

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052419\
 Data File : VF062748.D
 Acq On : 24 May 2019 15:38
 Operator : FY/SY
 Sample : K3048-01
 Misc : 6.23g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SUP-2C-G-2-052319

Quant Time: May 24 23:52:11 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	706382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1173151	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	856420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	311695	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	232968	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
35) Dibromofluoromethane	4.32	113	430411	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	7.72	98	909803	42.45	ug/l	0.00
Spiked Amount			Recovery	=	84.90%	
62) 4-Bromofluorobenzene	11.49	95	294661	36.25	ug/l	0.00
Spiked Amount			Recovery	=	72.50%	

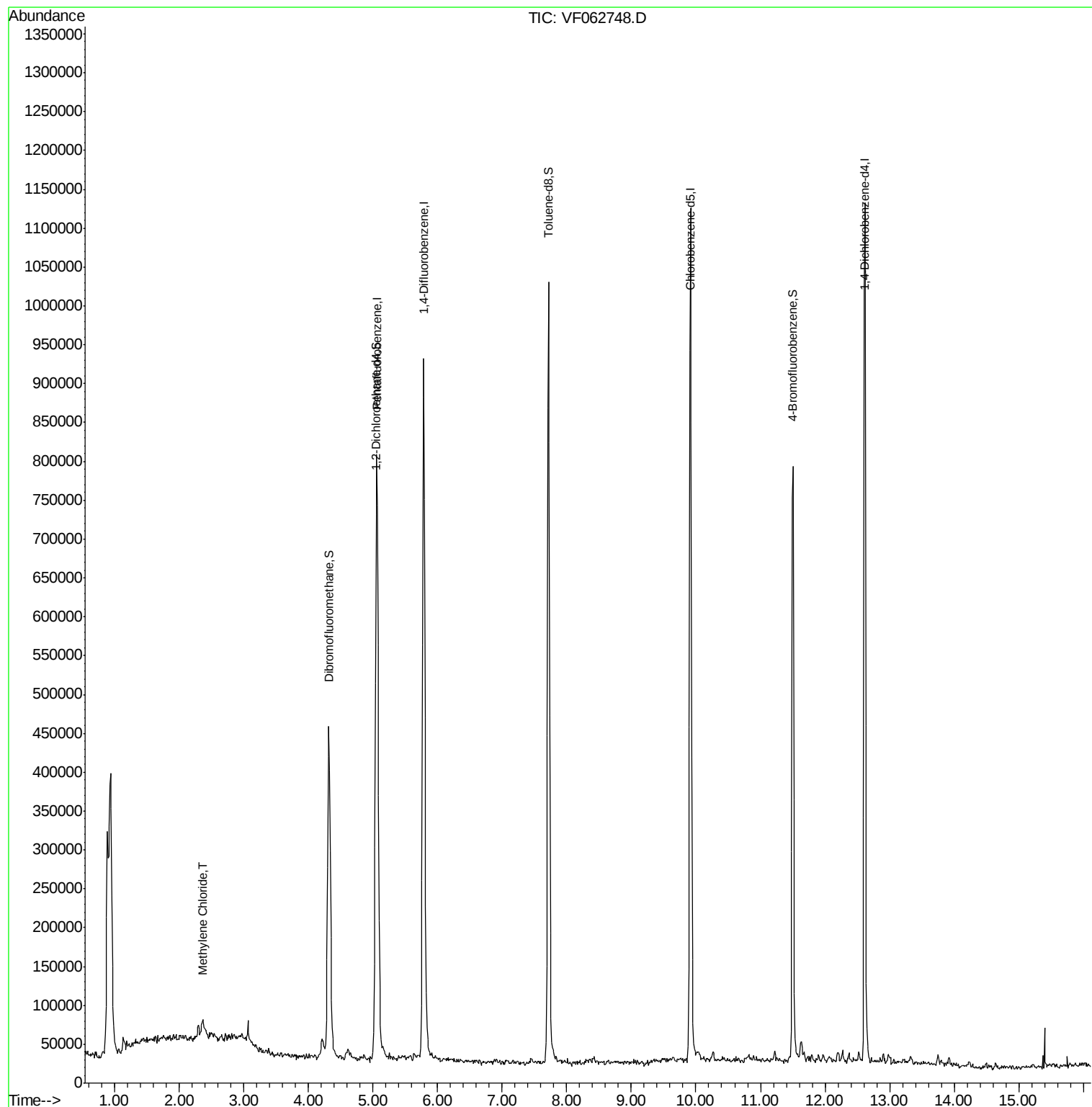
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.36	84	35880m	5.528	ug/l	

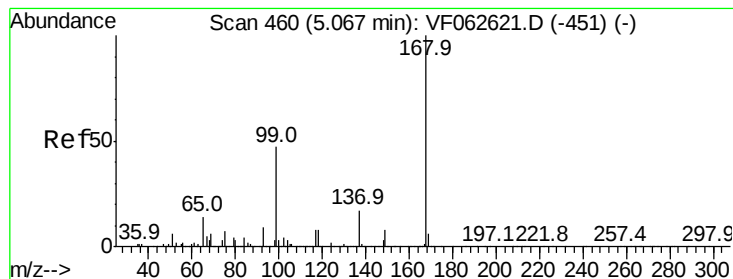
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF062748.D

Acq: 24 May 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

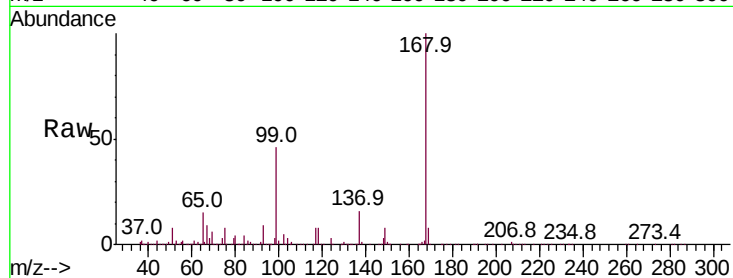
SUP-2C-G-2-052319

Tot Ion:168 Resp: 706382

Ion Ratio Lower Upper

168 100

99 46.5 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

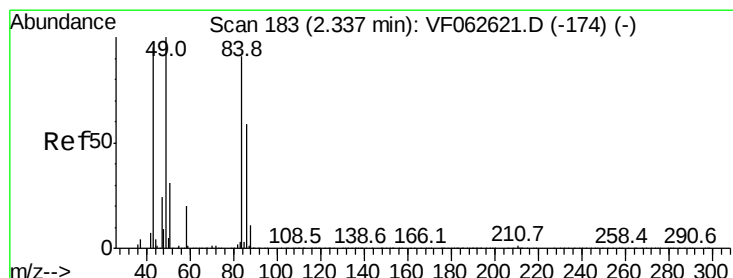
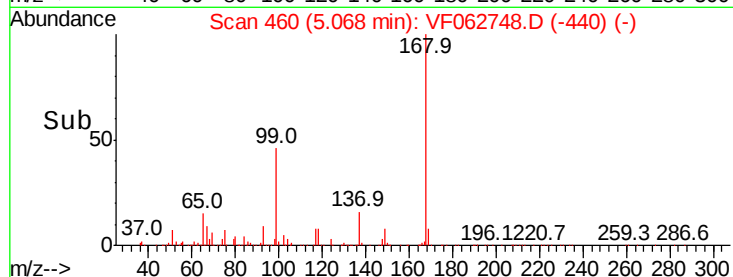
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.528 ug/l m

RT: 2.36 min Scan# 185

Delta R.T. 0.02 min

Lab File: VF062748.D

Acq: 24 May 2019 15:38

Tgt Ion: 84 Resp: 35880

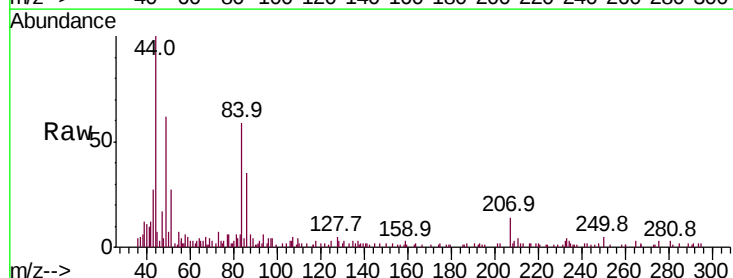
Ion Ratio Lower Upper

84 100

49 105.0 89.8 134.8

51 45.1 28.4 42.6#

86 59.2 52.6 79.0



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

2.36

10000

8000

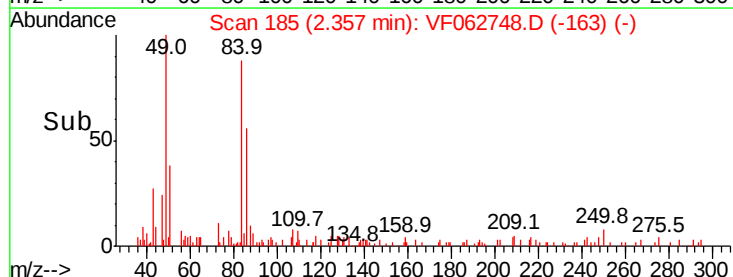
6000

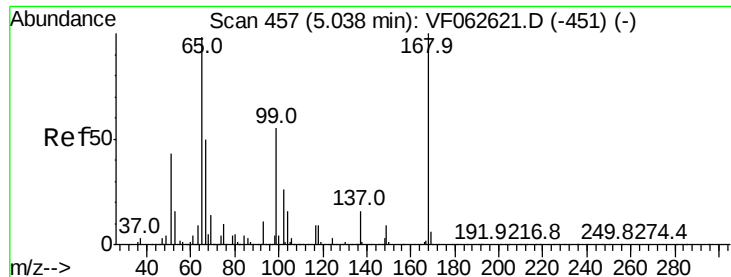
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.672 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

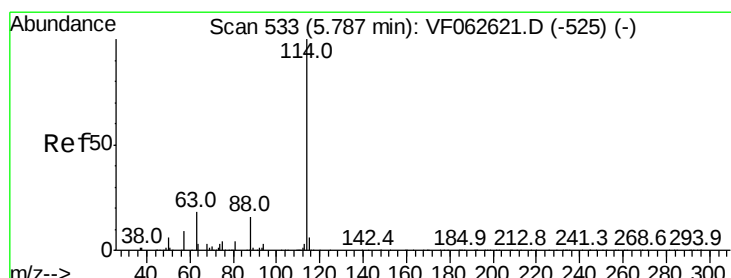
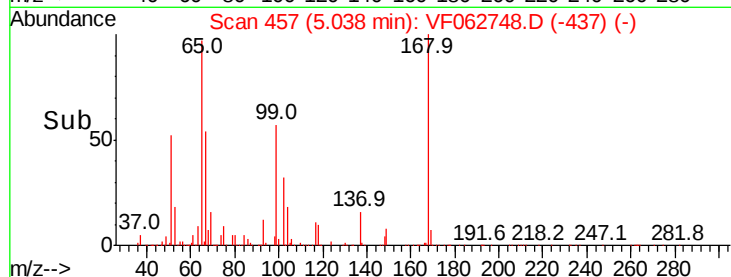
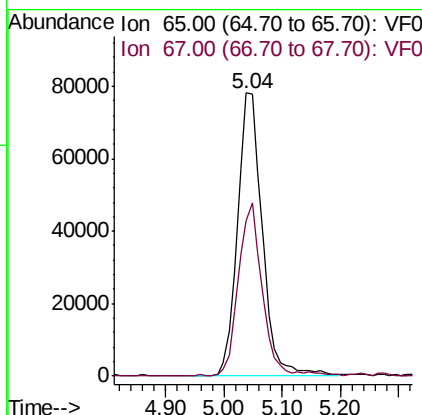
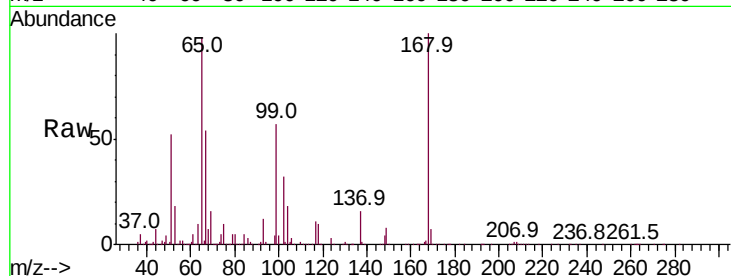
Lab File: VF062748.D

Acq: 24 May 2019 15:38

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-2-052319

Tot Ion: 65 Resp: 232968

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	117.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

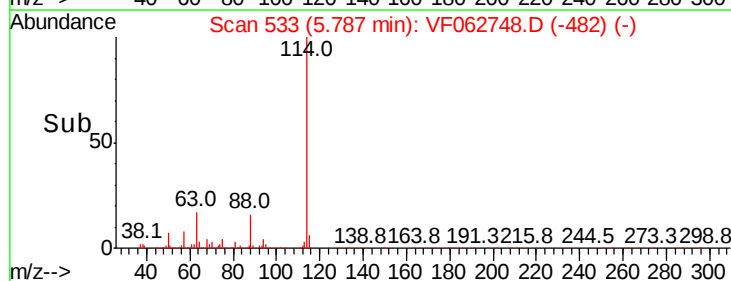
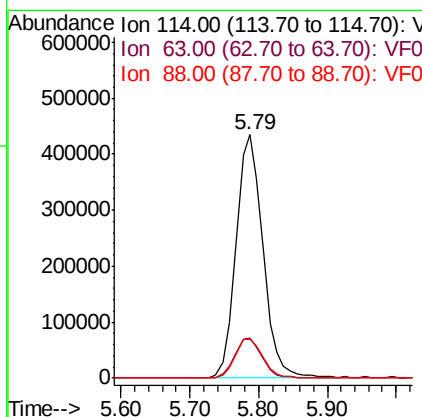
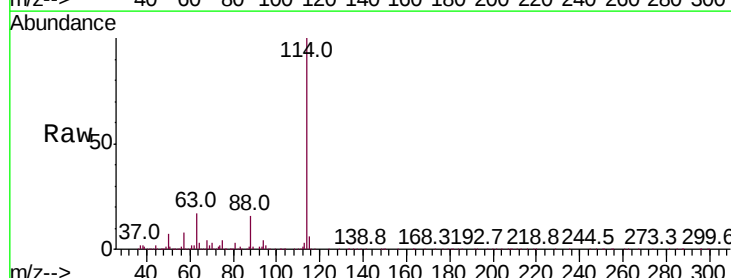
Delta R.T. 0.00 min

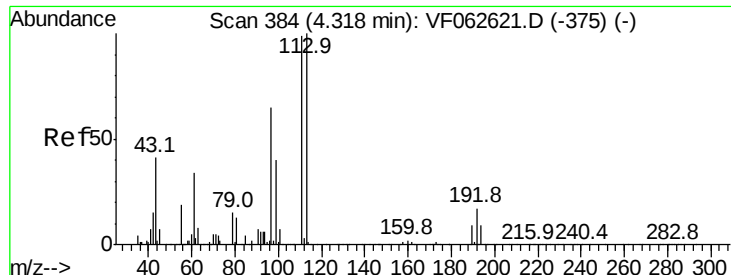
Lab File: VF062748.D

Acq: 24 May 2019 15:38

Tgt Ion: 114 Resp: 1173151

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	35.4
88	16.1	0.0	32.4

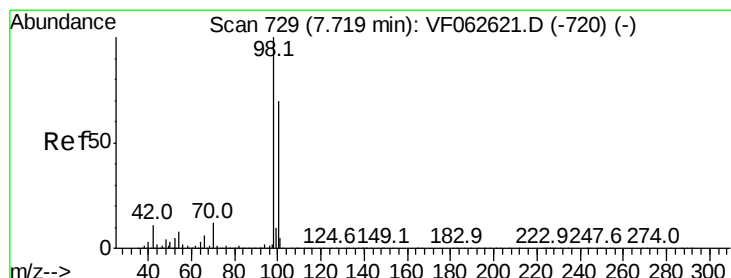
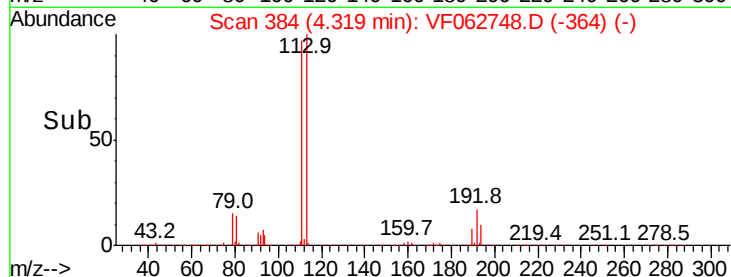
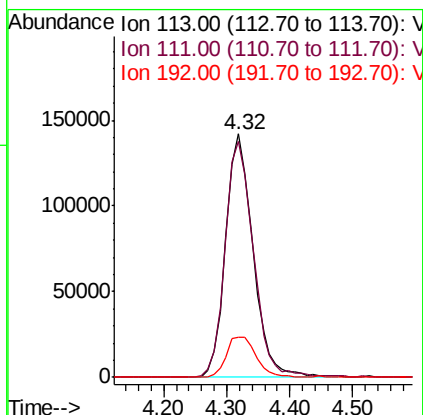
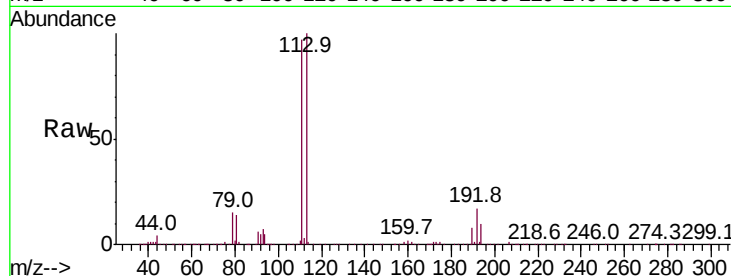




#35
 Dibromofluoromethane
 Concen: 47.946 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VF062748.D
 Acq: 24 May 2019 15:38

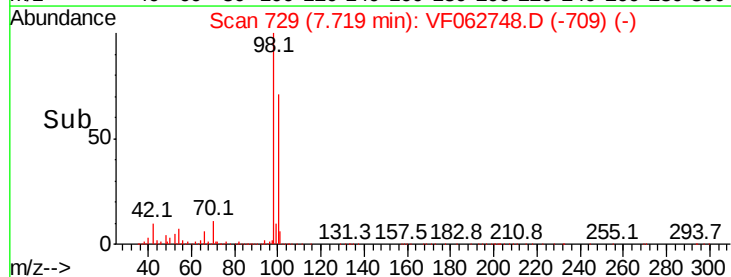
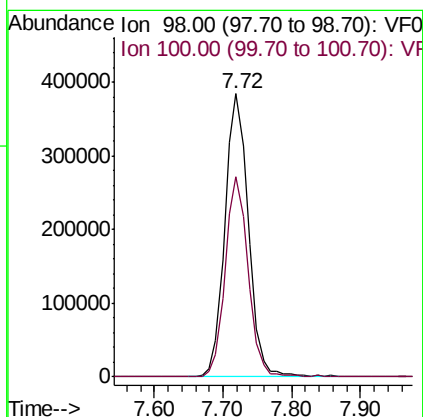
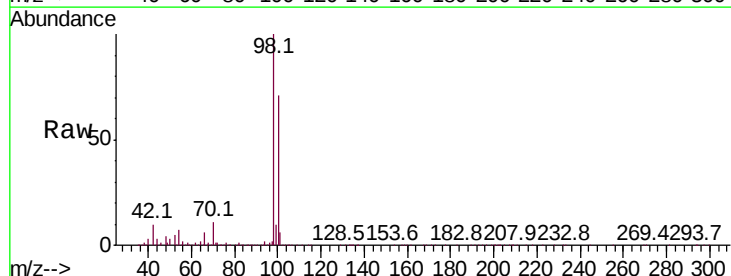
Instrument :
 MSVOA_F
 ClientSampleId :
 SUP-2C-G-2-052319

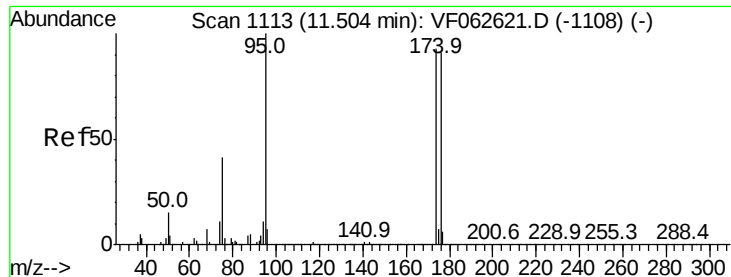
Tot Ion	Ratio	Lower	Upper
113	100		
111	97.0	79.4	119.2
192	16.6	13.4	20.2



#50
 Toluene-d8
 Concen: 42.448 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VF062748.D
 Acq: 24 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.7	56.2	84.2





#62

4-Bromofluorobenzene

Concen: 36.248 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062748.D

Acq: 24 May 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

SUP-2C-G-2-052319

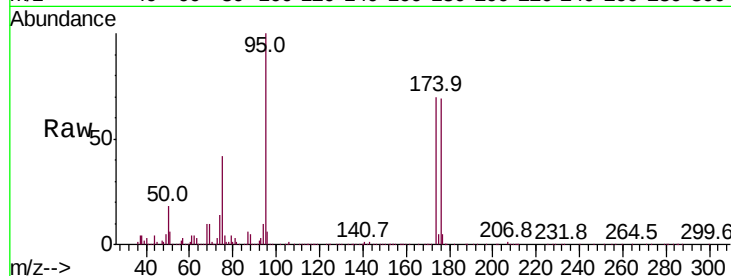
Tot Ion: 95 Resp: 294661

Ion Ratio Lower Upper

95 100

174 69.7 0.0 185.6

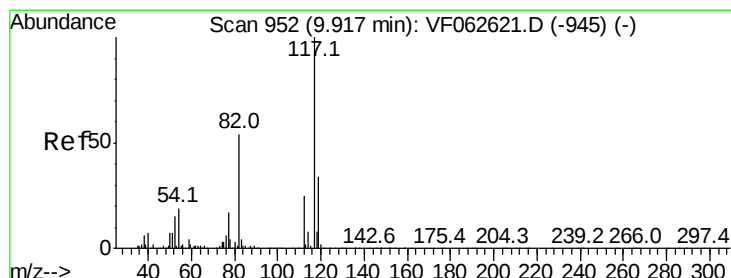
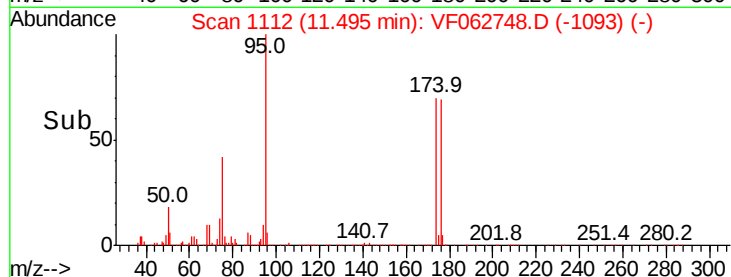
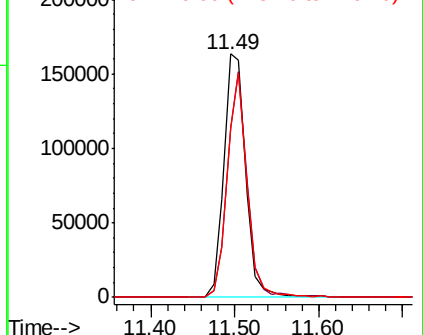
176 69.5 0.0 182.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF062748.D

Acq: 24 May 2019 15:38

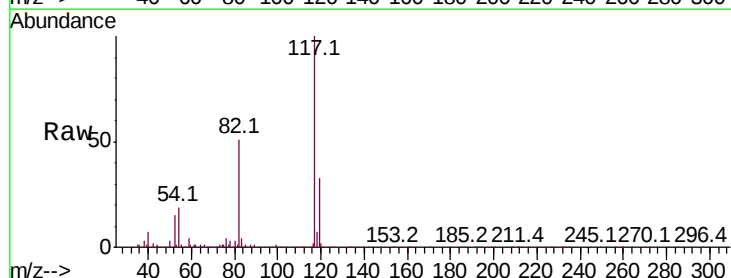
Tgt Ion: 117 Resp: 856420

Ion Ratio Lower Upper

117 100

82 51.2 43.3 64.9

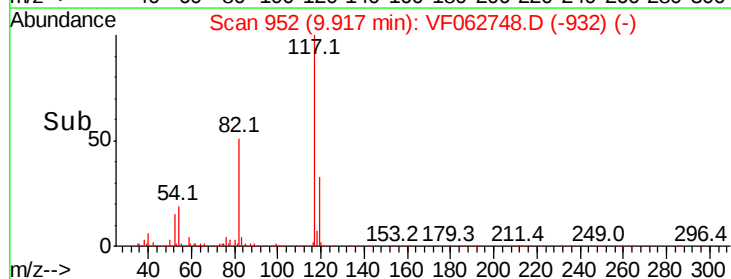
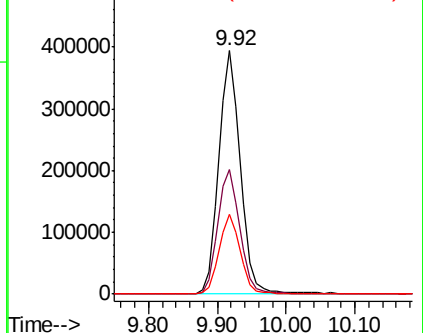
119 32.6 27.4 41.0

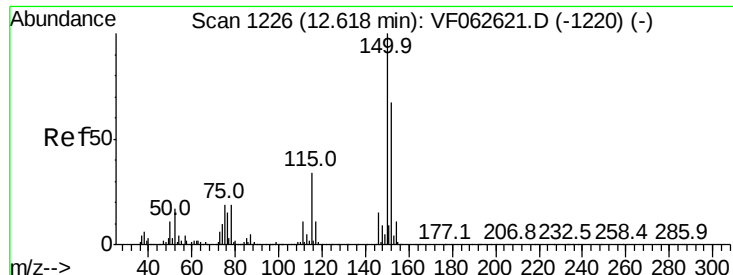


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.62 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062748.D

Acq: 24 May 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

SUP-2C-G-2-052319

Tot Ion:152 Resp: 311695

Ion Ratio Lower Upper

152 100

115 52.0 25.2 75.6

150 154.0 0.0 306.2

