

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062440.D
 Acq On : 11 May 2019 1:49
 Operator : FY/SY
 Sample : K2746-01
 Misc : 5.01g/5mL/MSVOA F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-5.8.19

Quant Time: May 11 06:36:57 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	239181	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	373572	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	289580	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	164978	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	190573	84.31	ug/l	0.02
Spiked Amount			Recovery	=	168.62%	
35) Dibromofluoromethane	4.31	113	209324	70.33	ug/l	0.01
Spiked Amount			Recovery	=	140.66%	
50) Toluene-d8	7.71	98	315176	43.75	ug/l	0.01
Spiked Amount			Recovery	=	87.50%	
62) 4-Bromofluorobenzene	11.50	95	157441	48.44	ug/l	0.01
Spiked Amount			Recovery	=	96.88%	

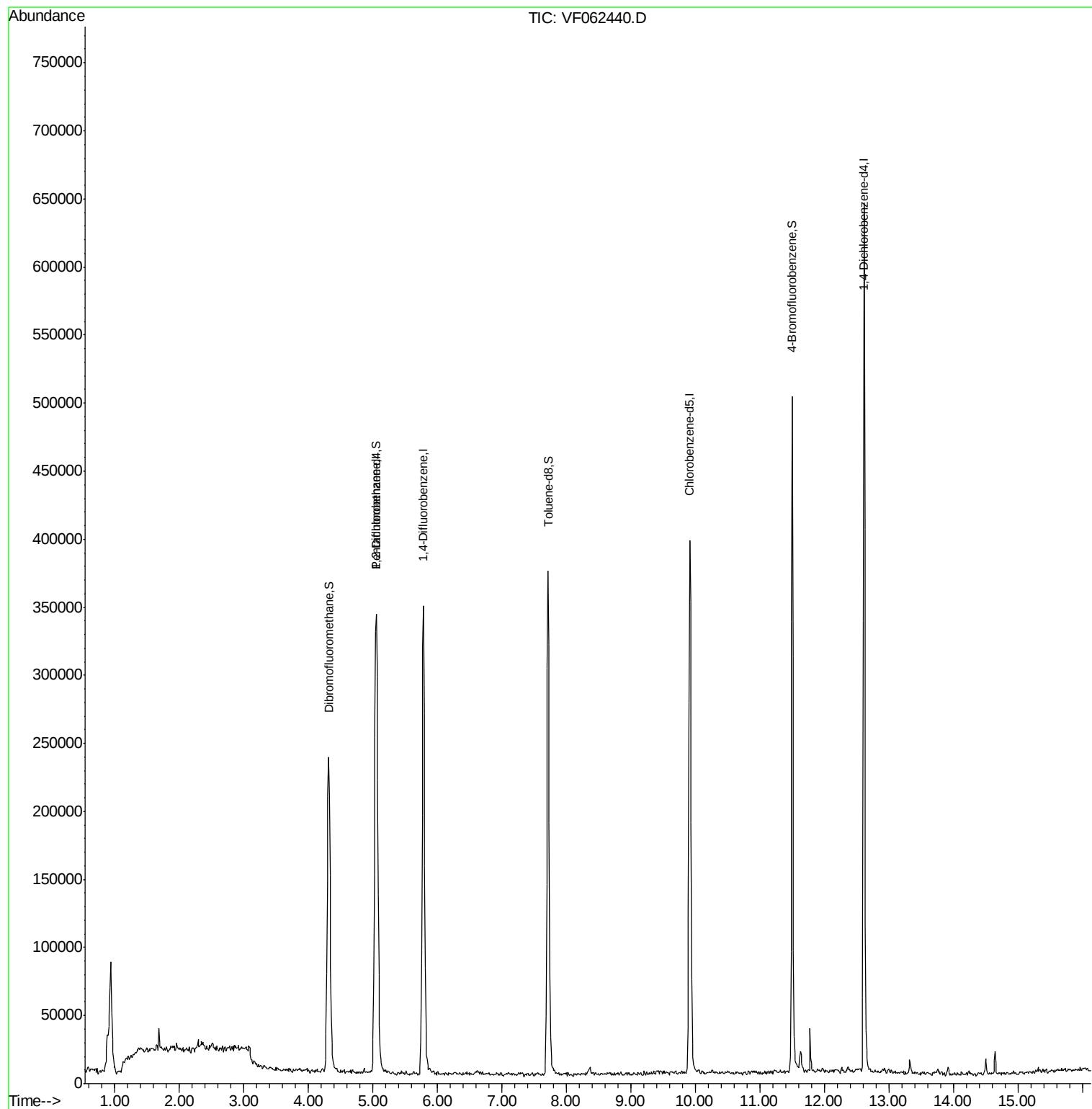
Target Compounds	Qvalue
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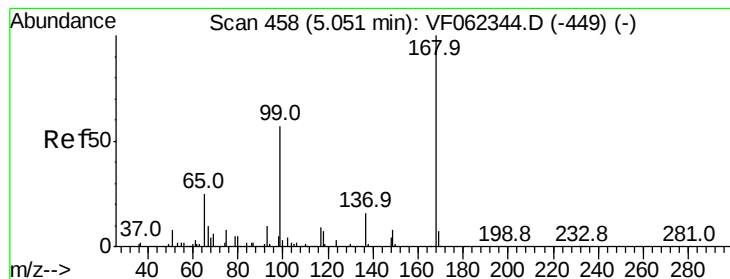
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 04:34:57 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062440.D

Acq: 11 May 2019 1:49

Instrument :

MSVOA_F

ClientSampleId :

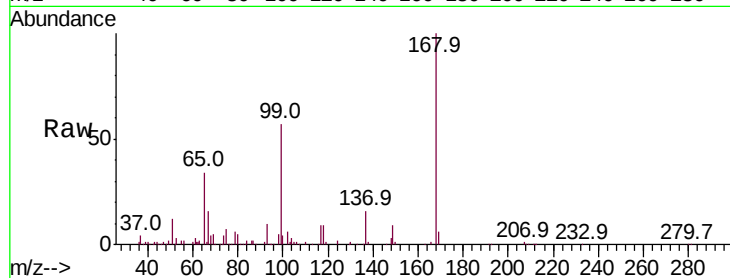
COMP-5.8.19

Tot Ion:168 Resp: 239181

Ion Ratio Lower Upper

168 100

99 57.2 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

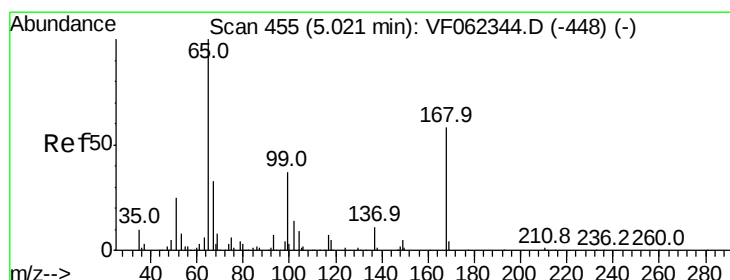
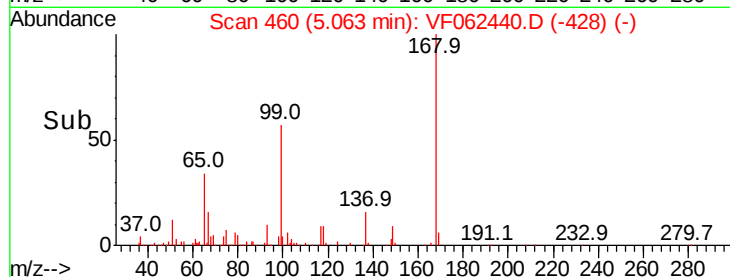
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 84.311 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062440.D

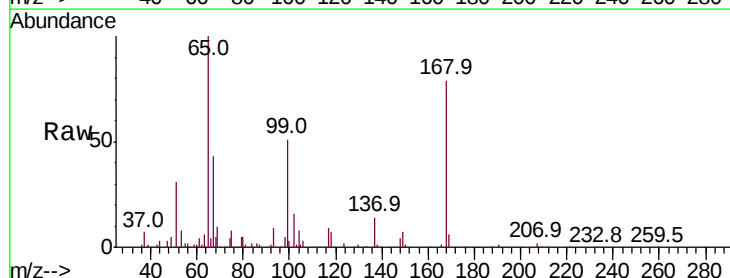
Acq: 11 May 2019 1:49

Tgt Ion: 65 Resp: 190573

Ion Ratio Lower Upper

65 100

67 44.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

60000

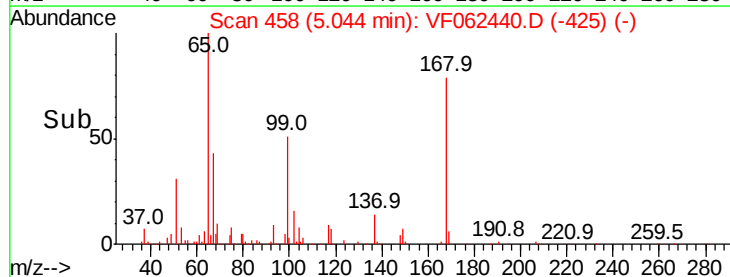
40000

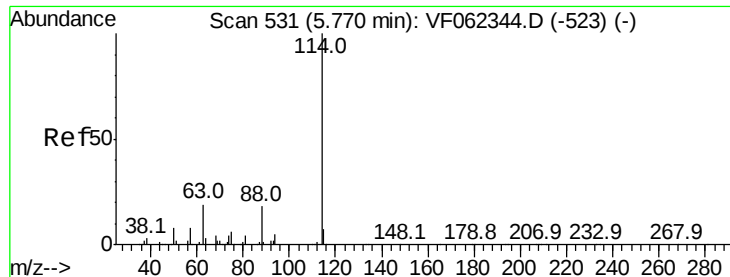
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF062440.D

Acq: 11 May 2019 1:49

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

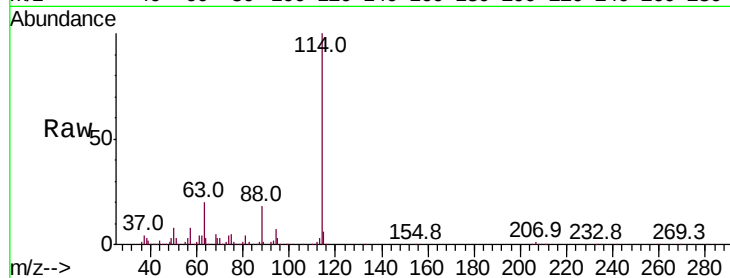
Tot Ion:114 Resp: 373572

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

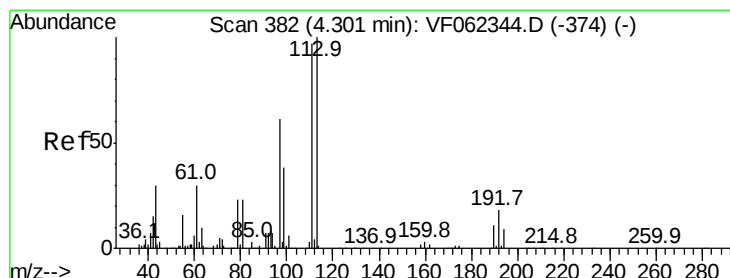
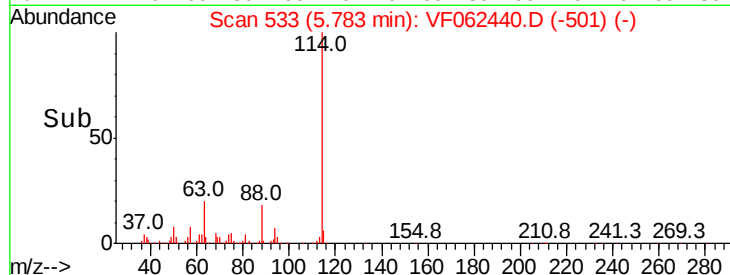
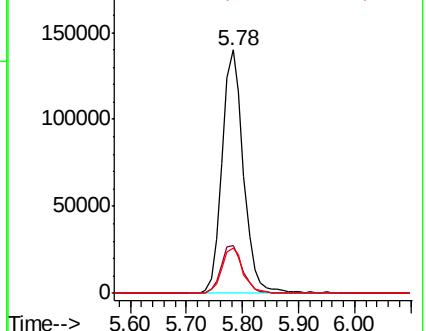
88 18.4 0.0 36.4



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: 70.333 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062440.D

Acq: 11 May 2019 1:49

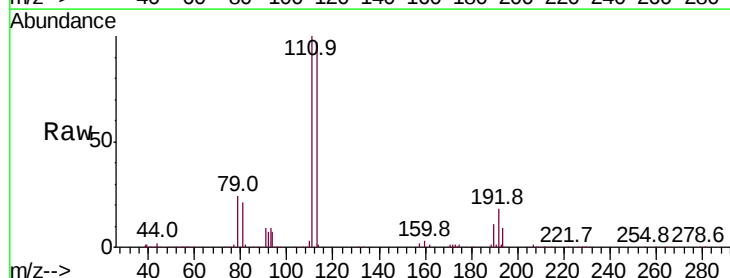
Tgt Ion:113 Resp: 209324

Ion Ratio Lower Upper

113 100

111 103.3 79.4 119.0

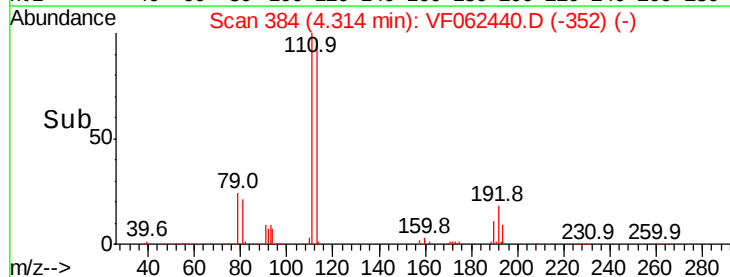
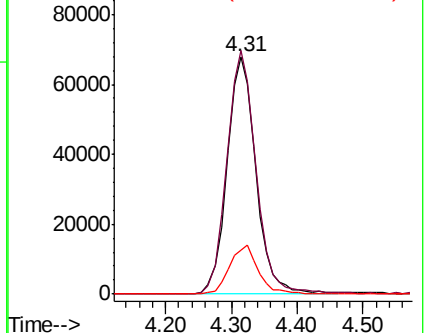
192 20.6 16.0 24.0

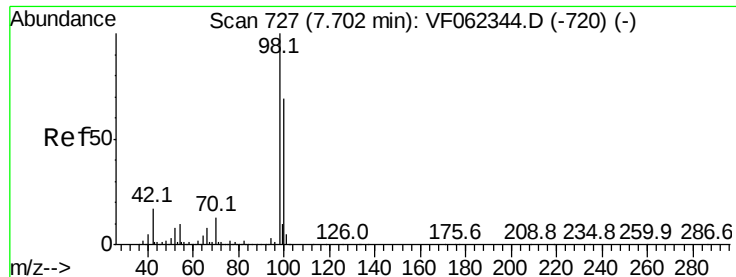


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.748 ug/l

RT: 7.71 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF062440.D

Acq: 11 May 2019 1:49

Instrument :

MSVOA_F

ClientSampleId :

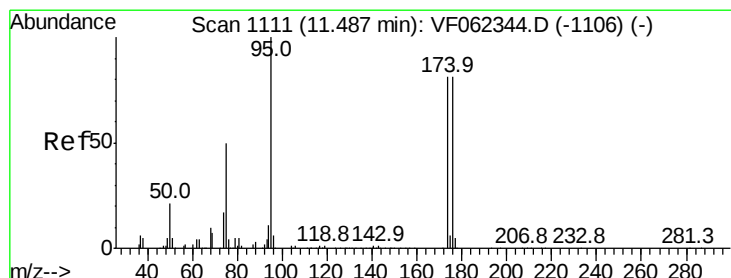
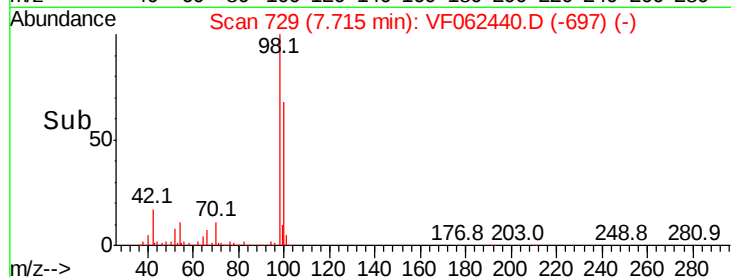
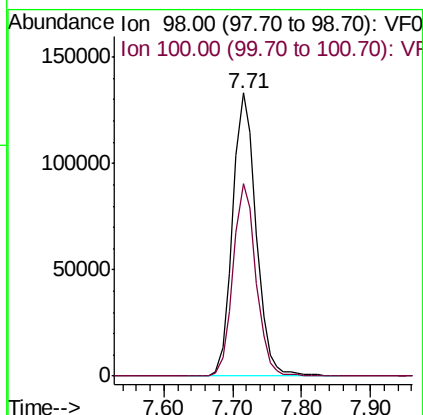
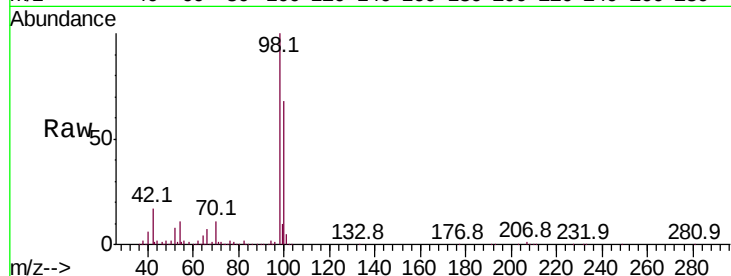
COMP-5.8.19

Tot Ion: 98 Resp: 315176

Ion Ratio Lower Upper

98 100

100 66.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 48.439 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062440.D

Acq: 11 May 2019 1:49

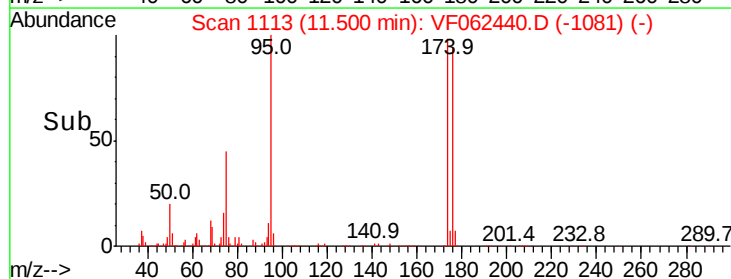
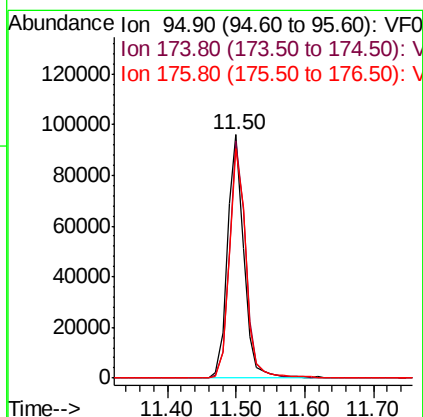
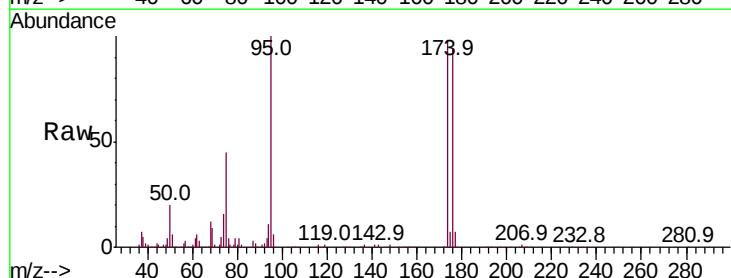
Tgt Ion: 95 Resp: 157441

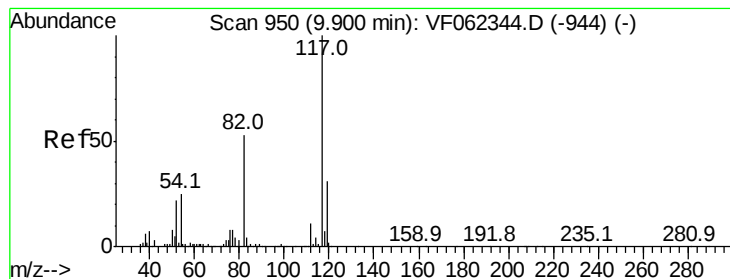
Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.8

176 95.1 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: VF062440.D

Acq: 11 May 2019 1:49

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

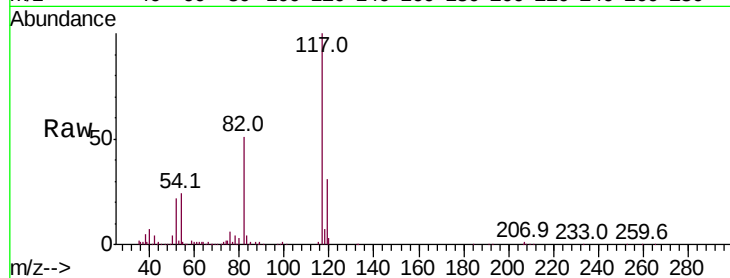
Tot Ion:117 Resp: 289580

Ion Ratio Lower Upper

117 100

82 51.4 42.2 63.2

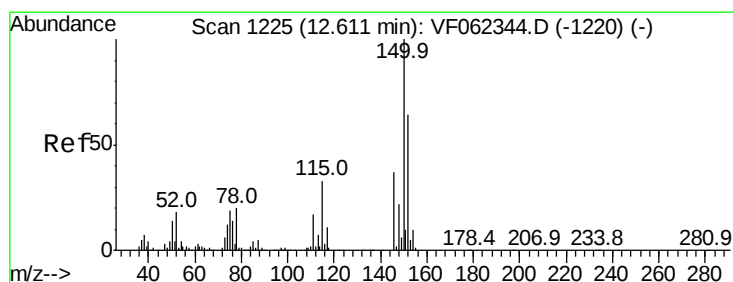
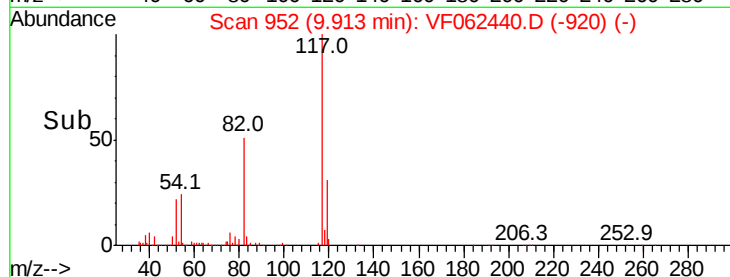
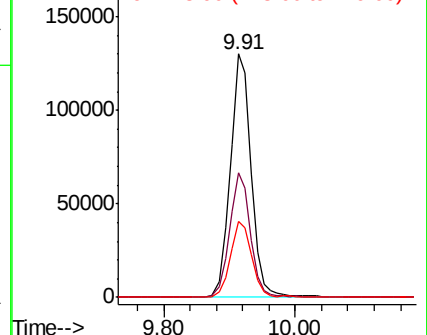
119 31.2 25.0 37.4



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: VF062440.D

Acq: 11 May 2019 1:49

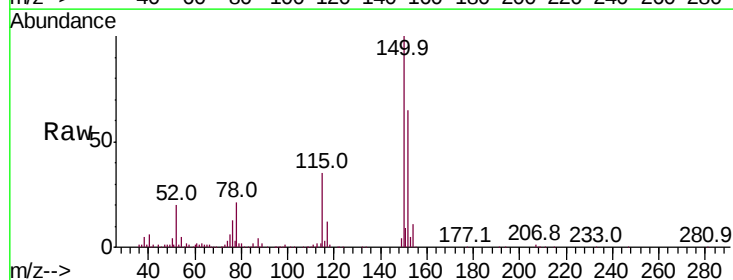
Tgt Ion:152 Resp: 164978

Ion Ratio Lower Upper

152 100

115 52.7 26.4 79.2

150 152.7 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

