

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060640.D
 Acq On : 7 Nov 2018 20:45
 Operator : VA/AP
 Sample : J5827-41
 Misc : 5.09g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-E

Quant Time: Nov 08 15:23:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	285458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	507650	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	433730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	217171	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	165075	57.23	ug/l	0.00
Spiked Amount						
			Recovery	=	114.46%	
35) Dibromofluoromethane	4.12	113	201945	51.49	ug/l	0.01
Spiked Amount						
			Recovery	=	102.98%	
50) Toluene-d8	7.55	98	467342	40.22	ug/l	0.00
Spiked Amount						
			Recovery	=	80.44%	
62) 4-Bromofluorobenzene	11.41	95	232441	45.74	ug/l	0.00
Spiked Amount						
			Recovery	=	91.48%	

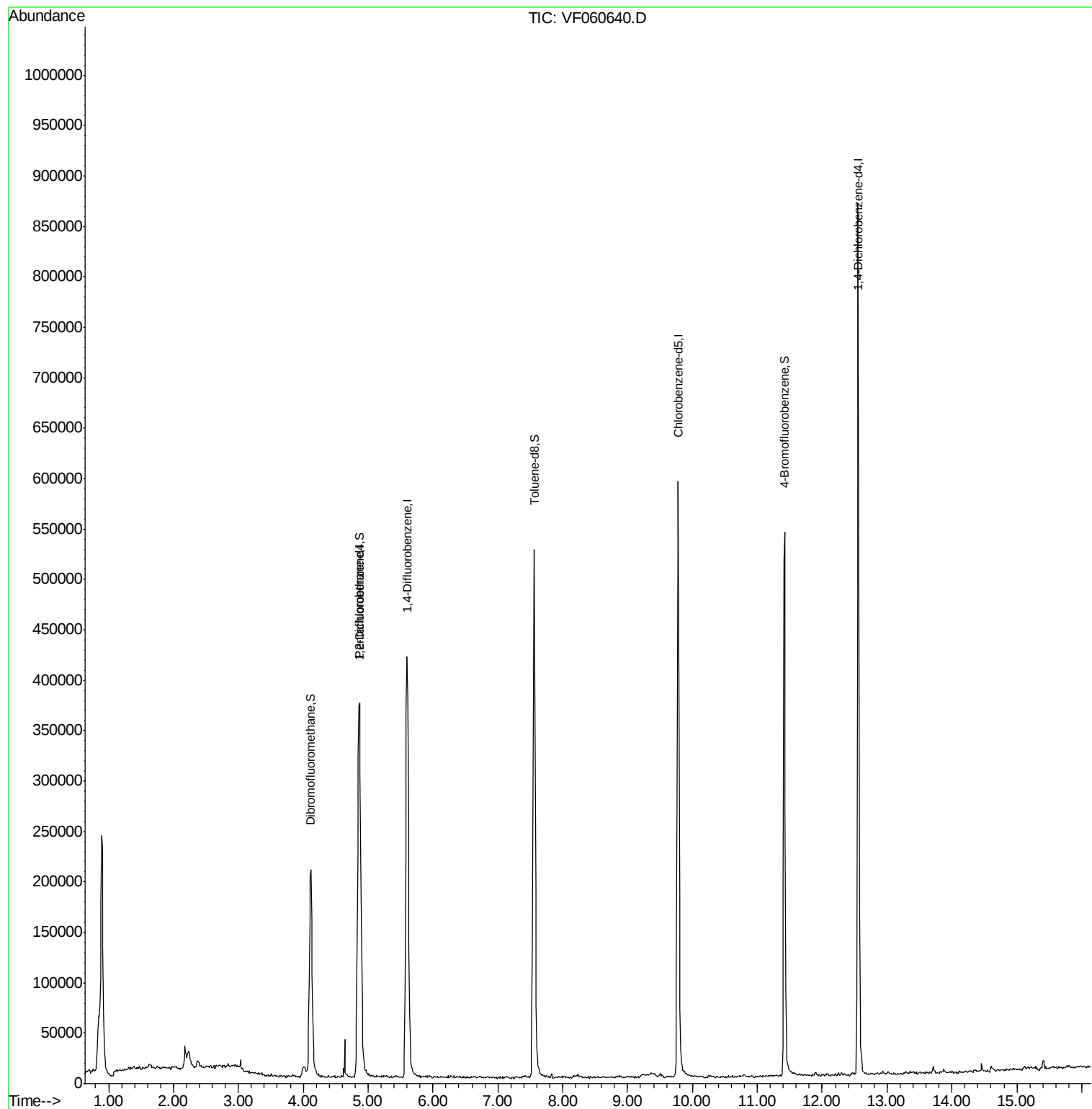
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF060640.D

Acq: 7 Nov 2018 20:45

Instrument :

MSVOA_F

ClientSampleId :

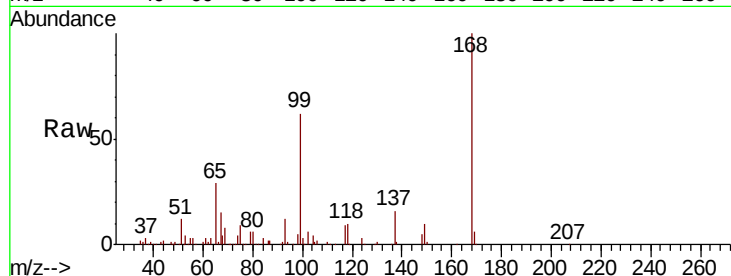
SP-E

Tot Ion:168 Resp: 285458

Ion Ratio Lower Upper

168 100

99 62.0 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

100000

80000

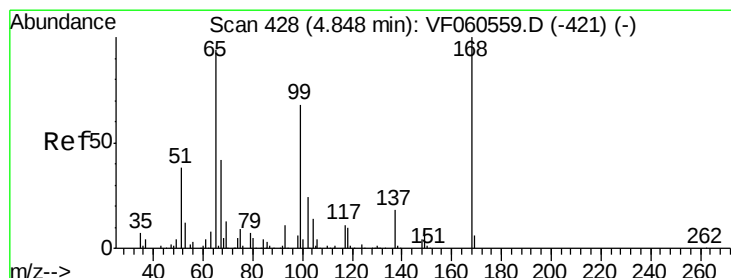
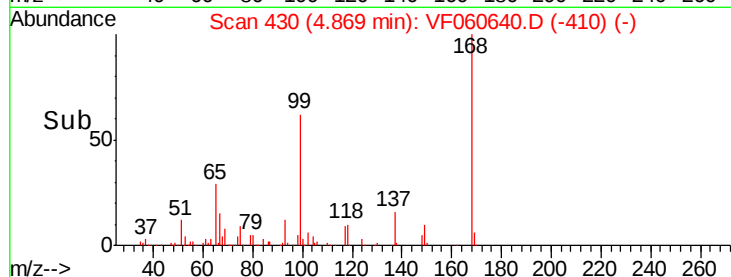
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 57.235 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.00 min

Lab File: VF060640.D

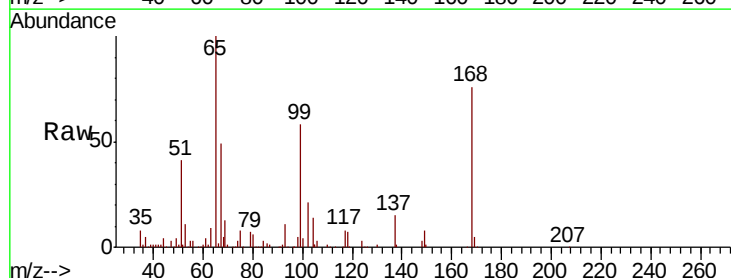
Acq: 7 Nov 2018 20:45

Tgt Ion: 65 Resp: 165075

Ion Ratio Lower Upper

65 100

67 48.7 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

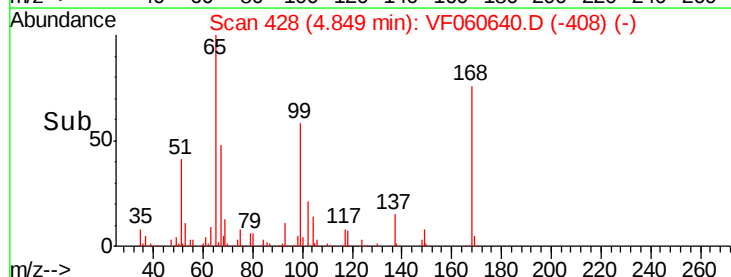
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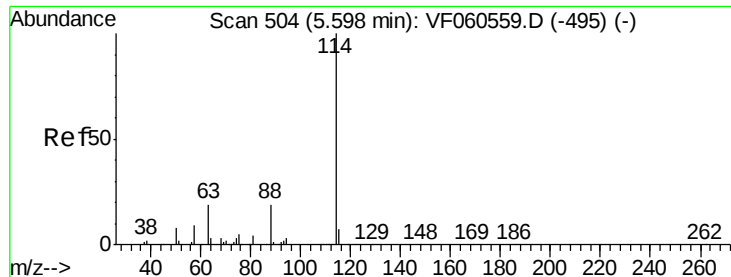
40000

20000

0

Time--> 4.70 4.80 4.90 5.00

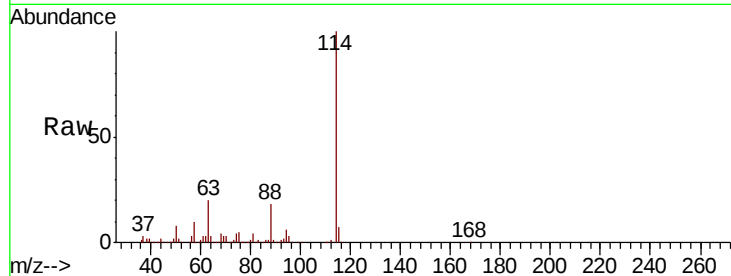




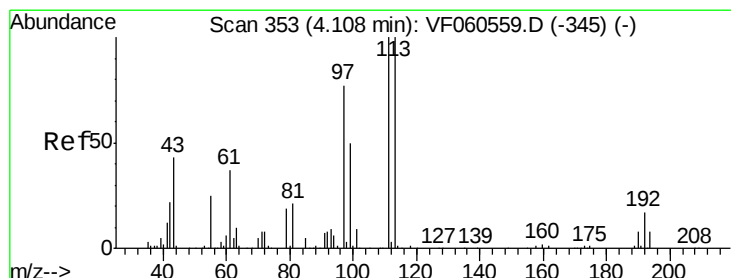
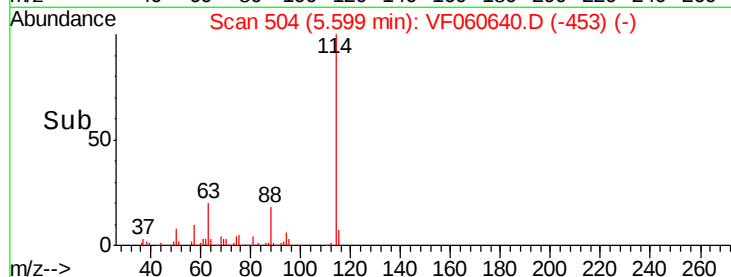
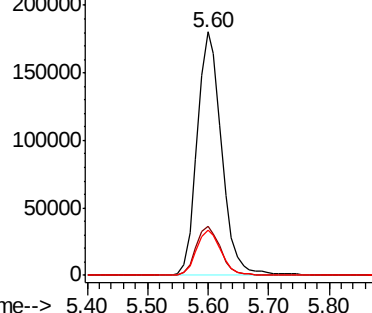
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.00 min
Lab File: VF060640.D
Acq: 7 Nov 2018 20:45

Instrument :
MSVOA_F
ClientSampleId :
SP-E

Tot Ion:114 Resp: 507650
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.0
88 18.3 0.0 38.2

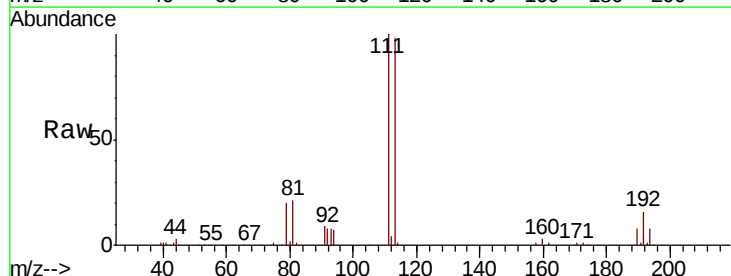


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

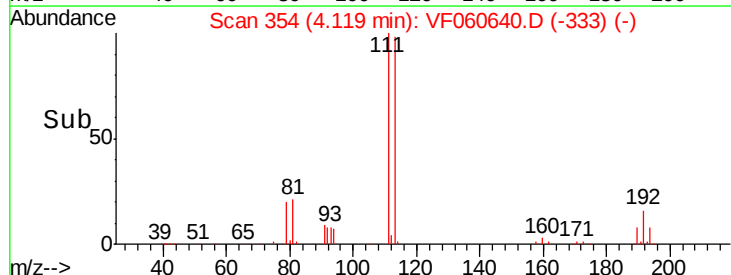
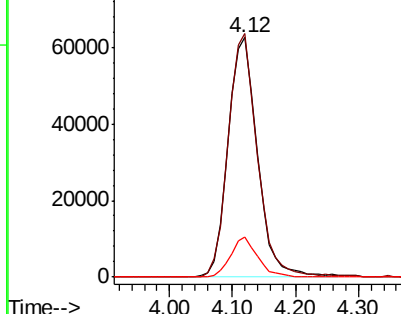


#35
Dibromofluoromethane
Concen: 51.489 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF060640.D
Acq: 7 Nov 2018 20:45

Tgt Ion:113 Resp: 201945
Ion Ratio Lower Upper
113 100
111 101.6 79.9 119.9
192 16.5 13.3 19.9



Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

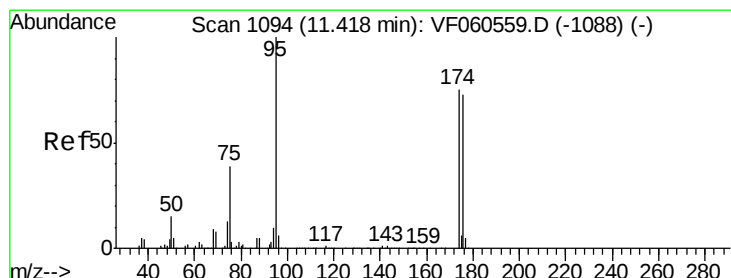
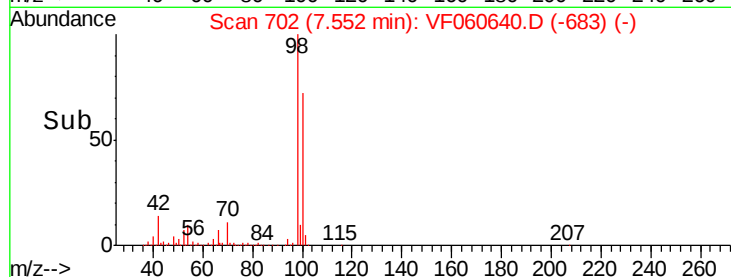
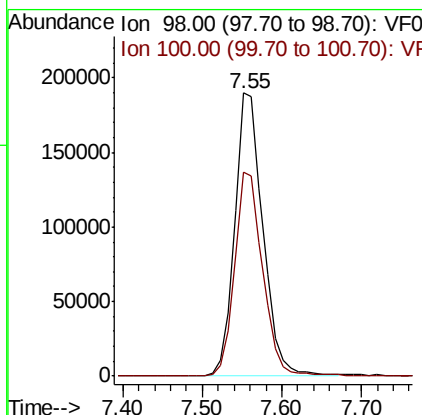
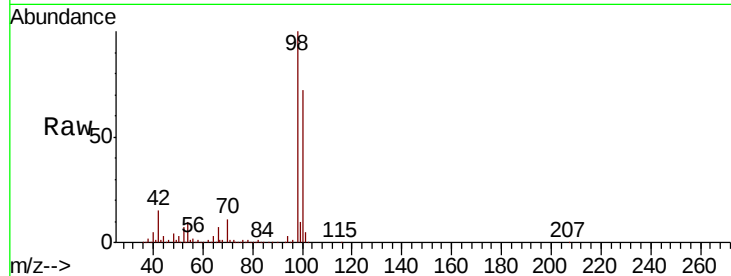




#50
Toluene-d8
Concen: 40.224 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060640.D
Acq: 7 Nov 2018 20:45

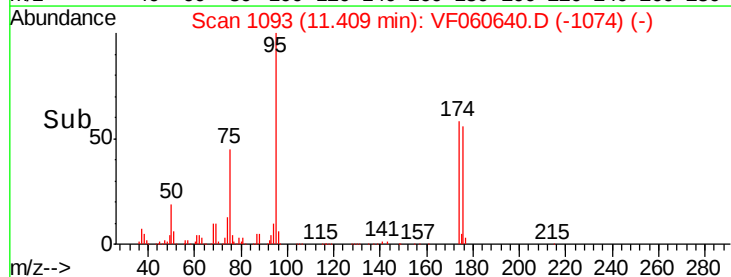
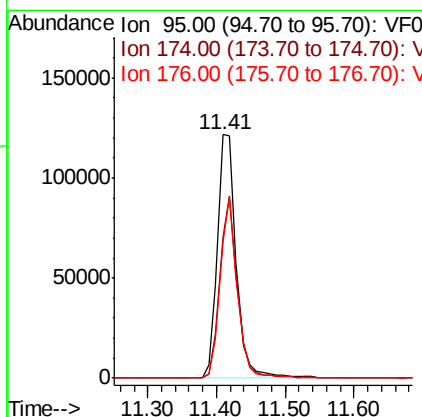
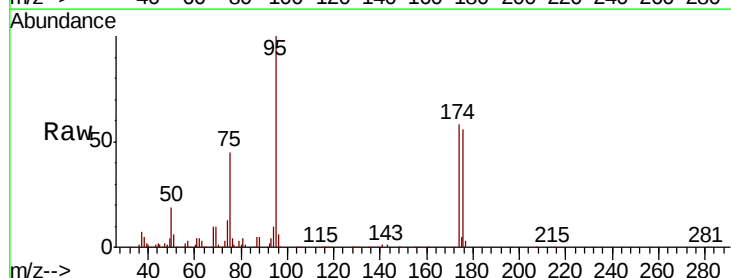
Instrument :
MSVOA_F
ClientSampleId :
SP-E

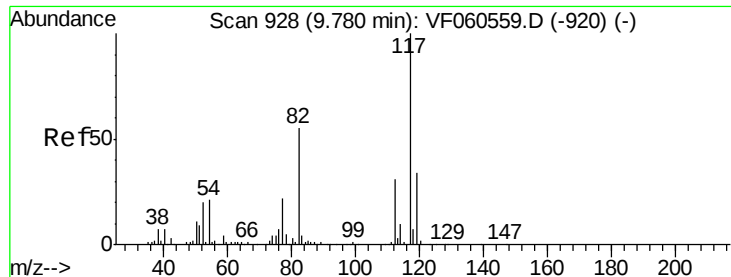
Tot Ion: 98 Resp: 467342
Ion Ratio Lower Upper
98 100
100 72.0 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 45.738 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060640.D
Acq: 7 Nov 2018 20:45

Tgt Ion: 95 Resp: 232441
Ion Ratio Lower Upper
95 100
174 57.9 0.0 149.0
176 56.1 0.0 145.6

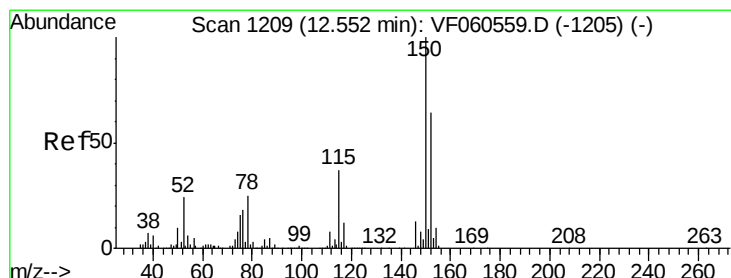
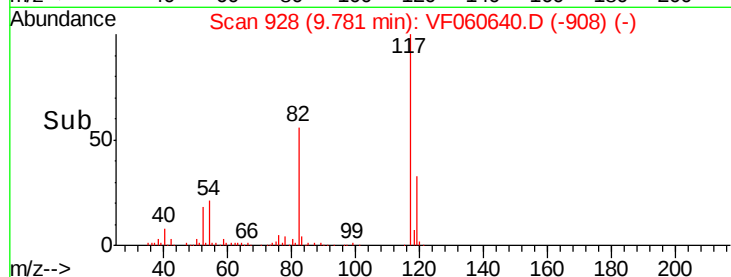
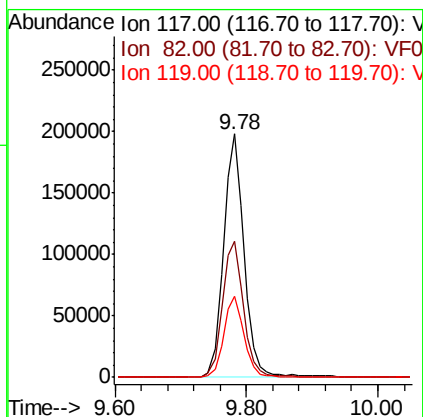
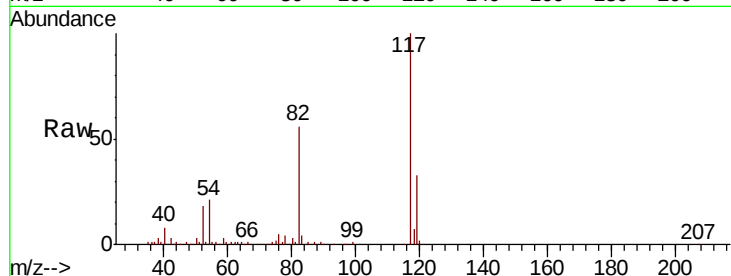




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060640.D
Acq: 7 Nov 2018 20:45

Instrument :
MSVOA_F
ClientSampleId :
SP-E

Tot Ion:117 Resp: 433730
Ion Ratio Lower Upper
117 100
82 55.9 43.9 65.9
119 33.5 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060640.D
Acq: 7 Nov 2018 20:45

Tgt Ion:152 Resp: 217171
Ion Ratio Lower Upper
152 100
115 59.9 29.6 88.8
150 155.8 0.0 315.6

