

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061198.D
 Acq On : 26 Dec 2018 19:56
 Operator : VA/AP
 Sample : J6446-03RE
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS026-0006-01RE

Quant Time: Dec 27 01:37:49 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	23891	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	29899	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	15577	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	4260	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	5953	19.37	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	38.74%	
35) Dibromofluoromethane	4.10	113	8377	34.98	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	69.96%	
50) Toluene-d8	7.54	98	25744	37.93	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	75.86%	
62) 4-Bromofluorobenzene	11.40	95	4311	13.78	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	27.56%	

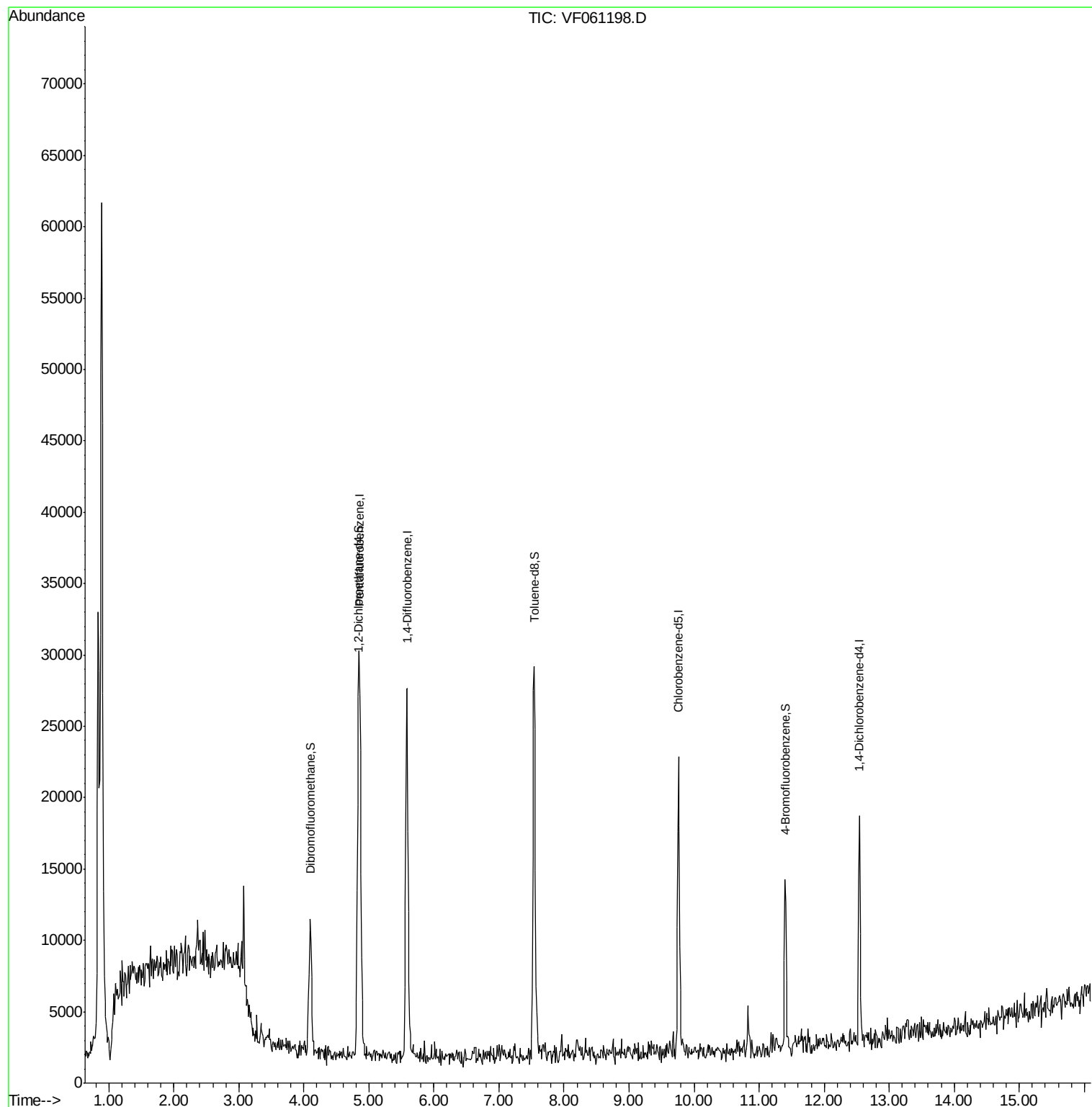
Target Compounds	Qvalue

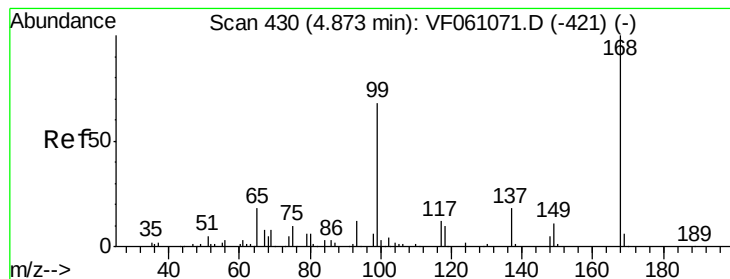
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061198.D

Acq: 26 Dec 2018 19:56

Instrument :

MSVOA_F

ClientSampleId :

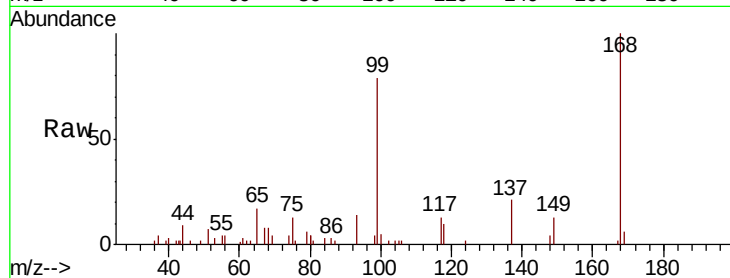
P001-SS026-0006-01RE

Tot Ion:168 Resp: 23891

Ion Ratio Lower Upper

168 100

99 79.4 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

8000

6000

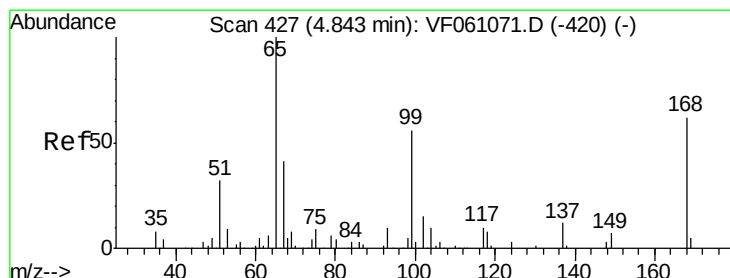
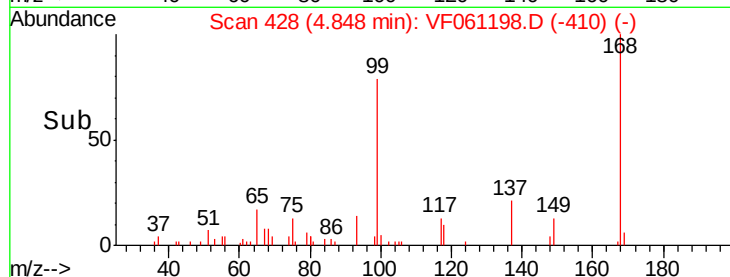
4000

2000

0

Time-->

4.80 4.90



#33

1,2-Dichloroethane-d4

Concen: 19.373 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061198.D

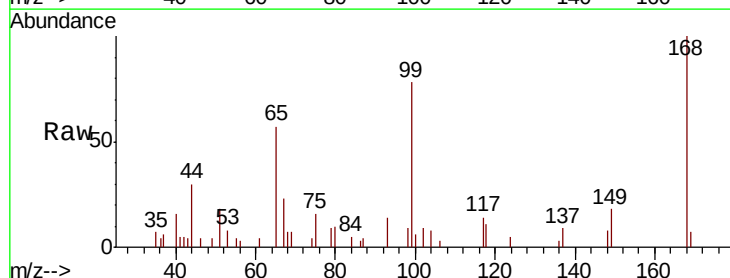
Acq: 26 Dec 2018 19:56

Tgt Ion: 65 Resp: 5953

Ion Ratio Lower Upper

65 100

67 40.3 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

2000

1500

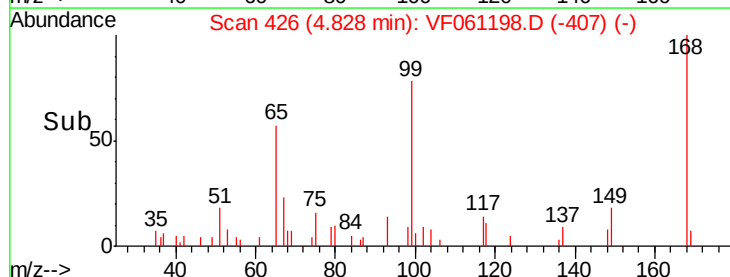
1000

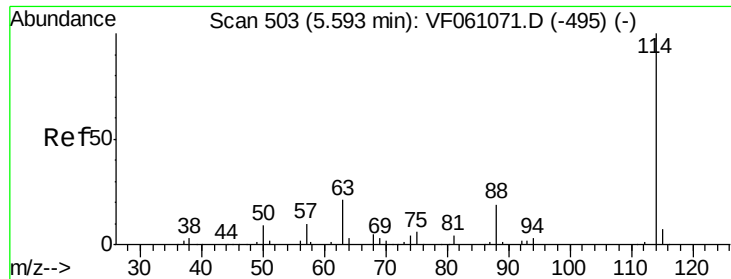
500

0

Time-->

4.75 4.80 4.85 4.90

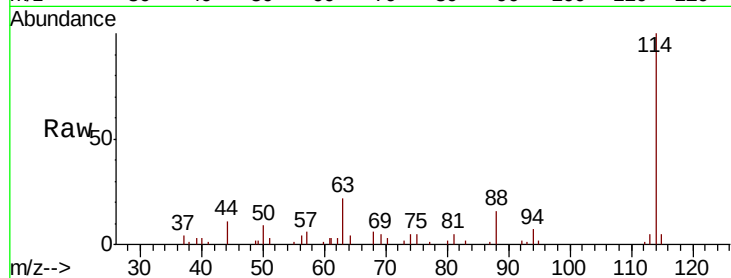




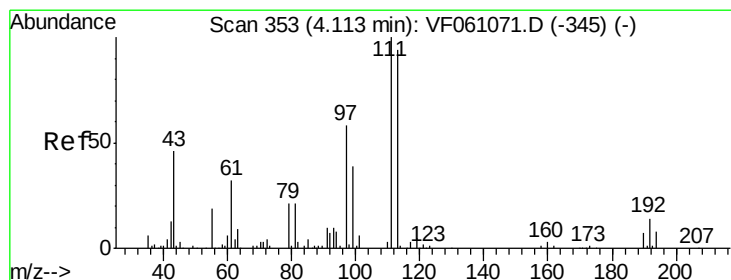
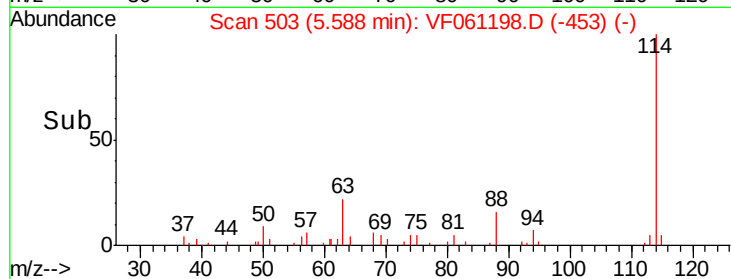
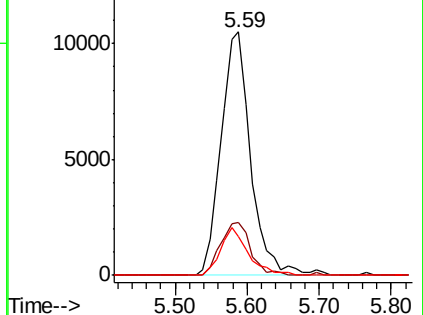
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF061198.D
Acq: 26 Dec 2018 19:56

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0006-01RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.6
88	16.0	0.0	38.0

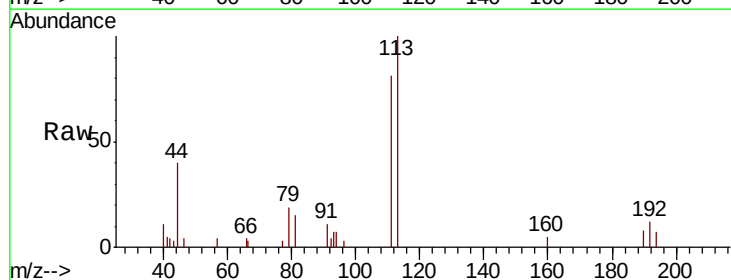


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

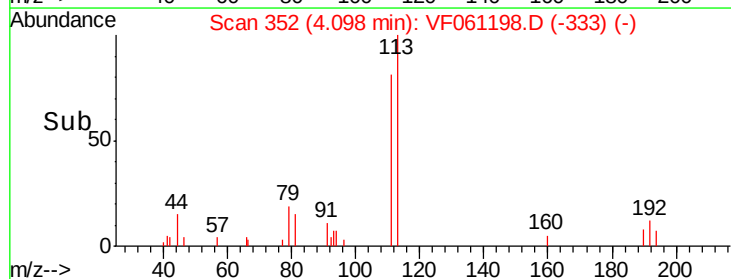
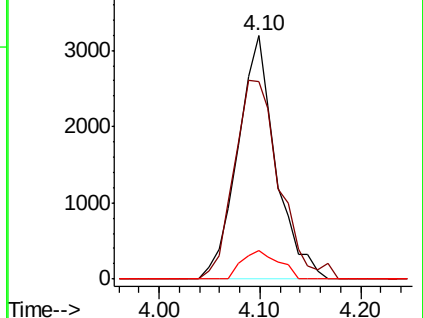


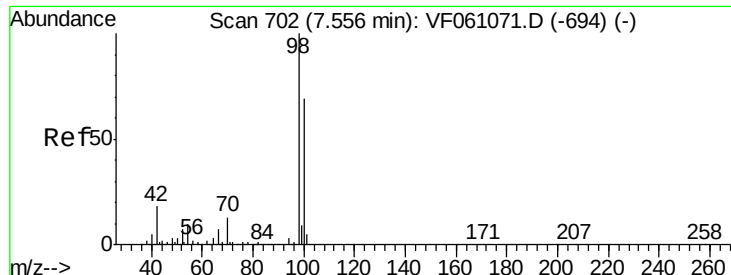
#35
Dibromofluoromethane
Concen: 34.976 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061198.D
Acq: 26 Dec 2018 19:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	81.2	85.2	127.8#
192	11.6	12.8	19.2#



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

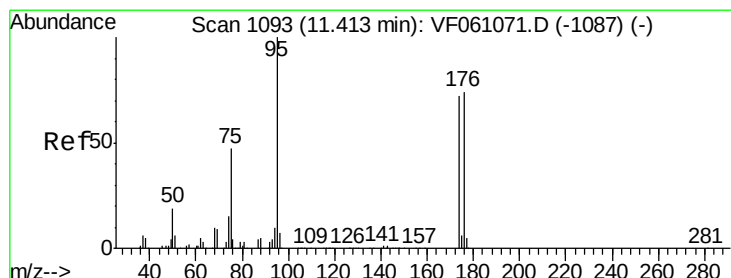
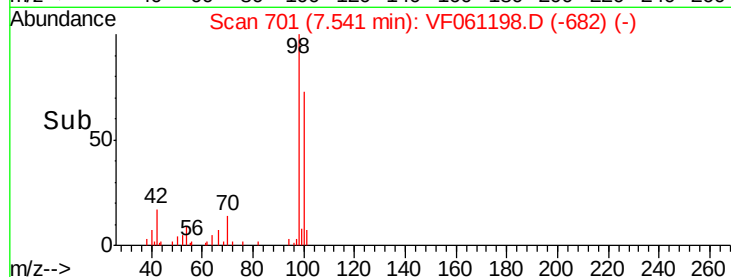
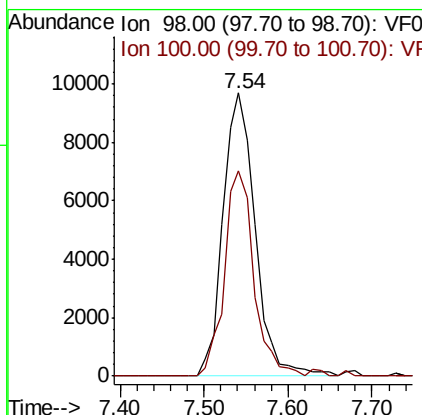
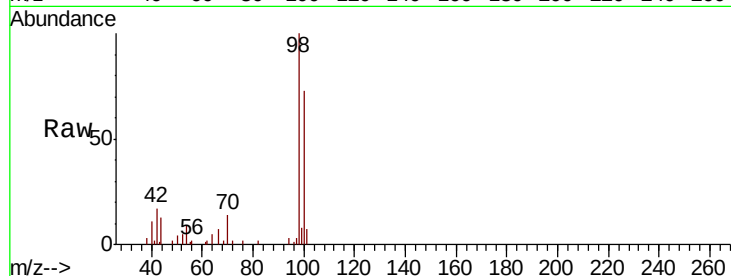




#50
Toluene-d8
Concen: 37.929 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF061198.D
Acq: 26 Dec 2018 19:56

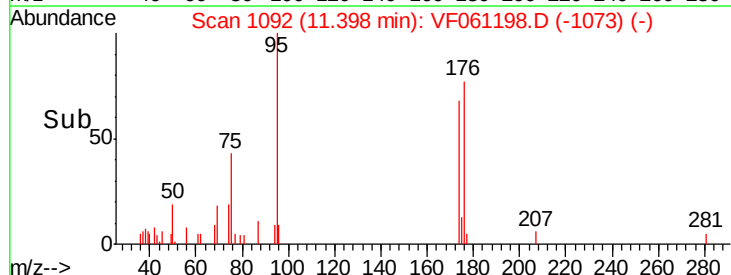
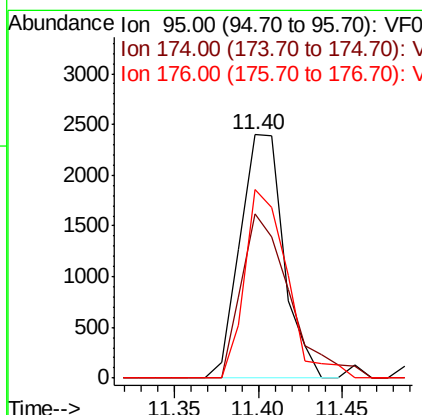
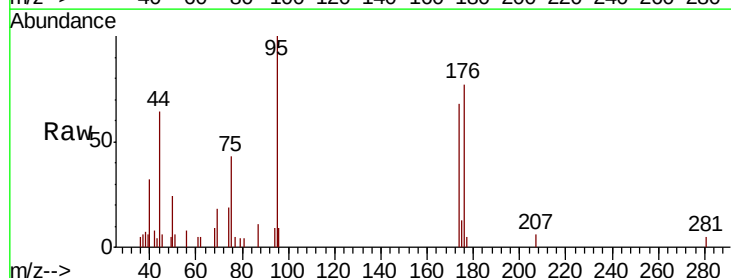
Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0006-01RE

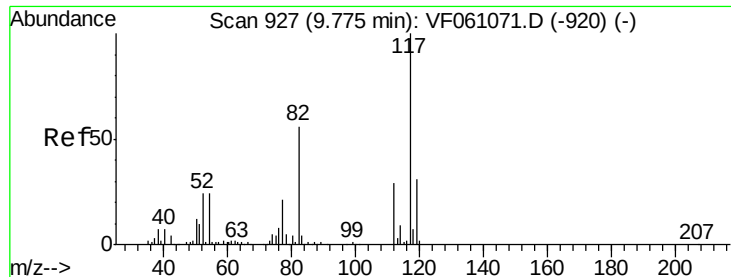
Tot Ion: 98 Resp: 25744
Ion Ratio Lower Upper
98 100
100 72.5 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 13.777 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061198.D
Acq: 26 Dec 2018 19:56

Tgt Ion: 95 Resp: 4311
Ion Ratio Lower Upper
95 100
174 67.7 0.0 143.8
176 77.2 0.0 147.6

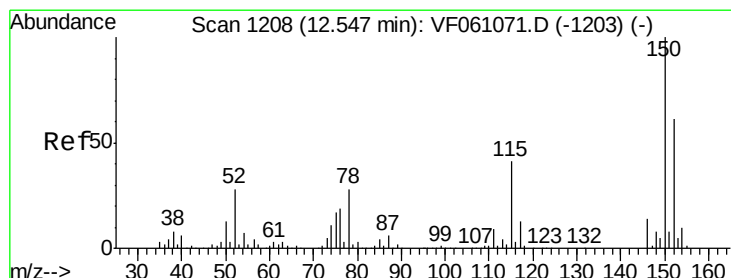
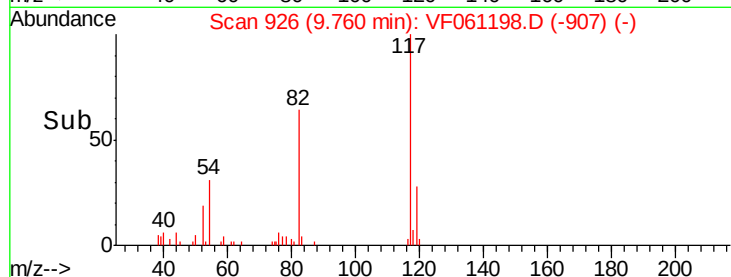
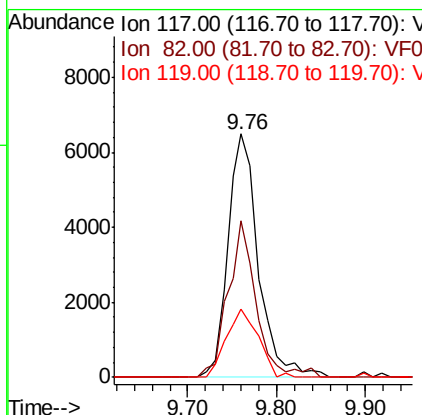
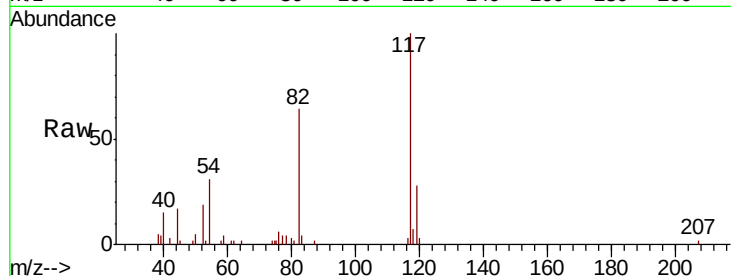




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061198.D
Acq: 26 Dec 2018 19:56

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0006-01RE

Tot Ion:117 Resp: 15577
Ion Ratio Lower Upper
117 100
82 64.4 45.0 67.4
119 28.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061198.D
Acq: 26 Dec 2018 19:56

Tgt Ion:152 Resp: 4260
Ion Ratio Lower Upper
152 100
115 65.2 33.3 99.9
150 152.7 0.0 328.2

