

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060104.D
 Acq On : 24 Aug 2018 17:11
 Operator : VA/AP
 Sample : J4606-02
 Misc : 8.11g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-03-002-ABCD

Quant Time: Aug 25 04:45:01 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	5.04	168	107616	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	168823	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	171522	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	97763	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	68581	46.56	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.12%	
35) Dibromofluoromethane	4.28	113	61749	46.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	7.70	98	167093	44.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.76%	
62) 4-Bromofluorobenzene	11.50	95	77196	38.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.52%	

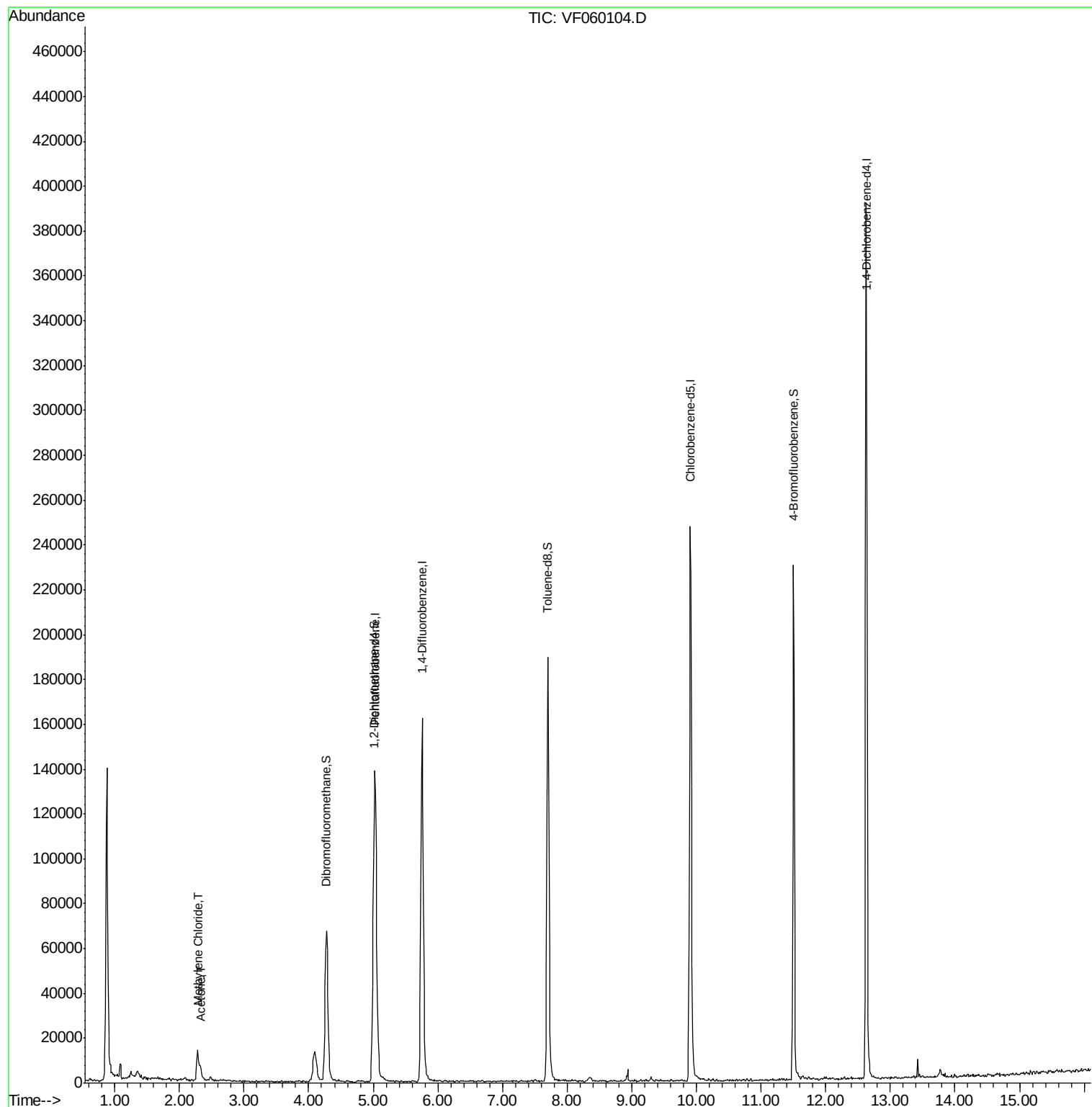
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	4243	10.96	ug/l #	85
20) Methylene Chloride	2.29	84	8009	5.99	ug/l #	87

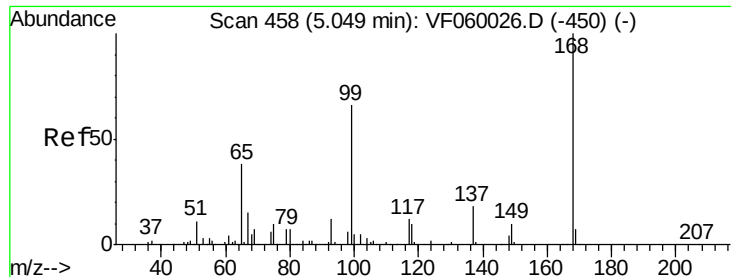
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060104.D

Acq: 24 Aug 2018 17:11

Instrument :

MSVOA_F

ClientSampleId :

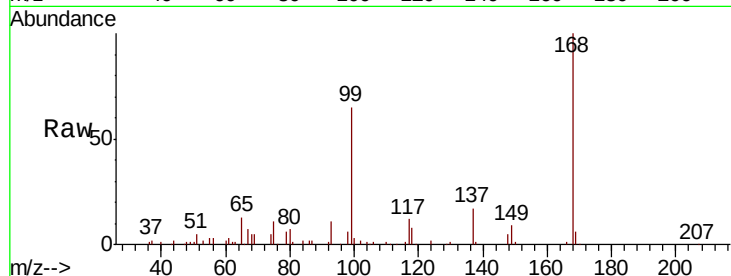
FK-BPM-03-002-ABCD

Tot Ion:168 Resp: 107616

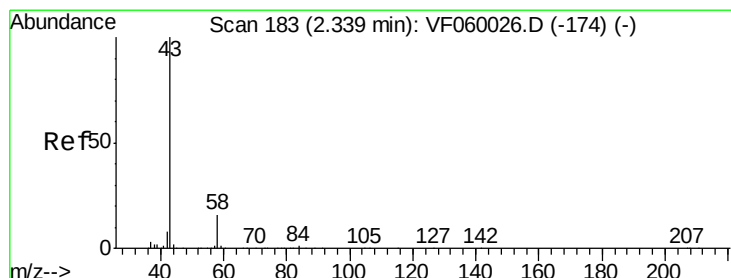
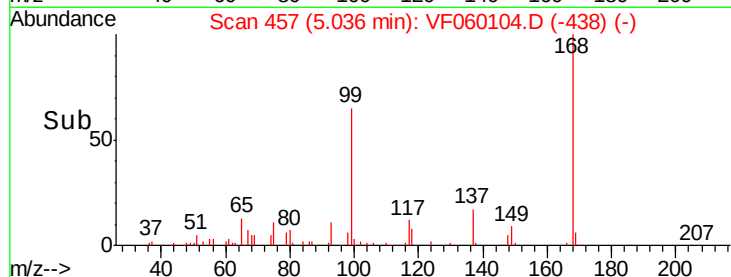
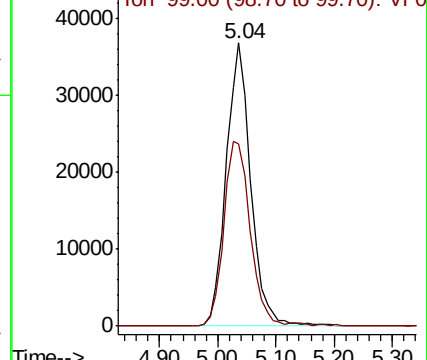
Ion Ratio Lower Upper

168 100

99 64.6 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 10.96 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF060104.D

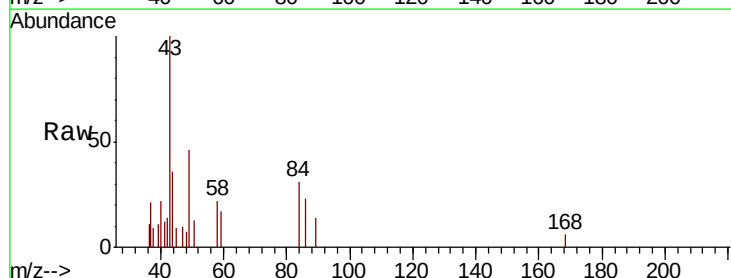
Acq: 24 Aug 2018 17:11

Tgt Ion: 43 Resp: 4243

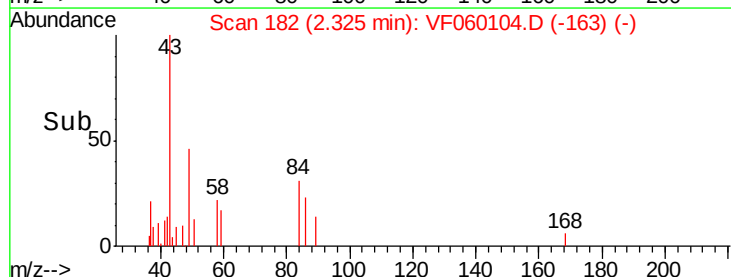
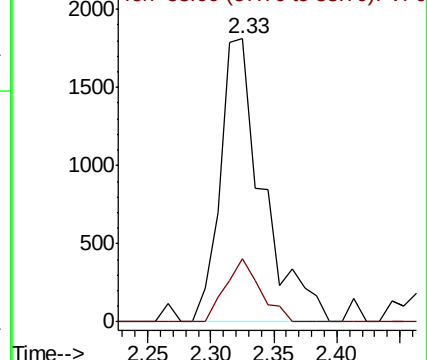
Ion Ratio Lower Upper

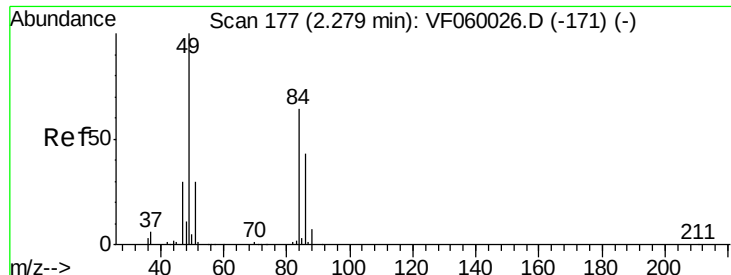
43 100

58 22.1 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

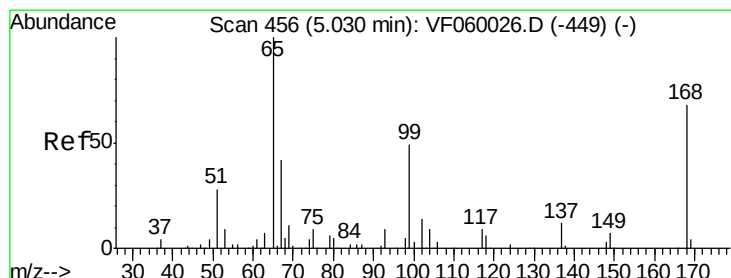
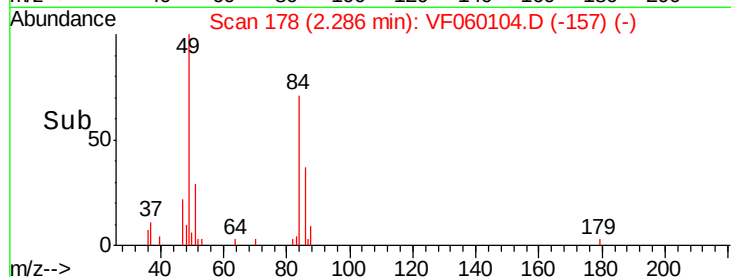
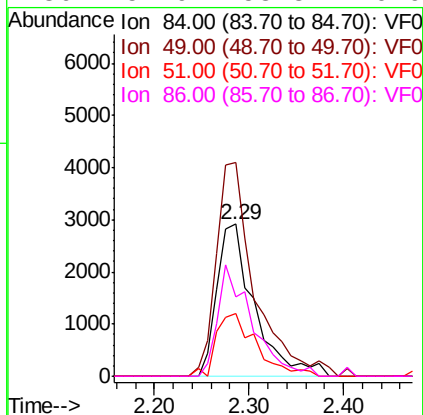
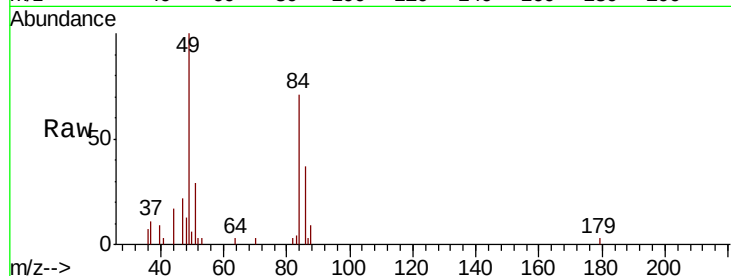




#20
Methylene Chloride
Concen: 5.99 ug/l
RT: 2.29 min Scan# 178
Delta R.T. 0.01 min
Lab File: VF060104.D
Acq: 24 Aug 2018 17:11

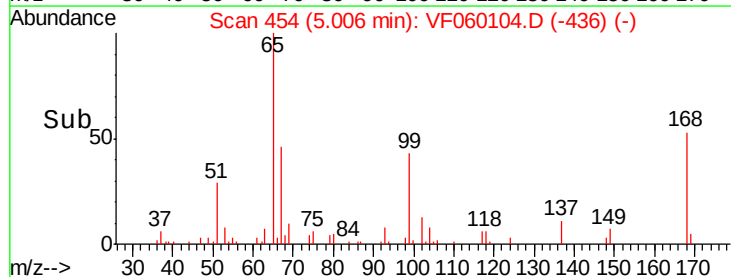
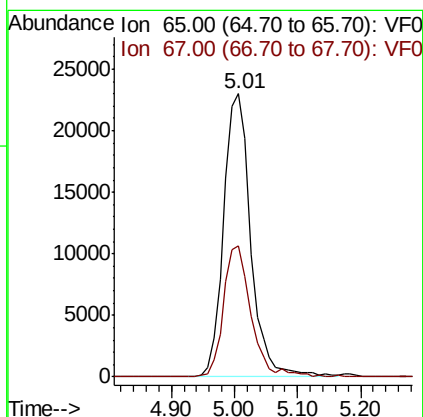
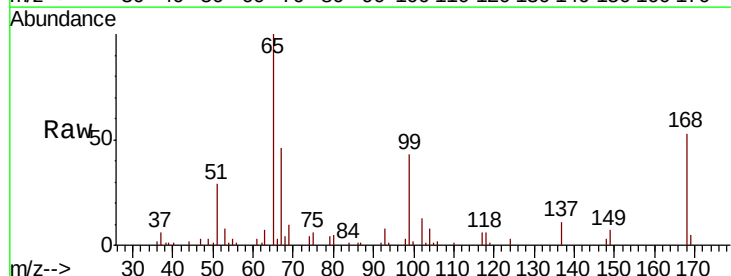
Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-03-002-ABCD

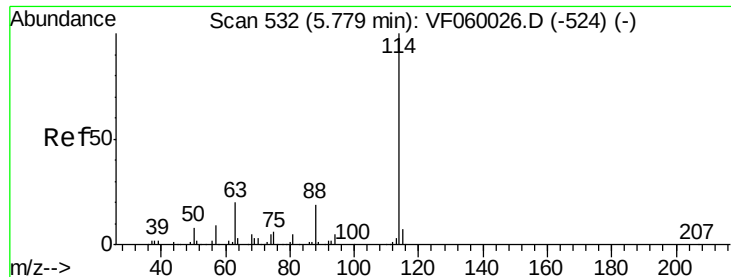
Tot Ion: 84 Resp: 8009
Ion Ratio Lower Upper
84 100
49 140.6 125.4 188.0
51 40.9 38.3 57.5
86 51.9 53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 46.56 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF060104.D
Acq: 24 Aug 2018 17:11

Tgt Ion: 65 Resp: 68581
Ion Ratio Lower Upper
65 100
67 46.5 0.0 92.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060104.D

Acq: 24 Aug 2018 17:11

Instrument :

MSVOA_F

ClientSampleId :

FK-BPM-03-002-ABCD

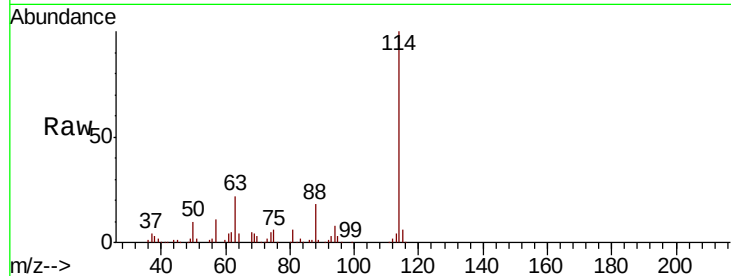
Tot Ion:114 Resp: 168823

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.4

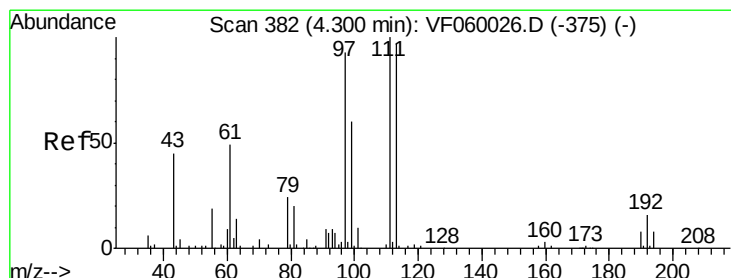
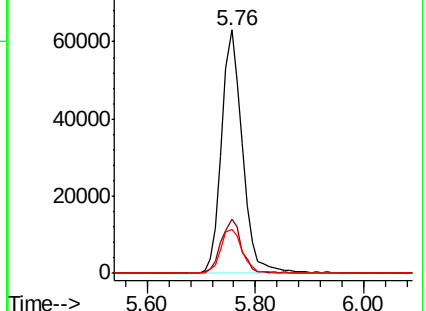
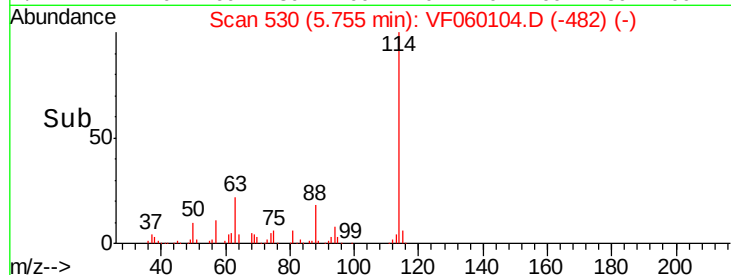
88 18.1 0.0 38.6



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: 46.58 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF060104.D

Acq: 24 Aug 2018 17:11

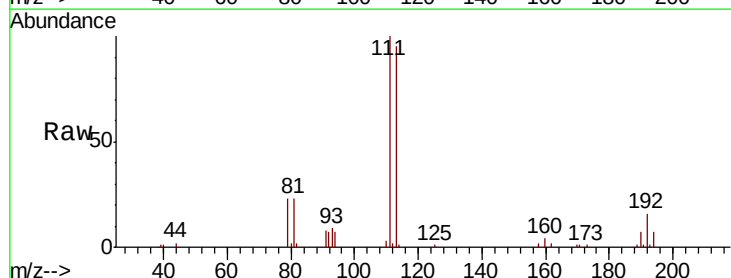
Tgt Ion:113 Resp: 61749

Ion Ratio Lower Upper

113 100

111 105.6 82.7 124.1

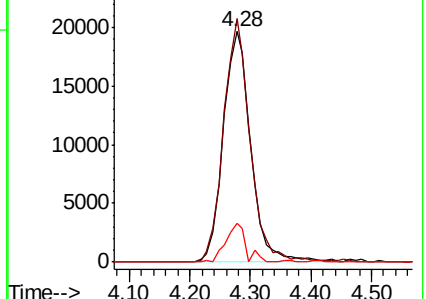
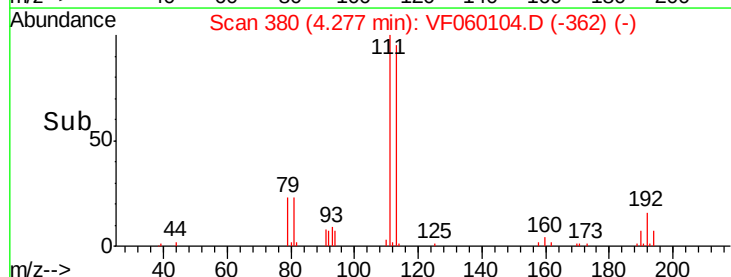
192 17.0 13.0 19.4

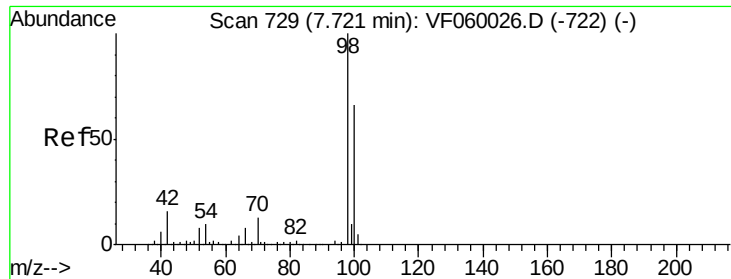


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

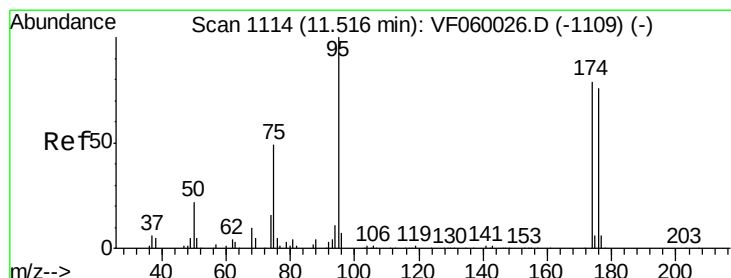
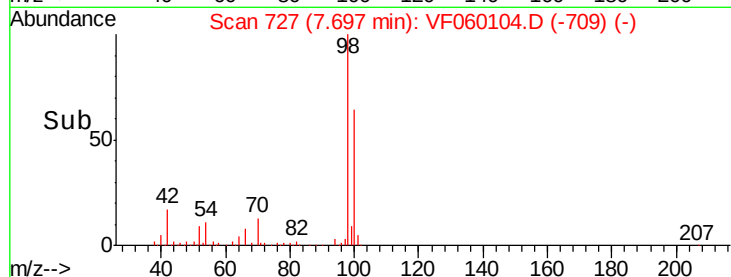
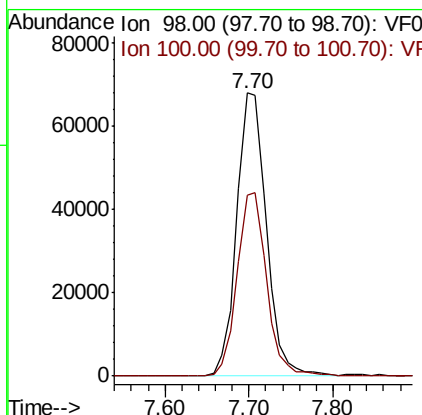
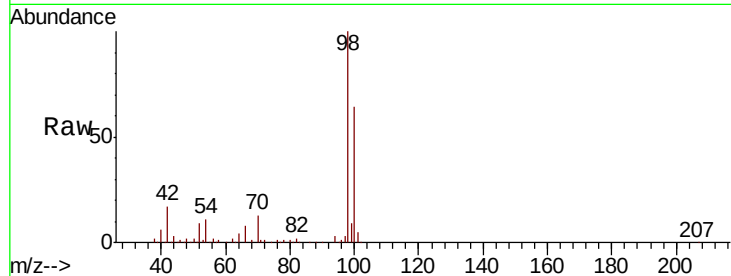




#50
Toluene-d8
Concen: 44.38 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060104.D
Acq: 24 Aug 2018 17:11

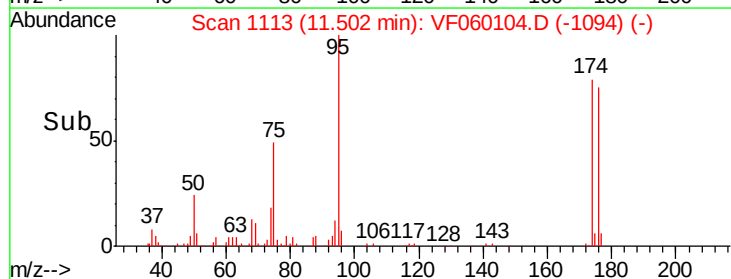
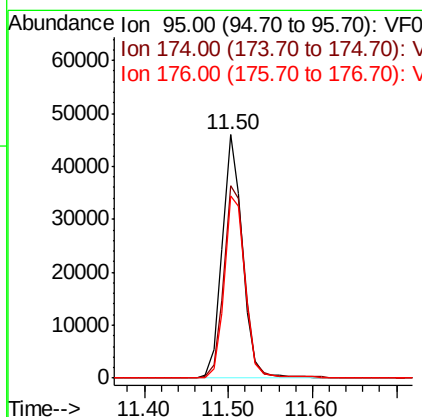
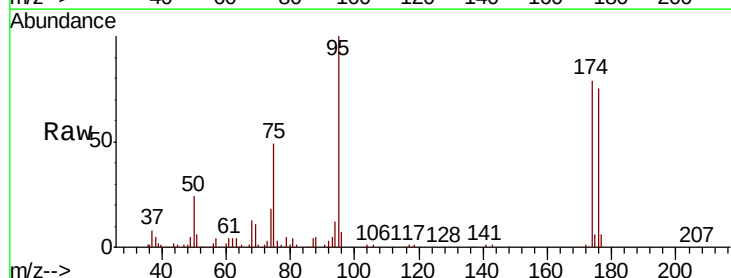
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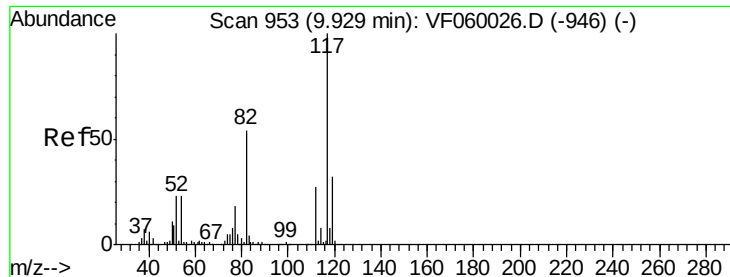
Tot Ion: 98 Resp: 167093
Ion Ratio Lower Upper
98 100
100 64.0 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 38.76 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060104.D
Acq: 24 Aug 2018 17:11

Tgt Ion: 95 Resp: 77196
Ion Ratio Lower Upper
95 100
174 79.0 0.0 158.4
176 75.0 0.0 153.0

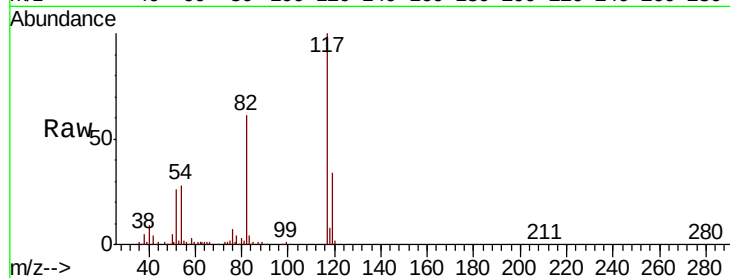




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060104.D
Acq: 24 Aug 2018 17:11

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-03-002-ABCD

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	43.6	65.4
119	33.6	25.6	38.4

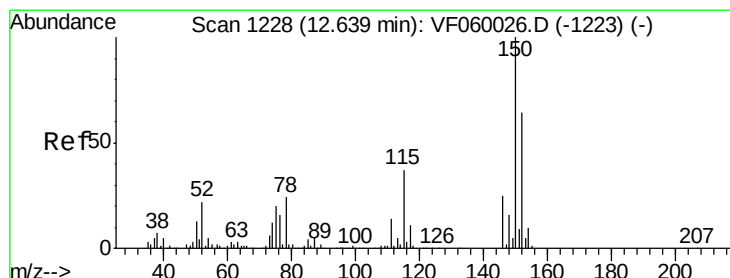
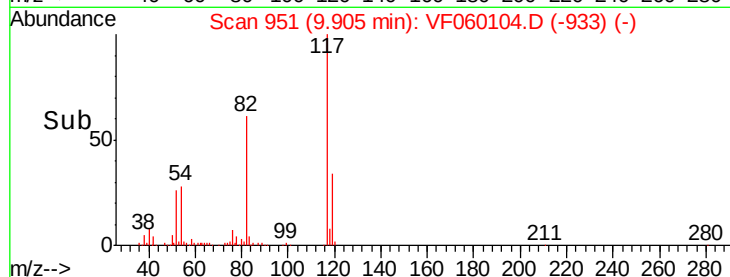
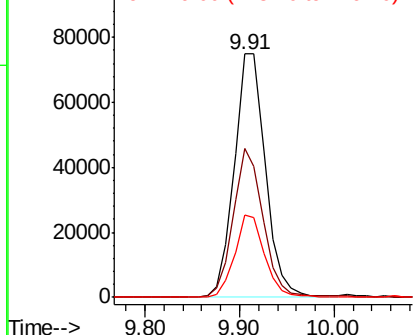


Abundance

Ion 117.00 (116.70 to 117.70): V

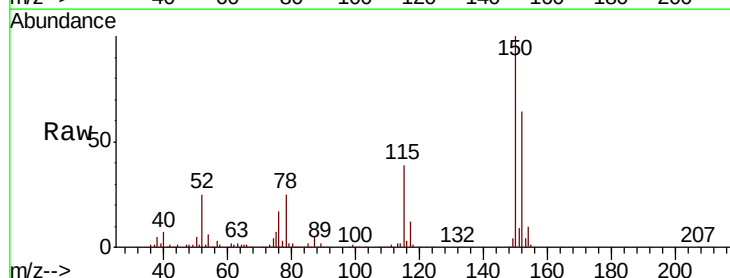
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060104.D
Acq: 24 Aug 2018 17:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.6	85.9
150	155.1	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

