

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062383.D
 Acq On : 8 May 2019 18:00
 Operator : FY/SY
 Sample : K2673-16
 Misc : 5.08g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-02-COMP

Quant Time: May 09 05:31:24 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

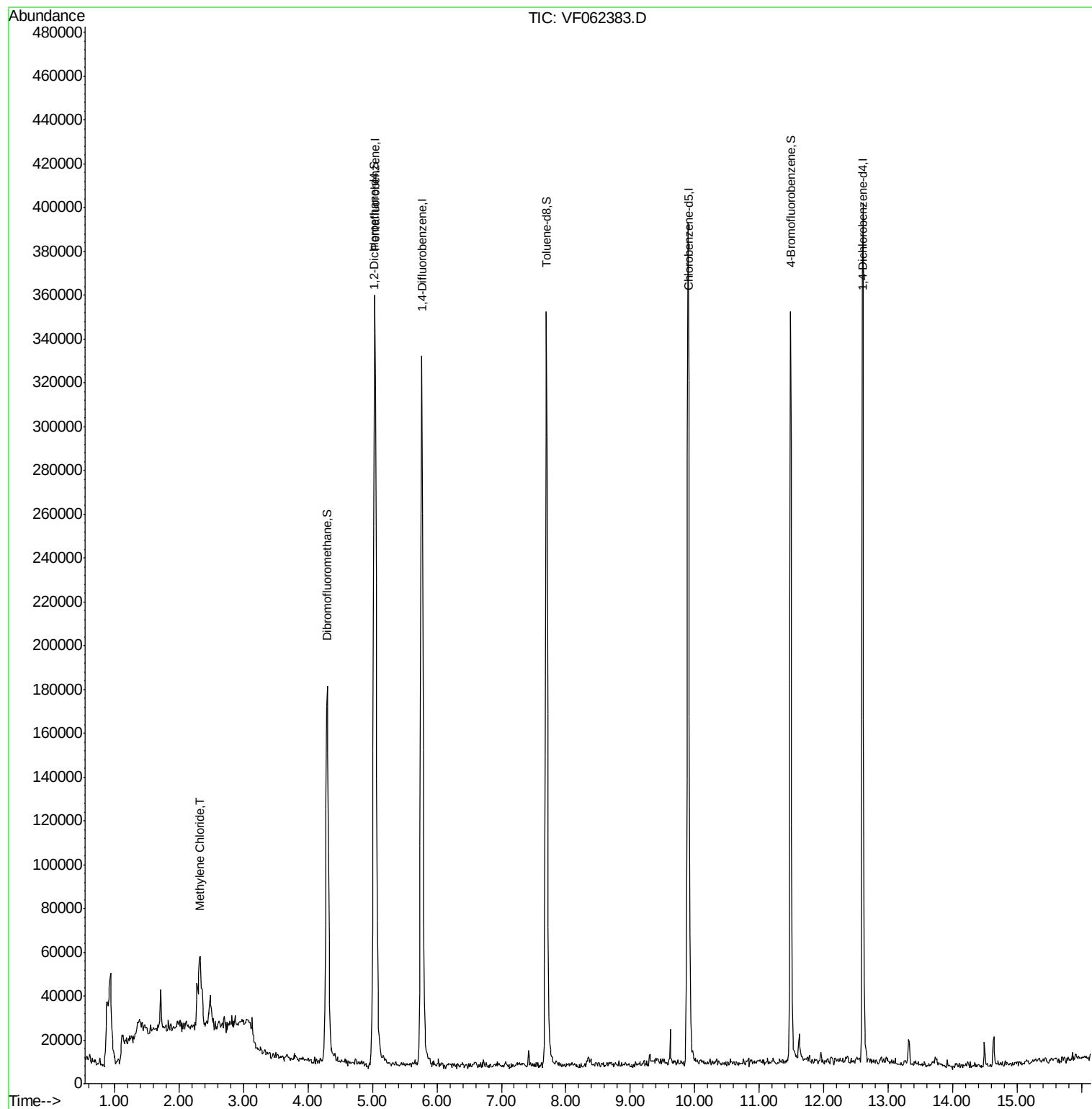
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	288483	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	384127	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	275086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	112820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	137987	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
35) Dibromofluoromethane	4.30	113	153745	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	7.70	98	300471	40.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.12%	
62) 4-Bromofluorobenzene	11.48	95	111803	33.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.90%	
Target Compounds						
20) Methylene Chloride	2.33	84	28706	14.386	ug/l	Qvalue 97

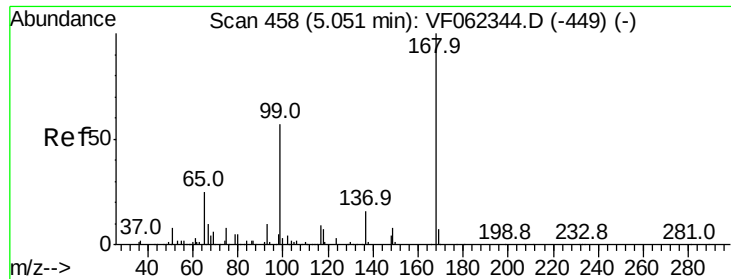
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF062383.D

Acq: 8 May 2019 18:00

Instrument :

MSVOA_F

ClientSampleId :

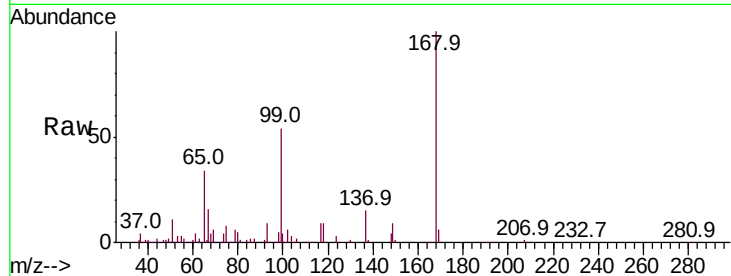
SP-02-COMP

Tot Ion:168 Resp: 288483

Ion Ratio Lower Upper

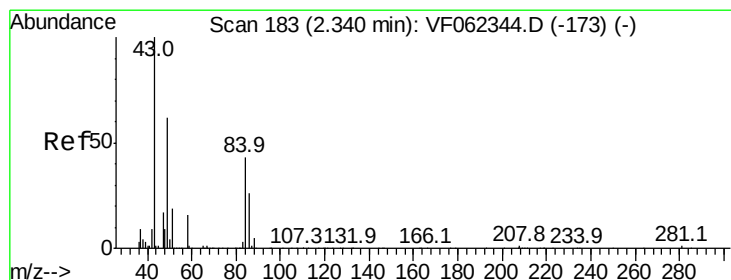
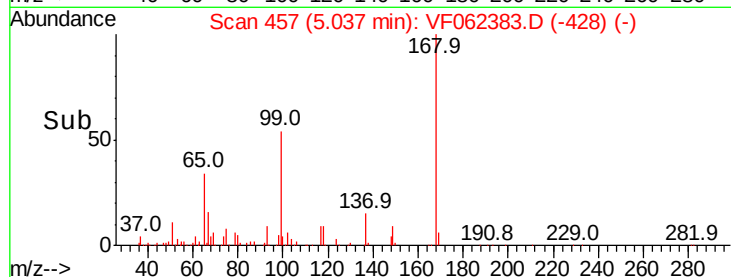
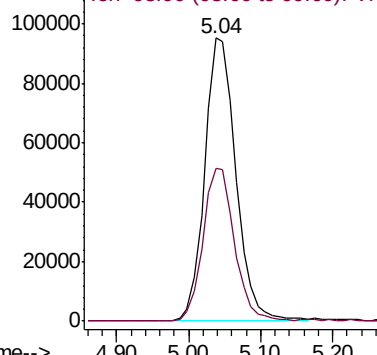
168 100

99 53.9 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: 14.386 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF062383.D

Acq: 8 May 2019 18:00

Tgt Ion: 84 Resp: 28706

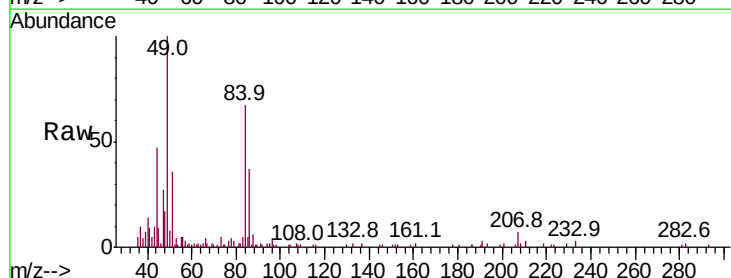
Ion Ratio Lower Upper

84 100

49 148.7 117.5 176.3

51 46.6 37.0 55.4

86 55.3 49.3 73.9

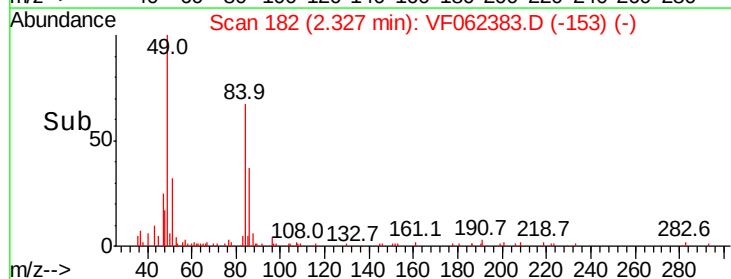
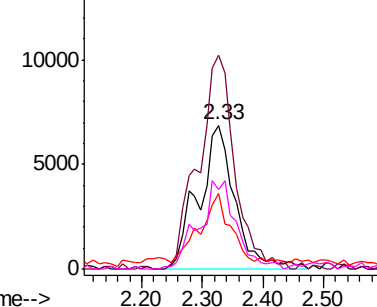


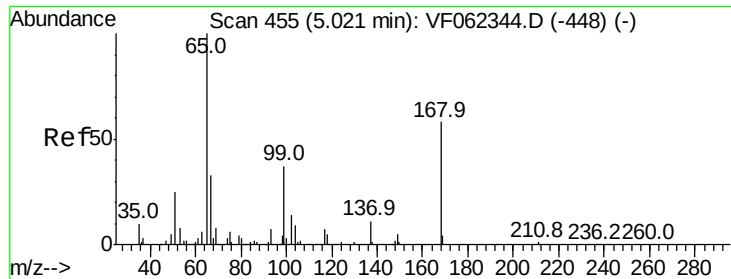
Abundance Ion 83.90 (83.60 to 84.60): VF0

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

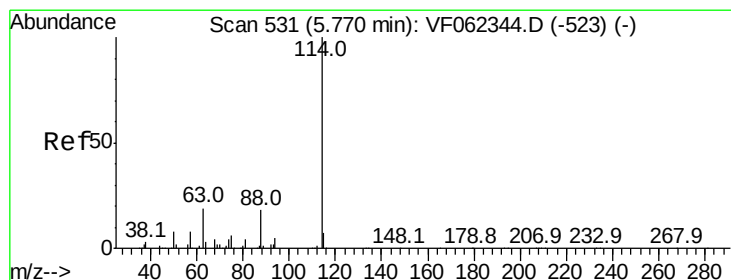
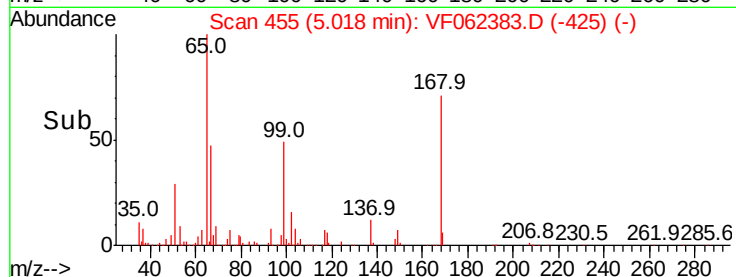
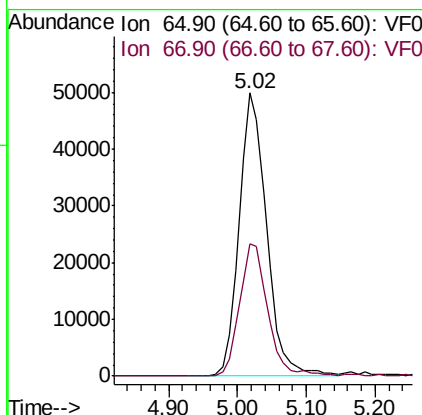
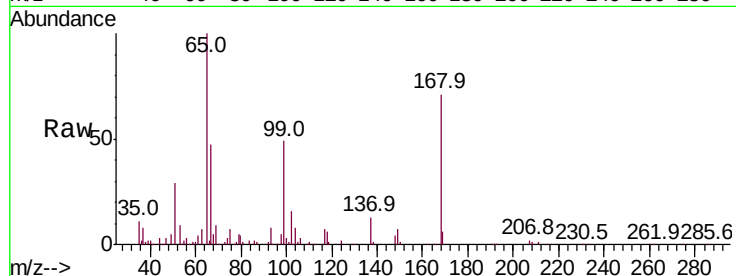




#33
 1,2-Dichloroethane-d4
 Concen: 50.614 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF062383.D
 Acq: 8 May 2019 18:00

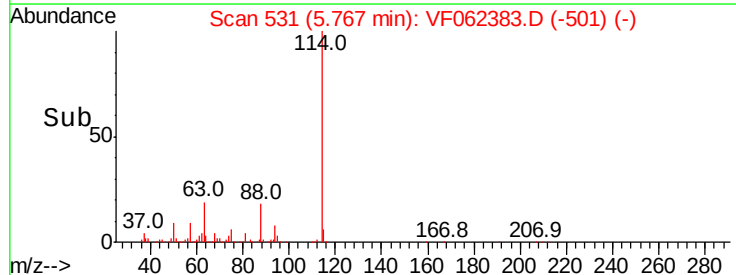
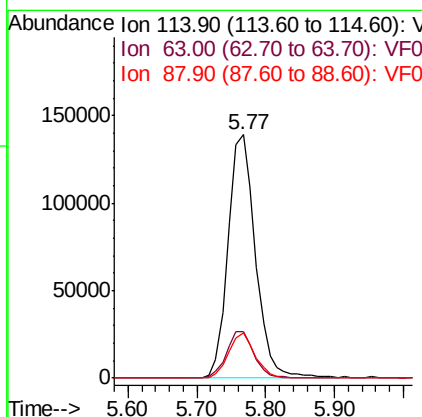
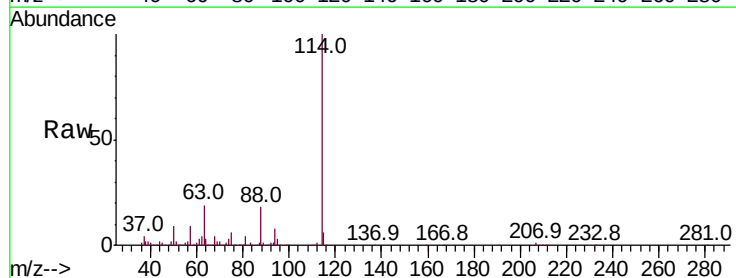
Instrument :
 MSVOA_F
 ClientSampleId :
 SP-02-COMP

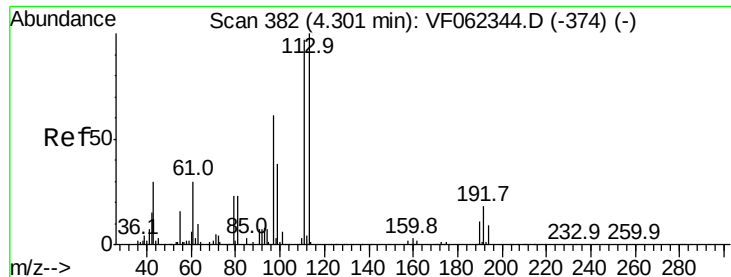
Tot Ion: 65 Resp: 137987
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF062383.D
 Acq: 8 May 2019 18:00

Tgt Ion: 114 Resp: 384127
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.4
 88 18.3 0.0 36.4





#35

Dibromofluoromethane

Concen: 50.239 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.00 min

Lab File: VF062383.D

Acq: 8 May 2019 18:00

Instrument :

MSVOA_F

ClientSampleId :

SP-02-COMP

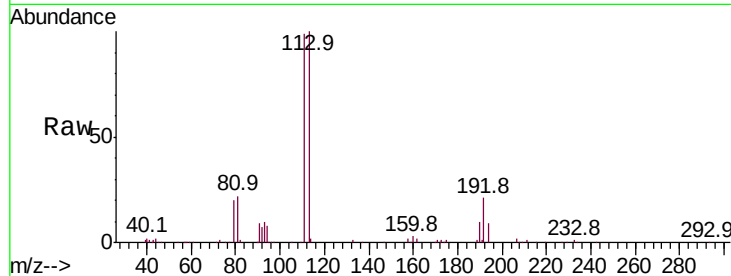
Tot Ion:113 Resp: 153745

Ion Ratio Lower Upper

113 100

111 104.5 79.4 119.0

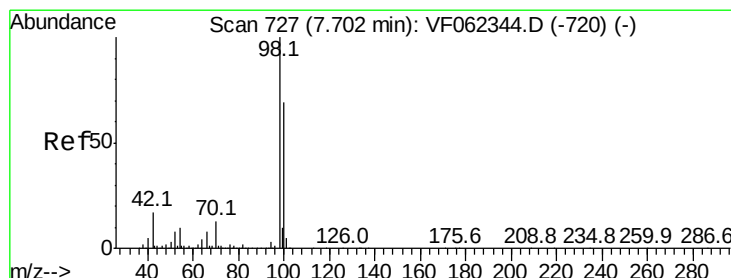
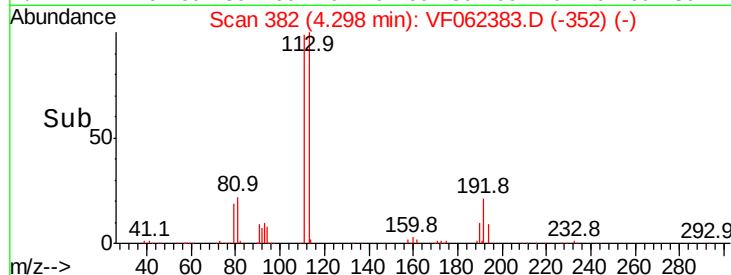
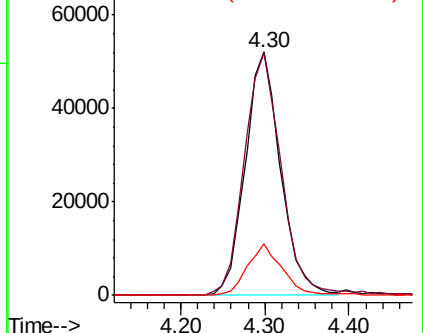
192 20.6 16.0 24.0



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: 40.561 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF062383.D

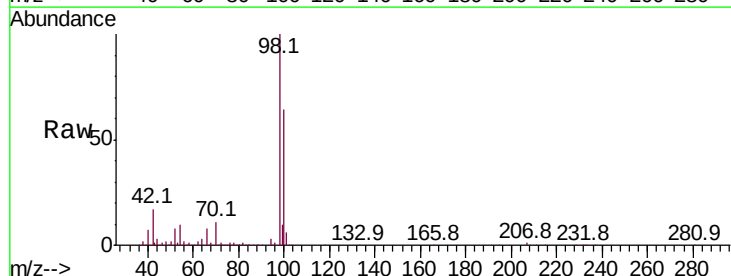
Acq: 8 May 2019 18:00

Tgt Ion: 98 Resp: 300471

Ion Ratio Lower Upper

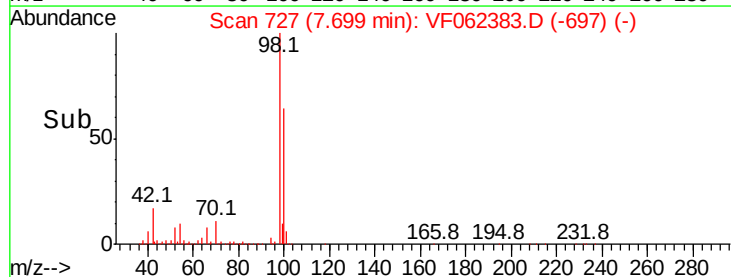
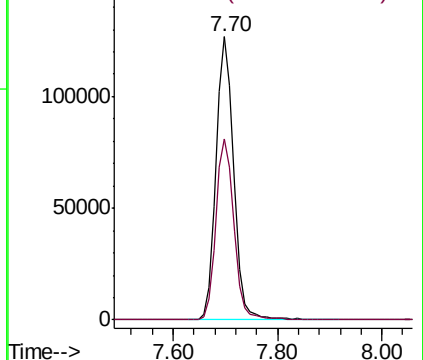
98 100

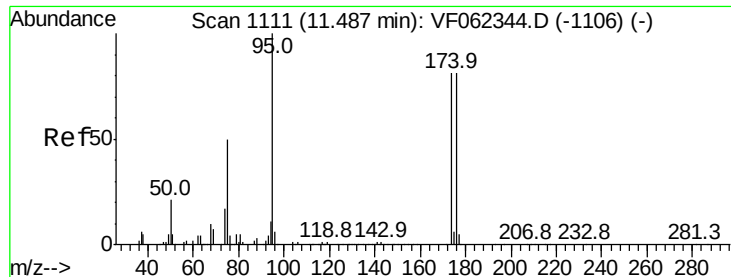
100 64.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 33.452 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VF062383.D

Acq: 8 May 2019 18:00

Instrument :

MSVOA_F

ClientSampleId :

SP-02-COMP

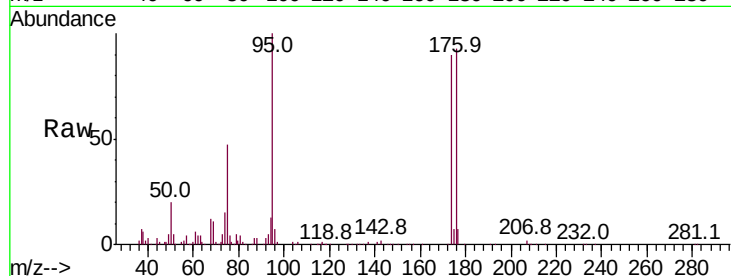
Tot Ion: 95 Resp: 111803

Ion Ratio Lower Upper

95 100

174 97.8 0.0 191.8

176 98.1 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF062344.D (-1106) (-)

Ion 173.80 (173.50 to 174.50): VF062344.D (-1106) (-)

Ion 175.80 (175.50 to 176.50): VF062344.D (-1106) (-)

11.48

80000

60000

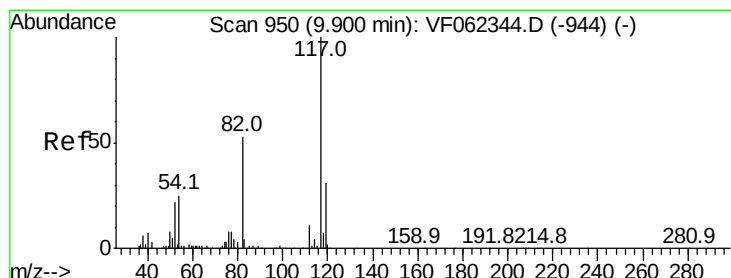
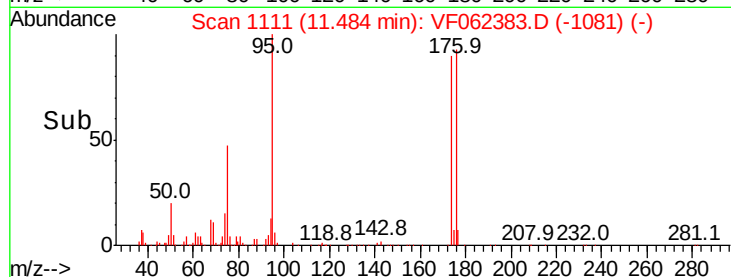
40000

20000

0

11.40 11.50 11.60

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.00 min

Lab File: VF062383.D

Acq: 8 May 2019 18:00

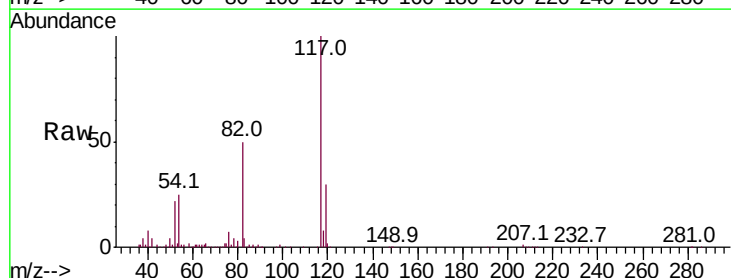
Tgt Ion: 117 Resp: 275086

Ion Ratio Lower Upper

117 100

82 49.8 42.2 63.2

119 30.1 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): VF062344.D (-944) (-)

Ion 82.00 (81.70 to 82.70): VF062344.D (-944) (-)

Ion 118.90 (118.60 to 119.60): VF062344.D (-944) (-)

9.90

150000

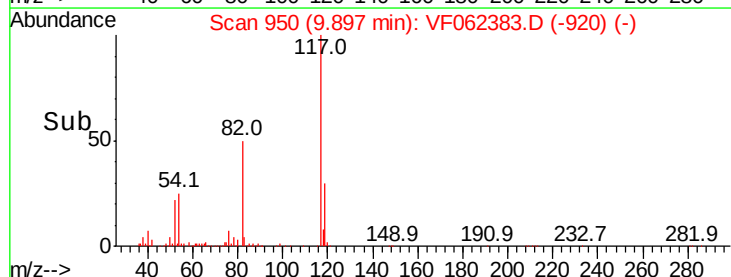
100000

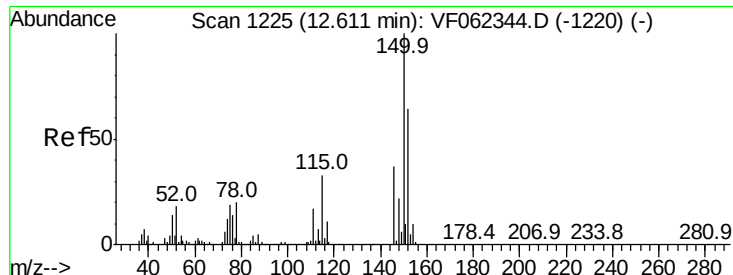
50000

0

9.80 9.90 10.00

Time-->

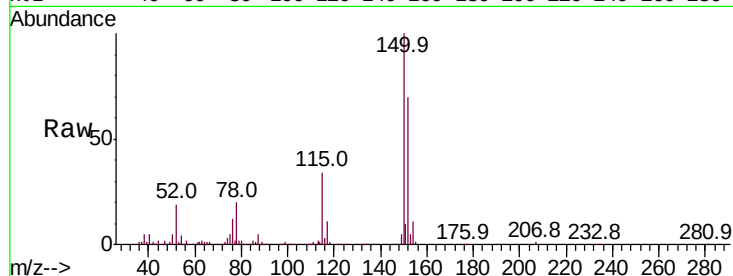




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.61 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VF062383.D
 Acq: 8 May 2019 18:00

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-02-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	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

