

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061297.D
 Acq On : 9 Jan 2019 13:19
 Operator : VA/AP
 Sample : K1083-01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Jan 10 06:36:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	234861	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	415296	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	375499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	191781	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	142932	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
35) Dibromofluoromethane	4.13	113	175659	55.28	ug/l	0.02
Spiked Amount	50.000		Recovery	=	110.56%	
50) Toluene-d8	7.58	98	451485	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	11.42	95	214343	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	

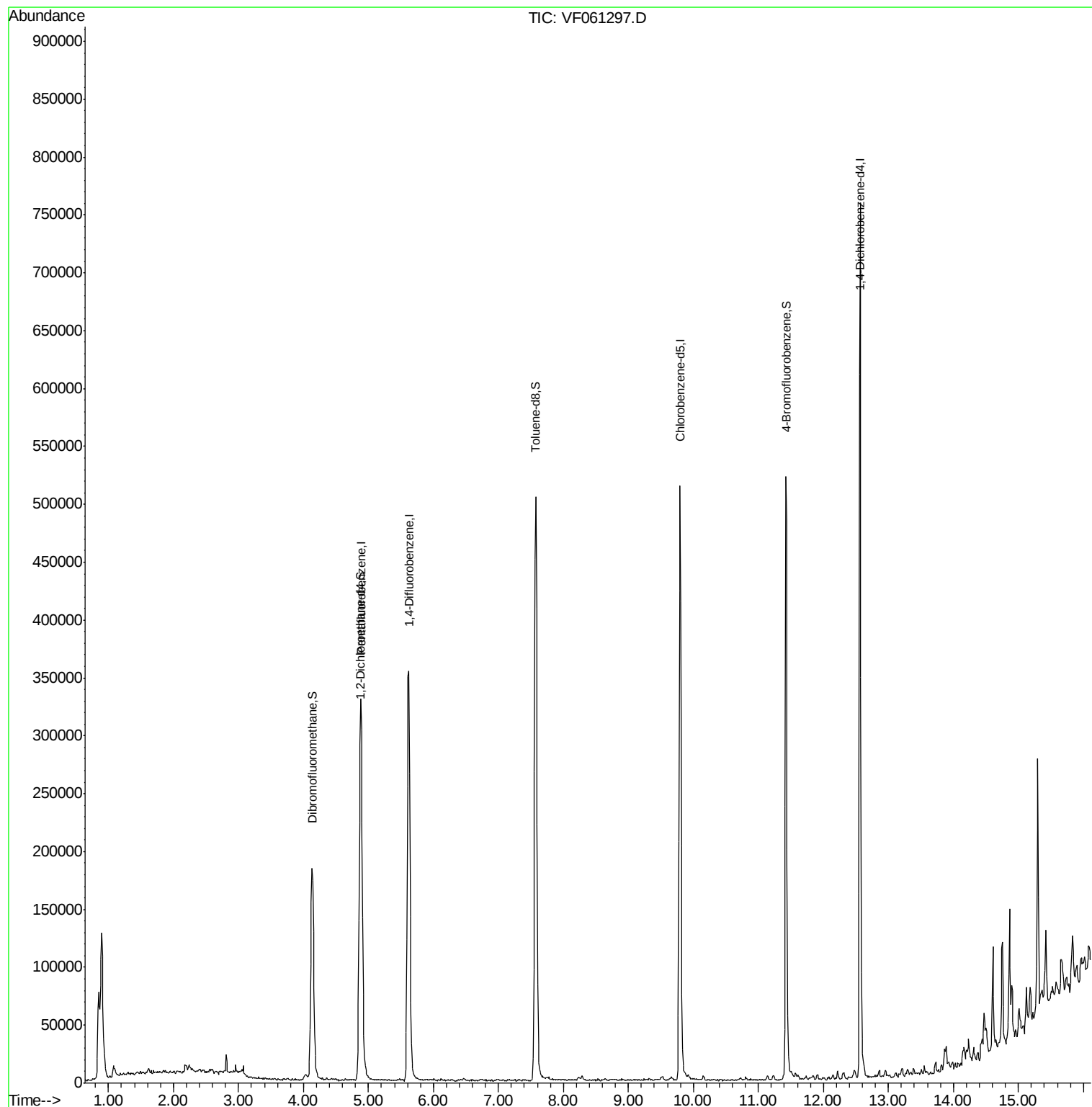
Target Compounds	Qvalue

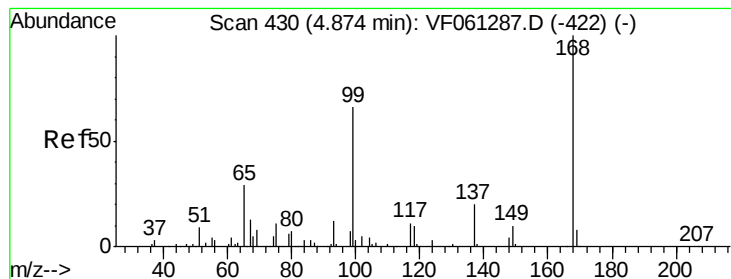
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF061297.D

Acq: 9 Jan 2019 13:19

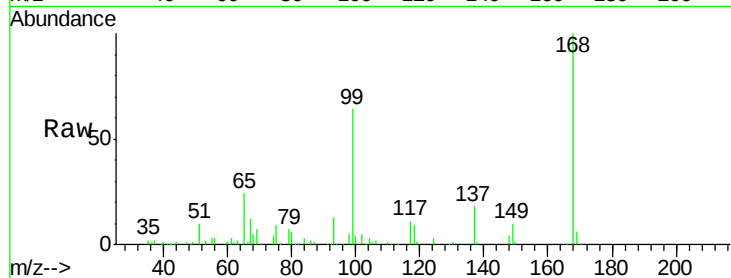
Instrument :
MSVOA_F
ClientSampleId :
OILY-STONES

Tot Ion:168 Resp: 234861

Ion Ratio Lower Upper

168 100

99 64.0 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

40000

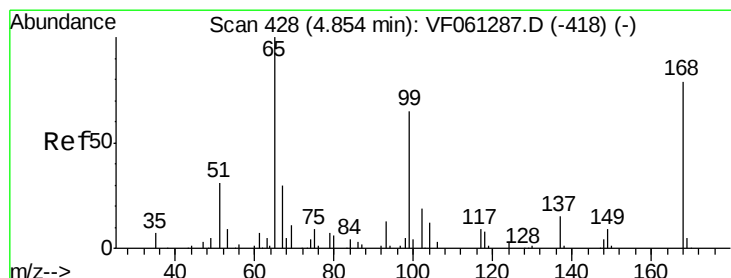
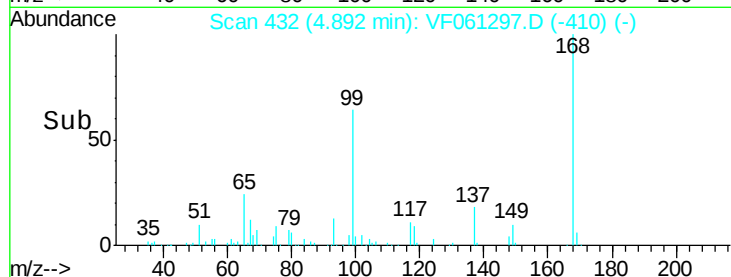
20000

0

4.89

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.677 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.01 min

Lab File: VF061297.D

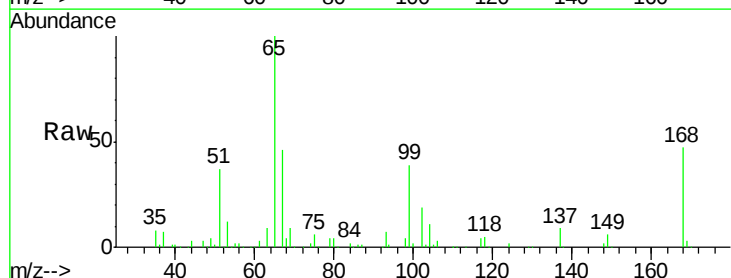
Acq: 9 Jan 2019 13:19

Tgt Ion: 65 Resp: 142932

Ion Ratio Lower Upper

65 100

67 46.2 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

60000

50000

40000

30000

20000

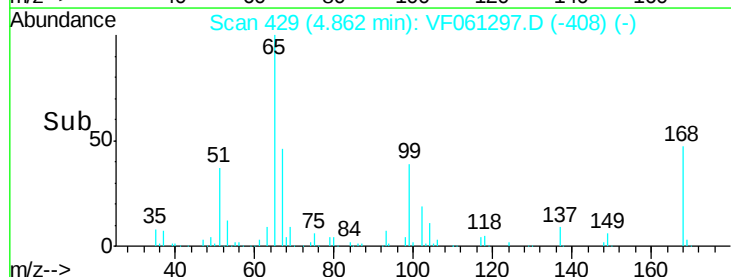
10000

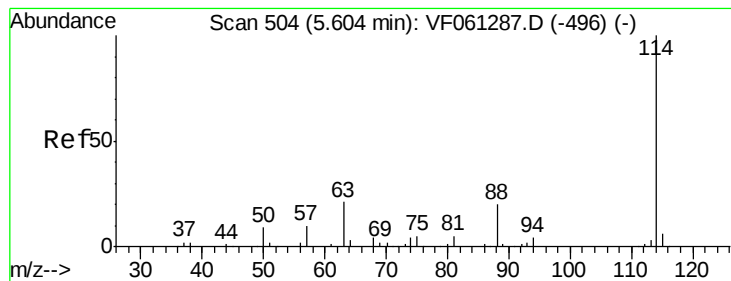
0

4.86

4.70 4.80 4.90 5.00 5.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. 0.02 min

Lab File: VF061297.D

Acq: 9 Jan 2019 13:19

Instrument :

MSVOA_F

ClientSampleId :

OILY-STONES

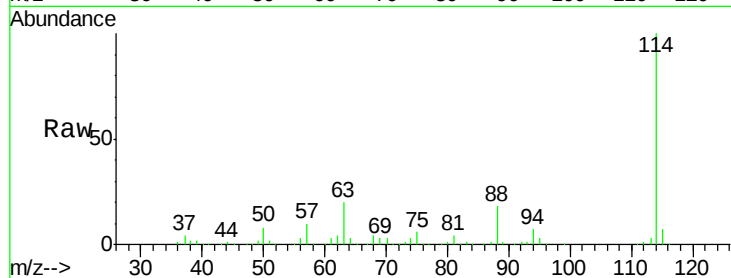
Tot Ion:114 Resp: 415296

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

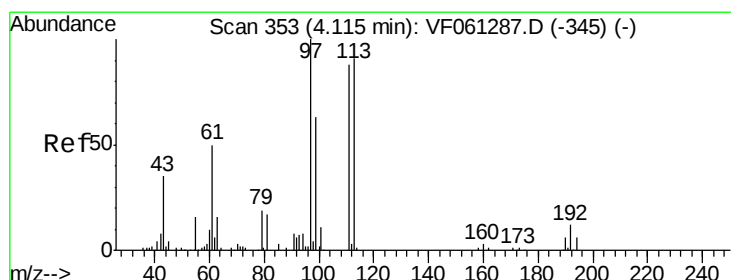
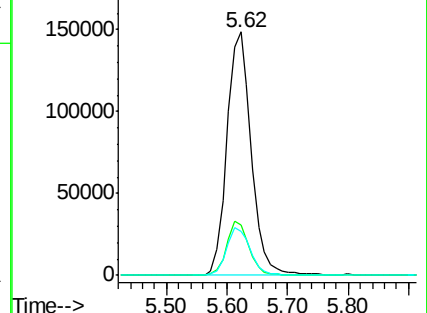
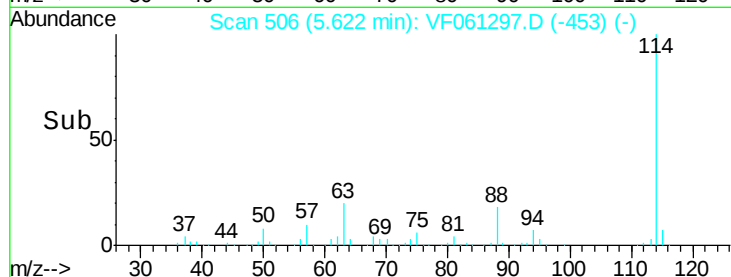
88 18.1 0.0 40.0



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: 55.279 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.02 min

Lab File: VF061297.D

Acq: 9 Jan 2019 13:19

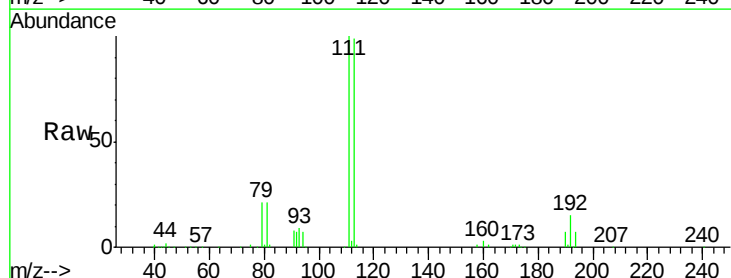
Tgt Ion:113 Resp: 175659

Ion Ratio Lower Upper

113 100

111 100.7 78.0 117.0

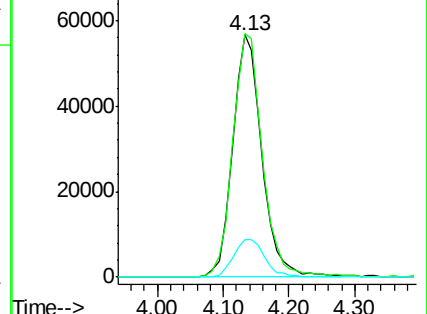
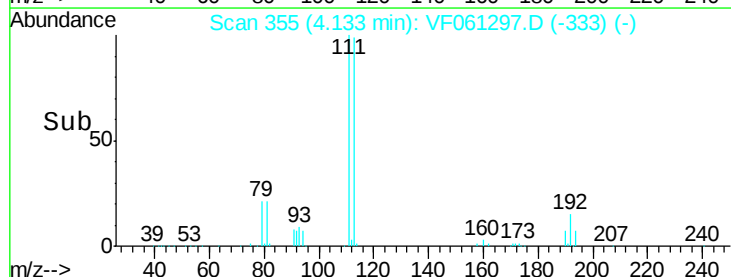
192 15.6 10.6 16.0

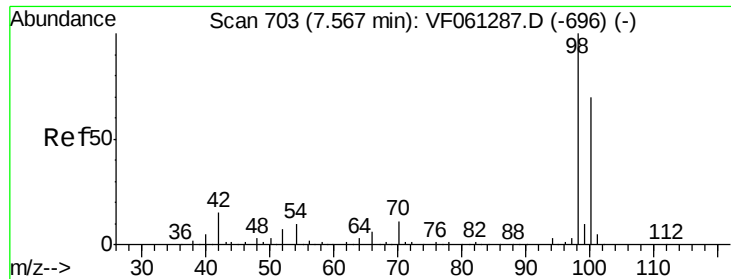


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

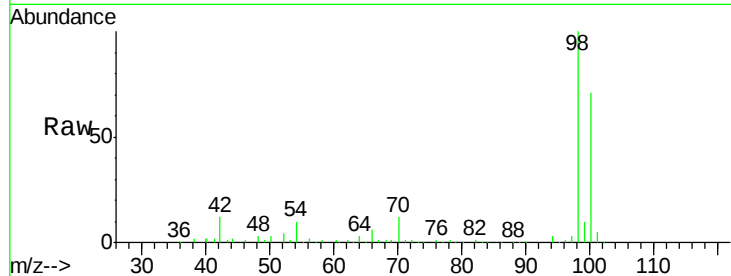




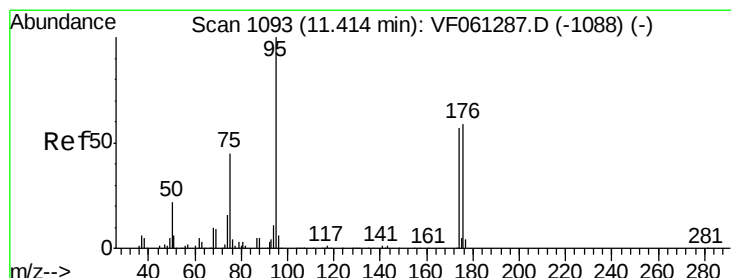
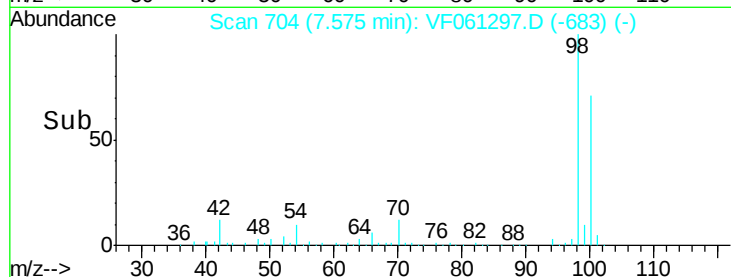
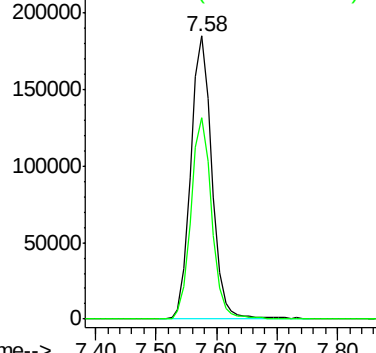
#50
Toluene-d8
Concen: 48.012 ug/l
RT: 7.58 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF061297.D
Acq: 9 Jan 2019 13:19

Instrument :
MSVOA_F
ClientSampleId :
OILY-STONES

Tot Ion: 98 Resp: 451485
Ion Ratio Lower Upper
98 100
100 71.3 55.6 83.4

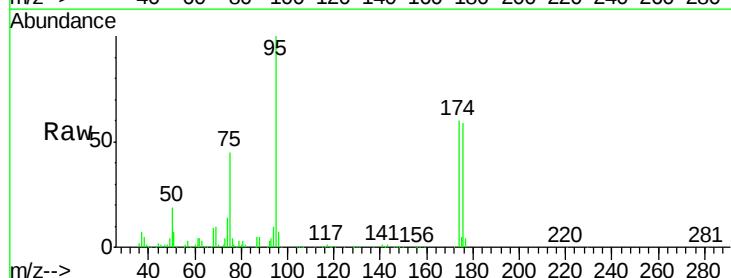


Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF

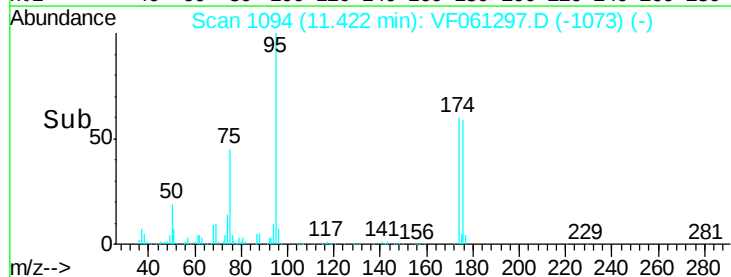
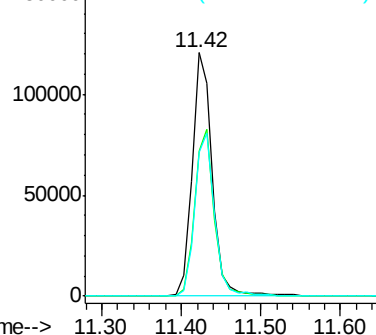


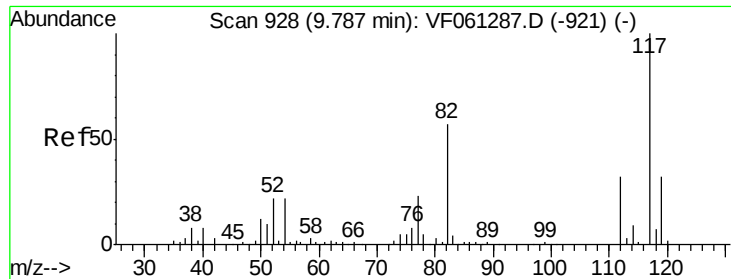
#62
4-Bromofluorobenzene
Concen: 52.200 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061297.D
Acq: 9 Jan 2019 13:19

Tgt Ion: 95 Resp: 214343
Ion Ratio Lower Upper
95 100
174 59.5 0.0 114.2
176 59.0 0.0 117.8



Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

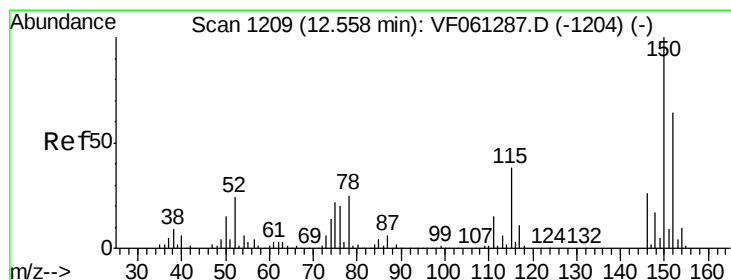
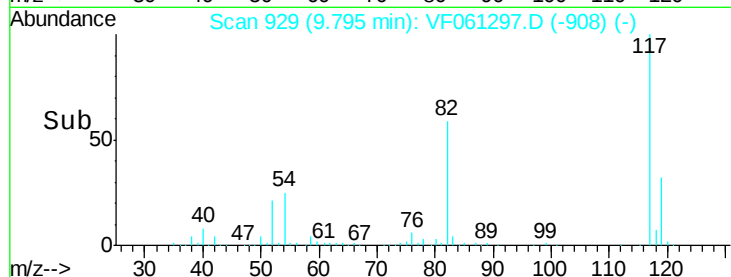
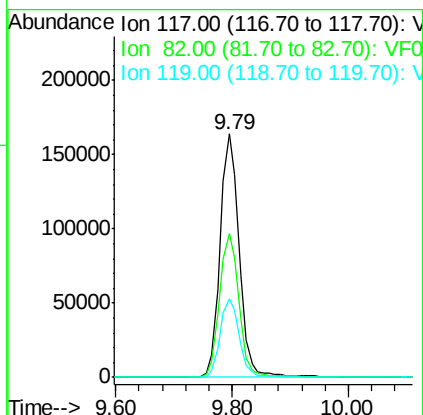
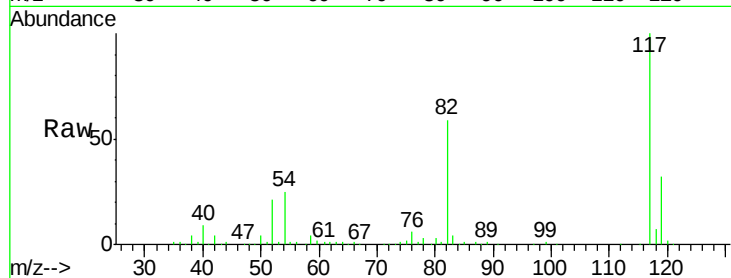




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061297.D
Acq: 9 Jan 2019 13:19

Instrument :
MSVOA_F
ClientSampleId :
OILY-STONES

Tot Ion:117 Resp: 375499
Ion Ratio Lower Upper
117 100
82 59.0 45.3 67.9
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF061297.D
Acq: 9 Jan 2019 13:19

Tgt Ion:152 Resp: 191781
Ion Ratio Lower Upper
152 100
115 57.8 29.6 88.9
150 153.9 0.0 315.4

