

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062419.D
 Acq On : 10 May 2019 13:15
 Operator : FY/SY
 Sample : K2643-01RE
 Misc : 6.87g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-050719-ARE

Quant Time: May 10 15:07:00 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

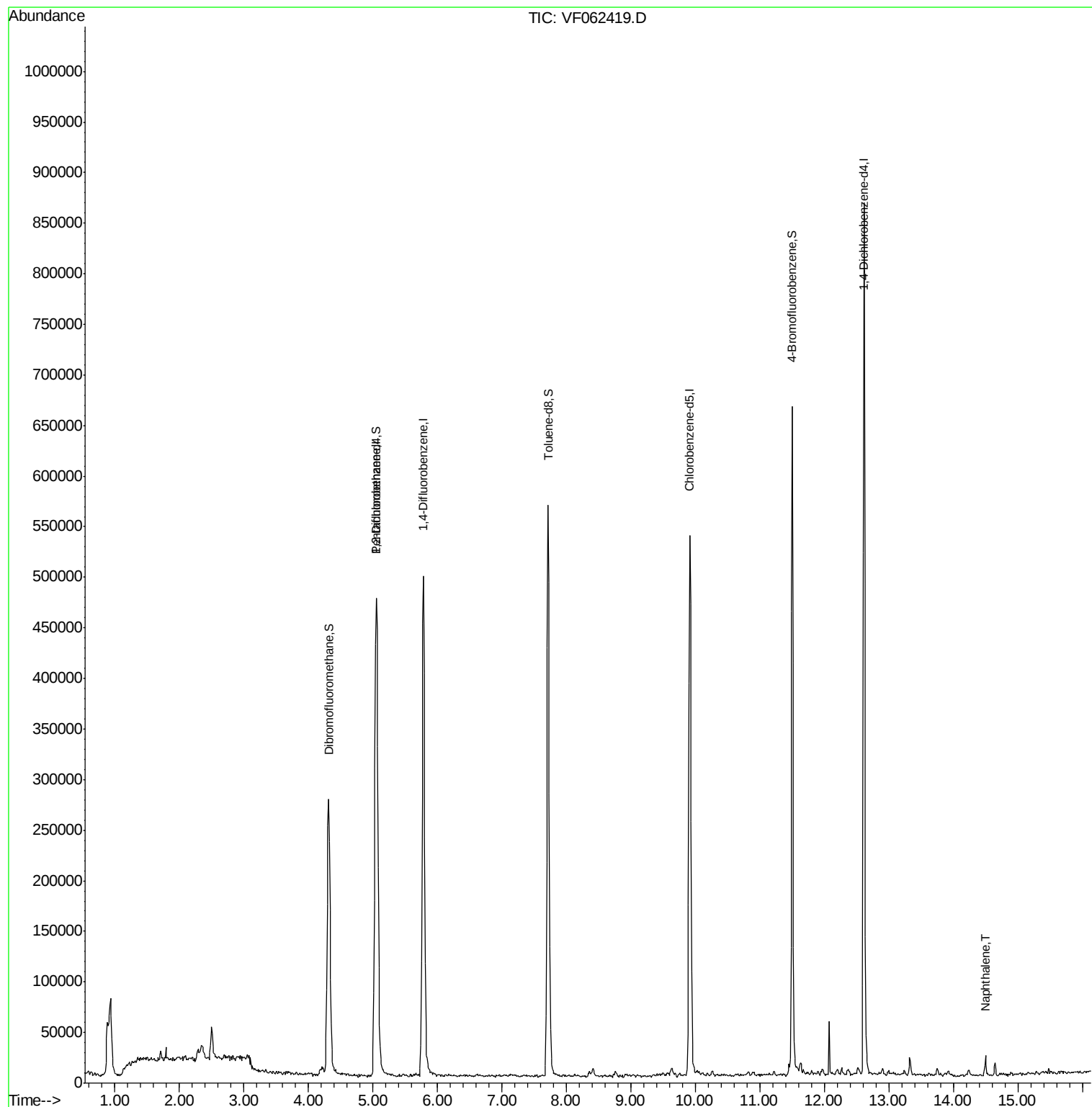
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	396316	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	550853	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	393400	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	217301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	196946	52.58	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	4.31	113	245442	55.93	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.86%	
50) Toluene-d8	7.72	98	479385	45.13	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.26%	
62) 4-Bromofluorobenzene	11.50	95	209235	43.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.32%	
Target Compounds						
95) Naphthalene	14.50	128	12158	1.509	ug/l	Qvalue 97

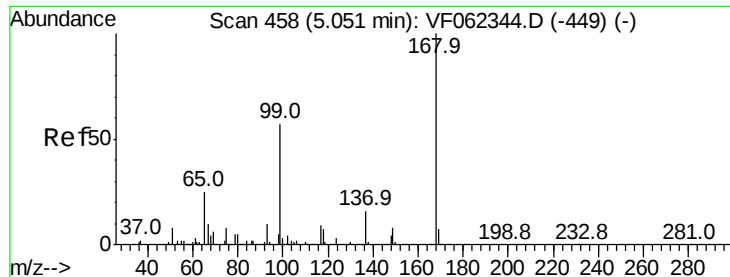
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051019\
Data File : VF062419.D
Acq On : 10 May 2019 13:15
Operator : FY/SY
Sample : K2643-01RE
Misc : 6.87g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-03-050719-ARE

Quant Time: May 10 15:07:00 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: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062419.D

Acq: 10 May 2019 13:15

Instrument :

MSVOA_F

ClientSampleId :

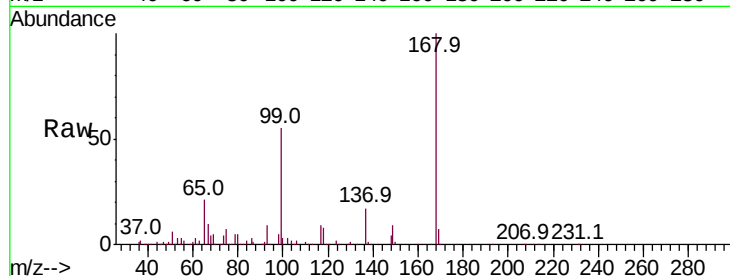
OR-03-050719-ARE

Tot Ion:168 Resp: 396316

Ion Ratio Lower Upper

168 100

99 54.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

150000

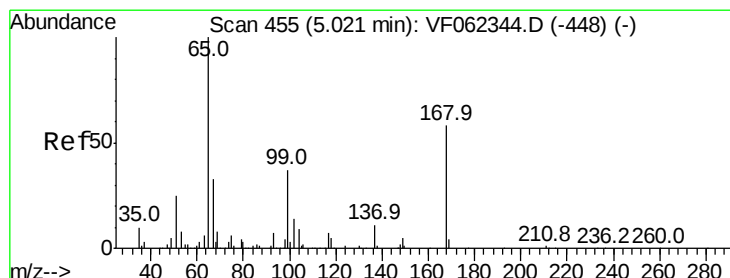
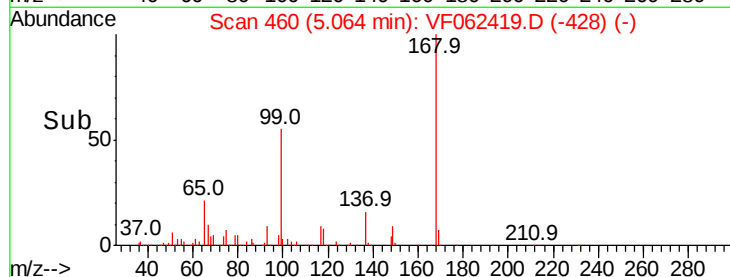
100000

50000

0

Time-->

5.00 5.20 5.40



#33

1,2-Dichloroethane-d4

Concen: 52.584 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062419.D

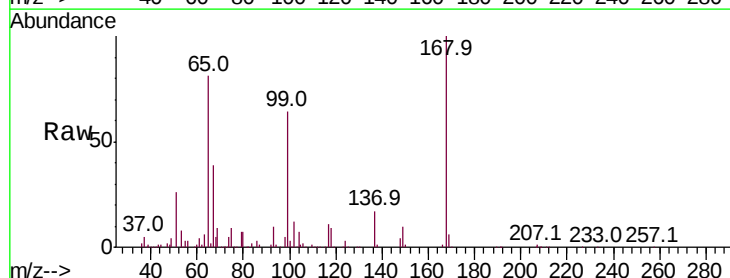
Acq: 10 May 2019 13:15

Tgt Ion: 65 Resp: 196946

Ion Ratio Lower Upper

65 100

67 46.9 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

80000

60000

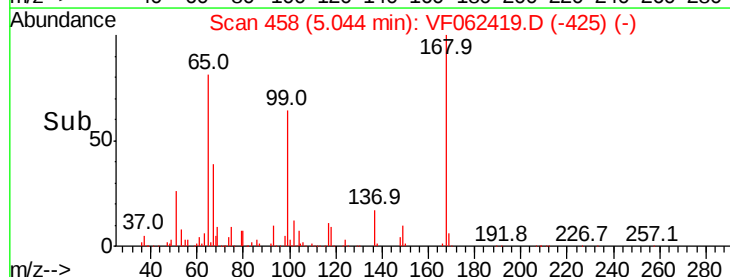
40000

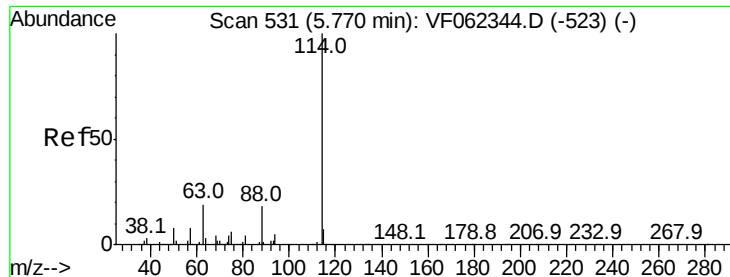
20000

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: VF062419.D

Acq: 10 May 2019 13:15

Instrument :

MSVOA_F

ClientSampleId :

OR-03-050719-ARE

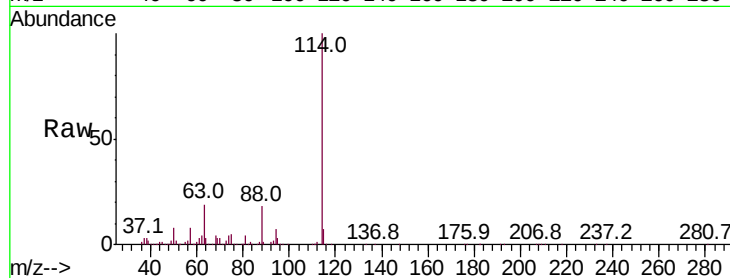
Tot Ion:114 Resp: 550853

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

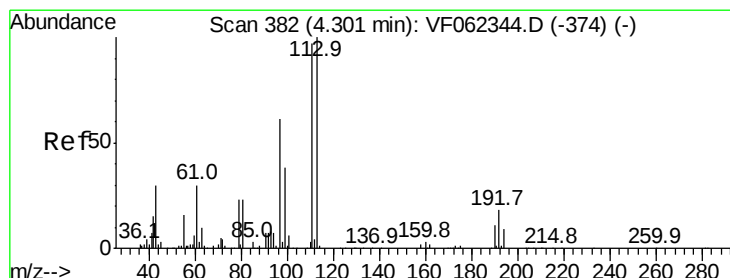
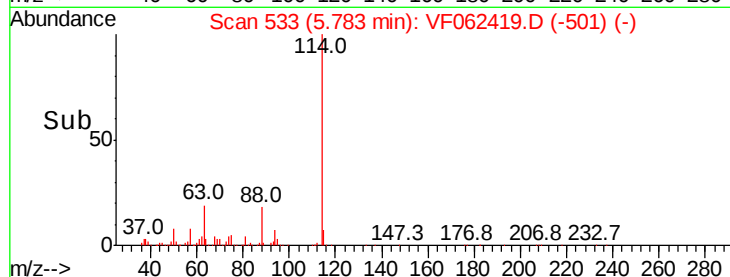
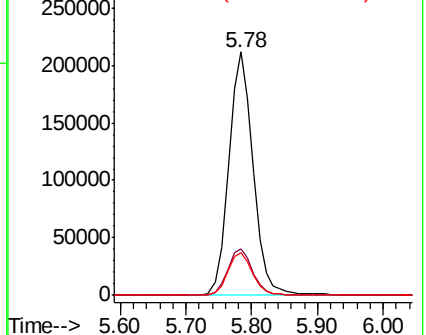
88 17.6 0.0 36.4



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: 55.928 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062419.D

Acq: 10 May 2019 13:15

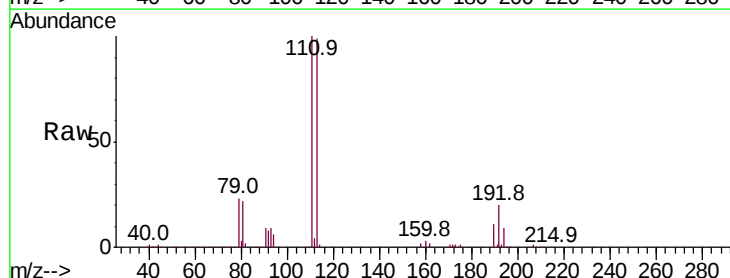
Tgt Ion:113 Resp: 245442

Ion Ratio Lower Upper

113 100

111 102.1 79.4 119.0

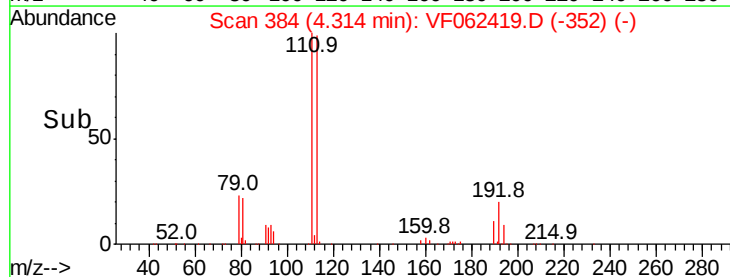
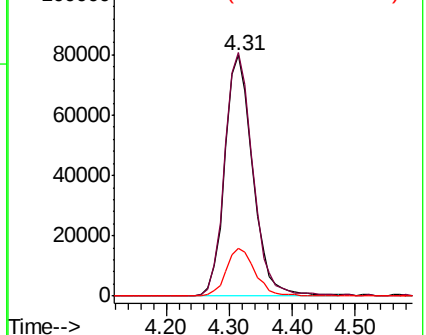
192 20.5 16.0 24.0

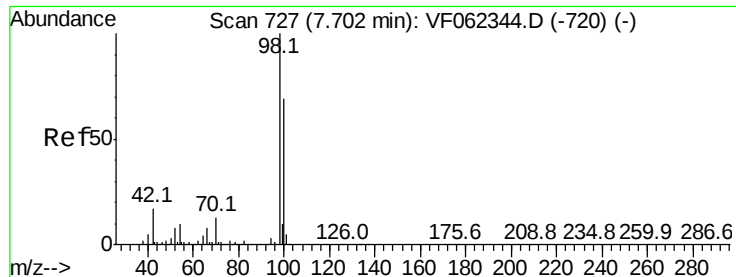


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

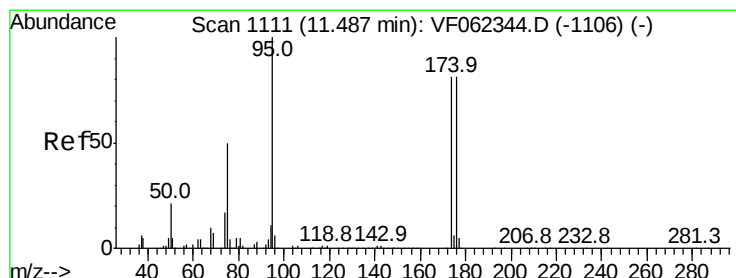
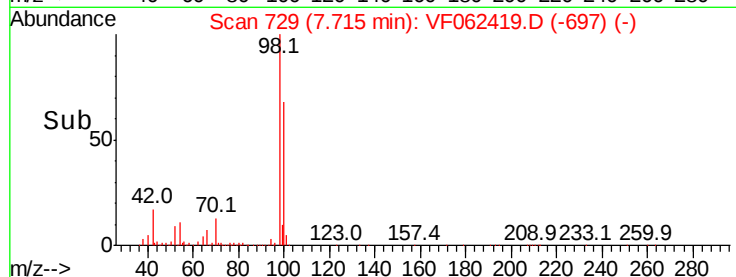
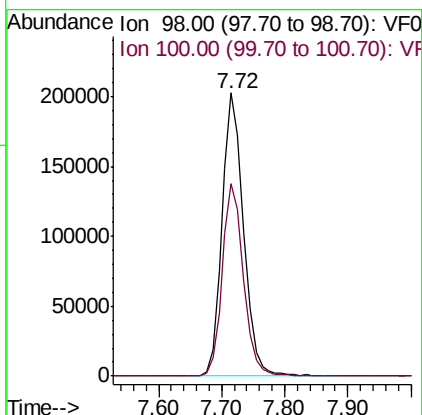
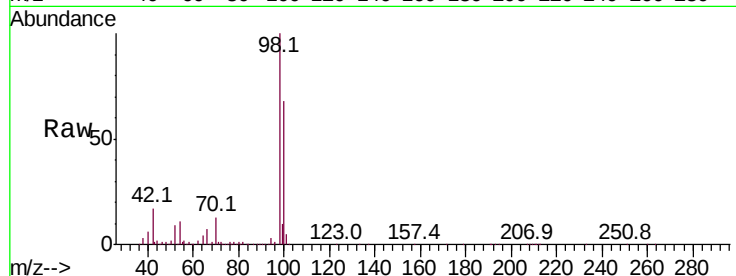




#50
Toluene-d8
Concen: 45.126 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062419.D
Acq: 10 May 2019 13:15

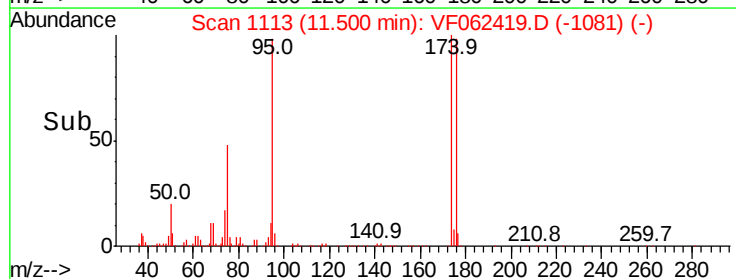
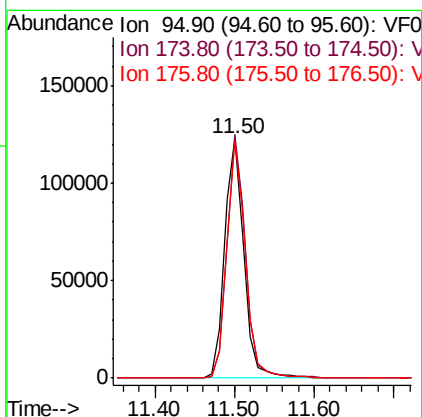
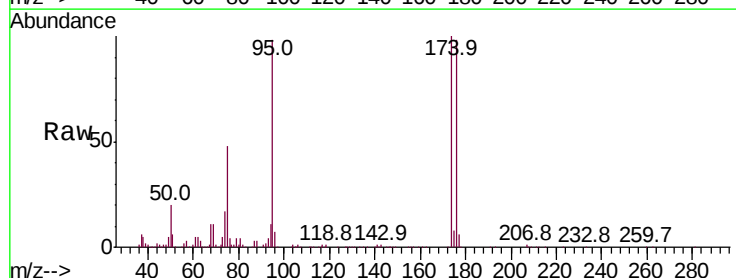
Instrument :
MSVOA_F
ClientSampleId :
OR-03-050719-ARE

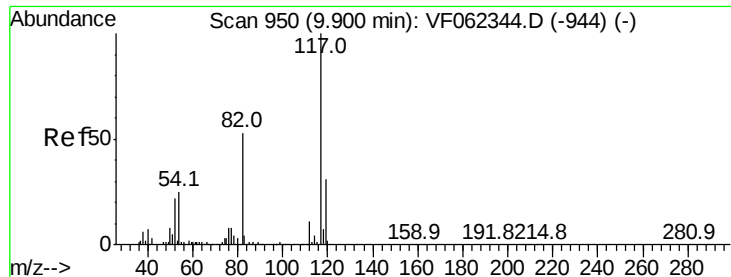
Tot Ion: 98 Resp: 479385
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.656 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062419.D
Acq: 10 May 2019 13:15

Tgt Ion: 95 Resp: 209235
Ion Ratio Lower Upper
95 100
174 97.8 0.0 191.8
176 96.4 0.0 193.2

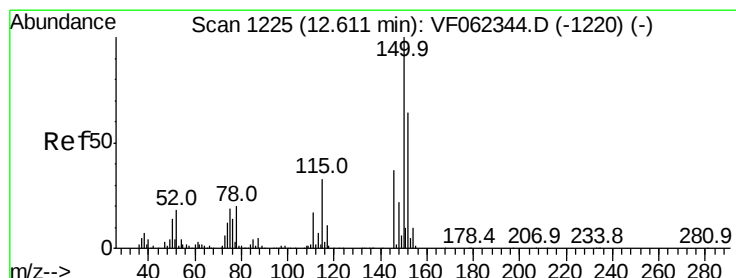
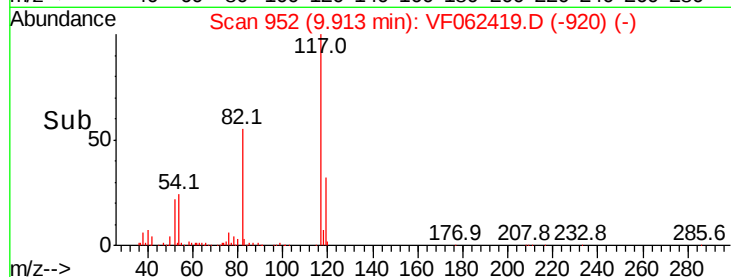
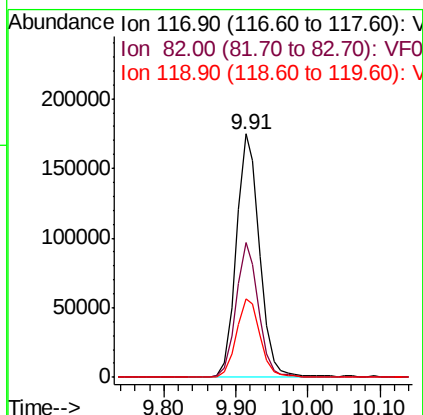
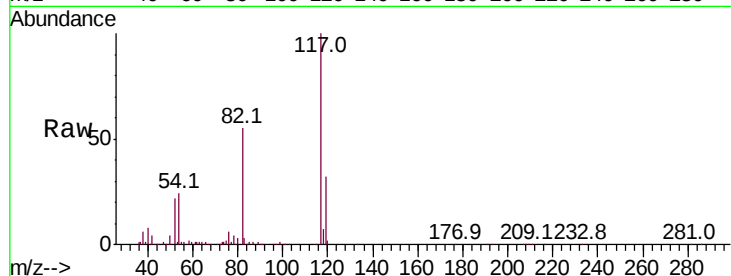




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062419.D
Acq: 10 May 2019 13:15

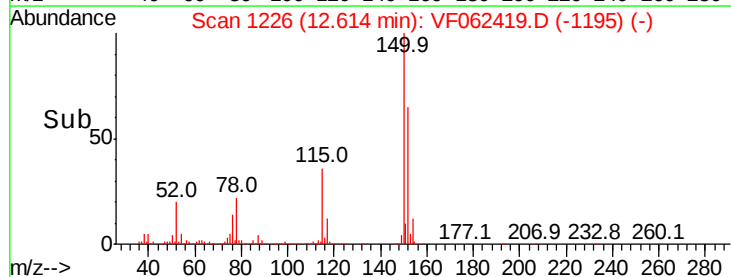
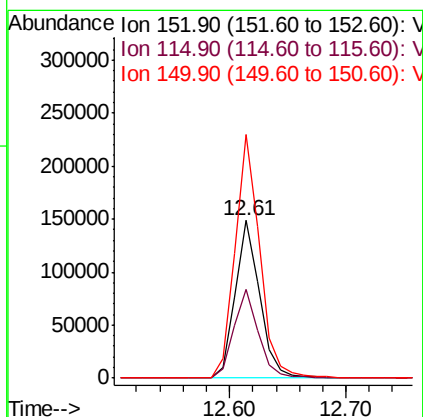
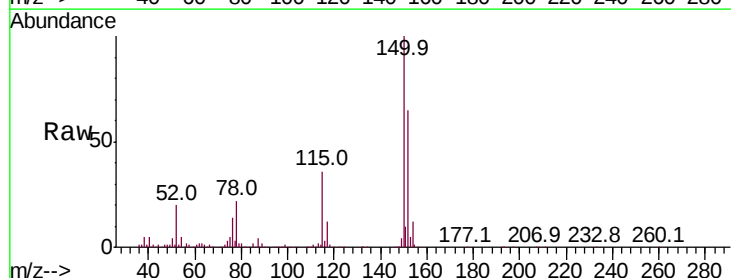
Instrument :
MSVOA_F
ClientSampleId :
OR-03-050719-ARE

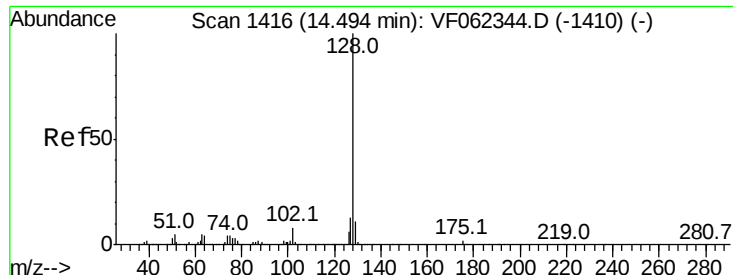
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.2	63.2
119	32.0	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062419.D
Acq: 10 May 2019 13:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	26.4	79.2
150	155.9	0.0	335.0





#95

Naphthalene

Concen: 1.509 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VF062419.D

Acq: 10 May 2019 13:15

Instrument :

MSVOA_F

ClientSampleId :

OR-03-050719-ARE

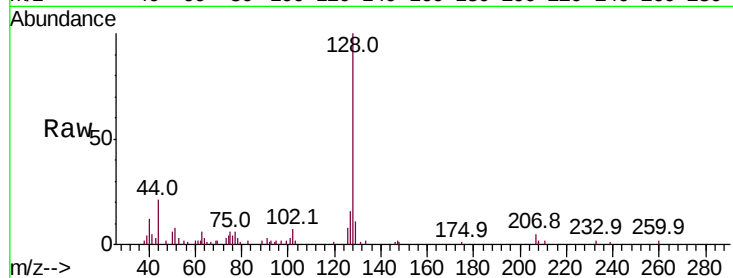
Tot Ion:128 Resp: 12158

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 12.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

