

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
 Data File : VX000471.D
 Acq On : 27 Mar 2018 20:45
 Operator : JC/MD
 Sample : J2056-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22250-51

Quant Time: Mar 28 07:52:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

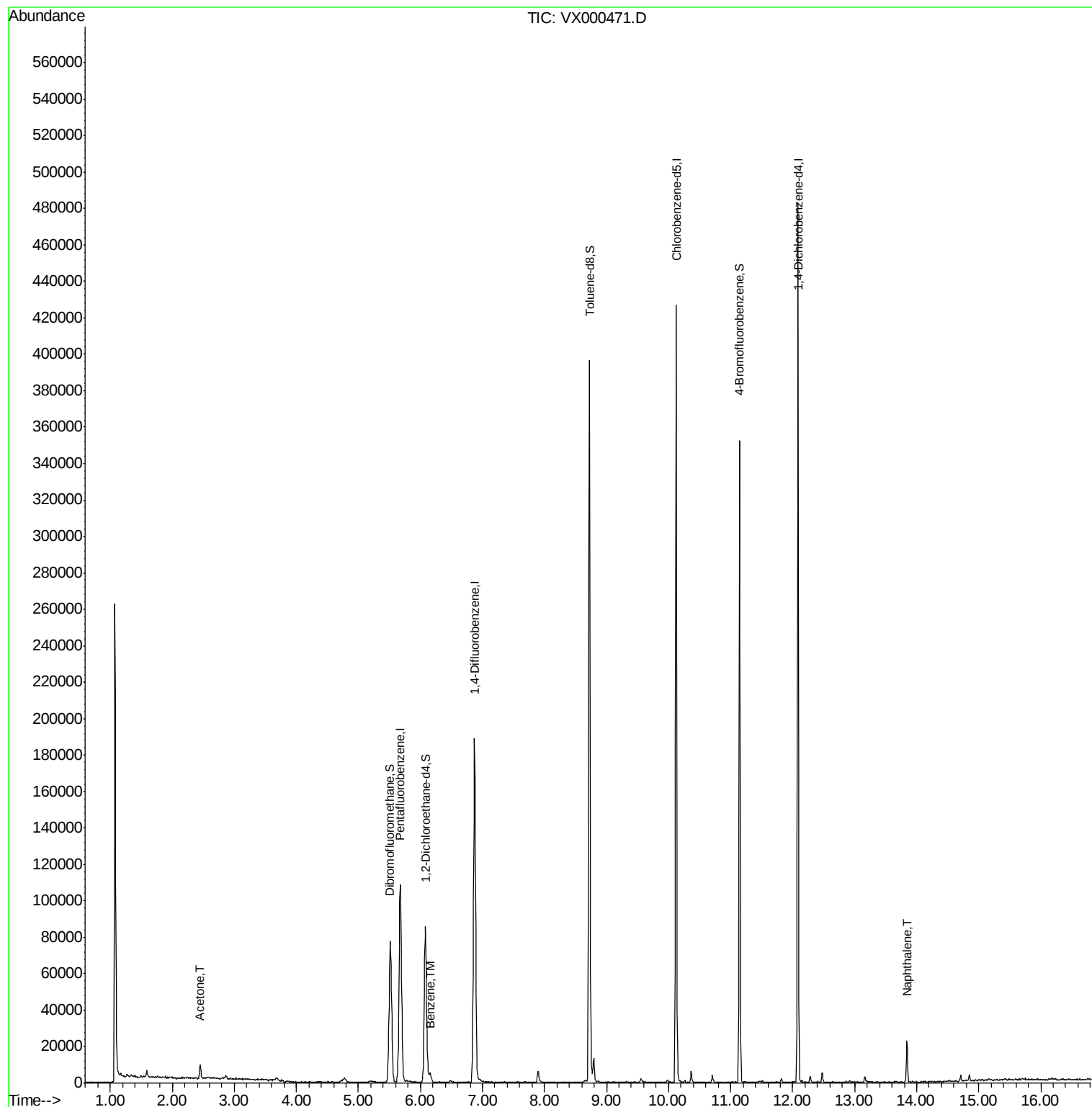
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	103944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	186114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	87805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	76564	56.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.86%	
35) Dibromofluoromethane	5.51	113	59865	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	8.73	98	233961	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.15	95	77546	39.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.58%	
Target Compounds						
16) Acetone	2.45	43	7910	7.01	ug/l	94
40) Benzene	6.15	78	5450	1.08	ug/l	94
95) Naphthalene	13.84	128	12601	1.76	ug/l	96

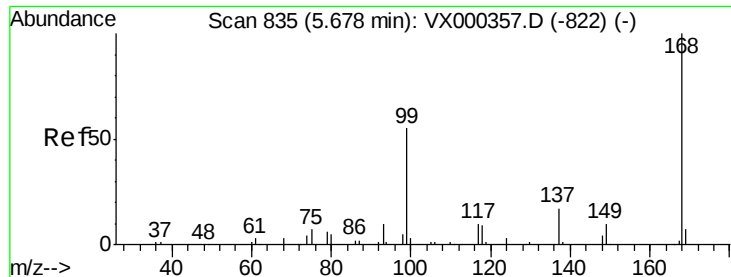
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000471.D

Acq: 27 Mar 2018 20:45

Instrument :

MSVOA_X

ClientSampleId :

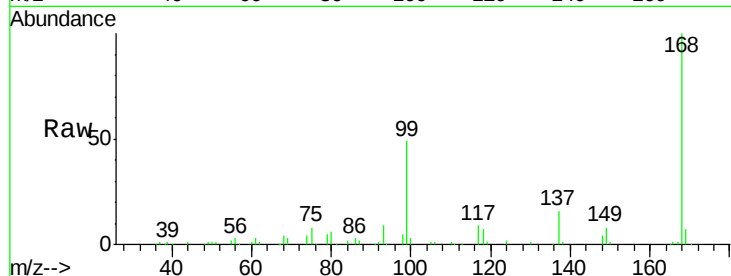
22250-51

Tot Ion:168 Resp: 103944

Ion Ratio Lower Upper

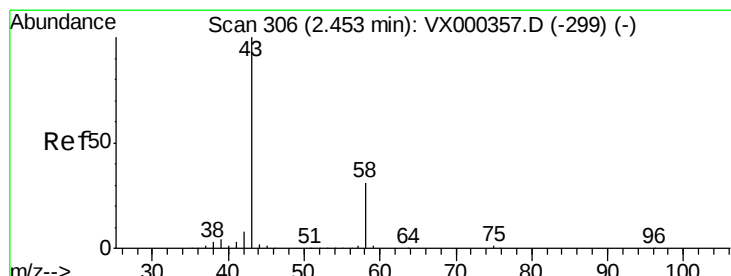
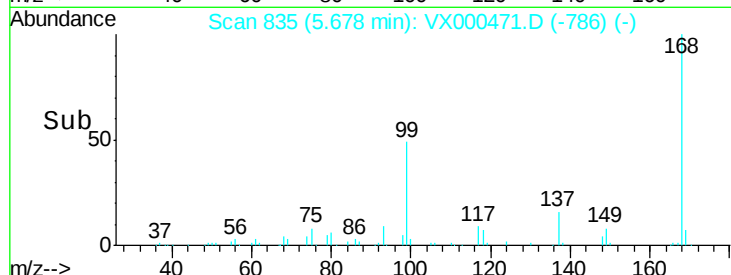
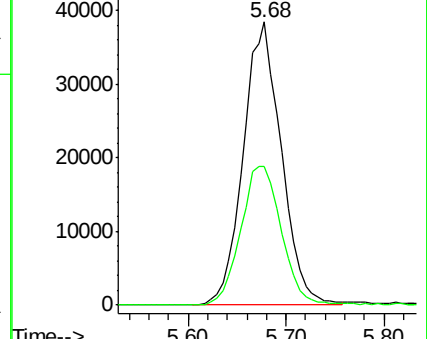
168 100

99 49.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.01 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000471.D

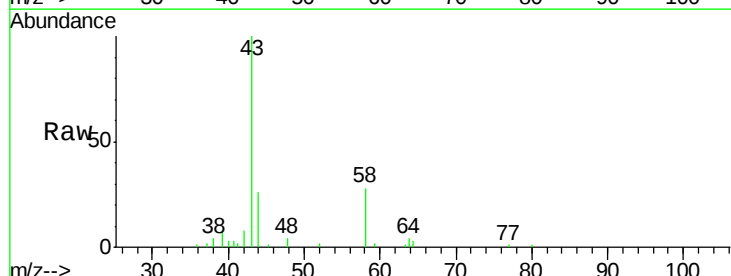
Acq: 27 Mar 2018 20:45

Tgt Ion: 43 Resp: 7910

Ion Ratio Lower Upper

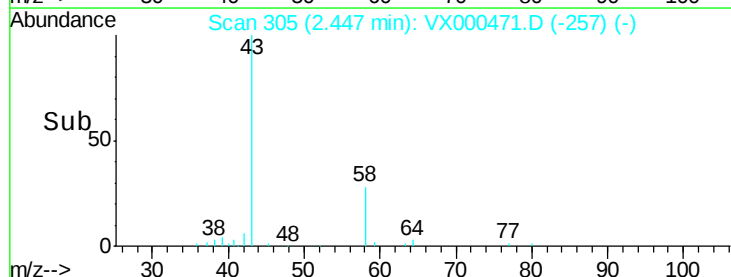
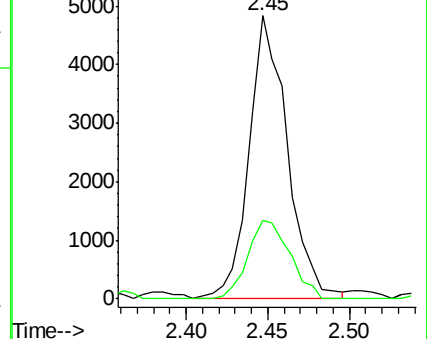
43 100

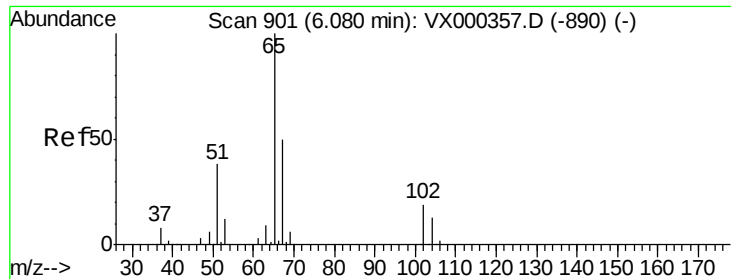
58 27.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 56.43 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000471.D

Acq: 27 Mar 2018 20:45

Instrument :

MSVOA_X

ClientSampleId :

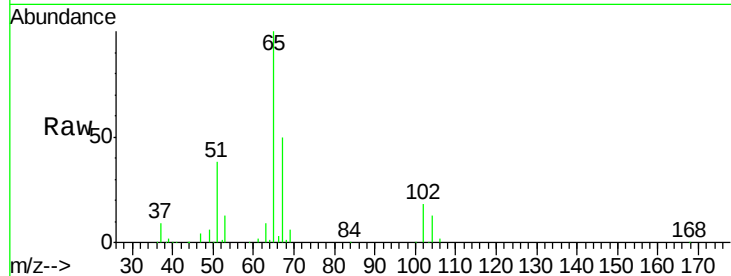
22250-51

Tot Ion: 65 Resp: 76564

Ion Ratio Lower Upper

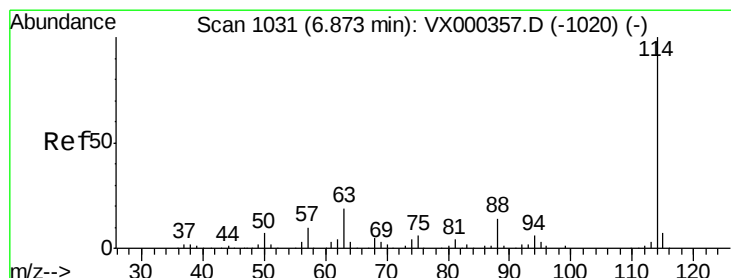
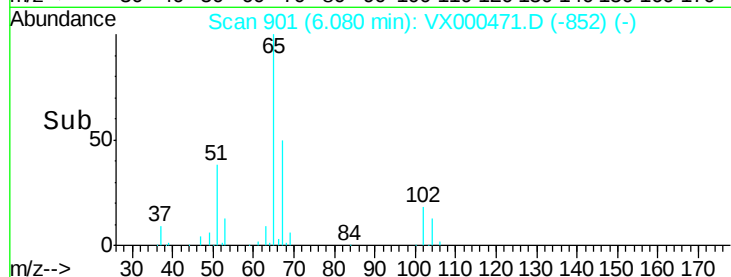
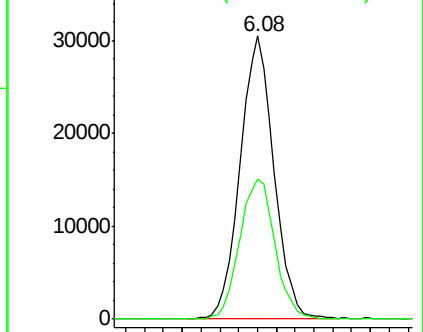
65 100

67 51.7 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000471.D

Acq: 27 Mar 2018 20:45

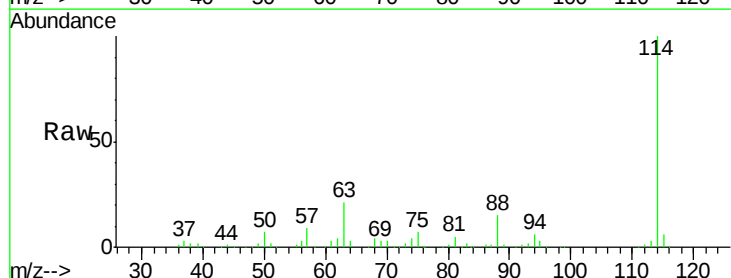
Tgt Ion: 114 Resp: 186114

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.4

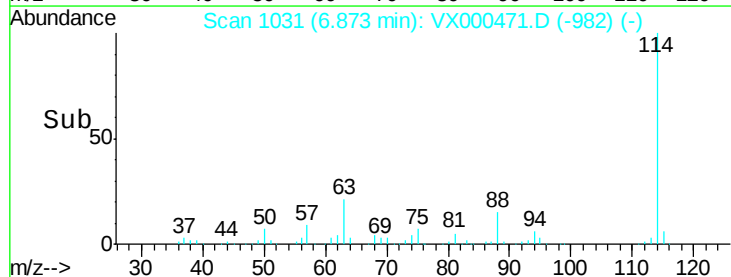
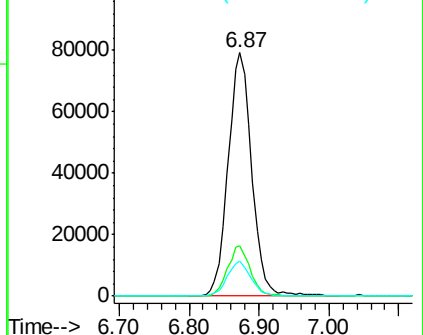
88 14.6 0.0 27.0

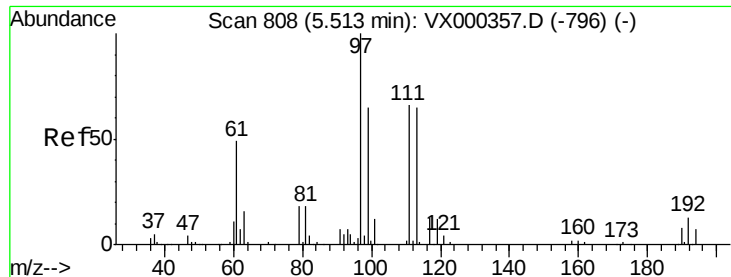


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.05 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000471.D

Acq: 27 Mar 2018 20:45

Instrument :

MSVOA_X

ClientSampleId :

22250-51

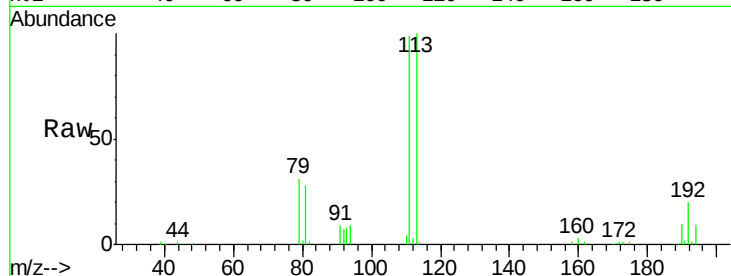
Tot Ion:113 Resp: 59865

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

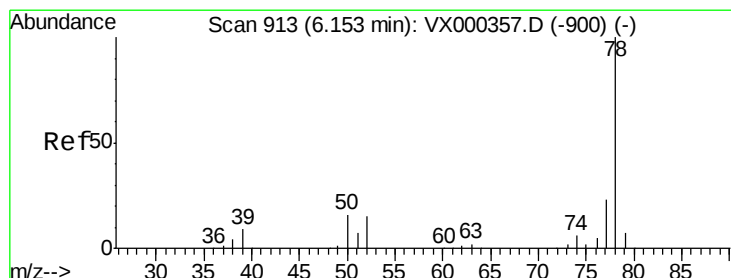
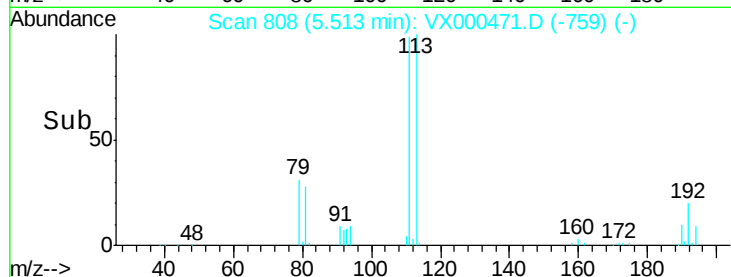
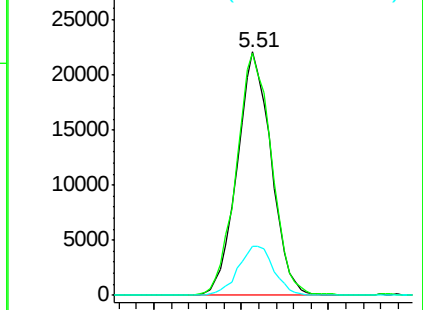
192 21.0 15.8 23.6



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



#40

Benzene

Concen: 1.08 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000471.D

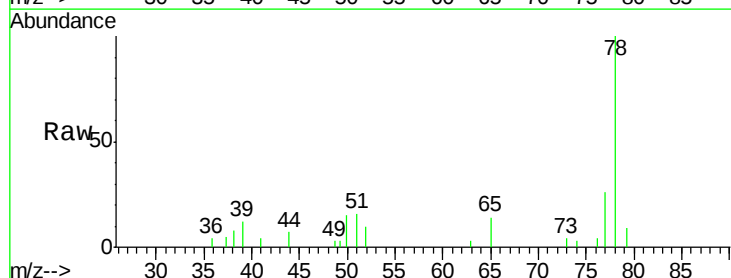
Acq: 27 Mar 2018 20:45

Tgt Ion: 78 Resp: 5450

Ion Ratio Lower Upper

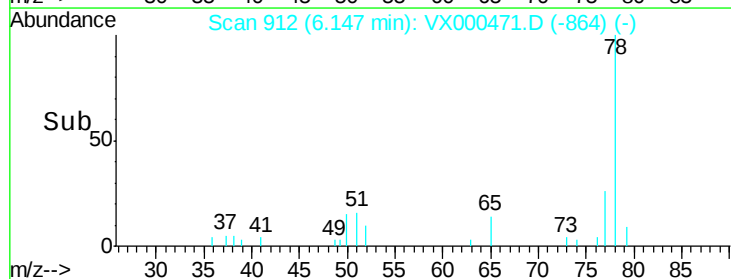
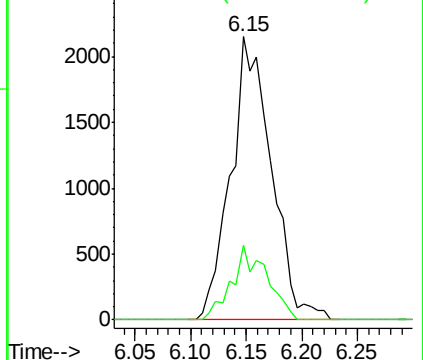
78 100

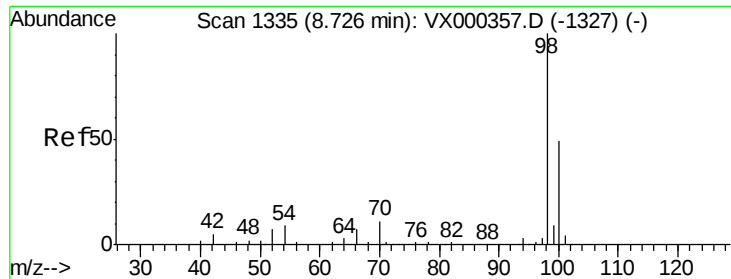
77 26.3 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 48.17 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000471.D

Acq: 27 Mar 2018 20:45

Instrument :

MSVOA_X

ClientSampleId :

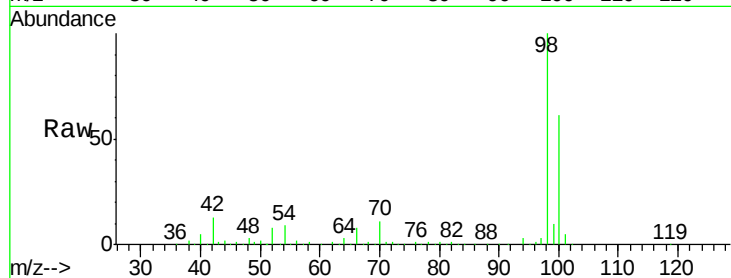
22250-51

Tot Ion: 98 Resp: 233961

Ion Ratio Lower Upper

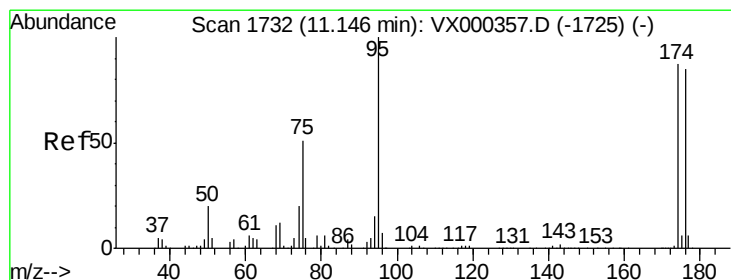
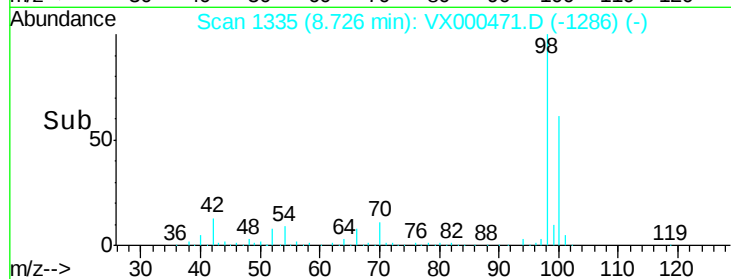
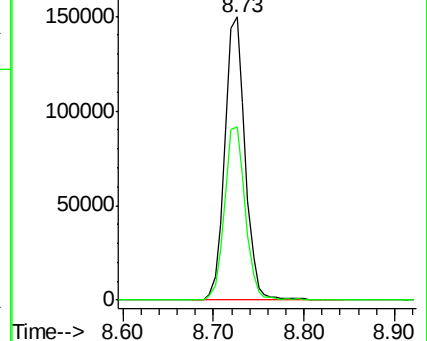
98 100

100 62.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 39.29 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000471.D

Acq: 27 Mar 2018 20:45

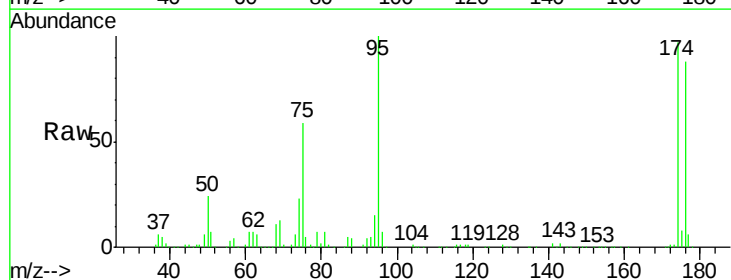
Tgt Ion: 95 Resp: 77546

Ion Ratio Lower Upper

95 100

174 91.5 0.0 173.6

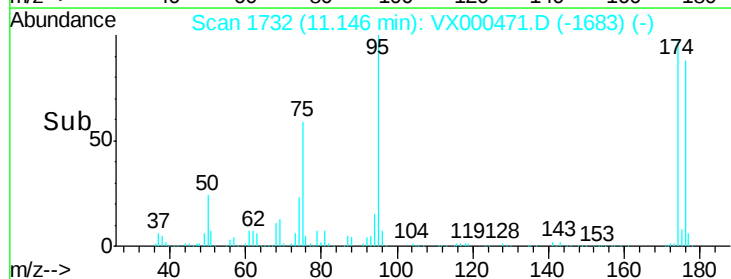
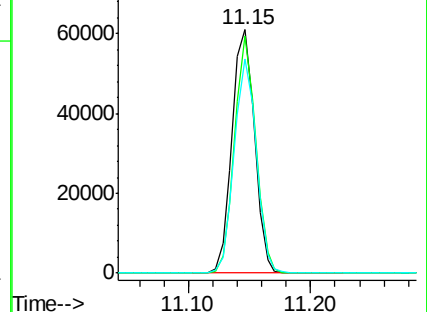
176 86.2 0.0 164.6

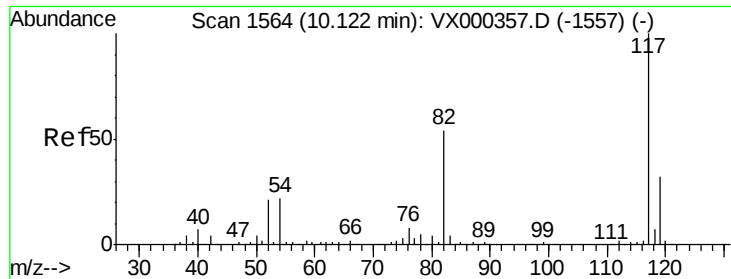


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

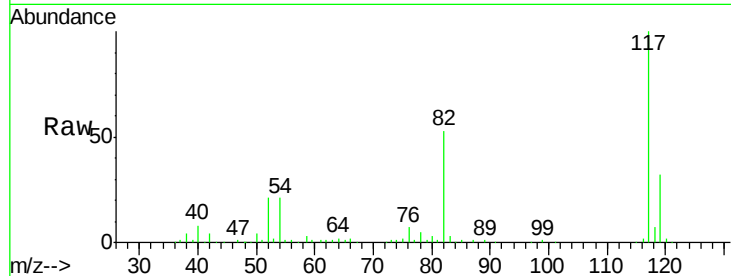




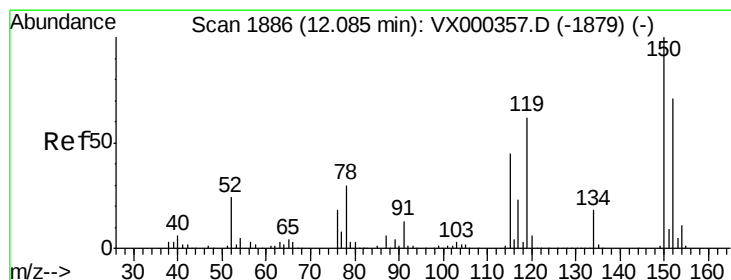
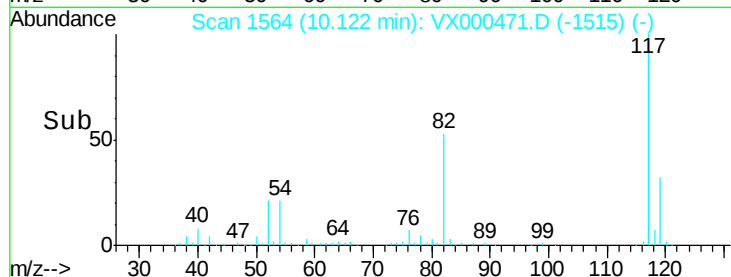
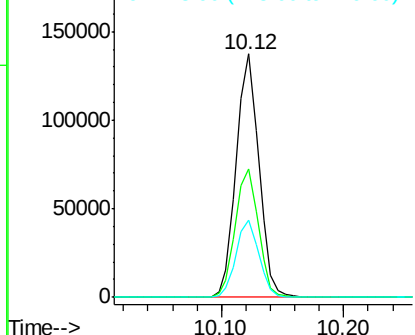
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000471.D
Acq: 27 Mar 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :
22250-51

Tot Ion:117 Resp: 176503
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.8
119 32.0 24.9 37.3

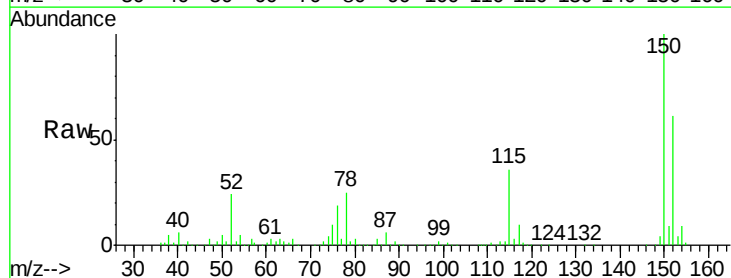


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

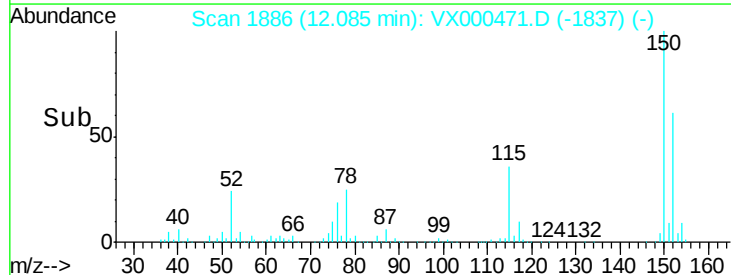
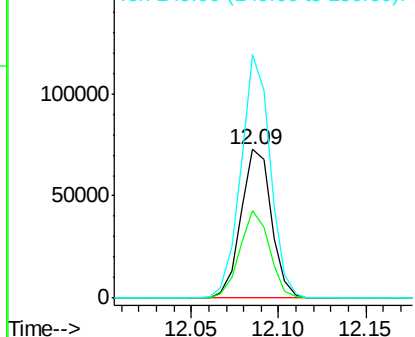


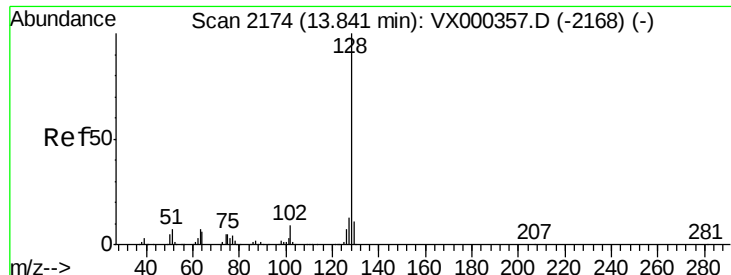
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000471.D
Acq: 27 Mar 2018 20:45

Tgt Ion:152 Resp: 87805
Ion Ratio Lower Upper
152 100
115 57.5 39.8 119.3
150 158.5 0.0 344.4



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





#95

Naphthalene

Concen: 1.76 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000471.D

Acq: 27 Mar 2018 20:45

Instrument :

MSVOA_X

ClientSampleId :

22250-51

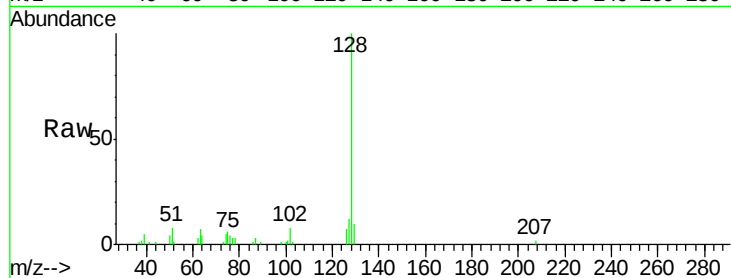
Tot Ion:128 Resp: 12601

Ion Ratio Lower Upper

128 100

127 14.8 10.6 15.8

129 12.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

15000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

