

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080818\
 Data File : VF059934.D
 Acq On : 8 Aug 2018 16:33
 Operator : VA/AP
 Sample : J4275-05
 Misc : 7.94g/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-080718-C

Quant Time: Aug 09 06:44:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	87873	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	119661	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	108599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	58128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	75637	47.74	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.48%	
35) Dibromofluoromethane	4.31	113	57068	47.93	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	7.72	98	91875	36.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.54%	
62) 4-Bromofluorobenzene	11.52	95	47167	33.14	ug/l	0.01
Spiked Amount 50.000			Recovery	=	66.28%	

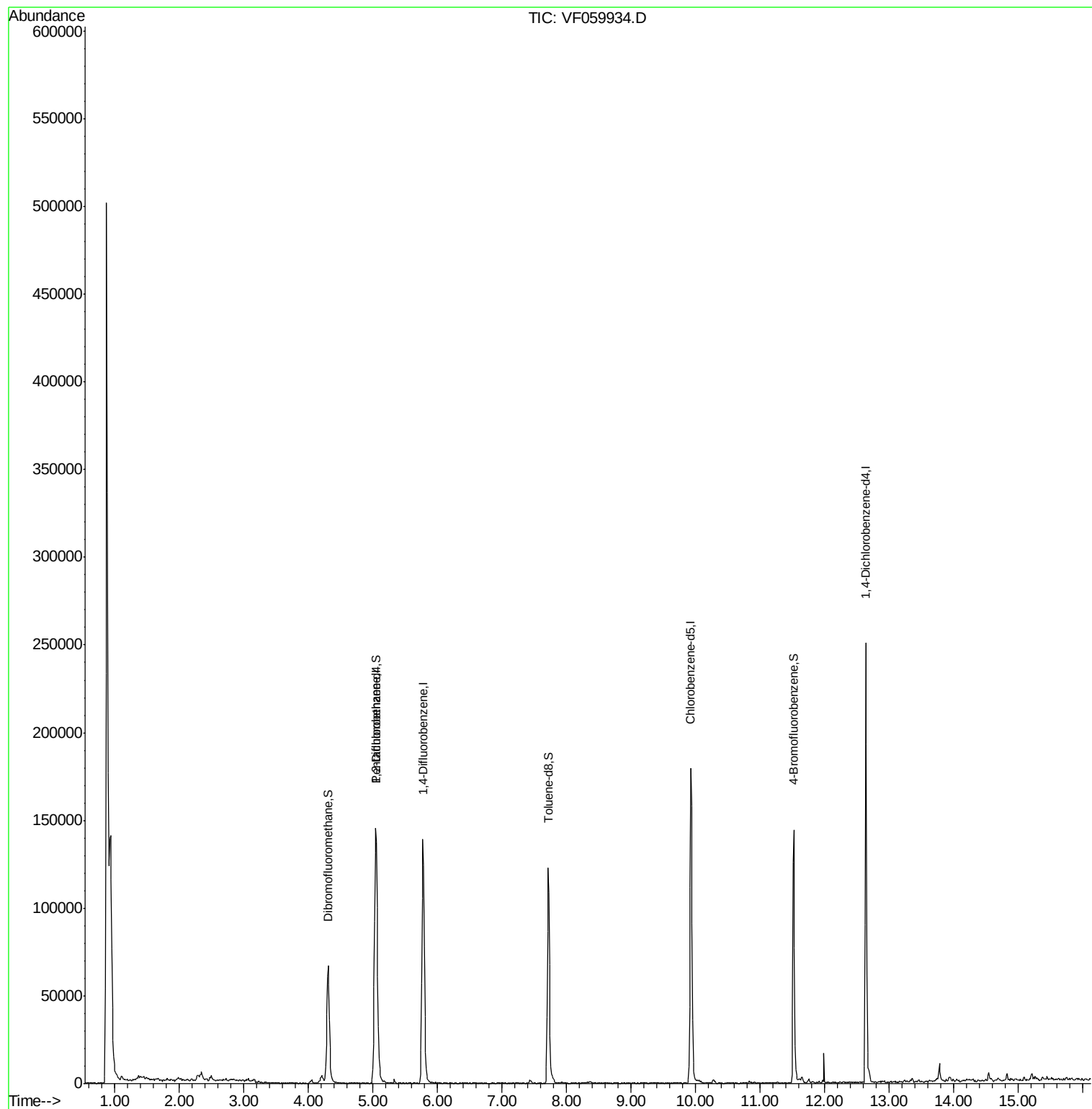
Target Compounds	Qvalue
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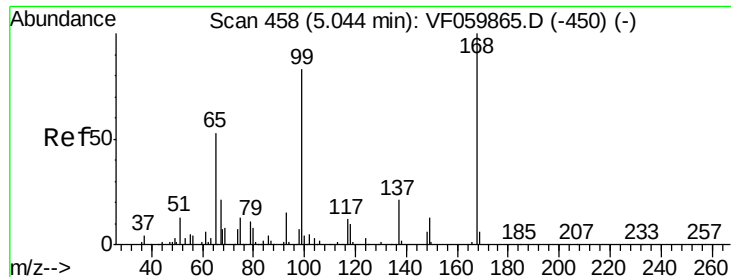
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF059934.D

Acq: 8 Aug 2018 16:33

Instrument :

MSVOA_F

ClientSampleId :

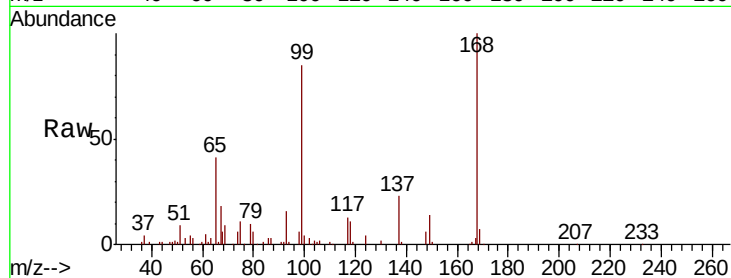
CL-02-080718-C

Tot Ion:168 Resp: 87873

Ion Ratio Lower Upper

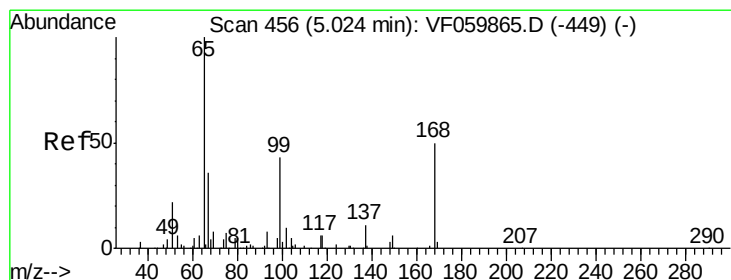
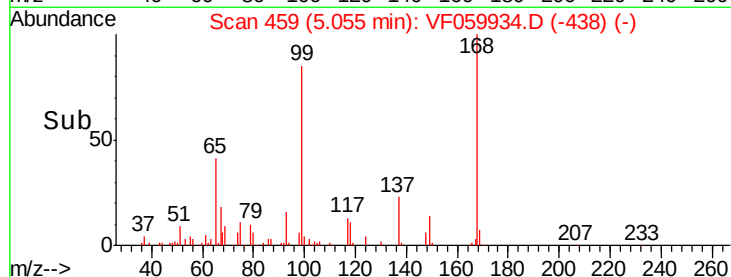
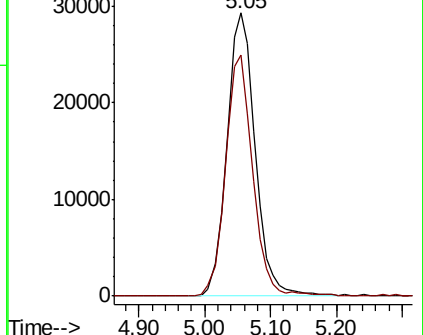
168 100

99 85.2 66.3 99.5



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: 47.74 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059934.D

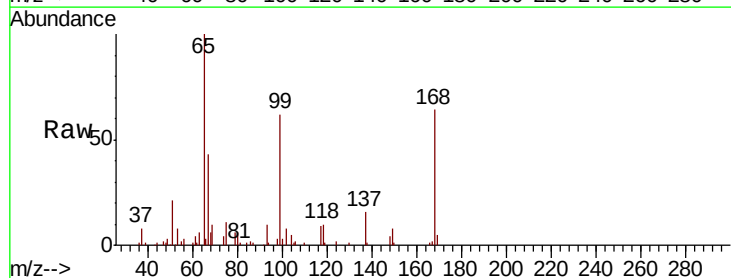
Acq: 8 Aug 2018 16:33

Tgt Ion: 65 Resp: 75637

Ion Ratio Lower Upper

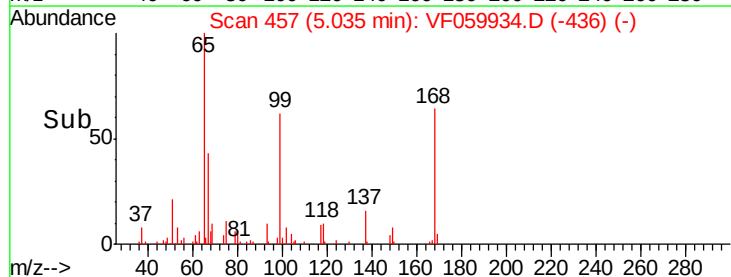
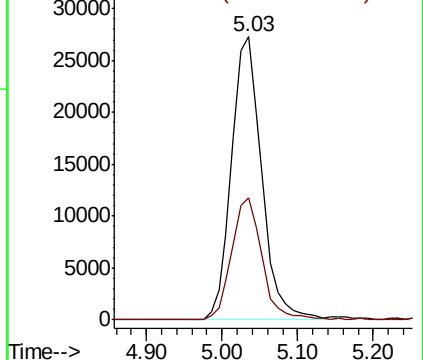
65 100

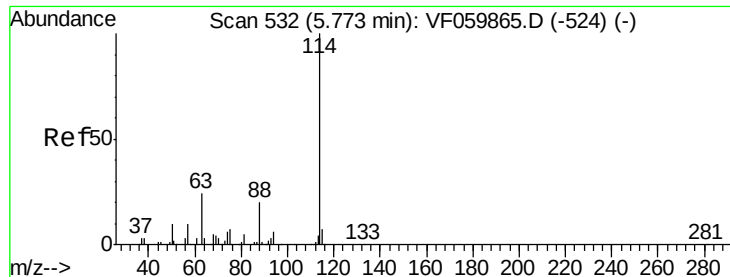
67 42.9 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

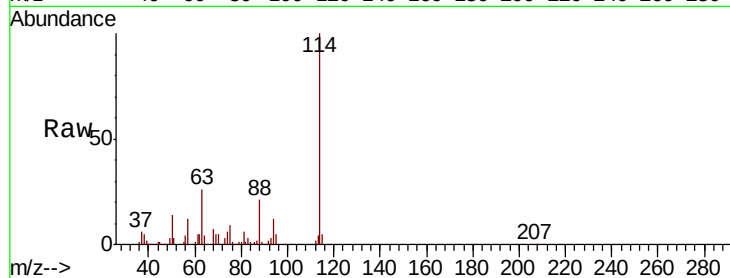




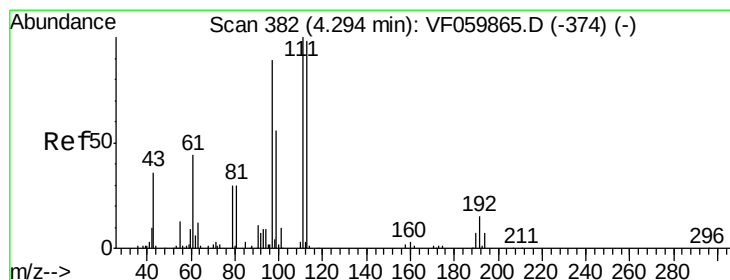
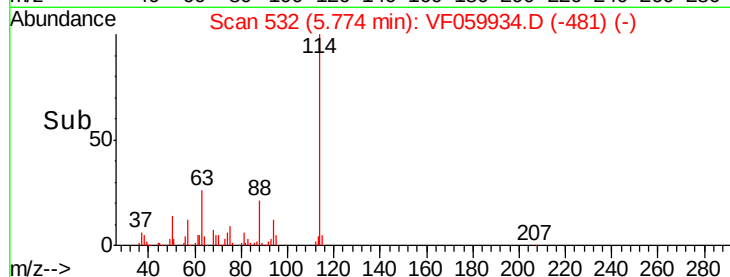
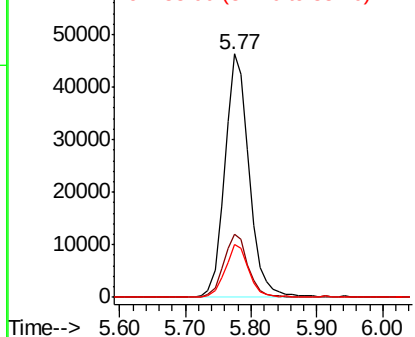
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF059934.D
 Acq: 8 Aug 2018 16:33

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-080718-C

Tot Ion:114	Resp:	119661
Ion Ratio	Lower	Upper
114	100	
63	26.0	0.0 48.0
88	21.5	0.0 39.4

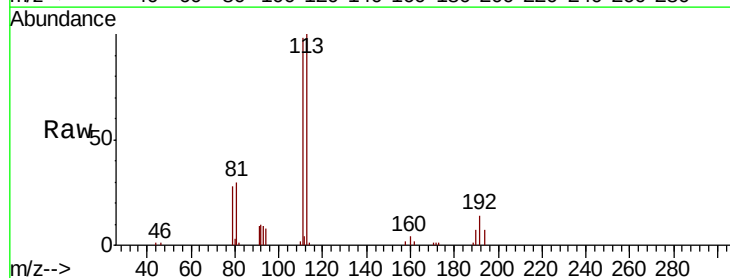


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

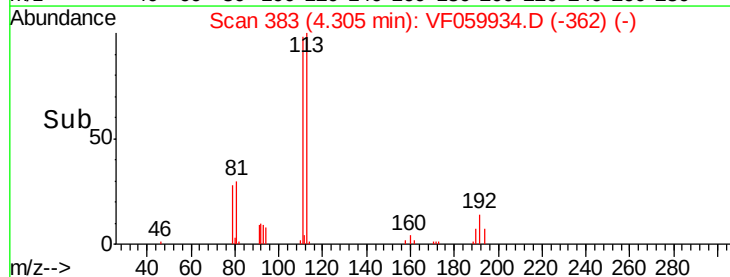
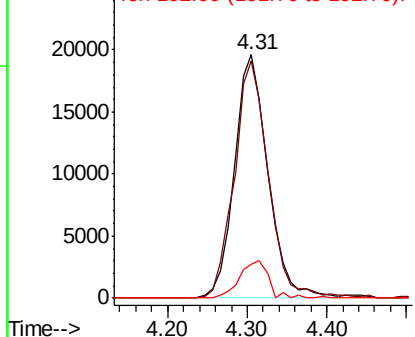


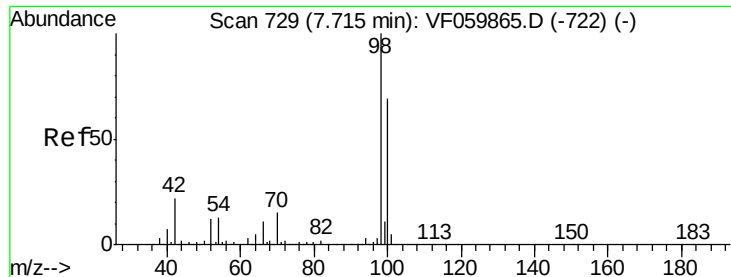
#35
 Dibromofluoromethane
 Concen: 47.93 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VF059934.D
 Acq: 8 Aug 2018 16:33

Tgt Ion:113	Resp:	57068
Ion Ratio	Lower	Upper
113	100	
111	97.6	81.8 122.8
192	13.9	12.4 18.6



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

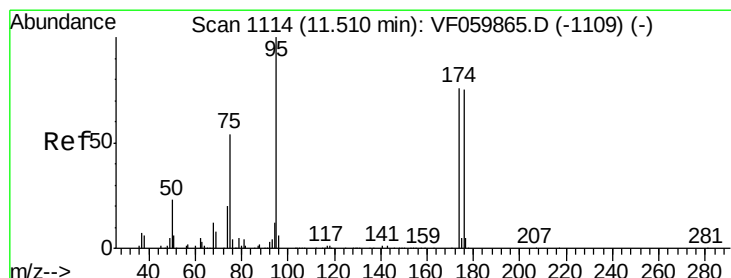
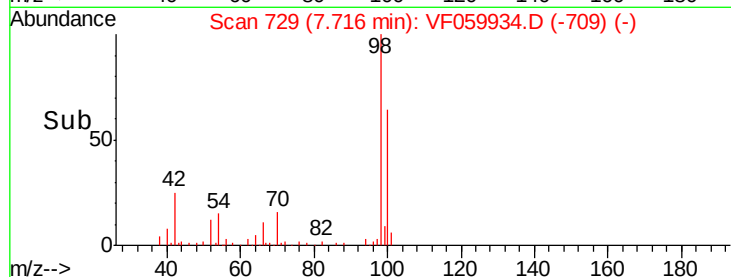
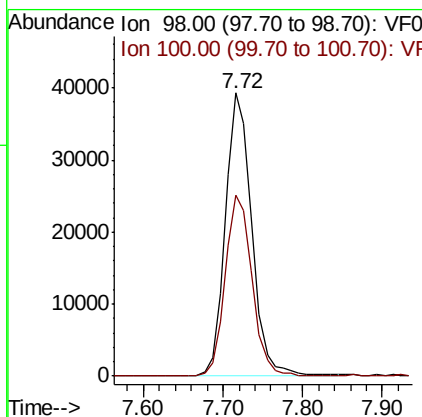
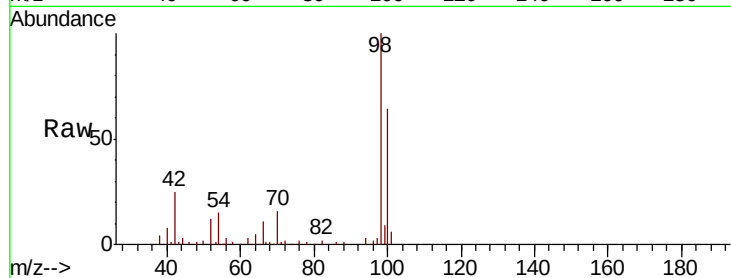




#50
Toluene-d8
Concen: 36.27 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059934.D
Acq: 8 Aug 2018 16:33

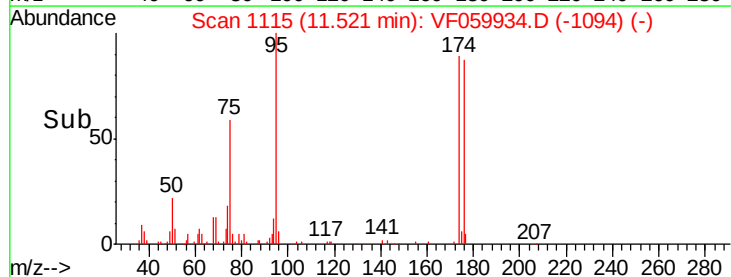
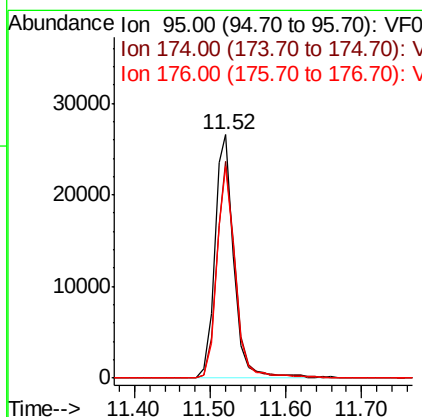
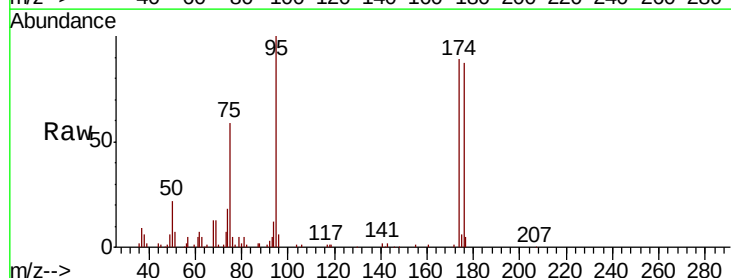
Instrument :
MSVOA_F
ClientSampleId :
CL-02-080718-C

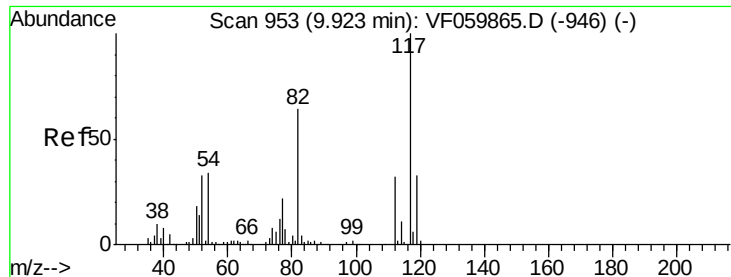
Tot Ion: 98 Resp: 91875
Ion Ratio Lower Upper
98 100
100 63.9 55.0 82.6



#62
4-Bromofluorobenzene
Concen: 33.14 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF059934.D
Acq: 8 Aug 2018 16:33

Tgt Ion: 95 Resp: 47167
Ion Ratio Lower Upper
95 100
174 88.9 0.0 151.6
176 86.7 0.0 149.8

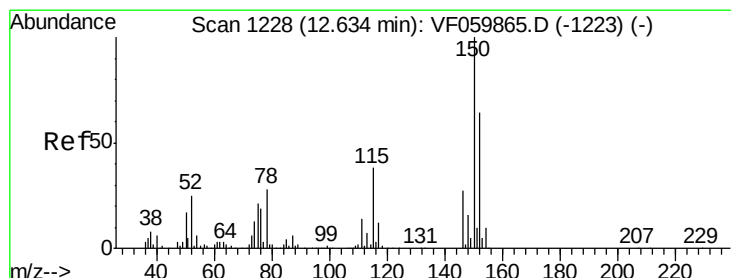
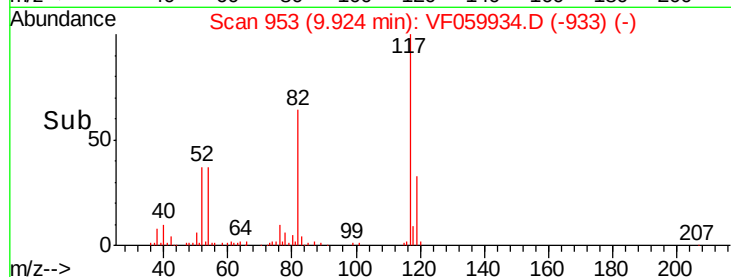
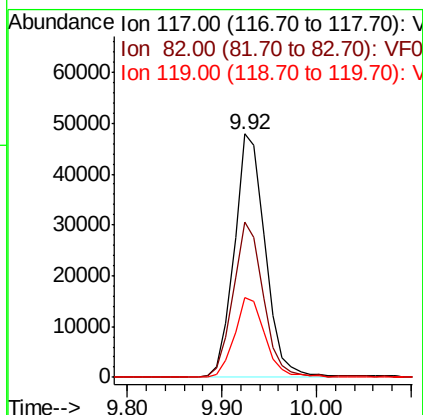
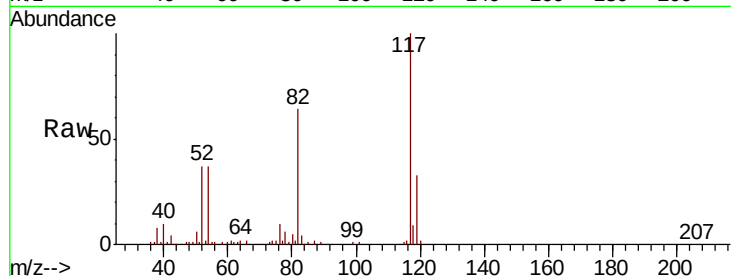




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059934.D
Acq: 8 Aug 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
CL-02-080718-C

Tot Ion:117 Resp: 108599
Ion Ratio Lower Upper
117 100
82 63.8 51.3 76.9
119 33.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059934.D
Acq: 8 Aug 2018 16:33

Tgt Ion:152 Resp: 58128
Ion Ratio Lower Upper
152 100
115 69.4 29.8 89.4
150 159.1 0.0 315.6

