

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061196.D
 Acq On : 26 Dec 2018 18:59
 Operator : VA/AP
 Sample : J6446-05
 Misc : 5.66g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS026-1218-01

Quant Time: Dec 27 01:28:06 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	4.85	168	184372	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	319931	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	252484	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	93396	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	120089	50.64	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	4.09	113	138302	53.96	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.92%	
50) Toluene-d8	7.54	98	323183	44.50	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.00%	
62) 4-Bromofluorobenzene	11.40	95	115370	34.46	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	68.92%	

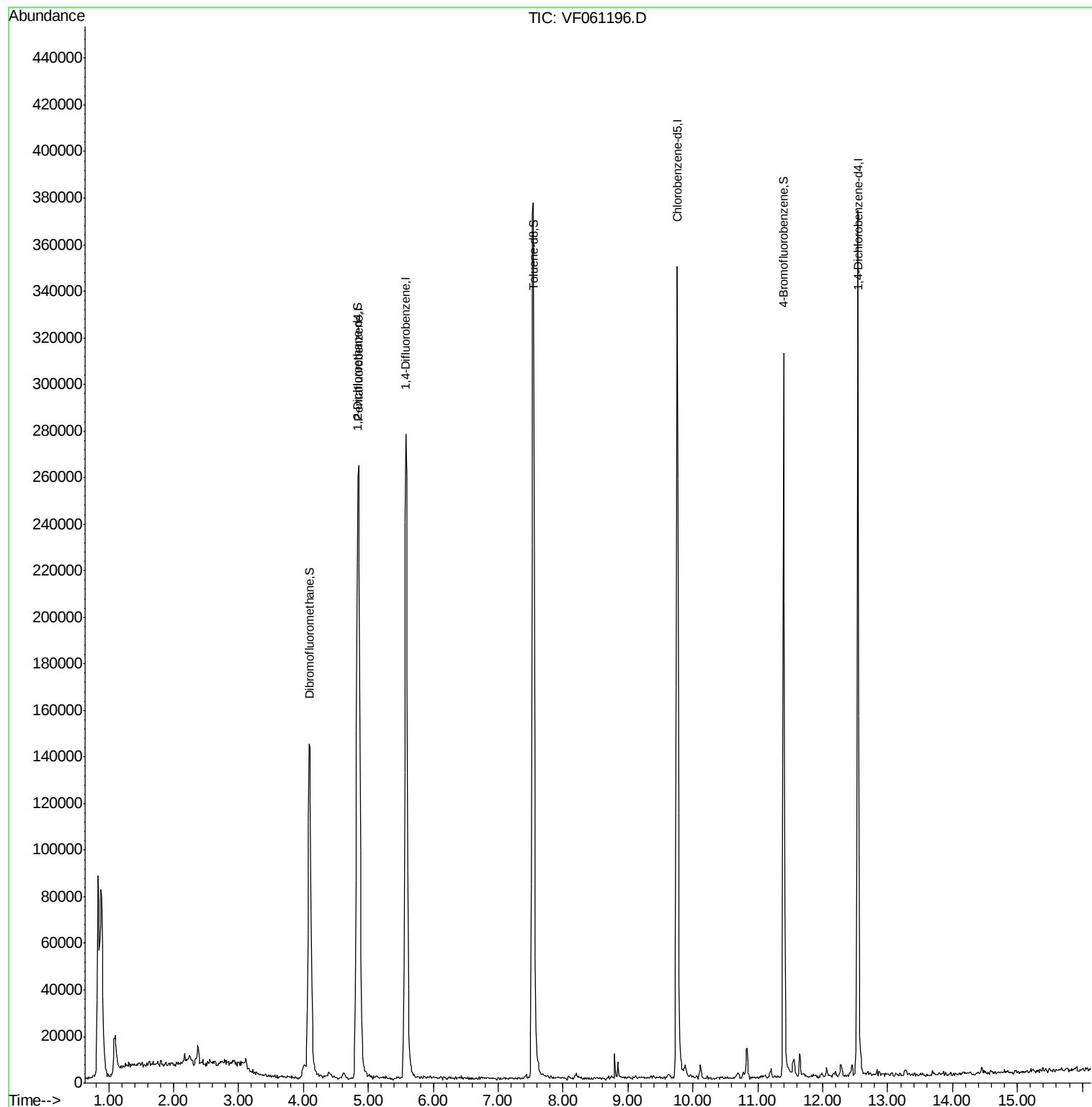
Target Compounds	Qvalue

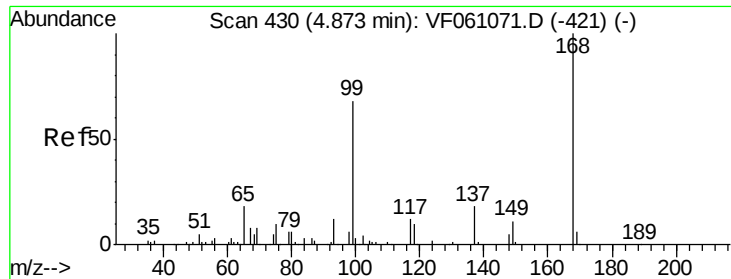
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061196.D

Acq: 26 Dec 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

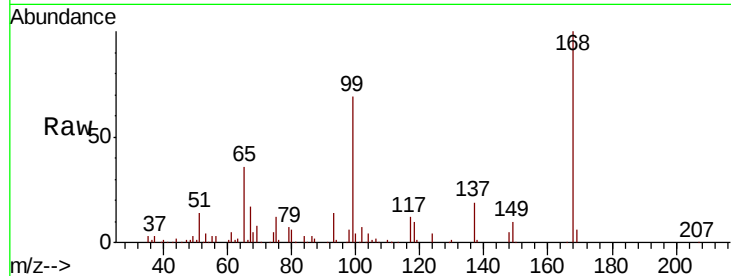
P001-SS026-1218-01

Tot Ion:168 Resp: 184372

Ion Ratio Lower Upper

168 100

99 69.3 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

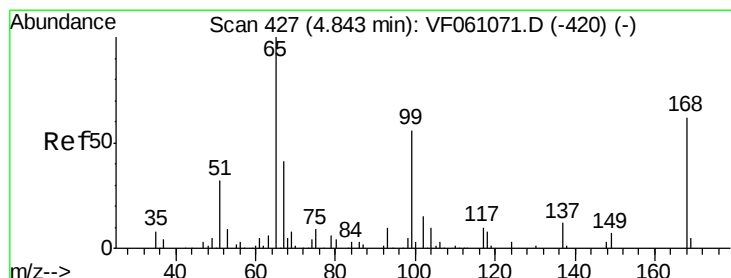
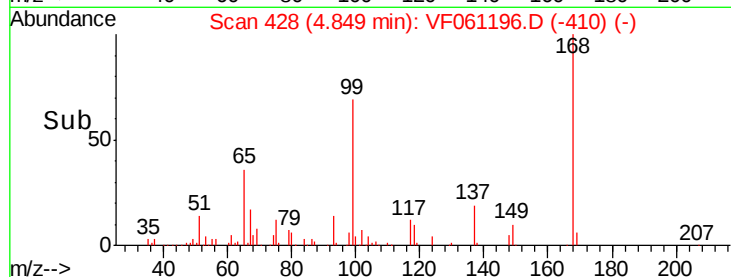
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 50.642 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061196.D

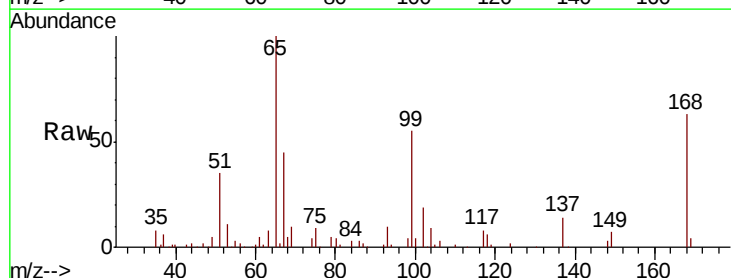
Acq: 26 Dec 2018 18:59

Tgt Ion: 65 Resp: 120089

Ion Ratio Lower Upper

65 100

67 45.2 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

40000

30000

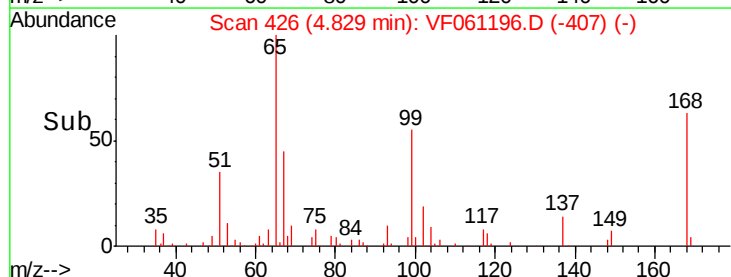
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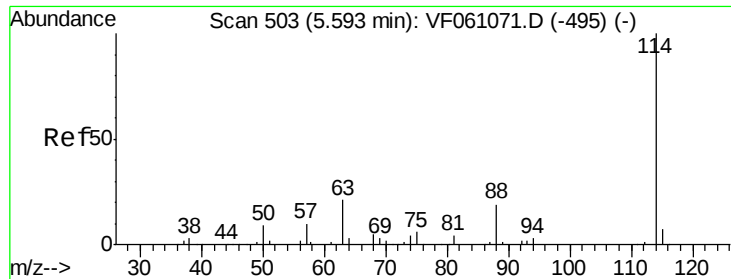
10000

0

Time-->

4.70 4.80 4.90 5.00

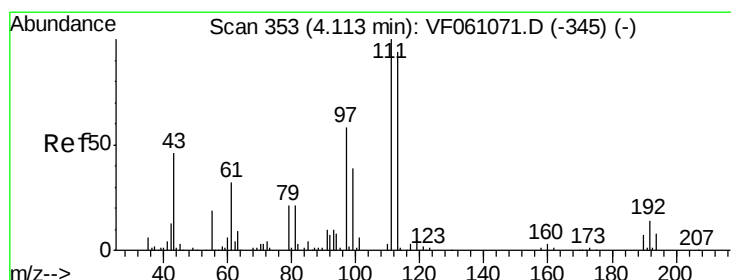
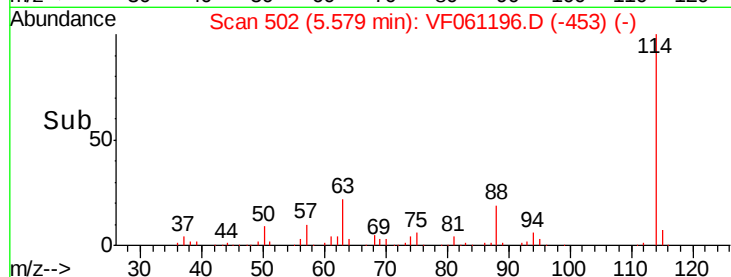
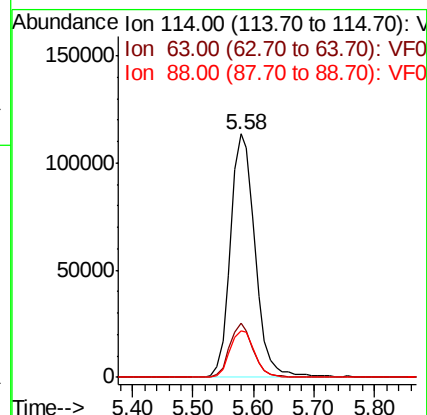
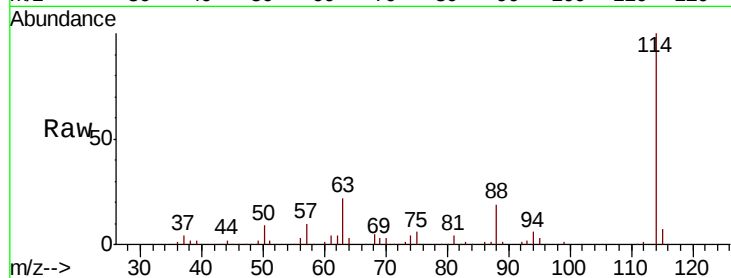




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: VF061196.D
 Acq: 26 Dec 2018 18:59

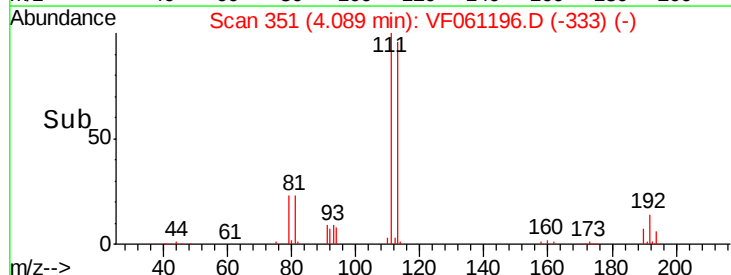
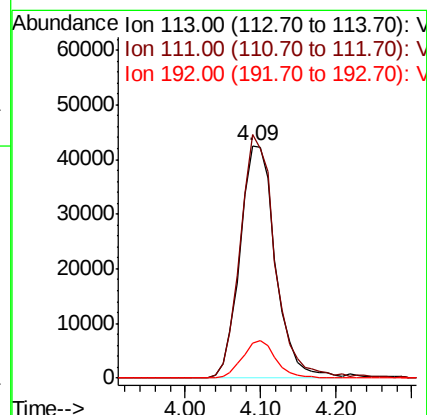
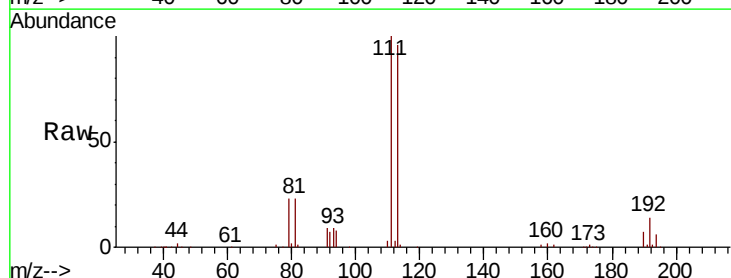
Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS026-1218-01

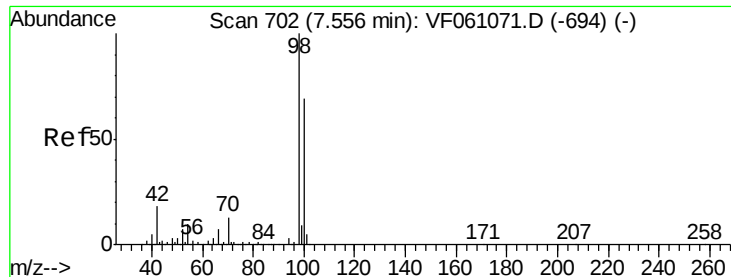
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	41.6
88	19.2	0.0	38.0



#35
 Dibromofluoromethane
 Concen: 53.965 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VF061196.D
 Acq: 26 Dec 2018 18:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	85.2	127.8
192	15.5	12.8	19.2

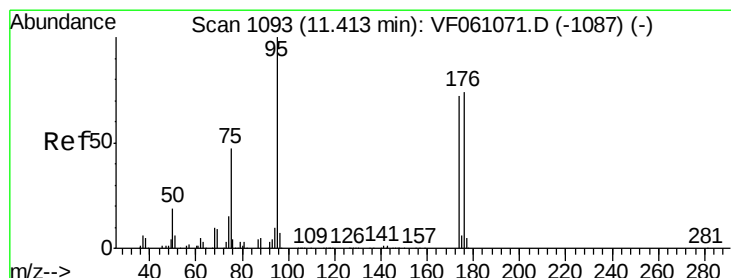
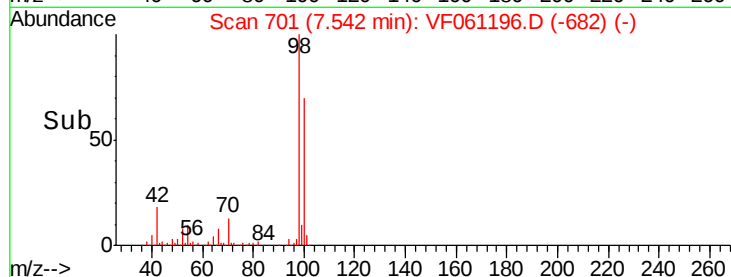
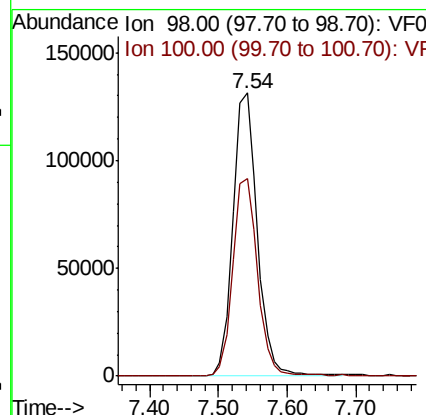
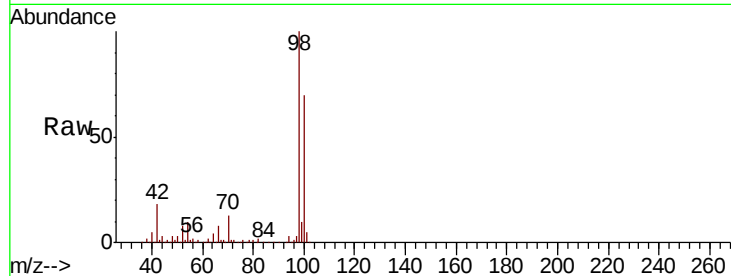




#50
Toluene-d8
Concen: 44.499 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF061196.D
Acq: 26 Dec 2018 18:59

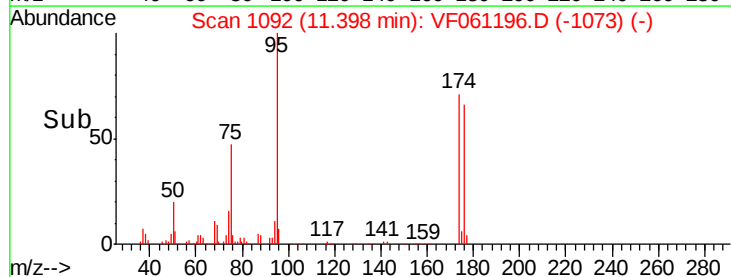
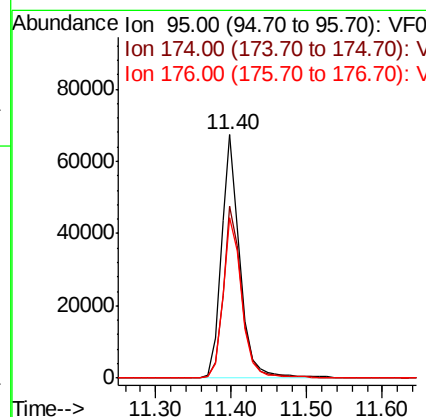
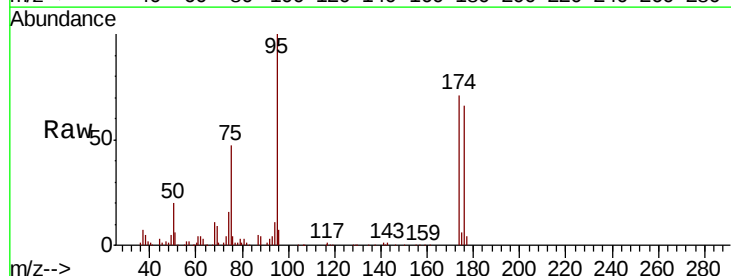
Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-1218-01

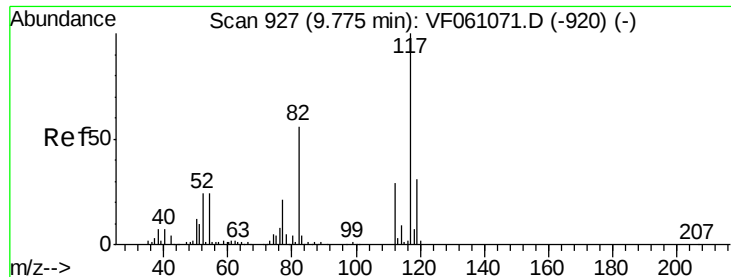
Tot Ion: 98 Resp: 323183
Ion Ratio Lower Upper
98 100
100 69.9 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 34.457 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061196.D
Acq: 26 Dec 2018 18:59

Tgt Ion: 95 Resp: 115370
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.8
176 66.1 0.0 147.6

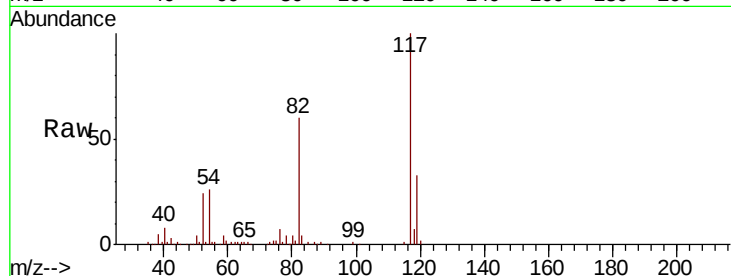




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061196.D
Acq: 26 Dec 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-1218-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	45.0	67.4
119	32.9	24.8	37.2

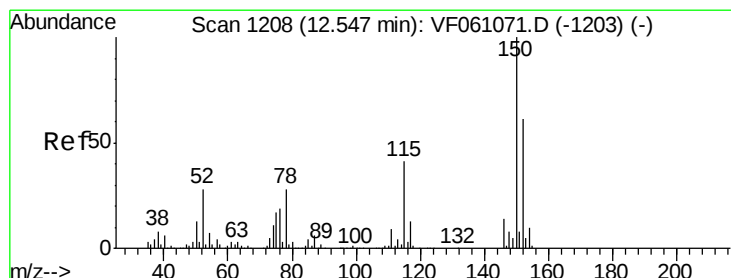
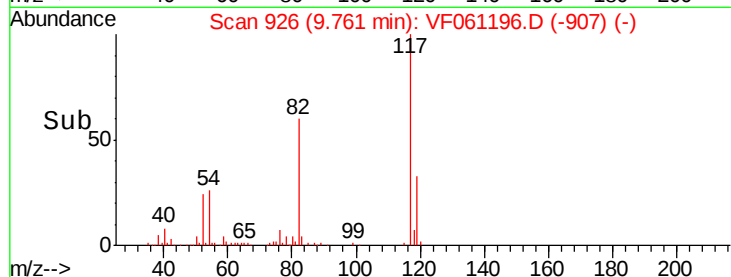
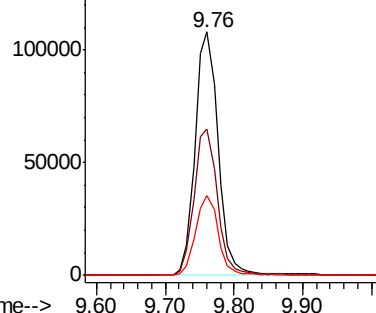


Abundance

Ion 117.00 (116.70 to 117.70): V

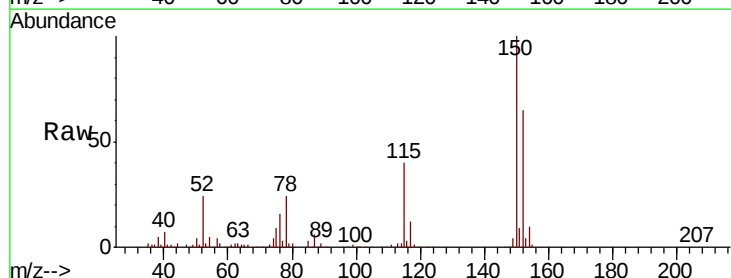
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061196.D
Acq: 26 Dec 2018 18:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	33.3	99.9
150	154.8	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

