

Data File : VF062465.D
Acq On : 11 May 2019 17:36
Operator : FY/SY
Sample : K2717-21
Misc : 5.01g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS004-0612-01

Quant Time: May 12 04:29:26 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	213929	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	270716	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	232020	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	138650	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	108368	53.60	ug/l	0.01
Spiked Amount	50.000		Recovery	=	107.20%	
35) Dibromofluoromethane	4.31	113	118822	55.09	ug/l	0.01
Spiked Amount	50.000		Recovery	=	110.18%	
50) Toluene-d8	7.72	98	225245	43.14	ug/l	0.01
Spiked Amount	50.000		Recovery	=	86.28%	
62) 4-Bromofluorobenzene	11.50	95	102221	43.40	ug/l	0.01
Spiked Amount	50.000		Recovery	=	86.80%	

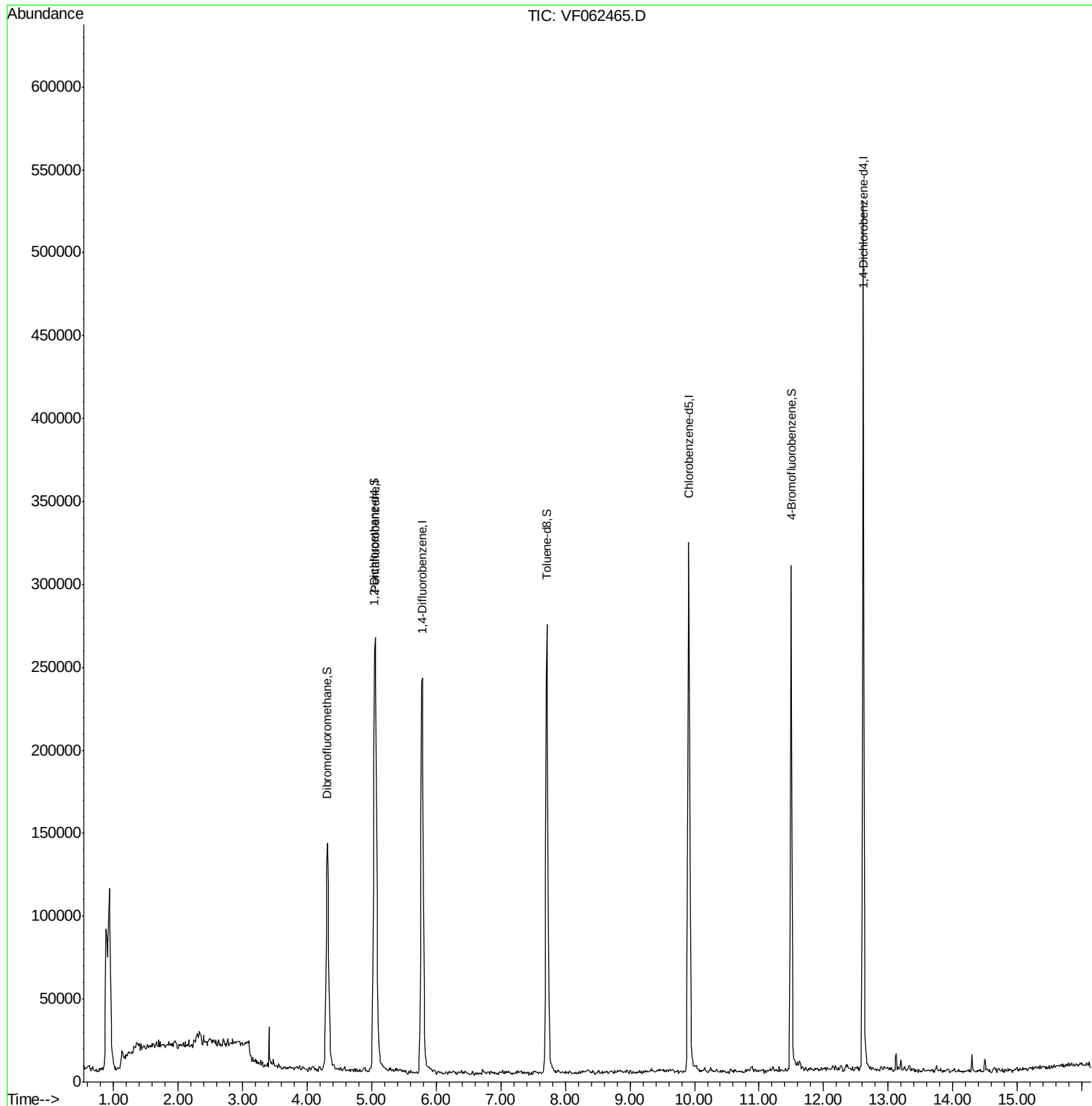
Target Compounds Qvalue

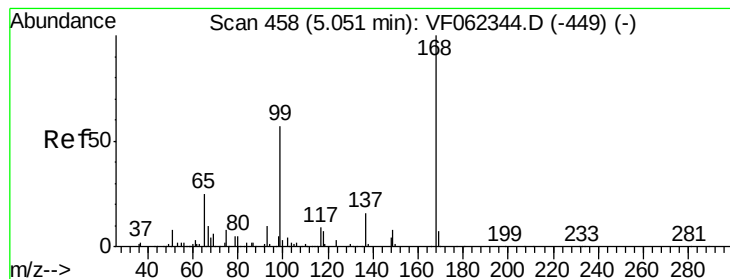
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

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Instrument :

MSVOA_F

ClientSampleId :

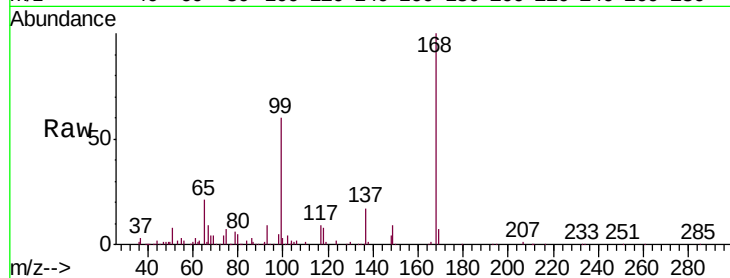
P026-SS004-0612-01

Tgt Ion:168 Resp: 213929

Ion Ratio Lower Upper

168 100

99 59.7 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

80000

60000

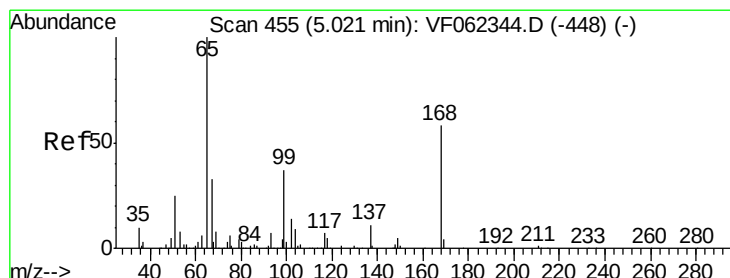
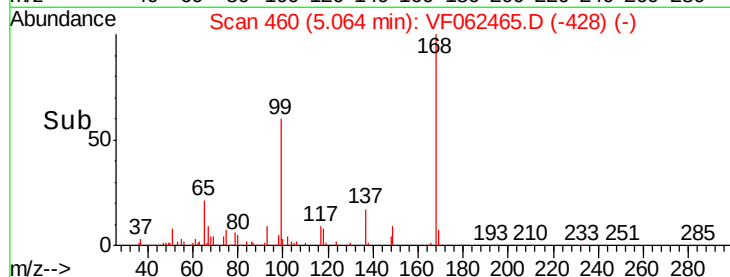
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20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 53.602 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF062465.D

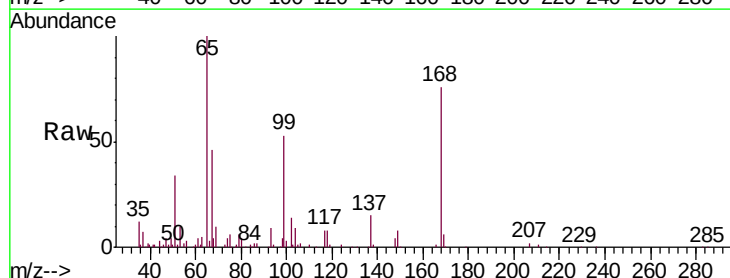
Acq: 11 May 2019 17:36

Tgt Ion: 65 Resp: 108368

Ion Ratio Lower Upper

65 100

67 46.4 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.03

40000

30000

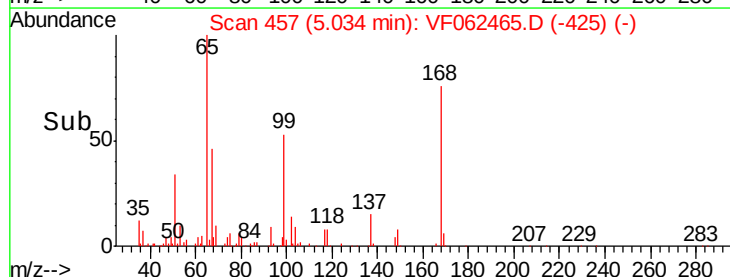
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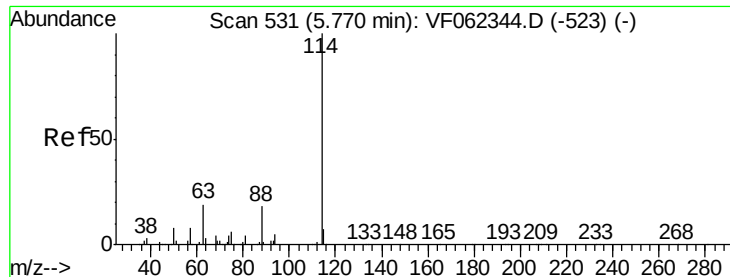
10000

0

Time-->

4.90 5.00 5.10 5.20 5.30

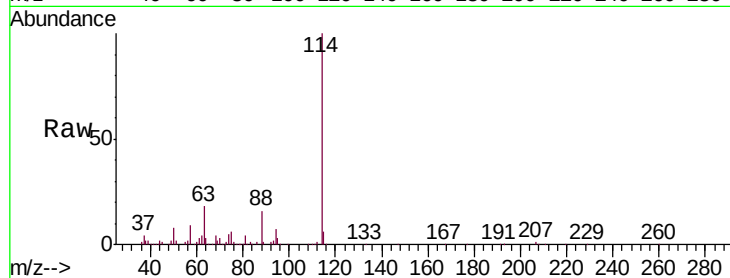




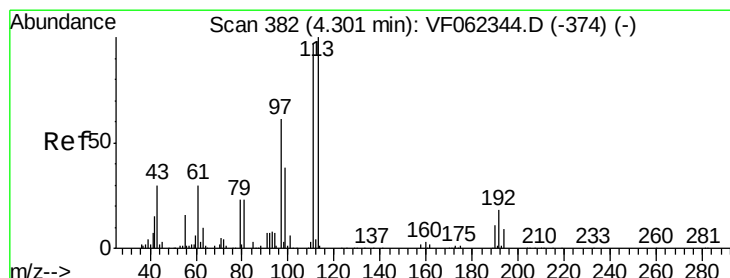
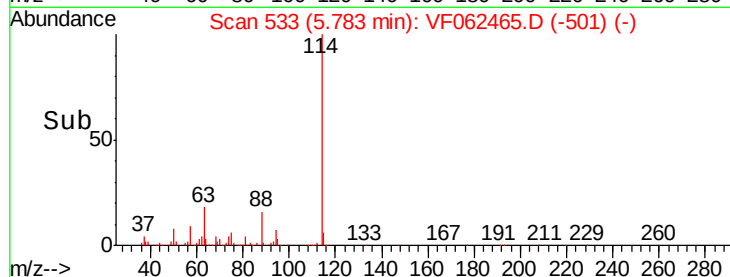
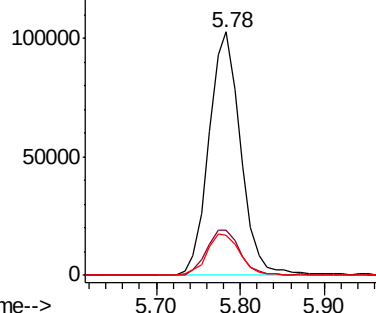
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VF062465.D
 Acq: 11 May 2019 17:36

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS004-0612-01

Tgt Ion:	114	Resp:	270716
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	37.4
88	16.5	0.0	36.4

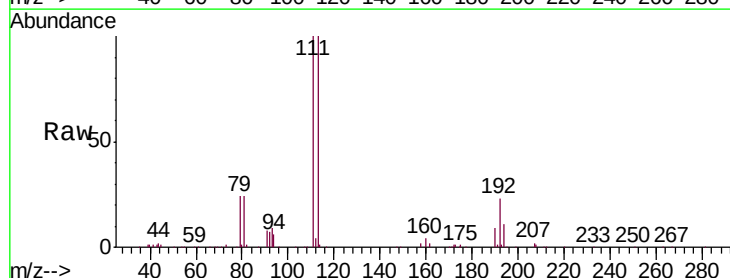


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 87.90 (87.60 to 88.60): VF0

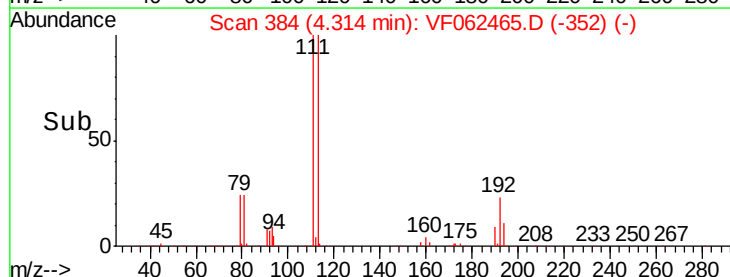
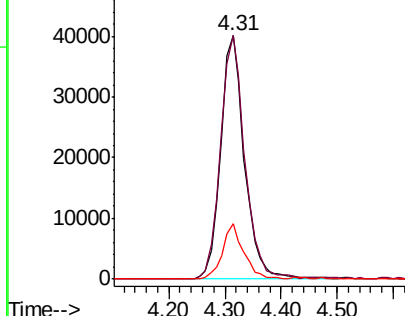


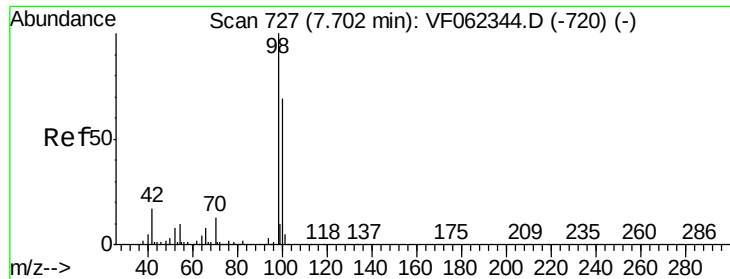
#35
 Dibromofluoromethane
 Concen: 55.093 ug/l
 RT: 4.31 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VF062465.D
 Acq: 11 May 2019 17:36

Tgt Ion:	113	Resp:	118822
Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.4	119.0
192	20.3	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

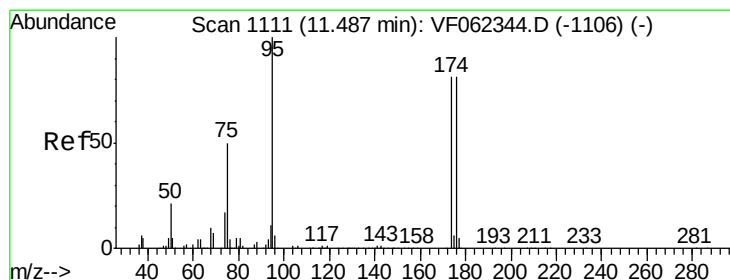
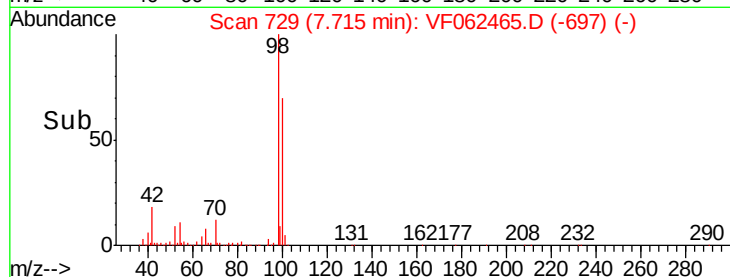
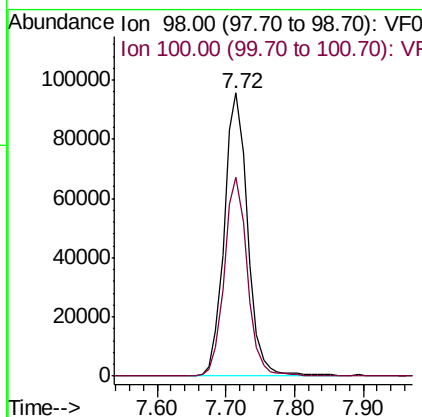
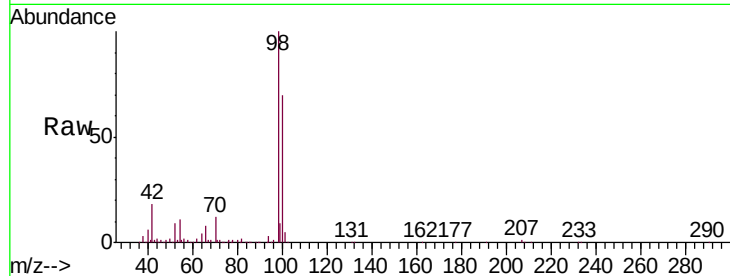




#50
Toluene-d8
Concen: 43.144 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062465.D
Acq: 11 May 2019 17:36

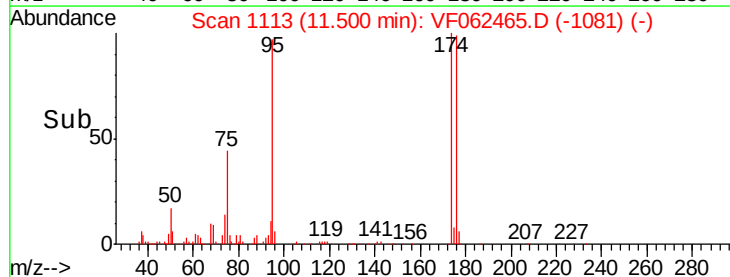
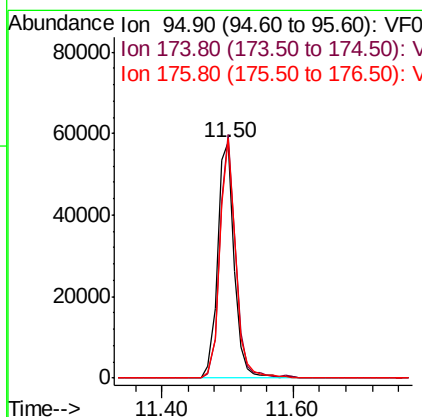
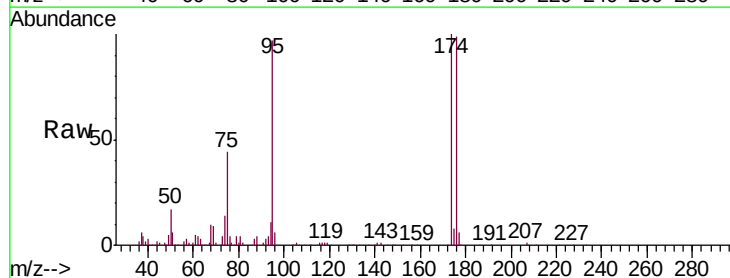
Instrument :
MSVOA_F
ClientSampleId :
P026-SS004-0612-01

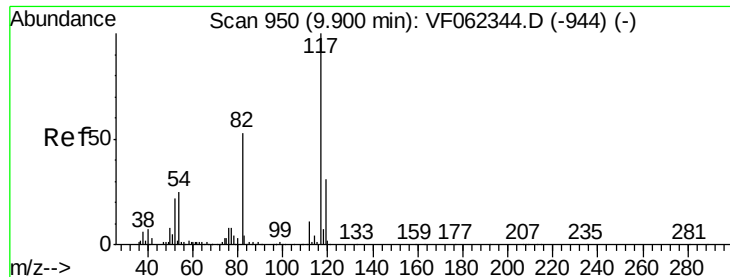
Tgt Ion: 98 Resp: 225245
Ion Ratio Lower Upper
98 100
100 68.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.399 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062465.D
Acq: 11 May 2019 17:36

Tgt Ion: 95 Resp: 102221
Ion Ratio Lower Upper
95 100
174 97.5 0.0 191.8
176 96.2 0.0 193.2

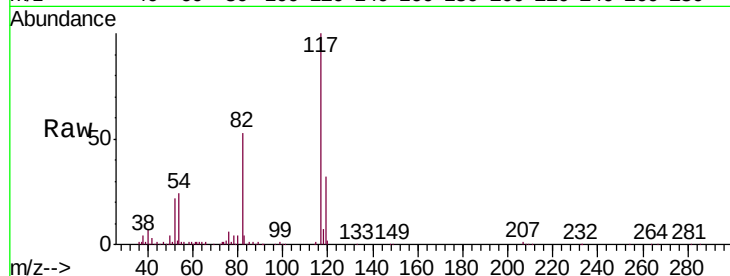




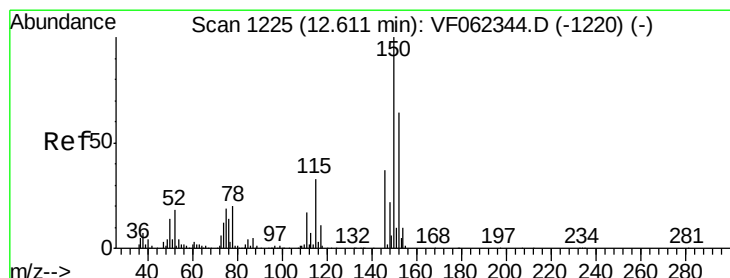
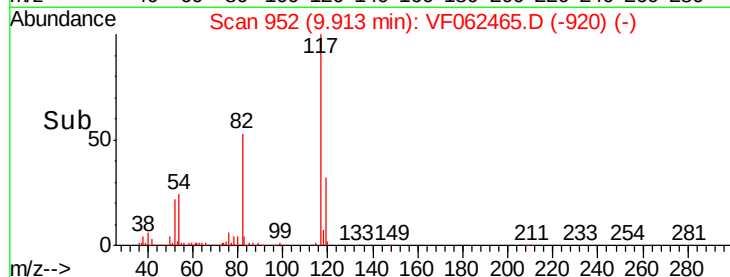
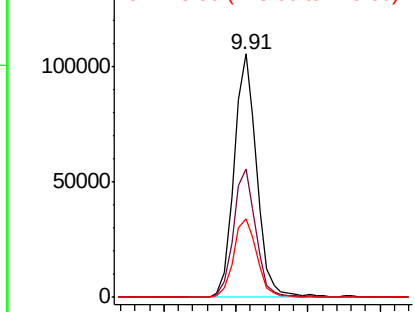
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062465.D
Acq: 11 May 2019 17:36

Instrument :
MSVOA_F
ClientSampleId :
P026-SS004-0612-01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.2	63.2
119	32.0	25.0	37.4

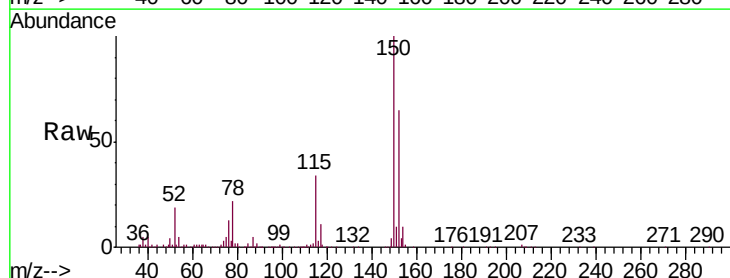


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062465.D
Acq: 11 May 2019 17:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.4	79.2
150	151.6	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

