

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061879.D
 Acq On : 8 Mar 2019 23:06
 Operator : VA/AP
 Sample : K1807-29
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-14

Quant Time: Mar 09 03:16:53 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	4.86	168	48840	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	64025	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	45611	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	20954	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	10163	28.57	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	57.14%	
35) Dibromofluoromethane	4.10	113	18444	41.28	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	82.56%	
50) Toluene-d8	7.54	98	57605	43.38	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	86.76%	
62) 4-Bromofluorobenzene	11.41	95	18901	36.33	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	72.66%	

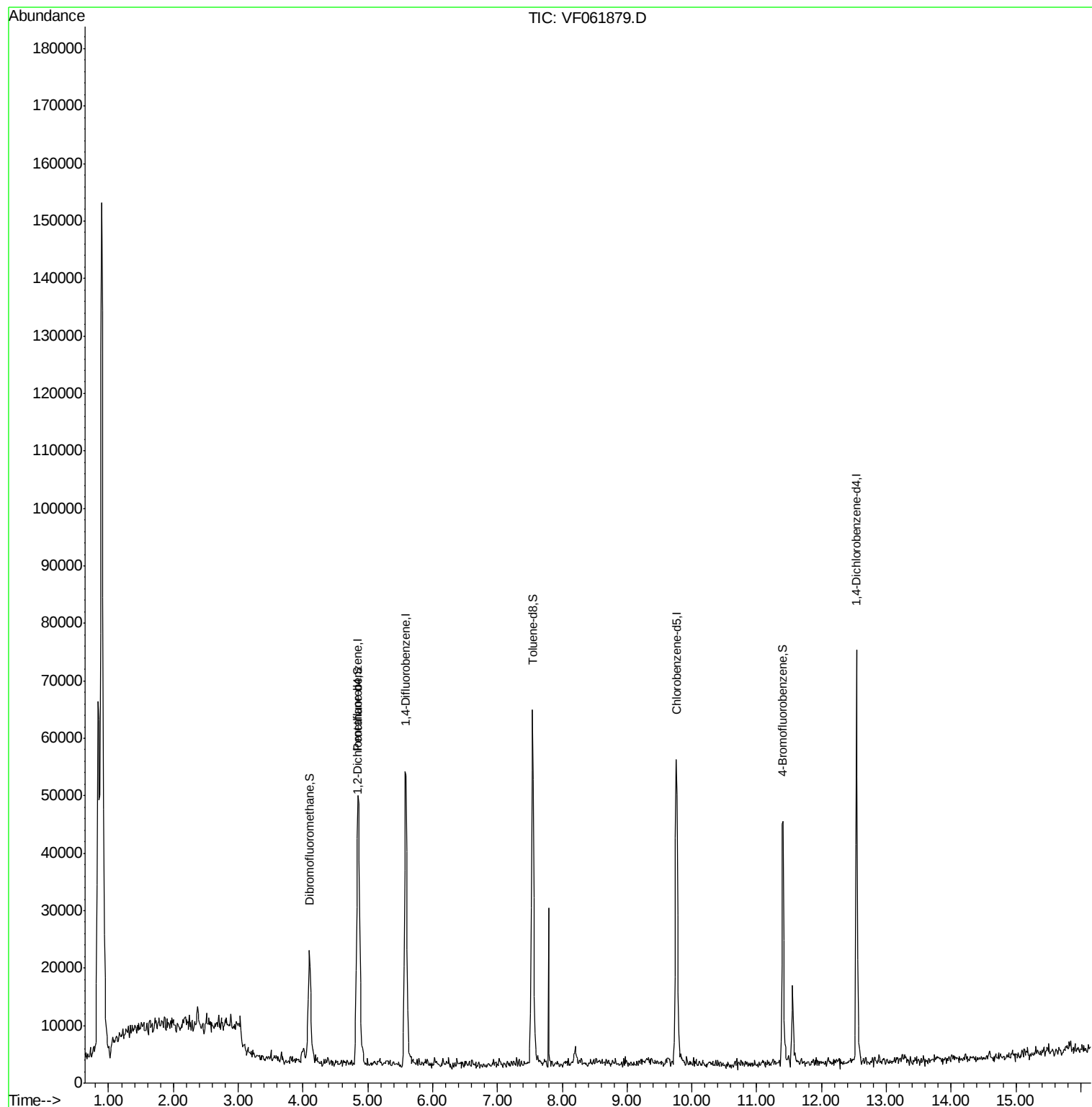
Target Compounds	Qvalue

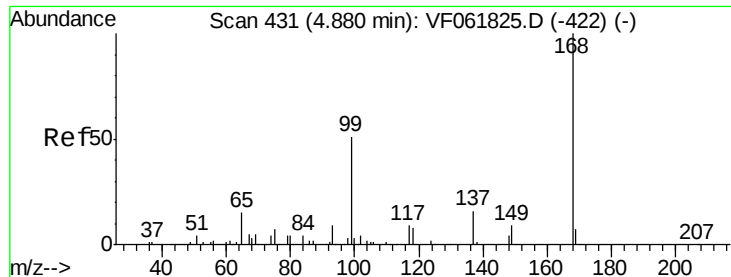
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061879.D

Acq: 8 Mar 2019 23:06

Instrument :

MSVOA_F

ClientSampled :

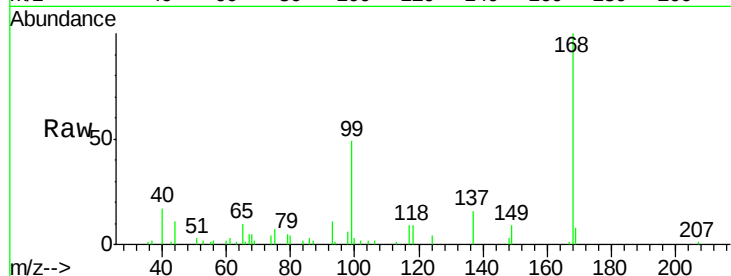
TP-14

Tot Ion:168 Resp: 48840

Ion Ratio Lower Upper

168 100

99 48.6 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

15000

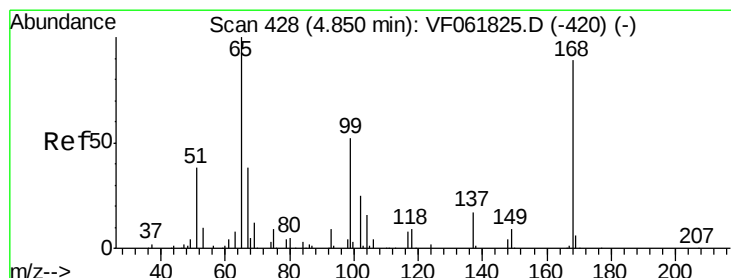
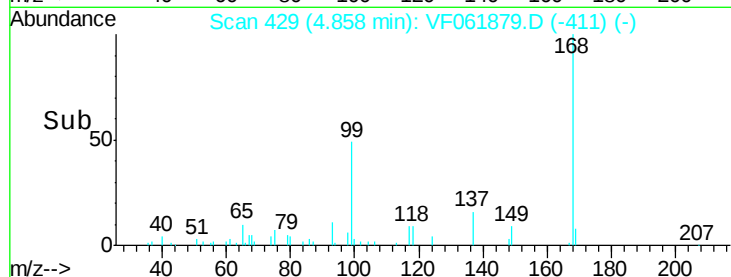
10000

5000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 28.574 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061879.D

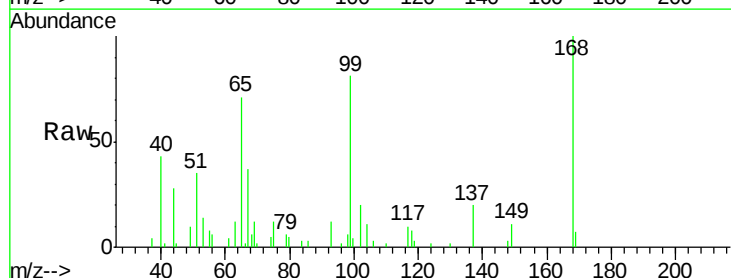
Acq: 8 Mar 2019 23:06

Tgt Ion: 65 Resp: 10163

Ion Ratio Lower Upper

65 100

67 51.9 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

4000

3000

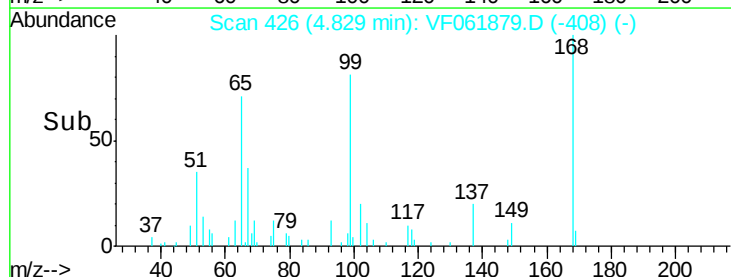
2000

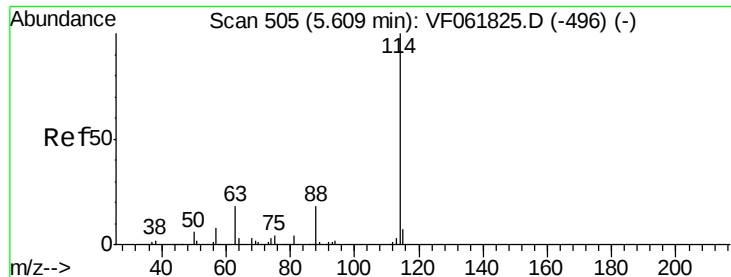
1000

0

Time-->

4.80 4.90





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.02 min

Lab File: VF061879.D

Acq: 8 Mar 2019 23:06

Instrument :

MSVOA_F

ClientSampleId :

TP-14

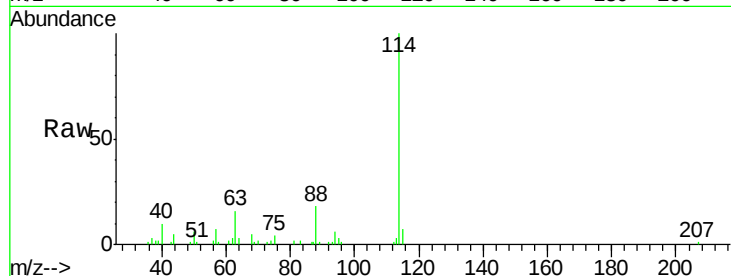
Tot Ion:114 Resp: 64025

Ion Ratio Lower Upper

114 100

63 15.8 0.0 35.6

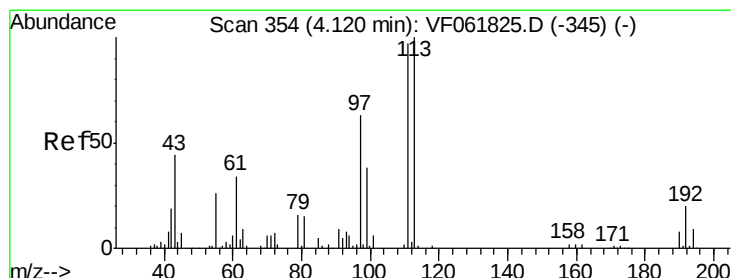
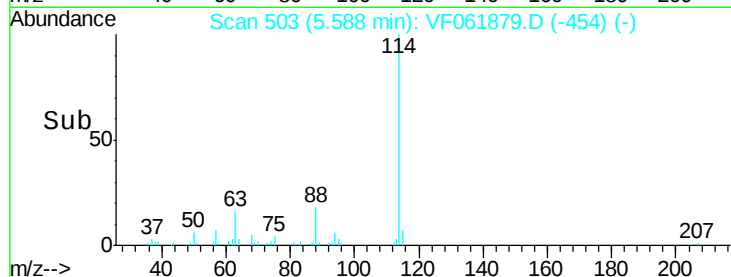
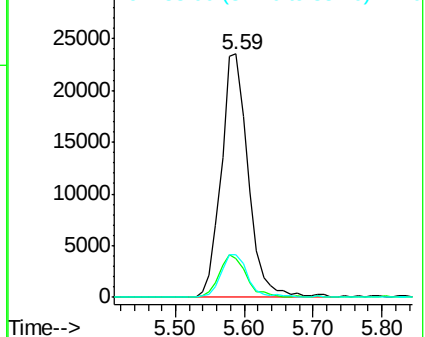
88 17.8 0.0 35.6



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: 41.279 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061879.D

Acq: 8 Mar 2019 23:06

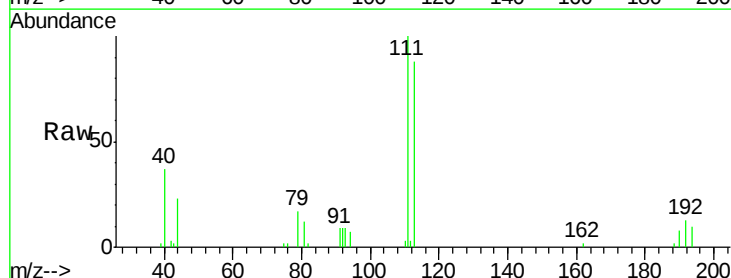
Tgt Ion:113 Resp: 18444

Ion Ratio Lower Upper

113 100

111 113.9 77.6 116.4

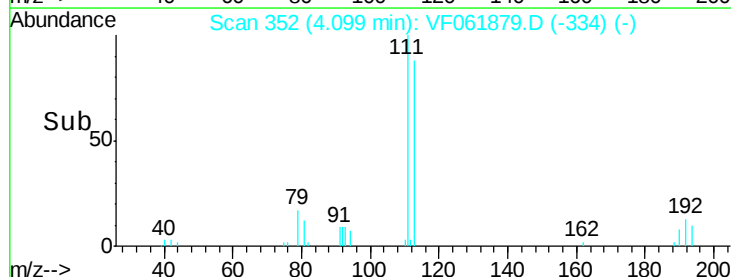
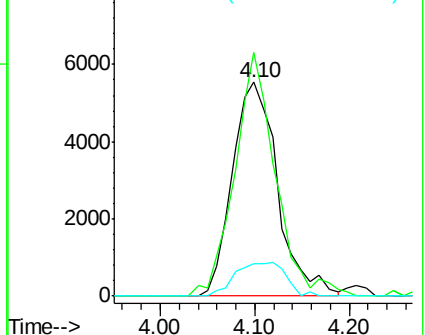
192 15.0 15.9 23.9#

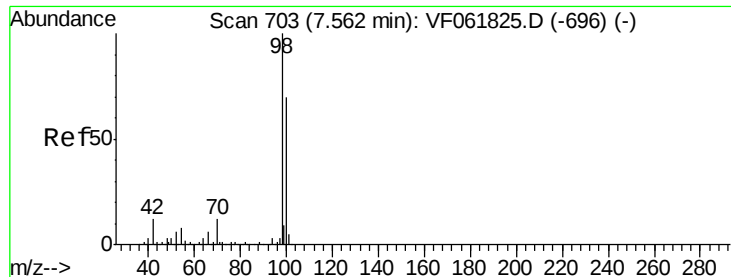


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

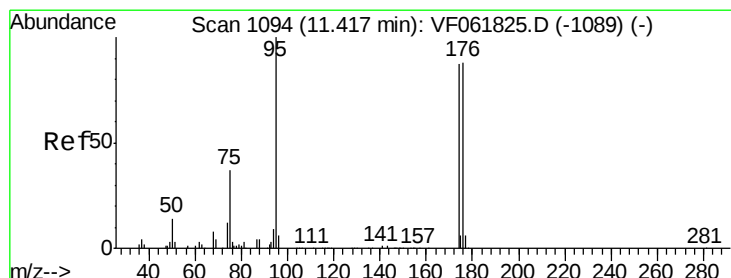
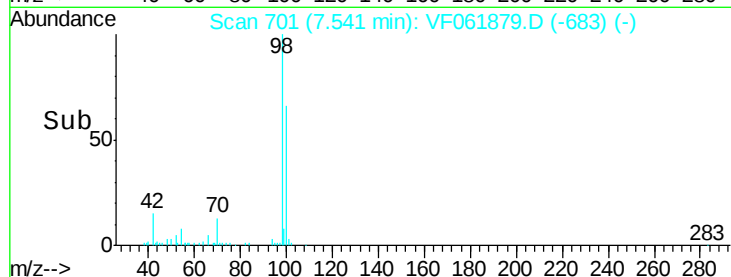
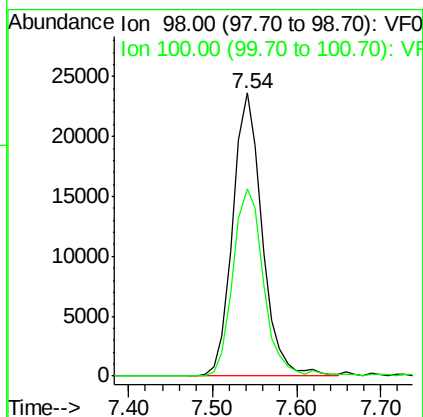
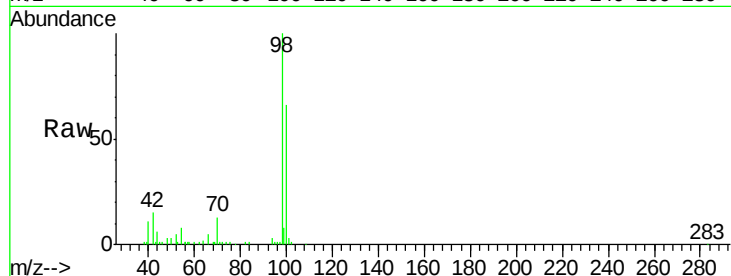




#50
Toluene-d8
Concen: 43.375 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061879.D
Acq: 8 Mar 2019 23:06

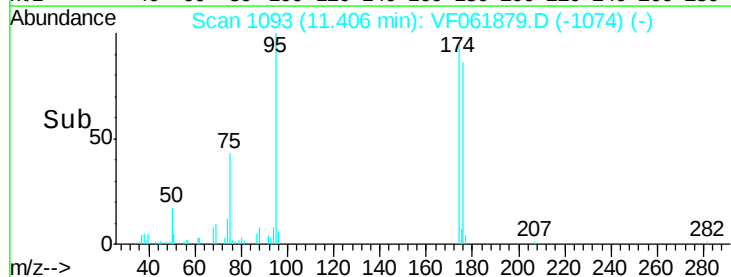
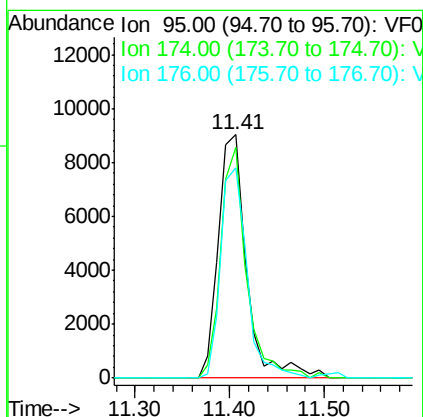
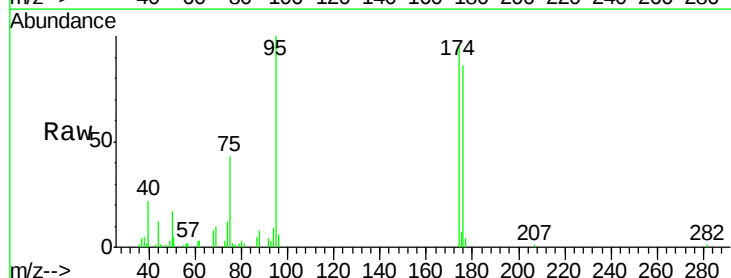
Instrument :
MSVOA_F
ClientSampled :
TP-14

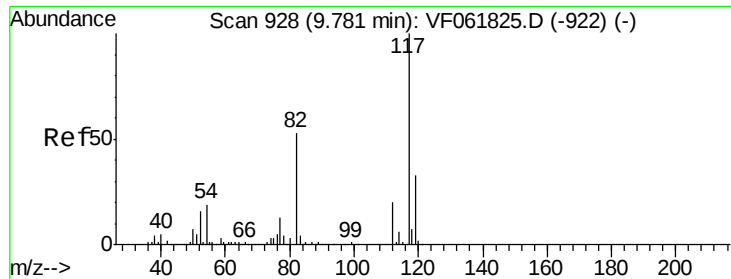
Tot Ion: 98 Resp: 57605
Ion Ratio Lower Upper
98 100
100 66.2 56.0 84.0



#62
4-Bromofluorobenzene
Concen: 36.332 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061879.D
Acq: 8 Mar 2019 23:06

Tgt Ion: 95 Resp: 18901
Ion Ratio Lower Upper
95 100
174 95.0 0.0 174.0
176 86.2 0.0 175.2

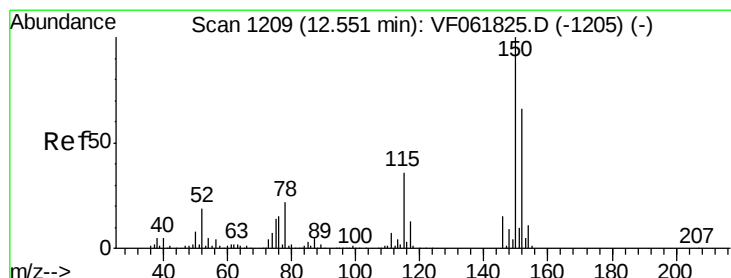
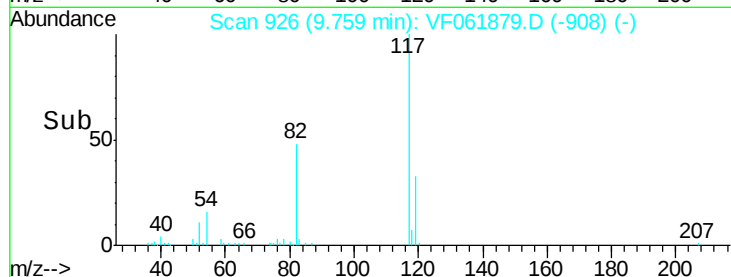
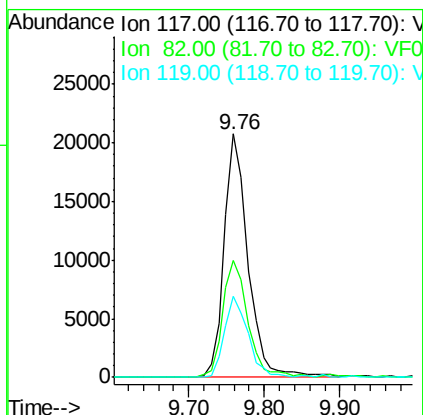
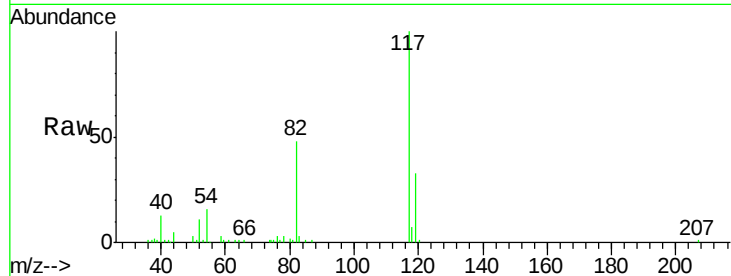




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061879.D
Acq: 8 Mar 2019 23:06

Instrument :
MSVOA_F
ClientSampled :
TP-14

Tot Ion:117 Resp: 45611
Ion Ratio Lower Upper
117 100
82 48.1 42.6 63.8
119 33.1 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: VF061879.D
Acq: 8 Mar 2019 23:06

Tgt Ion:152 Resp: 20954
Ion Ratio Lower Upper
152 100
115 54.4 27.7 83.1
150 158.0 0.0 304.2

