

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059256.D
 Acq On : 21 Jun 2018 7:10
 Operator : VA/AP
 Sample : J3602-02
 Misc : 4.58g/5mL/MSVOA-F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(5-10)

Manual Integrations
 APPROVED

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 6/21/2018 9:46:57 AM

Quant Time: Jun 21 08:15:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	218727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	353353	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	329667	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	203701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	166035	62.59	ug/l	0.01
Spiked Amount 50.000			Recovery	=	125.18%	
35) Dibromofluoromethane	4.30	113	140959	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.70%	
50) Toluene-d8	7.71	98	325326	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
62) 4-Bromofluorobenzene	11.51	95	192127	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
Target Compounds						
16) Acetone	2.34	43	45632	72.05	ug/l	# 87
20) Methylene Chloride	2.27	84	8782m	5.79	ug/l	

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

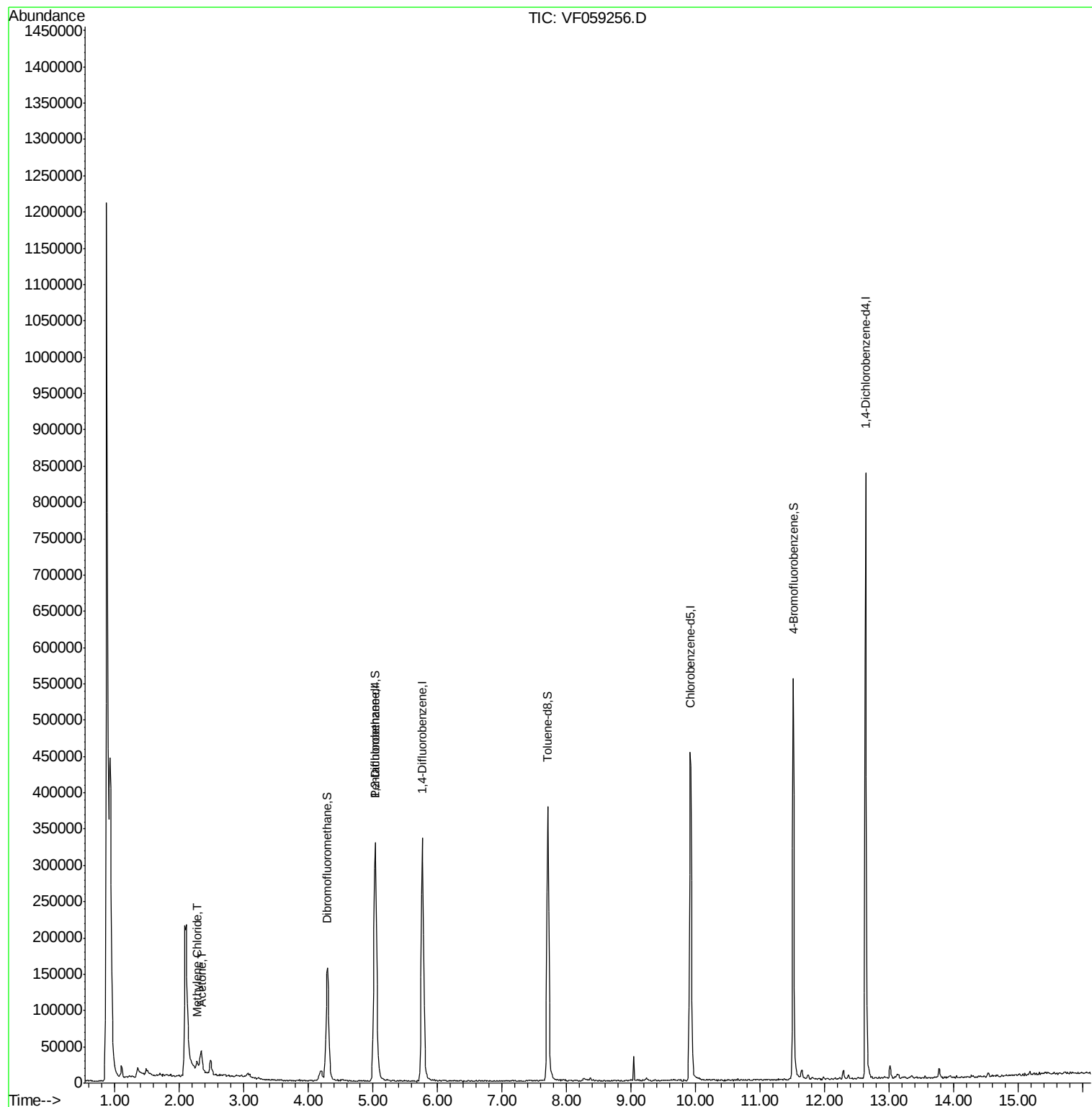
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062018\
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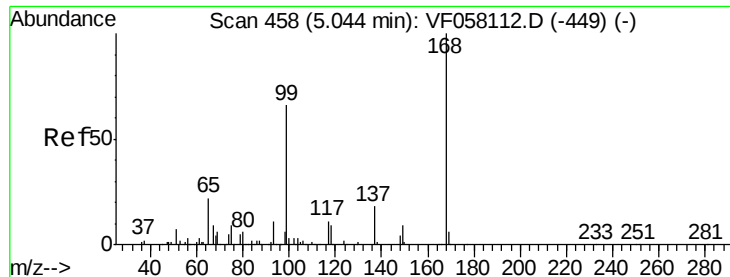
Instrument :
MSVOA_F
ClientSampleId :
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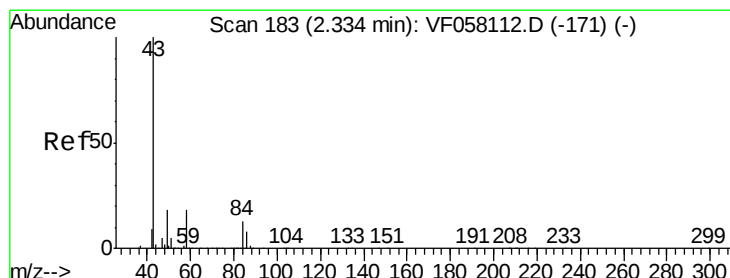
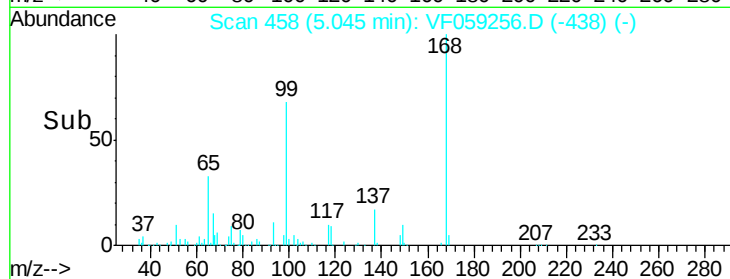
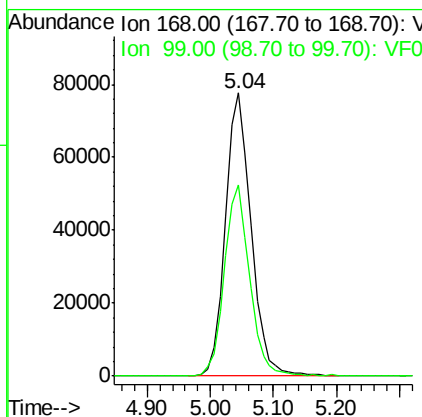
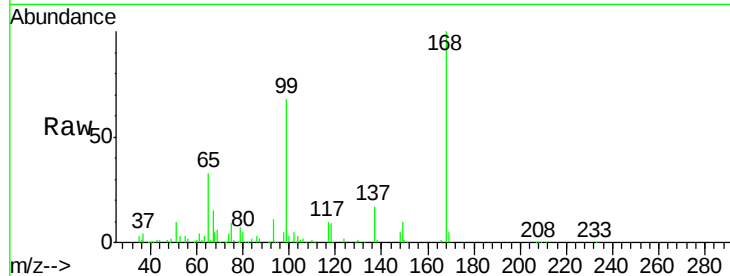
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: VF059256.D
Acq: 21 Jun 2018 7:10

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tot Ion	Ratio	Lower	Upper
168	100		
99	67.5	52.9	79.3

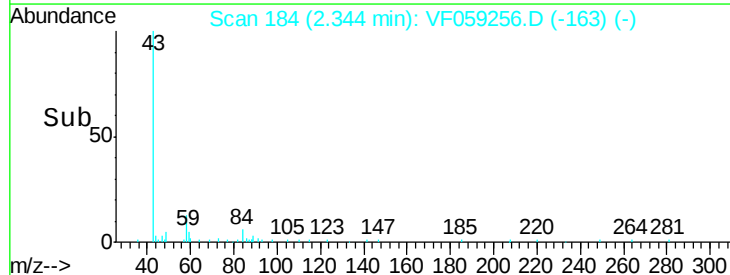
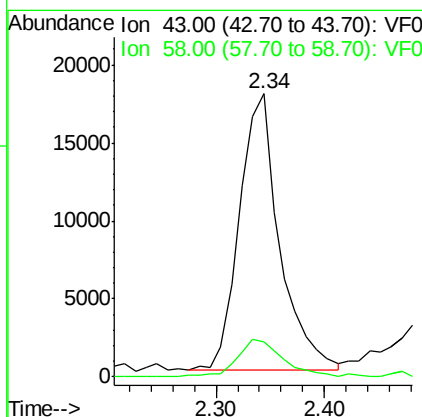
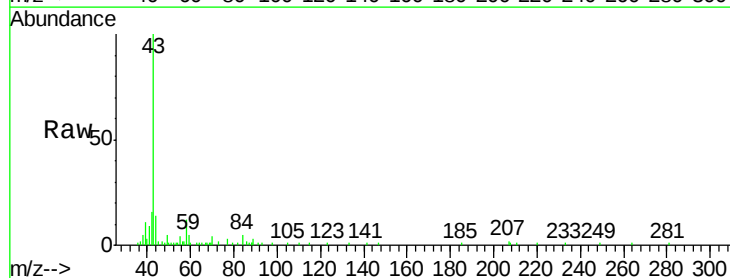
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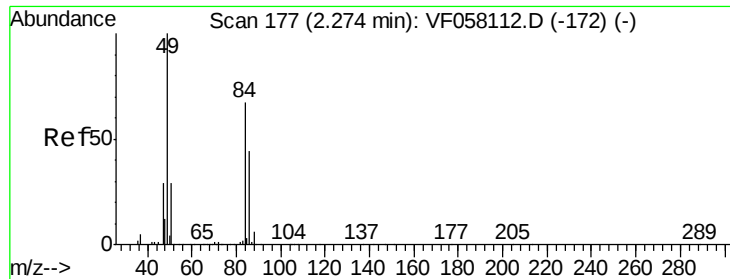
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#16
Acetone
Concen: 72.05 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF059256.D
Acq: 21 Jun 2018 7:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	12.4	14.4	21.6#





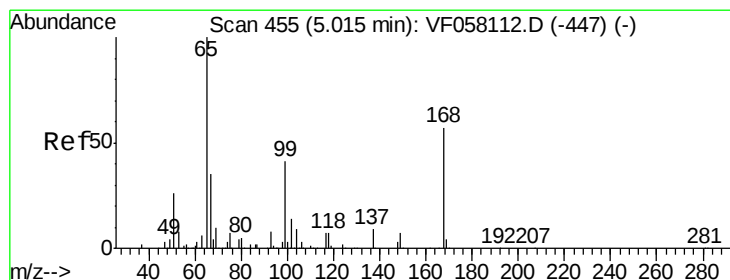
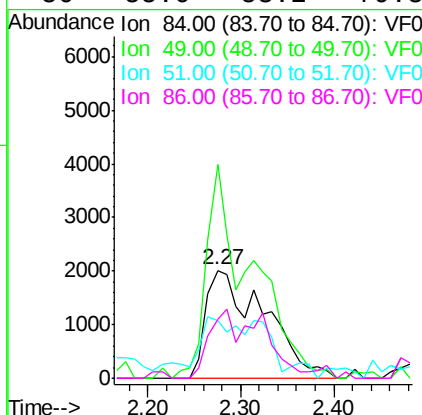
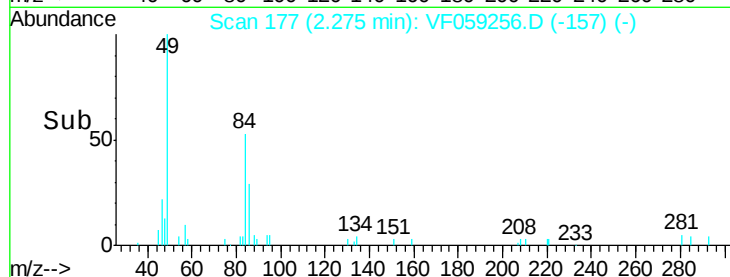
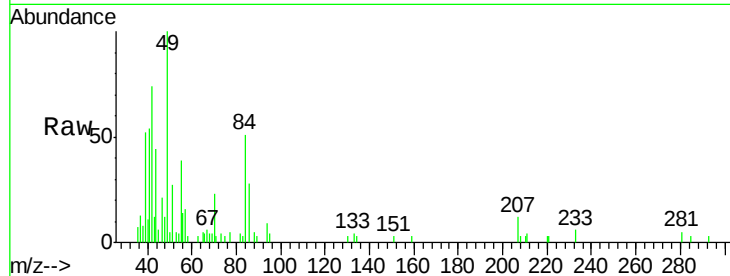
#20
Methvlene Chloride
Concen: 5.79 ug/l m
RT: 2.27 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF059256.D
Acq: 21 Jun 2018 7:10

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	197.5	121.0	181.4#	
51	52.9	35.8	53.6	
86	55.0	53.2	79.8	

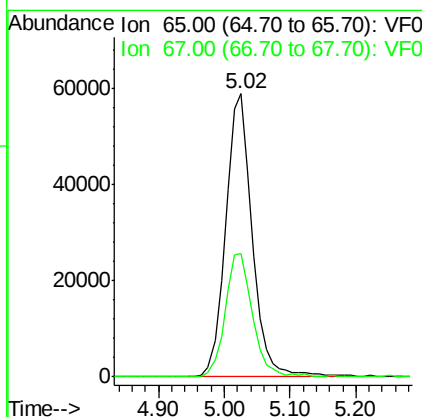
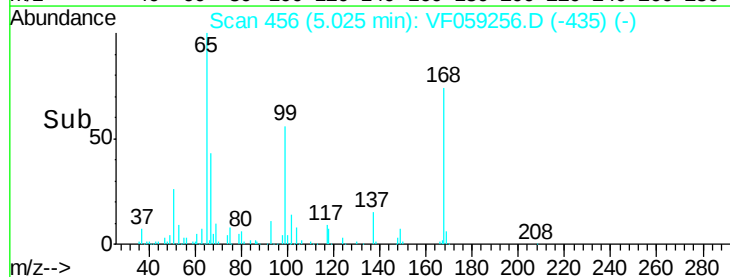
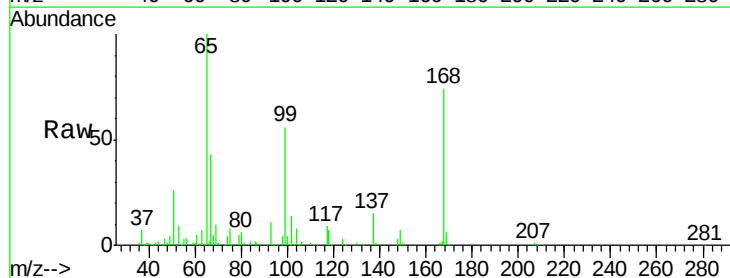
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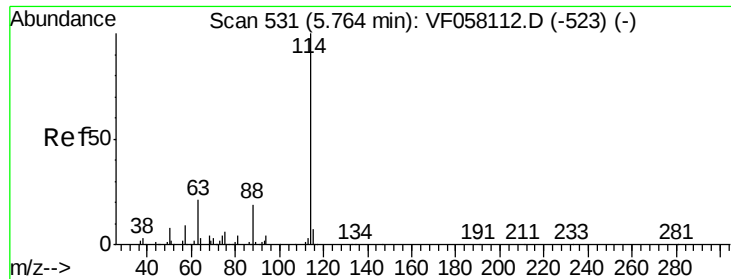
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#33
1,2-Dichloroethane-d4
Concen: 62.59 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.01 min
Lab File: VF059256.D
Acq: 21 Jun 2018 7:10

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	43.5	0.0	97.0	





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059256.D

Acq: 21 Jun 2018 7:10

Instrument :

MSVOA_F

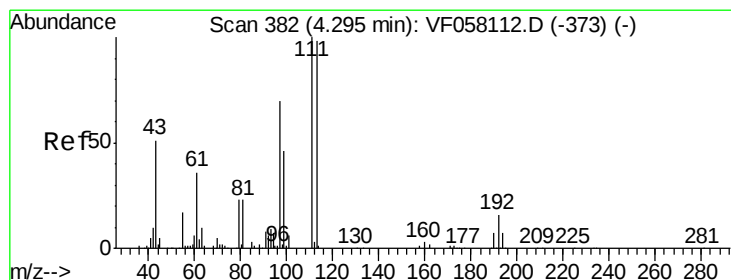
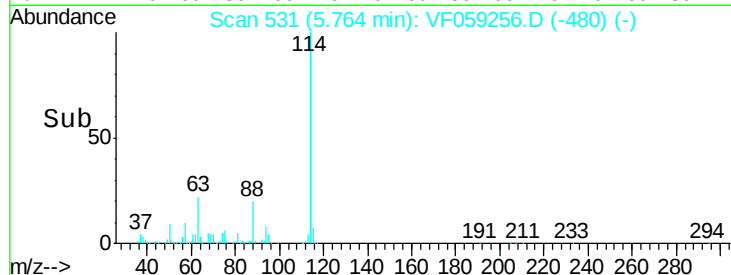
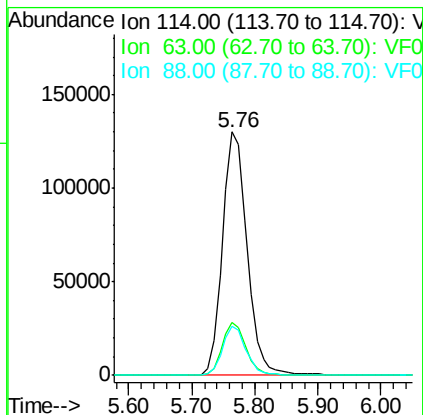
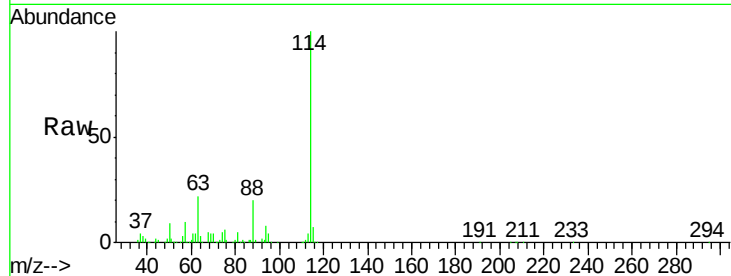
ClientSampleId :

EPE-F-8(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	353353		
63	21.7	0.0	41.6	
88	20.4	0.0	38.8	

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#35

Dibromofluoromethane

Concen: 56.85 ug/l

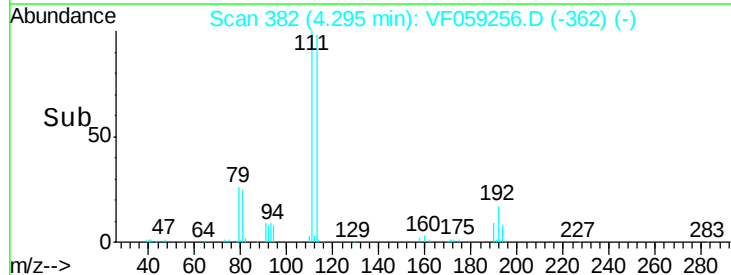
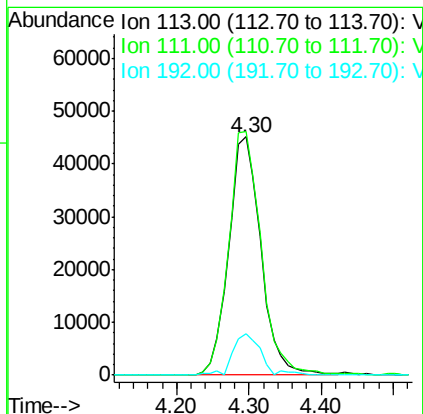
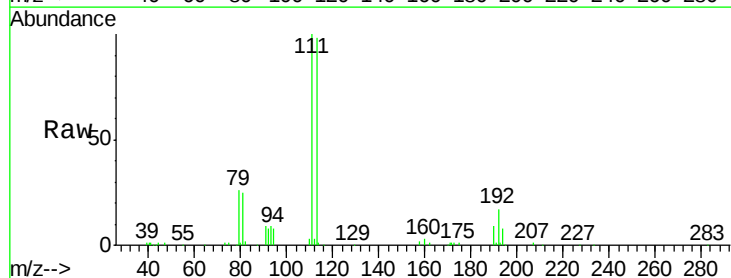
RT: 4.30 min Scan# 382

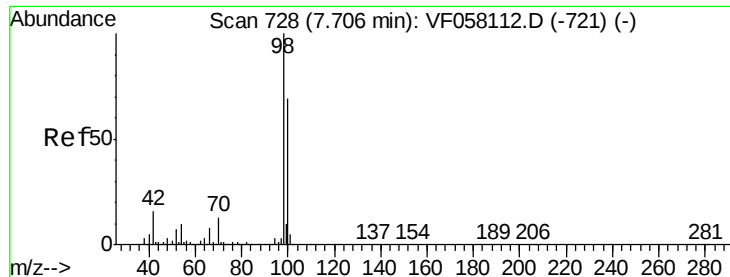
Delta R.T. 0.00 min

Lab File: VF059256.D

Acq: 21 Jun 2018 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	140959		
111	102.2	81.3	121.9	
192	17.4	12.7	19.1	





#50

Toluene-d8

Concen: 44.66 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059256.D

Acq: 21 Jun 2018 7:10

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(5-10)

Tot Ion: 98 Resp: 325326

Ion Ratio Lower Upper

98 100

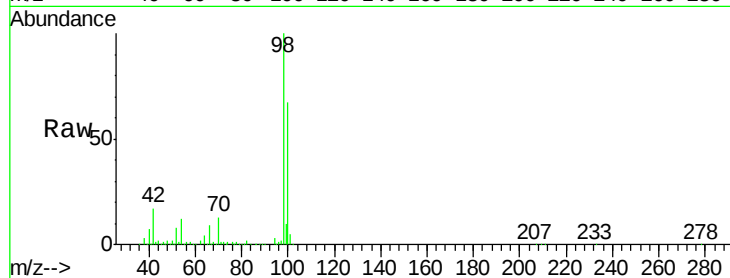
100 67.1 55.6 83.4

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

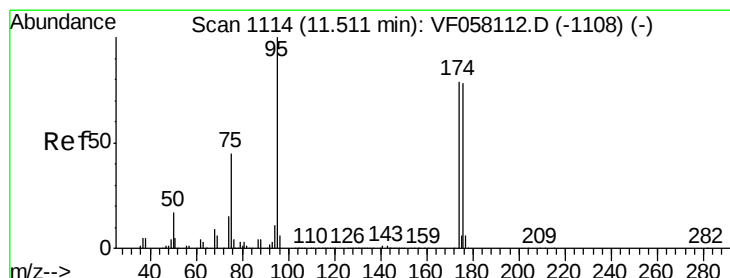
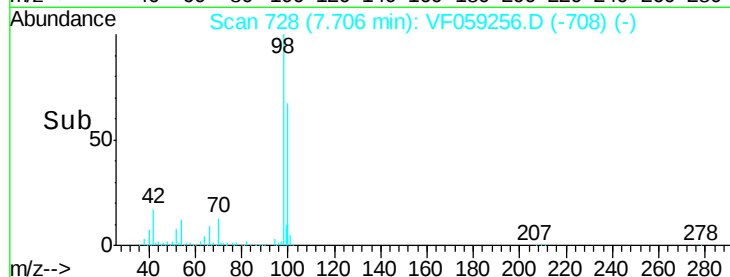
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.43 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059256.D

Acq: 21 Jun 2018 7:10

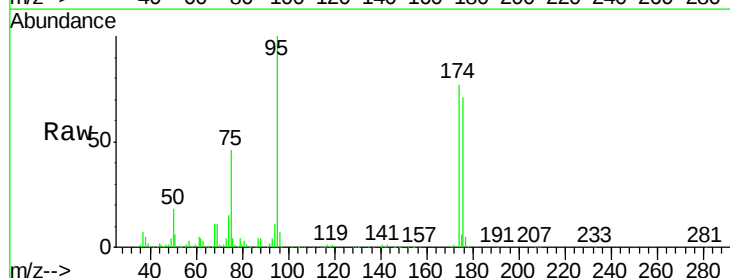
Tgt Ion: 95 Resp: 192127

Ion Ratio Lower Upper

95 100

174 77.3 0.0 157.8

176 70.8 0.0 155.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.51

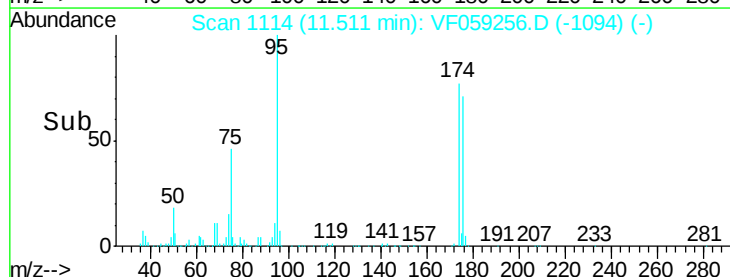
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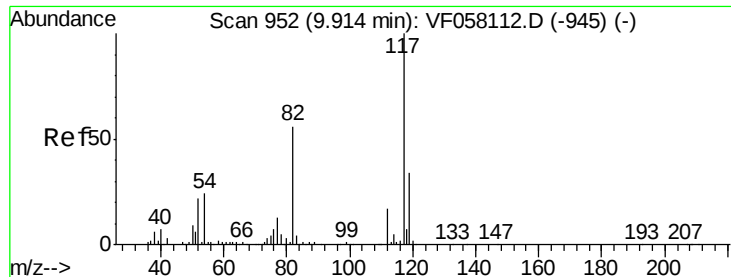
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50000

0

Time-->





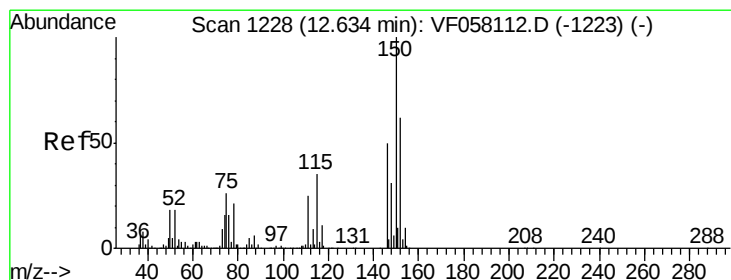
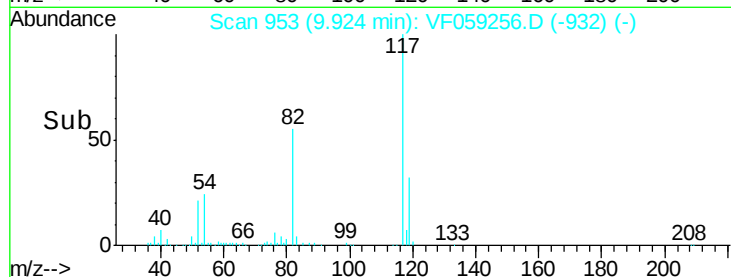
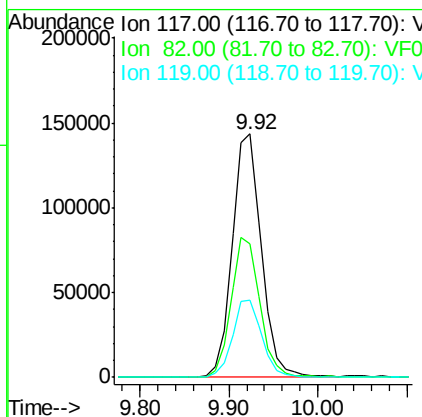
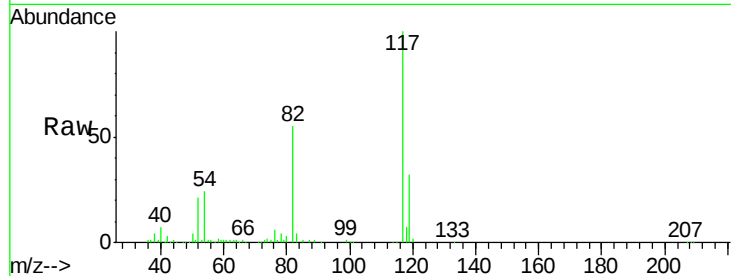
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059256.D
Acq: 21 Jun 2018 7:10

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	329667		
82	55.0		45.2	67.8
119	31.9		27.5	41.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059256.D
Acq: 21 Jun 2018 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	203701		
115	58.8		28.5	85.5
150	160.4		0.0	323.8

