

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060053.D
 Acq On : 23 Aug 2018 15:14
 Operator : VA/AP
 Sample : J4553-02RE
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-P-9(30-36)RE

Quant Time: Aug 24 03:39:28 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	41326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	84417	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	78452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	15143	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	60136	106.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	212.64%	
35) Dibromofluoromethane	4.29	113	57896	87.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	174.68%	
50) Toluene-d8	7.71	98	104833	55.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.38%	
62) 4-Bromofluorobenzene	11.51	95	27914	28.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	56.06%	

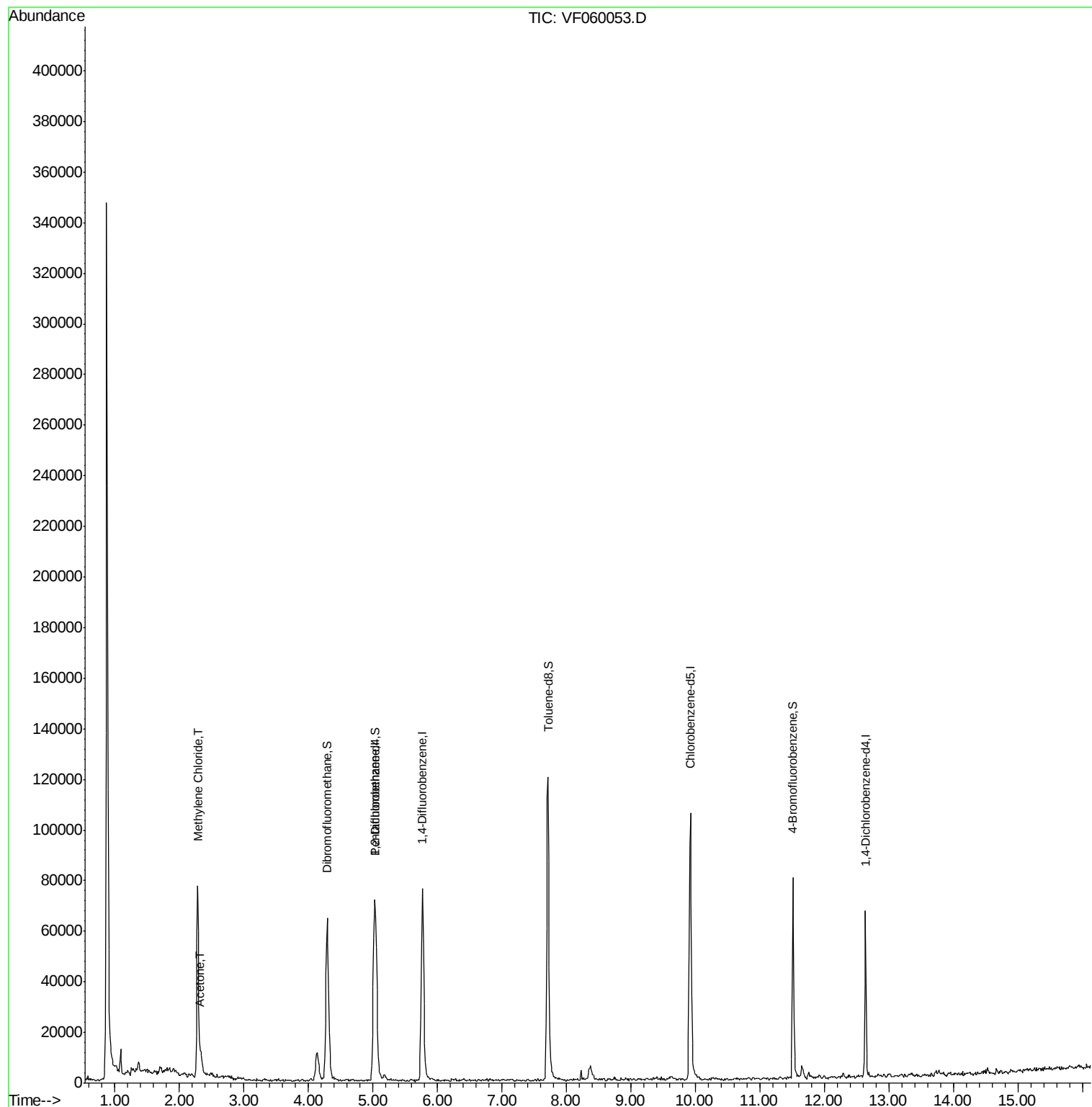
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	8674	58.35	ug/l	100
20) Methylene Chloride	2.28	84	35303	128.66	ug/l #	85

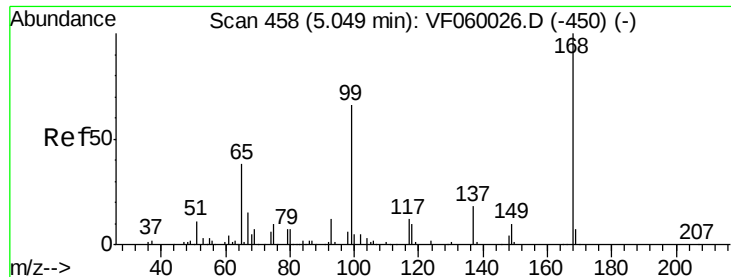
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

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Acq: 23 Aug 2018 15:14

Instrument :

MSVOA_F

ClientSampleId :

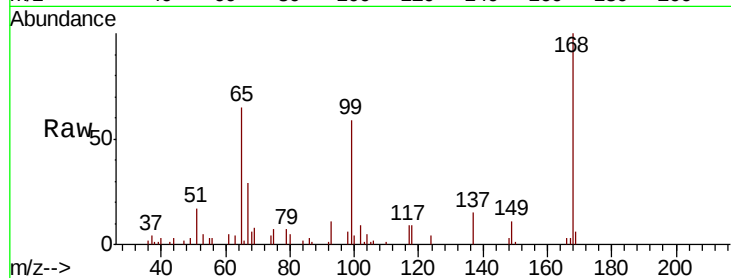
EPE-P-9(30-36)RE

Tot Ion:168 Resp: 41326

Ion Ratio Lower Upper

168 100

99 59.5 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

15000

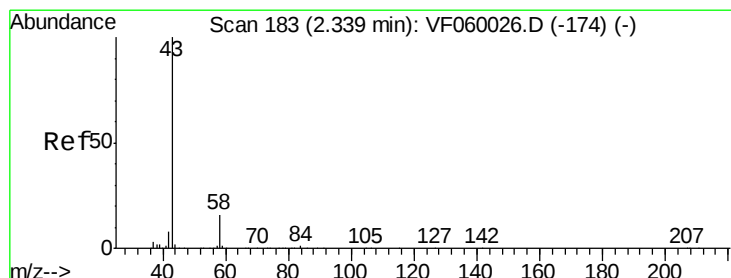
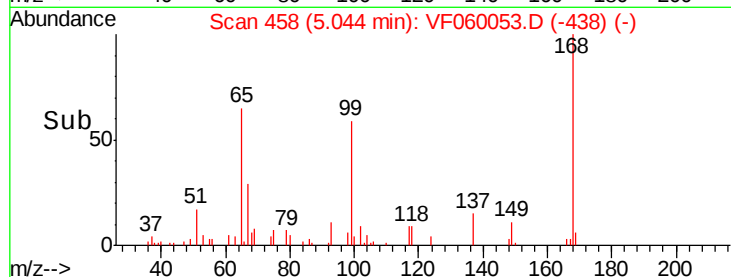
10000

5000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 58.35 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF060053.D

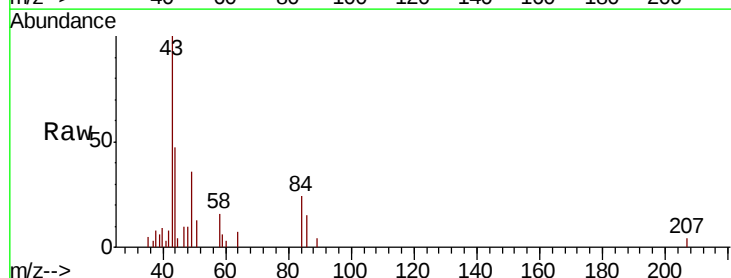
Acq: 23 Aug 2018 15:14

Tgt Ion: 43 Resp: 8674

Ion Ratio Lower Upper

43 100

58 15.6 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

4000

3000

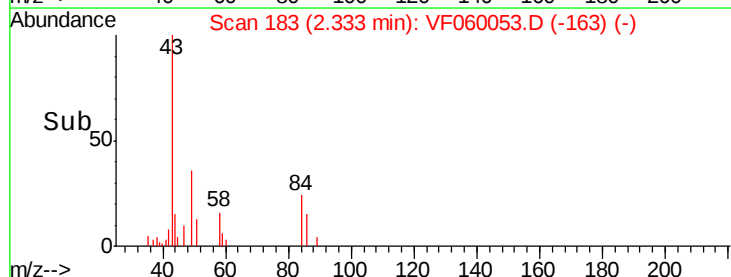
2000

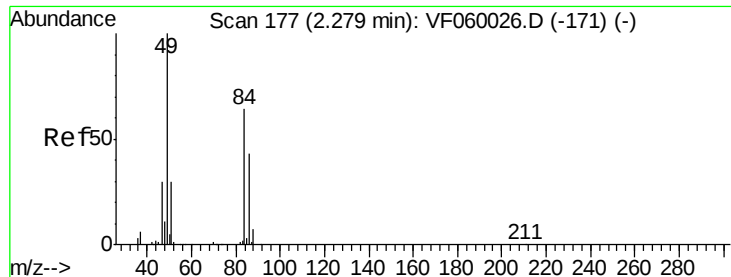
1000

0

2.20 2.30 2.40

Time-->

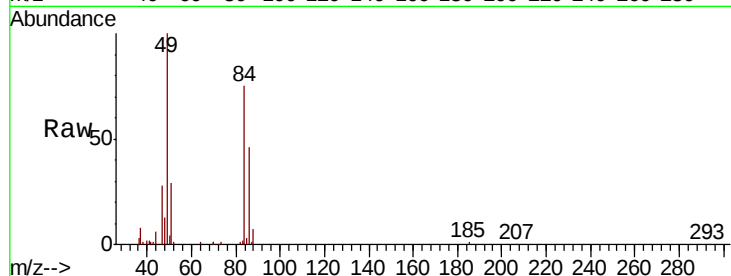




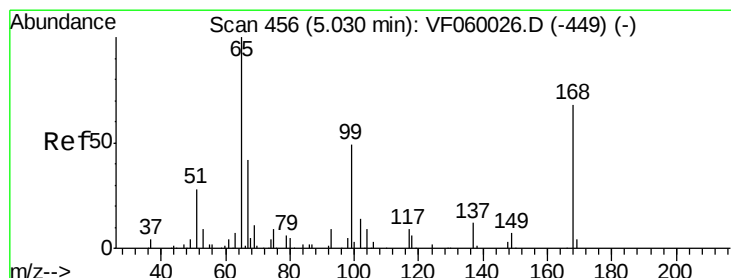
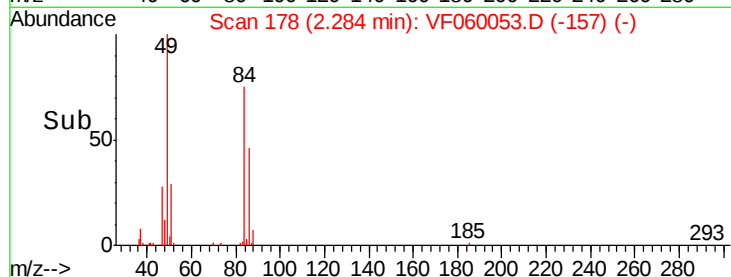
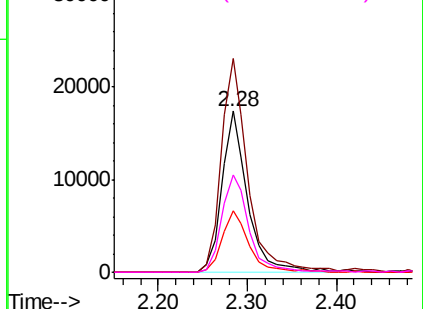
#20
Methvlene Chloride
Concen: 128.66 ug/l
RT: 2.28 min Scan# 178
Delta R.T. 0.00 min
Lab File: VF060053.D
Acq: 23 Aug 2018 15:14

Instrument :
MSVOA_F
ClientSampleId :
EPE-P-9(30-36)RE

Tot Ion: 84 Resp: 35303
Ion Ratio Lower Upper
84 100
49 132.5 125.4 188.0
51 38.3 38.3 57.5#
86 60.5 53.3 79.9

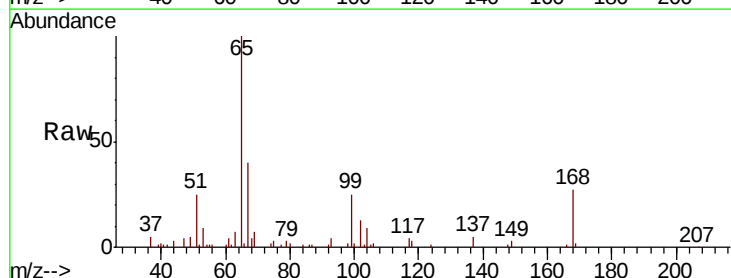


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

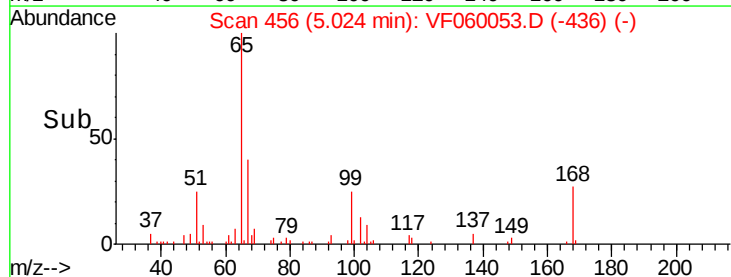
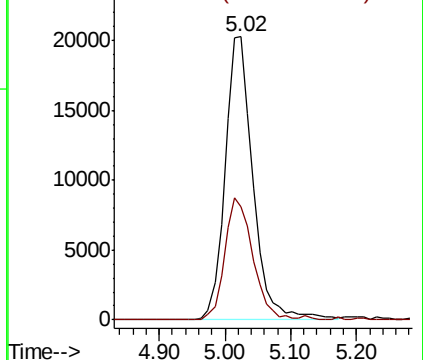


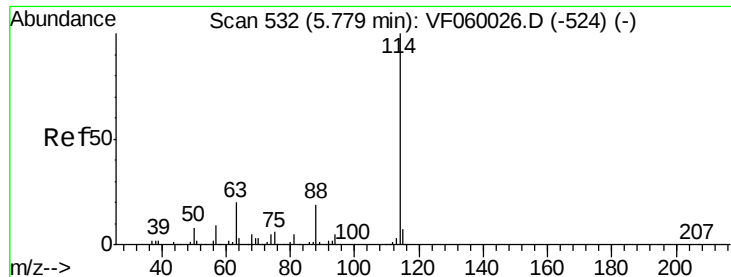
#33
1,2-Dichloroethane-d4
Concen: 106.32 ug/l
RT: 5.02 min Scan# 456
Delta R.T. -0.01 min
Lab File: VF060053.D
Acq: 23 Aug 2018 15:14

Tgt Ion: 65 Resp: 60136
Ion Ratio Lower Upper
65 100
67 39.8 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: 5.77 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF060053.D

Acq: 23 Aug 2018 15:14

Instrument :

MSVOA_F

ClientSampleId :

EPE-P-9(30-36)RE

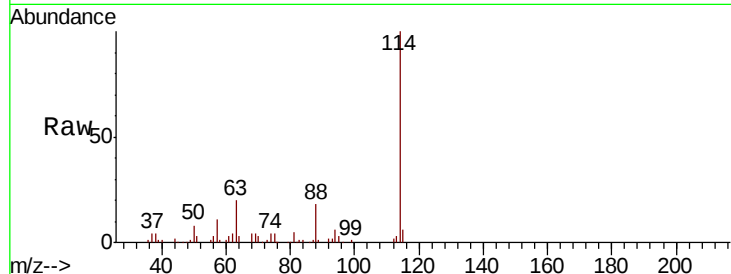
Tot Ion:114 Resp: 84417

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.4

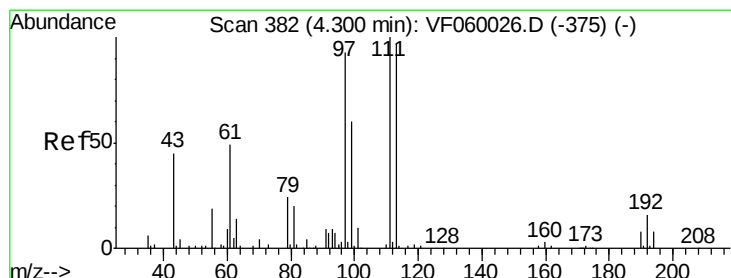
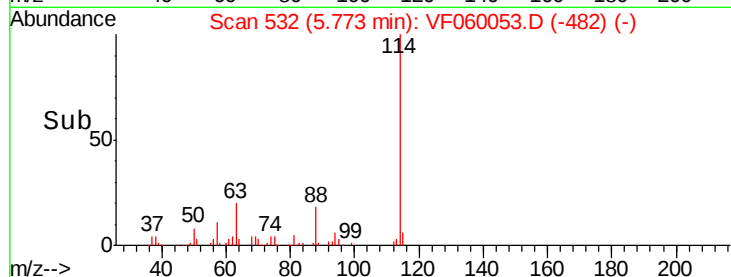
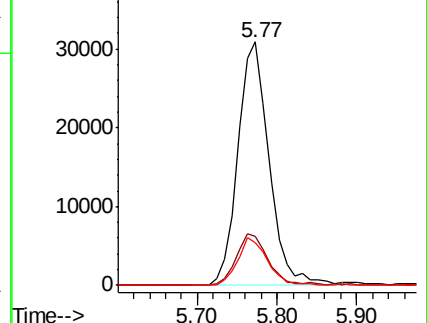
88 17.5 0.0 38.6



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: 87.34 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF060053.D

Acq: 23 Aug 2018 15:14

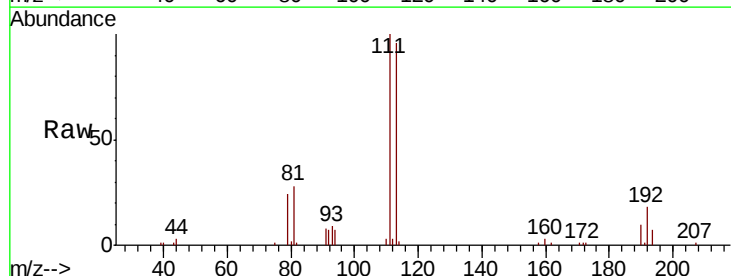
Tgt Ion:113 Resp: 57896

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

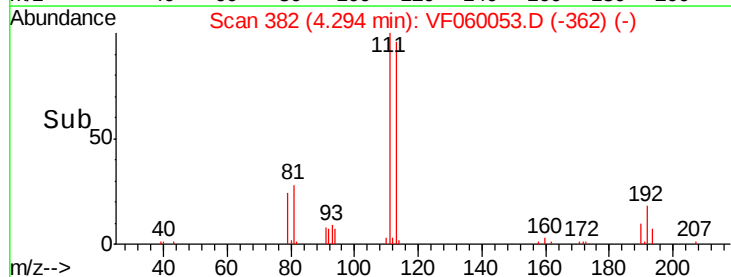
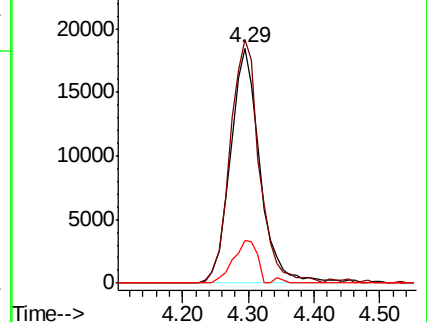
192 18.4 13.0 19.4

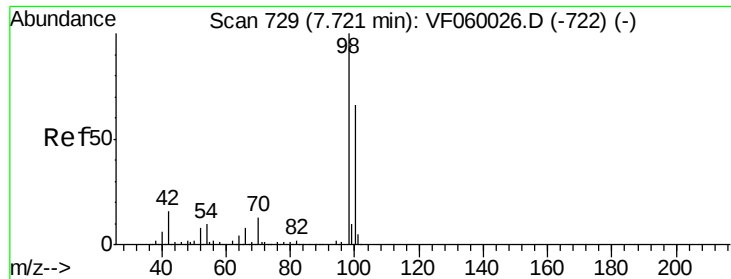


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

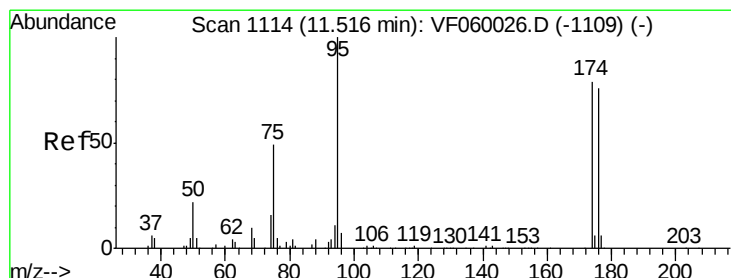
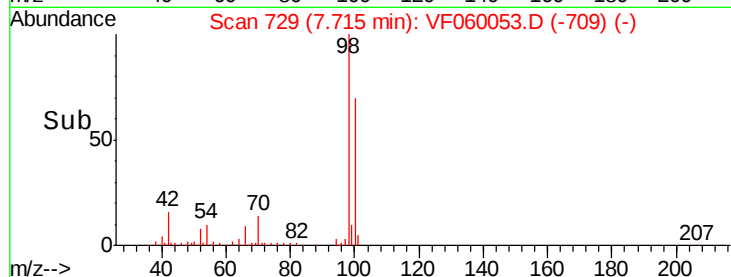
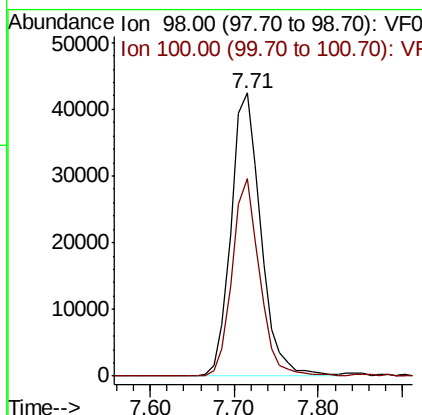
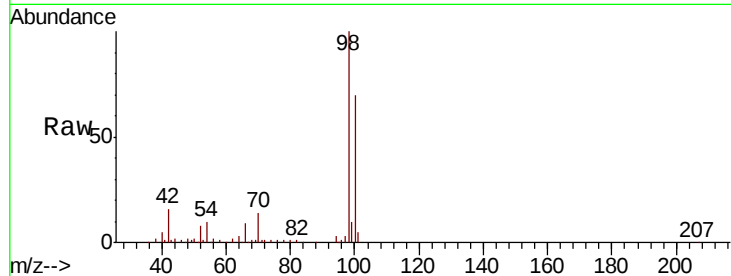




#50
Toluene-d8
Concen: 55.69 ug/l
RT: 7.71 min Scan# 729
Delta R.T. -0.01 min
Lab File: VF060053.D
Acq: 23 Aug 2018 15:14

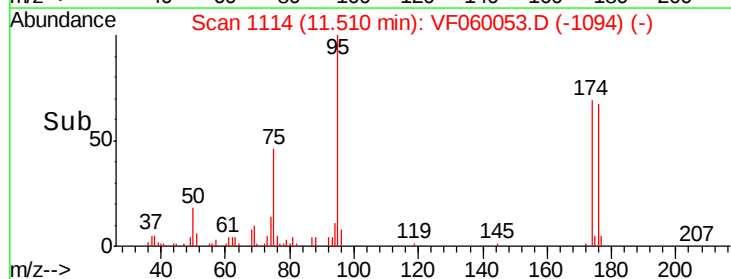
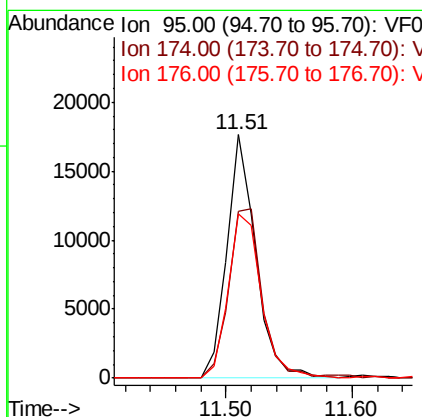
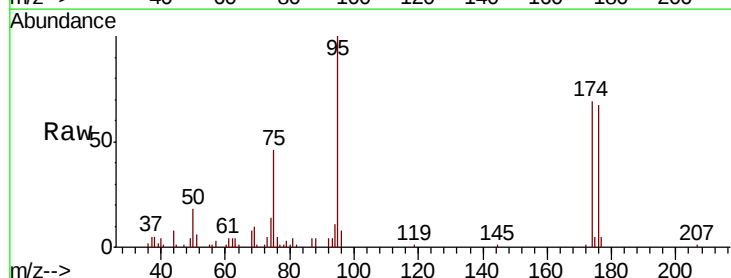
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EPE-P-9(30-36)RE

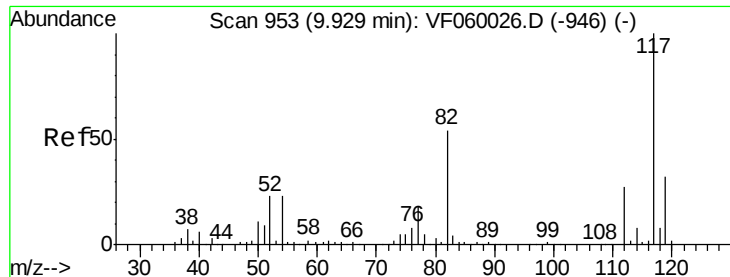
Tot Ion: 98 Resp: 104833
Ion Ratio Lower Upper
98 100
100 69.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 28.03 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060053.D
Acq: 23 Aug 2018 15:14

Tgt Ion: 95 Resp: 27914
Ion Ratio Lower Upper
95 100
174 68.7 0.0 158.4
176 67.2 0.0 153.0

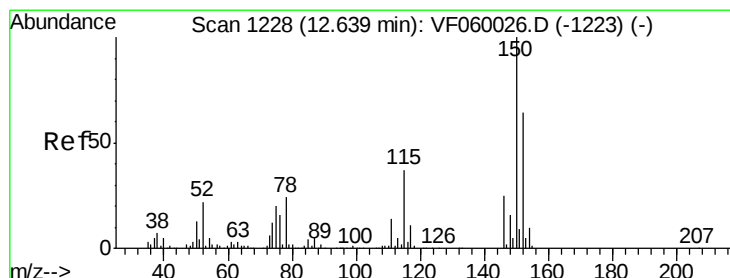
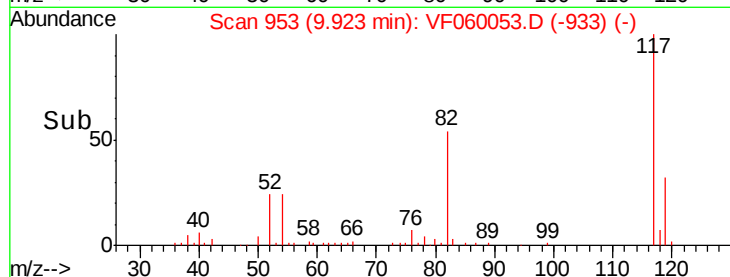
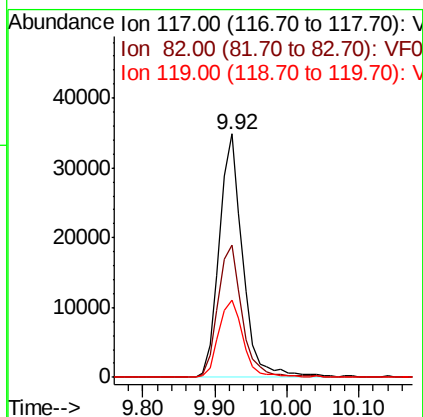
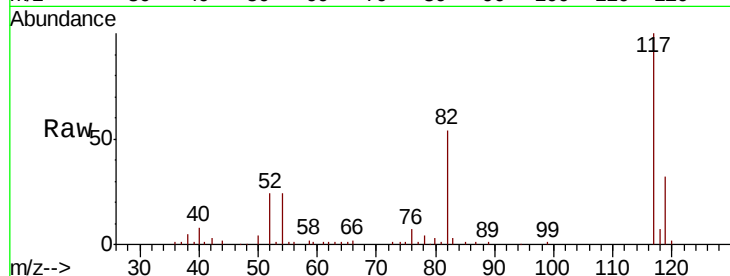




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060053.D
Acq: 23 Aug 2018 15:14

Instrument :
MSVOA_F
ClientSampleId :
EPE-P-9(30-36)RE

Tot Ion:117 Resp: 78452
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060053.D
Acq: 23 Aug 2018 15:14

Tgt Ion:152 Resp: 15143
Ion Ratio Lower Upper
152 100
115 56.7 28.6 85.9
150 150.9 0.0 312.0

