

Data File : VF062458.D
Acq On : 11 May 2019 14:20
Operator : FY/SY
Sample : K2754-05
Misc : 5.03g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
C-1

Quant Time: May 12 04:15:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	282042	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	388575	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	308751	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	186704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	123992	46.52	ug/l	0.02
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	4.31	113	145728	47.07	ug/l	0.01
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	7.72	98	319967	42.70	ug/l	0.01
Spiked Amount	50.000		Recovery	=	85.40%	
62) 4-Bromofluorobenzene	11.50	95	136711	40.44	ug/l	0.01
Spiked Amount	50.000		Recovery	=	80.88%	

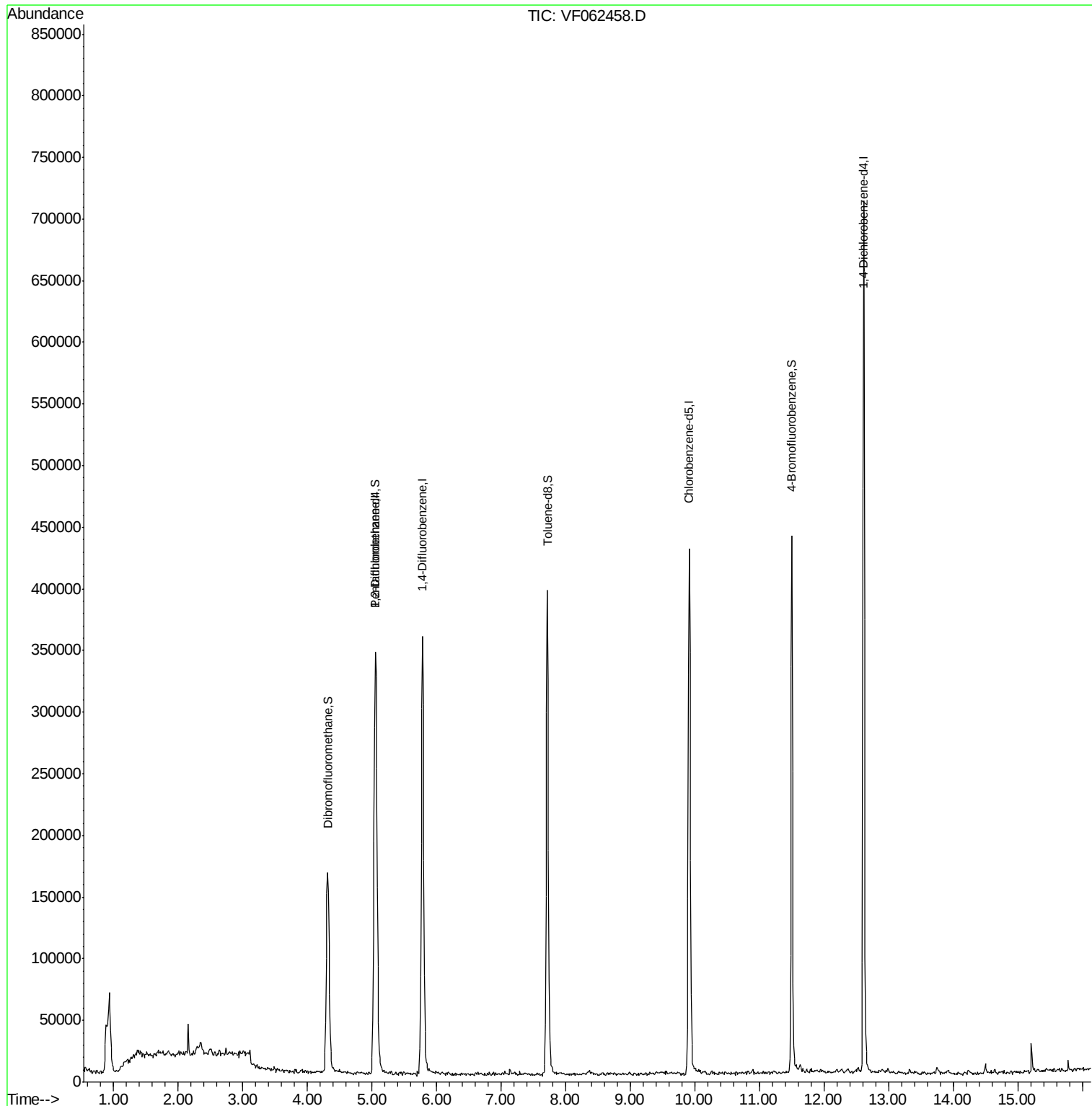
Target Compounds	Qvalue
-----	-----

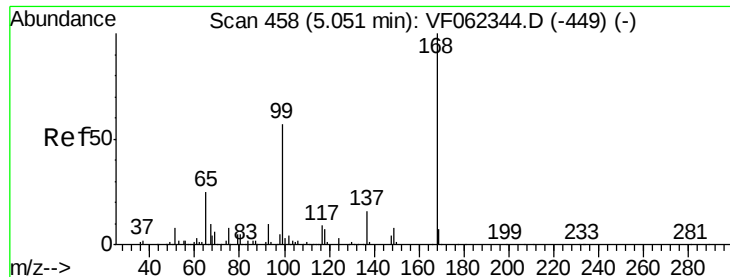
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VF062458.D
Acq On : 11 May 2019 14:20
Operator : FY/SY
Sample : K2754-05
Misc : 5.03g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
C-1

Quant Time: May 12 04:15:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062458.D

Acq: 11 May 2019 14:20

Instrument :

MSVOA_F

ClientSampled :

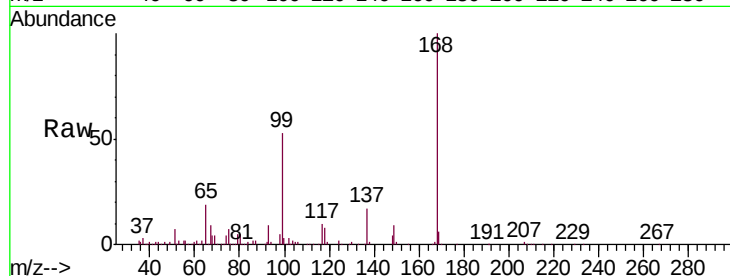
C-1

Tgt Ion:168 Resp: 282042

Ion Ratio Lower Upper

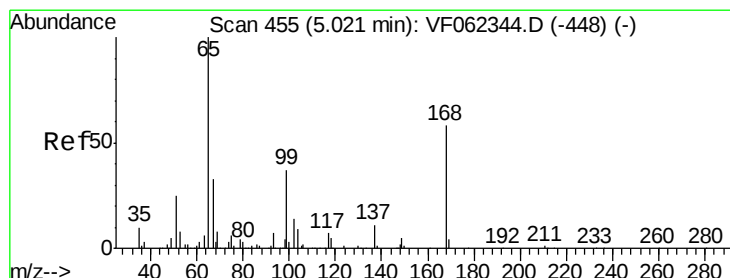
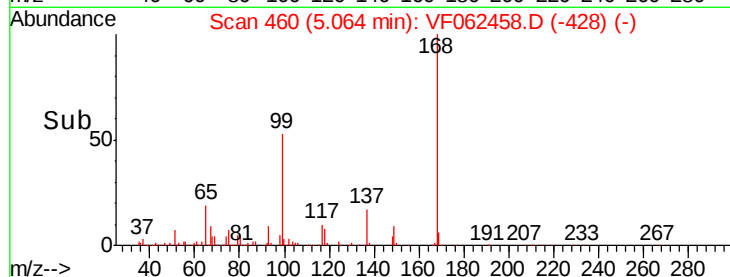
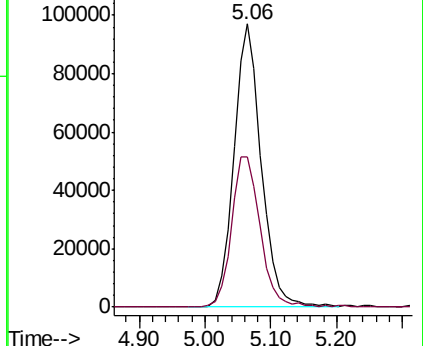
168 100

99 52.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 46.519 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062458.D

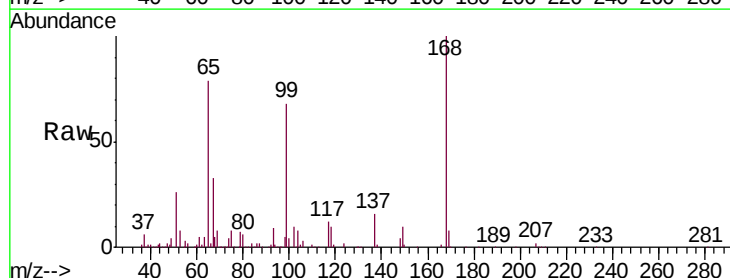
Acq: 11 May 2019 14:20

Tgt Ion: 65 Resp: 123992

Ion Ratio Lower Upper

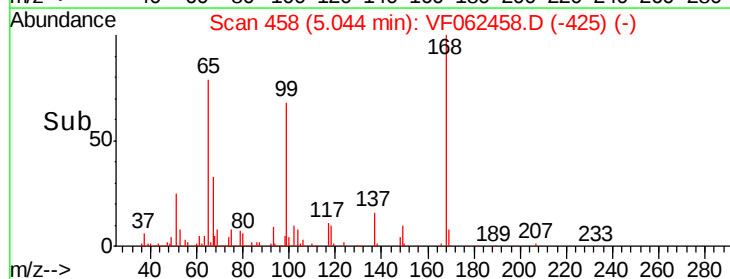
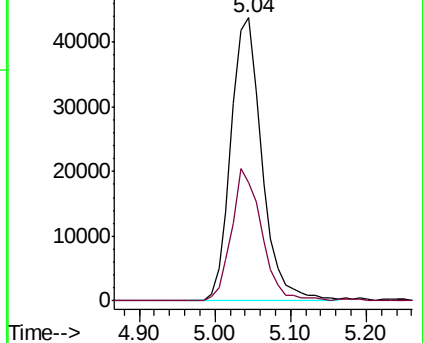
65 100

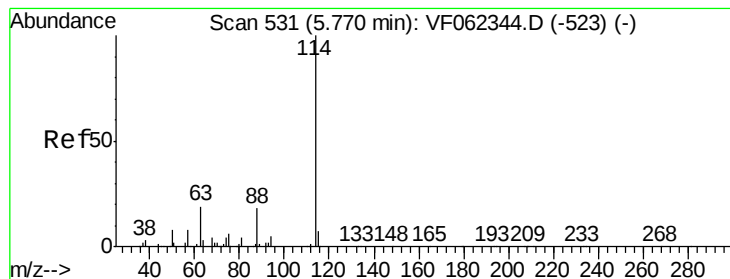
67 45.5 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF062458.D

Acq: 11 May 2019 14:20

Instrument :

MSVOA_F

ClientSampleId :

C-1

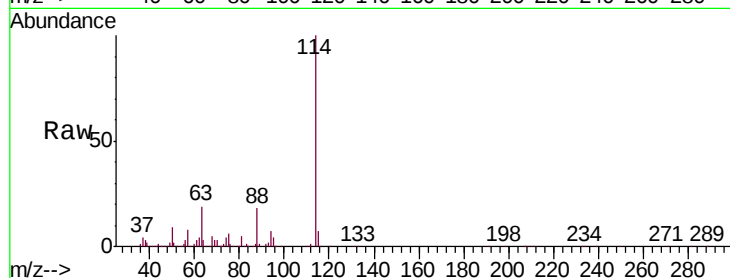
Tgt Ion:114 Resp: 388575

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

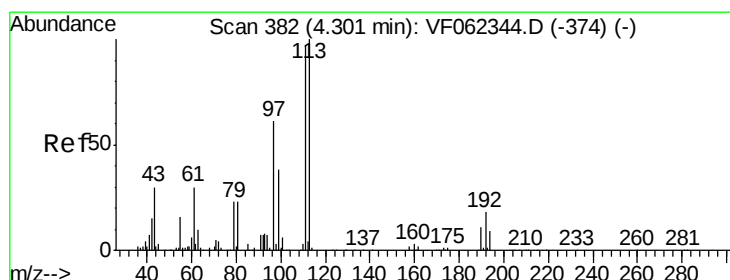
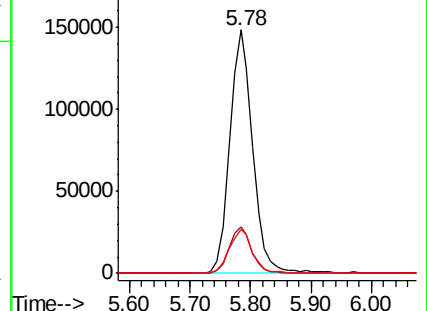
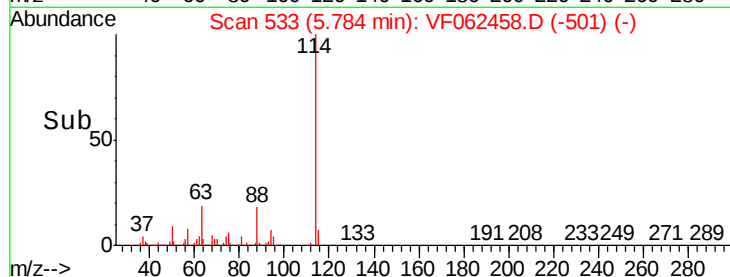
88 18.0 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 47.074 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062458.D

Acq: 11 May 2019 14:20

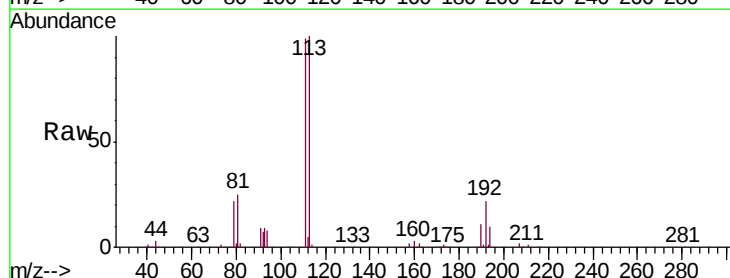
Tgt Ion:113 Resp: 145728

Ion Ratio Lower Upper

113 100

111 102.9 79.4 119.0

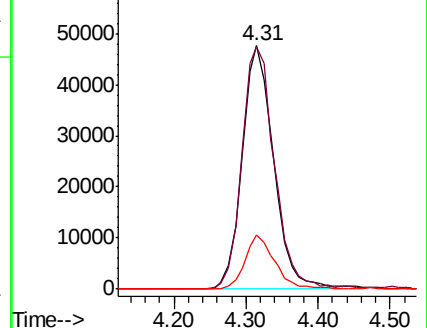
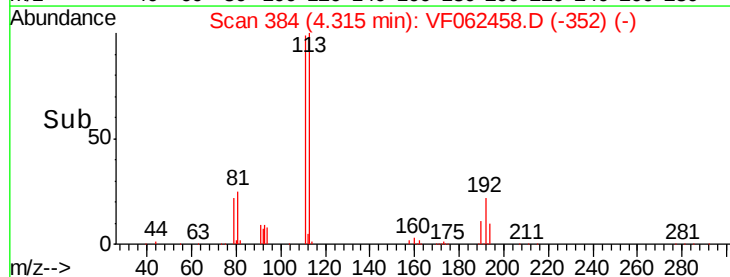
192 21.0 16.0 24.0

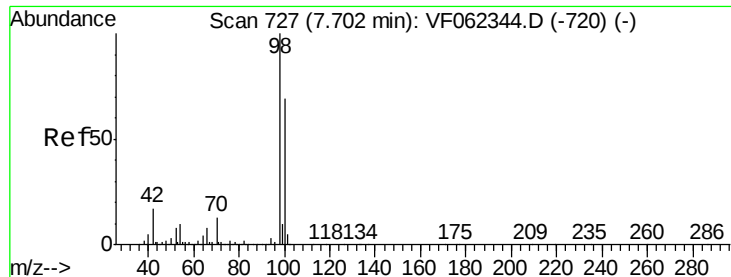


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

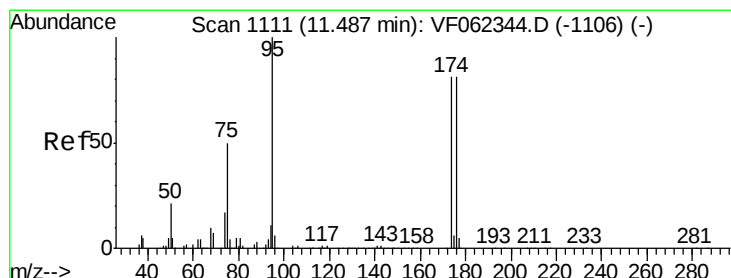
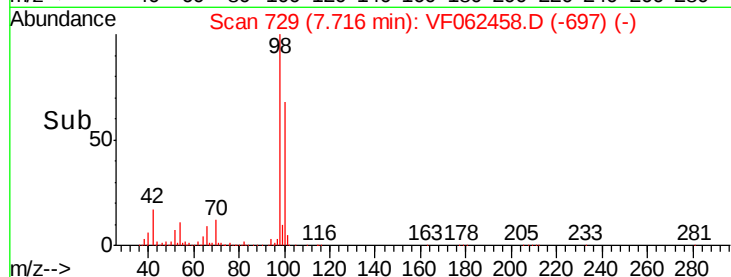
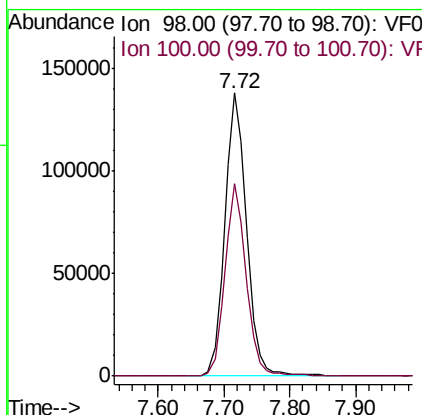
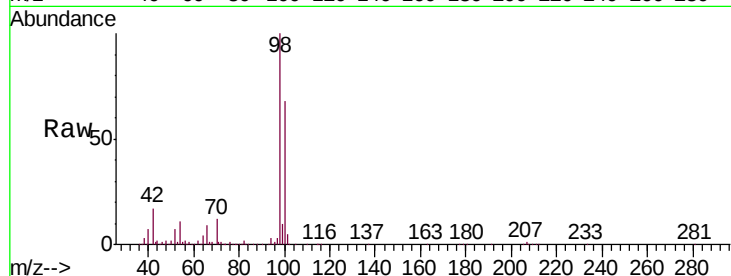




#50
Toluene-d8
Concen: 42.698 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062458.D
Acq: 11 May 2019 14:20

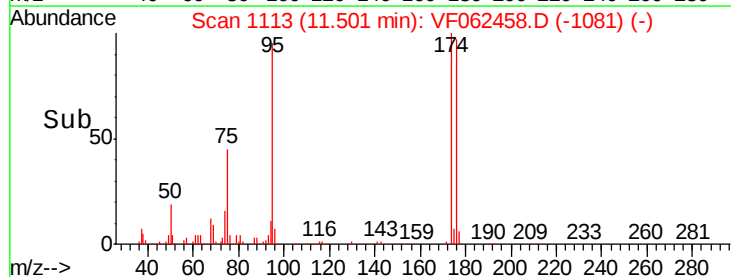
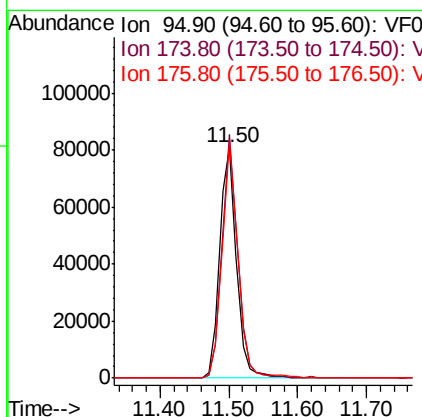
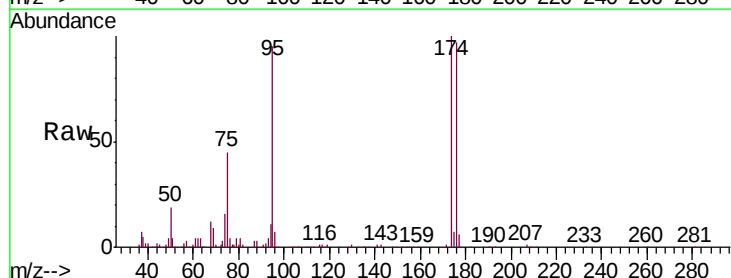
Instrument :
MSVOA_F
ClientSampleId :
C-1

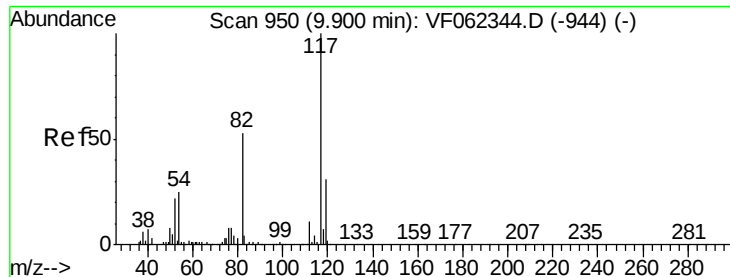
Tgt Ion: 98 Resp: 319967
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 40.437 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062458.D
Acq: 11 May 2019 14:20

Tgt Ion: 95 Resp: 136711
Ion Ratio Lower Upper
95 100
174 100.4 0.0 191.8
176 98.9 0.0 193.2

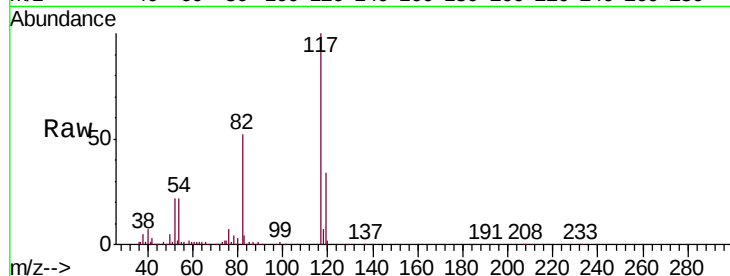




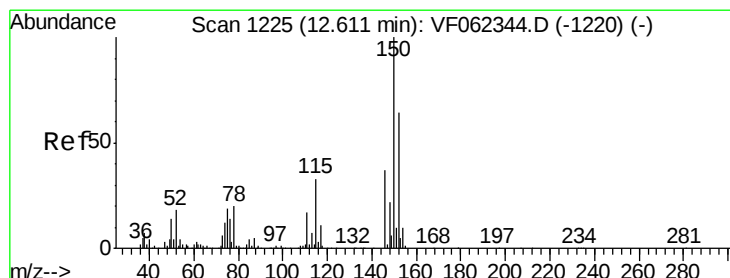
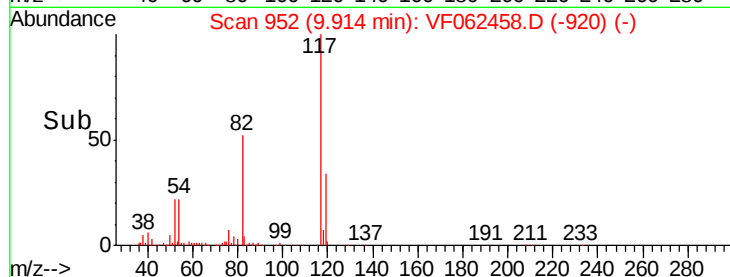
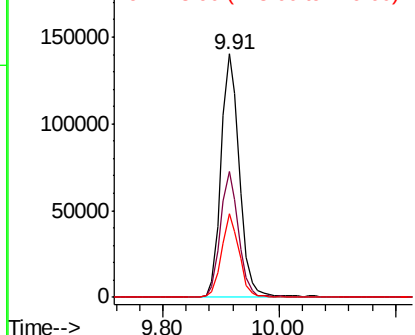
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062458.D
Acq: 11 May 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
C-1

Tgt Ion:117 Resp: 308751
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.2
119 34.3 25.0 37.4

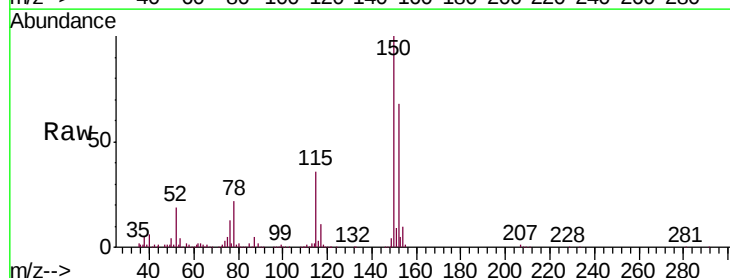


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062458.D
Acq: 11 May 2019 14:20

Tgt Ion:152 Resp: 186704
Ion Ratio Lower Upper
152 100
115 55.4 26.4 79.2
150 149.4 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

