

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061191.D
 Acq On : 26 Dec 2018 16:35
 Operator : VA/AP
 Sample : J6447-11
 Misc : 5.52g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS025-1824-01

Quant Time: Dec 27 16:53:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	11998	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	17638	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	10613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	2917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	3159	20.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.94%	
35) Dibromofluoromethane	4.10	113	4398	31.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	62.26%	
50) Toluene-d8	7.54	98	16170	40.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	80.76%	
62) 4-Bromofluorobenzene	11.41	95	3637	19.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.40%	

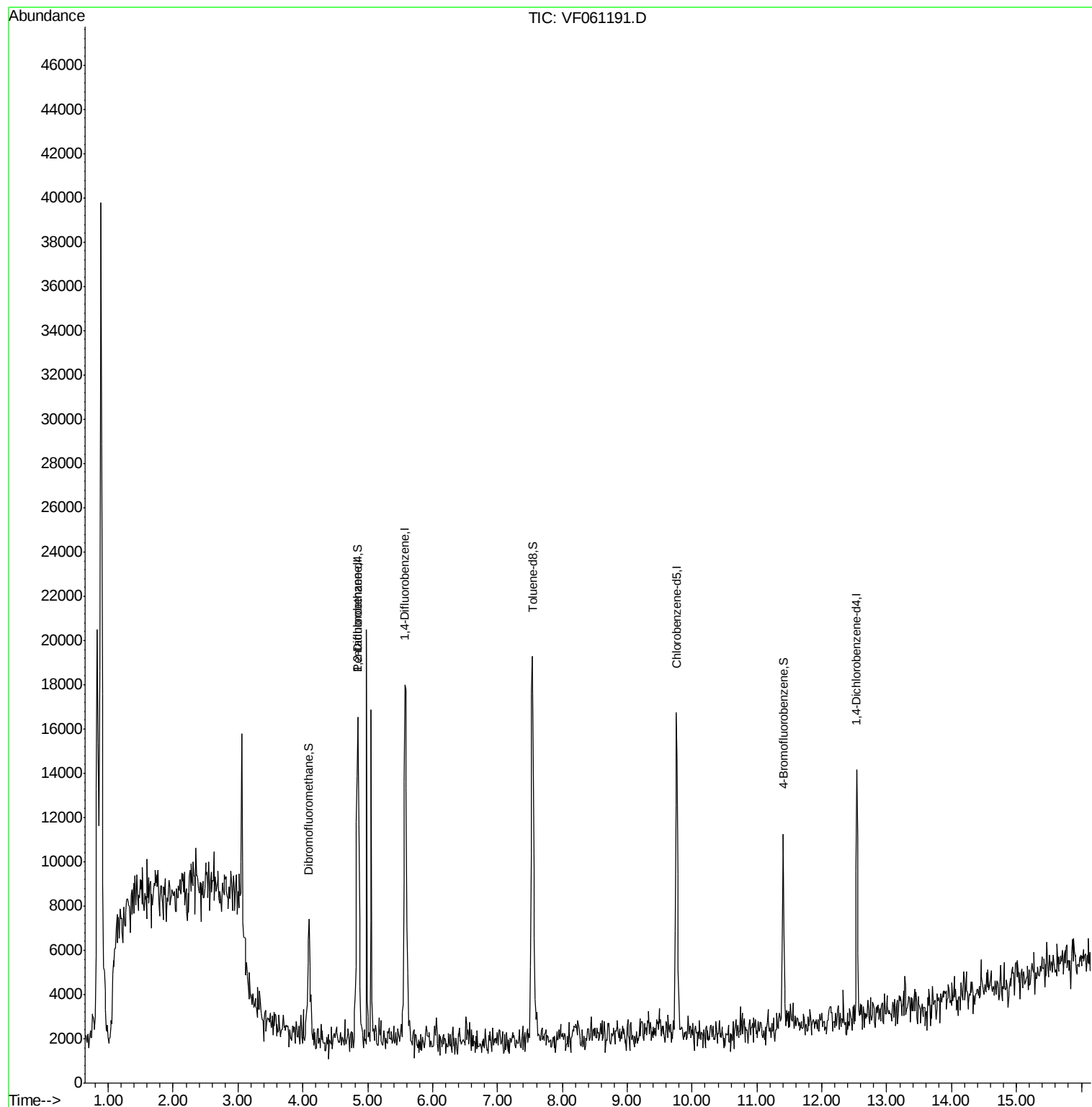
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 427

Delta R.T. -0.03 min

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Acq: 26 Dec 2018 16:35

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MSVOA_F

ClientSampleId :

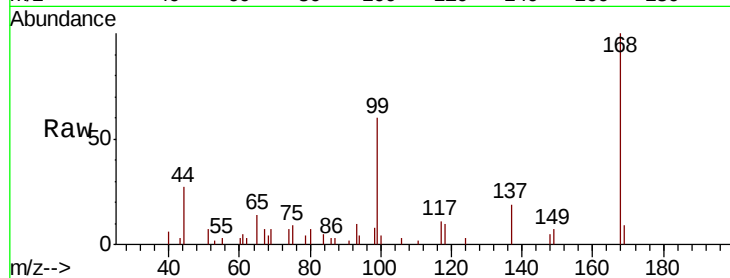
P001-SS025-1824-01

Tot Ion:168 Resp: 11998

Ion Ratio Lower Upper

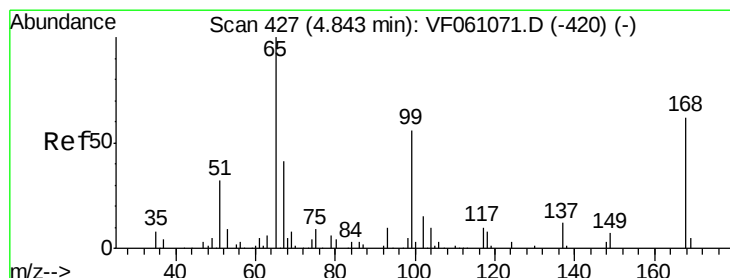
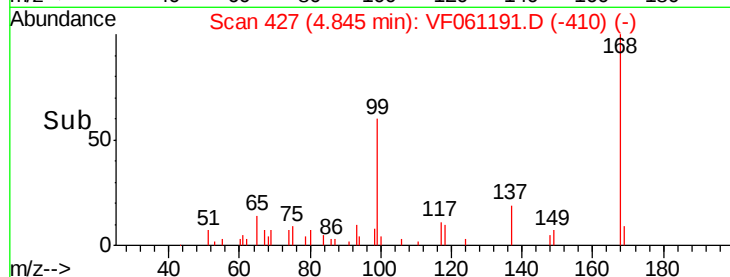
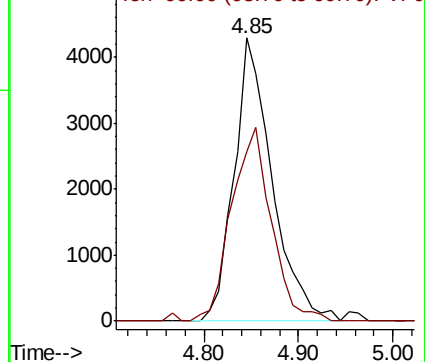
168 100

99 59.7 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 20.471 ug/l

RT: 4.84 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061191.D

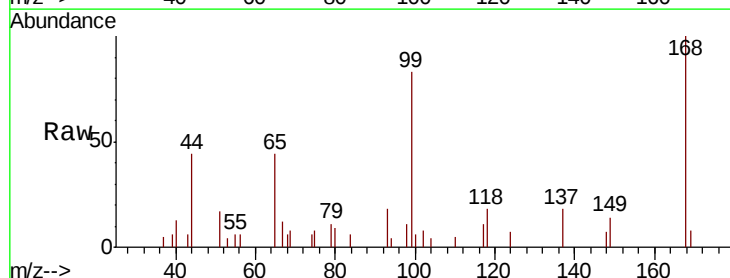
Acq: 26 Dec 2018 16:35

Tgt Ion: 65 Resp: 3159

Ion Ratio Lower Upper

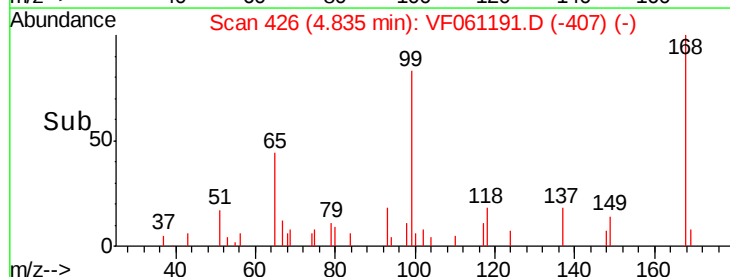
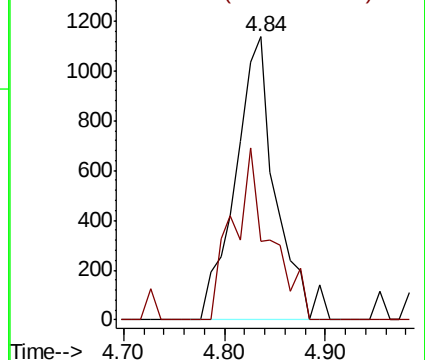
65 100

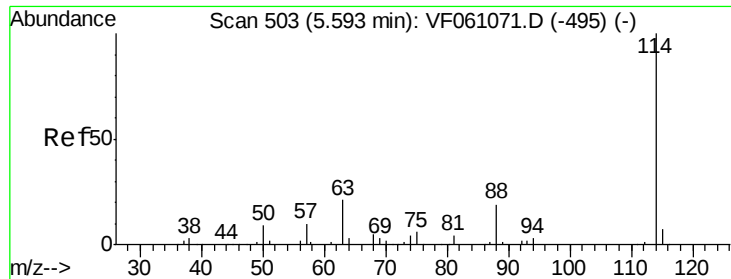
67 27.6 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

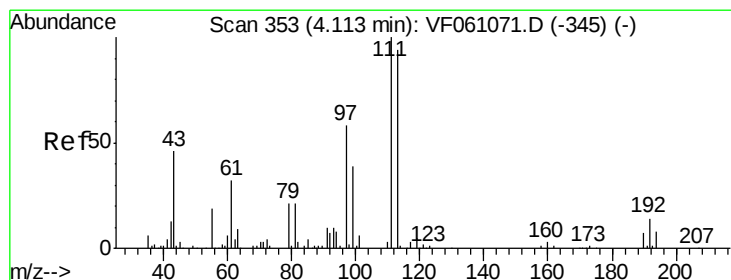
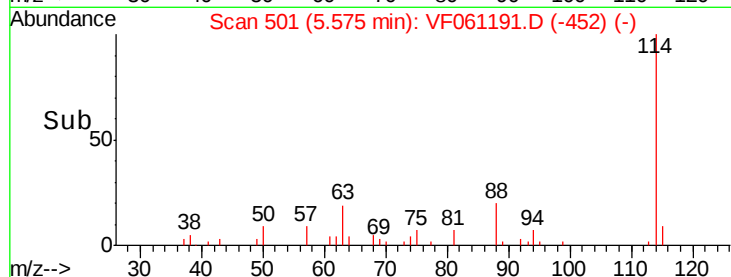
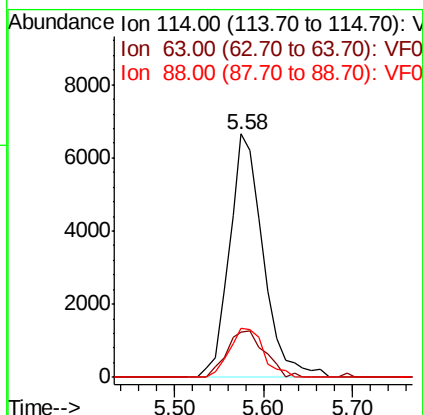
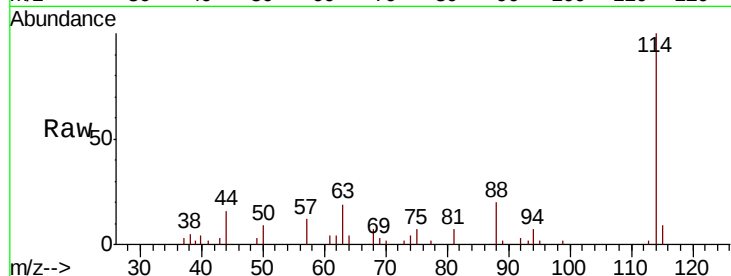




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 501
 Delta R.T. -0.02 min
 Lab File: VF061191.D
 Acq: 26 Dec 2018 16:35

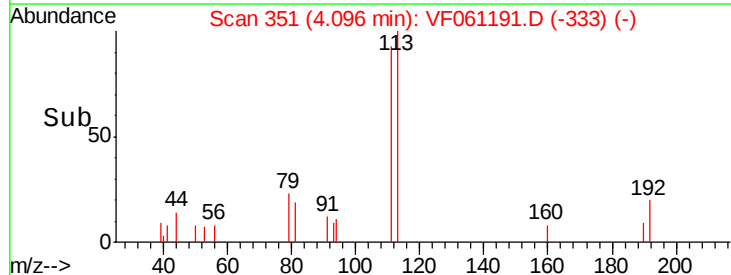
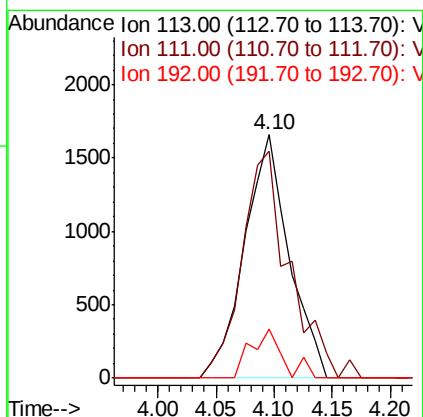
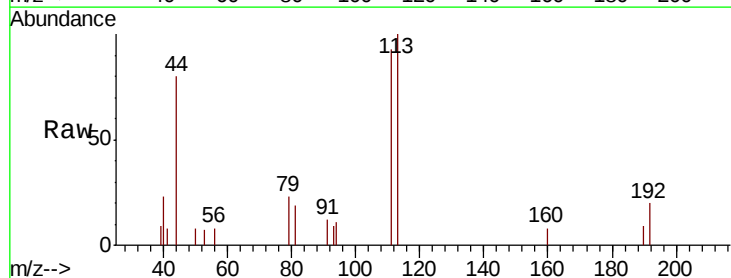
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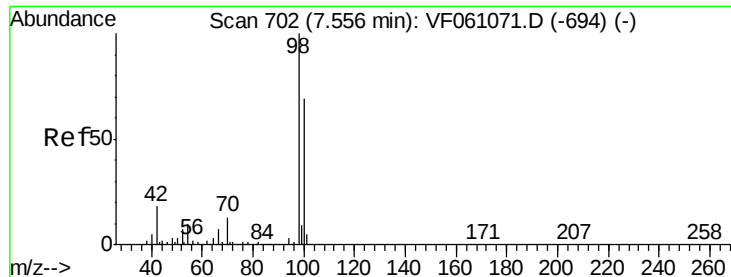
Tot Ion:114 Resp: 17638
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.6
 88 20.0 0.0 38.0



#35
 Dibromofluoromethane
 Concen: 31.127 ug/l
 RT: 4.10 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VF061191.D
 Acq: 26 Dec 2018 16:35

Tgt Ion:113 Resp: 4398
 Ion Ratio Lower Upper
 113 100
 111 93.1 85.2 127.8
 192 20.0 12.8 19.2#

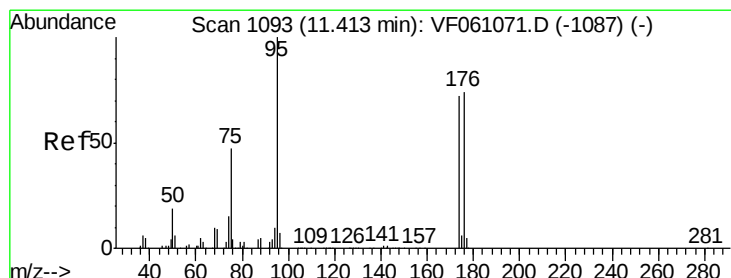
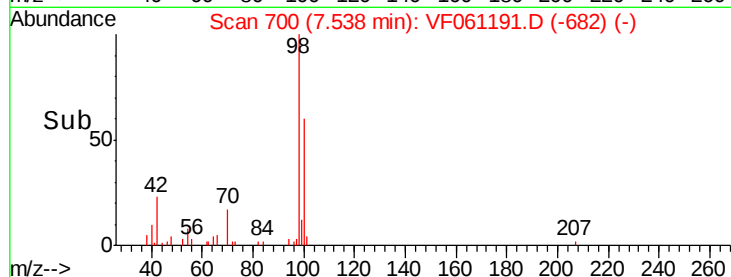
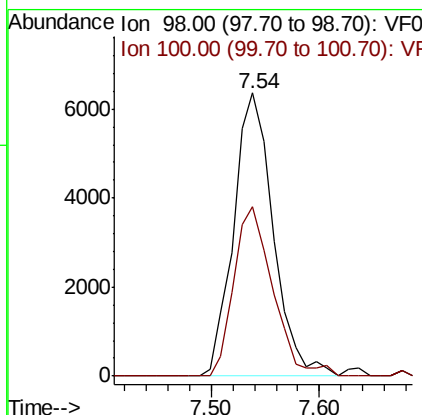
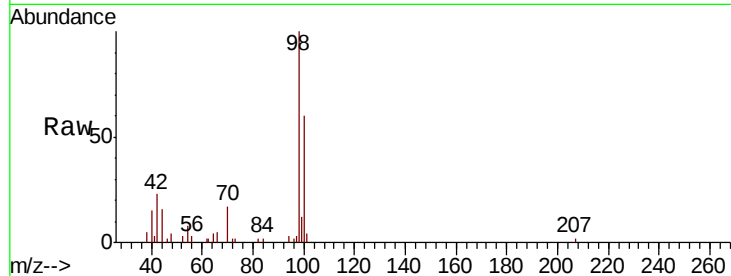




#50
Toluene-d8
Concen: 40.385 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061191.D
Acq: 26 Dec 2018 16:35

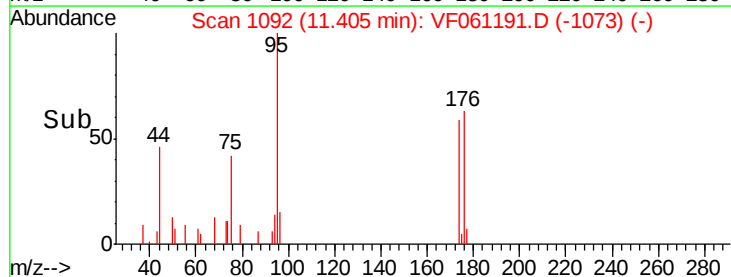
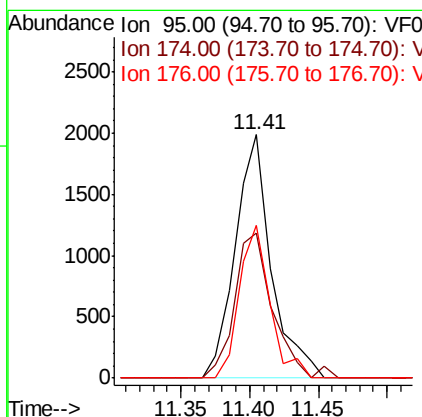
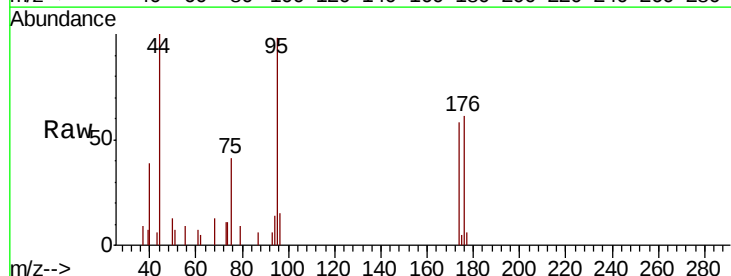
Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-1824-01

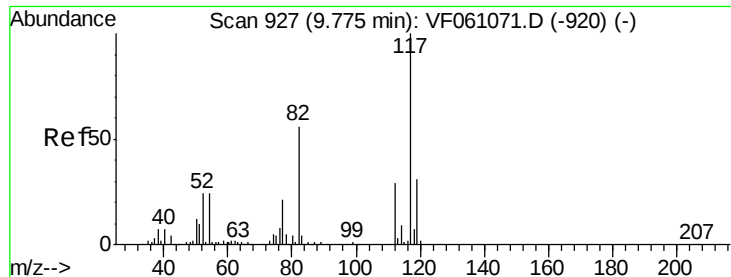
Tot Ion: 98 Resp: 16170
Ion Ratio Lower Upper
98 100
100 59.7 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 19.703 ug/l
RT: 11.41 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061191.D
Acq: 26 Dec 2018 16:35

Tgt Ion: 95 Resp: 3637
Ion Ratio Lower Upper
95 100
174 59.4 0.0 143.8
176 62.5 0.0 147.6

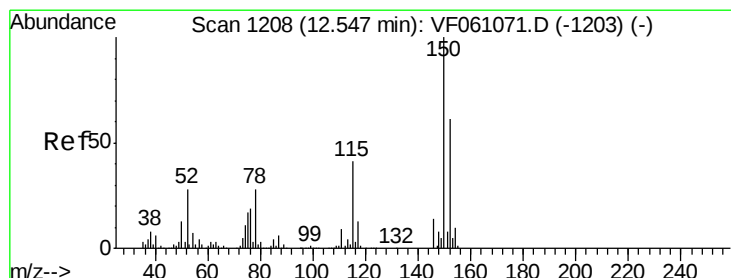
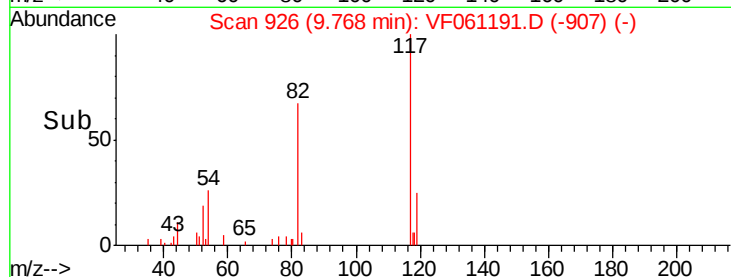
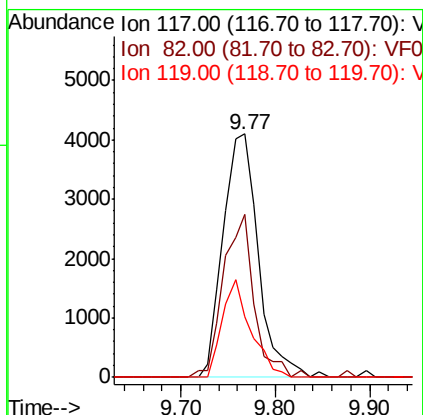
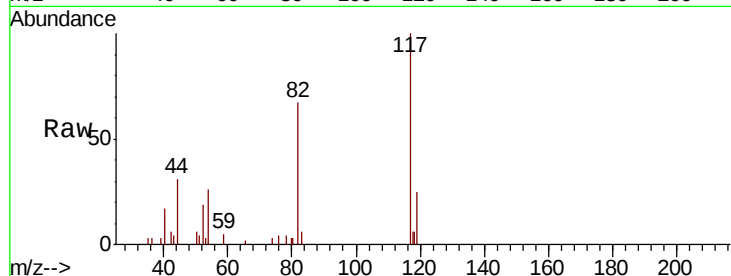




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061191.D
Acq: 26 Dec 2018 16:35

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-1824-01

Tot Ion:117 Resp: 10613
Ion Ratio Lower Upper
117 100
82 67.1 45.0 67.4
119 25.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061191.D
Acq: 26 Dec 2018 16:35

Tgt Ion:152 Resp: 2917
Ion Ratio Lower Upper
152 100
115 74.2 33.3 99.9
150 128.9 0.0 328.2

