

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052319\
 Data File : VF062728.D
 Acq On : 23 May 2019 15:51
 Operator : FY/SY
 Sample : K2976-14
 Misc : 5.92g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-SB-MW-HR(17-20)

Quant Time: May 24 03:16:35 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

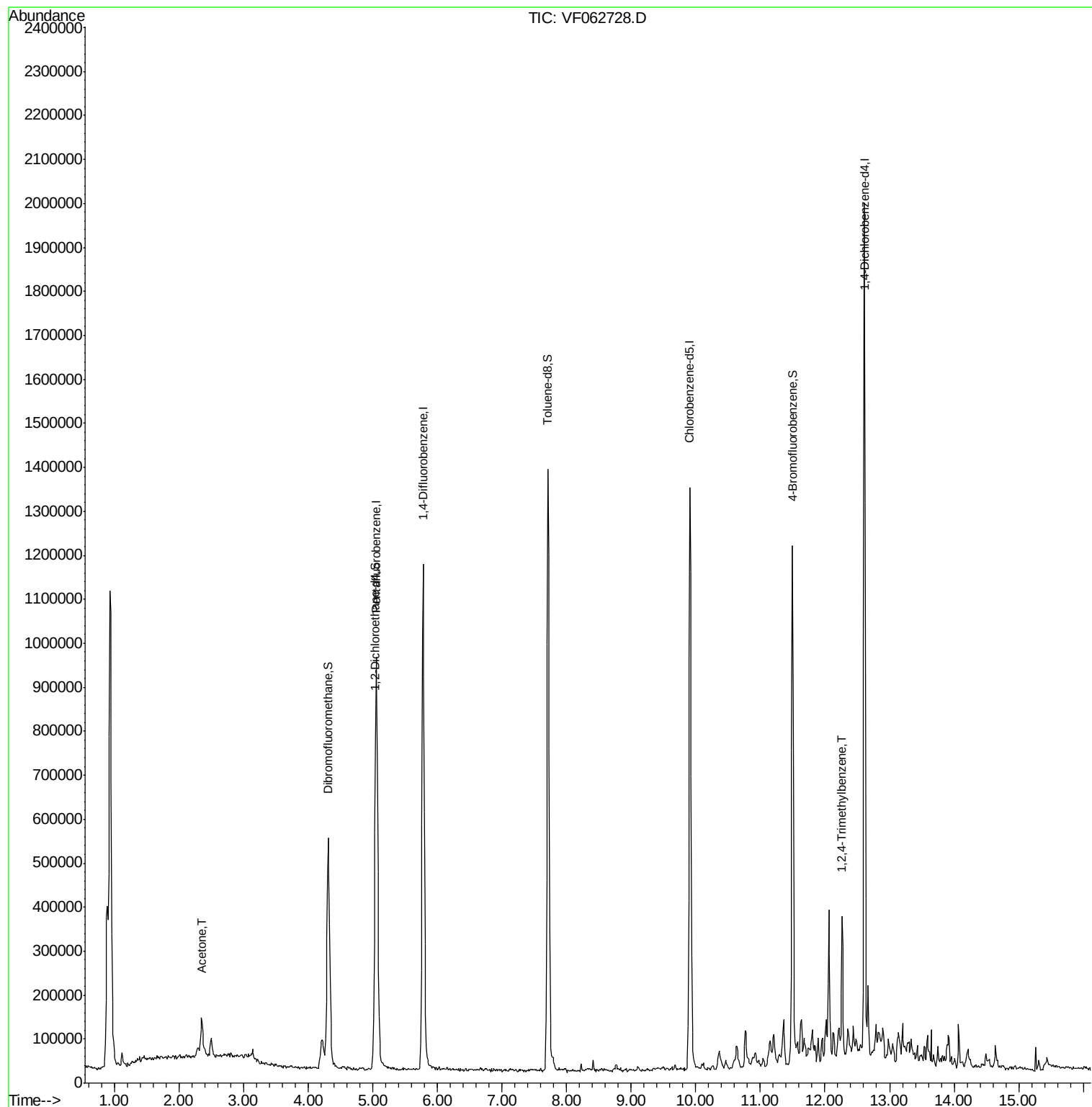
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	859241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1434062	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	1026269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	499932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	272058	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
35) Dibromofluoromethane	4.31	113	515768	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	7.71	98	1226332	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
62) 4-Bromofluorobenzene	11.50	95	445022	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
16) Acetone	2.35	43	148217	94.093	ug/l #	85
84) 1,2,4-Trimethylbenzene	12.26	105	106252	3.821	ug/l	92

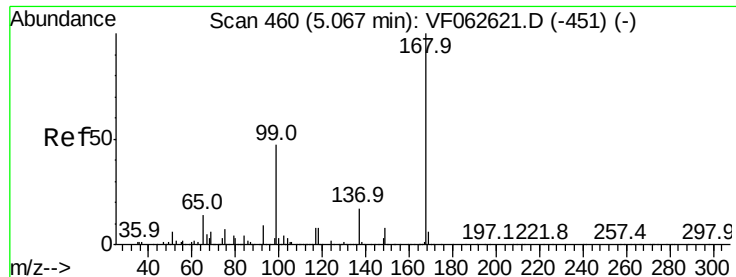
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062728.D

Acq: 23 May 2019 15:51

Instrument :

MSVOA_F

ClientSampleId :

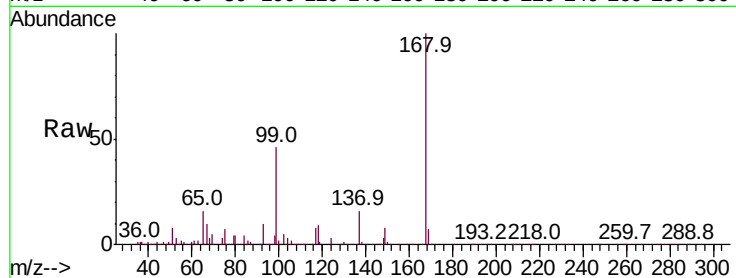
EP1-SB-MW-HR(17-20)

Tot Ion:168 Resp: 859241

Ion Ratio Lower Upper

168 100

99 45.8 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

300000

250000

200000

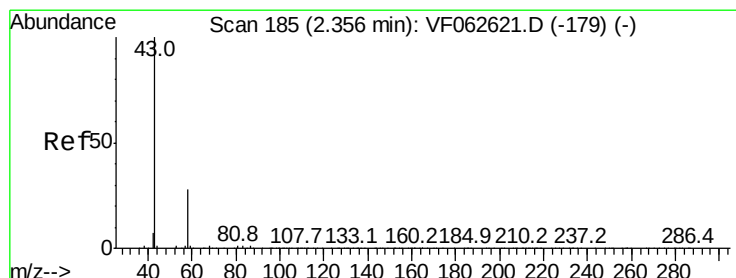
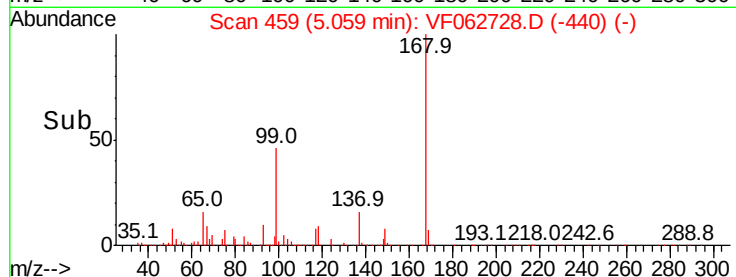
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 94.093 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF062728.D

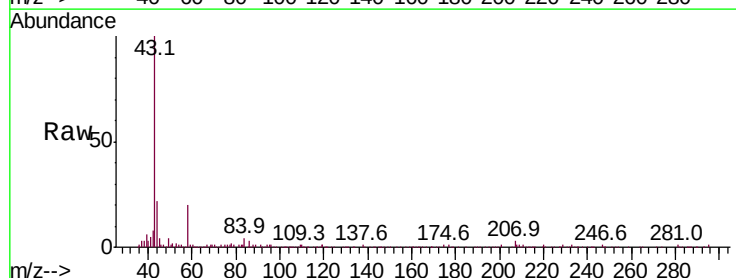
Acq: 23 May 2019 15:51

Tgt Ion: 43 Resp: 148217

Ion Ratio Lower Upper

43 100

58 20.4 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

60000

50000

40000

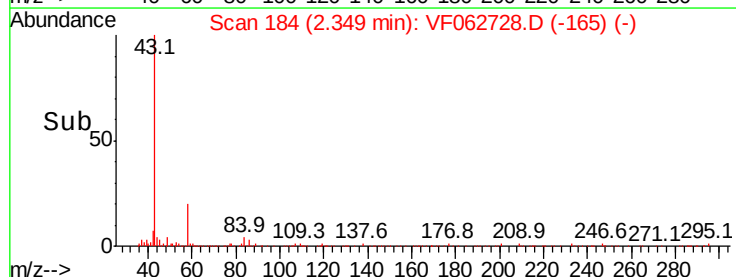
30000

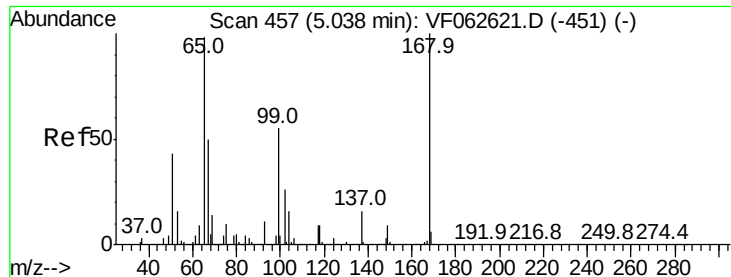
20000

10000

0

Time-->

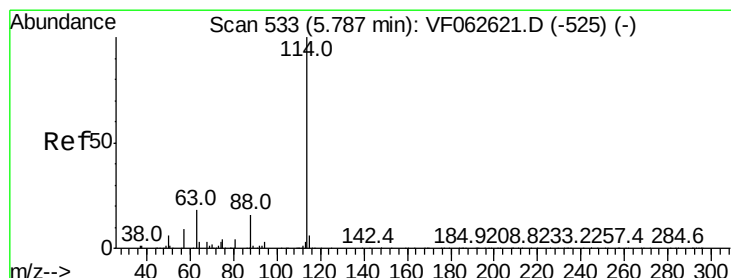
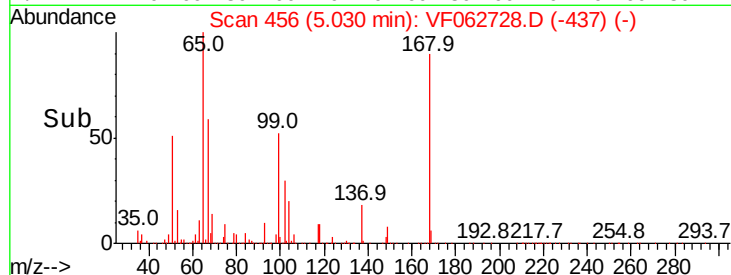
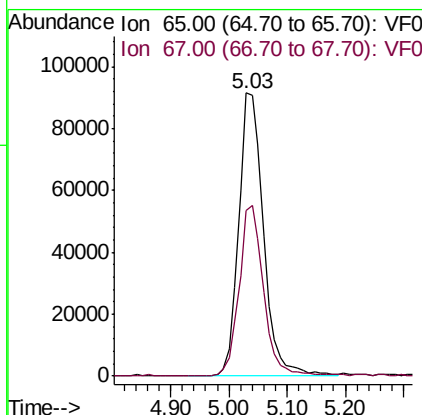
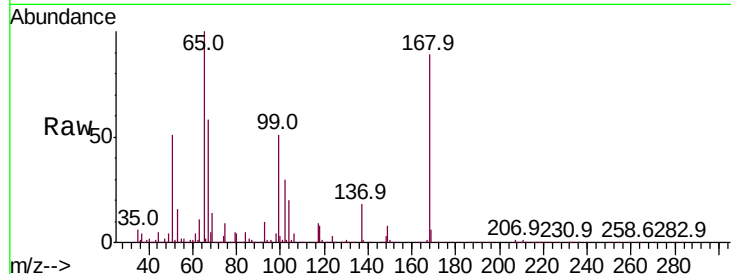




#33
 1,2-Dichloroethane-d4
 Concen: 44.807 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: VF062728.D
 Acq: 23 May 2019 15:51

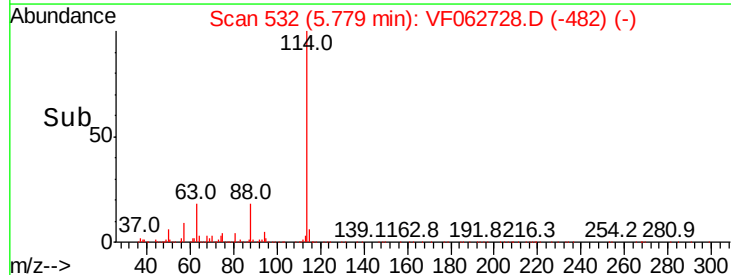
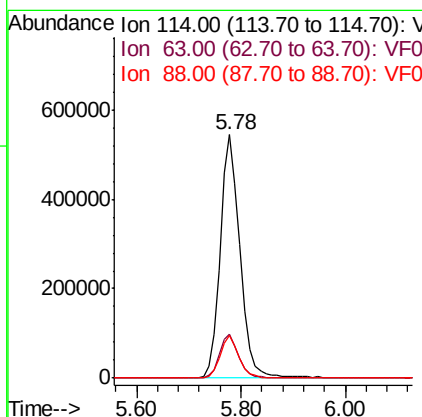
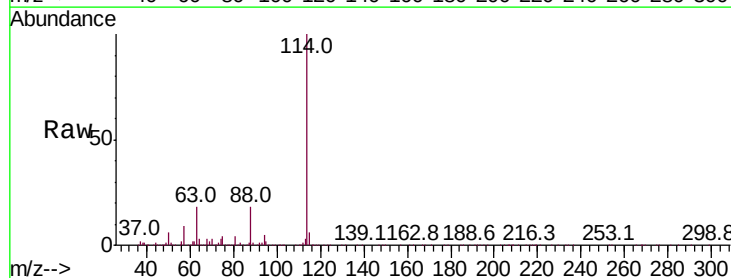
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-SB-MW-HR(17-20)

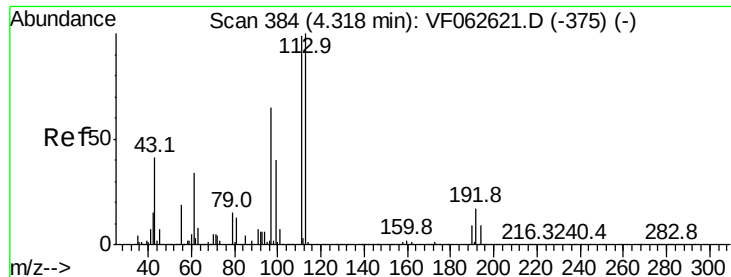
Tot Ion: 65 Resp: 272058
 Ion Ratio Lower Upper
 65 100
 67 58.4 0.0 117.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VF062728.D
 Acq: 23 May 2019 15:51

Tgt Ion:114 Resp: 1434062
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.4
 88 17.6 0.0 32.4

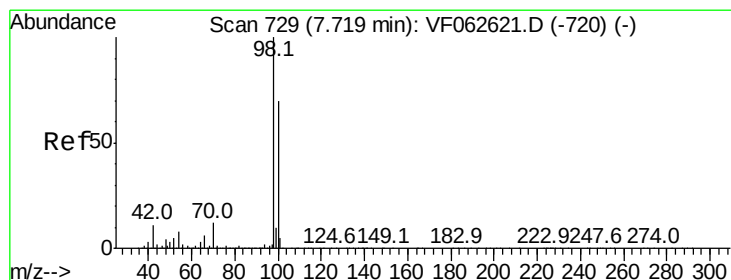
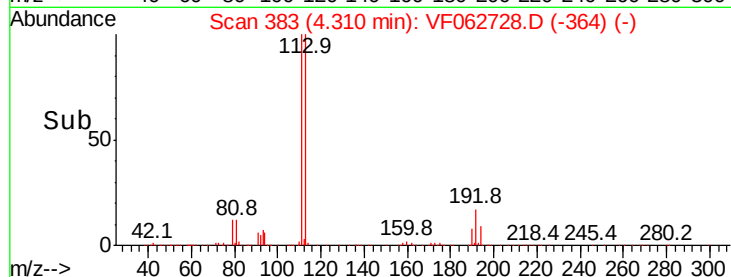
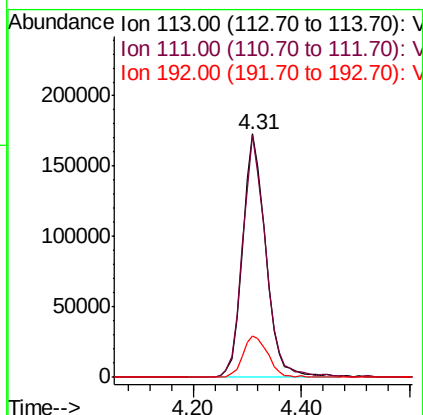
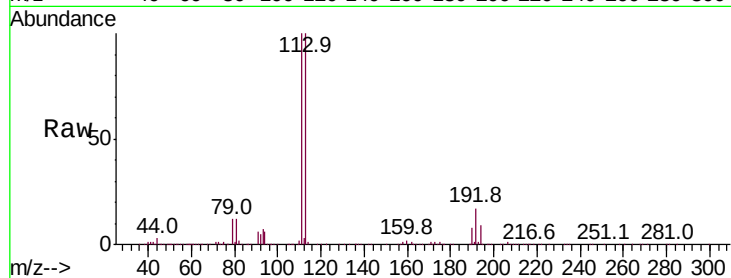




#35
 Dibromofluoromethane
 Concen: 47.001 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. -0.01 min
 Lab File: VF062728.D
 Acq: 23 May 2019 15:51

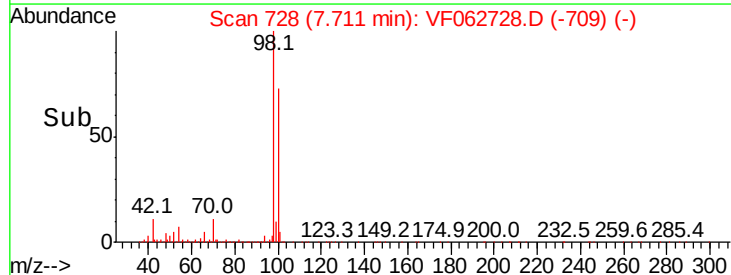
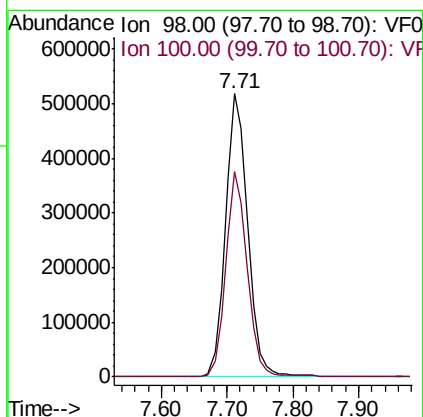
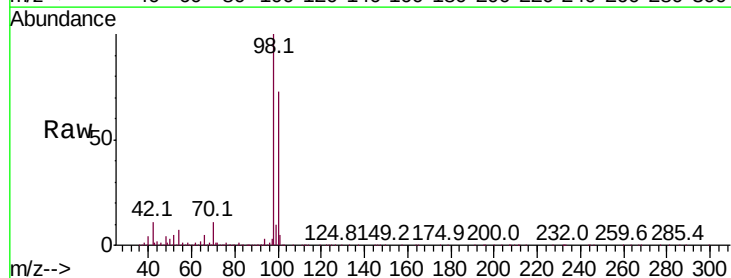
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-SB-MW-HR(17-20)

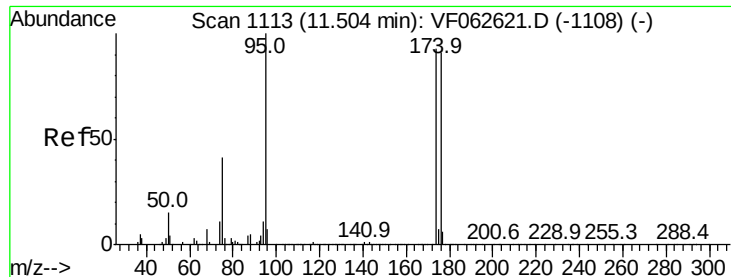
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.6	79.4	119.2
192	16.9	13.4	20.2



#50
 Toluene-d8
 Concen: 46.806 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VF062728.D
 Acq: 23 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	72.7	56.2	84.2





#62

4-Bromofluorobenzene

Concen: 44.784 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062728.D

Acq: 23 May 2019 15:51

Instrument :

MSVOA_F

ClientSampleId :

EP1-SB-MW-HR(17-20)

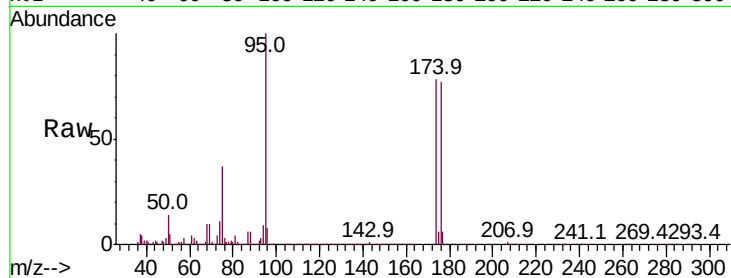
Tot Ion: 95 Resp: 445022

Ion Ratio Lower Upper

95 100

174 77.9 0.0 185.6

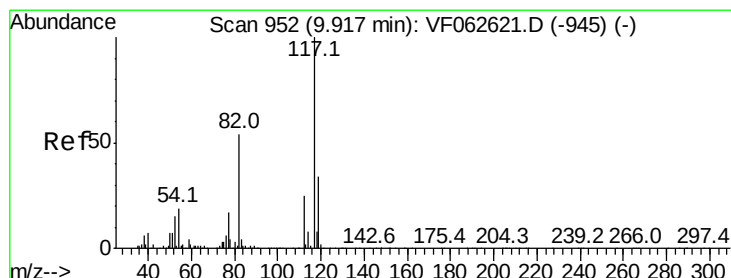
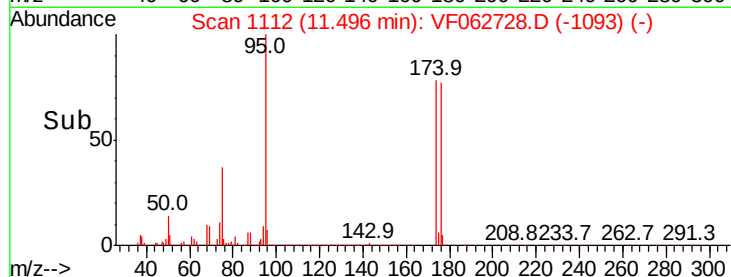
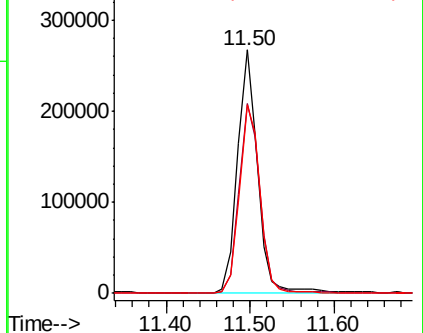
176 77.2 0.0 182.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.01 min

Lab File: VF062728.D

Acq: 23 May 2019 15:51

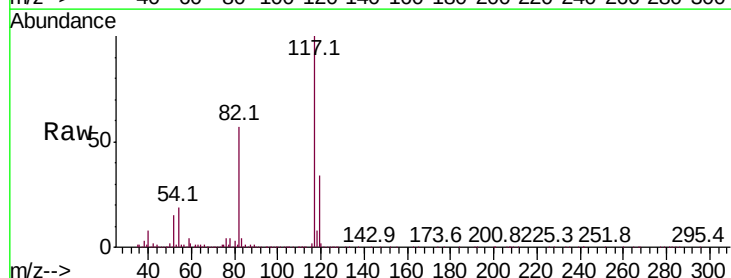
Tgt Ion: 117 Resp: 1026269

Ion Ratio Lower Upper

117 100

82 56.6 43.3 64.9

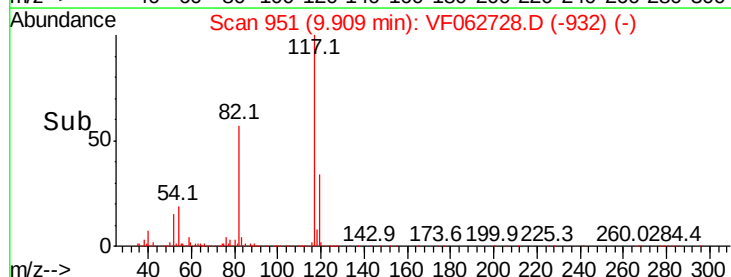
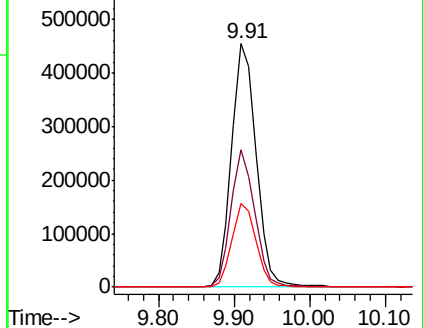
119 34.2 27.4 41.0

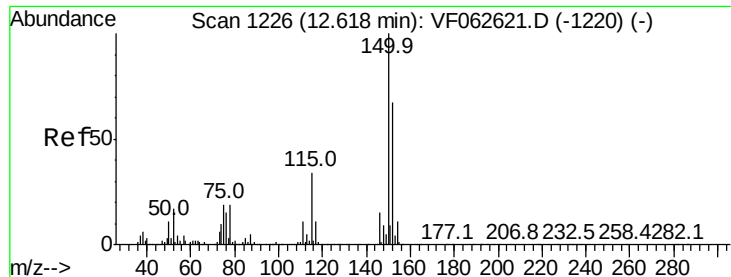


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062728.D

Acq: 23 May 2019 15:51

Instrument :

MSVOA_F

ClientSampleId :

EP1-SB-MW-HR(17-20)

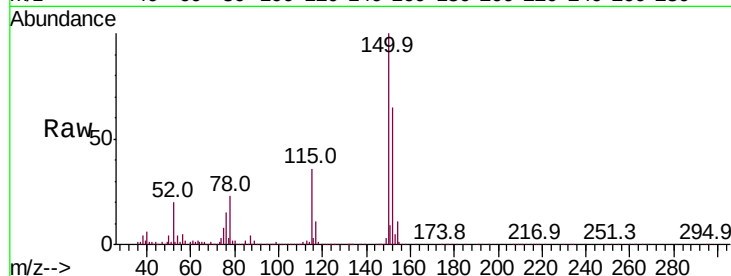
Tot Ion:152 Resp: 499932

Ion Ratio Lower Upper

152 100

115 54.4 25.2 75.6

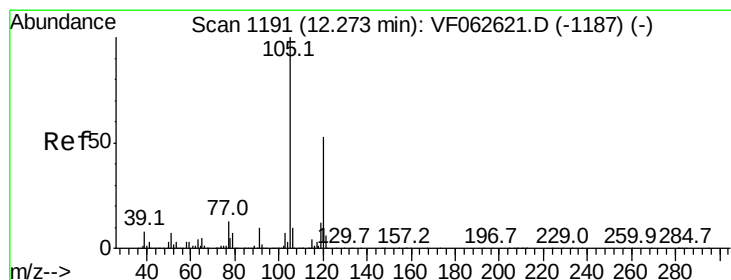
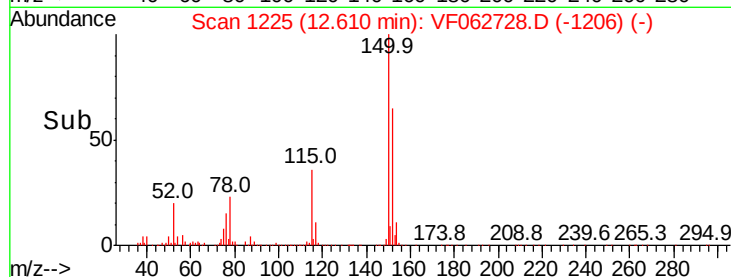
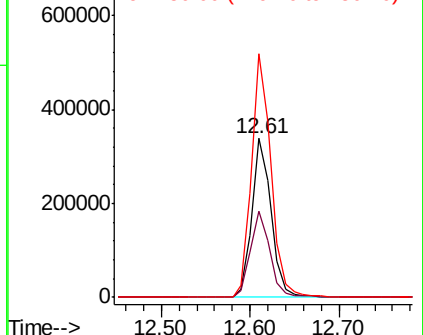
150 153.1 0.0 306.2



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



#84

1,2,4-Trimethylbenzene

Concen: 3.821 ug/l

RT: 12.26 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VF062728.D

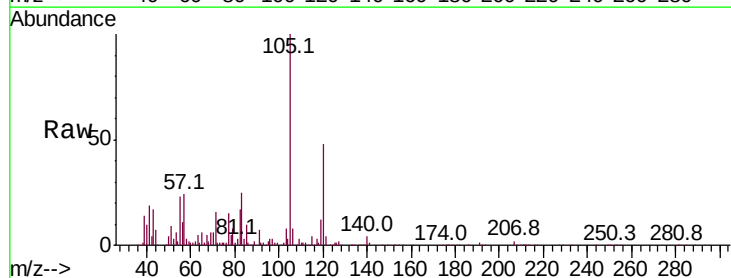
Acq: 23 May 2019 15:51

Tgt Ion:105 Resp: 106252

Ion Ratio Lower Upper

105 100

120 47.7 26.7 80.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

