

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062573.D
 Acq On : 14 May 2019 7:18
 Operator : FY/SY
 Sample : K2757-01
 Misc : 5.22g/5mL/MSVOA F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS008-1218-01

Quant Time: May 14 08:48:31 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	5.08	168	47795	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	56773	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	51181	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	25935	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	16062	35.56	ug/l	0.04
Spiked Amount 50.000			Recovery	=	71.12%	
35) Dibromofluoromethane	4.34	113	18878	41.74	ug/l	0.04
Spiked Amount 50.000			Recovery	=	83.48%	
50) Toluene-d8	7.73	98	44777	40.90	ug/l	0.03
Spiked Amount 50.000			Recovery	=	81.80%	
62) 4-Bromofluorobenzene	11.51	95	18670	37.80	ug/l	0.02
Spiked Amount 50.000			Recovery	=	75.60%	

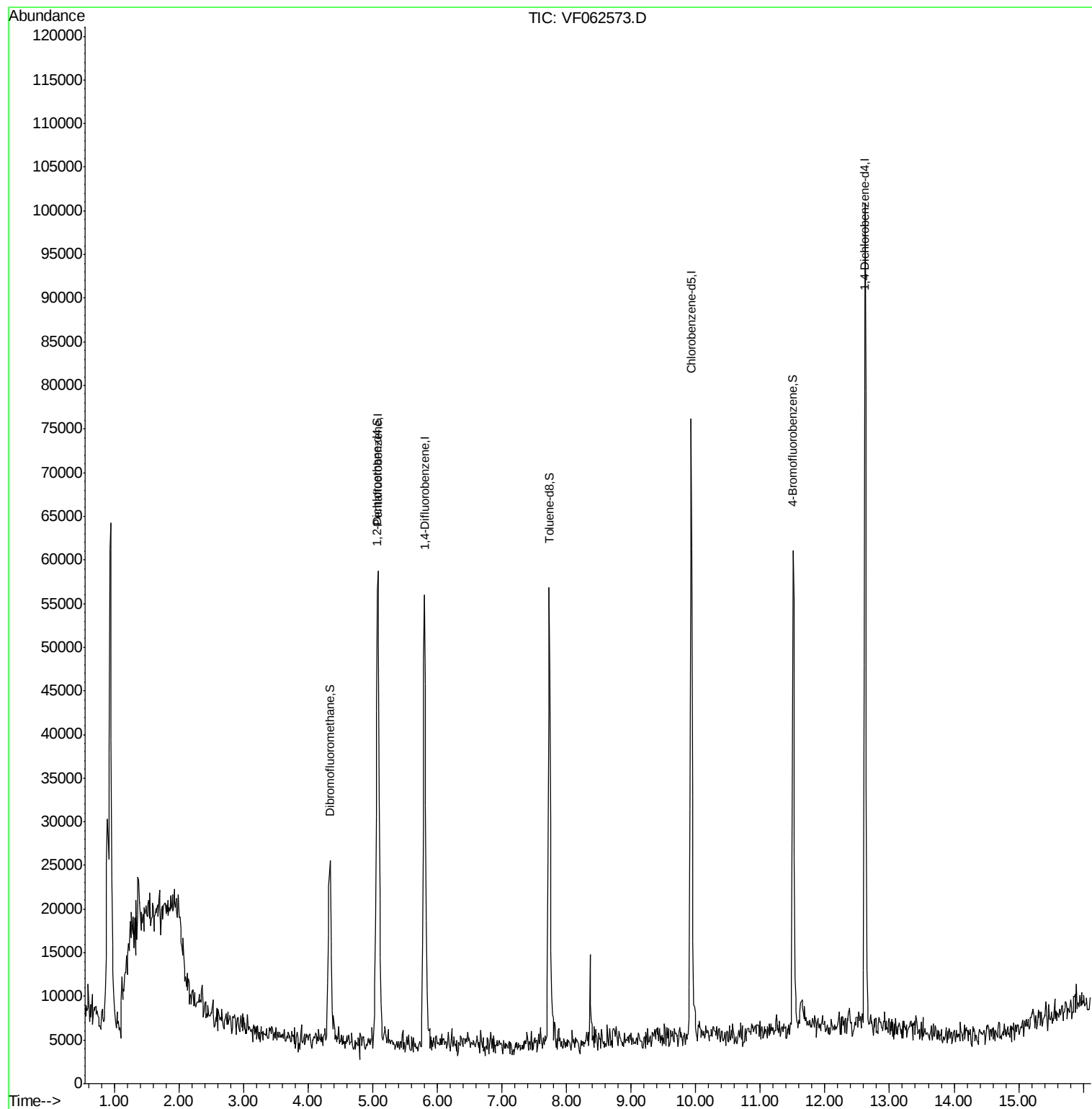
Target Compounds	Qvalue
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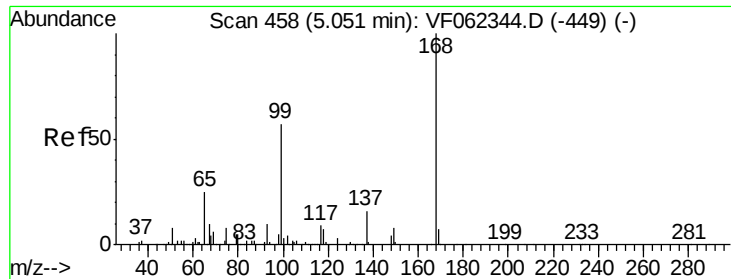
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062573.D

Acq: 14 May 2019 7:18

Instrument :

MSVOA_F

ClientSampleId :

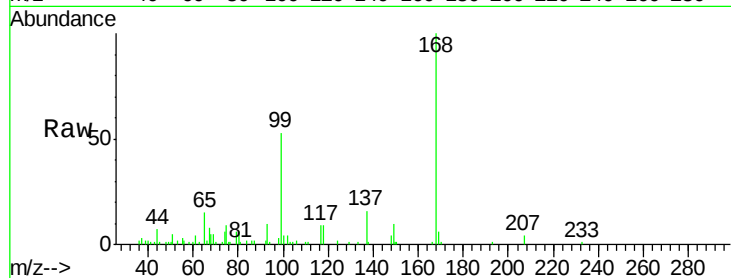
P021-SS008-1218-01

Tot Ion:168 Resp: 47795

Ion Ratio Lower Upper

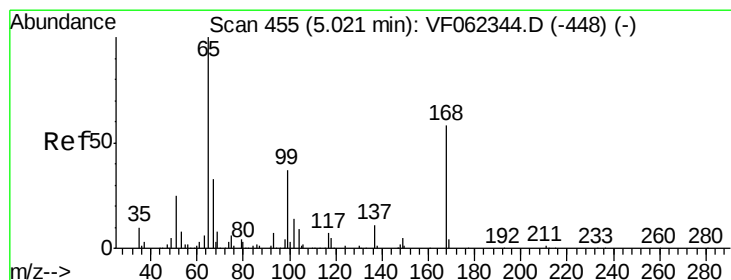
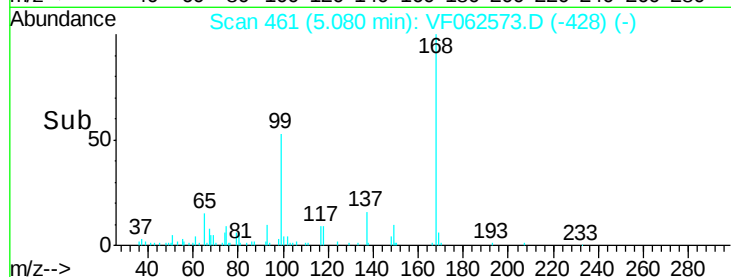
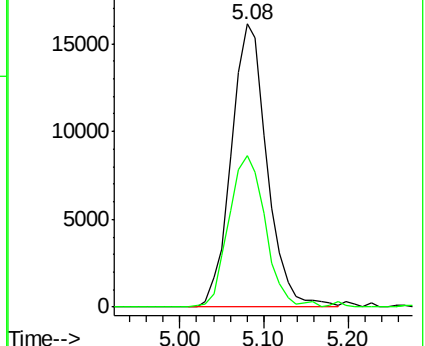
168 100

99 53.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 35.560 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.04 min

Lab File: VF062573.D

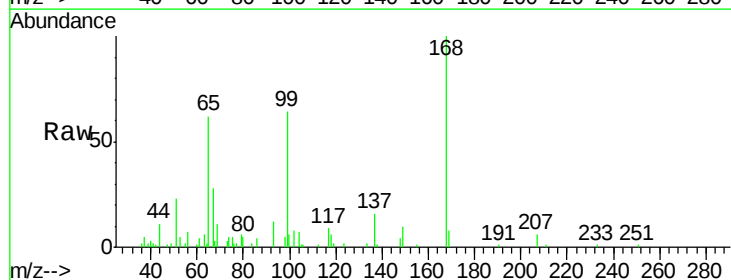
Acq: 14 May 2019 7:18

Tgt Ion: 65 Resp: 16062

Ion Ratio Lower Upper

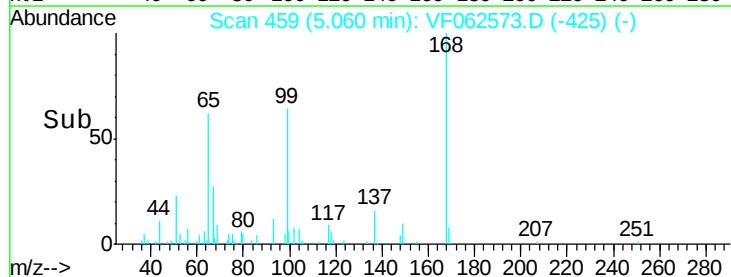
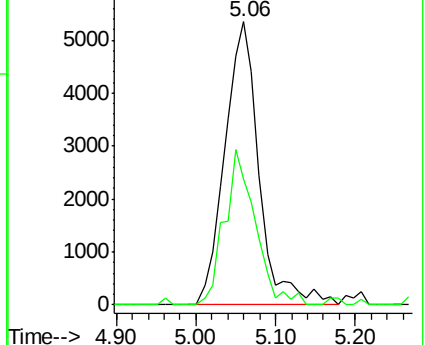
65 100

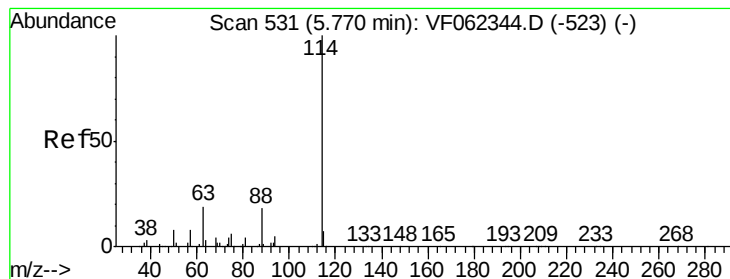
67 49.6 0.0 85.8



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: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062573.D

Acq: 14 May 2019 7:18

Instrument :

MSVOA_F

ClientSampleId :

P021-SS008-1218-01

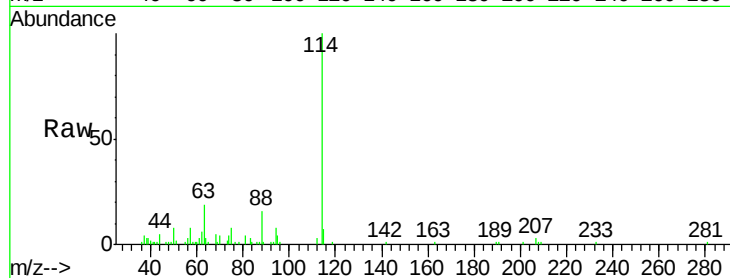
Tot Ion:114 Resp: 56773

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

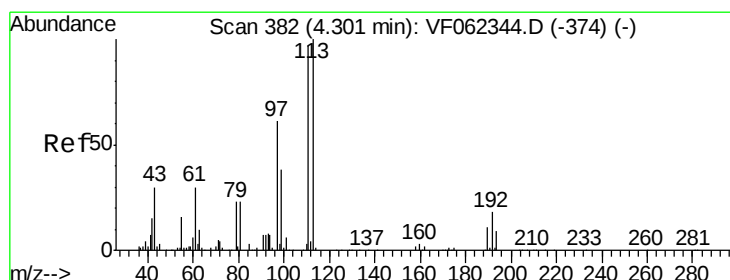
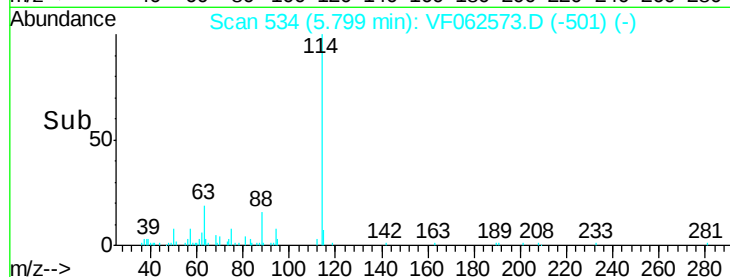
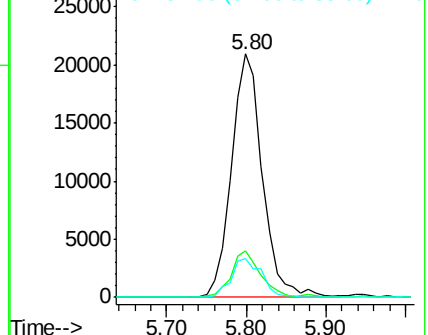
88 16.0 0.0 36.4



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: 41.738 ug/l

RT: 4.34 min Scan# 386

Delta R.T. 0.04 min

Lab File: VF062573.D

Acq: 14 May 2019 7:18

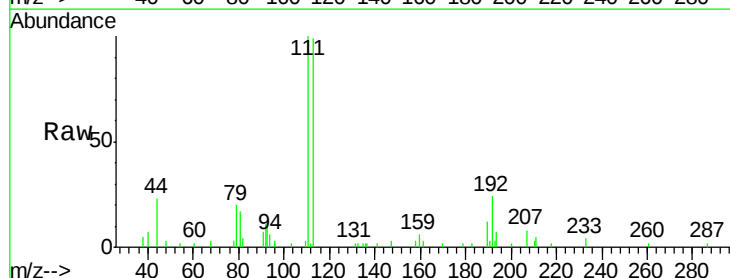
Tgt Ion:113 Resp: 18878

Ion Ratio Lower Upper

113 100

111 99.3 79.4 119.0

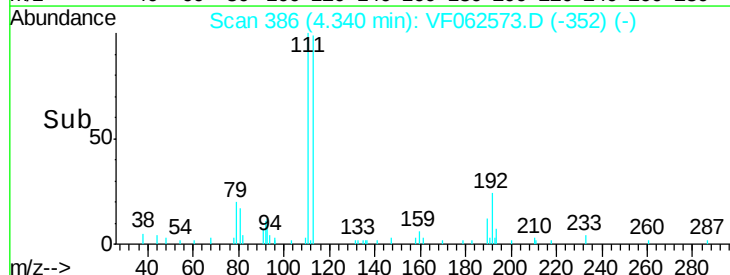
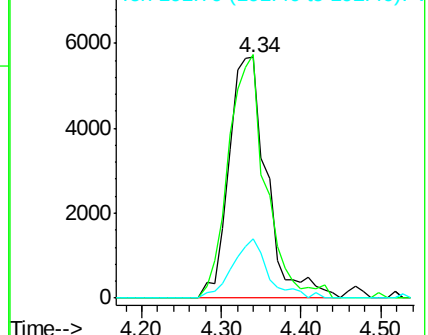
192 23.2 16.0 24.0

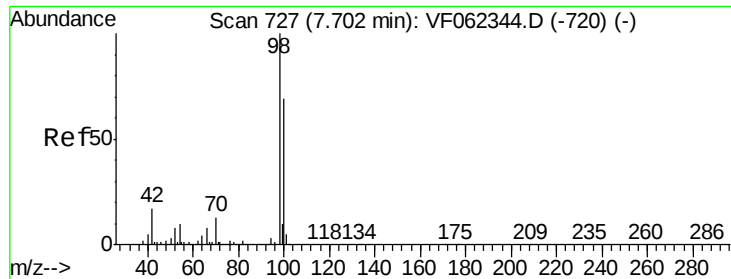


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

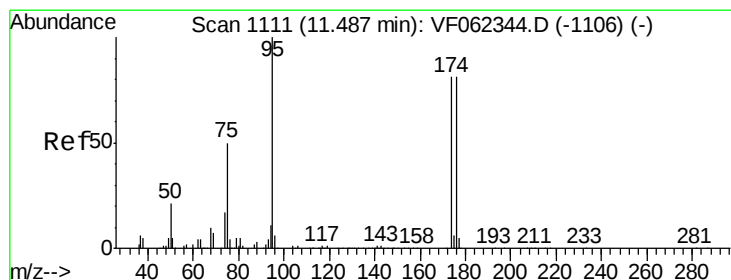
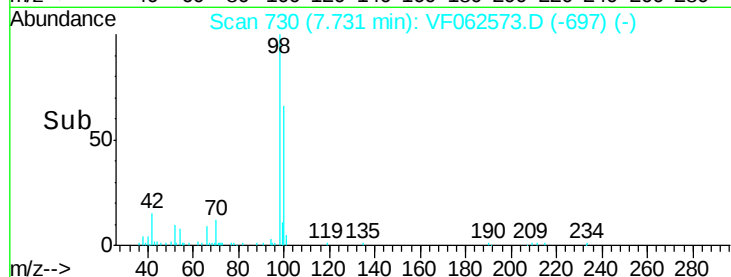
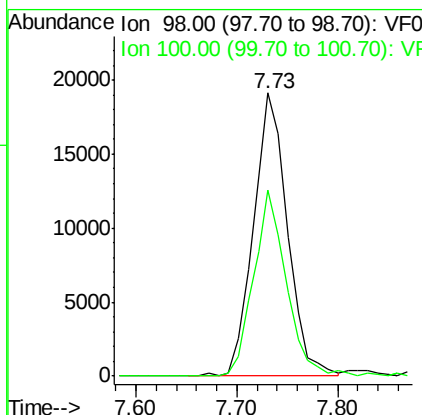
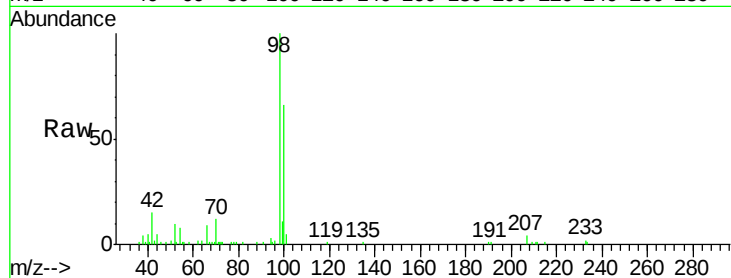




#50
Toluene-d8
Concen: 40.897 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062573.D
Acq: 14 May 2019 7:18

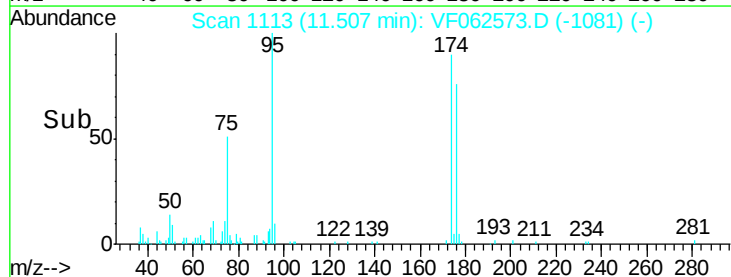
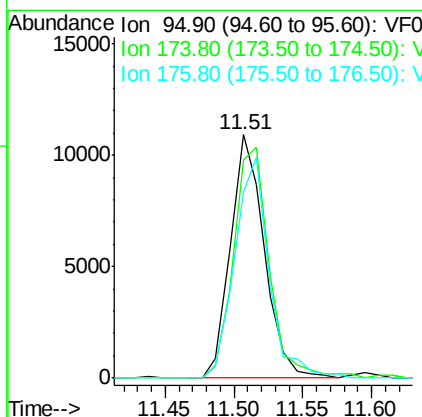
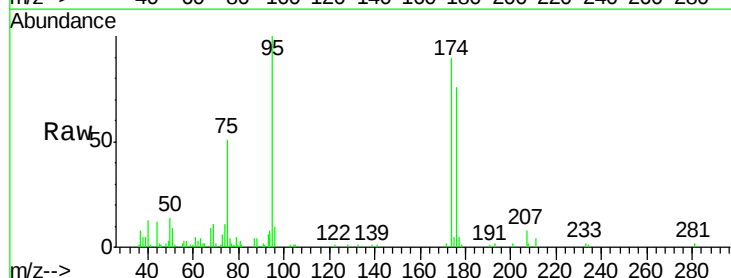
Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-1218-01

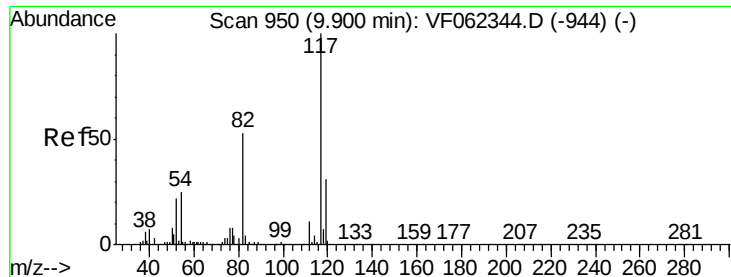
Tot Ion: 98 Resp: 44777
Ion Ratio Lower Upper
98 100
100 63.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 37.796 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062573.D
Acq: 14 May 2019 7:18

Tgt Ion: 95 Resp: 18670
Ion Ratio Lower Upper
95 100
174 100.8 0.0 191.8
176 92.4 0.0 193.2

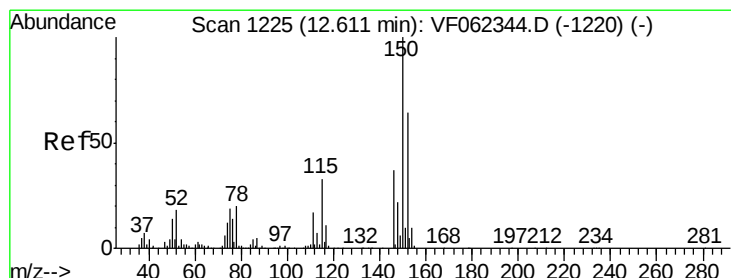
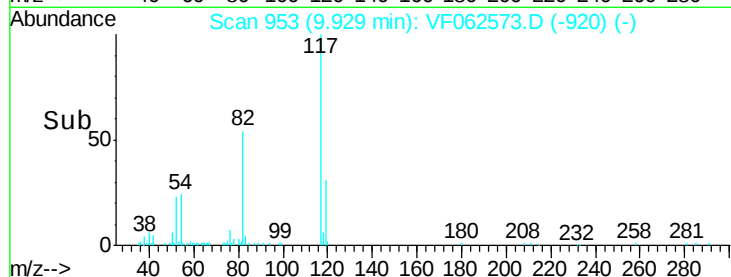
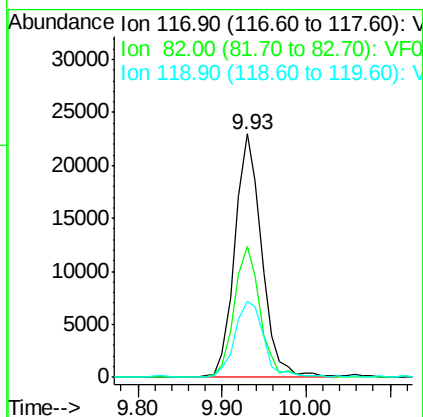
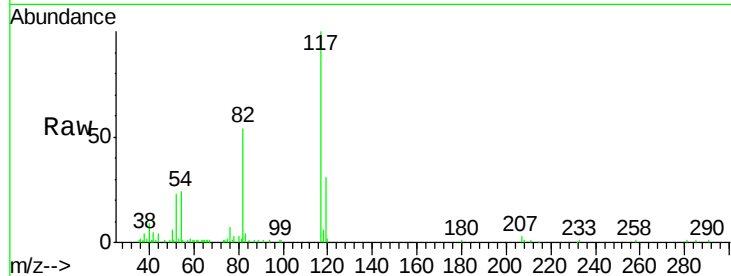




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062573.D
Acq: 14 May 2019 7:18

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-1218-01

Tot Ion:117 Resp: 51181
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 30.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062573.D
Acq: 14 May 2019 7:18

Tgt Ion:152 Resp: 25935
Ion Ratio Lower Upper
152 100
115 54.7 26.4 79.2
150 155.6 0.0 335.0

