

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002808.D
 Acq On : 22 Jun 2018 00:54
 Operator : JC/MD
 Sample : PB110441ZHE#11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 02:24:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346074	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166318	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	
35) Dibromofluoromethane	5.51	113	130648	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	8.72	98	490263	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
62) 4-Bromofluorobenzene	11.14	95	171429	43.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.28%	

Target Compounds

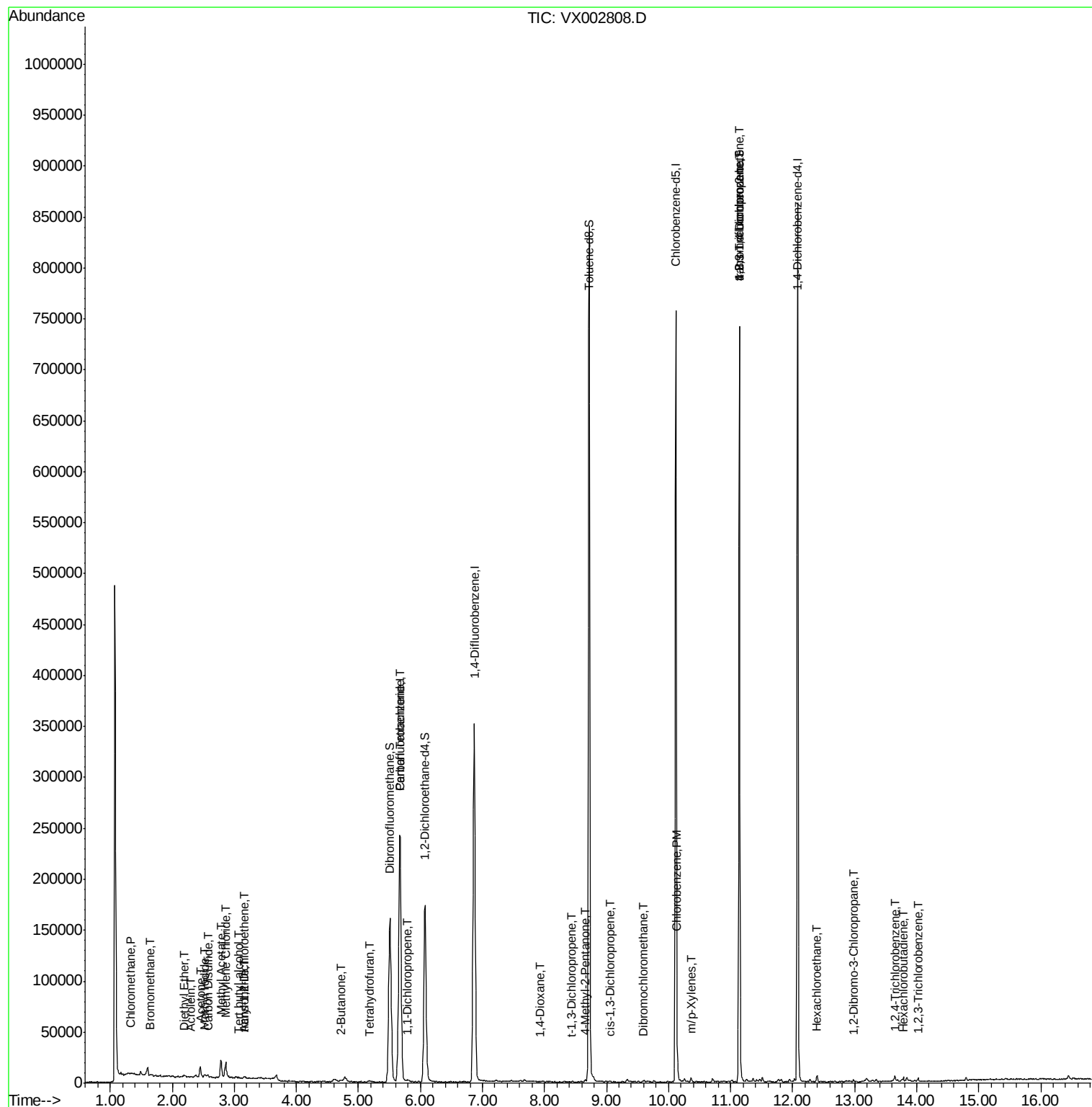
						Qvalue
3) Chloromethane	1.32	50	637	0.21	ug/l	# 88
5) Bromomethane	1.65	94	1075	0.56	ug/l	86
8) Diethyl Ether	2.19	74	564	0.29	ug/l	66
10) Methyl Iodide	2.52	142	3107	5.89	ug/l	98
11) Tert butyl alcohol	3.07	59	370	0.48	ug/l	# 82
13) Acrolein	2.30	56	375	7.88	ug/l	91
15) Acrylonitrile	3.15	53	756	0.45	ug/l	94
16) Acetone	2.45	43	11263	6.91	ug/l	98
17) Carbon Disulfide	2.57	76	2507	0.39	ug/l	98
18) Methyl Acetate	2.78	43	21198	4.88	ug/l	99
20) Methylene Chloride	2.86	84	6346	1.90	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	640	0.22	ug/l	94
25) 2-Butanone	4.71	43	2274	1.06	ug/l	97
29) Tetrahydrofuran	5.17	42	989	0.71	ug/l	# 63
36) 1,1-Dichloropropene	5.79	75	808	0.22	ug/l	# 56
38) Carbon Tetrachloride	5.67	117	22150	6.05	ug/l	# 16
49) 1,4-Dioxane	7.94	88	31	0.46	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.65	43	1233	0.28	ug/l	# 86
53) t-1,3-Dichloropropene	8.43	75	251	2.45	ug/l	# 43
54) cis-1,3-Dichloropropene	9.06	75	327	3.28	ug/l	# 78
60) Dibromochloromethane	9.59	129	56	3.78	ug/l	# 52
65) Chlorobenzene	10.14	112	3833	0.48	ug/l	90
68) m/p-Xylenes	10.37	106	1050	0.20	ug/l	79
76) 1,2,3-Trichloropropane	11.14	75	91178	26.68	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.14	75	91178	82.41	ug/l	# 6
90) Hexachloroethane	12.40	117	26	2.64	ug/l	# 1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	329	0.44	ug/l	# 1
93) 1,2,4-Trichlorobenzene	13.65	180	1255	0.28	ug/l	96
94) Hexachlorobutadiene	13.79	225	593	0.25	ug/l	94
96) 1,2,3-Trichlorobenzene	14.03	180	1041	0.23	ug/l	96

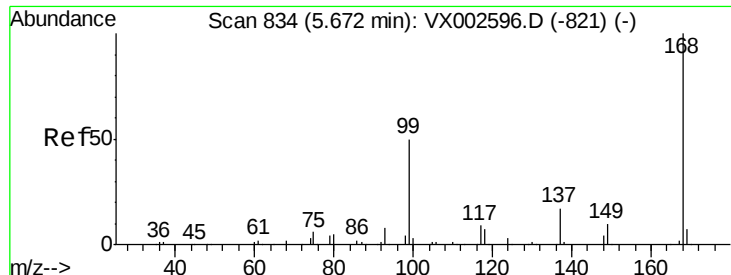
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

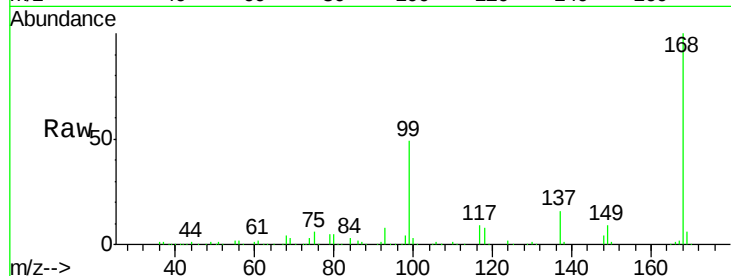
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 243041

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

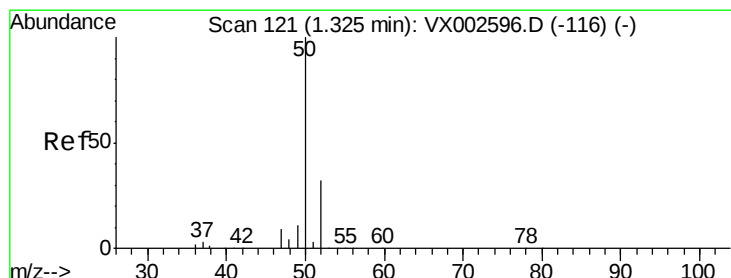
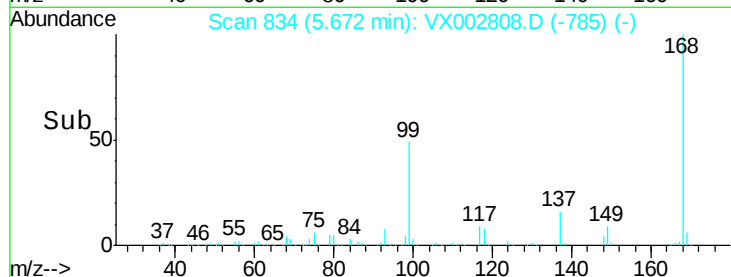
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.21 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002808.D

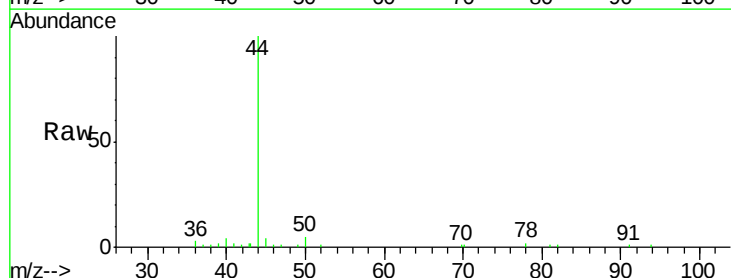
Acq: 22 Jun 2018 00:54

Tgt Ion: 50 Resp: 637

Ion Ratio Lower Upper

50 100

52 25.5 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

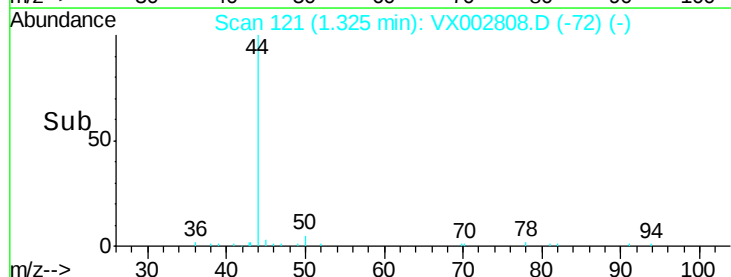
300

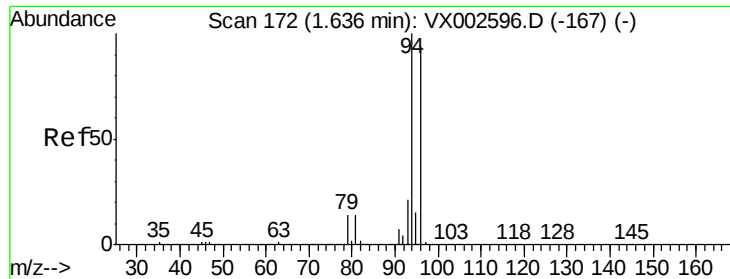
200

100

0

Time--> 1.25 1.30 1.35





#5

Bromomethane

Concen: 0.56 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

Instrument :

MSVOA_X

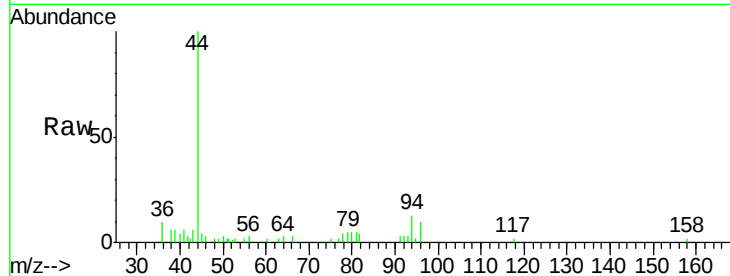
ClientSampleId :

Tot Ion: 94 Resp: 1075

Ion Ratio Lower Upper

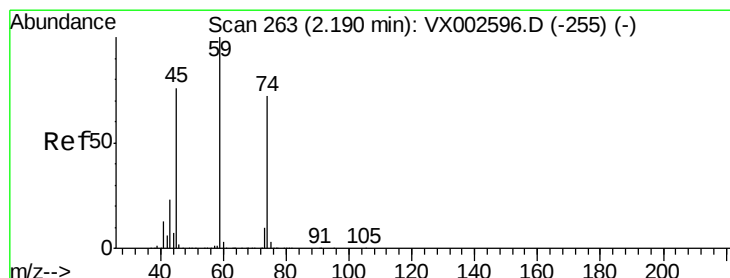
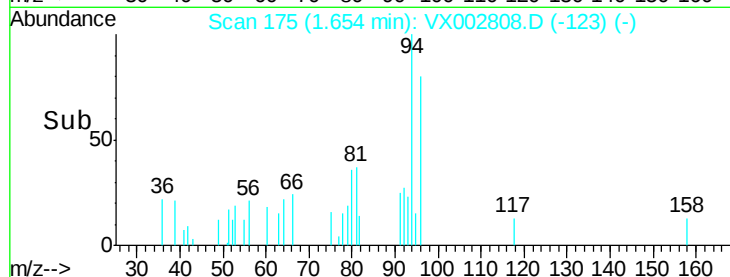
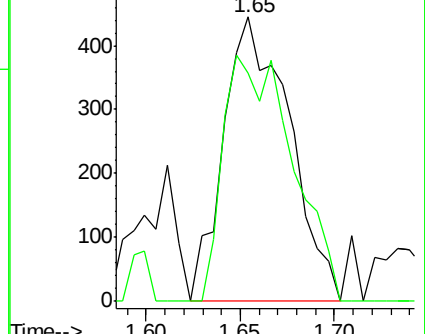
94 100

96 80.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: 0.29 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002808.D

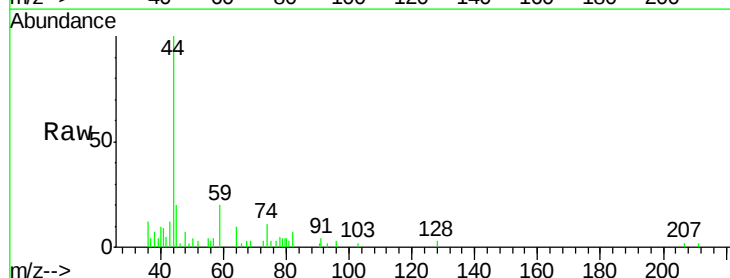
Acq: 22 Jun 2018 00:54

Tgt Ion: 74 Resp: 564

Ion Ratio Lower Upper

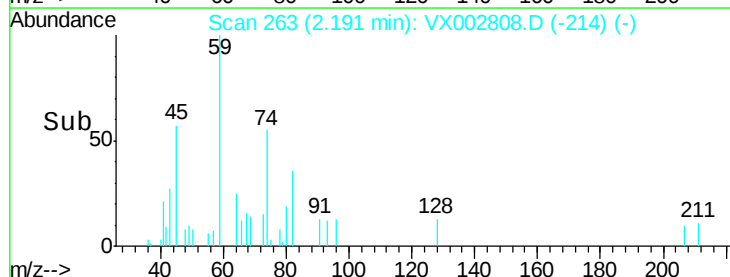
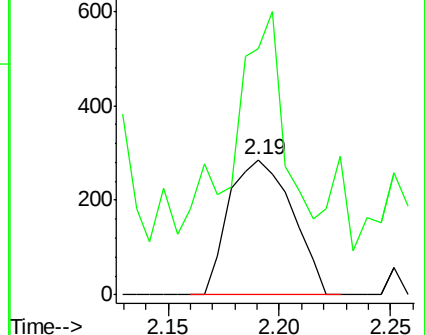
74 100

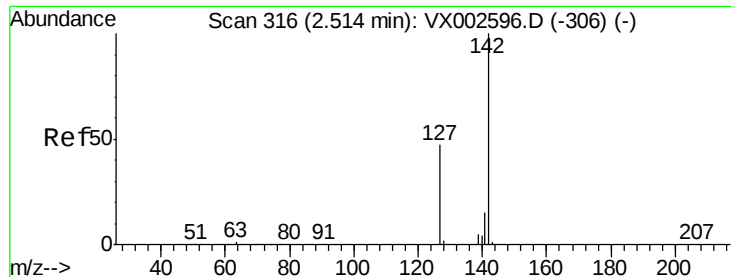
45 141.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

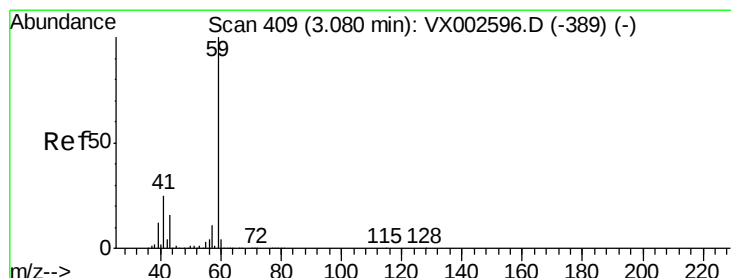
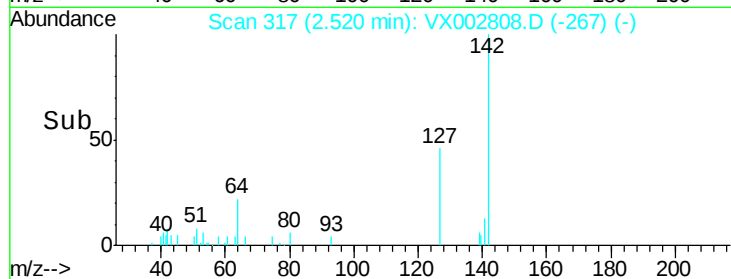
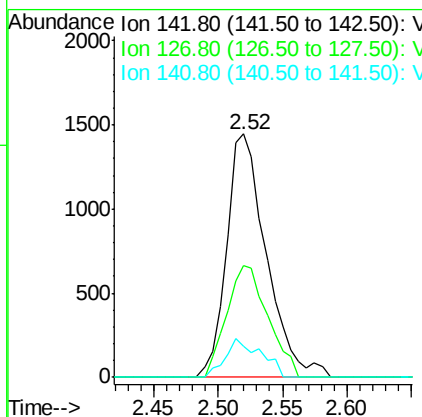
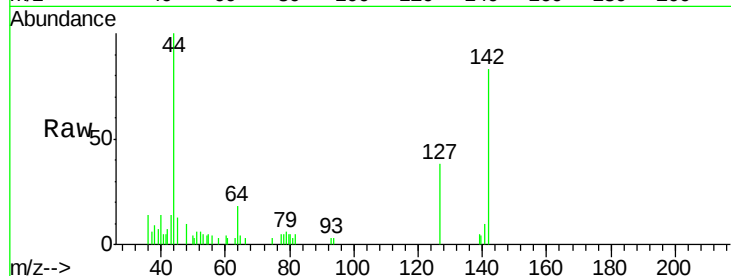




#10
Methvl Iodide
Concen: 5.89 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

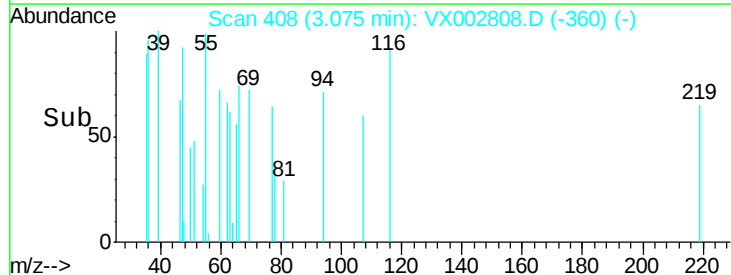
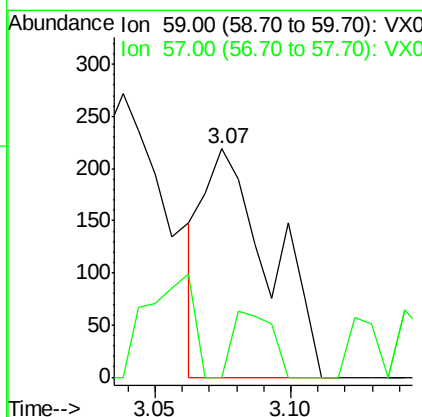
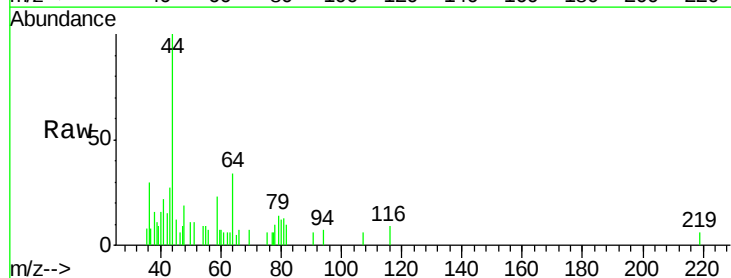
Instrument :
MSVOA_X
ClientSampleId :

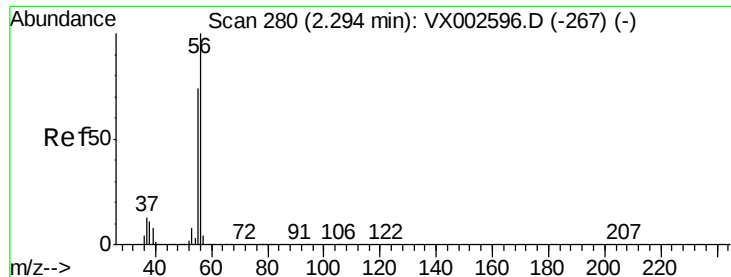
Tot Ion:142 Resp: 3107
Ion Ratio Lower Upper
142 100
127 47.7 36.6 55.0
141 14.3 11.3 16.9



#11
Tert butyl alcohol
Concen: 0.48 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

Tgt Ion: 59 Resp: 370
Ion Ratio Lower Upper
59 100
57 17.0 8.2 12.2#





#13

Acrolein

Concen: 7.88 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

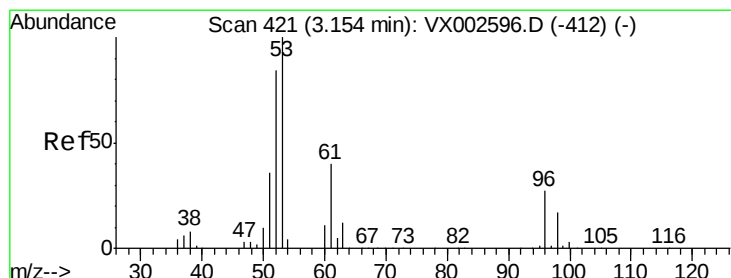
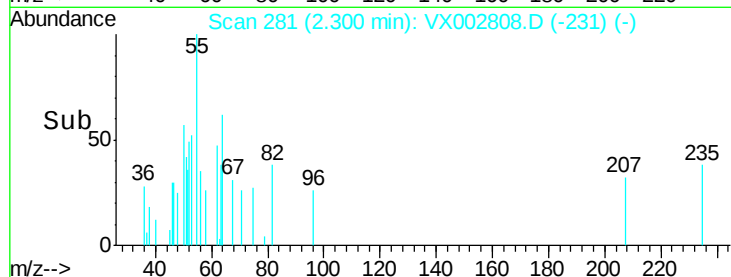
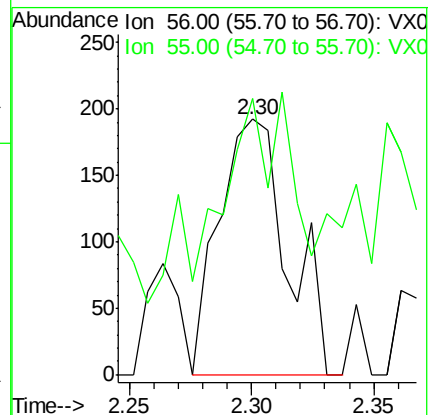
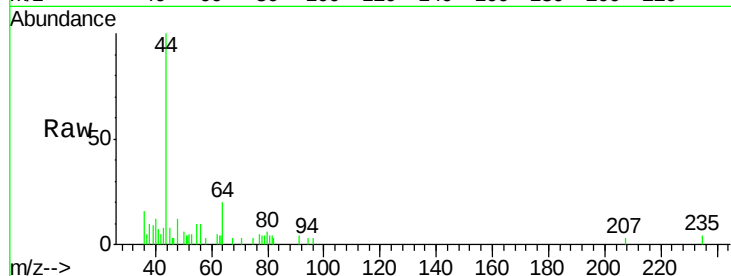
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 375

Ion Ratio Lower Upper

56 100

55 63.7 57.0 85.4



#15

Acrylonitrile

Concen: 0.45 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

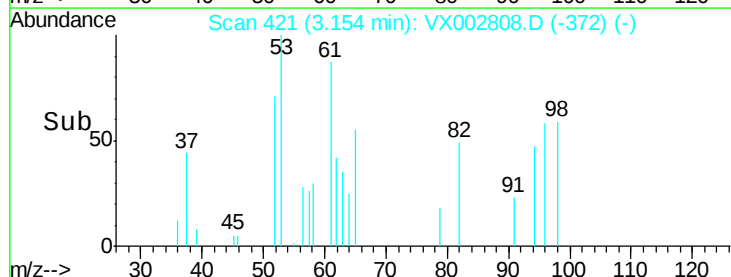
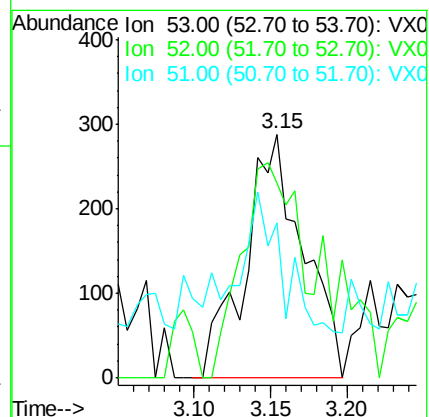
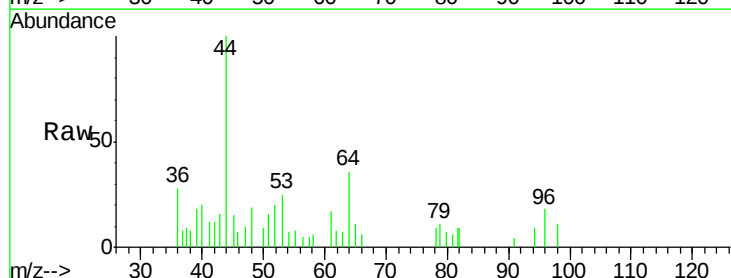
Tgt Ion: 53 Resp: 756

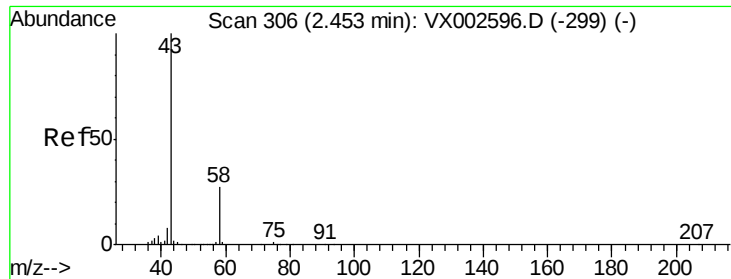
Ion Ratio Lower Upper

53 100

52 87.4 66.7 100.1

51 31.7 29.9 44.9





#16

Acetone

Concen: 6.91 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

Instrument :

MSVOA_X

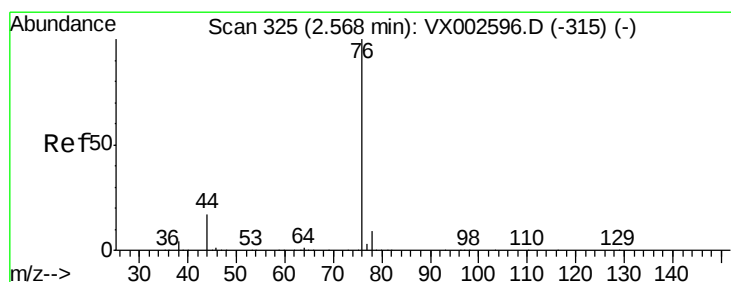
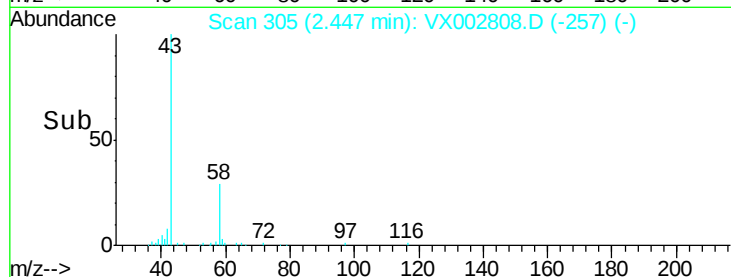
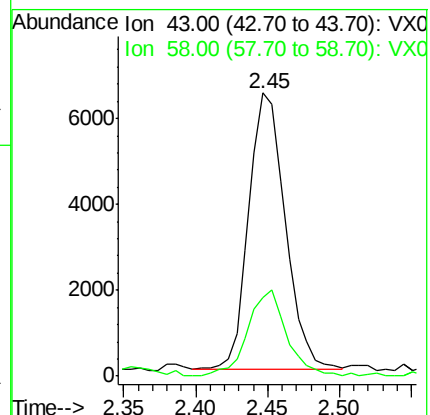
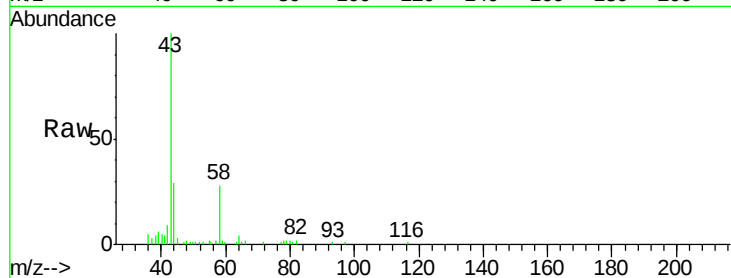
ClientSampleId :

Tot Ion: 43 Resp: 11263

Ion Ratio Lower Upper

43 100

58 28.7 22.1 33.1



#17

Carbon Disulfide

Concen: 0.39 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002808.D

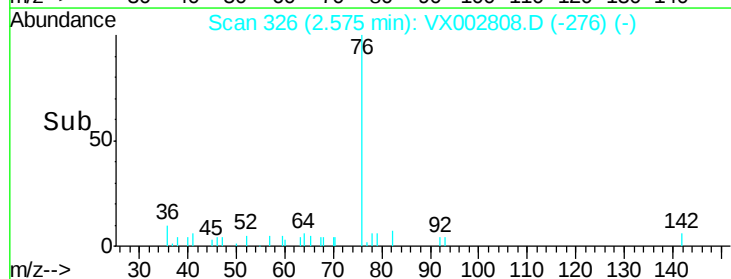
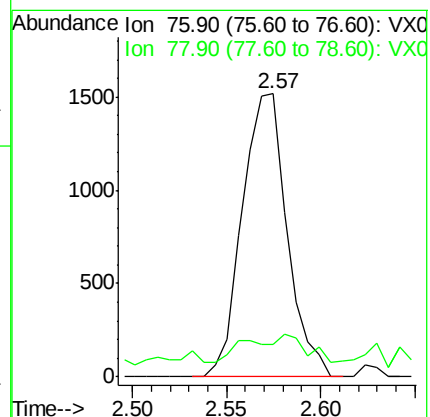
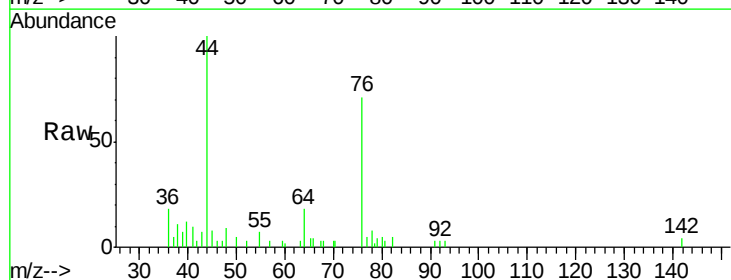
Acq: 22 Jun 2018 00:54

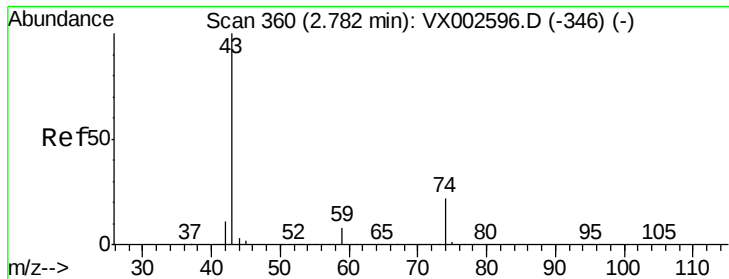
Tgt Ion: 76 Resp: 2507

Ion Ratio Lower Upper

76 100

78 9.3 6.9 10.3

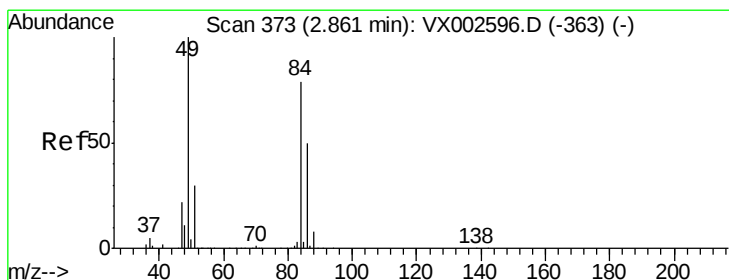
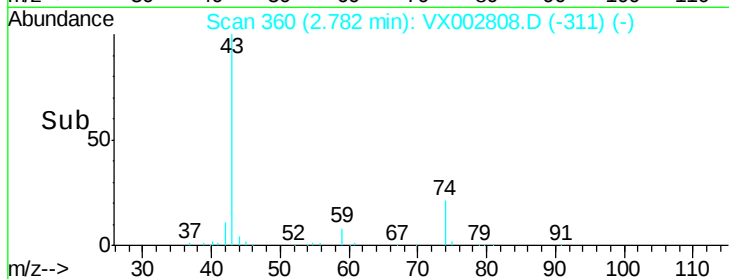
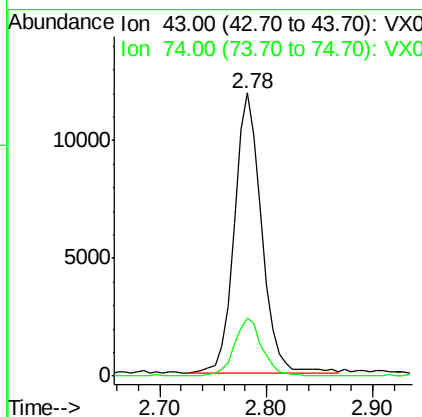
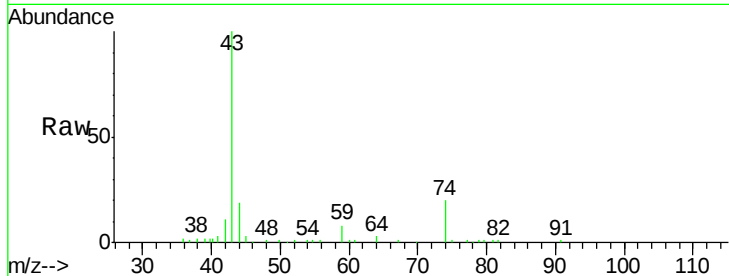




#18
Methvl Acetate
Concen: 4.88 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

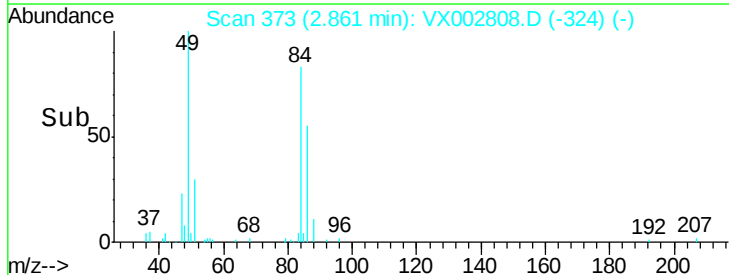
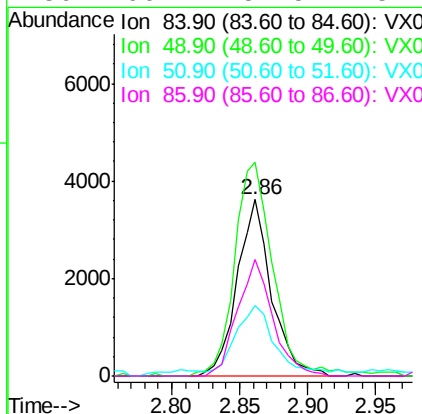
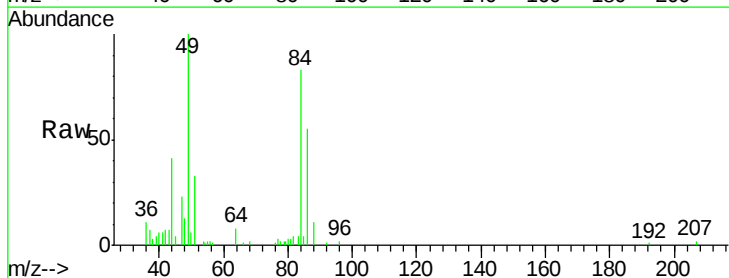
Instrument :
MSVOA_X
ClientSampled :

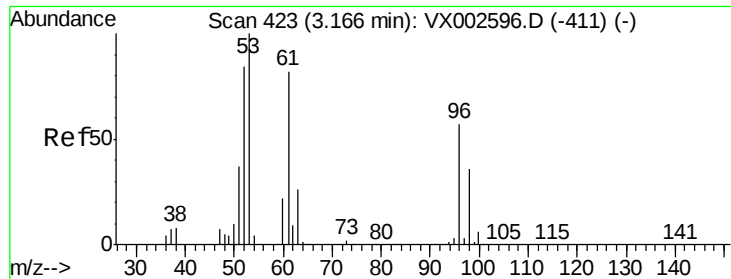
Tot Ion: 43 Resp: 21198
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1



#20
Methylene Chloride
Concen: 1.90 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

Tgt Ion: 84 Resp: 6346
Ion Ratio Lower Upper
84 100
49 120.9 107.8 161.6
51 37.4 32.8 49.2
86 66.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 0.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

Instrument :
MSVOA_X
ClientSampled :

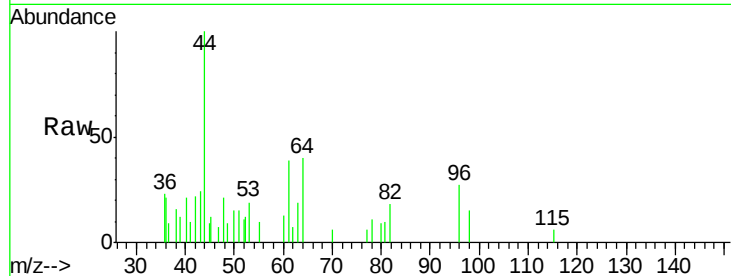
Tot Ion: 96 Resp: 640

Ion Ratio Lower Upper

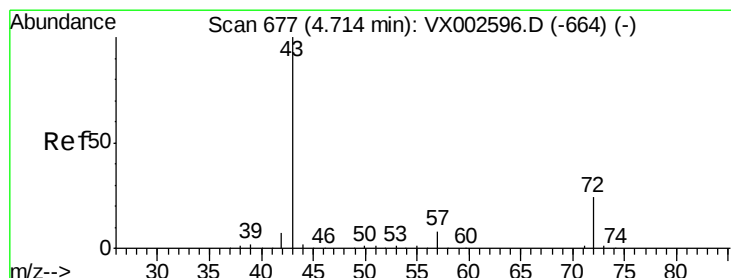
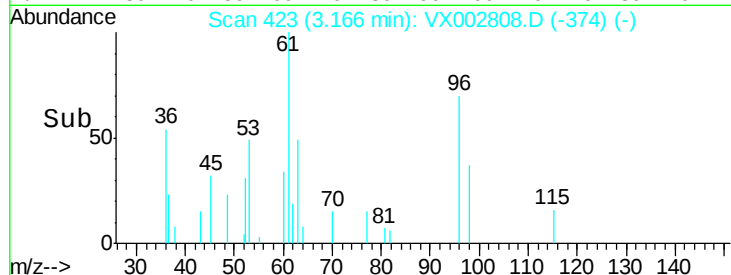
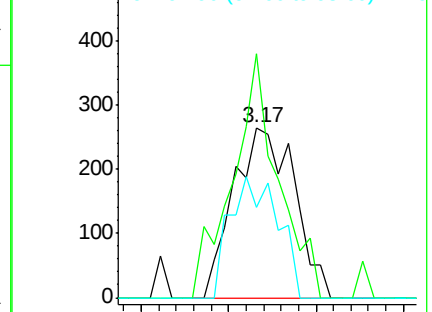
96 100

61 143.6 117.0 175.4

98 53.4 52.4 78.6



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



#25

2-Butanone

Concen: 1.06 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002808.D

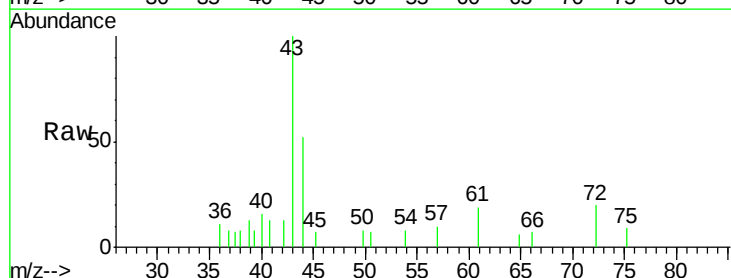
Acq: 22 Jun 2018 00:54

Tgt Ion: 43 Resp: 2274

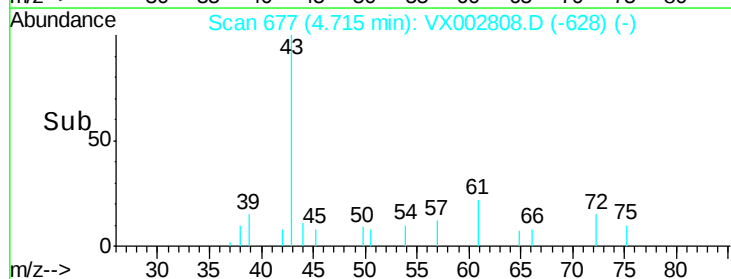
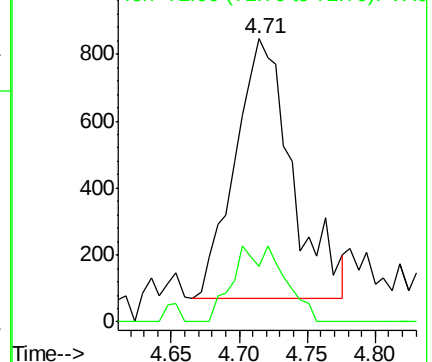
Ion Ratio Lower Upper

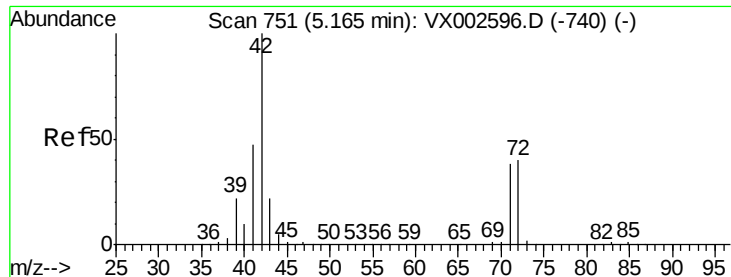
43 100

72 21.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.30): VX0
Ion 72.00 (71.70 to 72.30): VX0

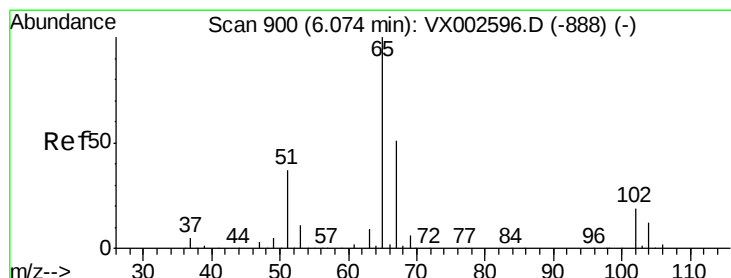
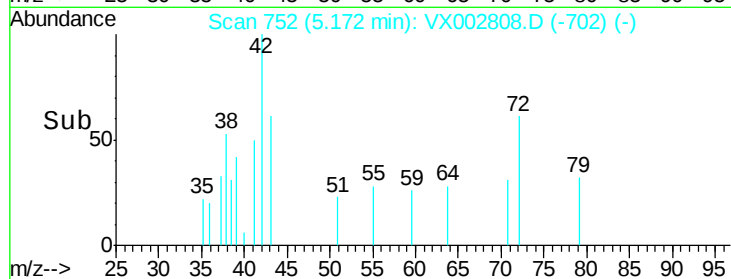
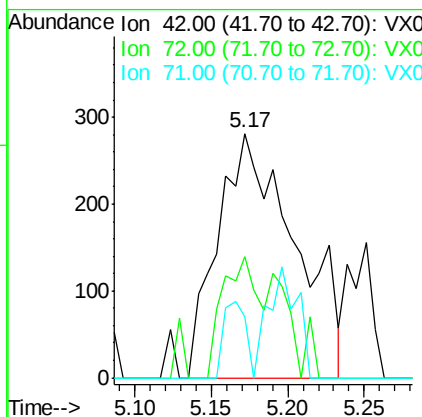
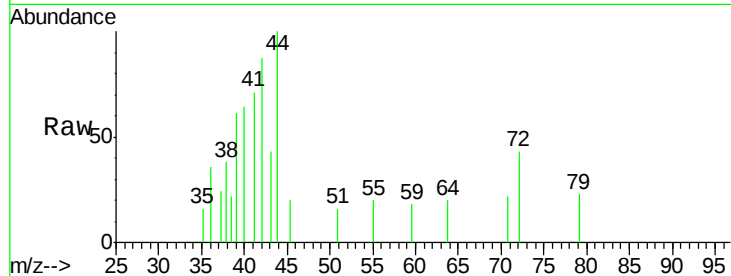




#29
Tetrahydrofuran
Concen: 0.71 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

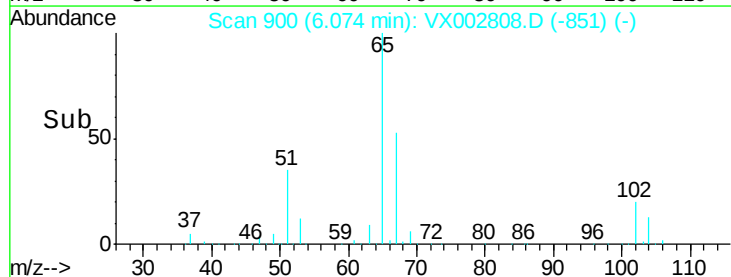
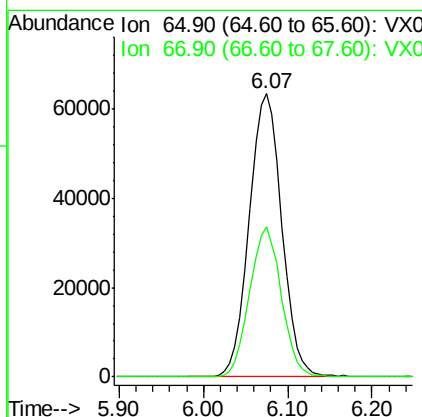
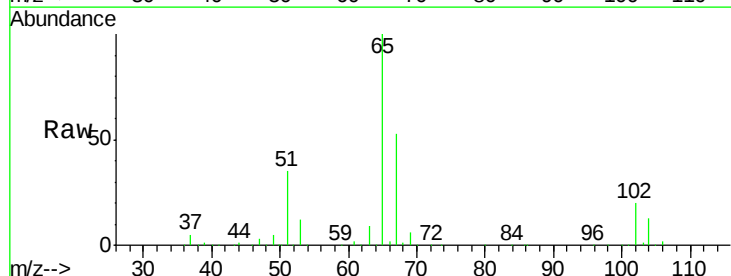
Instrument :
MSVOA_X
ClientSampleId :

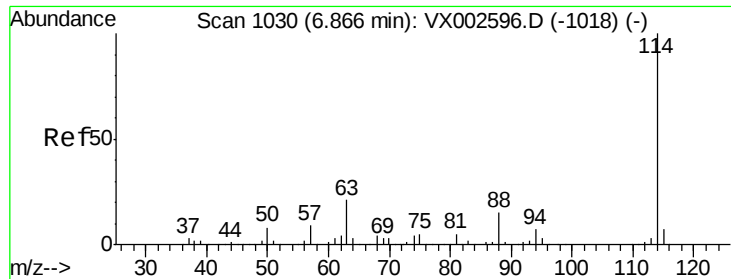
Tot Ion: 42 Resp: 989
Ion Ratio Lower Upper
42 100
72 23.2 32.0 48.0#
71 8.8 30.1 45.1#



#33
1,2-Dichloroethane-d4
Concen: 45.03 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

Tgt Ion: 65 Resp: 166318
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

Instrument :

MSVOA_X

ClientSampleId :

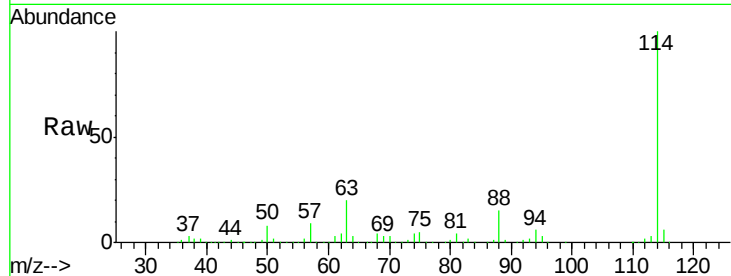
Tot Ion:114 Resp: 346074

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

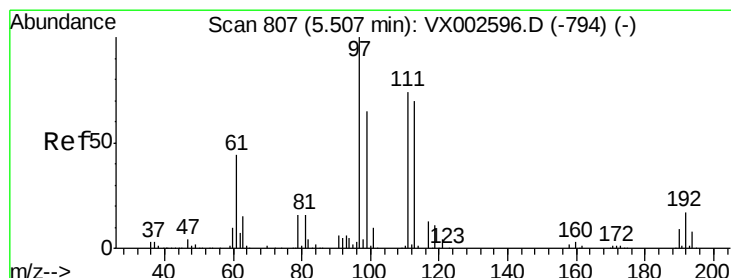
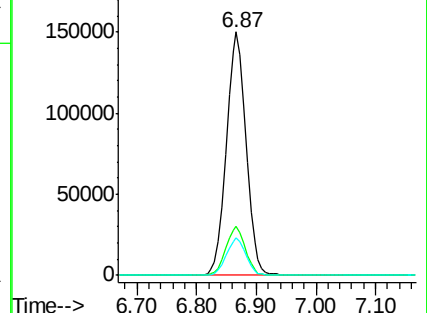
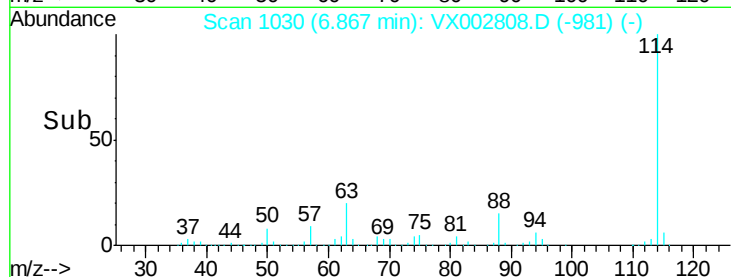
88 15.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.30 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

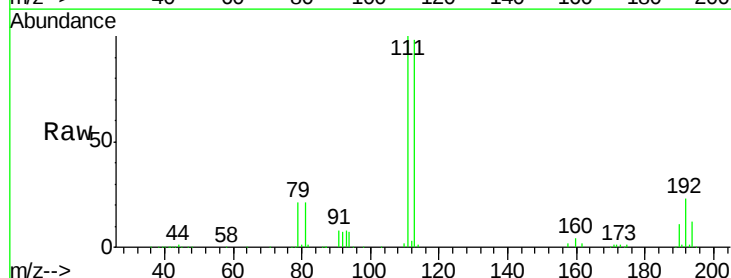
Tgt Ion:113 Resp: 130648

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

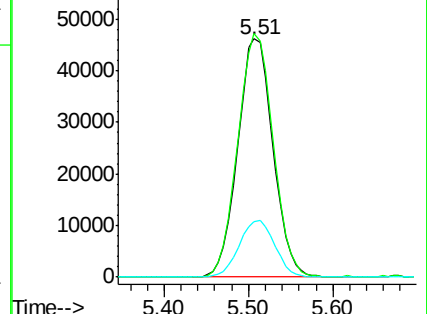
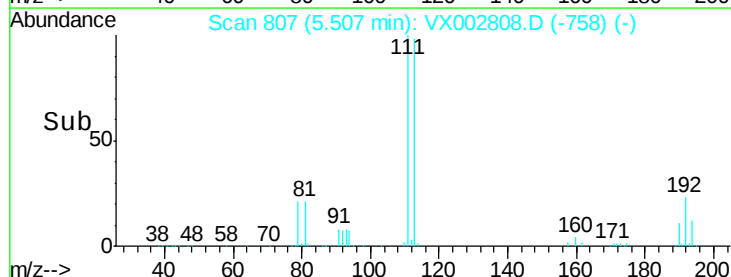
192 24.1 19.1 28.7

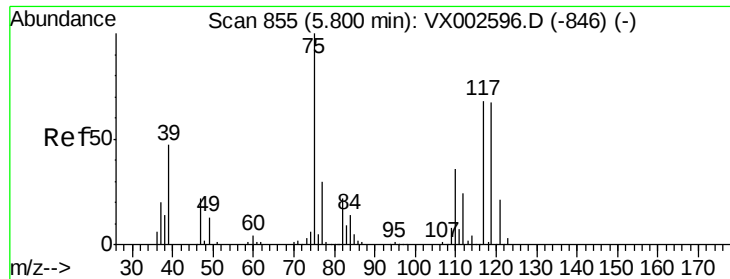


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

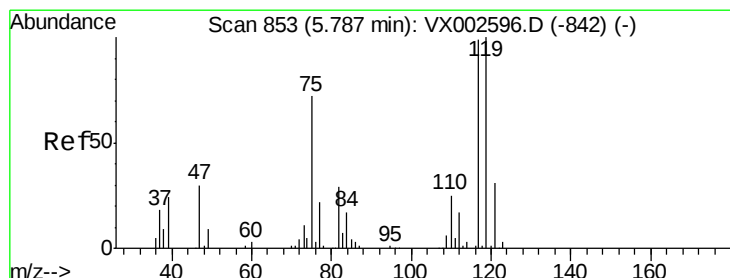
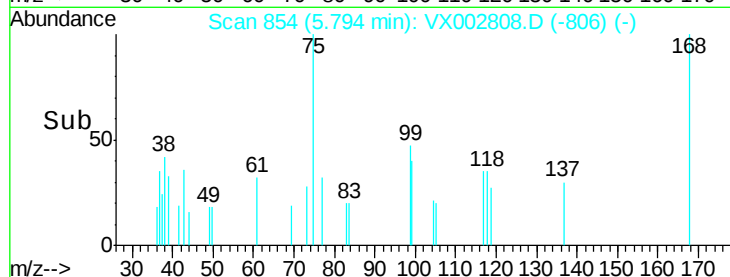
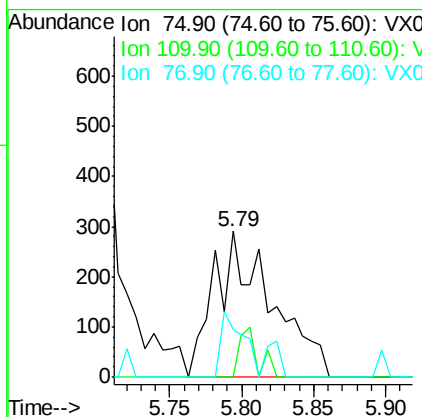
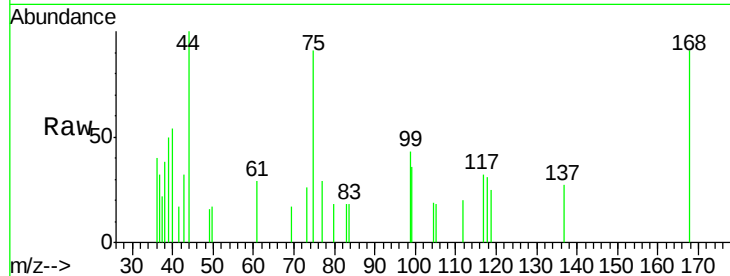




#36
 1,1-Dichloropropene
 Concen: 0.22 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX002808.D
 Acq: 22 Jun 2018 00:54

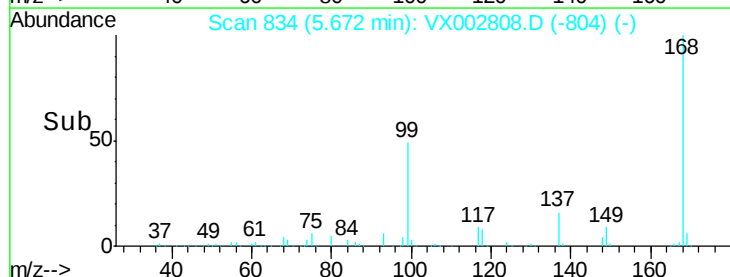
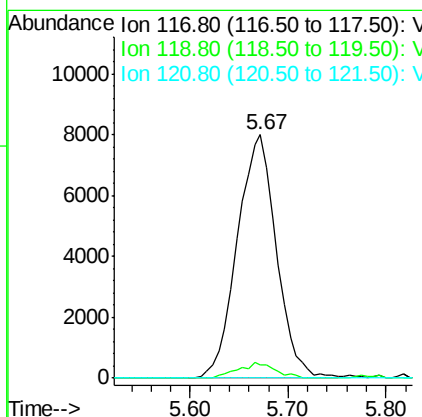
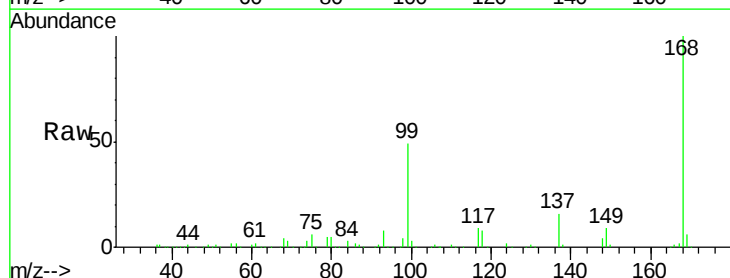
Instrument :
 MSVOA_X
 ClientSampleId :

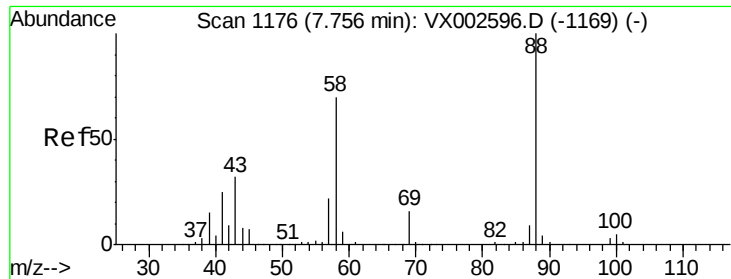
Tot Ion: 75 Resp: 808
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.4#
 77 17.6 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.05 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002808.D
 Acq: 22 Jun 2018 00:54

Tgt Ion: 117 Resp: 22150
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.4 116.0#
 121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 0.46 ug/l

RT: 7.94 min Scan# 1206

Delta R.T. 0.18 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

Instrument :

MSVOA_X

ClientSampled :

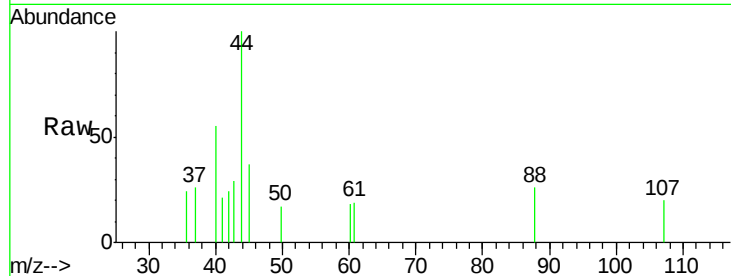
Tot Ion: 88 Resp: 31

Ion Ratio Lower Upper

88 100

43 154.8 29.8 44.6#

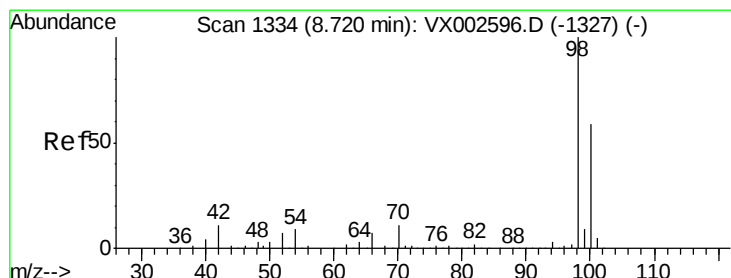
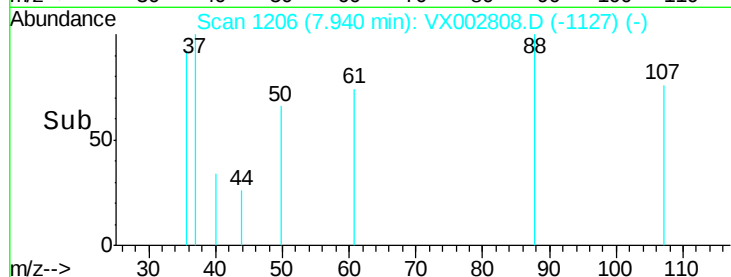
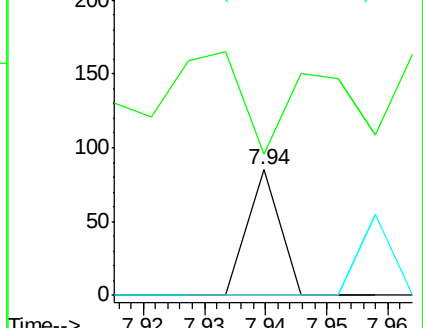
58 0.0 57.1 85.7#



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: 46.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002808.D

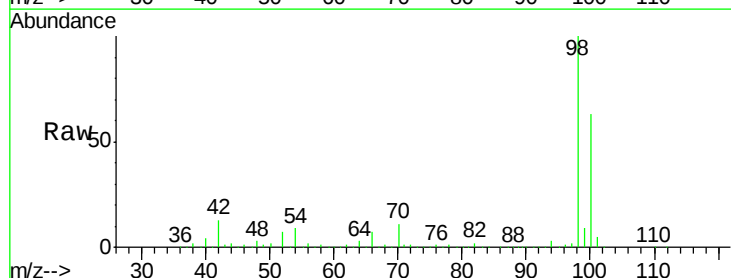
Acq: 22 Jun 2018 00:54

Tgt Ion: 98 Resp: 490263

Ion Ratio Lower Upper

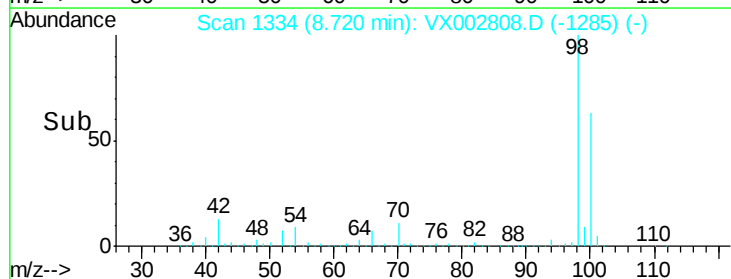
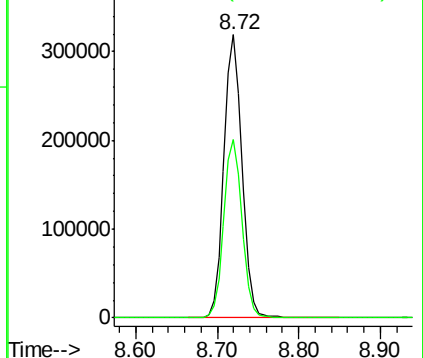
98 100

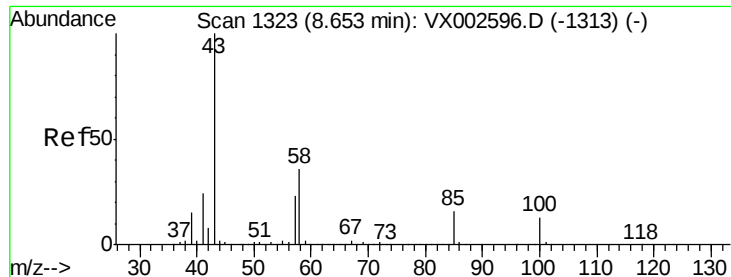
100 63.3 50.9 76.3



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: 0.28 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

Instrument :

MSVOA_X

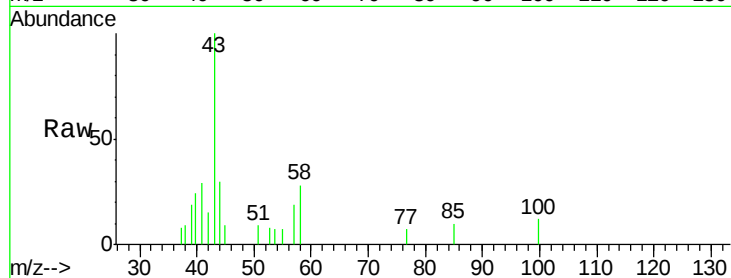
ClientSampled :

Tot Ion: 43 Resp: 1233

Ion Ratio Lower Upper

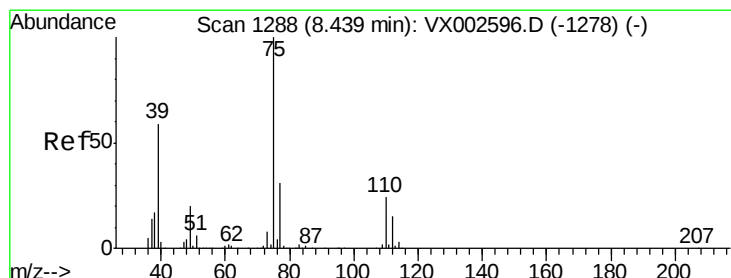
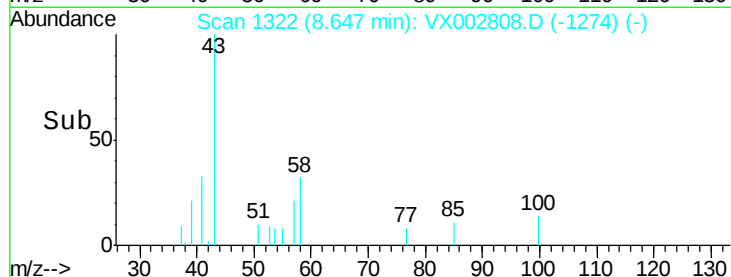
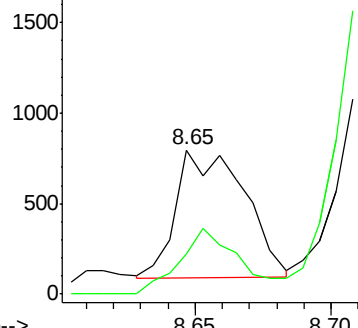
43 100

58 43.9 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.45 ug/l

RT: 8.43 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VX002808.D

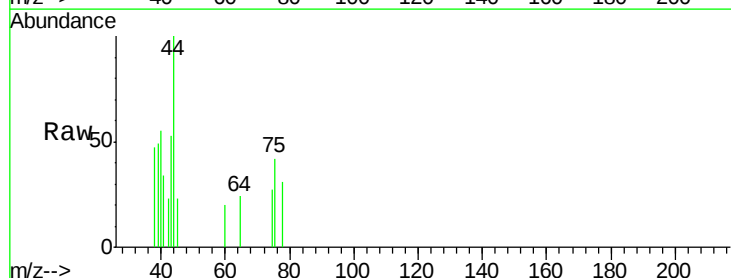
Acq: 22 Jun 2018 00:54

Tgt Ion: 75 Resp: 251

Ion Ratio Lower Upper

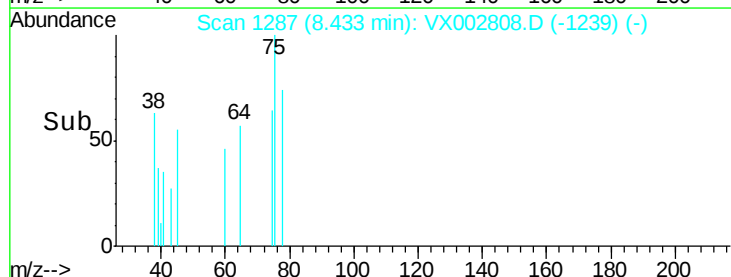
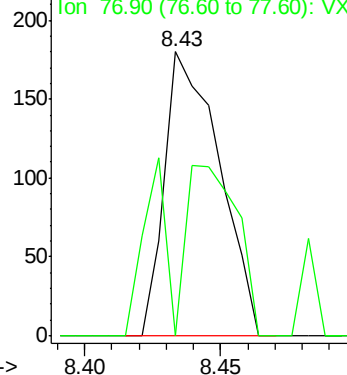
75 100

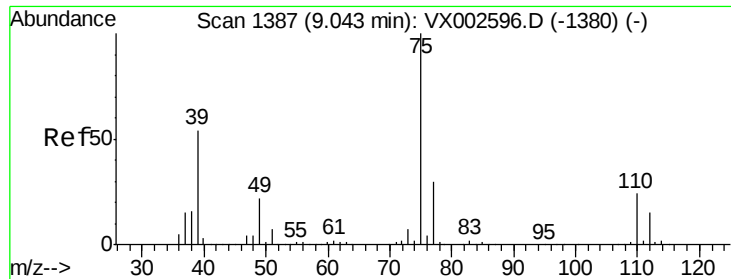
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



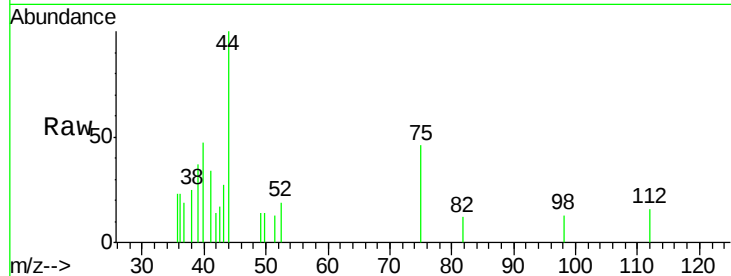


#54

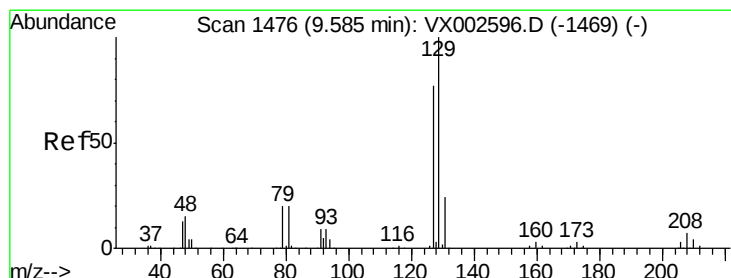
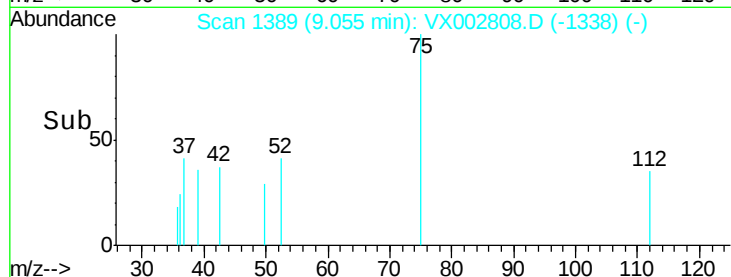
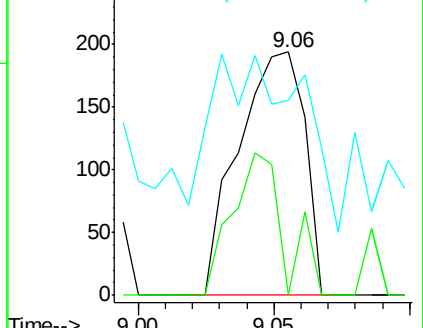
cis-1,3-Dichloropropene
Concen: 3.28 ug/l
RT: 9.06 min Scan# 1389
Delta R.T. 0.01 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 327
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 54.6 42.4 63.6



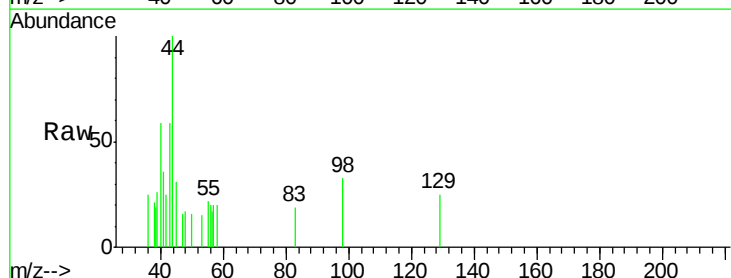
Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0



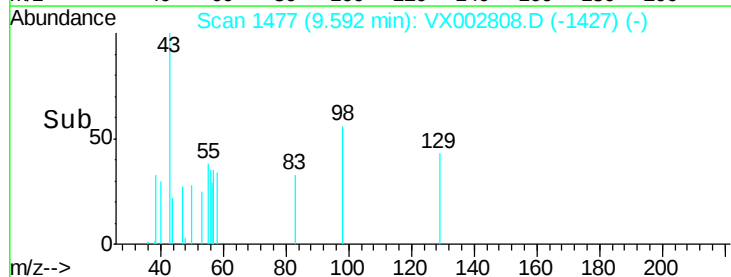
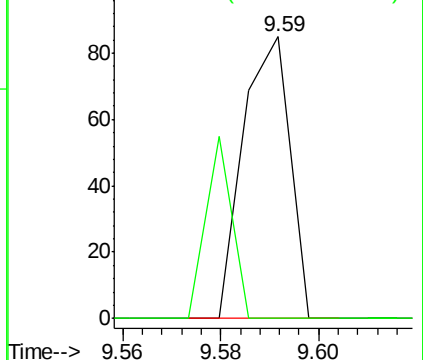
#60

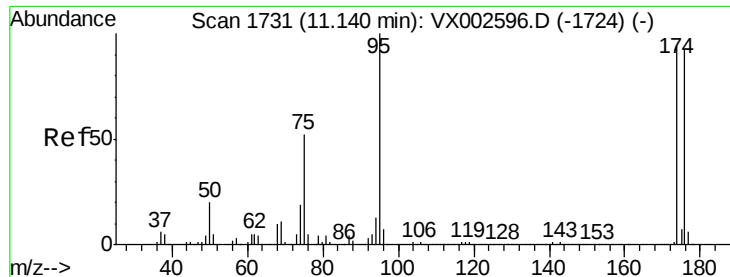
Dibromochloromethane
Concen: 3.78 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

Tgt Ion:129 Resp: 56
Ion Ratio Lower Upper
129 100
127 35.7 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

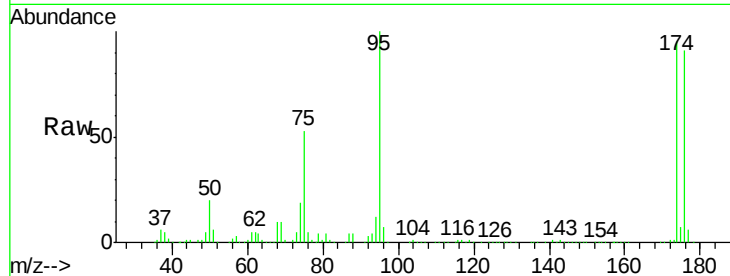




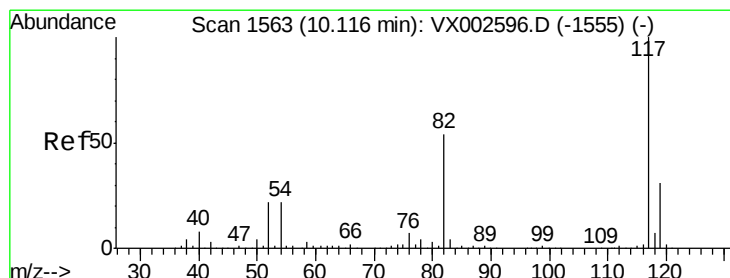
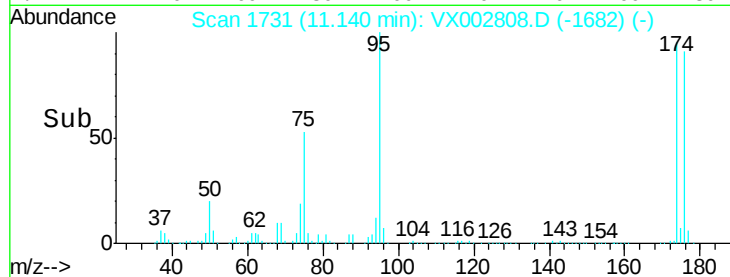
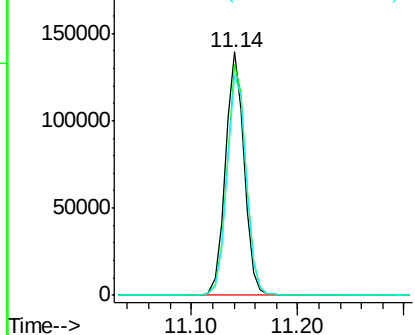
#62
4-Bromofluorobenzene
Concen: 43.14 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 95 Resp: 171429
Ion Ratio Lower Upper
95 100
174 97.1 0.0 187.4
176 93.9 0.0 181.0

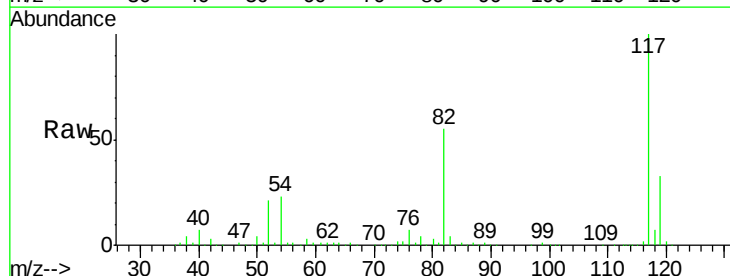


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

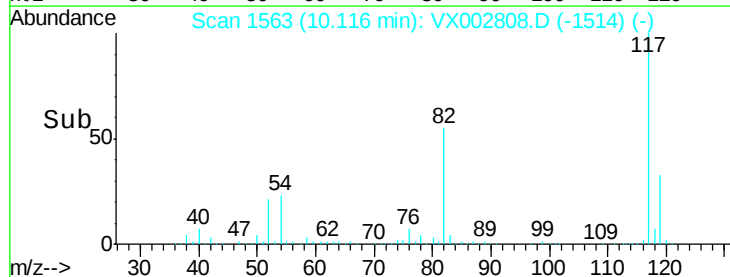
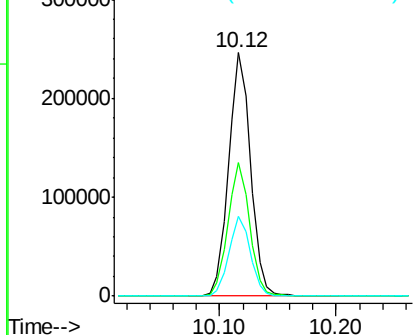


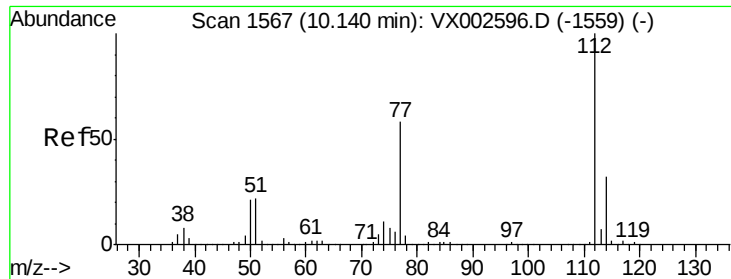
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

Tgt Ion: 117 Resp: 322759
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.9 25.8 38.6



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





#65

Chlorobenzene

Concen: 0.48 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

Instrument :

MSVOA_X

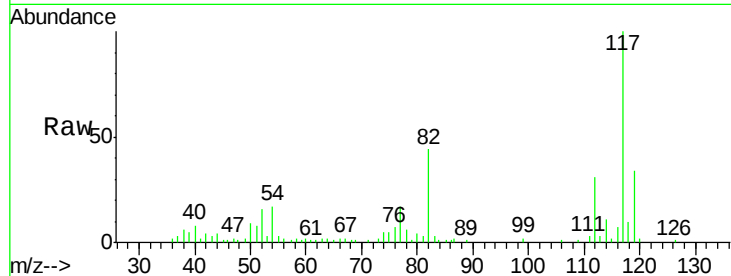
ClientSampleId :

Tot Ion:112 Resp: 3833

Ion Ratio Lower Upper

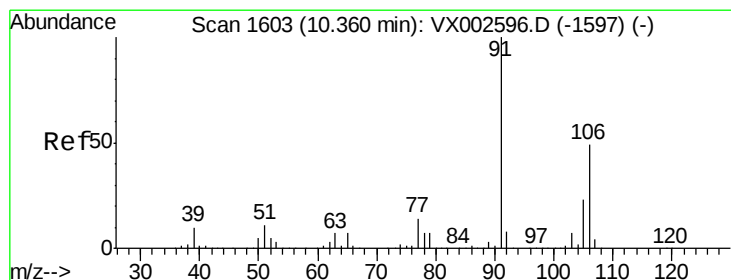
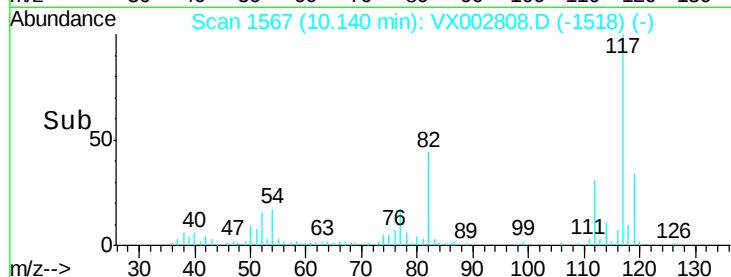
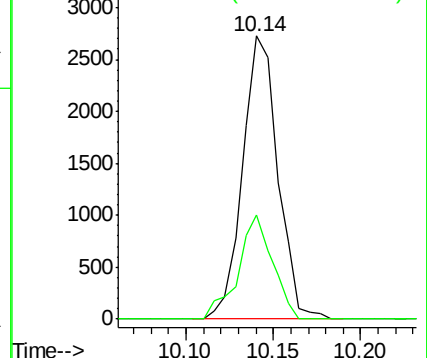
112 100

114 36.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#68

m/p-Xylenes

Concen: 0.20 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002808.D

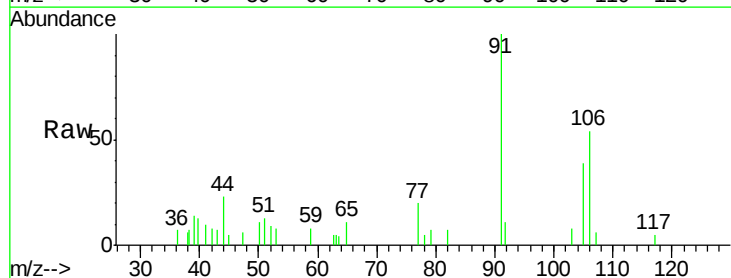
Acq: 22 Jun 2018 00:54

Tgt Ion:106 Resp: 1050

Ion Ratio Lower Upper

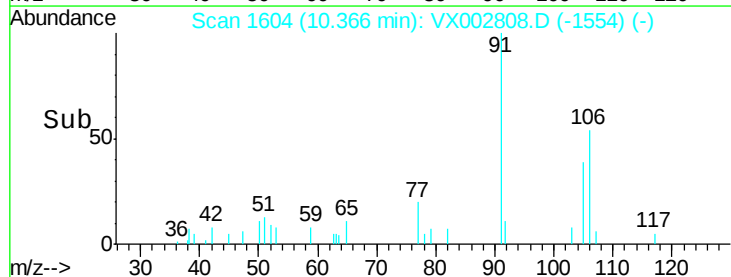
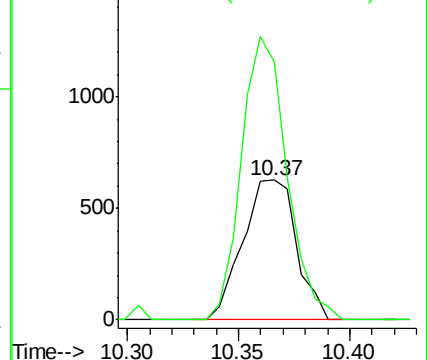
106 100

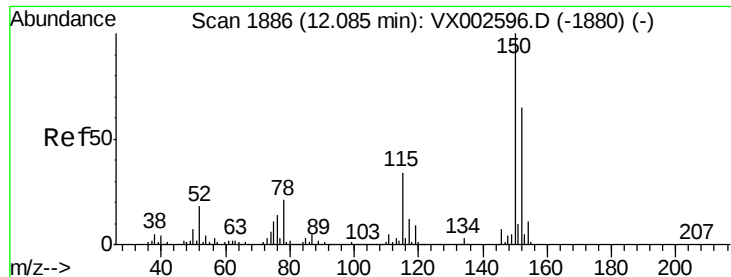
91 172.3 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

Instrument :

MSVOA_X

ClientSampleId :

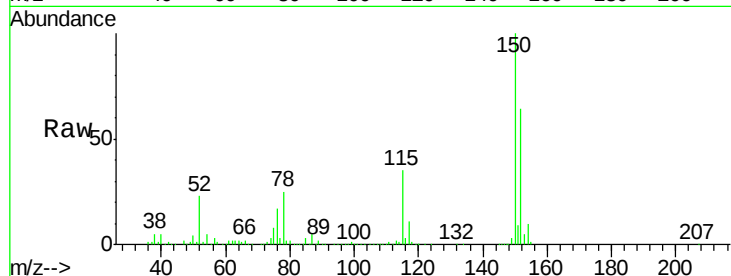
Tot Ion:152 Resp: 181106

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

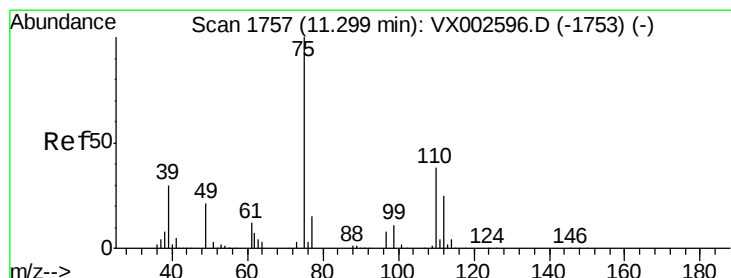
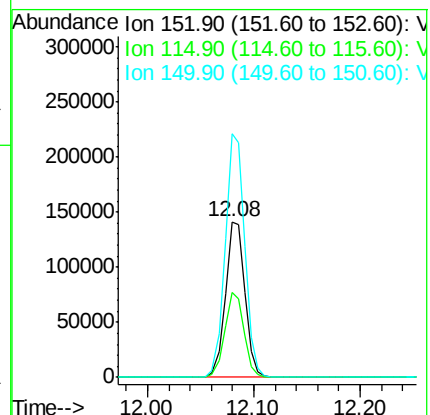
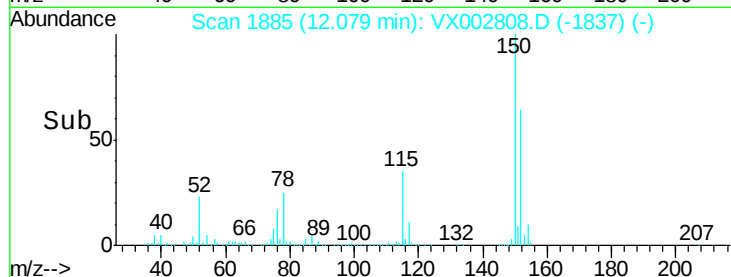
150 156.2 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 26.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002808.D

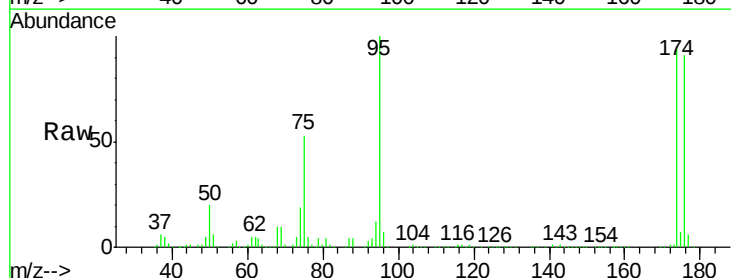
Acq: 22 Jun 2018 00:54

Tgt Ion: 75 Resp: 91178

Ion Ratio Lower Upper

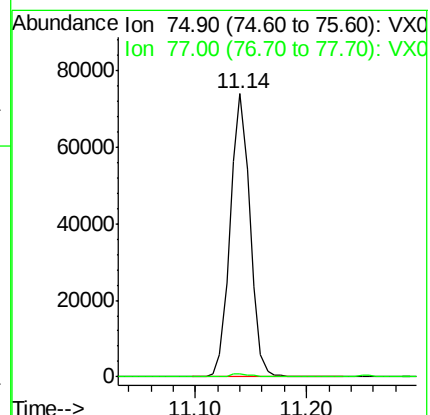
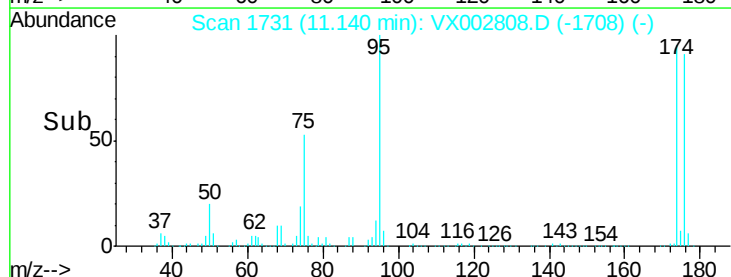
75 100

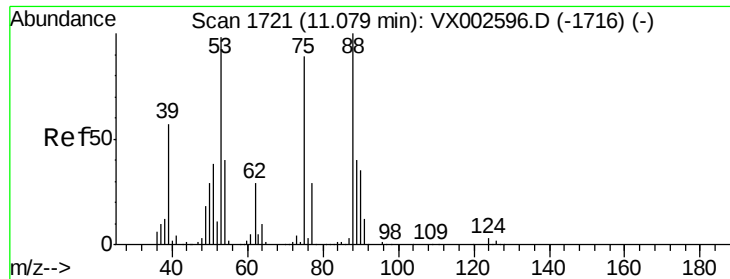
77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

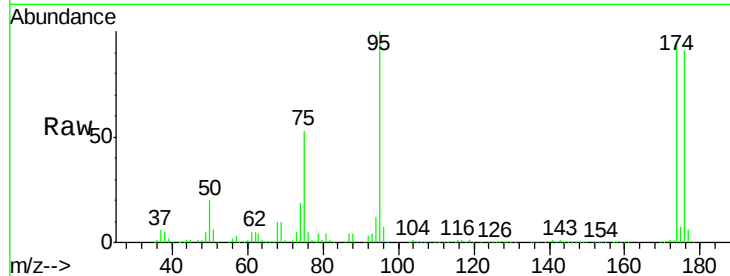




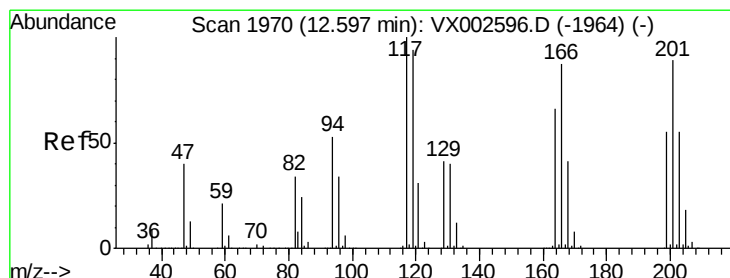
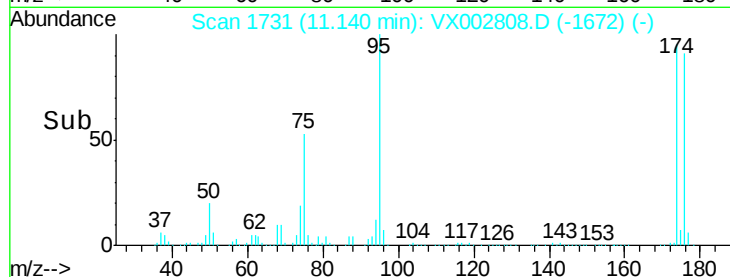
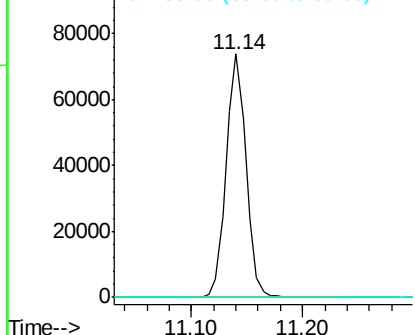
#81
trans-1,4-Dichloro-2-butene
Concen: 82.41 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 91178
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 38.2 57.2#

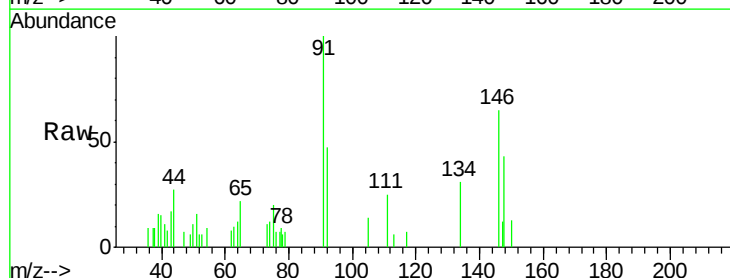


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

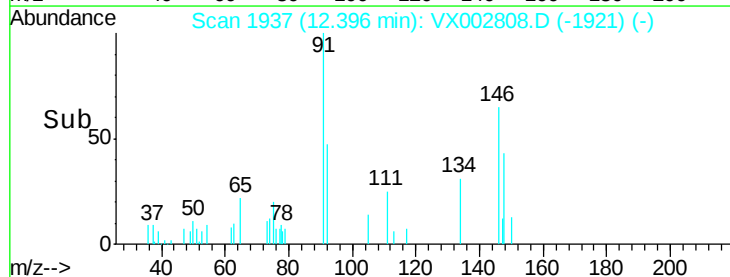
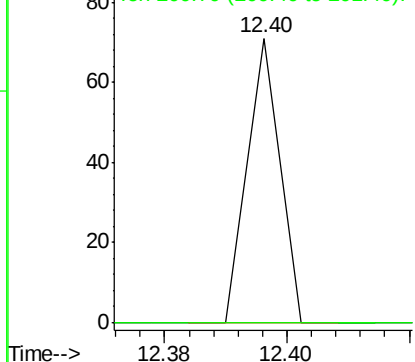


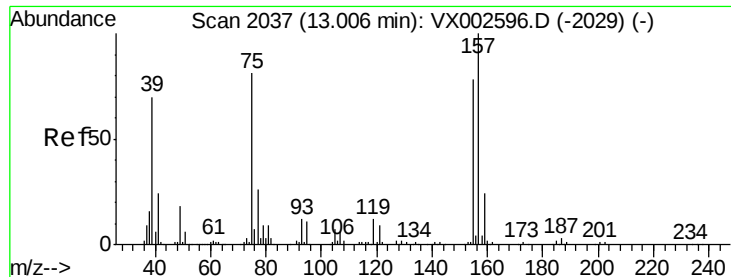
#90
Hexachloroethane
Concen: 2.64 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.20 min
Lab File: VX002808.D
Acq: 22 Jun 2018 00:54

Tgt Ion: 117 Resp: 26
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.44 ug/l

RT: 12.98 min Scan# 2032

Delta R.T. -0.03 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

Instrument :

MSVOA_X

ClientSampleId :

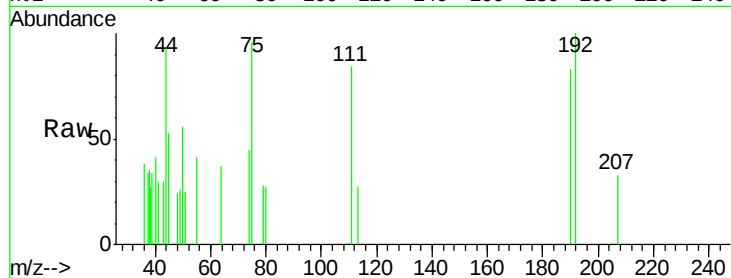
Tot Ion: 75 Resp: 329

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

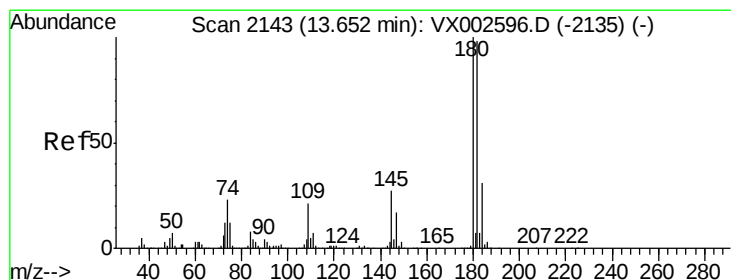
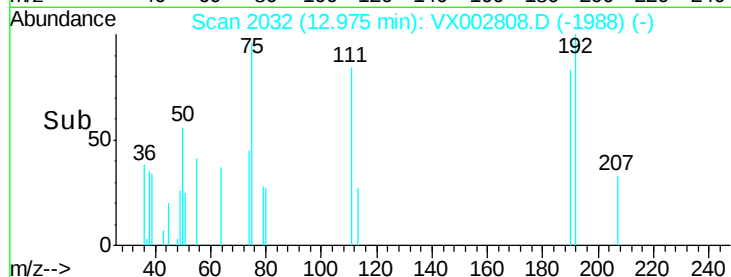
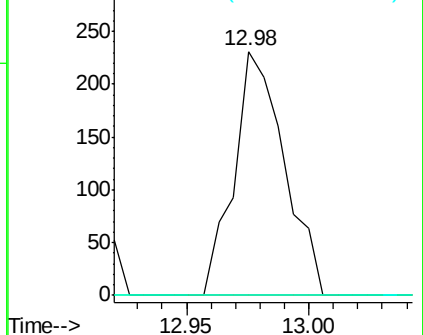
157 0.0 60.1 180.3#



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: 0.28 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.01 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

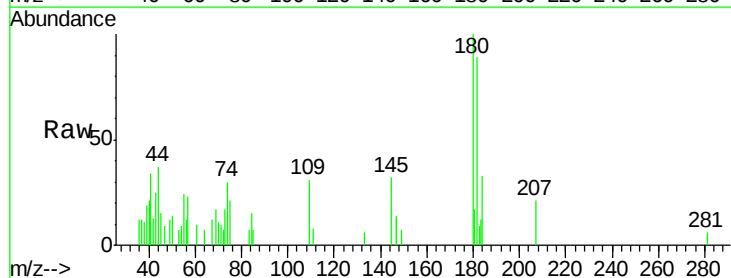
Tgt Ion:180 Resp: 1255

Ion Ratio Lower Upper

180 100

182 100.3 47.7 143.1

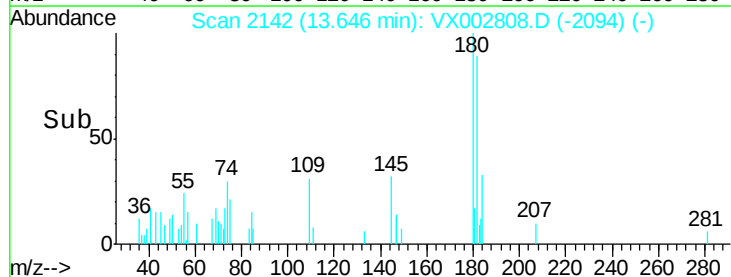
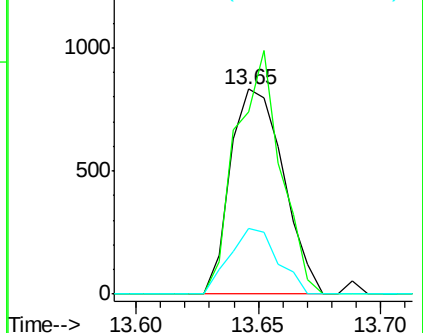
145 29.2 14.1 42.4

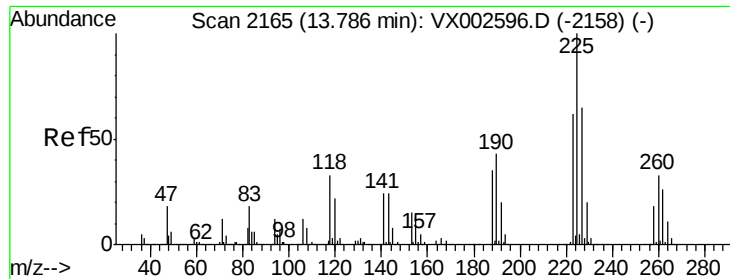


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.25 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

Instrument :

MSVOA_X

ClientSampleId :

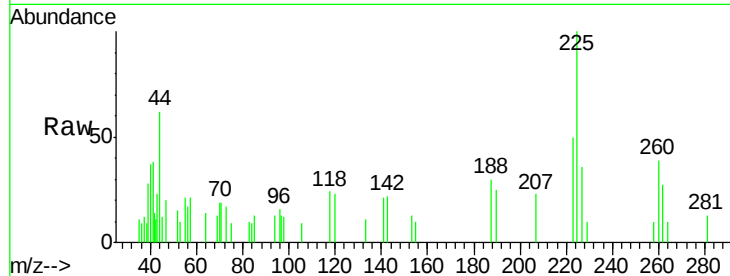
Tot Ion:225 Resp: 593

Ion Ratio Lower Upper

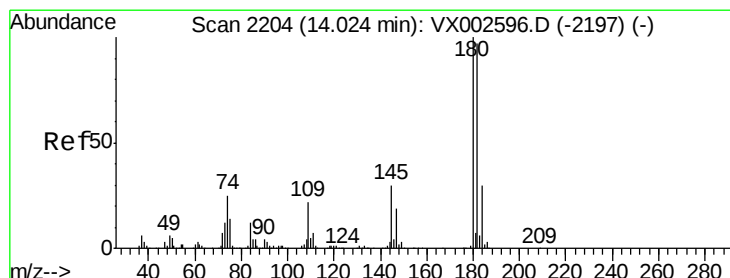
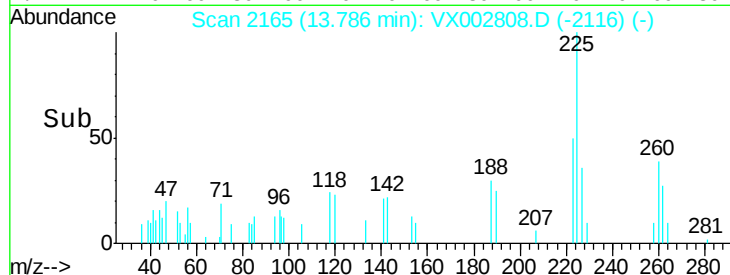
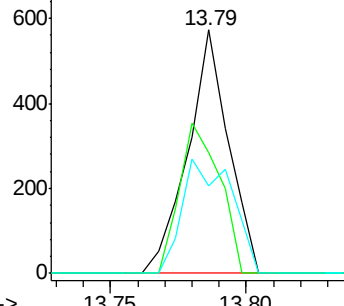
225 100

223 61.0 31.6 95.0

227 57.0 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#96

1,2,3-Trichlorobenzene

Concen: 0.23 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX002808.D

Acq: 22 Jun 2018 00:54

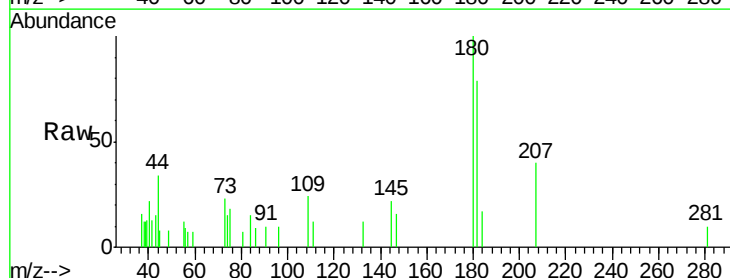
Tgt Ion:180 Resp: 1041

Ion Ratio Lower Upper

180 100

182 100.6 48.0 144.0

145 30.3 14.8 44.3



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

