

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002870.D
 Acq On : 25 Jun 2018 20:22
 Operator : JC/MD
 Sample : J3604-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 05:26:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165848	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	156052	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
35) Dibromofluoromethane	5.51	113	124153	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	8.72	98	461115	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.14	95	161340	43.97	ug/l	0.00
Spiked Amount			Recovery	=	87.94%	

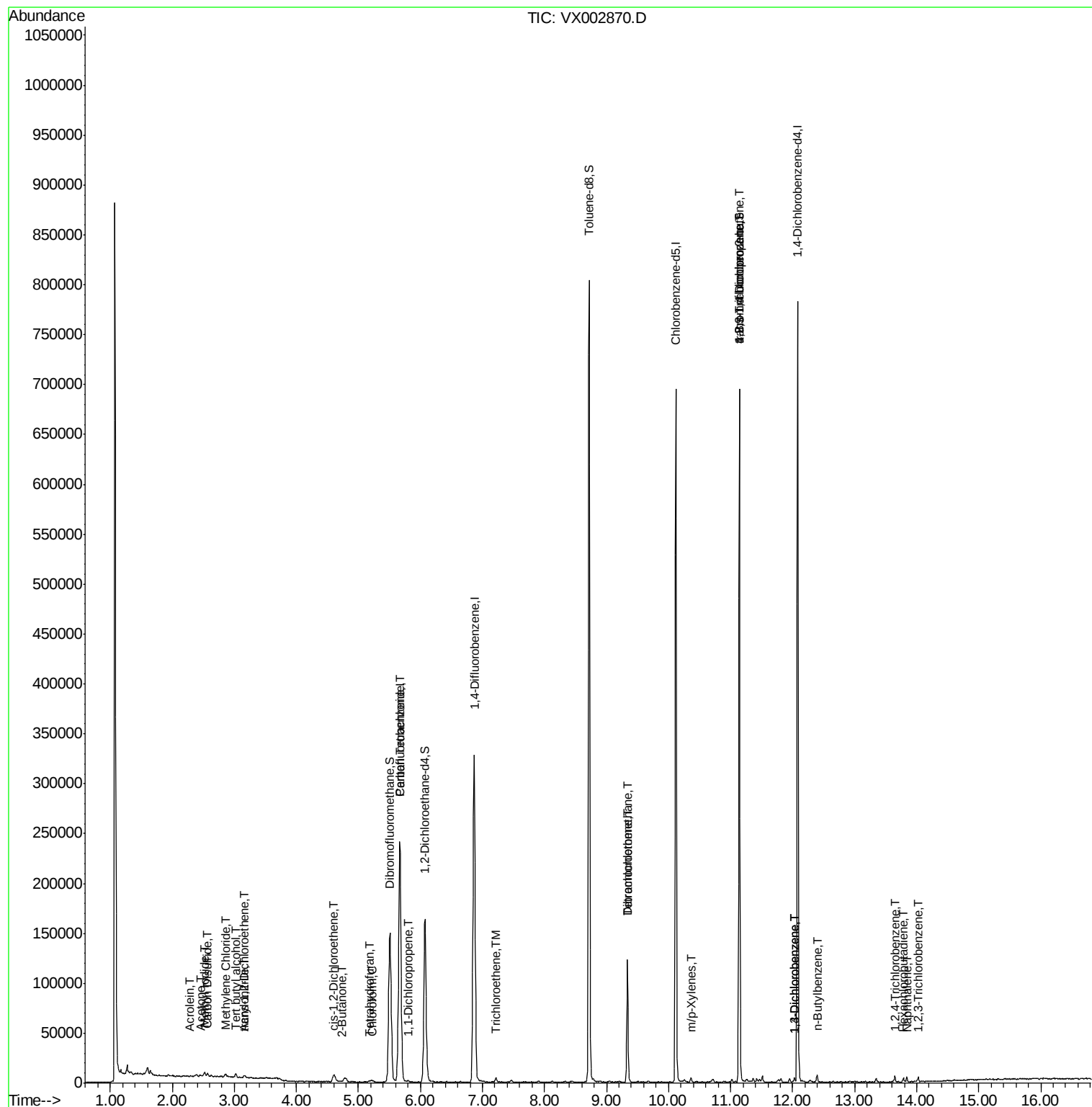
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	305	Below Cal		80
3) Chloromethane	1.32	50	1462	Below Cal		94
5) Bromomethane	1.65	94	2749	Below Cal		90
6) Chloroethane	1.70	64	75	Below Cal	#	43
10) Methyl Iodide	2.52	142	5229	7.93	ug/l	100
11) Tert butyl alcohol	3.02	59	2338	3.53	ug/l	# 85
13) Acrolein	2.29	56	396	5.29	ug/l	# 68
15) Acrylonitrile	3.15	53	992	0.70	ug/l	# 86
16) Acetone	2.45	43	1382	1.00	ug/l	# 86
17) Carbon Disulfide	2.57	76	3399	0.54	ug/l	98
20) Methylene Chloride	2.86	84	1401	0.52	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	693	0.27	ug/l	# 69
25) 2-Butanone	4.72	43	446	0.22	ug/l	# 52
27) cis-1,2-Dichloroethene	4.59	96	2894	1.00	ug/l	# 1
29) Tetrahydrofuran	5.18	42	1178	0.90	ug/l	# 73
30) Chloroform	5.22	83	1354	0.27	ug/l	89
36) 1,1-Dichloropropene	5.80	75	744	0.21	ug/l	# 79
38) Carbon Tetrachloride	5.67	117	22210	5.61	ug/l	# 16
44) Trichloroethene	7.22	130	1317	0.42	ug/l	75
60) Dibromochloromethane	9.34	129	21335	7.34	ug/l	# 11
64) Tetrachloroethene	9.34	164	24205	7.22	ug/l	98
68) m/p-Xylenes	10.37	106	1016	0.21	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	84563	28.15	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.14	75	84563	79.54	ug/l	# 7
87) 1,3-Dichlorobenzene	12.04	146	1279	0.22	ug/l	95
88) 1,4-Dichlorobenzene	12.04	146	1279	0.21	ug/l	95
89) n-Butylbenzene	12.39	91	1771	0.20	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	1536	0.36	ug/l	93
94) Hexachlorobutadiene	13.79	225	612	0.29	ug/l	94
95) Naphthalene	13.84	128	2808	0.25	ug/l	# 94
96) 1,2,3-Trichlorobenzene	14.02	180	1255	0.29	ug/l	97

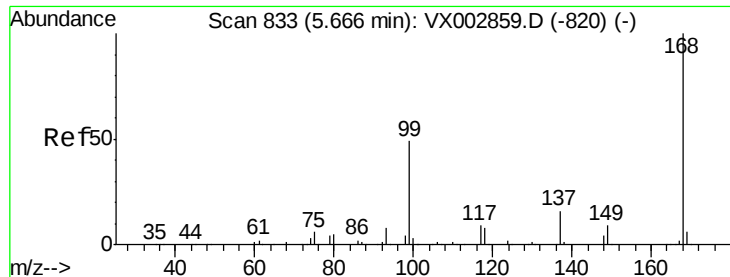
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA_X

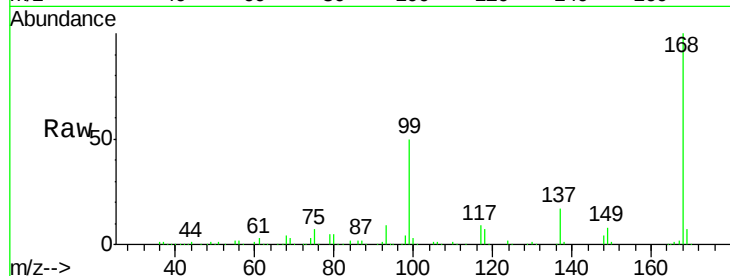
ClientSampled :

Tot Ion:168 Resp: 240311

Ion Ratio Lower Upper

168 100

99 50.3 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

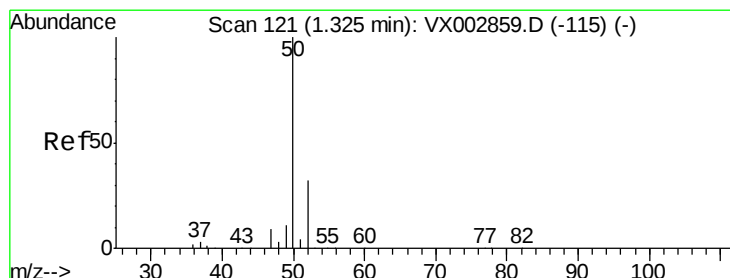
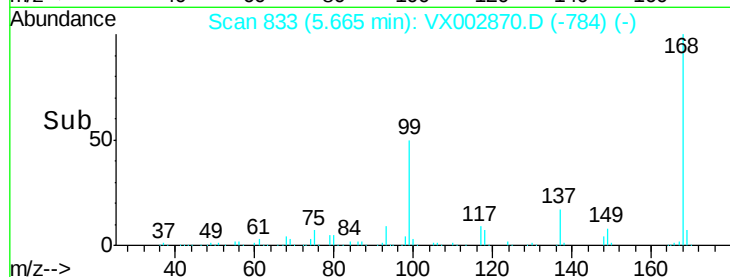
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002870.D

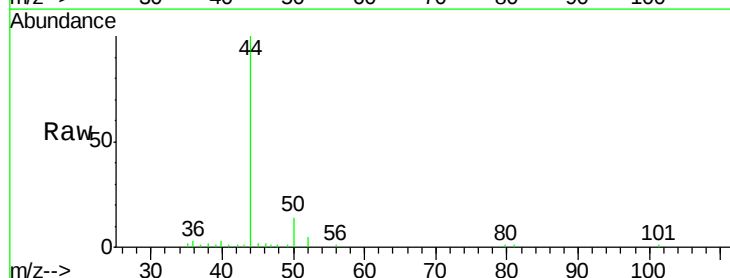
Acq: 25 Jun 2018 20:22

Tgt Ion: 50 Resp: 1462

Ion Ratio Lower Upper

50 100

52 35.2 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

1200

1000

800

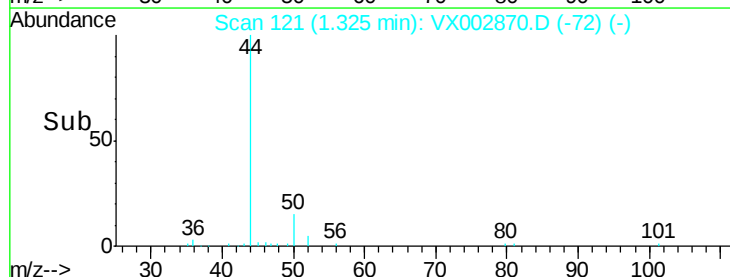
600

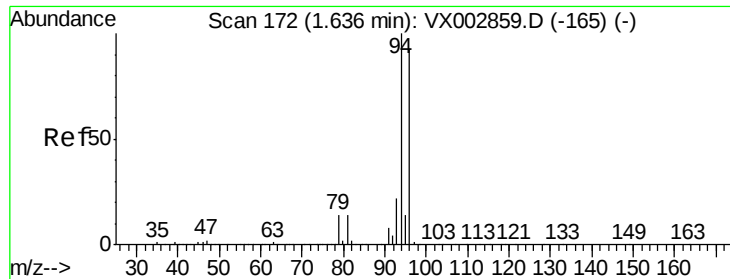
400

200

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA_X

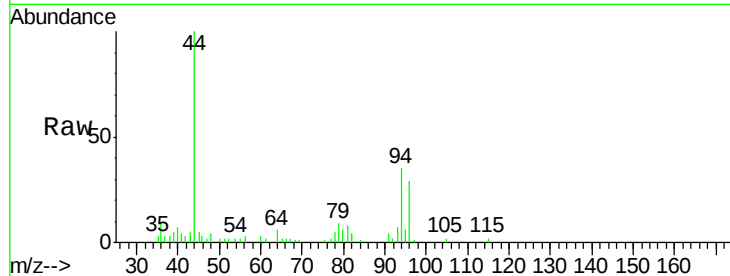
ClientSampleId :

Tot Ion: 94 Resp: 2749

Ion Ratio Lower Upper

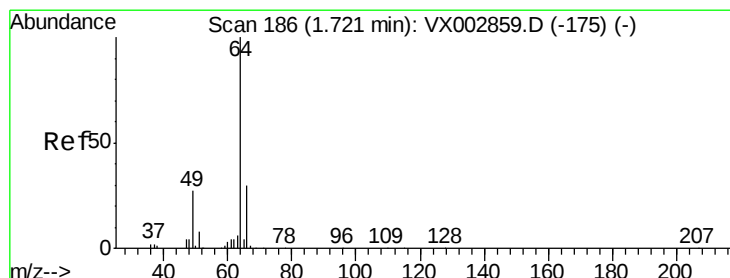
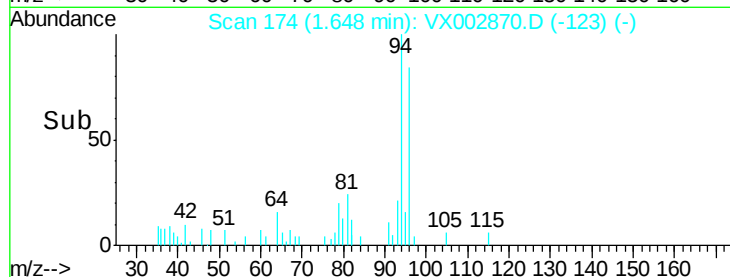
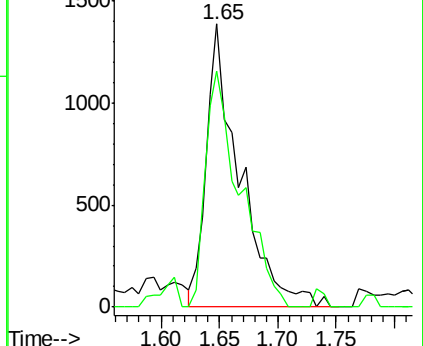
94 100

96 83.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX002870.D

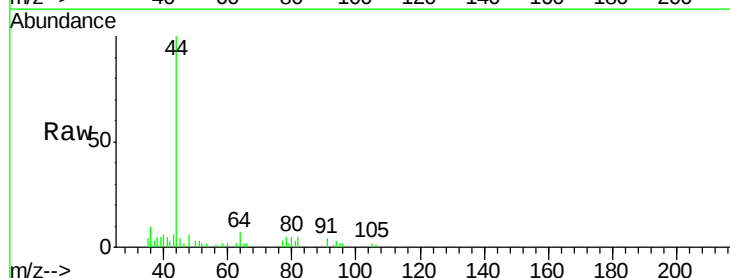
Acq: 25 Jun 2018 20:22

Tgt Ion: 64 Resp: 75

Ion Ratio Lower Upper

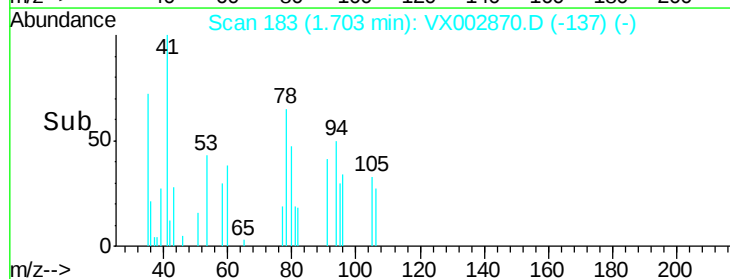
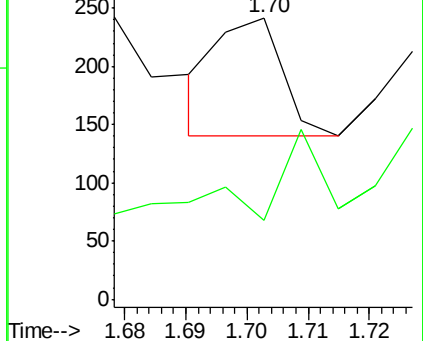
64 100

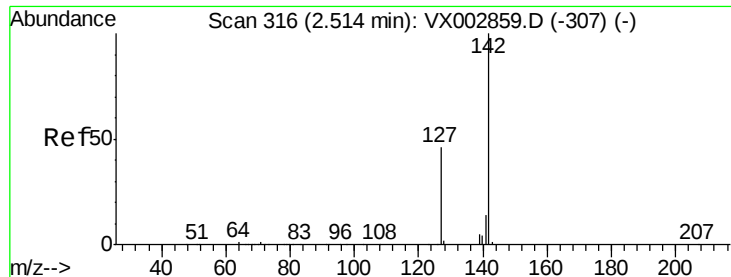
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

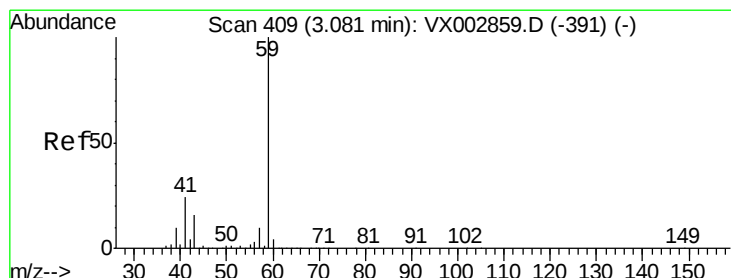
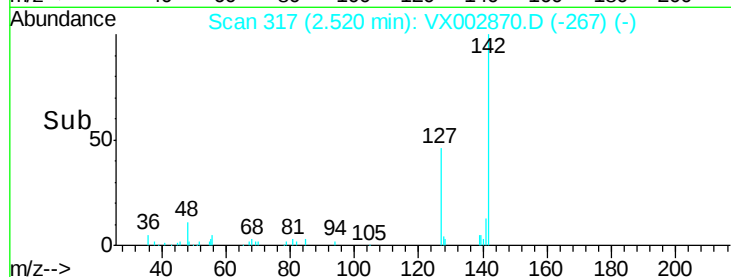
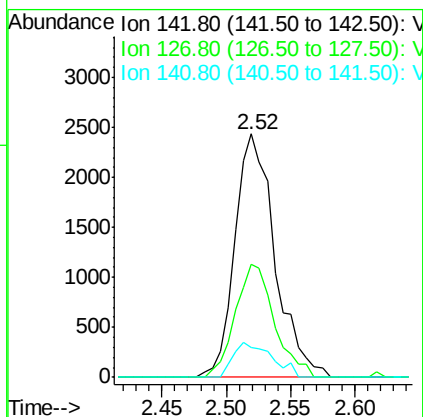
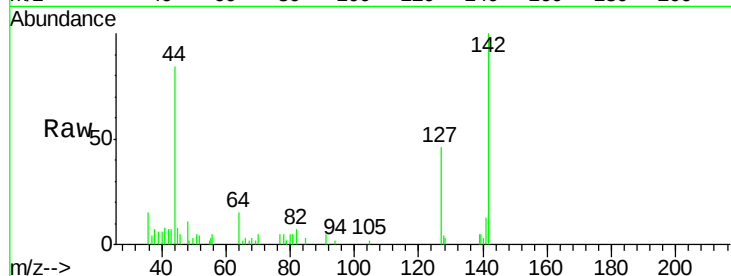




#10
Methyl Iodide
Concen: 7.93 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002870.D
Acq: 25 Jun 2018 20:22

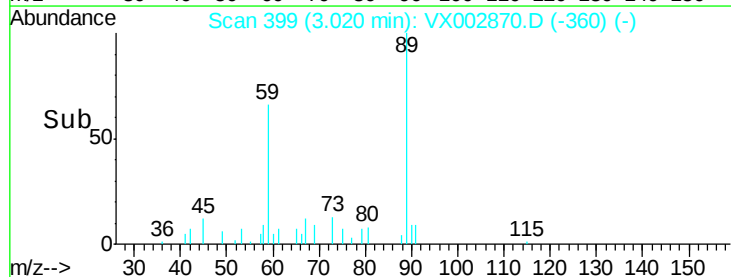
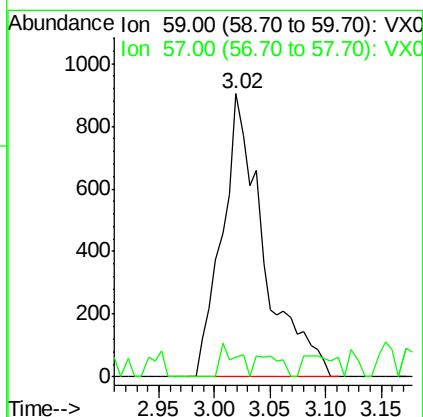
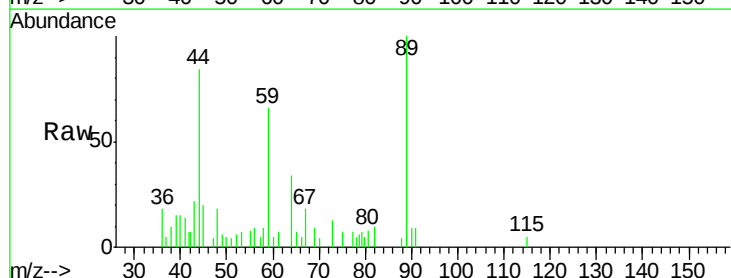
Instrument :
MSVOA_X
ClientSampled :

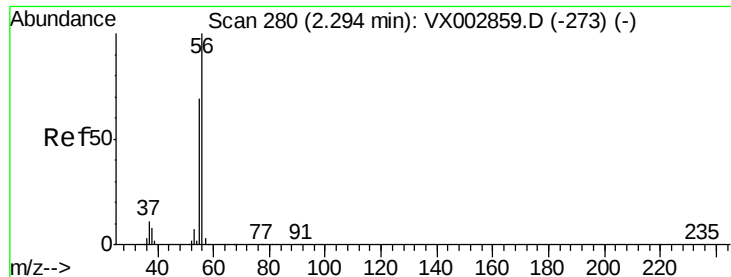
Tot Ion:142 Resp: 5229
Ion Ratio Lower Upper
142 100
127 45.6 36.6 55.0
141 14.0 11.3 16.9



#11
Tert butyl alcohol
Concen: 3.53 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002870.D
Acq: 25 Jun 2018 20:22

Tgt Ion: 59 Resp: 2338
Ion Ratio Lower Upper
59 100
57 4.7 8.2 12.2#





#13

Acrolein

Concen: 5.29 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

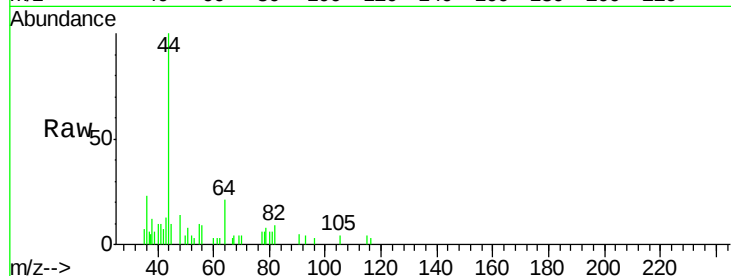
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 396

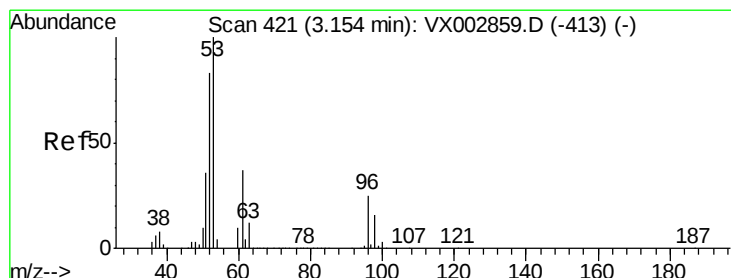
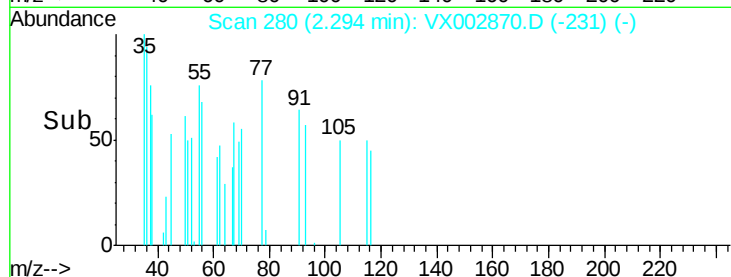
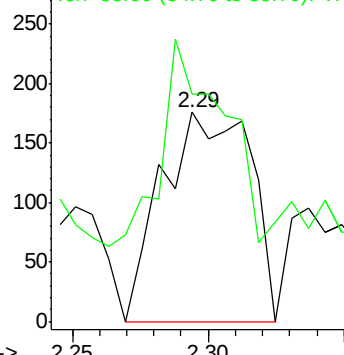
Ion Ratio Lower Upper

56 100

55 97.5 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.70 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

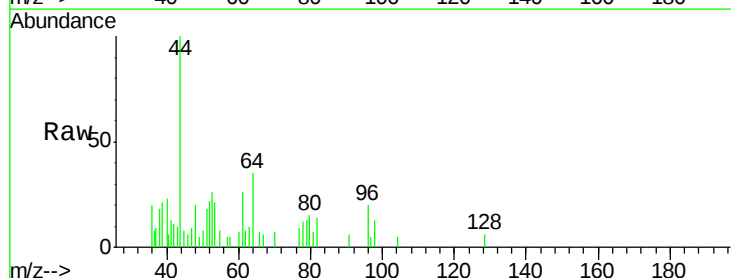
Tgt Ion: 53 Resp: 992

Ion Ratio Lower Upper

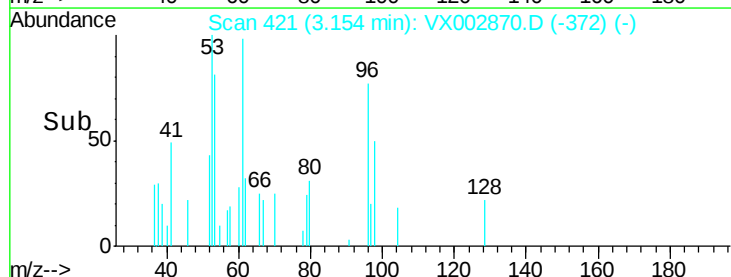
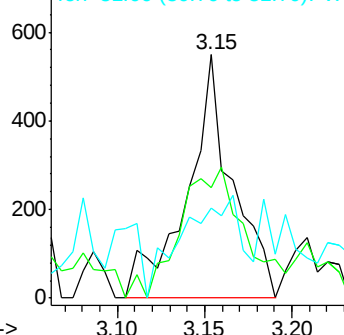
53 100

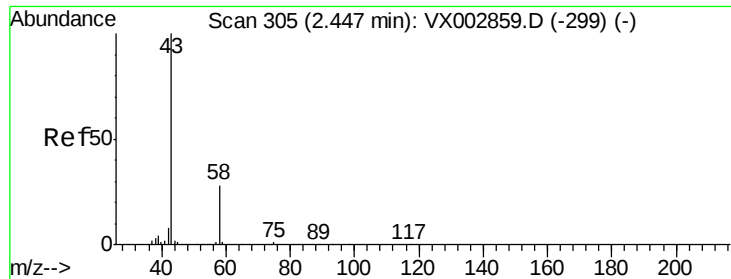
52 77.7 66.7 100.1

51 55.1 29.9 44.9#



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: 1.00 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA_X

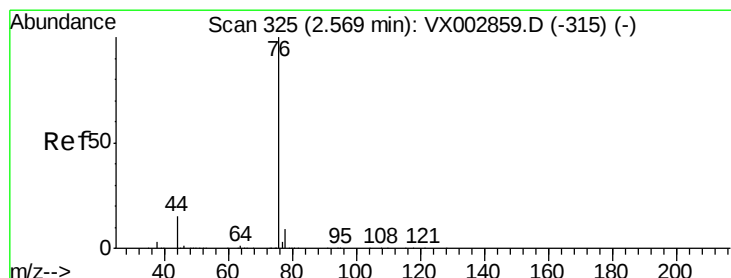
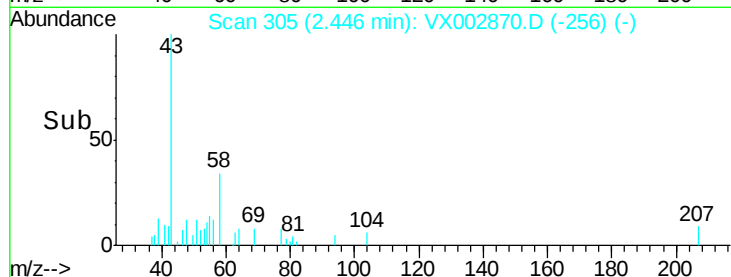
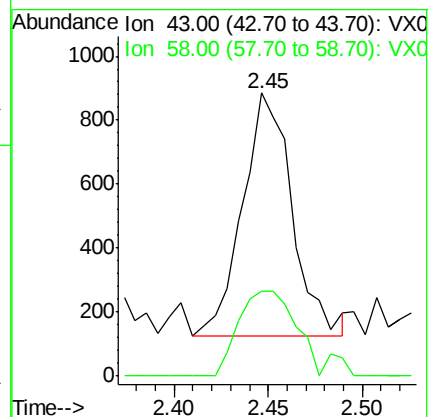
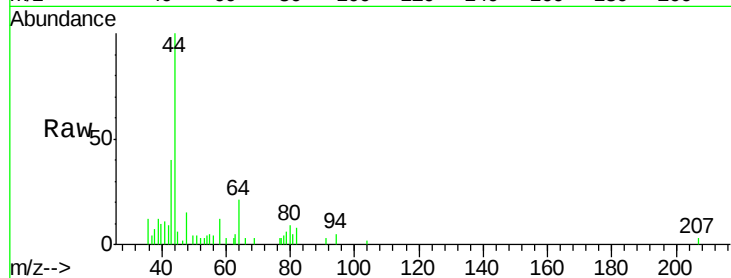
ClientSampleId :

Tot Ion: 43 Resp: 1382

Ion Ratio Lower Upper

43 100

58 35.0 22.1 33.1#



#17

Carbon Disulfide

Concen: 0.54 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002870.D

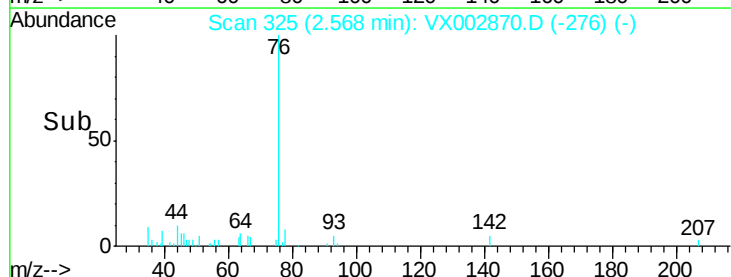
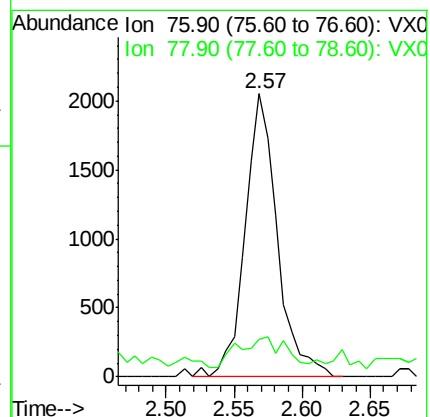
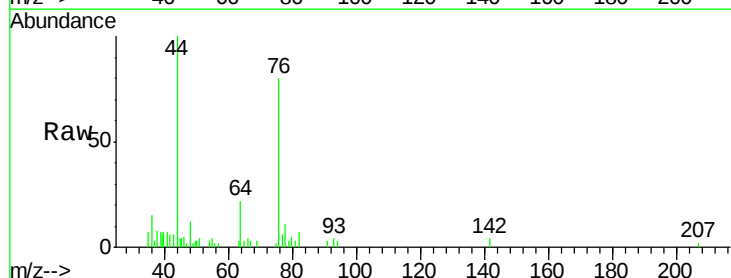
Acq: 25 Jun 2018 20:22

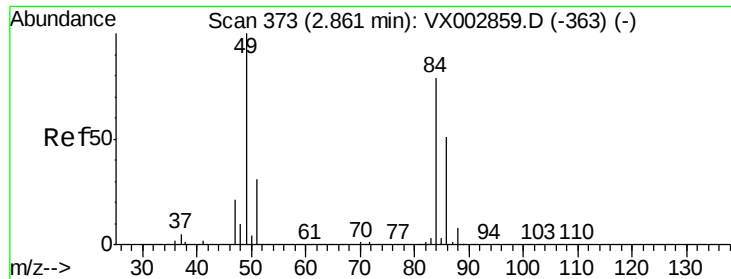
Tgt Ion: 76 Resp: 3399

Ion Ratio Lower Upper

76 100

78 7.7 6.9 10.3

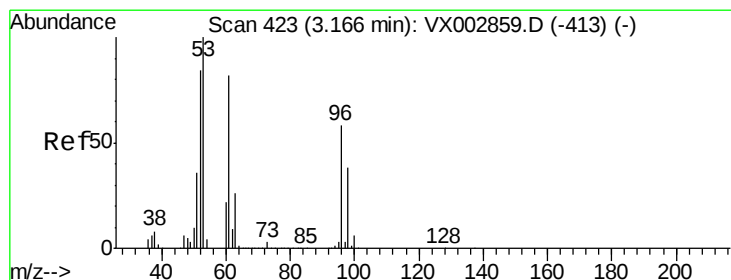
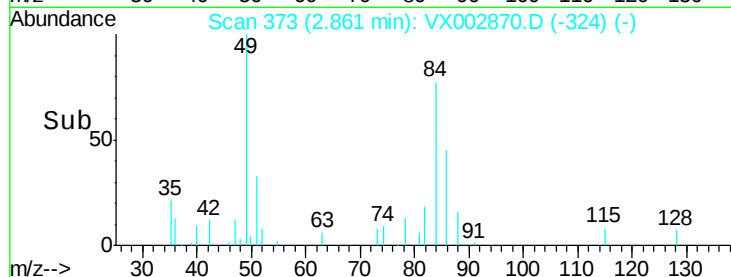
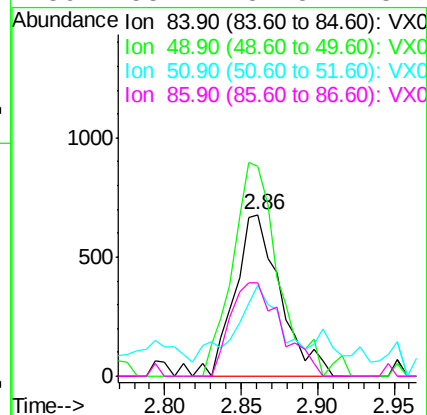
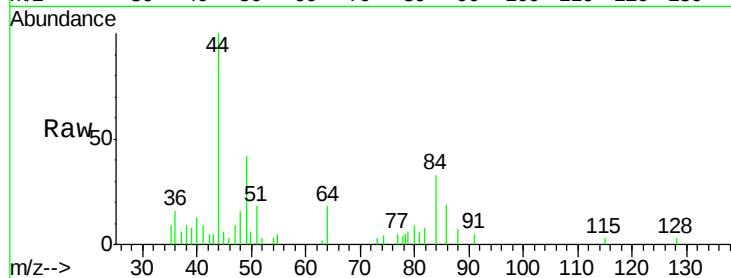




#20
Methvlene Chloride
Concen: 0.52 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002870.D
Acq: 25 Jun 2018 20:22

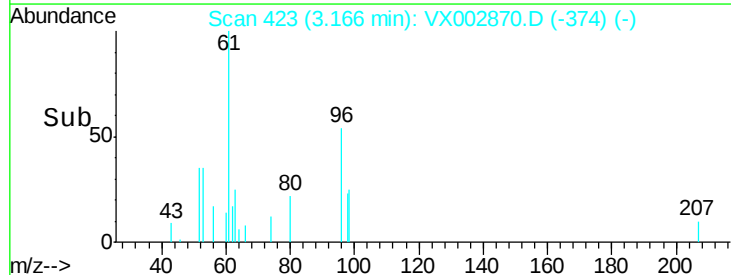
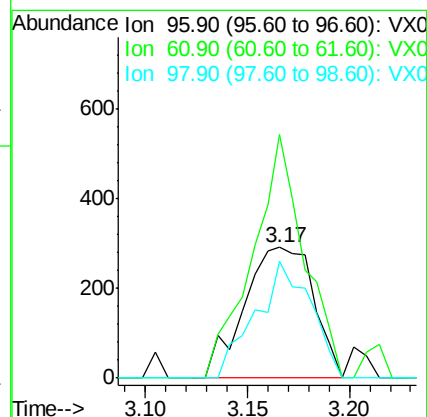
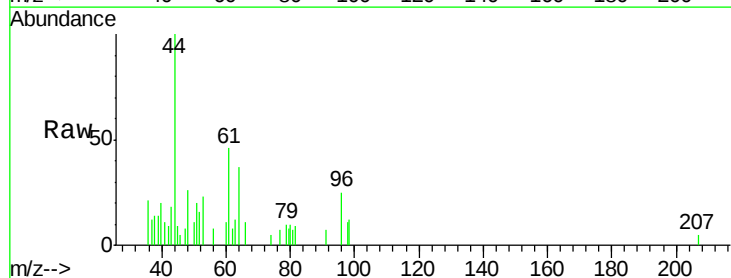
Instrument :
MSVOA_X
ClientSampled :

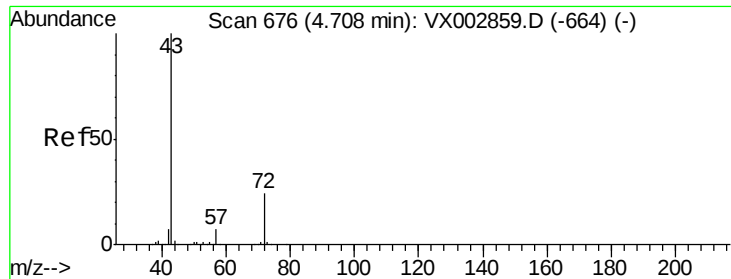
Tot Ion: 84 Resp: 1401
Ion Ratio Lower Upper
84 100
49 130.0 107.8 161.6
51 47.3 32.8 49.2
86 58.2 52.5 78.7



#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002870.D
Acq: 25 Jun 2018 20:22

Tgt Ion: 96 Resp: 693
Ion Ratio Lower Upper
96 100
61 186.0 117.0 175.4#
98 89.0 52.4 78.6#





#25

2-Butanone

Concen: 0.22 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA_X

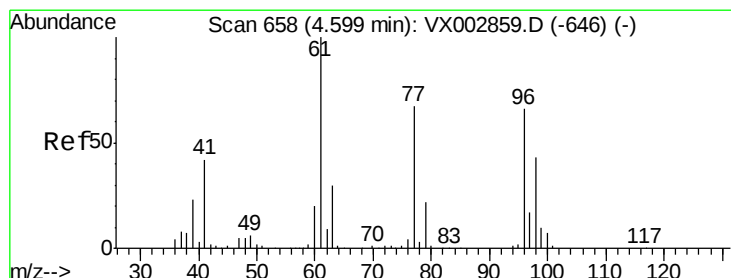
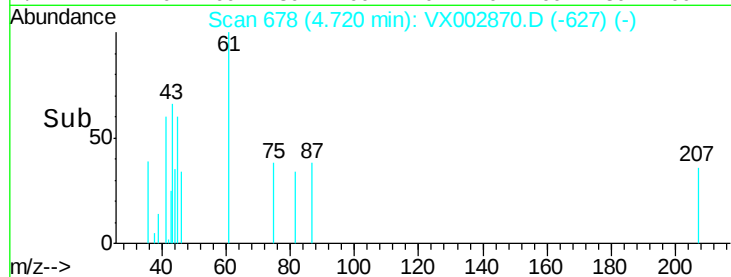
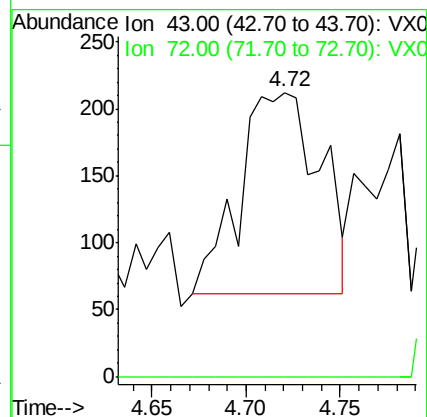
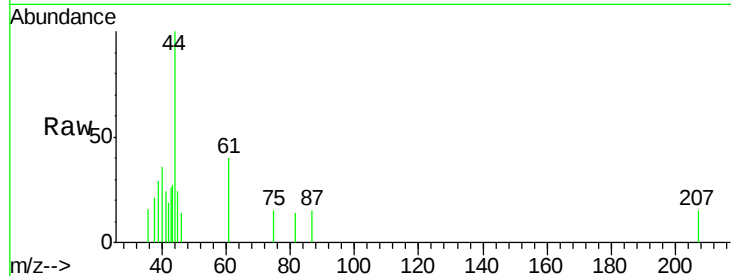
ClientSampled :

Tot Ion: 43 Resp: 446

Ion Ratio Lower Upper

43 100

72 0.0 18.5 27.7#



#27

cis-1,2-Dichloroethene

Concen: 1.00 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

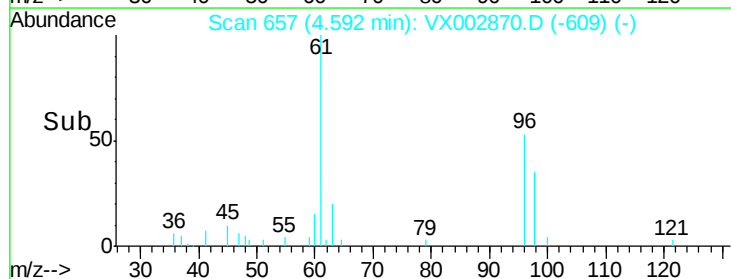
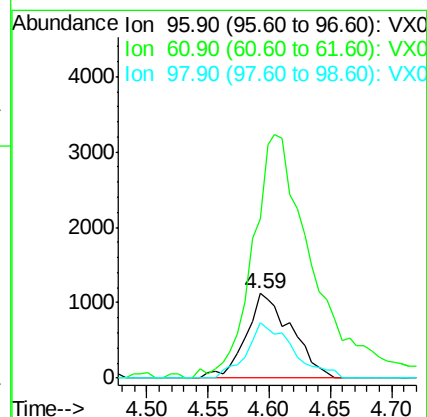
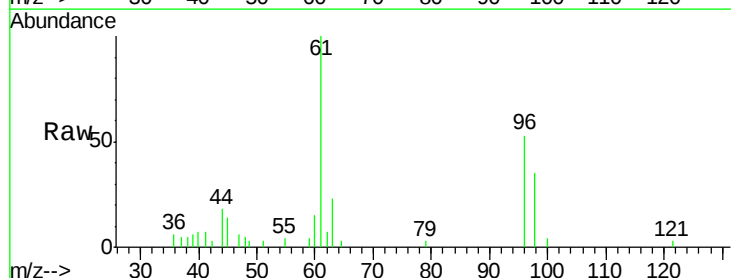
Tgt Ion: 96 Resp: 2894

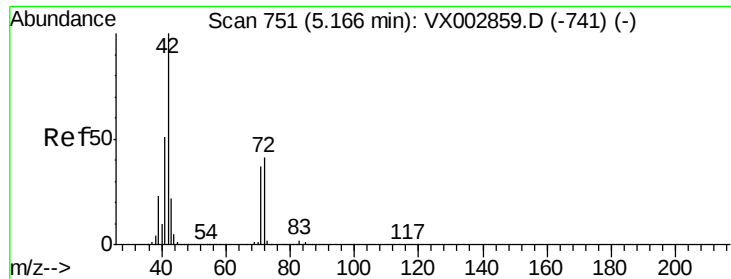
Ion Ratio Lower Upper

96 100

61 390.6 0.0 330.2#

98 65.9 0.0 130.2

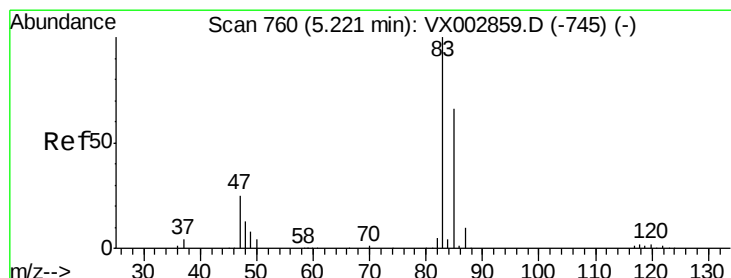
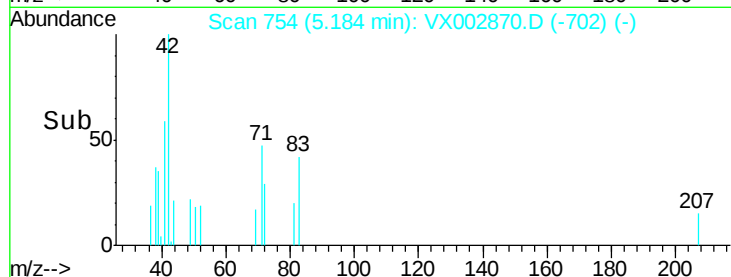
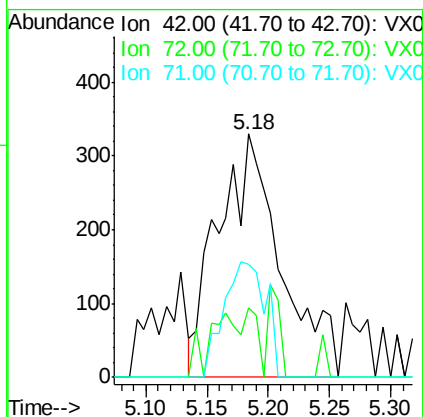
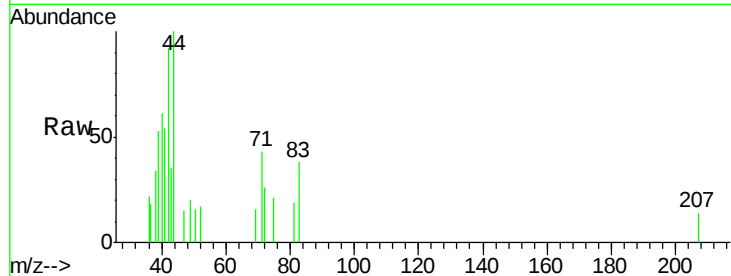




#29
Tetrahydrofuran
Concen: 0.90 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002870.D
Acq: 25 Jun 2018 20:22

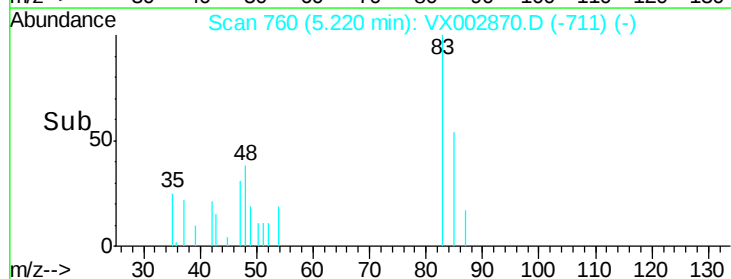
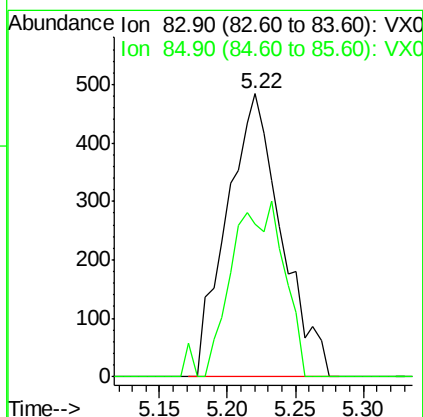
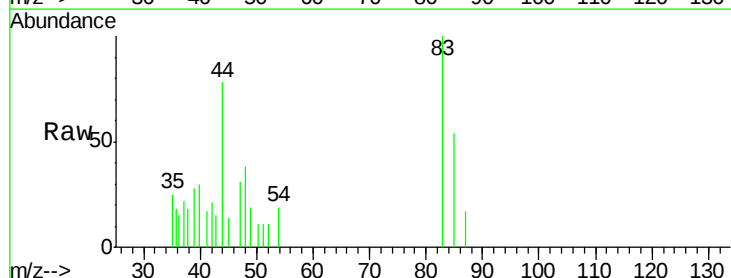
Instrument :
MSVOA_X
ClientSampled :

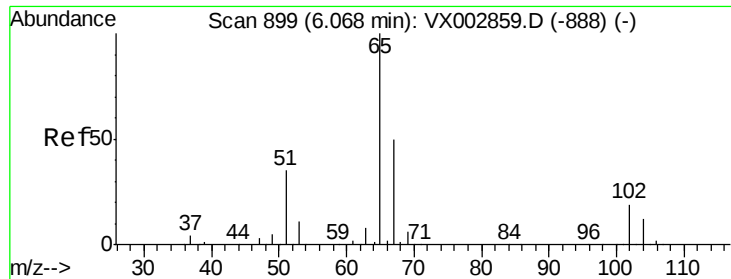
Tot Ion: 42 Resp: 1178
Ion Ratio Lower Upper
42 100
72 13.2 32.0 48.0#
71 31.7 30.1 45.1



#30
Chloroform
Concen: 0.27 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002870.D
Acq: 25 Jun 2018 20:22

Tgt Ion: 83 Resp: 1354
Ion Ratio Lower Upper
83 100
85 54.1 50.4 75.6

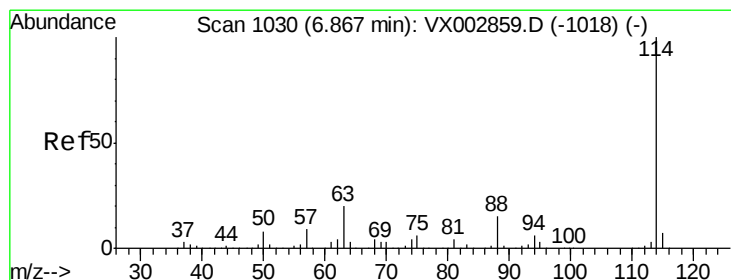
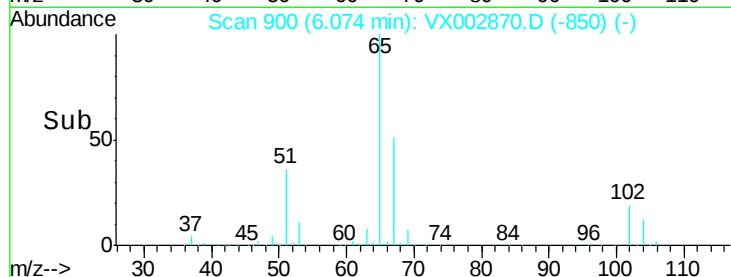
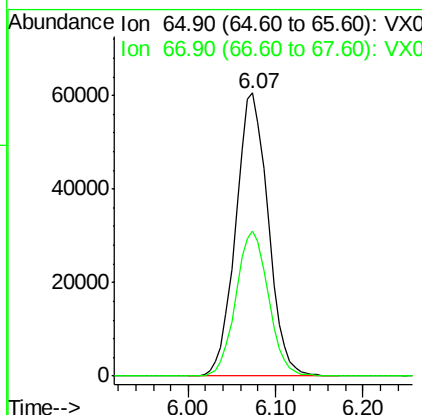
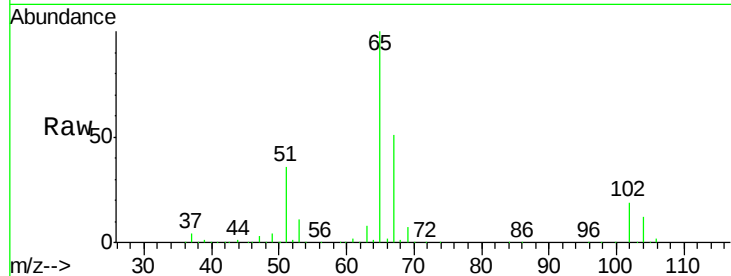




#33
 1,2-Dichloroethane-d4
 Concen: 46.98 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002870.D
 Acq: 25 Jun 2018 20:22

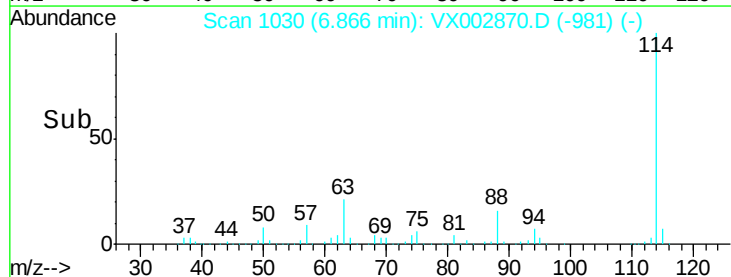
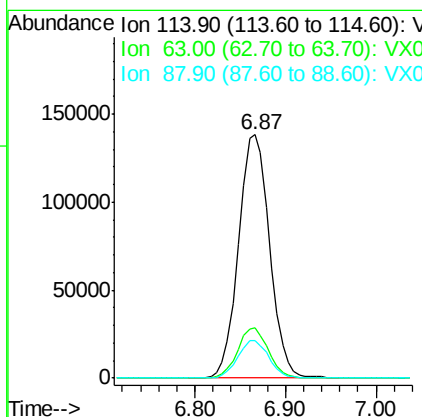
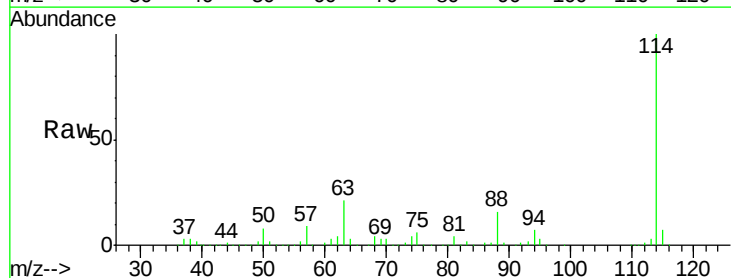
Instrument :
 MSVOA_X
 ClientSampleId :

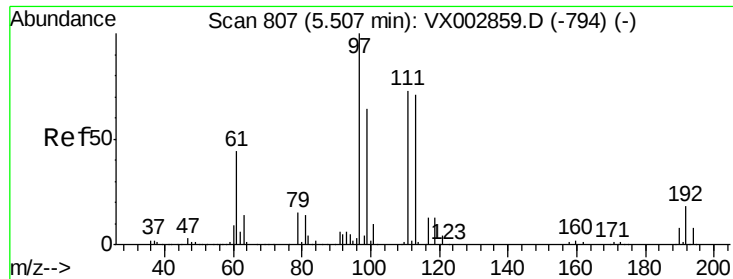
Tot Ion: 65 Resp: 156052
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002870.D
 Acq: 25 Jun 2018 20:22

Tgt Ion: 114 Resp: 328982
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.6 0.0 30.0

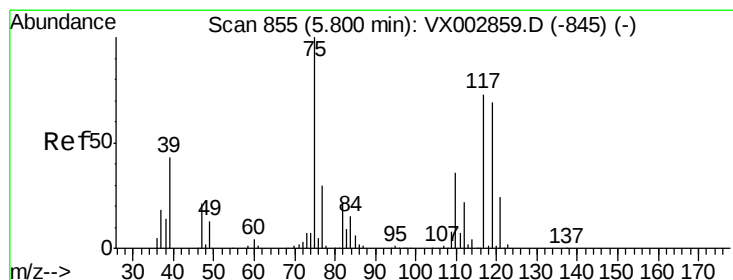
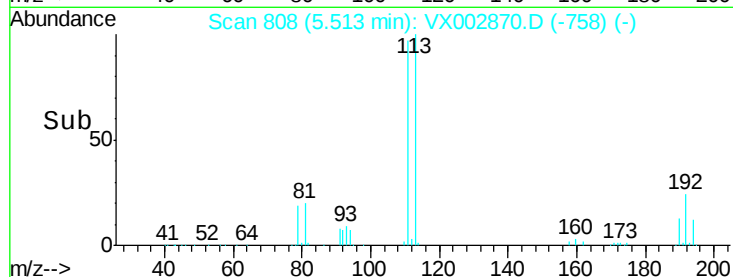
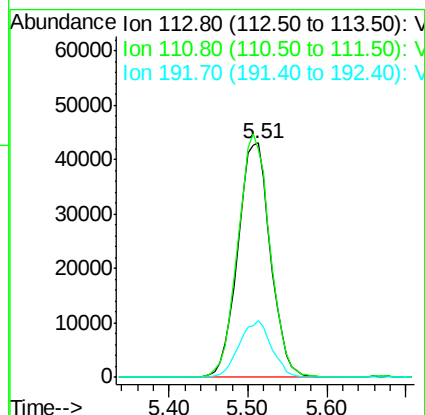
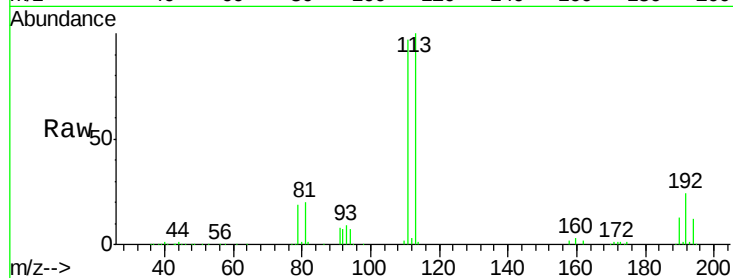




#35
 Dibromofluoromethane
 Concen: 47.66 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002870.D
 Acq: 25 Jun 2018 20:22

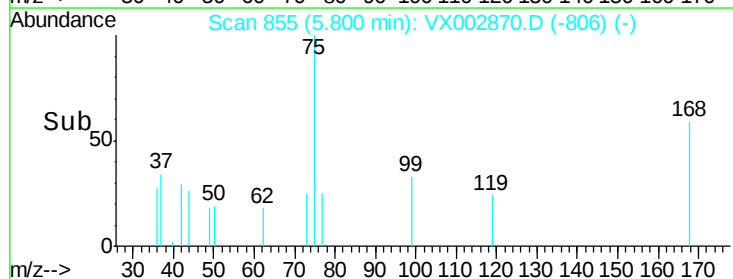
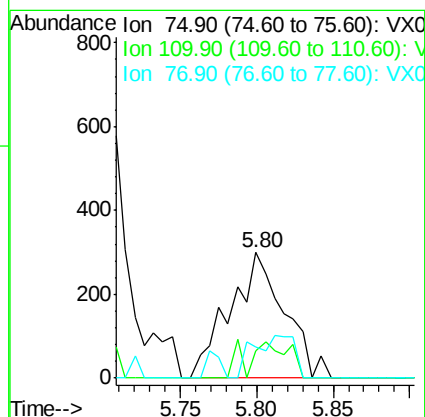
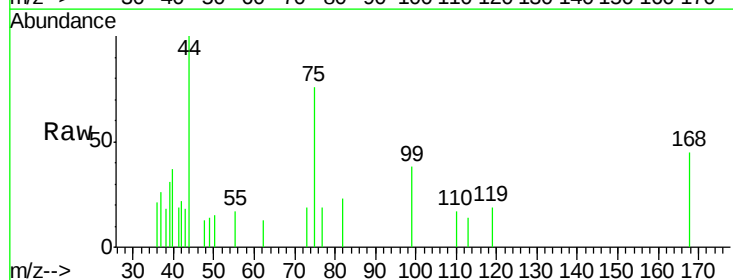
Instrument :
 MSVOA_X
 ClientSampled :

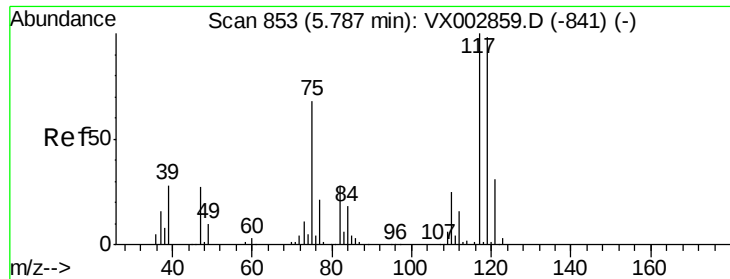
Tot Ion:113 Resp: 124153
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 24.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 0.21 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002870.D
 Acq: 25 Jun 2018 20:22

Tgt Ion: 75 Resp: 744
 Ion Ratio Lower Upper
 75 100
 110 17.5 18.1 54.4#
 77 25.8 24.3 36.5





#38

Carbon Tetrachloride

Concen: 5.61 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

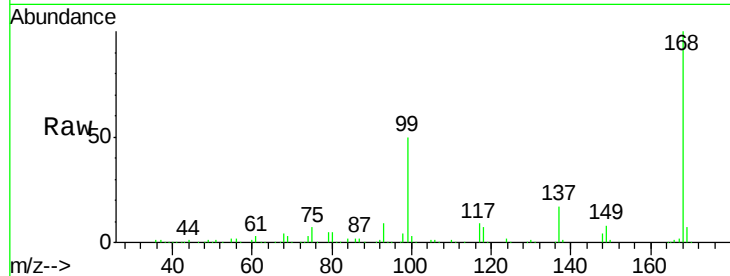
Tot Ion:117 Resp: 22210

Ion Ratio Lower Upper

117 100

119 5.0 77.4 116.0#

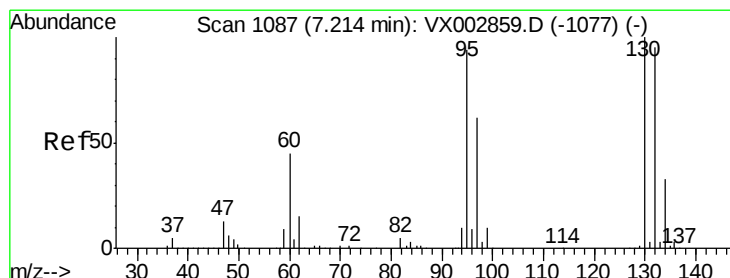
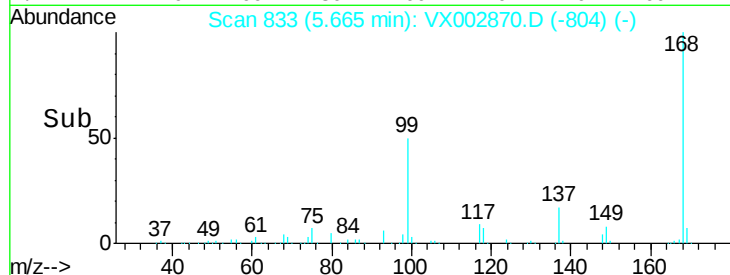
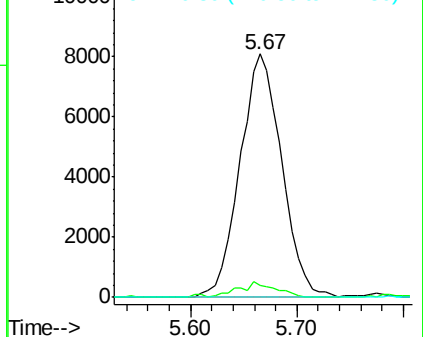
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.42 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002870.D

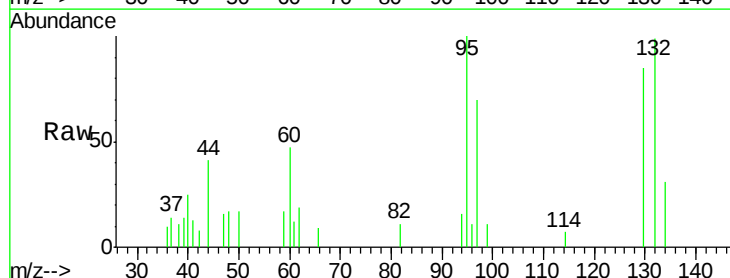
Acq: 25 Jun 2018 20:22

Tgt Ion:130 Resp: 1317

Ion Ratio Lower Upper

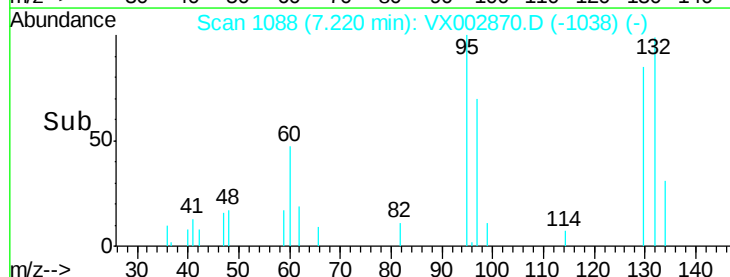
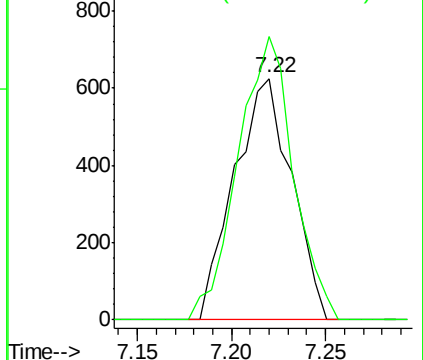
130 100

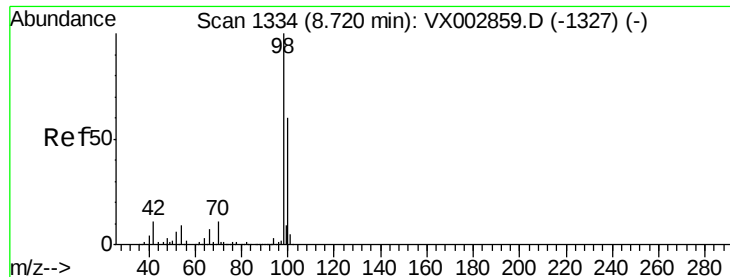
95 117.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.47 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA_X

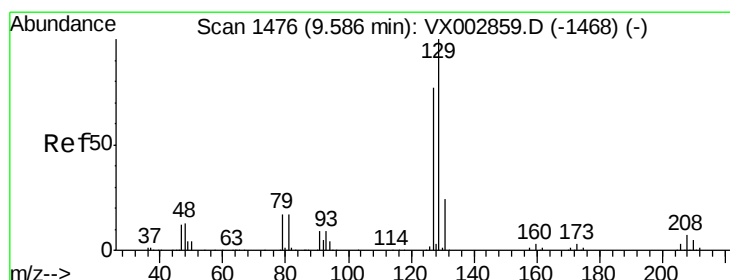
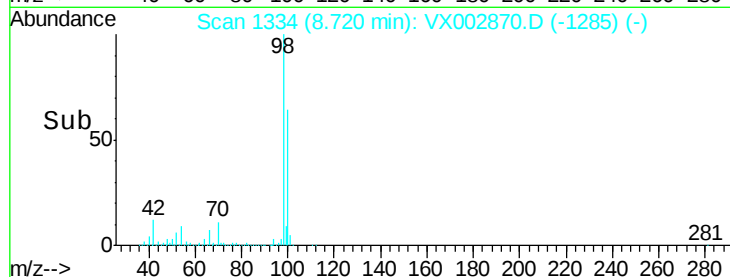
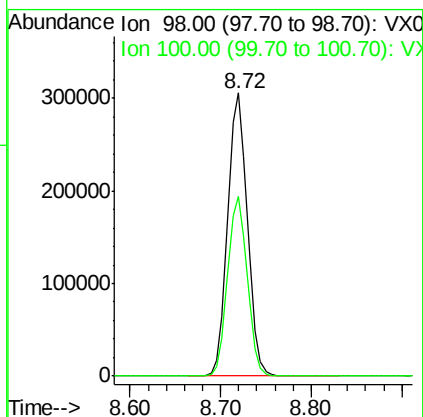
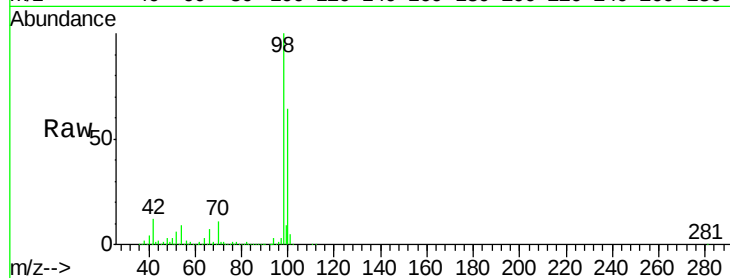
ClientSampleId :

Tot Ion: 98 Resp: 461115

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



#60

Dibromochloromethane

Concen: 7.34 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.25 min

Lab File: VX002870.D

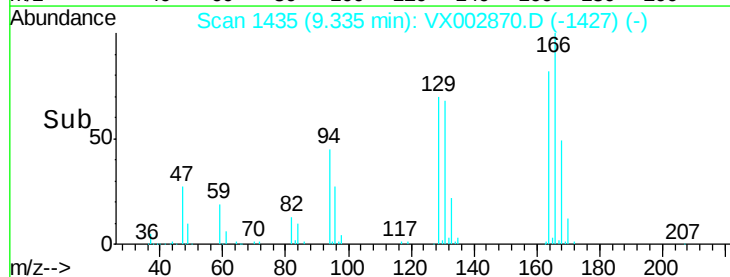
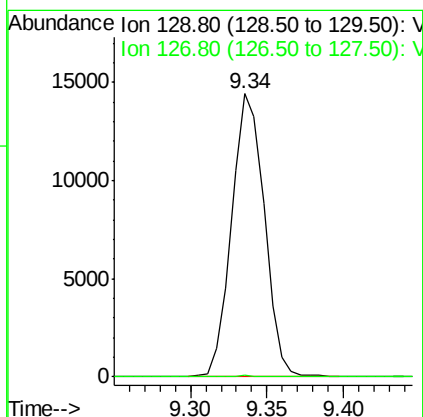
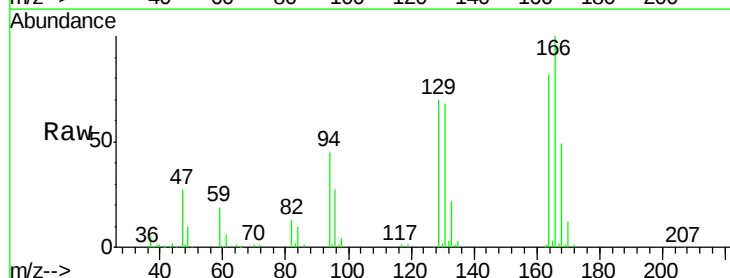
Acq: 25 Jun 2018 20:22

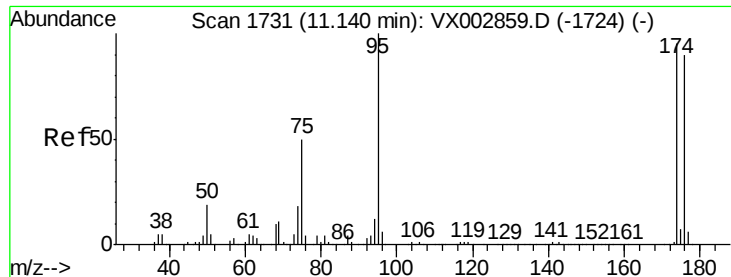
Tgt Ion: 129 Resp: 21335

Ion Ratio Lower Upper

129 100

127 0.2 38.5 115.3#





#62

4-Bromofluorobenzene

Concen: 43.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

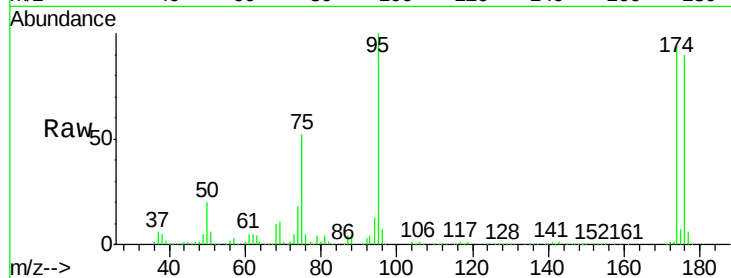
Tot Ion: 95 Resp: 161340

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

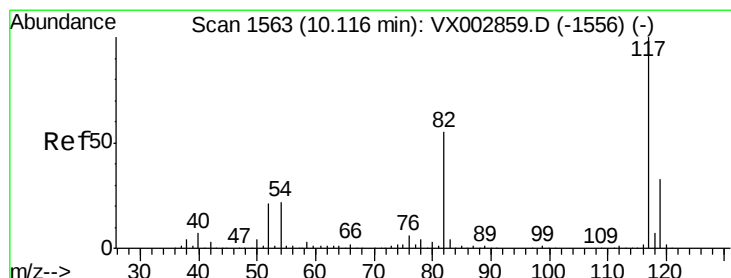
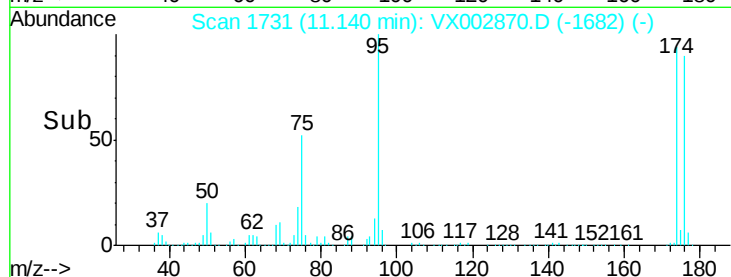
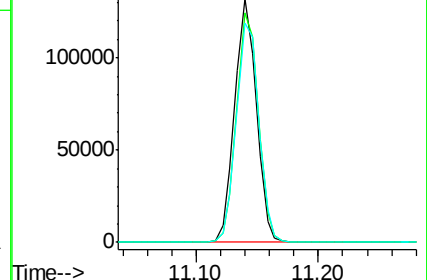
176 93.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

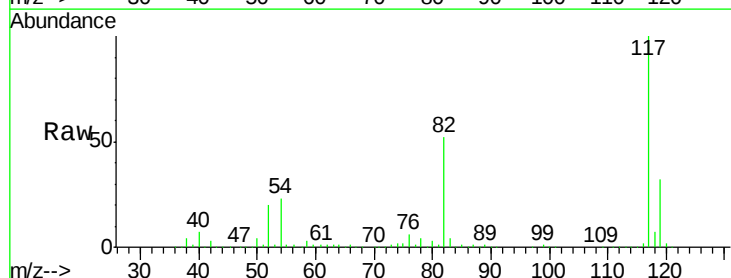
Tgt Ion: 117 Resp: 301630

Ion Ratio Lower Upper

117 100

82 52.4 45.0 67.4

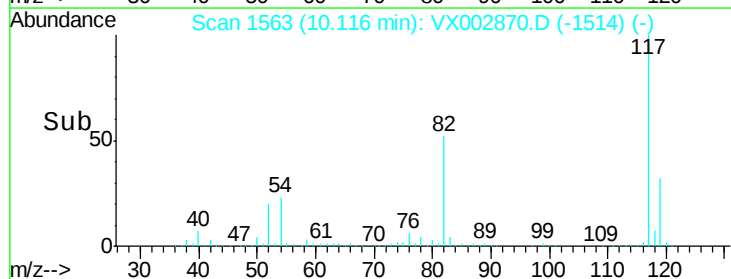
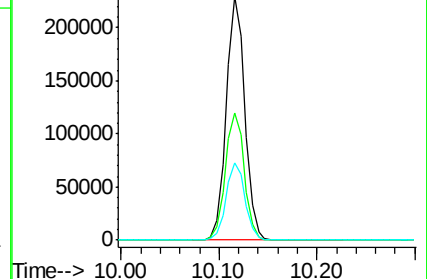
119 31.8 25.8 38.6

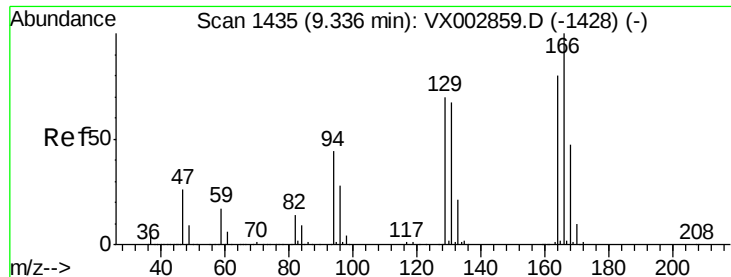


Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)





#64

Tetrachloroethene

Concen: 7.22 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 24205

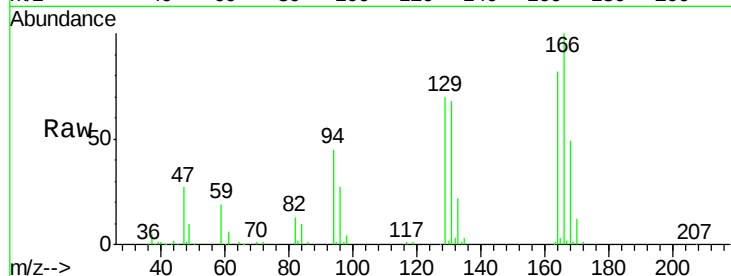
Ion Ratio Lower Upper

164 100

166 122.4 102.9 154.3

129 86.1 68.6 102.8

131 83.5 66.8 100.2

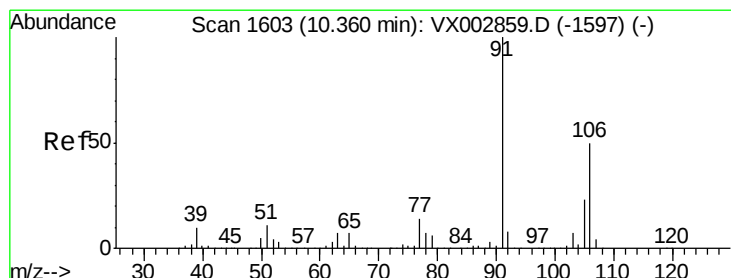
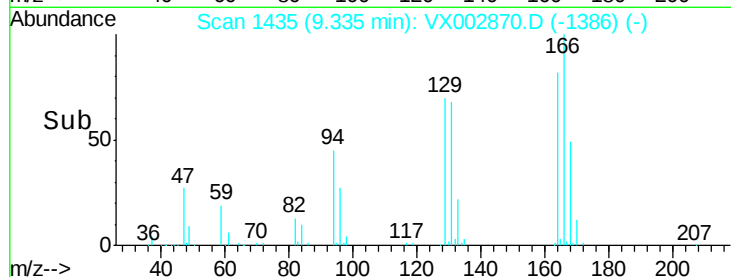
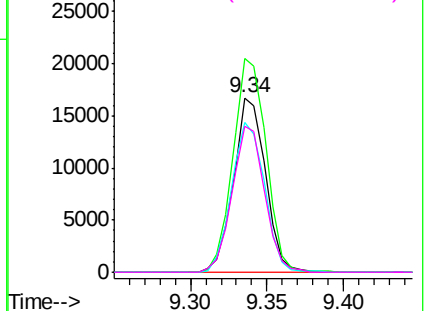


Abundance Ion 163.80 (163.50 to 164.50): V

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



#68

m/p-Xylenes

Concen: 0.21 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002870.D

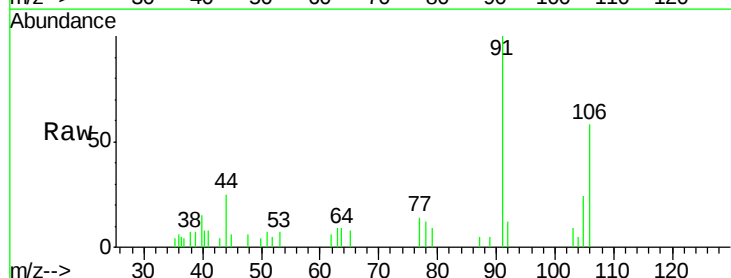
Acq: 25 Jun 2018 20:22

Tgt Ion:106 Resp: 1016

Ion Ratio Lower Upper

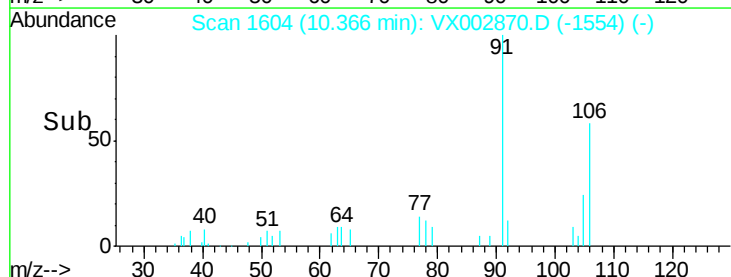
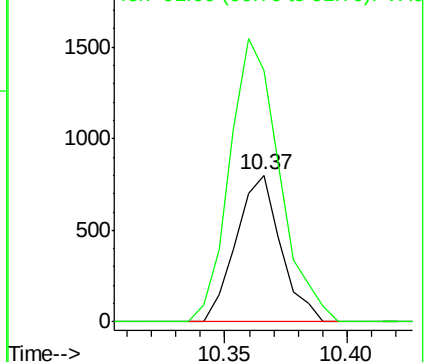
106 100

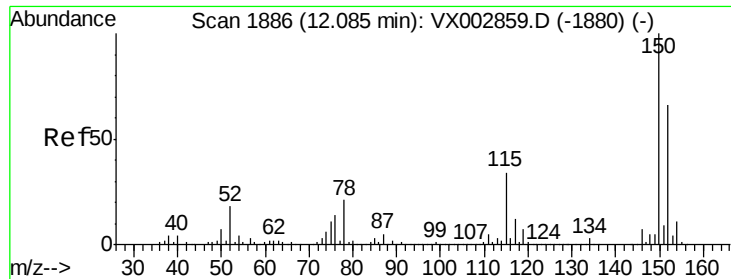
91 214.2 163.4 245.2



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# 1886

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

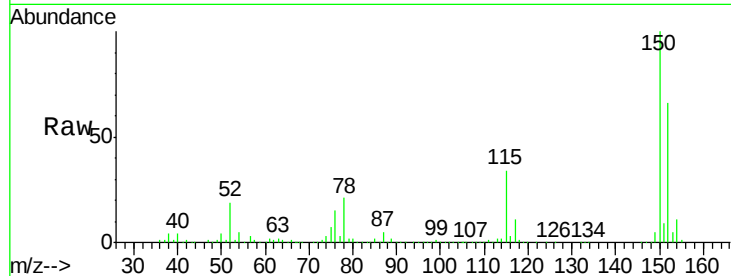
Tot Ion:152 Resp: 165848

Ion Ratio Lower Upper

152 100

115 55.3 40.1 120.2

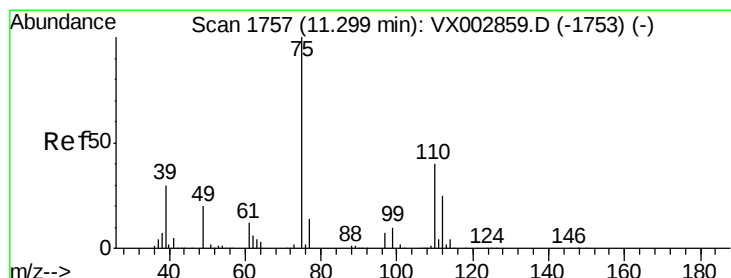
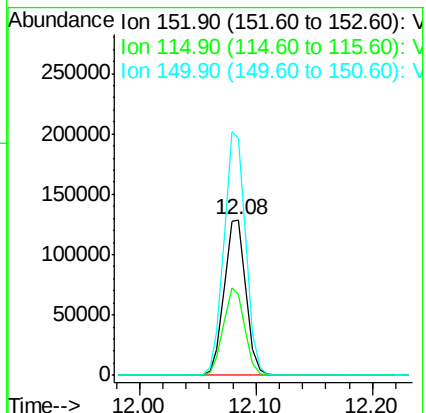
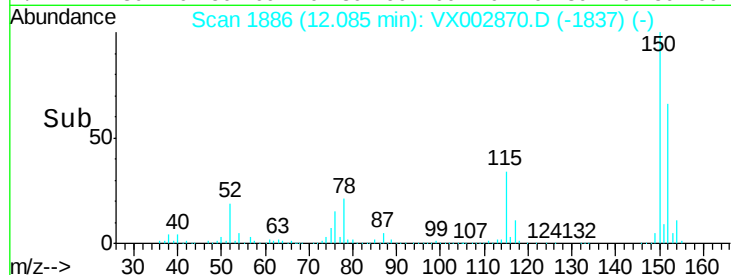
150 156.4 0.0 347.2



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: 28.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002870.D

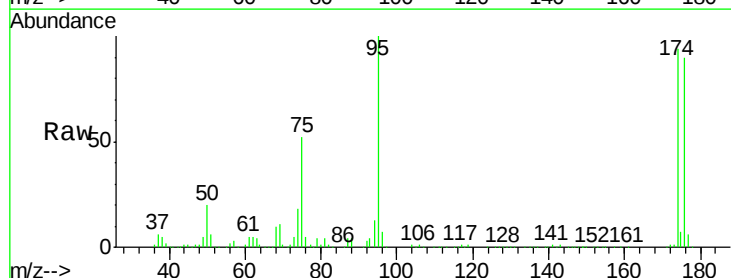
Acq: 25 Jun 2018 20:22

Tgt Ion: 75 Resp: 84563

Ion Ratio Lower Upper

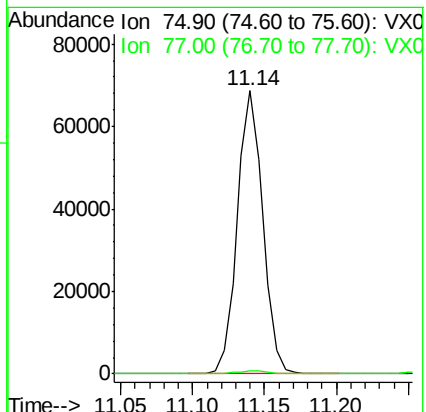
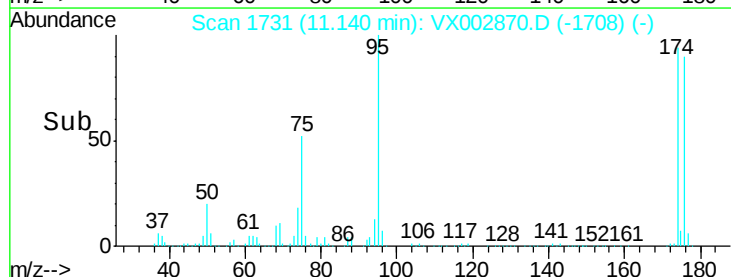
75 100

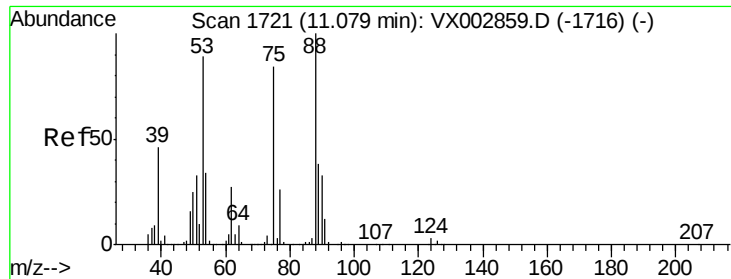
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

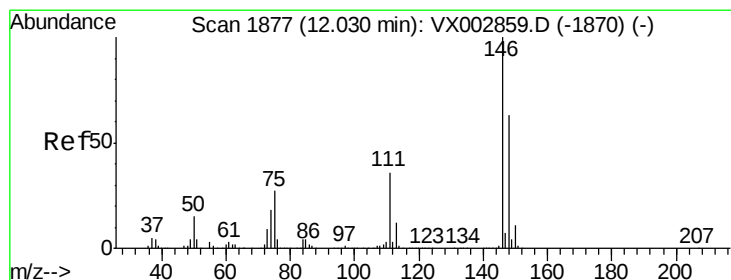
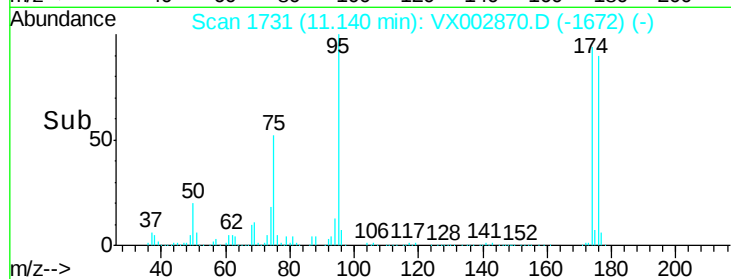
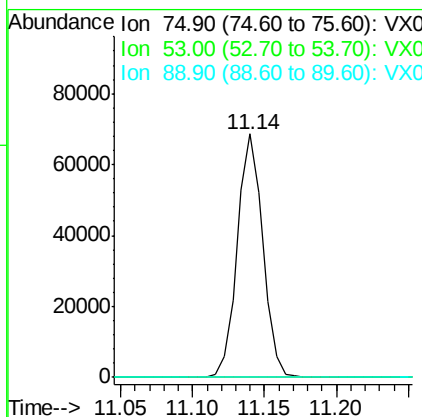
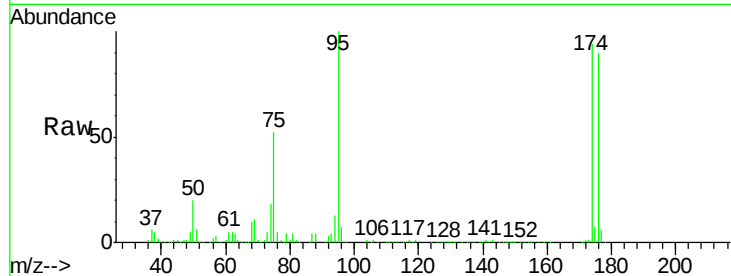




#81
trans-1,4-Dichloro-2-butene
Concen: 79.54 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002870.D
Acq: 25 Jun 2018 20:22

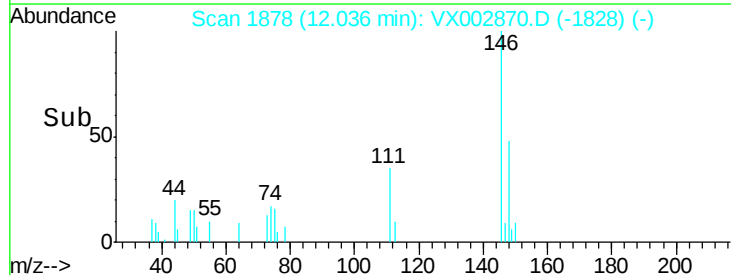
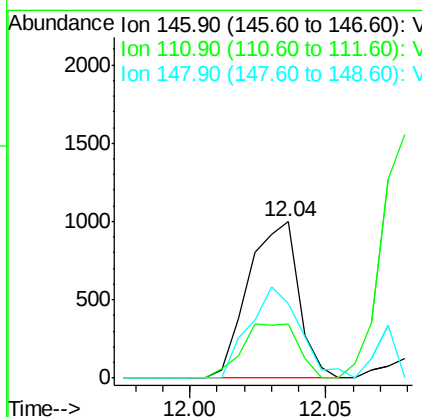
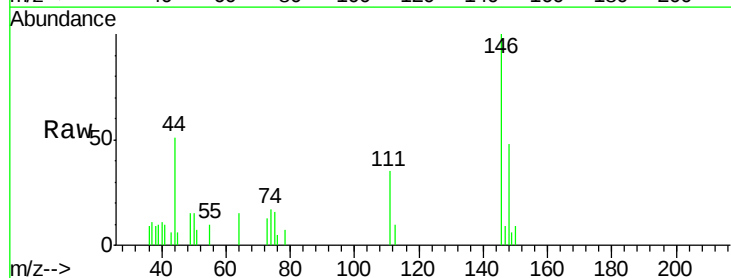
Instrument :
MSVOA_X
ClientSampleId :

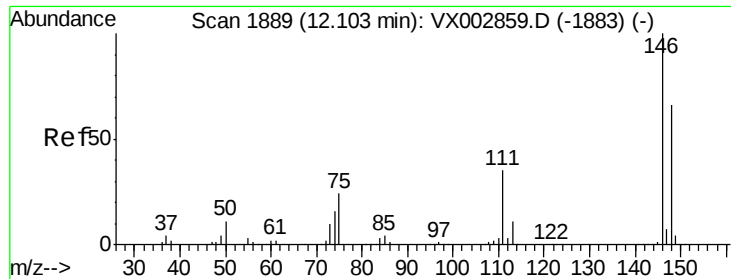
Tot Ion: 75 Resp: 84563
Ion Ratio Lower Upper
75 100
53 0.2 86.8 130.2#
89 0.0 38.2 57.2#



#87
1,3-Dichlorobenzene
Concen: 0.22 ug/l
RT: 12.04 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VX002870.D
Acq: 25 Jun 2018 20:22

Tgt Ion: 146 Resp: 1279
Ion Ratio Lower Upper
146 100
111 38.9 18.9 56.7
148 59.1 32.1 96.3

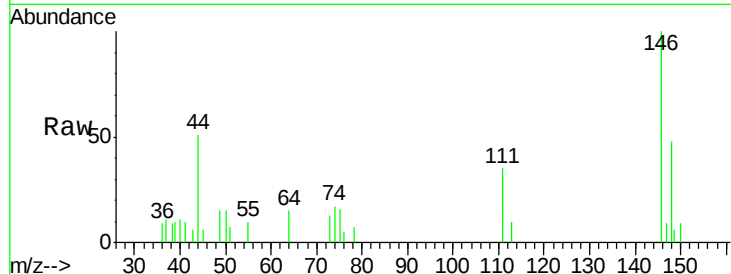




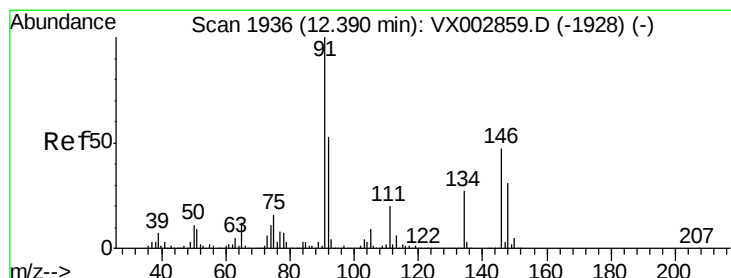
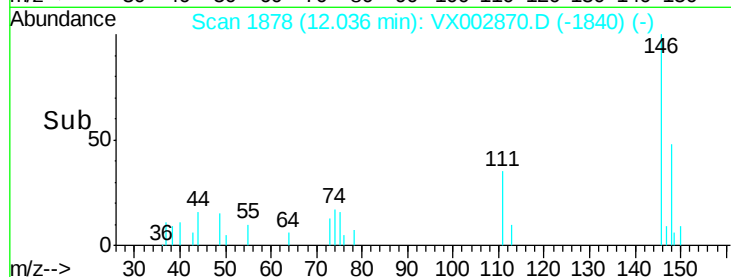
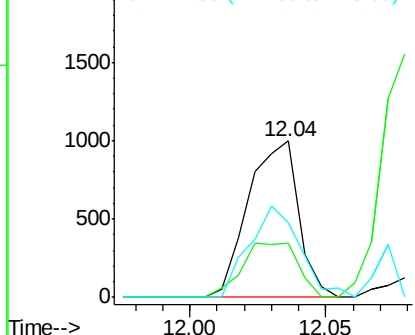
#88
 1,4-Dichlorobenzene
 Concen: 0.21 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.07 min
 Lab File: VX002870.D
 Acq: 25 Jun 2018 20:22

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 1279
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.7 56.1
 148 59.1 32.4 97.0

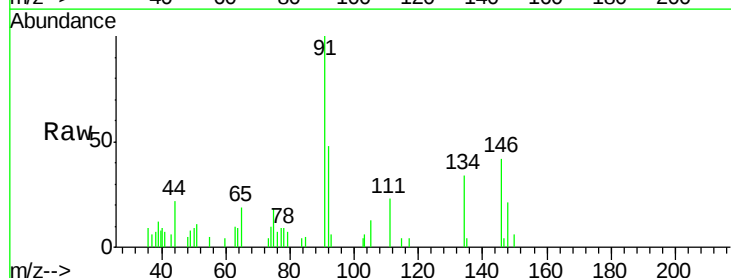


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

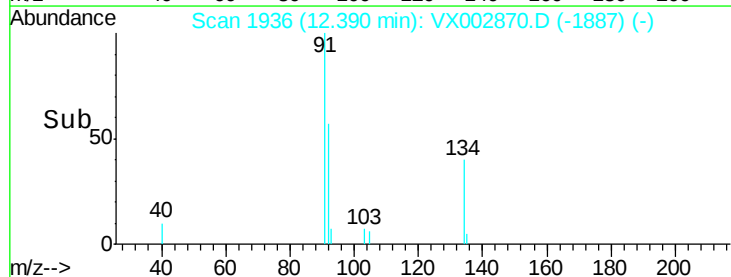
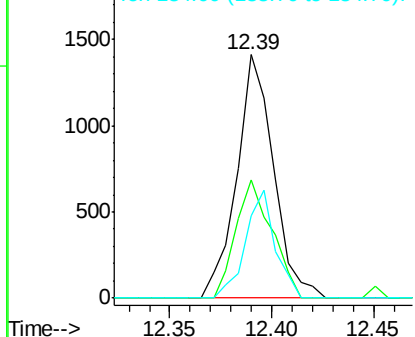


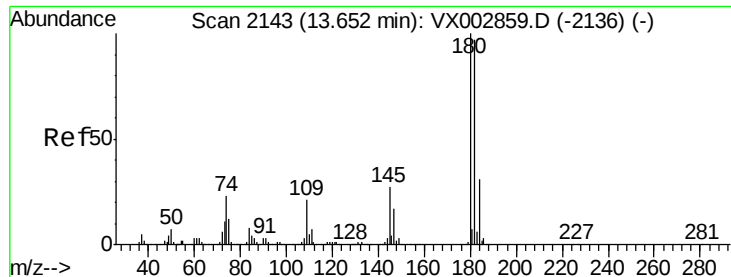
#89
 n-Butylbenzene
 Concen: 0.20 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002870.D
 Acq: 25 Jun 2018 20:22

Tgt Ion: 91 Resp: 1771
 Ion Ratio Lower Upper
 91 100
 92 47.5 26.0 78.0
 134 35.7 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

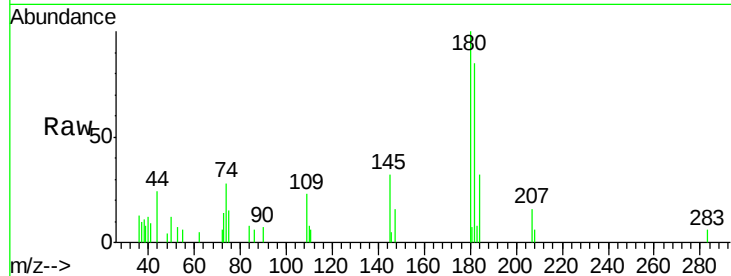




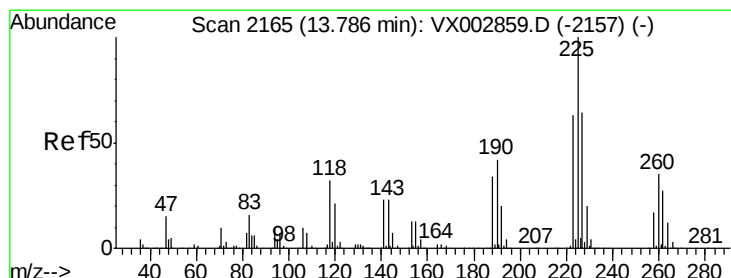
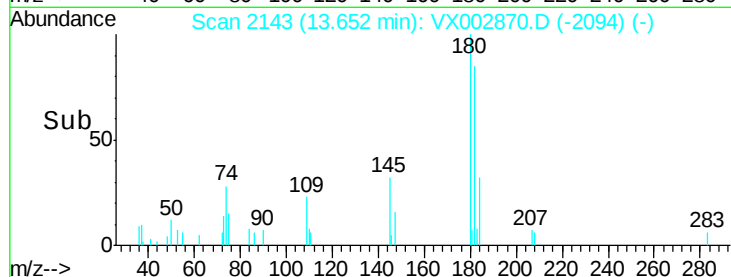
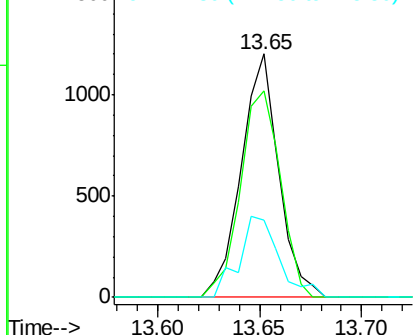
#93
 1,2,4-Trichlorobenzene
 Concen: 0.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002870.D
 Acq: 25 Jun 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 1536
 Ion Ratio Lower Upper
 180 100
 182 90.2 47.7 143.1
 145 35.5 14.1 42.4

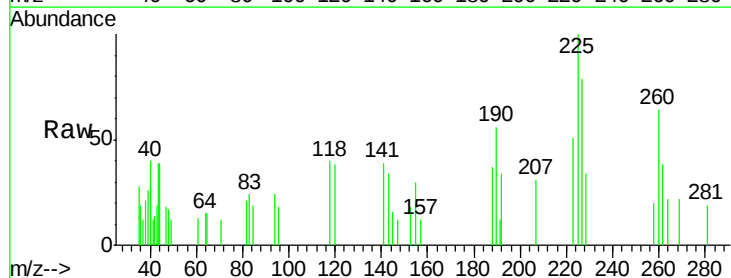


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

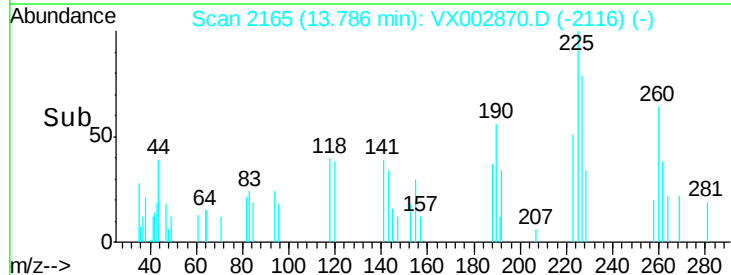
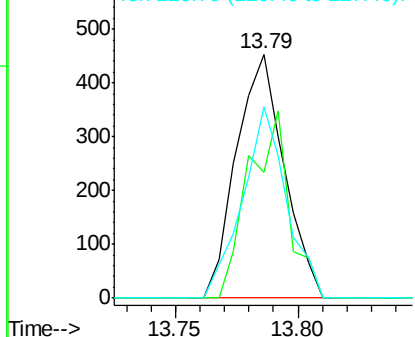


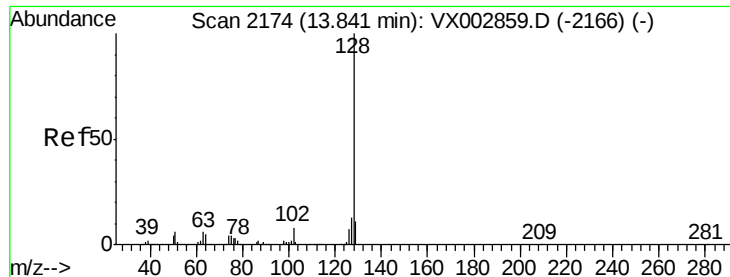
#94
 Hexachlorobutadiene
 Concen: 0.29 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002870.D
 Acq: 25 Jun 2018 20:22

Tgt Ion:225 Resp: 612
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.6 95.0
 227 72.7 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





#95

Naphthalene

Concen: 0.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

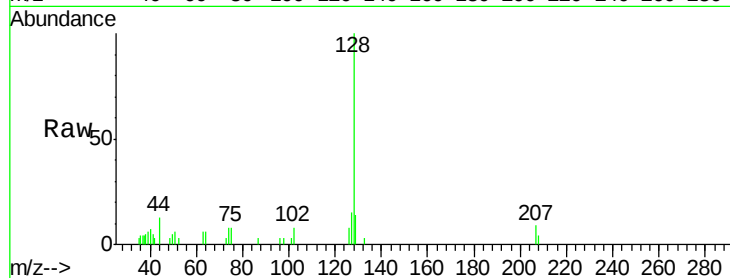
Tot Ion:128 Resp: 2808

Ion Ratio Lower Upper

128 100

127 11.0 10.4 15.6

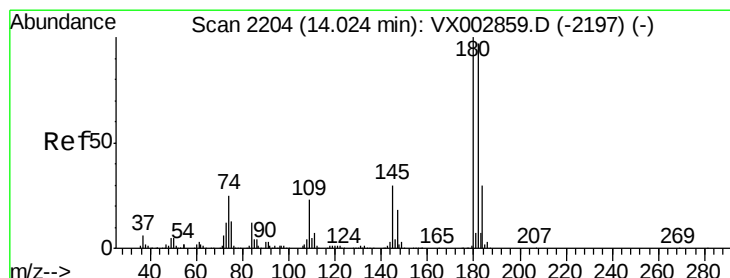
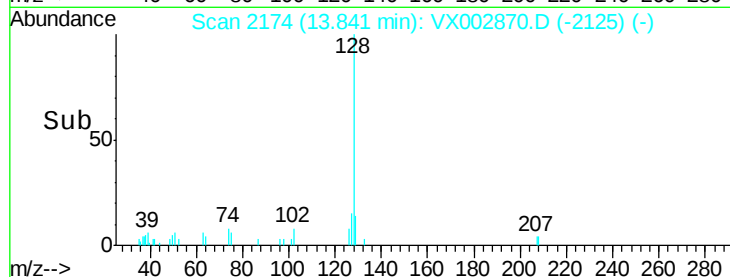
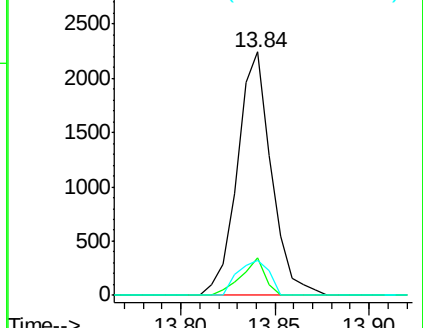
129 13.4 8.6 13.0#



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: 0.29 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

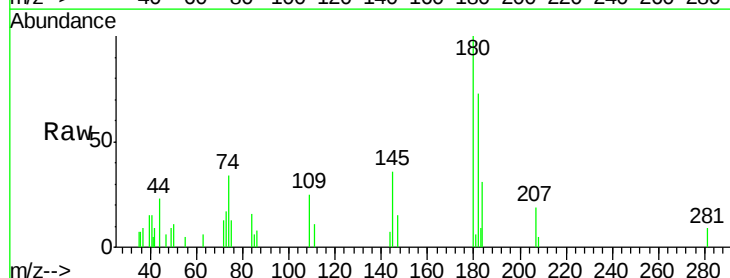
Tgt Ion:180 Resp: 1255

Ion Ratio Lower Upper

180 100

182 98.5 48.0 144.0

145 31.4 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

