

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110118\
 Data File : VX005730.D
 Acq On : 01 Nov 2018 15:37
 Operator : JC/MD
 Sample : J5769-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 01 16:17:23 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	128266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	201813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	79005	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	94596	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
35) Dibromofluoromethane	5.50	113	72161	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
50) Toluene-d8	8.71	98	250815	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	80151	44.31	ug/l	0.00
Spiked Amount			Recovery	=	88.62%	

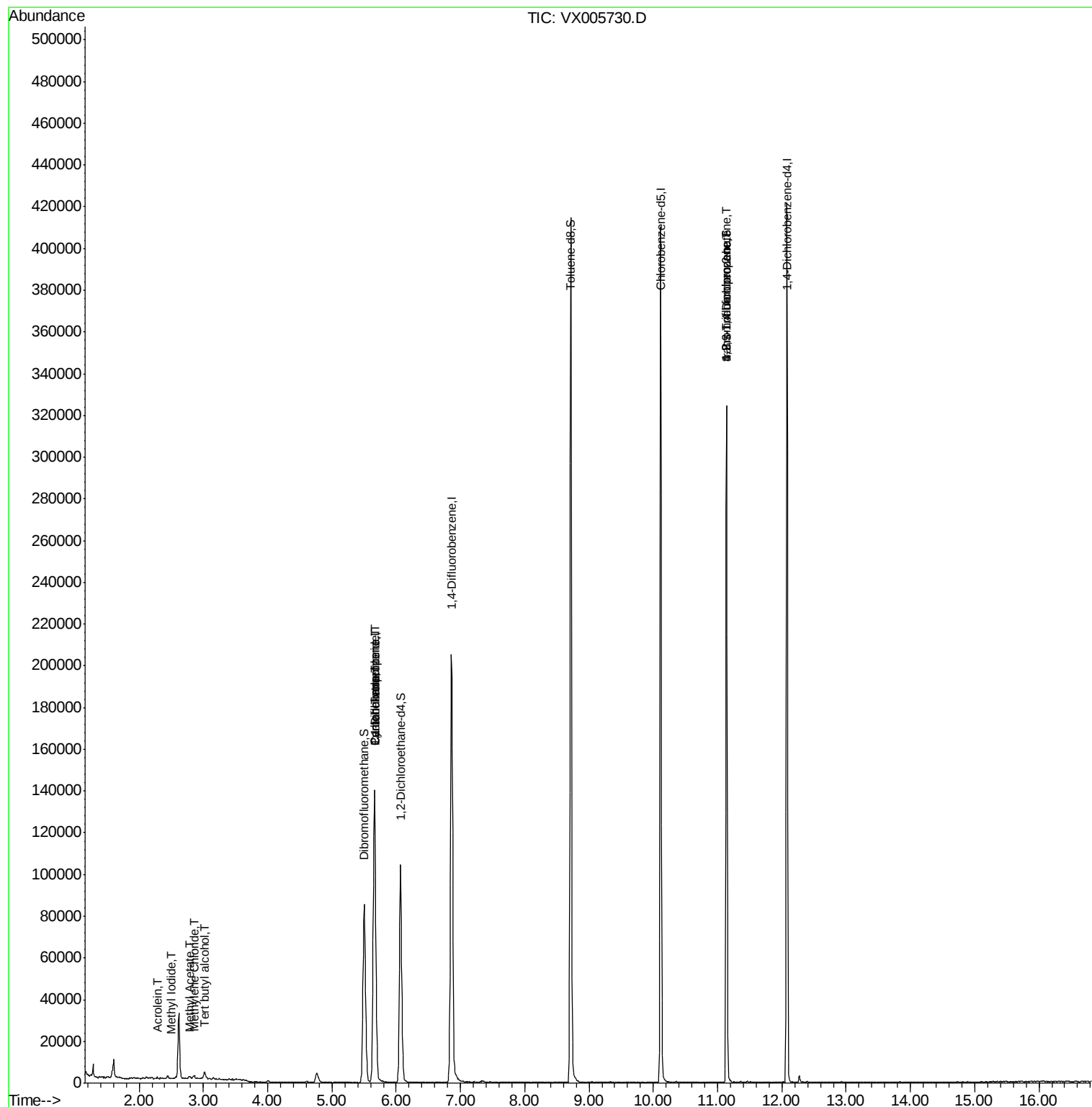
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.76	64	96	Below Cal	#	42
10) Methyl Iodide	2.50	142	159	2.051	ug/l #	58
11) Tert butyl alcohol	3.02	59	2195	4.310	ug/l #	78
13) Acrolein	2.28	56	50	12.313	ug/l #	62
16) Acetone	2.44	43	1096	Below Cal	#	88
18) Methyl Acetate	2.78	43	1177	0.437	ug/l #	81
20) Methylene Chloride	2.86	84	610	0.377	ug/l #	76
31) Cyclohexane	5.67	56	3032	1.210	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	11103	5.164	ug/l #	49
38) Carbon Tetrachloride	5.67	117	12449	6.408	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	42764	21.733	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	42764	70.217	ug/l #	9

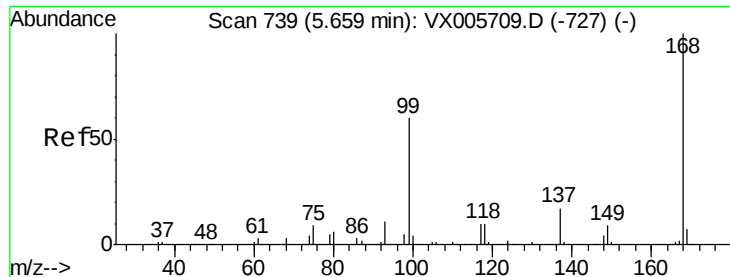
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110118\
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MSVOA_X
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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: VX005730.D

Acq: 01 Nov 2018 15:37

Instrument :

MSVOA_X

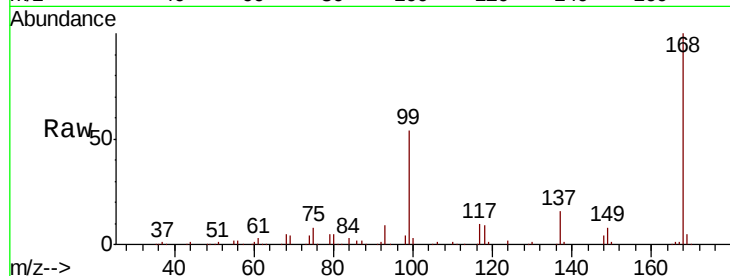
ClientSampled :

Tot Ion:168 Resp: 128266

Ion Ratio Lower Upper

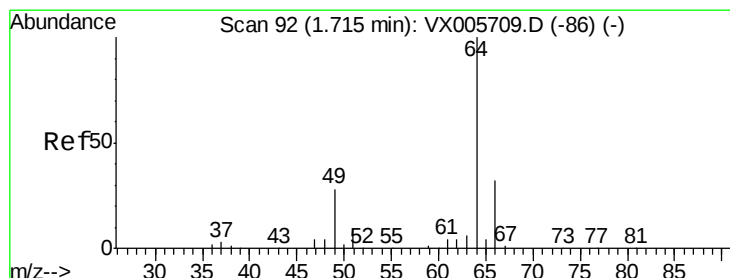
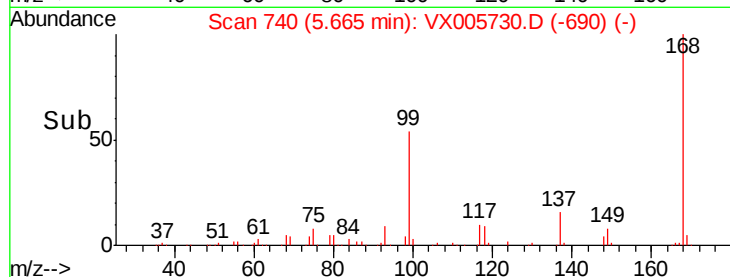
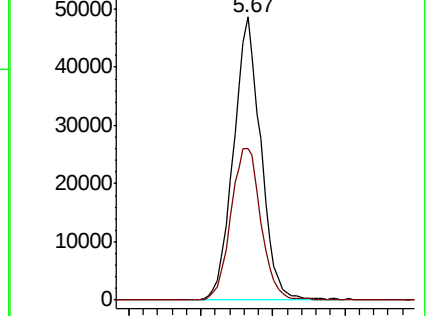
168 100

99 53.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.76 min Scan# 99

Delta R.T. 0.04 min

Lab File: VX005730.D

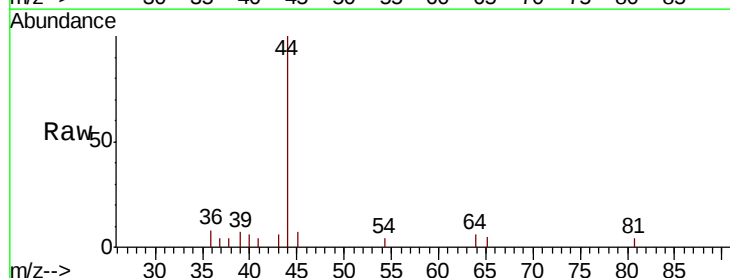
Acq: 01 Nov 2018 15:37

Tgt Ion: 64 Resp: 96

Ion Ratio Lower Upper

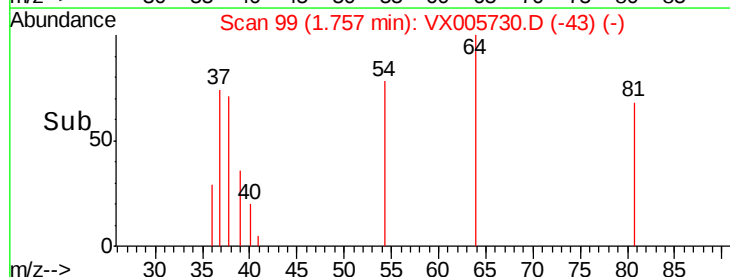
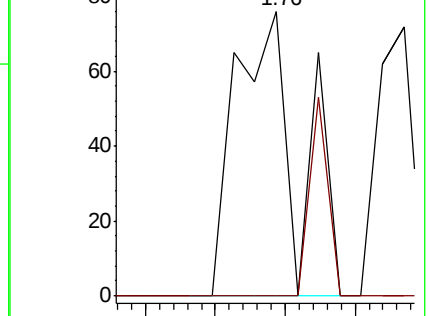
64 100

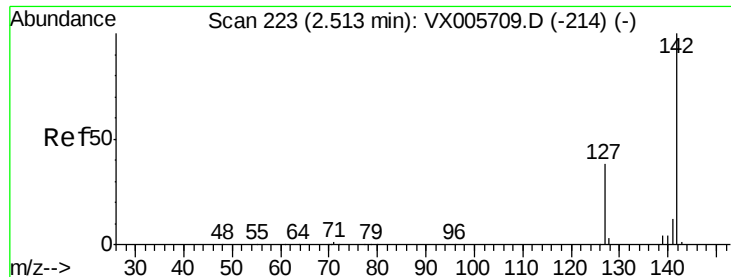
66 0.0 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

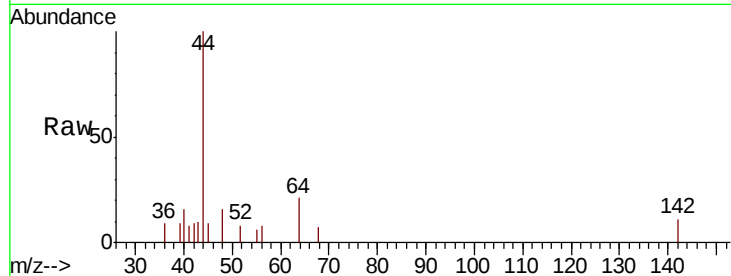




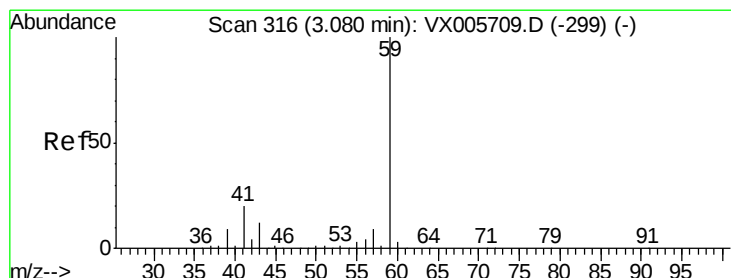
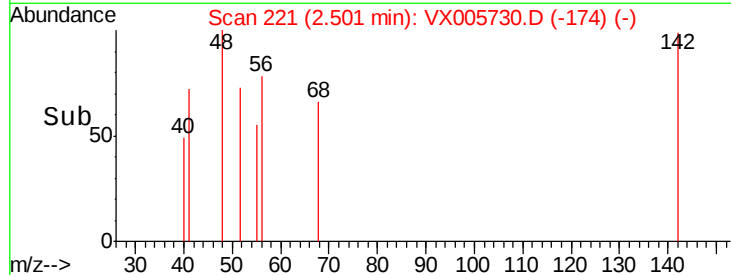
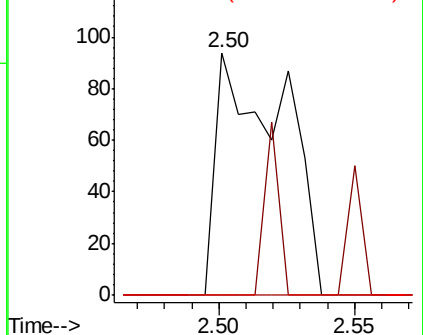
#10
Methyl Iodide
Concen: 2.051 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.01 min
Lab File: VX005730.D
Acq: 01 Nov 2018 15:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 159
Ion Ratio Lower Upper
142 100
127 15.7 36.0 54.0#
141 0.0 11.7 17.5#

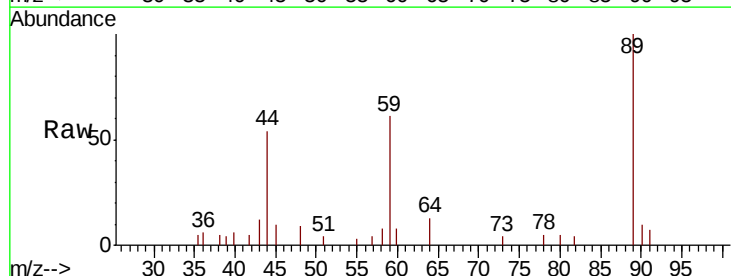


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

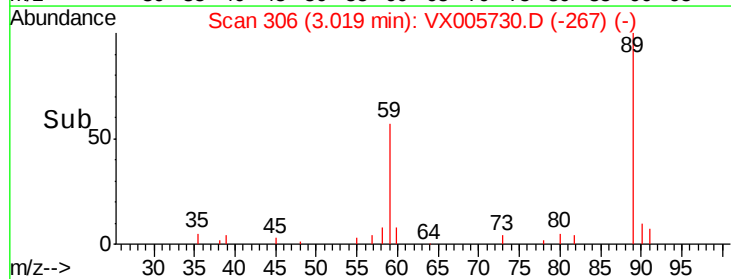
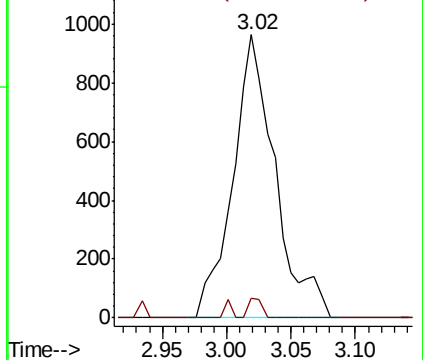


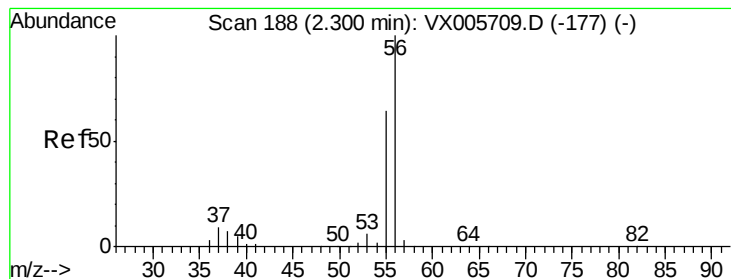
#11
Tert butyl alcohol
Concen: 4.310 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005730.D
Acq: 01 Nov 2018 15:37

Tgt Ion: 59 Resp: 2195
Ion Ratio Lower Upper
59 100
57 2.2 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 12.313 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.02 min

Lab File: VX005730.D

Acq: 01 Nov 2018 15:37

Instrument :

MSVOA_X

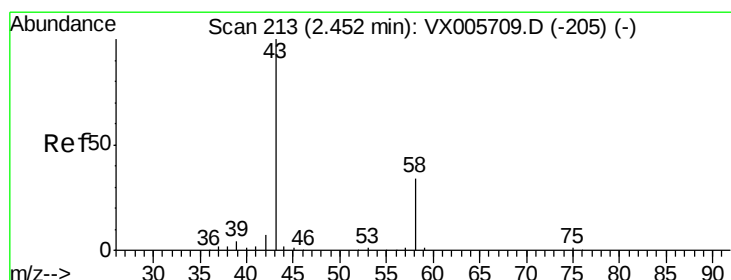
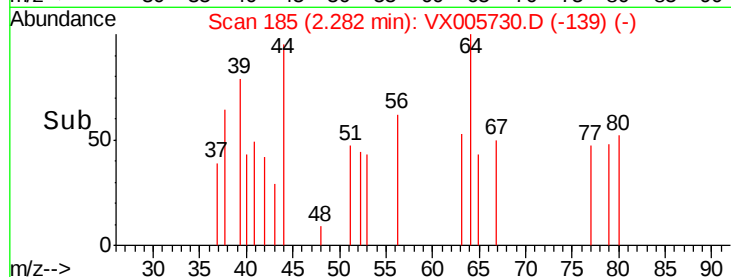
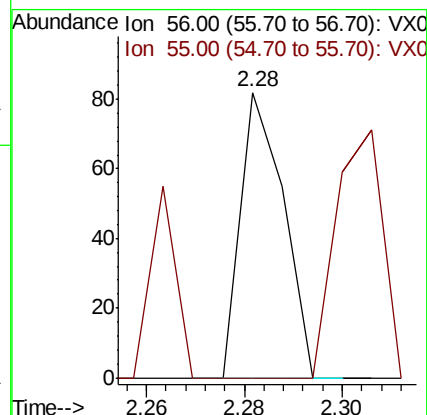
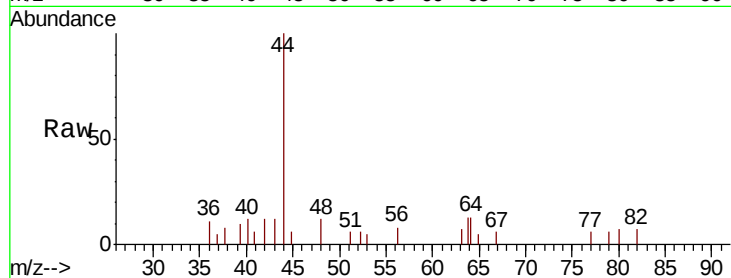
ClientSampled :

Tot Ion: 56 Resp: 50

Ion Ratio Lower Upper

56 100

55 40.0 57.3 85.9#



#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005730.D

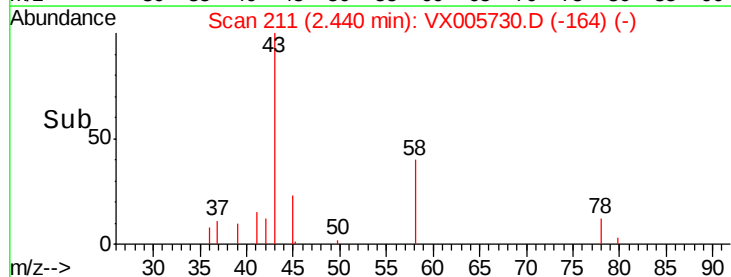
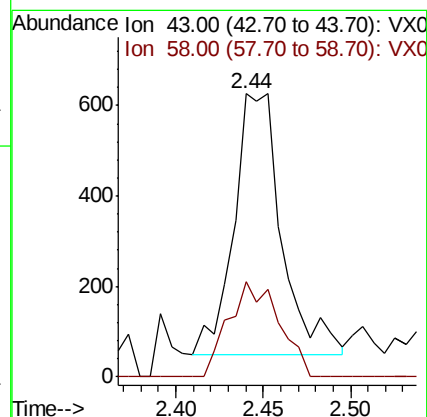
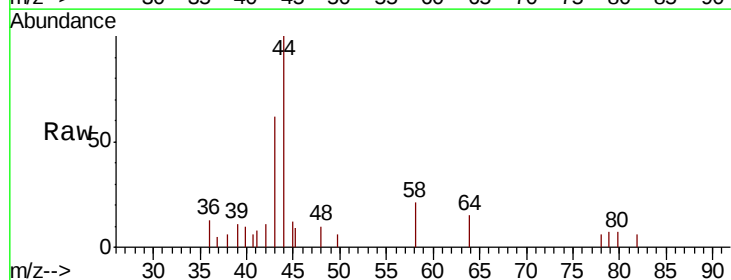
Acq: 01 Nov 2018 15:37

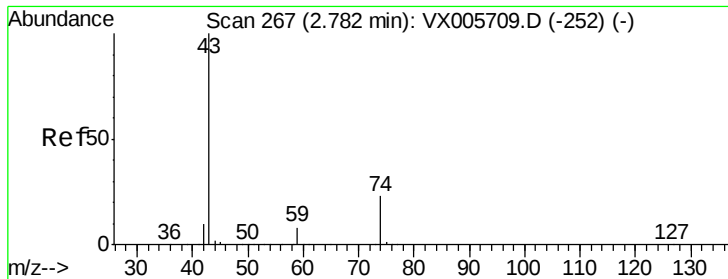
Tgt Ion: 43 Resp: 1096

Ion Ratio Lower Upper

43 100

58 36.3 23.8 35.6#

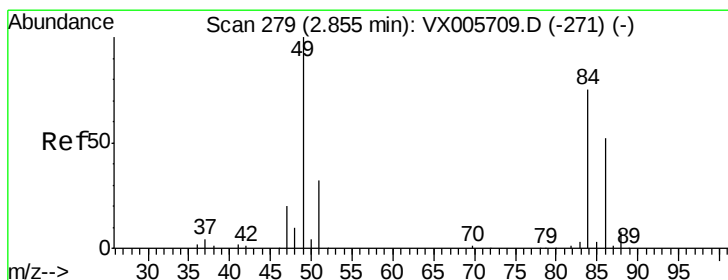
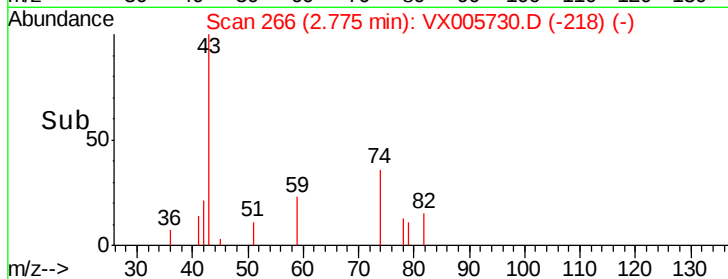
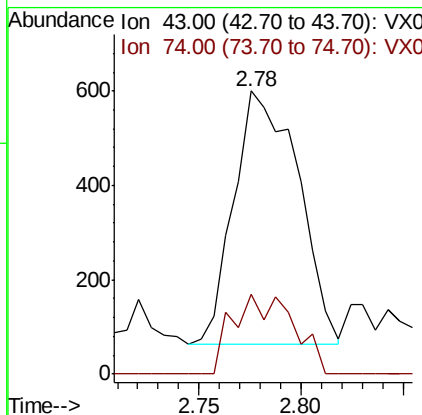
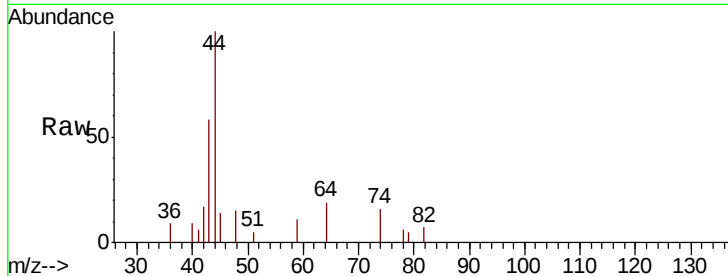




#18
Methyl Acetate
Concen: 0.437 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005730.D
Acq: 01 Nov 2018 15:37

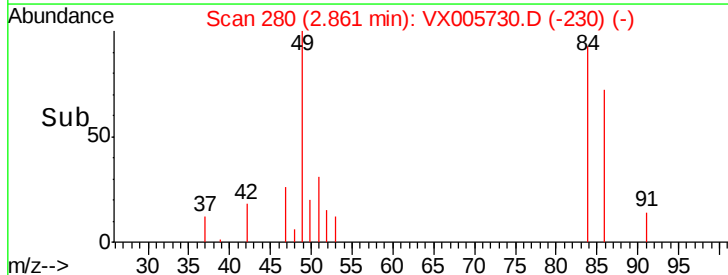
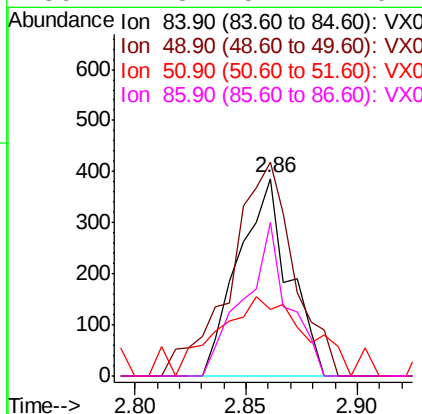
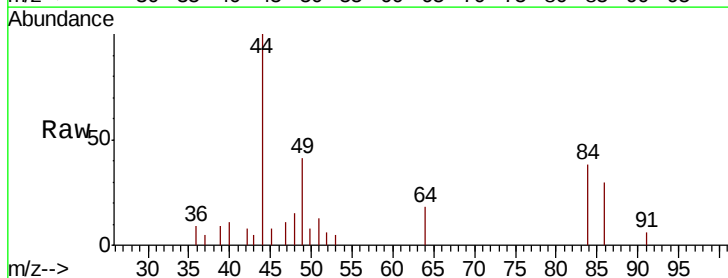
Instrument :
MSVOA_X
ClientSampleId :

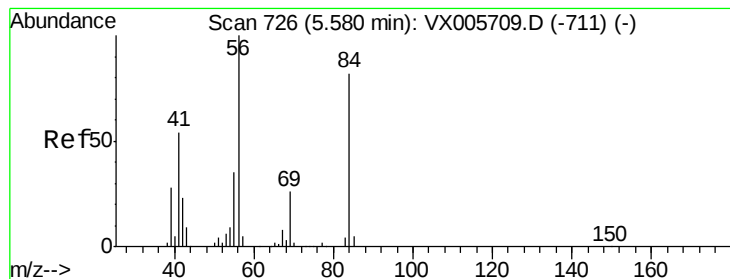
Tot Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
74 29.8 16.8 25.2#



#20
Methylene Chloride
Concen: 0.377 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005730.D
Acq: 01 Nov 2018 15:37

Tgt Ion: 84 Resp: 610
Ion Ratio Lower Upper
84 100
49 108.0 109.5 164.3#
51 19.1 33.3 49.9#
86 77.8 52.7 79.1





#31

Cyclohexane

Concen: 1.210 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX005730.D

Acq: 01 Nov 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

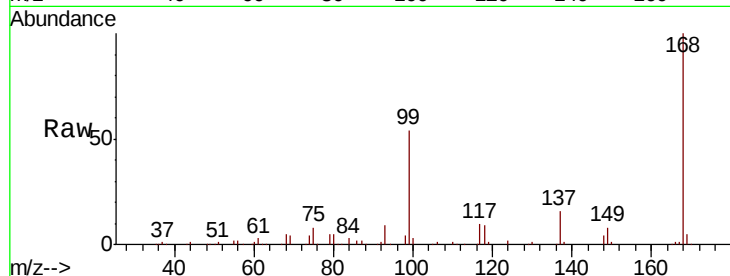
Tot Ion: 56 Resp: 3032

Ion Ratio Lower Upper

56 100

69 186.2 22.6 34.0#

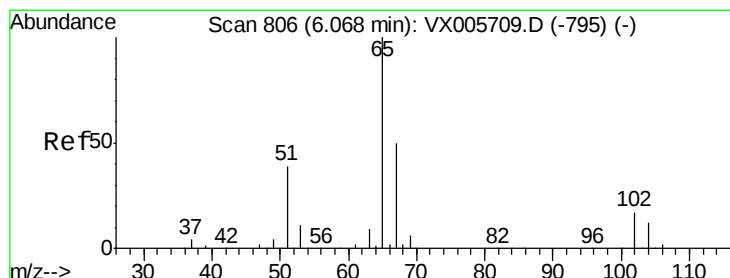
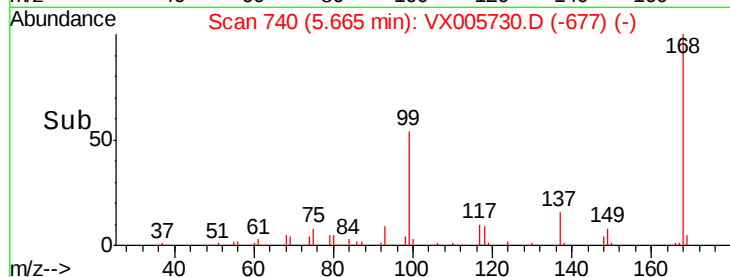
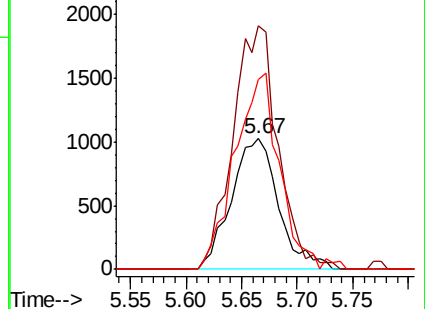
84 145.6 62.7 94.1#



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: 50.444 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005730.D

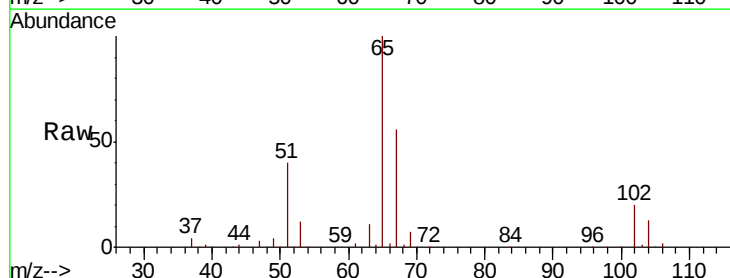
Acq: 01 Nov 2018 15:37

Tgt Ion: 65 Resp: 94596

Ion Ratio Lower Upper

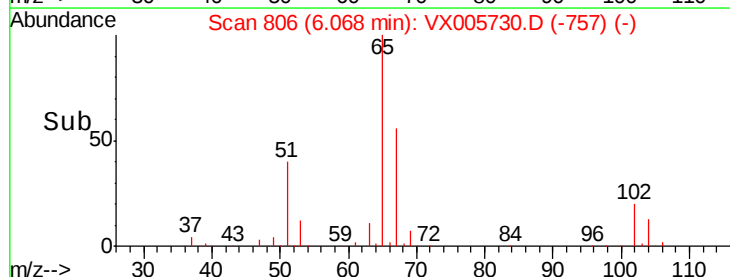
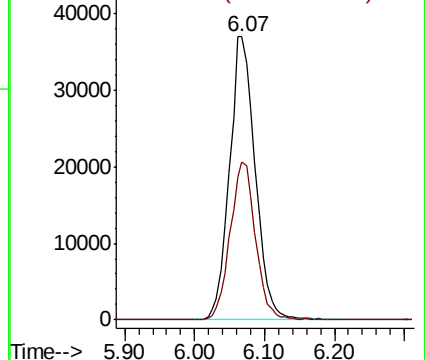
65 100

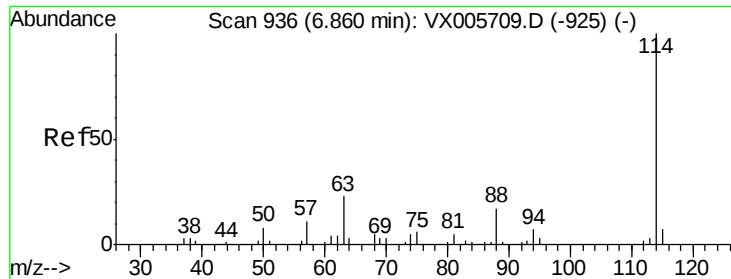
67 54.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

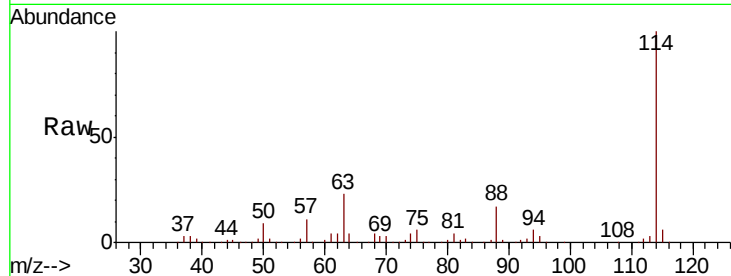




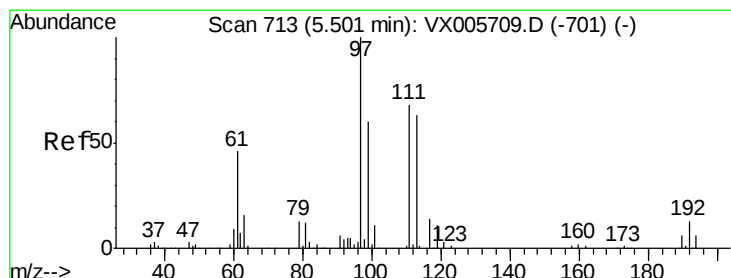
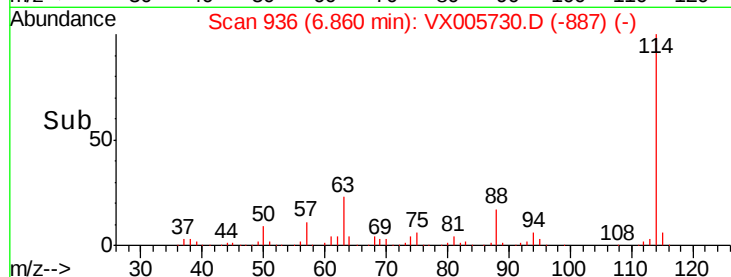
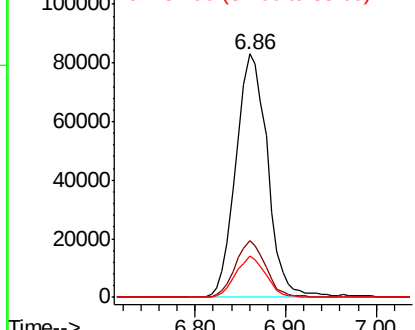
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005730.D
Acq: 01 Nov 2018 15:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:114 Resp: 201813
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.8
88 17.2 0.0 31.2

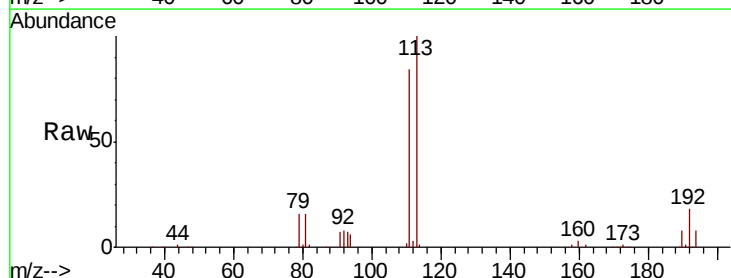


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

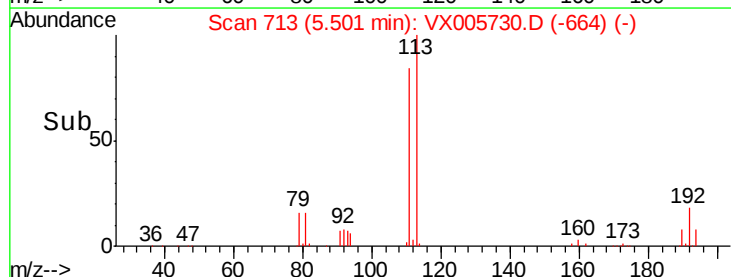
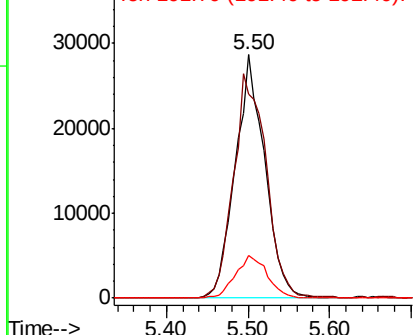


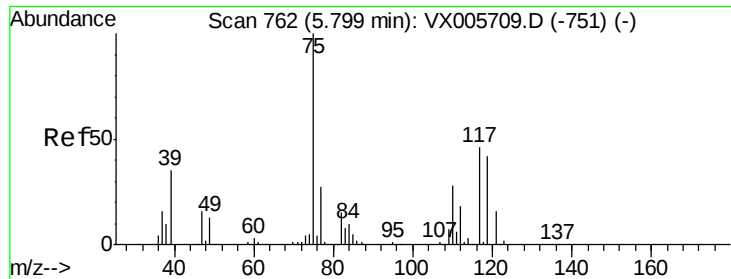
#35
Dibromofluoromethane
Concen: 51.641 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005730.D
Acq: 01 Nov 2018 15:37

Tgt Ion:113 Resp: 72161
Ion Ratio Lower Upper
113 100
111 101.7 82.3 123.5
192 18.9 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: 5.164 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005730.D

Acq: 01 Nov 2018 15:37

Instrument :

MSVOA_X

ClientSampled :

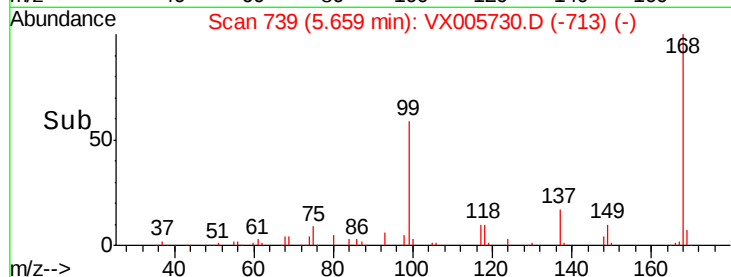
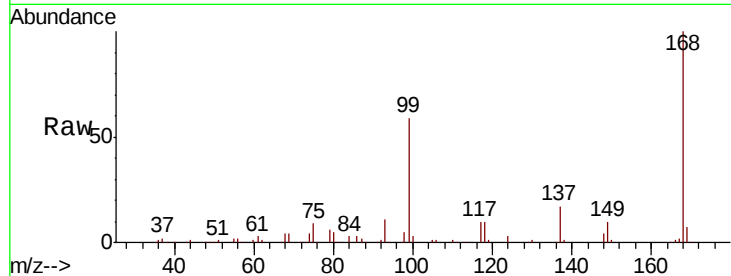
Tot Ion: 75 Resp: 11103

Ion Ratio Lower Upper

75 100

110 8.3 17.4 52.2#

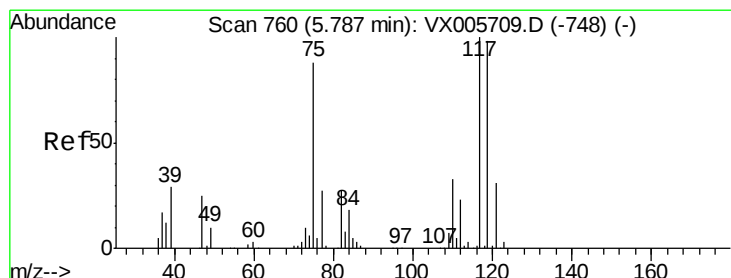
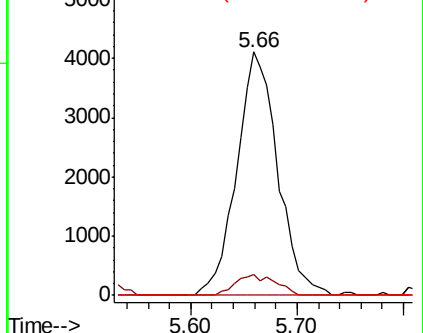
77 0.0 25.8 38.6#



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: 6.408 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005730.D

Acq: 01 Nov 2018 15:37

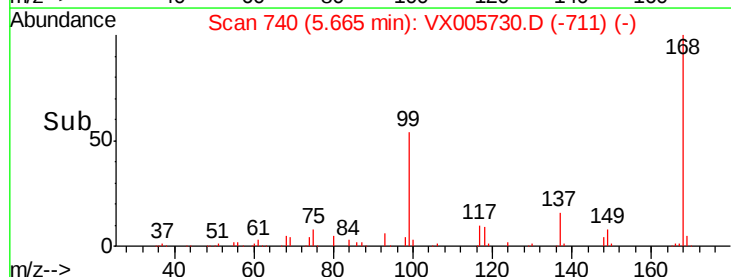
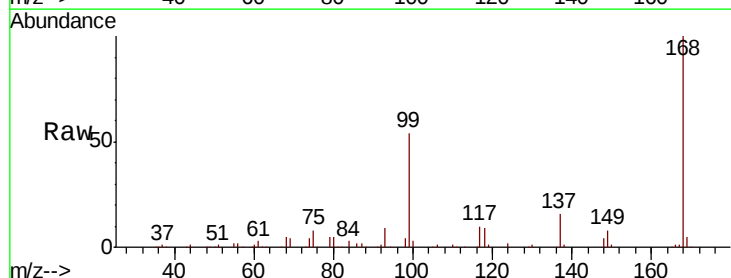
Tgt Ion: 117 Resp: 12449

Ion Ratio Lower Upper

117 100

119 6.6 78.1 117.1#

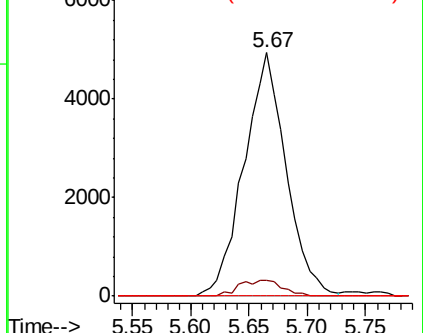
121 0.0 24.6 36.8#

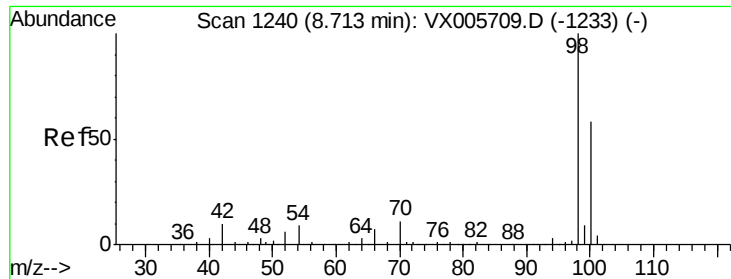


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.176 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005730.D

Acq: 01 Nov 2018 15:37

Instrument :

MSVOA_X

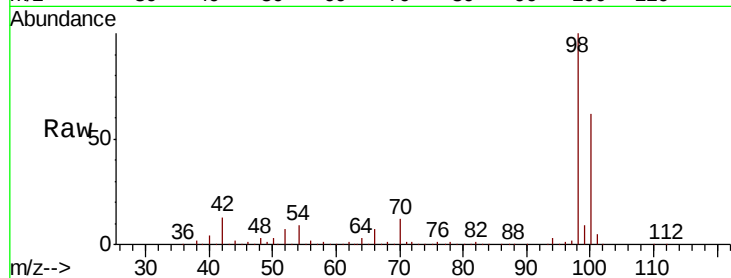
ClientSampleId :

Tot Ion: 98 Resp: 250815

Ion Ratio Lower Upper

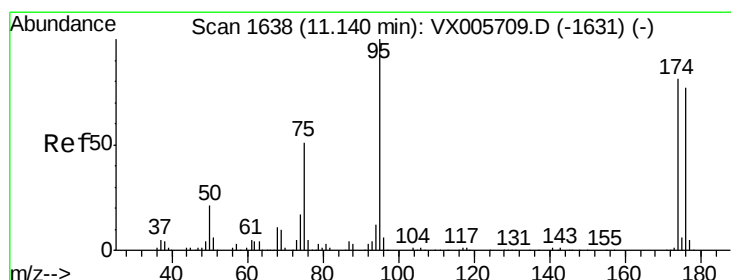
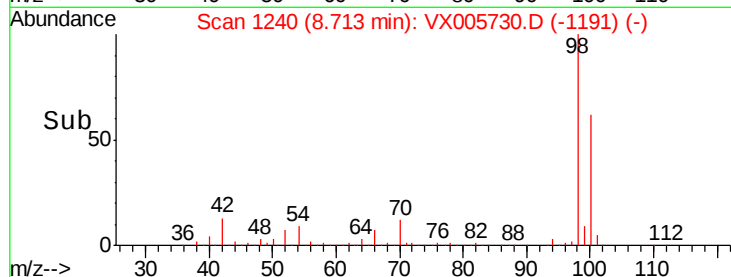
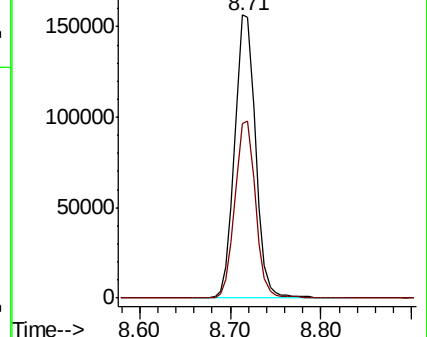
98 100

100 62.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.311 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005730.D

Acq: 01 Nov 2018 15:37

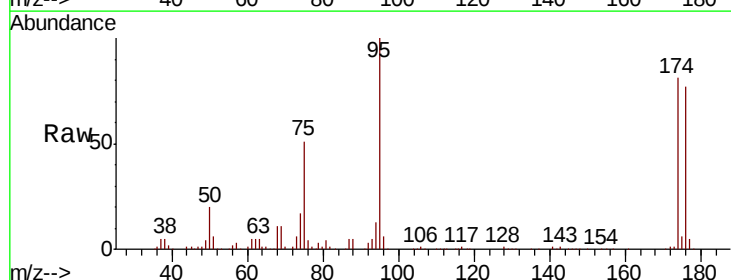
Tgt Ion: 95 Resp: 80151

Ion Ratio Lower Upper

95 100

174 79.8 0.0 184.4

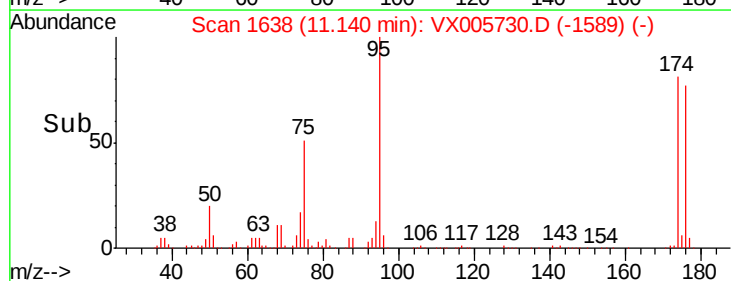
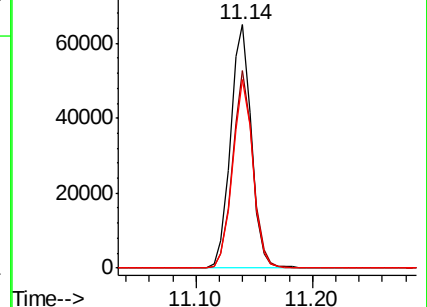
176 76.2 0.0 177.4

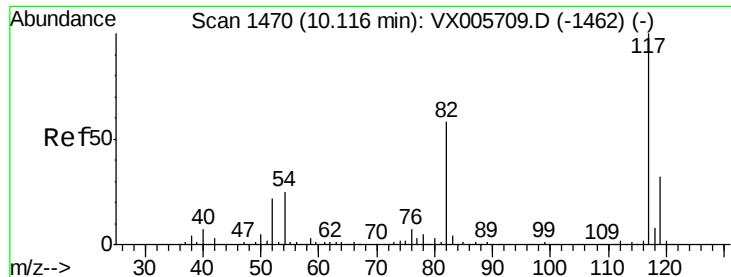


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

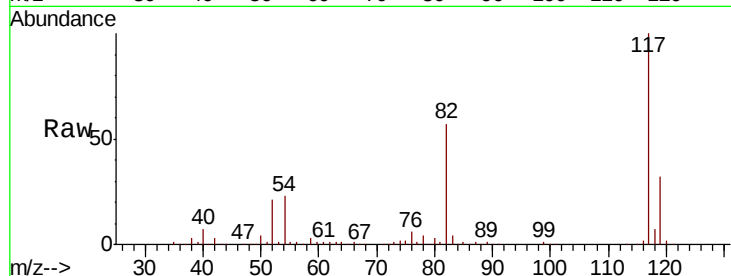




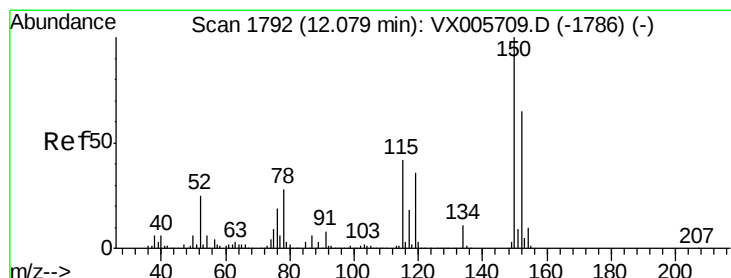
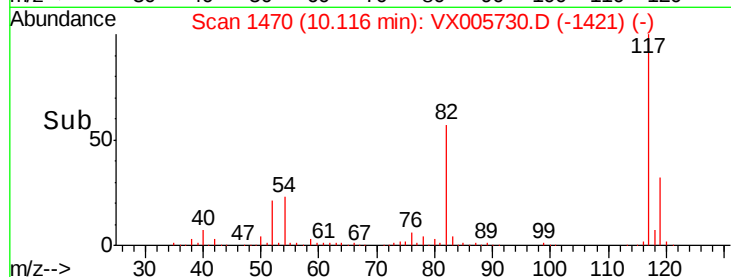
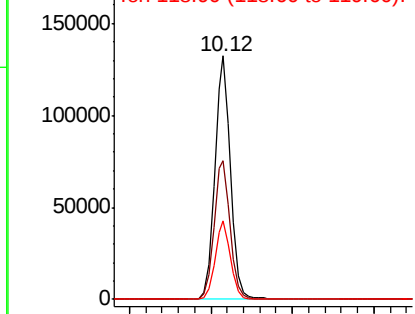
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005730.D
Acq: 01 Nov 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 180393
Ion Ratio Lower Upper
117 100
82 57.2 44.1 66.1
119 32.1 26.2 39.2

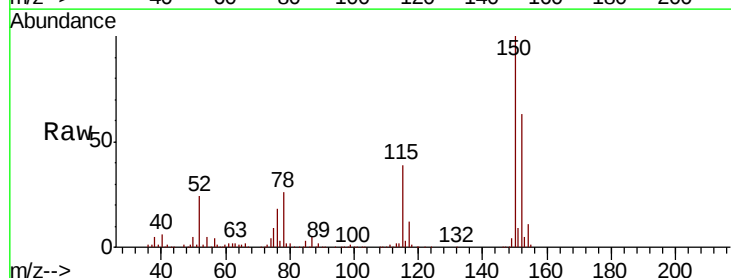


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

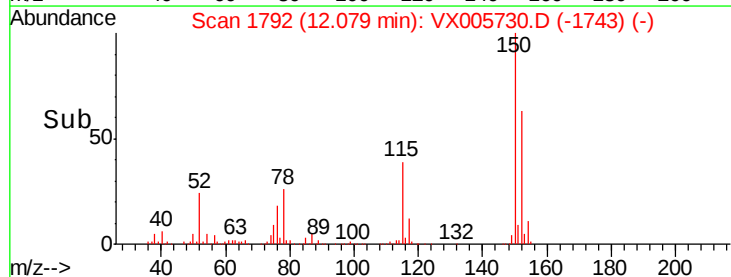
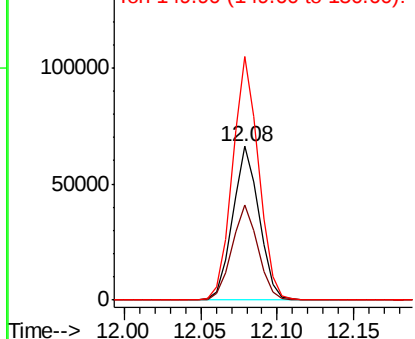


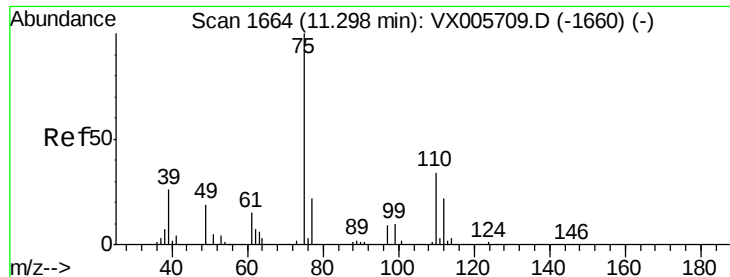
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005730.D
Acq: 01 Nov 2018 15:37

Tgt Ion:152 Resp: 79005
Ion Ratio Lower Upper
152 100
115 61.1 39.4 118.1
150 156.5 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: 21.733 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005730.D

Acq: 01 Nov 2018 15:37

Instrument :

MSVOA_X

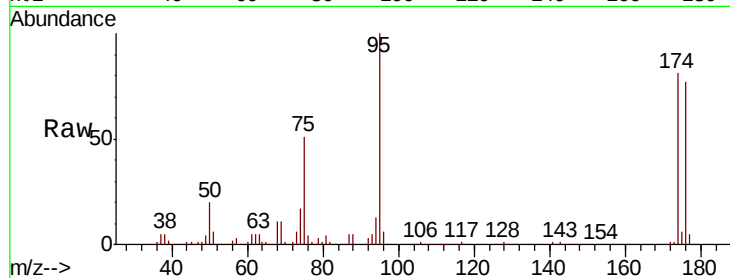
ClientSampleId :

Tot Ion: 75 Resp: 42764

Ion Ratio Lower Upper

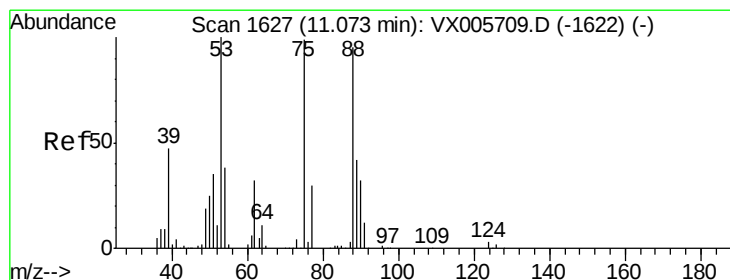
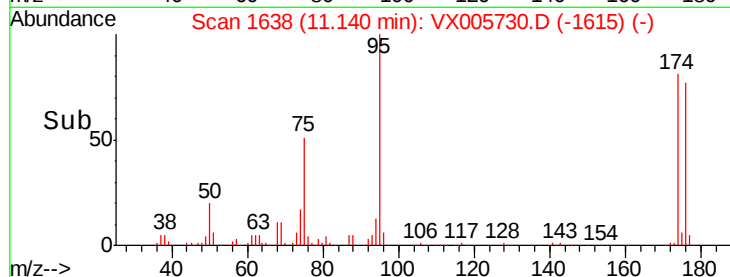
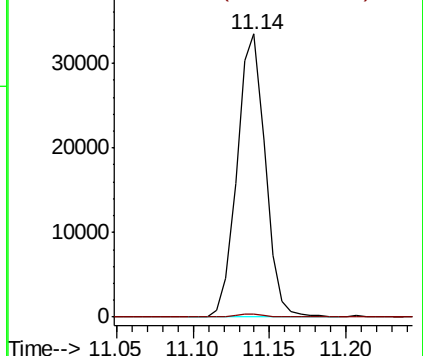
75 100

77 1.3 20.5 61.6#



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: 70.217 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005730.D

Acq: 01 Nov 2018 15:37

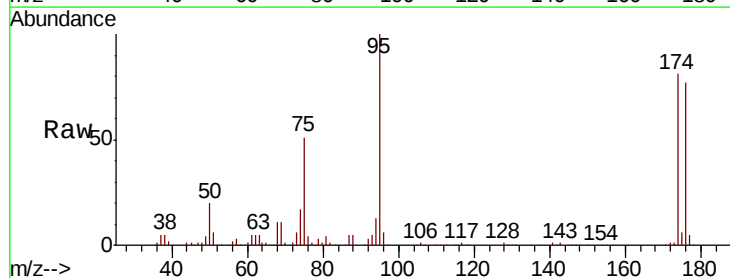
Tgt Ion: 75 Resp: 42764

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.2#

89 0.0 39.8 59.8#



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

