

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011419\
 Data File : VF061393.D
 Acq On : 14 Jan 2019 17:04
 Operator : VA/AP
 Sample : K1139-01
 Misc : 2.72g/5mL/MSVOA-F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-1

Quant Time: Jan 14 22:01:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	145128	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	252241	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	136124	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	21863	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	84066	52.04	ug/l	-0.02
Spiked Amount			Recovery	=	104.08%	
35) Dibromofluoromethane	4.09	113	103125	53.43	ug/l	-0.02
Spiked Amount			Recovery	=	106.86%	
50) Toluene-d8	7.54	98	196866	34.47	ug/l	-0.03
Spiked Amount			Recovery	=	68.94%	
62) 4-Bromofluorobenzene	11.40	95	40217	16.13	ug/l	-0.01
Spiked Amount			Recovery	=	32.26%	

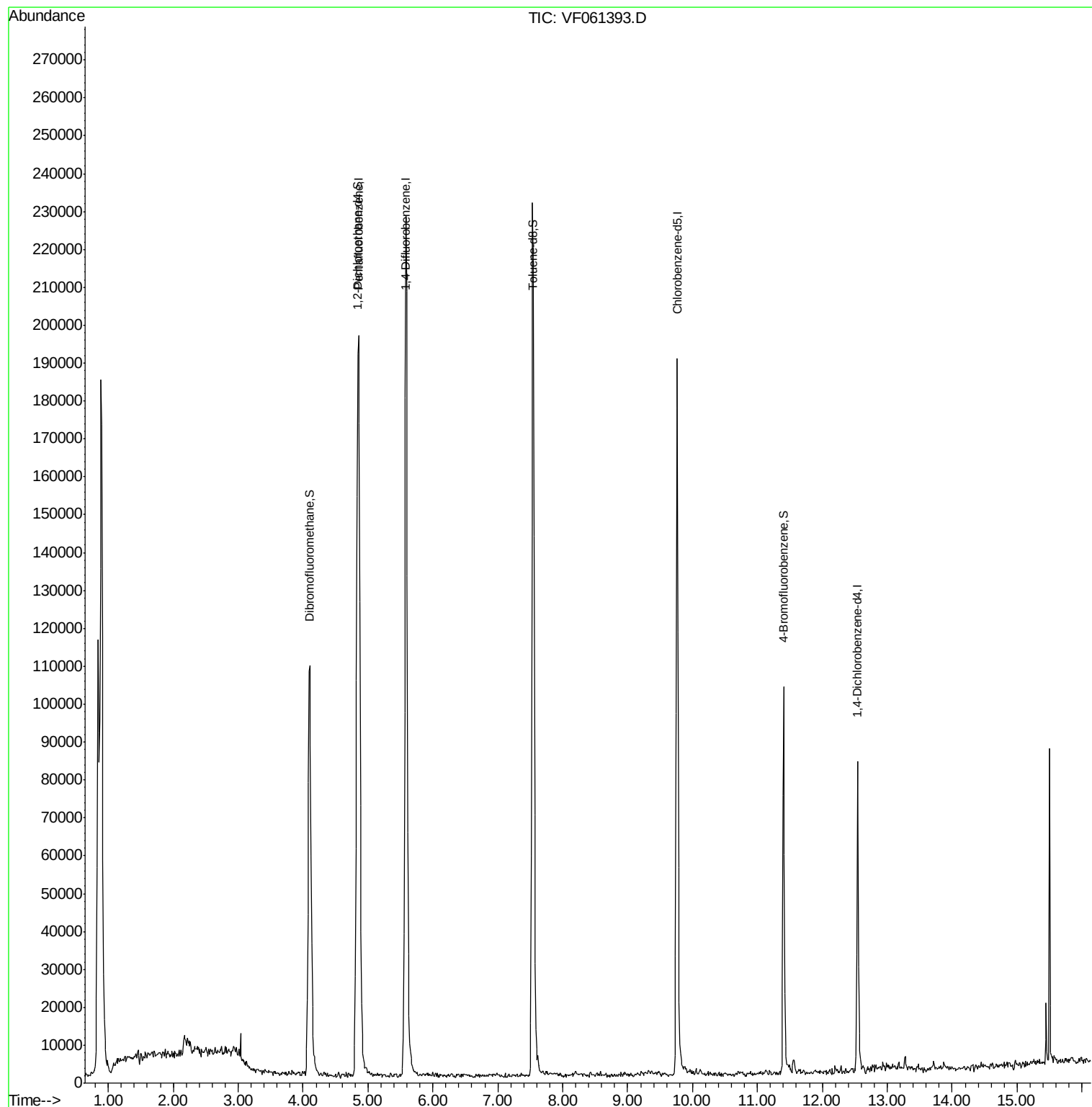
Target Compounds	Qvalue
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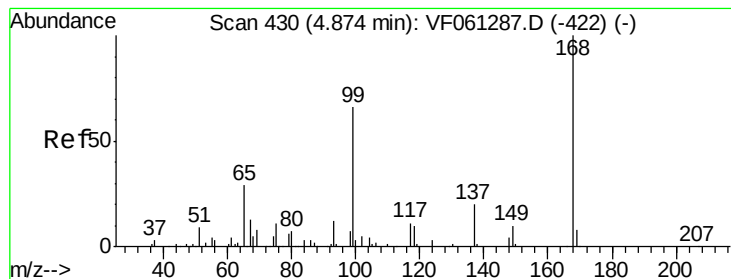
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061393.D

Acq: 14 Jan 2019 17:04

Instrument :

MSVOA_F

ClientSampleId :

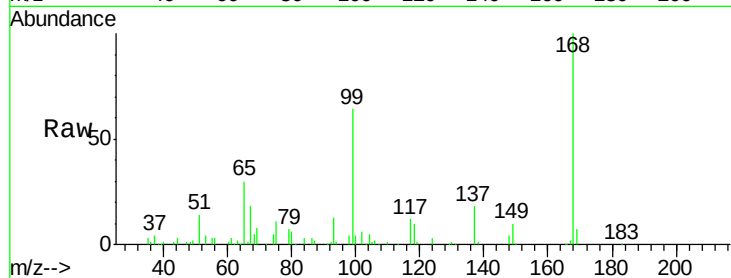
S-1

Tot Ion:168 Resp: 145128

Ion Ratio Lower Upper

168 100

99 63.9 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

50000

40000

30000

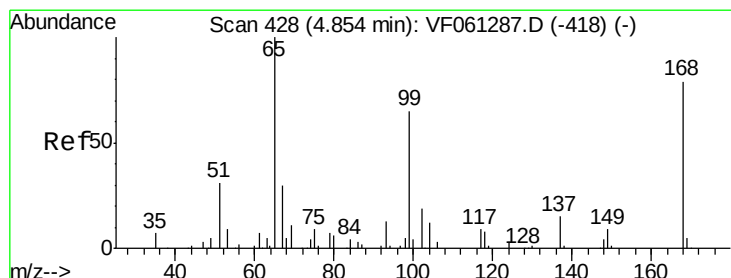
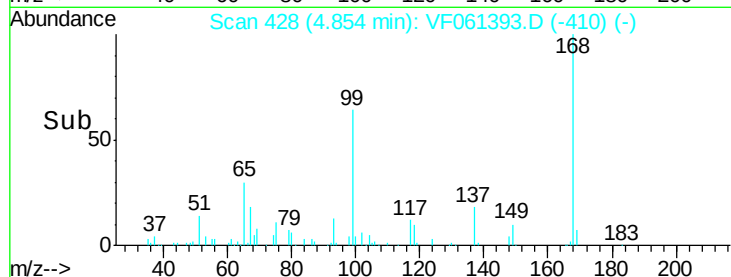
20000

10000

0

4.70 4.80 4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.042 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061393.D

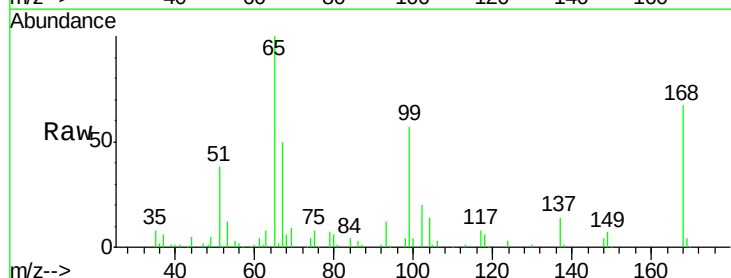
Acq: 14 Jan 2019 17:04

Tgt Ion: 65 Resp: 84066

Ion Ratio Lower Upper

65 100

67 49.6 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

30000

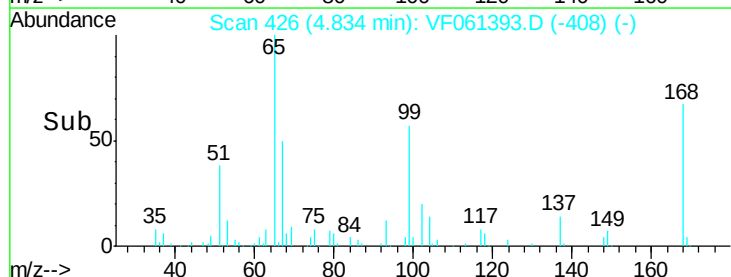
20000

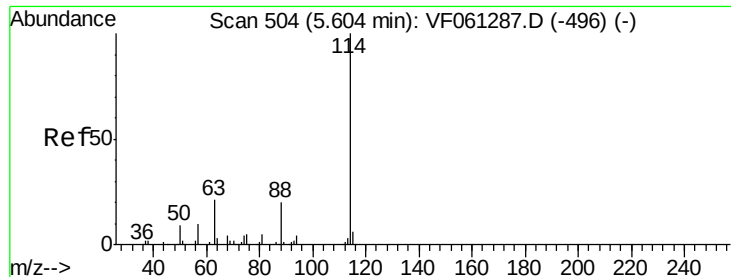
10000

0

4.70 4.80 4.90

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061393.D

Acq: 14 Jan 2019 17:04

Instrument :

MSVOA_F

ClientSampleId :

S-1

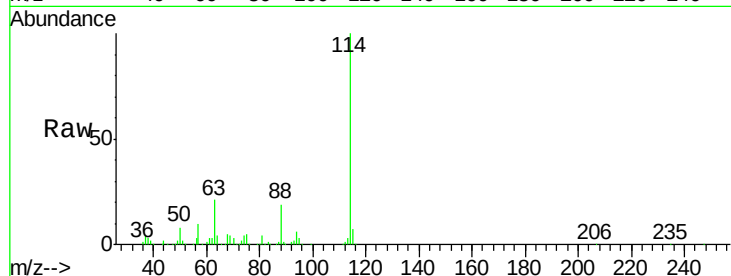
Tot Ion:114 Resp: 252241

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

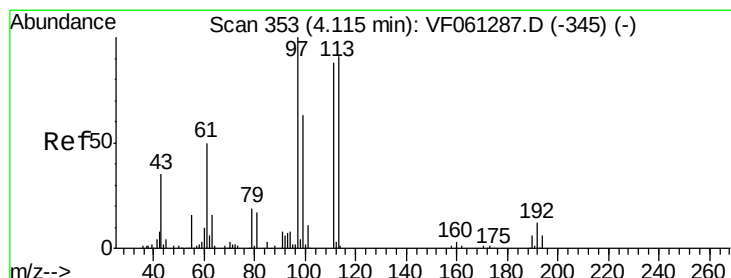
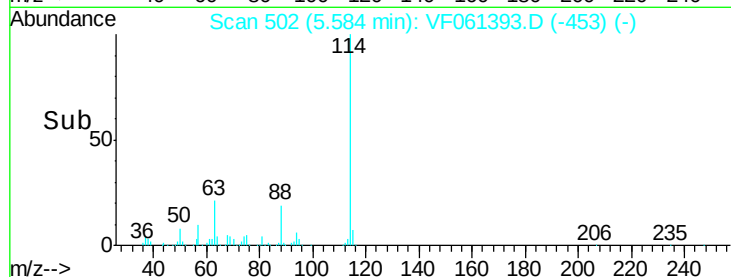
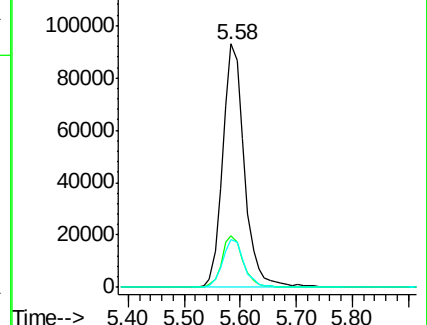
88 19.5 0.0 40.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 53.431 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061393.D

Acq: 14 Jan 2019 17:04

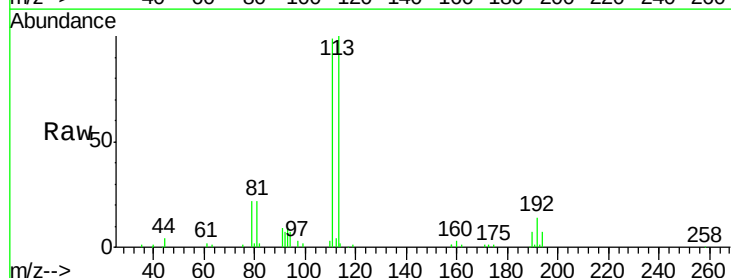
Tgt Ion:113 Resp: 103125

Ion Ratio Lower Upper

113 100

111 98.7 78.0 117.0

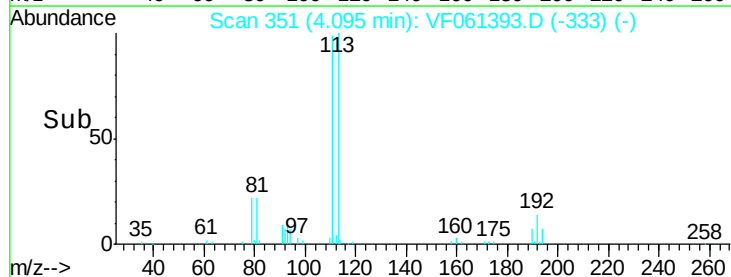
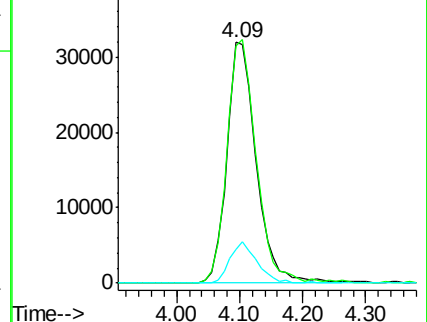
192 14.1 10.6 16.0

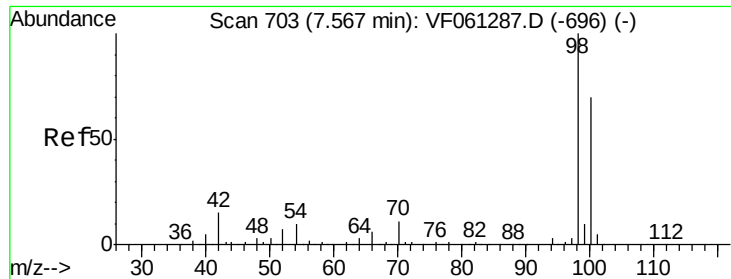


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

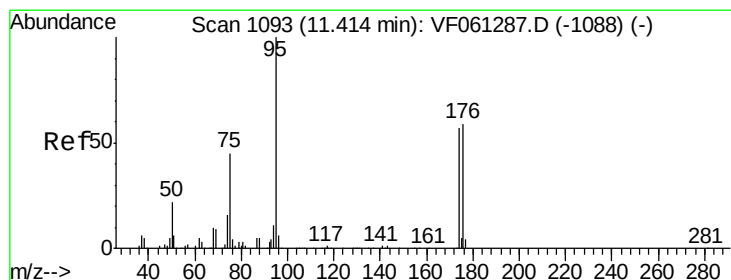
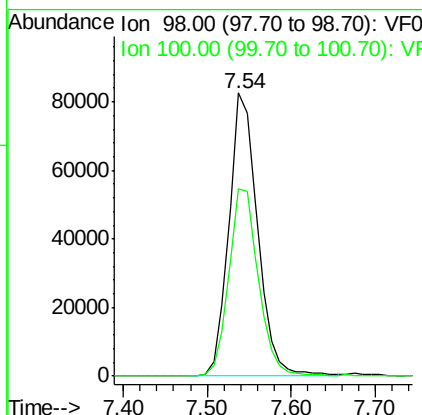
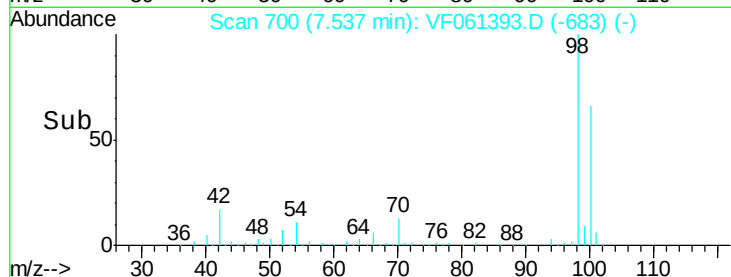
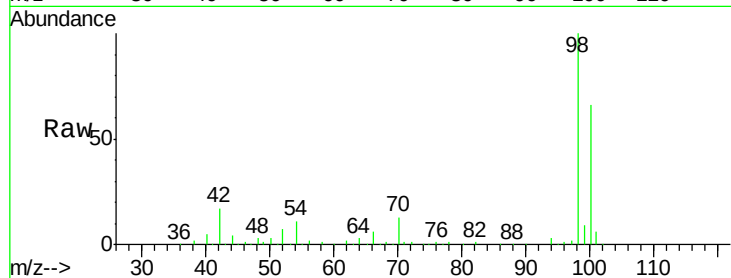




#50
Toluene-d8
Concen: 34.468 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061393.D
Acq: 14 Jan 2019 17:04

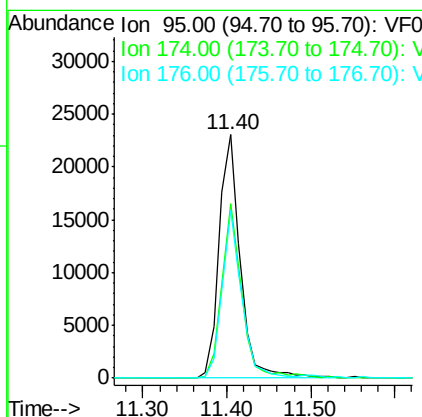
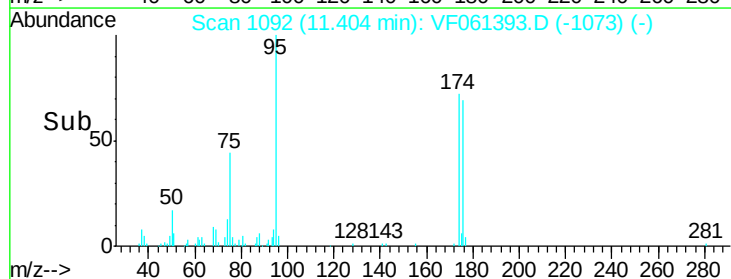
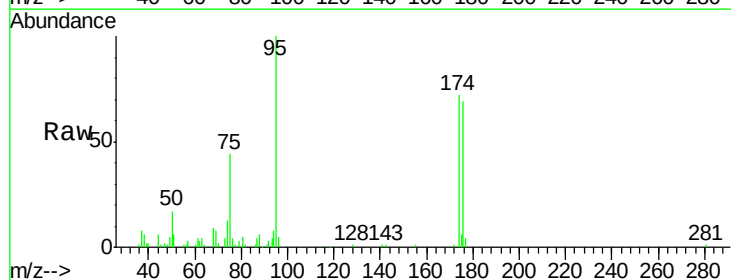
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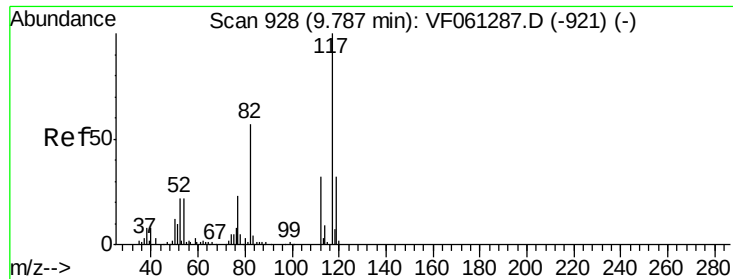
Tot Ion: 98 Resp: 196866
Ion Ratio Lower Upper
98 100
100 66.3 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 16.126 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061393.D
Acq: 14 Jan 2019 17:04

Tgt Ion: 95 Resp: 40217
Ion Ratio Lower Upper
95 100
174 71.6 0.0 114.2
176 69.0 0.0 117.8

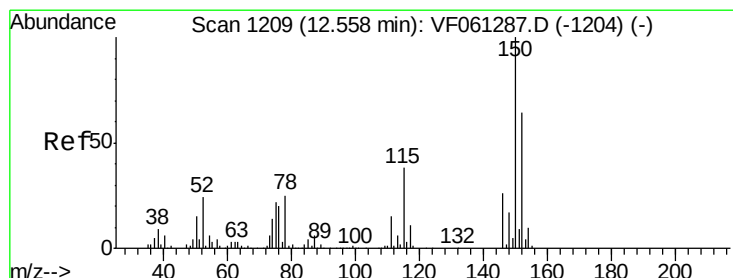
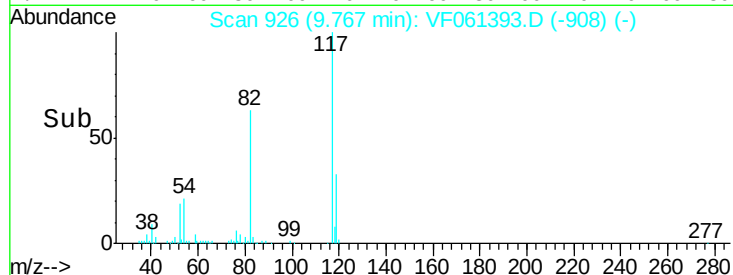
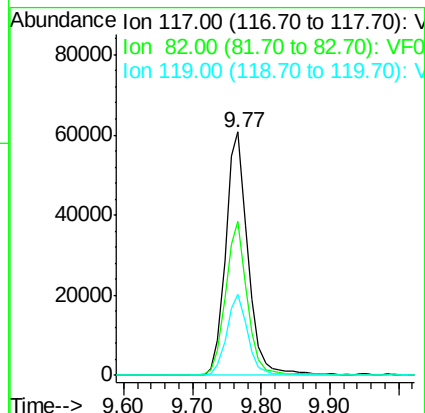
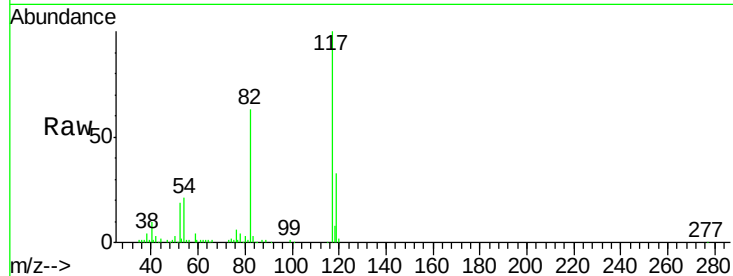




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.77 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: VF061393.D
 Acq: 14 Jan 2019 17:04

Instrument :
 MSVOA_F
 ClientSampleId :
 S-1

Tot Ion:117 Resp: 136124
 Ion Ratio Lower Upper
 117 100
 82 63.3 45.3 67.9
 119 33.3 25.4 38.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.54 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: VF061393.D
 Acq: 14 Jan 2019 17:04

Tgt Ion:152 Resp: 21863
 Ion Ratio Lower Upper
 152 100
 115 61.7 29.6 88.9
 150 143.8 0.0 315.4

