

Data File : VF062469.D
Acq On : 11 May 2019 19:27
Operator : FY/SY
Sample : K2734-17
Misc : 5.93/5mL/MSVOA_F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01

Quant Time: May 12 04:42:30 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	284292	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	361021	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	282339	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	157488	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	122099	45.45	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.90%	
35) Dibromofluoromethane	4.32	113	134678	46.83	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.66%	
50) Toluene-d8	7.72	98	257302	36.96	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.92%	
62) 4-Bromofluorobenzene	11.50	95	106226	33.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	67.64%	

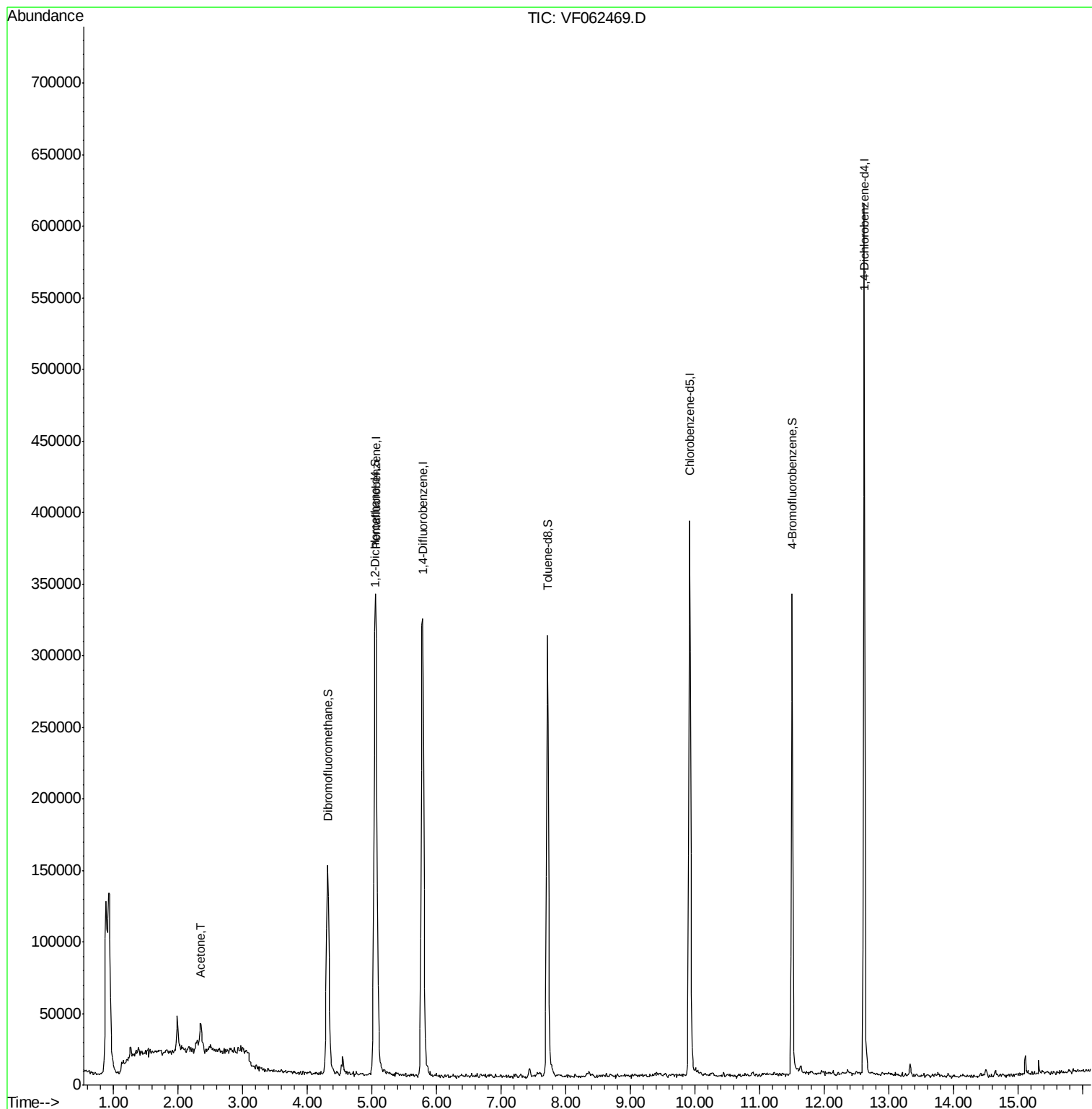
Target Compounds						Qvalue
16) Acetone	2.34	43	28584	52.593	ug/l #	92

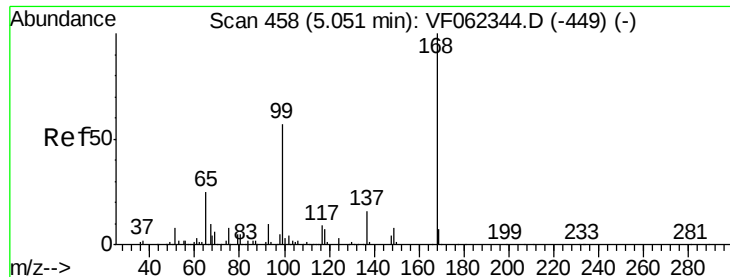
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

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MSVOA_F

ClientSampleId :

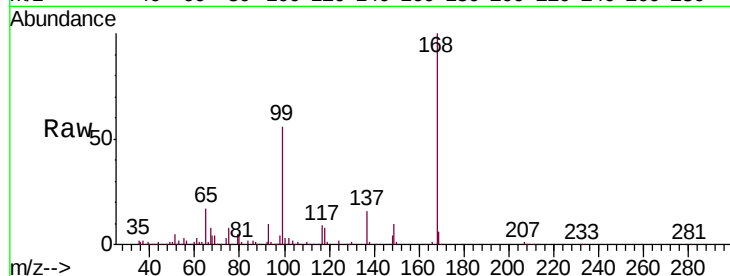
P026-SS014-0206-01

Tgt Ion:168 Resp: 284292

Ion Ratio Lower Upper

168 100

99 56.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.06

100000

80000

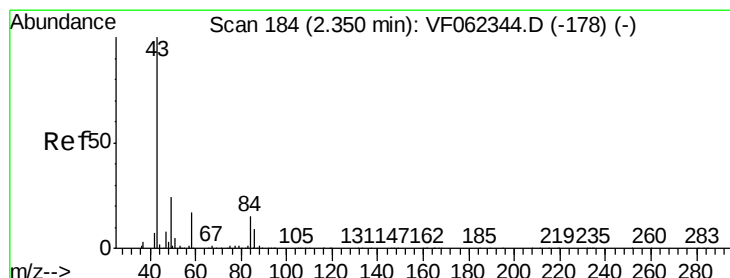
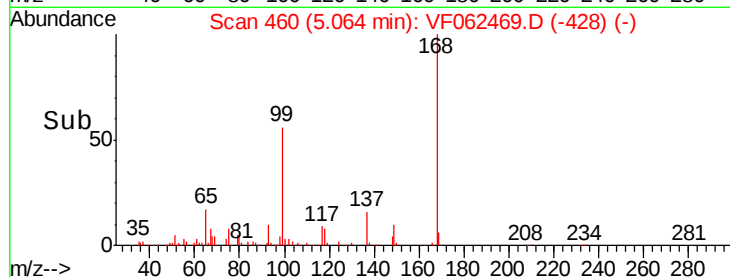
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 52.593 ug/l

RT: 2.34 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF062469.D

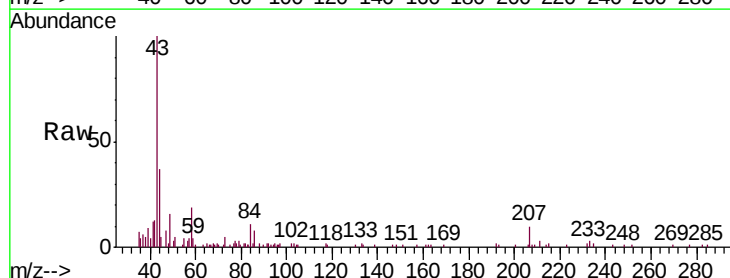
Acq: 11 May 2019 19:27

Tgt Ion: 43 Resp: 28584

Ion Ratio Lower Upper

43 100

58 19.8 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

12000

10000

8000

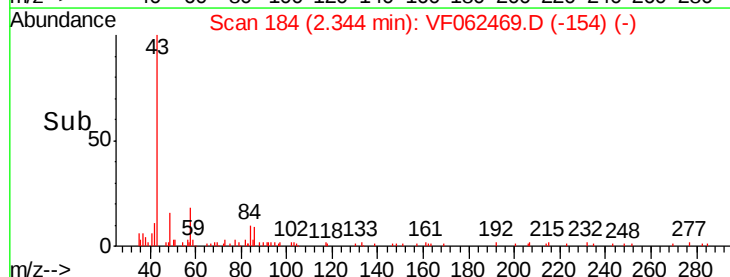
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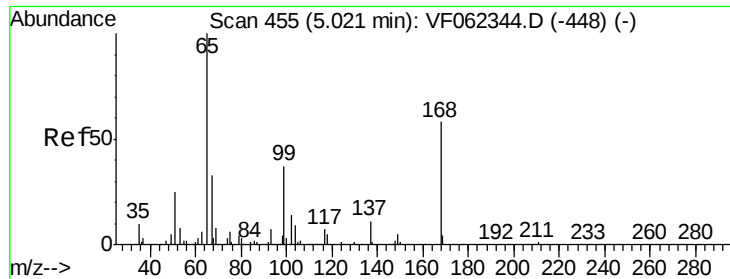
4000

2000

0

Time-->

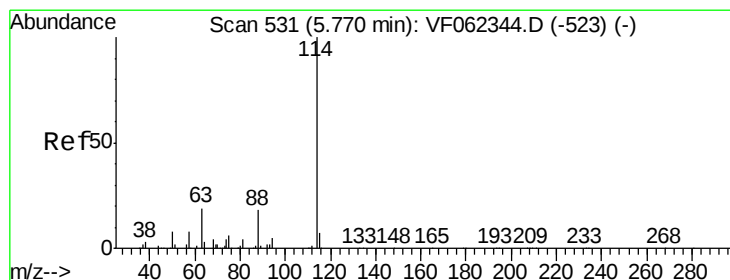
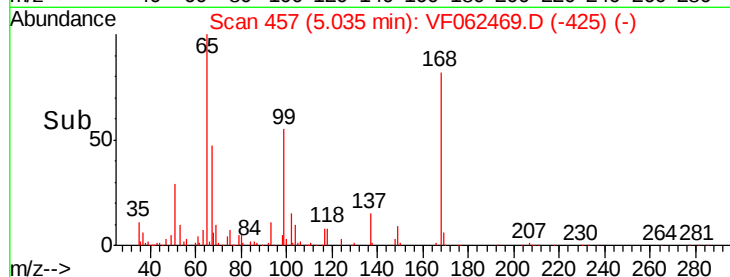
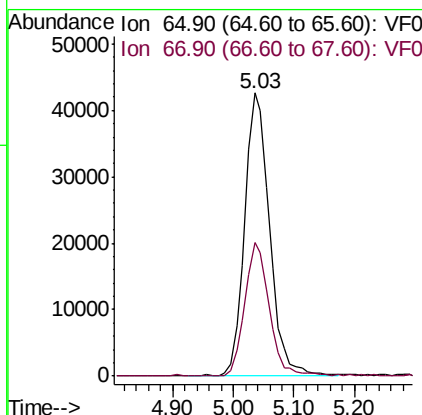
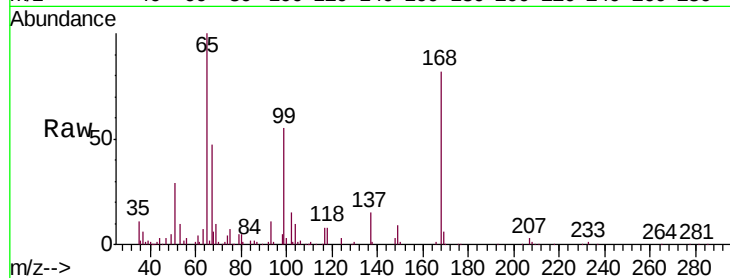




#33
 1,2-Dichloroethane-d4
 Concen: 45.446 ug/l
 RT: 5.03 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: VF062469.D
 Acq: 11 May 2019 19:27

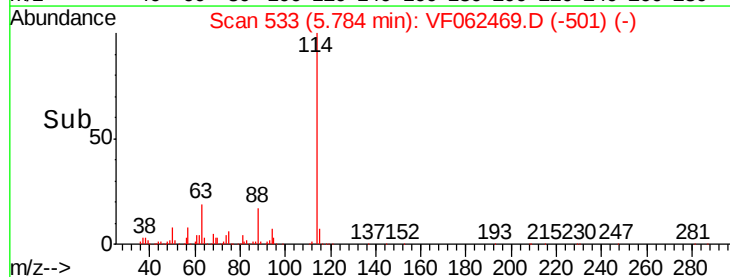
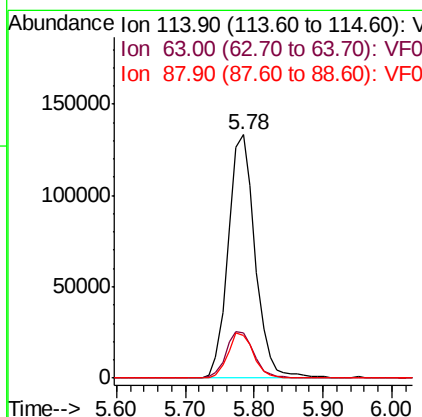
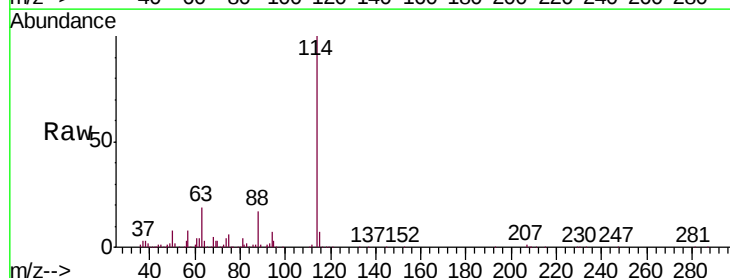
Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-0206-01

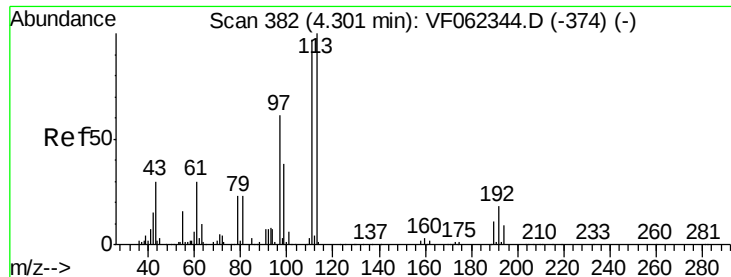
Tgt Ion: 65 Resp: 122099
 Ion Ratio Lower Upper
 65 100
 67 46.7 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VF062469.D
 Acq: 11 May 2019 19:27

Tgt Ion: 114 Resp: 361021
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.4
 88 17.3 0.0 36.4

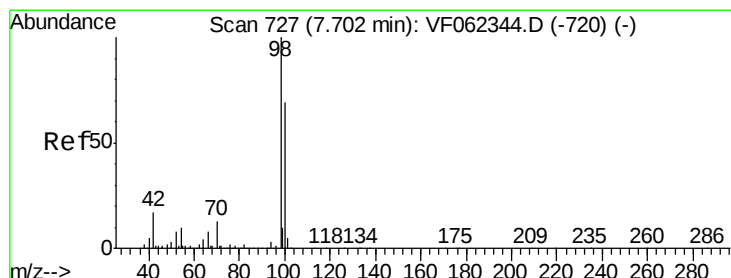
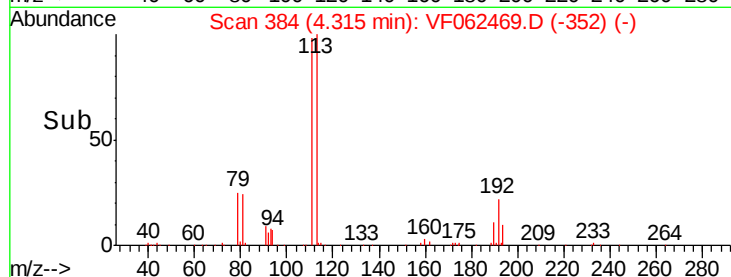
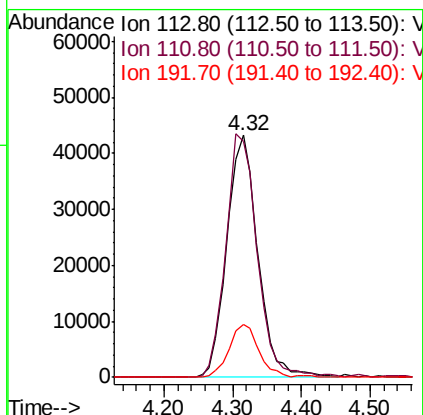
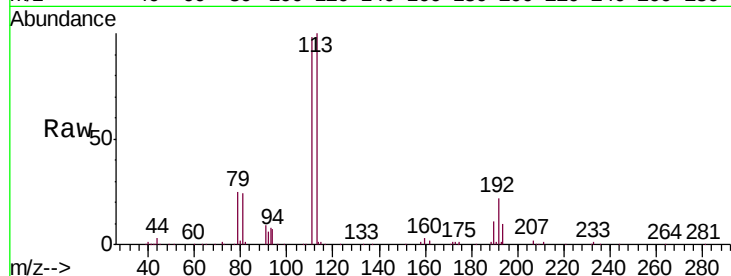




#35
 Dibromofluoromethane
 Concen: 46.825 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VF062469.D
 Acq: 11 May 2019 19:27

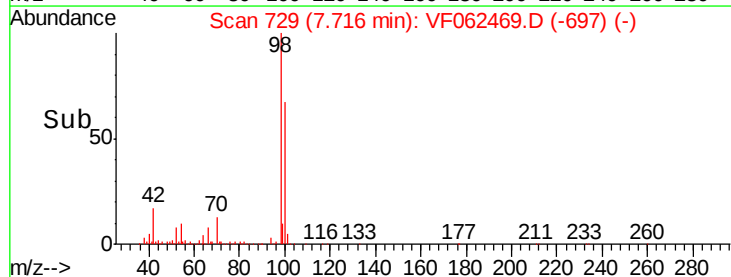
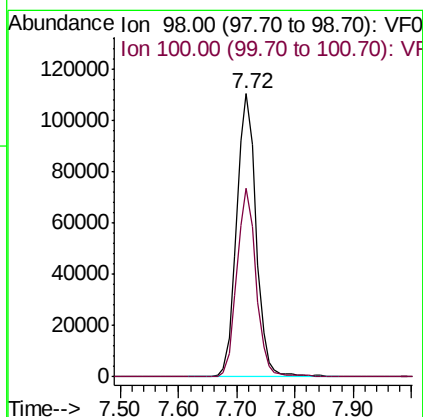
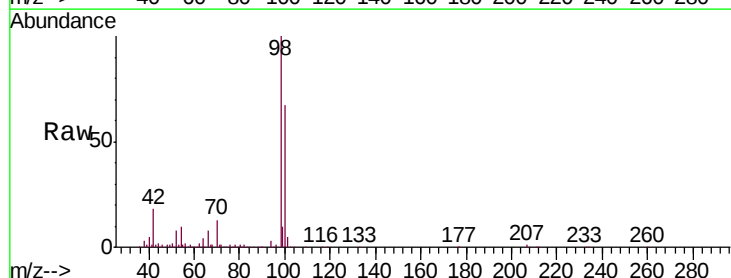
Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-0206-01

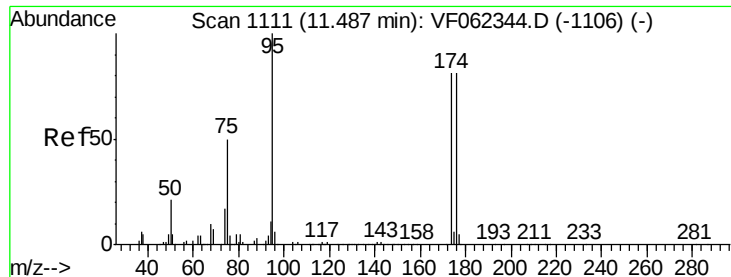
Tgt Ion:113 Resp: 134678
 Ion Ratio Lower Upper
 113 100
 111 101.5 79.4 119.0
 192 21.3 16.0 24.0



#50
 Toluene-d8
 Concen: 36.957 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VF062469.D
 Acq: 11 May 2019 19:27

Tgt Ion: 98 Resp: 257302
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 33.818 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062469.D

Acq: 11 May 2019 19:27

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-0206-01

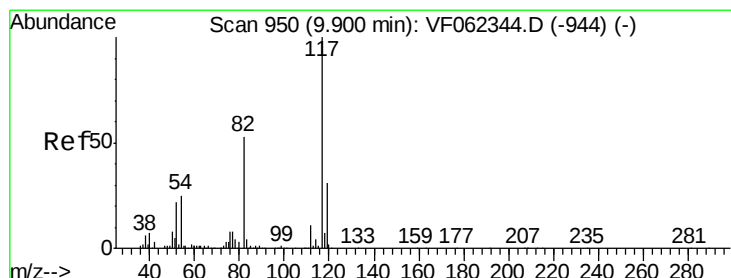
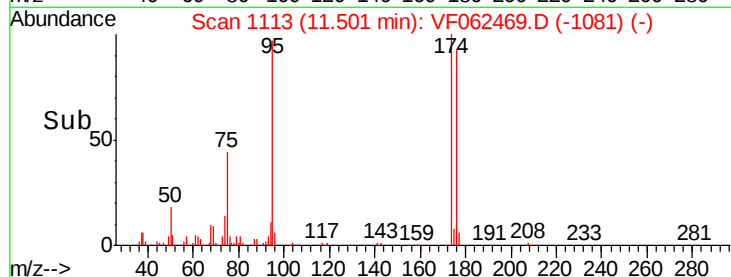
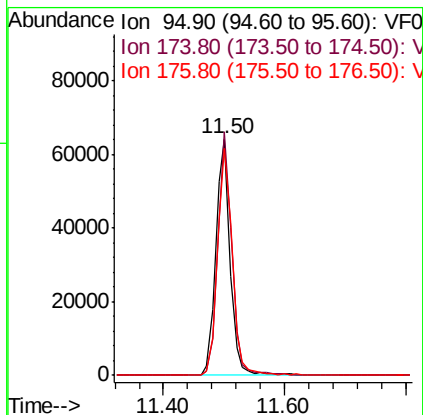
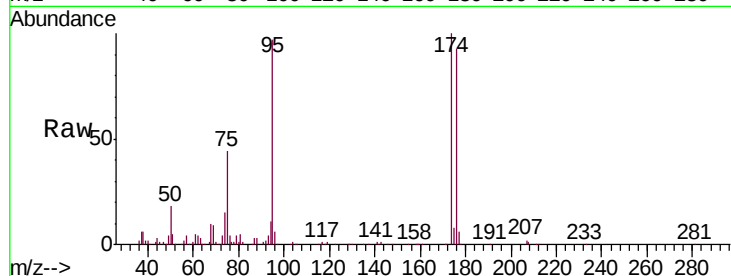
Tgt Ion: 95 Resp: 106226

Ion Ratio Lower Upper

95 100

174 100.3 0.0 191.8

176 98.4 0.0 193.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF062469.D

Acq: 11 May 2019 19:27

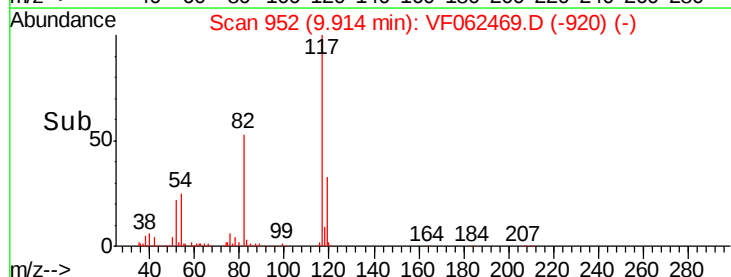
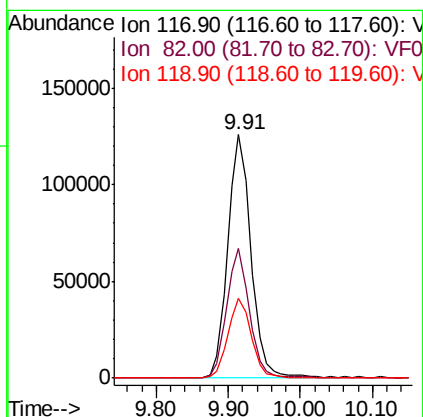
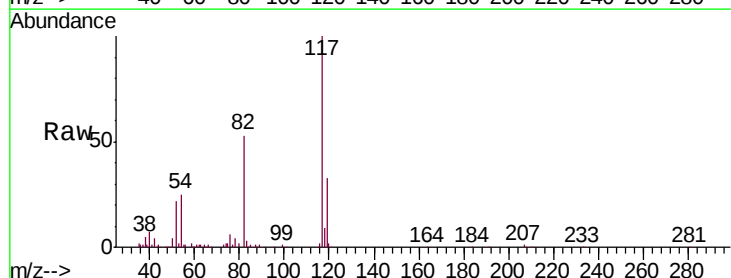
Tgt Ion: 117 Resp: 282339

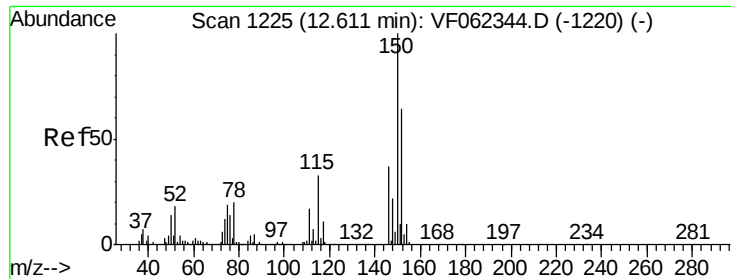
Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.2

119 32.5 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062469.D

Acq: 11 May 2019 19:27

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-0206-01

Tgt Ion:152 Resp: 157488

Ion Ratio Lower Upper

152 100

115 53.6 26.4 79.2

150 156.4 0.0 335.0

