

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110118\
 Data File : VX005722.D
 Acq On : 01 Nov 2018 11:56
 Operator : JC/MD
 Sample : VX1101WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 01 14:35:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	233973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	202304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	91459	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	109306	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
35) Dibromofluoromethane	5.51	113	79118	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	8.72	98	288581	50.79	ug/l	0.00
Spiked Amount			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.14	95	92767	44.24	ug/l	0.00
Spiked Amount			Recovery	=	88.48%	

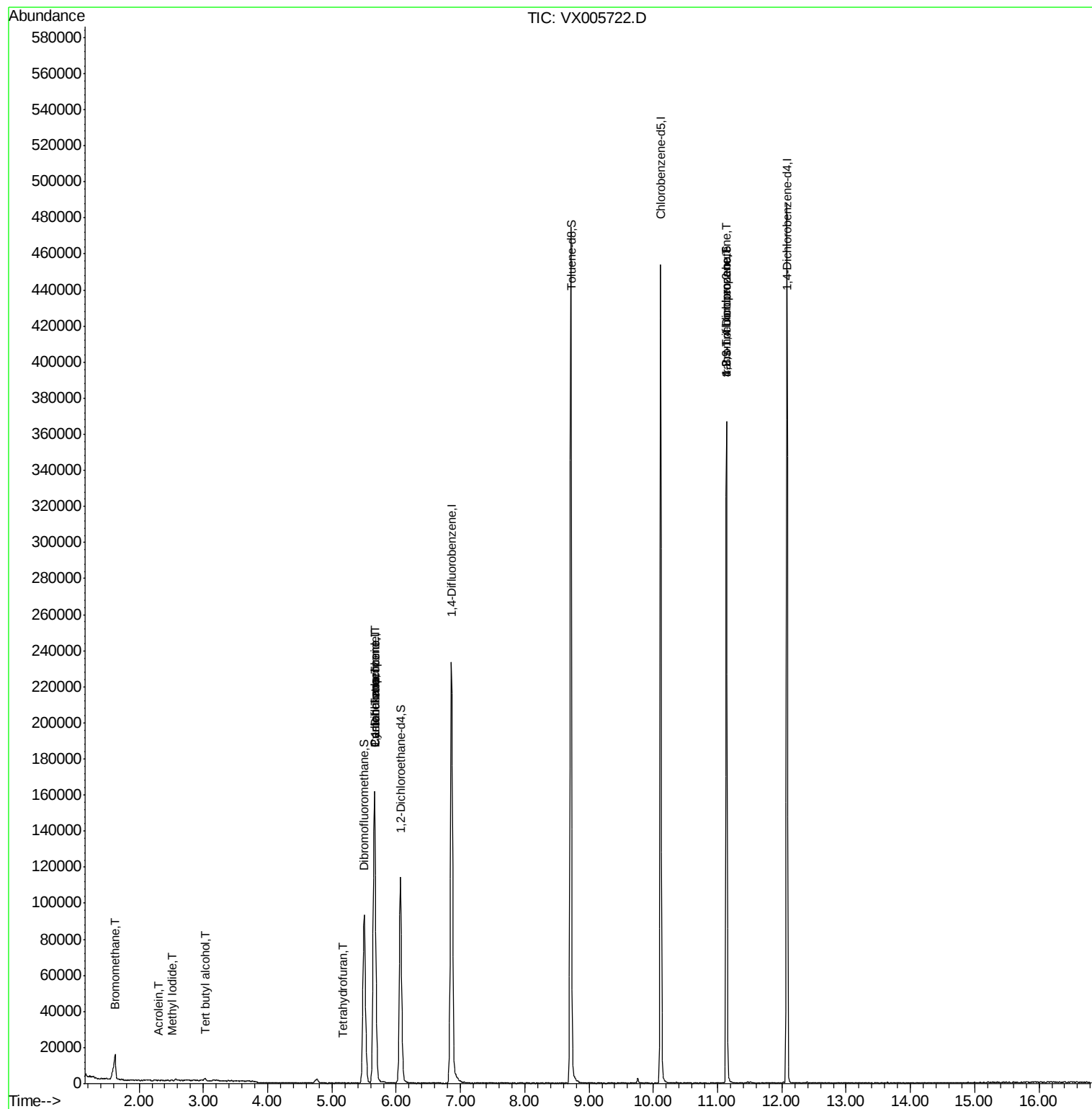
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	738	0.278	ug/l	86
6) Chloroethane	1.75	64	20	Below Cal	#	42
10) Methyl Iodide	2.52	142	221	2.071	ug/l #	62
11) Tert butyl alcohol	3.02	59	856	1.431	ug/l #	72
13) Acrolein	2.31	56	127	12.465	ug/l #	66
16) Acetone	2.44	43	530	Below Cal	#	83
29) Tetrahydrofuran	5.17	42	282	0.249	ug/l #	36
31) Cyclohexane	5.66	56	3549	1.206	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	12808	5.138	ug/l #	48
38) Carbon Tetrachloride	5.67	117	14339	6.367	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	49342	21.661	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	49342	69.986	ug/l #	9

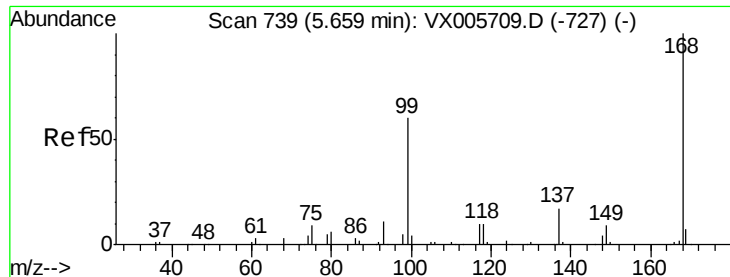
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110118\
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ClientSampleId :

Quant Time: Nov 01 14:35:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005722.D

Acq: 01 Nov 2018 11:56

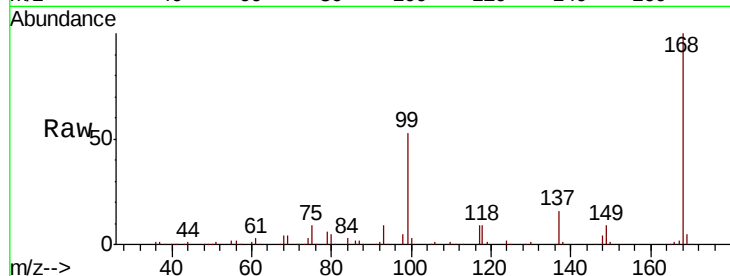
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 150646

Ion Ratio Lower Upper

168 100

99 53.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

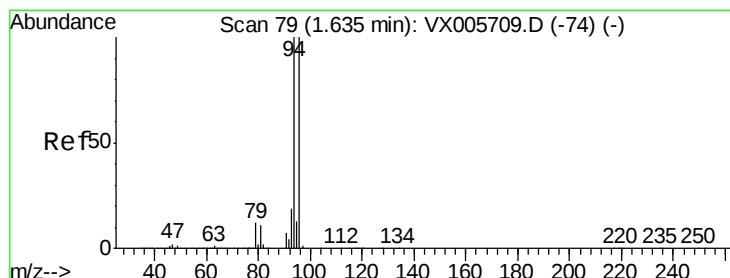
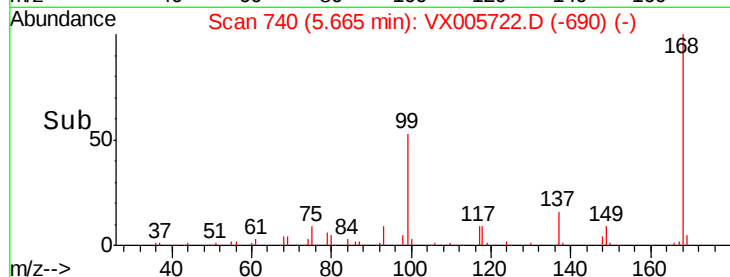
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.278 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005722.D

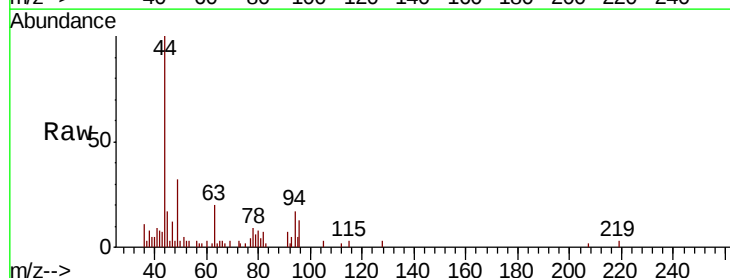
Acq: 01 Nov 2018 11:56

Tgt Ion: 94 Resp: 738

Ion Ratio Lower Upper

94 100

96 80.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

500

400

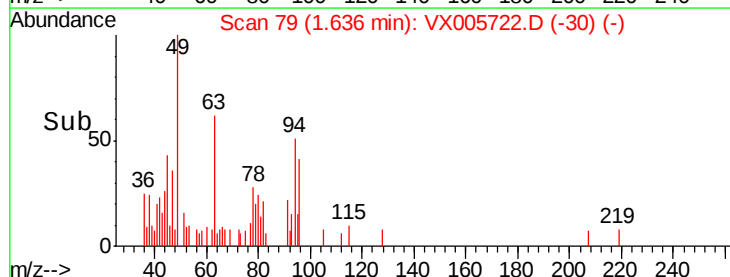
300

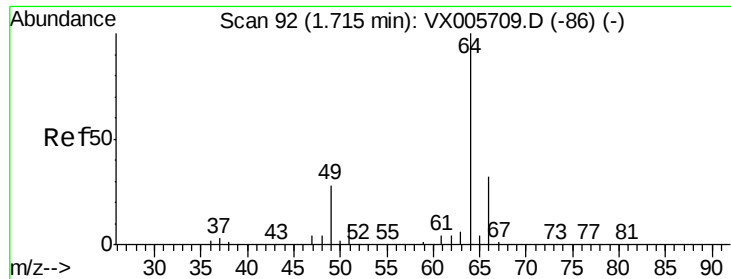
200

100

0

Time--> 1.55 1.60 1.65 1.70

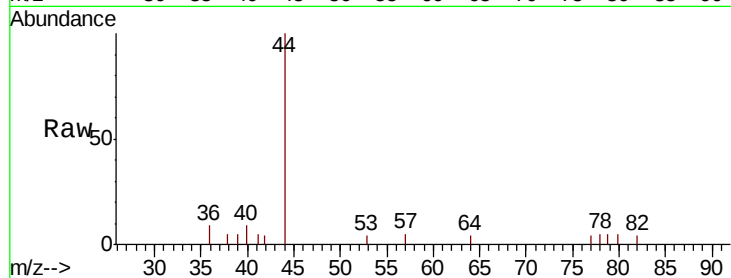




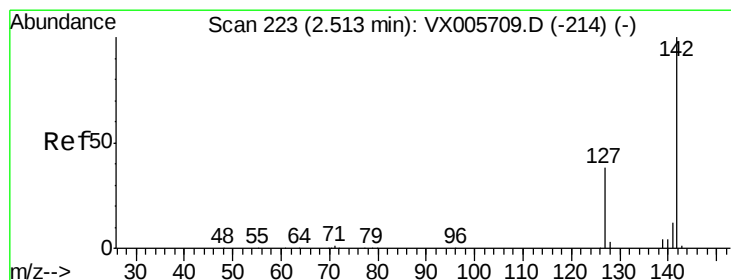
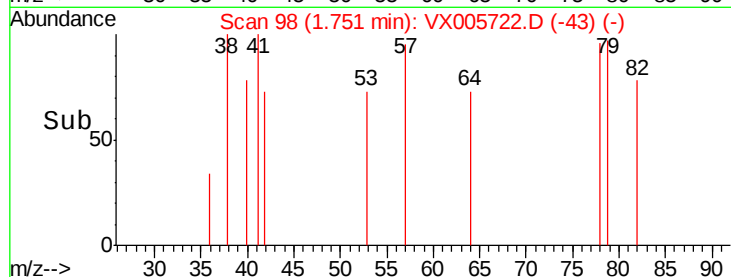
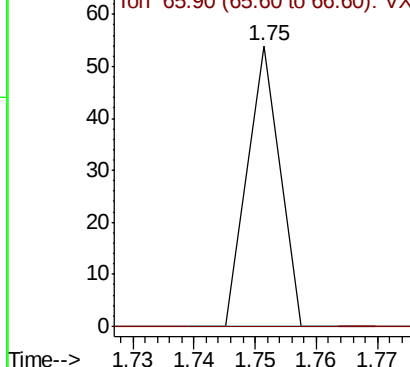
#6
Chloroethane
Concen: Below Cal
RT: 1.75 min Scan# 98
Delta R.T. 0.04 min
Lab File: VX005722.D
Acq: 01 Nov 2018 11:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.6#

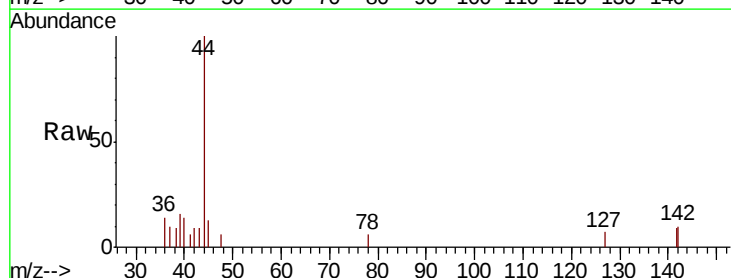


Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0

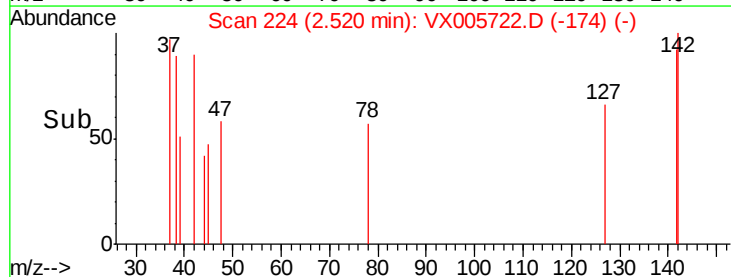
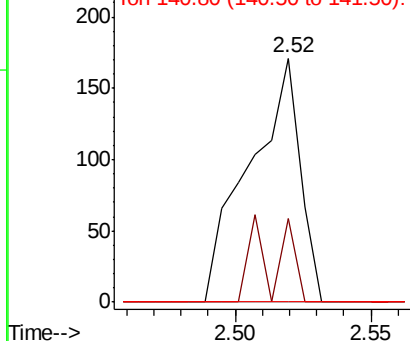


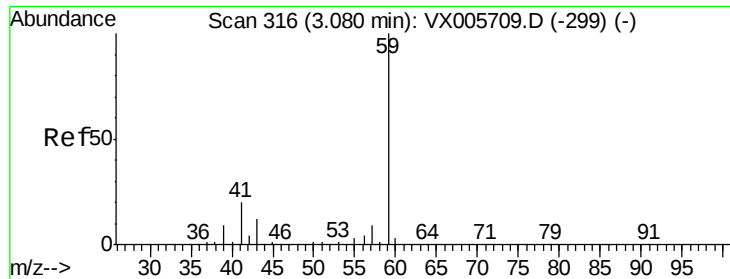
#10
Methyl Iodide
Concen: 2.071 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX005722.D
Acq: 01 Nov 2018 11:56

Tgt Ion: 142 Resp: 221
Ion Ratio Lower Upper
142 100
127 19.9 36.0 54.0#
141 0.0 11.7 17.5#



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

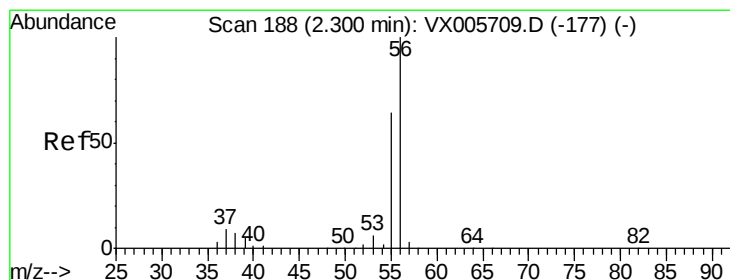
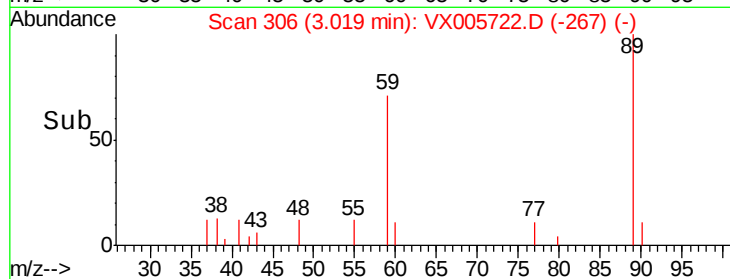
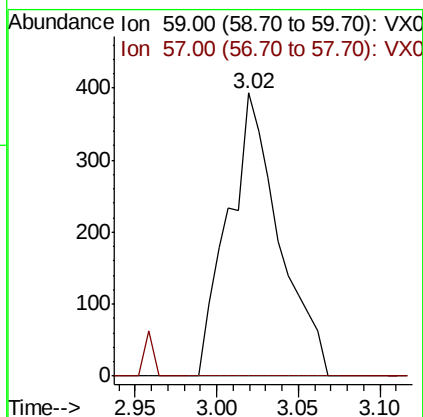
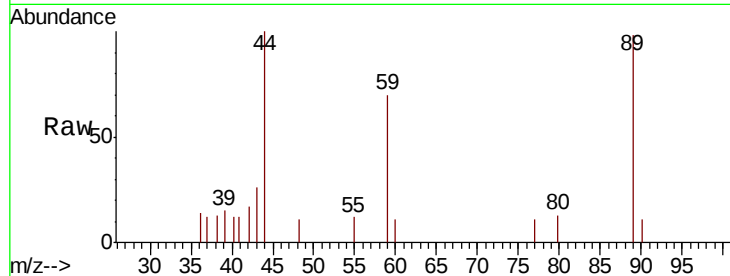




#11
Tert butyl alcohol
Concen: 1.431 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005722.D
Acq: 01 Nov 2018 11:56

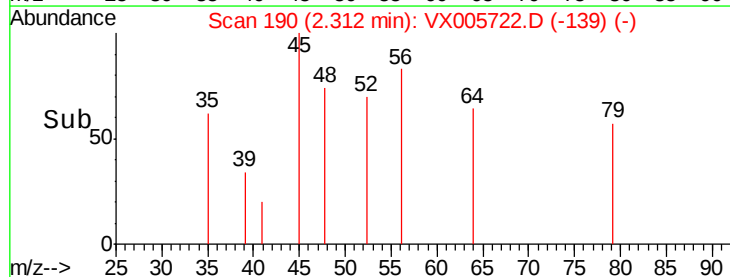
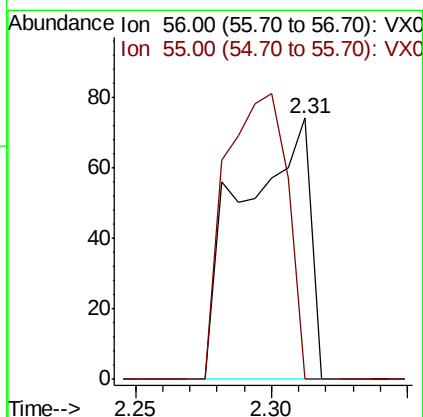
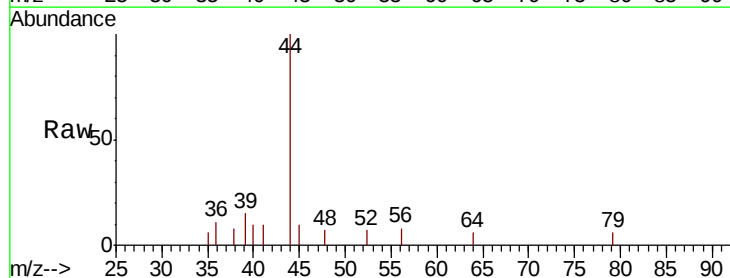
Instrument :
MSVOA_X
ClientSampleId :

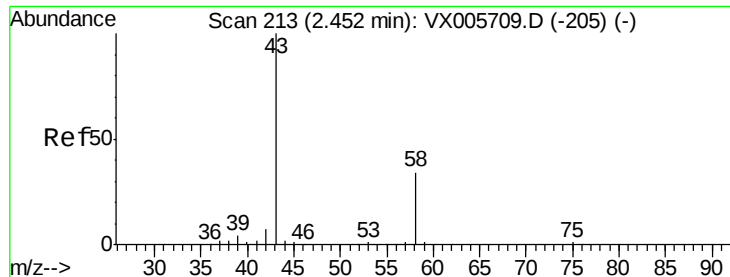
Tot Ion: 59 Resp: 856
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 12.465 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.01 min
Lab File: VX005722.D
Acq: 01 Nov 2018 11:56

Tgt Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
55 100.0 57.3 85.9#





#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005722.D

Acq: 01 Nov 2018 11:56

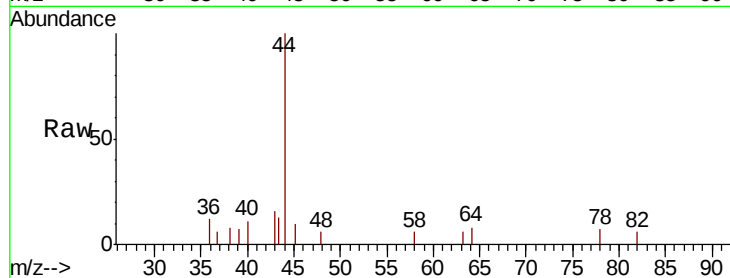
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 530

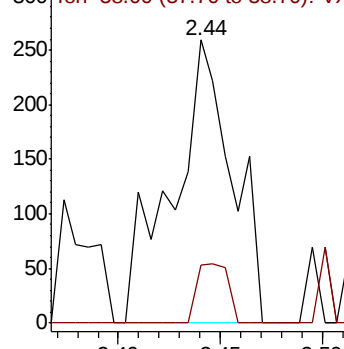
Ion Ratio Lower Upper

43 100

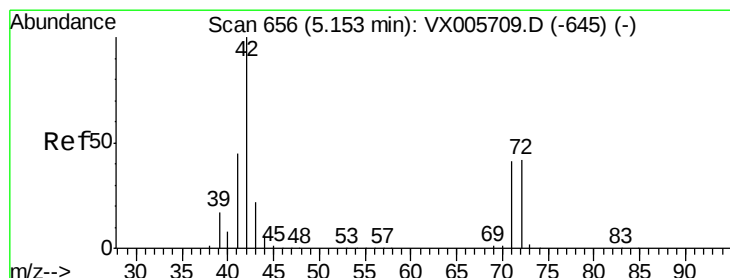
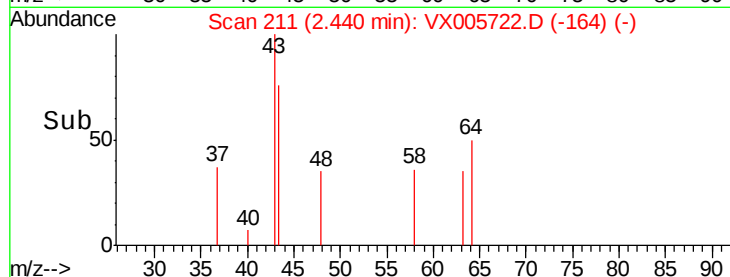
58 20.5 23.8 35.6#



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



Time-->



#29

Tetrahydrofuran

Concen: 0.249 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005722.D

Acq: 01 Nov 2018 11:56

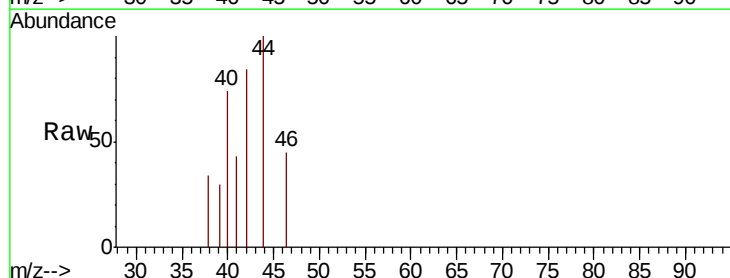
Tgt Ion: 42 Resp: 282

Ion Ratio Lower Upper

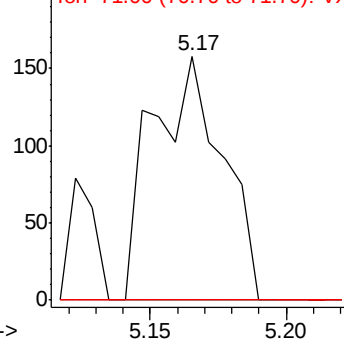
42 100

72 0.0 32.0 48.0#

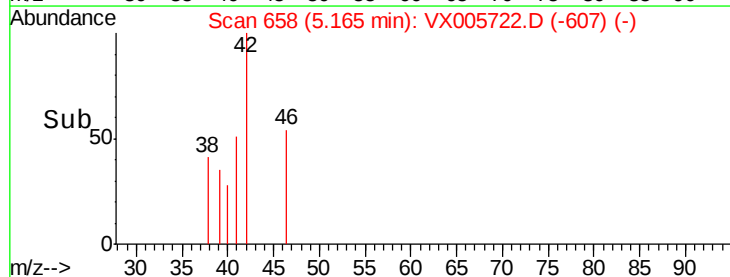
71 0.0 29.8 44.8#

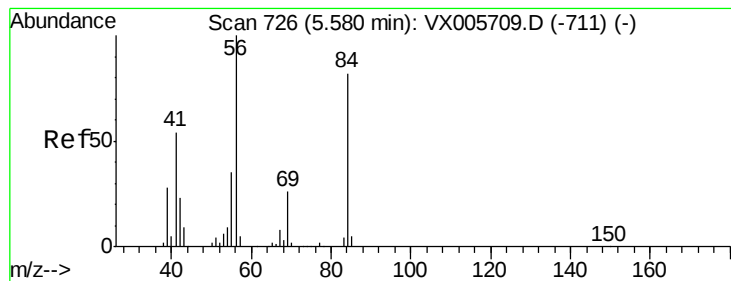


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



Time-->





#31

Cyclohexane

Concen: 1.206 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX005722.D

Acq: 01 Nov 2018 11:56

Instrument :

MSVOA_X

ClientSampled :

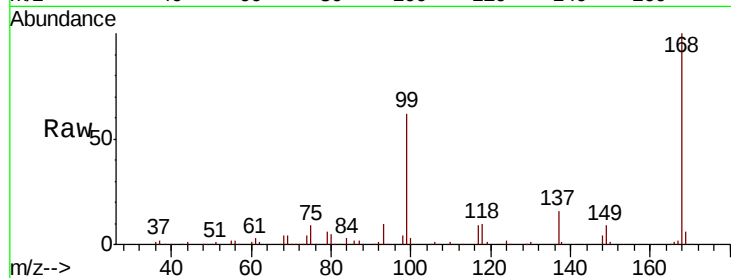
Tot Ion: 56 Resp: 3549

Ion Ratio Lower Upper

56 100

69 173.8 22.6 34.0#

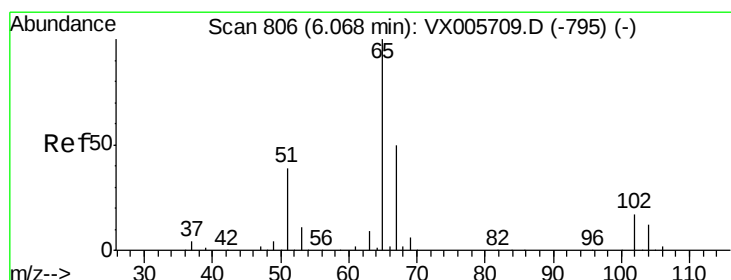
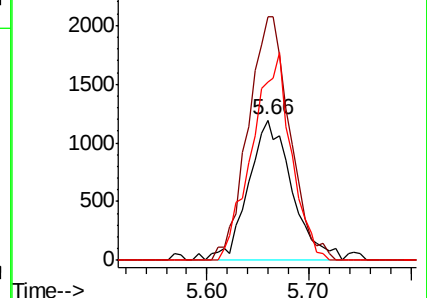
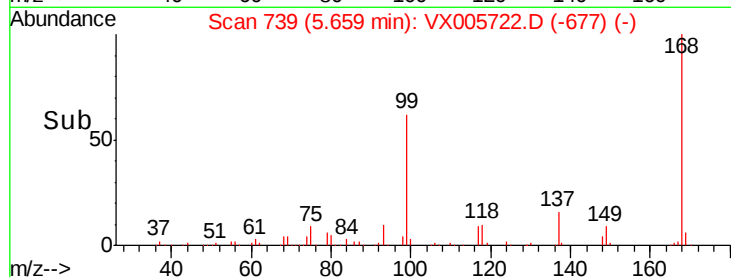
84 127.2 62.7 94.1#



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



#33

1,2-Dichloroethane-d4

Concen: 49.629 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005722.D

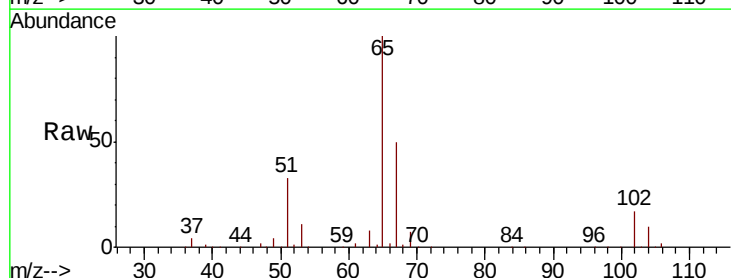
Acq: 01 Nov 2018 11:56

Tgt Ion: 65 Resp: 109306

Ion Ratio Lower Upper

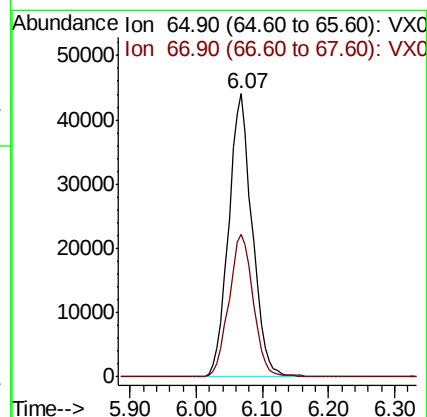
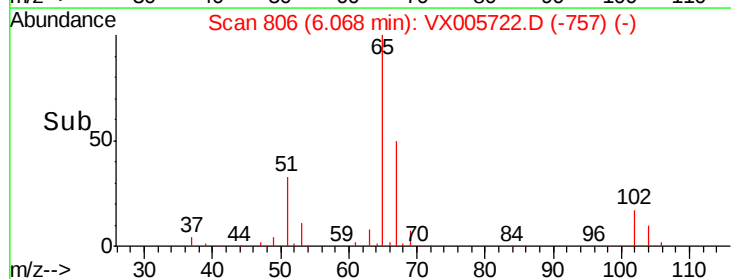
65 100

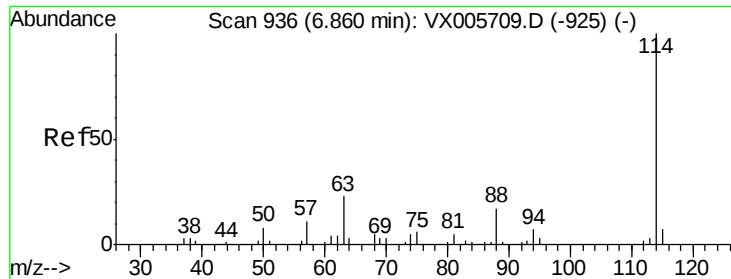
67 51.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

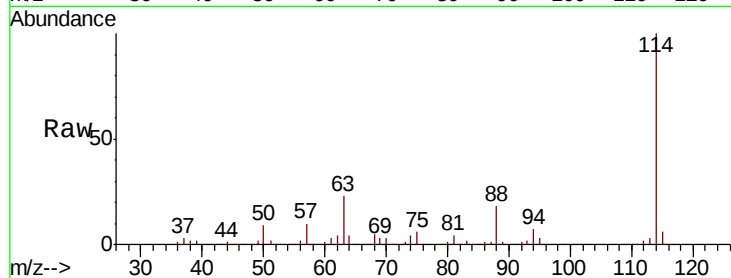




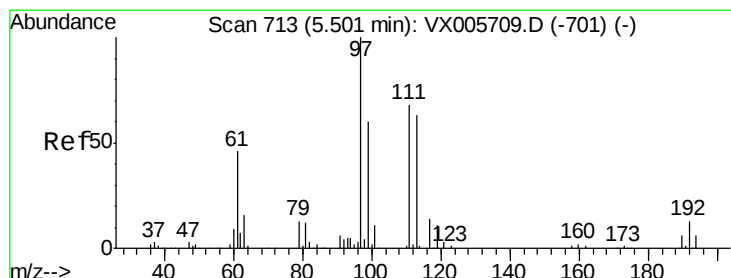
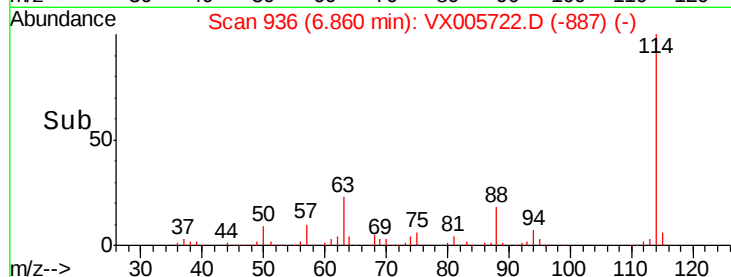
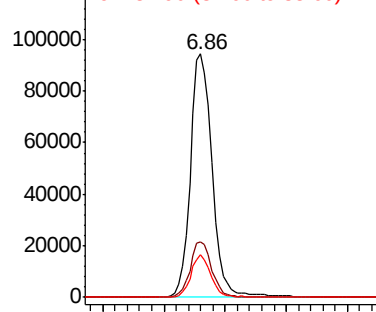
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005722.D
Acq: 01 Nov 2018 11:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114 Resp: 233973
Ion Ratio Lower Upper
114 100
63 22.6 0.0 42.8
88 17.8 0.0 31.2

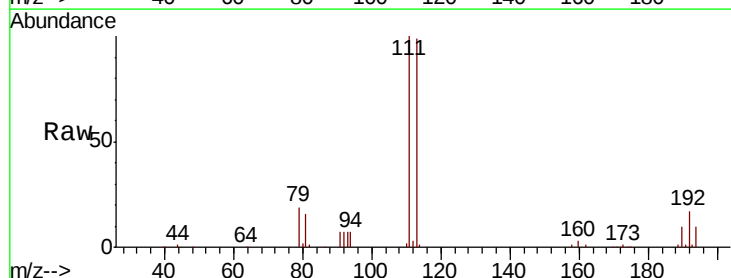


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

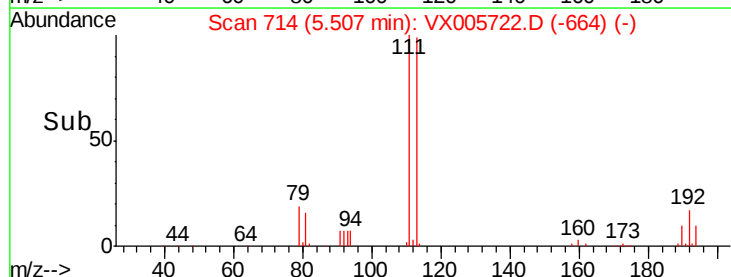
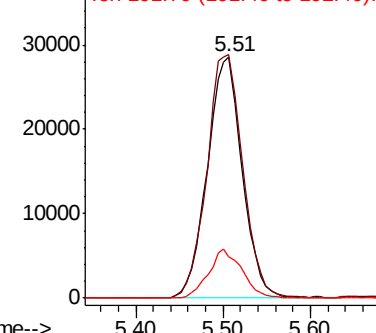


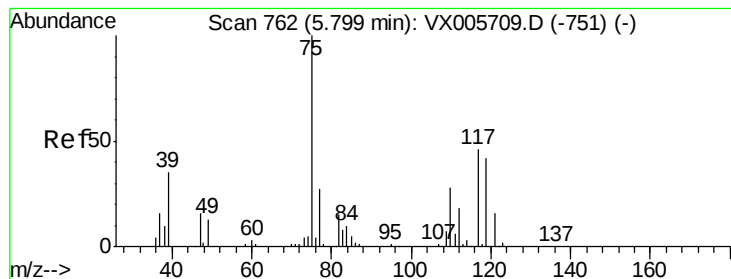
#35
Dibromofluoromethane
Concen: 48.837 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005722.D
Acq: 01 Nov 2018 11:56

Tgt Ion:113 Resp: 79118
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 19.5 17.9 26.9



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: 5.138 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005722.D

Acq: 01 Nov 2018 11:56

Instrument :

MSVOA_X

ClientSampleId :

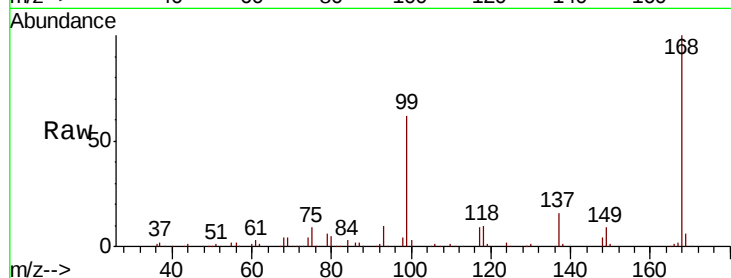
Tot Ion: 75 Resp: 12808

Ion Ratio Lower Upper

75 100

110 8.0 17.4 52.2#

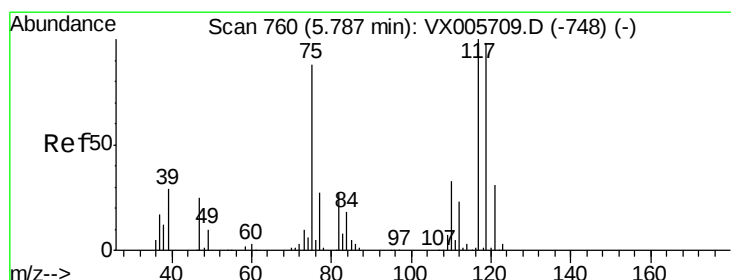
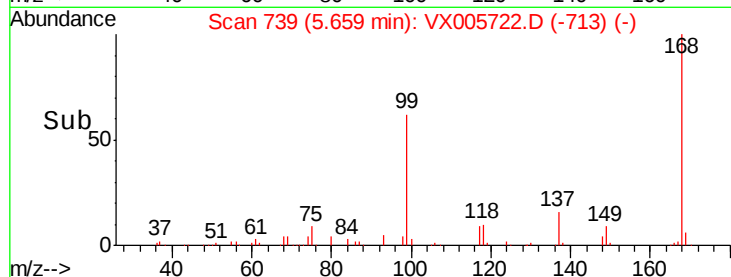
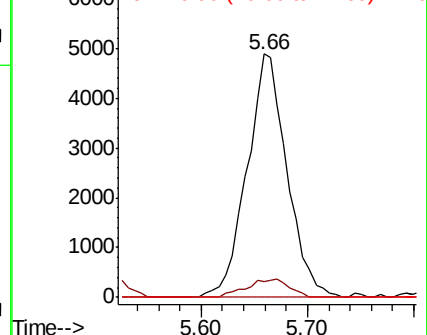
77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.367 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005722.D

Acq: 01 Nov 2018 11:56

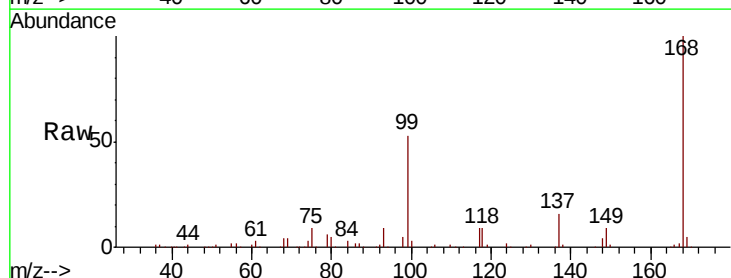
Tgt Ion: 117 Resp: 14339

Ion Ratio Lower Upper

117 100

119 6.9 78.1 117.1#

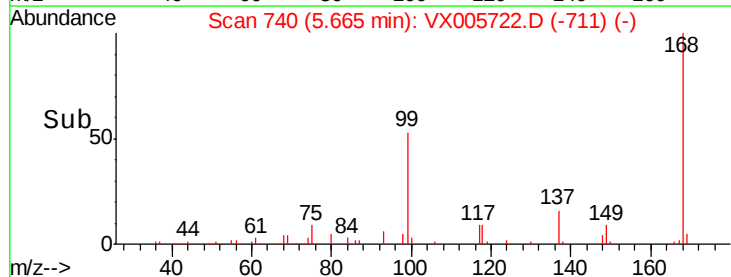
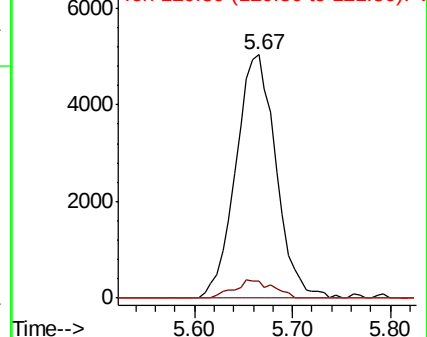
121 0.0 24.6 36.8#

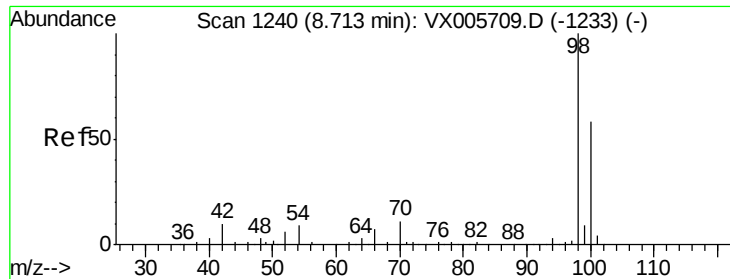


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.788 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005722.D

Acq: 01 Nov 2018 11:56

Instrument :

MSVOA_X

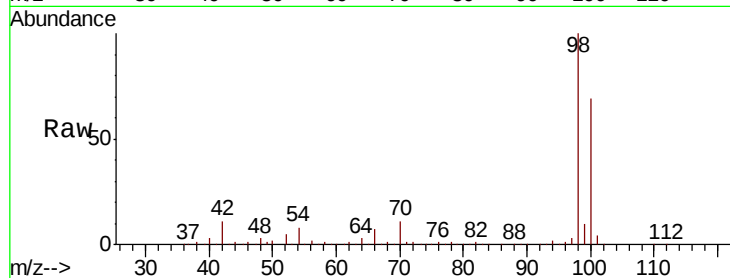
ClientSampleId :

Tot Ion: 98 Resp: 288581

Ion Ratio Lower Upper

98 100

100 63.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

200000

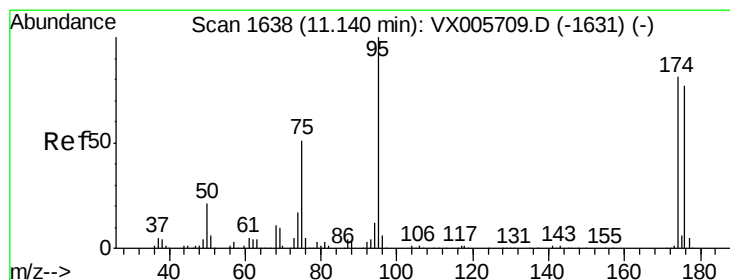
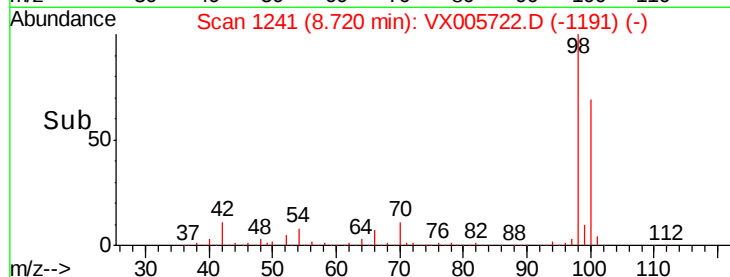
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.236 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005722.D

Acq: 01 Nov 2018 11:56

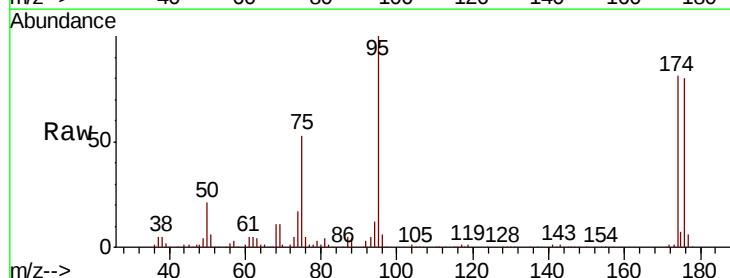
Tgt Ion: 95 Resp: 92767

Ion Ratio Lower Upper

95 100

174 79.5 0.0 184.4

176 76.5 0.0 177.4



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

100000

80000

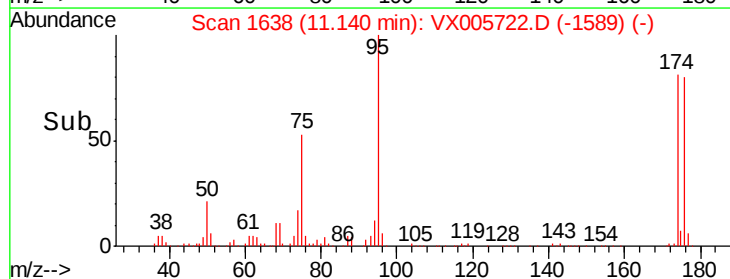
60000

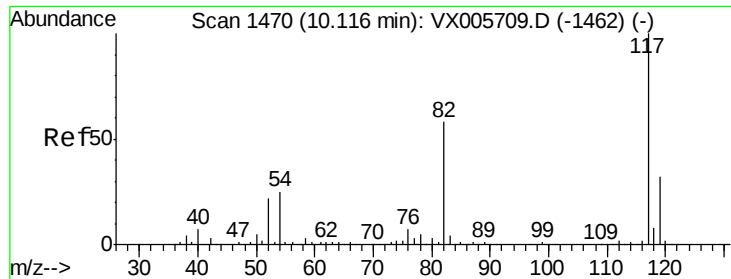
40000

20000

0

Time-->

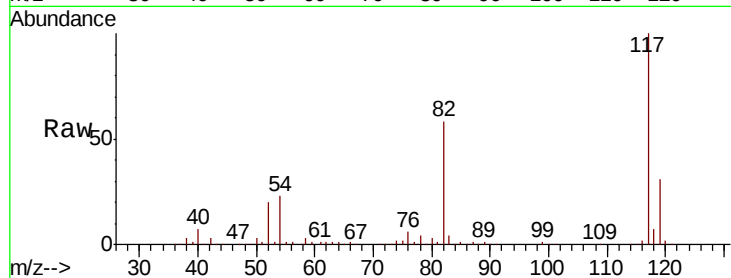




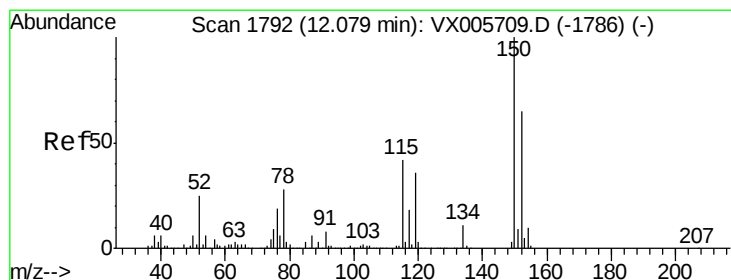
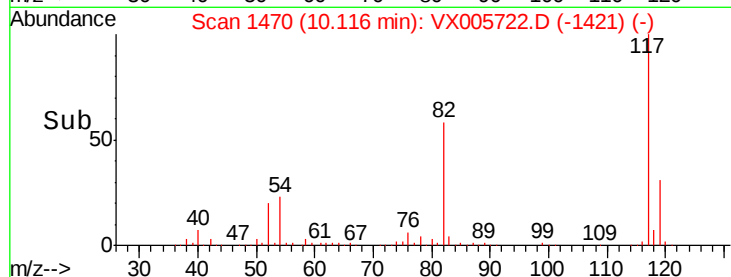
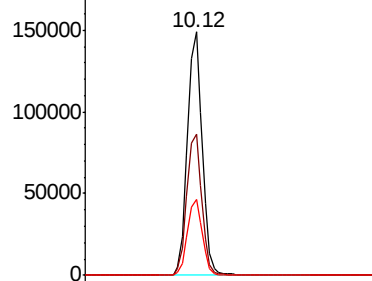
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005722.D
Acq: 01 Nov 2018 11:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 202304
Ion Ratio Lower Upper
117 100
82 58.0 44.1 66.1
119 31.2 26.2 39.2

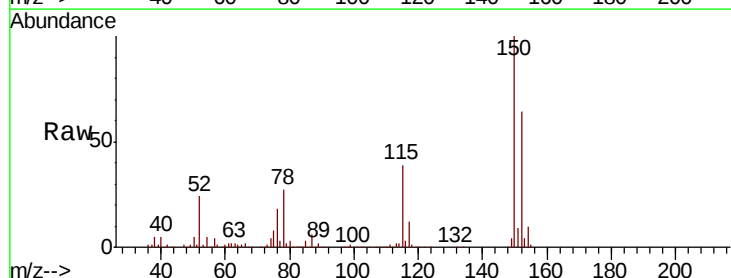


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

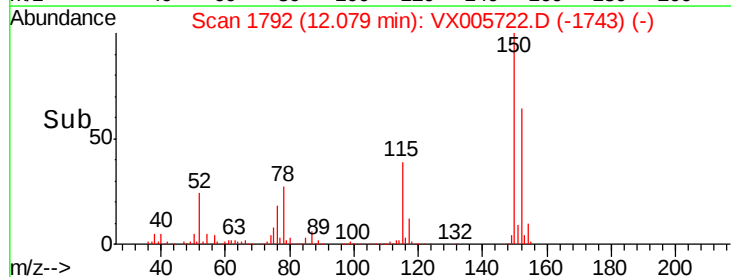
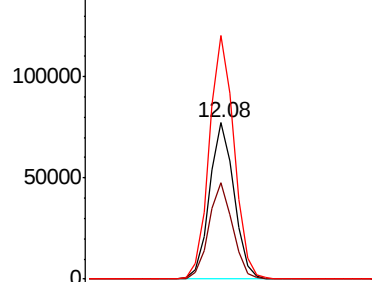


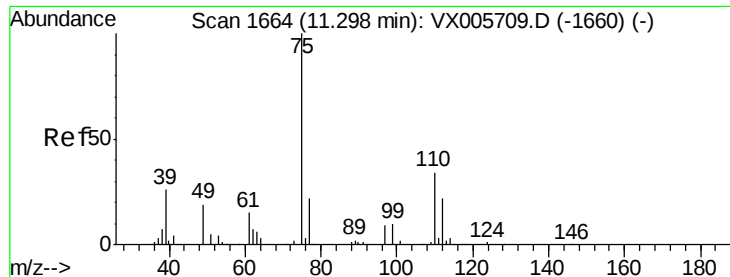
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005722.D
Acq: 01 Nov 2018 11:56

Tgt Ion:152 Resp: 91459
Ion Ratio Lower Upper
152 100
115 60.1 39.4 118.1
150 157.4 0.0 346.4



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

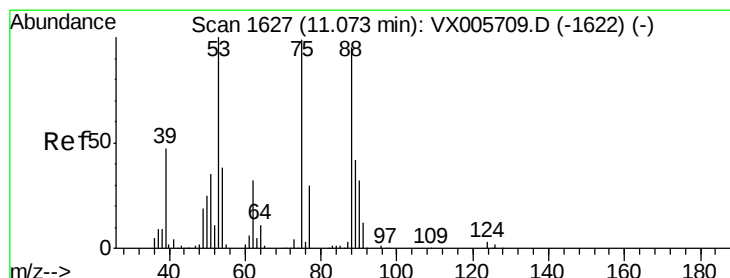
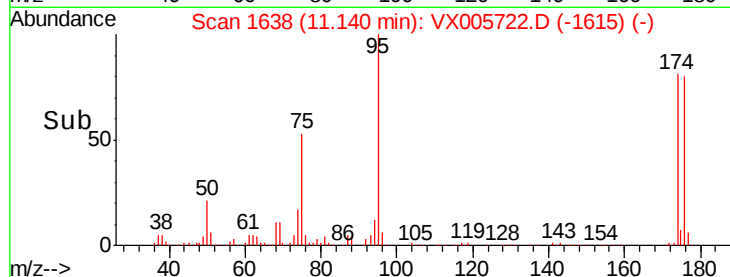
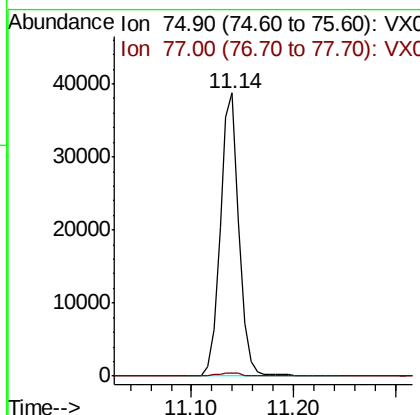
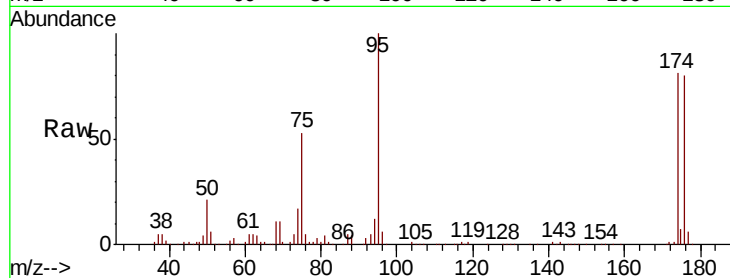




#76
 1,2,3-Trichloropropane
 Concen: 21.661 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005722.D
 Acq: 01 Nov 2018 11:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 49342
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.5 61.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.986 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX005722.D
 Acq: 01 Nov 2018 11:56

Tgt Ion: 75 Resp: 49342
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.2 120.2#
 89 0.0 39.8 59.8#

