

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000803.D
 Acq On : 12 Apr 2018 15:41
 Operator : JC/MD
 Sample : J2312-01DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F-4-09-18DL

Quant Time: Apr 13 06:54:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352546	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	181988	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	155063	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	5.51	113	126994	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
50) Toluene-d8	8.73	98	483103	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.15	95	175708	41.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.98%	

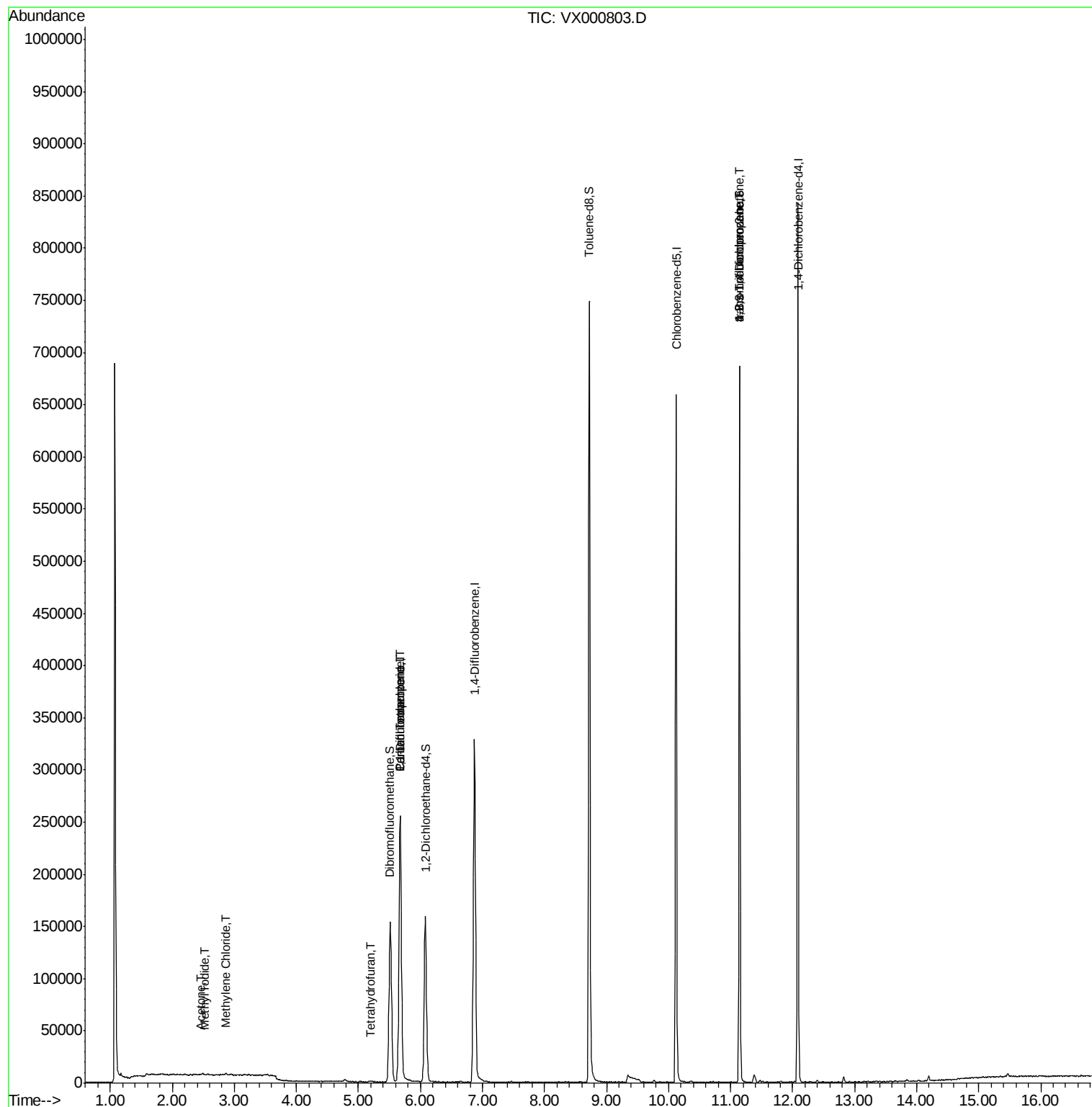
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	498	Below Cal		96
10) Methyl Iodide	2.52	142	205	8.31	ug/l #	55
16) Acetone	2.46	43	673	0.57	ug/l #	73
20) Methylene Chloride	2.86	84	620	0.22	ug/l #	71
29) Tetrahydrofuran	5.19	42	880	0.71	ug/l #	47
36) 1,1-Dichloropropene	5.67	75	16413	4.23	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23088	5.31	ug/l #	14
76) 1,2,3-Trichloropropane	11.14	75	86634	27.60	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	86634	75.93	ug/l #	11

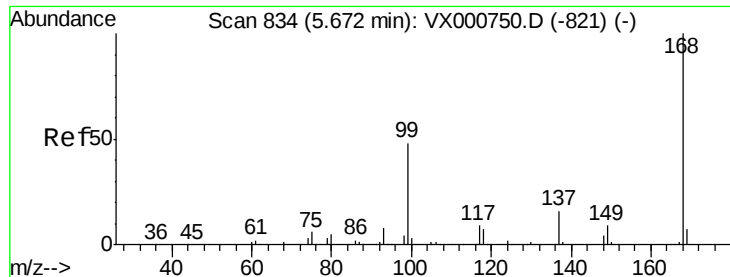
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
Data File : VX000803.D
Acq On : 12 Apr 2018 15:41
Operator : JC/MD
Sample : J2312-01DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
F-4-09-18DL

Quant Time: Apr 13 06:54:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 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: VX000803.D

Acq: 12 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

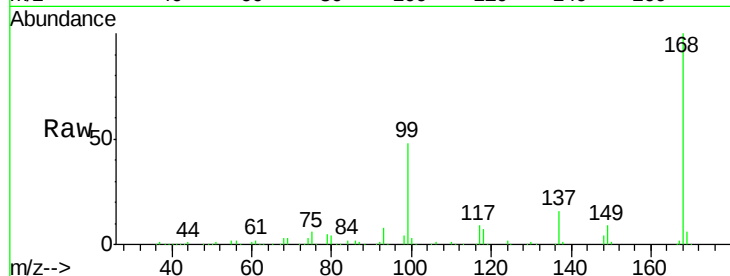
F-4-09-18DL

Tgt Ion:168 Resp: 273394

Ion Ratio Lower Upper

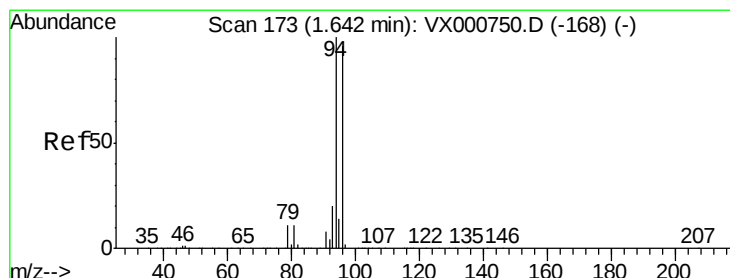
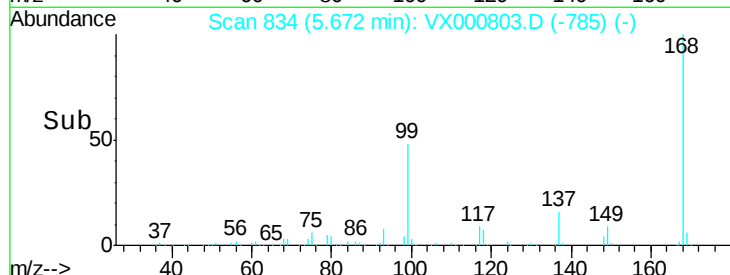
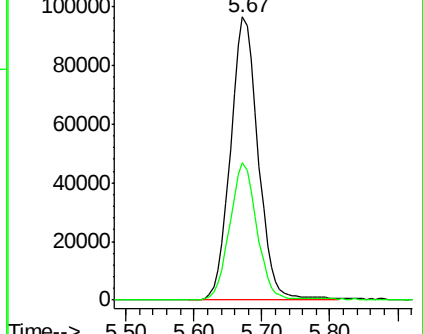
168 100

99 48.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000803.D

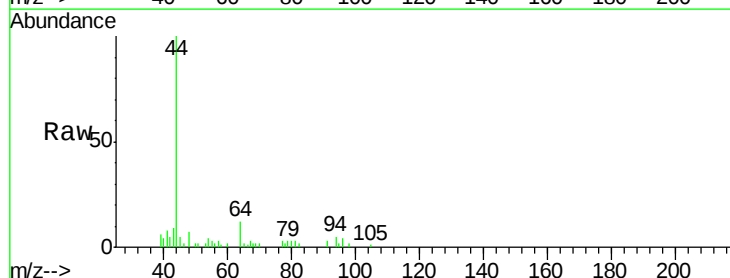
Acq: 12 Apr 2018 15:41

Tgt Ion: 94 Resp: 498

Ion Ratio Lower Upper

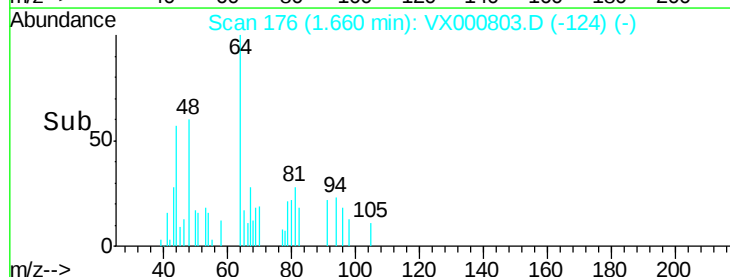
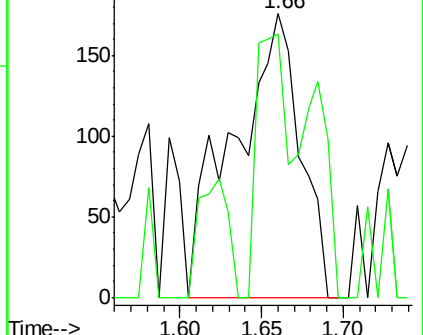
94 100

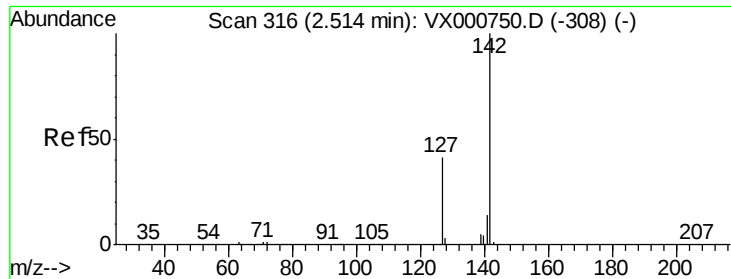
96 92.6 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

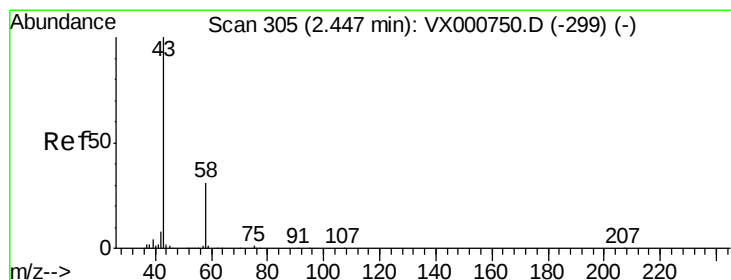
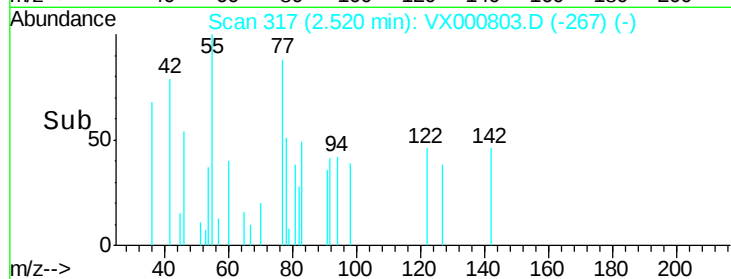
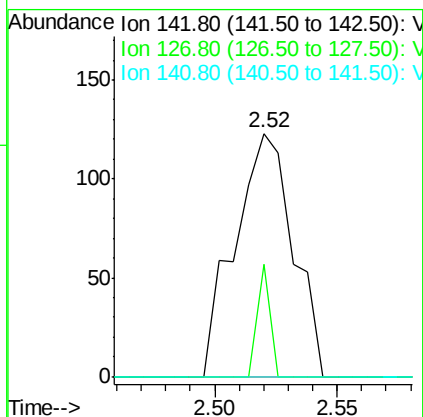
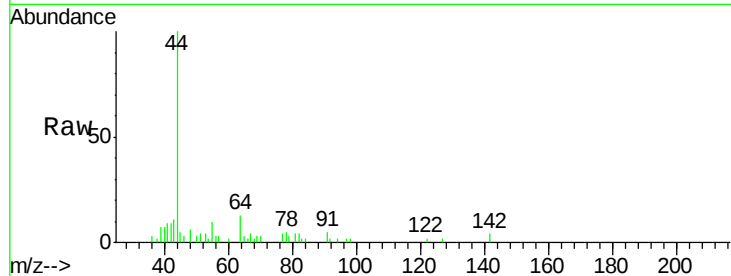




#10
Methyl Iodide
Concen: 8.31 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000803.D
Acq: 12 Apr 2018 15:41

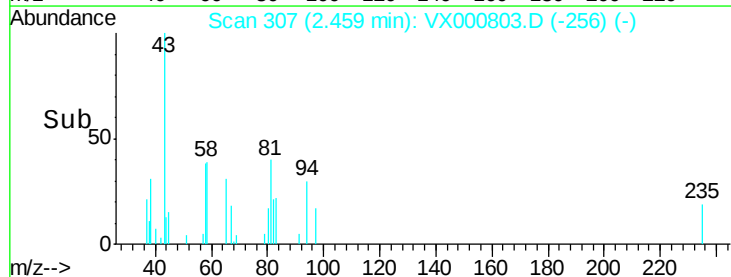
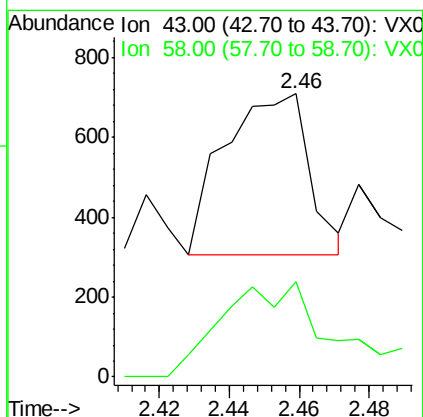
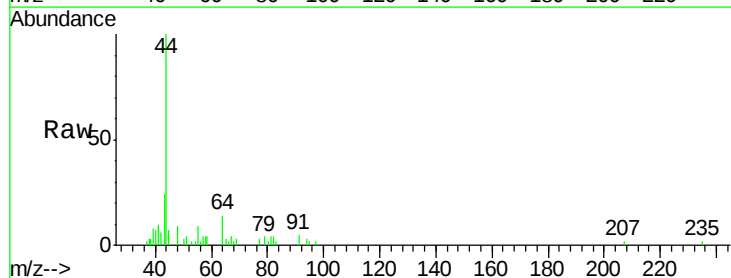
Instrument :
MSVOA_X
ClientSampled :
F-4-09-18DL

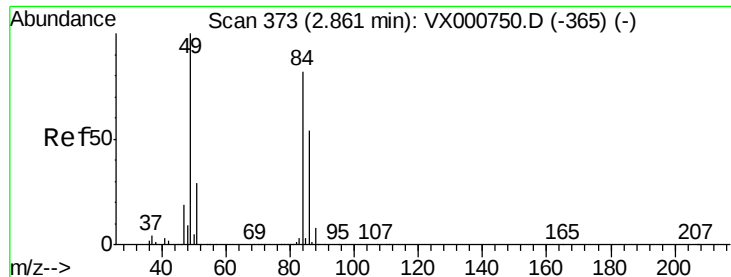
Tgt Ion: 142 Resp: 205
Ion Ratio Lower Upper
142 100
127 10.2 32.6 49.0#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 0.57 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX000803.D
Acq: 12 Apr 2018 15:41

Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
58 45.5 24.6 37.0#

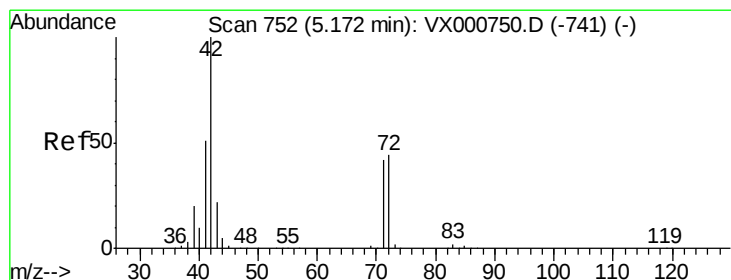
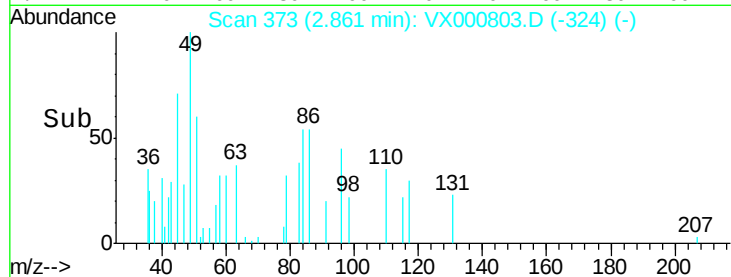
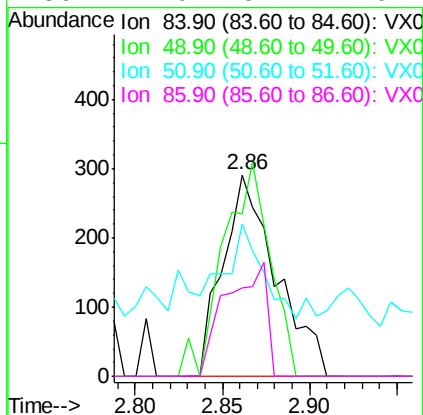
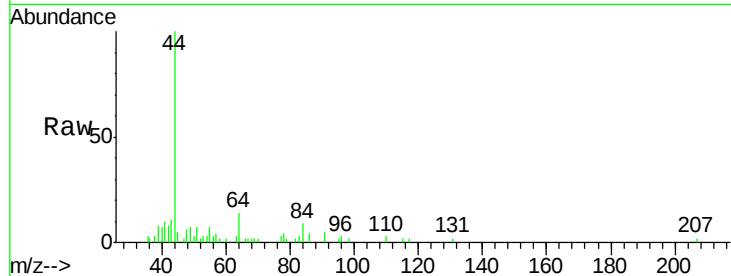




#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000803.D
Acq: 12 Apr 2018 15:41

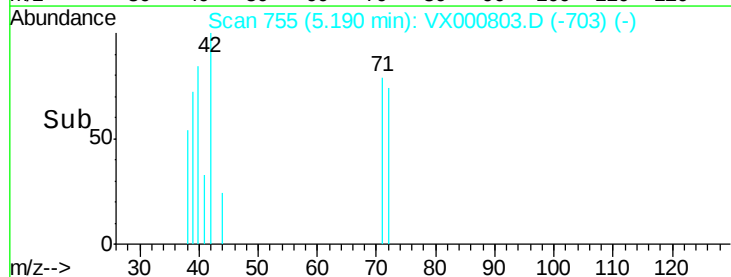
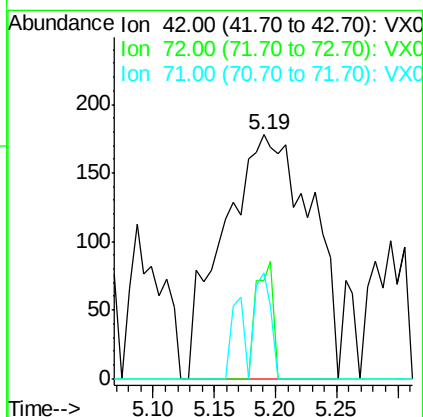
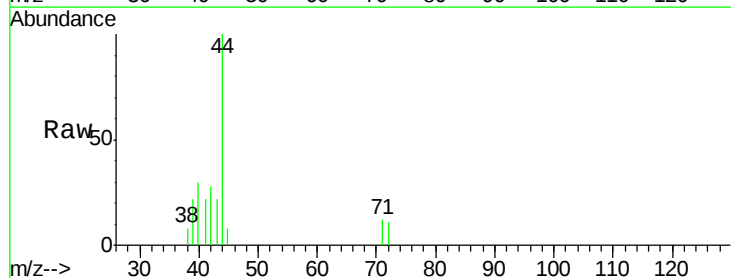
Instrument :
MSVOA_X
ClientSampled :
F-4-09-18DL

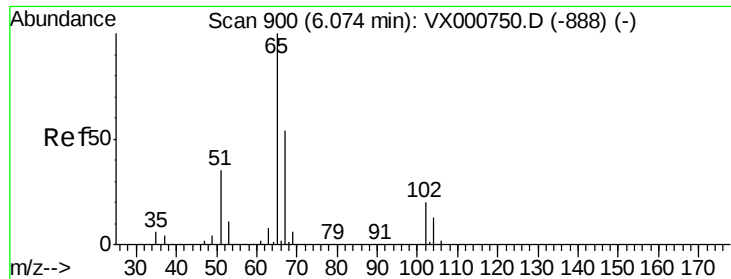
Tgt Ion: 84 Resp: 620
Ion Ratio Lower Upper
84 100
49 80.8 98.1 147.1#
51 35.4 28.9 43.3
86 44.0 52.7 79.1#



#29
Tetrahydrofuran
Concen: 0.71 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX000803.D
Acq: 12 Apr 2018 15:41

Tgt Ion: 42 Resp: 880
Ion Ratio Lower Upper
42 100
72 9.5 35.1 52.7#
71 8.2 32.8 49.2#

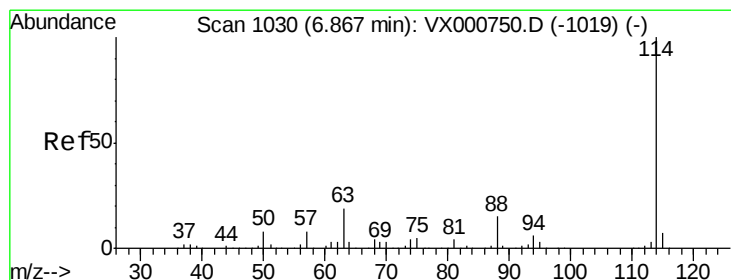
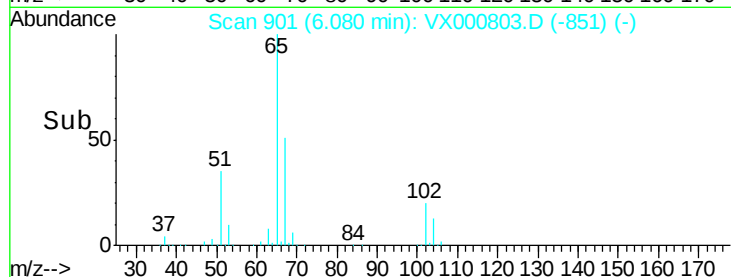
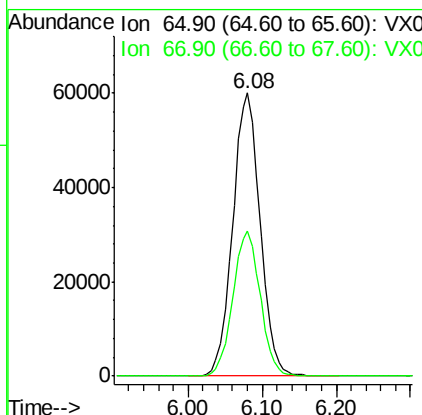
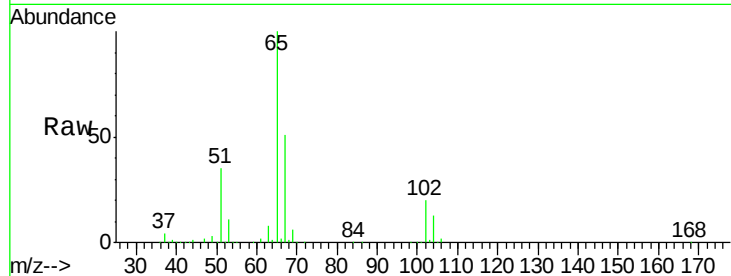




#33
 1,2-Dichloroethane-d4
 Concen: 44.98 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000803.D
 Acq: 12 Apr 2018 15:41

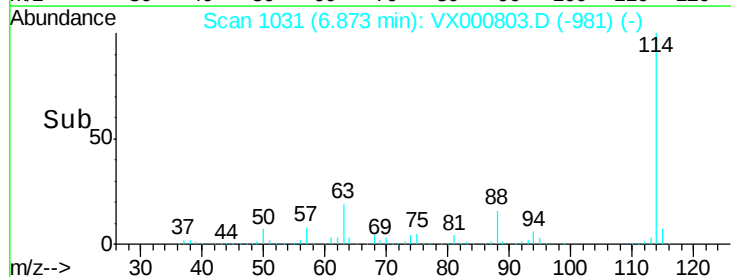
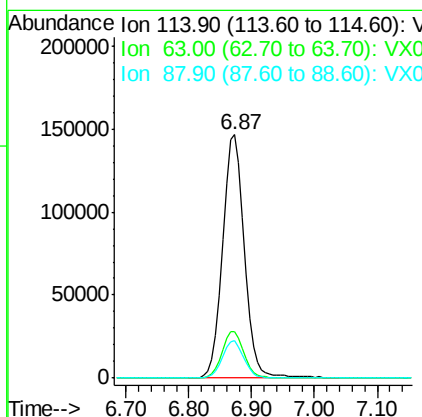
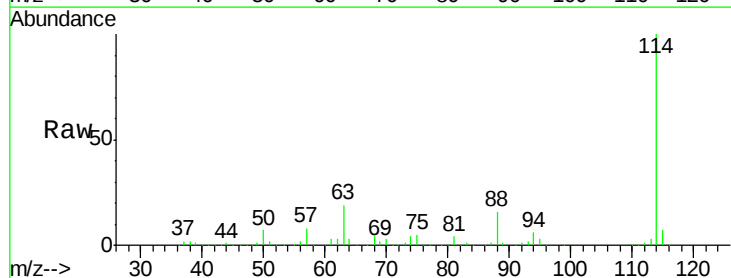
Instrument :
 MSVOA_X
 ClientSampled :
 F-4-09-18DL

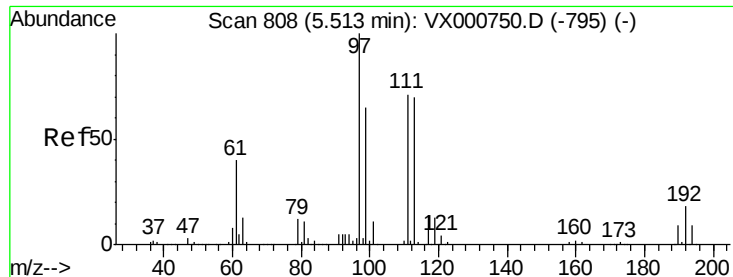
Tgt Ion: 65 Resp: 155063
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000803.D
 Acq: 12 Apr 2018 15:41

Tgt Ion: 114 Resp: 352546
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.4
 88 15.6 0.0 31.0

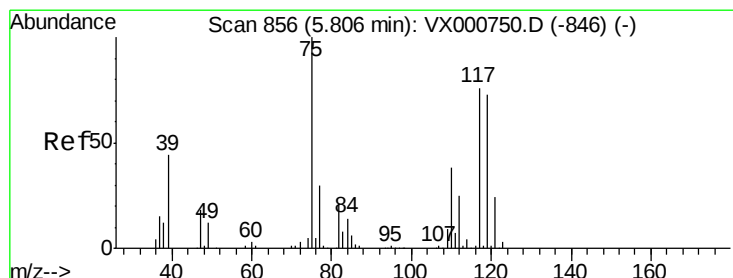
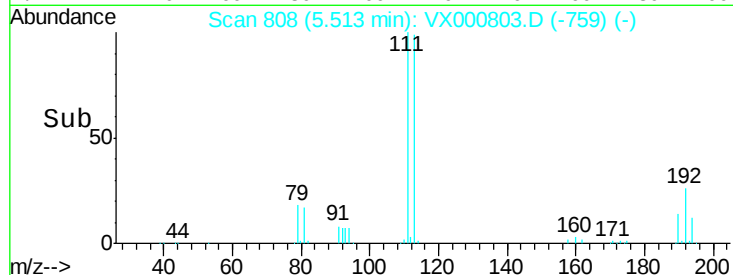
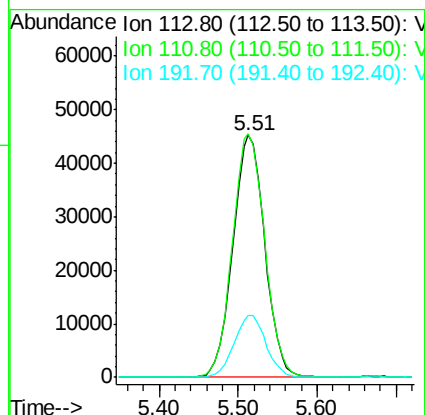
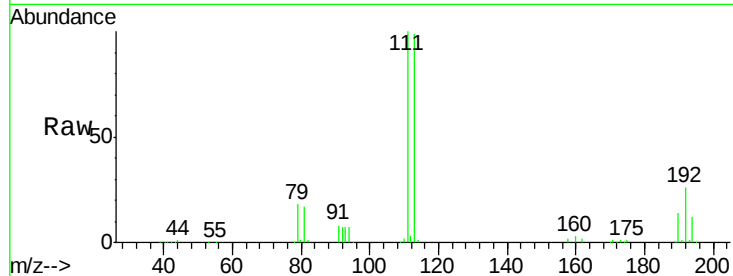




#35
 Dibromofluoromethane
 Concen: 46.76 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000803.D
 Acq: 12 Apr 2018 15:41

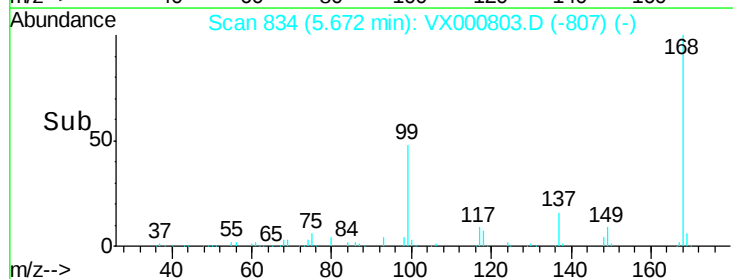
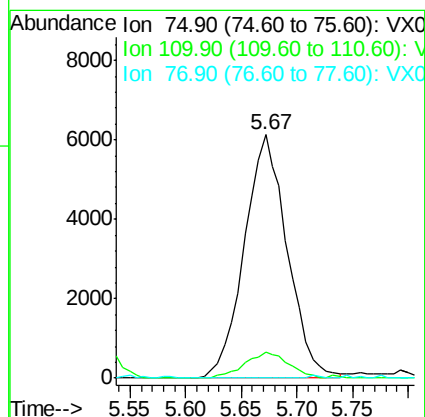
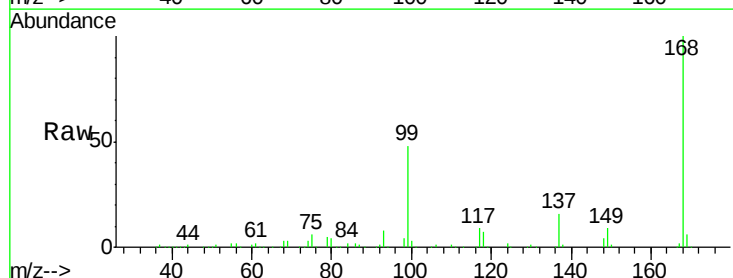
Instrument :
 MSVOA_X
 ClientSampled :
 F-4-09-18DL

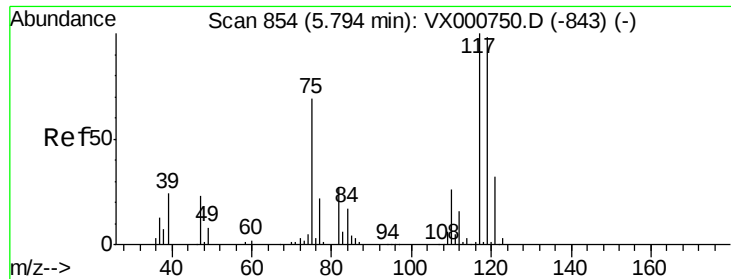
Tgt Ion:113 Resp: 126994
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.5 122.3
 192 25.7 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 4.23 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX000803.D
 Acq: 12 Apr 2018 15:41

Tgt Ion: 75 Resp: 16413
 Ion Ratio Lower Upper
 75 100
 110 10.9 19.2 57.6#
 77 0.0 25.4 38.2#

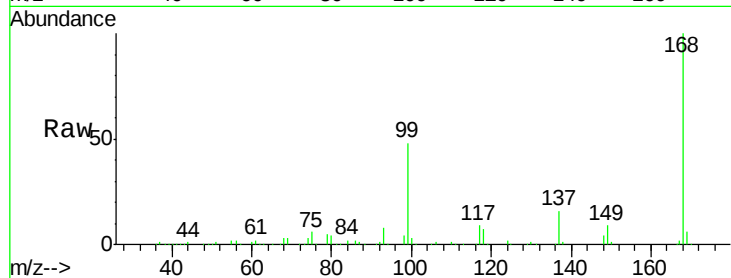




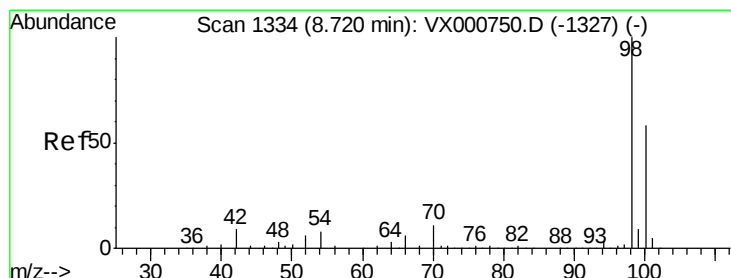
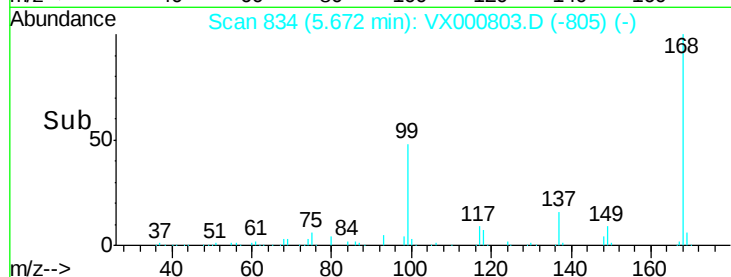
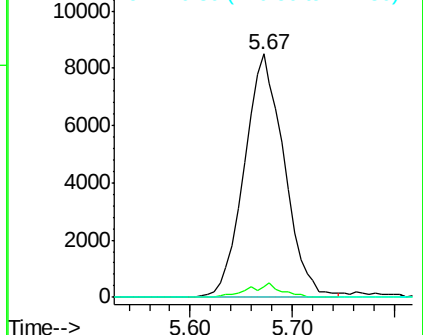
#38
Carbon Tetrachloride
Concen: 5.31 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000803.D
Acq: 12 Apr 2018 15:41

Instrument :
MSVOA_X
ClientSampled :
F-4-09-18DL

Tgt Ion:117 Resp: 23088
Ion Ratio Lower Upper
117 100
119 4.3 78.4 117.6#
121 0.0 25.4 38.0#

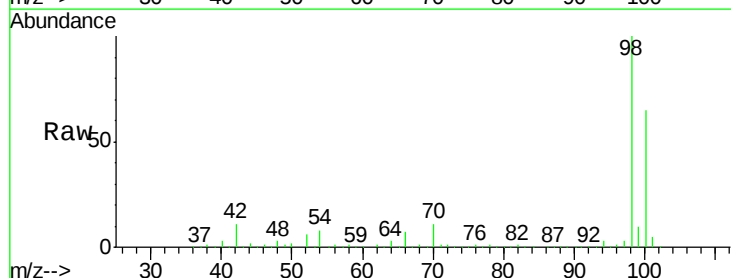


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

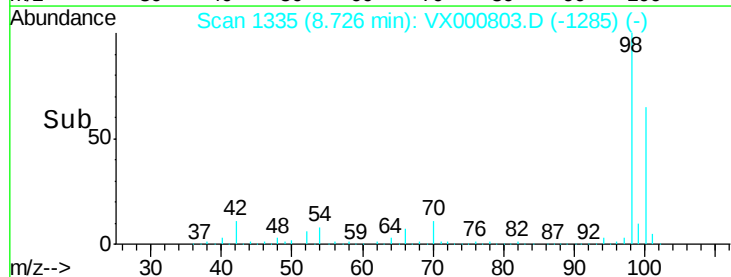
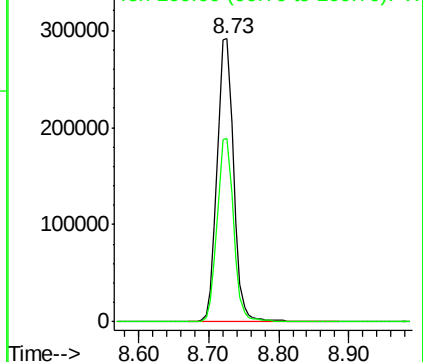


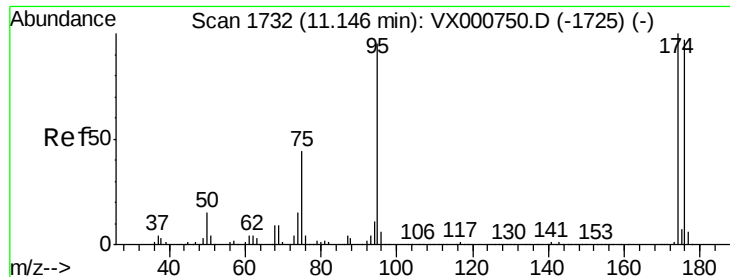
#50
Toluene-d8
Concen: 47.77 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000803.D
Acq: 12 Apr 2018 15:41

Tgt Ion: 98 Resp: 483103
Ion Ratio Lower Upper
98 100
100 64.5 52.6 79.0



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

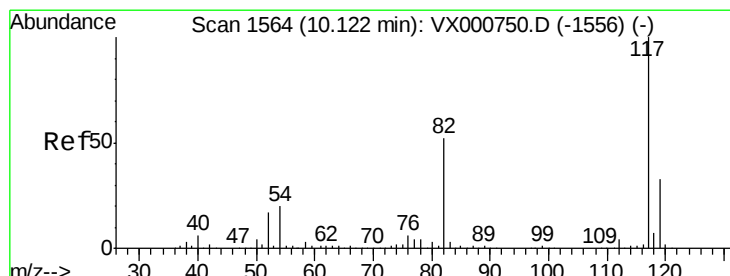
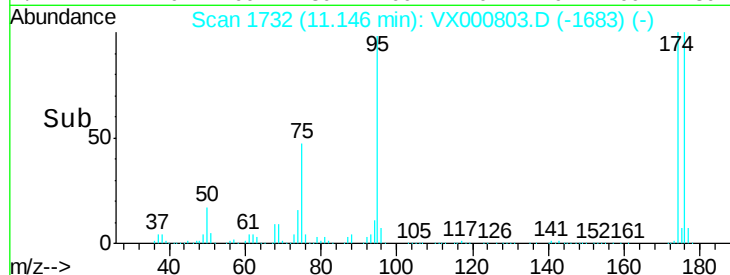
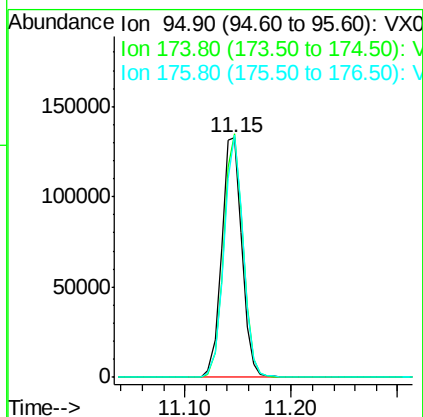
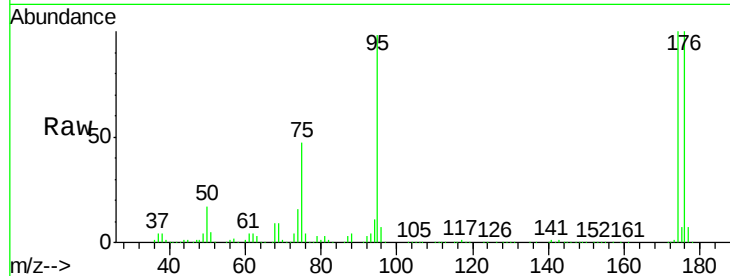




#62
4-Bromofluorobenzene
Concen: 41.99 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000803.D
Acq: 12 Apr 2018 15:41

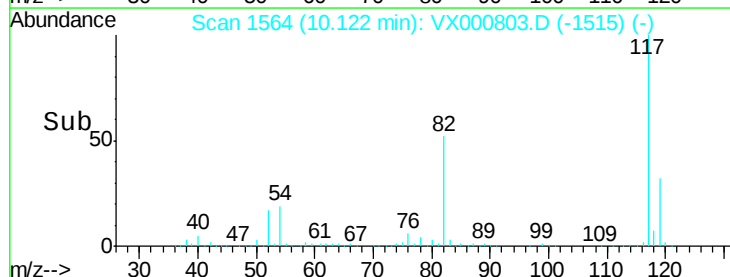
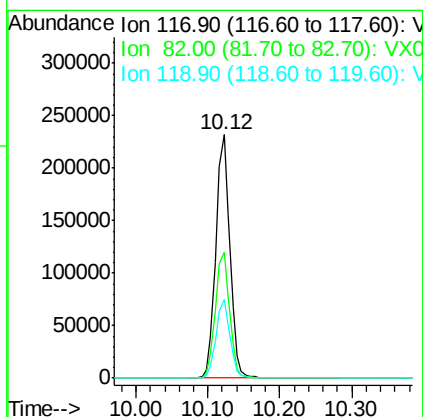
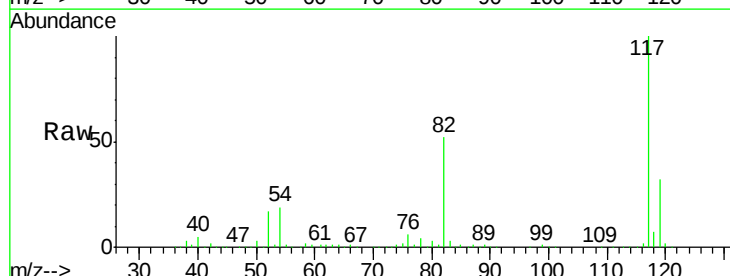
Instrument :
MSVOA_X
ClientSampleId :
F-4-09-18DL

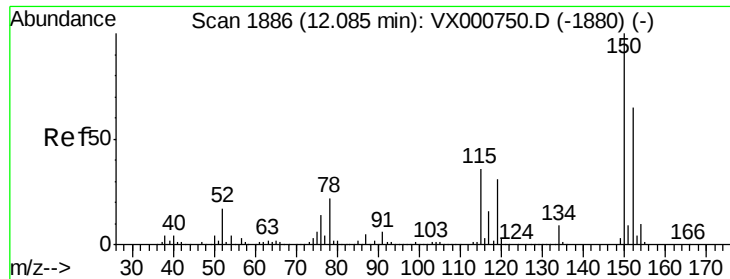
Tgt Ion: 95 Resp: 175708
Ion Ratio Lower Upper
95 100
174 97.4 0.0 198.4
176 95.7 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000803.D
Acq: 12 Apr 2018 15:41

Tgt Ion: 117 Resp: 312307
Ion Ratio Lower Upper
117 100
82 51.6 41.9 62.9
119 32.4 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000803.D

Acq: 12 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

F-4-09-18DL

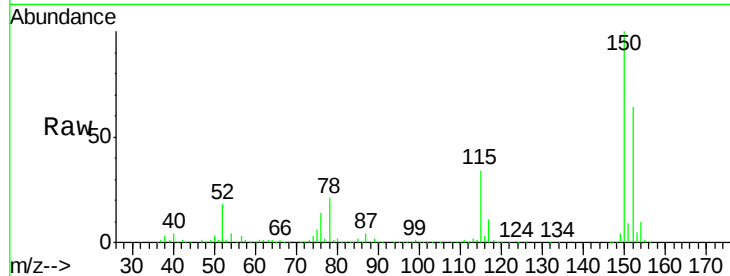
Tgt Ion:152 Resp: 181988

Ion Ratio Lower Upper

152 100

115 53.2 37.9 113.7

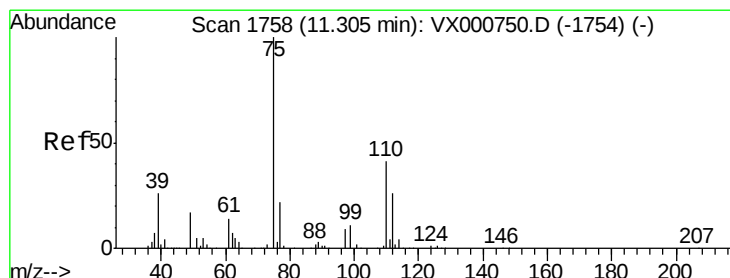
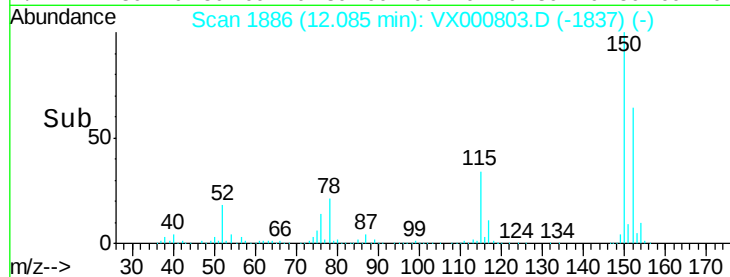
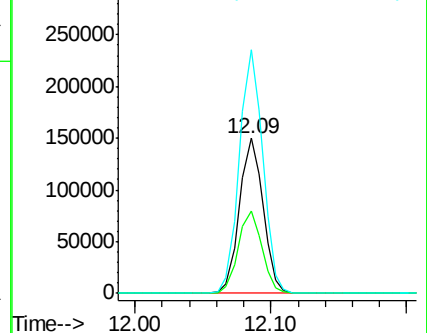
150 155.6 0.0 348.0



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: 27.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000803.D

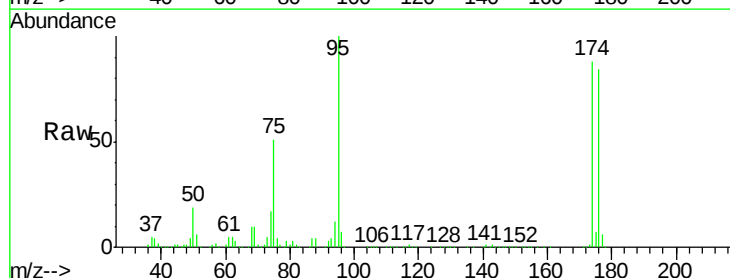
Acq: 12 Apr 2018 15:41

Tgt Ion: 75 Resp: 86634

Ion Ratio Lower Upper

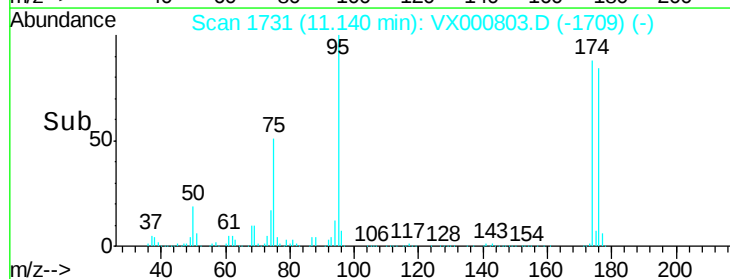
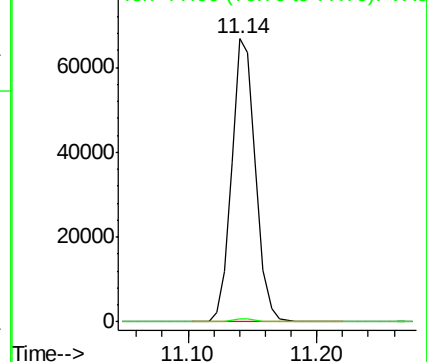
75 100

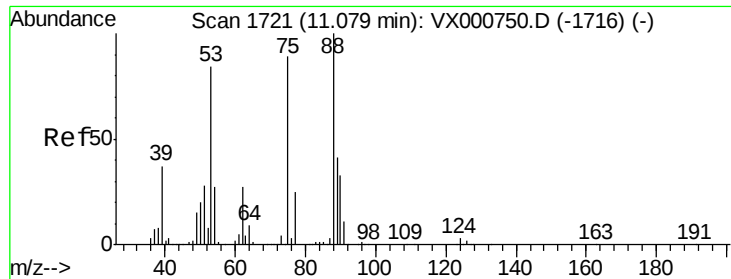
77 1.2 20.5 61.5#



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: 75.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000803.D

Acq: 12 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

F-4-09-18DL

Tgt Ion: 75 Resp: 86634

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

89 0.0 40.9 61.3#

