

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
 Data File : VF061052.D
 Acq On : 17 Dec 2018 20:48
 Operator : VA/AP
 Sample : J6391-15
 Misc : 5.32g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS017-1824-01

Quant Time: Dec 18 04:05:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	198356	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.61	114	338069	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.80	117	231541	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	87222	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	117908	50.46	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	4.13	113	135907	50.67	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	7.58	98	318974	40.37	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	80.74%	
62) 4-Bromofluorobenzene	11.42	95	115545	32.18	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	64.36%	

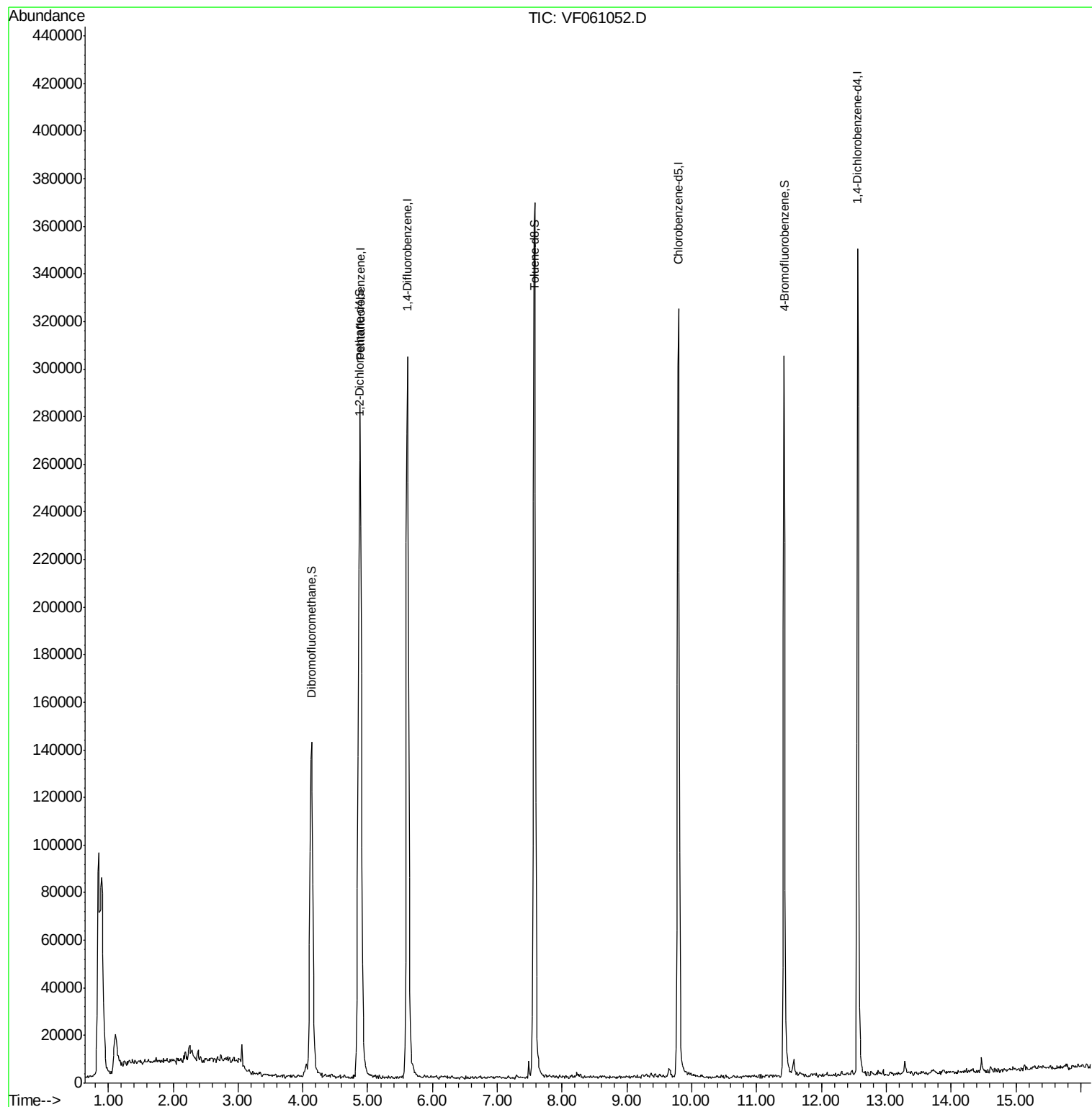
Target Compounds	Qvalue

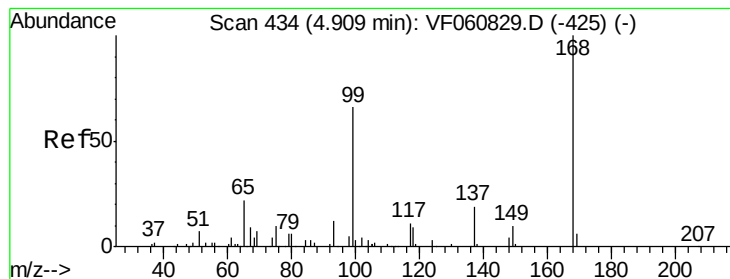
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

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Acq: 17 Dec 2018 20:48

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MSVOA_F

ClientSampleId :

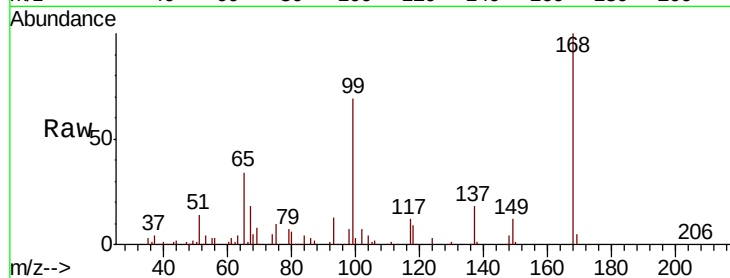
P001-SS017-1824-01

Tot Ion:168 Resp: 198356

Ion Ratio Lower Upper

168 100

99 68.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

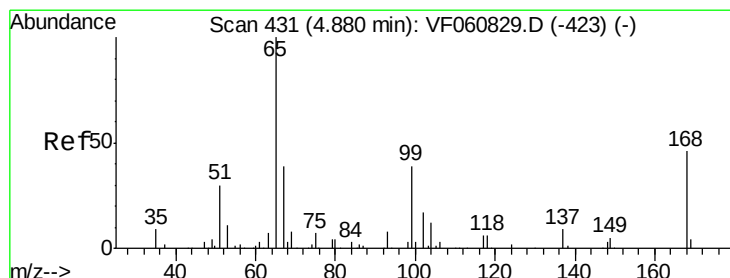
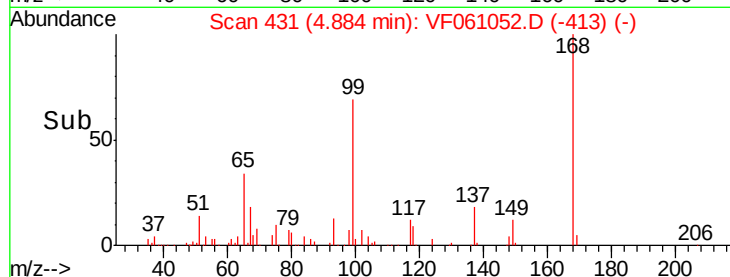
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 50.459 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061052.D

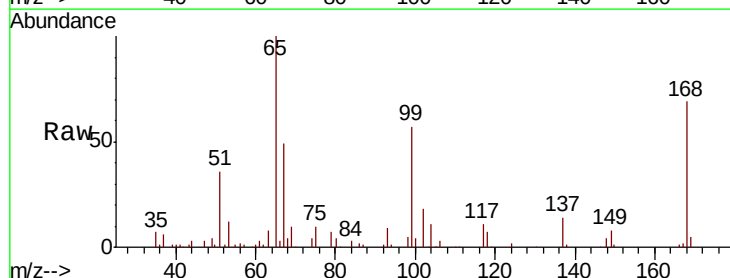
Acq: 17 Dec 2018 20:48

Tgt Ion: 65 Resp: 117908

Ion Ratio Lower Upper

65 100

67 49.0 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

40000

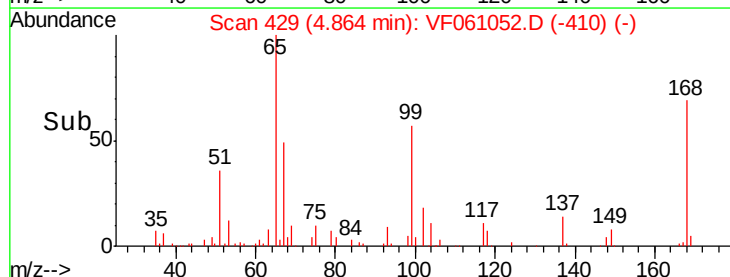
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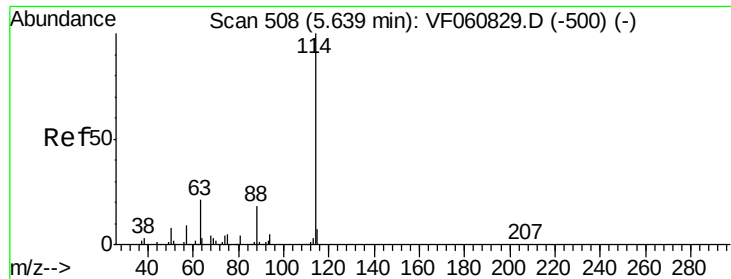
20000

10000

0

Time--> 4.70 4.80 4.90 5.00

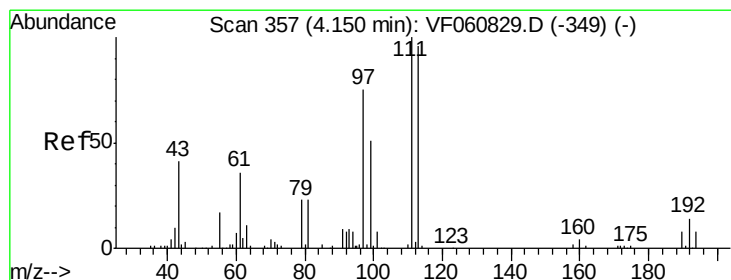
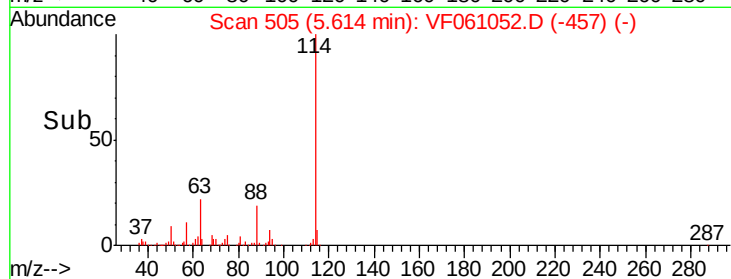
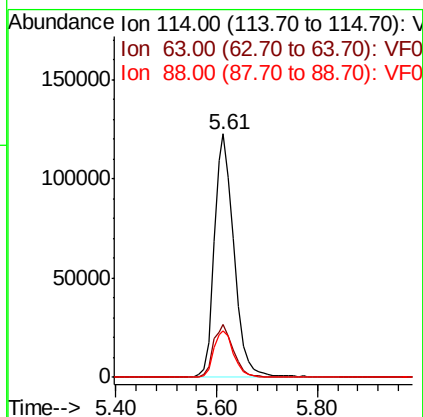
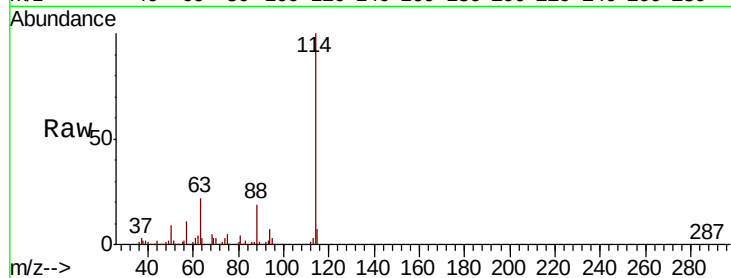




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.03 min
 Lab File: VF061052.D
 Acq: 17 Dec 2018 20:48

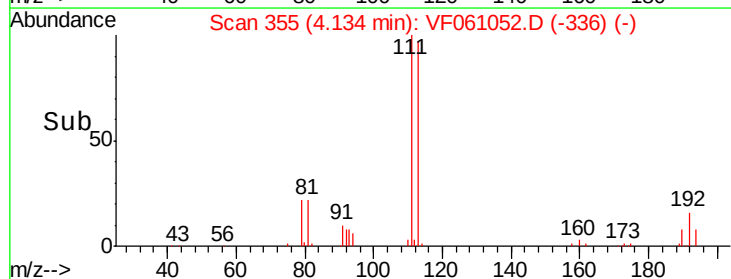
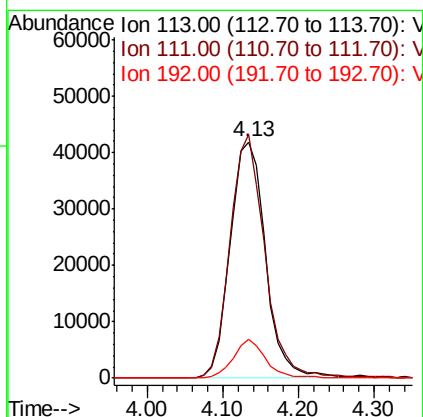
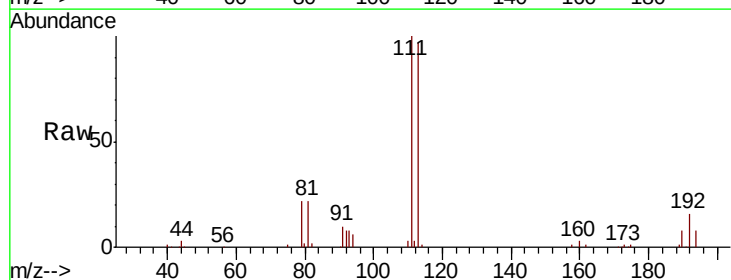
Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS017-1824-01

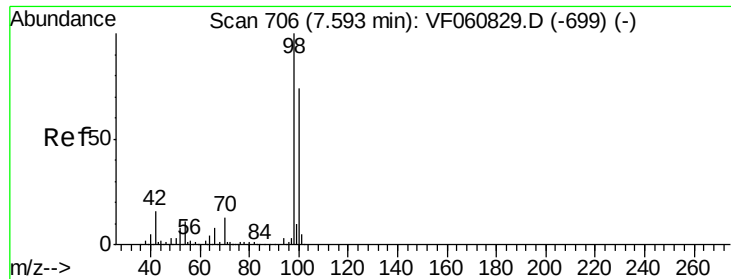
Tot Ion:114 Resp: 338069
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.6
 88 18.9 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 50.674 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. -0.02 min
 Lab File: VF061052.D
 Acq: 17 Dec 2018 20:48

Tgt Ion:113 Resp: 135907
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.6
 192 16.7 12.3 18.5

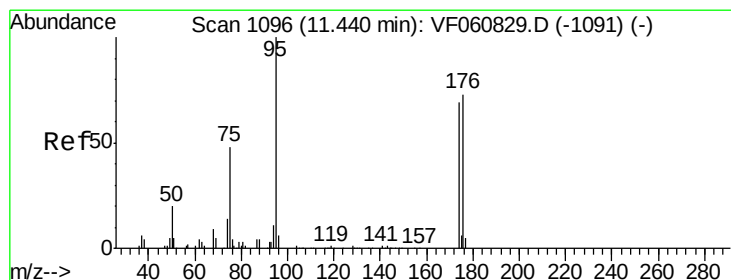
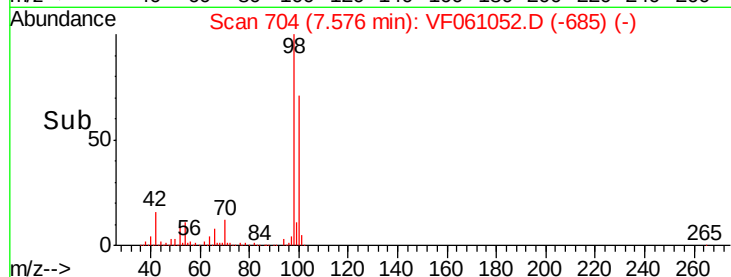
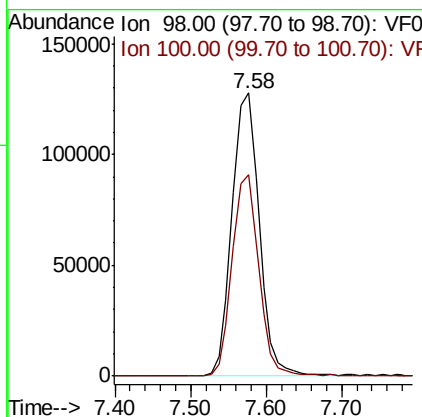
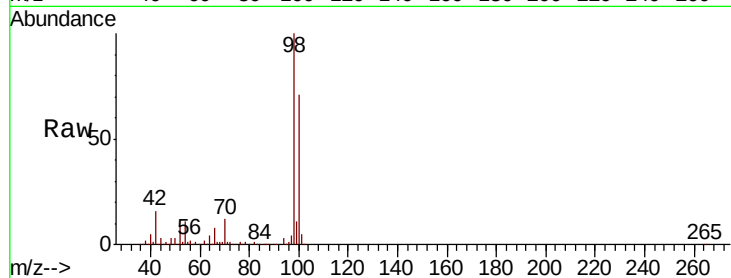




#50
Toluene-d8
Concen: 40.375 ug/l
RT: 7.58 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF061052.D
Acq: 17 Dec 2018 20:48

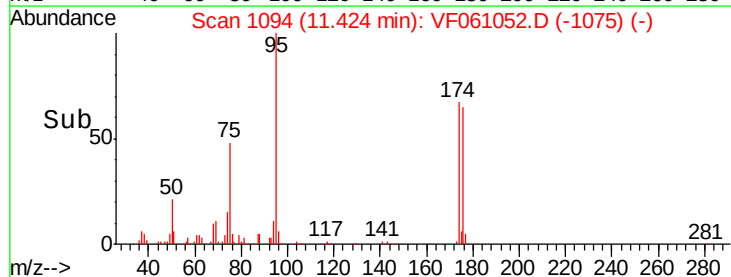
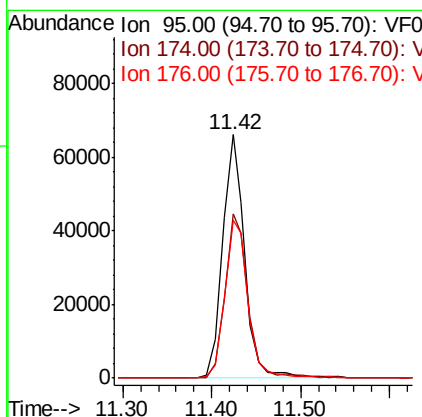
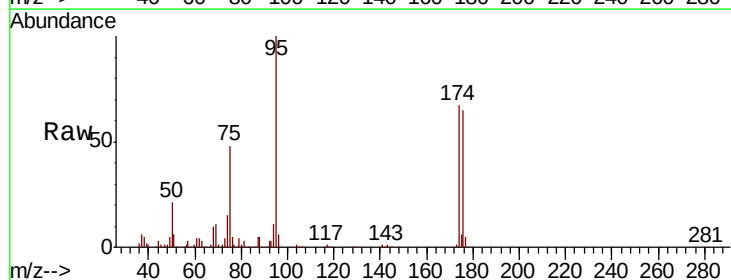
Instrument :
MSVOA_F
ClientSampleId :
P001-SS017-1824-01

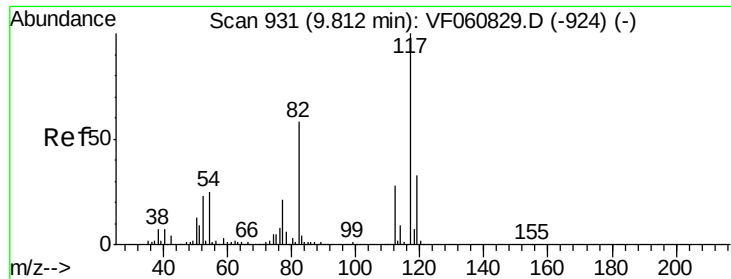
Tot Ion: 98 Resp: 318974
Ion Ratio Lower Upper
98 100
100 71.1 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 32.180 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF061052.D
Acq: 17 Dec 2018 20:48

Tgt Ion: 95 Resp: 115545
Ion Ratio Lower Upper
95 100
174 67.3 0.0 138.2
176 64.8 0.0 146.2

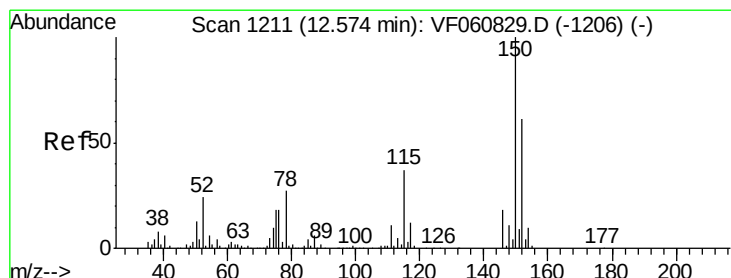
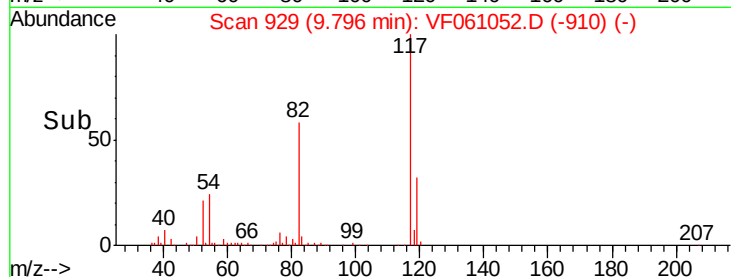
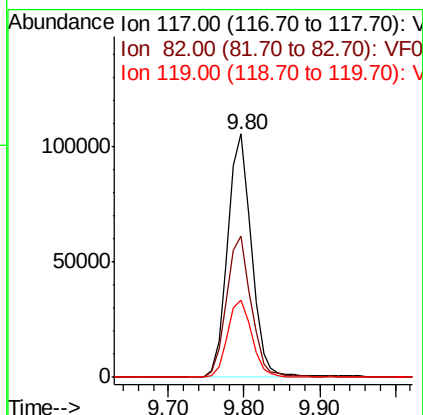
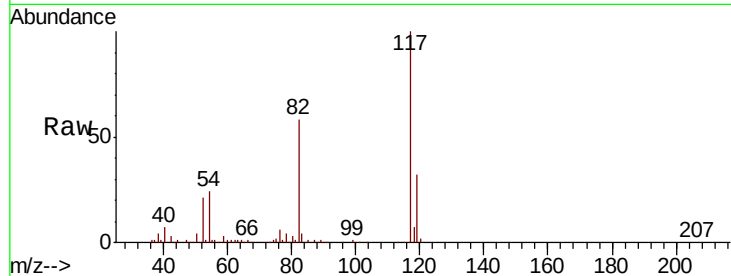




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061052.D
Acq: 17 Dec 2018 20:48

Instrument :
MSVOA_F
ClientSampleId :
P001-SS017-1824-01

Tot Ion:117 Resp: 231541
Ion Ratio Lower Upper
117 100
82 57.9 46.6 69.8
119 31.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF061052.D
Acq: 17 Dec 2018 20:48

Tgt Ion:152 Resp: 87222
Ion Ratio Lower Upper
152 100
115 65.5 30.1 90.5
150 157.7 0.0 327.6

