

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031519\
 Data File : VF061955.D
 Acq On : 15 Mar 2019 12:15
 Operator : VA/AP
 Sample : VF0315SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0315SBL01

Quant Time: Mar 15 23:31:02 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	4.87	168	296415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	463480	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	388996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	222819	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	115267	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
35) Dibromofluoromethane	4.12	113	165453	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	7.56	98	428697	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	
62) 4-Bromofluorobenzene	11.42	95	179806	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	

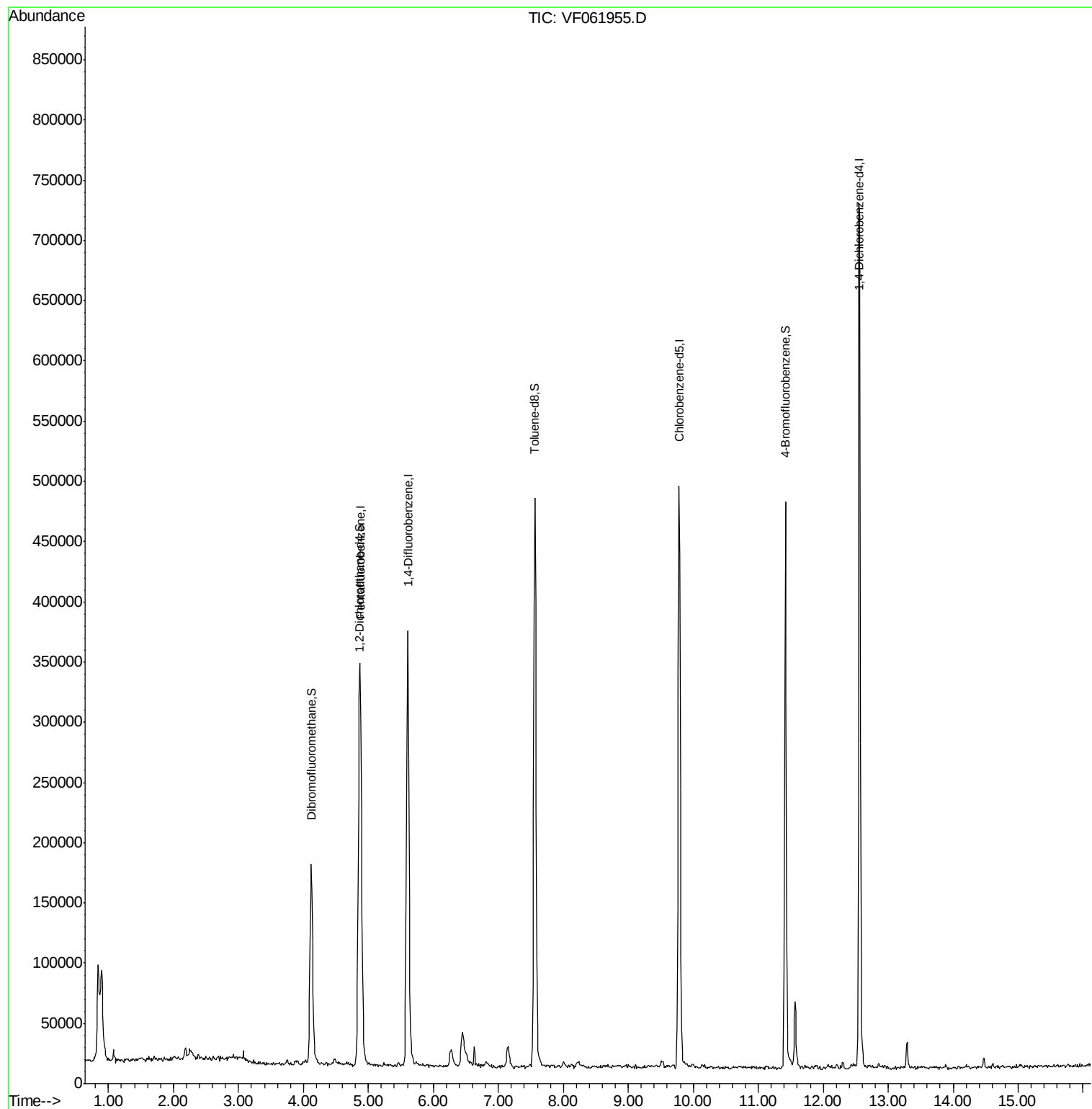
Target Compounds	Qvalue

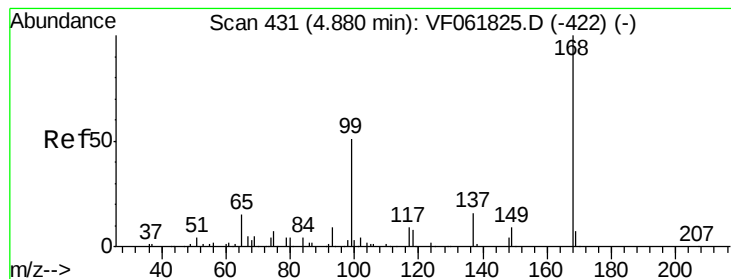
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061955.D

Acq: 15 Mar 2019 12:15

Instrument :

MSVOA_F

ClientSampleId :

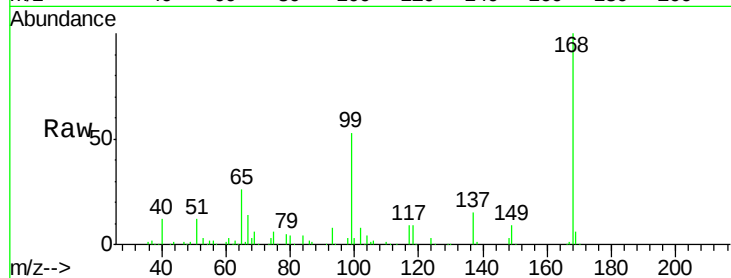
VF0315SBL01

Tot Ion:168 Resp: 296415

Ion Ratio Lower Upper

168 100

99 53.4 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.87

100000

80000

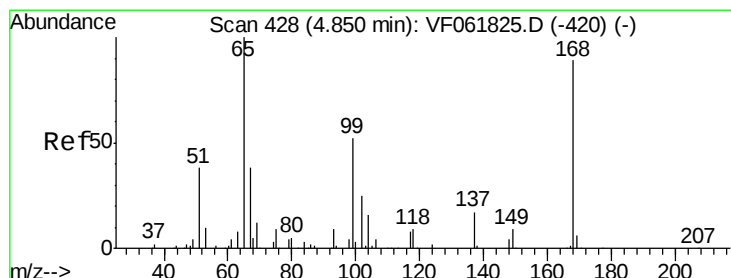
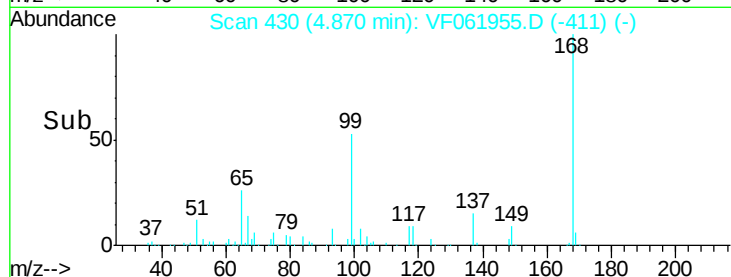
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 53.398 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.00 min

Lab File: VF061955.D

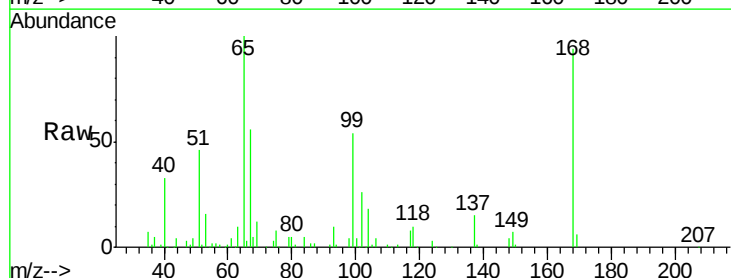
Acq: 15 Mar 2019 12:15

Tgt Ion: 65 Resp: 115267

Ion Ratio Lower Upper

65 100

67 56.1 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

40000

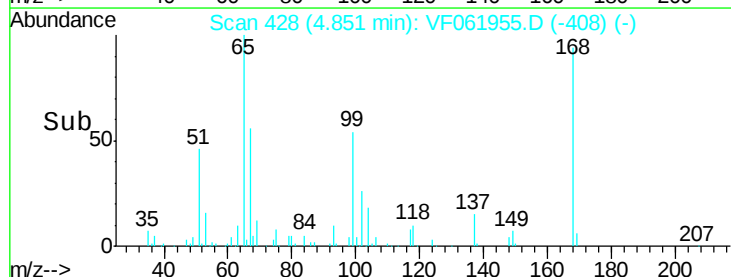
30000

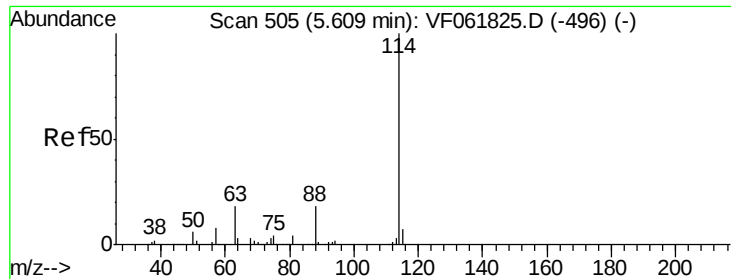
20000

10000

0

Time--> 4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.00 min

Lab File: VF061955.D

Acq: 15 Mar 2019 12:15

Instrument :

MSVOA_F

ClientSampleId :

VF0315SBL01

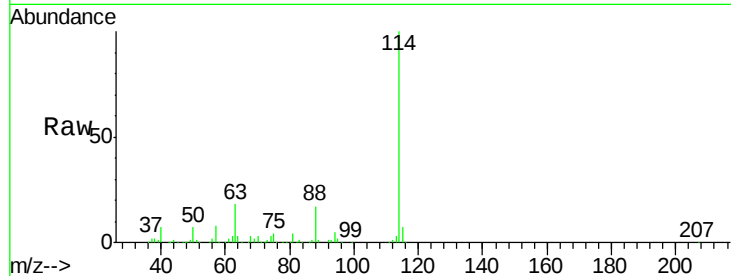
Tot Ion:114 Resp: 463480

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.6

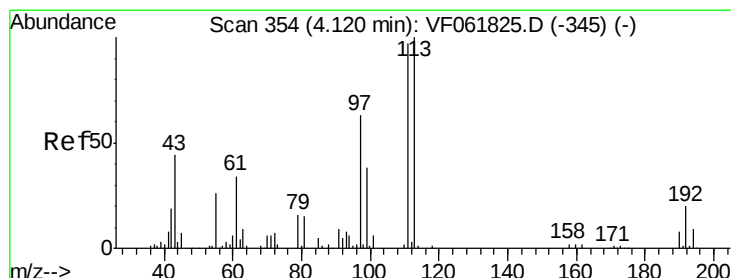
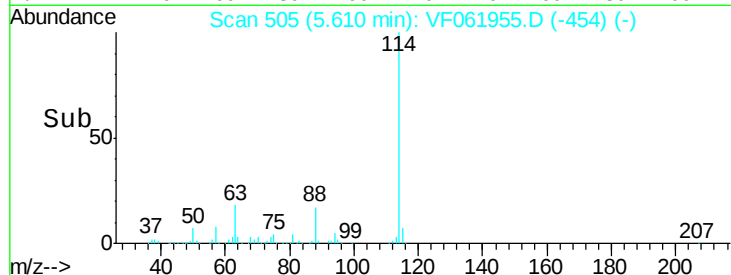
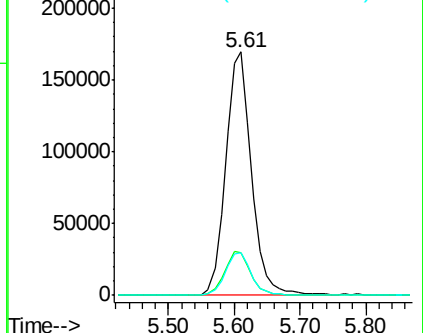
88 17.4 0.0 35.6



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: 51.153 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.00 min

Lab File: VF061955.D

Acq: 15 Mar 2019 12:15

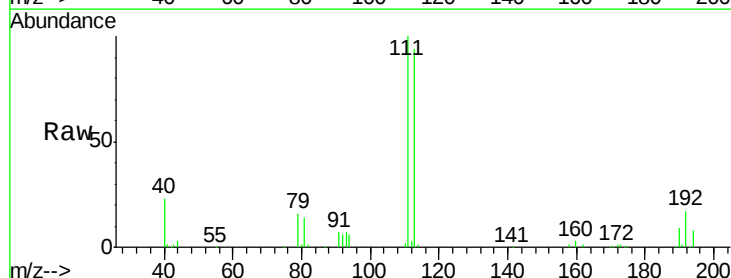
Tgt Ion:113 Resp: 165453

Ion Ratio Lower Upper

113 100

111 106.7 77.6 116.4

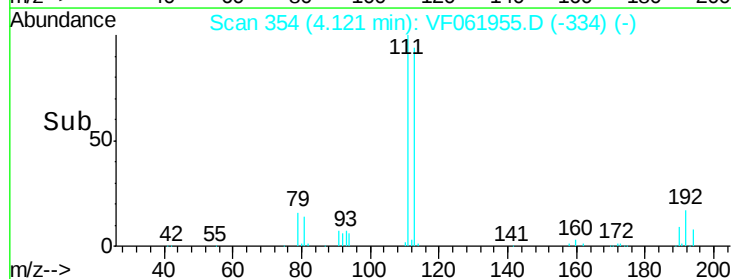
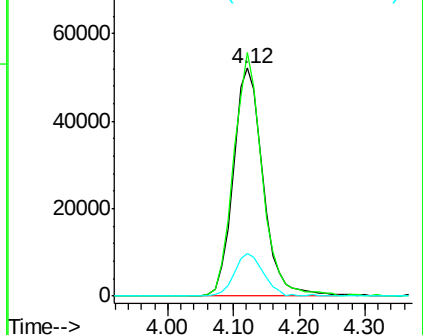
192 19.0 15.9 23.9

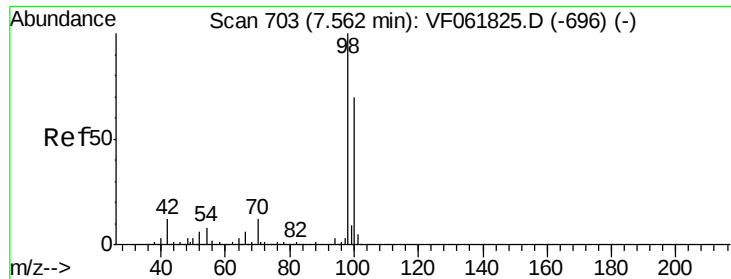


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

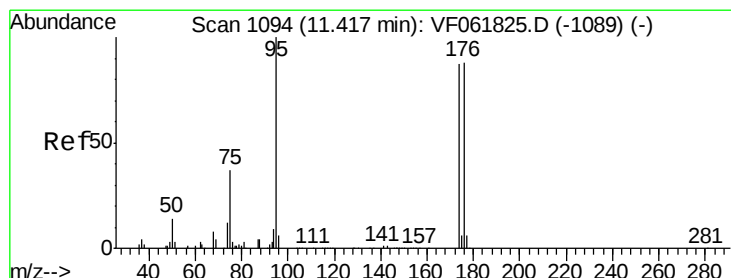
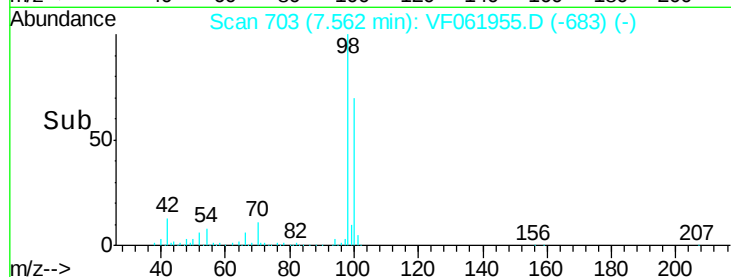
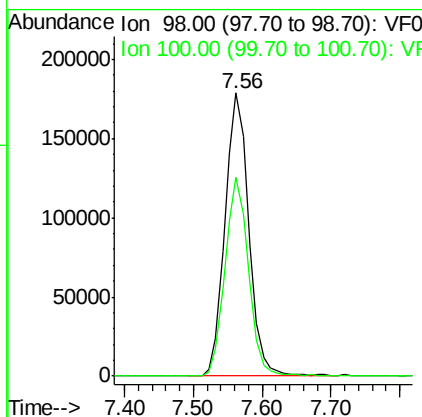
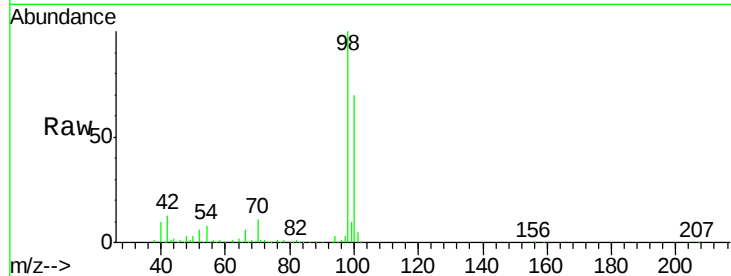




#50
Toluene-d8
Concen: 44.592 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061955.D
Acq: 15 Mar 2019 12:15

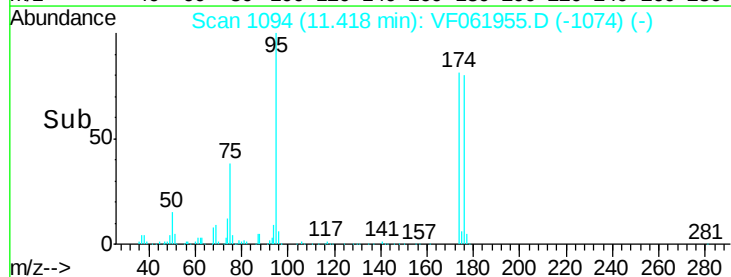
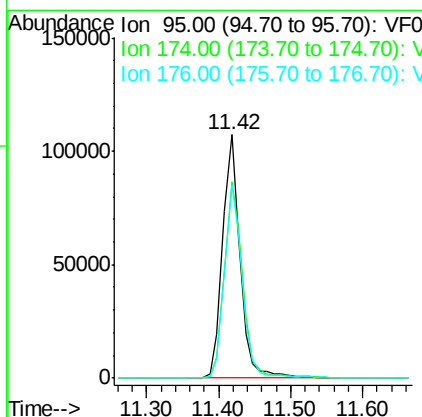
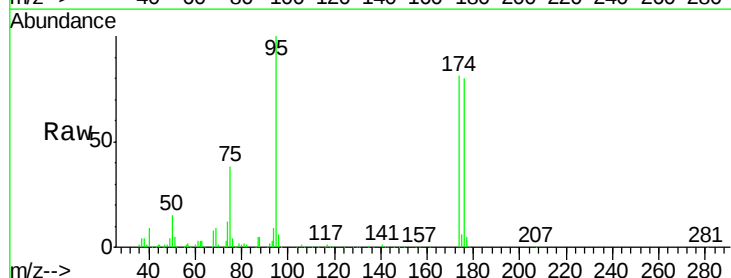
Instrument :
MSVOA_F
ClientSampleId :
VF0315SBL01

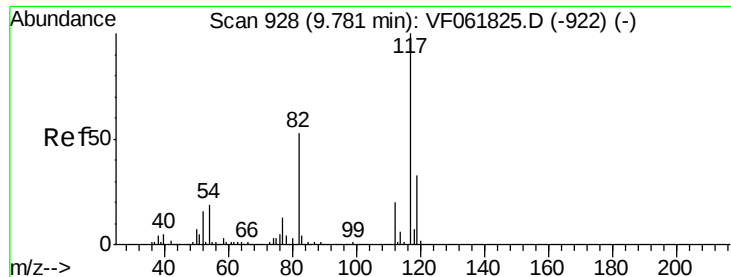
Tot Ion: 98 Resp: 428697
Ion Ratio Lower Upper
98 100
100 70.4 56.0 84.0



#62
4-Bromofluorobenzene
Concen: 47.745 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061955.D
Acq: 15 Mar 2019 12:15

Tgt Ion: 95 Resp: 179806
Ion Ratio Lower Upper
95 100
174 80.8 0.0 174.0
176 79.5 0.0 175.2

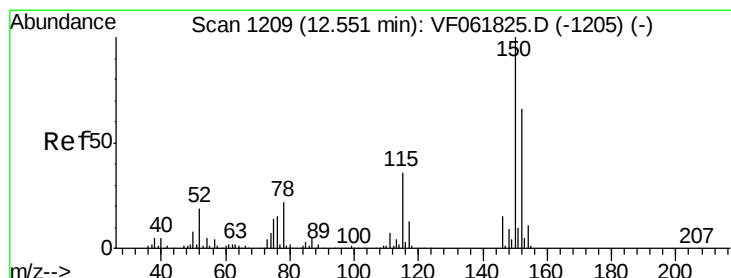
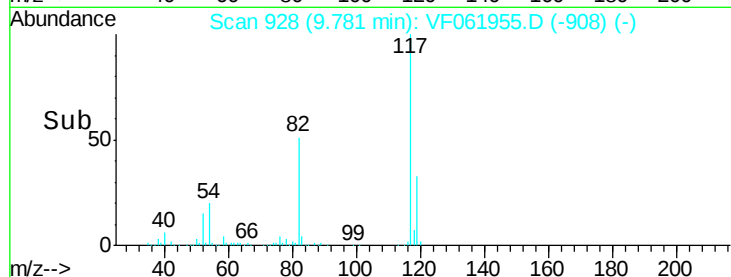
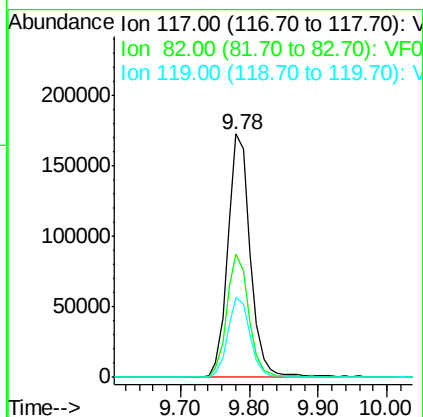
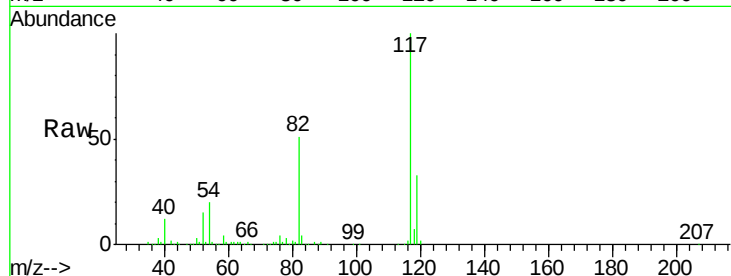




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF061955.D
Acq: 15 Mar 2019 12:15

Instrument :
MSVOA_F
ClientSampleId :
VF0315SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.6	63.8
119	32.9	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF061955.D
Acq: 15 Mar 2019 12:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.5	27.7	83.1
150	151.9	0.0	304.2

