

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002309.D
 Acq On : 05 Jun 2018 16:51
 Operator : JC/MD
 Sample : J3268-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB07-180529

Quant Time: Jun 06 05:36:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162484	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151347	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.51	113	109750	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
50) Toluene-d8	8.72	98	450504	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.14	95	157952	43.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.44%	

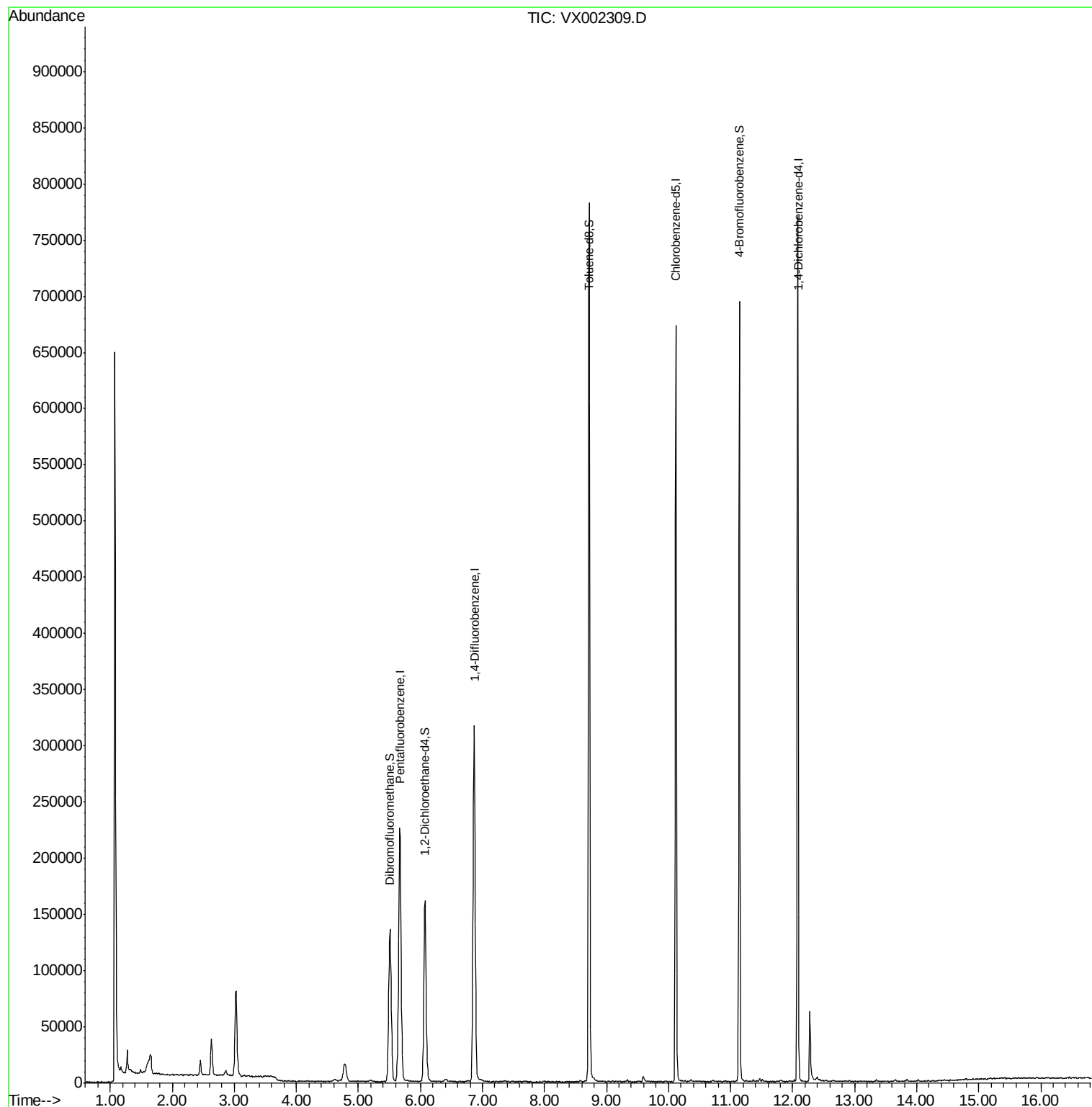
Target Compounds	Qvalue
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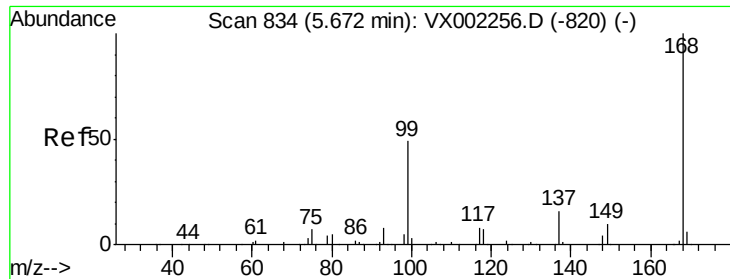
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002309.D

Acq: 05 Jun 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

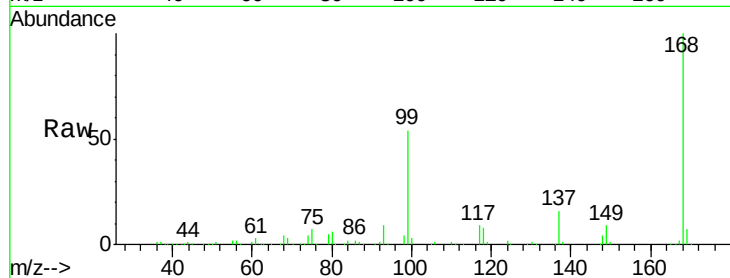
Z4TB07-180529

Tot Ion:168 Resp: 219077

Ion Ratio Lower Upper

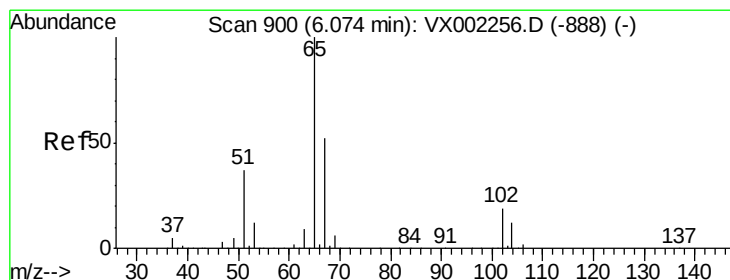
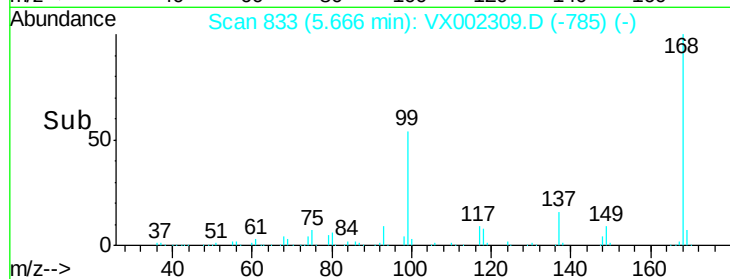
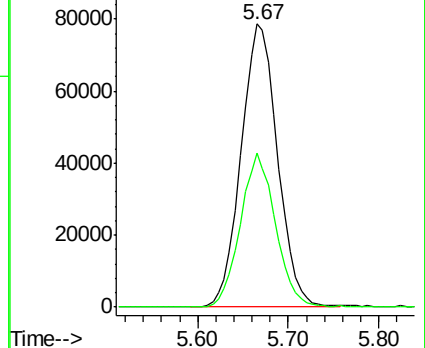
168 100

99 54.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.185 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002309.D

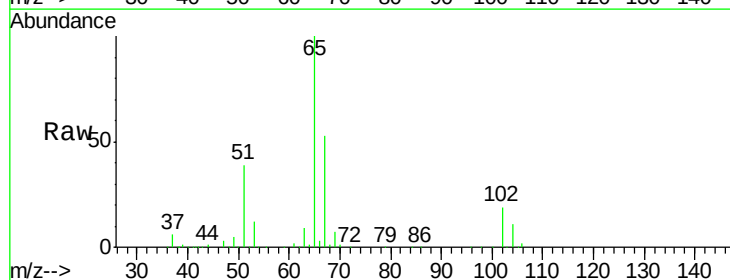
Acq: 05 Jun 2018 16:51

Tgt Ion: 65 Resp: 151347

Ion Ratio Lower Upper

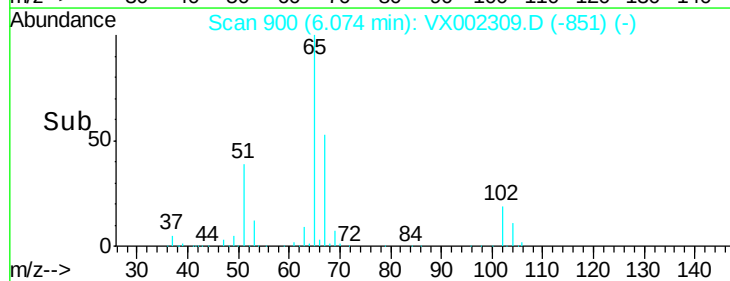
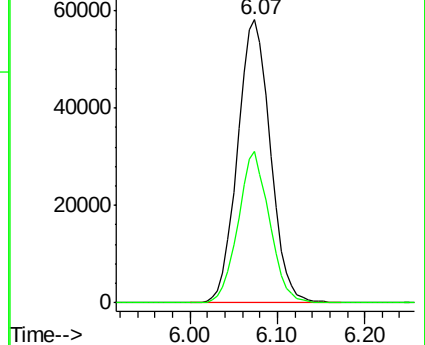
65 100

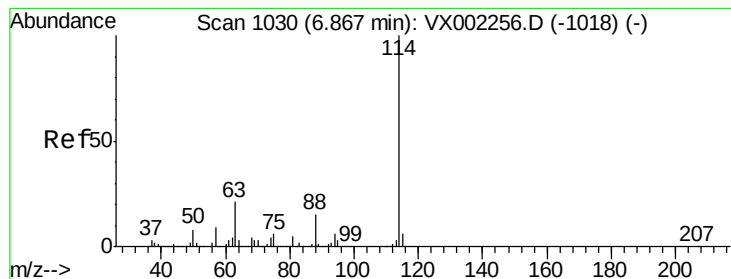
67 51.4 0.0 102.6



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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002309.D

Acq: 05 Jun 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

Z4TB07-180529

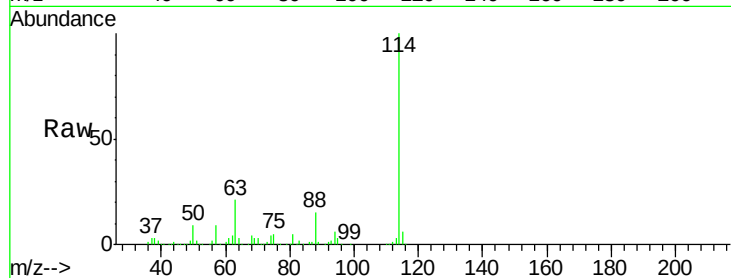
Tot Ion:114 Resp: 314416

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

88 15.4 0.0 30.0



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

150000

100000

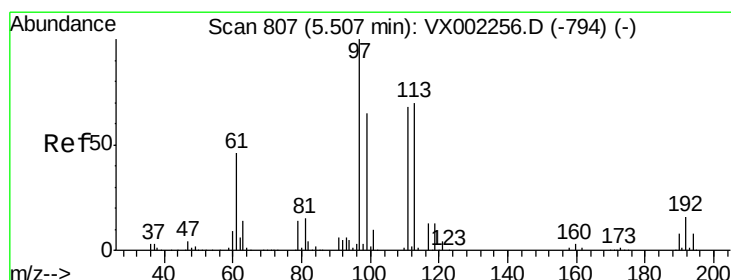
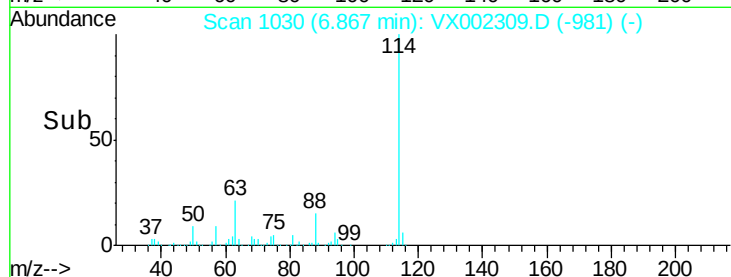
50000

0

6.87

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 44.387 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002309.D

Acq: 05 Jun 2018 16:51

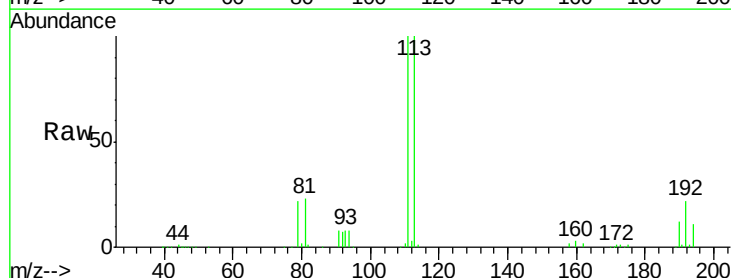
Tgt Ion:113 Resp: 109750

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 23.0 19.1 28.7



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

50000

40000

30000

20000

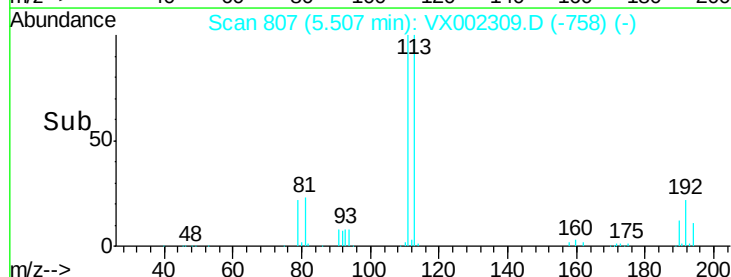
10000

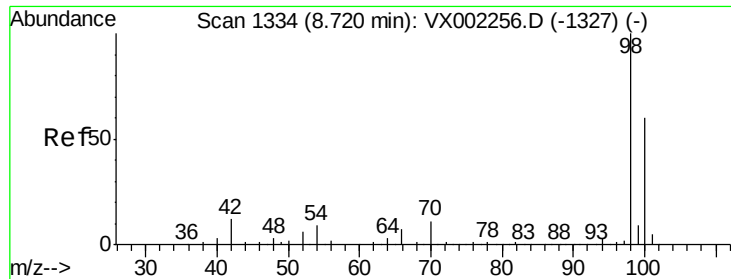
0

5.51

5.40 5.50 5.60

Time-->

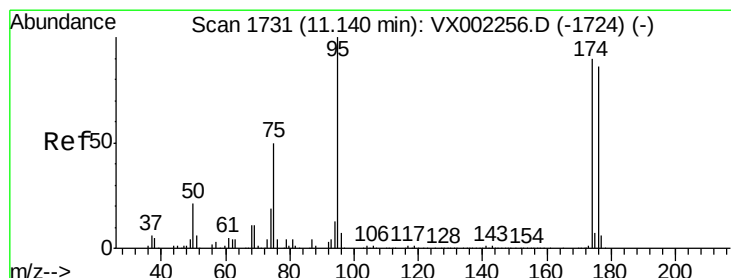
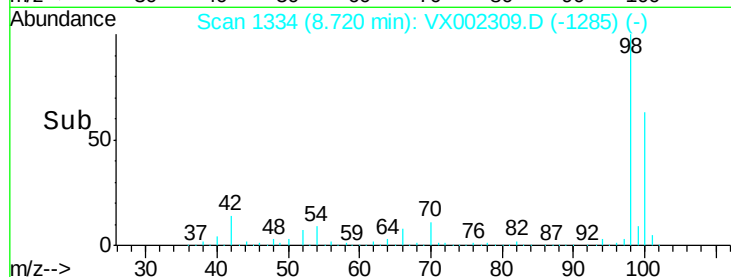
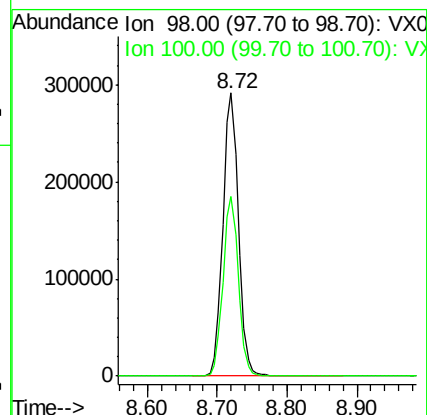
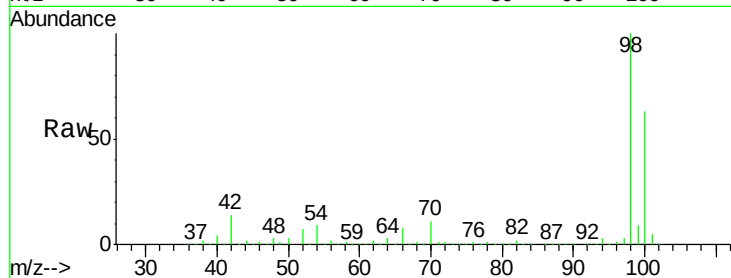




#50
Toluene-d8
Concen: 47.535 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002309.D
Acq: 05 Jun 2018 16:51

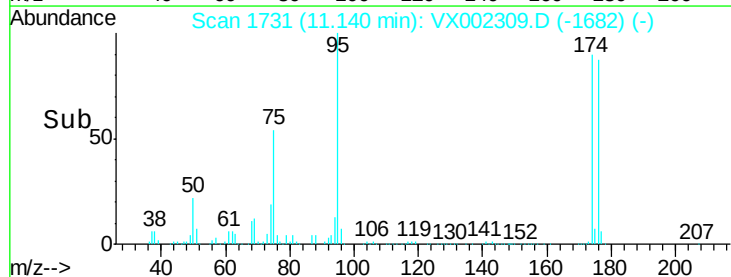
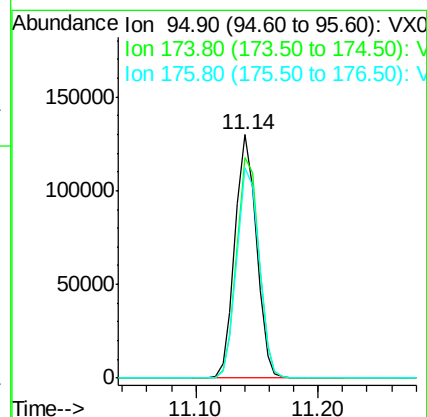
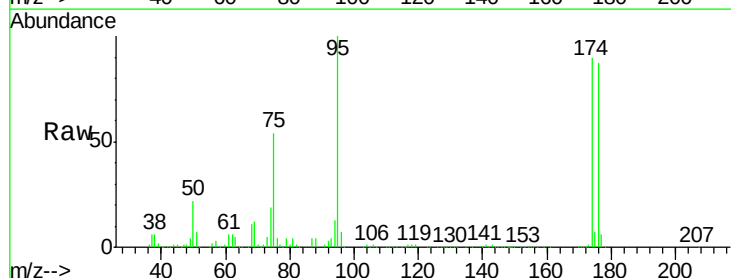
Instrument :
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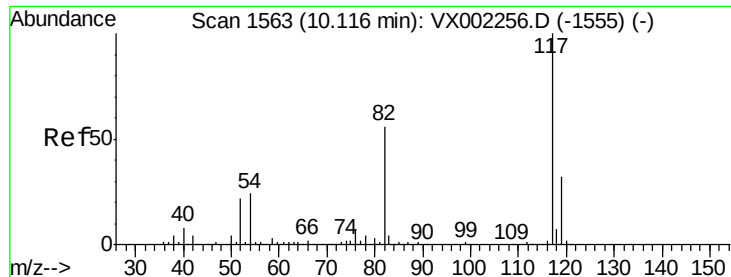
Tot Ion: 98 Resp: 450504
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.220 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002309.D
Acq: 05 Jun 2018 16:51

Tgt Ion: 95 Resp: 157952
Ion Ratio Lower Upper
95 100
174 93.8 0.0 187.4
176 90.0 0.0 181.0

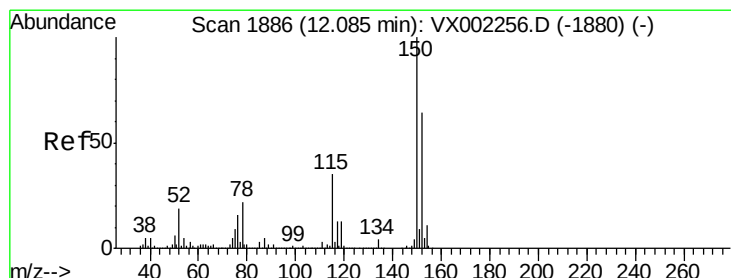
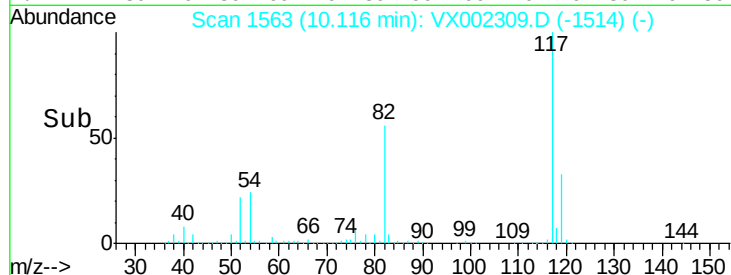
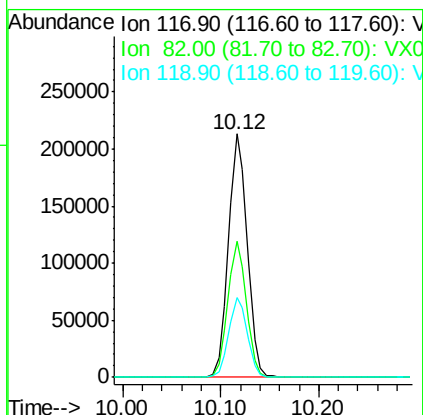
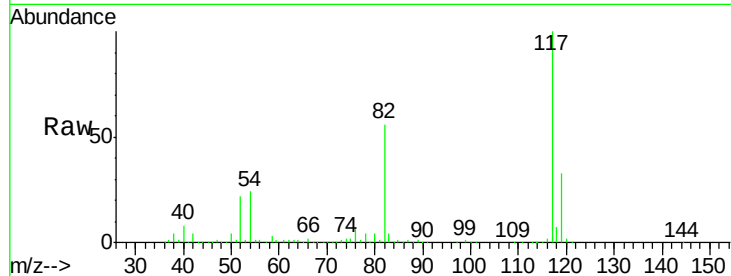




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002309.D
Acq: 05 Jun 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
Z4TB07-180529

Tot Ion:117 Resp: 284765
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002309.D
Acq: 05 Jun 2018 16:51

Tgt Ion:152 Resp: 162484
Ion Ratio Lower Upper
152 100
115 54.8 40.1 120.2
150 156.7 0.0 347.2

