

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062535.D
 Acq On : 13 May 2019 7:35
 Operator : FY/SY
 Sample : K2734-16RE
 Misc : 4.73g/5mL/MSVOA F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-0002-01RE

Quant Time: May 13 08:05:49 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

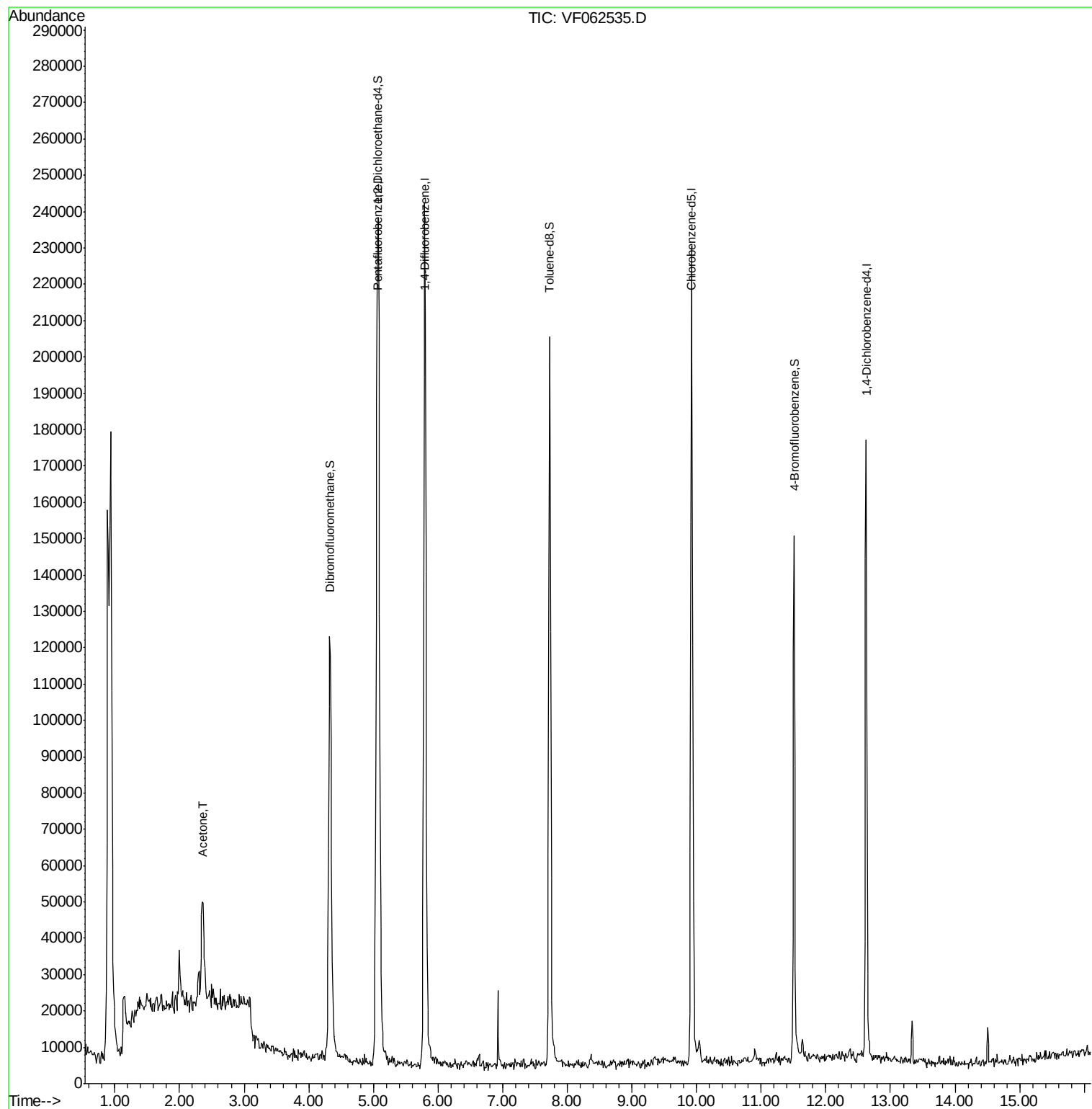
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	201585	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	259094	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	163668	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	45892	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	91716	48.14	ug/l	0.03
Spiked Amount 50.000			Recovery	=	96.28%	
35) Dibromofluoromethane	4.32	113	105733	51.22	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.44%	
50) Toluene-d8	7.73	98	174346	34.89	ug/l	0.03
Spiked Amount 50.000			Recovery	=	69.78%	
62) 4-Bromofluorobenzene	11.51	95	46213	20.50	ug/l	0.02
Spiked Amount 50.000			Recovery	=	41.00%	
Target Compounds						
16) Acetone	2.36	43	64551	167.500	ug/l #	Qvalue 90

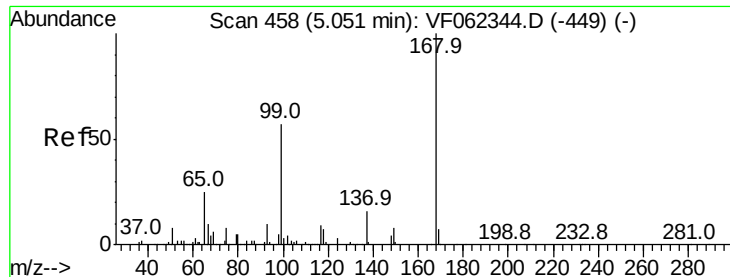
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
Data File : VF062535.D
Acq On : 13 May 2019 7:35
Operator : FY/SY
Sample : K2734-16RE
Misc : 4.73q/5mL/MSVOA F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0002-01RE

Quant Time: May 13 08:05:49 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: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062535.D

Acq: 13 May 2019 7:35

Instrument :

MSVOA_F

ClientSampleId :

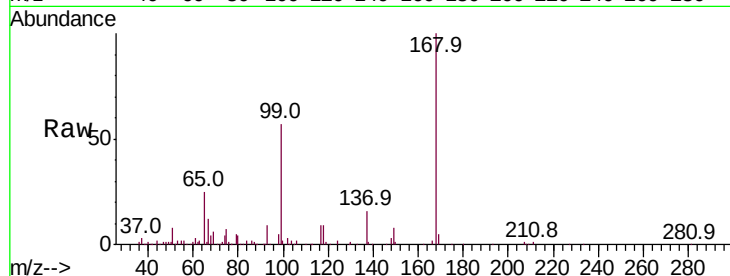
P026-SS014-0002-01RE

Tot Ion:168 Resp: 201585

Ion Ratio Lower Upper

168 100

99 56.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.07

80000

60000

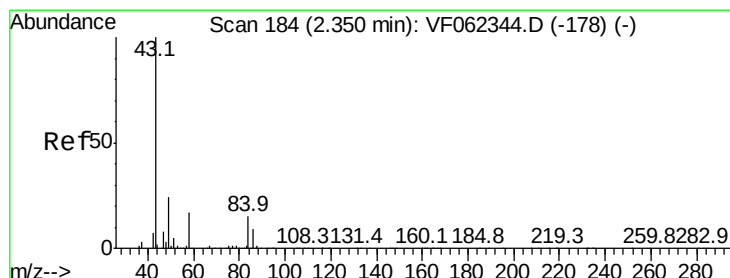
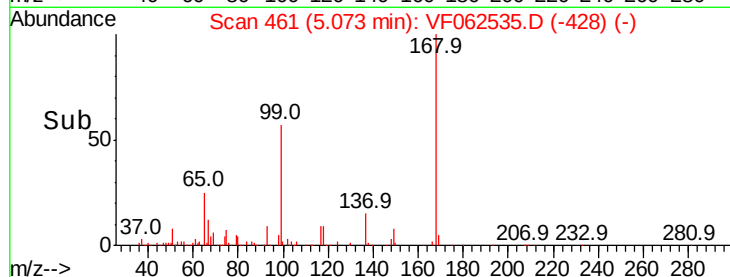
40000

20000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#16

Acetone

Concen: 167.500 ug/l

RT: 2.36 min Scan# 186

Delta R.T. 0.01 min

Lab File: VF062535.D

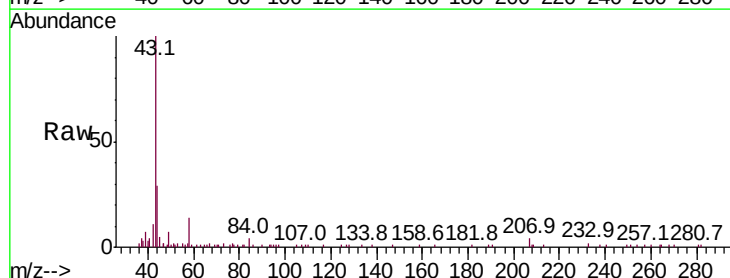
Acq: 13 May 2019 7:35

Tgt Ion: 43 Resp: 64551

Ion Ratio Lower Upper

43 100

58 12.2 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

20000

15000

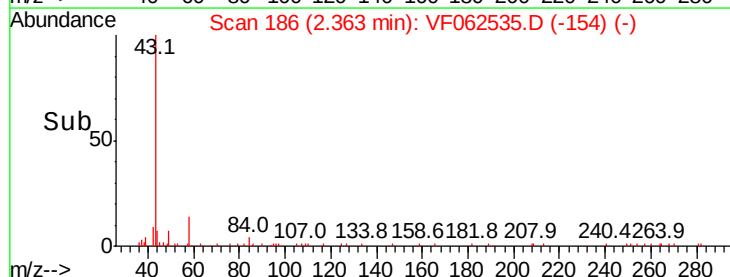
10000

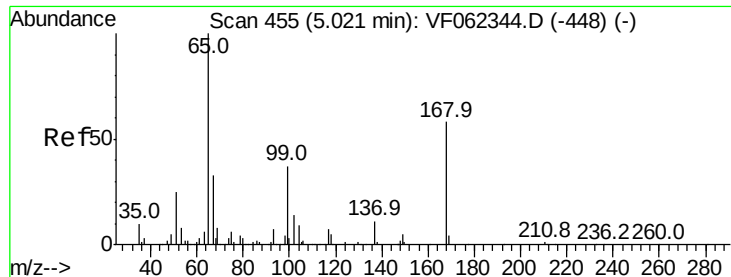
5000

0

2.20 2.30 2.40 2.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.143 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062535.D

Acq: 13 May 2019 7:35

Instrument :

MSVOA_F

ClientSampleId :

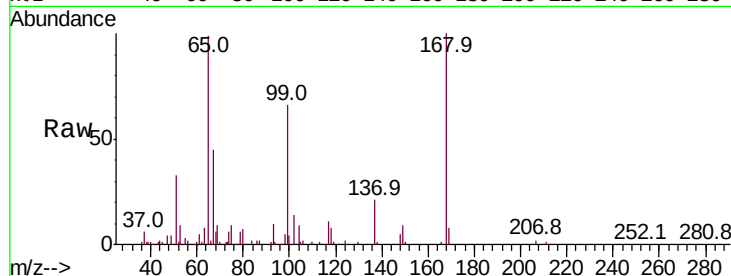
P026-SS014-0002-01RE

Tot Ion: 65 Resp: 91716

Ion Ratio Lower Upper

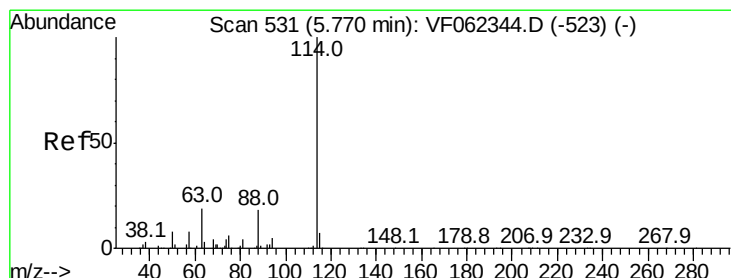
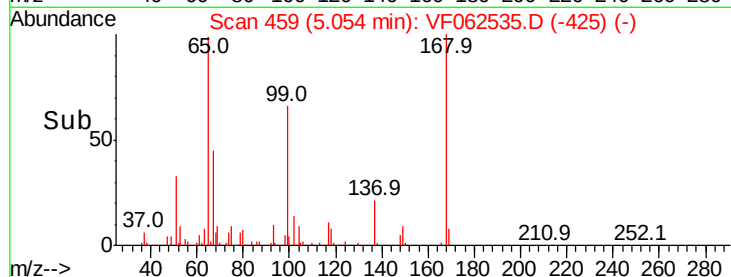
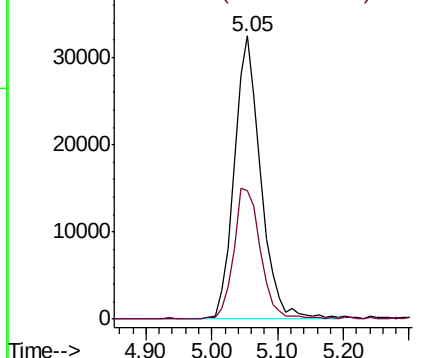
65 100

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: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062535.D

Acq: 13 May 2019 7:35

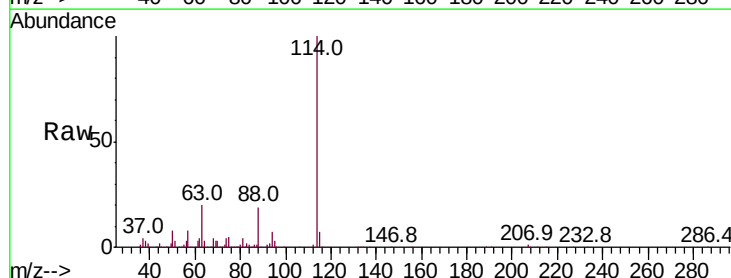
Tgt Ion:114 Resp: 259094

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

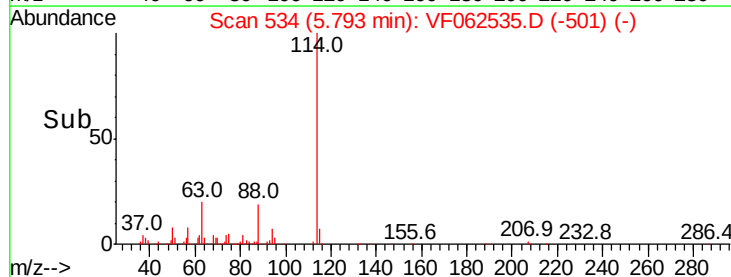
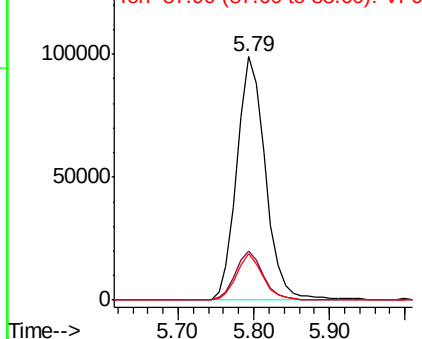
88 18.9 0.0 36.4

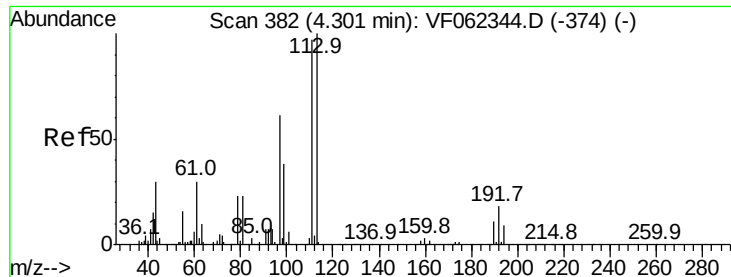


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

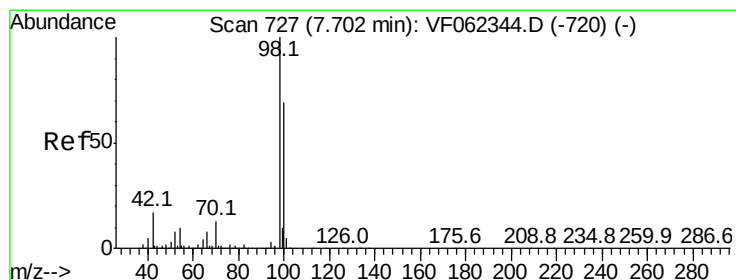
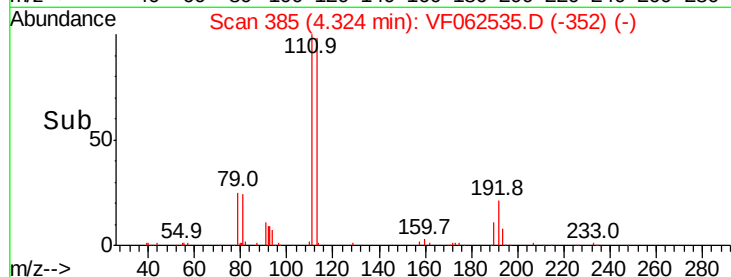
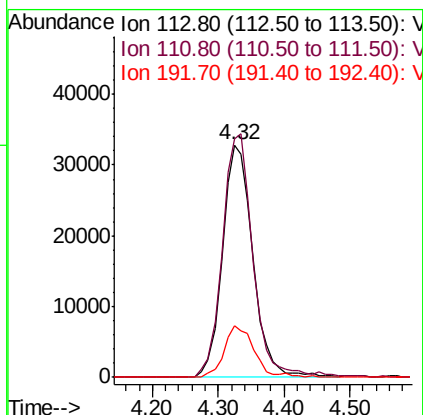
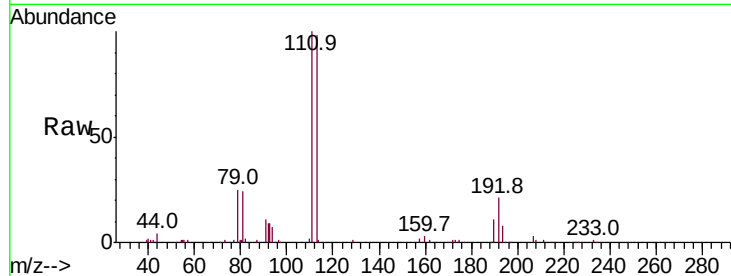




#35
 Dibromofluoromethane
 Concen: 51.223 ug/l
 RT: 4.32 min Scan# 385
 Delta R.T. 0.02 min
 Lab File: VF062535.D
 Acq: 13 May 2019 7:35

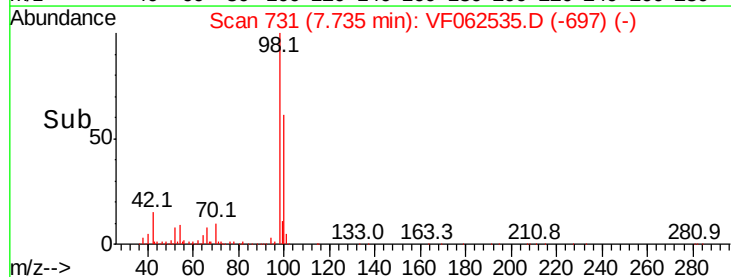
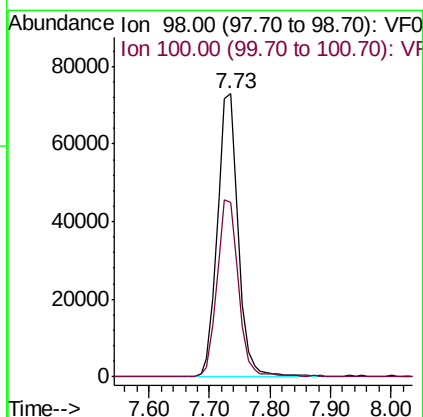
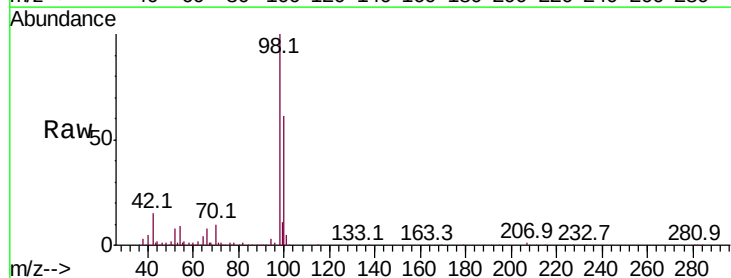
Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-0002-01RE

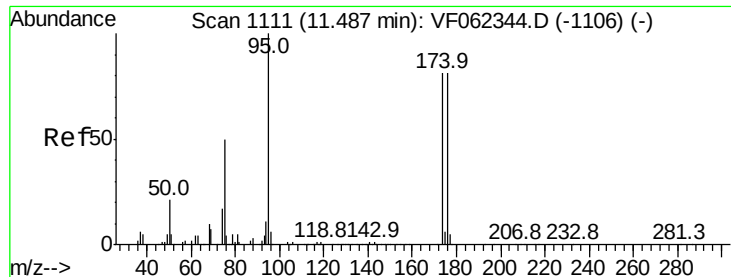
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	79.4	119.0
192	21.9	16.0	24.0



#50
 Toluene-d8
 Concen: 34.893 ug/l
 RT: 7.73 min Scan# 731
 Delta R.T. 0.03 min
 Lab File: VF062535.D
 Acq: 13 May 2019 7:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.3	79.9





#62

4-Bromofluorobenzene

Concen: 20.500 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VF062535.D

Acq: 13 May 2019 7:35

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-0002-01RE

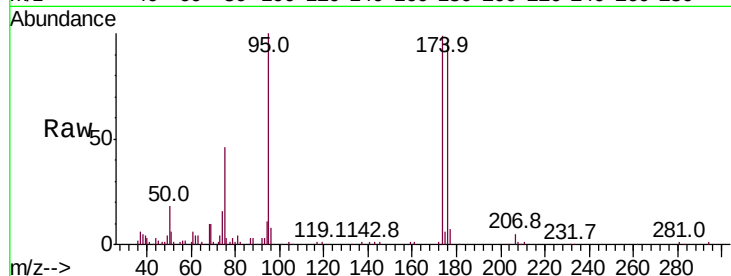
Tot Ion: 95 Resp: 46213

Ion Ratio Lower Upper

95 100

174 97.8 0.0 191.8

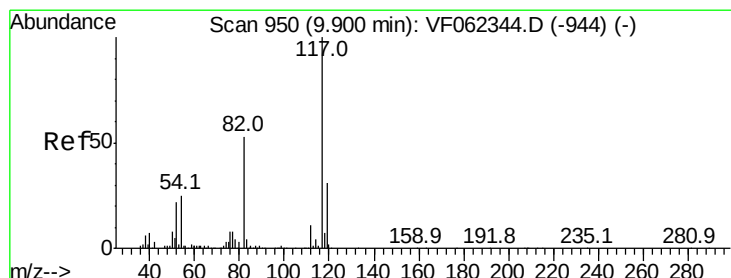
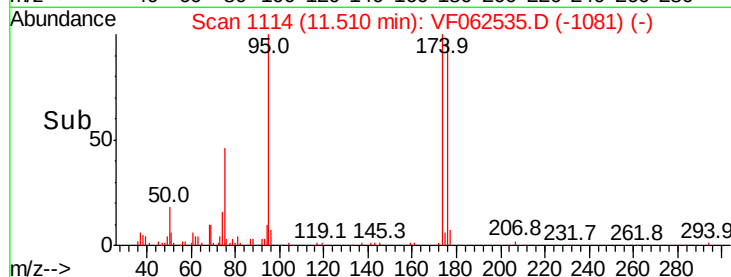
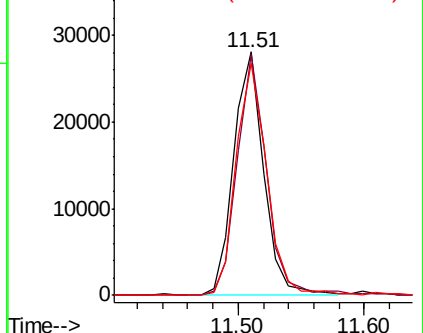
176 97.8 0.0 193.2



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: 9.92 min Scan# 953

Delta R.T. 0.02 min

Lab File: VF062535.D

Acq: 13 May 2019 7:35

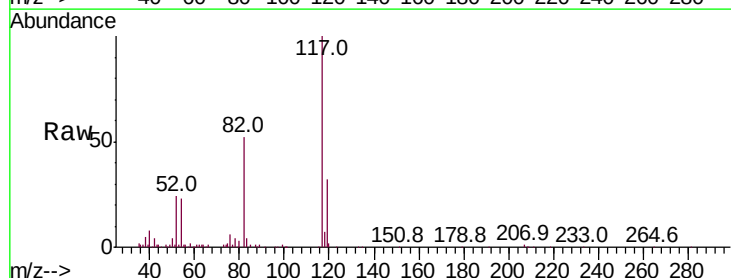
Tgt Ion: 117 Resp: 163668

Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.2

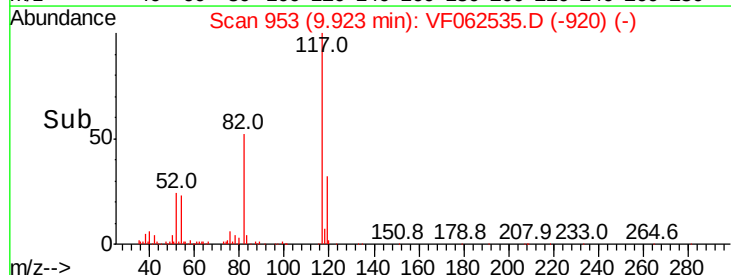
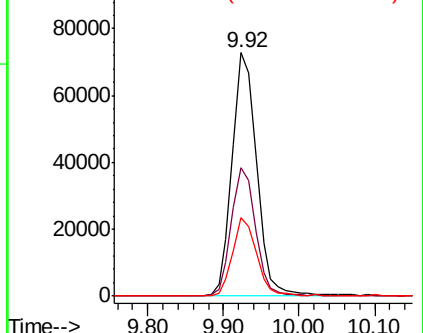
119 32.5 25.0 37.4

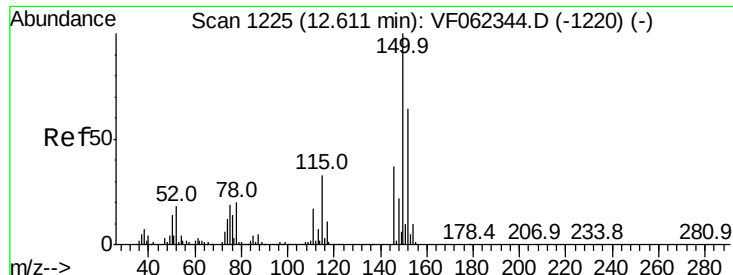


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.62 min Scan# 1227

Delta R.T. 0.01 min

Lab File: VF062535.D

Acq: 13 May 2019 7:35

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-0002-01RE

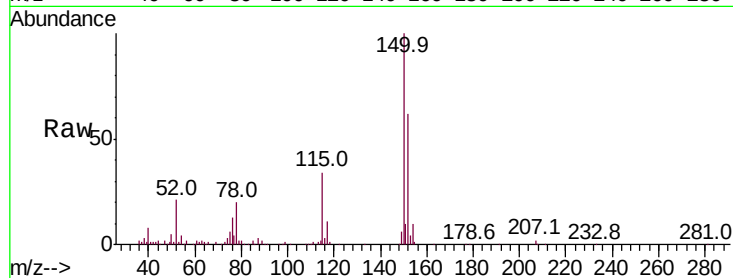
Tot Ion:152 Resp: 45892

Ion Ratio Lower Upper

152 100

115 56.8 26.4 79.2

150 158.0 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

