

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061880.D
 Acq On : 8 Mar 2019 23:35
 Operator : VA/AP
 Sample : K1807-31
 Misc : 5.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-13

Quant Time: Mar 09 03:18:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	219178	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	337323	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	310790	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	187354	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	111217	69.68	ug/l	-0.02
Spiked Amount			Recovery	=	139.36%	
35) Dibromofluoromethane	4.10	113	159906	67.93	ug/l	-0.02
Spiked Amount			Recovery	=	135.86%	
50) Toluene-d8	7.54	98	398960	57.02	ug/l	-0.02
Spiked Amount			Recovery	=	114.04%	
62) 4-Bromofluorobenzene	11.40	95	182996	66.76	ug/l	-0.02
Spiked Amount			Recovery	=	133.52%	

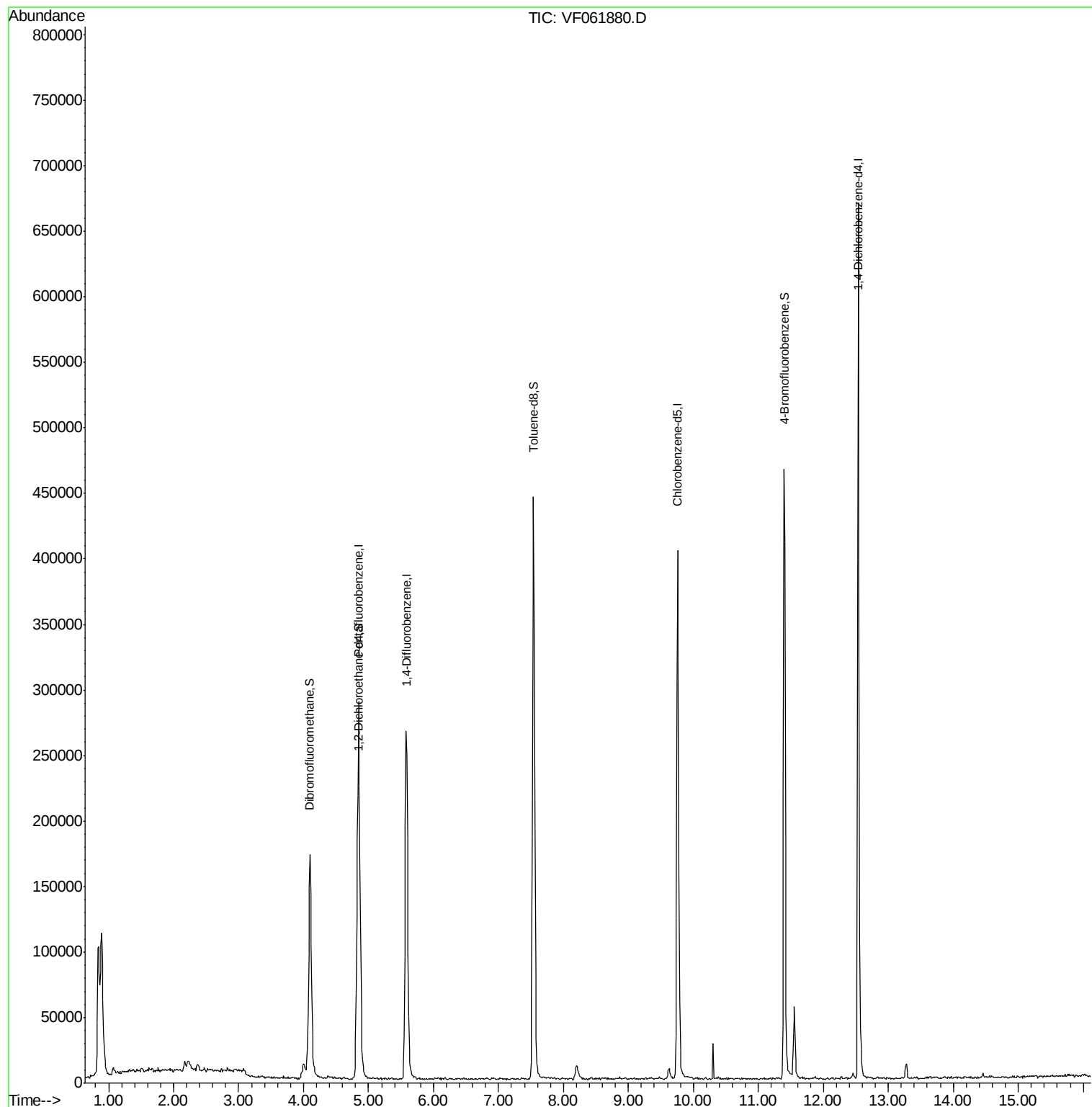
Target Compounds	Qvalue
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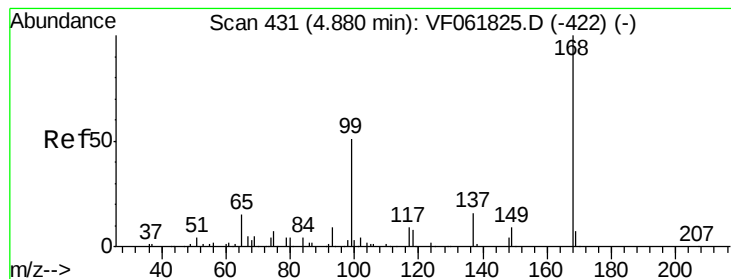
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061880.D

Acq: 8 Mar 2019 23:35

Instrument :

MSVOA_F

ClientSampleId :

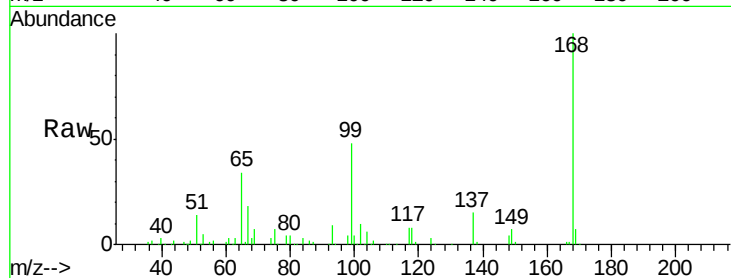
TP-13

Tot Ion:168 Resp: 219178

Ion Ratio Lower Upper

168 100

99 47.9 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

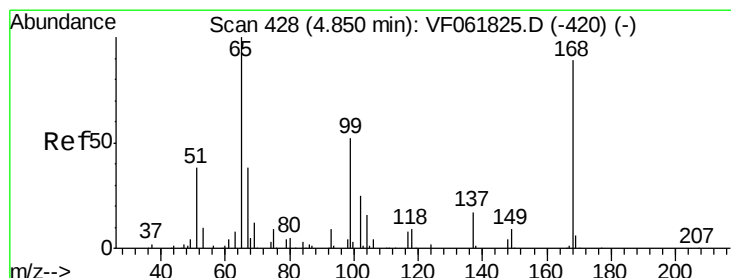
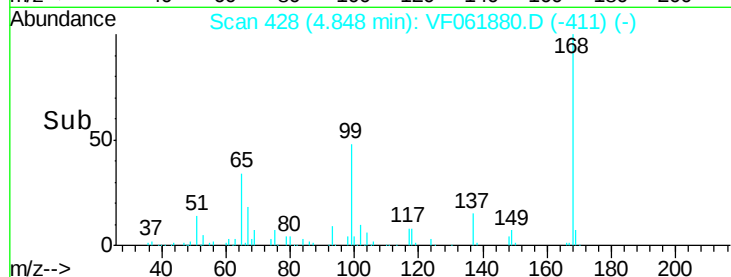
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 69.678 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061880.D

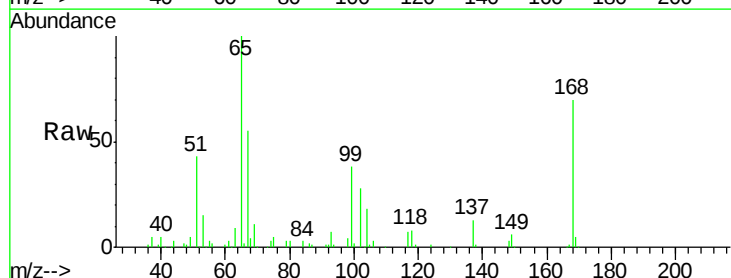
Acq: 8 Mar 2019 23:35

Tgt Ion: 65 Resp: 111217

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

40000

30000

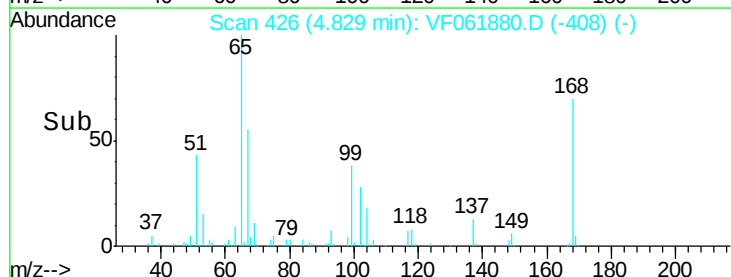
20000

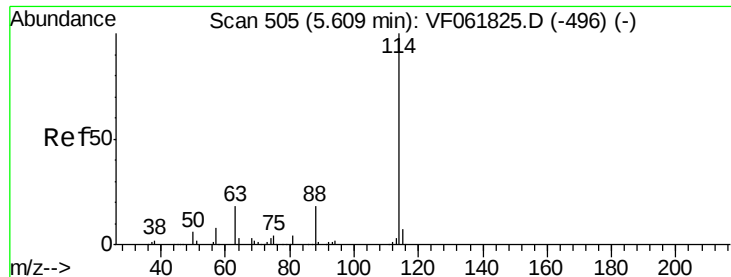
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061880.D

Acq: 8 Mar 2019 23:35

Instrument :

MSVOA_F

ClientSampleId :

TP-13

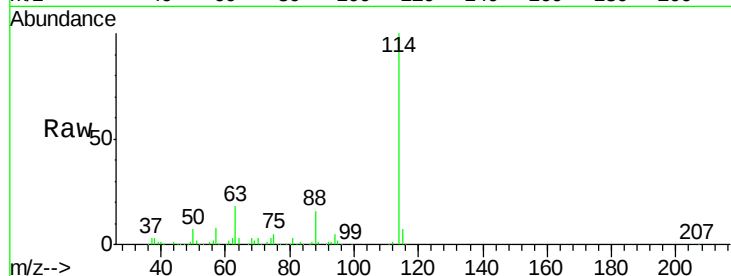
Tot Ion:114 Resp: 337323

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

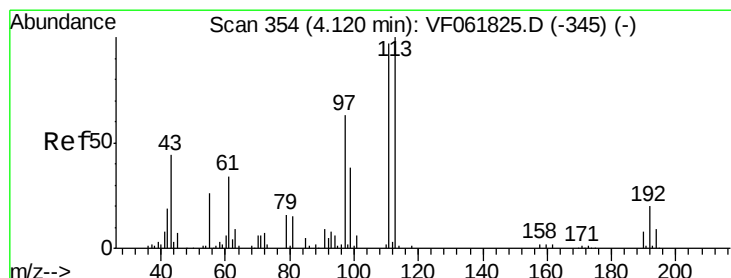
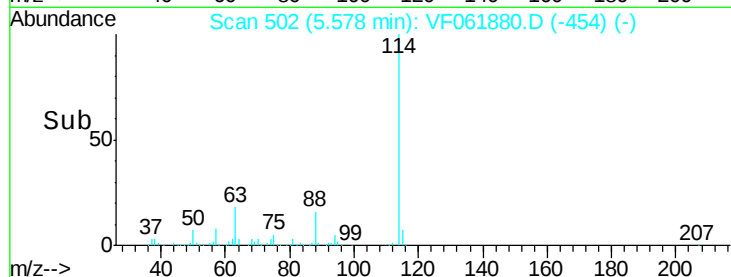
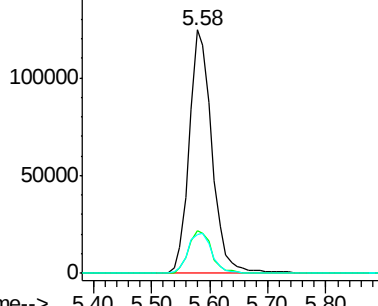
88 16.2 0.0 35.6



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: 67.927 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061880.D

Acq: 8 Mar 2019 23:35

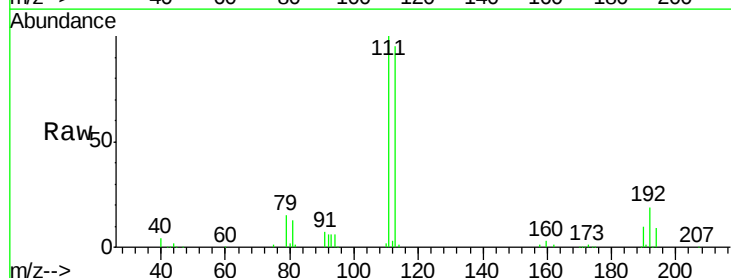
Tgt Ion:113 Resp: 159906

Ion Ratio Lower Upper

113 100

111 105.0 77.6 116.4

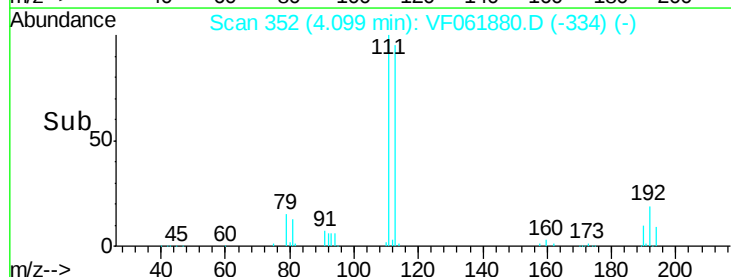
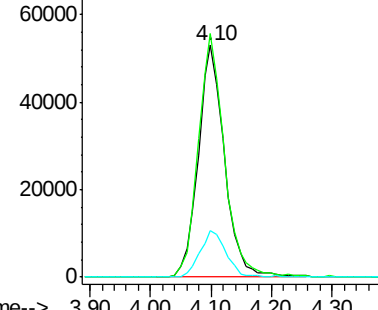
192 20.0 15.9 23.9

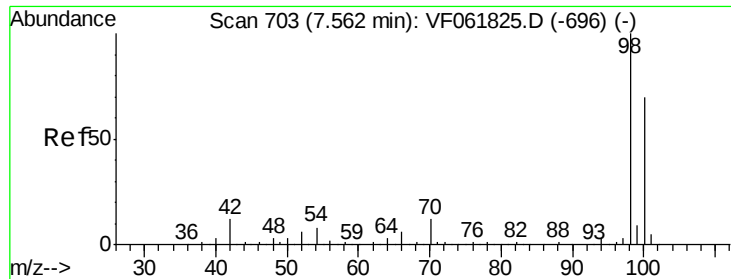


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

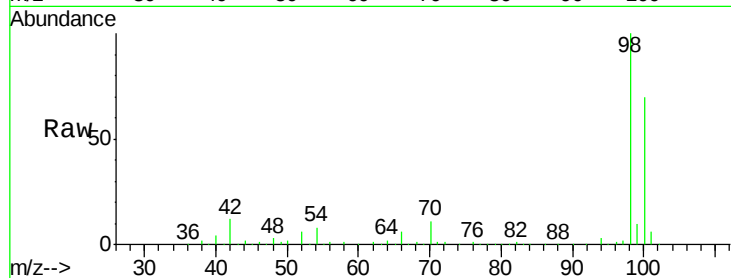




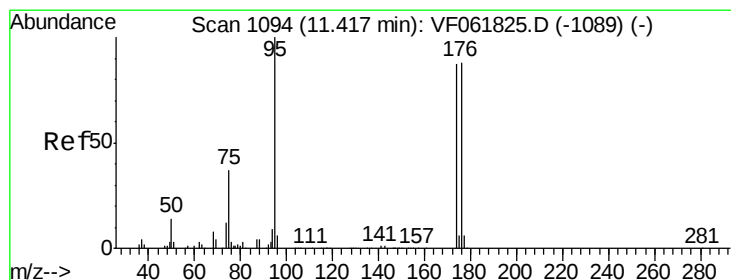
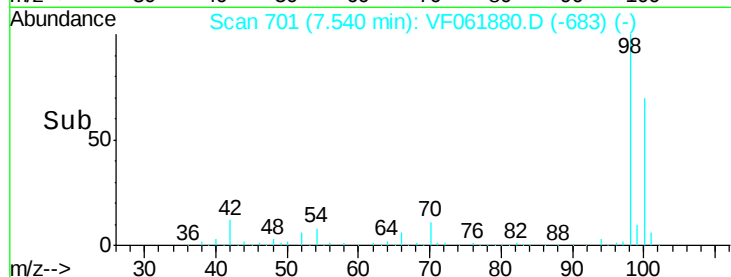
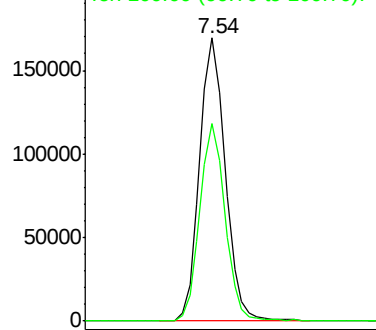
#50
Toluene-d8
Concen: 57.019 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061880.D
Acq: 8 Mar 2019 23:35

Instrument :
MSVOA_F
ClientSampleId :
TP-13

Tot Ion: 98 Resp: 398960
Ion Ratio Lower Upper
98 100
100 70.0 56.0 84.0

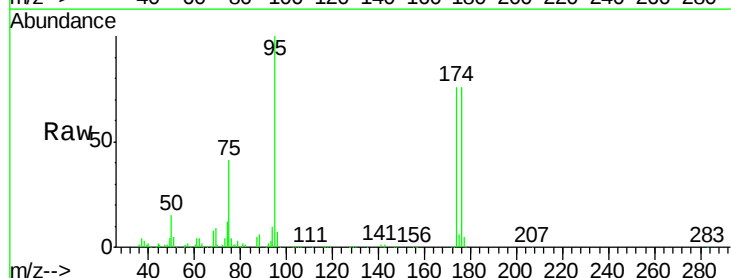


Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF

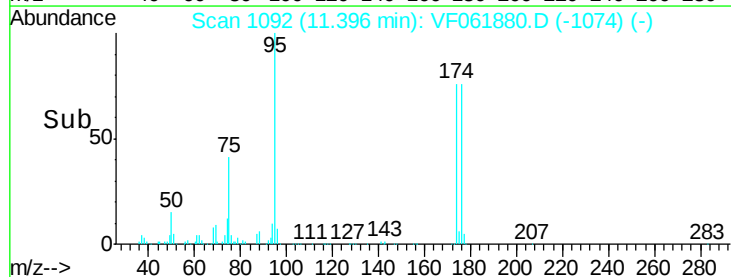
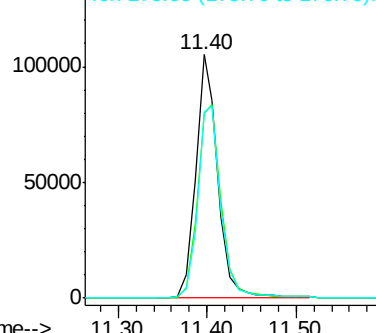


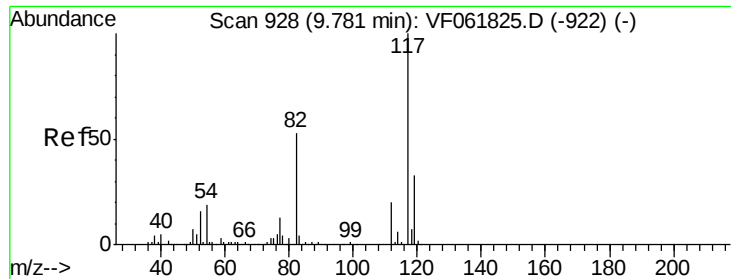
#62
4-Bromofluorobenzene
Concen: 66.765 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061880.D
Acq: 8 Mar 2019 23:35

Tgt Ion: 95 Resp: 182996
Ion Ratio Lower Upper
95 100
174 76.0 0.0 174.0
176 76.4 0.0 175.2



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

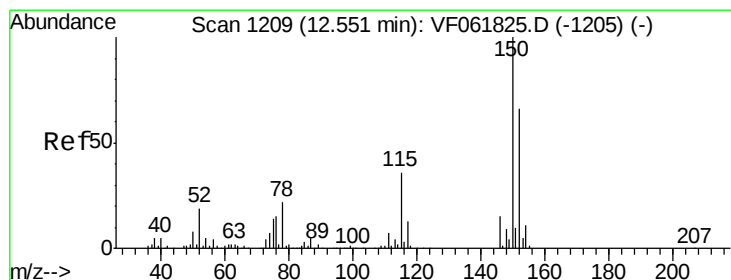
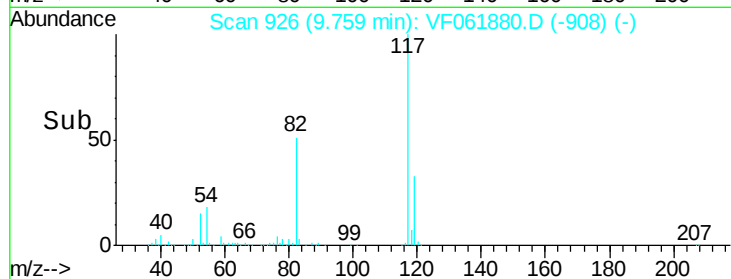
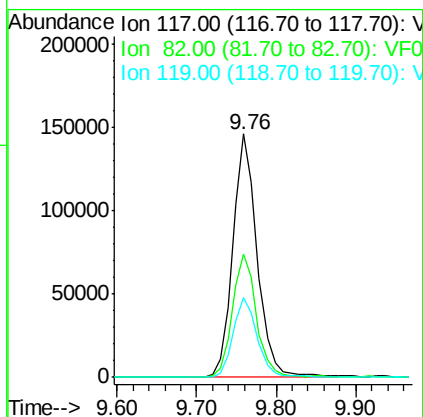
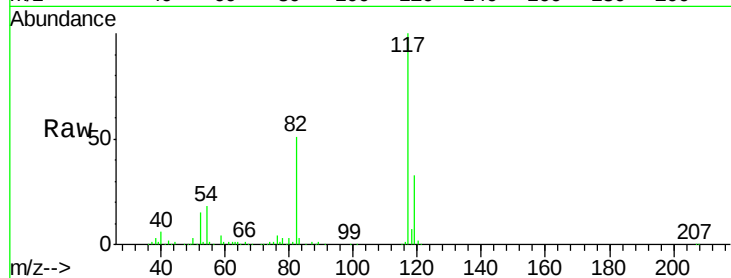




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061880.D
Acq: 8 Mar 2019 23:35

Instrument :
MSVOA_F
ClientSampleId :
TP-13

Tot Ion:117 Resp: 310790
Ion Ratio Lower Upper
117 100
82 50.6 42.6 63.8
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061880.D
Acq: 8 Mar 2019 23:35

Tgt Ion:152 Resp: 187354
Ion Ratio Lower Upper
152 100
115 50.2 27.7 83.1
150 145.8 0.0 304.2

