

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062576.D
 Acq On : 14 May 2019 8:42
 Operator : FY/SY
 Sample : K2757-04
 Misc : 6.16g/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS009-0206-01

Quant Time: May 14 11:16:40 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	5.09	168	79283	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.80	114	95595	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	74372	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	30488	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	30643	40.90	ug/l	0.04
Spiked Amount 50.000			Recovery	=	81.80%	
35) Dibromofluoromethane	4.34	113	39034	51.25	ug/l	0.04
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	7.74	98	69800	37.86	ug/l	0.04
Spiked Amount 50.000			Recovery	=	75.72%	
62) 4-Bromofluorobenzene	11.51	95	27952	33.61	ug/l	0.03
Spiked Amount 50.000			Recovery	=	67.22%	

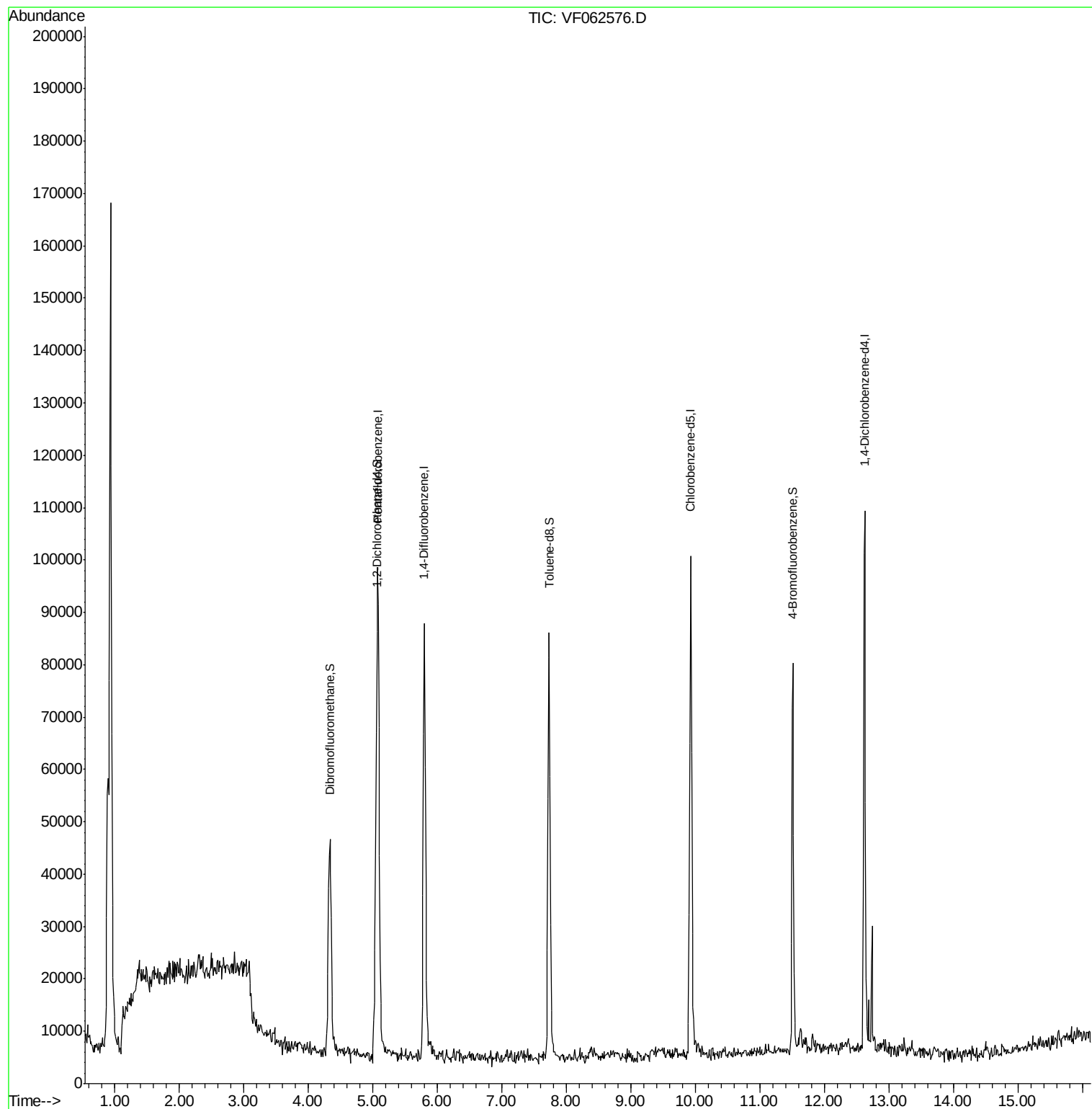
Target Compounds	Qvalue
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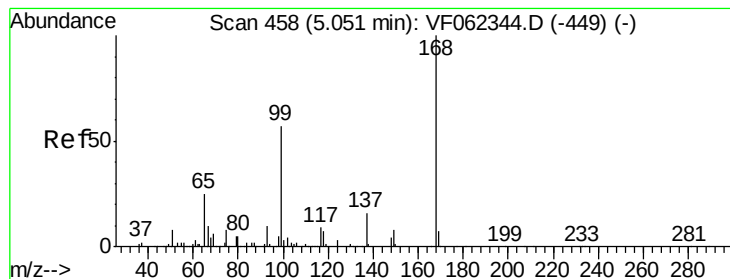
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.09 min Scan# 462

Delta R.T. 0.04 min

Lab File: VF062576.D

Acq: 14 May 2019 8:42

Instrument :

MSVOA_F

ClientSampleId :

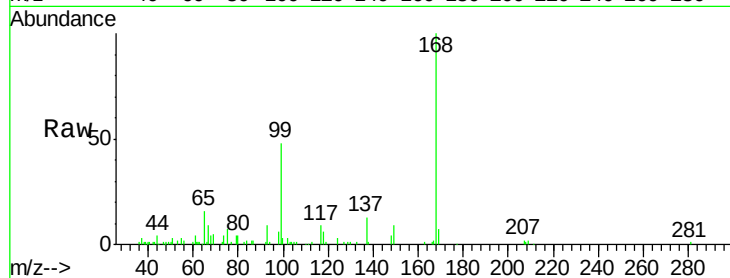
P021-SS009-0206-01

Tot Ion:168 Resp: 79283

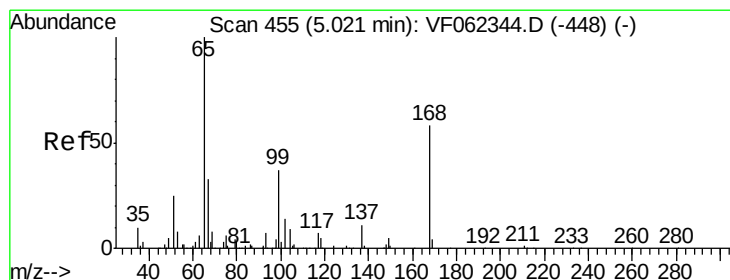
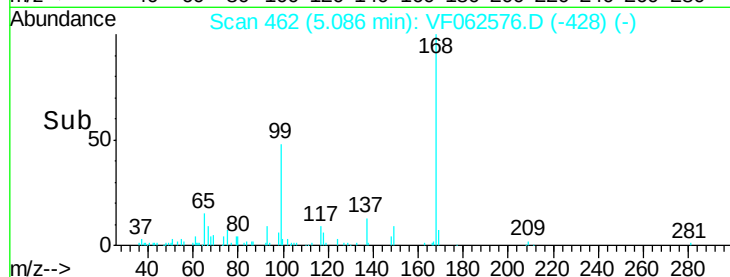
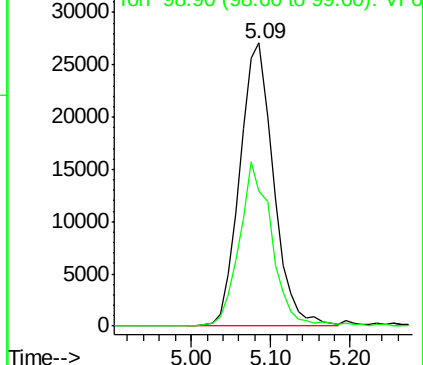
Ion Ratio Lower Upper

168 100

99 47.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 40.898 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.04 min

Lab File: VF062576.D

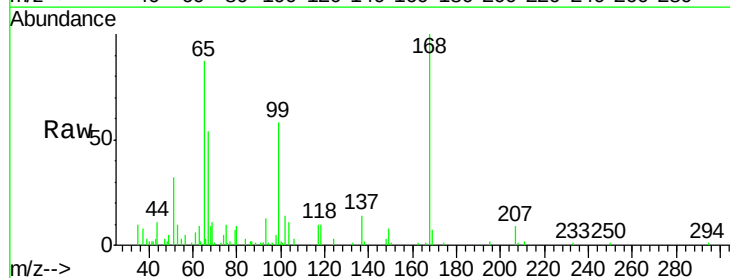
Acq: 14 May 2019 8:42

Tgt Ion: 65 Resp: 30643

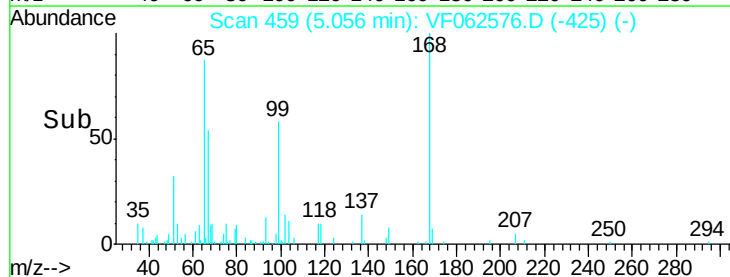
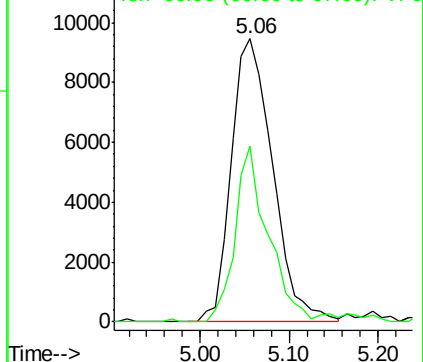
Ion Ratio Lower Upper

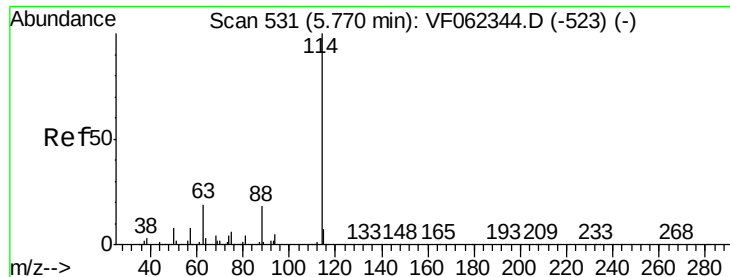
65 100

67 49.5 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062576.D

Acq: 14 May 2019 8:42

Instrument :

MSVOA_F

ClientSampleId :

P021-SS009-0206-01

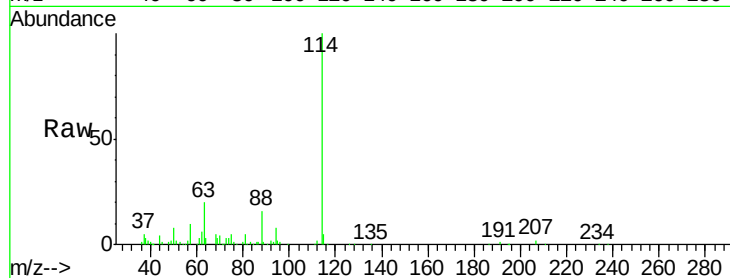
Tot Ion:114 Resp: 95595

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

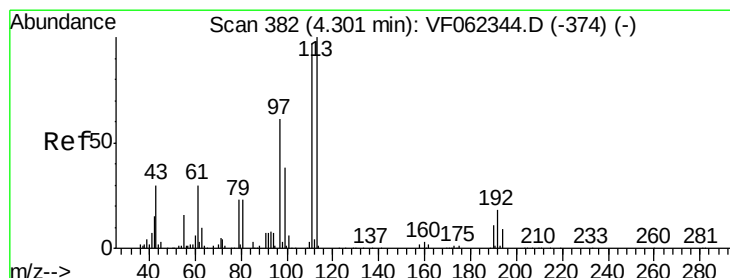
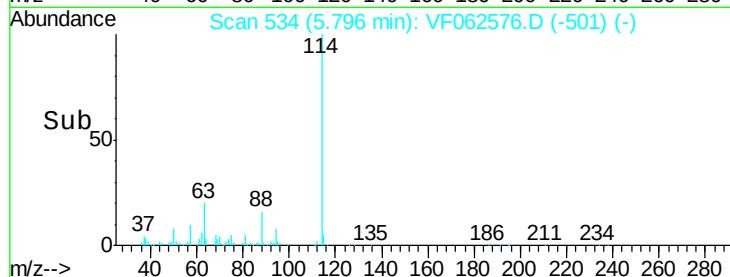
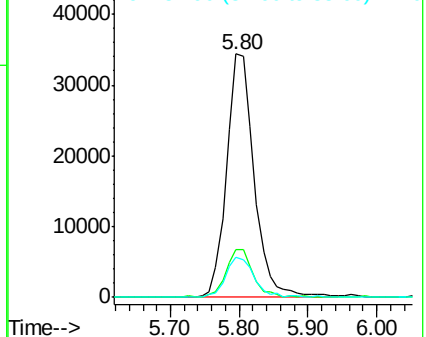
88 16.2 0.0 36.4



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: 51.253 ug/l

RT: 4.34 min Scan# 386

Delta R.T. 0.04 min

Lab File: VF062576.D

Acq: 14 May 2019 8:42

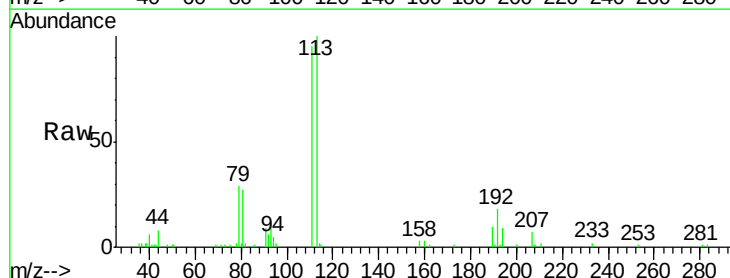
Tgt Ion:113 Resp: 39034

Ion Ratio Lower Upper

113 100

111 100.8 79.4 119.0

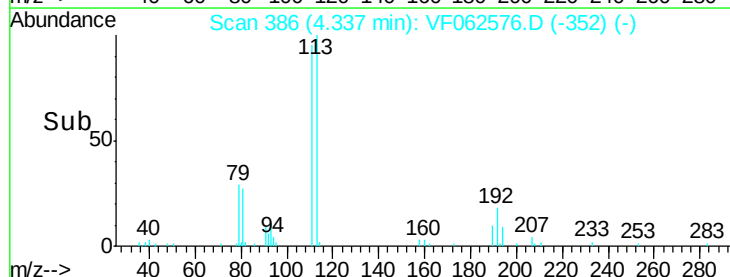
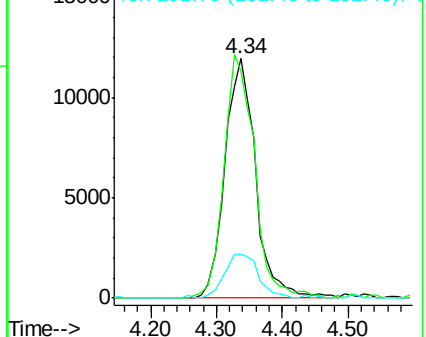
192 20.3 16.0 24.0

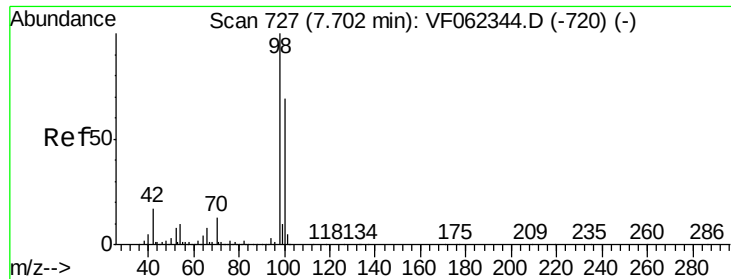


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

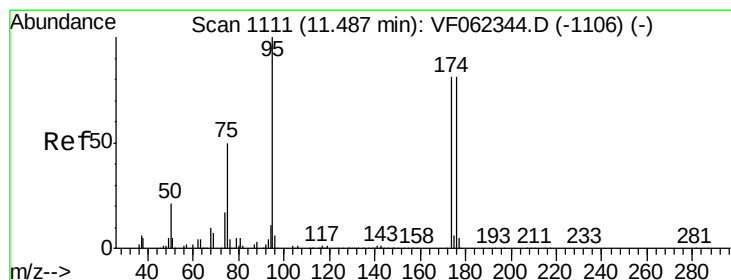
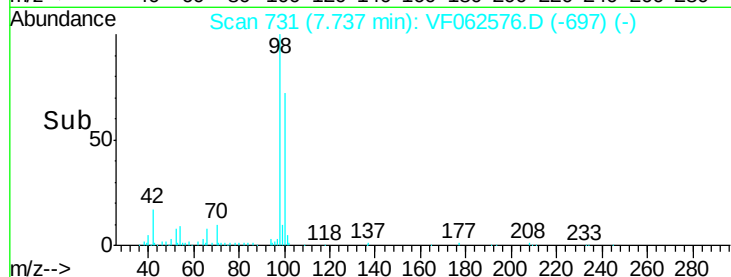
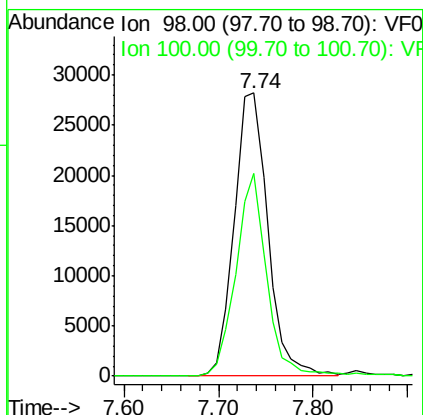
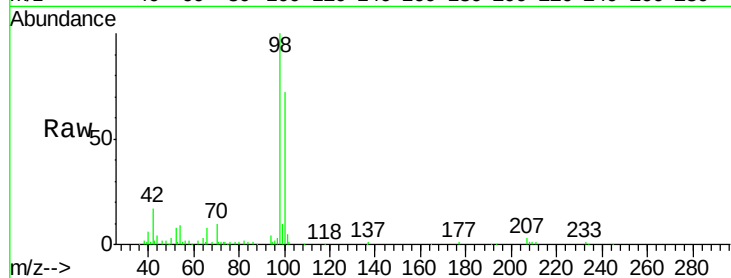




#50
Toluene-d8
Concen: 37.862 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.04 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

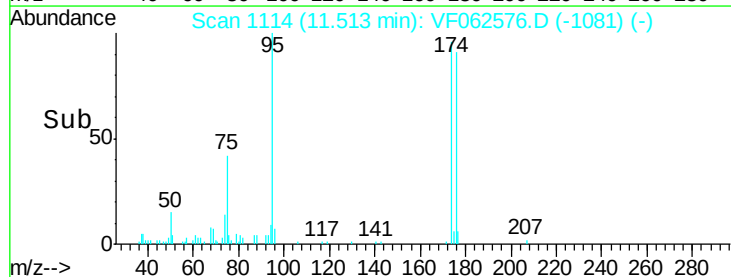
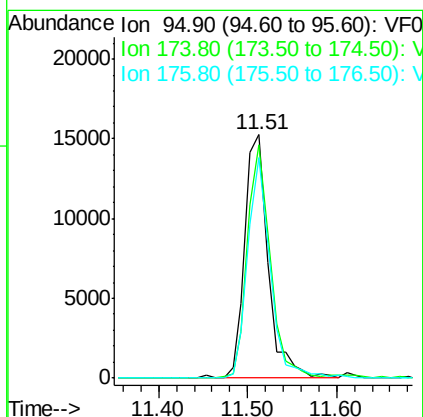
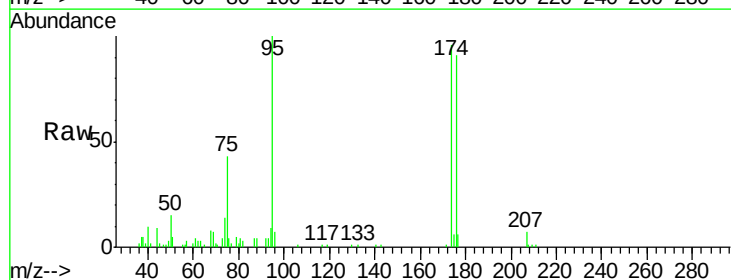
Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

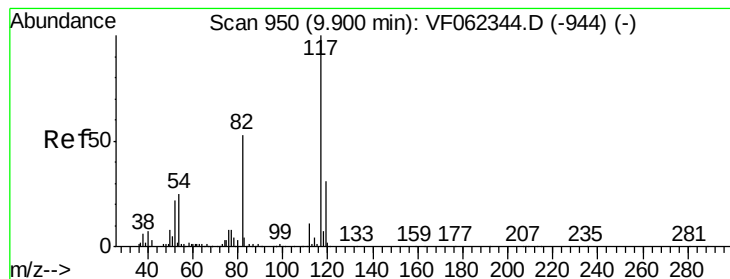
Tot Ion: 98 Resp: 69800
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 33.607 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion: 95 Resp: 27952
Ion Ratio Lower Upper
95 100
174 92.8 0.0 191.8
176 86.8 0.0 193.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. 0.03 min

Lab File: VF062576.D

Acq: 14 May 2019 8:42

Instrument :

MSVOA_F

ClientSampleId :

P021-SS009-0206-01

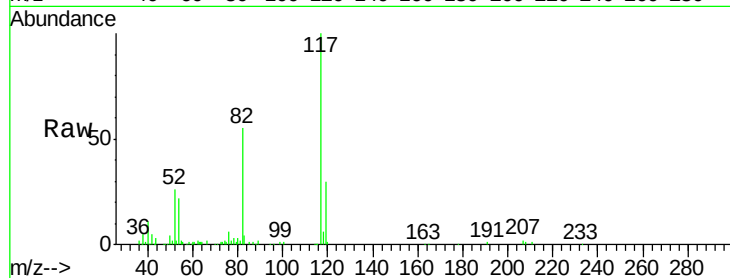
Tot Ion:117 Resp: 74372

Ion Ratio Lower Upper

117 100

82 55.2 42.2 63.2

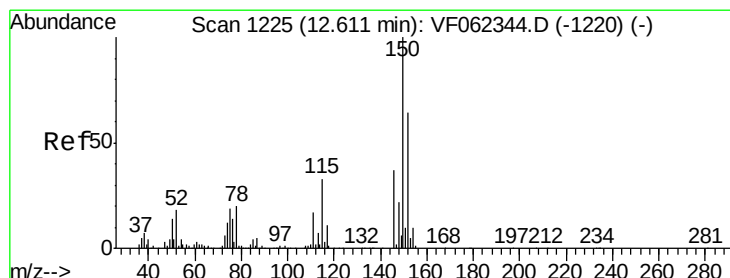
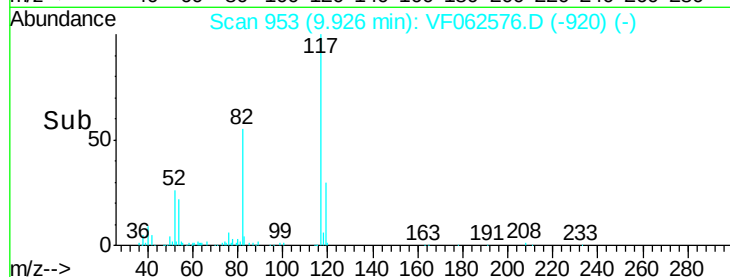
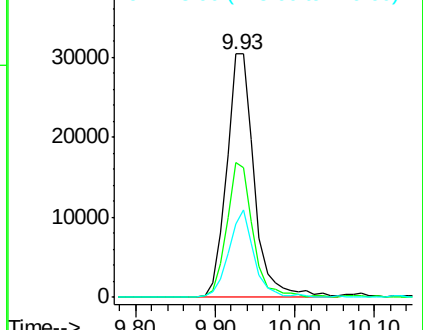
119 30.0 25.0 37.4



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: 12.63 min Scan# 1227

Delta R.T. 0.02 min

Lab File: VF062576.D

Acq: 14 May 2019 8:42

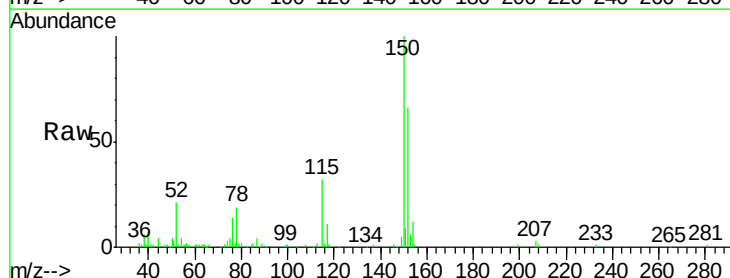
Tgt Ion:152 Resp: 30488

Ion Ratio Lower Upper

152 100

115 50.7 26.4 79.2

150 155.5 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

