

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062412.D
 Acq On : 9 May 2019 22:54
 Operator : FY/SY
 Sample : K2645-09
 Misc : 6.33q/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-050719-E

Quant Time: May 10 04:09:04 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

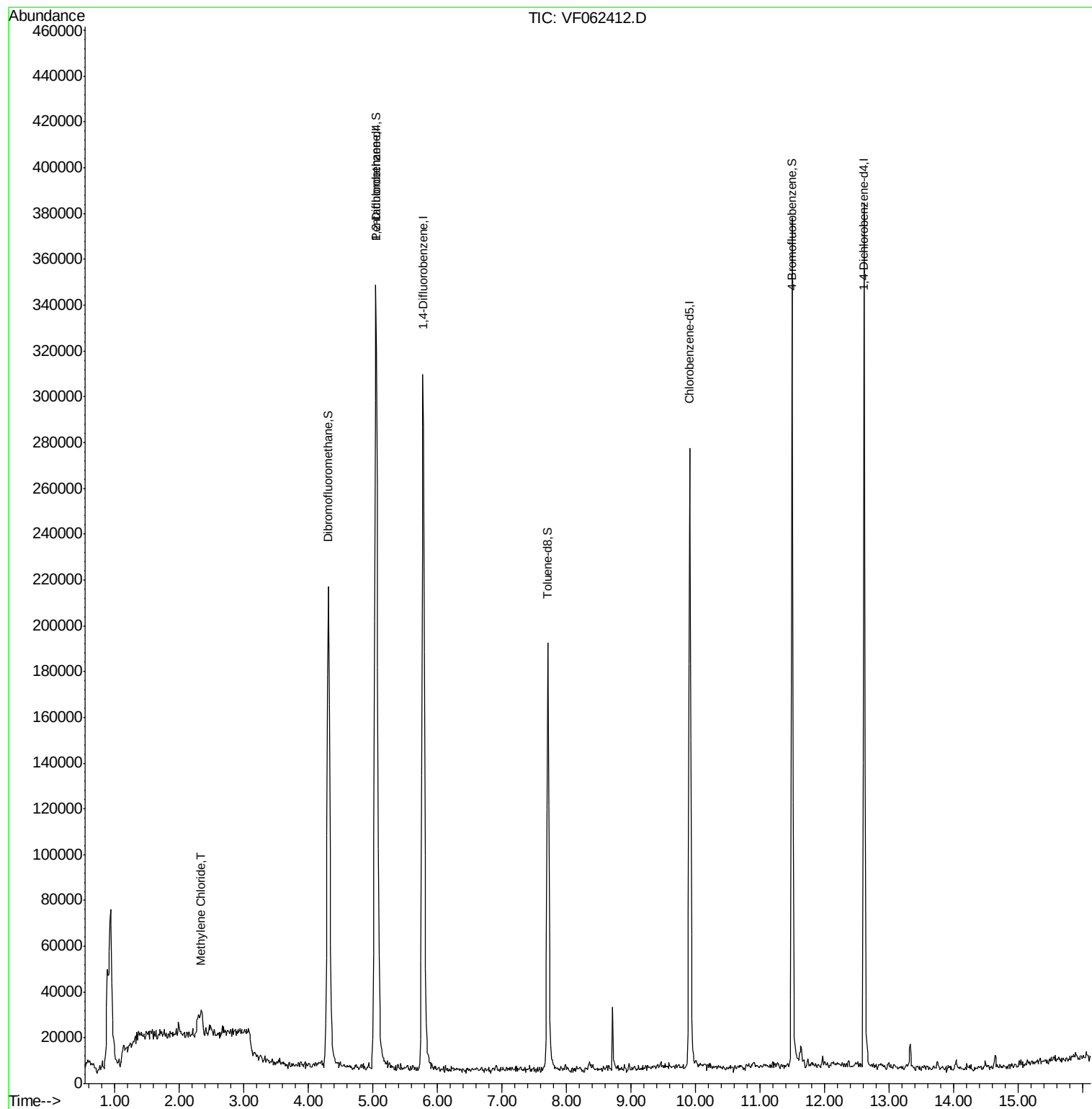
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	248632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	336741	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	195152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	106272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	180610	76.87	ug/l	0.01
Spiked Amount 50.000			Recovery	=	153.74%	
35) Dibromofluoromethane	4.30	113	198214	73.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	147.76%	
50) Toluene-d8	7.71	98	157308	24.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	48.44%	
62) 4-Bromofluorobenzene	11.49	95	116650	39.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.62%	
Target Compounds						
20) Methylene Chloride	2.34	84	9393	5.462	ug/l	Qvalue 96

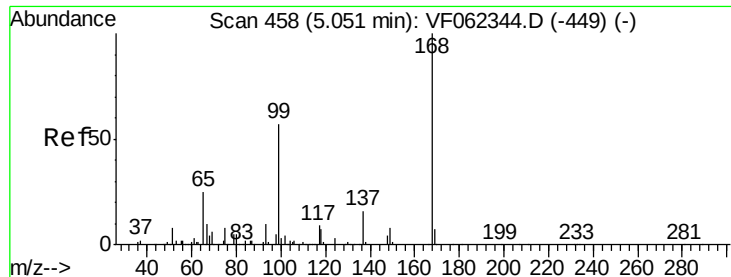
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.05 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF062412.D

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MSVOA_F

ClientSampleId :

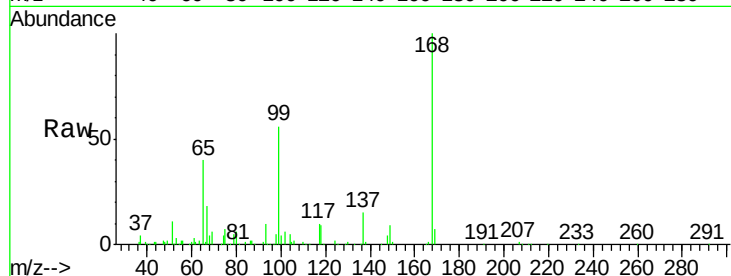
PL-02-050719-E

Tot Ion:168 Resp: 248632

Ion Ratio Lower Upper

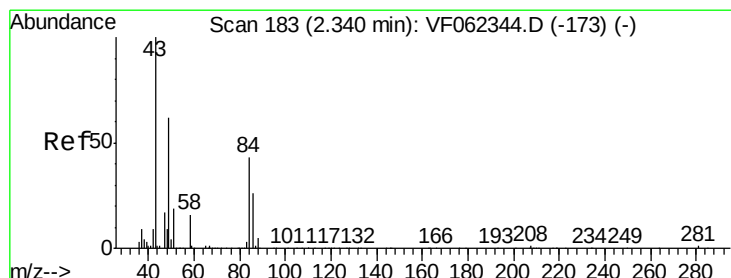
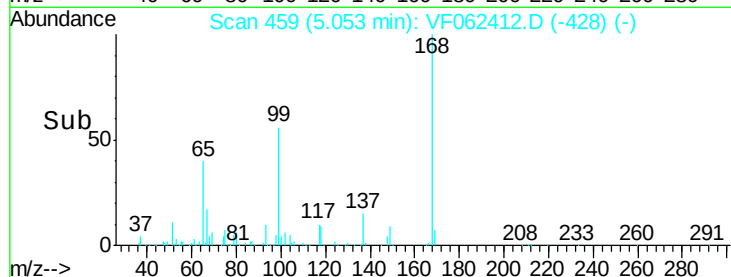
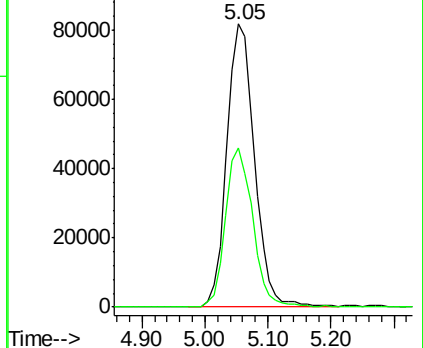
168 100

99 56.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#20

Methylene Chloride

Concen: 5.462 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF062412.D

Acq: 9 May 2019 22:54

Tgt Ion: 84 Resp: 9393

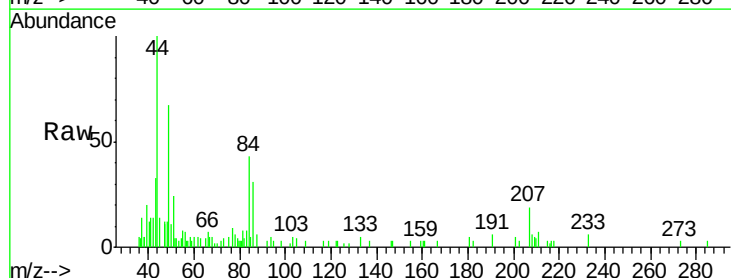
Ion Ratio Lower Upper

84 100

49 148.3 117.5 176.3

51 46.7 37.0 55.4

86 72.2 49.3 73.9

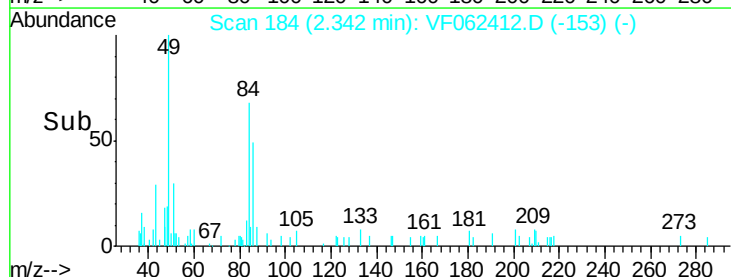
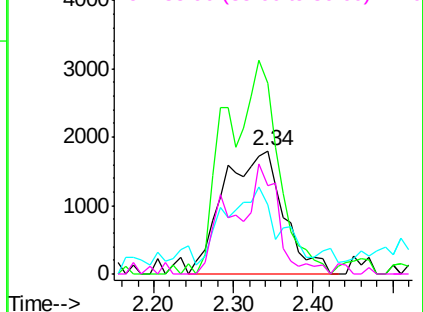


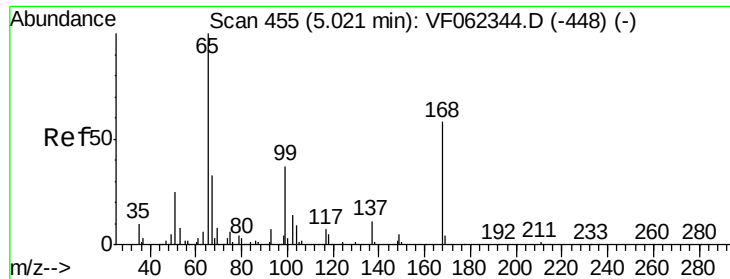
Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0

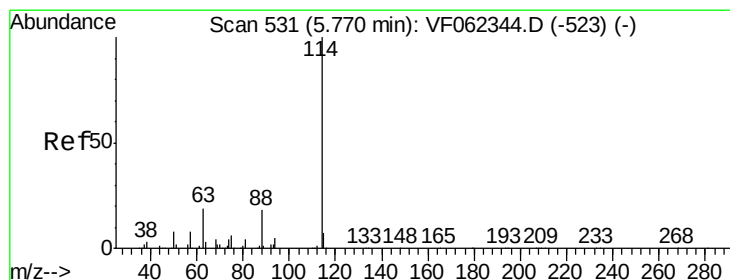
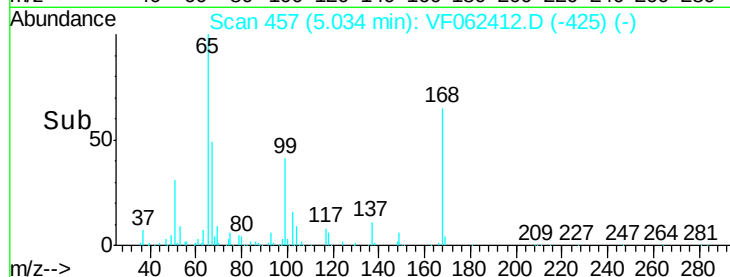
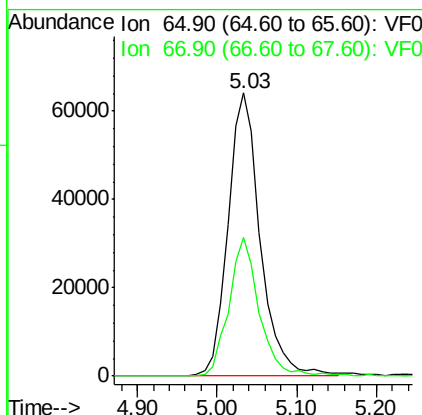
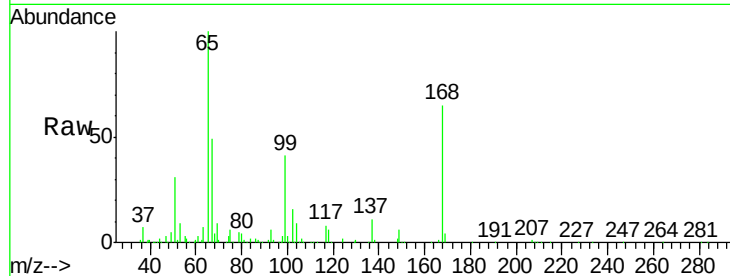




#33
 1,2-Dichloroethane-d4
 Concen: 76.866 ug/l
 RT: 5.03 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: VF062412.D
 Acq: 9 May 2019 22:54

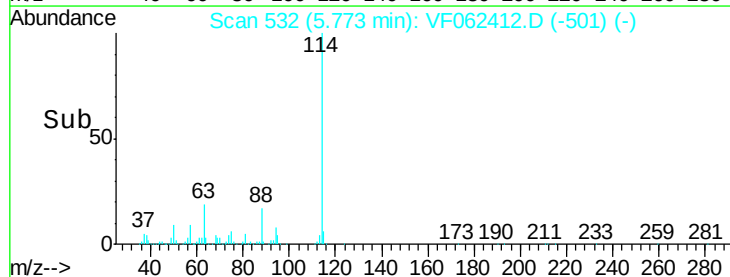
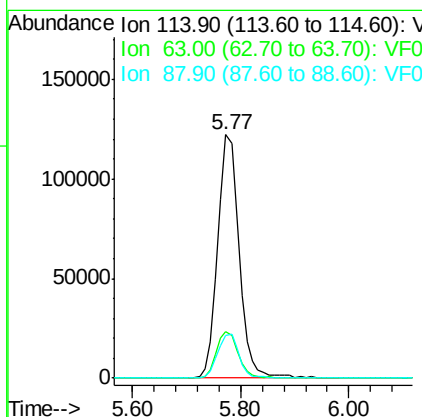
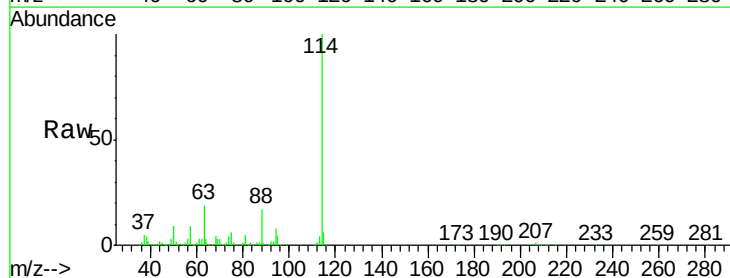
Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-050719-E

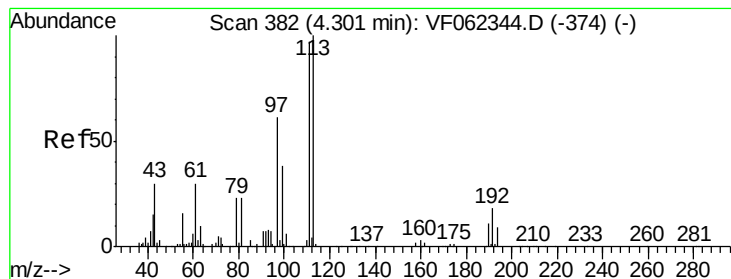
Tot Ion: 65 Resp: 180610
 Ion Ratio Lower Upper
 65 100
 67 46.9 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF062412.D
 Acq: 9 May 2019 22:54

Tgt Ion: 114 Resp: 336741
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.4
 88 17.4 0.0 36.4





#35

Dibromofluoromethane

Concen: 73.884 ug/l

RT: 4.30 min Scan# 383

Delta R.T. 0.00 min

Lab File: VF062412.D

Acq: 9 May 2019 22:54

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-E

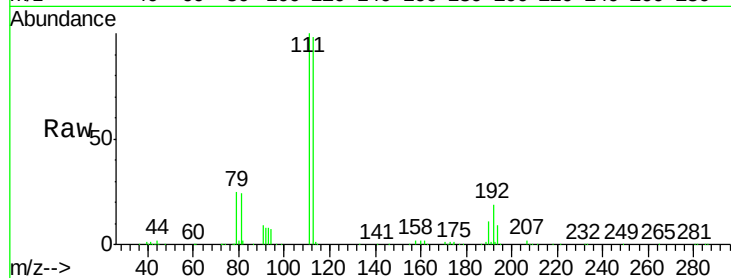
Tot Ion:113 Resp: 198214

Ion Ratio Lower Upper

113 100

111 100.5 79.4 119.0

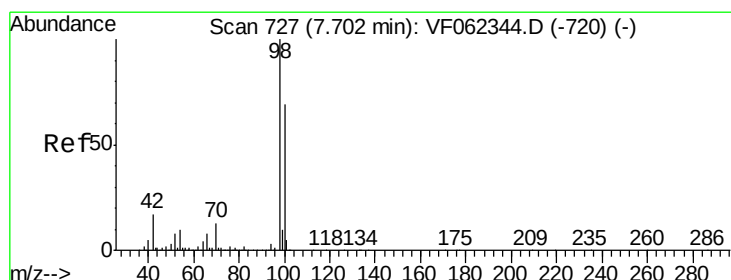
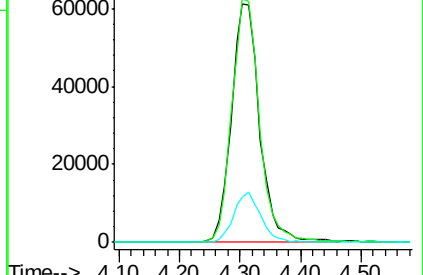
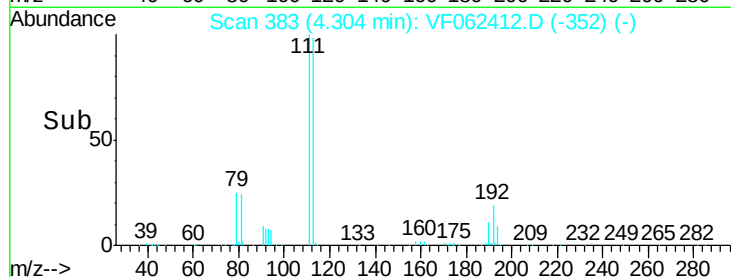
192 20.1 16.0 24.0



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: 24.224 ug/l

RT: 7.71 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF062412.D

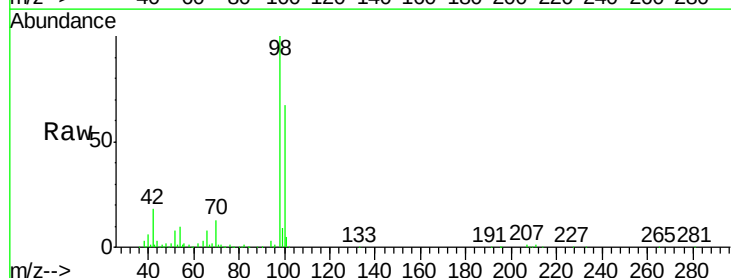
Acq: 9 May 2019 22:54

Tgt Ion: 98 Resp: 157308

Ion Ratio Lower Upper

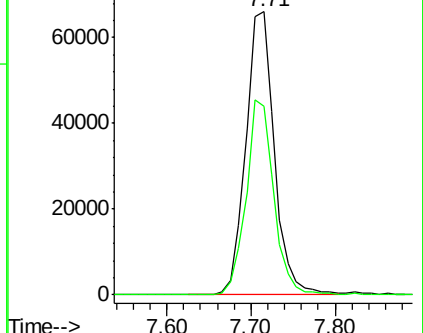
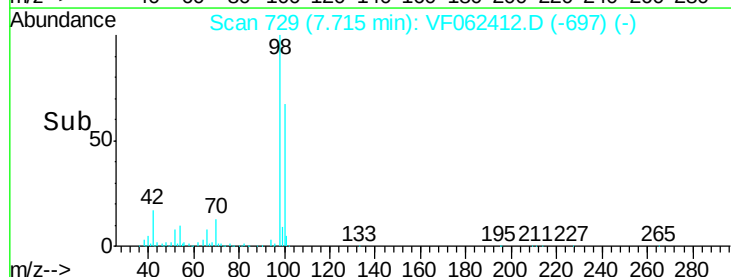
98 100

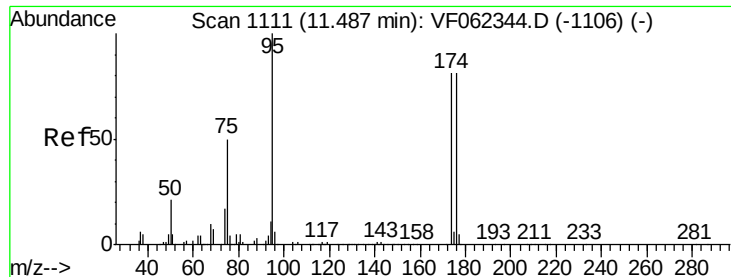
100 66.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 39.814 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF062412.D

Acq: 9 May 2019 22:54

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-E

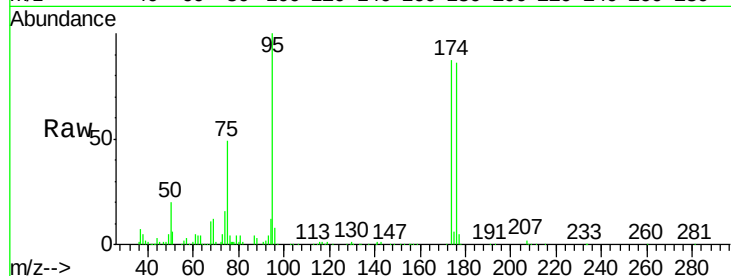
Tot Ion: 95 Resp: 116650

Ion Ratio Lower Upper

95 100

174 98.4 0.0 191.8

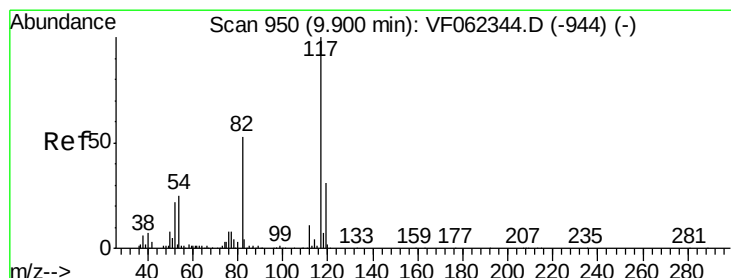
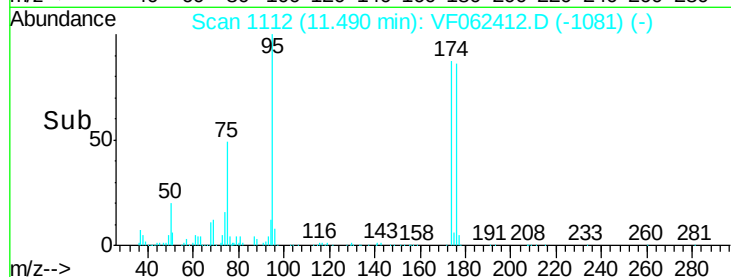
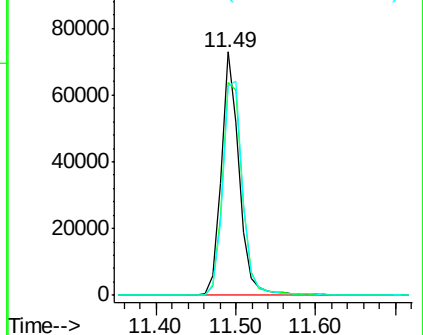
176 98.4 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): VF0

Ion 175.80 (175.50 to 176.50): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 951

Delta R.T. 0.00 min

Lab File: VF062412.D

Acq: 9 May 2019 22:54

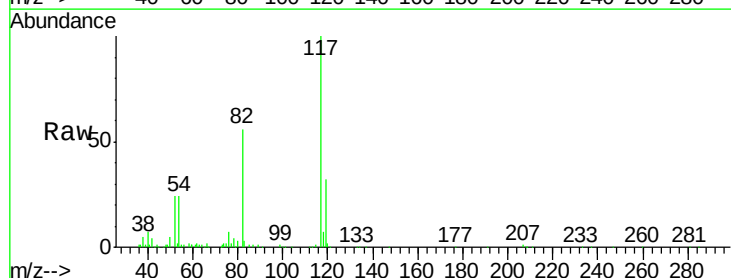
Tgt Ion: 117 Resp: 195152

Ion Ratio Lower Upper

117 100

82 56.1 42.2 63.2

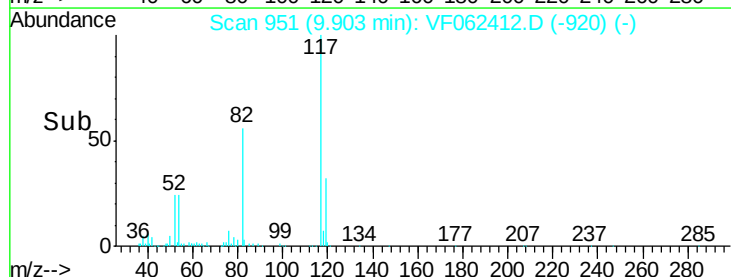
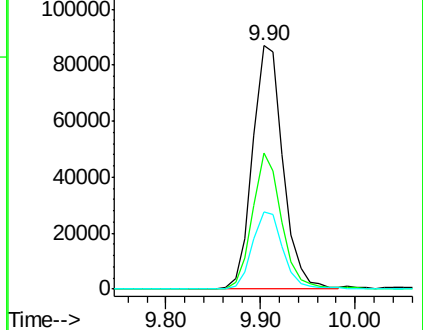
119 31.9 25.0 37.4

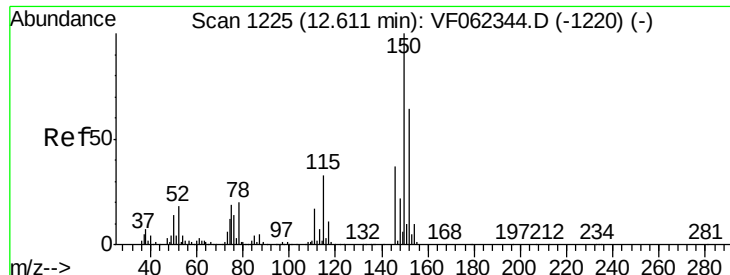


Abundance Ion 116.90 (116.60 to 117.60): V

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: VF062412.D

Acq: 9 May 2019 22:54

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-E

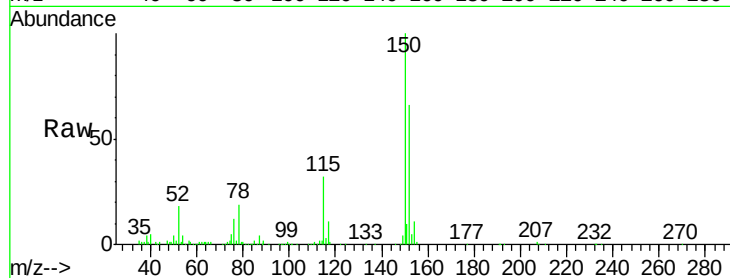
Tot Ion:152 Resp: 106272

Ion Ratio Lower Upper

152 100

115 55.5 26.4 79.2

150 155.0 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

