

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000367.D
 Acq On : 20 Mar 2018 18:28
 Operator : JC/MD
 Sample : J1760-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-031918

Quant Time: Mar 21 05:09:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration

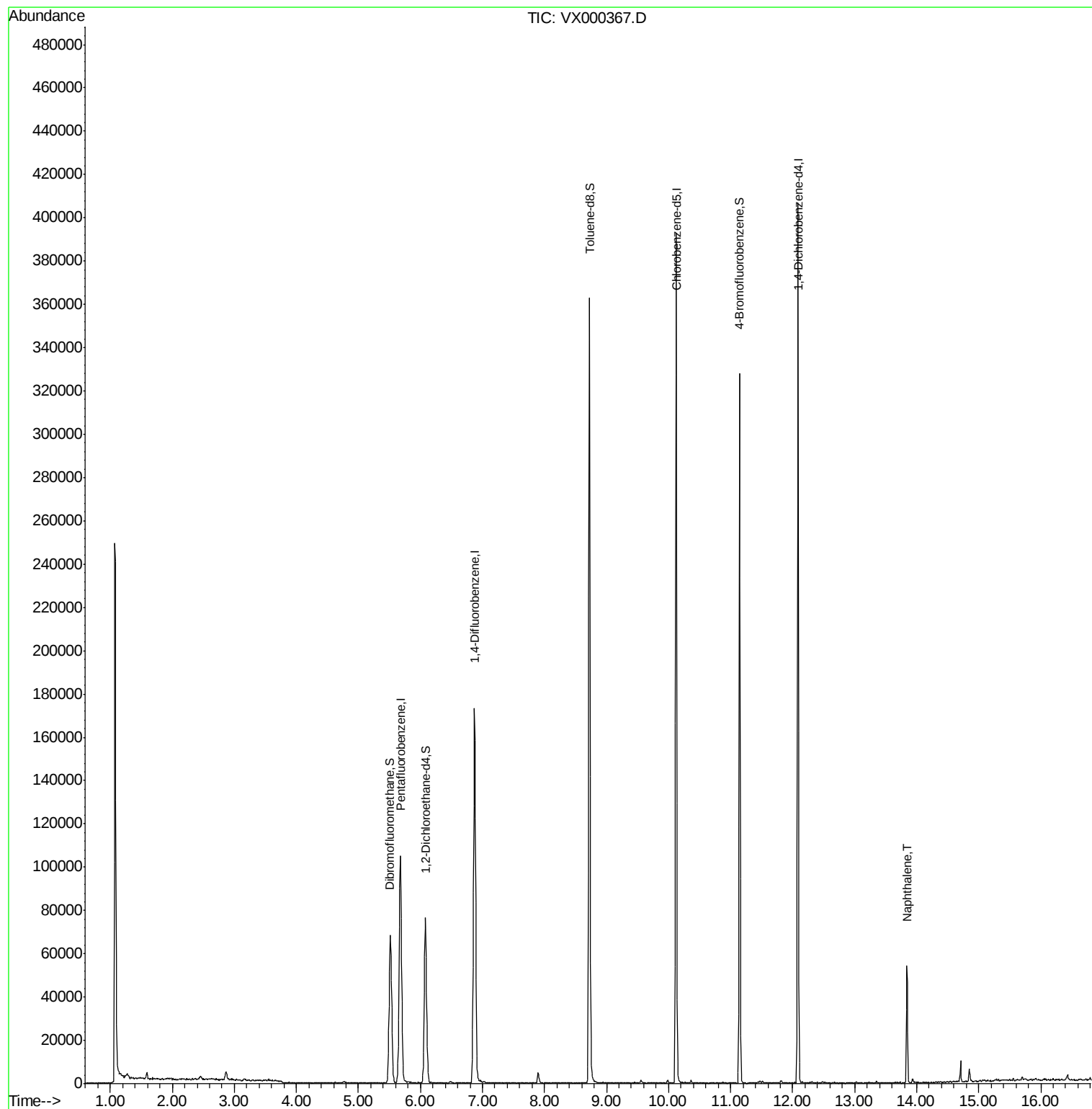
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	101573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	172002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	163476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	76294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	68924	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	5.51	113	54039	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	8.73	98	212479	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.15	95	70770	38.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.76%	
Target Compounds						
95) Naphthalene	13.84	128	31567	5.06	ug/l	Qvalue 99

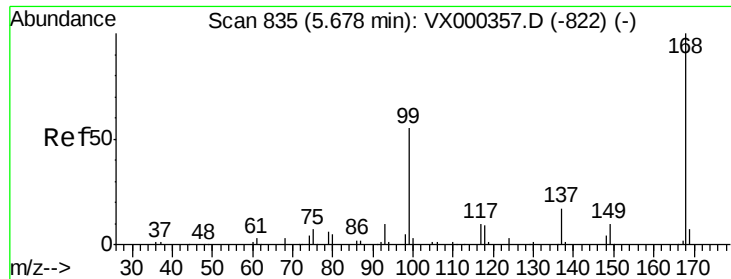
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000367.D

Acq: 20 Mar 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

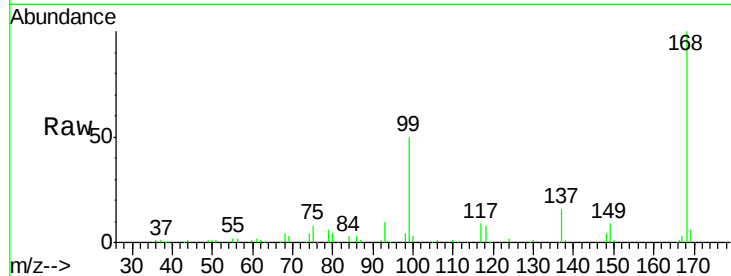
SU-03-031918

Tot Ion:168 Resp: 101573

Ion Ratio Lower Upper

168 100

99 50.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

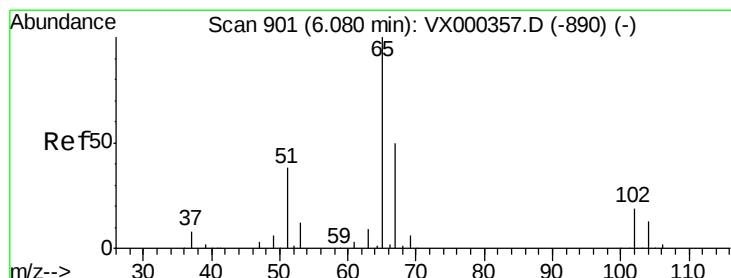
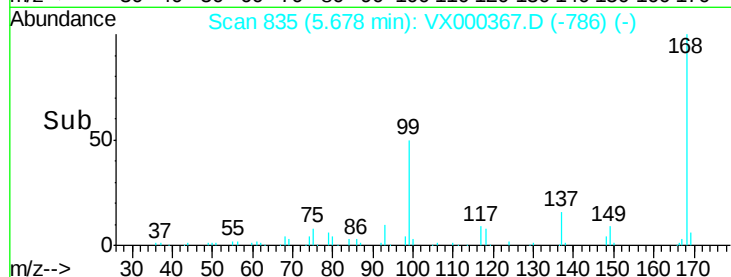
20000

10000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.98 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000367.D

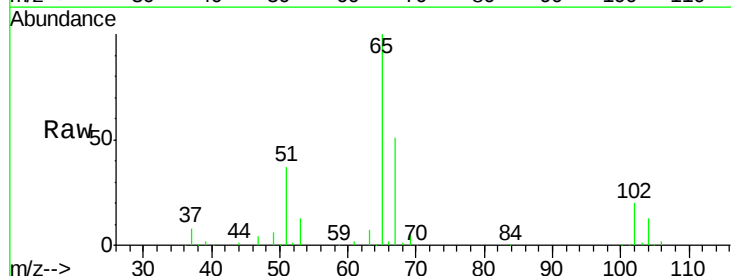
Acq: 20 Mar 2018 18:28

Tgt Ion: 65 Resp: 68924

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

30000

25000

20000

15000

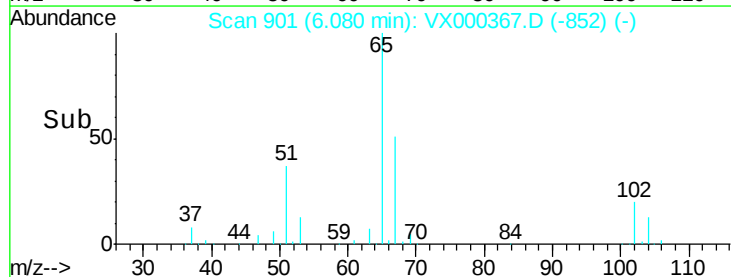
10000

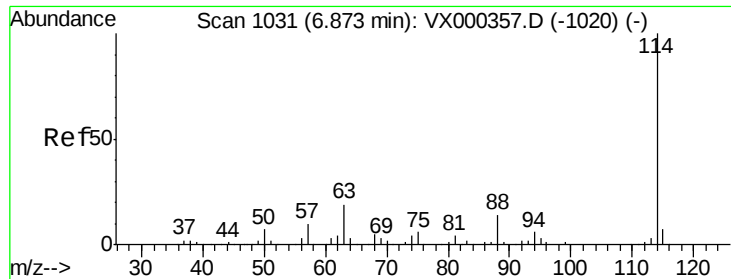
5000

0

6.00 6.10 6.20

Time-->

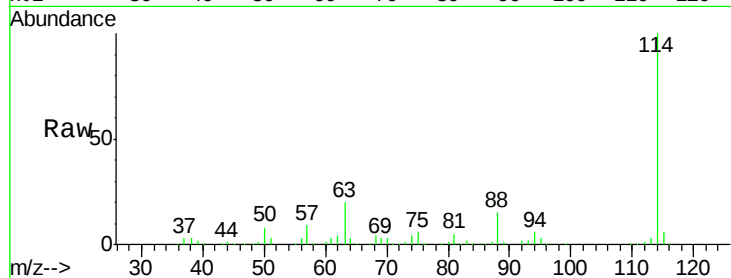




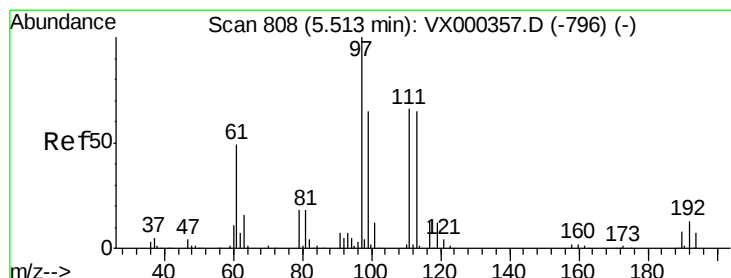
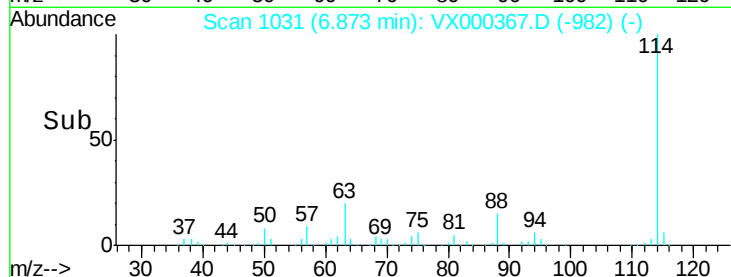
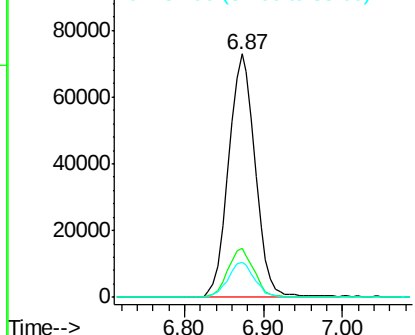
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000367.D
 Acq: 20 Mar 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-031918

Tot Ion:114 Resp: 172002
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.4
 88 14.5 0.0 27.0

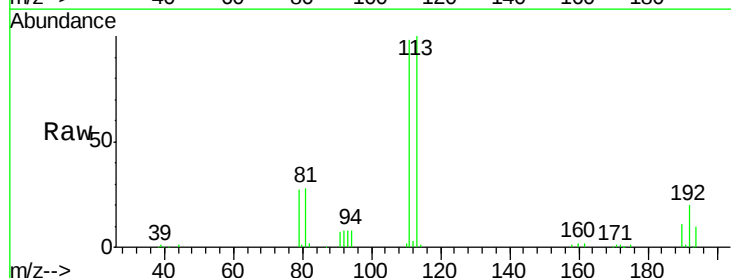


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

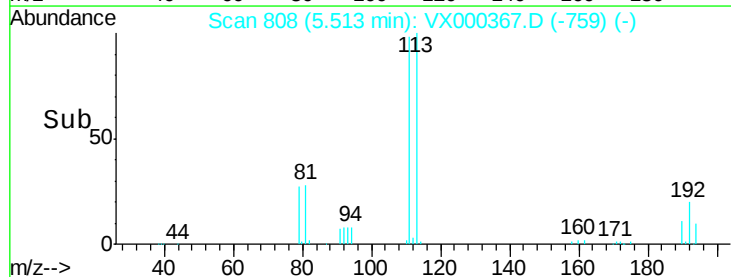
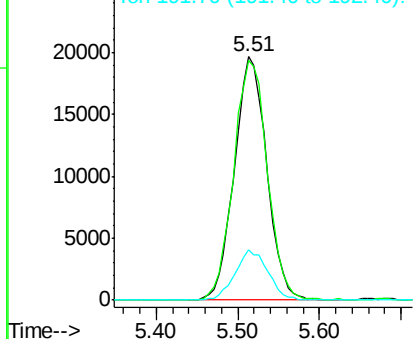


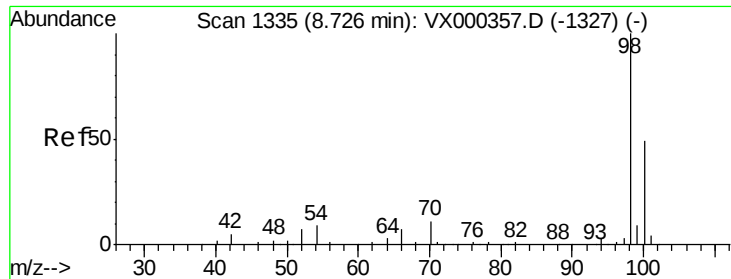
#35
 Dibromofluoromethane
 Concen: 49.86 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000367.D
 Acq: 20 Mar 2018 18:28

Tgt Ion:113 Resp: 54039
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.4 123.6
 192 20.8 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

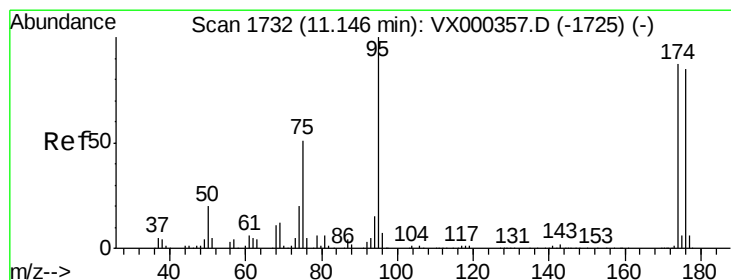
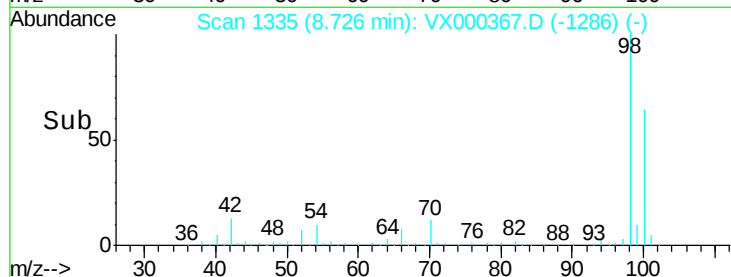
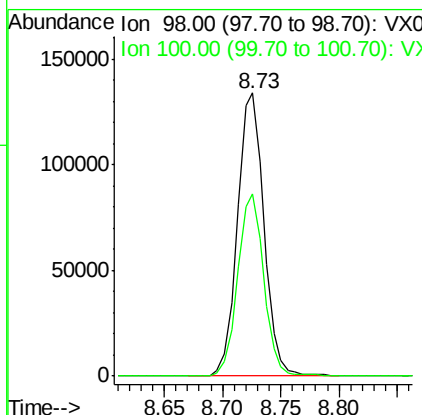
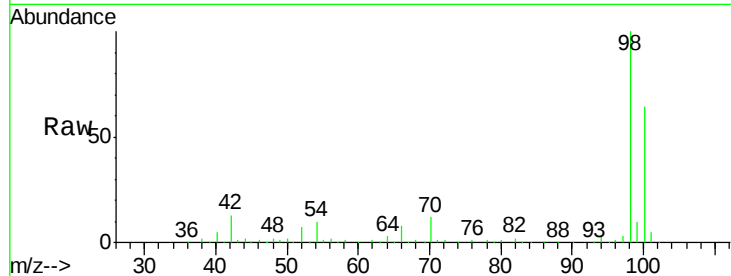




#50
Toluene-d8
Concen: 47.34 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000367.D
Acq: 20 Mar 2018 18:28

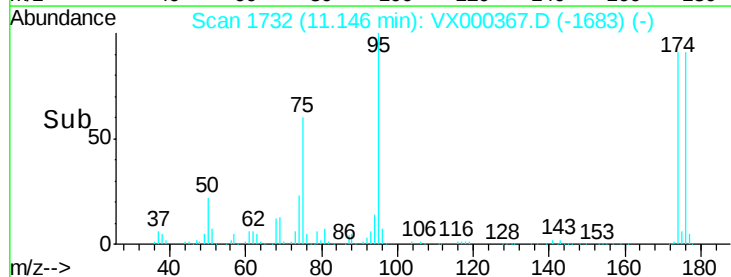
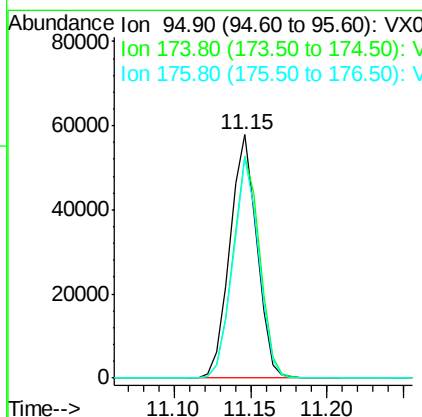
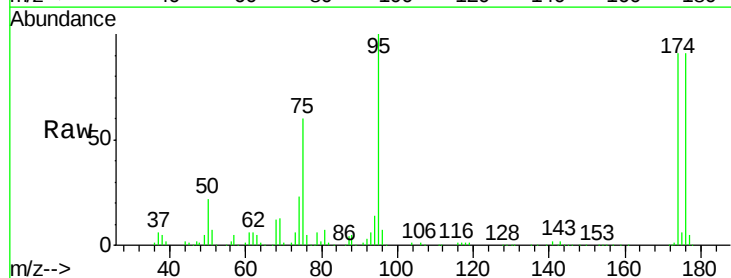
Instrument :
MSVOA_X
ClientSampleId :
SU-03-031918

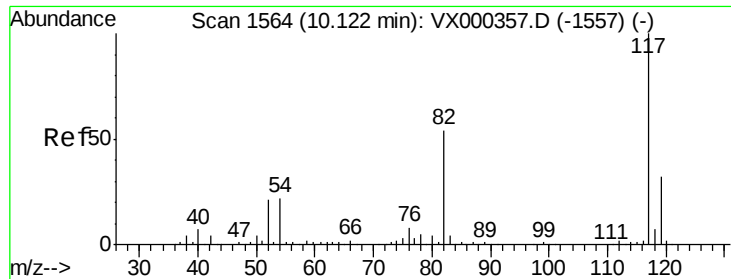
Tot Ion: 98 Resp: 212479
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 38.88 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000367.D
Acq: 20 Mar 2018 18:28

Tgt Ion: 95 Resp: 70770
Ion Ratio Lower Upper
95 100
174 90.7 0.0 173.6
176 86.7 0.0 164.6

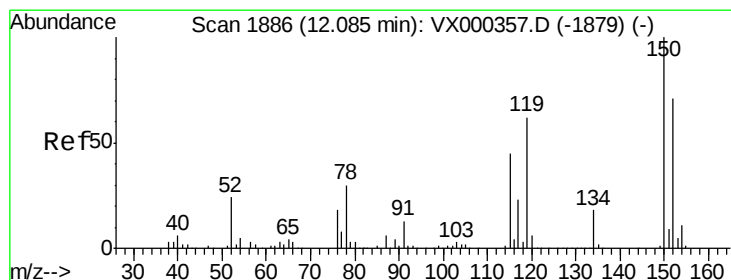
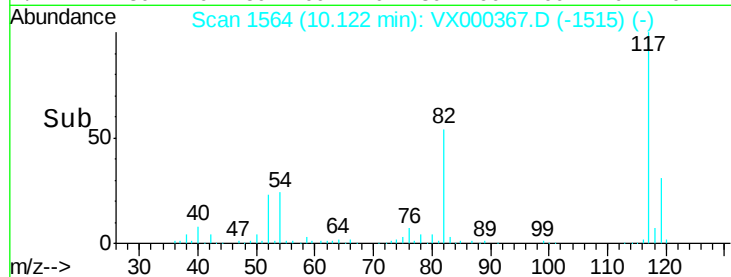
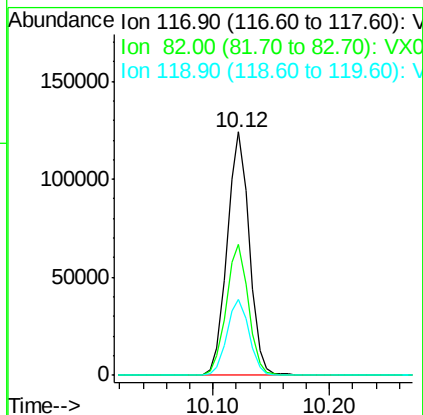
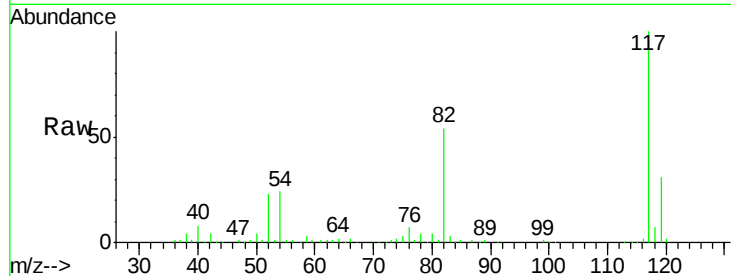




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000367.D
Acq: 20 Mar 2018 18:28

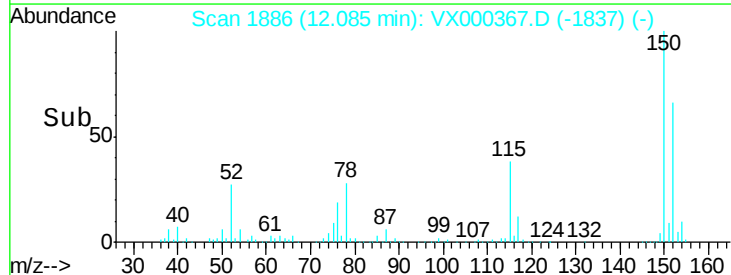
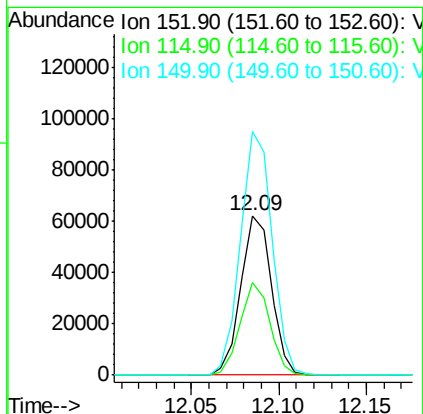
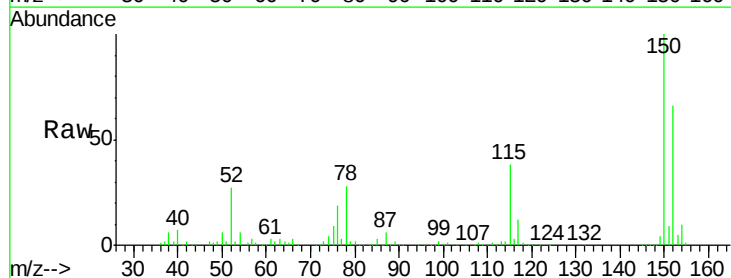
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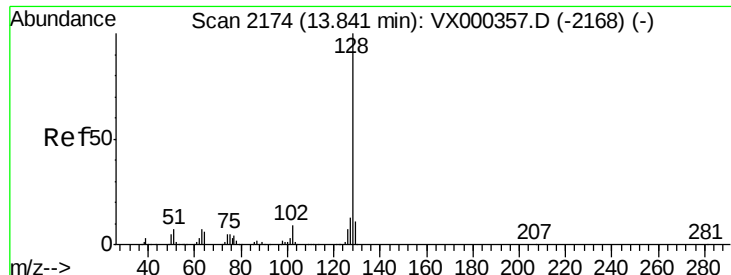
Tot Ion:117 Resp: 163476
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.8
119 31.4 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000367.D
Acq: 20 Mar 2018 18:28

Tgt Ion:152 Resp: 76294
Ion Ratio Lower Upper
152 100
115 56.1 39.8 119.3
150 157.4 0.0 344.4





#95
Naphthalene
Concen: 5.06 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000367.D
Acq: 20 Mar 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-03-031918

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	11.3	8.9	13.3

