

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062537.D
 Acq On : 13 May 2019 8:31
 Operator : FY/SY
 Sample : K2734-18
 Misc : 5.64g/5mL/MSVOA F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-0612-01

Quant Time: May 13 11:06:17 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	5.08	168	290324	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	404773	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	333050	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	171592	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	114995	41.91	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.82%	
35) Dibromofluoromethane	4.33	113	146245	45.35	ug/l	0.03
Spiked Amount 50.000			Recovery	=	90.70%	
50) Toluene-d8	7.73	98	292557	37.48	ug/l	0.03
Spiked Amount 50.000			Recovery	=	74.96%	
62) 4-Bromofluorobenzene	11.51	95	123018	34.93	ug/l	0.02
Spiked Amount 50.000			Recovery	=	69.86%	

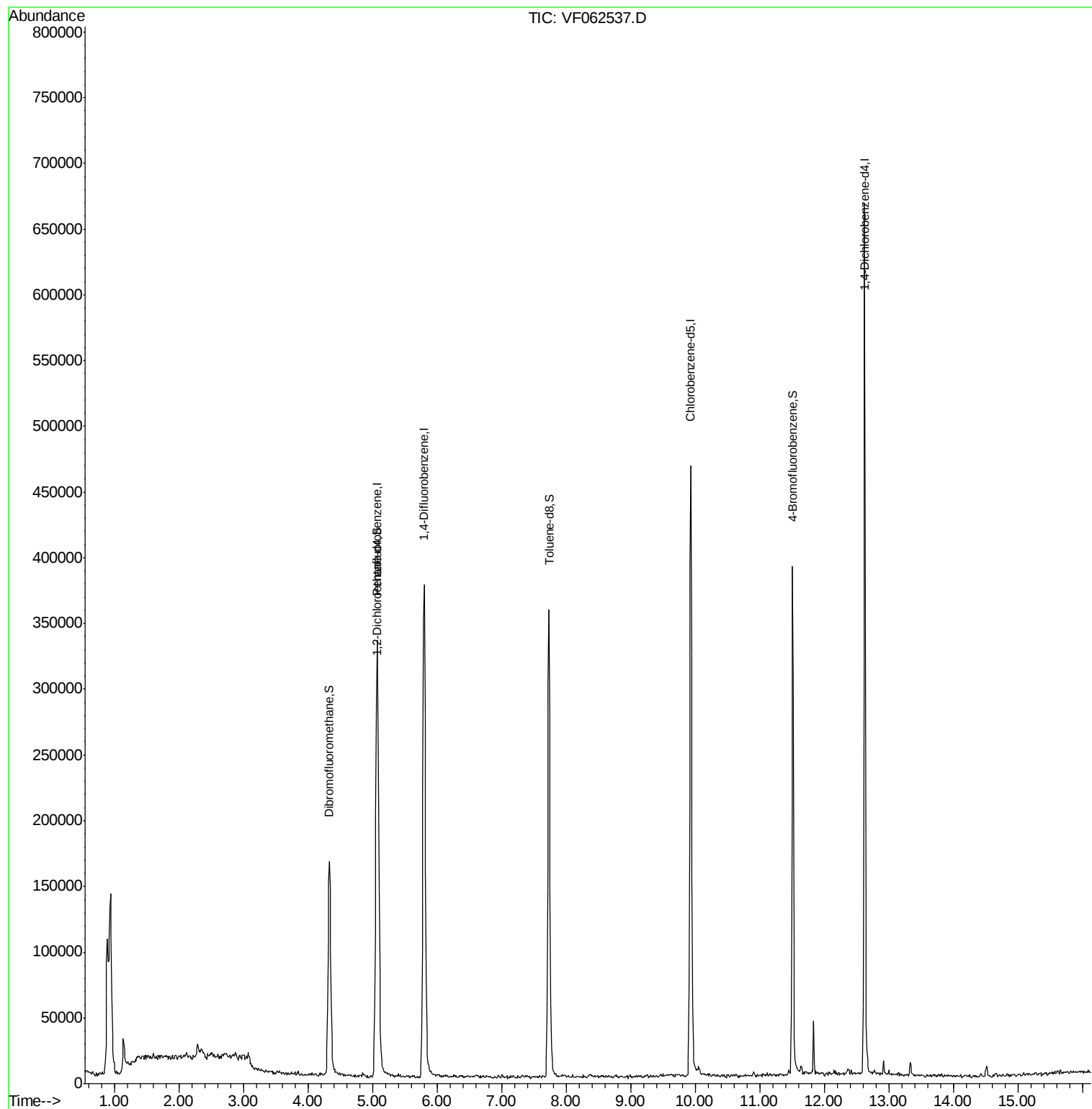
Target Compounds	Qvalue
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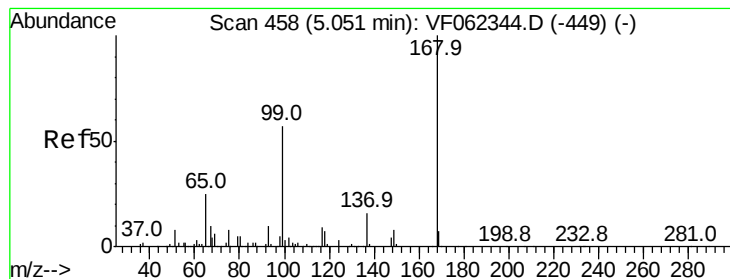
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062537.D

Acq: 13 May 2019 8:31

Instrument :

MSVOA_F

ClientSampleId :

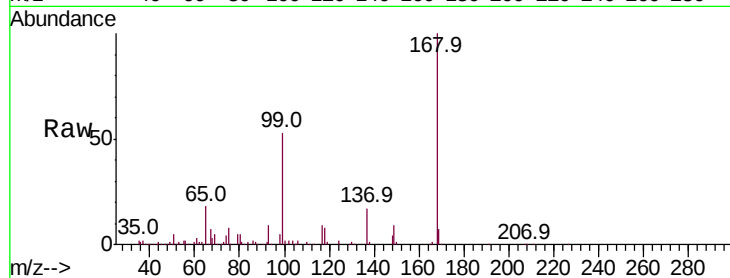
P026-SS014-0612-01

Tot Ion:168 Resp: 290324

Ion Ratio Lower Upper

168 100

99 53.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.08

100000

80000

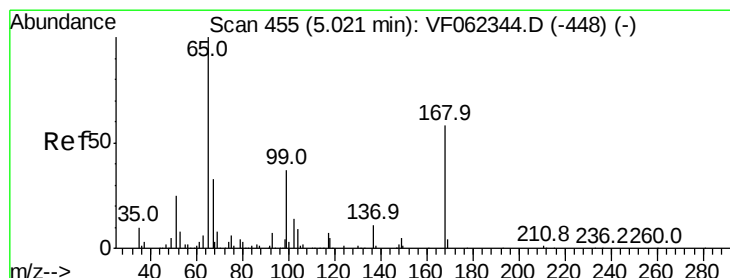
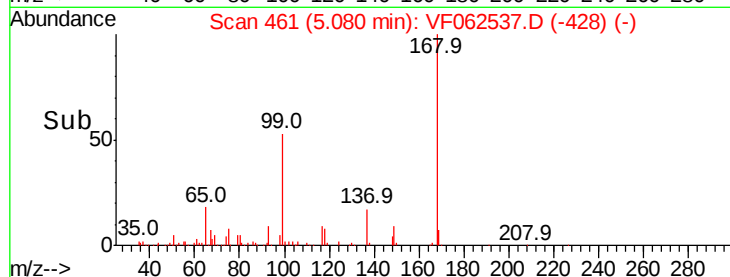
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 41.913 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062537.D

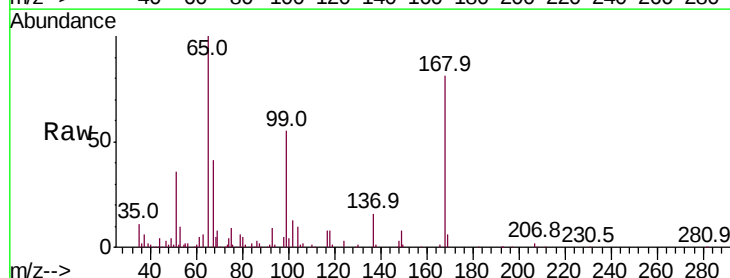
Acq: 13 May 2019 8:31

Tgt Ion: 65 Resp: 114995

Ion Ratio Lower Upper

65 100

67 43.5 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

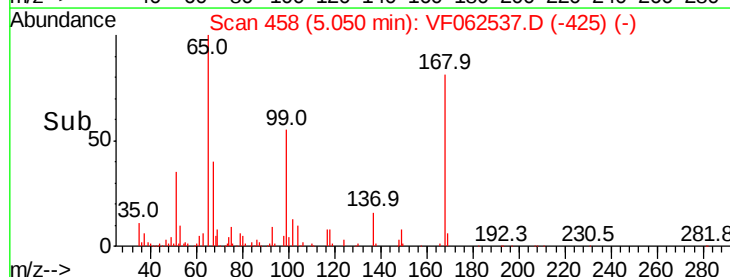
30000

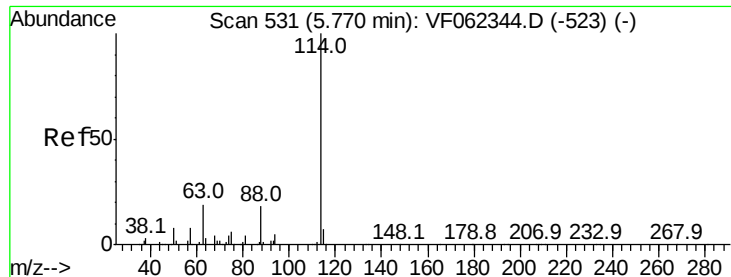
20000

10000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062537.D

Acq: 13 May 2019 8:31

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-0612-01

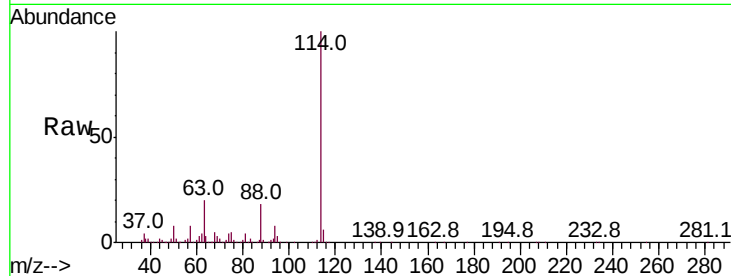
Tot Ion:114 Resp: 404773

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

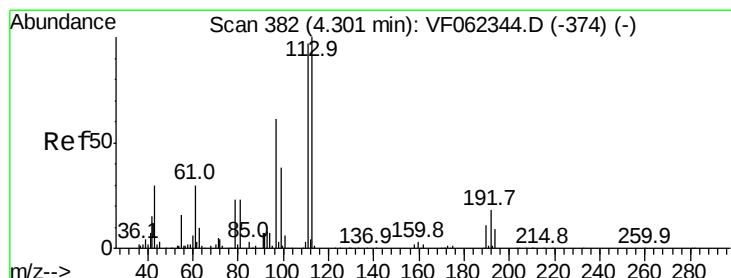
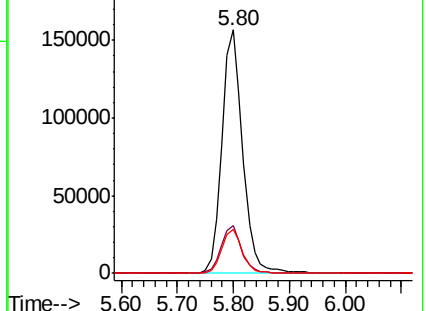
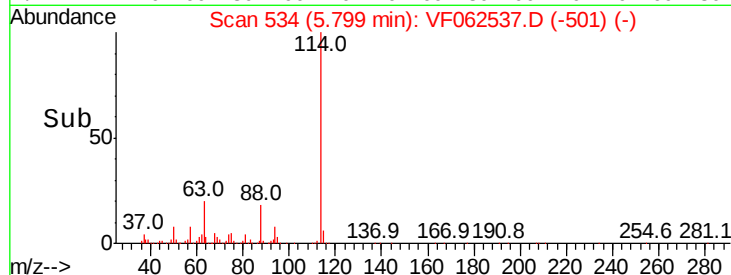
88 18.1 0.0 36.4



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: 45.351 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062537.D

Acq: 13 May 2019 8:31

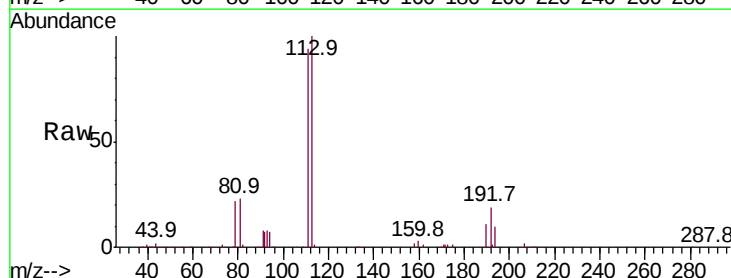
Tgt Ion:113 Resp: 146245

Ion Ratio Lower Upper

113 100

111 99.7 79.4 119.0

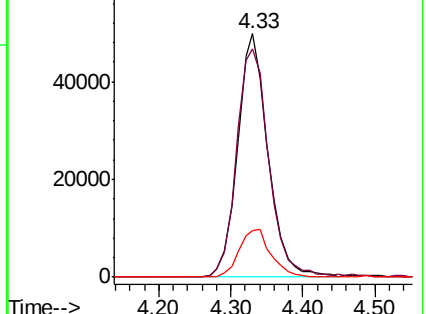
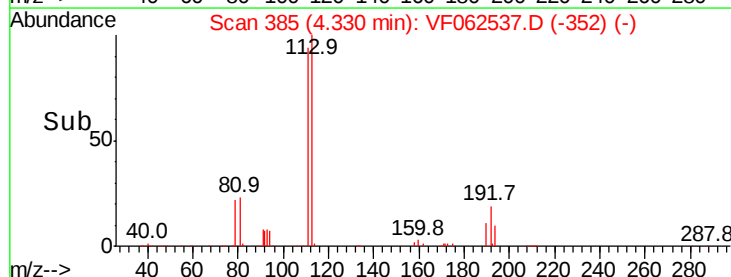
192 20.6 16.0 24.0

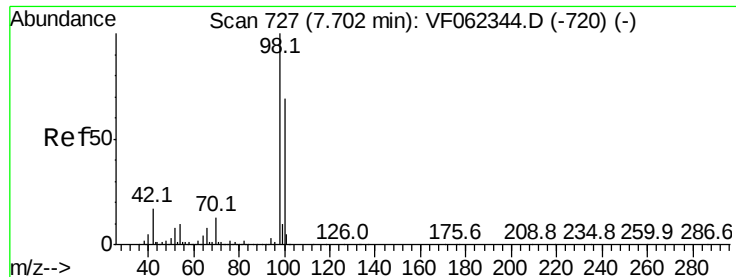


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 37.478 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062537.D

Acq: 13 May 2019 8:31

Instrument :

MSVOA_F

ClientSampleId :

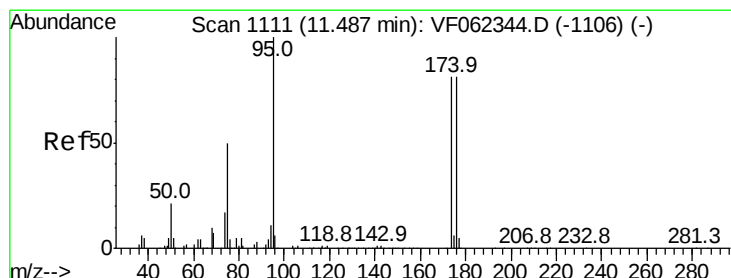
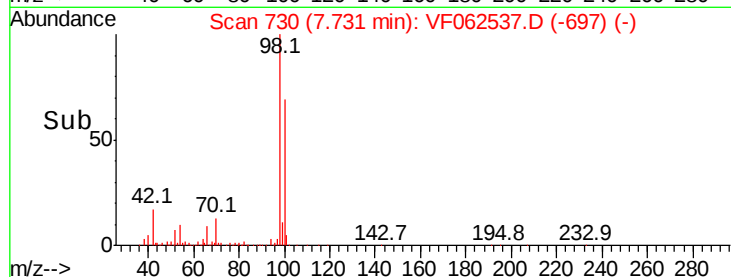
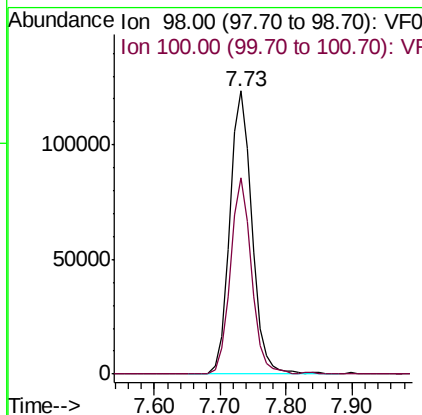
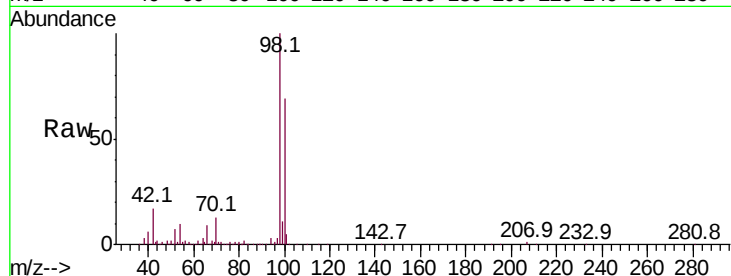
P026-SS014-0612-01

Tot Ion: 98 Resp: 292557

Ion Ratio Lower Upper

98 100

100 66.0 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 34.931 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062537.D

Acq: 13 May 2019 8:31

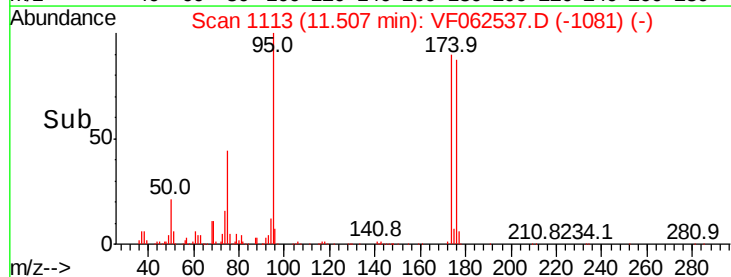
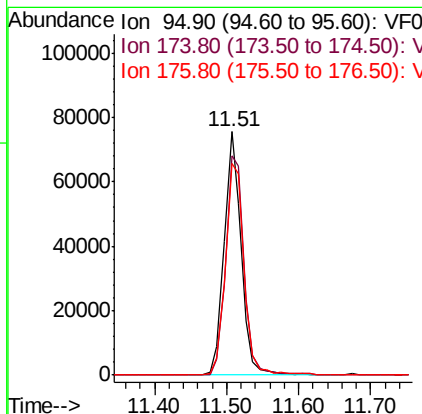
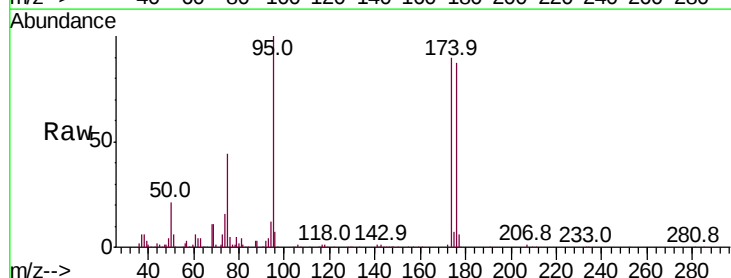
Tgt Ion: 95 Resp: 123018

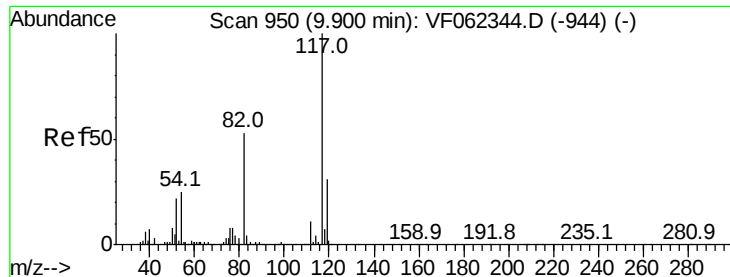
Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.8

176 95.5 0.0 193.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. 0.03 min

Lab File: VF062537.D

Acq: 13 May 2019 8:31

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-0612-01

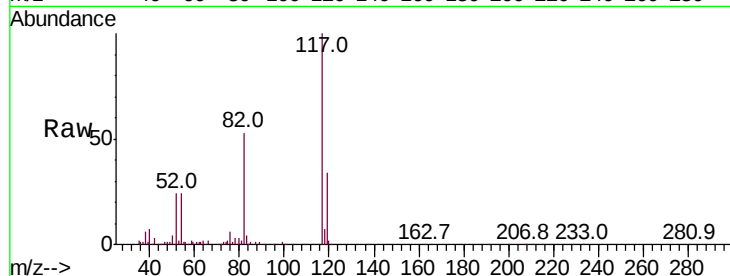
Tot Ion:117 Resp: 333050

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.2

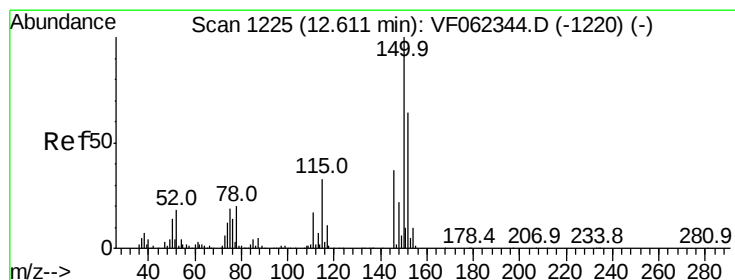
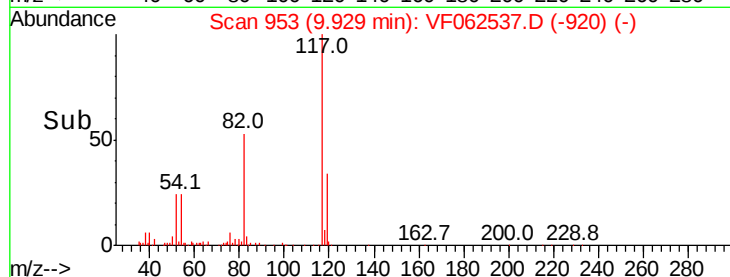
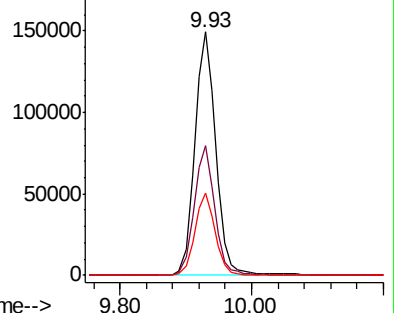
119 33.6 25.0 37.4



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: VF062537.D

Acq: 13 May 2019 8:31

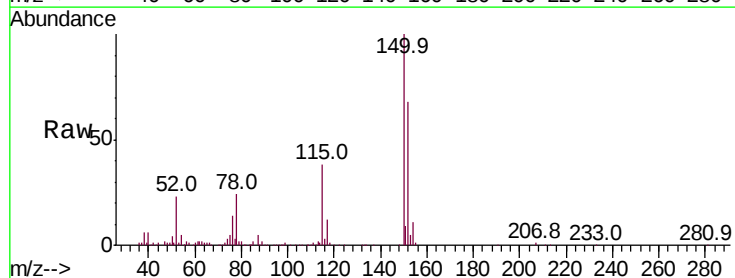
Tgt Ion:152 Resp: 171592

Ion Ratio Lower Upper

152 100

115 53.5 26.4 79.2

150 151.8 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

