

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062110.D
 Acq On : 23 Mar 2019 6:46
 Operator : VA/AP
 Sample : K2056-04
 Misc : 9.20g/5mL/MSVOA-F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-10

Quant Time: Mar 25 03:14:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	55309	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.61	114	69567	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	46375	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	18242	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	10814	26.29	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	52.58%	
35) Dibromofluoromethane	4.12	113	15905	33.80	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	67.60%	
50) Toluene-d8	7.56	98	53746	38.26	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	76.52%	
62) 4-Bromofluorobenzene	11.42	95	16398	30.24	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	60.48%	

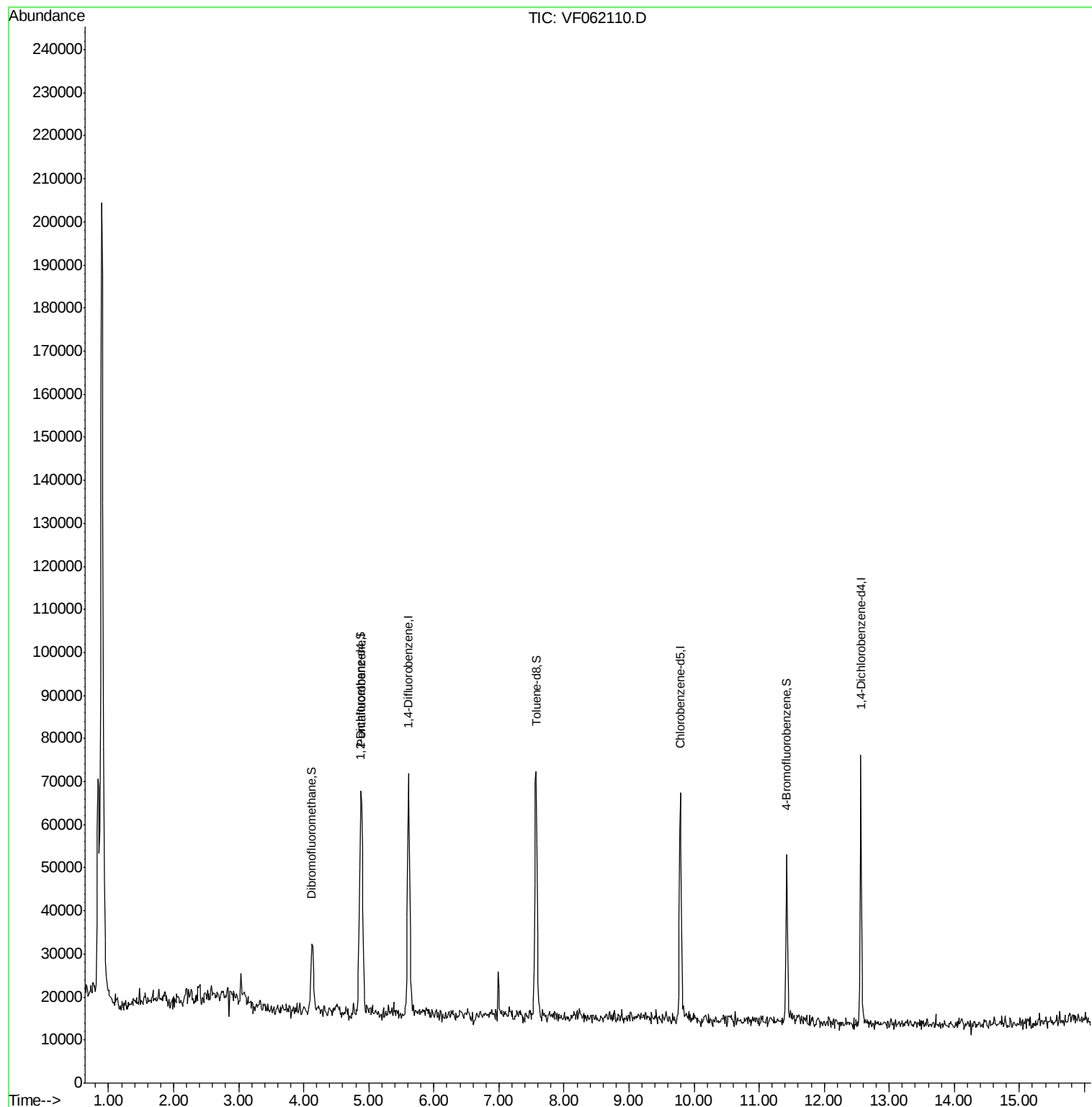
Target Compounds	Qvalue

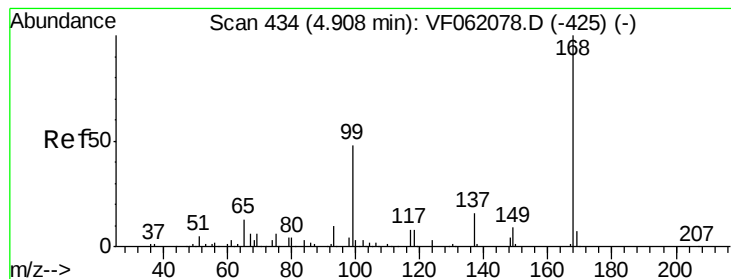
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

Lab File: VF062110.D

Acq: 23 Mar 2019 6:46

Instrument :

MSVOA_F

ClientSampleId :

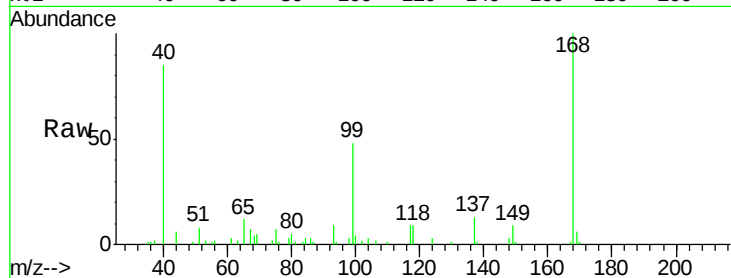
CS-10

Tot Ion:168 Resp: 55309

Ion Ratio Lower Upper

168 100

99 48.2 38.2 57.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

15000

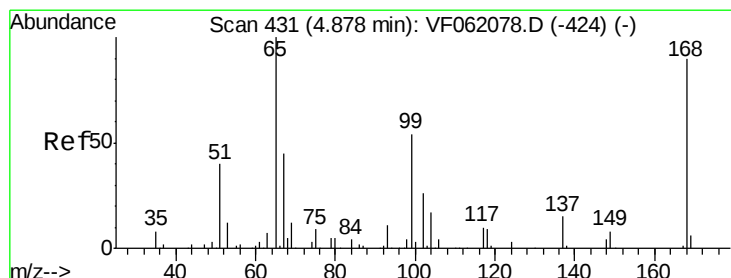
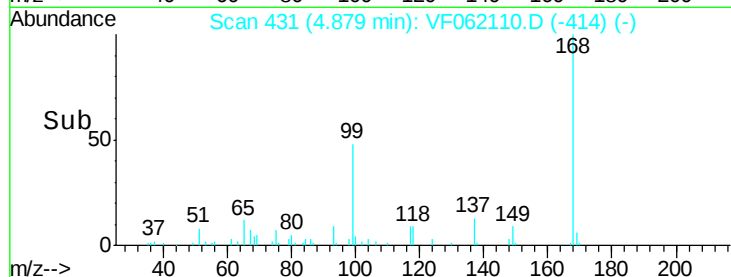
10000

5000

0

Time-->

4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 26.286 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF062110.D

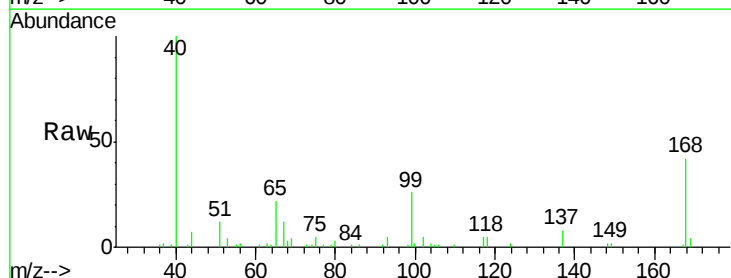
Acq: 23 Mar 2019 6:46

Tgt Ion: 65 Resp: 10814

Ion Ratio Lower Upper

65 100

67 58.0 0.0 106.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

4000

3000

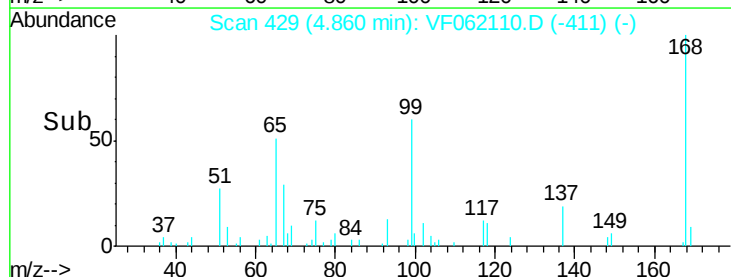
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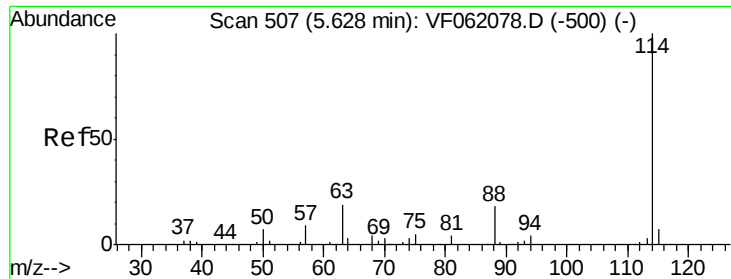
1000

0

Time-->

4.80 4.90 5.00

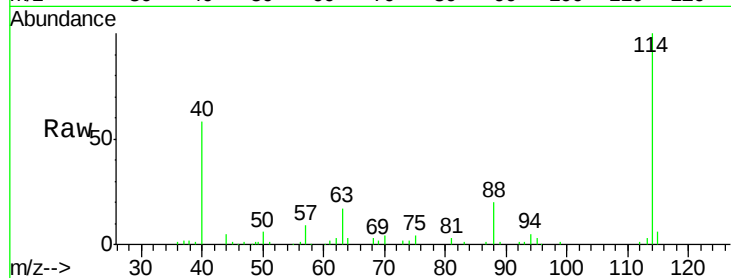




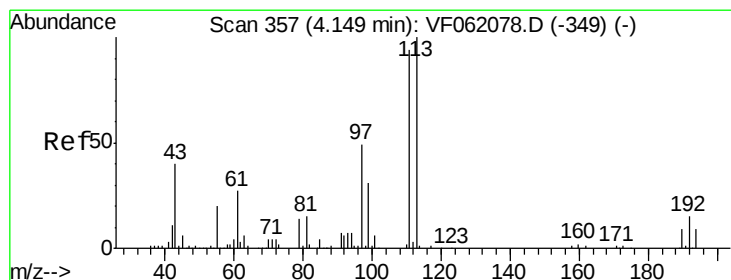
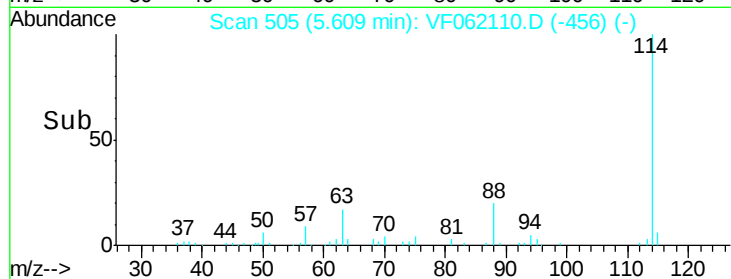
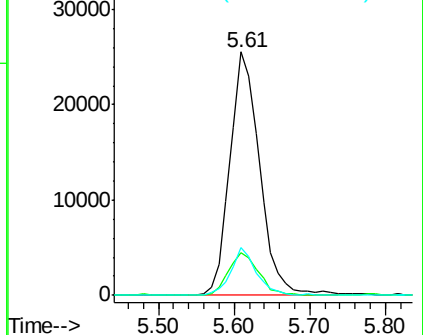
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: VF062110.D
 Acq: 23 Mar 2019 6:46

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-10

Tot Ion:114 Resp: 69567
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 37.8
 88 19.5 0.0 36.4

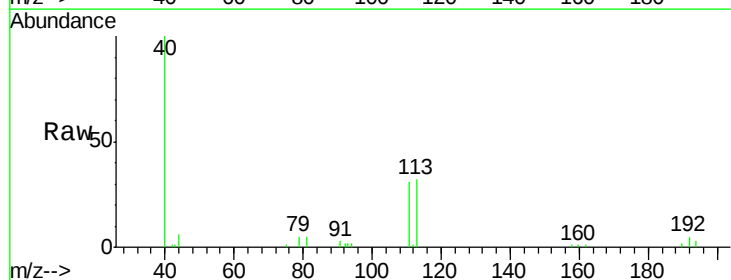


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

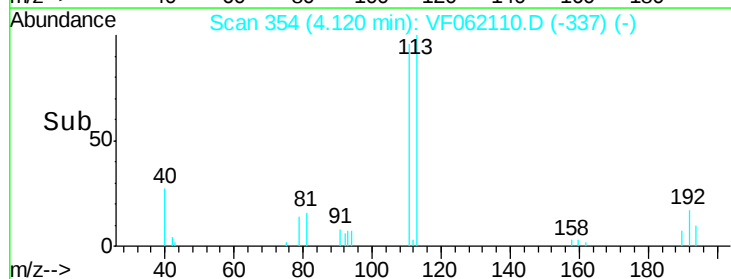
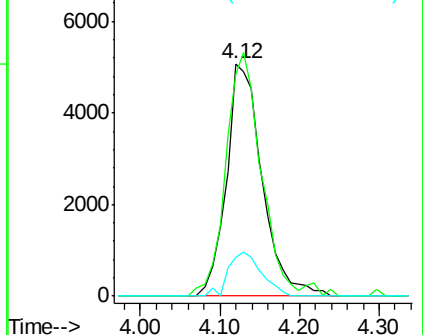


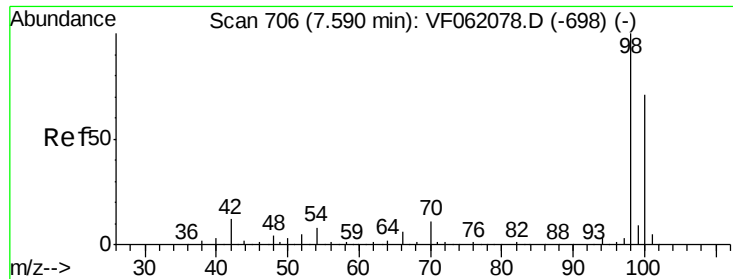
#35
 Dibromofluoromethane
 Concen: 33.798 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.03 min
 Lab File: VF062110.D
 Acq: 23 Mar 2019 6:46

Tgt Ion:113 Resp: 15905
 Ion Ratio Lower Upper
 113 100
 111 95.9 75.4 113.0
 192 16.6 12.3 18.5



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

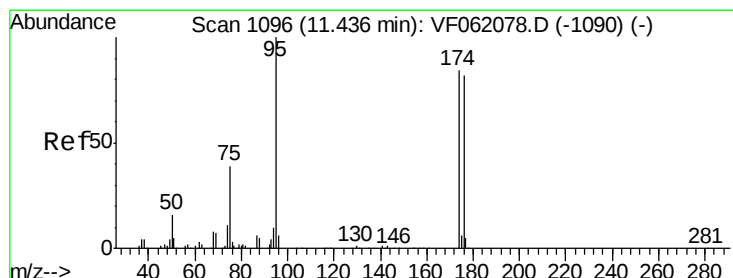
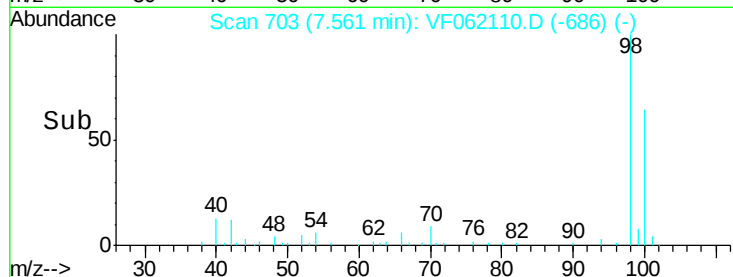
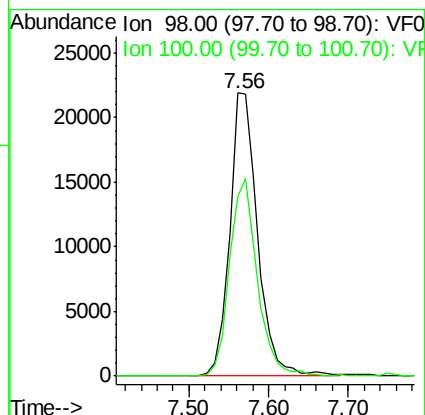
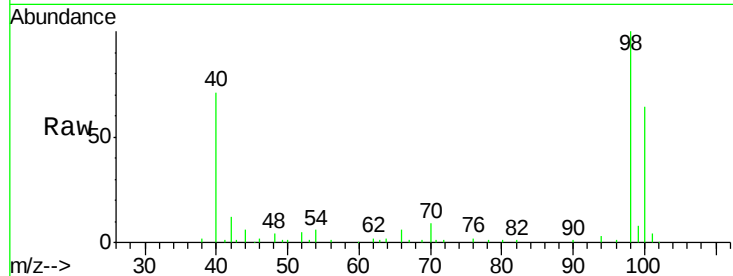




#50
Toluene-d8
Concen: 38.261 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.03 min
Lab File: VF062110.D
Acq: 23 Mar 2019 6:46

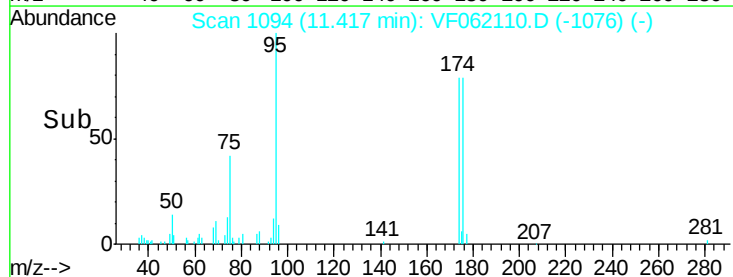
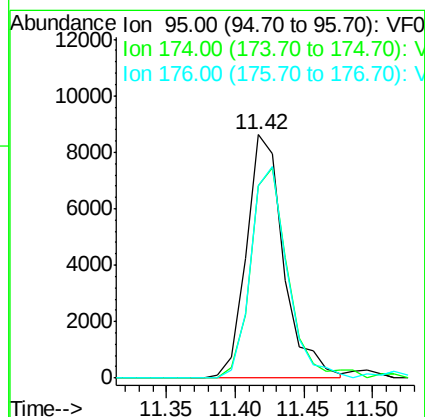
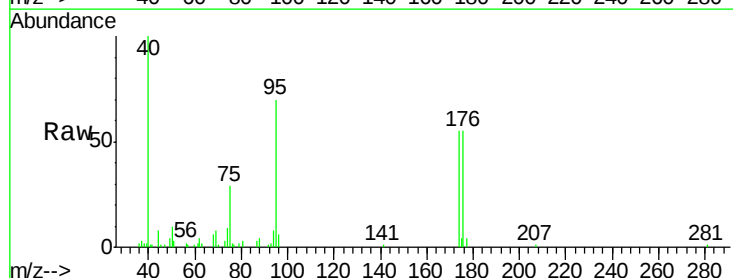
Instrument :
MSVOA_F
ClientSampleId :
CS-10

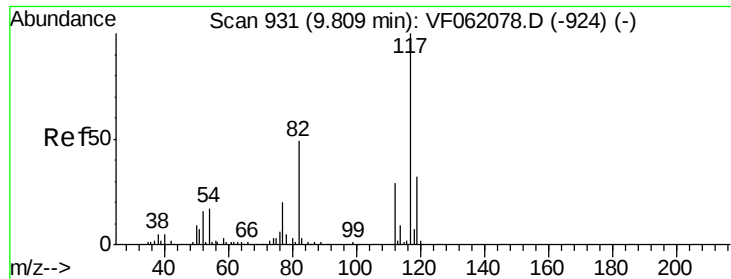
Tot Ion: 98 Resp: 53746
Ion Ratio Lower Upper
98 100
100 63.6 57.0 85.6



#62
4-Bromofluorobenzene
Concen: 30.238 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF062110.D
Acq: 23 Mar 2019 6:46

Tgt Ion: 95 Resp: 16398
Ion Ratio Lower Upper
95 100
174 79.2 0.0 168.2
176 79.2 0.0 164.2

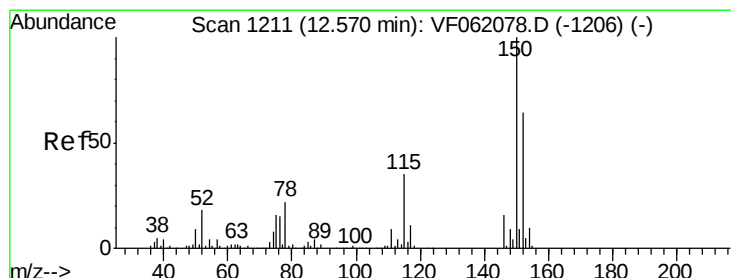
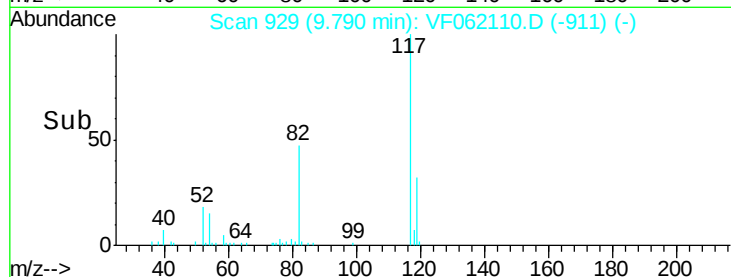
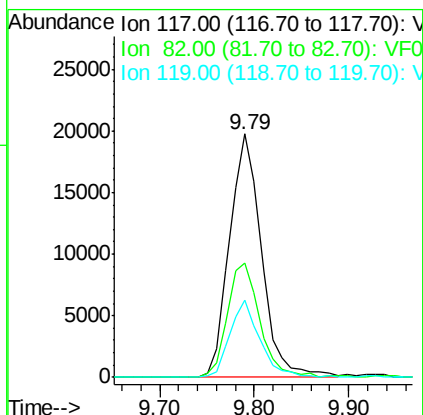
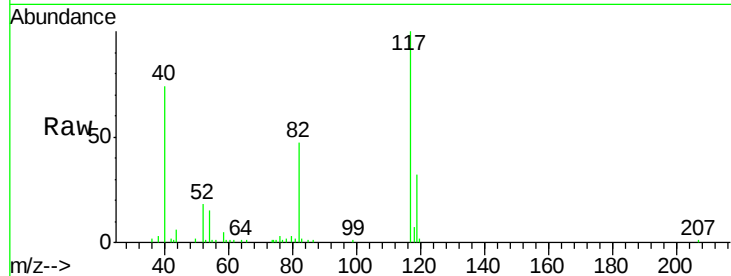




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF062110.D
Acq: 23 Mar 2019 6:46

Instrument :
MSVOA_F
ClientSampled :
CS-10

Tot Ion:117 Resp: 46375
Ion Ratio Lower Upper
117 100
82 46.8 39.2 58.8
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF062110.D
Acq: 23 Mar 2019 6:46

Tgt Ion:152 Resp: 18242
Ion Ratio Lower Upper
152 100
115 47.8 27.7 83.1
150 173.7 0.0 313.2

