

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF051019\
 Data File : VF062450.D
 Acq On : 11 May 2019 6:24
 Operator : FY/SY
 Sample : K2729-02
 Misc : 7.00u/5mL/MSVOA F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-3

Quant Time: May 14 01:23:44 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

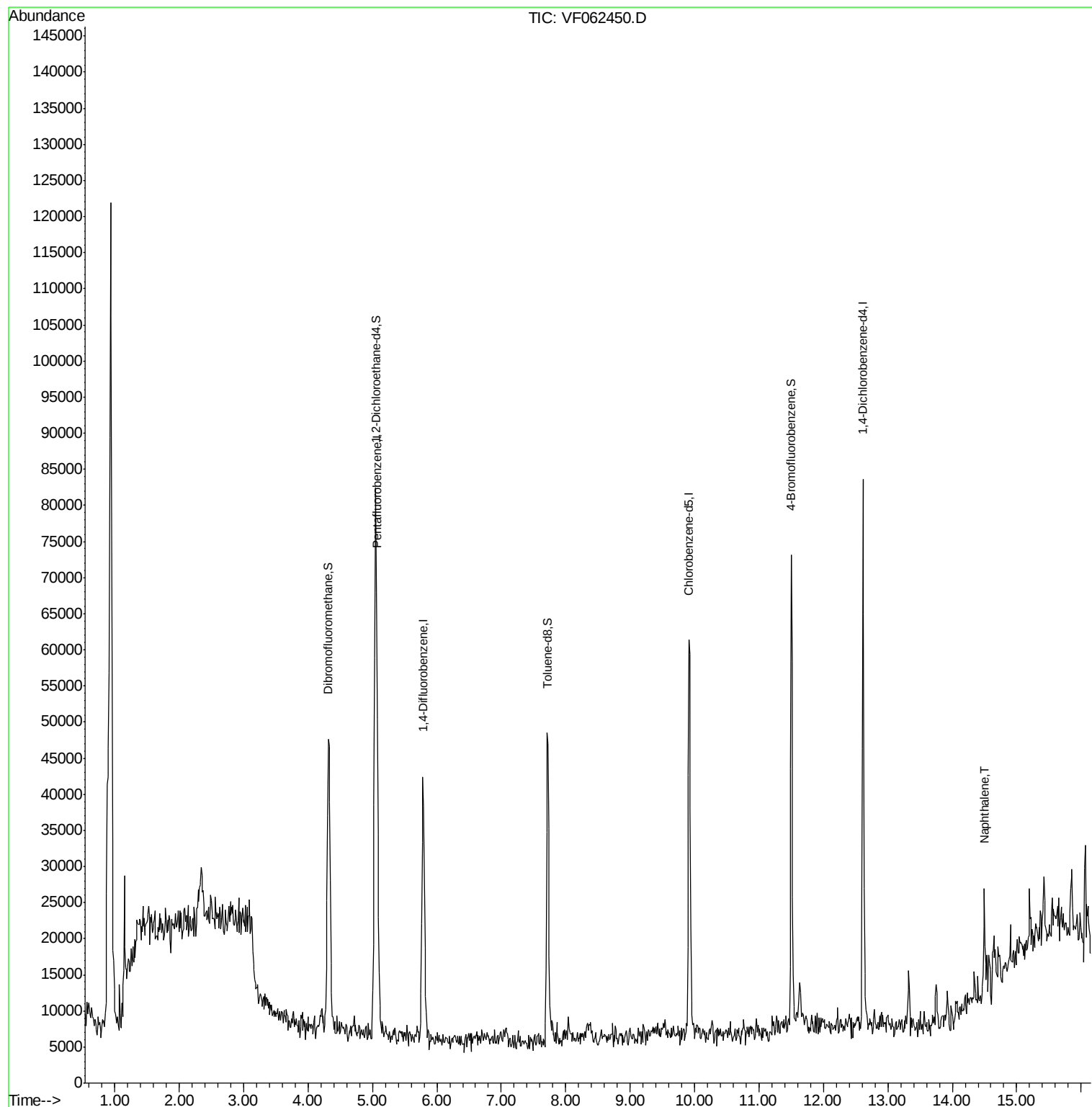
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	28615	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	39111	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	39781	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	21769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	67238	248.64	ug/l	0.02
Spiked Amount 50.000			Recovery	=	497.28%	
35) Dibromofluoromethane	4.32	113	36397	116.81	ug/l	0.01
Spiked Amount 50.000			Recovery	=	233.62%	
50) Toluene-d8	7.73	98	36313	48.14	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.50	95	21233	62.40	ug/l	0.01
Spiked Amount 50.000			Recovery	=	124.80%	
Target Compounds						
95) Naphthalene	14.50	128	8654	10.718	ug/l #	Qvalue 96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

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ClientSampleId :

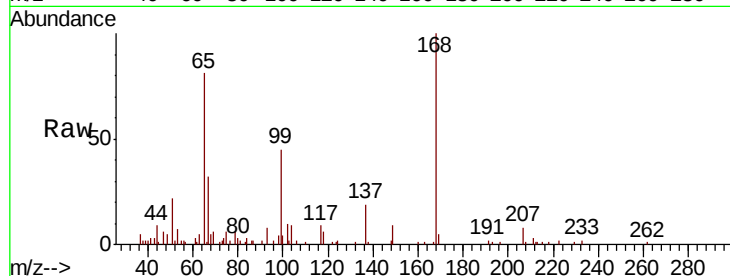
B-3

Tot Ion:168 Resp: 28615

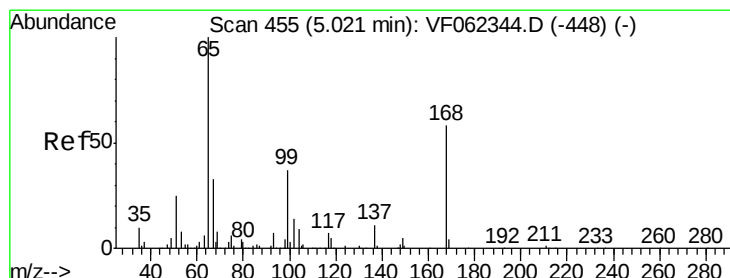
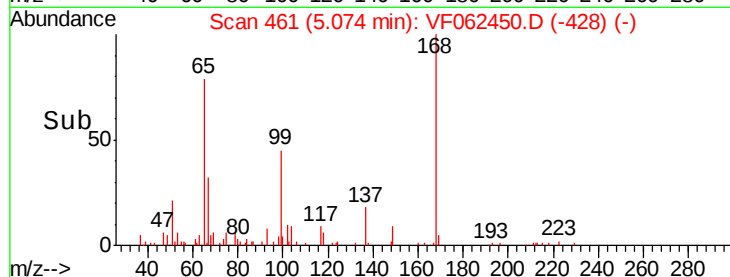
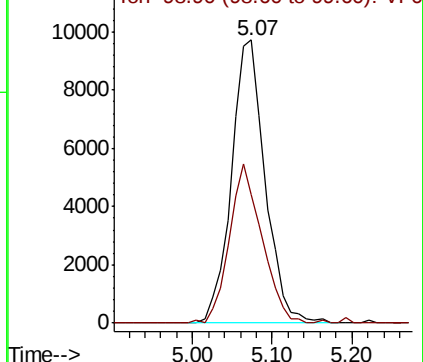
Ion Ratio Lower Upper

168 100

99 45.3 45.9 68.9#



Abundance Ion 167.90 (167.60 to 168.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 248.639 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062450.D

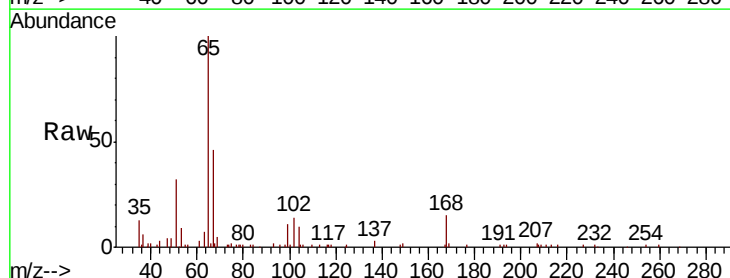
Acq: 11 May 2019 6:24

Tgt Ion: 65 Resp: 67238

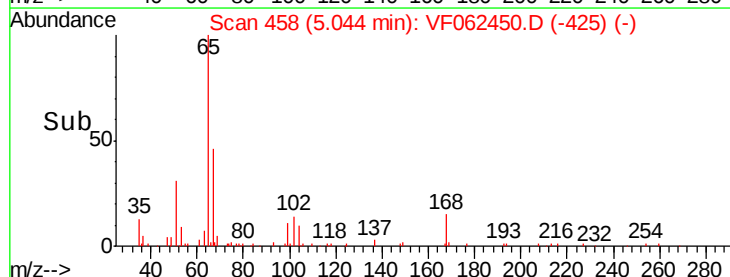
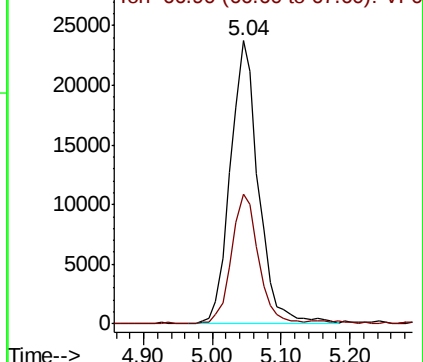
Ion Ratio Lower Upper

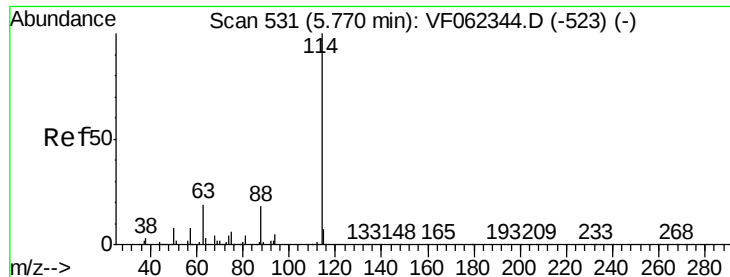
65 100

67 43.9 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF062450.D

Acq: 11 May 2019 6:24

Instrument :

MSVOA_F

ClientSampleId :

B-3

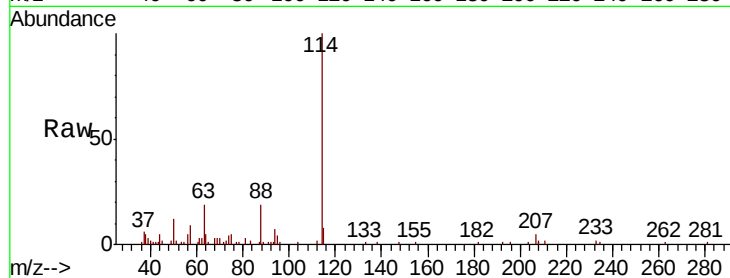
Tot Ion:114 Resp: 39111

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

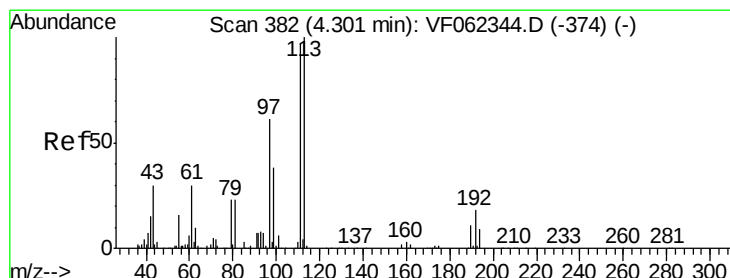
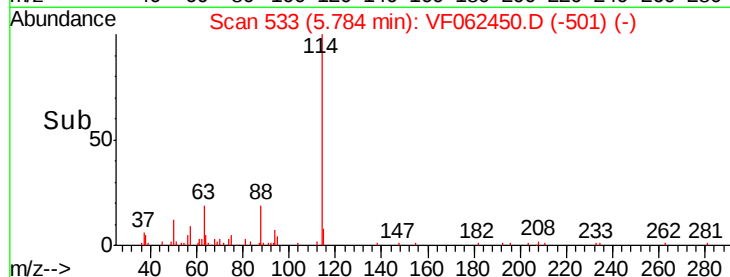
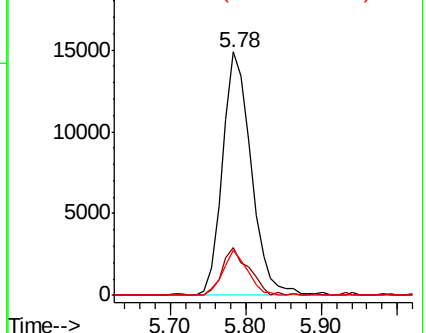
88 18.8 0.0 36.4



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: 116.810 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062450.D

Acq: 11 May 2019 6:24

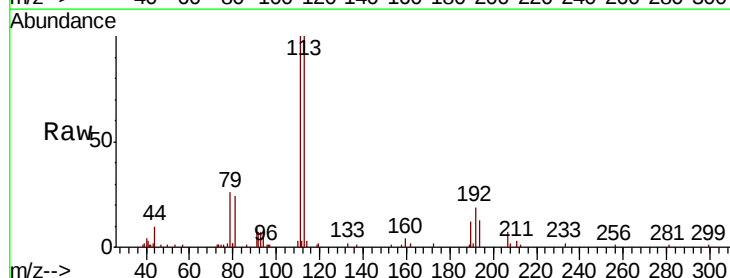
Tgt Ion:113 Resp: 36397

Ion Ratio Lower Upper

113 100

111 99.4 79.4 119.0

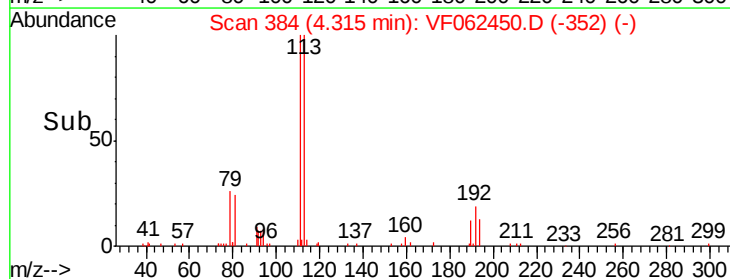
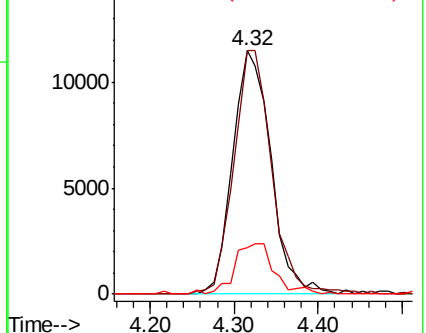
192 21.6 16.0 24.0

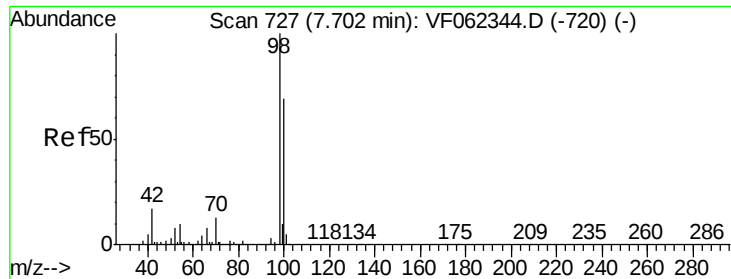


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

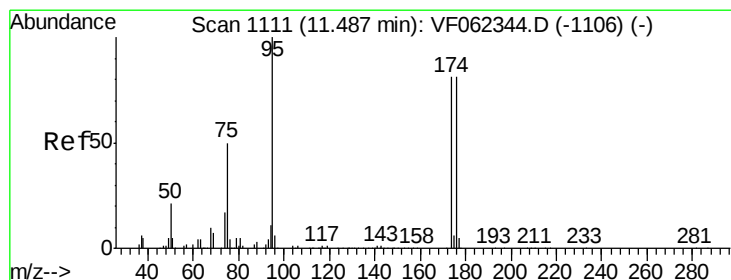
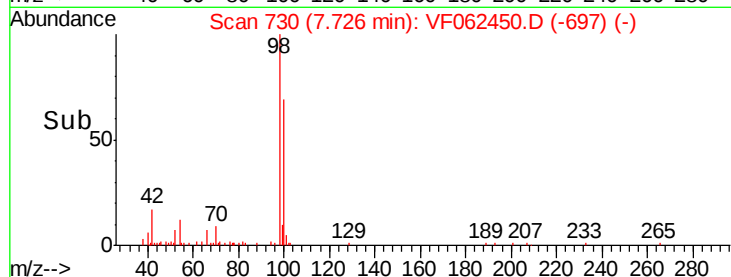
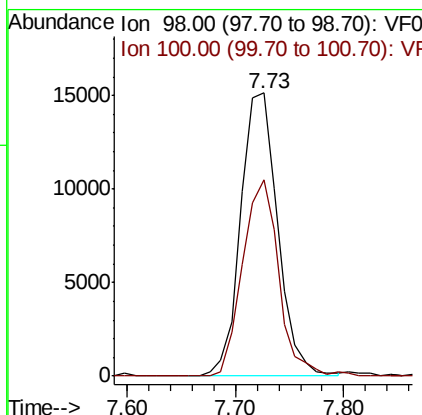
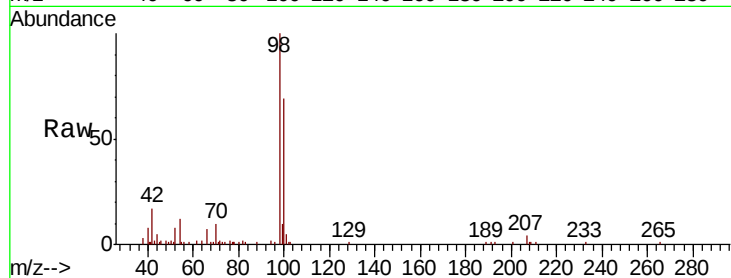




#50
Toluene-d8
Concen: 48.144 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062450.D
Acq: 11 May 2019 6:24

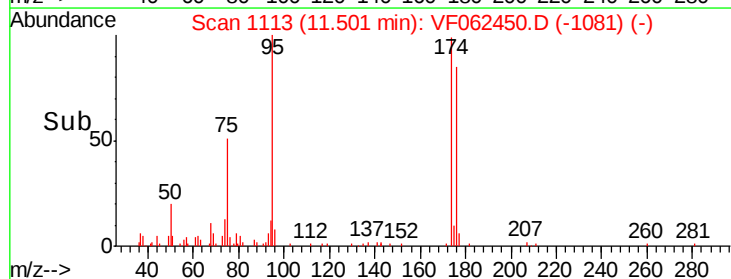
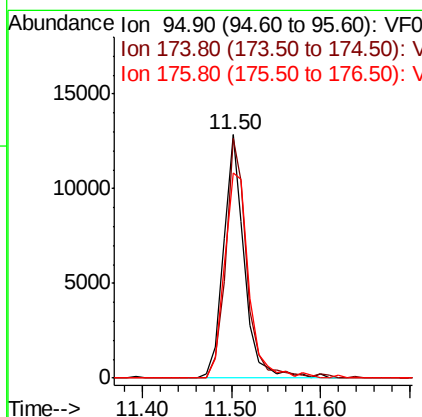
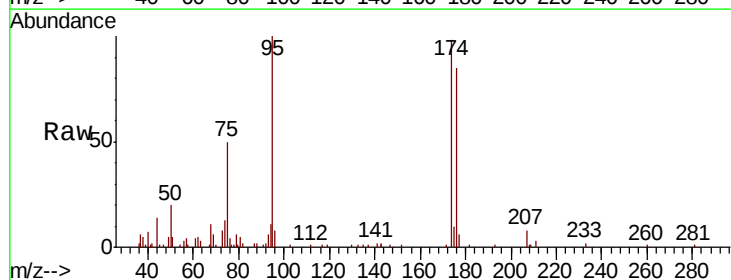
Instrument :
MSVOA_F
ClientSampleId :
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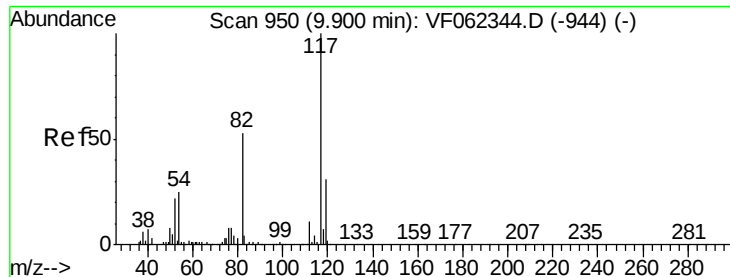
Tot Ion: 98 Resp: 36313
Ion Ratio Lower Upper
98 100
100 67.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 62.397 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062450.D
Acq: 11 May 2019 6:24

Tgt Ion: 95 Resp: 21233
Ion Ratio Lower Upper
95 100
174 99.0 0.0 191.8
176 99.5 0.0 193.2

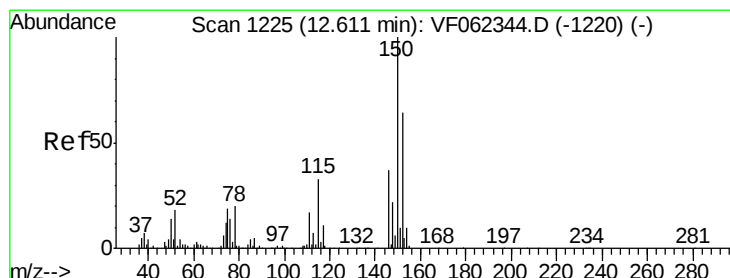
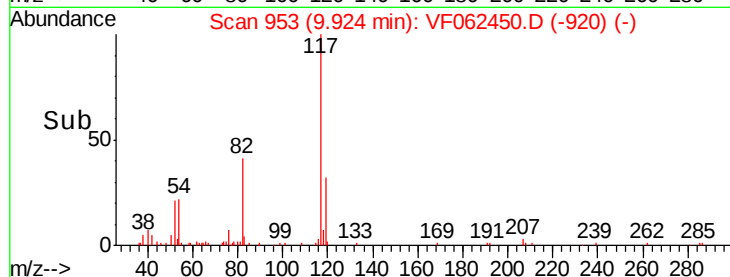
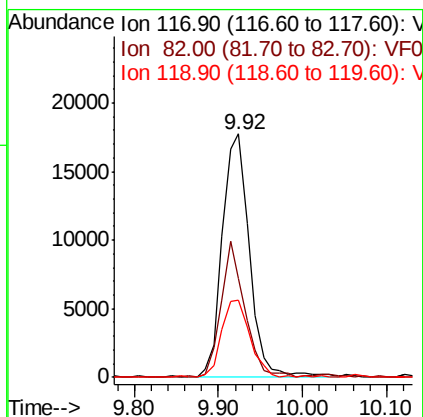
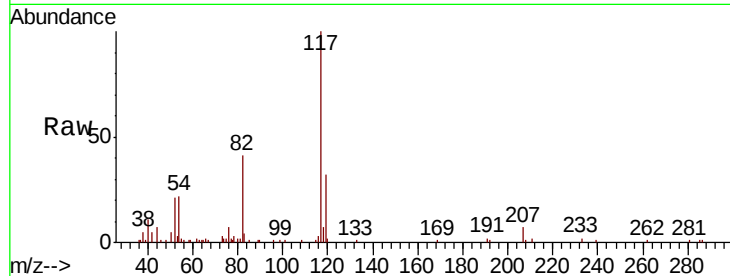




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062450.D
Acq: 11 May 2019 6:24

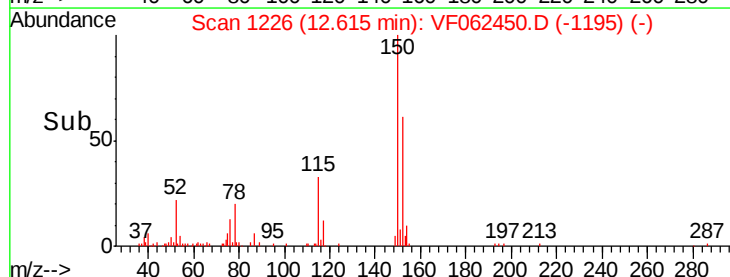
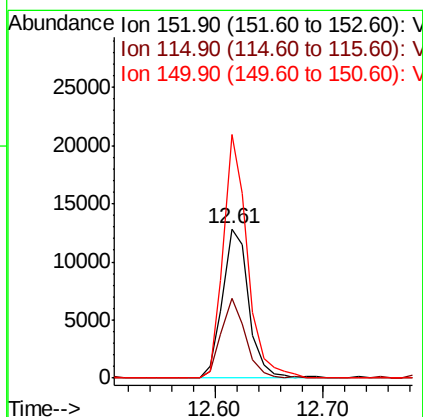
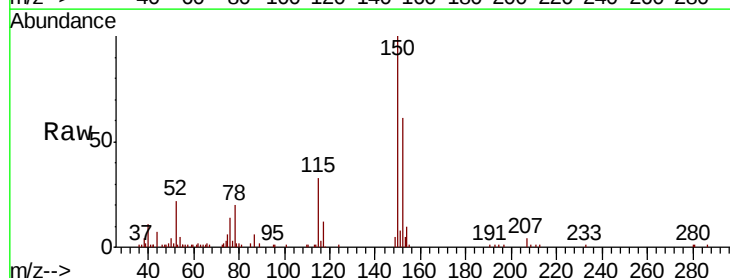
Instrument :
MSVOA_F
ClientSampleId :
B-3

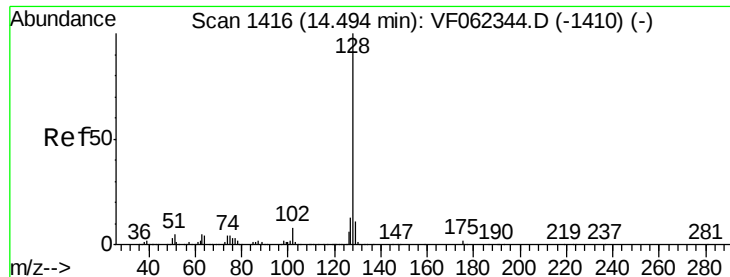
Tot Ion:117 Resp: 39781
Ion Ratio Lower Upper
117 100
82 39.9 42.2 63.2#
119 31.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062450.D
Acq: 11 May 2019 6:24

Tgt Ion:152 Resp: 21769
Ion Ratio Lower Upper
152 100
115 49.3 26.4 79.2
150 149.7 0.0 335.0





#95

Naphthalene

Concen: 10.718 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VF062450.D

Acq: 11 May 2019 6:24

Instrument :

MSVOA_F

ClientSampleId :

B-3

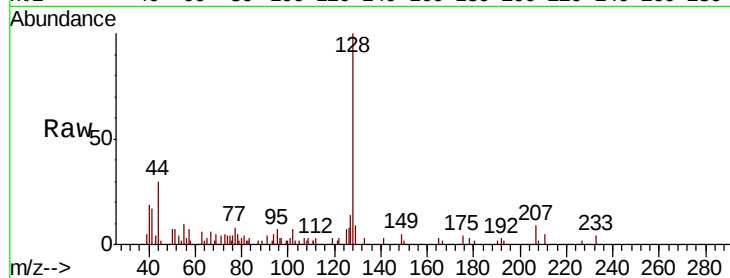
Tot Ion:128 Resp: 8654

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 7.4 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

