

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052419\
 Data File : VF062745.D
 Acq On : 24 May 2019 14:14
 Operator : FY/SY
 Sample : K2643-11
 Misc : 6.82g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-052319-B

Quant Time: May 24 23:41:49 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	106332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	123131	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	59273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	12154	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	9721	12.94	ug/l	0.01
Spiked Amount			Recovery	=	25.88%	
35) Dibromofluoromethane	4.32	113	25885	27.47	ug/l	0.00
Spiked Amount			Recovery	=	54.94%	
50) Toluene-d8	7.72	98	85396	37.96	ug/l	0.00
Spiked Amount			Recovery	=	75.92%	
62) 4-Bromofluorobenzene	11.50	95	14378	16.85	ug/l	0.00
Spiked Amount			Recovery	=	33.70%	

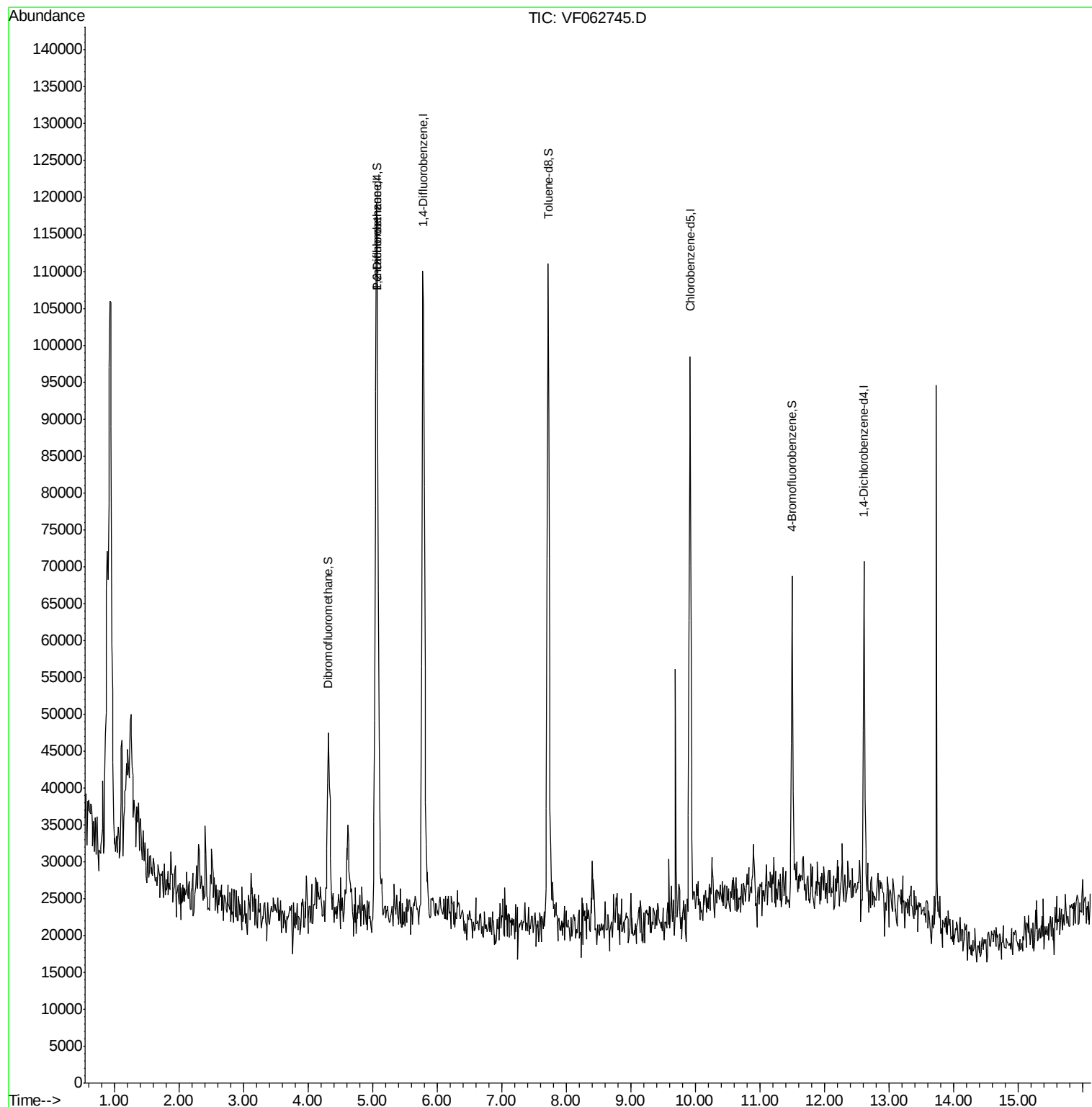
Target Compounds	Qvalue
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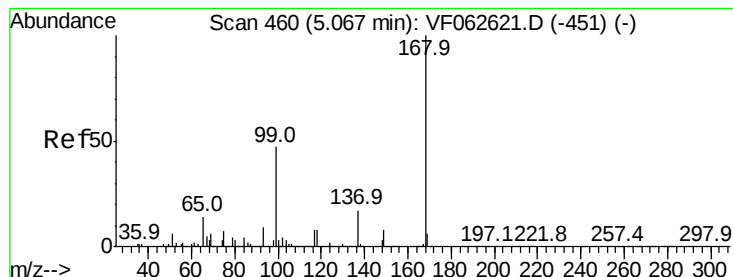
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062745.D

Acq: 24 May 2019 14:14

Instrument :

MSVOA_F

ClientSampleId :

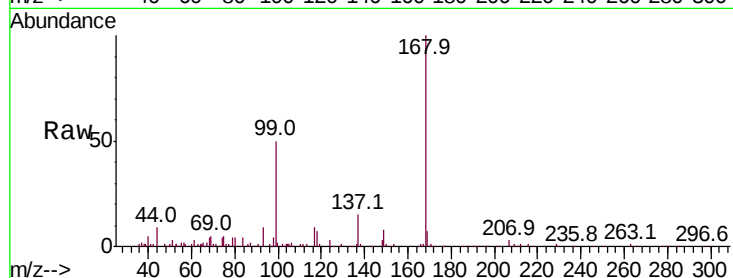
OR-03-052319-B

Tot Ion:168 Resp: 106332

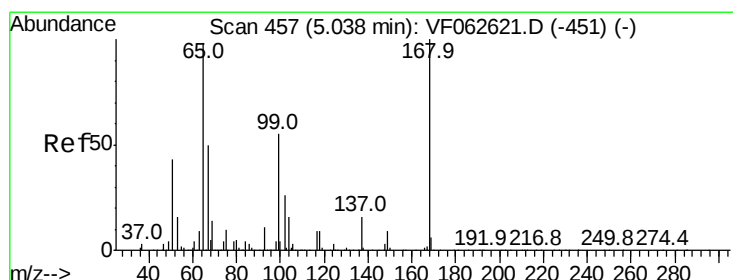
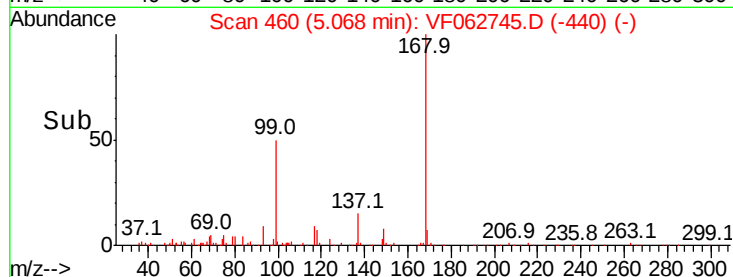
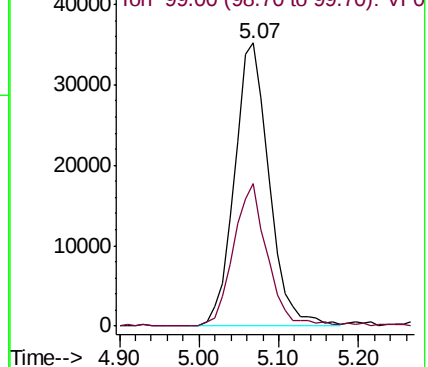
Ion Ratio Lower Upper

168 100

99 50.4 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 12.937 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062745.D

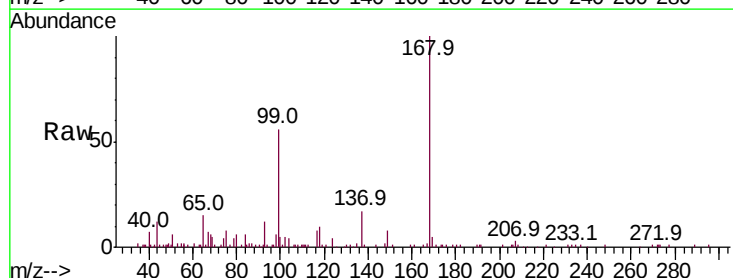
Acq: 24 May 2019 14:14

Tgt Ion: 65 Resp: 9721

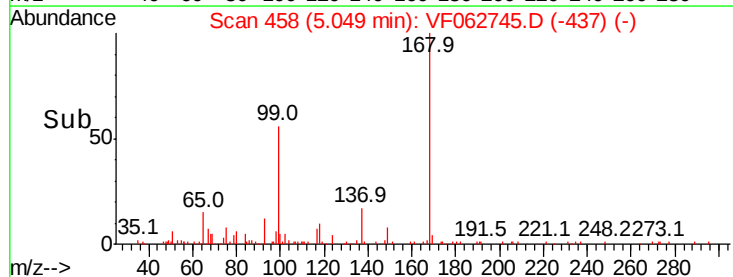
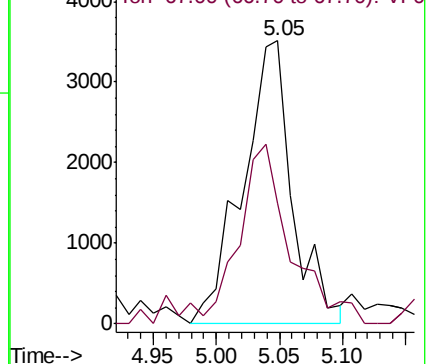
Ion Ratio Lower Upper

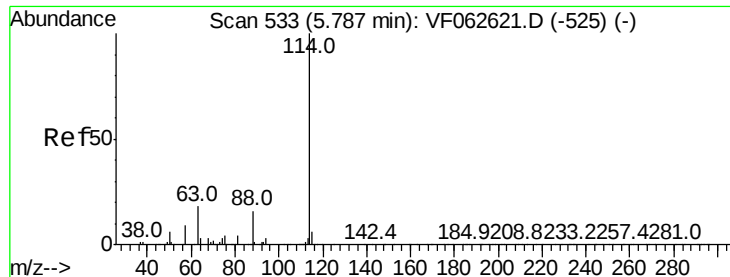
65 100

67 42.7 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF062745.D

Acq: 24 May 2019 14:14

Instrument :

MSVOA_F

ClientSampleId :

OR-03-052319-B

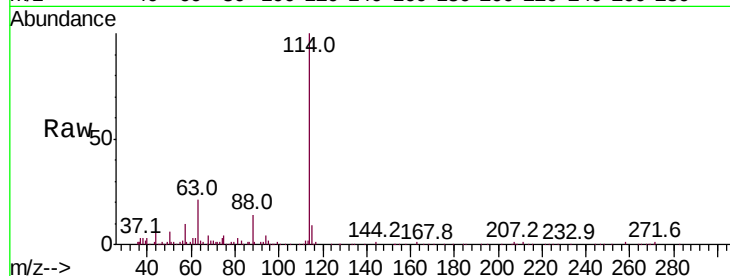
Tot Ion:114 Resp: 123131

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.4

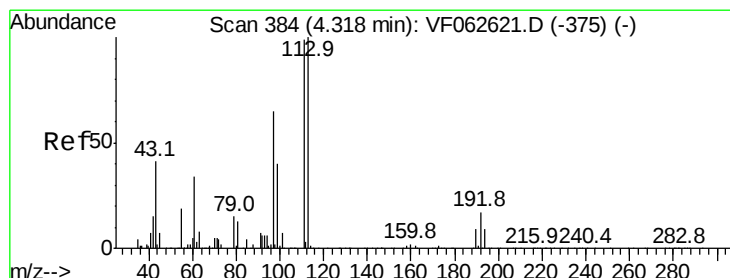
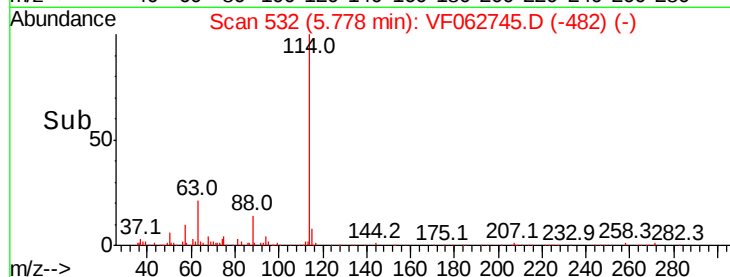
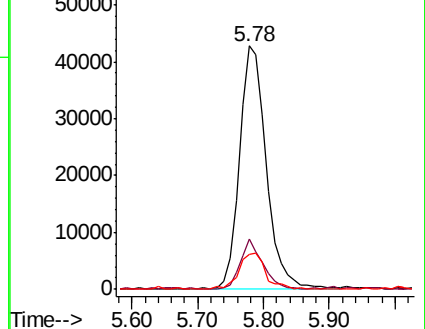
88 14.4 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 27.473 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062745.D

Acq: 24 May 2019 14:14

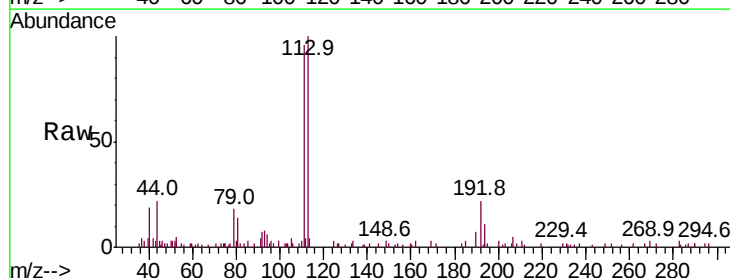
Tgt Ion:113 Resp: 25885

Ion Ratio Lower Upper

113 100

111 92.1 79.4 119.2

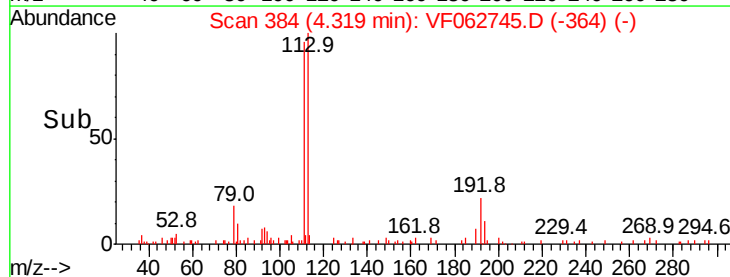
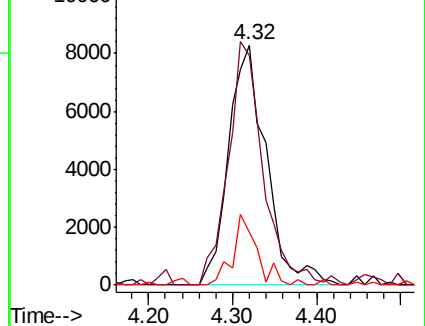
192 21.1 13.4 20.2#

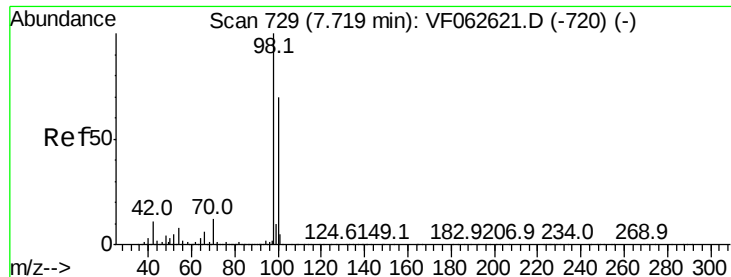


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 37.960 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.00 min

Lab File: VF062745.D

Acq: 24 May 2019 14:14

Instrument :

MSVOA_F

ClientSampleId :

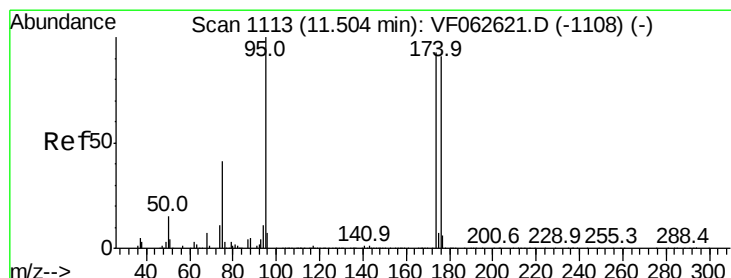
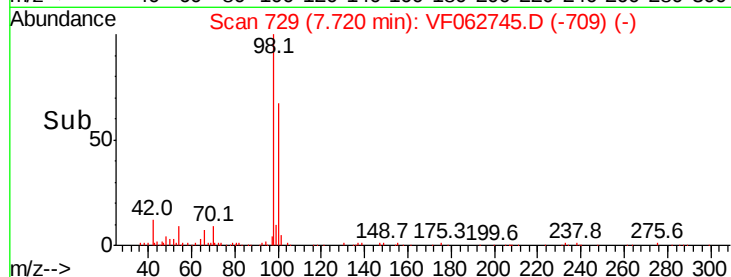
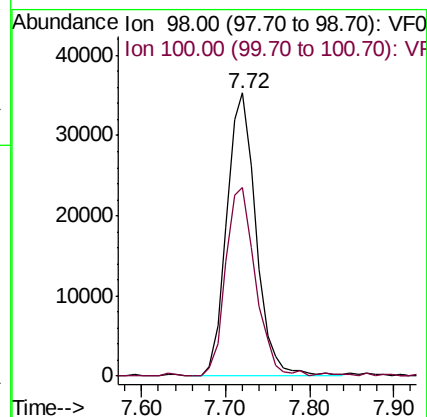
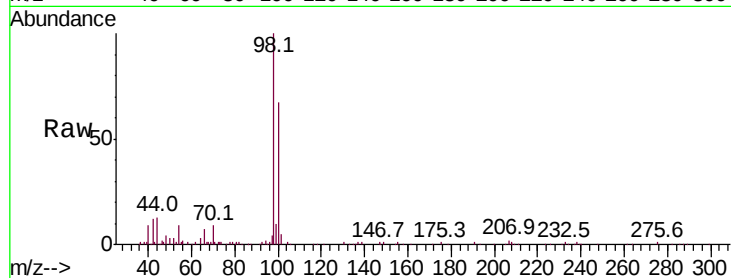
OR-03-052319-B

Tot Ion: 98 Resp: 85396

Ion Ratio Lower Upper

98 100

100 66.8 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 16.852 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062745.D

Acq: 24 May 2019 14:14

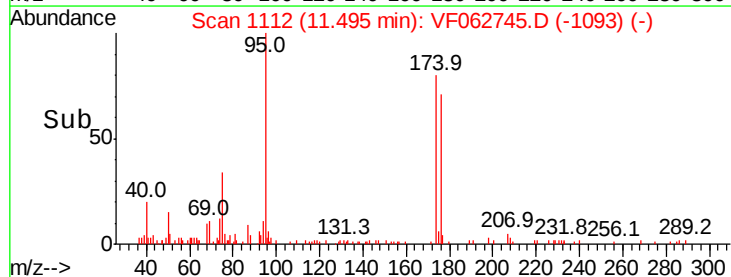
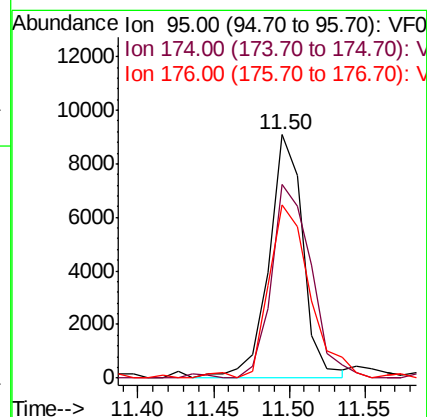
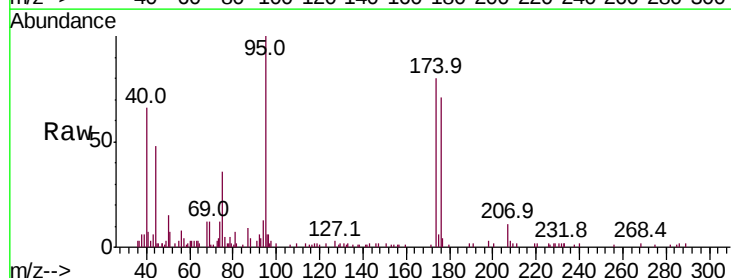
Tgt Ion: 95 Resp: 14378

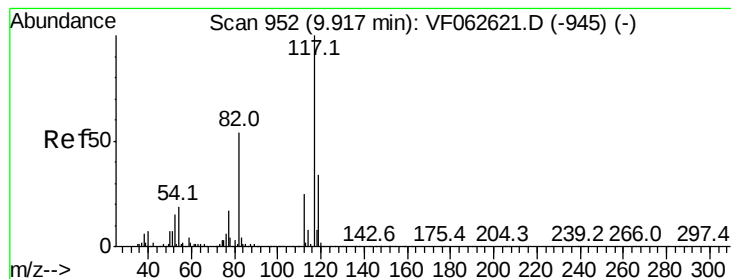
Ion Ratio Lower Upper

95 100

174 79.7 0.0 185.6

176 71.3 0.0 182.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF062745.D

Acq: 24 May 2019 14:14

Instrument :

MSVOA_F

ClientSampleId :

OR-03-052319-B

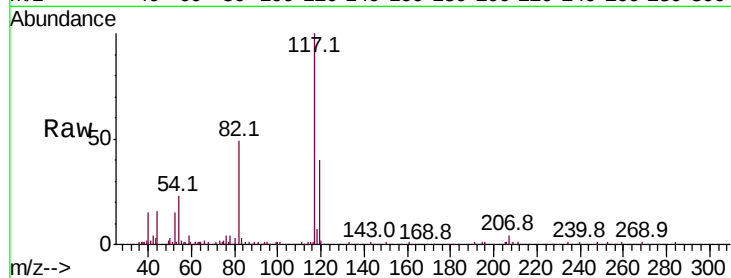
Tot Ion:117 Resp: 59273

Ion Ratio Lower Upper

117 100

82 48.8 43.3 64.9

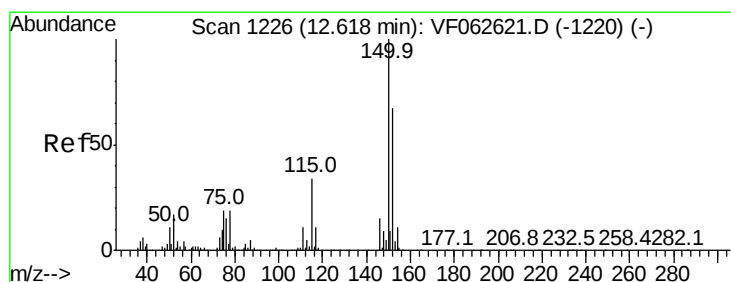
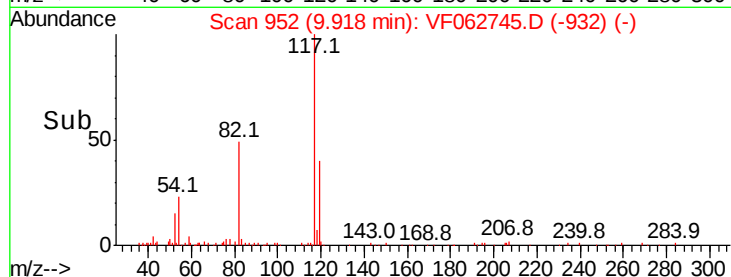
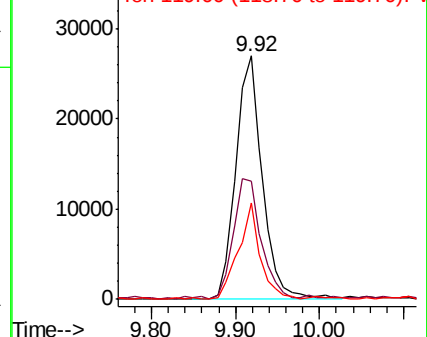
119 39.5 27.4 41.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062745.D

Acq: 24 May 2019 14:14

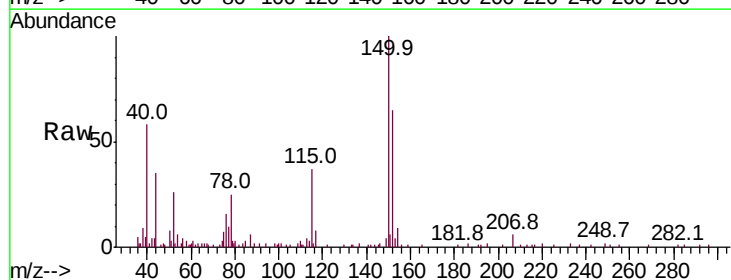
Tgt Ion:152 Resp: 12154

Ion Ratio Lower Upper

152 100

115 57.2 25.2 75.6

150 153.1 0.0 306.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

