

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082818\
 Data File : VF060151.D
 Acq On : 28 Aug 2018 15:50
 Operator : VA/AP
 Sample : J4646-01RE
 Misc : 5.58g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-A5RE

Quant Time: Aug 28 16:30:14 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

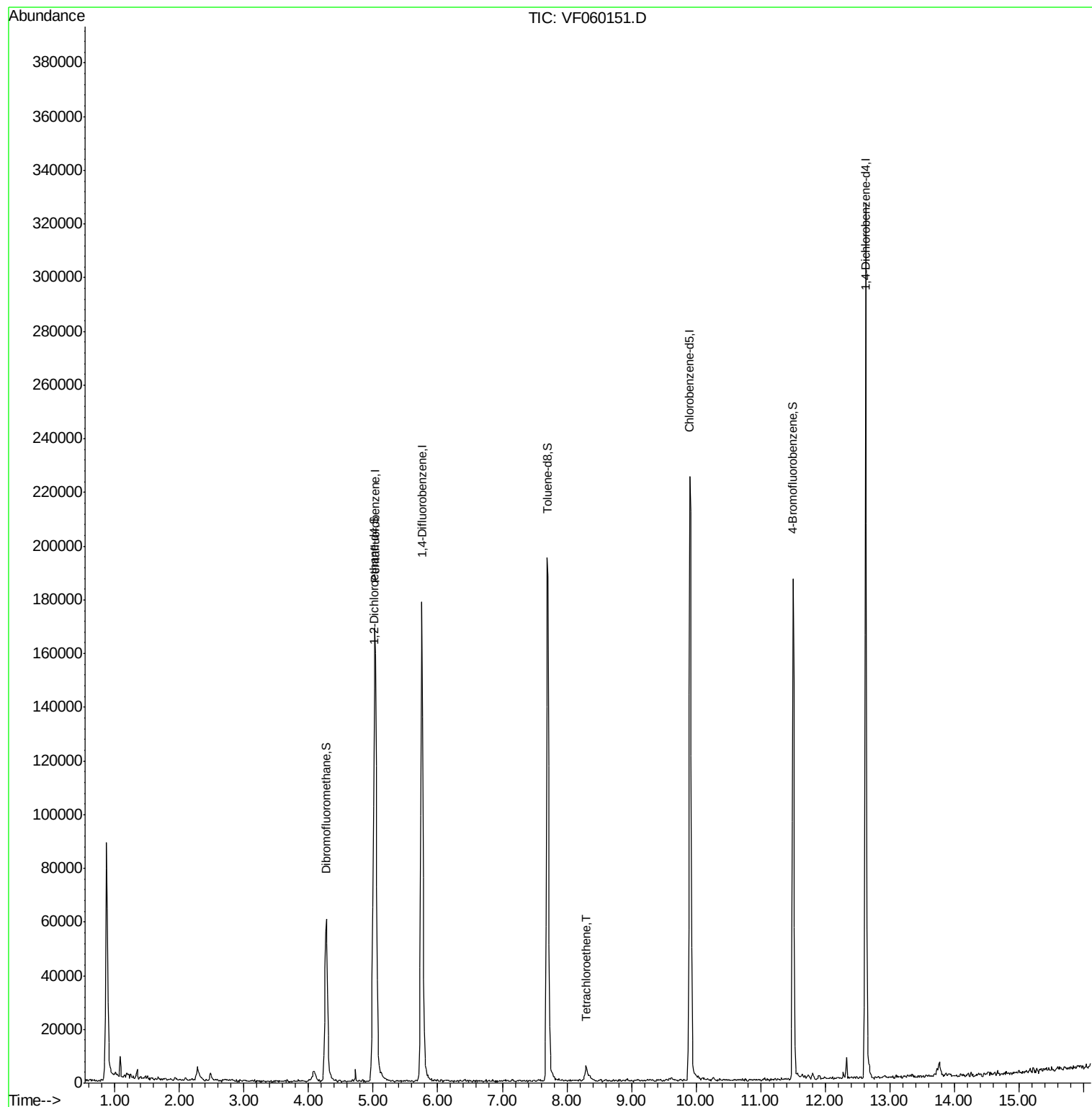
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	143606	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	180144	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	156057	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	77027	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	44785	22.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	45.58%	
35) Dibromofluoromethane	4.28	113	55200	39.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.04%	
50) Toluene-d8	7.71	98	166146	41.36	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.72%	
62) 4-Bromofluorobenzene	11.50	95	64599	30.40	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	60.80%	
Target Compounds						
64) Tetrachloroethene	8.29	164	1466	1.39	ug/l	# 78

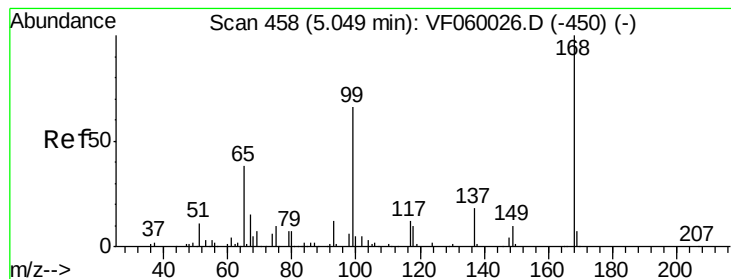
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

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Instrument :

MSVOA_F

ClientSampleId :

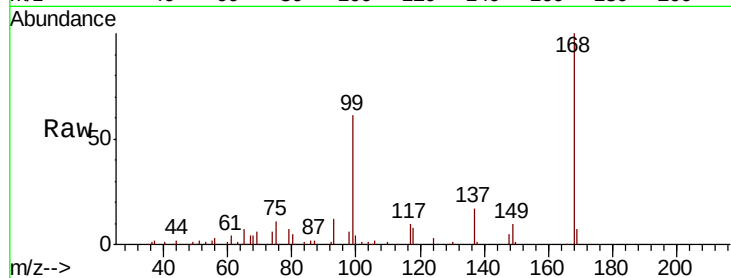
EP1-Q4-A5RE

Tot Ion:168 Resp: 143606

Ion Ratio Lower Upper

168 100

99 61.4 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

40000

30000

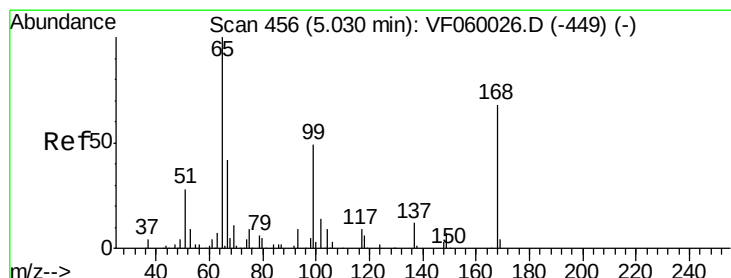
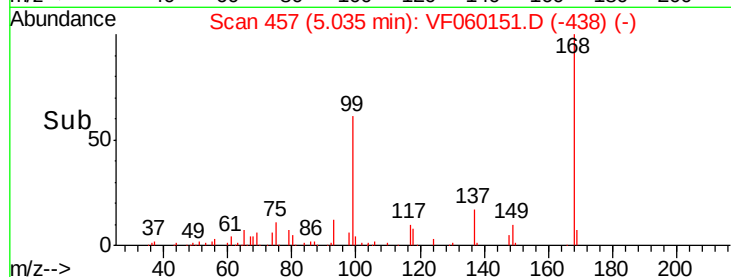
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 22.79 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF060151.D

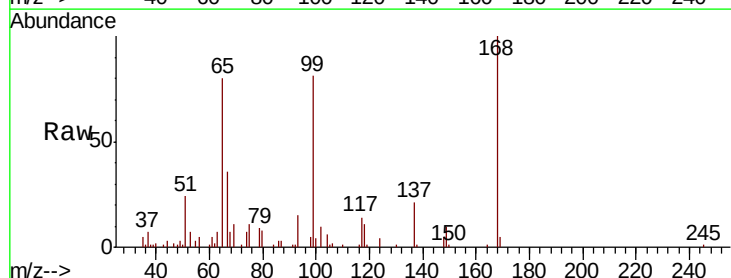
Acq: 28 Aug 2018 15:50

Tgt Ion: 65 Resp: 44785

Ion Ratio Lower Upper

65 100

67 45.0 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

15000

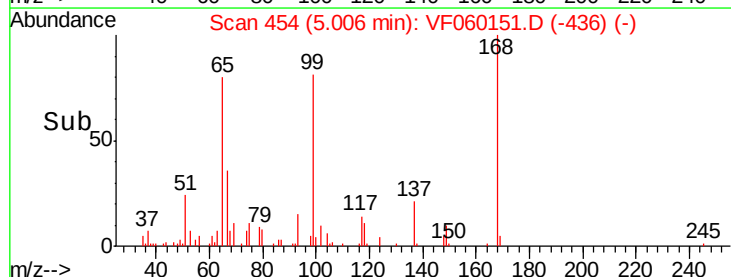
10000

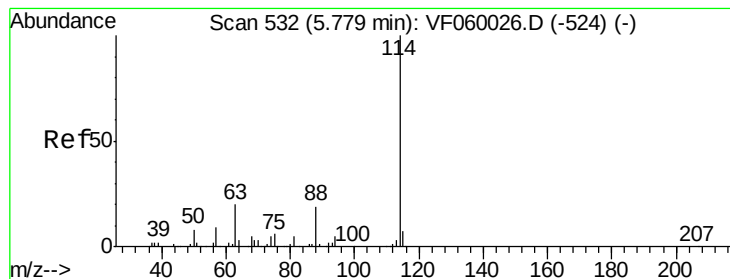
5000

0

4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060151.D

Acq: 28 Aug 2018 15:50

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-A5RE

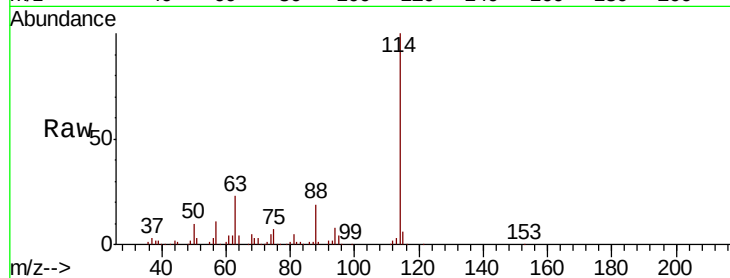
Tot Ion:114 Resp: 180144

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.4

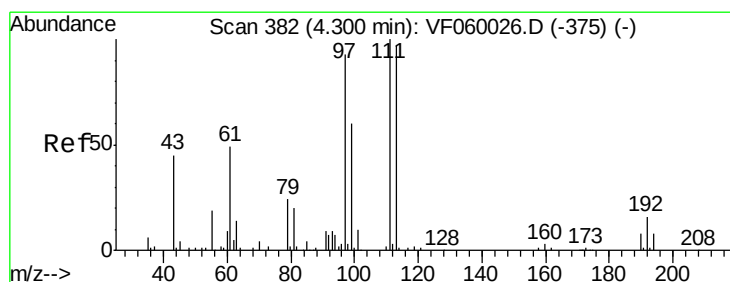
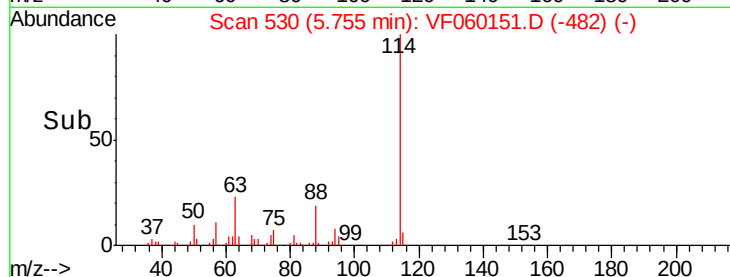
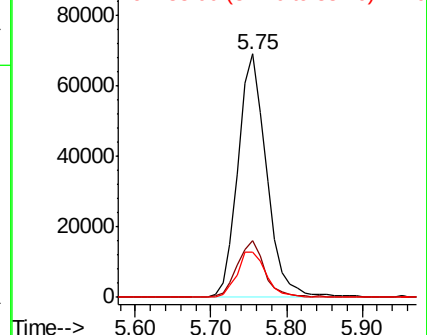
88 18.6 0.0 38.6



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: 39.02 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF060151.D

Acq: 28 Aug 2018 15:50

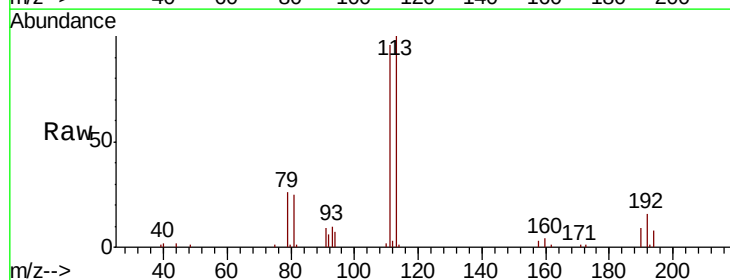
Tgt Ion:113 Resp: 55200

Ion Ratio Lower Upper

113 100

111 96.3 82.7 124.1

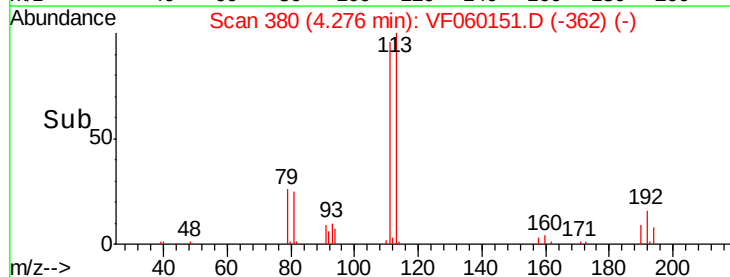
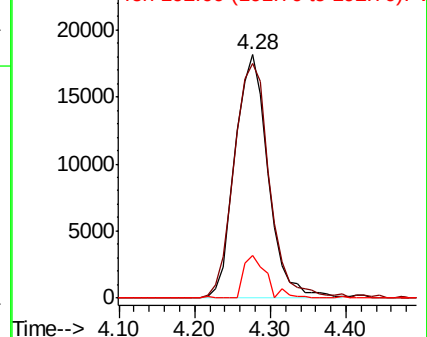
192 17.3 13.0 19.4

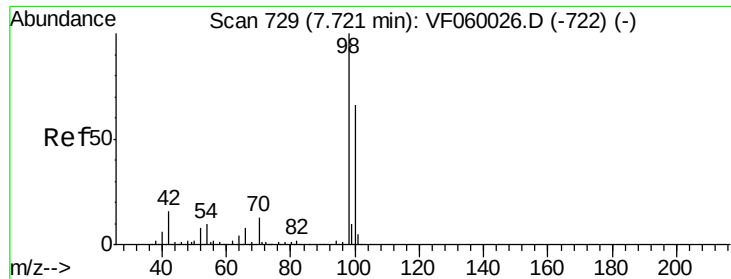


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

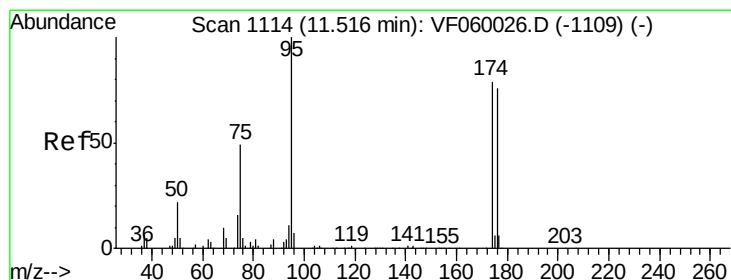
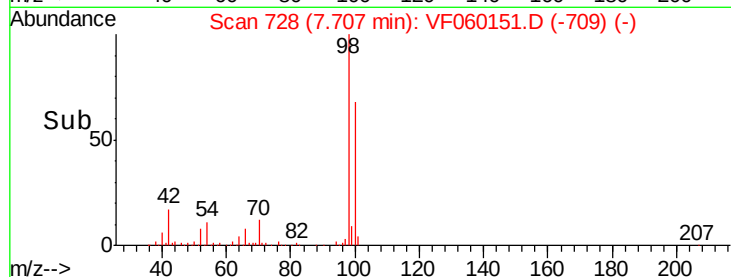
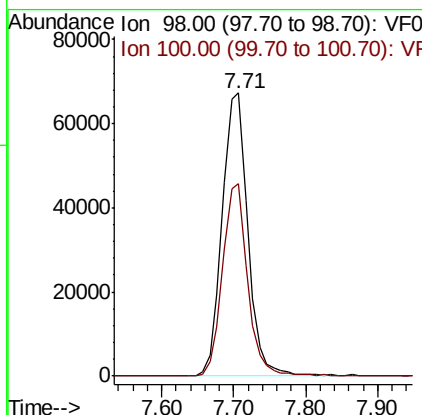
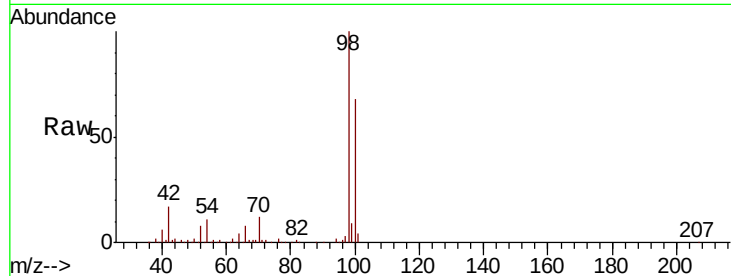




#50
Toluene-d8
Concen: 41.36 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060151.D
Acq: 28 Aug 2018 15:50

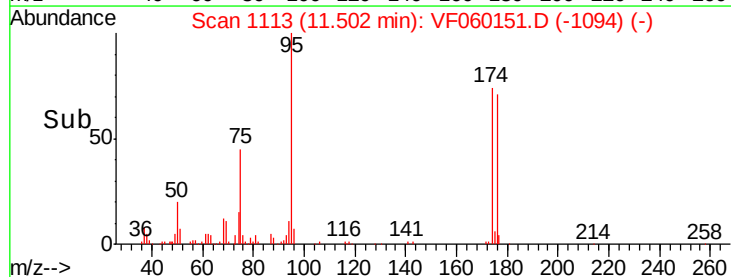
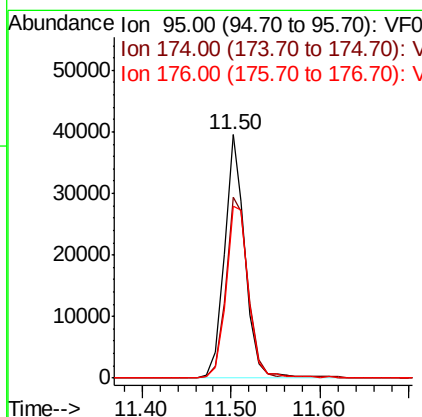
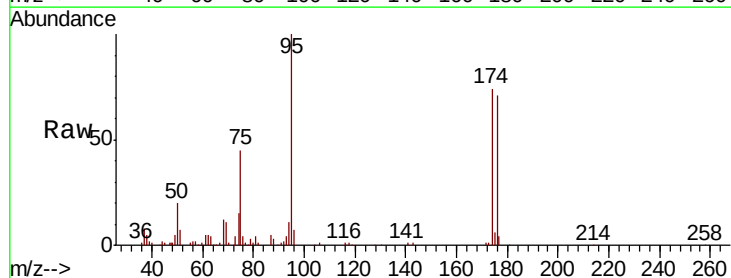
Instrument :
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EP1-Q4-A5RE

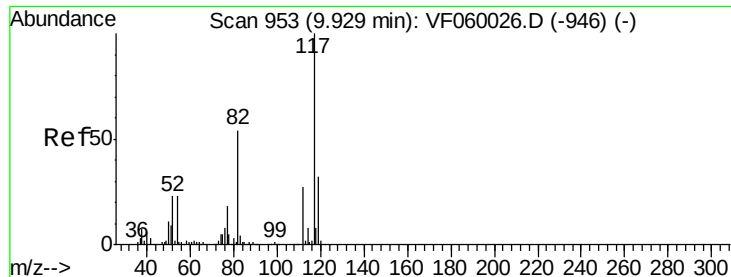
Tot Ion: 98 Resp: 166146
Ion Ratio Lower Upper
98 100
100 68.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 30.40 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060151.D
Acq: 28 Aug 2018 15:50

Tgt Ion: 95 Resp: 64599
Ion Ratio Lower Upper
95 100
174 74.4 0.0 158.4
176 70.6 0.0 153.0

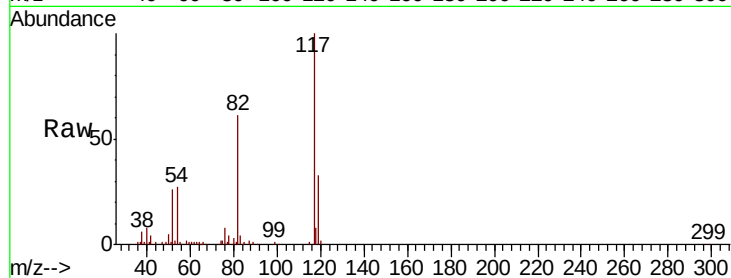




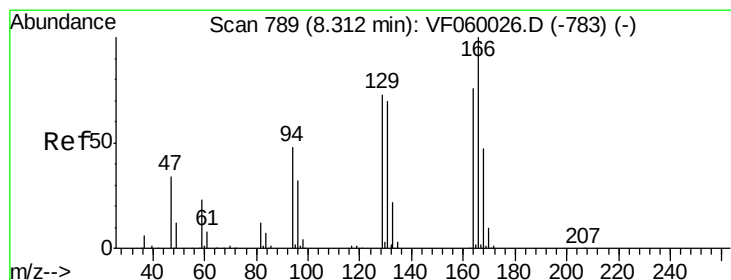
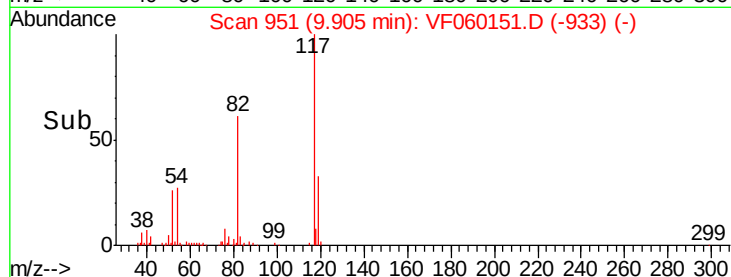
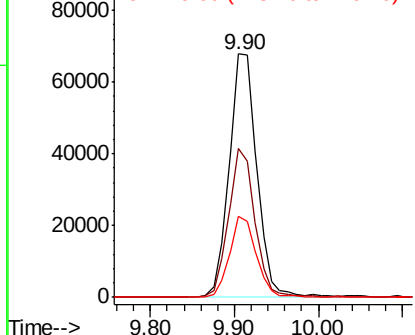
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060151.D
Acq: 28 Aug 2018 15:50

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A5RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	43.6	65.4
119	33.3	25.6	38.4

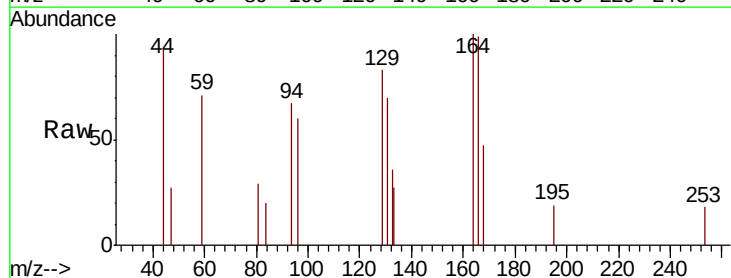


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

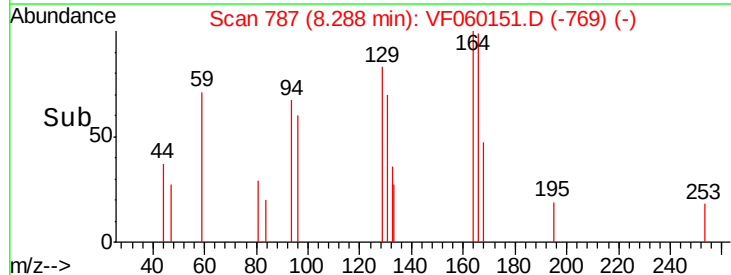
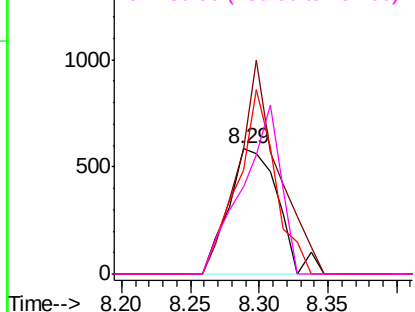


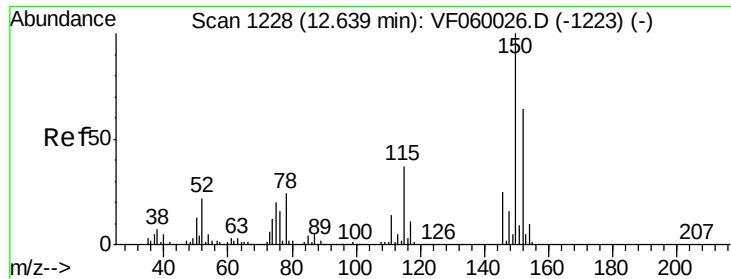
#64
Tetrachloroethene
Concen: 1.39 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.02 min
Lab File: VF060151.D
Acq: 28 Aug 2018 15:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	99.5	104.7	157.1#
129	82.5	77.0	115.4
131	69.9	72.9	109.3#



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): 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: VF060151.D
Acq: 28 Aug 2018 15:50

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A5RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.6	85.9
150	152.4	0.0	312.0

