

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060105.D
 Acq On : 24 Aug 2018 17:39
 Operator : VA/AP
 Sample : J4607-02
 Misc : 10.68g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SAHARA-BPM

Quant Time: Aug 25 04:56:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

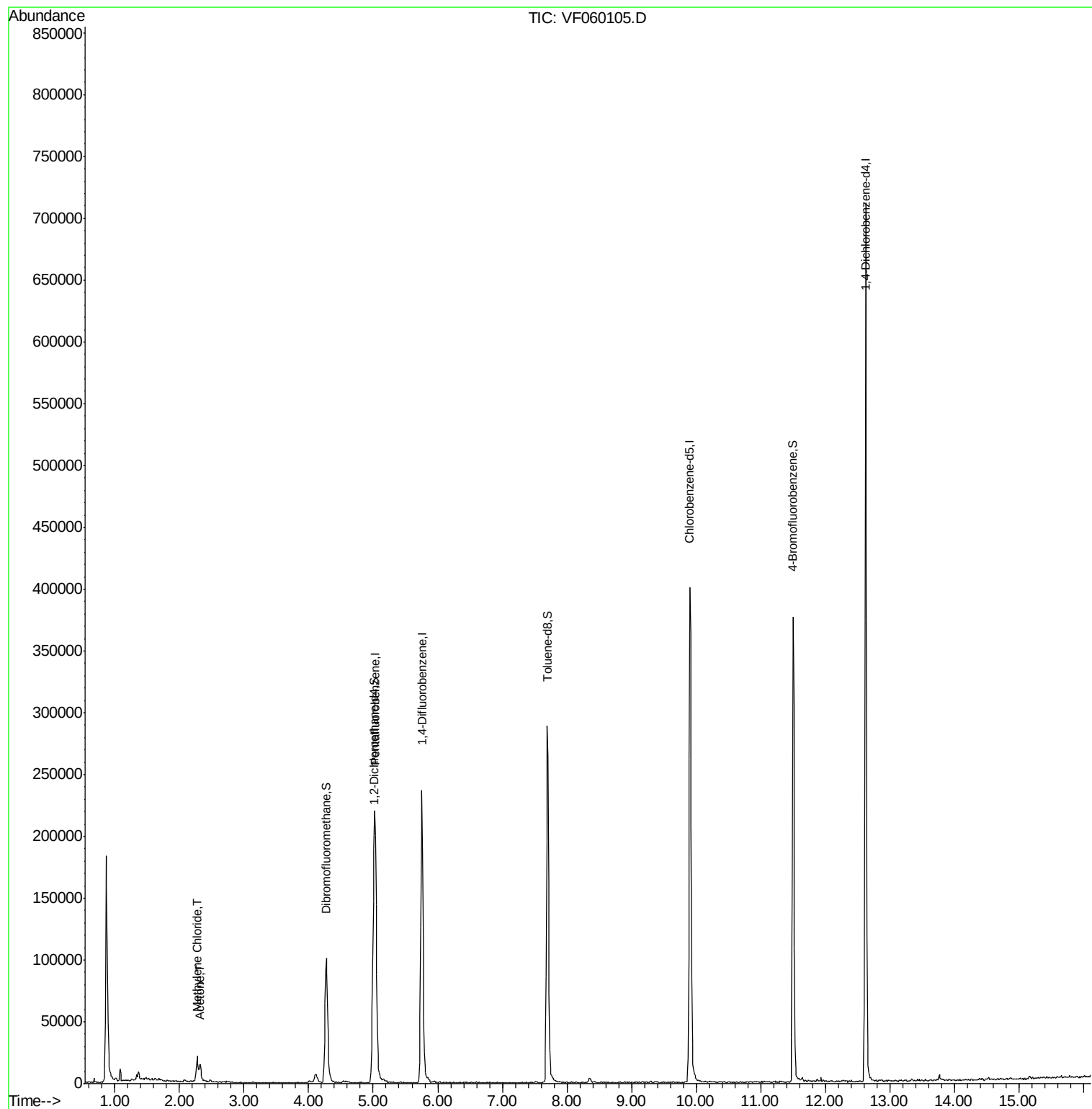
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	163905	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	240440	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	282832	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	167872	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	92983	41.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.90%	
35) Dibromofluoromethane	4.28	113	92154	48.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	7.70	98	238631	44.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.00%	
62) 4-Bromofluorobenzene	11.50	95	128895	45.44	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
16) Acetone	2.32	43	16038	27.20	ug/l	# 92
20) Methylene Chloride	2.27	84	10363	4.23	ug/l	85

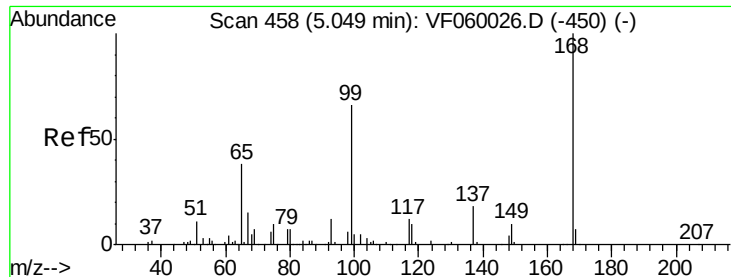
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060105.D

Acq: 24 Aug 2018 17:39

Instrument :

MSVOA_F

ClientSampleId :

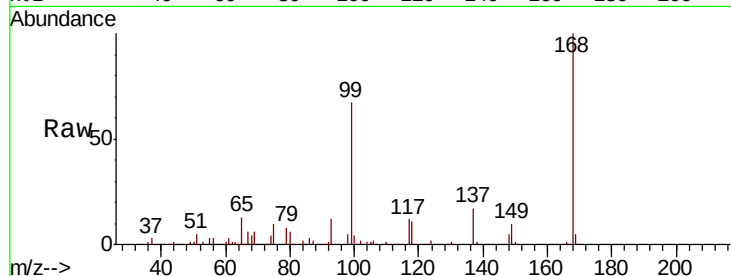
SAHARA-BPM

Tot Ion:168 Resp: 163905

Ion Ratio Lower Upper

168 100

99 66.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

50000

40000

30000

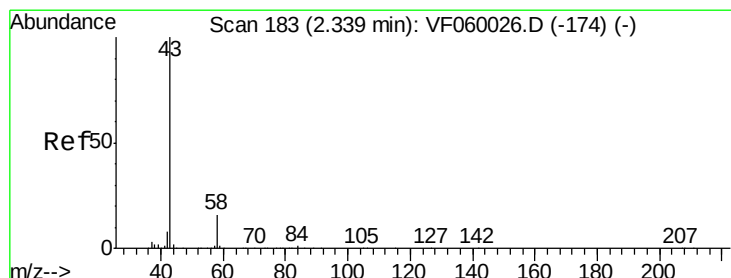
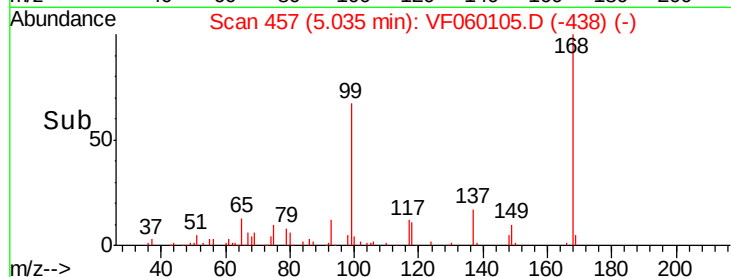
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 27.20 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF060105.D

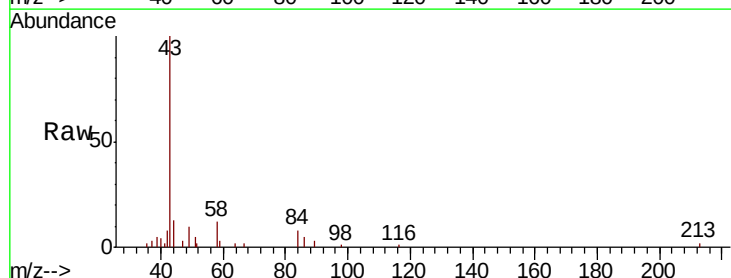
Acq: 24 Aug 2018 17:39

Tgt Ion: 43 Resp: 16038

Ion Ratio Lower Upper

43 100

58 12.3 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

8000

6000

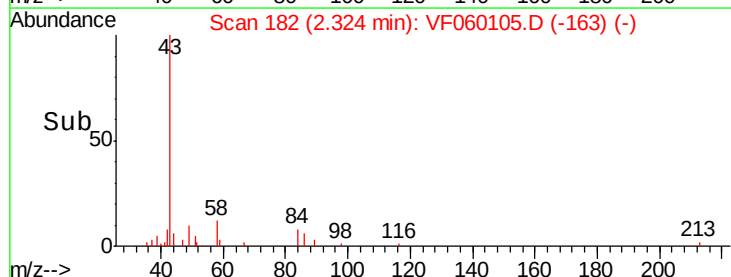
4000

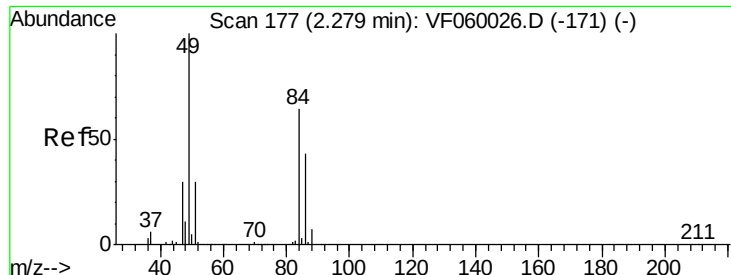
2000

0

2.30 2.40

Time-->

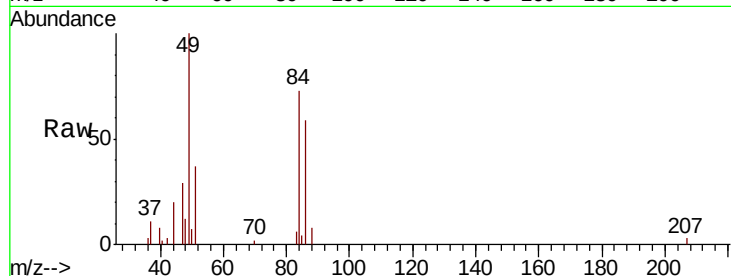




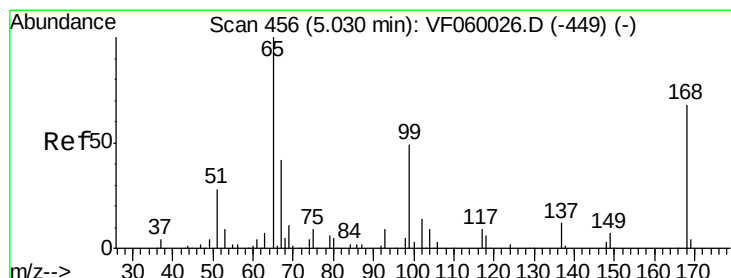
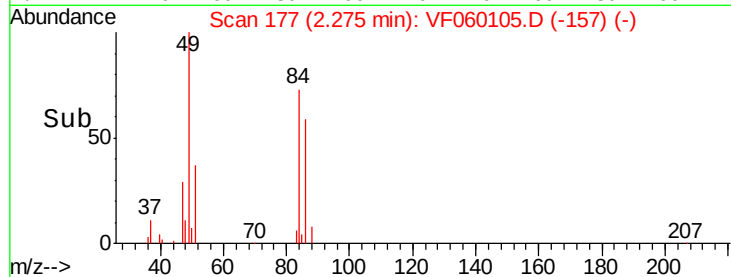
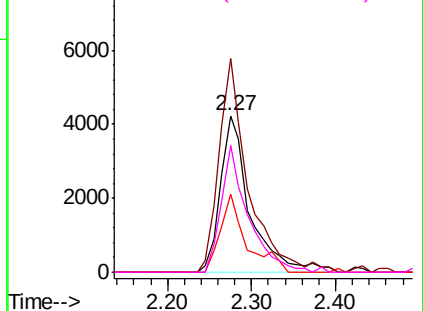
#20
Methylene Chloride
Concen: 4.23 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF060105.D
Acq: 24 Aug 2018 17:39

Instrument :
MSVOA_F
ClientSampleId :
SAHARA-BPM

Tot Ion:	84	Resp:	10363
Ion	Ratio	Lower	Upper
84	100		
49	129.9	125.4	188.0
51	47.5	38.3	57.5
86	77.0	53.3	79.9

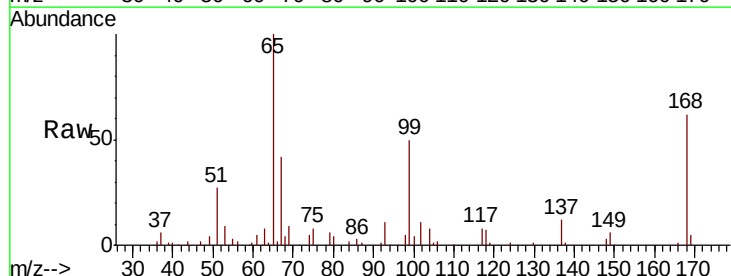


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

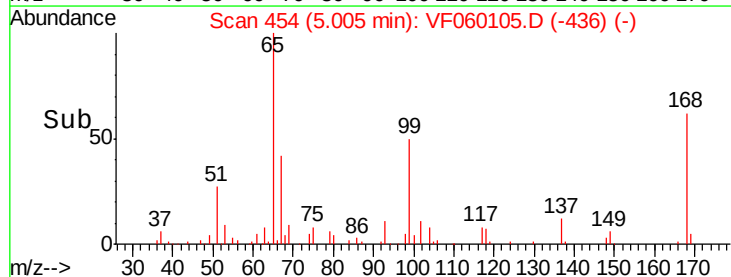
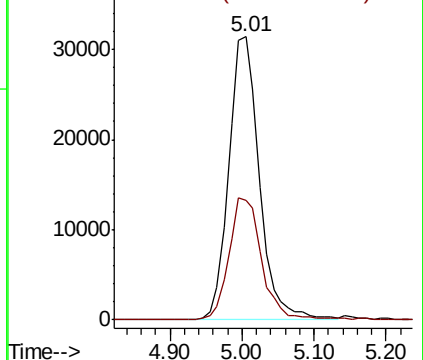


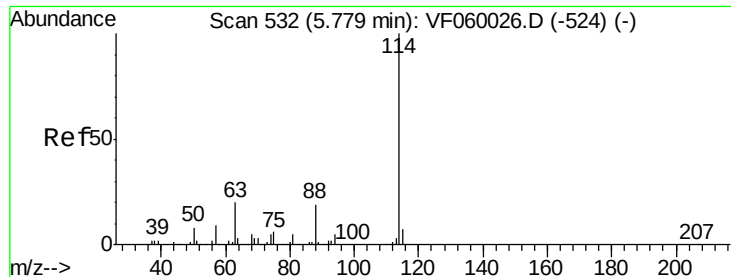
#33
1,2-Dichloroethane-d4
Concen: 41.45 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF060105.D
Acq: 24 Aug 2018 17:39

Tgt Ion:	65	Resp:	92983
Ion	Ratio	Lower	Upper
65	100		
67	42.0	0.0	92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0

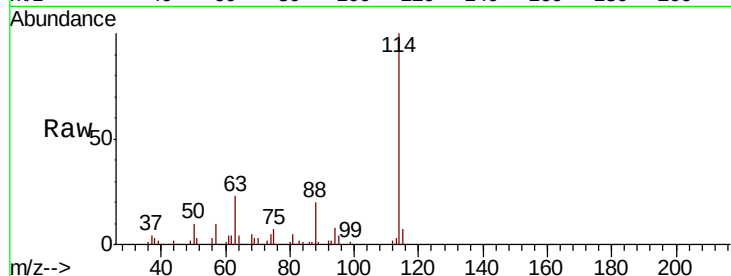




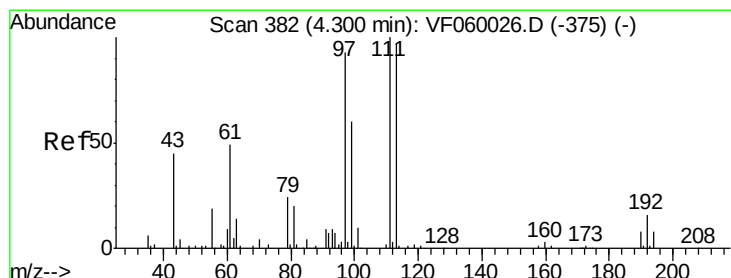
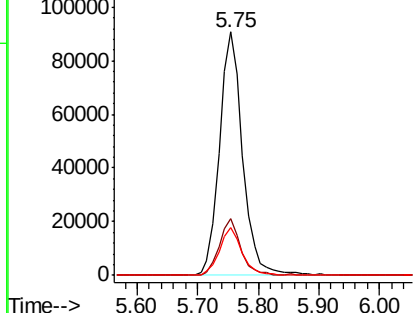
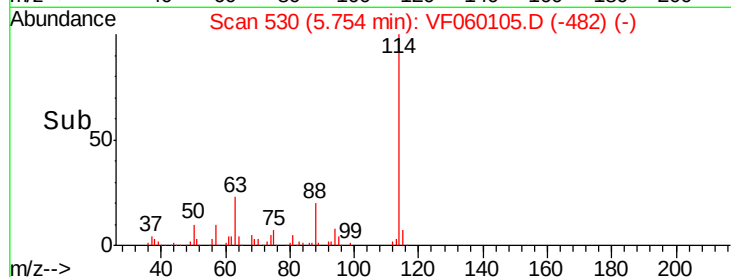
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF060105.D
 Acq: 24 Aug 2018 17:39

Instrument :
 MSVOA_F
 ClientSampleId :
 SAHARA-BPM

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	40.4
88	19.6	0.0	38.6

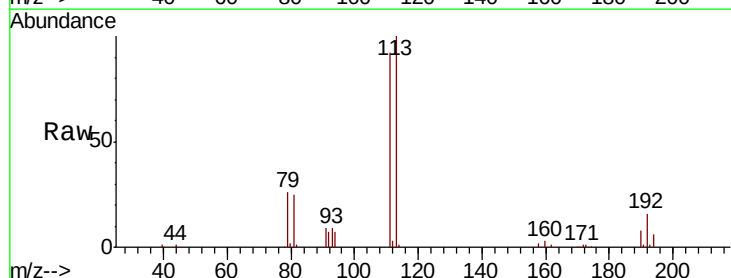


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

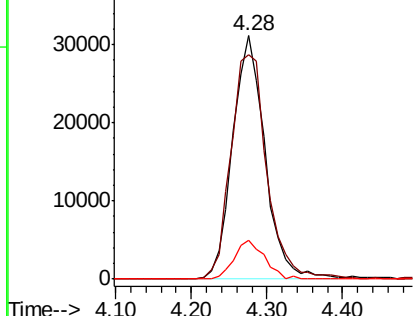
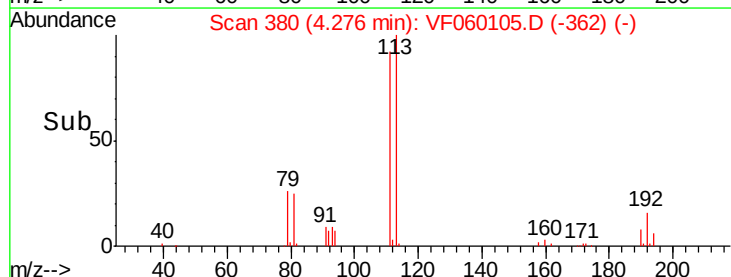


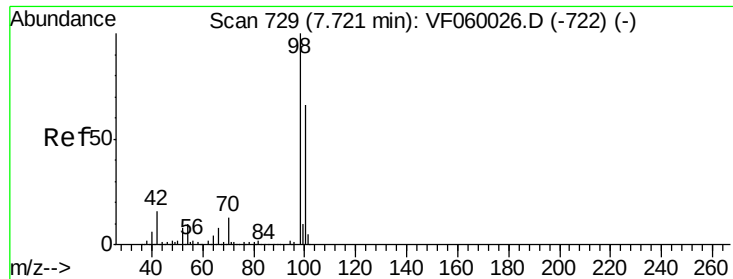
#35
 Dibromofluoromethane
 Concen: 48.81 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF060105.D
 Acq: 24 Aug 2018 17:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	92.0	82.7	124.1
192	16.2	13.0	19.4



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

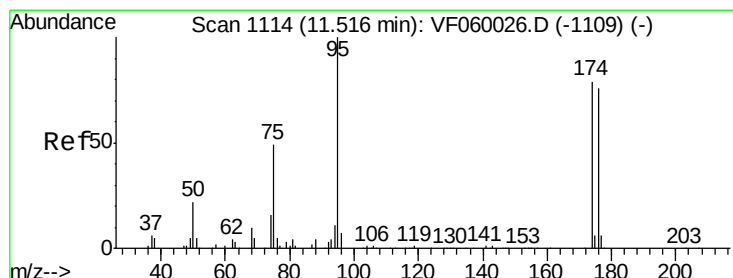
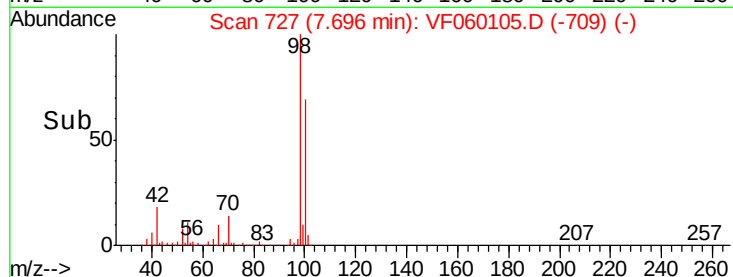
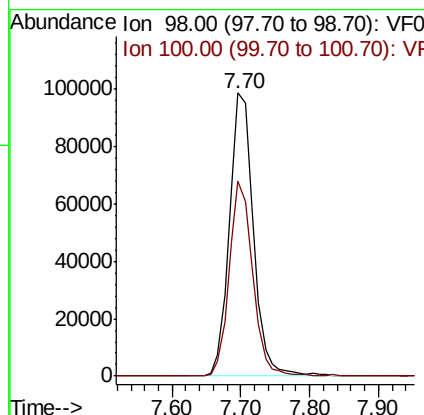
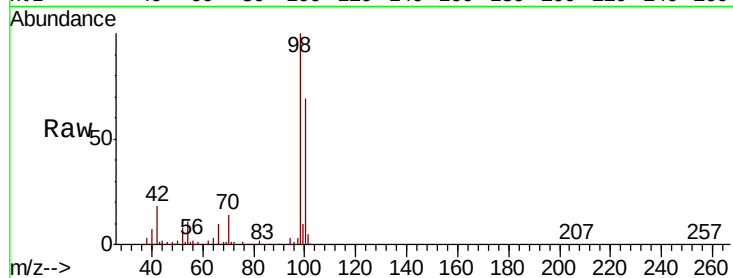




#50
Toluene-d8
Concen: 44.50 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060105.D
Acq: 24 Aug 2018 17:39

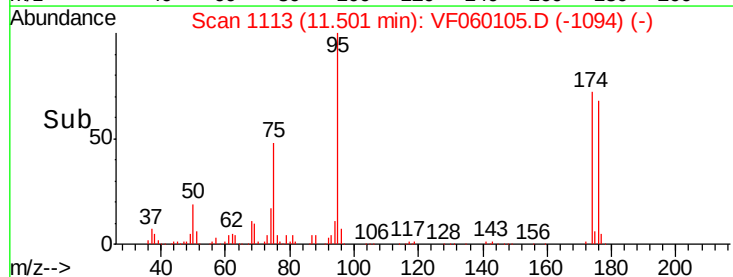
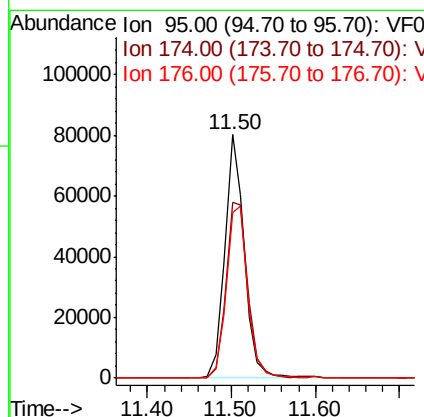
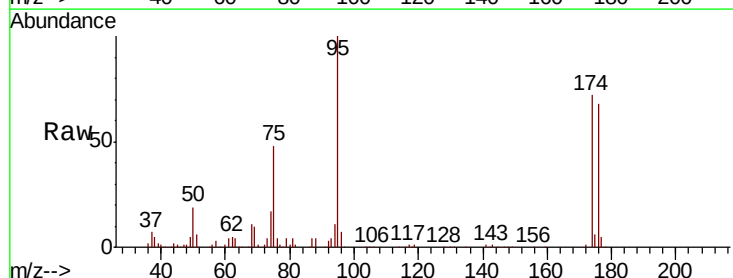
Instrument :
MSVOA_F
ClientSampleId :
SAHARA-BPM

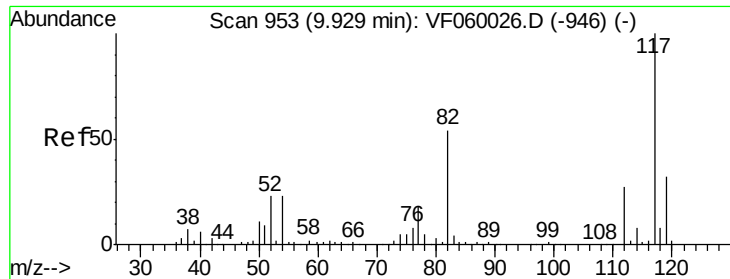
Tot Ion: 98 Resp: 238631
Ion Ratio Lower Upper
98 100
100 69.0 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 45.44 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060105.D
Acq: 24 Aug 2018 17:39

Tgt Ion: 95 Resp: 128895
Ion Ratio Lower Upper
95 100
174 72.1 0.0 158.4
176 68.0 0.0 153.0

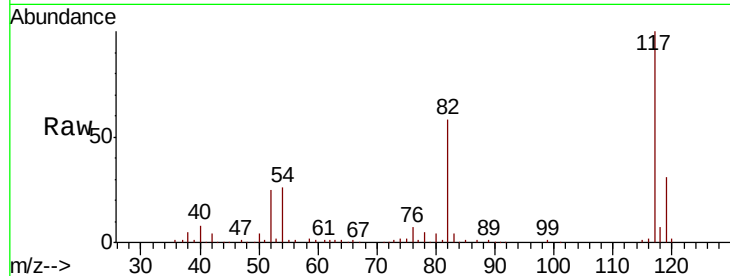




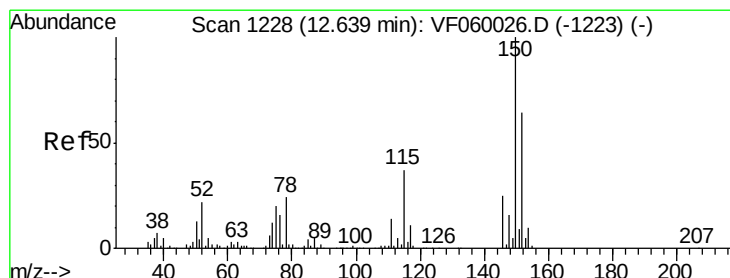
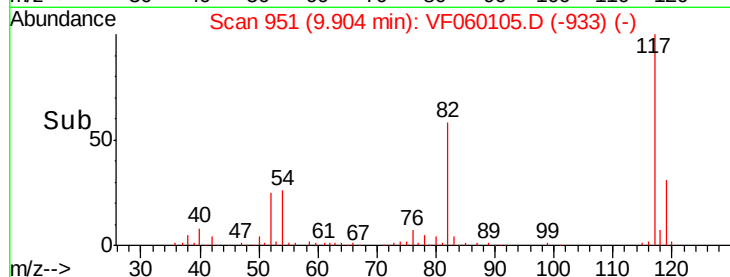
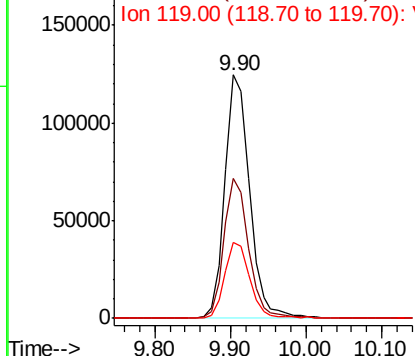
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060105.D
Acq: 24 Aug 2018 17:39

Instrument :
MSVOA_F
ClientSampleId :
SAHARA-BPM

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.6	65.4
119	31.4	25.6	38.4

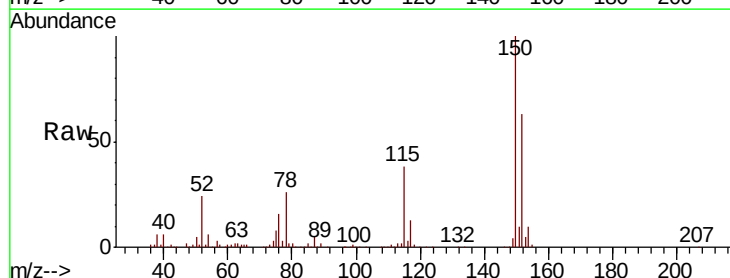


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060105.D
Acq: 24 Aug 2018 17:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	28.6	85.9
150	157.9	0.0	312.0



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

