

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062556.D
 Acq On : 13 May 2019 21:59
 Operator : FY/SY
 Sample : K2733-13RE
 Misc : 5.21g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS002-1824-01RE

Quant Time: May 14 08:06:52 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	5.08	168	277399	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	349452	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	251283	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	107040	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	106875	40.77	ug/l	0.03
Spiked Amount 50.000			Recovery	=	81.54%	
35) Dibromofluoromethane	4.33	113	121211	43.54	ug/l	0.03
Spiked Amount 50.000			Recovery	=	87.08%	
50) Toluene-d8	7.73	98	226774	33.65	ug/l	0.03
Spiked Amount 50.000			Recovery	=	67.30%	
62) 4-Bromofluorobenzene	11.51	95	75775	24.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	49.84%	

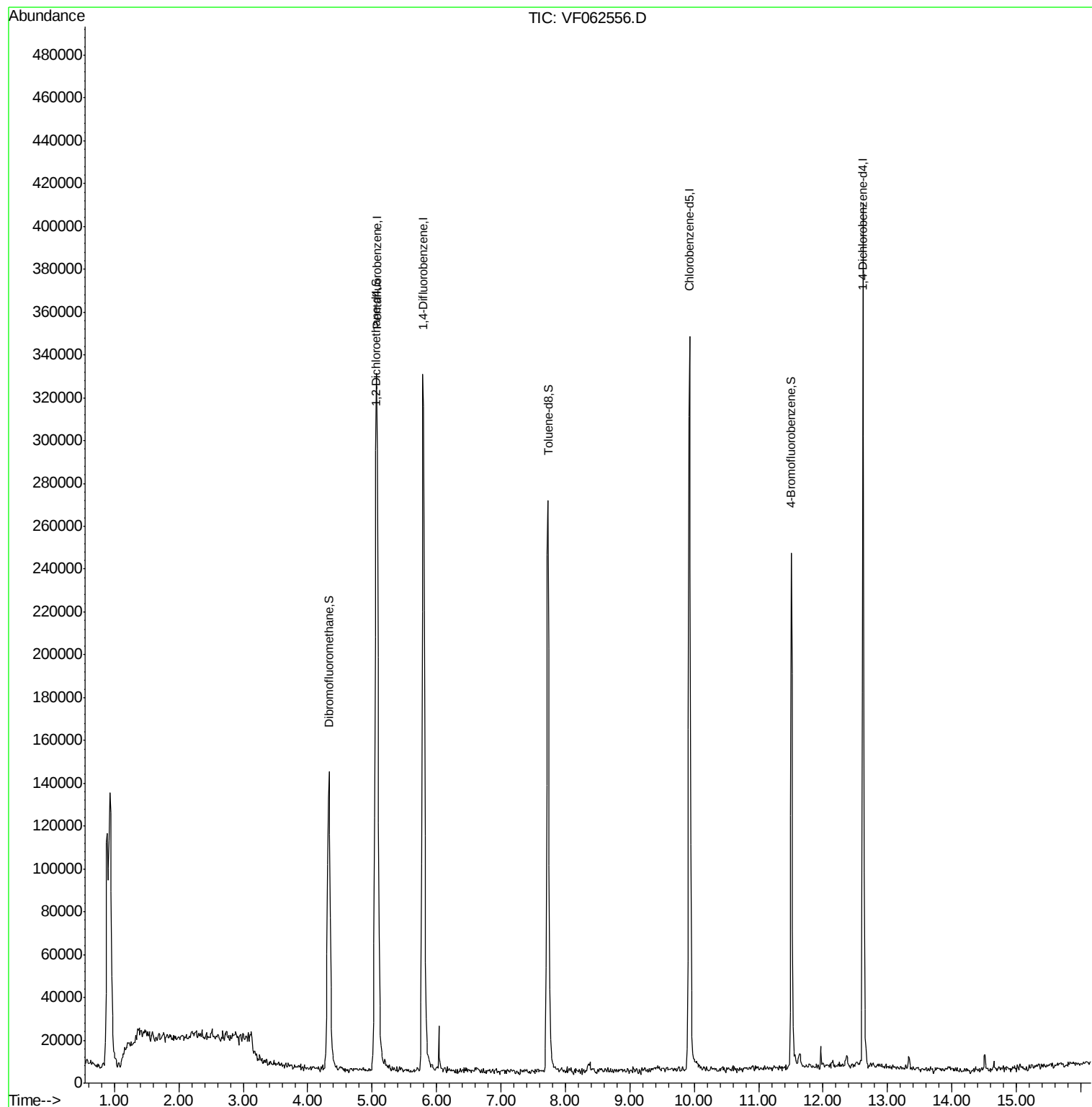
Target Compounds	Qvalue
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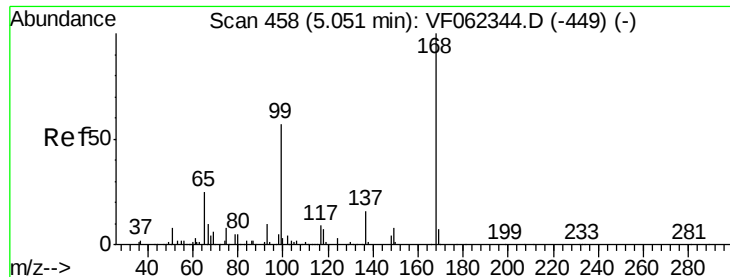
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062556.D

Acq: 13 May 2019 21:59

Instrument :

MSVOA_F

ClientSampleId :

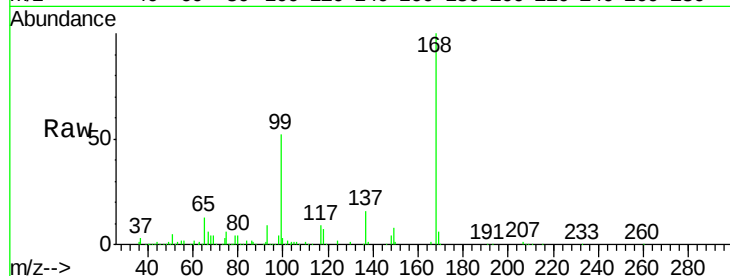
P021-SS002-1824-01RE

Tot Ion:168 Resp: 277399

Ion Ratio Lower Upper

168 100

99 51.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.08

100000

80000

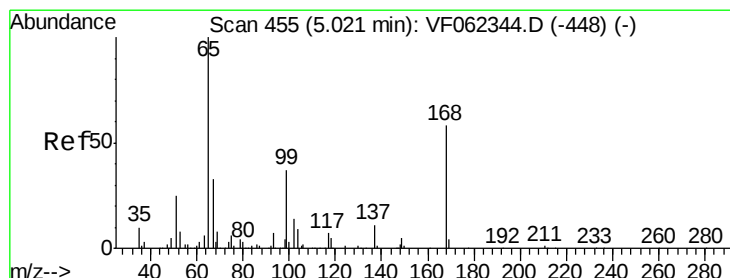
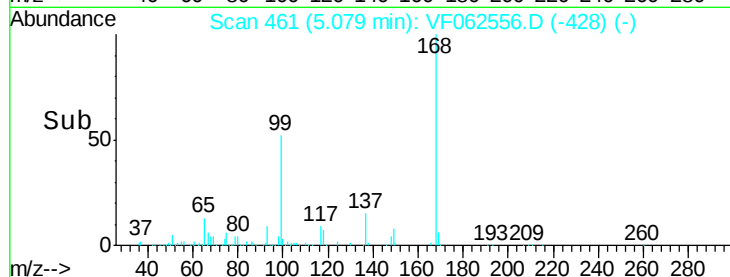
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.768 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062556.D

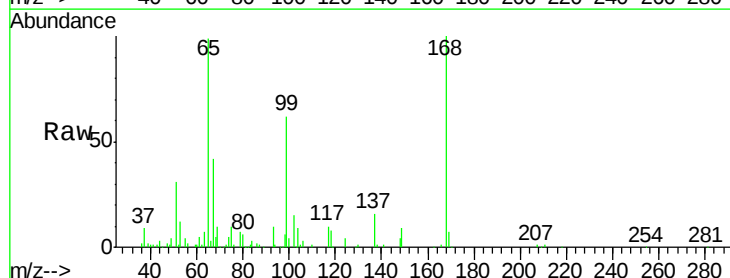
Acq: 13 May 2019 21:59

Tgt Ion: 65 Resp: 106875

Ion Ratio Lower Upper

65 100

67 44.1 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.05

40000

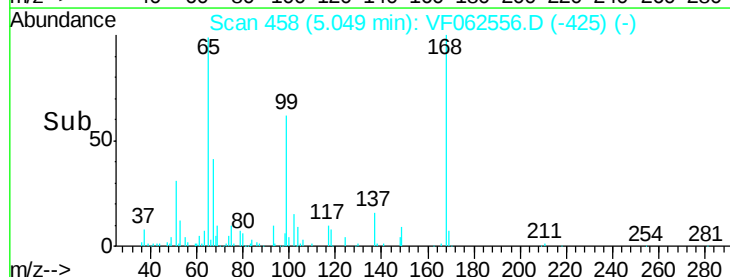
30000

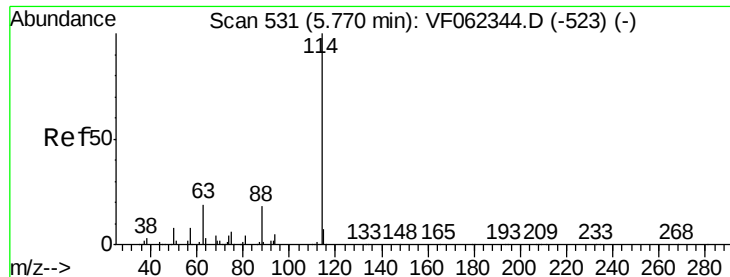
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062556.D

Acq: 13 May 2019 21:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS002-1824-01RE

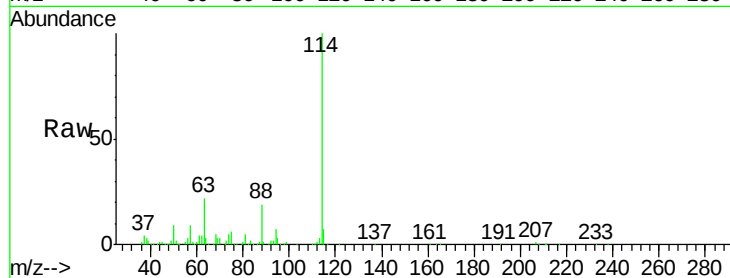
Tot Ion:114 Resp: 349452

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

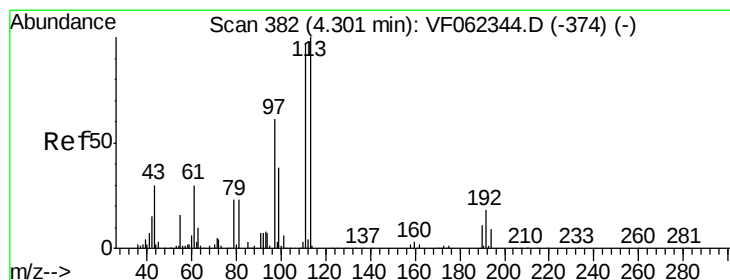
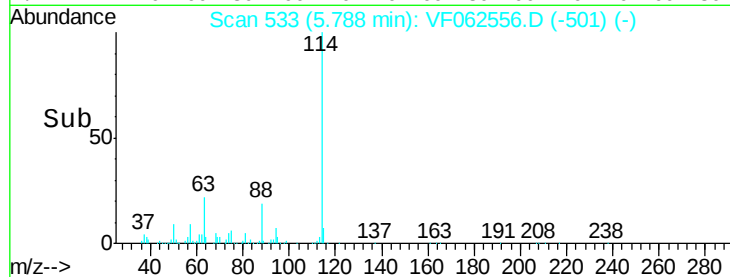
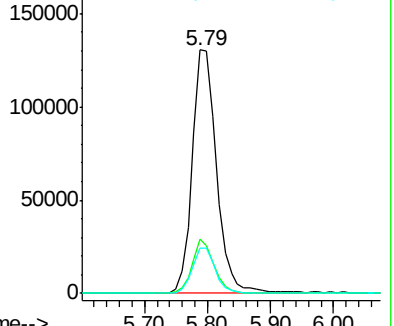
88 18.6 0.0 36.4



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: 43.538 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062556.D

Acq: 13 May 2019 21:59

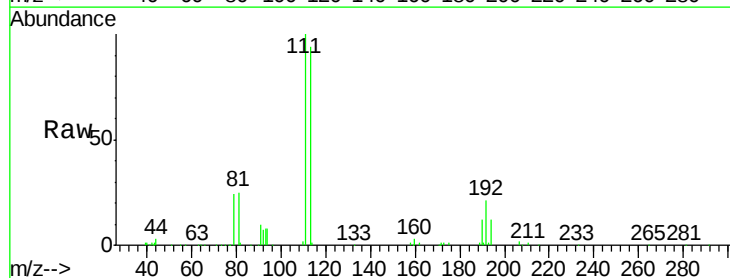
Tgt Ion:113 Resp: 121211

Ion Ratio Lower Upper

113 100

111 103.7 79.4 119.0

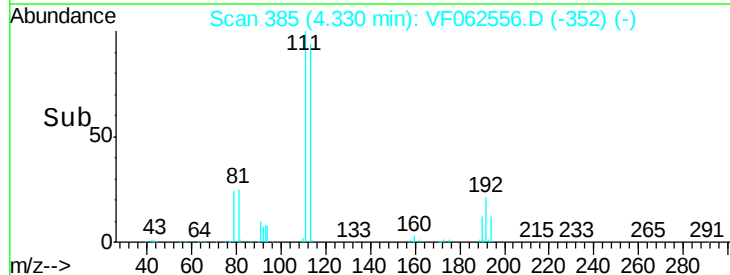
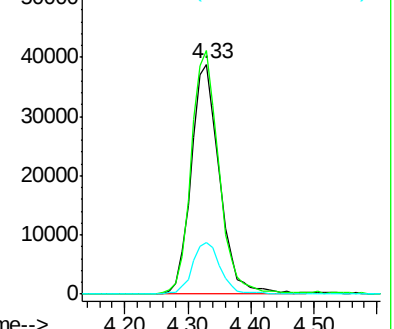
192 21.6 16.0 24.0

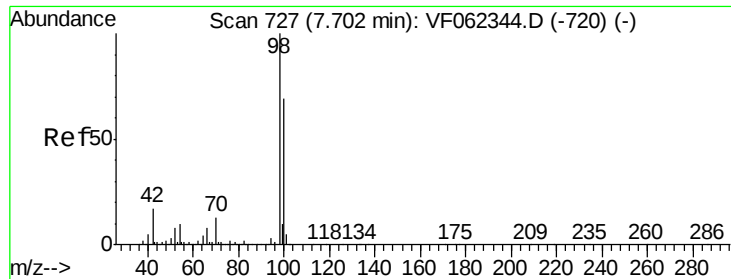


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

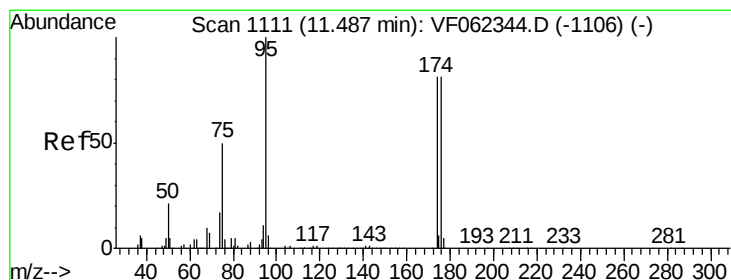
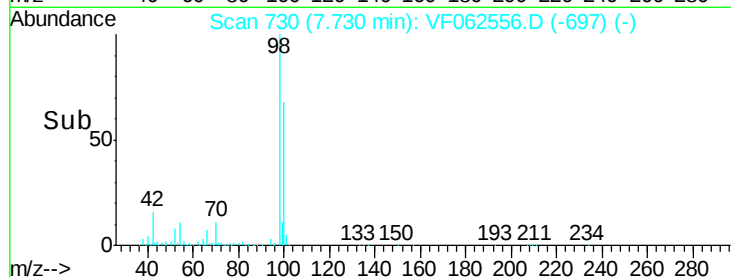
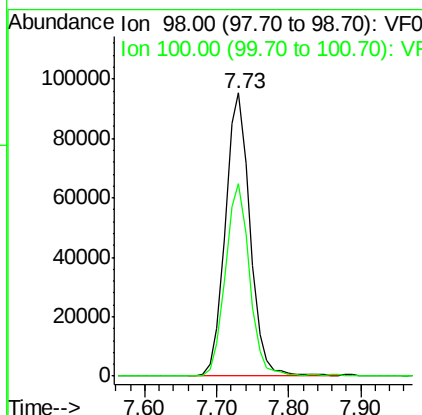
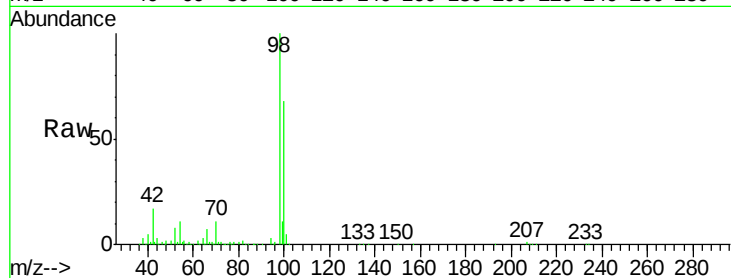




#50
Toluene-d8
Concen: 33.650 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

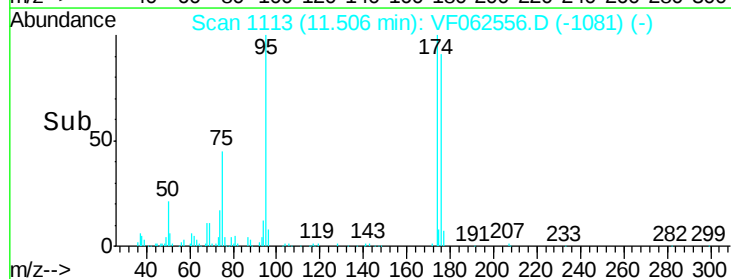
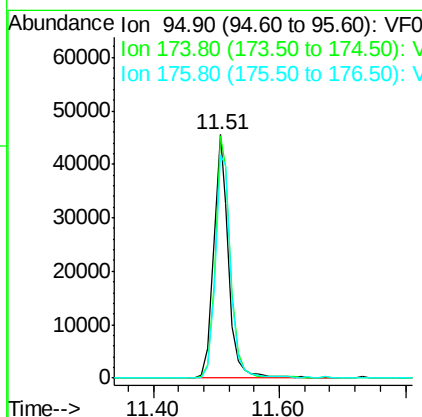
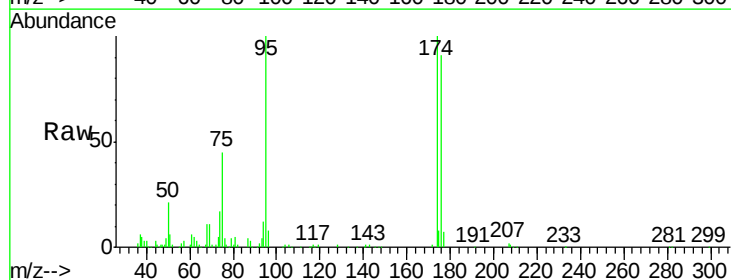
Instrument :
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P021-SS002-1824-01RE

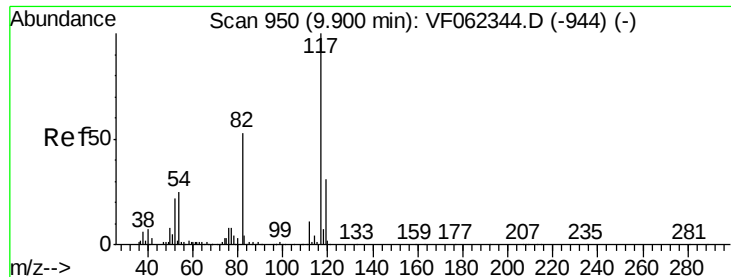
Tot Ion: 98 Resp: 226774
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 24.922 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion: 95 Resp: 75775
Ion Ratio Lower Upper
95 100
174 100.3 0.0 191.8
176 96.4 0.0 193.2

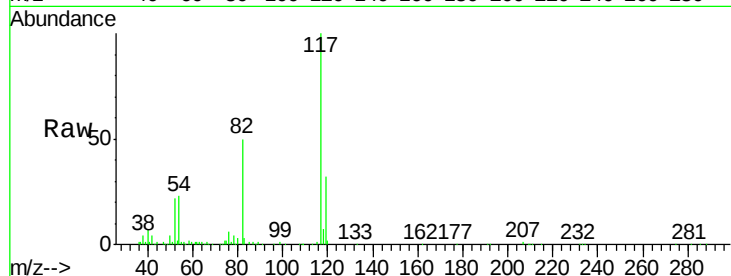




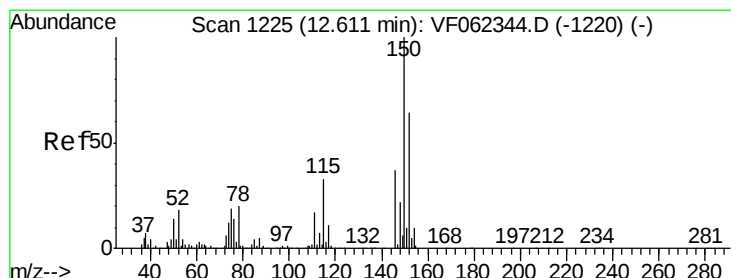
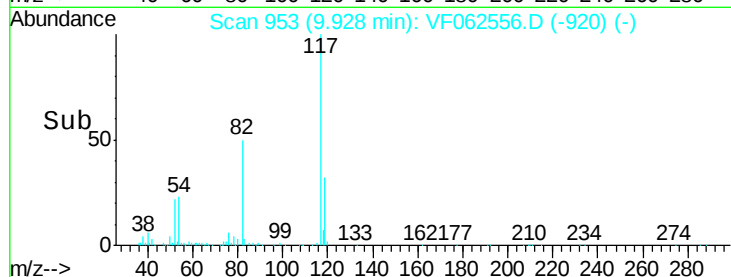
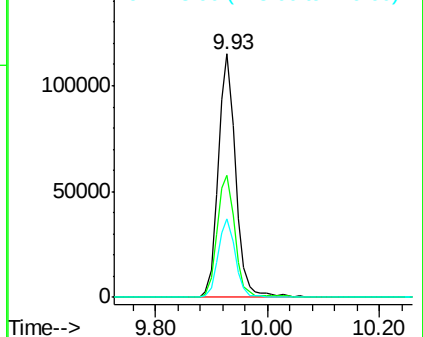
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	42.2	63.2
119	32.2	25.0	37.4

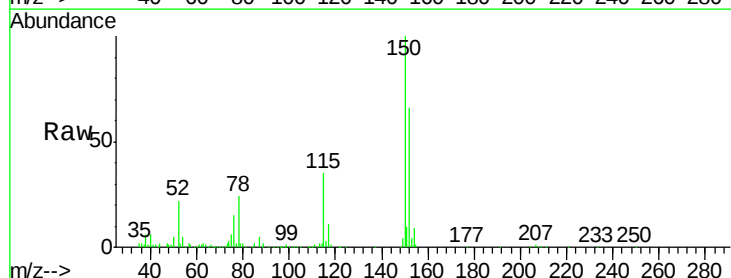


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.7	26.4	79.2
150	153.0	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

