

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059391.D
 Acq On : 2 Jul 2018 17:09
 Operator : VA/AP
 Sample : J3802-05
 Misc : 5.83g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-5(6.0)

Quant Time: Jul 03 11:50:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

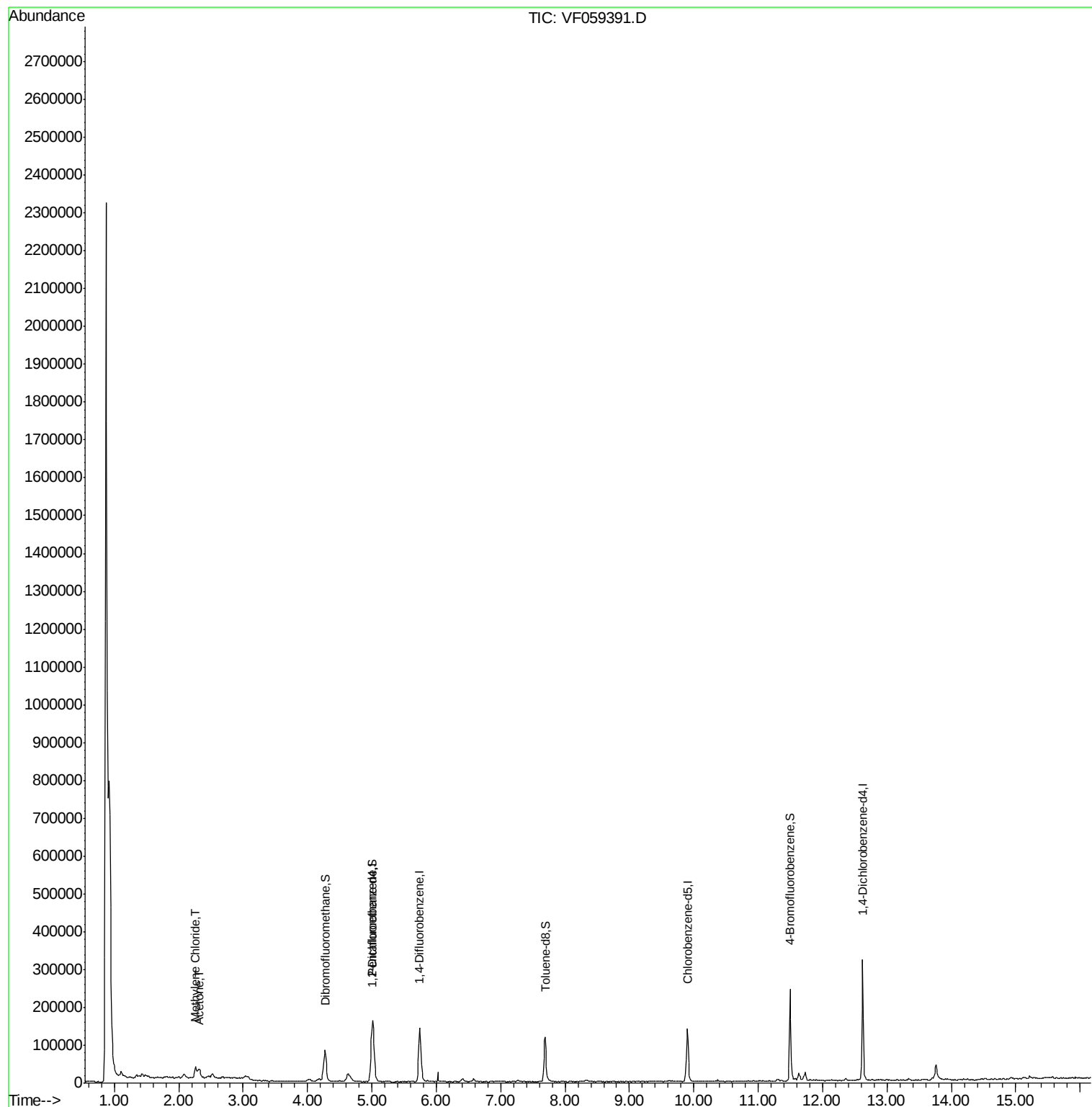
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	99425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	152043	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	98081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	73529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	85999	66.95	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	133.90%	
35) Dibromofluoromethane	4.27	113	75106	67.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.22%	
50) Toluene-d8	7.69	98	98169	35.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.38%	
62) 4-Bromofluorobenzene	11.50	95	80112	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
Target Compounds						
16) Acetone	2.33	43	22814	63.50	ug/l	96
20) Methylene Chloride	2.27	84	18417	21.33	ug/l #	84

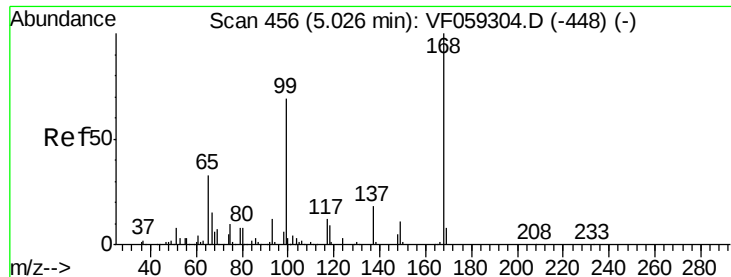
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059391.D

Acq: 2 Jul 2018 17:09

Instrument :

MSVOA_F

ClientSampleId :

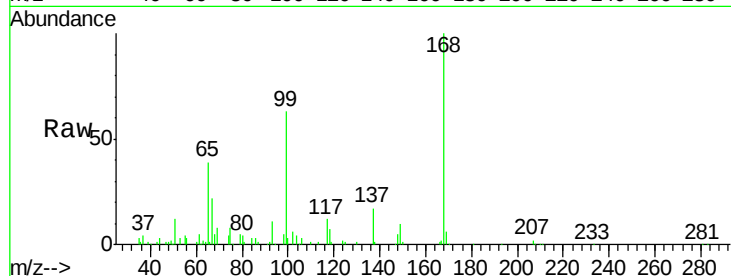
CF-5(6.0)

Tot Ion:168 Resp: 99425

Ion Ratio Lower Upper

168 100

99 62.6 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

40000

30000

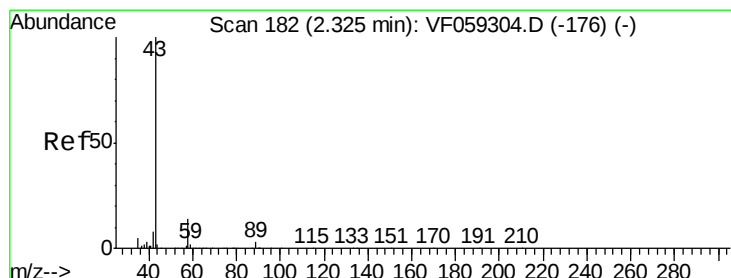
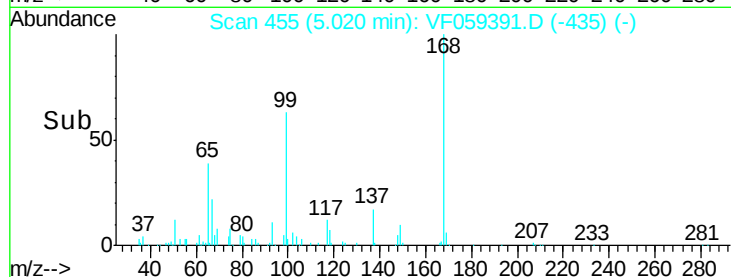
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 63.50 ug/l

RT: 2.33 min Scan# 182

Delta R.T. 0.00 min

Lab File: VF059391.D

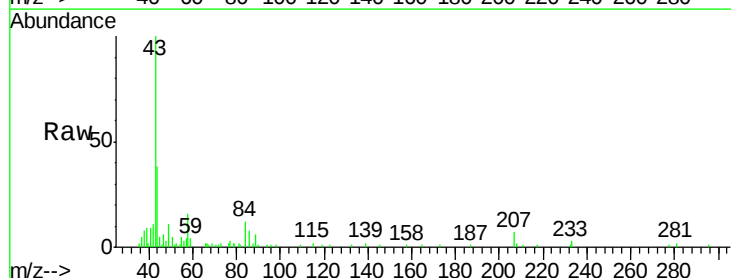
Acq: 2 Jul 2018 17:09

Tgt Ion: 43 Resp: 22814

Ion Ratio Lower Upper

43 100

58 16.0 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

10000

8000

6000

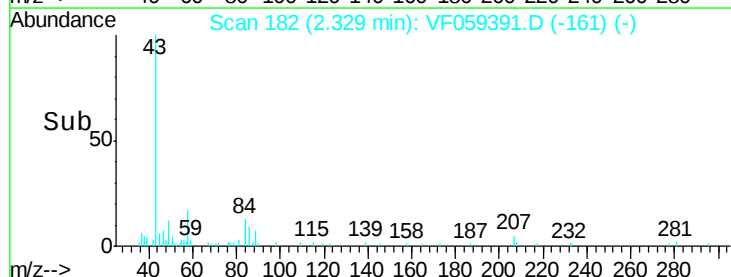
4000

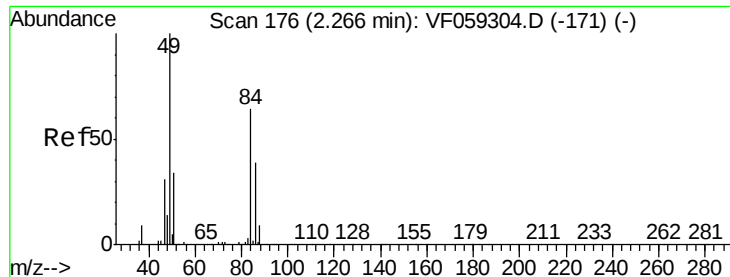
2000

0

2.20 2.30 2.40

Time-->

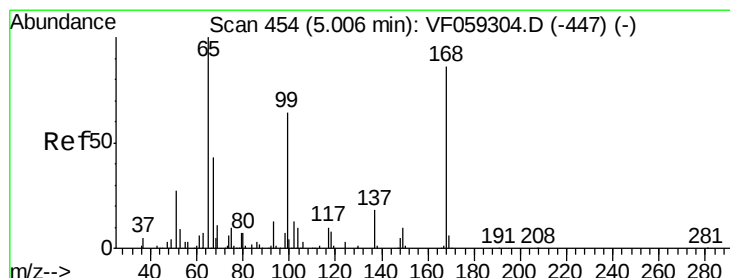
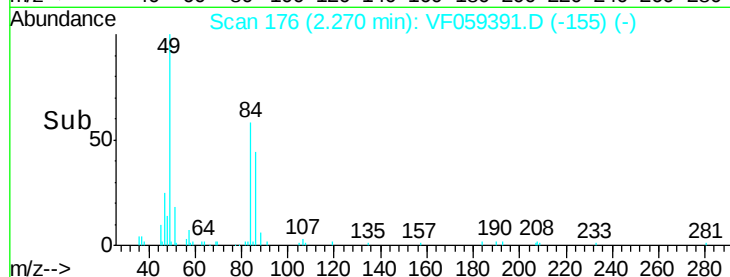
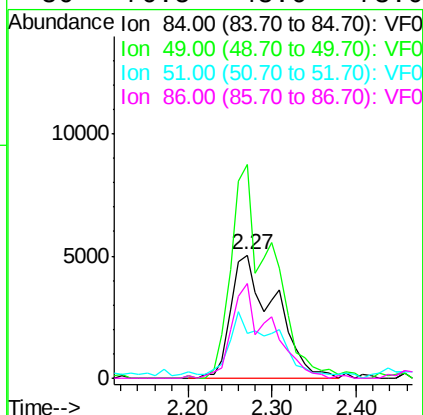
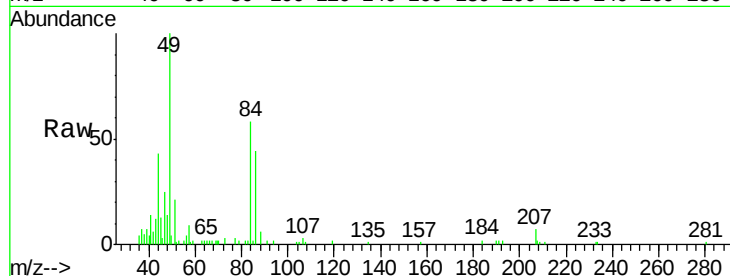




#20
Methvlene Chloride
Concen: 21.33 ug/l
RT: 2.27 min Scan# 176
Delta R.T. 0.00 min
Lab File: VF059391.D
Acq: 2 Jul 2018 17:09

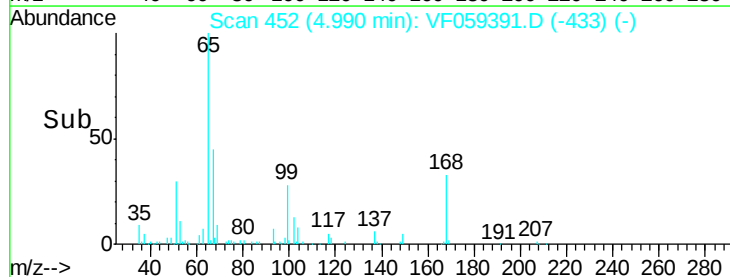
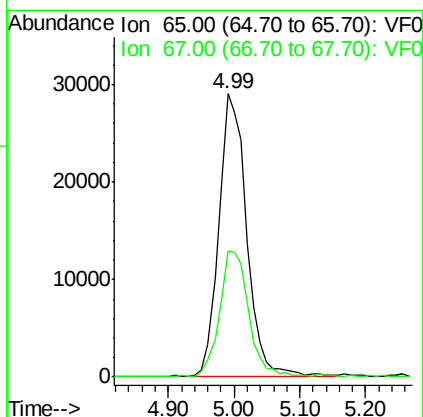
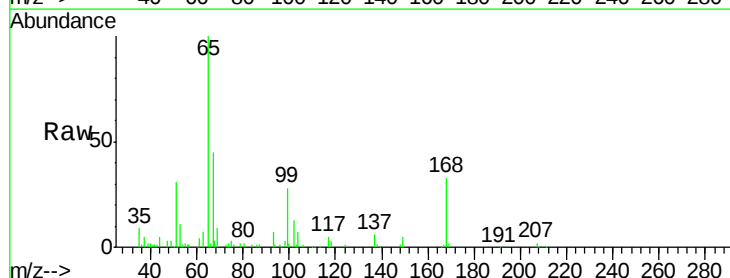
Instrument :
MSVOA_F
ClientSampleId :
CF-5(6.0)

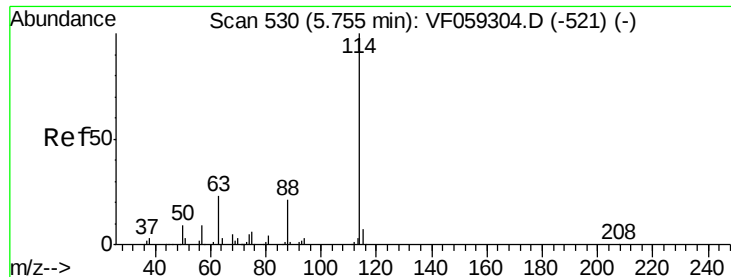
Tot Ion	84	Resp	18417
Ion Ratio	Lower	Upper	
84	100		
49	173.0	126.5	189.7
51	36.3	42.9	64.3#
86	76.5	48.6	73.0#



#33
1,2-Dichloroethane-d4
Concen: 66.95 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.02 min
Lab File: VF059391.D
Acq: 2 Jul 2018 17:09

Tgt Ion	65	Resp	85999
Ion Ratio	Lower	Upper	
65	100		
67	44.6	0.0	96.8

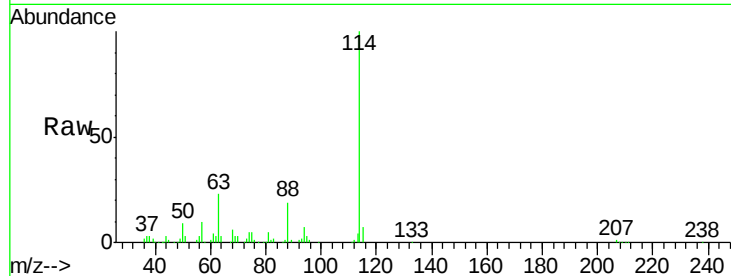




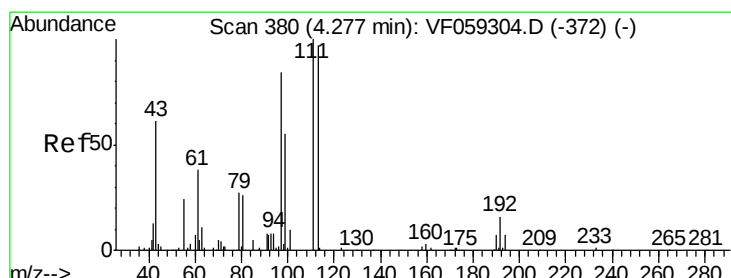
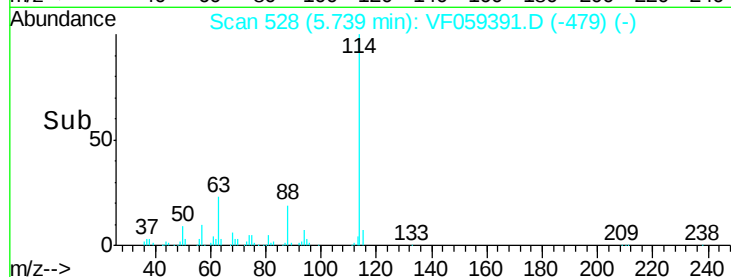
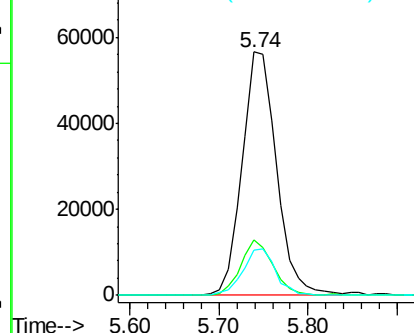
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.74 min Scan# 528
Delta R.T. -0.02 min
Lab File: VF059391.D
Acq: 2 Jul 2018 17:09

Instrument :
MSVOA_F
ClientSampleId :
CF-5(6.0)

Tot Ion:114 Resp: 152043
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.8
88 18.6 0.0 41.2

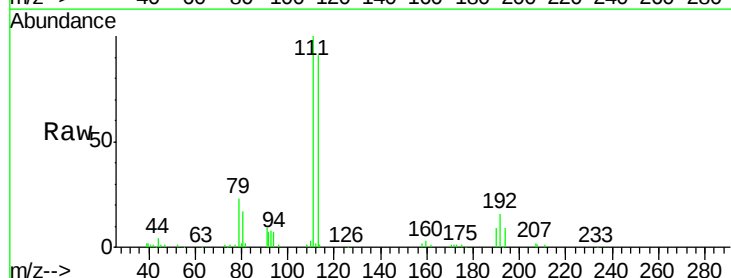


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

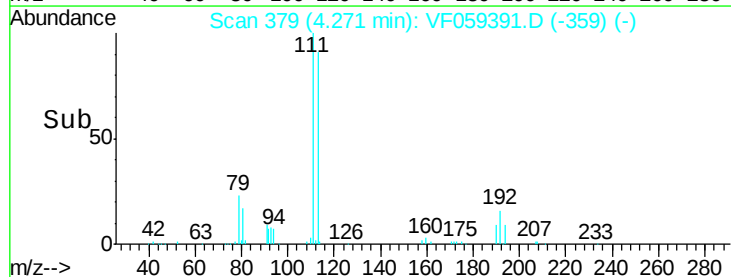
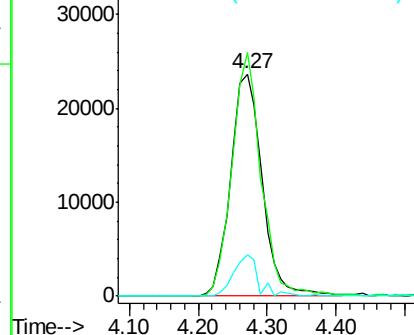


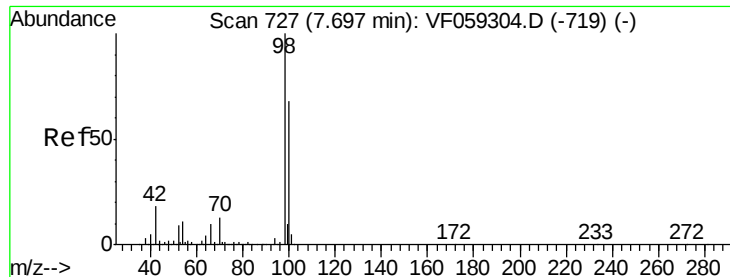
#35
Dibromofluoromethane
Concen: 67.61 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059391.D
Acq: 2 Jul 2018 17:09

Tgt Ion:113 Resp: 75106
Ion Ratio Lower Upper
113 100
111 109.6 82.1 123.1
192 18.4 13.0 19.6



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

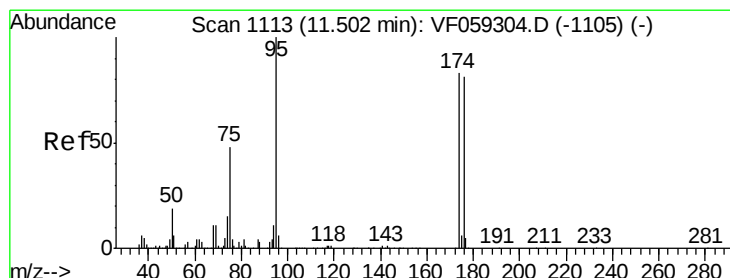
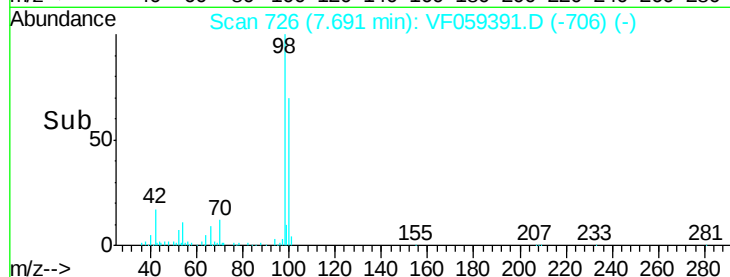
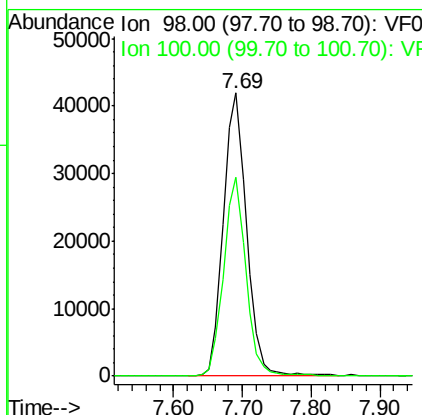
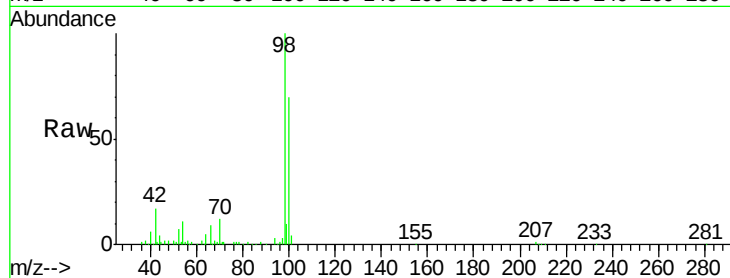




#50
Toluene-d8
Concen: 35.69 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF059391.D
Acq: 2 Jul 2018 17:09

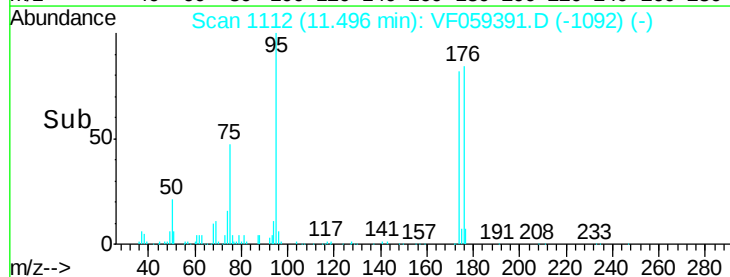
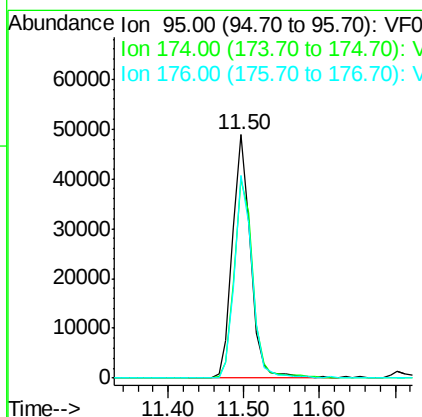
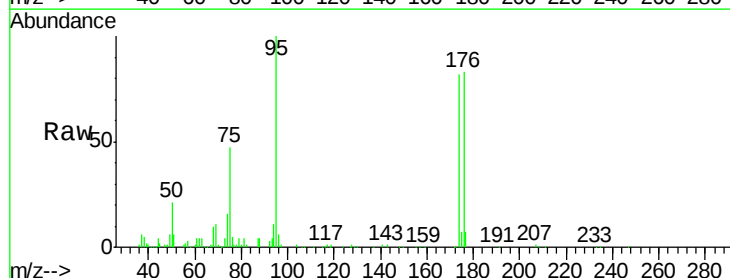
Instrument :
MSVOA_F
ClientSampleId :
CF-5(6.0)

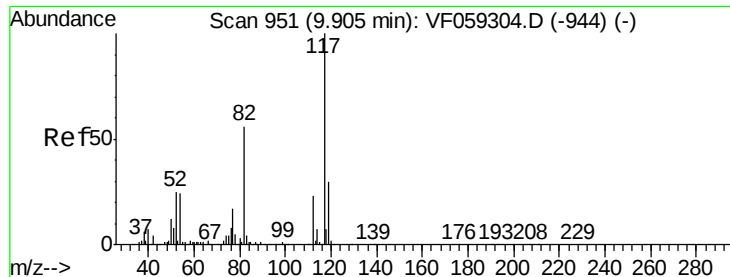
Tot Ion: 98 Resp: 98169
Ion Ratio Lower Upper
98 100
100 70.1 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 51.63 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059391.D
Acq: 2 Jul 2018 17:09

Tgt Ion: 95 Resp: 80112
Ion Ratio Lower Upper
95 100
174 81.8 0.0 165.2
176 83.5 0.0 161.0

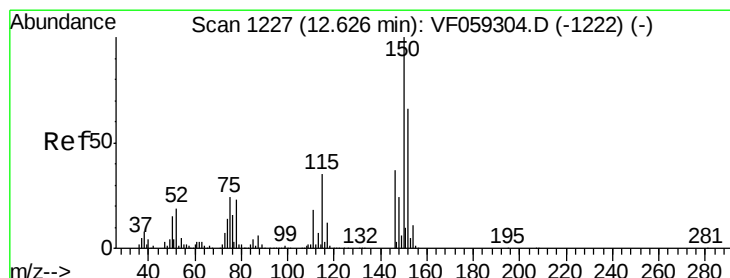
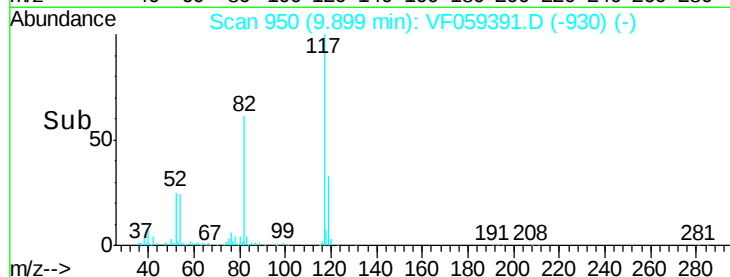
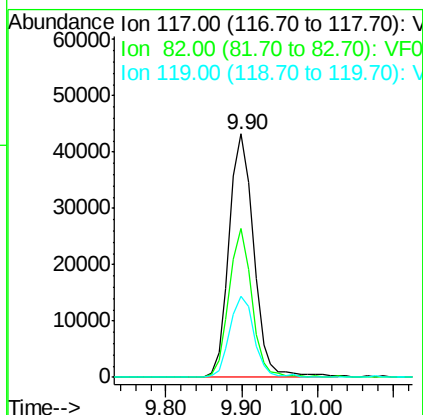
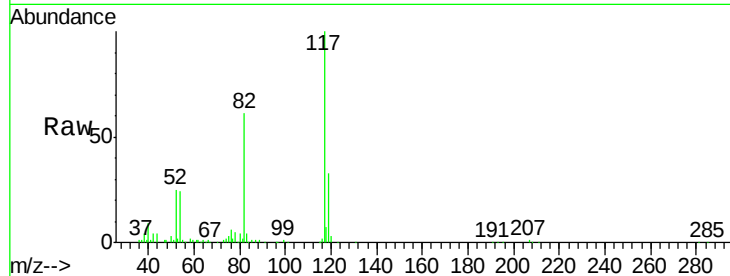




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059391.D
Acq: 2 Jul 2018 17:09

Instrument :
MSVOA_F
ClientSampleId :
CF-5(6.0)

Tot Ion	Ion	Ratio	Lower	Upper
117	117	100		
82	82	61.0	44.6	66.8
119	119	33.4	24.1	36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059391.D
Acq: 2 Jul 2018 17:09

Tgt Ion	Ion	Ratio	Lower	Upper
152	152	100		
115	115	59.3	27.1	81.3
150	150	152.7	0.0	305.2

