

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062554.D
 Acq On : 13 May 2019 21:03
 Operator : FY/SY
 Sample : K2733-10RE
 Misc : 6.55g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS002-0206-01RE

Quant Time: May 14 07:55:02 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	5.07	168	265686	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	344721	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	254365	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	115530	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	107222	42.70	ug/l	0.02
Spiked Amount	50.000		Recovery	=	85.40%	
35) Dibromofluoromethane	4.32	113	123791	45.07	ug/l	0.01
Spiked Amount	50.000		Recovery	=	90.14%	
50) Toluene-d8	7.73	98	228401	34.36	ug/l	0.02
Spiked Amount	50.000		Recovery	=	68.72%	
62) 4-Bromofluorobenzene	11.50	95	86124	28.71	ug/l	0.01
Spiked Amount	50.000		Recovery	=	57.42%	

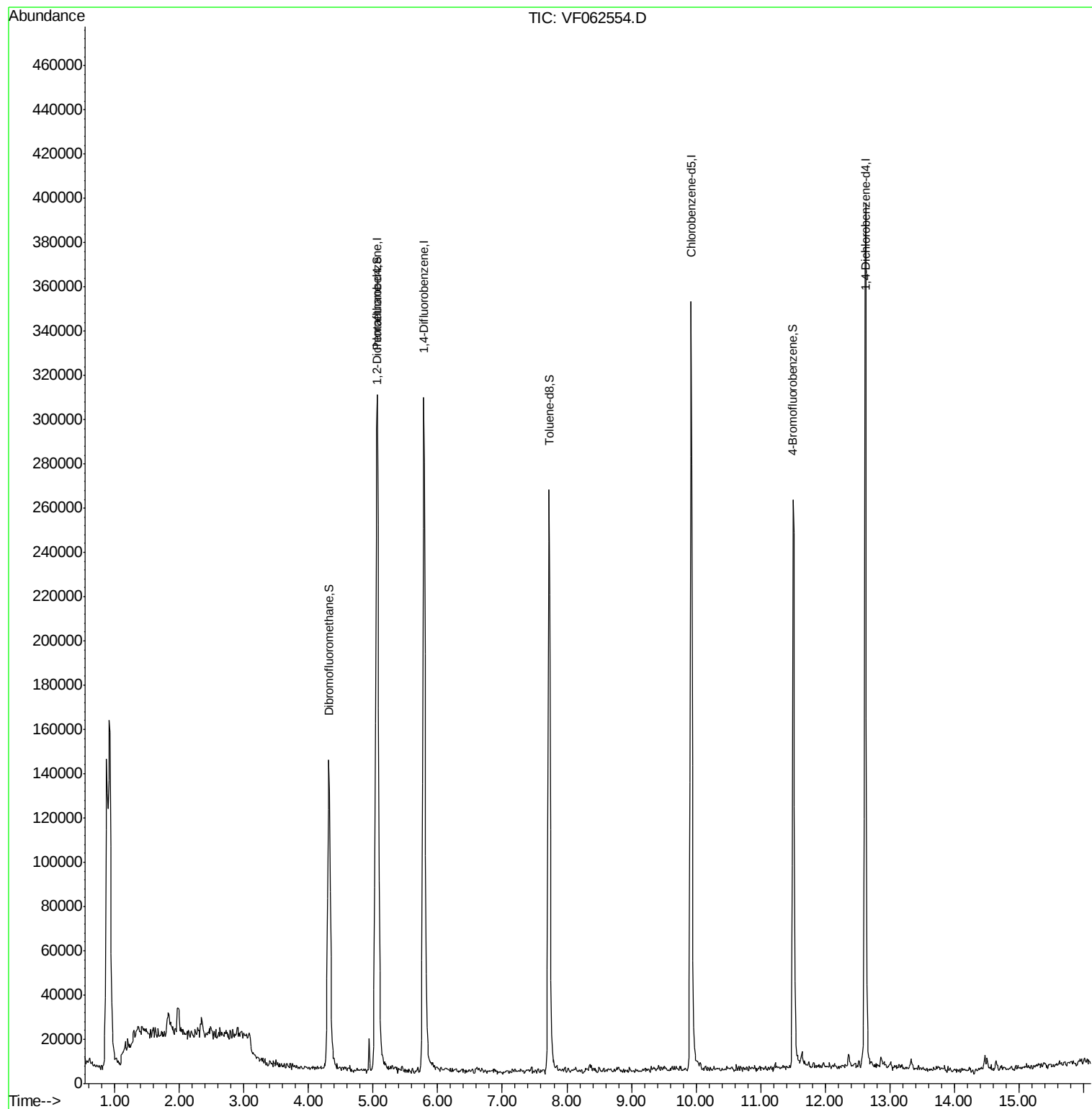
Target Compounds	Qvalue

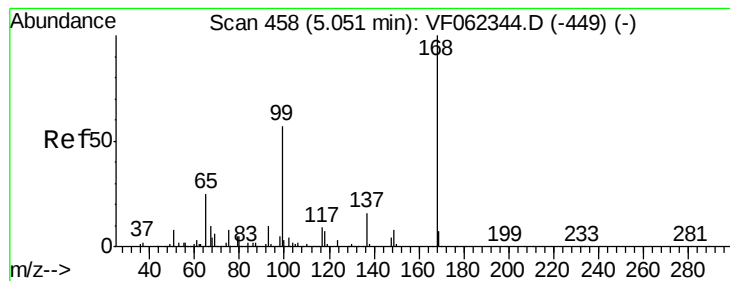
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
Data File : VF062554.D
Acq On : 13 May 2019 21:03
Operator : FY/SY
Sample : K2733-10RE
Misc : 6.55g/5mL/MSVOA F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Quant Time: May 14 07:55:02 2019
Quant Method : Z:\V0ASRV\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: 5.07 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062554.D

Acq: 13 May 2019 21:03

Instrument :

MSVOA_F

ClientSampleId :

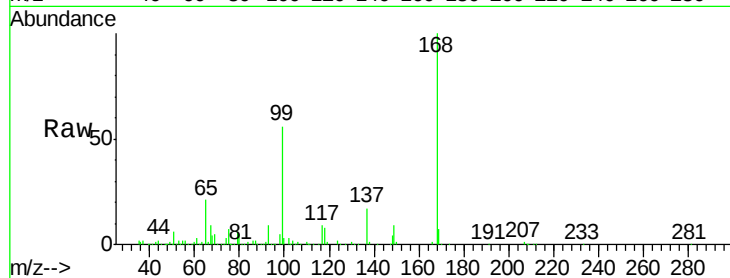
P021-SS002-0206-01RE

Tot Ion:168 Resp: 265686

Ion Ratio Lower Upper

168 100

99 56.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.07

100000

80000

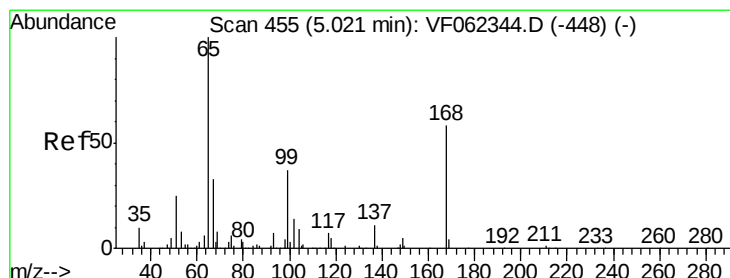
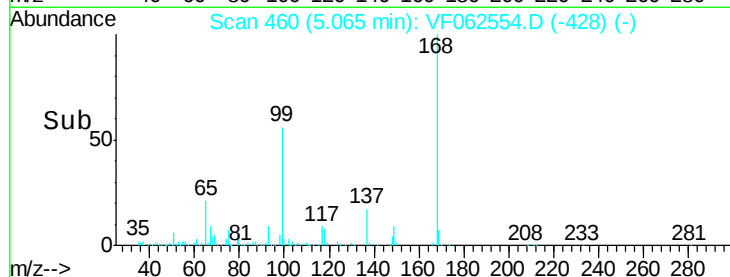
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 42.704 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062554.D

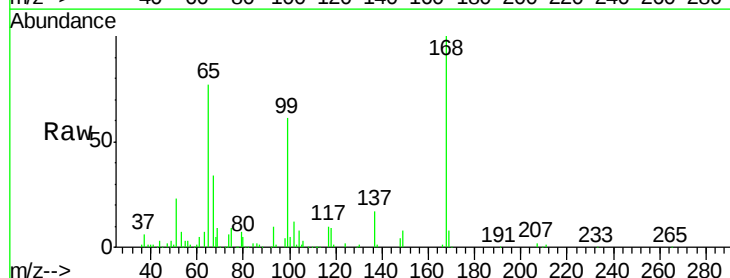
Acq: 13 May 2019 21:03

Tgt Ion: 65 Resp: 107222

Ion Ratio Lower Upper

65 100

67 45.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.05

40000

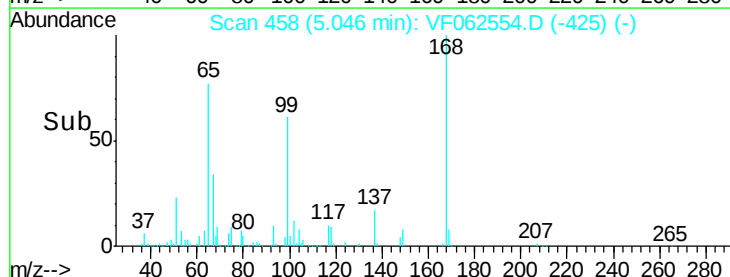
30000

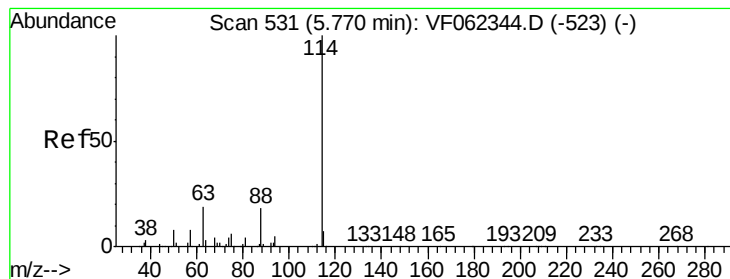
20000

10000

0

Time--> 4.90 5.00 5.10 5.20 5.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF062554.D

Acq: 13 May 2019 21:03

Instrument :

MSVOA_F

ClientSampleId :

P021-SS002-0206-01RE

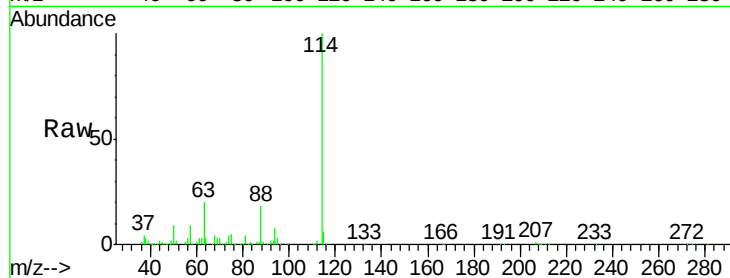
Tot Ion:114 Resp: 344721

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

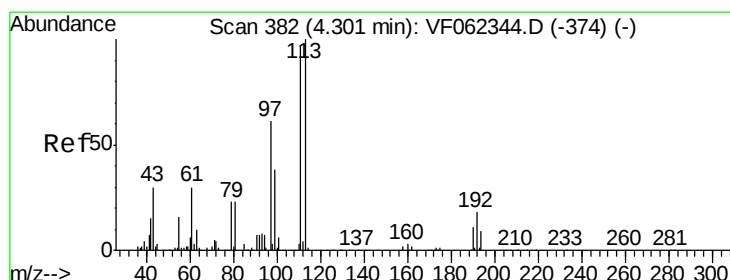
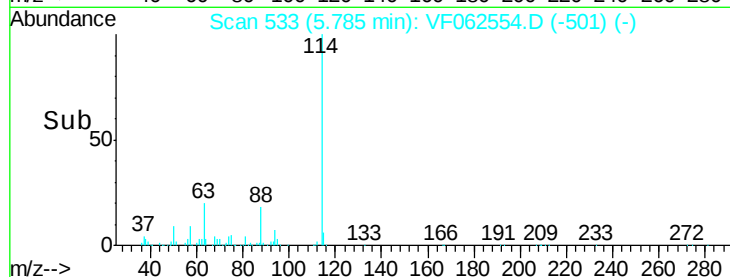
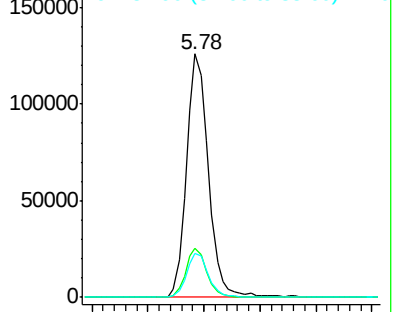
88 18.3 0.0 36.4



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: 45.075 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062554.D

Acq: 13 May 2019 21:03

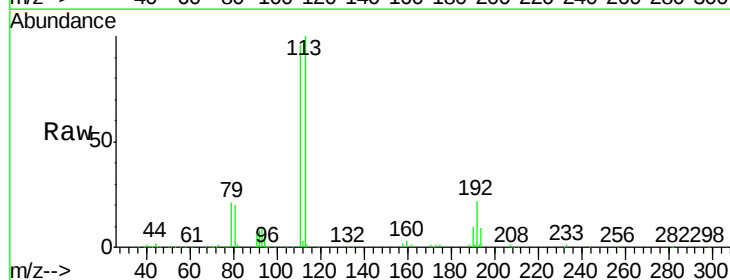
Tgt Ion:113 Resp: 123791

Ion Ratio Lower Upper

113 100

111 101.8 79.4 119.0

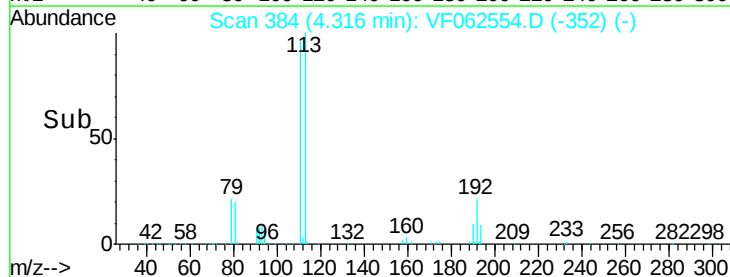
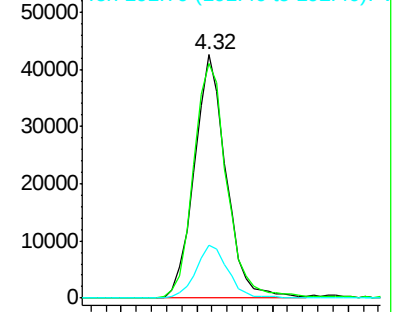
192 21.9 16.0 24.0

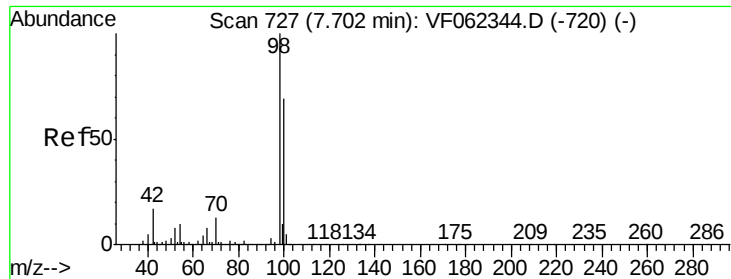


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

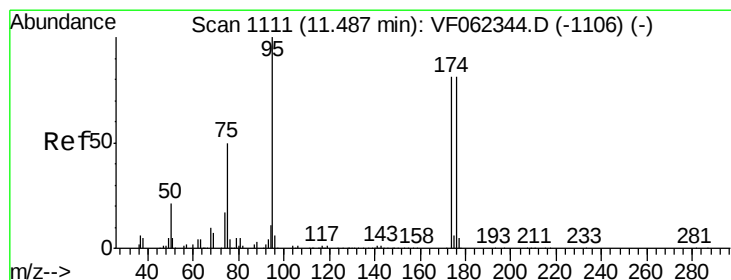
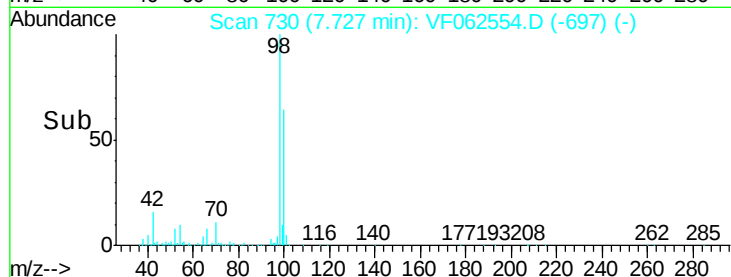
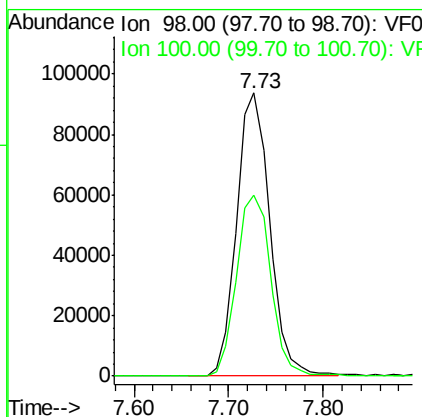
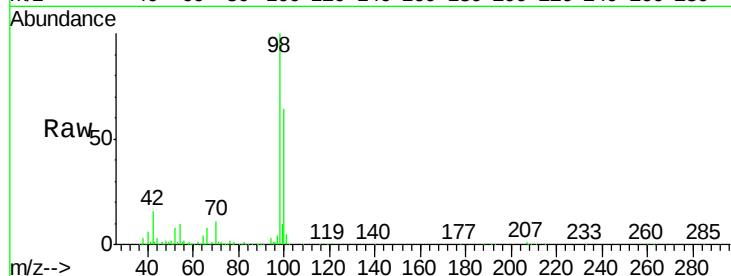




#50
Toluene-d8
Concen: 34.357 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

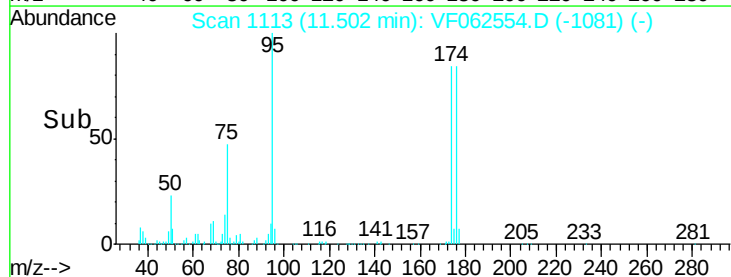
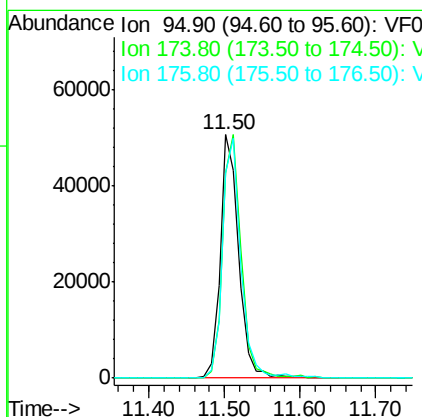
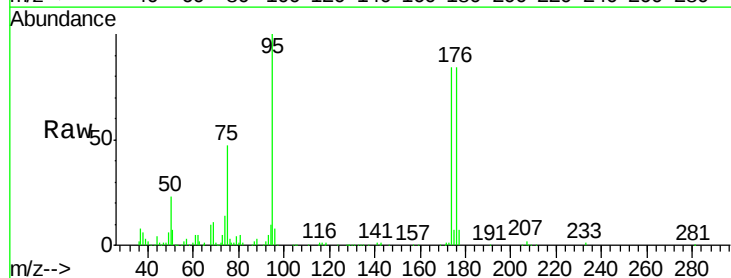
Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

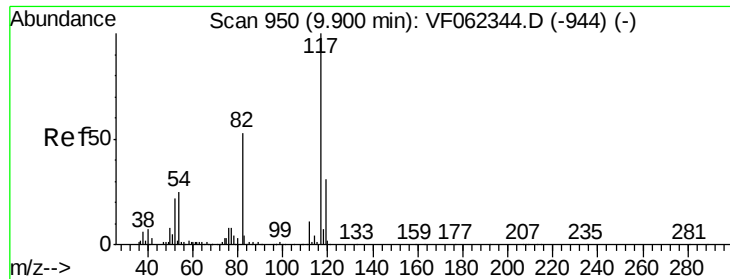
Tot Ion: 98 Resp: 228401
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 28.715 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion: 95 Resp: 86124
Ion Ratio Lower Upper
95 100
174 101.0 0.0 191.8
176 98.9 0.0 193.2

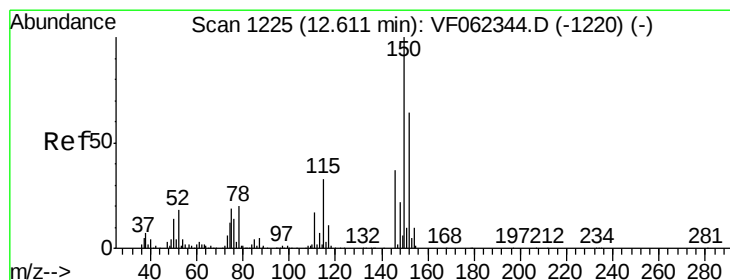
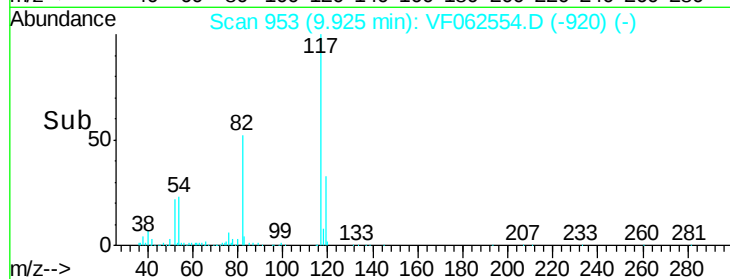
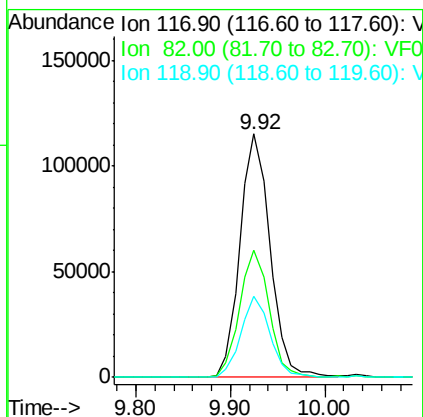
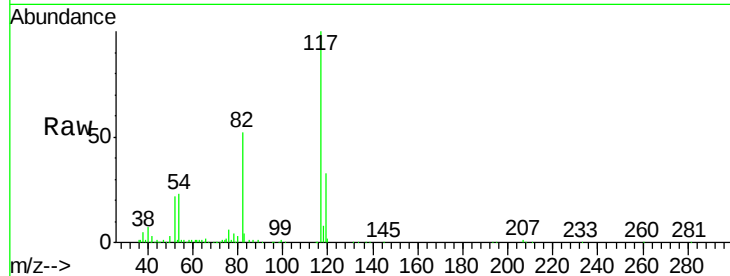




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.2	63.2
119	33.3	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.6	26.4	79.2
150	150.3	0.0	335.0

