

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062447.D
 Acq On : 11 May 2019 5:01
 Operator : FY/SY
 Sample : K2719-20
 Misc : 5.39g/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS011-0612-01

Quant Time: May 11 06:51:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

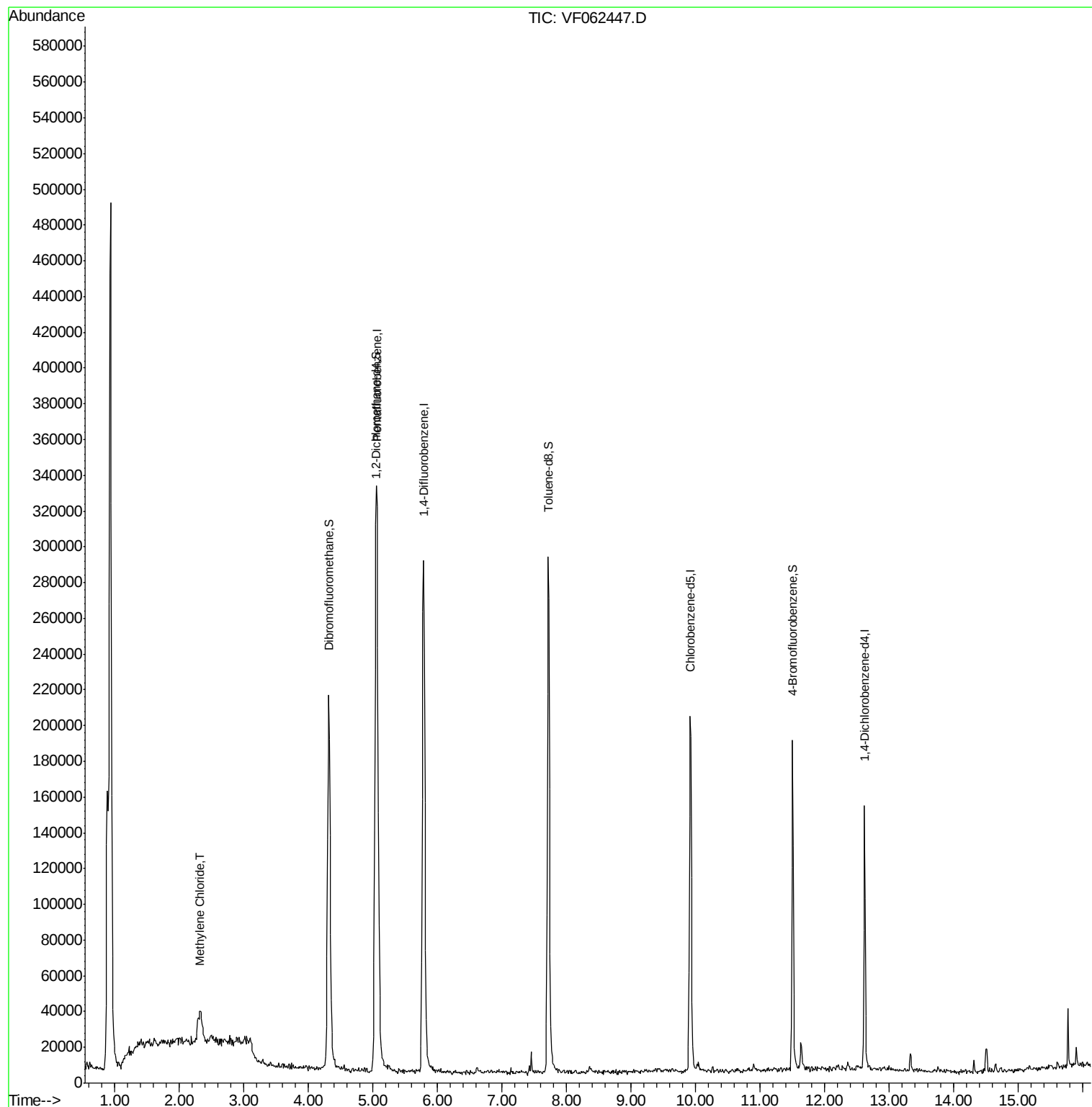
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	250109	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	315983	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	152641	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	39183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	178469	75.51	ug/l	0.01
Spiked Amount 50.000			Recovery	=	151.02%	
35) Dibromofluoromethane	4.32	113	191205	75.95	ug/l	0.01
Spiked Amount 50.000			Recovery	=	151.90%	
50) Toluene-d8	7.72	98	243715	39.99	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.98%	
62) 4-Bromofluorobenzene	11.50	95	58335	21.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	42.44%	
Target Compounds						
20) Methylene Chloride	2.31	84	15886	9.183	ug/l #	Qvalue 80

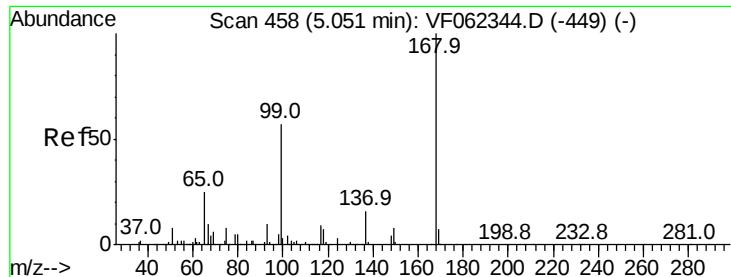
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051019\
Data File : VF062447.D
Acq On : 11 May 2019 5:01
Operator : FY/SY
Sample : K2719-20
Misc : 5.39g/5mL/MSVOA F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Quant Time: May 11 06:51:07 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062447.D

Acq: 11 May 2019 5:01

Instrument :

MSVOA_F

ClientSampleId :

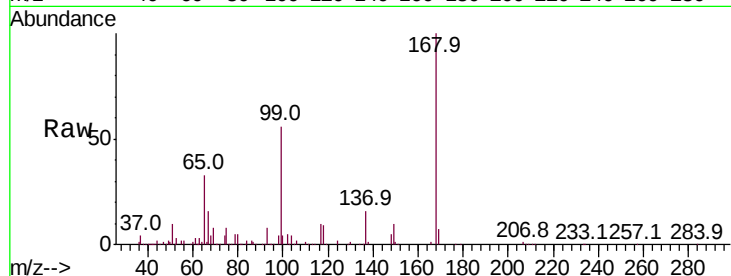
P026-SS011-0612-01

Tot Ion:168 Resp: 250109

Ion Ratio Lower Upper

168 100

99 56.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

80000

60000

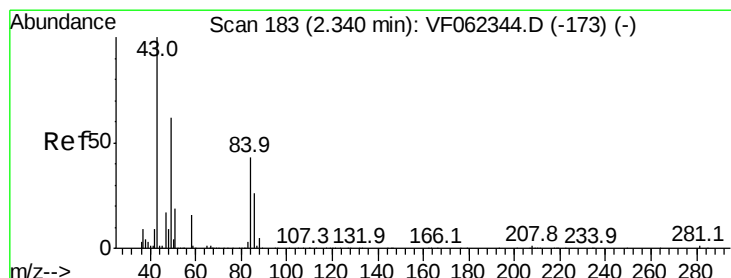
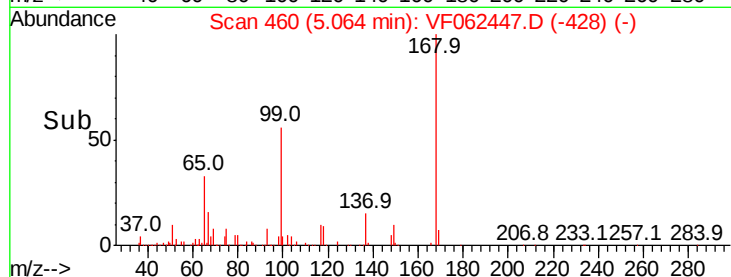
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#20

Methylene Chloride

Concen: 9.183 ug/l

RT: 2.31 min Scan# 181

Delta R.T. -0.03 min

Lab File: VF062447.D

Acq: 11 May 2019 5:01

Tgt Ion: 84 Resp: 15886

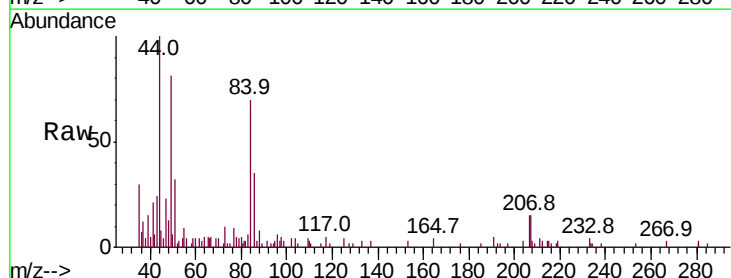
Ion Ratio Lower Upper

84 100

49 115.3 117.5 176.3#

51 40.7 37.0 55.4

86 50.2 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

6000

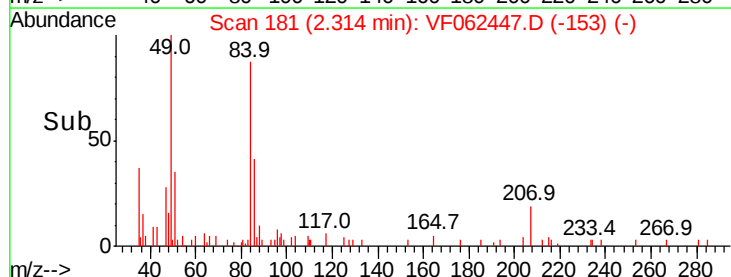
4000

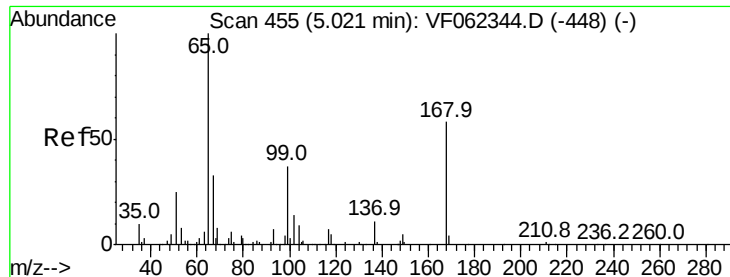
2000

0

Time-->

2.20 2.30 2.40 2.50





#33

1,2-Dichloroethane-d4

Concen: 75.506 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF062447.D

Acq: 11 May 2019 5:01

Instrument :

MSVOA_F

ClientSampleId :

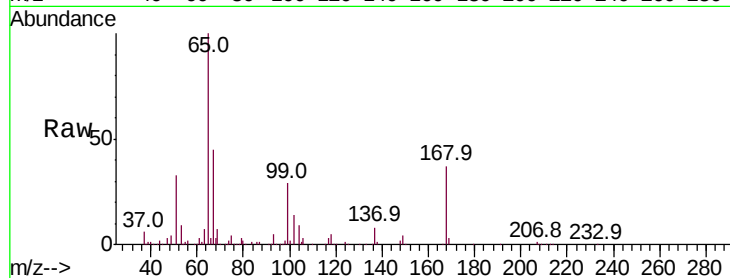
P026-SS011-0612-01

Tot Ion: 65 Resp: 178469

Ion Ratio Lower Upper

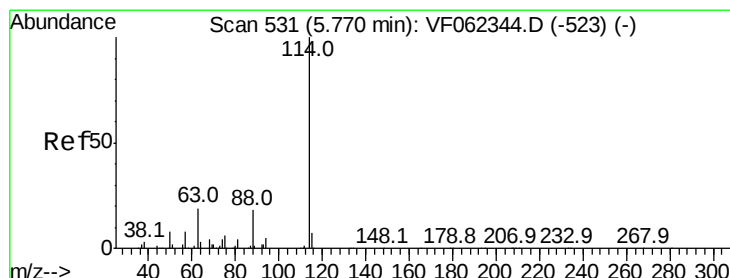
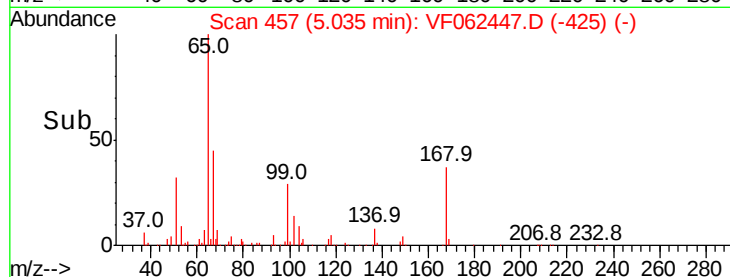
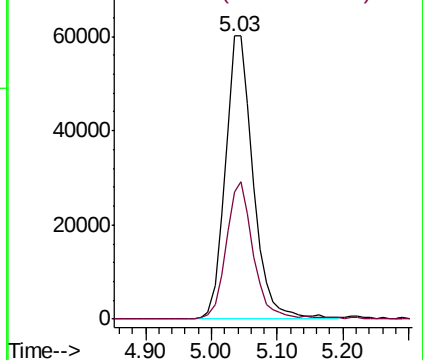
65 100

67 46.9 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF062447.D

Acq: 11 May 2019 5:01

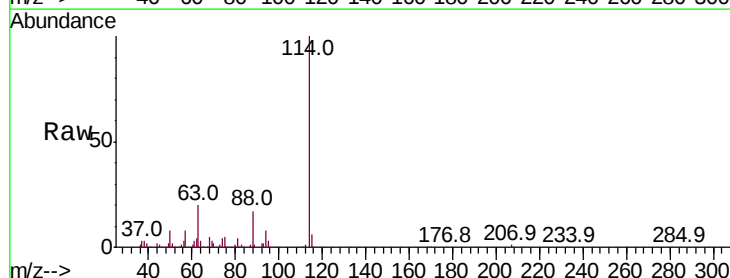
Tgt Ion: 114 Resp: 315983

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

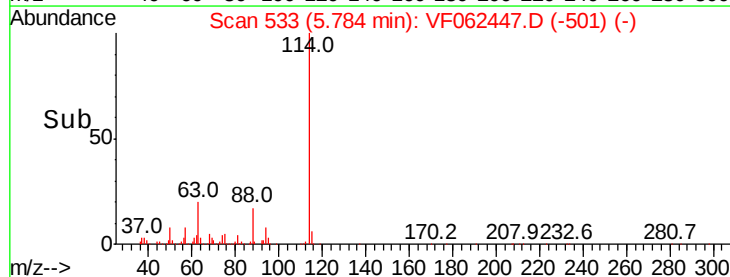
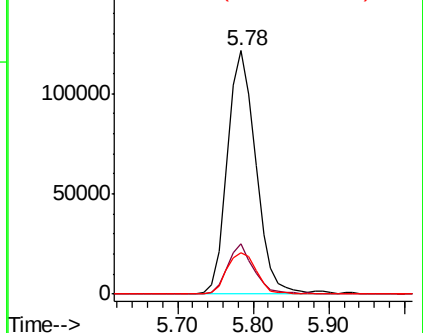
88 17.0 0.0 36.4

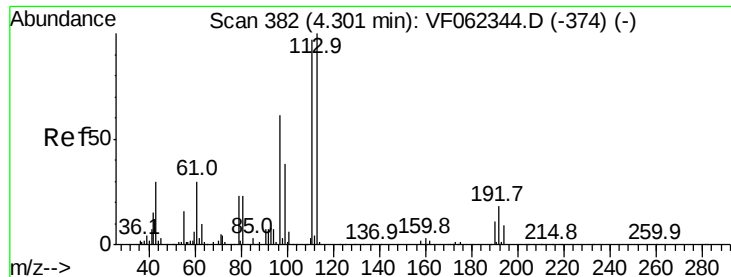


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

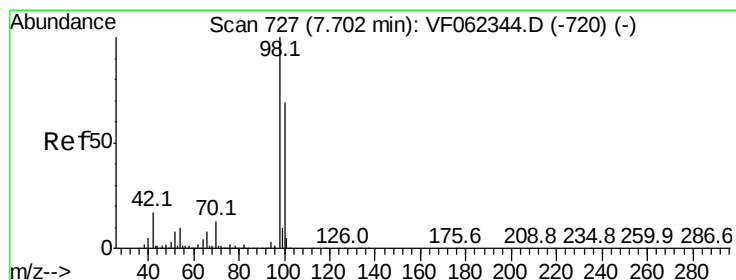
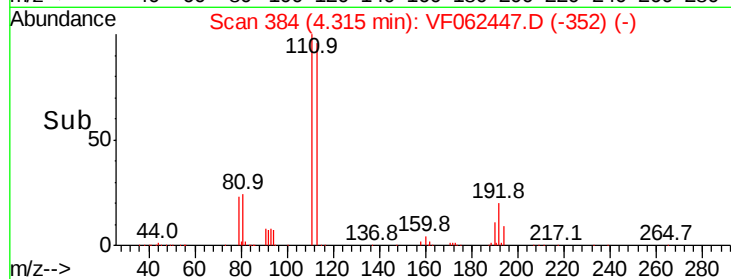
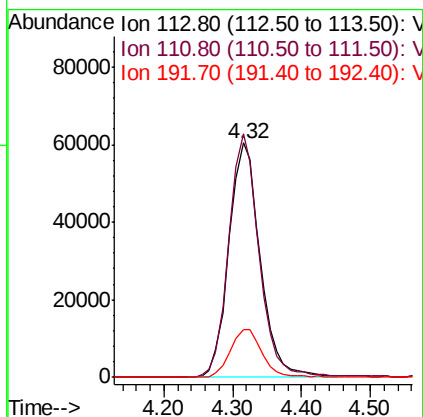
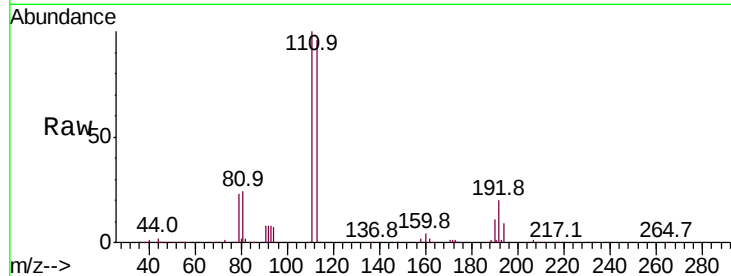




#35
 Dibromofluoromethane
 Concen: 75.954 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VF062447.D
 Acq: 11 May 2019 5:01

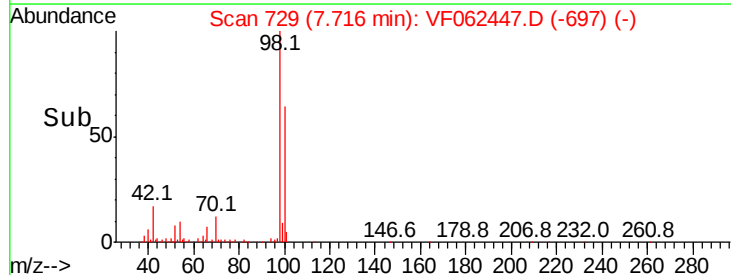
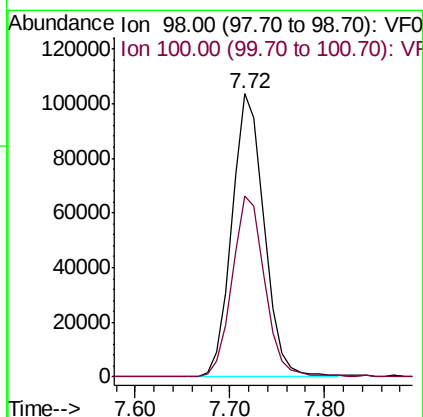
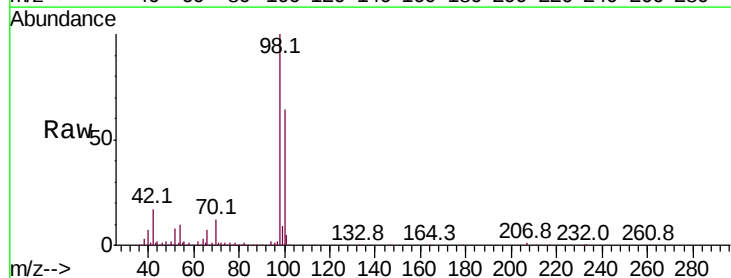
Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS011-0612-01

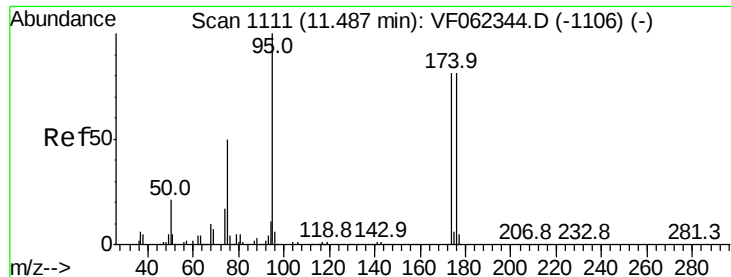
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.0
192	20.9	16.0	24.0



#50
 Toluene-d8
 Concen: 39.995 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VF062447.D
 Acq: 11 May 2019 5:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.3	79.9





#62

4-Bromofluorobenzene

Concen: 21.218 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062447.D

Acq: 11 May 2019 5:01

Instrument :

MSVOA_F

ClientSampleId :

P026-SS011-0612-01

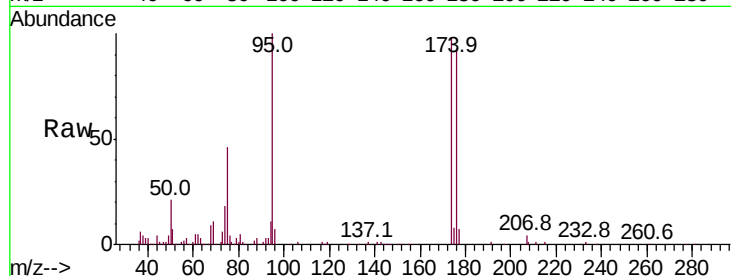
Tot Ion: 95 Resp: 58335

Ion Ratio Lower Upper

95 100

174 99.9 0.0 191.8

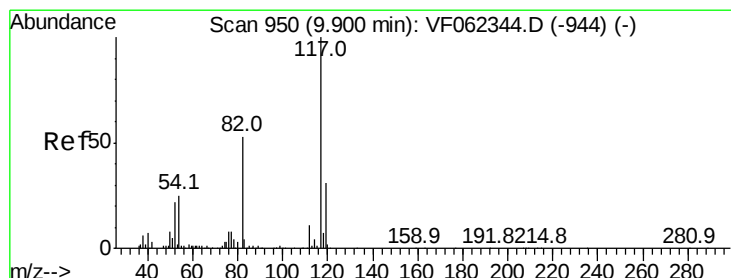
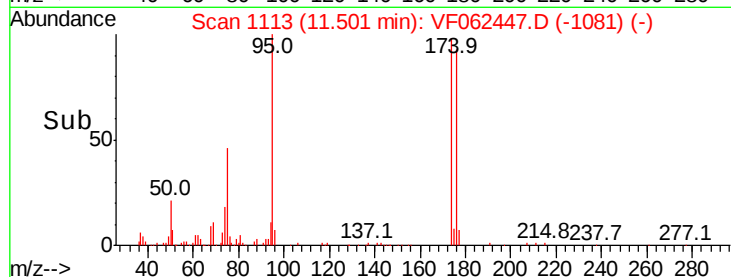
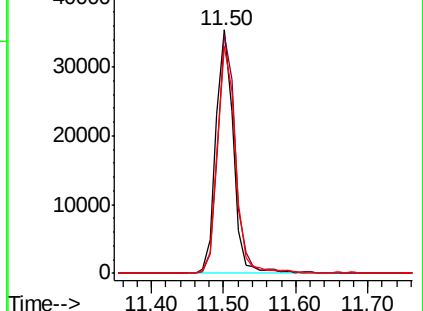
176 97.8 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF062447.D

Acq: 11 May 2019 5:01

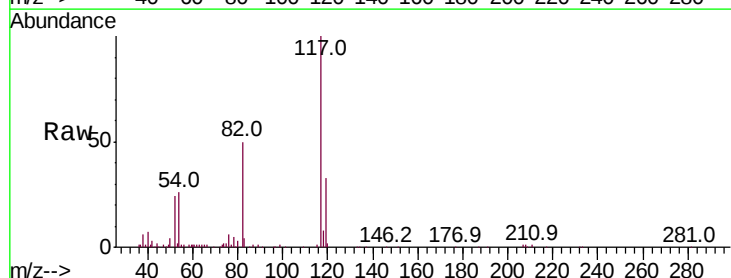
Tgt Ion: 117 Resp: 152641

Ion Ratio Lower Upper

117 100

82 49.8 42.2 63.2

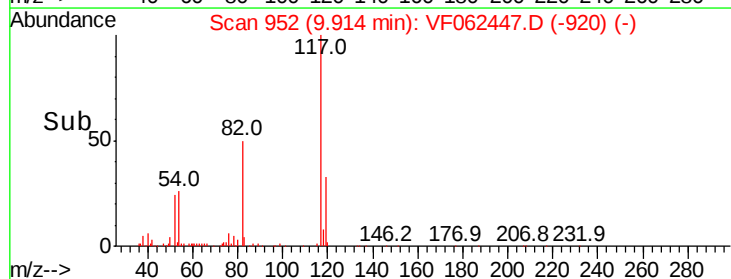
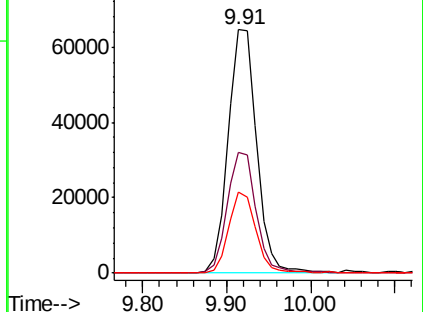
119 33.4 25.0 37.4

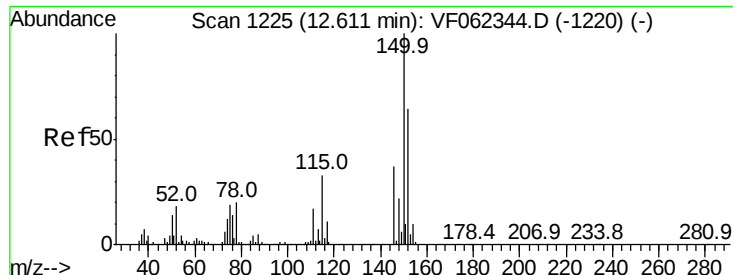


Abundance Ion 116.90 (116.60 to 117.60): V

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: VF062447.D

Acq: 11 May 2019 5:01

Instrument :

MSVOA_F

ClientSampleId :

P026-SS011-0612-01

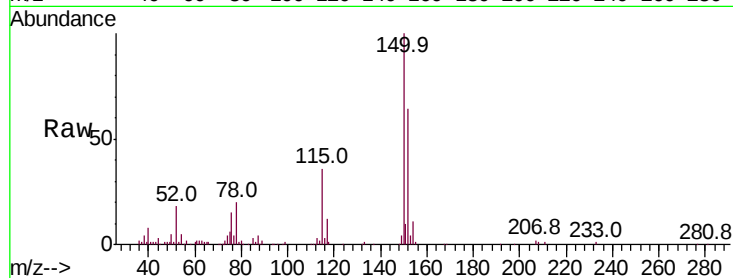
Tot Ion:152 Resp: 39183

Ion Ratio Lower Upper

152 100

115 53.5 26.4 79.2

150 150.3 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

