

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000782.D
 Acq On : 11 Apr 2018 16:47
 Operator : JC/MD
 Sample : PB108114TB 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108114TB

Quant Time: Apr 12 07:40:55 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	315639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	438678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244837	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	159575	40.10	ug/l	0.00
Spiked Amount			Recovery	=	80.20%	
35) Dibromofluoromethane	5.51	113	135112	39.98	ug/l	0.00
Spiked Amount			Recovery	=	79.96%	
50) Toluene-d8	8.73	98	506820	40.27	ug/l	0.00
Spiked Amount			Recovery	=	80.54%	
62) 4-Bromofluorobenzene	11.15	95	205441	39.46	ug/l	0.00
Spiked Amount			Recovery	=	78.92%	

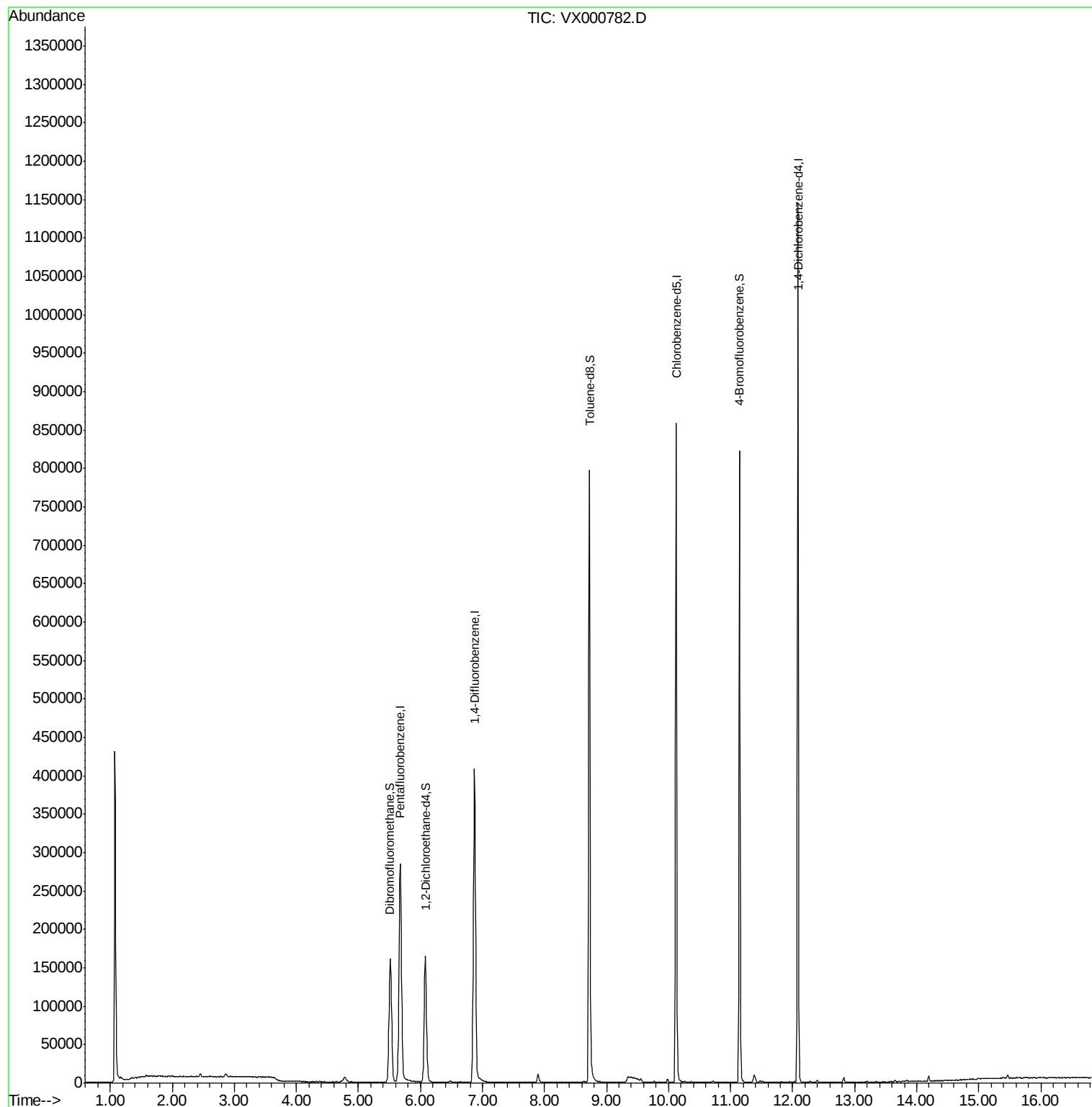
Target Compounds	Qvalue
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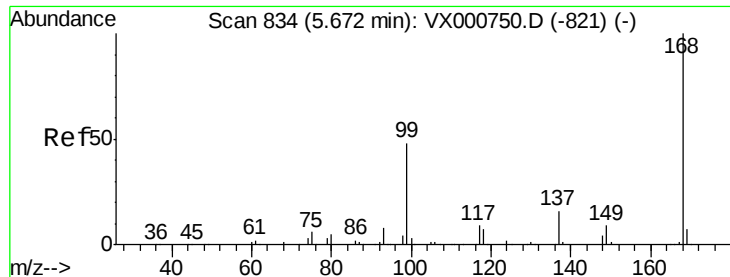
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000782.D

Acq: 11 Apr 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

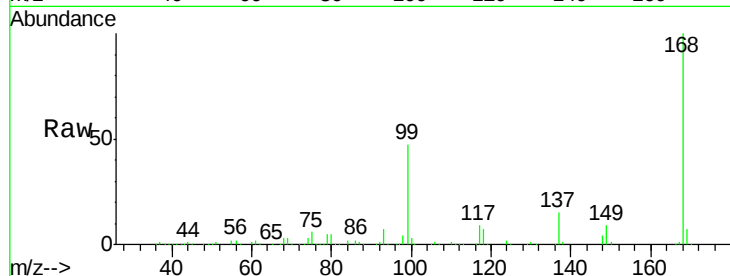
PB108114TB

Tot Ion:168 Resp: 315639

Ion Ratio Lower Upper

168 100

99 46.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

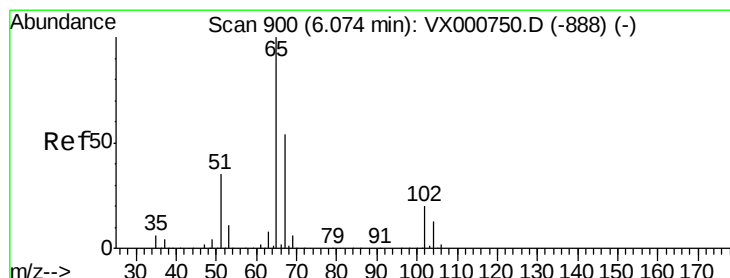
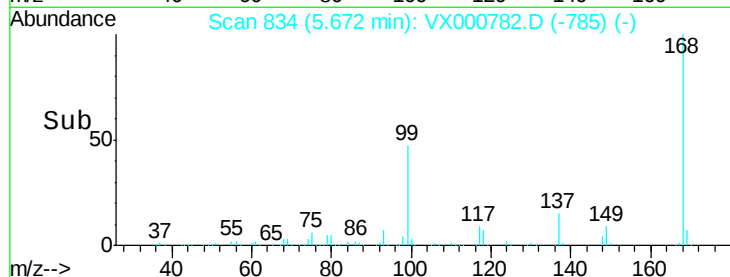
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.10 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000782.D

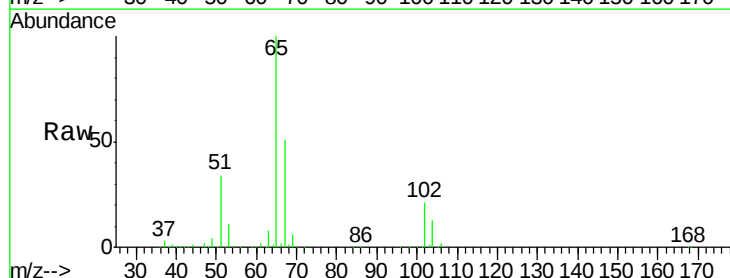
Acq: 11 Apr 2018 16:47

Tgt Ion: 65 Resp: 159575

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

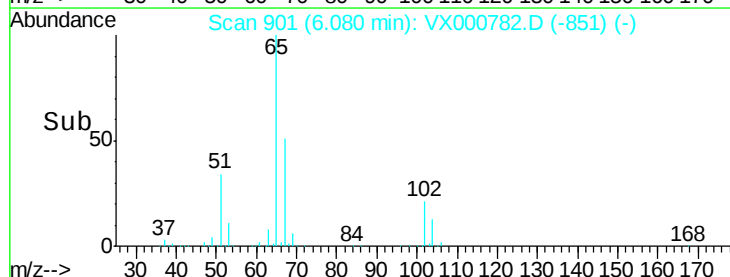
60000

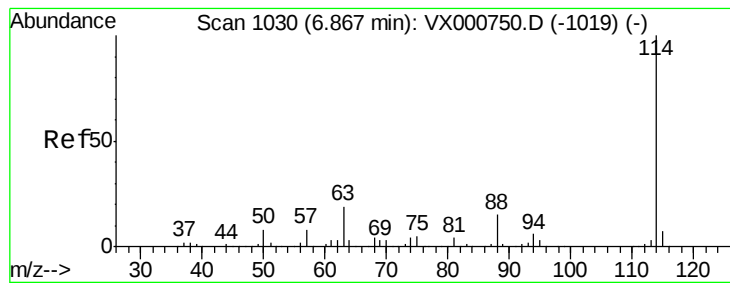
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000782.D

Acq: 11 Apr 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

PB108114TB

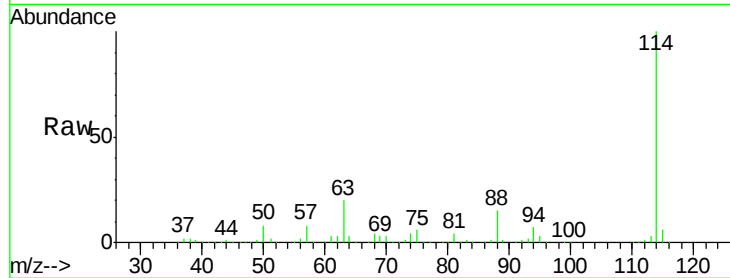
Tot Ion:114 Resp: 438678

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

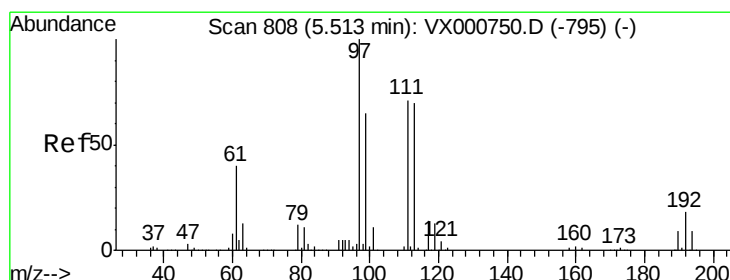
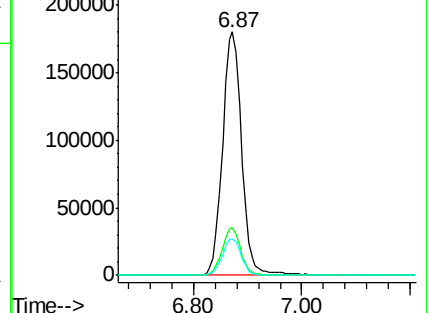
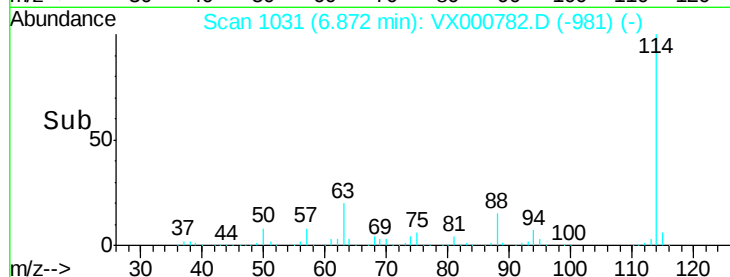
88 15.1 0.0 31.0



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: 39.98 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000782.D

Acq: 11 Apr 2018 16:47

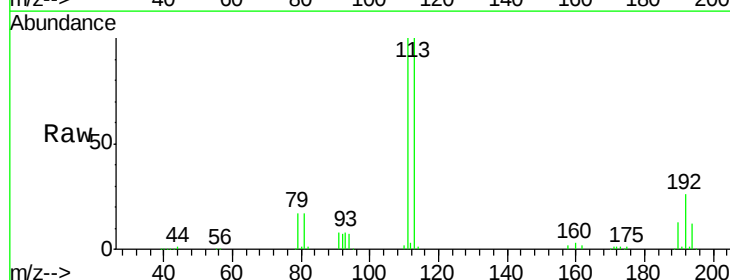
Tgt Ion:113 Resp: 135112

Ion Ratio Lower Upper

113 100

111 101.5 81.5 122.3

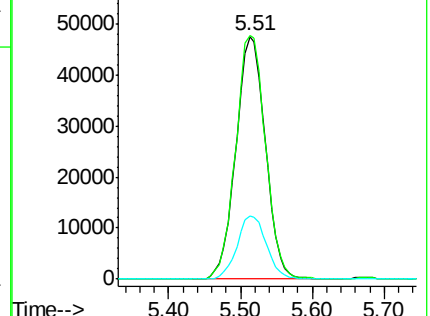
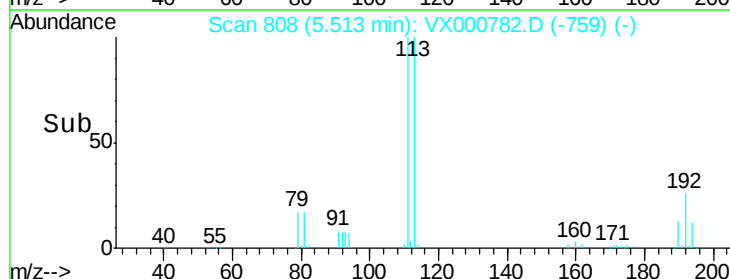
192 26.0 20.4 30.6

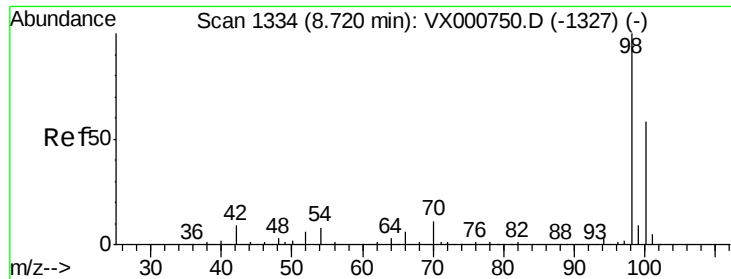


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

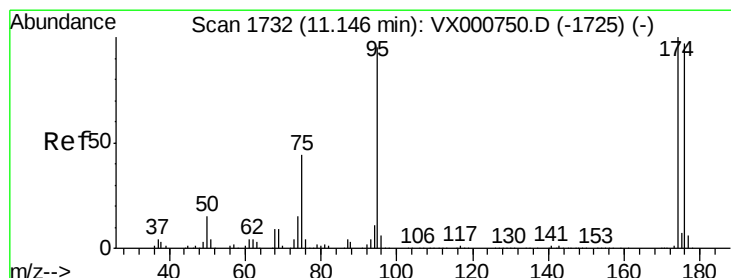
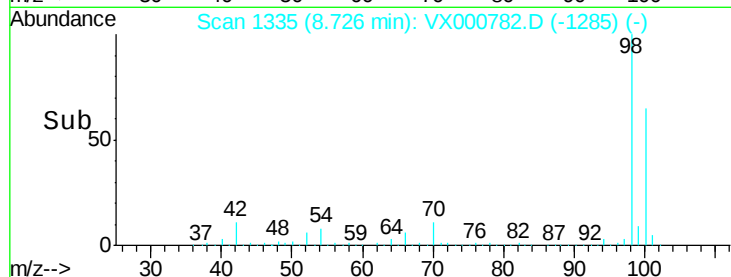
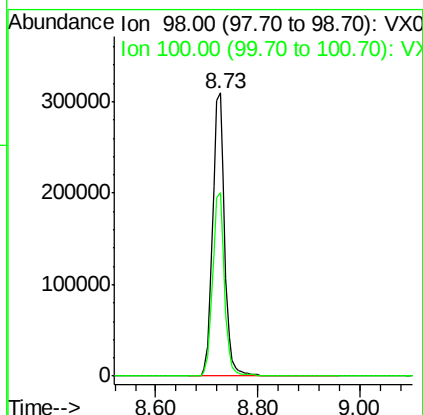
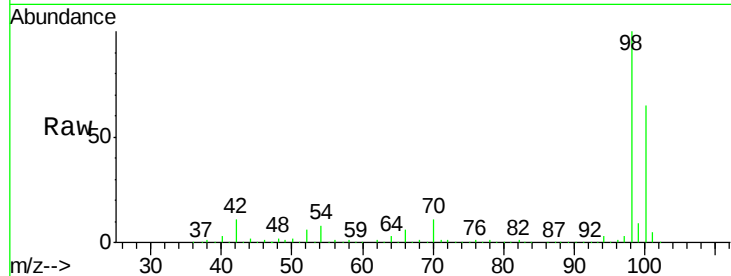




#50
Toluene-d8
Concen: 40.27 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000782.D
Acq: 11 Apr 2018 16:47

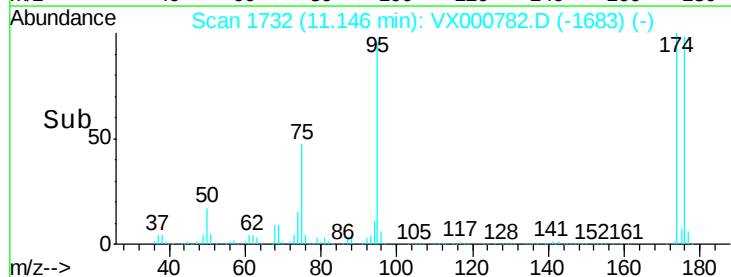
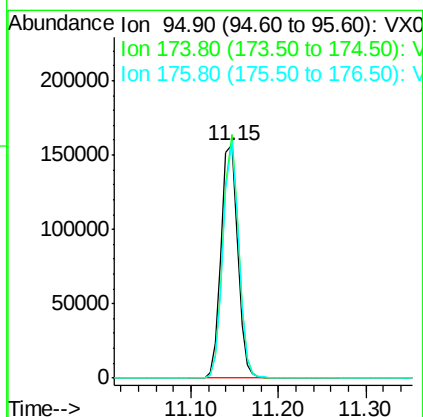
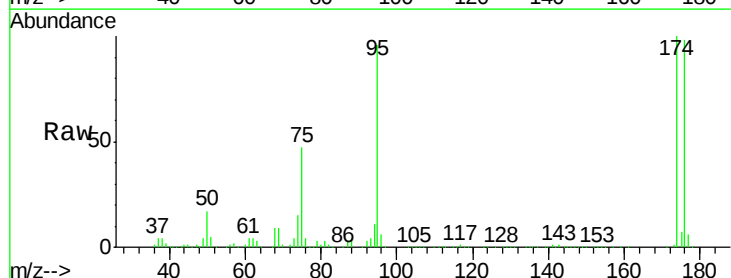
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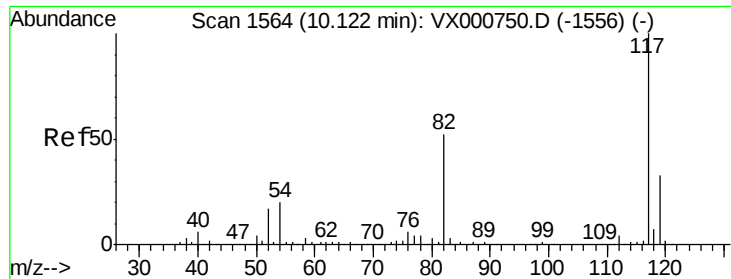
Tot Ion: 98 Resp: 506820
Ion Ratio Lower Upper
98 100
100 64.2 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 39.46 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000782.D
Acq: 11 Apr 2018 16:47

Tgt Ion: 95 Resp: 205441
Ion Ratio Lower Upper
95 100
174 98.1 0.0 198.4
176 96.0 0.0 194.4

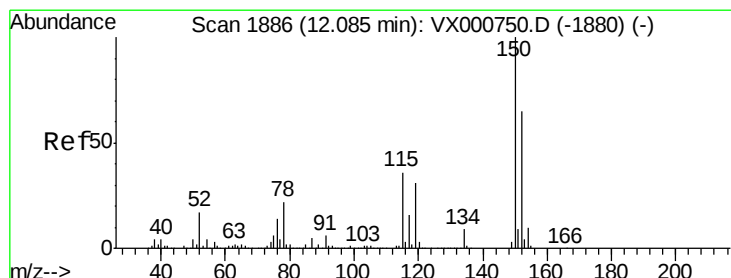
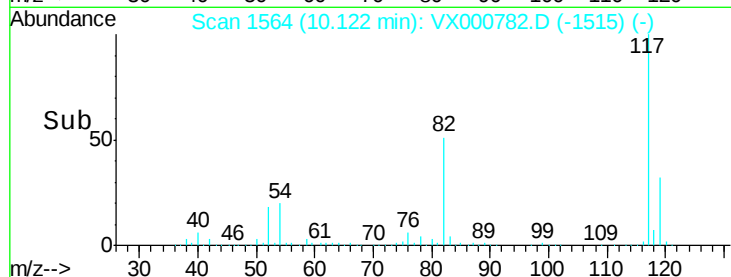
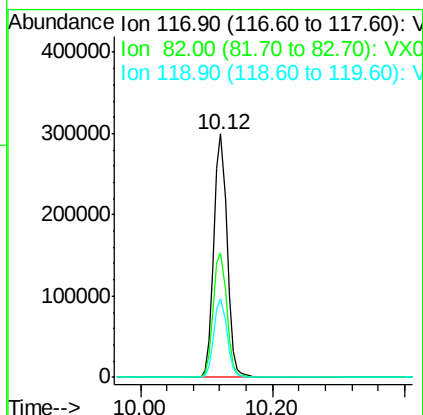
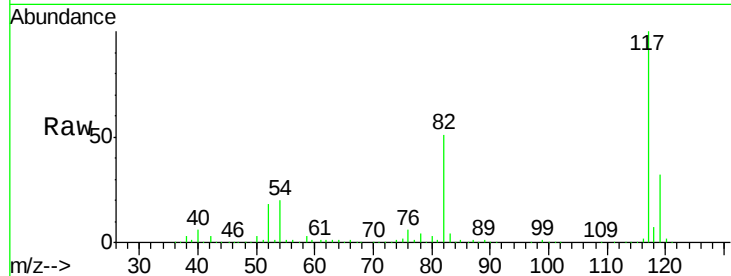




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000782.D
Acq: 11 Apr 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB108114TB

Tot Ion:117 Resp: 411799
Ion Ratio Lower Upper
117 100
82 51.1 41.9 62.9
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000782.D
Acq: 11 Apr 2018 16:47

Tgt Ion:152 Resp: 244837
Ion Ratio Lower Upper
152 100
115 53.6 37.9 113.7
150 156.3 0.0 348.0

