

Data File : VF062482.D
Acq On : 12 May 2019 2:55
Operator : FY/SY
Sample : K2733-20
Misc : 5.61g/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0206-01

Quant Time: May 12 05:19:31 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	235145	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	327092	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	273396	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	153073	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	106346	47.86	ug/l	0.03
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	4.32	113	136062	52.21	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	7.72	98	253073	40.12	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.24%	
62) 4-Bromofluorobenzene	11.51	95	114476	40.22	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.44%	

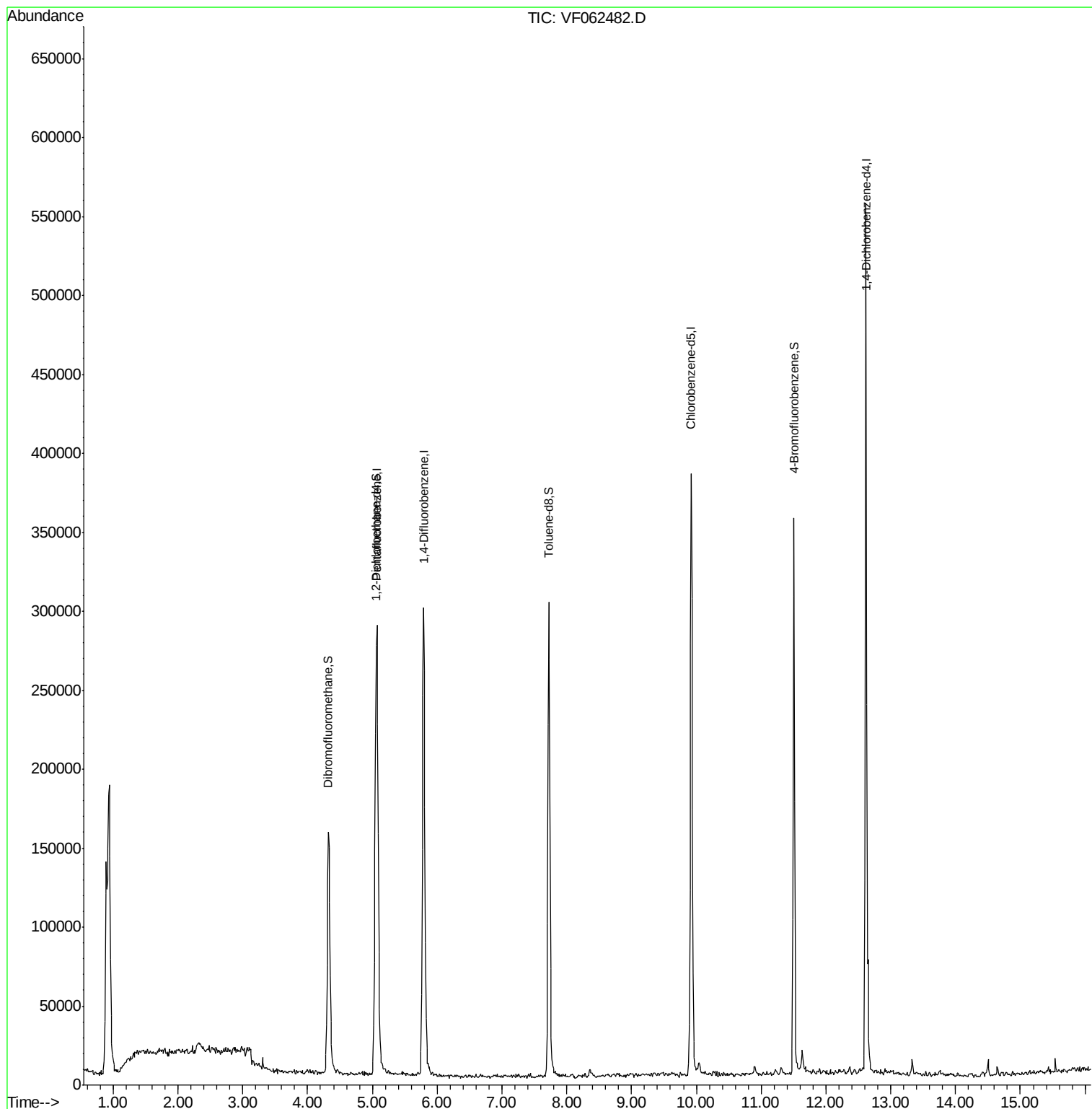
Target Compounds	Qvalue
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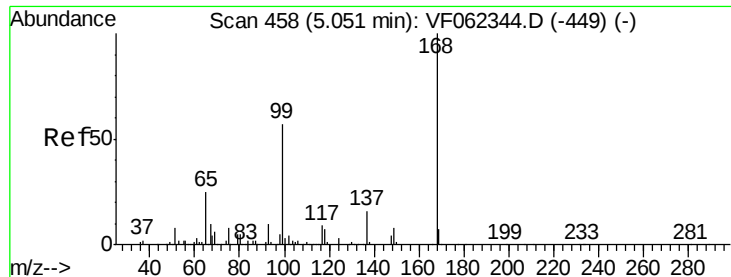
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.02 min

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MSVOA_F

ClientSampleId :

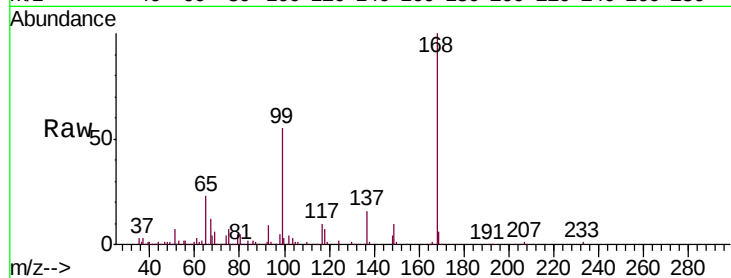
P021-SS004-0206-01

Tgt Ion:168 Resp: 235145

Ion Ratio Lower Upper

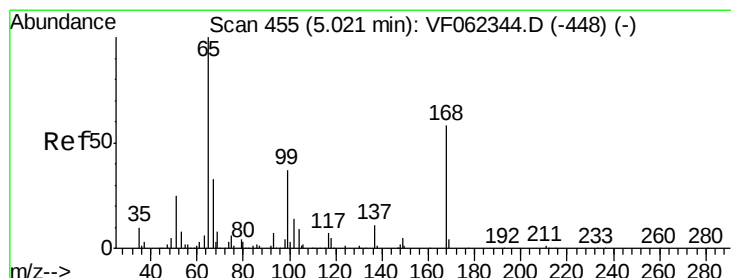
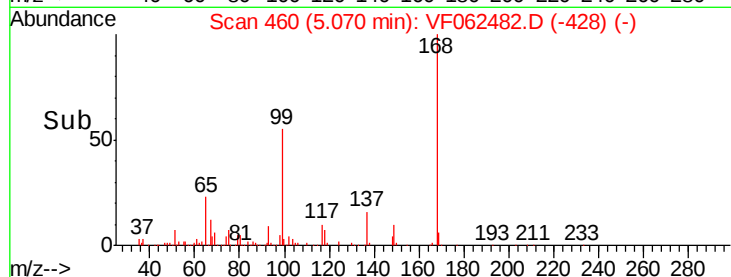
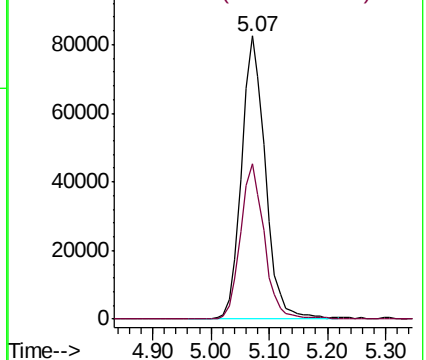
168 100

99 55.0 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: 47.856 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062482.D

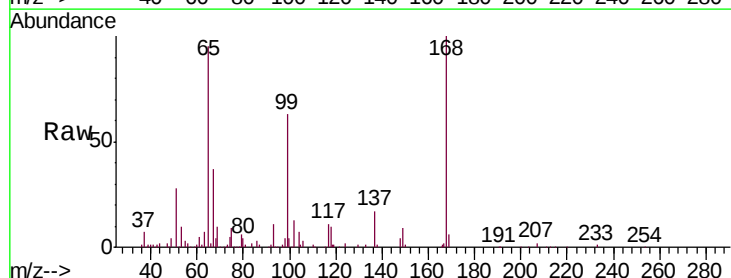
Acq: 12 May 2019 2:55

Tgt Ion: 65 Resp: 106346

Ion Ratio Lower Upper

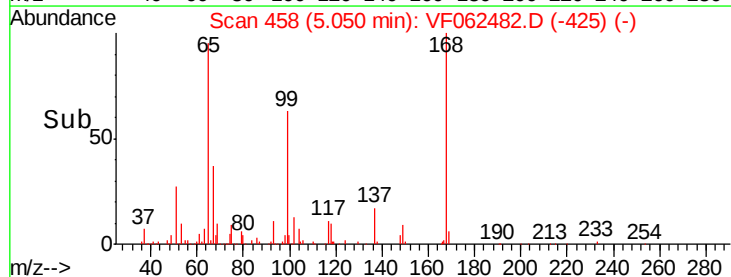
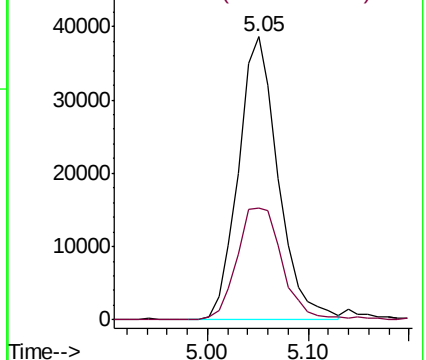
65 100

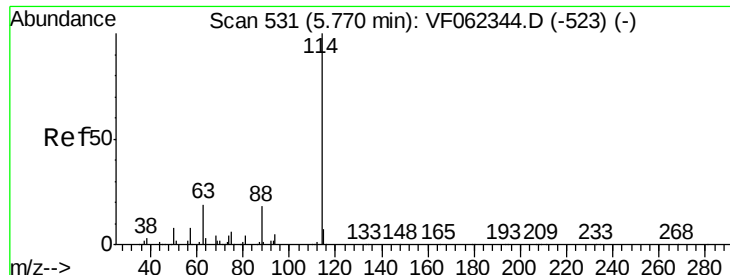
67 44.7 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

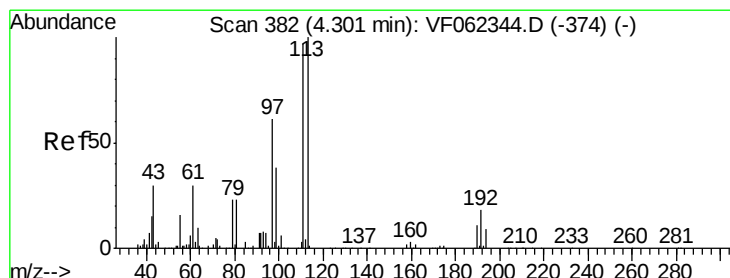
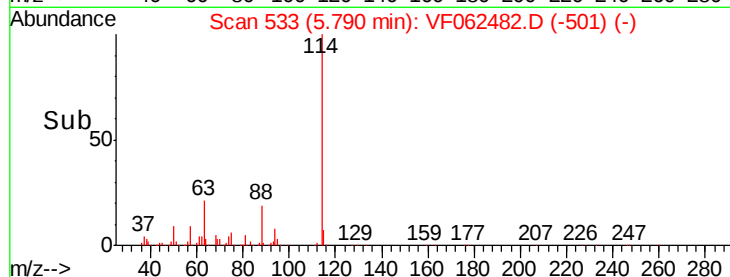
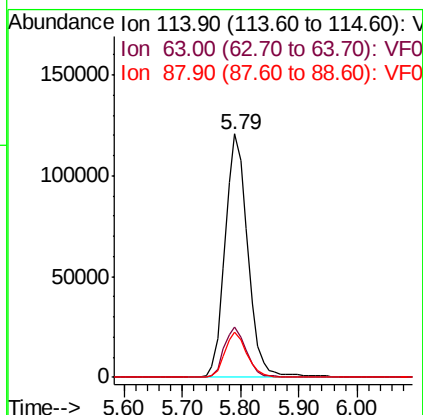
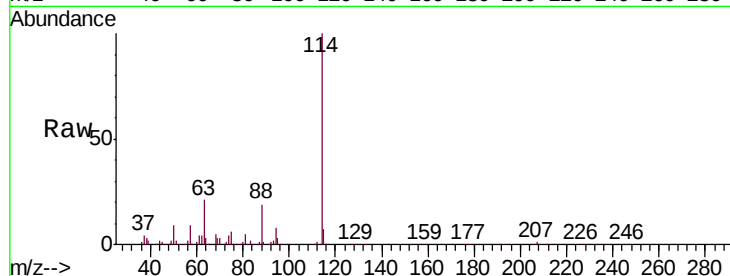




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VF062482.D
 Acq: 12 May 2019 2:55

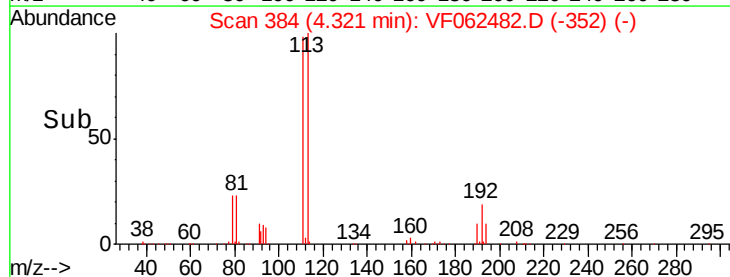
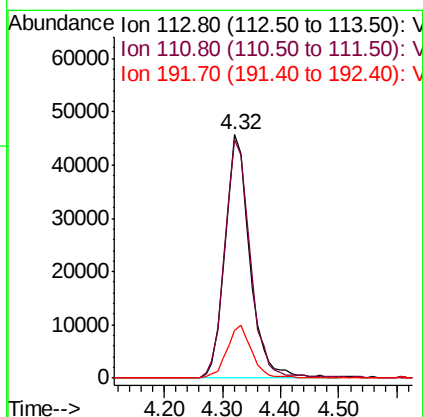
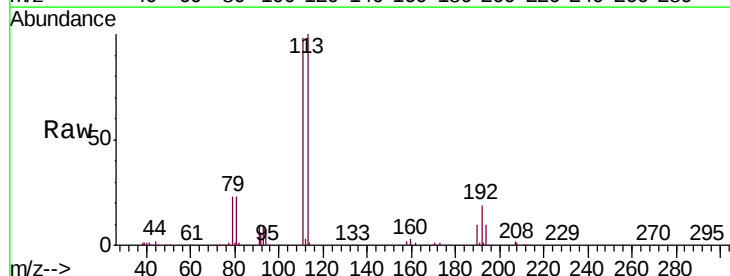
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS004-0206-01

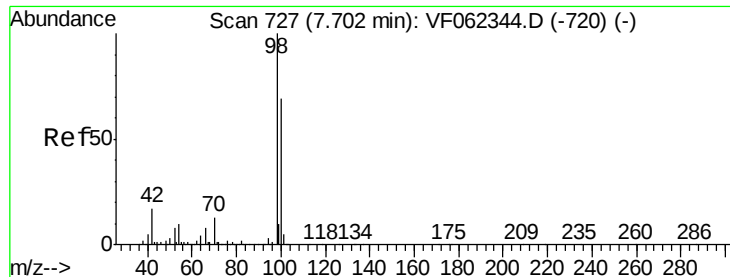
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	37.4
88	18.8	0.0	36.4



#35
 Dibromofluoromethane
 Concen: 52.213 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062482.D
 Acq: 12 May 2019 2:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.9	79.4	119.0
192	21.1	16.0	24.0





#50

Toluene-d8

Concen: 40.120 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062482.D

Acq: 12 May 2019 2:55

Instrument :

MSVOA_F

ClientSampleId :

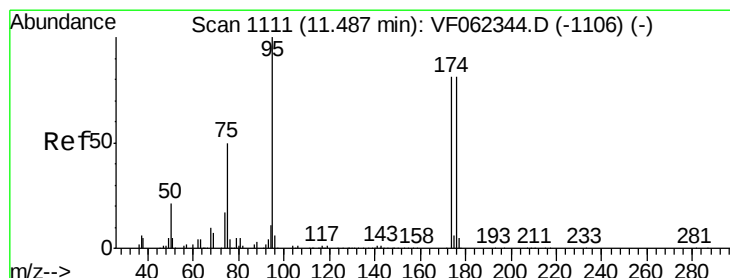
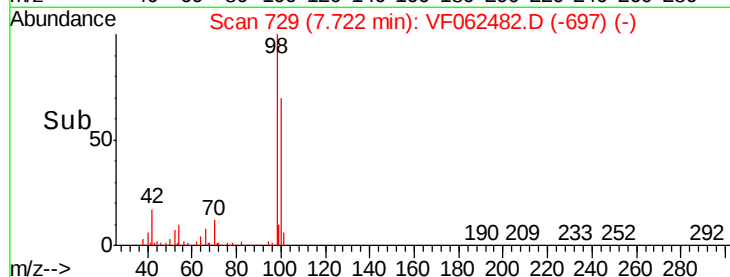
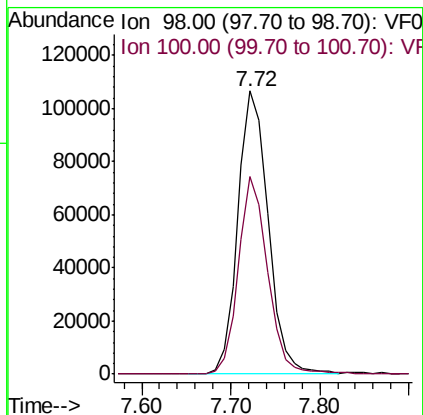
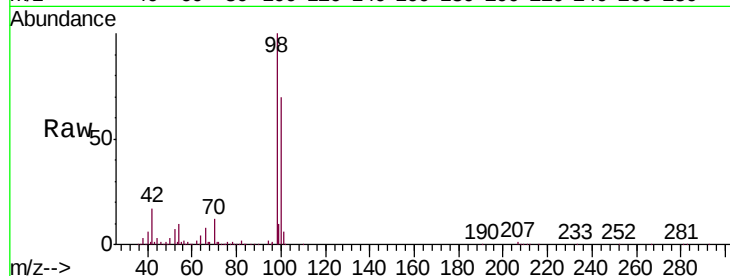
P021-SS004-0206-01

Tgt Ion: 98 Resp: 253073

Ion Ratio Lower Upper

98 100

100 67.2 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 40.225 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062482.D

Acq: 12 May 2019 2:55

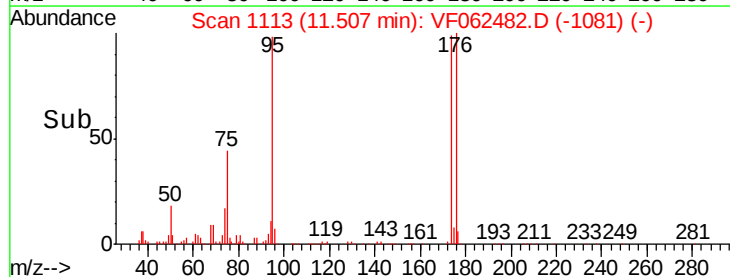
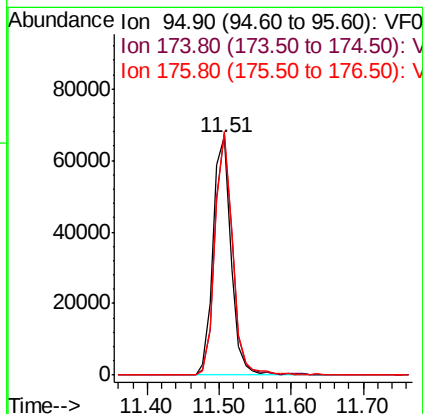
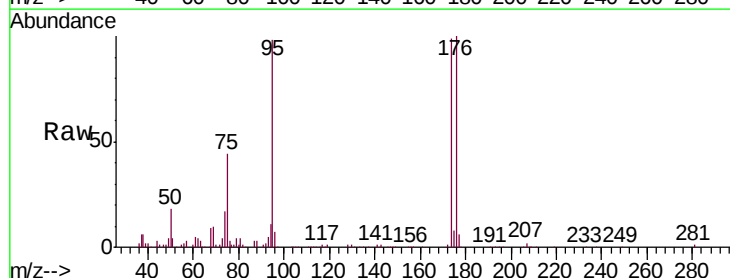
Tgt Ion: 95 Resp: 114476

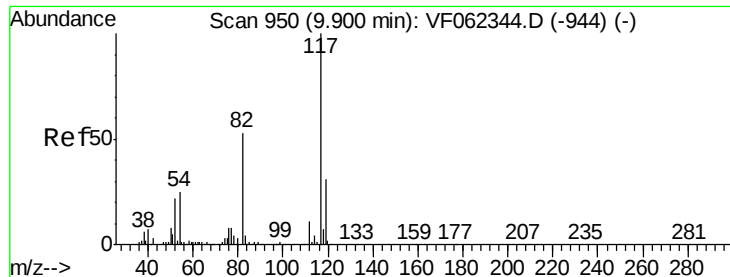
Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.8

176 98.3 0.0 193.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062482.D

Acq: 12 May 2019 2:55

Instrument :

MSVOA_F

ClientSampleId :

P021-SS004-0206-01

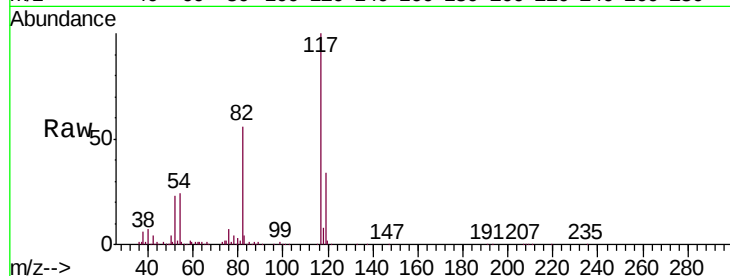
Tgt Ion:117 Resp: 273396

Ion Ratio Lower Upper

117 100

82 55.8 42.2 63.2

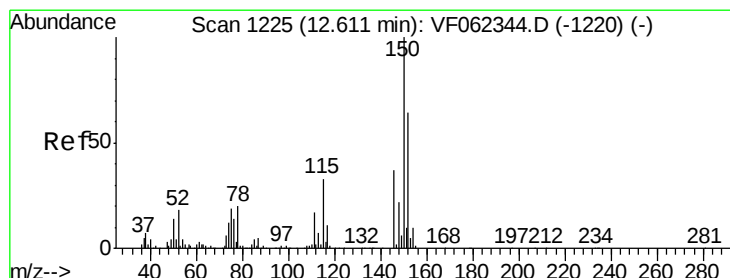
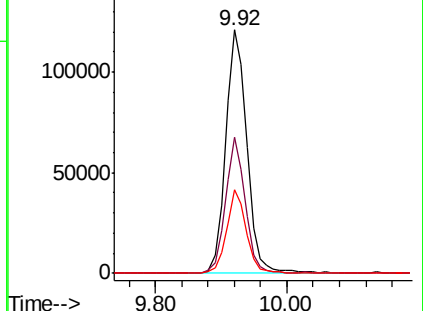
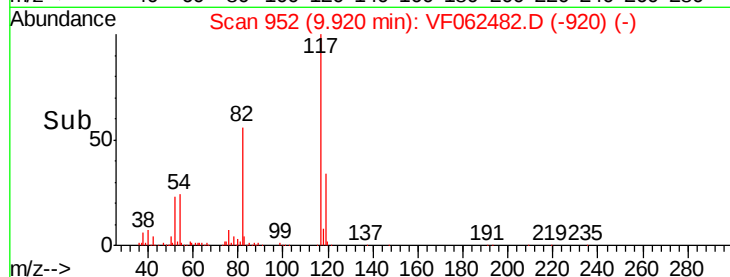
119 34.1 25.0 37.4



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: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062482.D

Acq: 12 May 2019 2:55

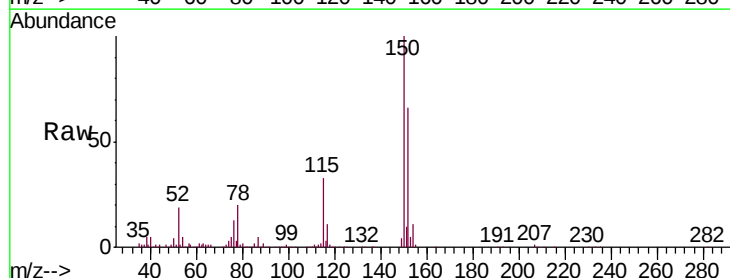
Tgt Ion:152 Resp: 153073

Ion Ratio Lower Upper

152 100

115 53.7 26.4 79.2

150 151.3 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

