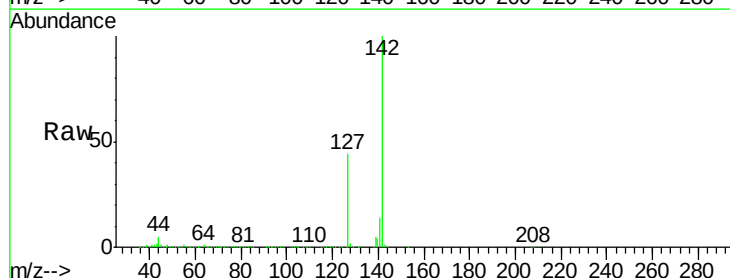
Tgt Ion:142 Resp: 160140

Ion Ratio Lower Upper

142 100

127 44.6 35.5 53.3

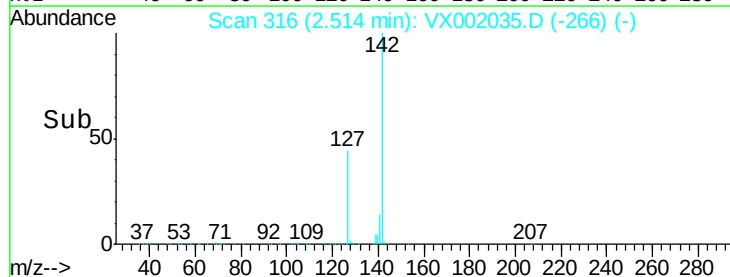
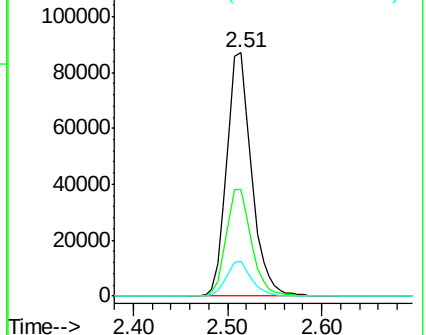
141 14.4 11.3 16.9

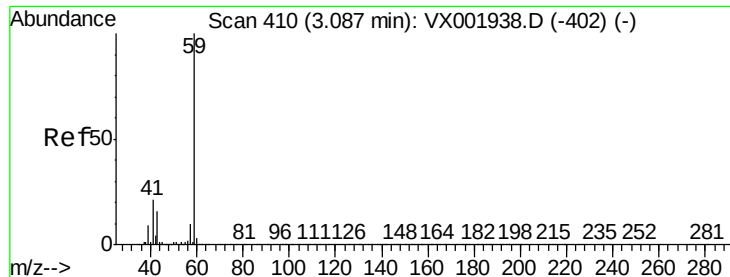


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



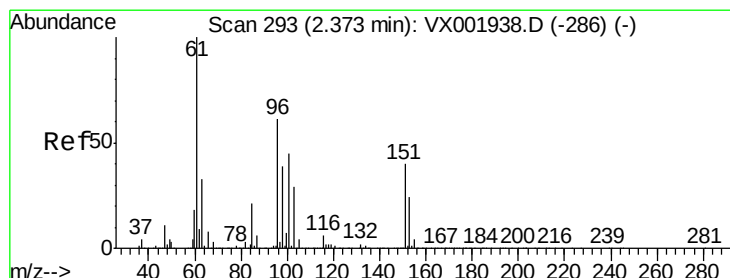
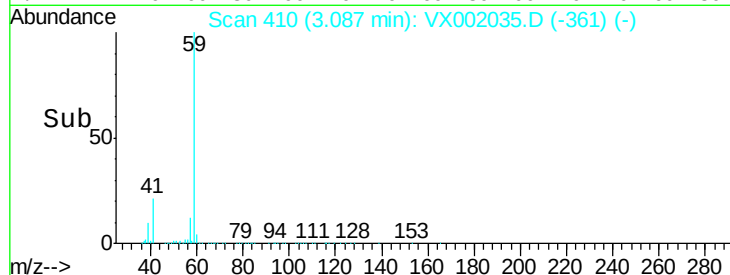
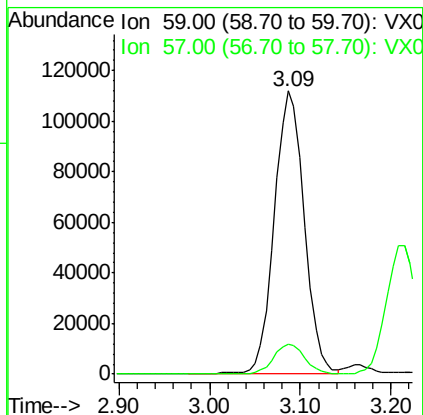
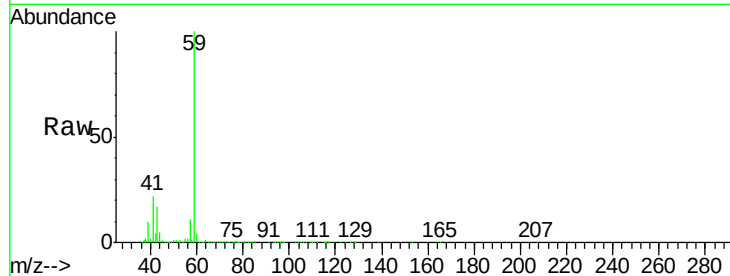


#11

Tert butyl alcohol
Concen: 370.57 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampled :

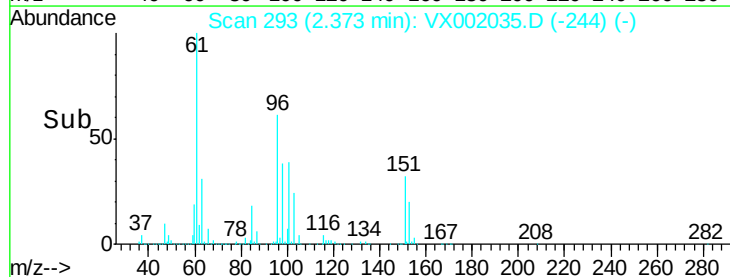
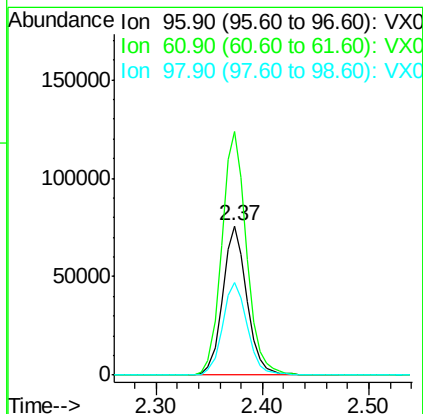
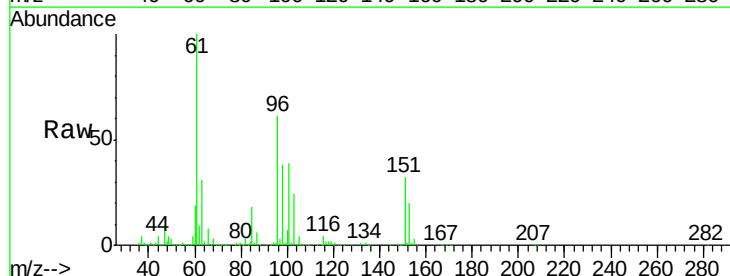
Tot Ion: 59 Resp: 256672
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

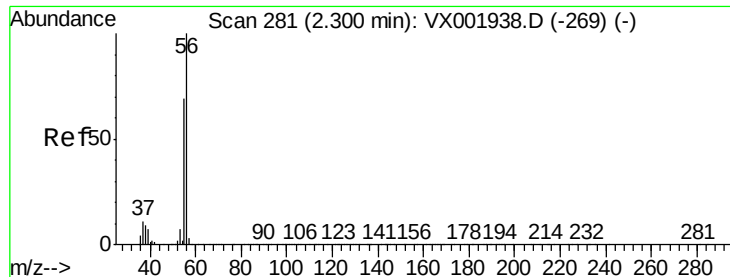


#12

1,1-Dichloroethene
Concen: 52.09 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion: 96 Resp: 119853
Ion Ratio Lower Upper
96 100
61 163.1 131.7 197.5
98 62.0 51.6 77.4





#13

Acrolein

Concen: 205.96 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

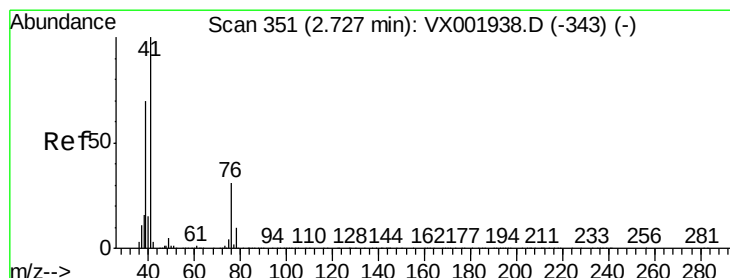
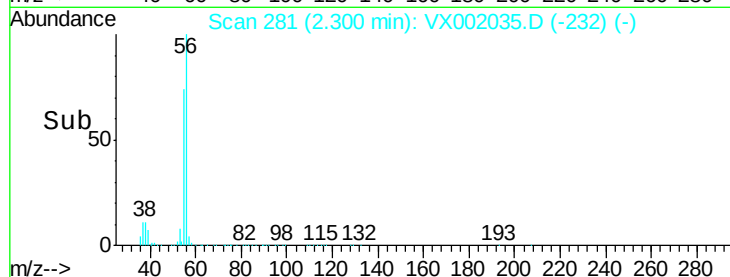
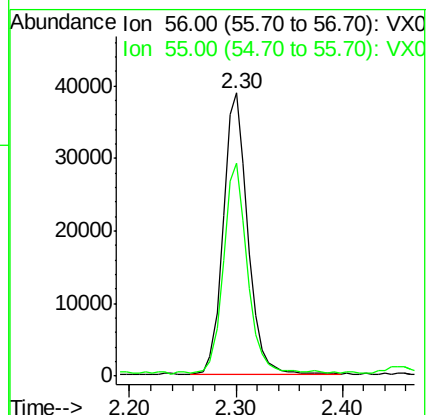
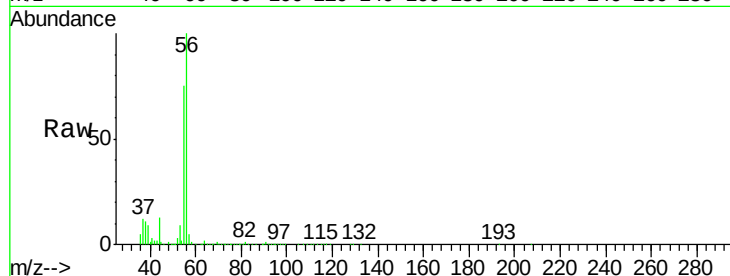
ClientSampleId :

Tot Ion: 56 Resp: 61678

Ion Ratio Lower Upper

56 100

55 74.9 56.8 85.2



#14

Allyl chloride

Concen: 55.40 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

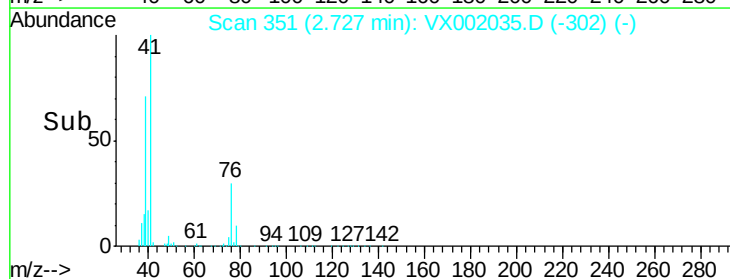
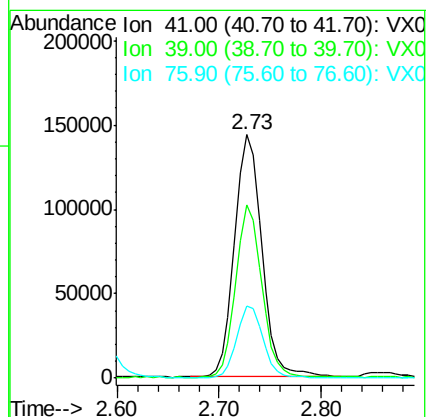
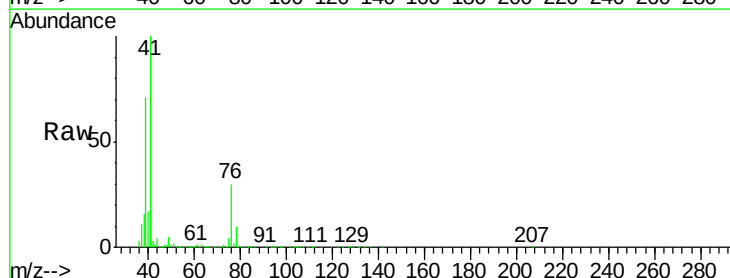
Tgt Ion: 41 Resp: 267565

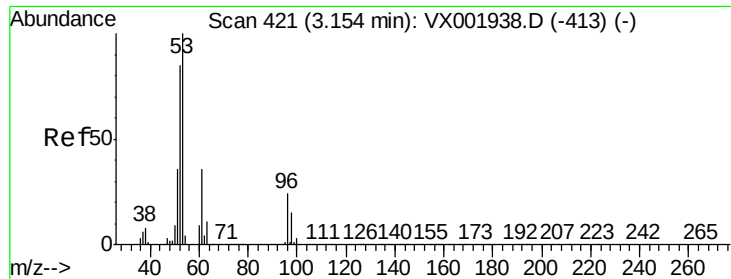
Ion Ratio Lower Upper

41 100

39 67.7 54.3 81.5

76 28.9 24.2 36.4





#15

Acrylonitrile

Concen: 335.97 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampled :

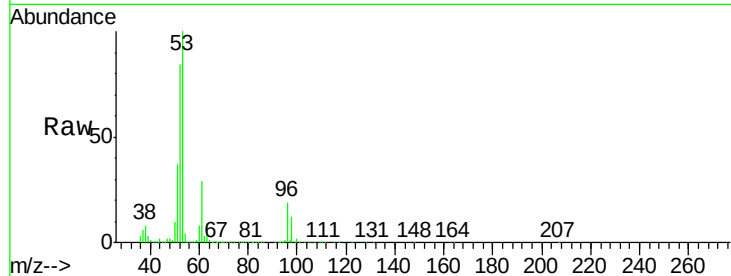
Tot Ion: 53 Resp: 478523

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

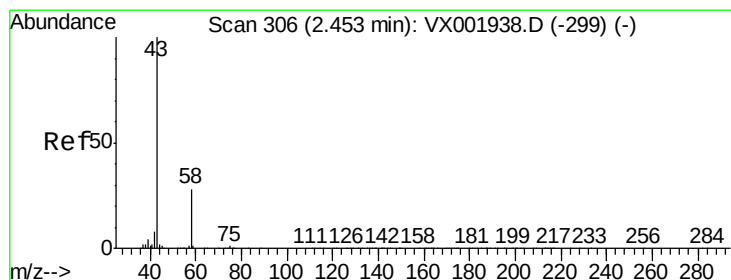
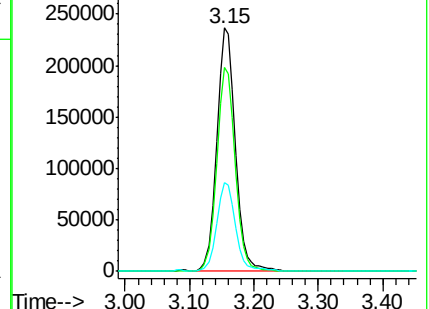
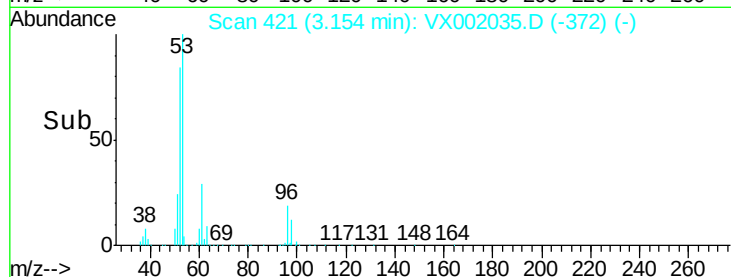
51 36.8 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 343.65 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002035.D

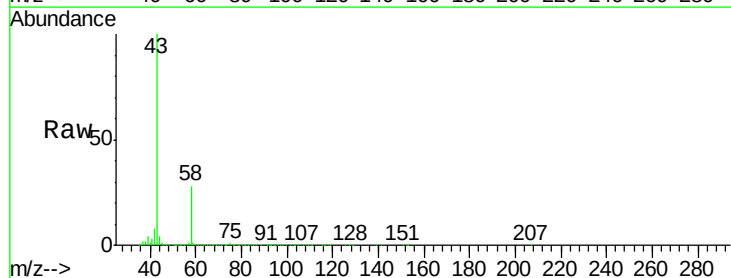
Acq: 26 May 2018 22:33

Tgt Ion: 43 Resp: 467979

Ion Ratio Lower Upper

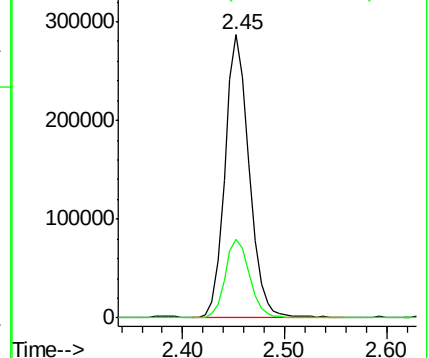
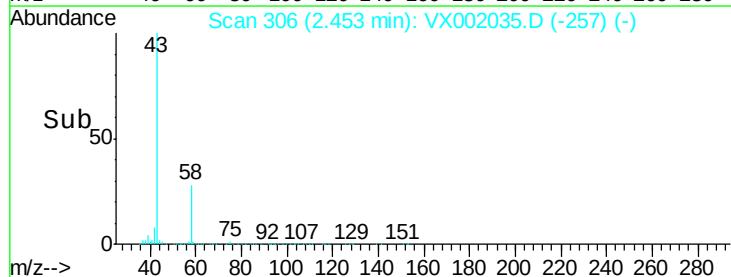
43 100

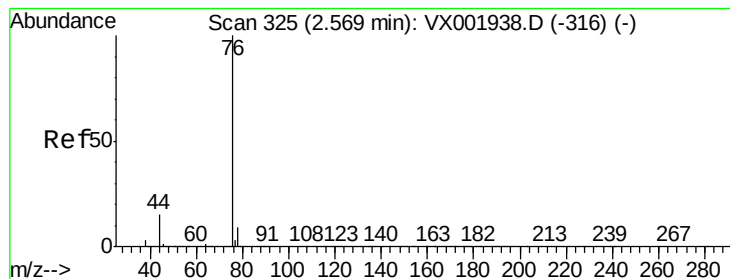
58 27.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.68 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

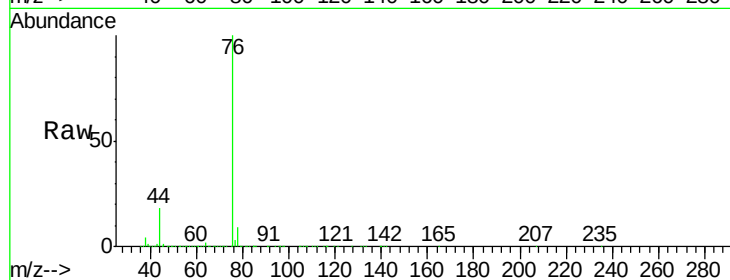
ClientSampleId :

Tot Ion: 76 Resp: 302475

Ion Ratio Lower Upper

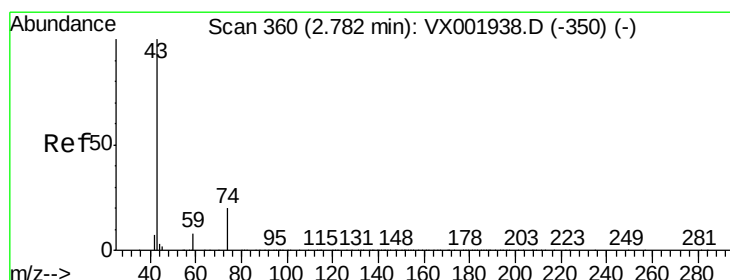
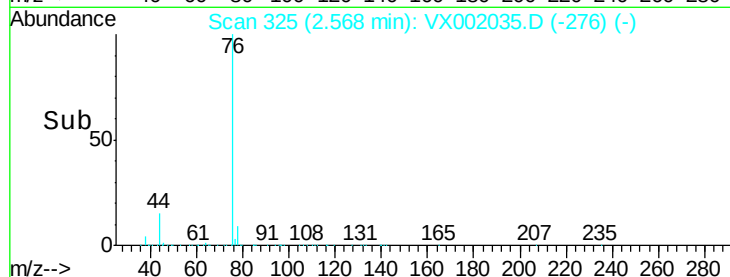
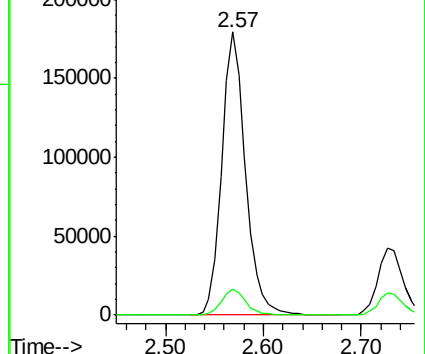
76 100

78 9.2 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: 85.59 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002035.D

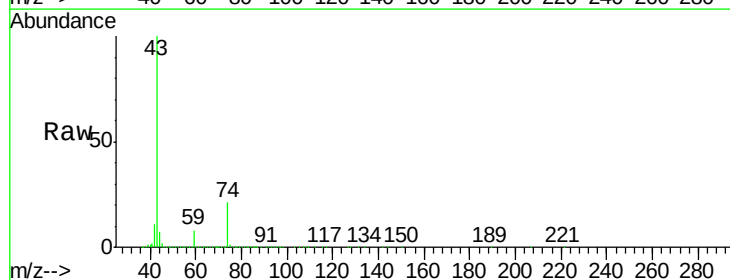
Acq: 26 May 2018 22:33

Tgt Ion: 43 Resp: 278115

Ion Ratio Lower Upper

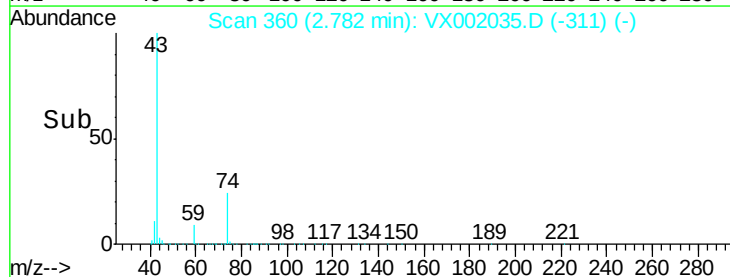
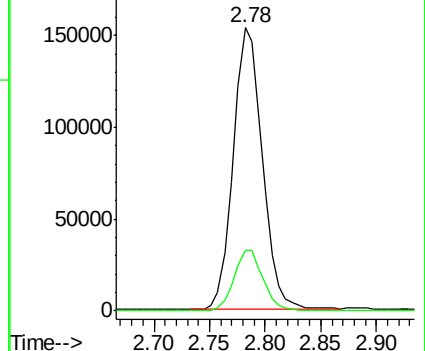
43 100

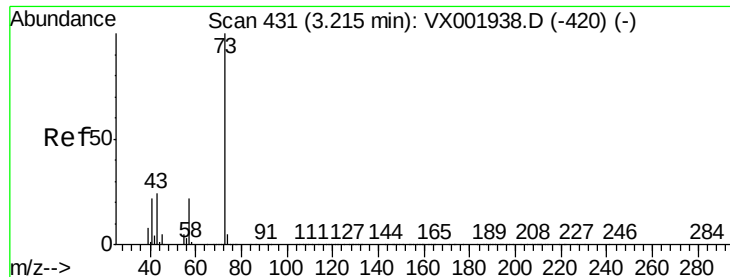
74 21.3 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

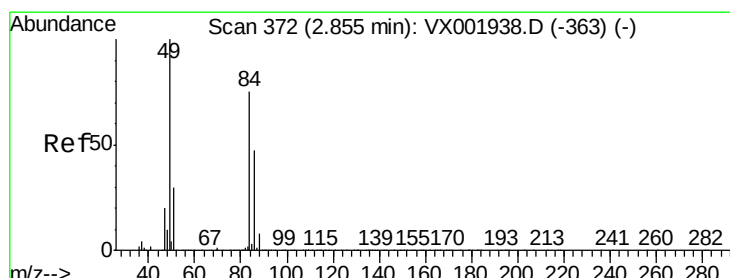
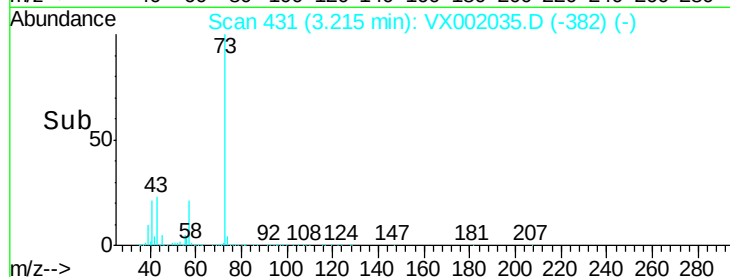
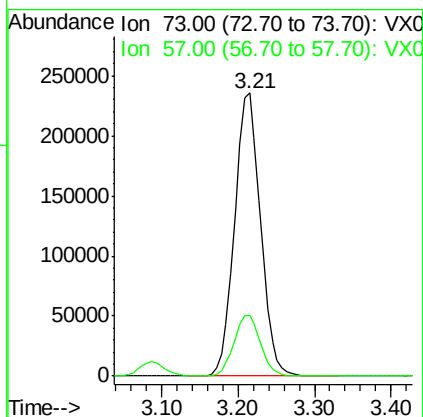
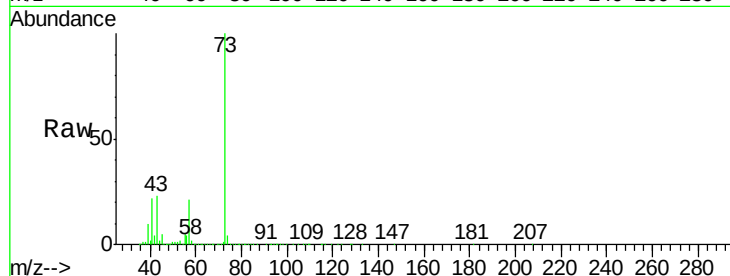




#19
Methyl tert-butyl Ether
Concen: 63.87 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

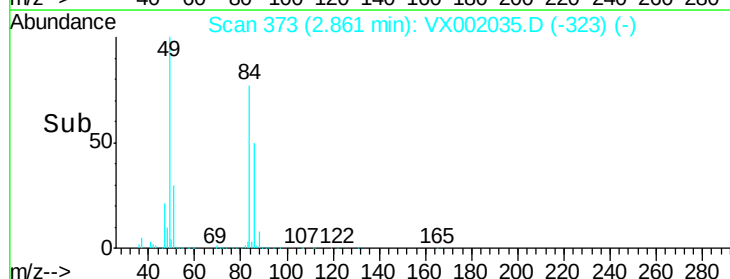
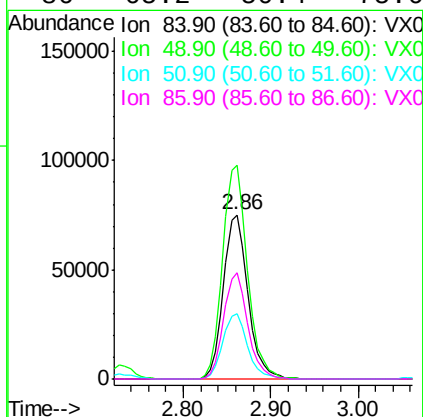
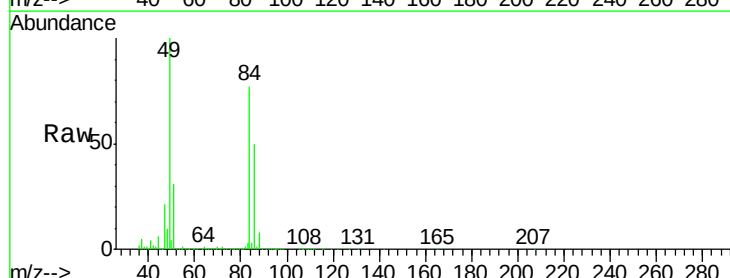
Instrument :
MSVOA_X
ClientSampleId :

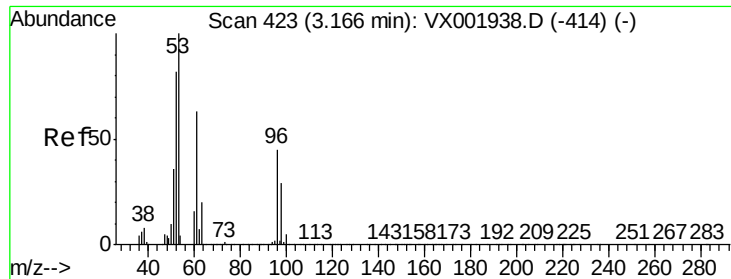
Tot Ion: 73 Resp: 552684
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0



#20
Methylene Chloride
Concen: 62.36 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion: 84 Resp: 146068
Ion Ratio Lower Upper
84 100
49 130.3 107.2 160.8
51 39.7 32.4 48.6
86 65.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 57.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

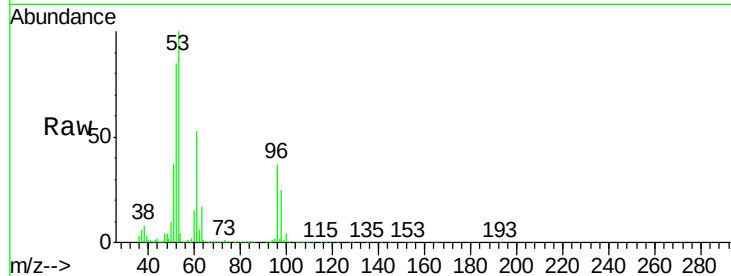
Tot Ion: 96 Resp: 127969

Ion Ratio Lower Upper

96 100

61 142.6 113.3 169.9

98 66.4 51.7 77.5

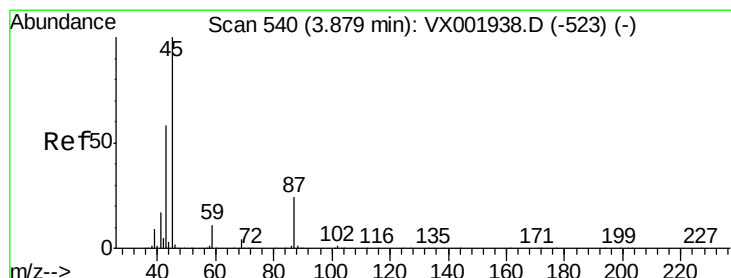
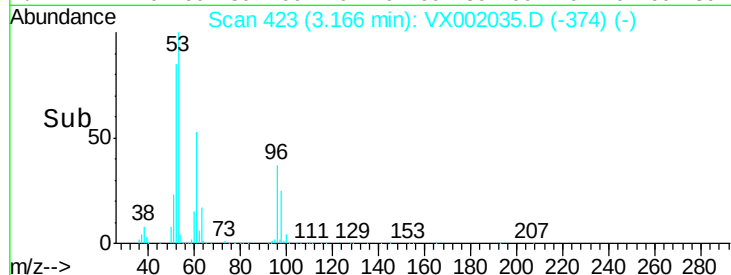
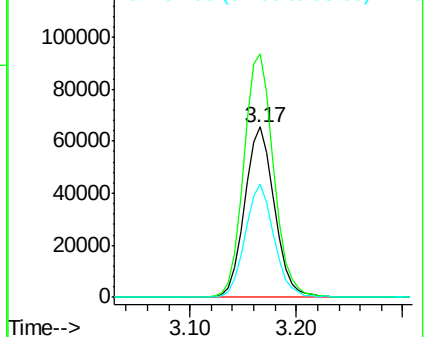


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.31 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Tgt Ion: 45 Resp: 513928

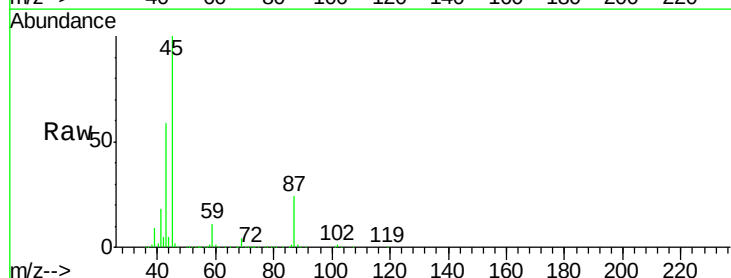
Ion Ratio Lower Upper

45 100

43 59.0 47.0 70.6

87 24.4 19.4 29.0

59 10.9 8.5 12.7



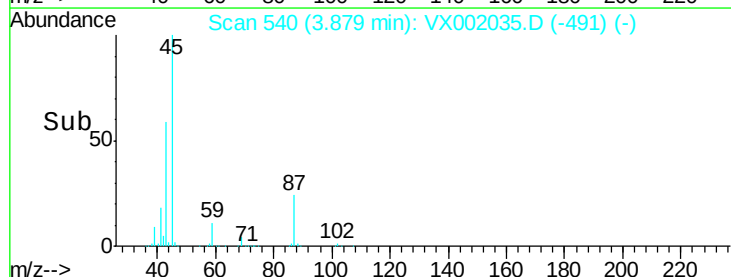
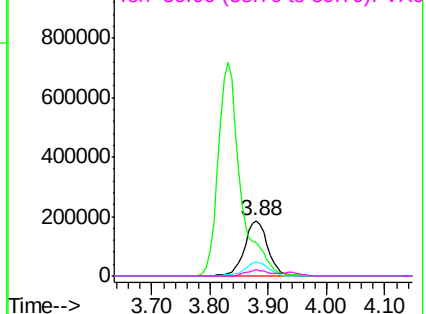
Abundance

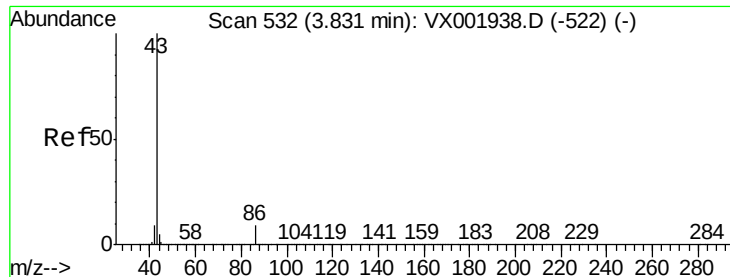
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 233.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

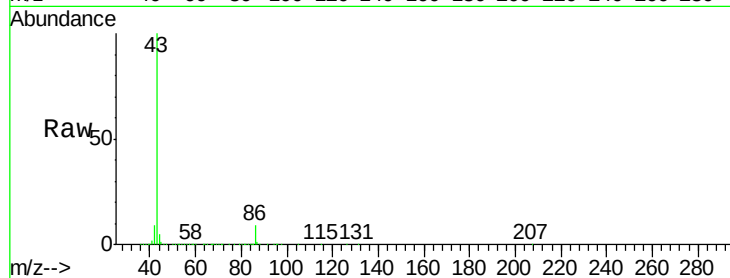
ClientSampleId :

Tot Ion: 43 Resp: 1897959

Ion Ratio Lower Upper

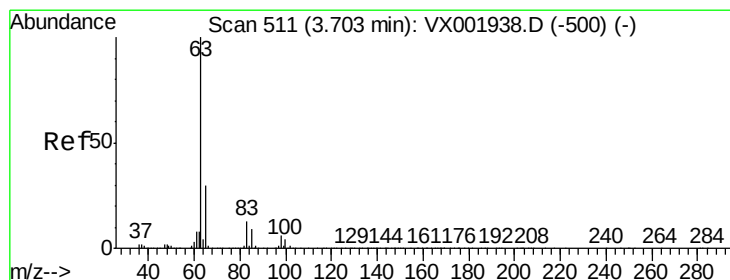
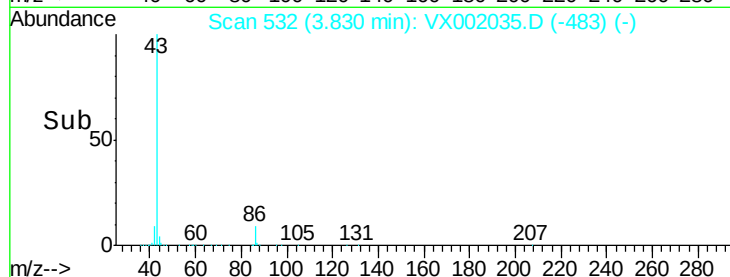
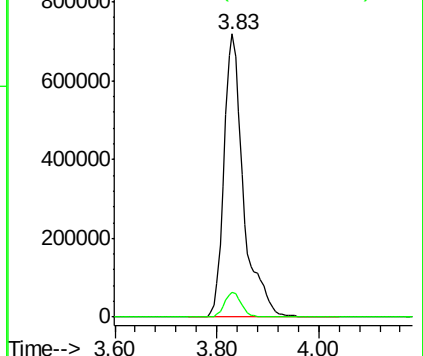
43 100

86 8.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.74 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

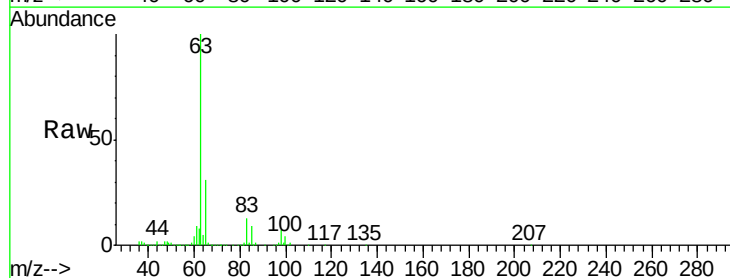
Tgt Ion: 63 Resp: 255439

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

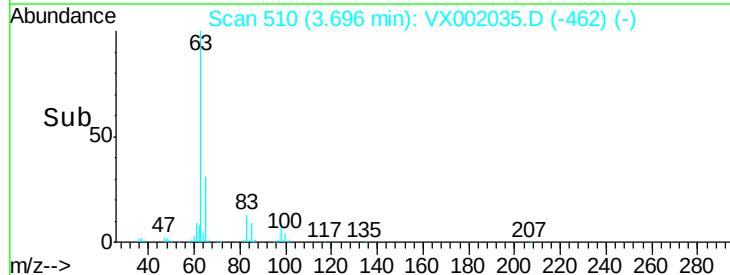
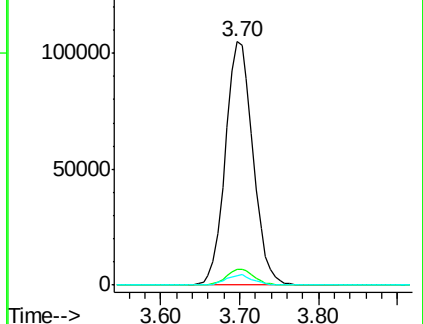
100 4.0 2.1 6.5

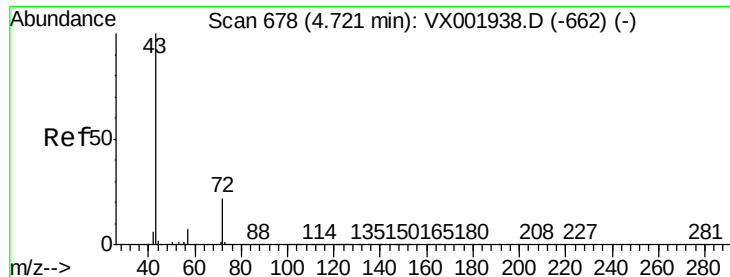


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 291.06 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

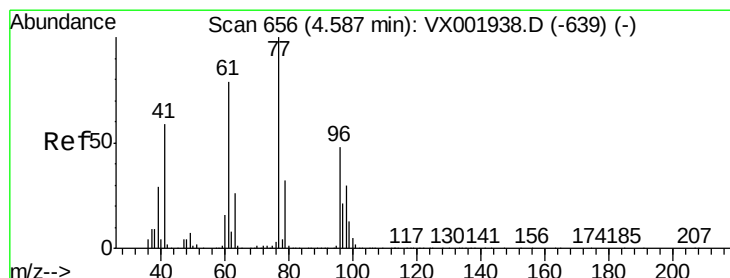
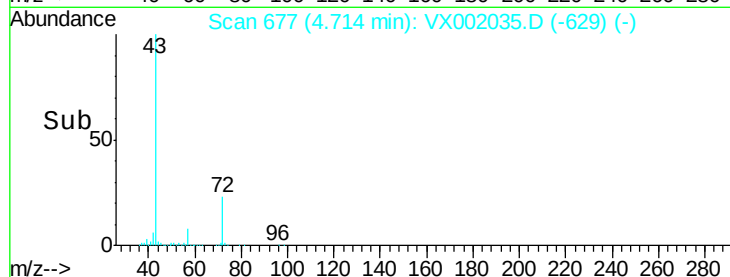
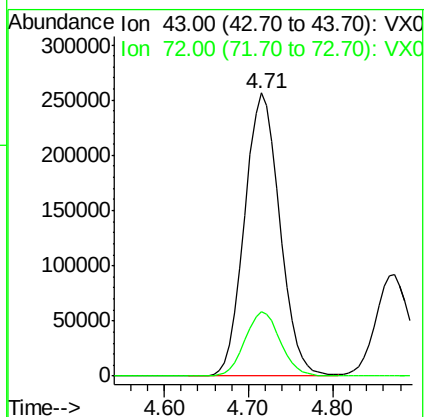
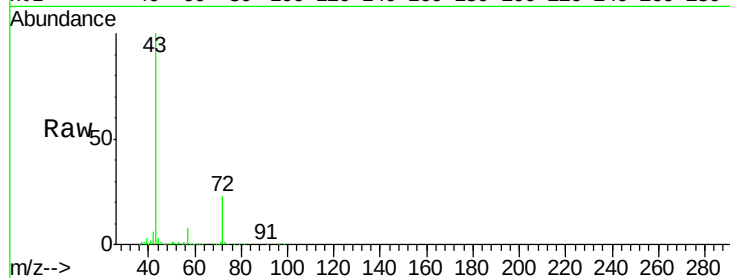
ClientSampled :

Tot Ion: 43 Resp: 726464

Ion Ratio Lower Upper

43 100

72 22.6 17.9 26.9



#26

2,2-Dichloropropane

Concen: 34.63 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002035.D

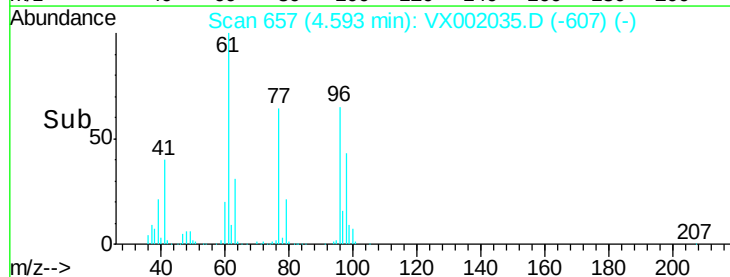
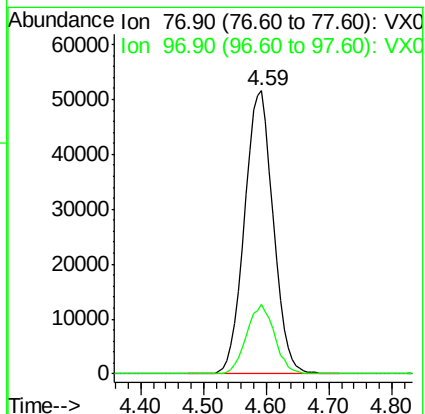
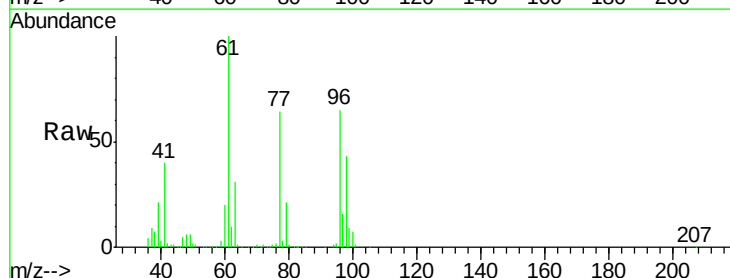
Acq: 26 May 2018 22:33

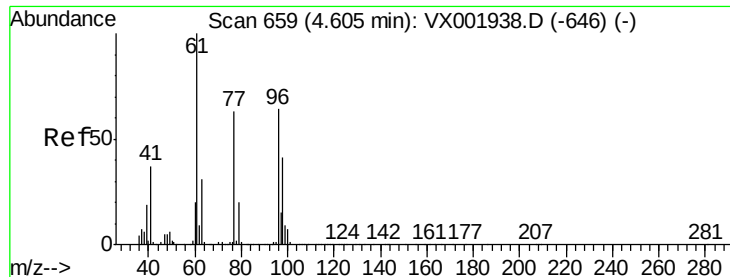
Tgt Ion: 77 Resp: 163583

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 56.99 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

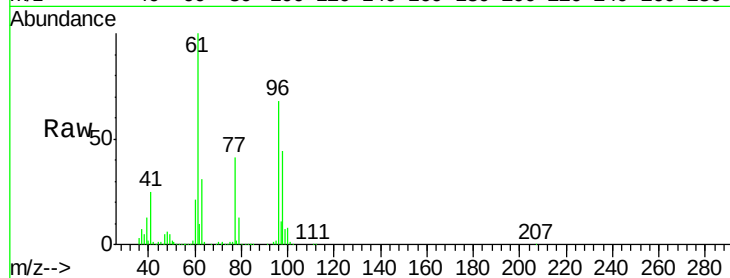
Tot Ion: 96 Resp: 170976

Ion Ratio Lower Upper

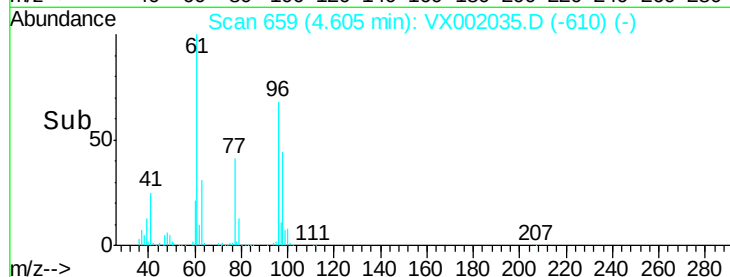
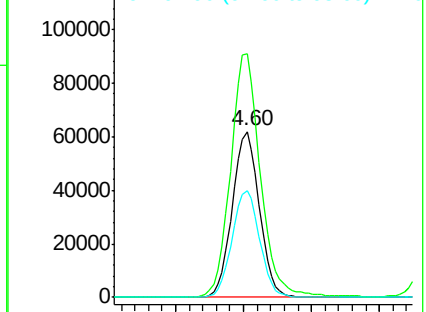
96 100

61 162.1 0.0 348.4

98 65.7 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: 58.90 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

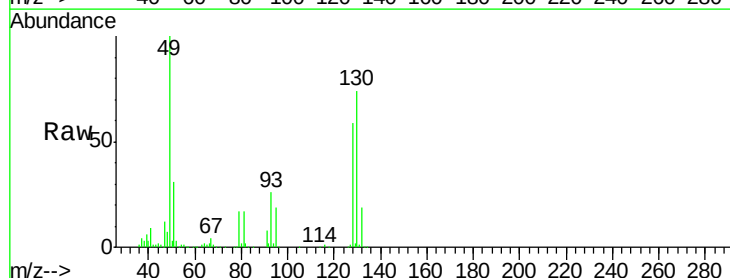
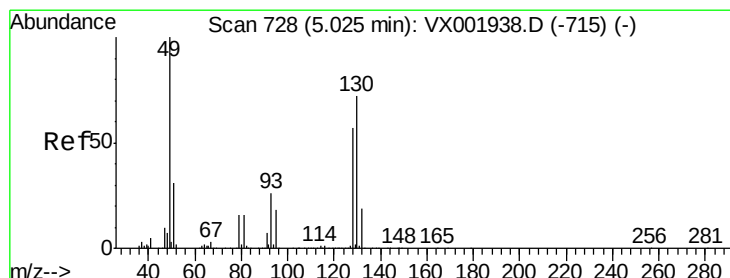
Tgt Ion: 49 Resp: 114783

Ion Ratio Lower Upper

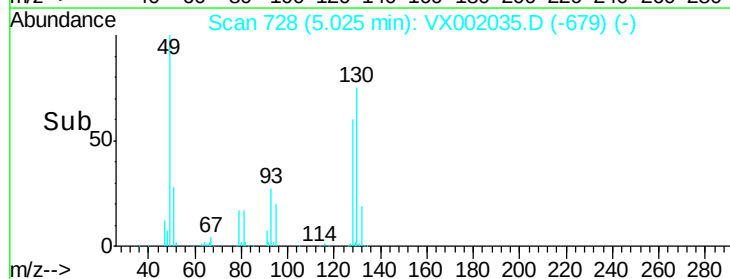
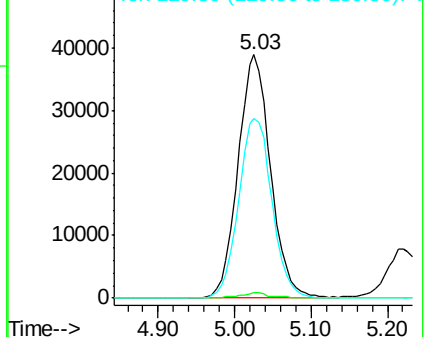
49 100

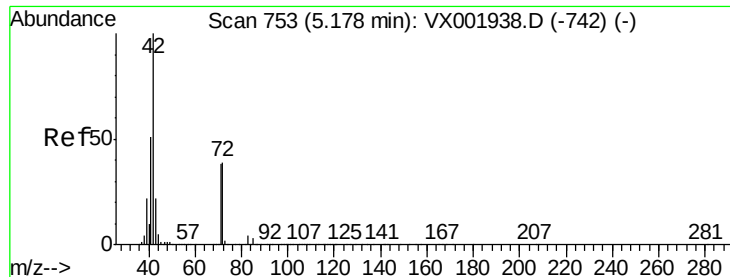
129 2.0 0.0 3.8

130 75.4 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: 290.15 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

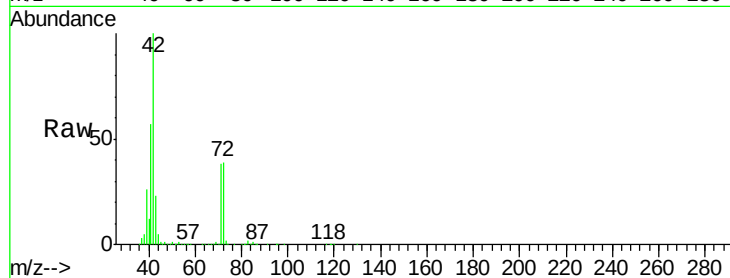
Tot Ion: 42 Resp: 471170

Ion Ratio Lower Upper

42 100

72 39.4 31.4 47.0

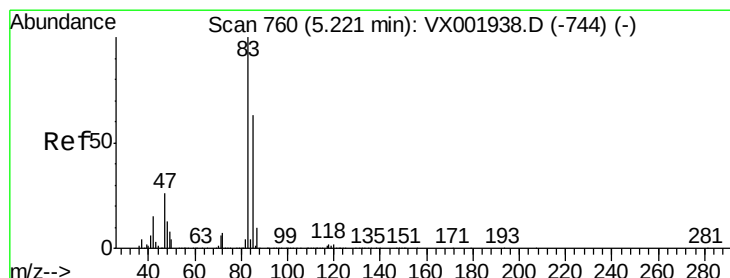
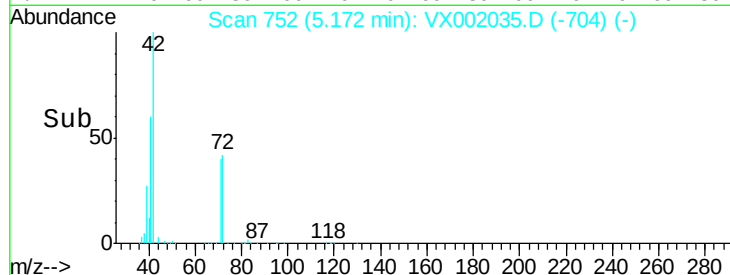
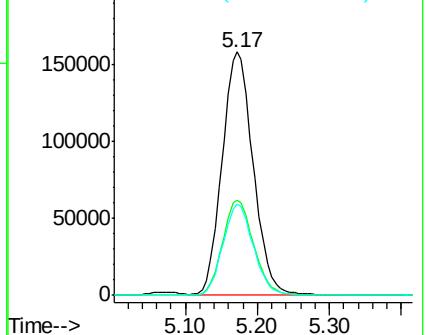
71 37.1 29.5 44.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.55 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002035.D

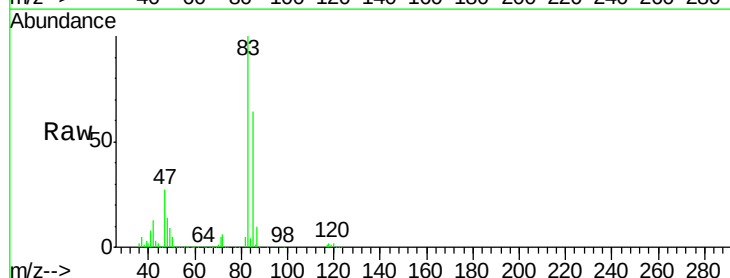
Acq: 26 May 2018 22:33

Tgt Ion: 83 Resp: 265782

Ion Ratio Lower Upper

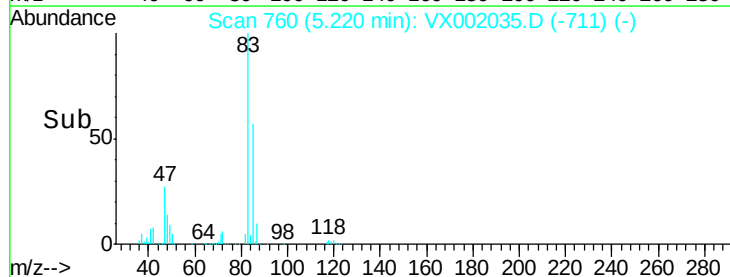
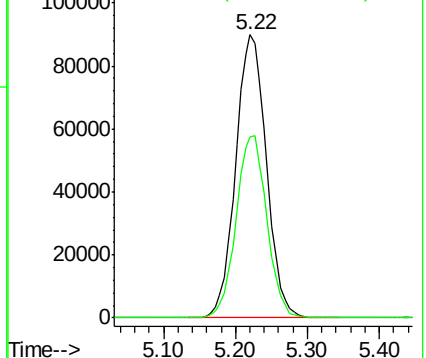
83 100

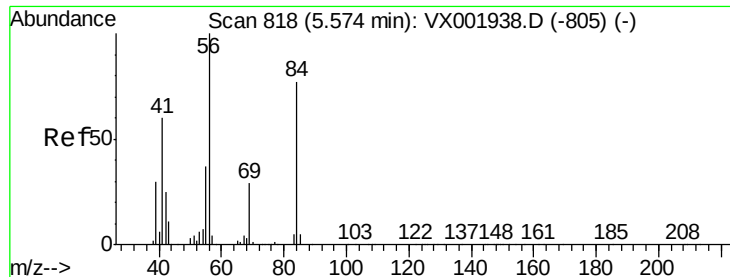
85 63.8 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 42.94 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

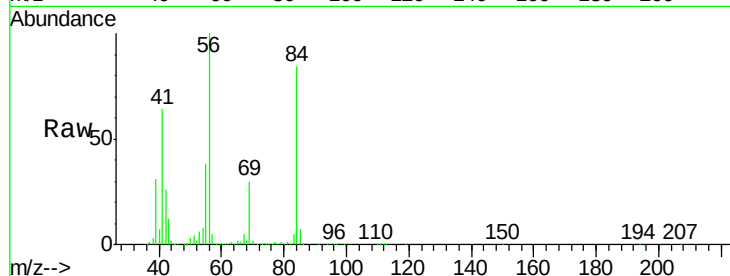
Tot Ion: 56 Resp: 208792

Ion Ratio Lower Upper

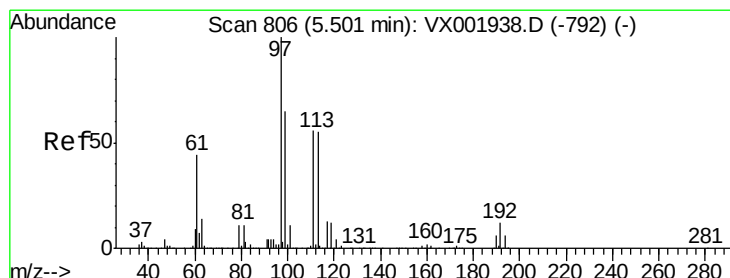
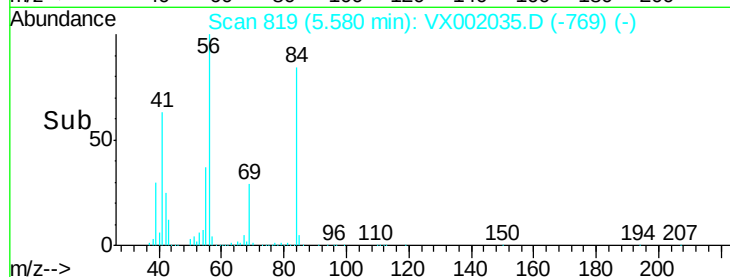
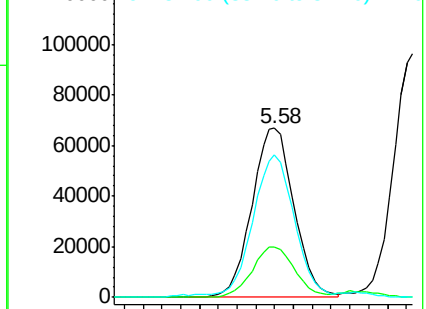
56 100

69 29.5 23.1 34.7

84 83.1 62.0 93.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.86 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

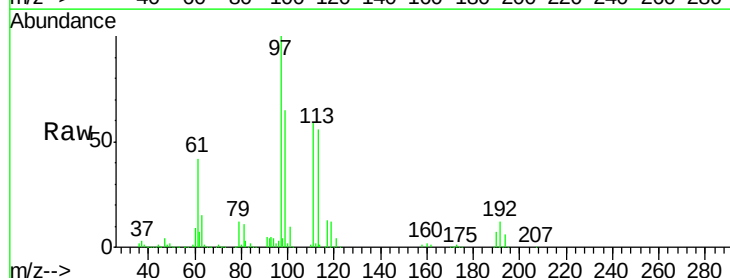
Tgt Ion: 97 Resp: 229690

Ion Ratio Lower Upper

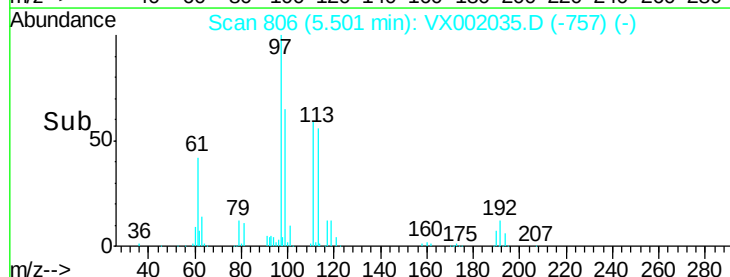
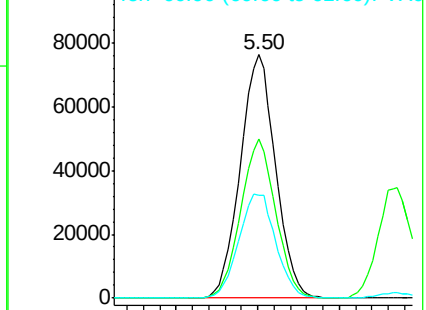
97 100

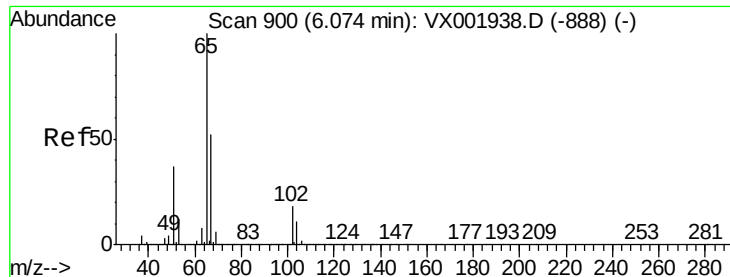
99 64.8 51.9 77.9

61 45.0 35.9 53.9



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

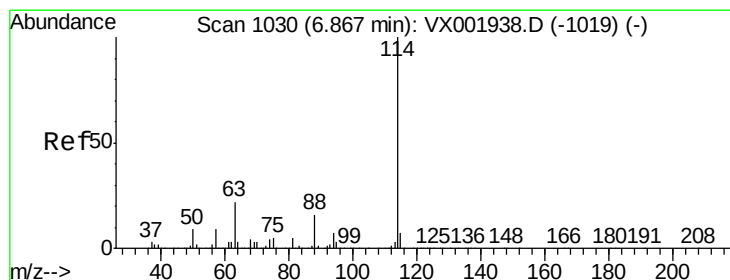
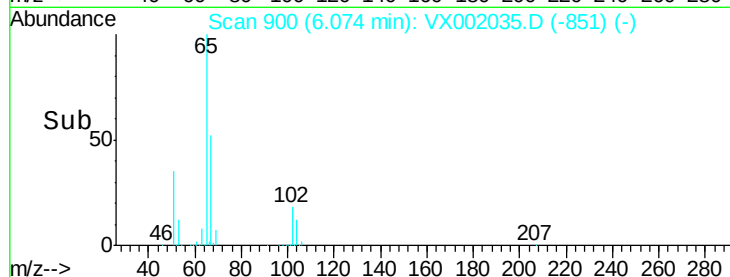
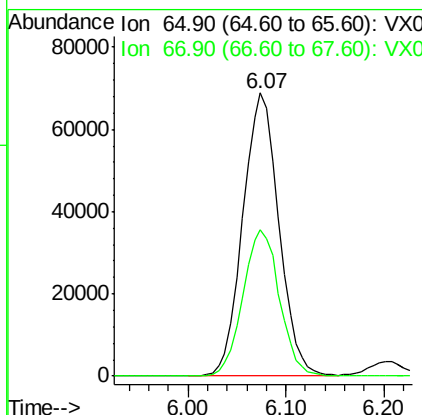
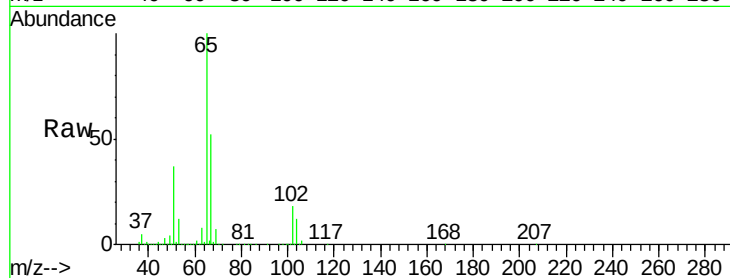




#33
 1,2-Dichloroethane-d4
 Concen: 50.00 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

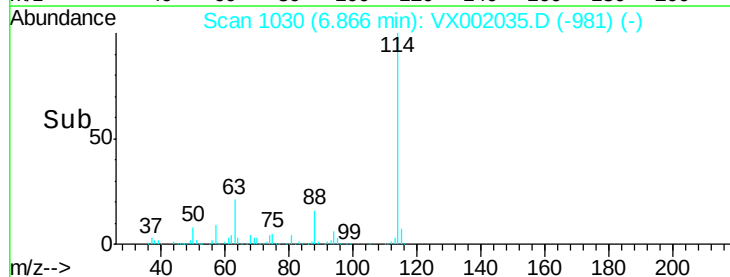
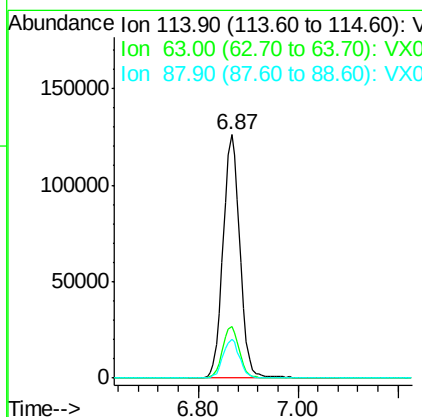
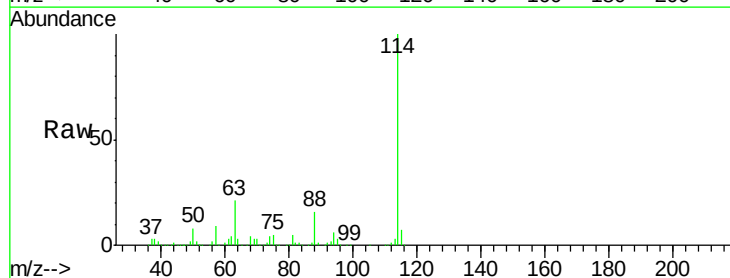
Instrument :
 MSVOA_X
 ClientSampleId :

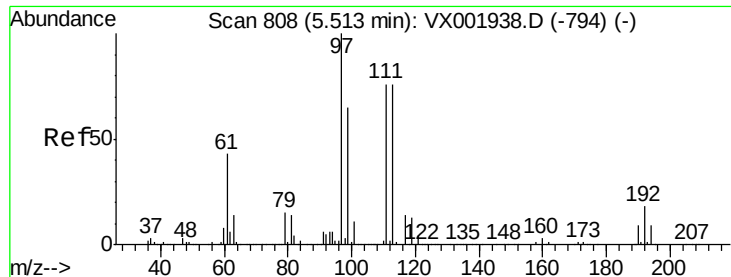
Tot Ion: 65 Resp: 176437
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion: 114 Resp: 295586
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 16.0 0.0 31.6

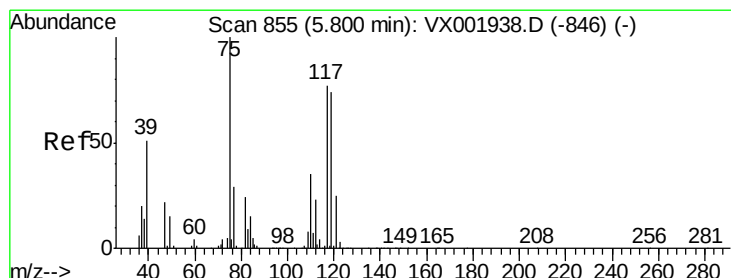
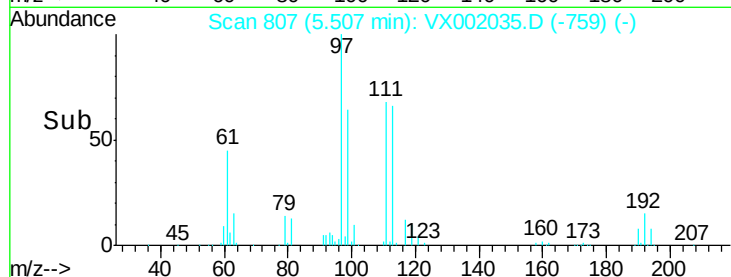
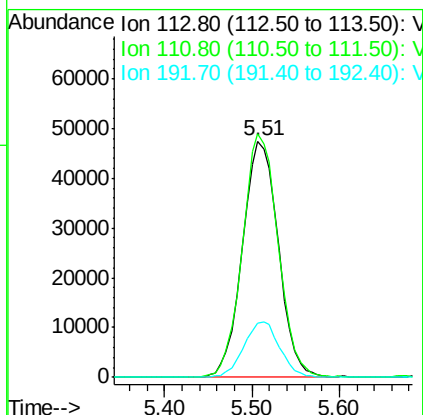
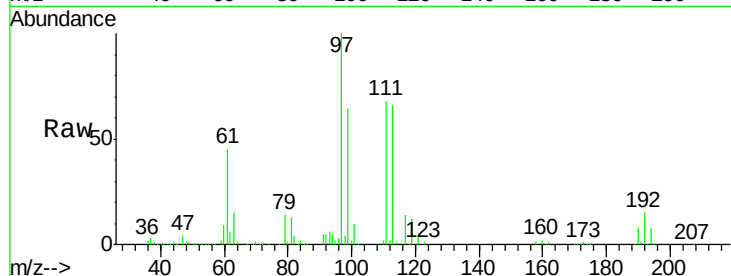




#35
 Dibromofluoromethane
 Concen: 45.76 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

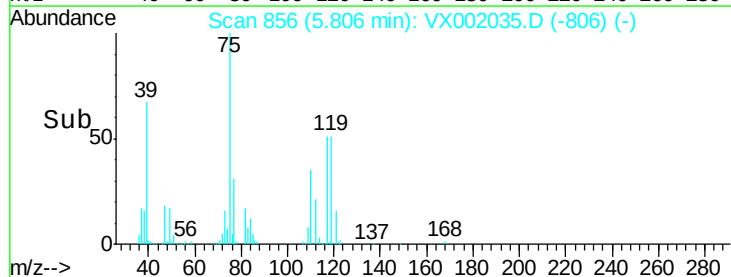
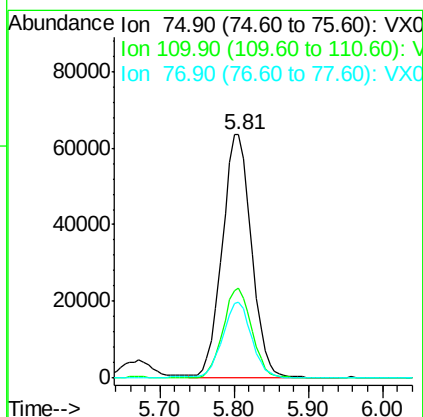
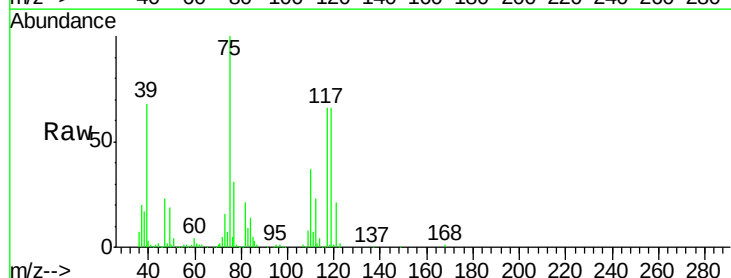
Instrument :
 MSVOA_X
 ClientSampleId :

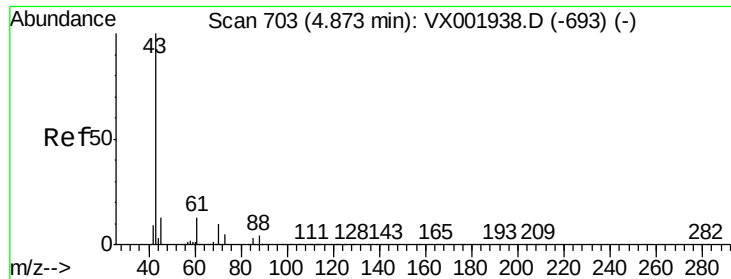
Tot Ion:113 Resp: 135260
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 23.5 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 42.29 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion: 75 Resp: 173883
 Ion Ratio Lower Upper
 75 100
 110 36.5 17.4 52.2
 77 30.3 24.4 36.6

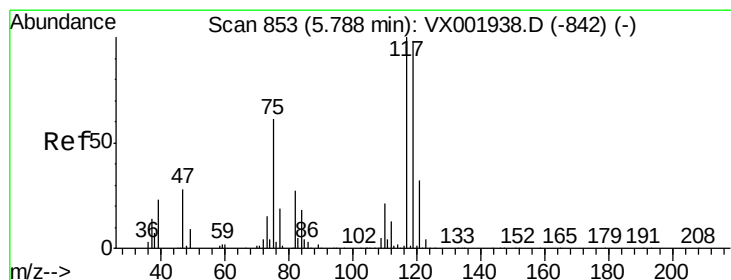
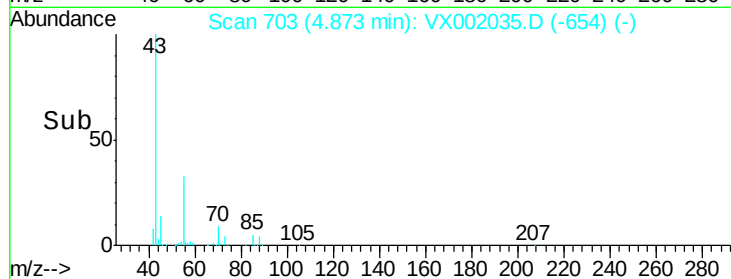
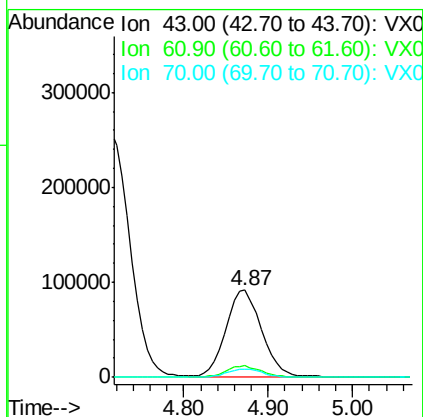
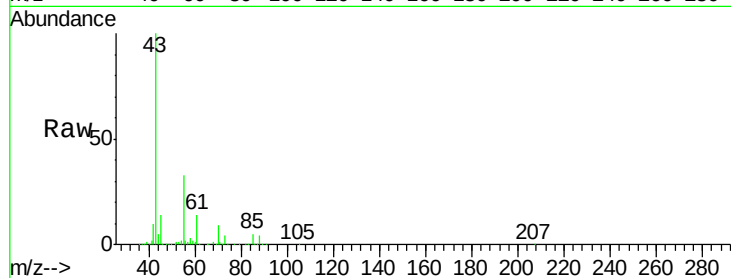




#37
Ethyl Acetate
Concen: 49.31 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

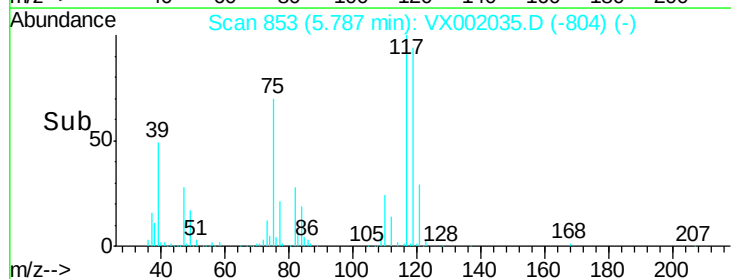
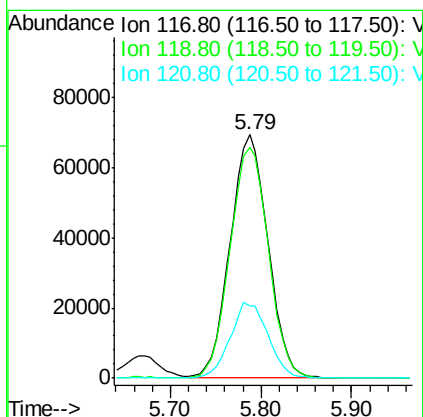
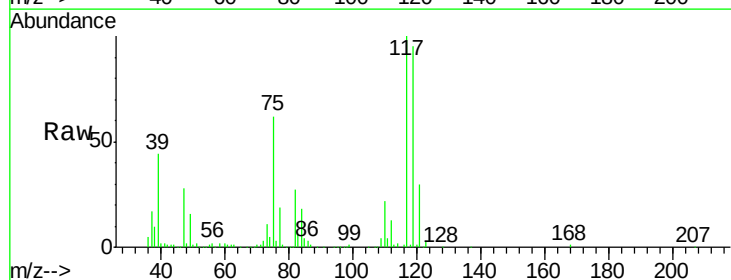
Instrument :
MSVOA_X
ClientSampleId :

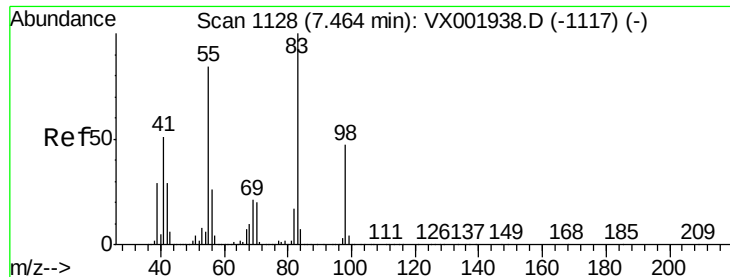
Tot Ion: 43 Resp: 264286
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 41.93 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion: 117 Resp: 201051
Ion Ratio Lower Upper
117 100
119 94.8 78.5 117.7
121 29.6 25.5 38.3

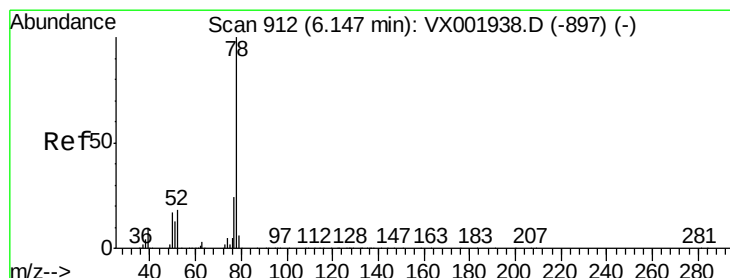
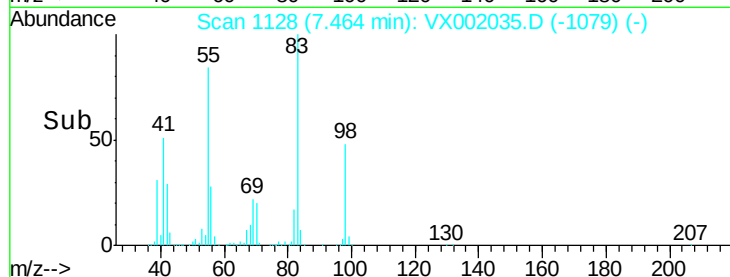
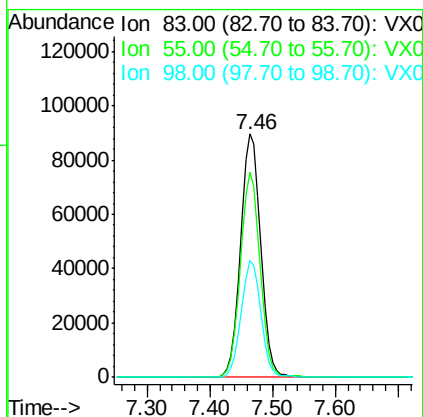
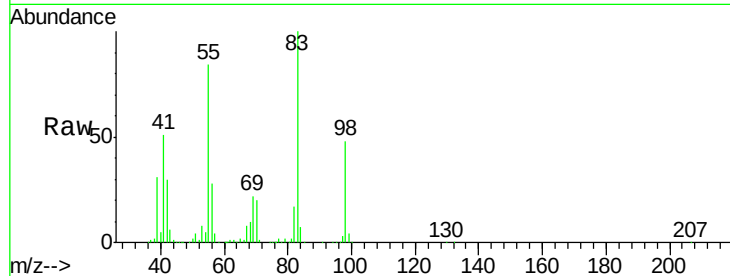




#39
Methylvlcyclohexane
Concen: 39.45 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

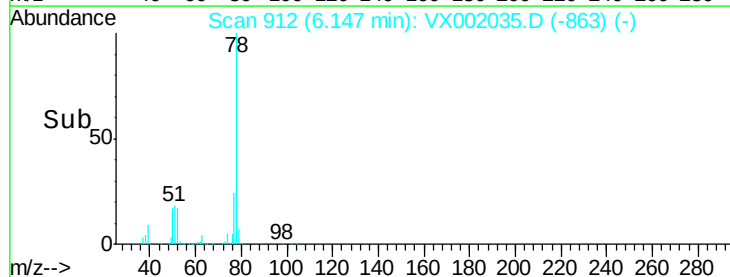
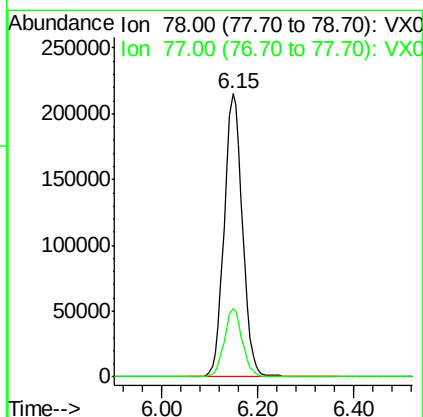
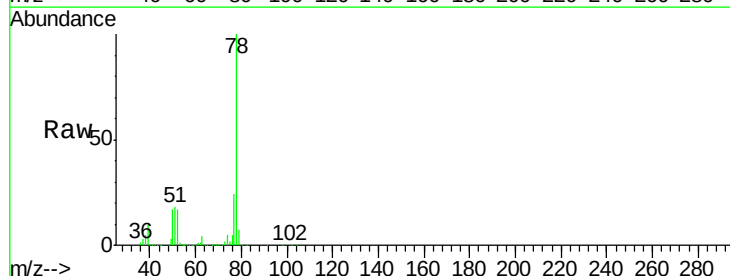
Instrument :
MSVOA_X
ClientSampleId :

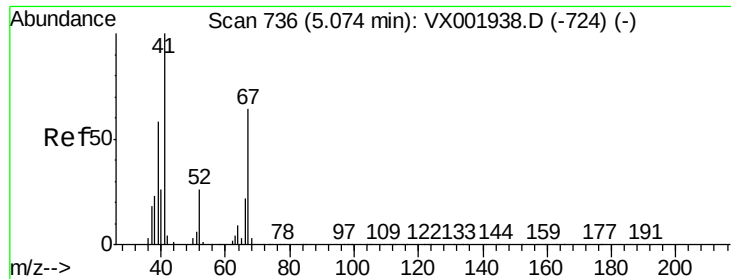
Tot Ion: 83 Resp: 199262
Ion Ratio Lower Upper
83 100
55 84.0 67.3 100.9
98 47.9 37.5 56.3



#40
Benzene
Concen: 47.41 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion: 78 Resp: 571097
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

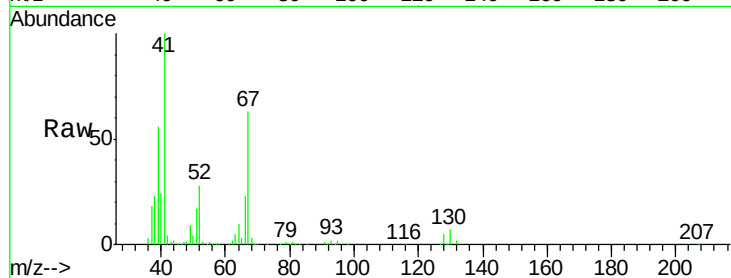




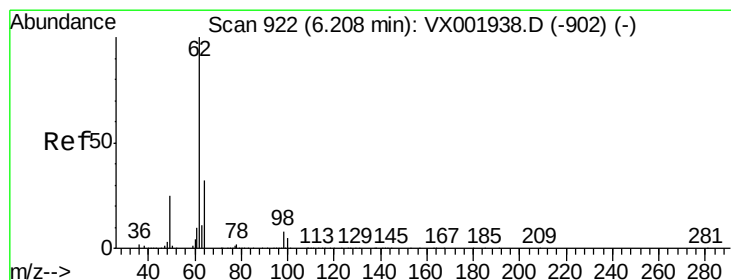
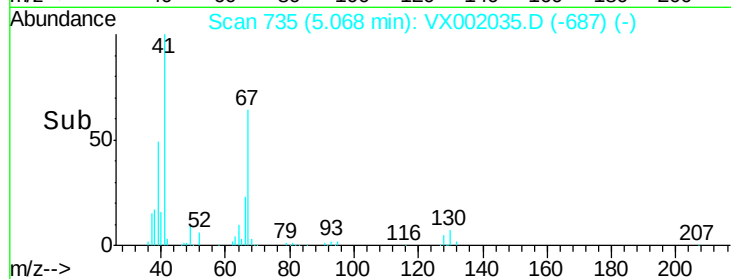
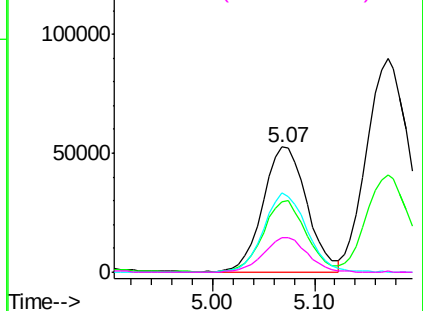
#41
Methacrylonitrile
Concen: 55.39 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	156257
Ion	Ratio	Lower	Upper
41	100		
39	55.5	46.0	69.0
67	61.8	50.6	75.8
52	27.3	21.9	32.9

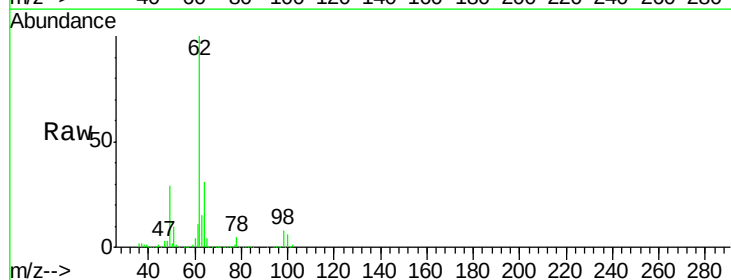


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

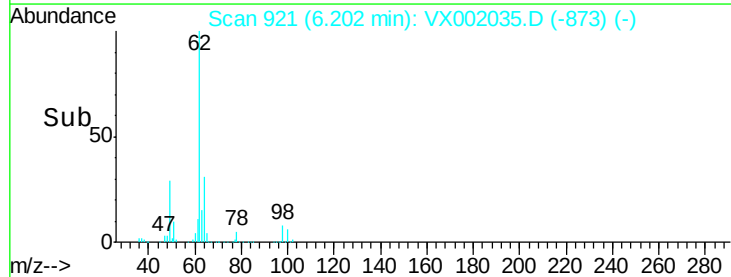
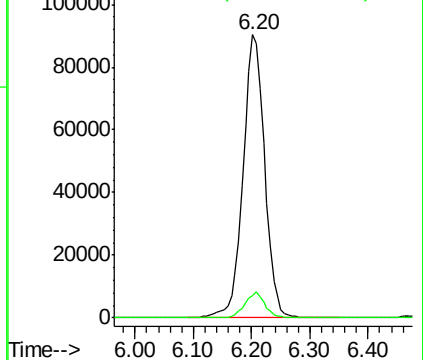


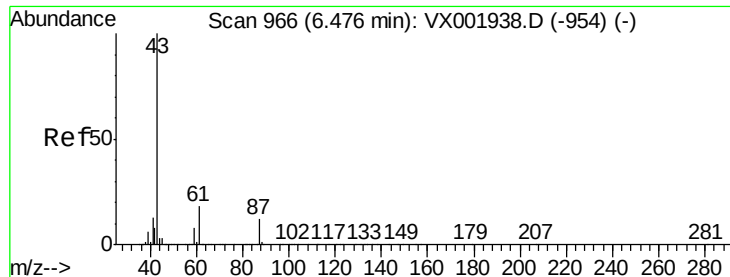
#42
1,2-Dichloroethane
Concen: 48.24 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion:	62	Resp:	232086
Ion	Ratio	Lower	Upper
62	100		
98	8.4	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: 50.24 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

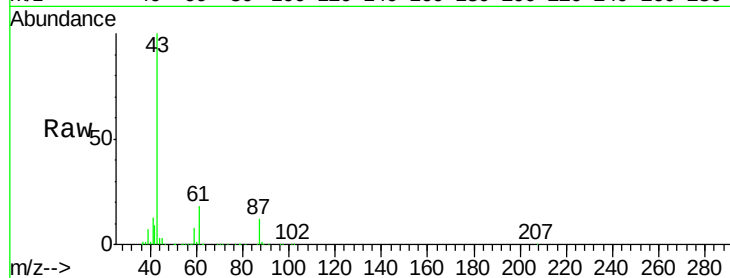
Tot Ion: 43 Resp: 448670

Ion Ratio Lower Upper

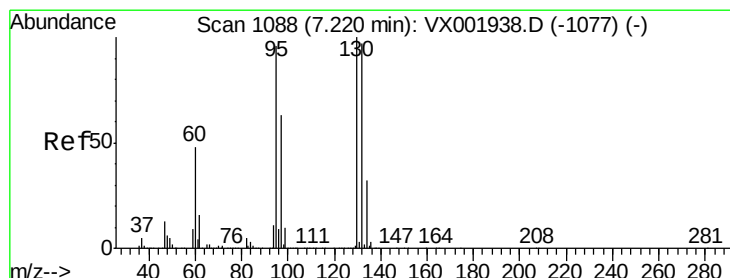
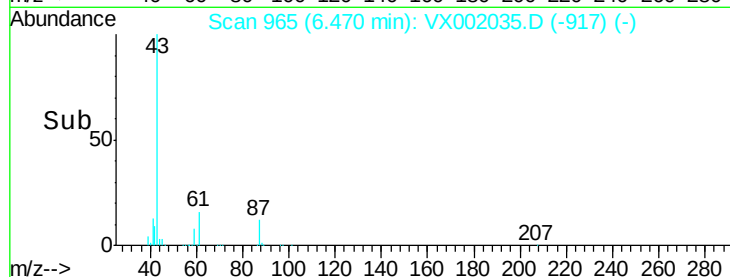
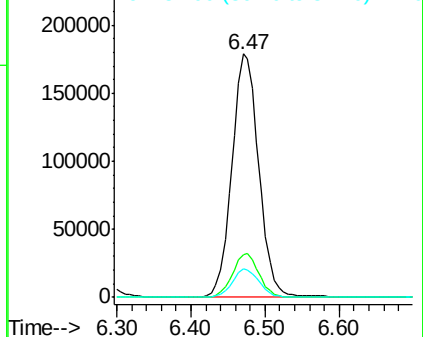
43 100

61 17.9 14.5 21.7

87 11.7 9.5 14.3



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



#44

Trichloroethene

Concen: 49.58 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002035.D

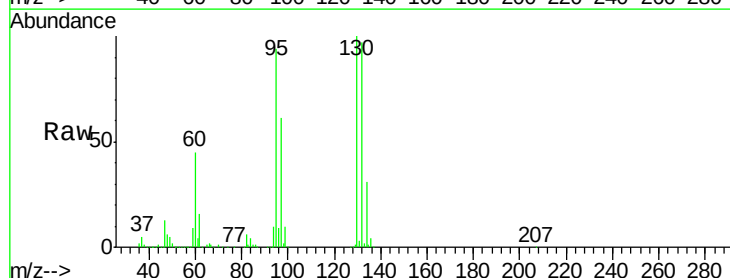
Acq: 26 May 2018 22:33

Tgt Ion:130 Resp: 174013

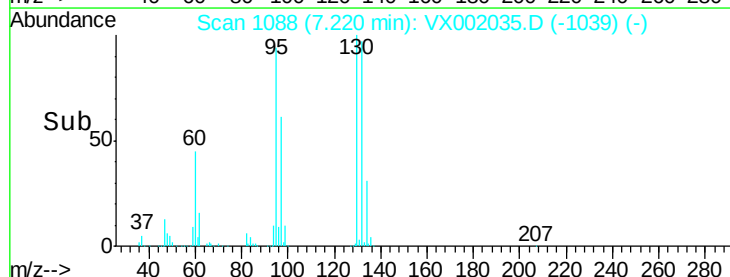
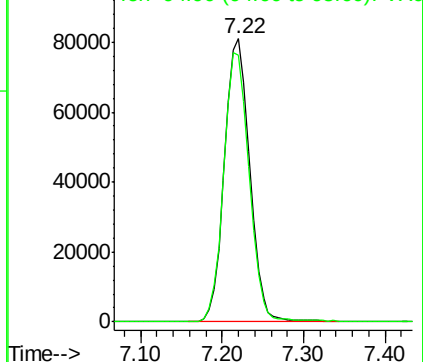
Ion Ratio Lower Upper

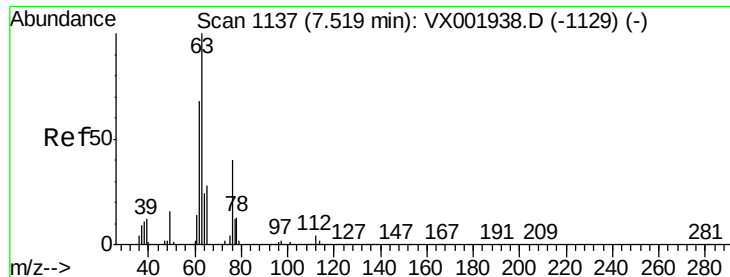
130 100

95 94.3 0.0 192.0



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





#45

1,2-Dichloropropane

Concen: 49.06 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

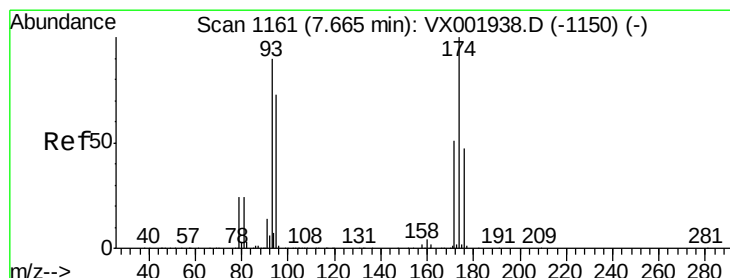
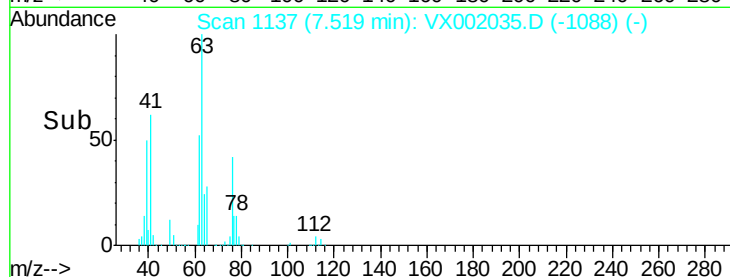
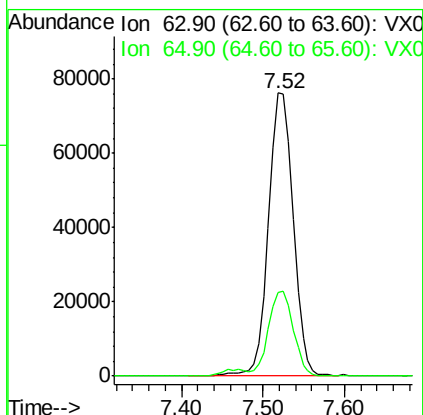
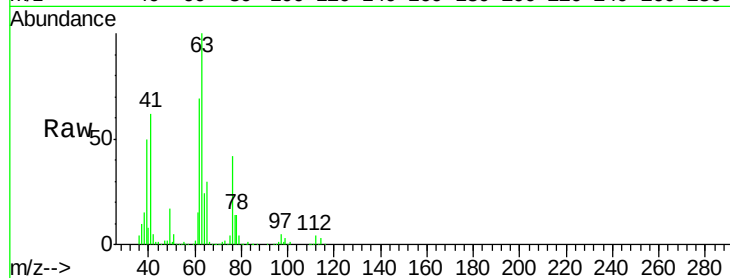
ClientSampleId :

Tot Ion: 63 Resp: 160485

Ion Ratio Lower Upper

63 100

65 29.6 24.1 36.1



#46

Dibromomethane

Concen: 49.31 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

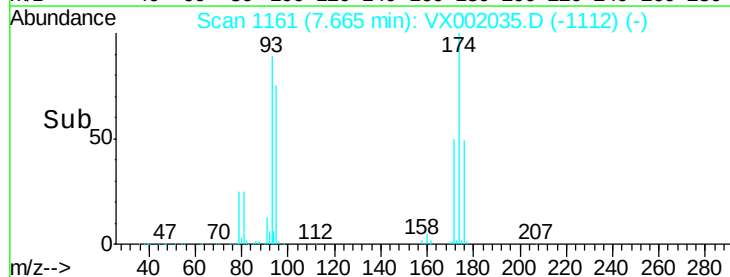
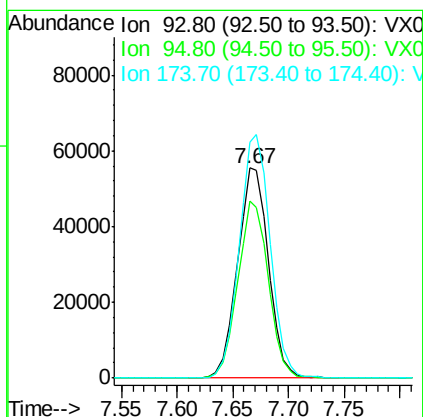
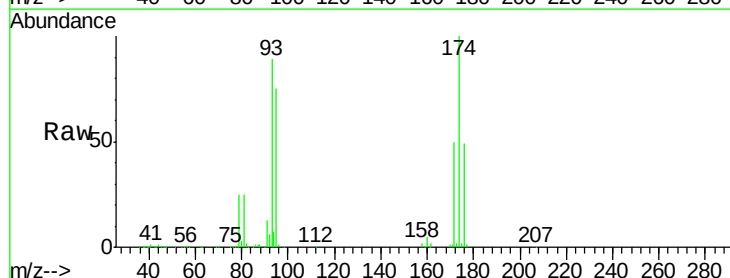
Tgt Ion: 93 Resp: 106786

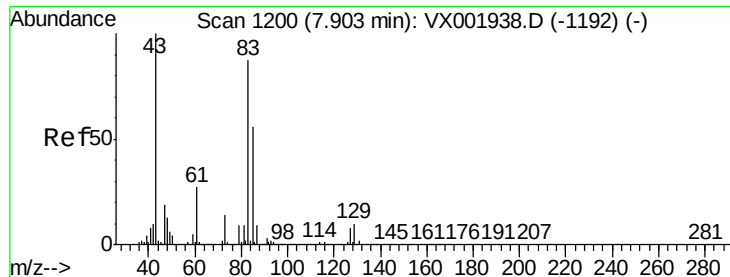
Ion Ratio Lower Upper

93 100

95 83.5 66.1 99.1

174 116.5 92.5 138.7





#47

Bromodichloromethane

Concen: 46.08 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :

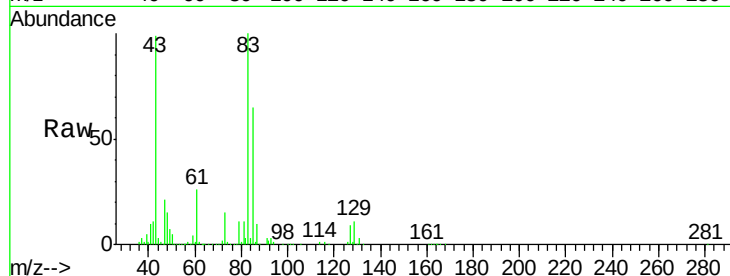
Tot Ion: 83 Resp: 212789

Ion Ratio Lower Upper

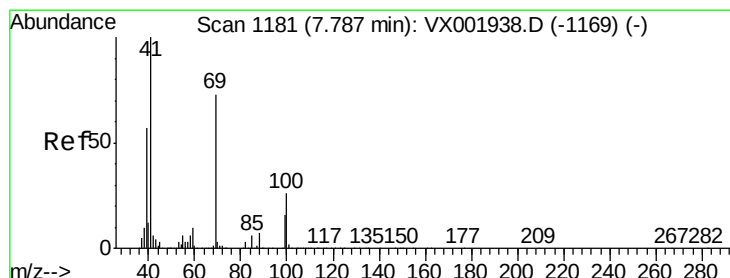
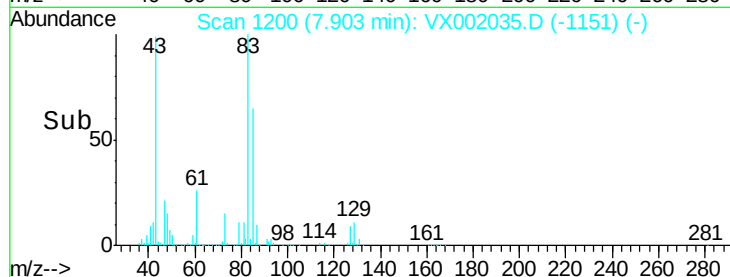
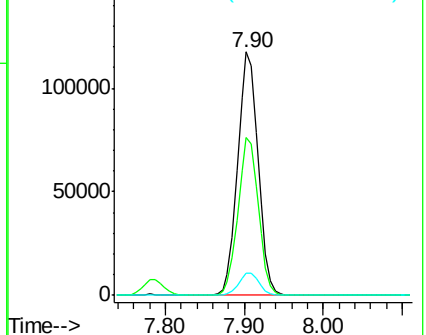
83 100

85 64.7 51.4 77.2

127 8.9 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: 51.39 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

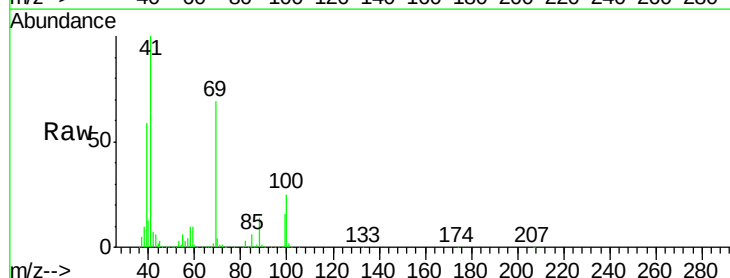
Tgt Ion: 41 Resp: 233593

Ion Ratio Lower Upper

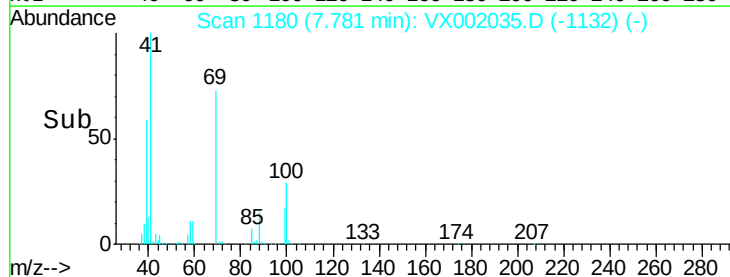
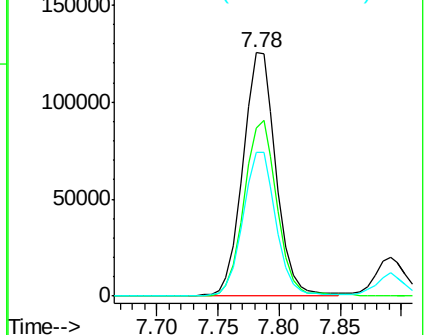
41 100

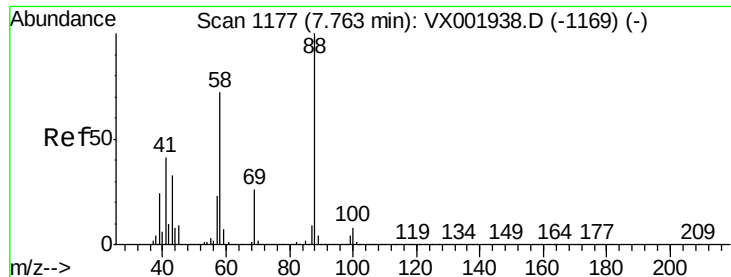
69 72.5 58.6 87.8

39 59.1 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

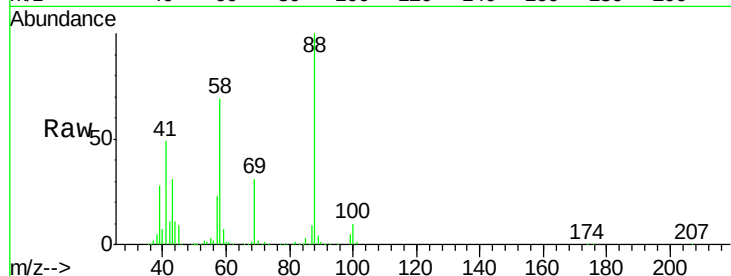




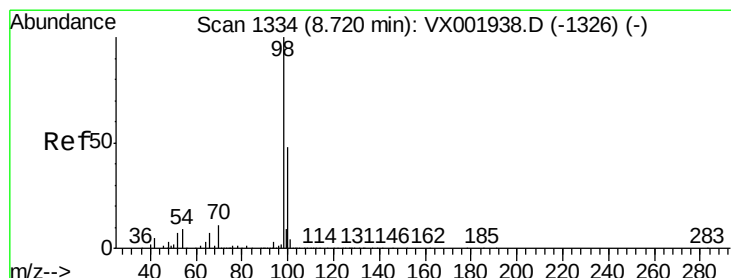
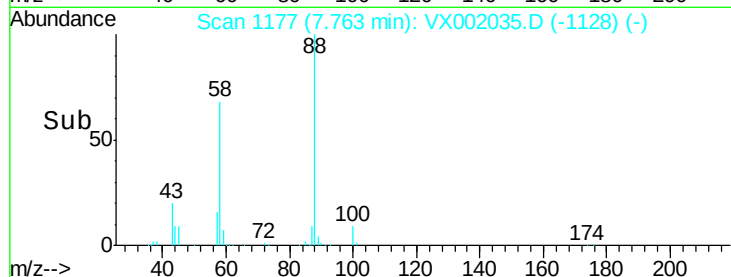
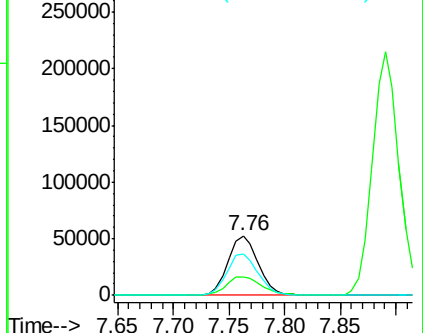
#49
 1,4-Dioxane
 Concen: 1238.53 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	88	Resp	99209
Ion	Ratio	Lower	Upper
88	100		
43	36.6	29.8	44.8
58	70.8	58.7	88.1

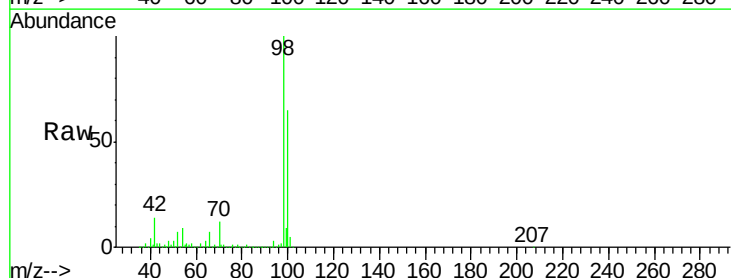


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

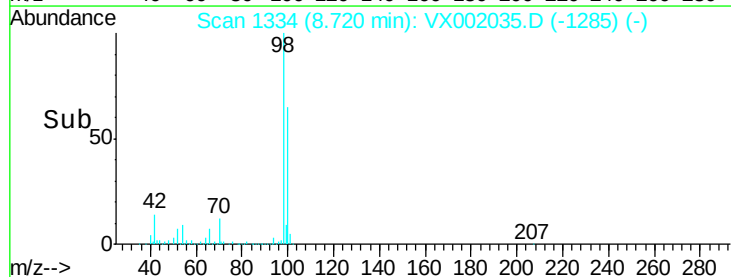
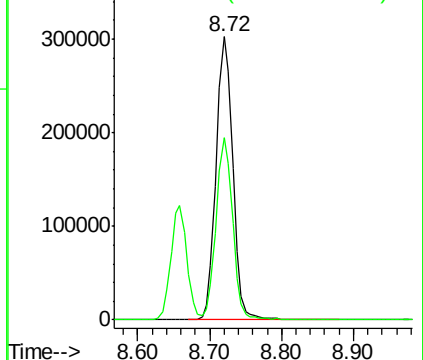


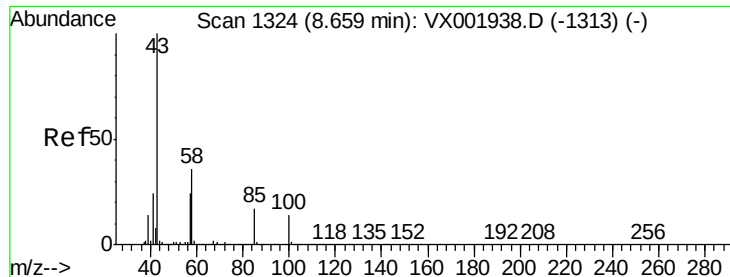
#50
 Toluene-d8
 Concen: 45.47 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion	98	Resp	486585
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.5	77.3



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

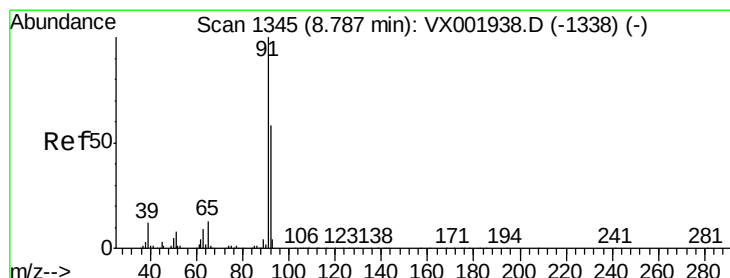
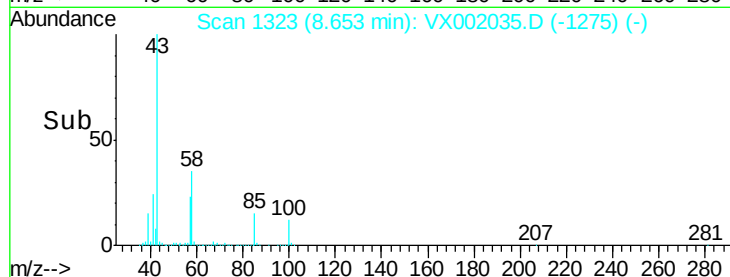
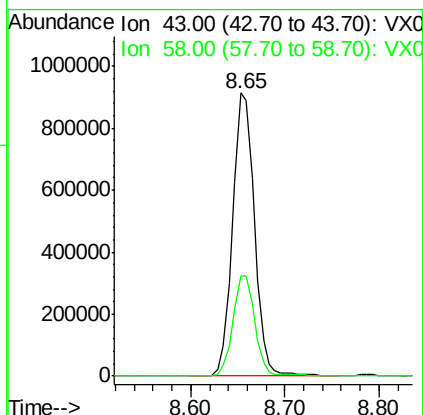
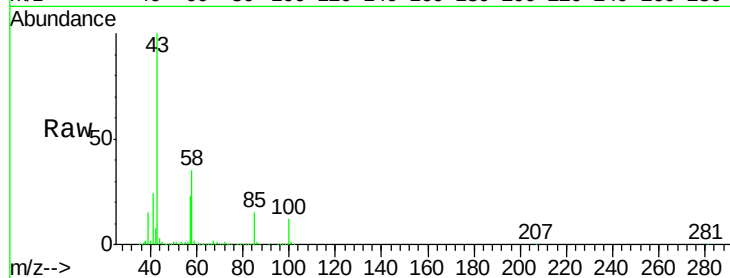




#51
 4-Methyl-2-Pentanone
 Concen: 273.67 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

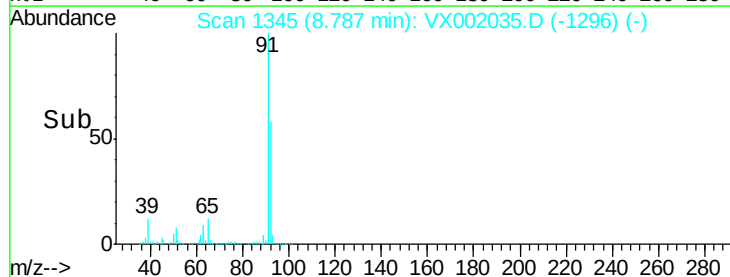
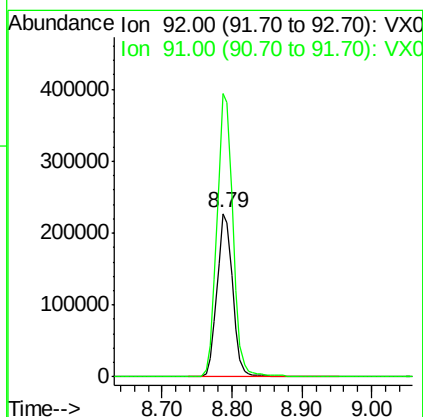
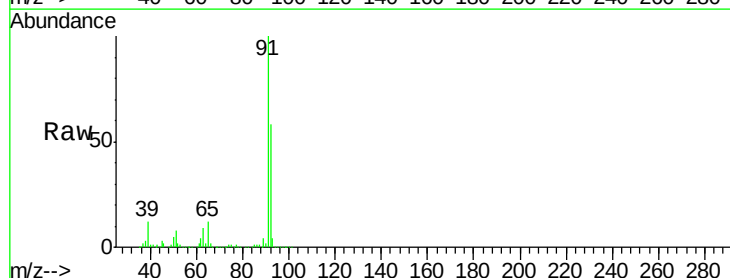
Instrument :
 MSVOA_X
 ClientSampled :

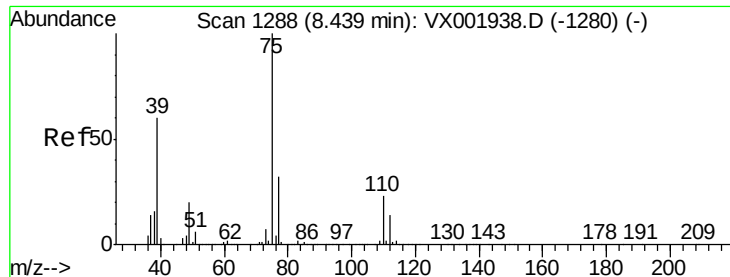
Tot Ion: 43 Resp: 1473383
 Ion Ratio Lower Upper
 43 100
 58 35.5 28.5 42.7



#52
 Toluene
 Concen: 46.40 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion: 92 Resp: 355683
 Ion Ratio Lower Upper
 92 100
 91 176.0 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 44.82 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

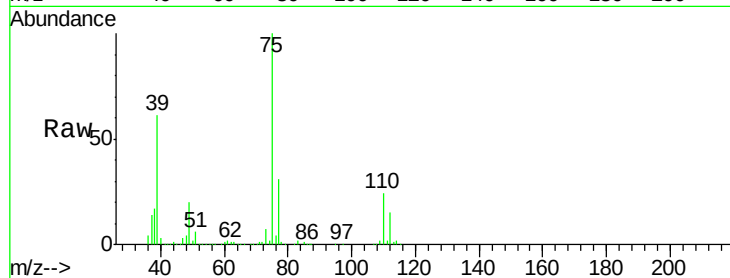
ClientSampleId :

Tot Ion: 75 Resp: 238393

Ion Ratio Lower Upper

75 100

77 31.0 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

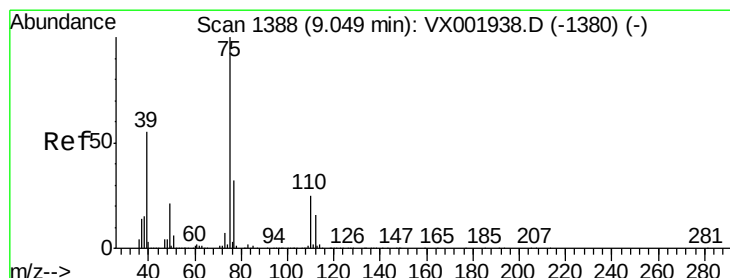
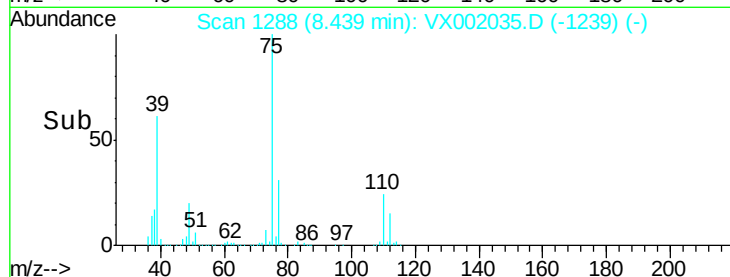
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 44.19 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

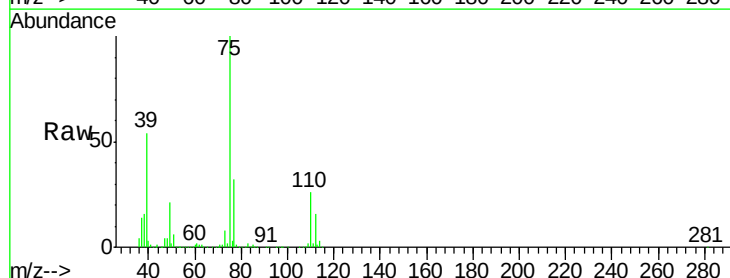
Tgt Ion: 75 Resp: 229007

Ion Ratio Lower Upper

75 100

77 32.0 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

9.05

200000

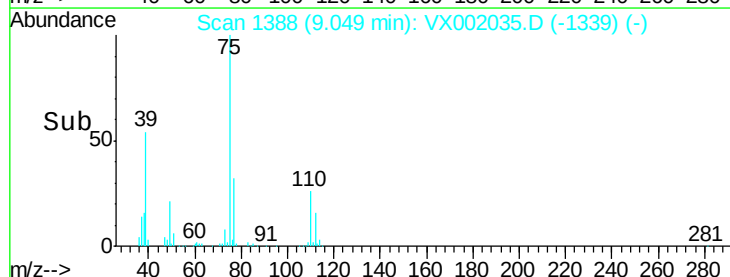
150000

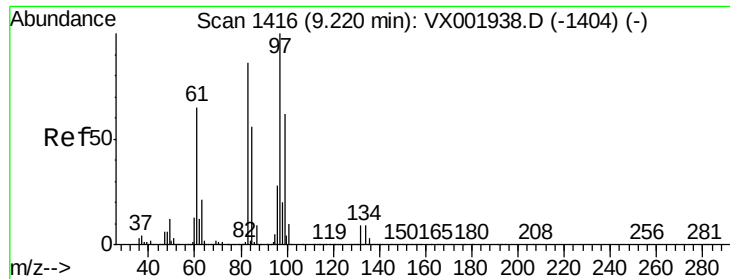
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.04 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 157045

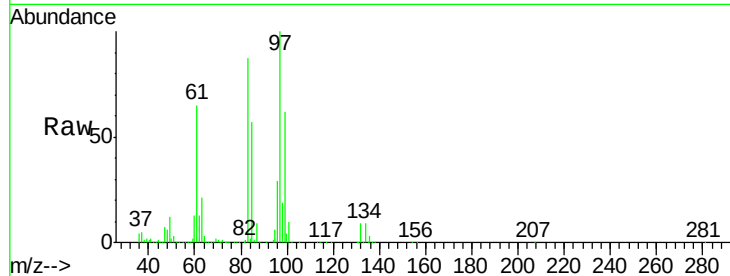
Ion Ratio Lower Upper

97 100

83 87.0 69.1 103.7

85 56.6 45.2 67.8

99 61.6 49.6 74.4

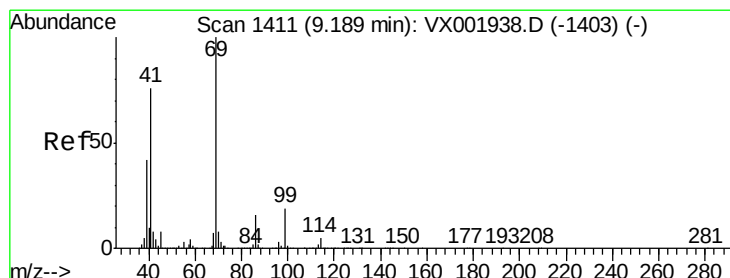
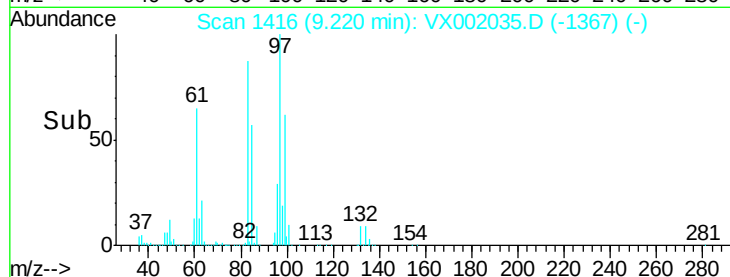
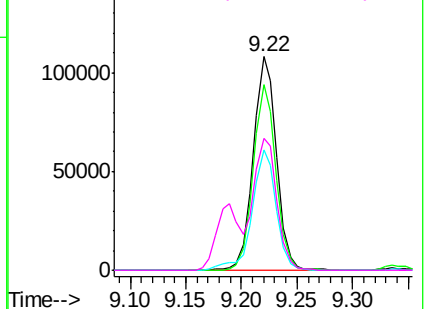


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 47.66 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

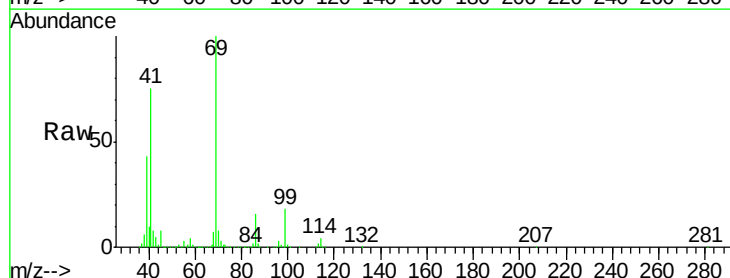
Tgt Ion: 69 Resp: 262520

Ion Ratio Lower Upper

69 100

41 76.4 61.0 91.6

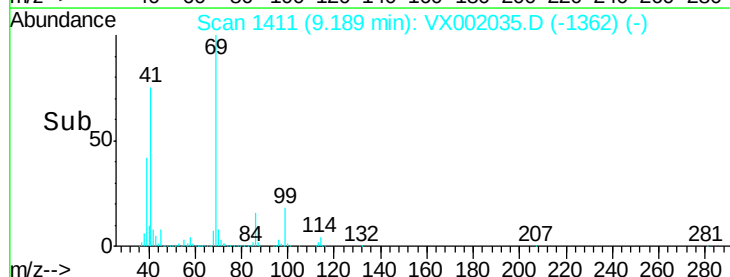
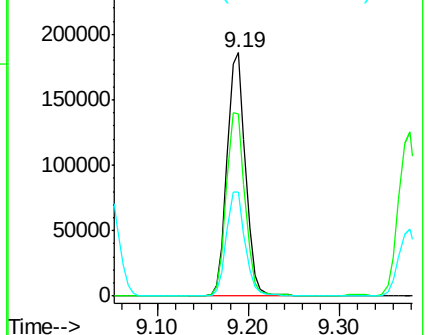
39 43.7 34.4 51.6

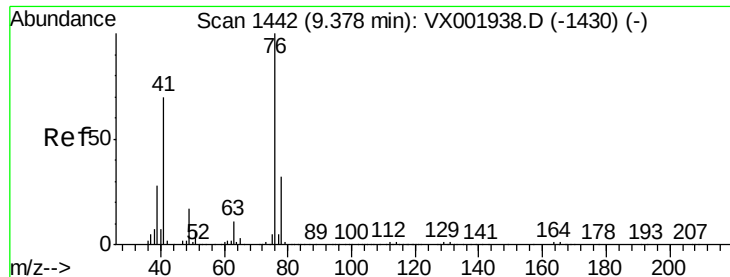


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

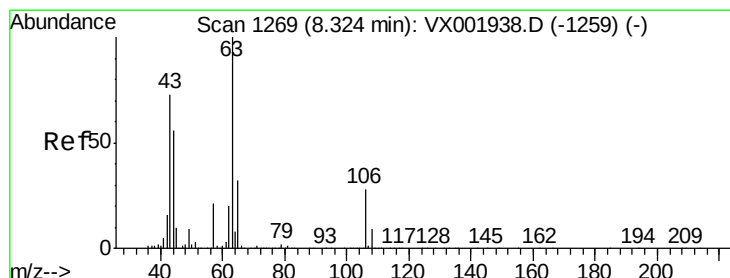
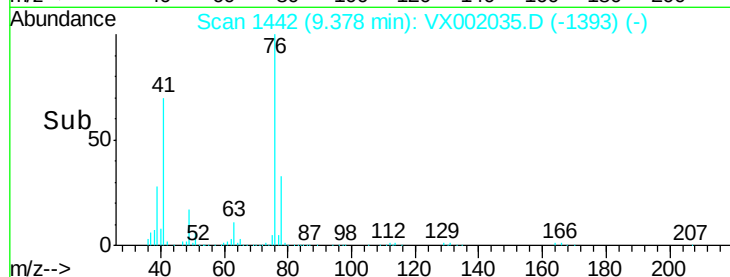
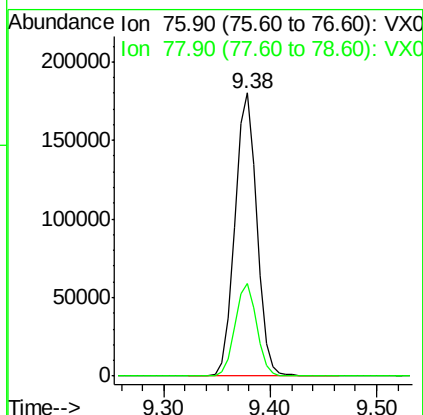
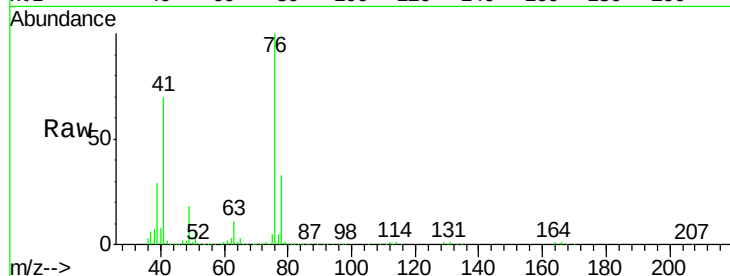




#57
 1,3-Dichloropropane
 Concen: 49.47 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

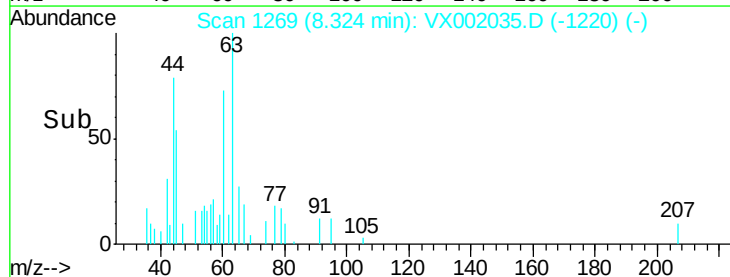
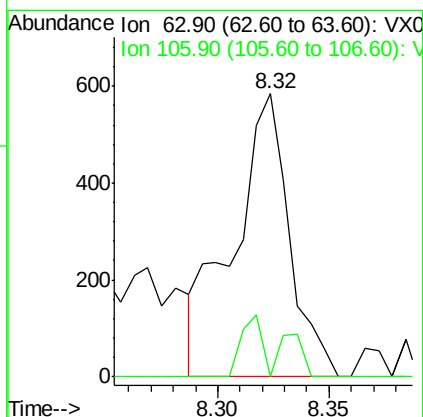
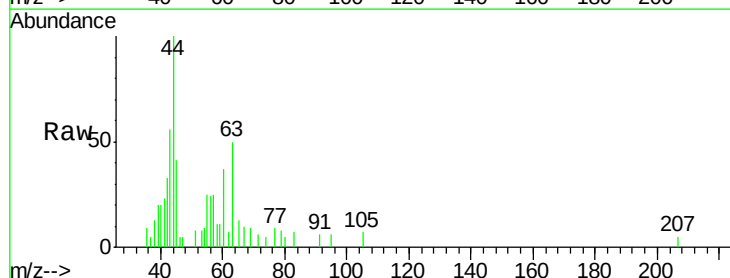
Instrument :
 MSVOA_X
 ClientSampleId :

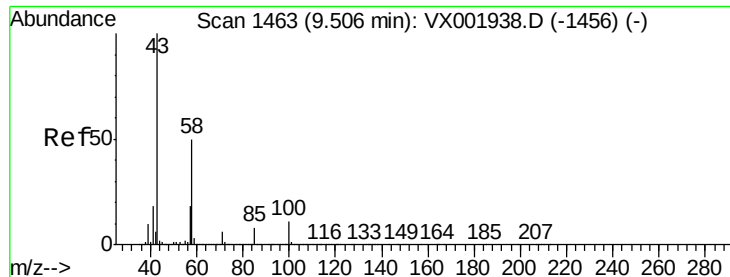
Tot Ion: 76 Resp: 260984
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.42 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion: 63 Resp: 1025
 Ion Ratio Lower Upper
 63 100
 106 8.1 21.7 32.5#

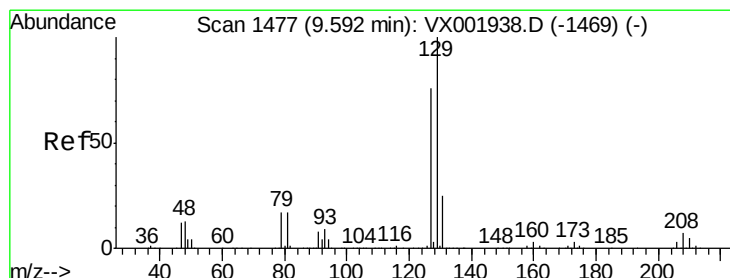
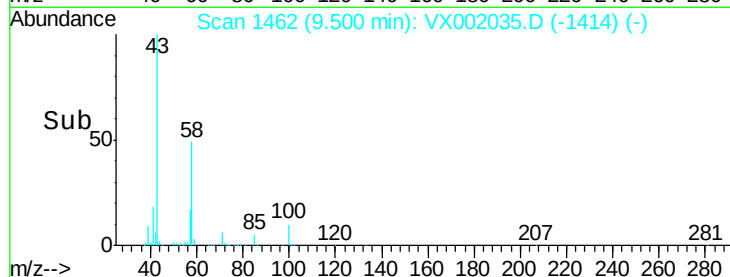
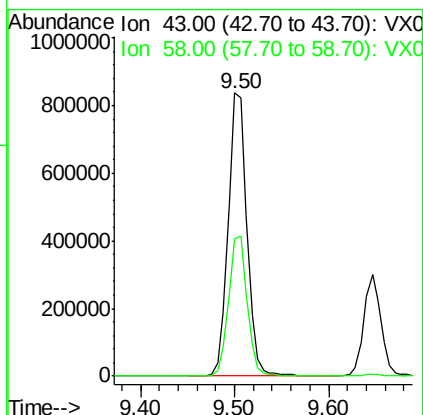
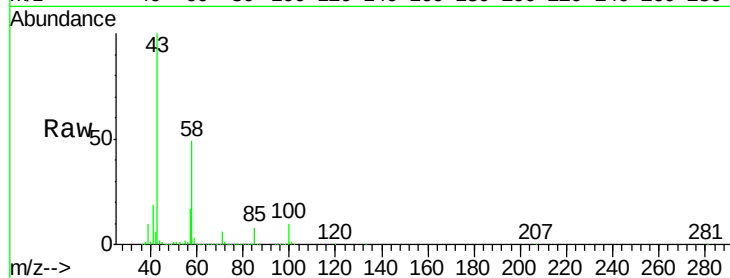




#59
2-Hexanone
Concen: 279.01 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

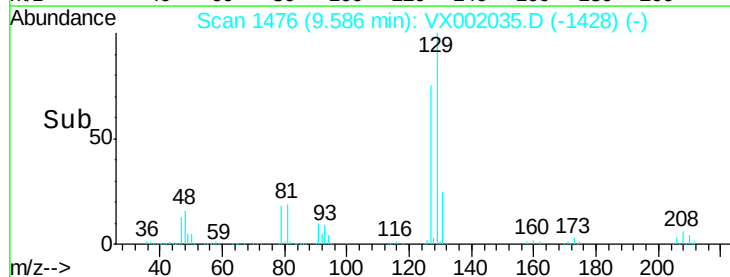
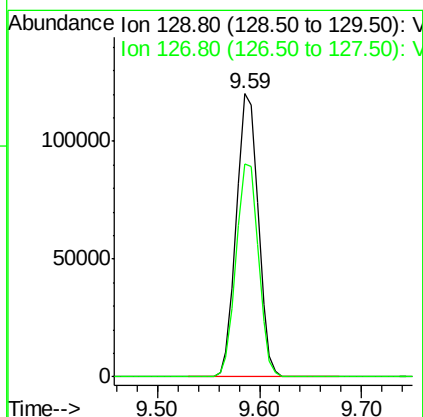
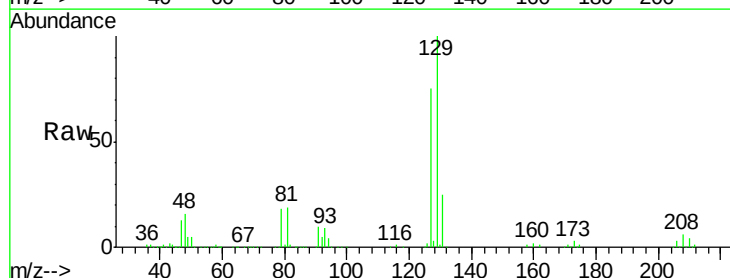
Instrument :
MSVOA_X
ClientSampleId :

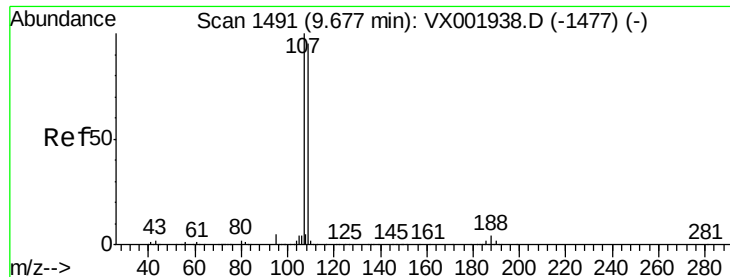
Tot Ion: 43 Resp: 1158280
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6



#60
Dibromochloromethane
Concen: 46.90 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion: 129 Resp: 177893
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 49.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

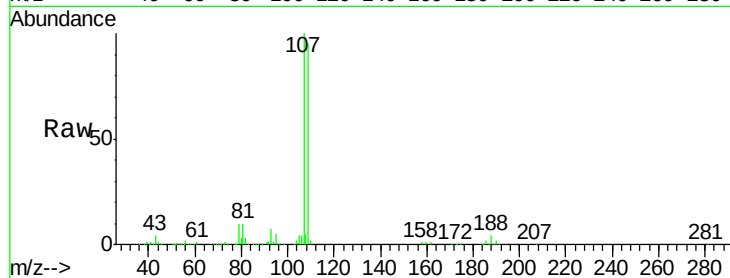
ClientSampled :

Tot Ion:107 Resp: 166565

Ion Ratio Lower Upper

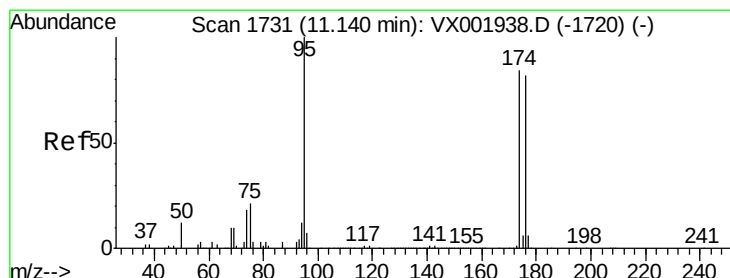
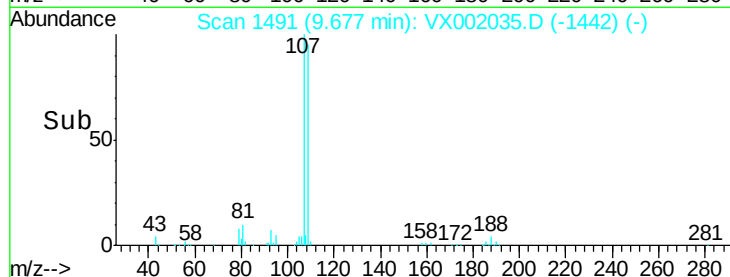
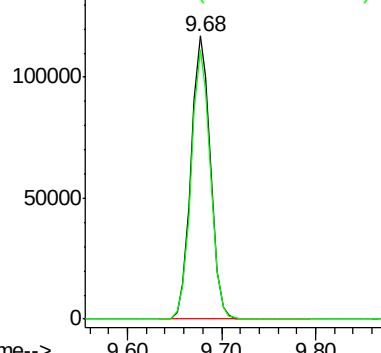
107 100

109 94.7 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: 45.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

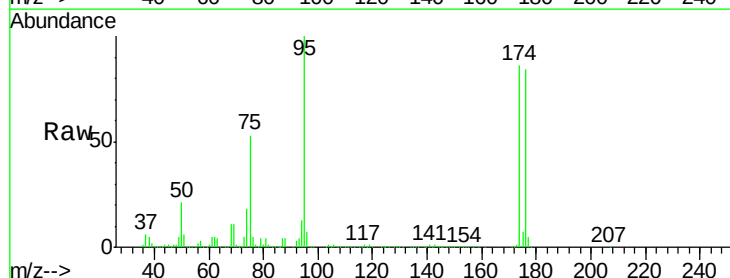
Tgt Ion: 95 Resp: 190815

Ion Ratio Lower Upper

95 100

174 92.1 0.0 178.8

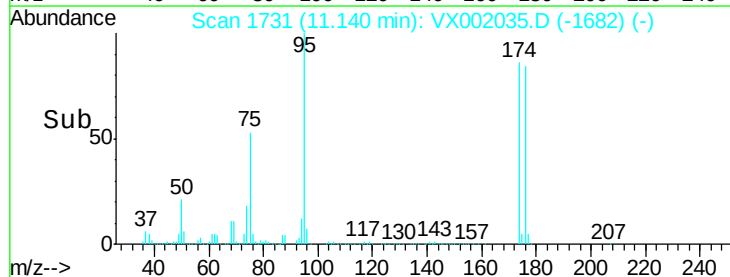
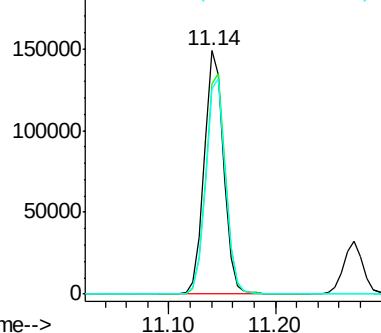
176 89.8 0.0 175.6

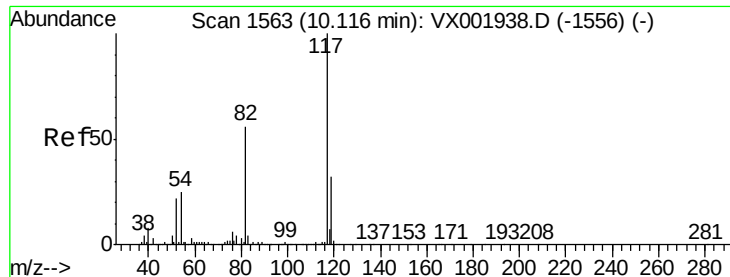


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

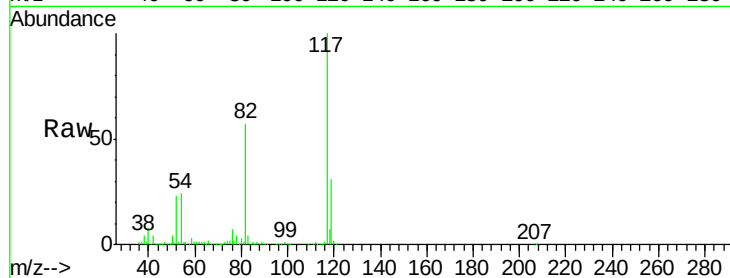
Tot Ion:117 Resp: 277694

Ion Ratio Lower Upper

117 100

82 56.5 44.8 67.2

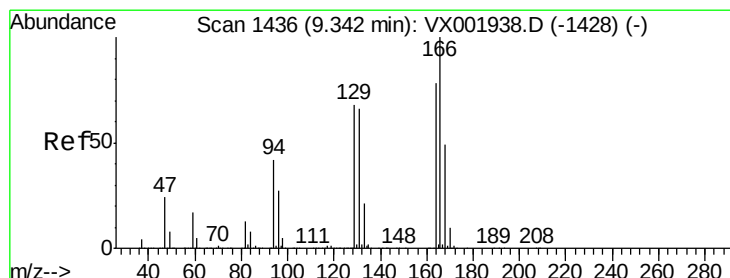
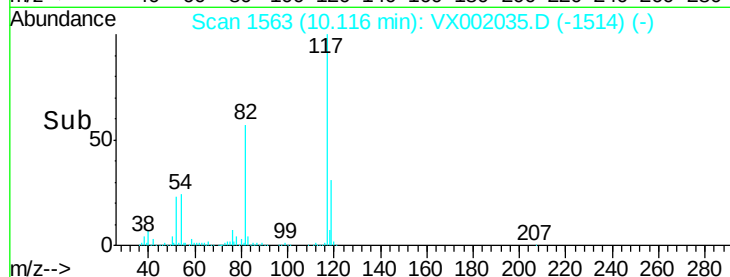
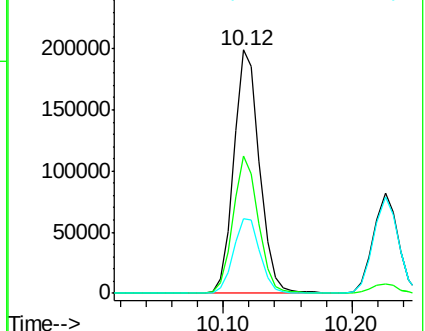
119 30.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.50 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Tgt Ion:164 Resp: 185127

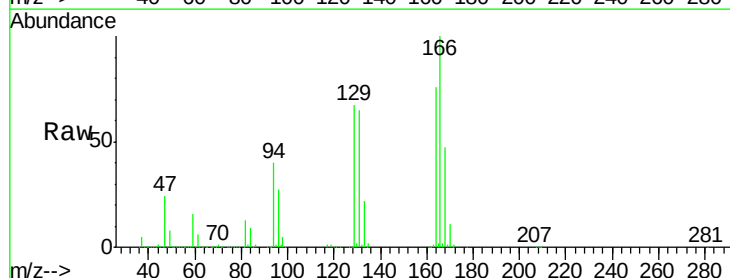
Ion Ratio Lower Upper

164 100

166 131.1 102.7 154.1

129 88.2 70.3 105.5

131 85.2 68.2 102.4

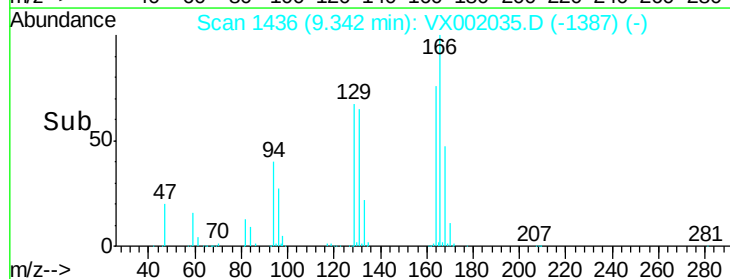
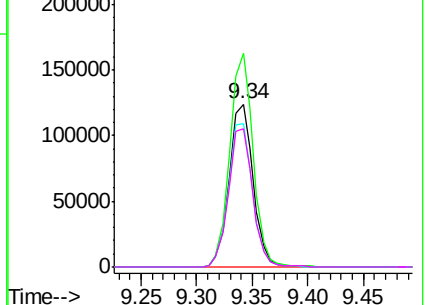


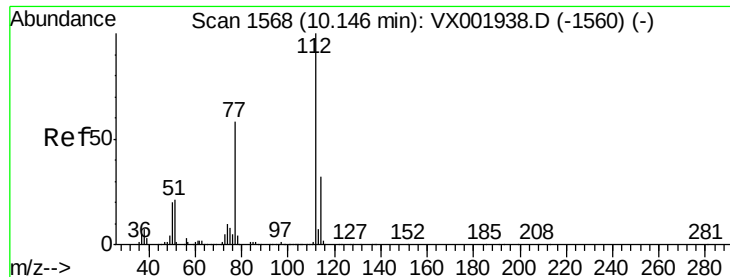
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

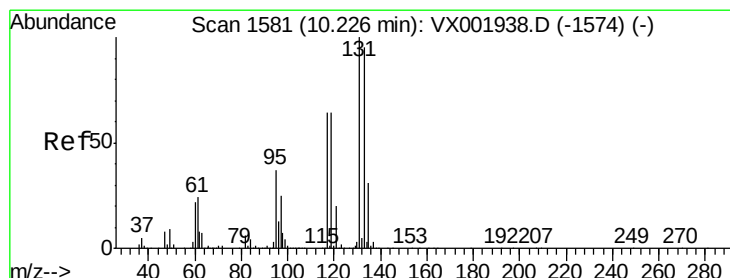
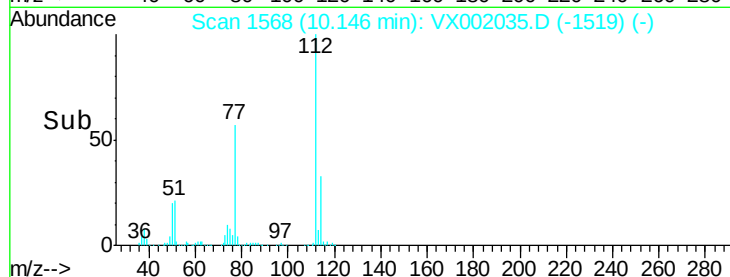
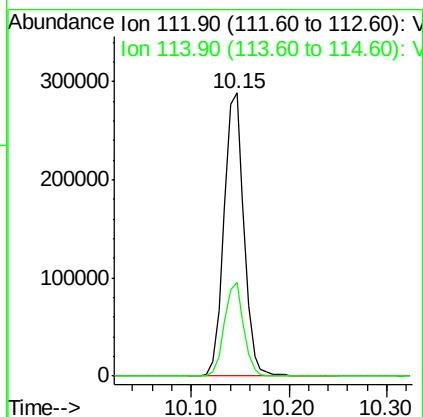
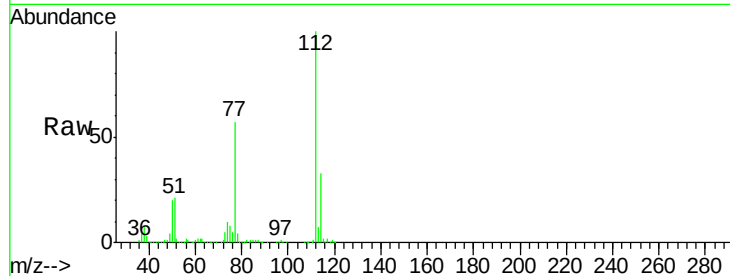




#65
Chlorobenzene
Concen: 46.40 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

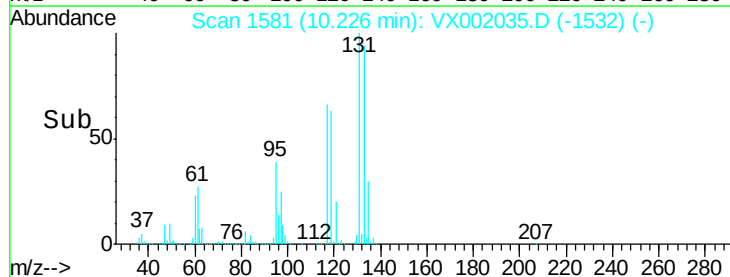
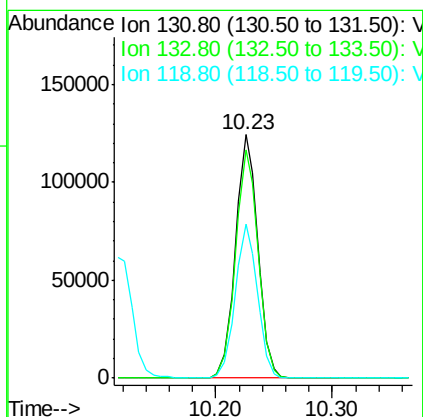
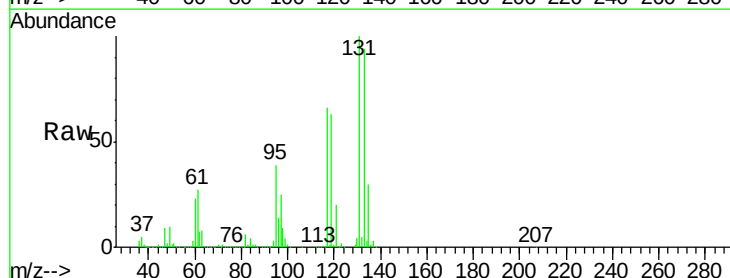
Instrument :
MSVOA_X
ClientSampleId :

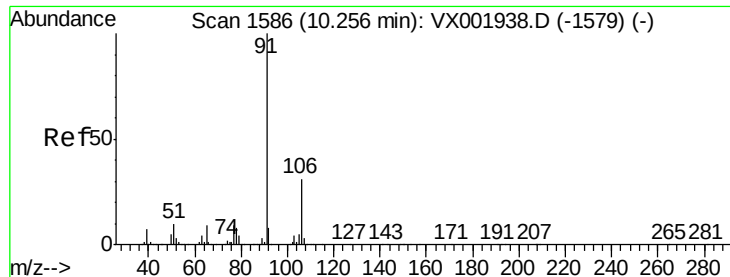
Tot Ion:112 Resp: 408215
Ion Ratio Lower Upper
112 100
114 33.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 46.78 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion:131 Resp: 166186
Ion Ratio Lower Upper
131 100
133 94.6 48.0 144.0
119 63.2 31.9 95.5





#67

Ethyl Benzene

Concen: 45.12 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

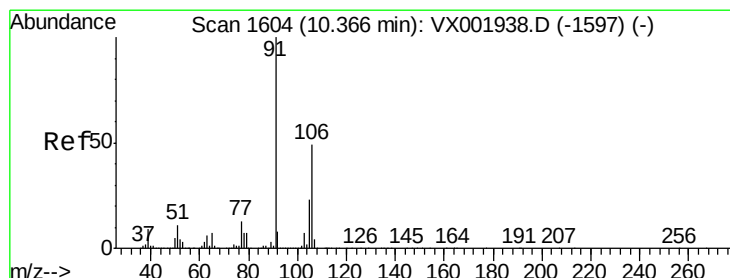
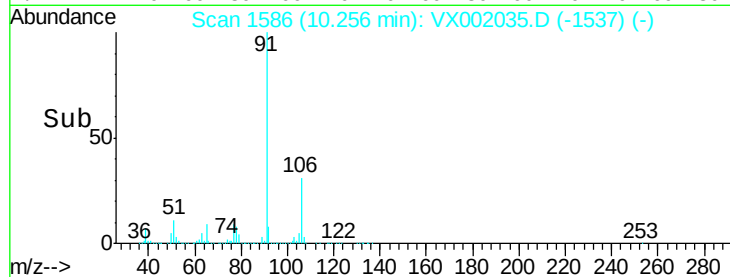
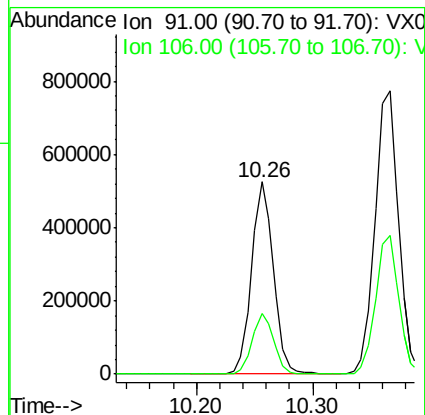
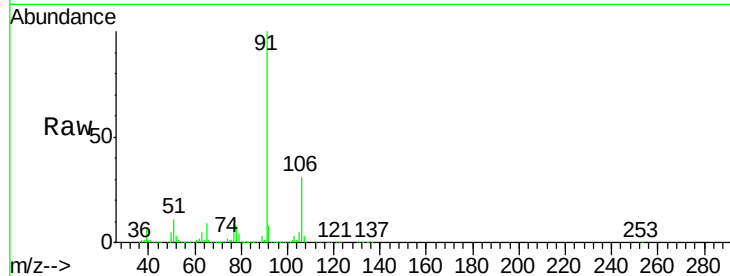
ClientSampled :

Tot Ion: 91 Resp: 689683

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6



#68

m/p-Xylenes

Concen: 90.73 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002035.D

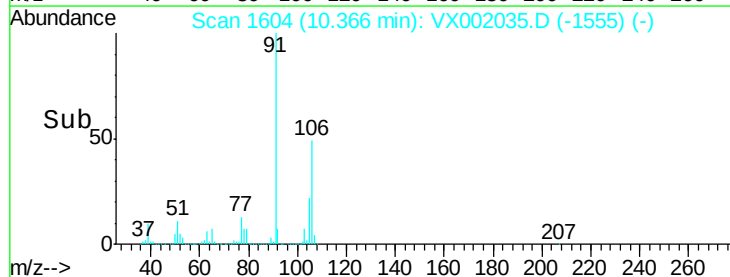
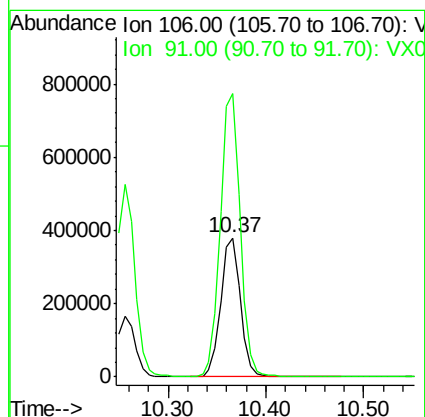
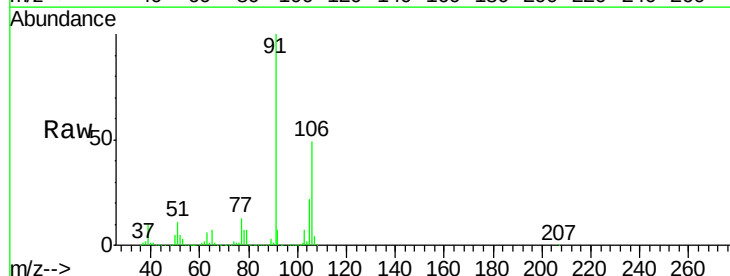
Acq: 26 May 2018 22:33

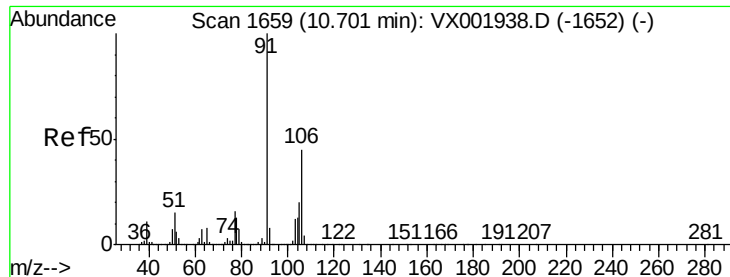
Tgt Ion: 106 Resp: 530150

Ion Ratio Lower Upper

106 100

91 207.1 165.0 247.6

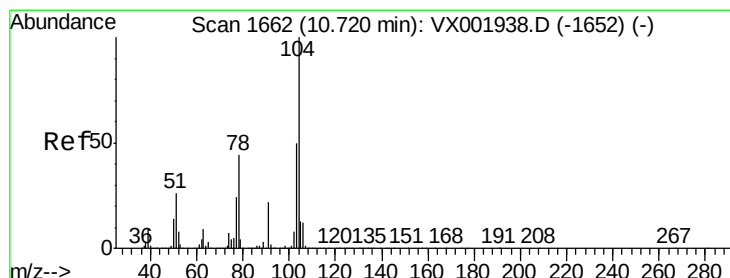
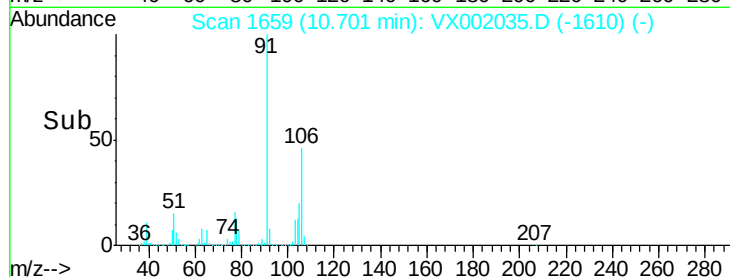
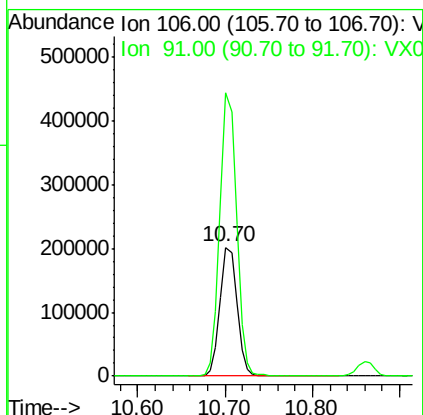
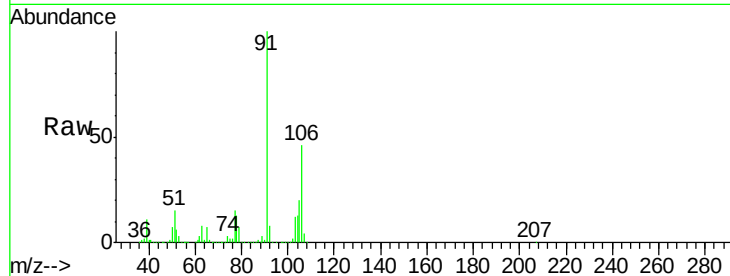




#69
o-Xylene
Concen: 46.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

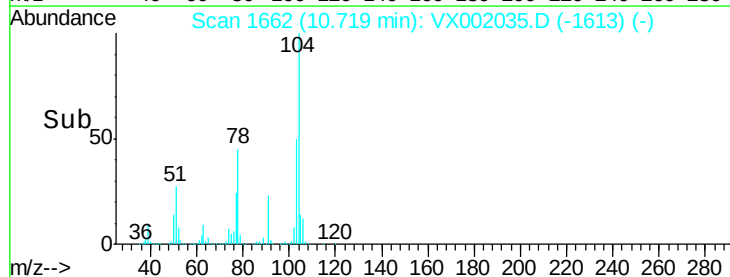
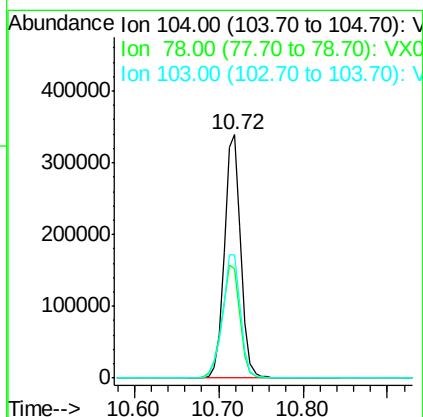
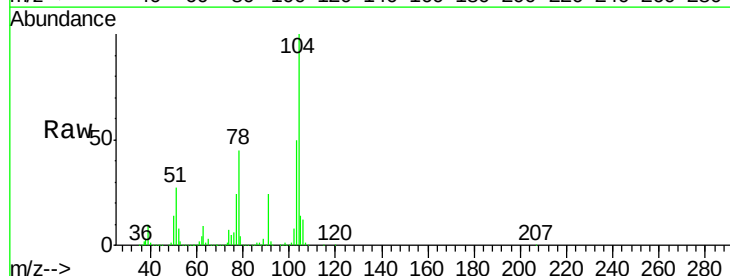
Instrument :
MSVOA_X
ClientSampleId :

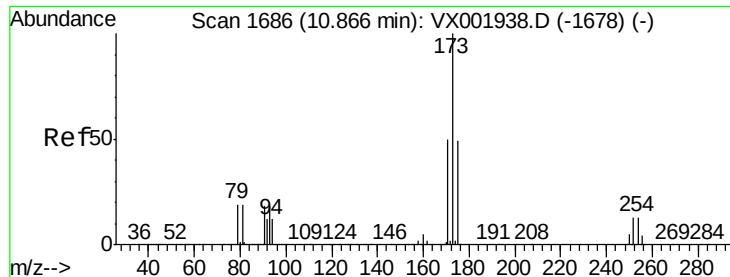
Tot Ion:106 Resp: 272090
Ion Ratio Lower Upper
106 100
91 217.4 108.7 325.9



#70
Styrene
Concen: 46.86 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion:104 Resp: 453457
Ion Ratio Lower Upper
104 100
78 51.8 41.8 62.6
103 55.6 44.6 67.0

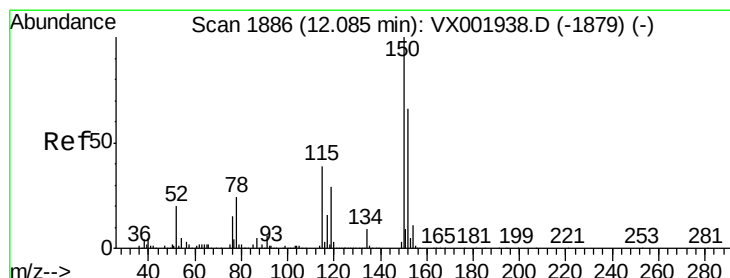
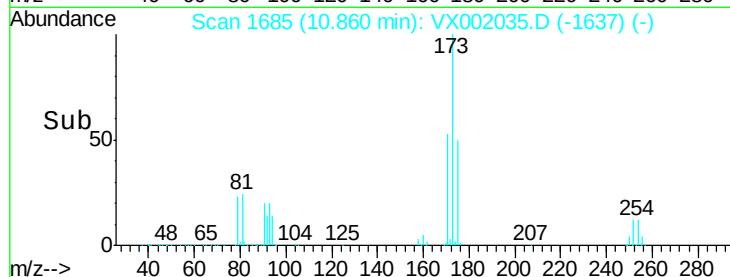
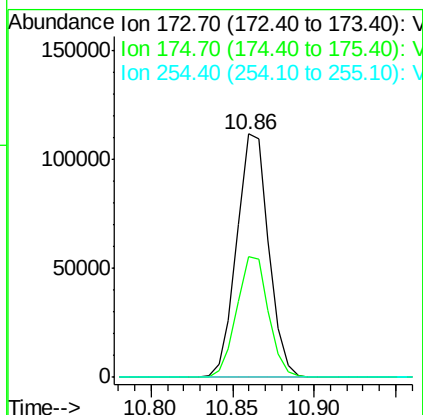
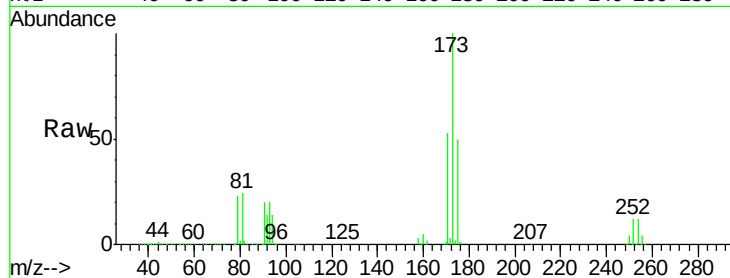




#71
Bromoform
Concen: 45.22 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

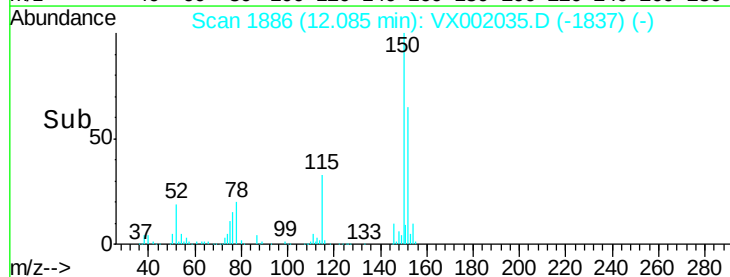
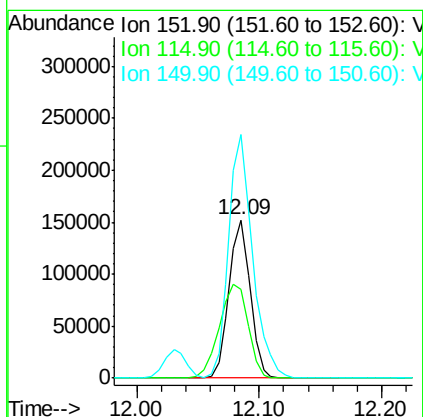
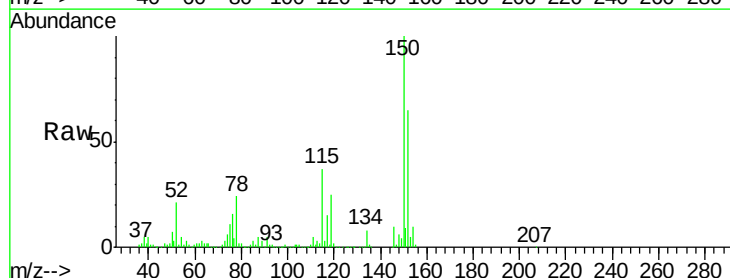
Instrument :
MSVOA_X
ClientSampled :

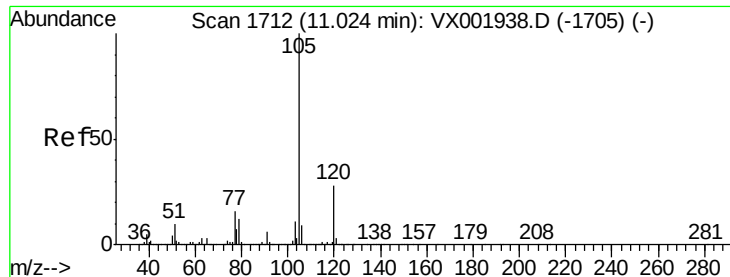
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.3	72.9
254	0.2	0.1	0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.6	42.3	126.8
150	173.6	0.0	351.0





#73

Isopropylbenzene

Concen: 45.02 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

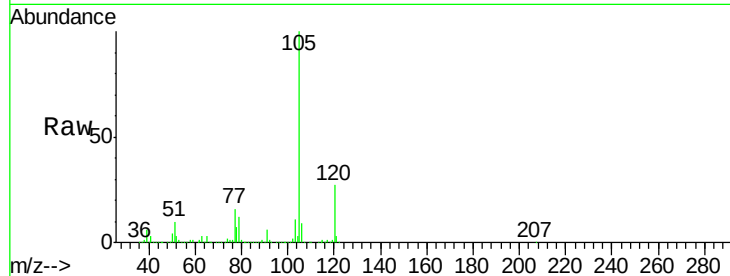
ClientSampleId :

Tot Ion:105 Resp: 695955

Ion Ratio Lower Upper

105 100

120 27.0 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

500000

400000

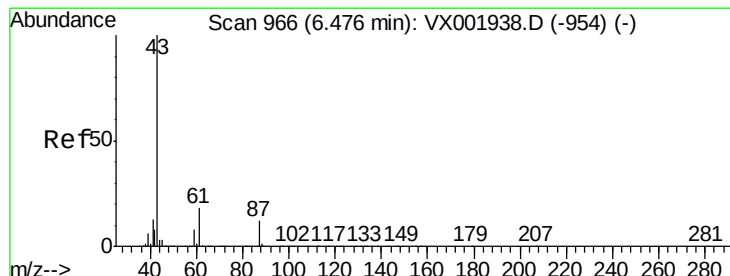
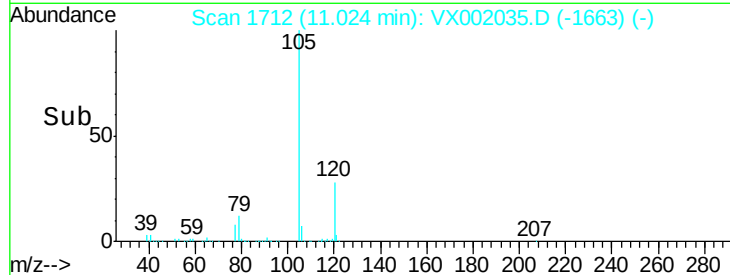
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 56.35 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Tgt Ion: 43 Resp: 448670

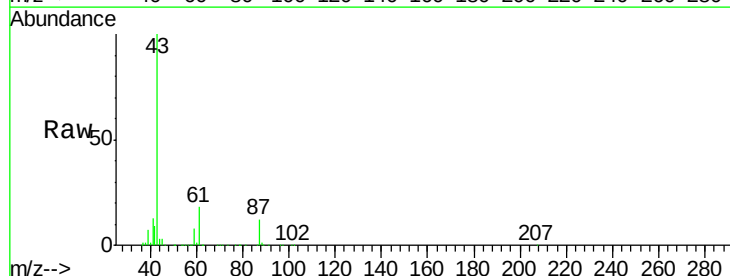
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 17.9 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

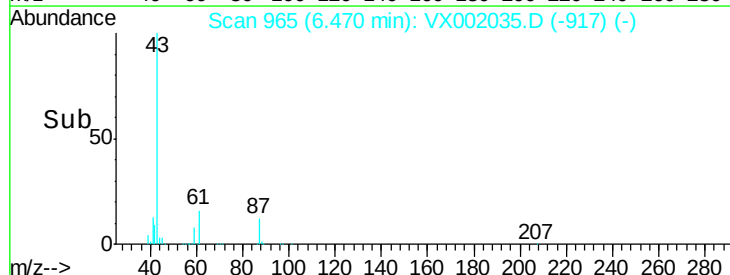
150000

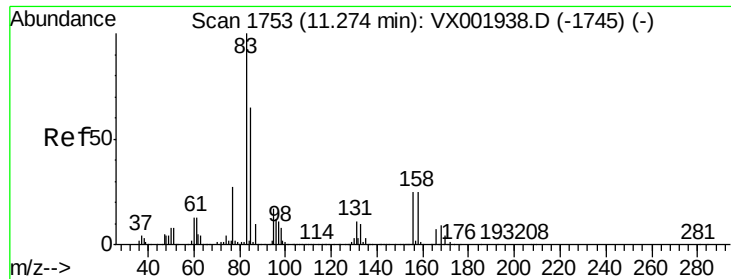
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 57.71 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

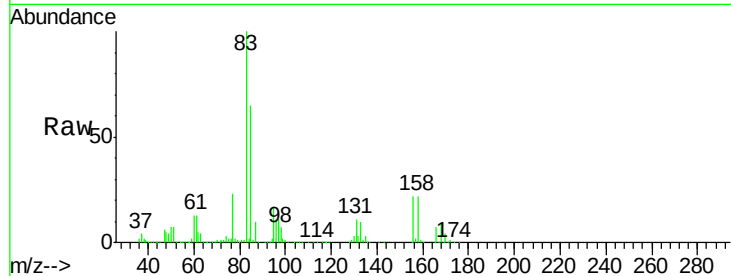
Tot Ion: 83 Resp: 243165

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.0

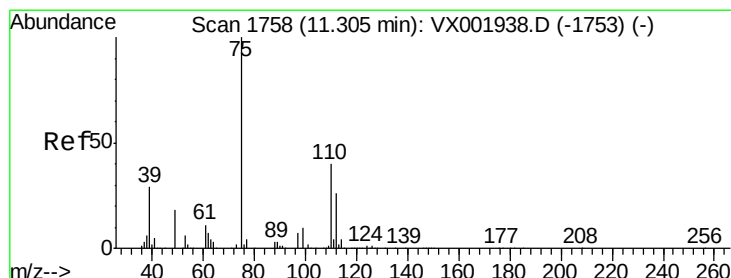
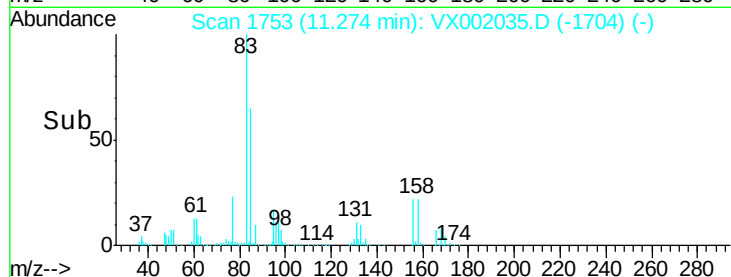
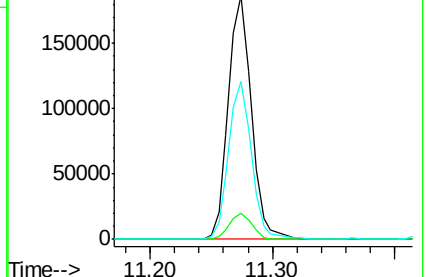
85 64.3 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.02 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX002035.D

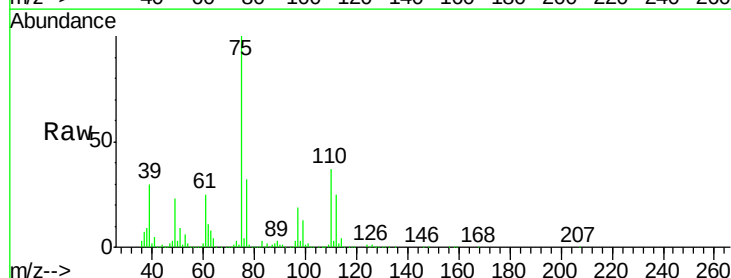
Acq: 26 May 2018 22:33

Tgt Ion: 75 Resp: 307043

Ion Ratio Lower Upper

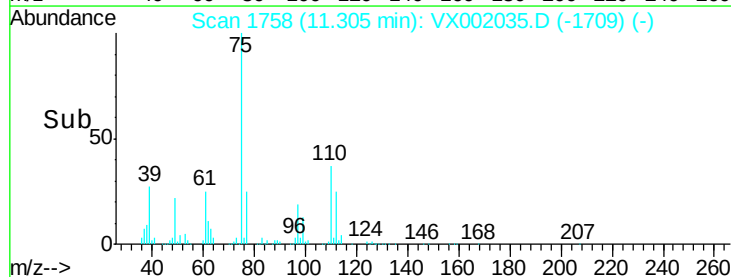
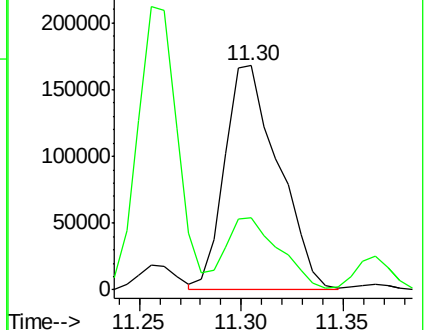
75 100

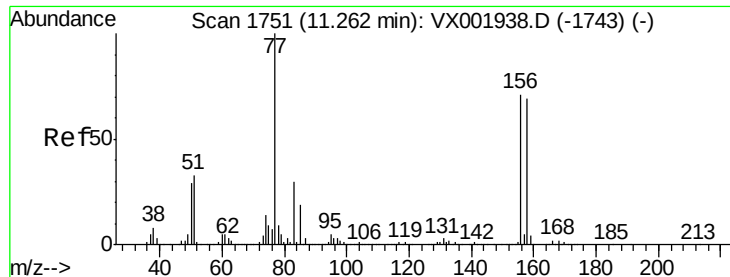
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.96 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

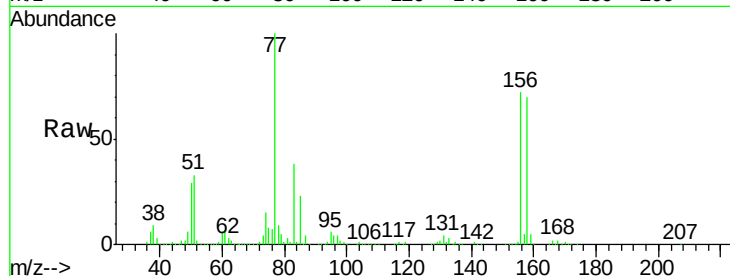
Tot Ion:156 Resp: 196694

Ion Ratio Lower Upper

156 100

77 144.9 75.2 225.6

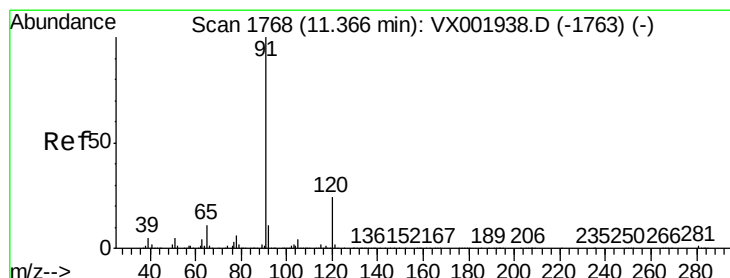
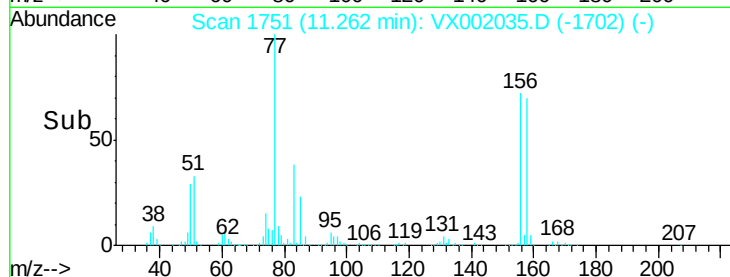
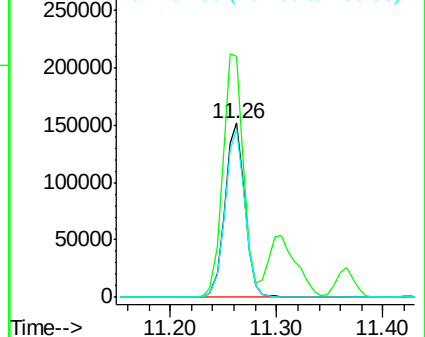
158 96.9 48.6 145.8



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: 44.16 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002035.D

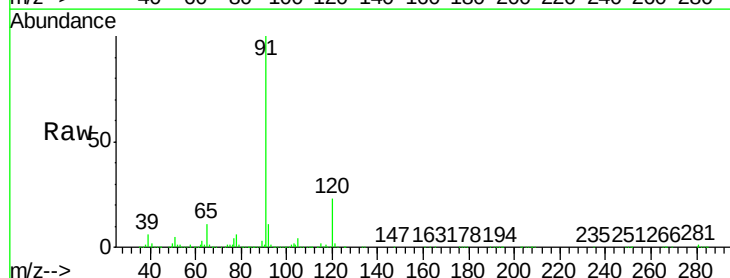
Acq: 26 May 2018 22:33

Tgt Ion: 91 Resp: 764620

Ion Ratio Lower Upper

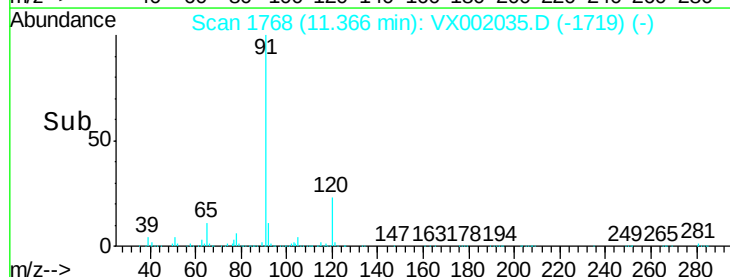
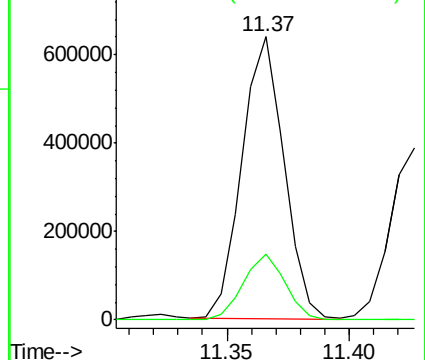
91 100

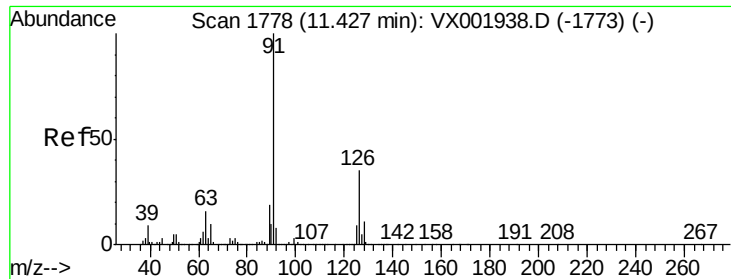
120 23.4 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.06 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

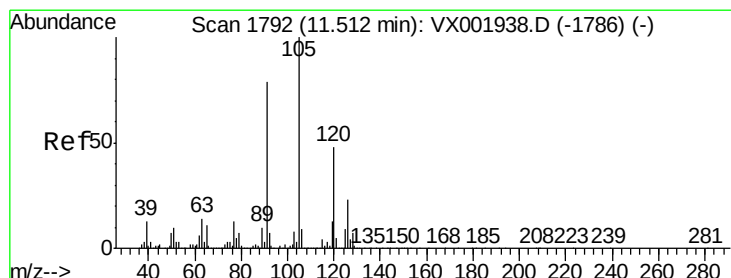
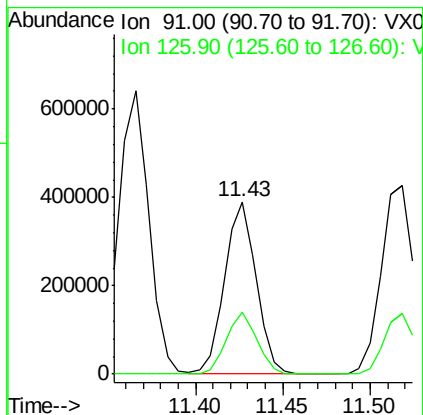
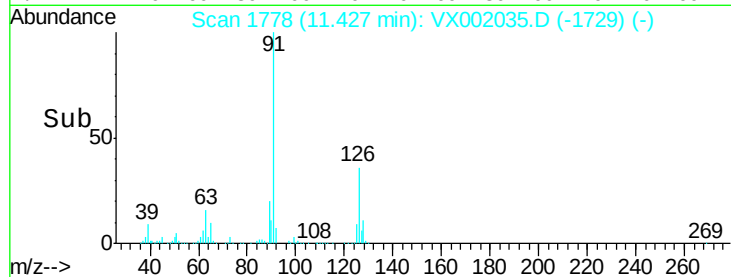
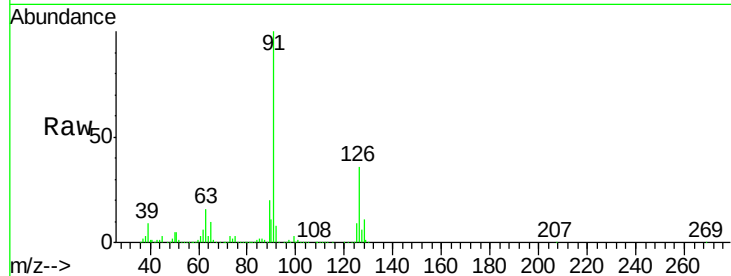
ClientSampleId :

Tot Ion: 91 Resp: 484499

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 44.78 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002035.D

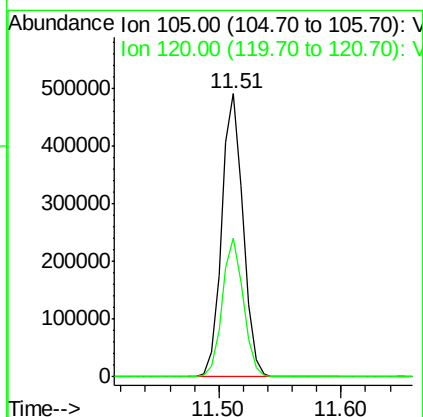
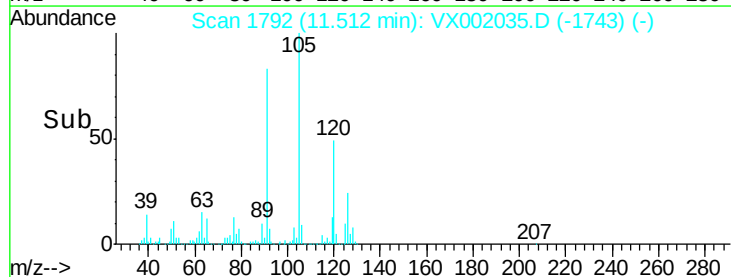
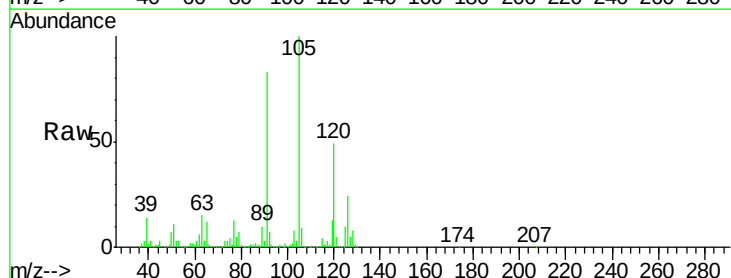
Acq: 26 May 2018 22:33

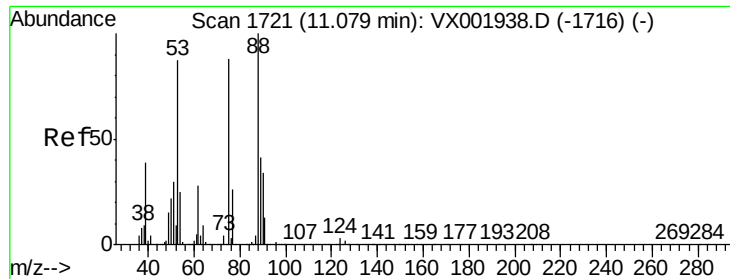
Tgt Ion: 105 Resp: 591546

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 41.89 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampled :

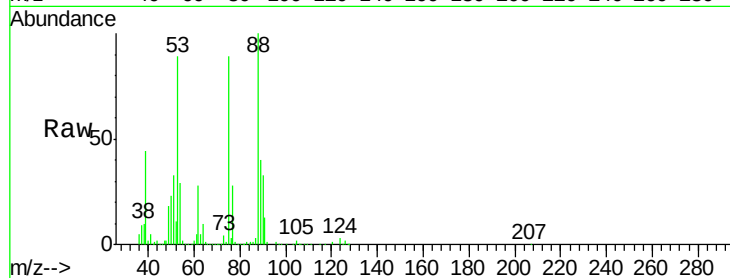
Tot Ion: 75 Resp: 76424

Ion Ratio Lower Upper

75 100

53 102.5 78.0 117.0

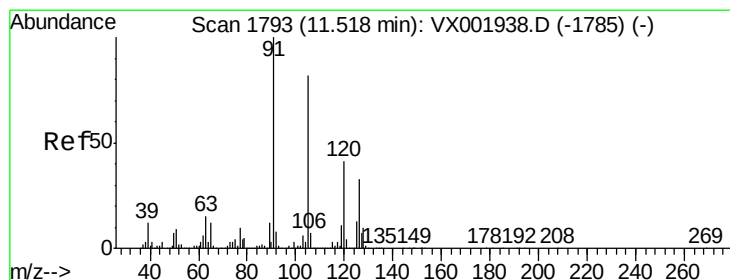
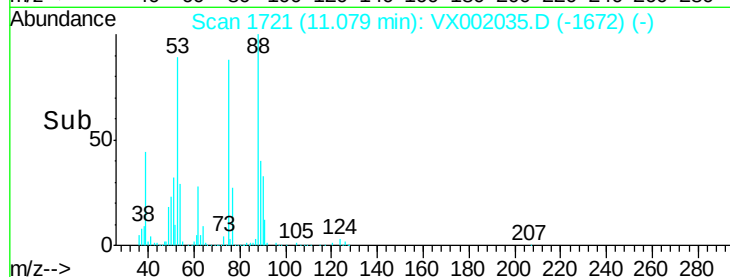
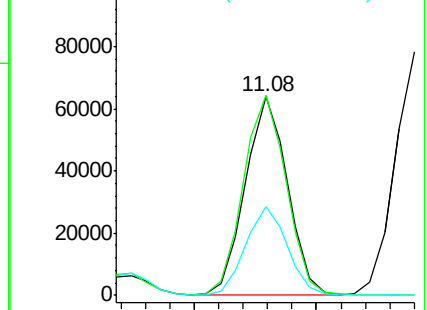
89 44.6 39.4 59.2



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: 45.24 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX002035.D

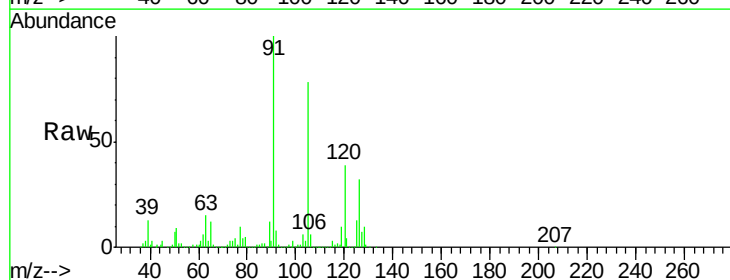
Acq: 26 May 2018 22:33

Tgt Ion: 91 Resp: 552514

Ion Ratio Lower Upper

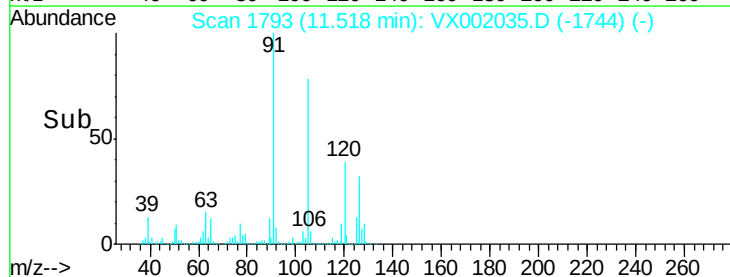
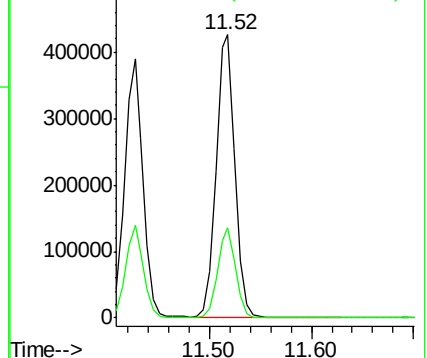
91 100

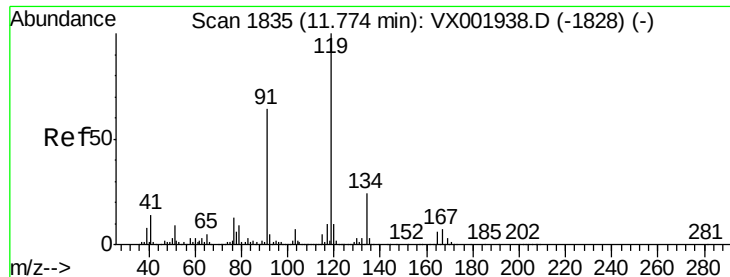
126 30.5 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

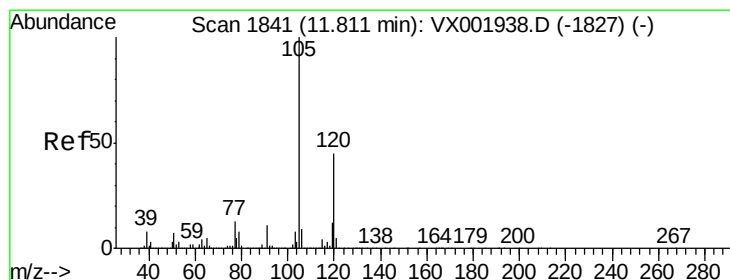
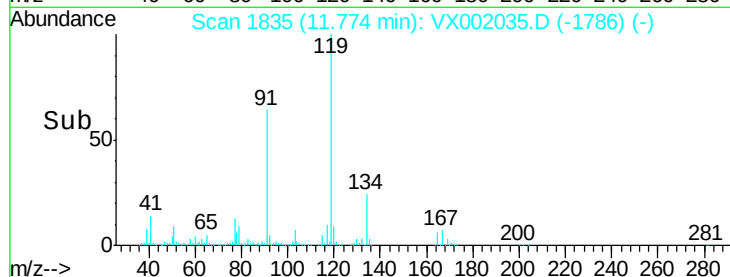
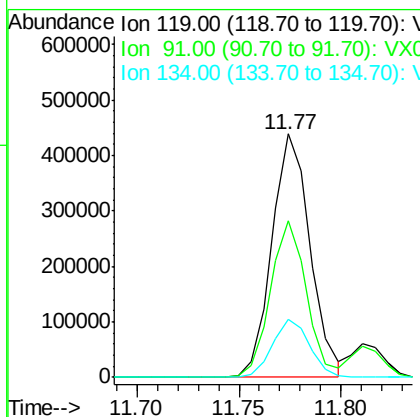
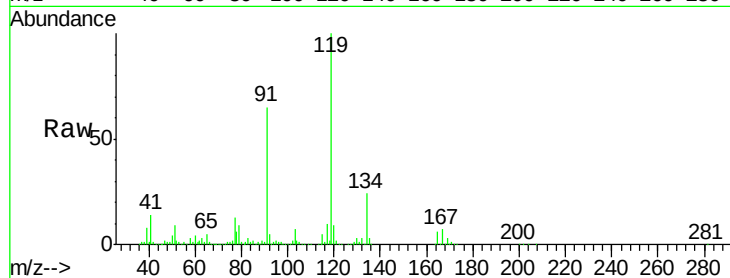




#83
 tert-Butylbenzene
 Concen: 44.24 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

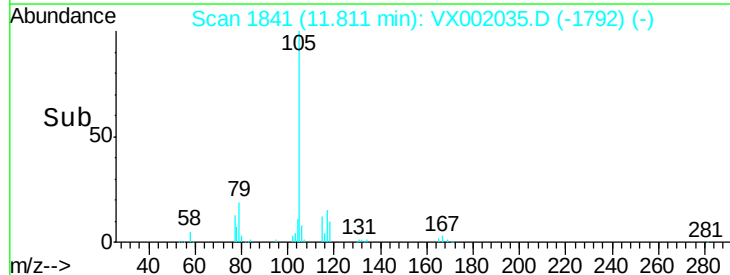
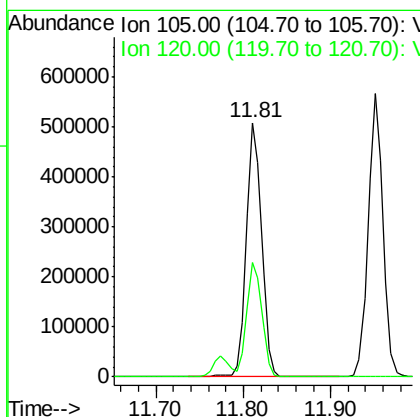
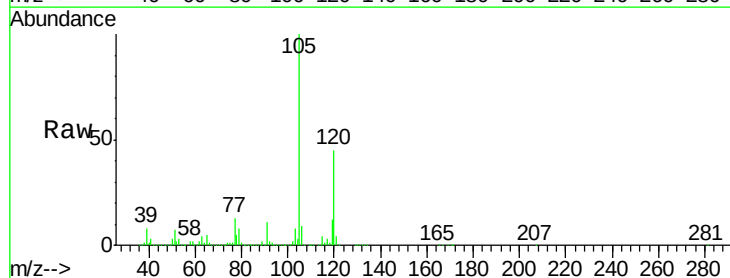
Instrument :
 MSVOA_X
 ClientSampled :

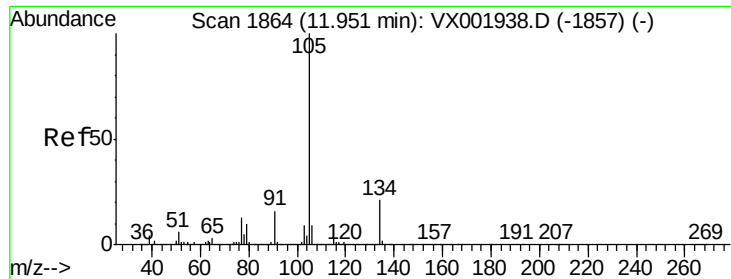
Tot Ion:119 Resp: 573543
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.6 91.8
 134 23.4 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 45.09 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion:105 Resp: 615656
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 43.25 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

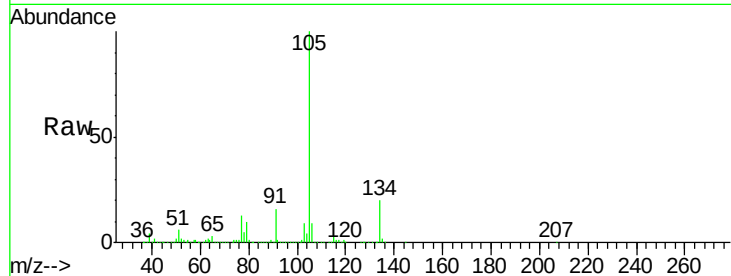
ClientSampleId :

Tot Ion:105 Resp: 673957

Ion Ratio Lower Upper

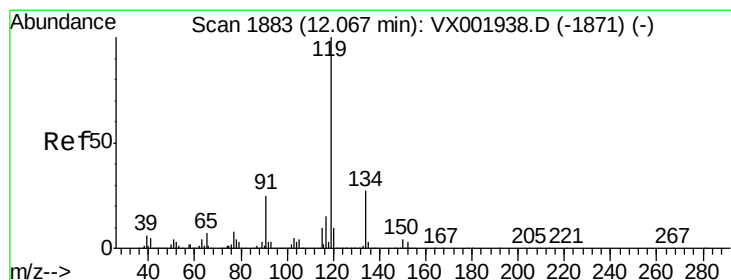
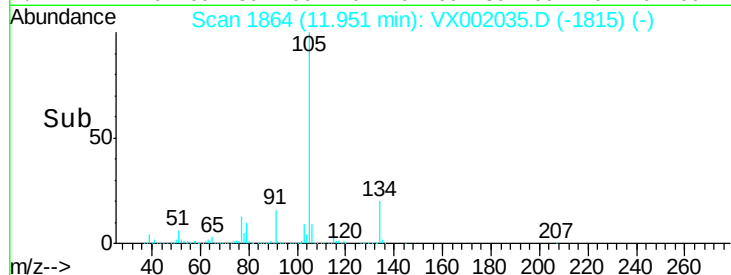
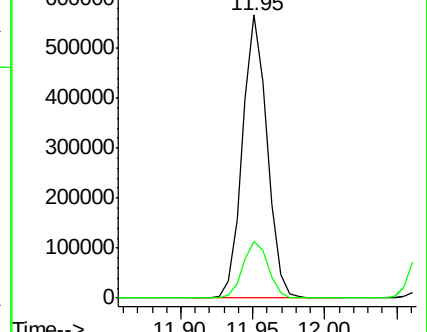
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 43.09 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

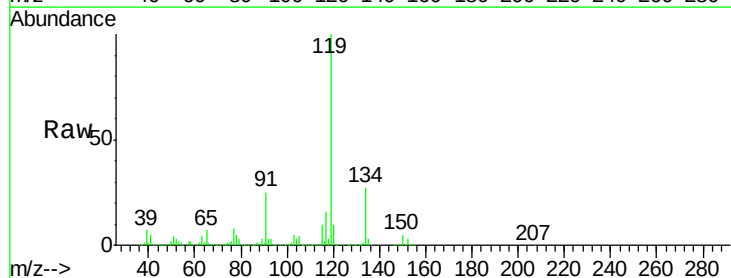
Tgt Ion:119 Resp: 600944

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

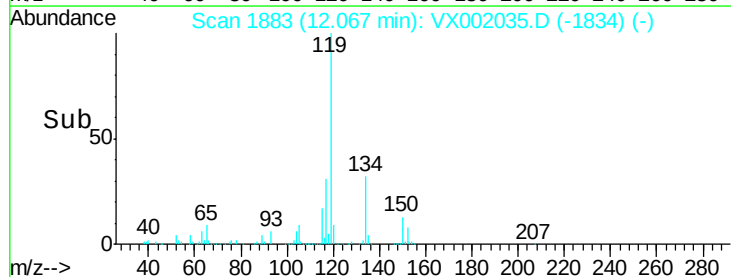
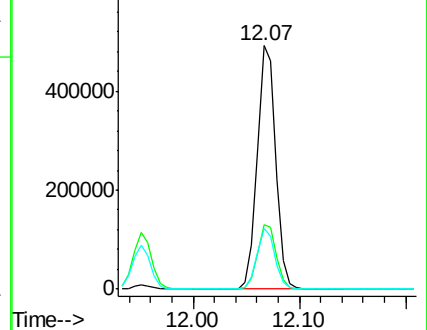
91 24.1 12.2 36.4

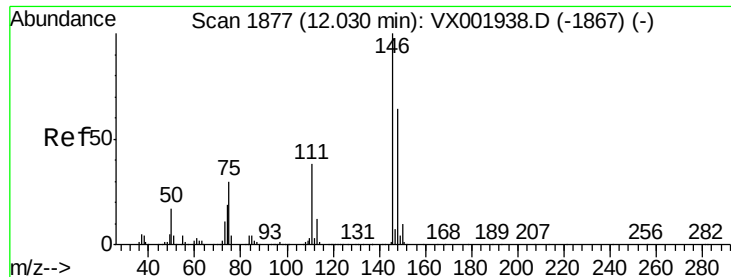


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

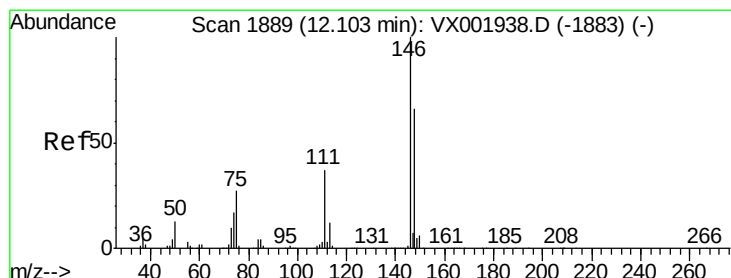
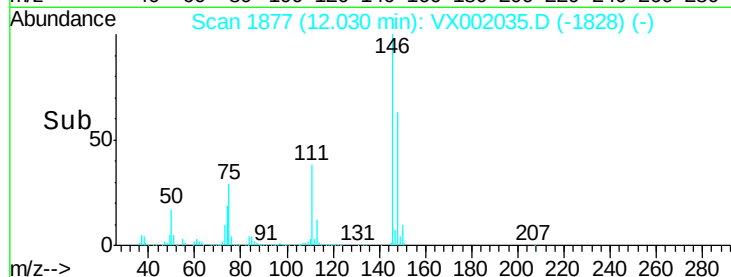
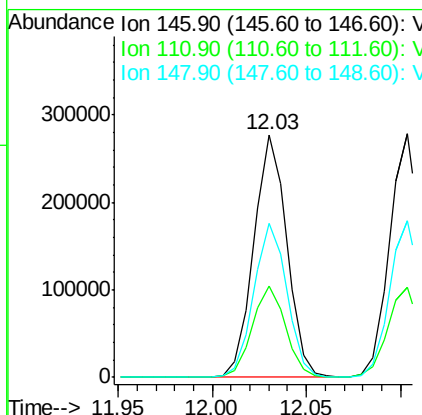
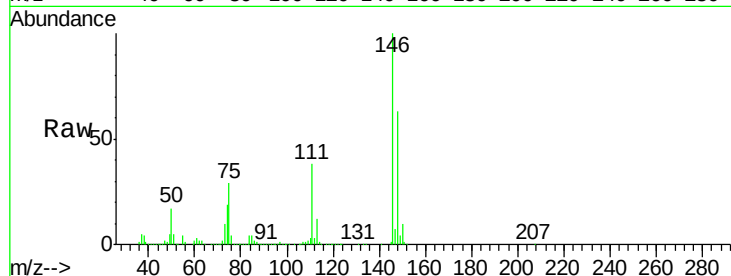




#87
 1,3-Dichlorobenzene
 Concen: 45.93 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

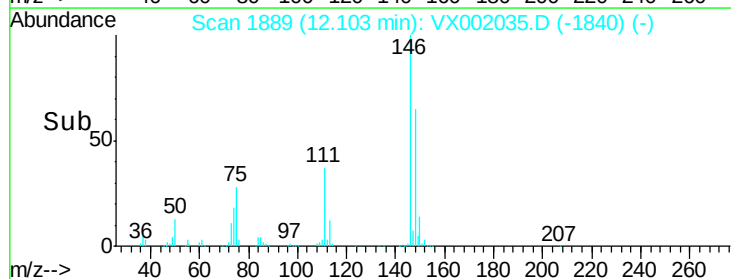
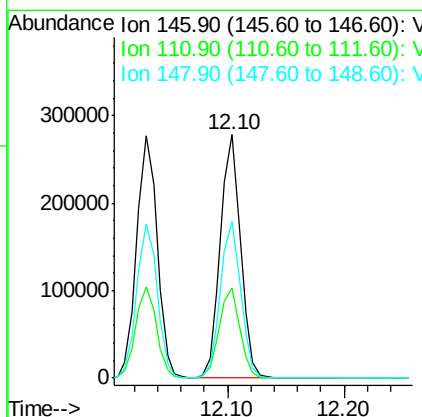
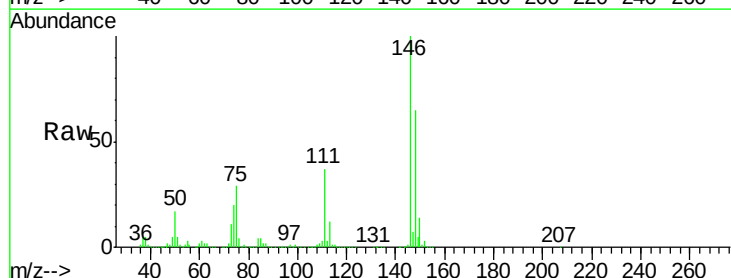
Instrument :
 MSVOA_X
 ClientSampleId :

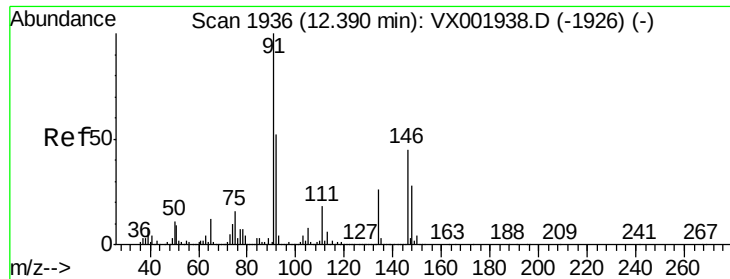
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.8
148	63.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 45.51 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	65.1	32.3	96.8





#89

n-Butylbenzene

Concen: 40.80 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

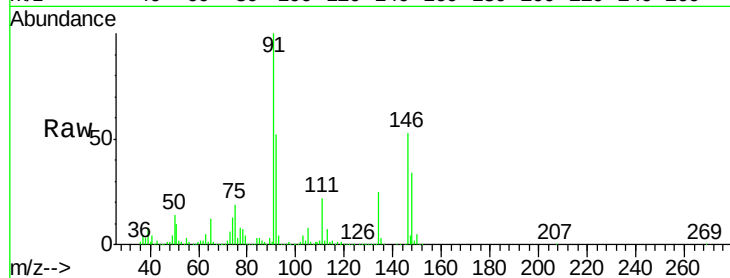
Tot Ion: 91 Resp: 482070

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.9

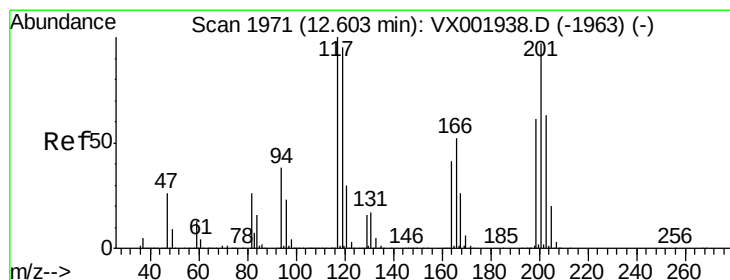
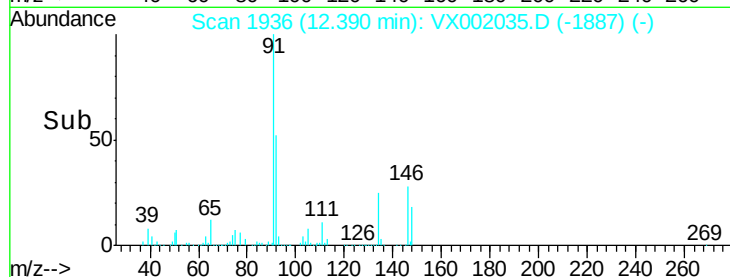
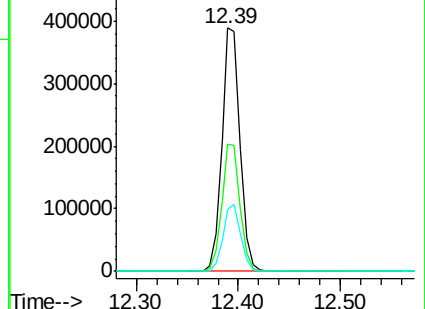
134 26.7 13.6 40.7



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: 40.88 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002035.D

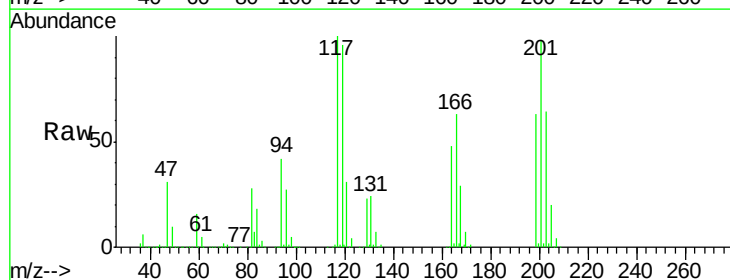
Acq: 26 May 2018 22:33

Tgt Ion: 117 Resp: 112458

Ion Ratio Lower Upper

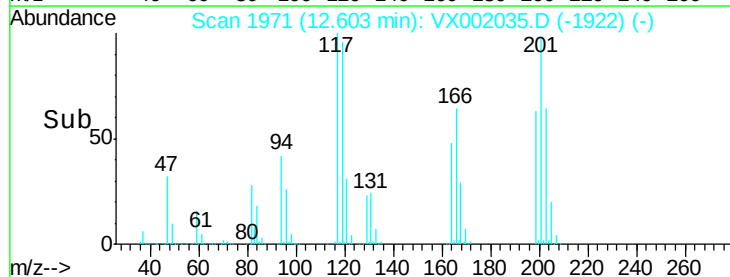
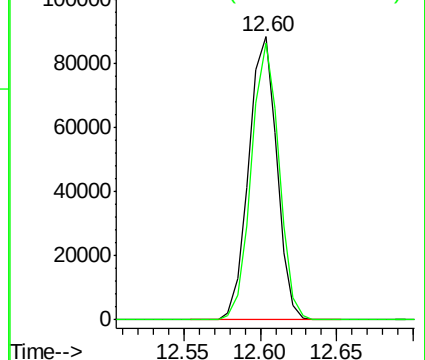
117 100

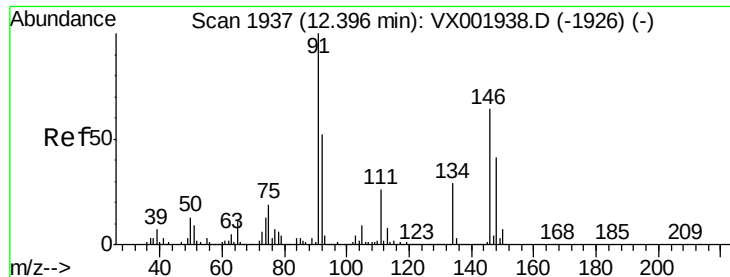
201 96.4 48.0 144.0



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: 48.14 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

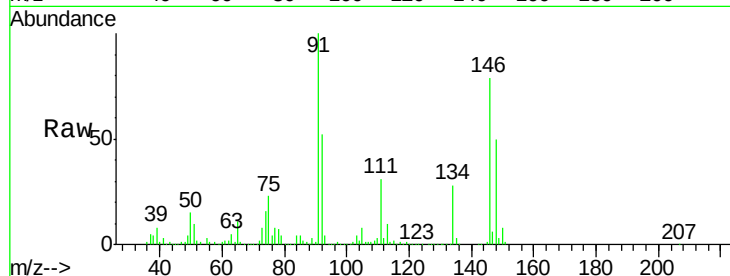
Tot Ion:146 Resp: 360314

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.3

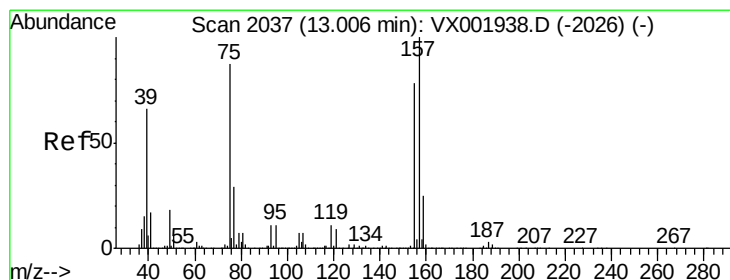
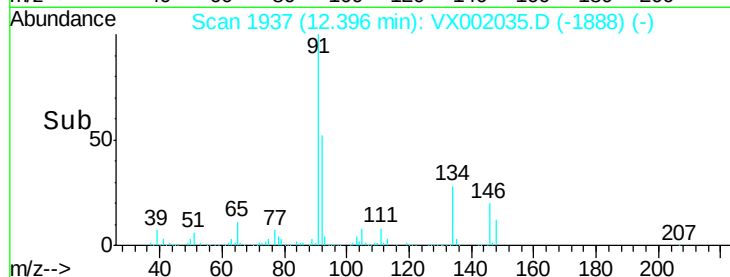
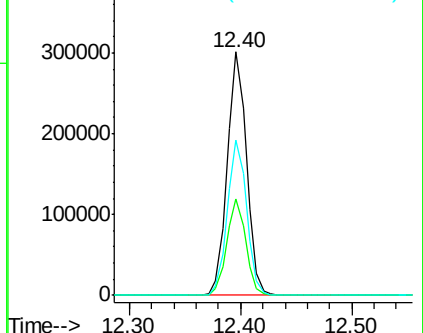
148 64.0 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.88 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

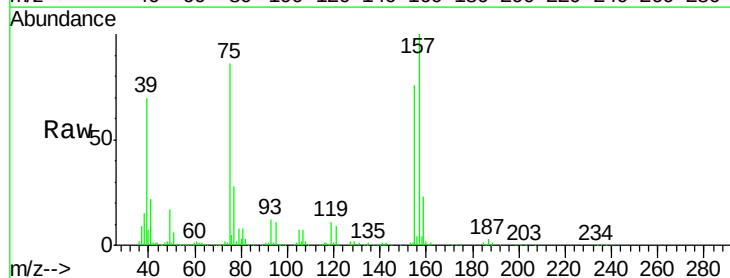
Tgt Ion: 75 Resp: 68553

Ion Ratio Lower Upper

75 100

155 91.3 45.1 135.2

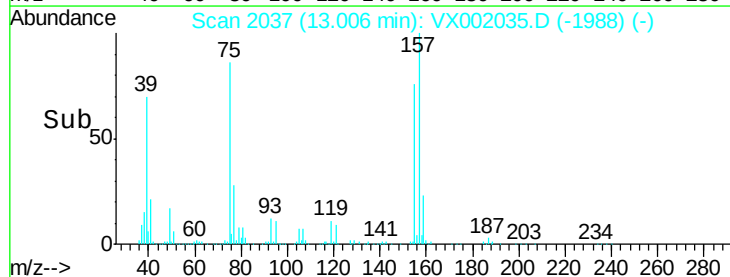
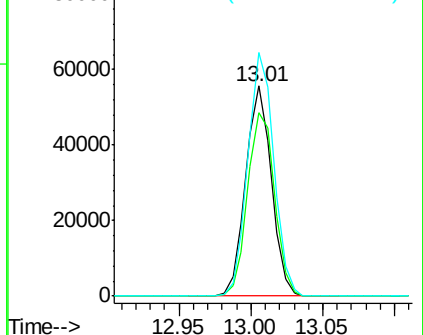
157 117.0 58.1 174.2

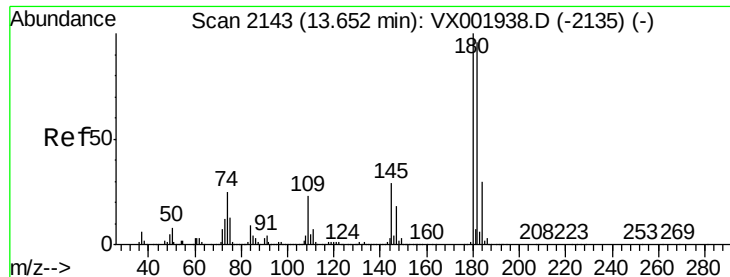


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

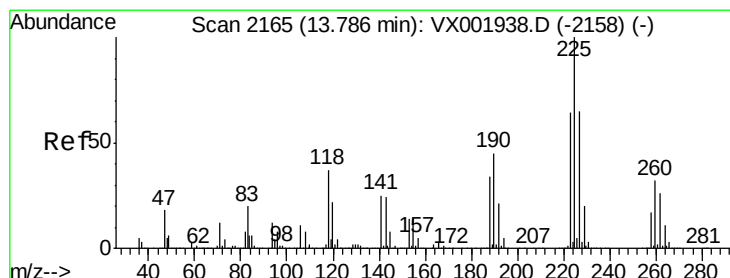
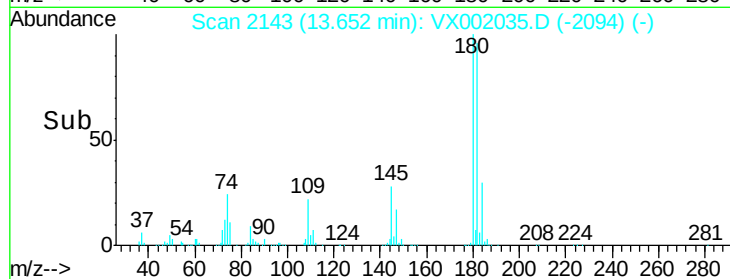
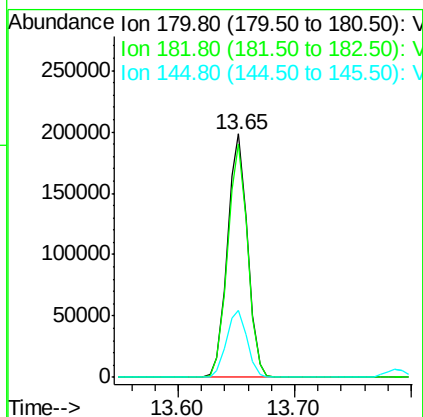
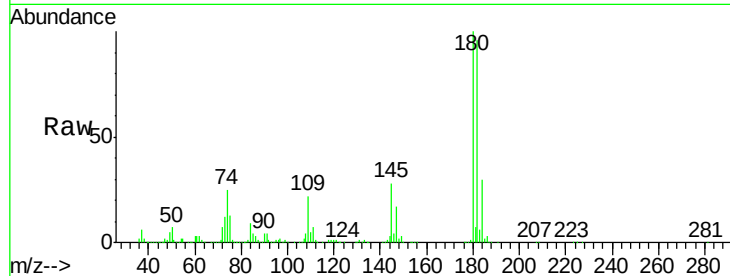




#93
 1,2,4-Trichlorobenzene
 Concen: 44.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

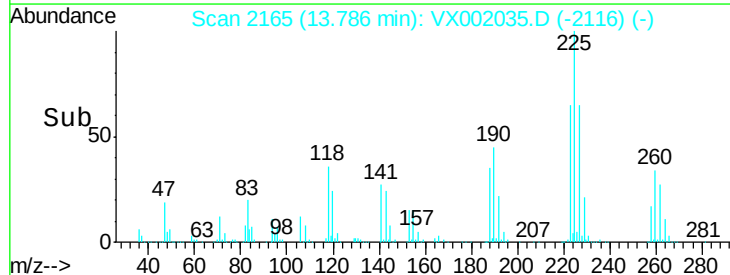
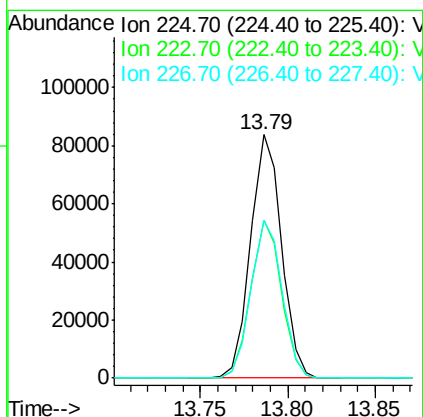
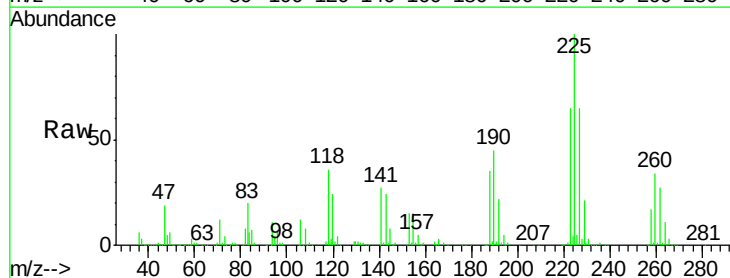
Instrument :
 MSVOA_X
 ClientSampleId :

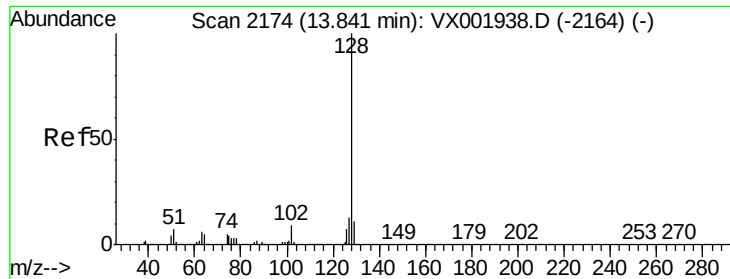
Tot Ion:180 Resp: 236082
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.7 143.1
 145 28.1 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 35.80 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion:225 Resp: 103070
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.1 93.5
 227 65.0 32.1 96.5





#95

Naphthalene

Concen: 49.97 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

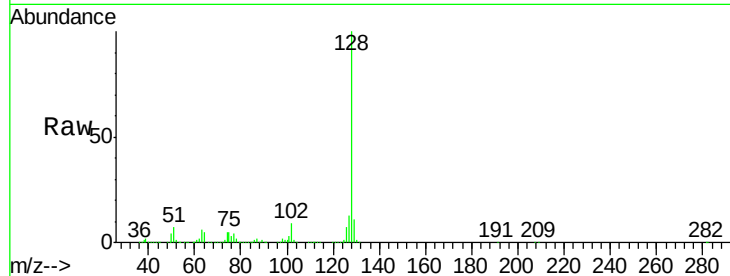
Tot Ion:128 Resp: 823961

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

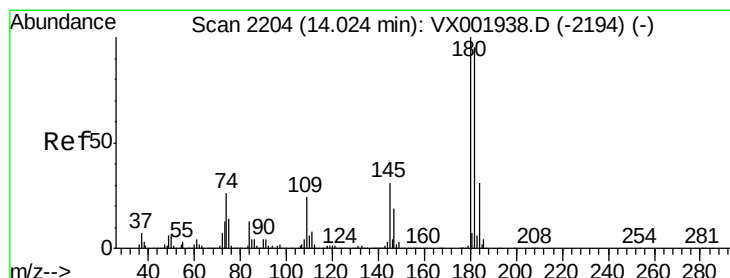
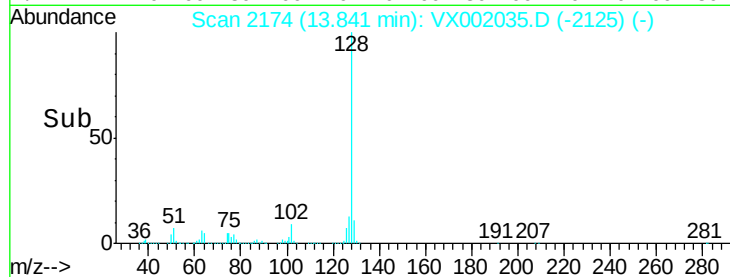
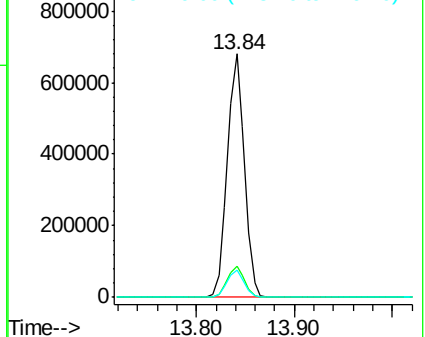
129 10.9 8.8 13.2



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: 46.23 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

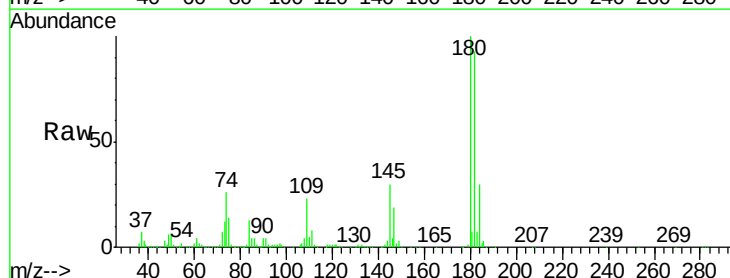
Tgt Ion:180 Resp: 255979

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.6

145 29.8 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

