

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
 Data File : VF061133.D
 Acq On : 21 Dec 2018 18:39
 Operator : VA/AP
 Sample : J6377-12
 Misc : 3.70g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD004-0612-01

Quant Time: Dec 22 00:10:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.91	168	185804	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.64	114	335580	50.00	ug/l	0.05
63) Chlorobenzene-d5	9.81	117	267114	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.58	152	104807	50.00	ug/l	0.04

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.89	65	85878	35.94	ug/l	0.05
Spiked Amount	50.000		Recovery	=	71.88%	
35) Dibromofluoromethane	4.16	113	103466	38.49	ug/l	0.05
Spiked Amount	50.000		Recovery	=	76.98%	
50) Toluene-d8	7.59	98	258426	33.92	ug/l	0.04
Spiked Amount	50.000		Recovery	=	67.84%	
62) 4-Bromofluorobenzene	11.44	95	103724	29.53	ug/l	0.03
Spiked Amount	50.000		Recovery	=	59.06%	

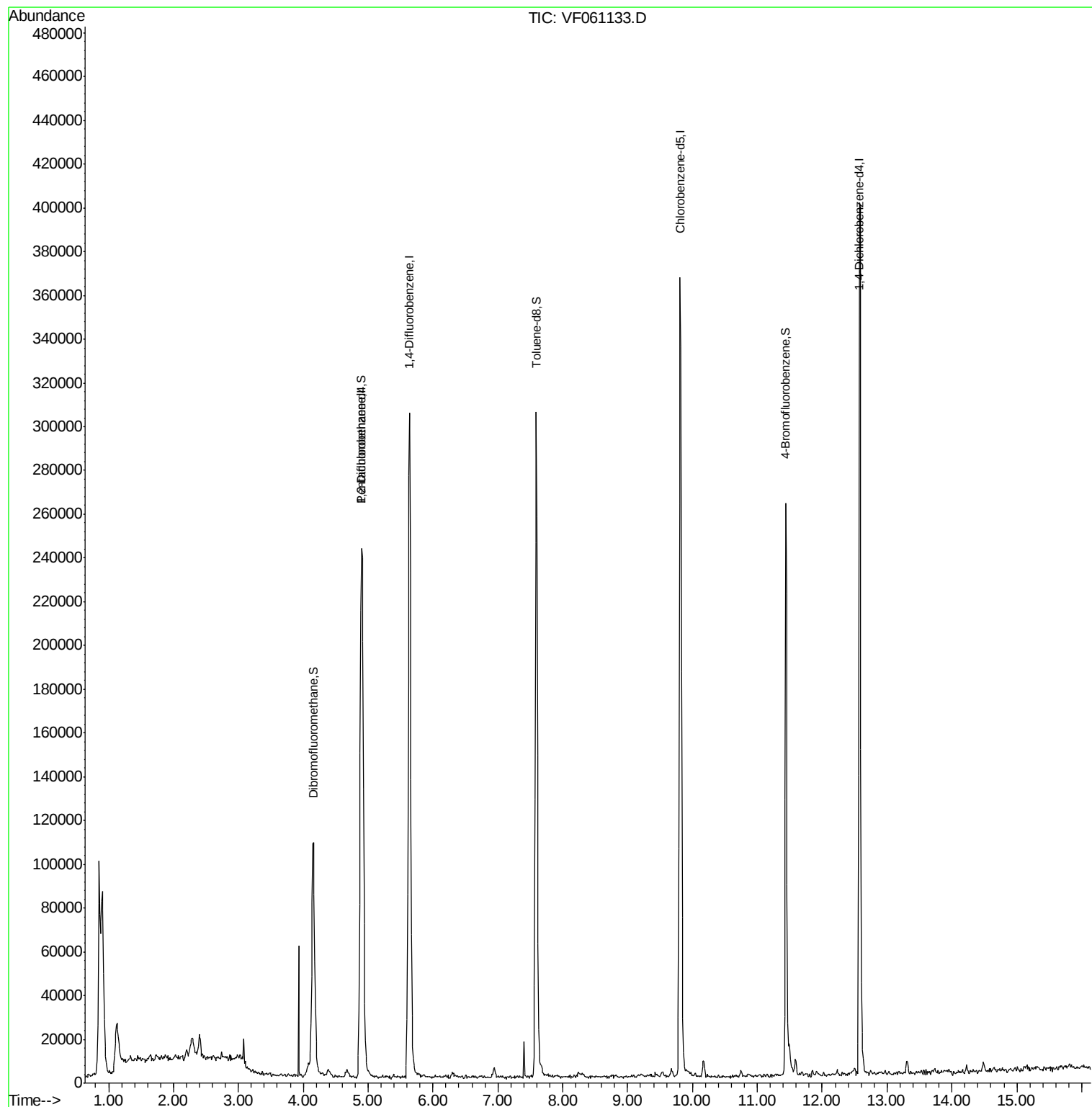
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.91 min Scan# 434

Delta R.T. 0.04 min

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ClientSampleId :

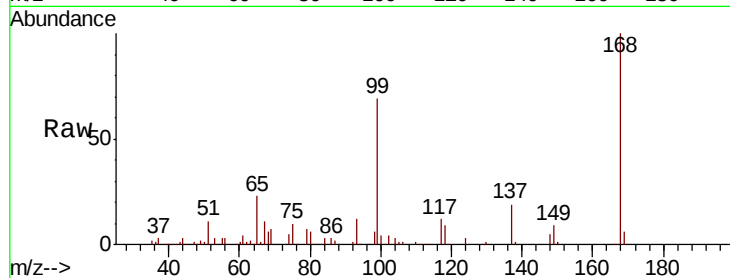
P001-SD004-0612-01

Tgt Ion:168 Resp: 185804

Ion Ratio Lower Upper

168 100

99 69.4 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.91

60000

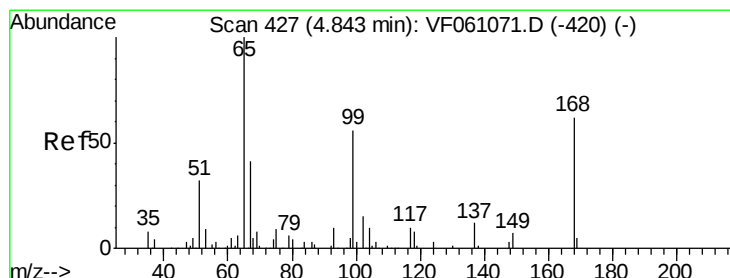
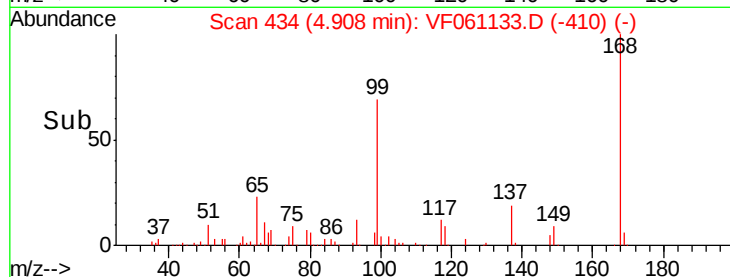
40000

20000

0

Time-->

4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 35.936 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.05 min

Lab File: VF061133.D

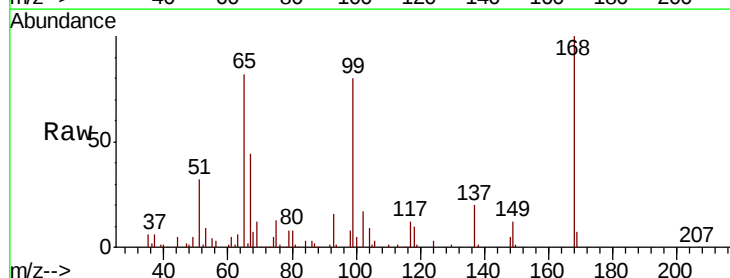
Acq: 21 Dec 2018 18:39

Tgt Ion: 65 Resp: 85878

Ion Ratio Lower Upper

65 100

67 53.8 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.89

30000

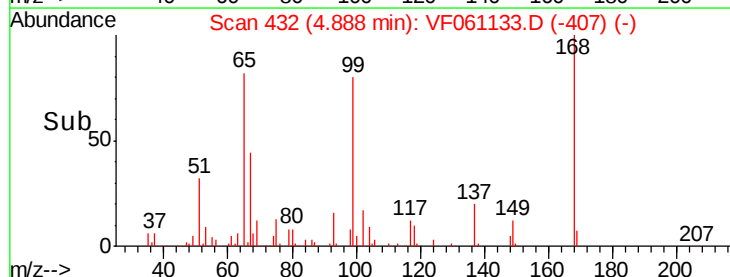
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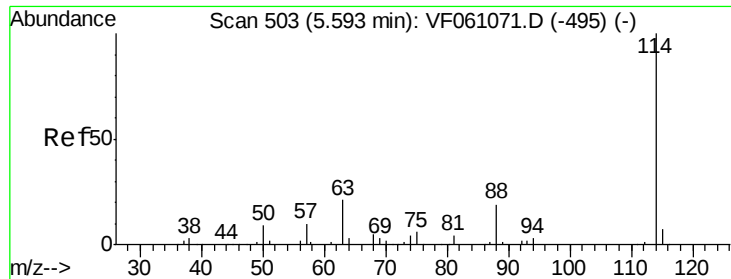
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0

Time-->

4.70 4.80 4.90 5.00 5.10

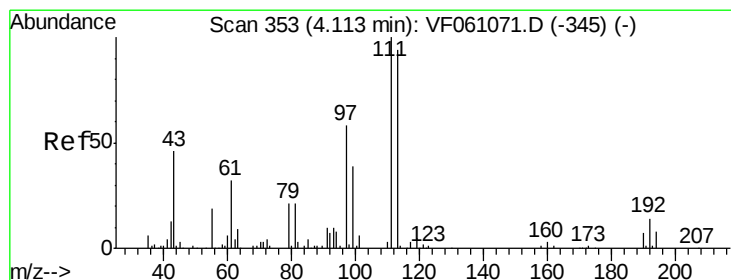
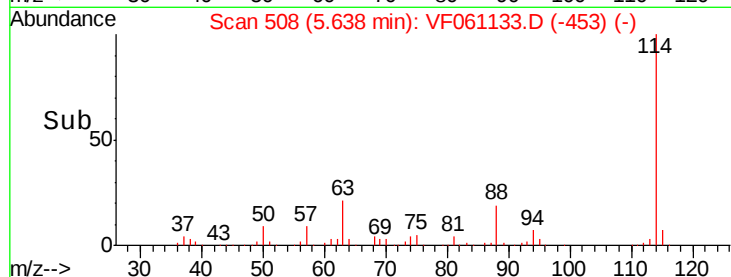
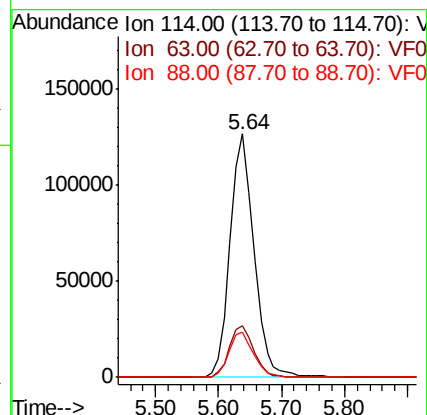
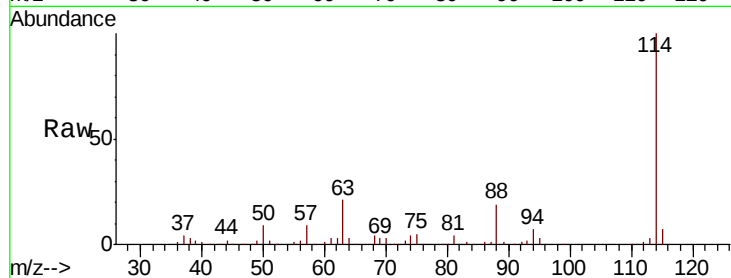




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 508
 Delta R.T. 0.05 min
 Lab File: VF061133.D
 Acq: 21 Dec 2018 18:39

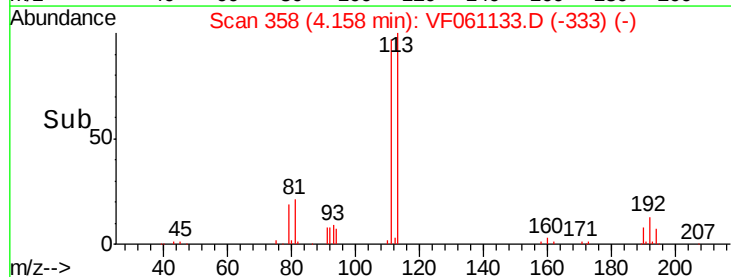
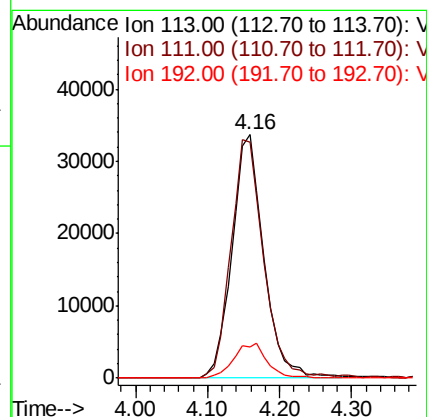
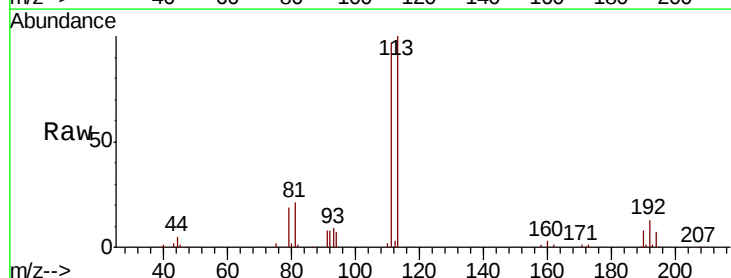
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 MSVOA_F
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 P001-SD004-0612-01

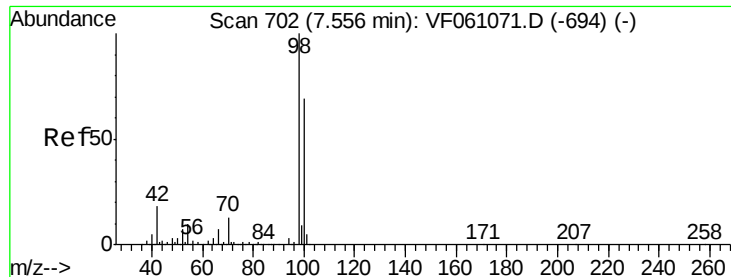
Tgt Ion:114 Resp: 335580
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.6
 88 18.8 0.0 38.0



#35
 Dibromofluoromethane
 Concen: 38.489 ug/l
 RT: 4.16 min Scan# 358
 Delta R.T. 0.05 min
 Lab File: VF061133.D
 Acq: 21 Dec 2018 18:39

Tgt Ion:113 Resp: 103466
 Ion Ratio Lower Upper
 113 100
 111 96.7 85.2 127.8
 192 13.4 12.8 19.2

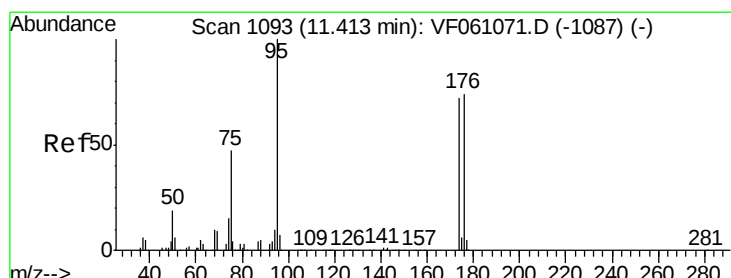
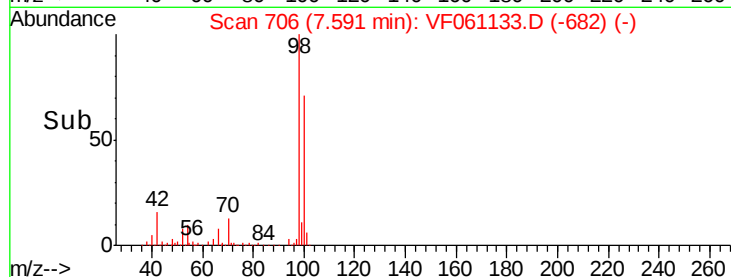
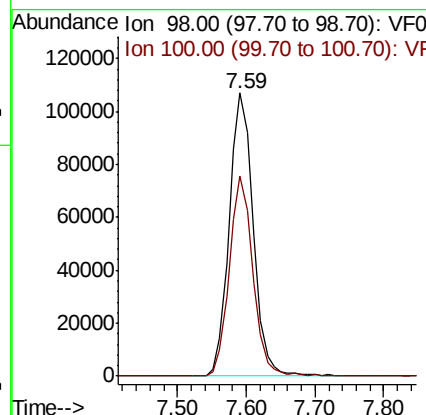
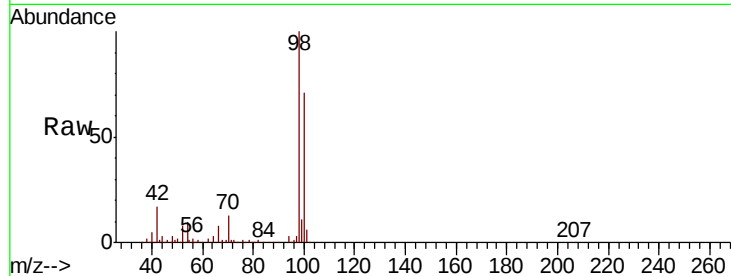




#50
Toluene-d8
Concen: 33.923 ug/l
RT: 7.59 min Scan# 706
Delta R.T. 0.04 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

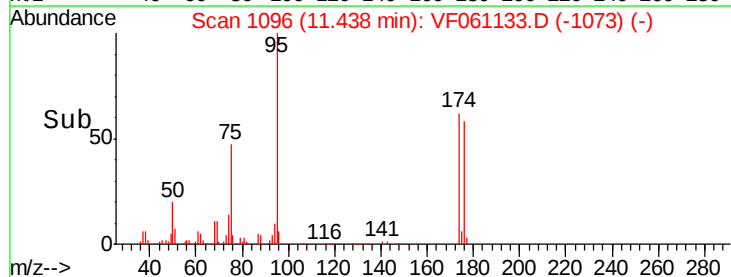
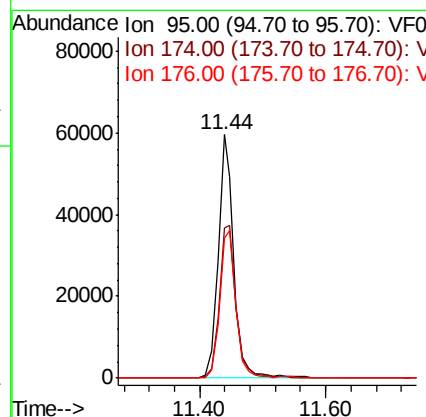
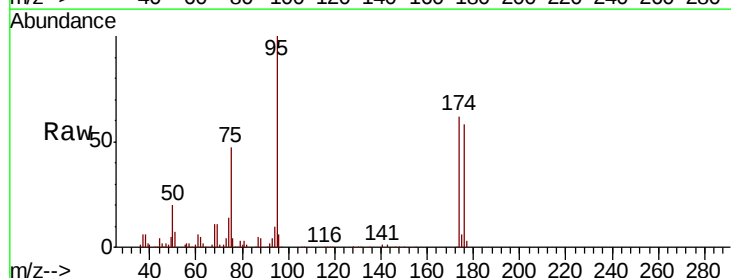
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P001-SD004-0612-01

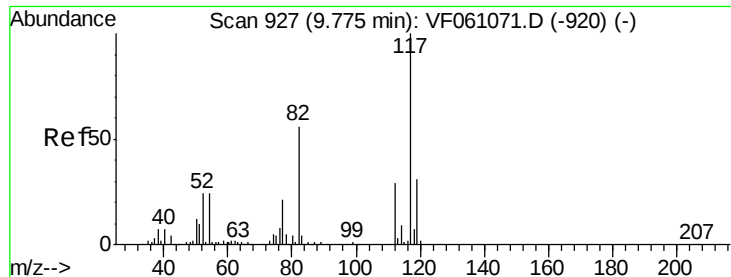
Tgt Ion: 98 Resp: 258426
Ion Ratio Lower Upper
98 100
100 70.8 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 29.534 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. 0.03 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion: 95 Resp: 103724
Ion Ratio Lower Upper
95 100
174 61.9 0.0 143.8
176 57.7 0.0 147.6

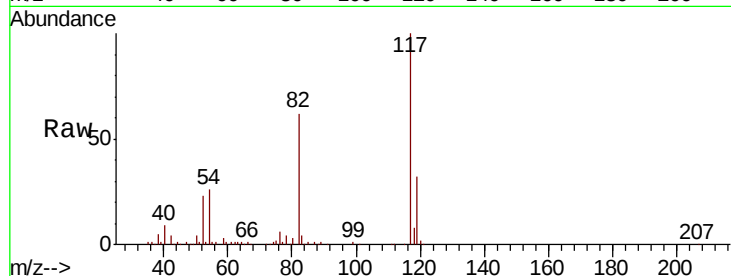




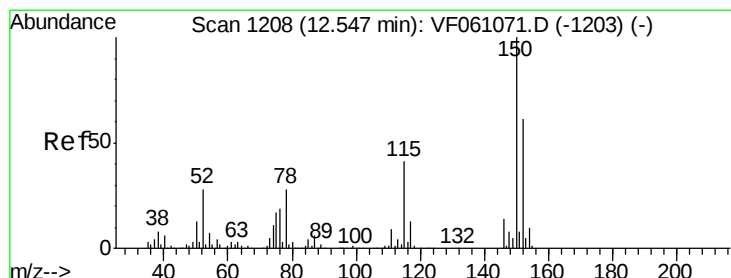
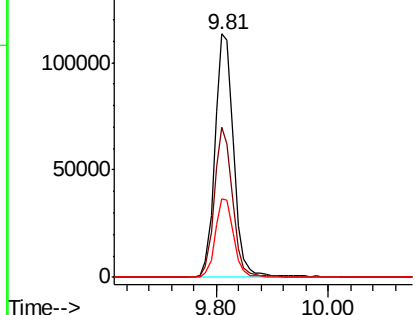
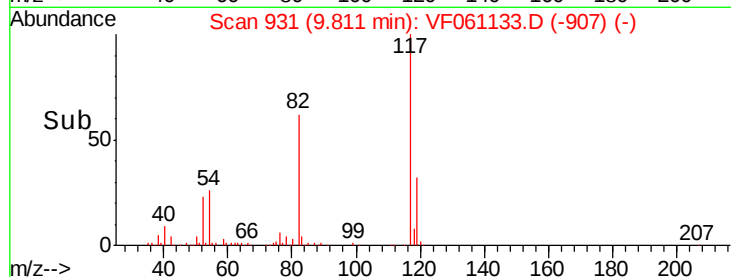
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.04 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:117 Resp: 267114
Ion Ratio Lower Upper
117 100
82 61.7 45.0 67.4
119 32.0 24.8 37.2

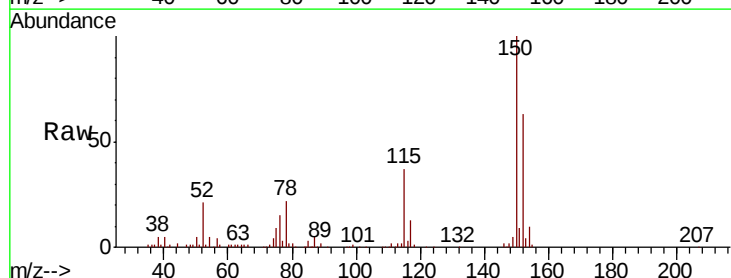


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1212
Delta R.T. 0.04 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion:152 Resp: 104807
Ion Ratio Lower Upper
152 100
115 58.3 33.3 99.9
150 157.7 0.0 328.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

