

Data File : VF062475.D
Acq On : 11 May 2019 23:39
Operator : FY/SY
Sample : VF0511SBL02
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0511SBL02

Quant Time: May 12 05:05:24 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	301247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	390110	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	349841	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	235120	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	128371	45.09	ug/l	0.02
Spiked Amount	50.000		Recovery	=	90.18%	
35) Dibromofluoromethane	4.31	113	154855	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	7.72	98	323647	43.02	ug/l	0.02
Spiked Amount	50.000		Recovery	=	86.04%	
62) 4-Bromofluorobenzene	11.50	95	153305	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

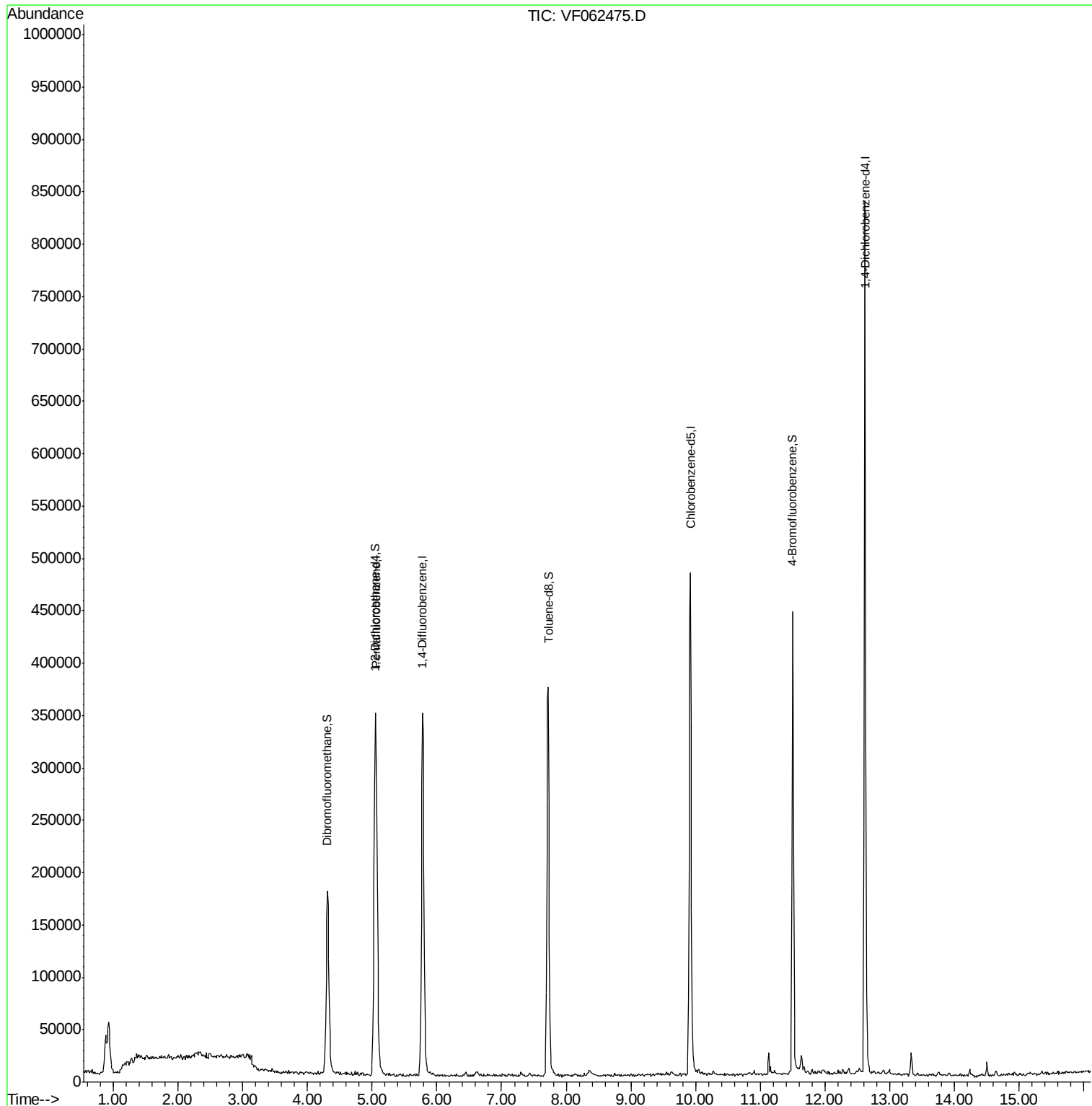
Target Compounds	Qvalue
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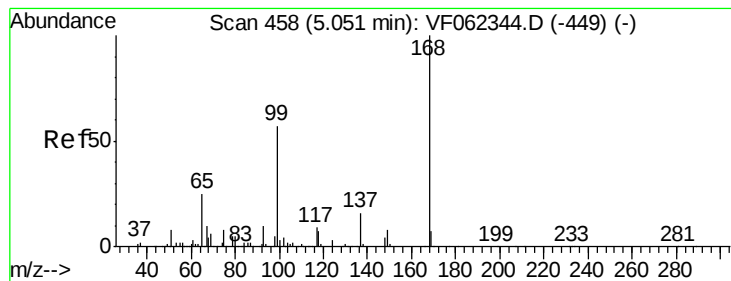
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

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MSVOA_F

ClientSampleId :

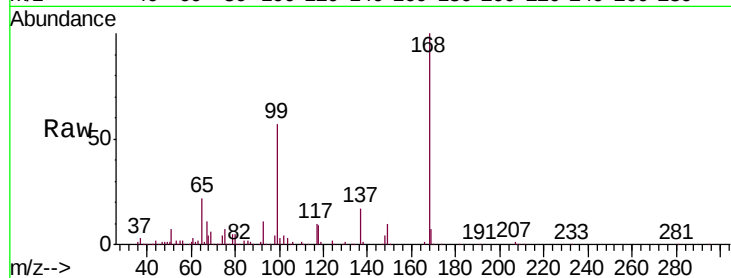
VF0511SBL02

Tgt Ion:168 Resp: 301247

Ion Ratio Lower Upper

168 100

99 56.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

100000

80000

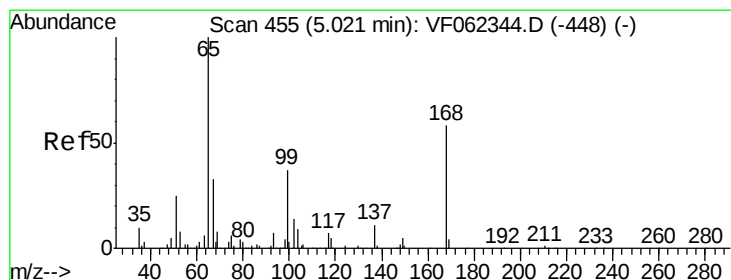
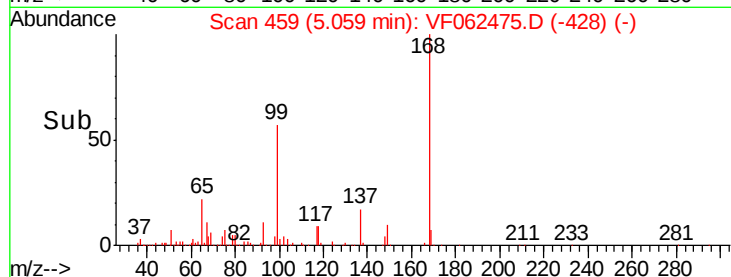
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 45.091 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062475.D

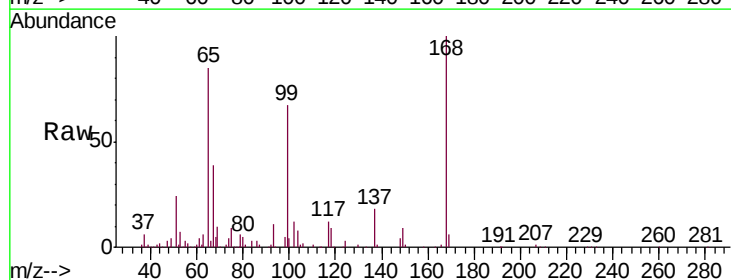
Acq: 11 May 2019 23:39

Tgt Ion: 65 Resp: 128371

Ion Ratio Lower Upper

65 100

67 46.1 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

50000

40000

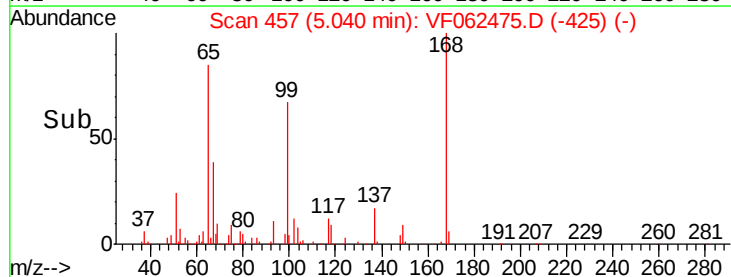
30000

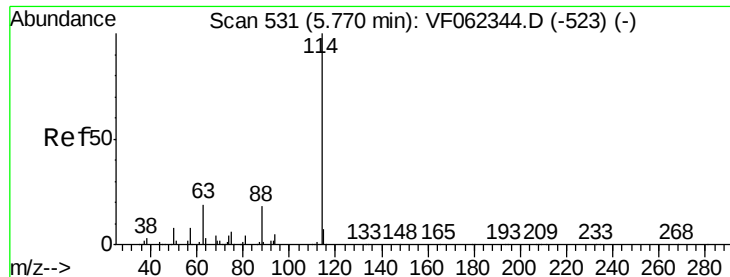
20000

10000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

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Instrument :

MSVOA_F

ClientSampleId :

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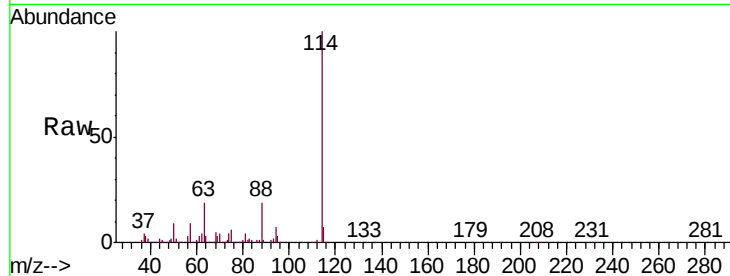
Tgt Ion:114 Resp: 390110

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

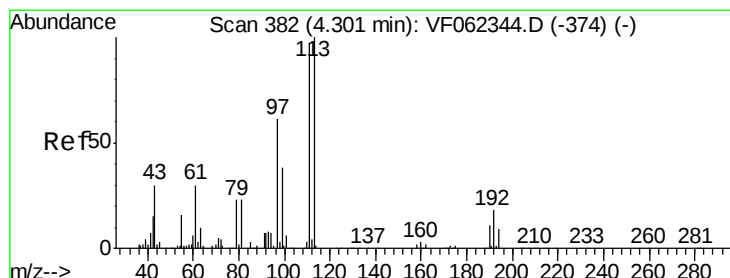
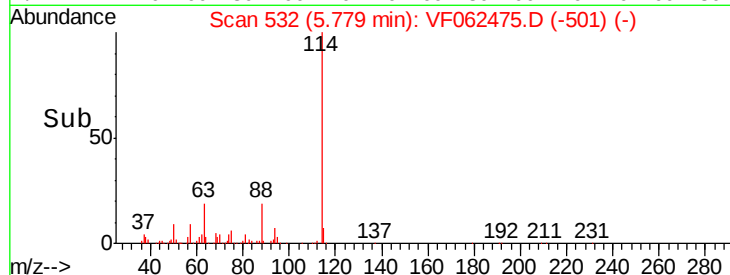
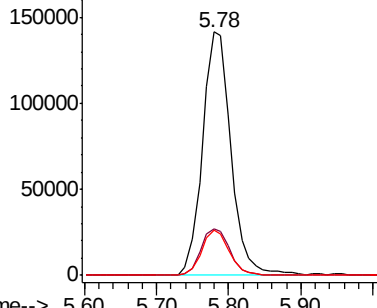
88 18.5 0.0 36.4



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: 49.826 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF062475.D

Acq: 11 May 2019 23:39

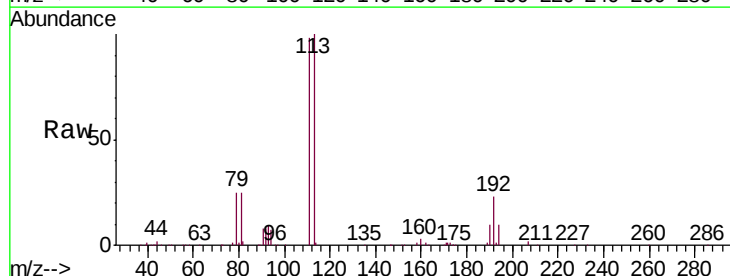
Tgt Ion:113 Resp: 154855

Ion Ratio Lower Upper

113 100

111 100.9 79.4 119.0

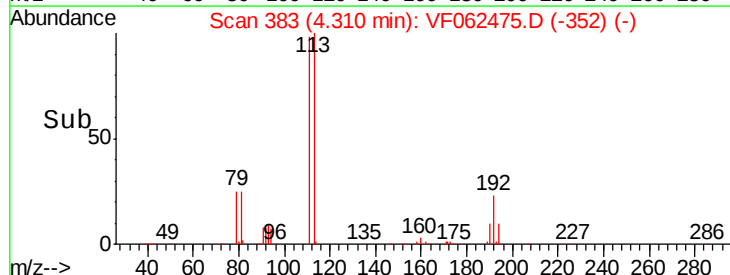
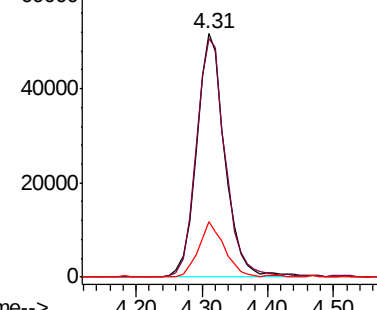
192 20.9 16.0 24.0

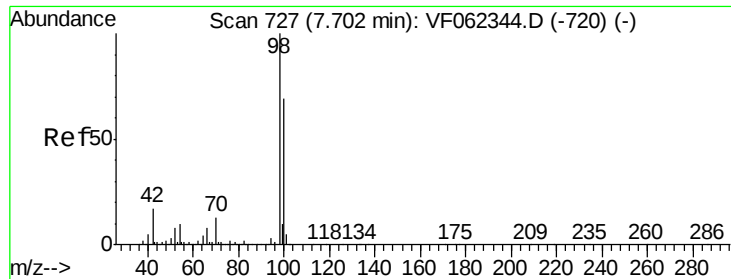


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

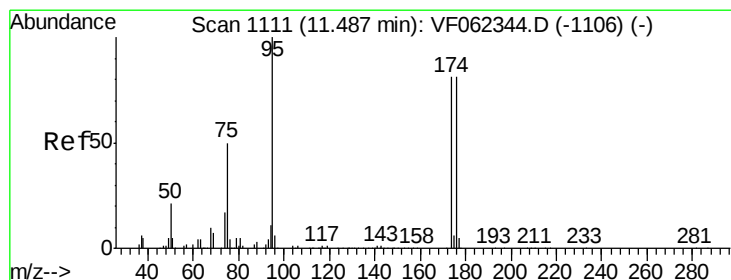
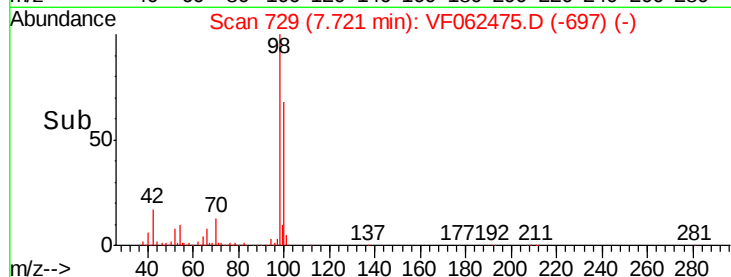
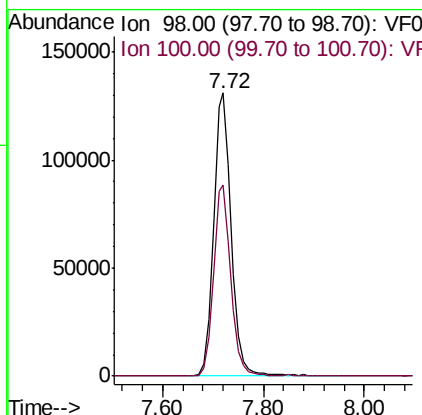
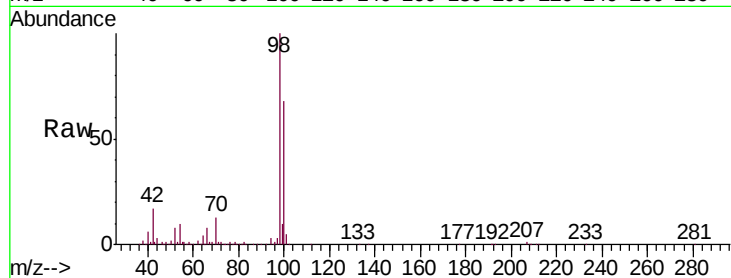




#50
Toluene-d8
Concen: 43.020 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062475.D
Acq: 11 May 2019 23:39

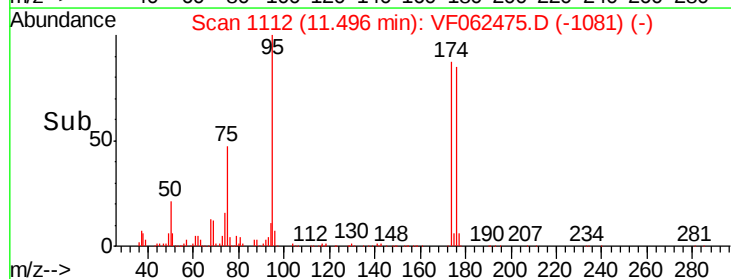
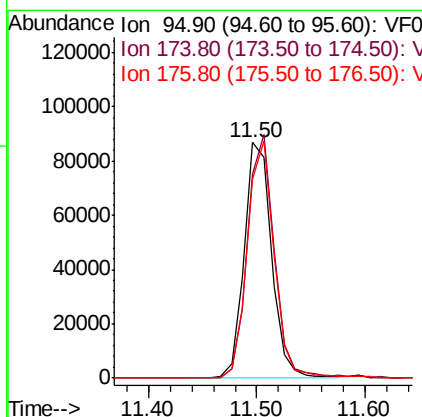
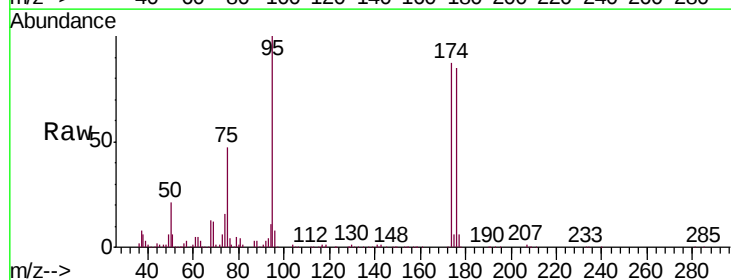
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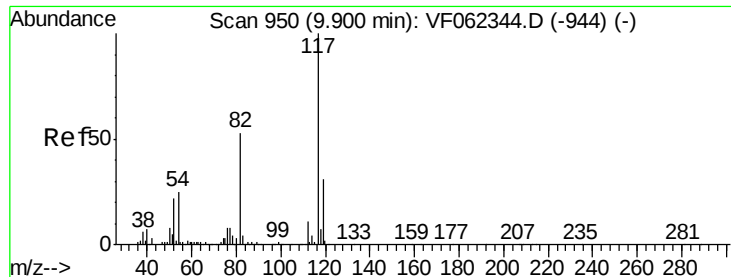
Tgt Ion: 98 Resp: 323647
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.167 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062475.D
Acq: 11 May 2019 23:39

Tgt Ion: 95 Resp: 153305
Ion Ratio Lower Upper
95 100
174 102.0 0.0 191.8
176 99.2 0.0 193.2

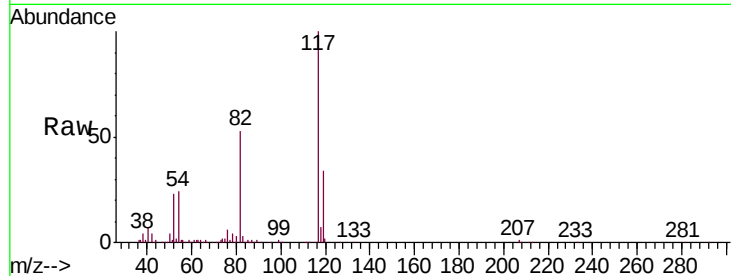




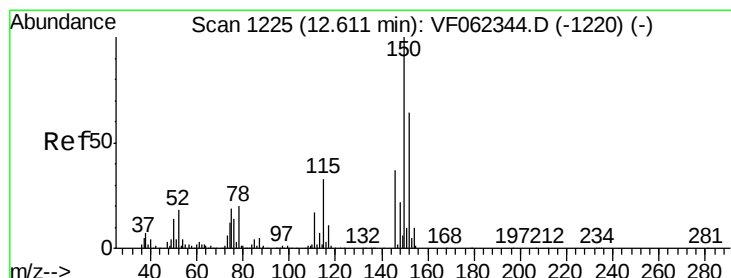
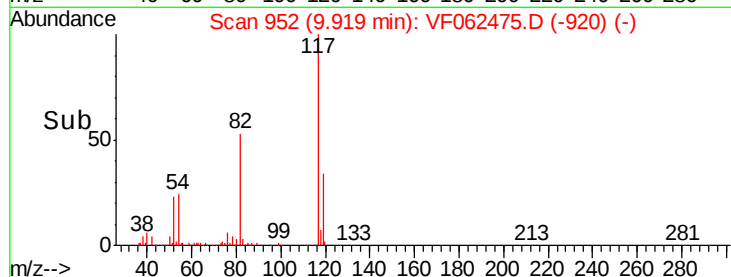
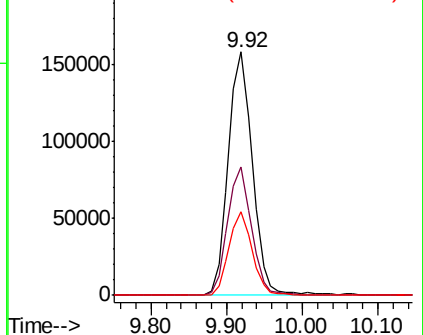
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062475.D
Acq: 11 May 2019 23:39

Instrument :
MSVOA_F
ClientSampleId :
VF0511SBL02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.2	63.2
119	34.5	25.0	37.4

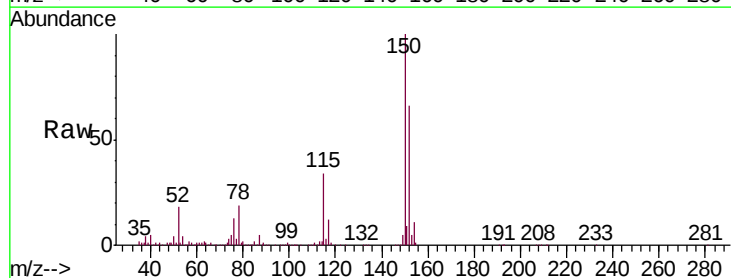


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062475.D
Acq: 11 May 2019 23:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.4	79.2
150	153.3	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

