

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059704.D
 Acq On : 31 Jul 2018 12:52
 Operator : VA/AP
 Sample : J4139-04
 Misc : 5.87g/5mL/MSVOA F/SOIL
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 G-4

Quant Time: Jul 31 14:08:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:19:18 2018
 Response via : Initial Calibration

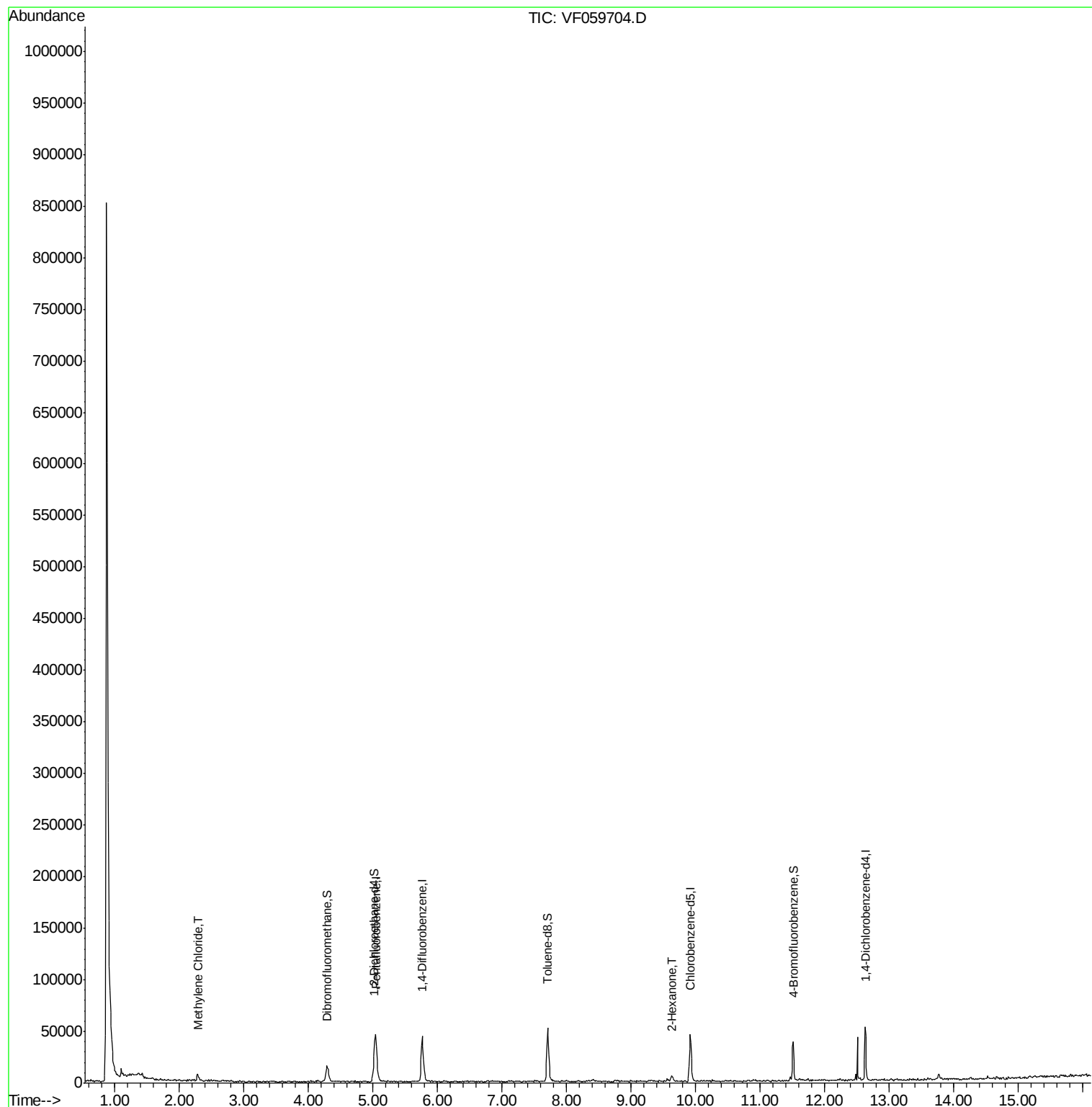
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	35511	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	40373	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	30829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	11885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	13469	21.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.20%	
35) Dibromofluoromethane	4.29	113	12845	30.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.26%	
50) Toluene-d8	7.71	98	40532	41.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.90%	
62) 4-Bromofluorobenzene	11.51	95	12938	23.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.80%	
Target Compounds						
20) Methylene Chloride	2.29	84	2395	2.874	ug/l #	61
59) 2-Hexanone	9.63	43	5162	35.077	ug/l	90

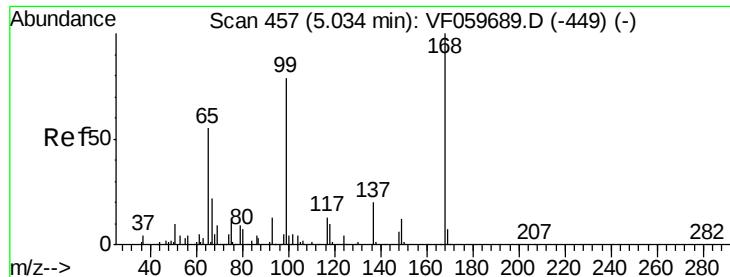
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:19:18 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059704.D

Acq: 31 Jul 2018 12:52

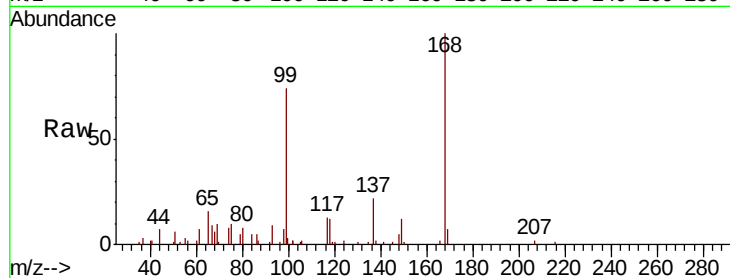
Instrument :
MSVOA_F
ClientSampled :
G-4

Tot Ion:168 Resp: 3511

Ion Ratio Lower Upper

168 100

99 73.9 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

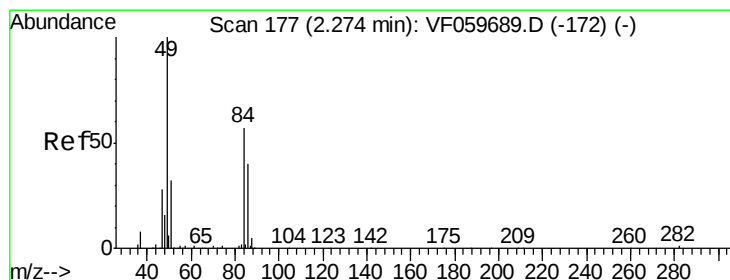
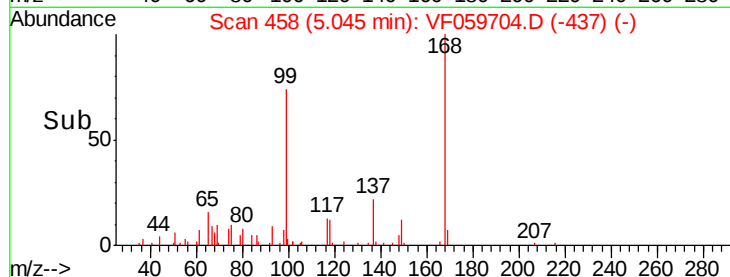
5.04

10000

5000

0

Time--> 4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 2.874 ug/l

RT: 2.29 min Scan# 179

Delta R.T. 0.02 min

Lab File: VF059704.D

Acq: 31 Jul 2018 12:52

Tgt Ion: 84 Resp: 2395

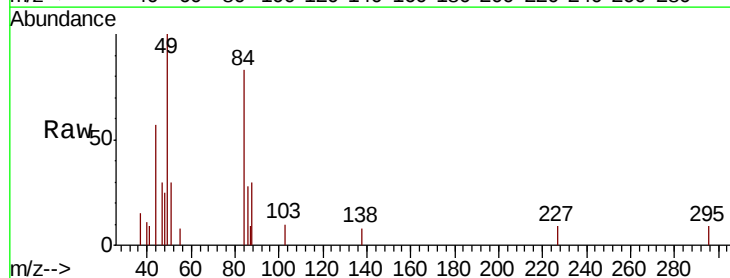
Ion Ratio Lower Upper

84 100

49 120.9 142.2 213.4#

51 35.9 46.2 69.2#

86 33.9 57.1 85.7#



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

2500

2000

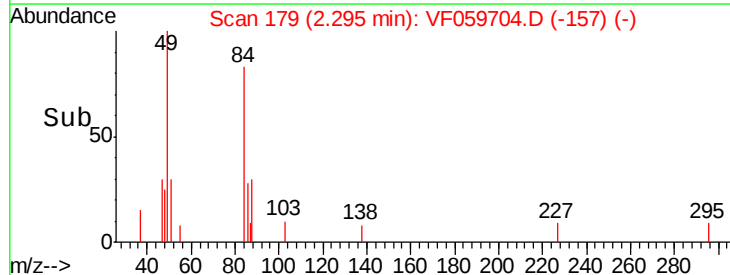
1500

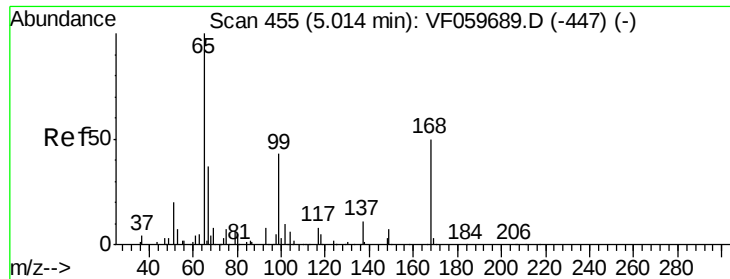
1000

500

0

Time--> 2.20 2.25 2.30 2.35

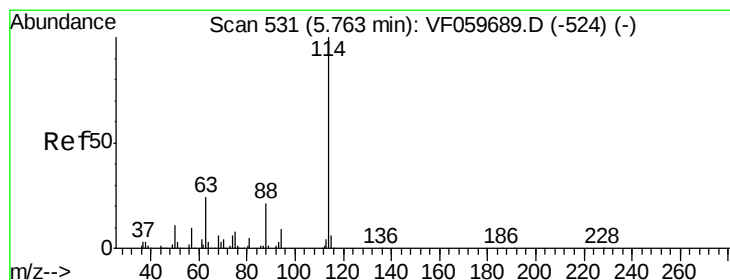
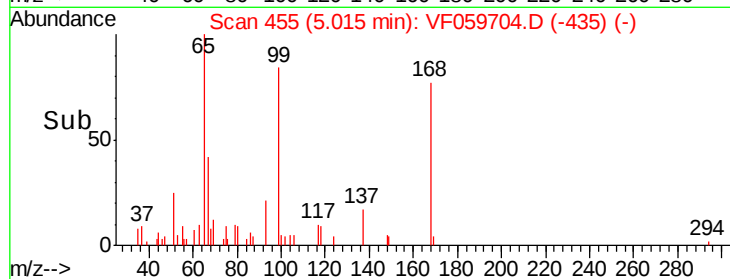
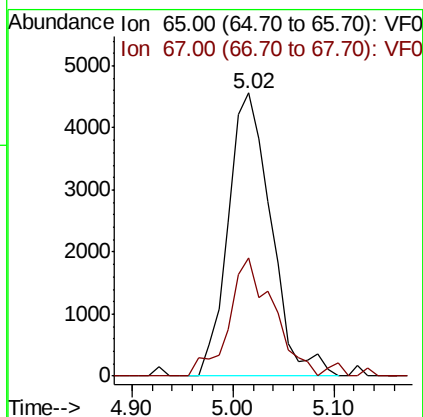
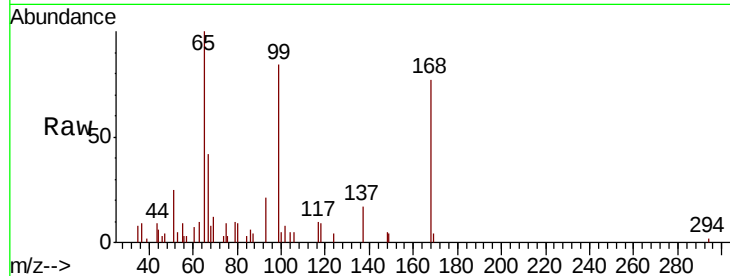




#33
 1,2-Dichloroethane-d4
 Concen: 21.105 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: VF059704.D
 Acq: 31 Jul 2018 12:52

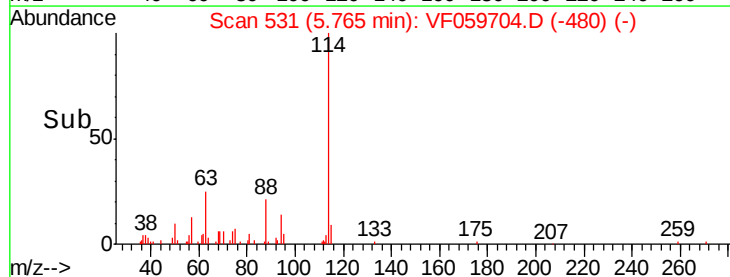
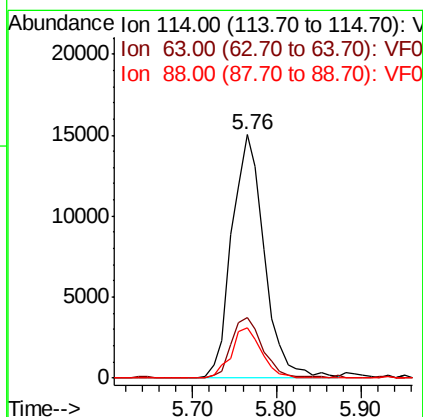
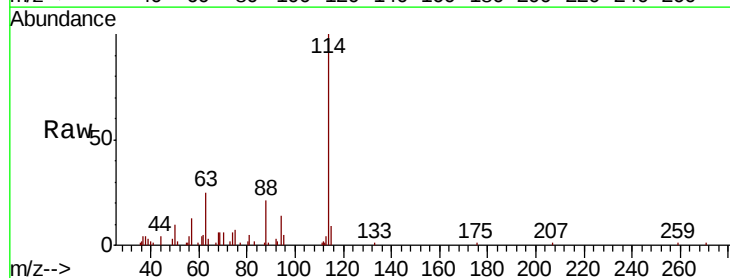
Instrument :
 MSVOA_F
 ClientSampled :
 G-4

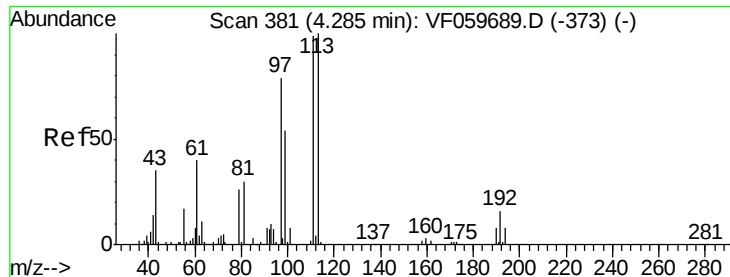
Tot Ion: 65 Resp: 13469
 Ion Ratio Lower Upper
 65 100
 67 41.9 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VF059704.D
 Acq: 31 Jul 2018 12:52

Tgt Ion: 114 Resp: 40373
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 47.4
 88 20.5 0.0 41.2

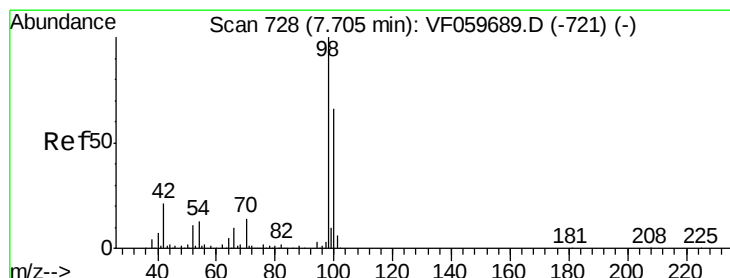
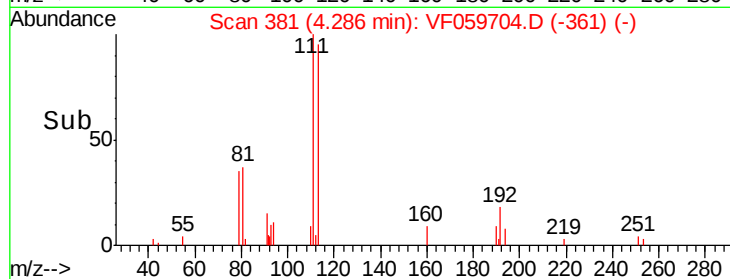
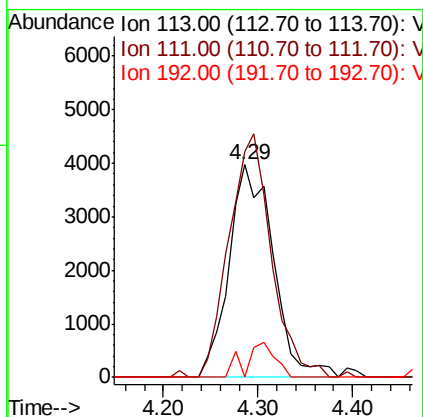
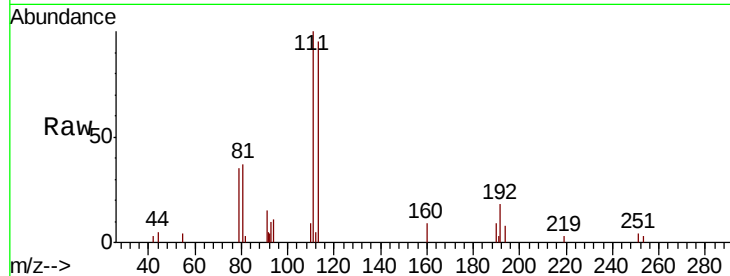




#35
 Dibromofluoromethane
 Concen: 30.632 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VF059704.D
 Acq: 31 Jul 2018 12:52

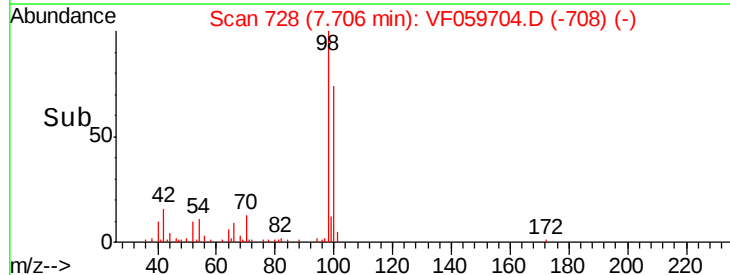
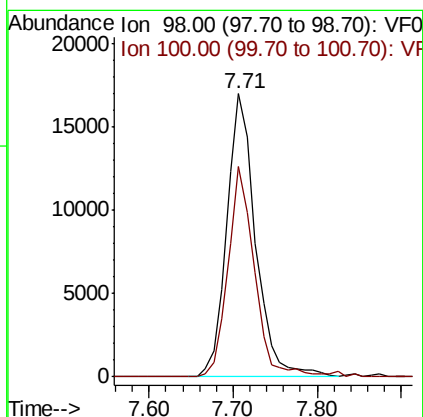
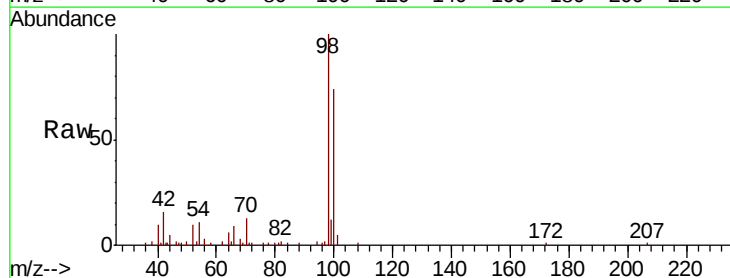
Instrument :
 MSVOA_F
 ClientSampled :
 G-4

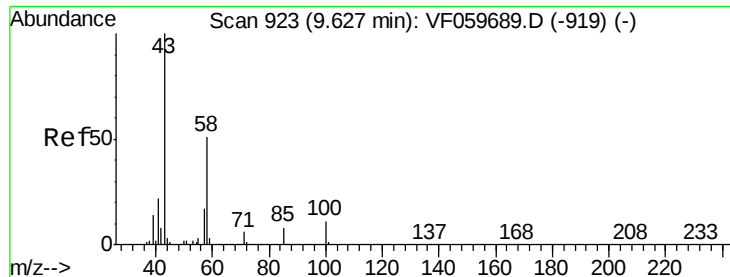
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.8	79.0	118.4
192	0.0	13.2	19.8



#50
 Toluene-d8
 Concen: 41.449 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VF059704.D
 Acq: 31 Jul 2018 12:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	74.3	52.8	79.2

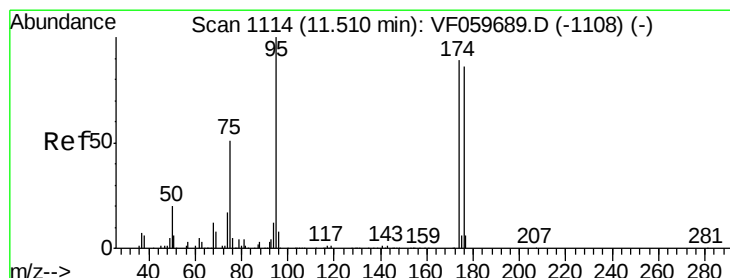
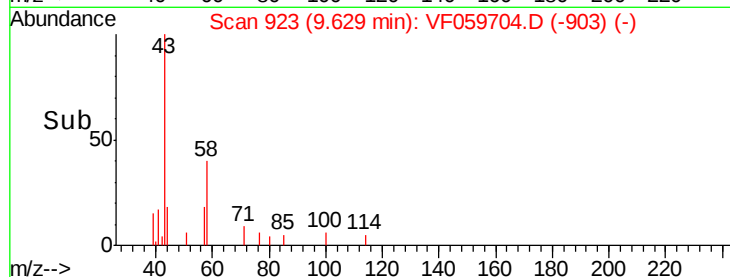
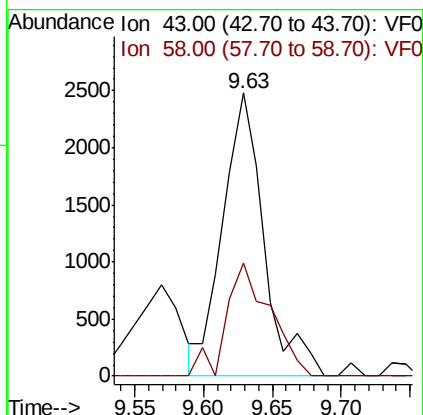
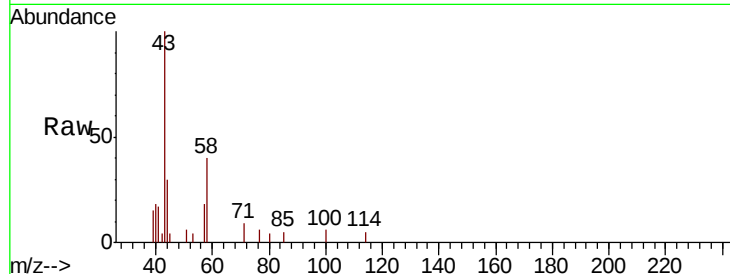




#59
2-Hexanone
Concen: 35.077 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.00 min
Lab File: VF059704.D
Acq: 31 Jul 2018 12:52

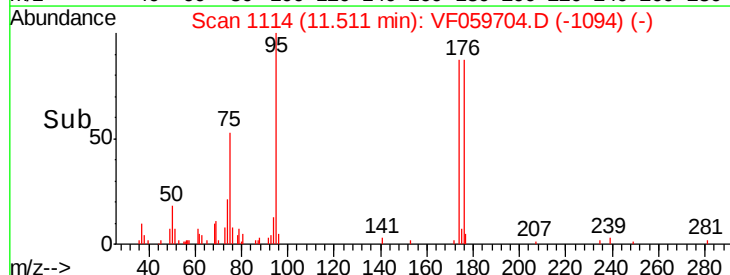
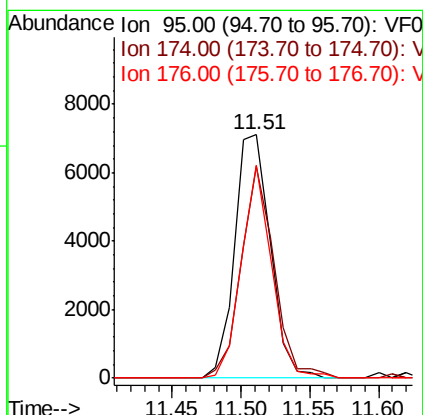
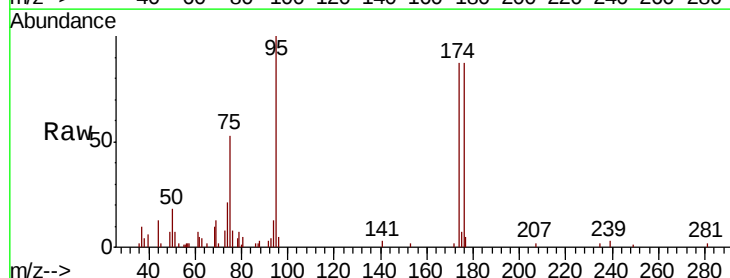
Instrument :
MSVOA_F
ClientSampled :
G-4

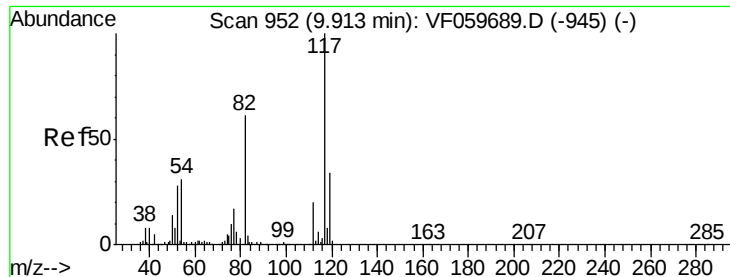
Tot Ion: 43 Resp: 5162
Ion Ratio Lower Upper
43 100
58 39.9 23.3 69.8



#62
4-Bromofluorobenzene
Concen: 23.899 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059704.D
Acq: 31 Jul 2018 12:52

Tgt Ion: 95 Resp: 12938
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.4
176 87.5 0.0 173.0

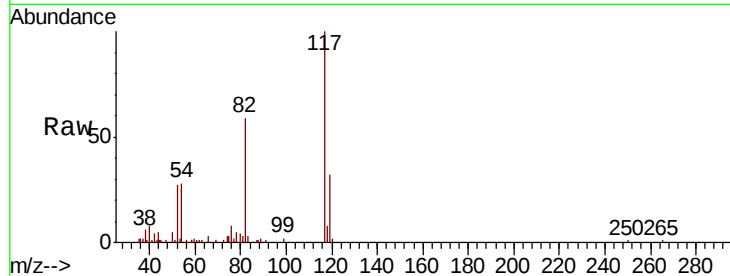




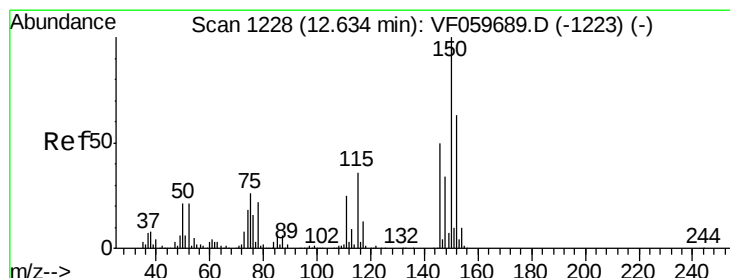
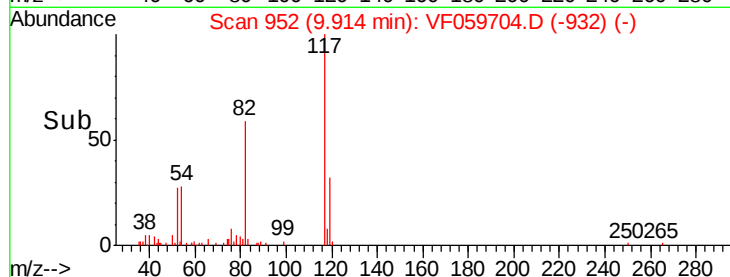
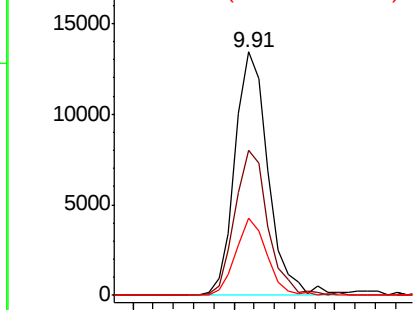
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059704.D
Acq: 31 Jul 2018 12:52

Instrument :
MSVOA_F
ClientSampleId :
G-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.4	49.0	73.4
119	31.9	27.3	40.9

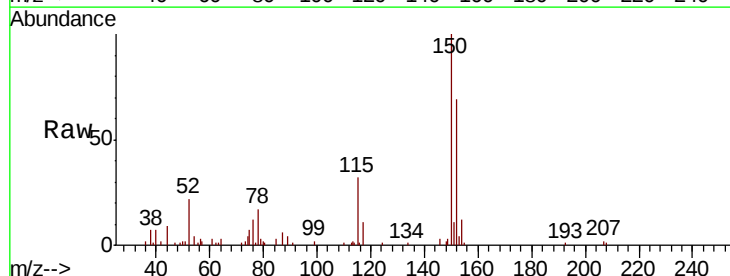


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059704.D
Acq: 31 Jul 2018 12:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	45.5	28.2	84.6
150	144.0	0.0	316.2



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

