

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010219\
 Data File : VF061253.D
 Acq On : 2 Jan 2019 14:40
 Operator : VA/AP
 Sample : J6193-17
 Misc : 6.58g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-122718-D

Quant Time: Jan 02 15:28:23 2019
 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	4.86	168	232572	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	409386	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	329894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	144899	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	127346	42.57	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	85.14%	
35) Dibromofluoromethane	4.10	113	143172	43.66	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.32%	
50) Toluene-d8	7.54	98	349352	37.59	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	75.18%	
62) 4-Bromofluorobenzene	11.41	95	155769	36.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.72%	

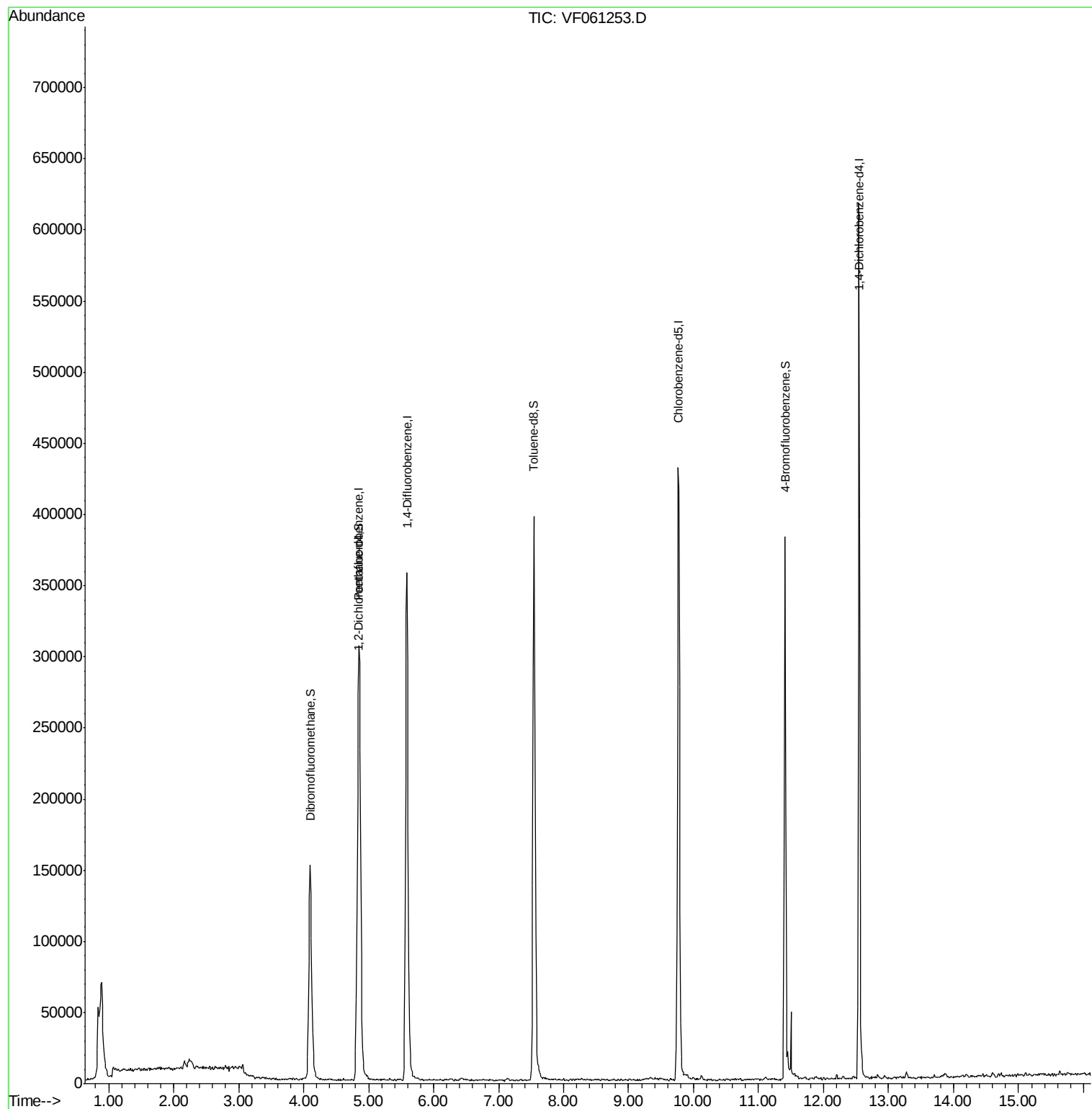
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061253.D

Acq: 2 Jan 2019 14:40

Instrument :

MSVOA_F

ClientSampleId :

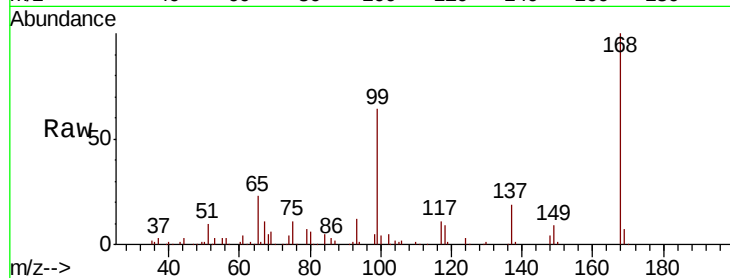
CL-02-122718-D

Tot Ion:168 Resp: 232572

Ion Ratio Lower Upper

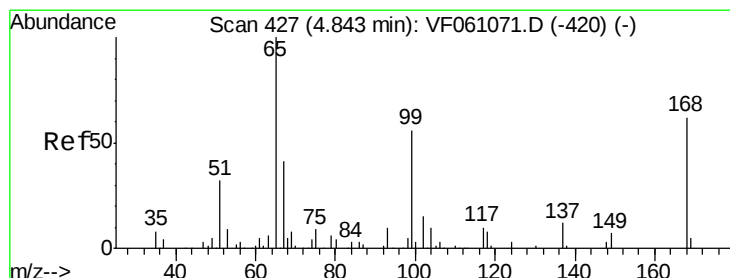
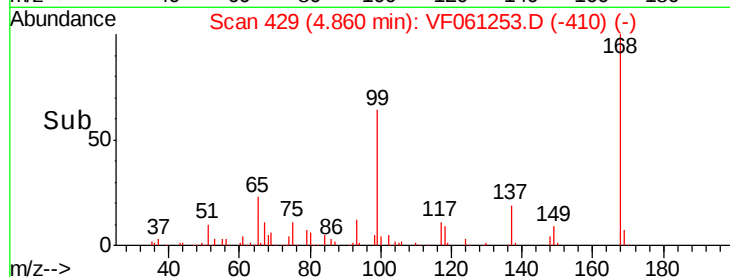
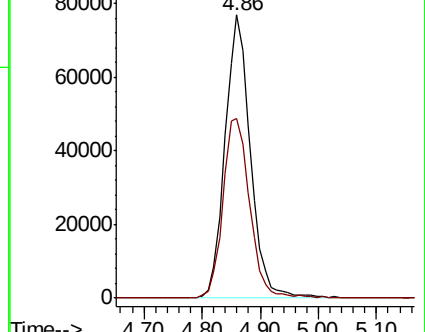
168 100

99 63.5 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 42.572 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061253.D

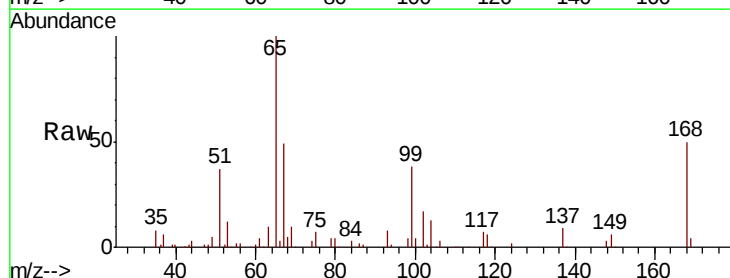
Acq: 2 Jan 2019 14:40

Tgt Ion: 65 Resp: 127346

Ion Ratio Lower Upper

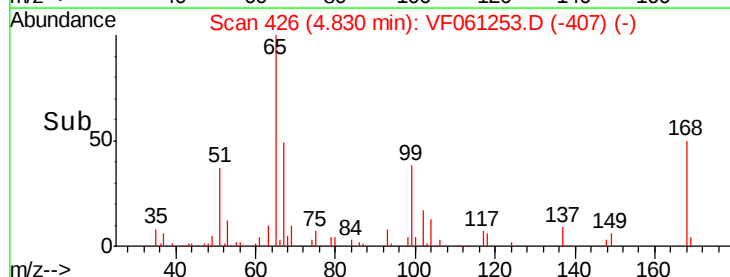
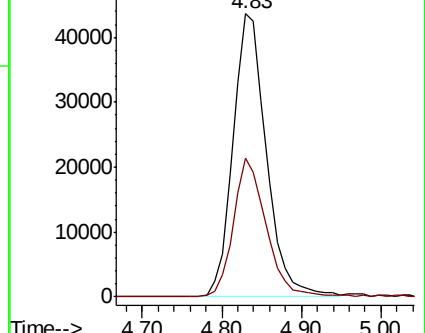
65 100

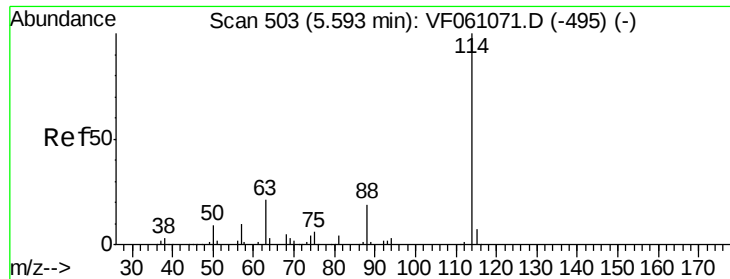
67 49.0 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

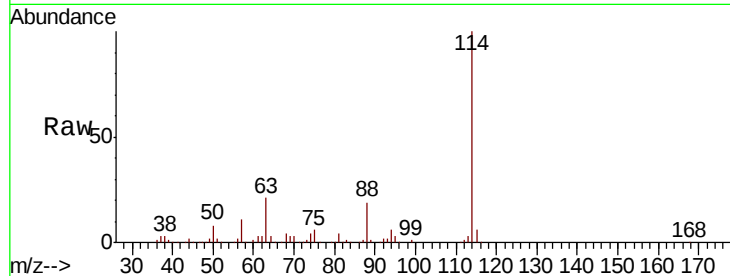




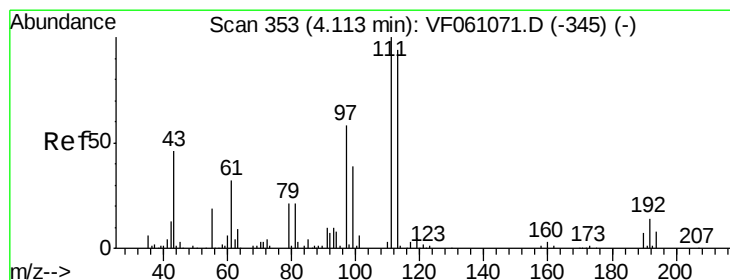
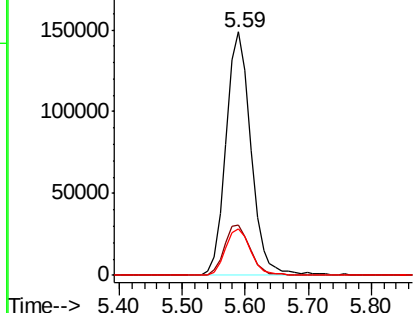
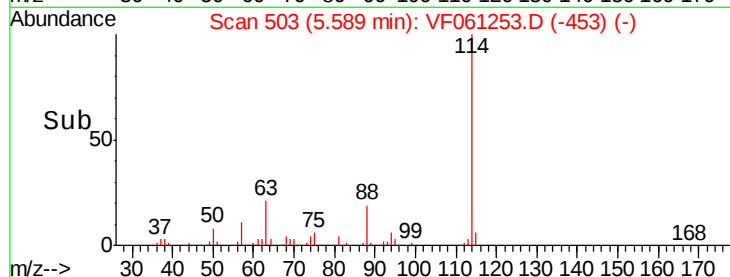
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VF061253.D
 Acq: 2 Jan 2019 14:40

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-122718-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.6
88	19.2	0.0	38.0

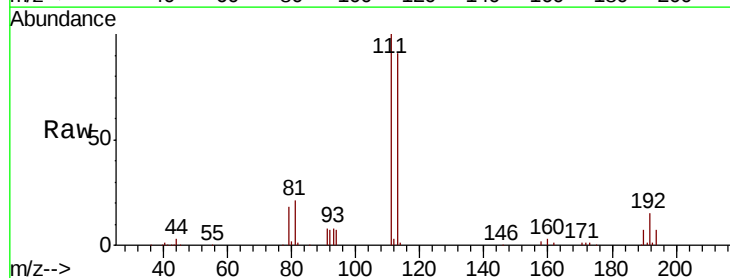


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

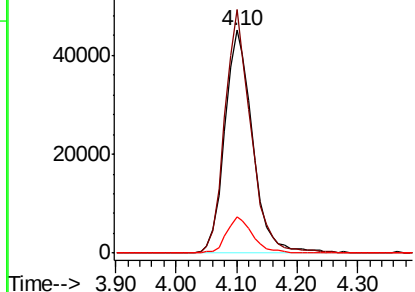
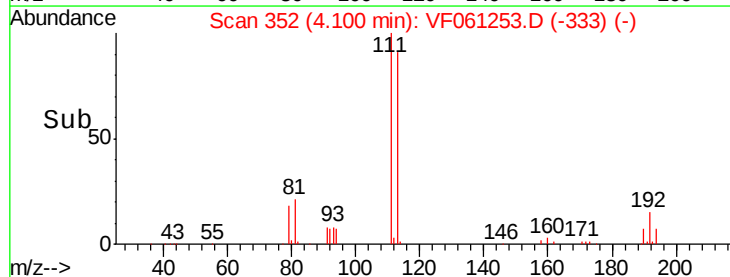


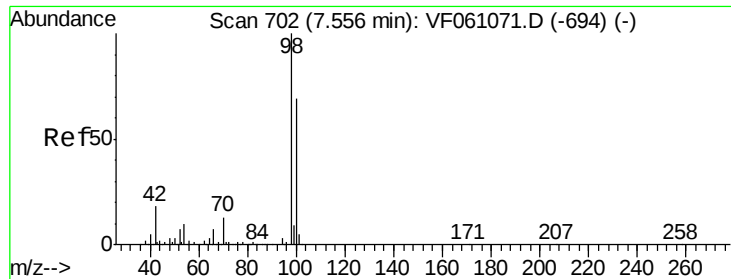
#35
 Dibromofluoromethane
 Concen: 43.658 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF061253.D
 Acq: 2 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	109.4	85.2	127.8
192	16.7	12.8	19.2



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

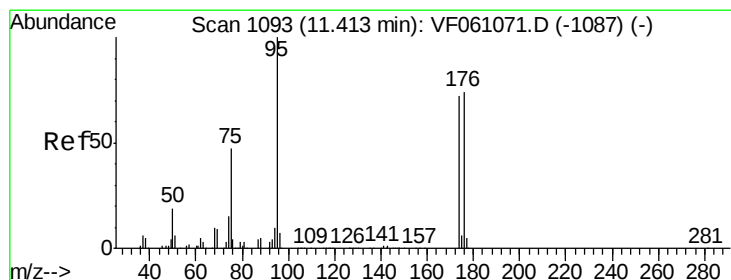
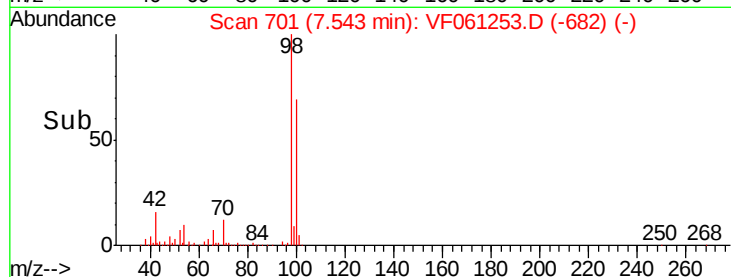
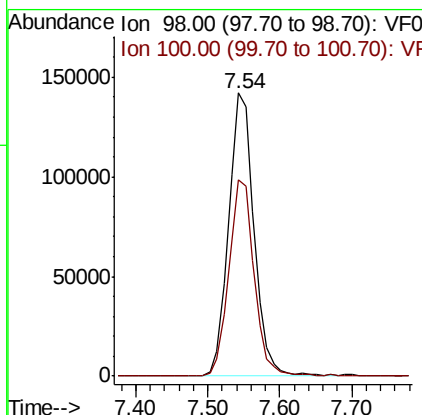
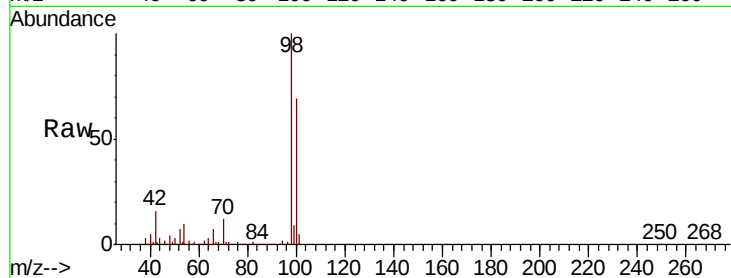




#50
Toluene-d8
Concen: 37.591 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF061253.D
Acq: 2 Jan 2019 14:40

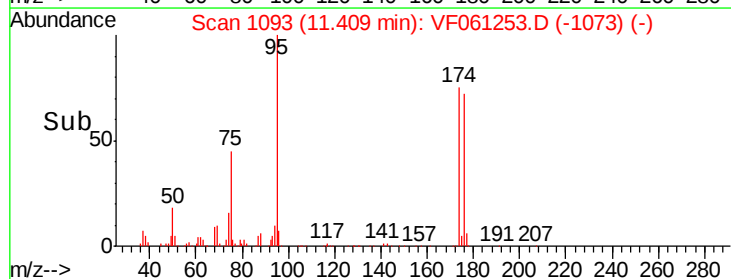
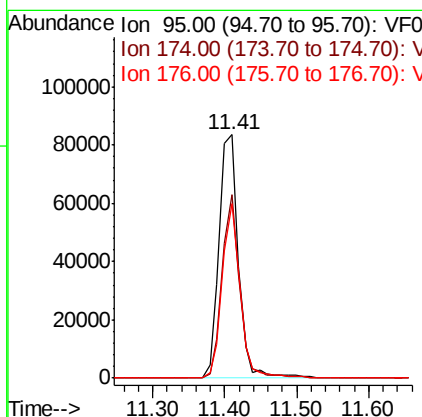
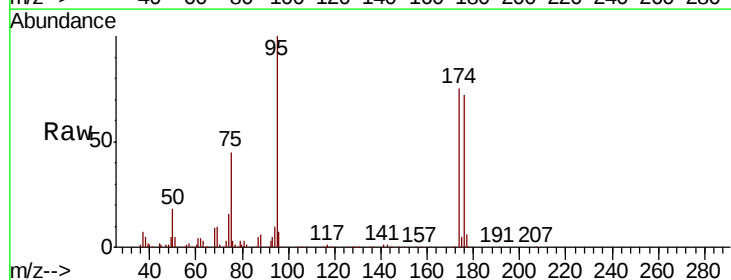
Instrument :
MSVOA_F
ClientSampleId :
CL-02-122718-D

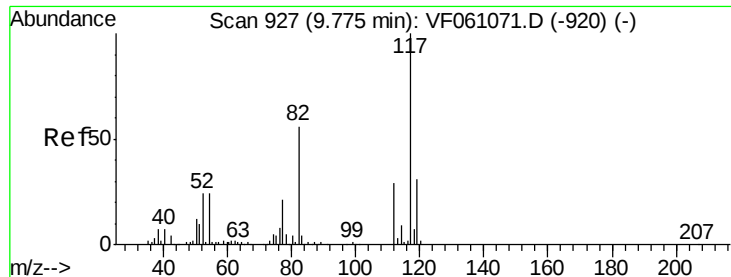
Tot Ion: 98 Resp: 349352
Ion Ratio Lower Upper
98 100
100 69.4 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 36.357 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061253.D
Acq: 2 Jan 2019 14:40

Tgt Ion: 95 Resp: 155769
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 71.8 0.0 147.6

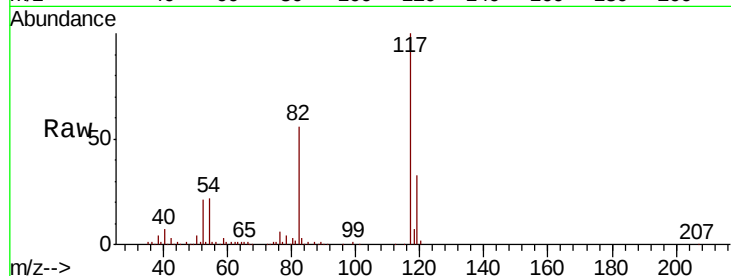




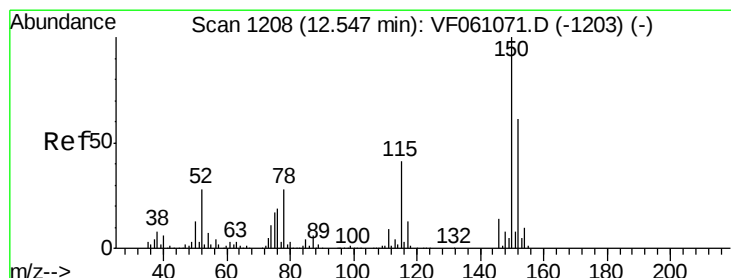
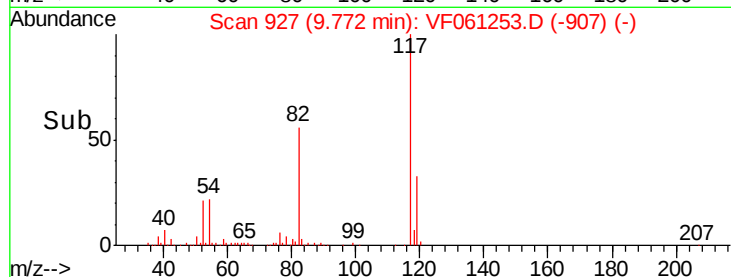
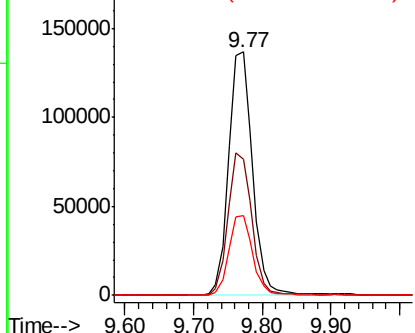
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.00 min
Lab File: VF061253.D
Acq: 2 Jan 2019 14:40

Instrument :
MSVOA_F
ClientSampleId :
CL-02-122718-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.0	67.4
119	32.9	24.8	37.2

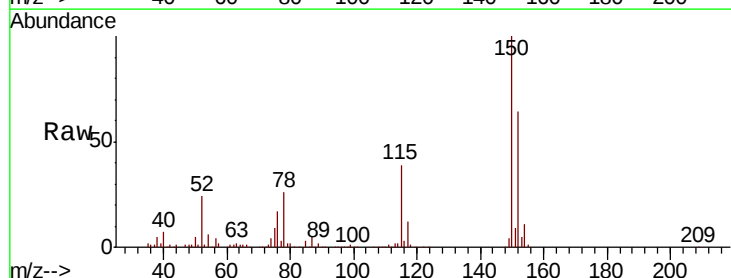


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061253.D
Acq: 2 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	33.3	99.9
150	157.3	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

