

Data File : VF062457.D
Acq On : 11 May 2019 13:52
Operator : FY/SY
Sample : K2754-03
Misc : 6.32g/5mL/MSVOA_F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-3

Manual Integrations
APPROVED

MMDadoda
5/12/2019 12:04:33 PM

Quant Time: May 12 13:19:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	320008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	424475	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	335474	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	182484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	150495	49.76	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.52%	
35) Dibromofluoromethane	4.32	113	172217	50.93	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	7.72	98	345215	42.17	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.34%	
62) 4-Bromofluorobenzene	11.50	95	147370	39.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.80%	
Target Compounds						
20) Methylene Chloride	2.34	84	16692m	7.541	ug/l	Qvalue
52) Toluene	7.79	92	9202	1.858	ug/l	96

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

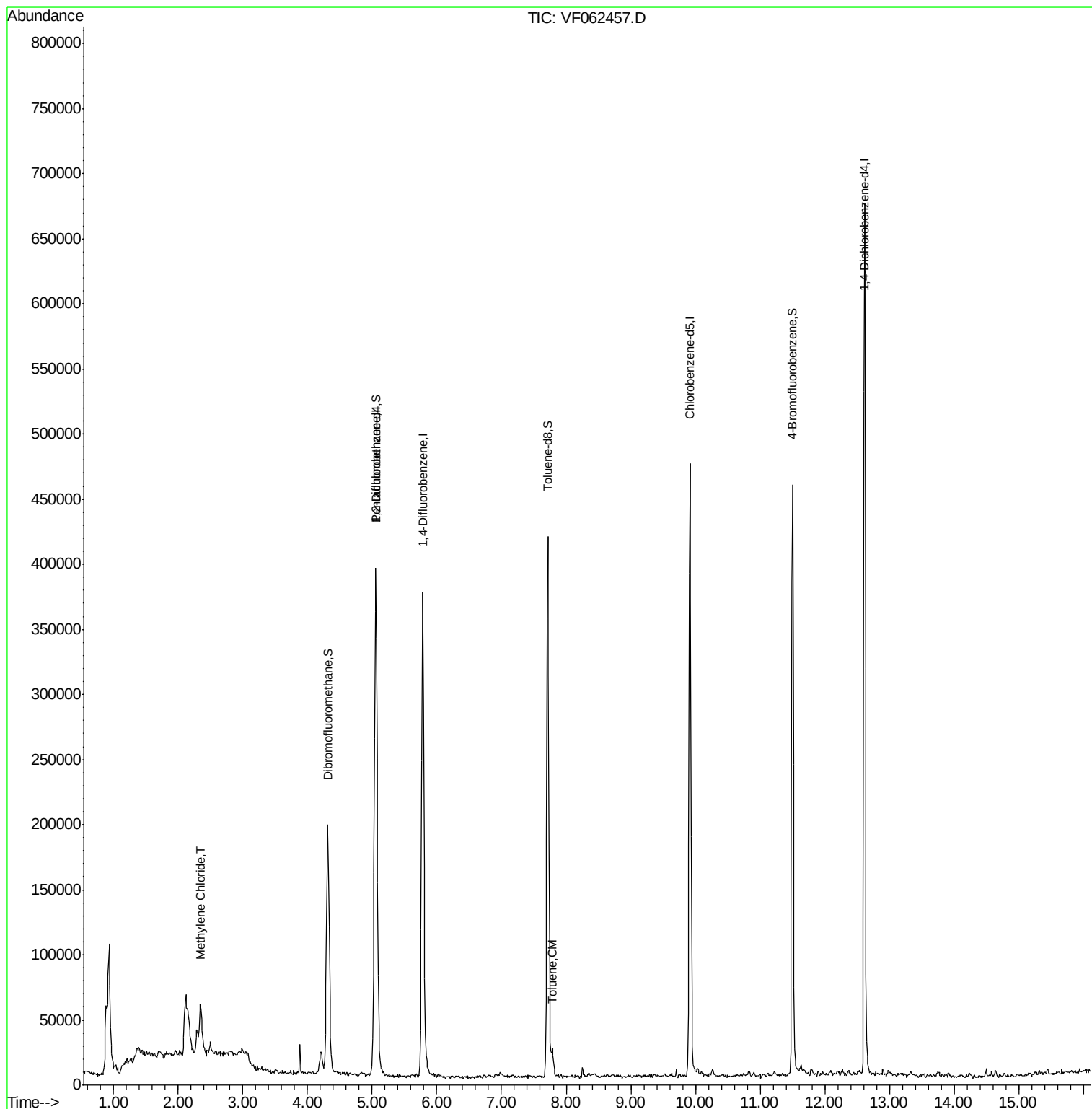
Data File : VF062457.D
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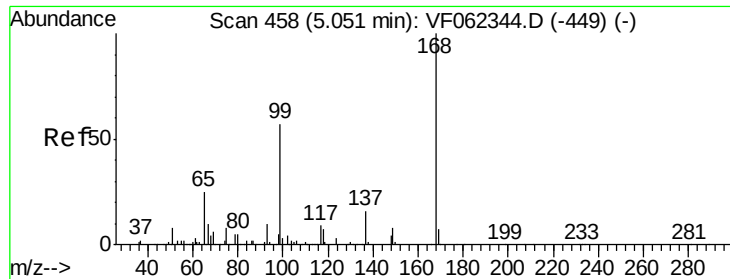
Instrument :
MSVOA_F
ClientSampleId :
TP-3

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Quant Time: May 12 13:19:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF062457.D

Acq: 11 May 2019 13:52

Instrument :

MSVOA_F

ClientSampleId :

TP-3

Tgt Ion:168 Resp: 320008

Ion Ratio Lower Upper

168 100

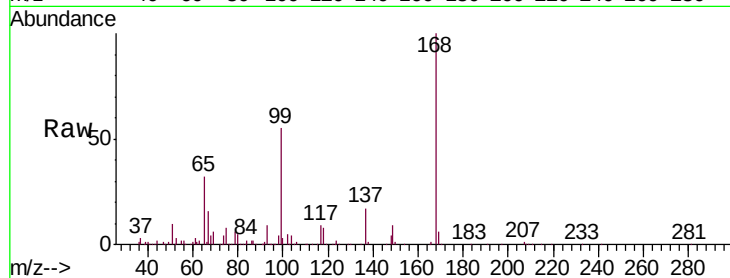
99 54.7 45.9 68.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

120000

100000

80000

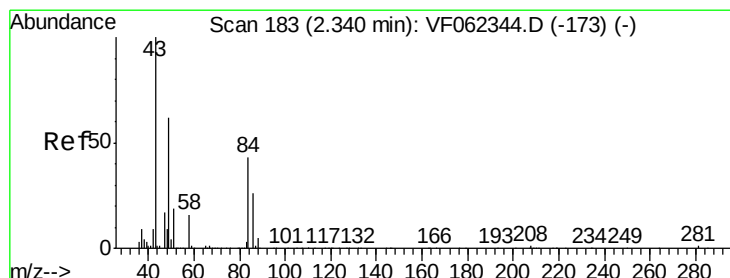
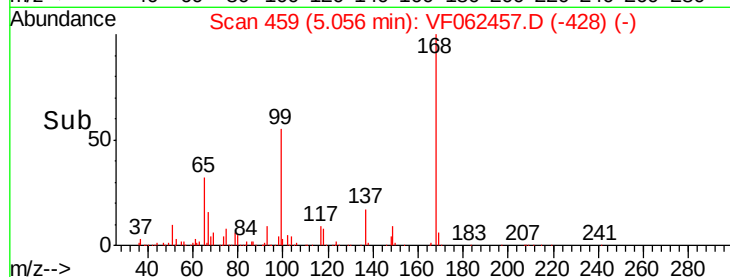
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 7.541 ug/l m

RT: 2.34 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF062457.D

Acq: 11 May 2019 13:52

Tgt Ion: 84 Resp: 16692

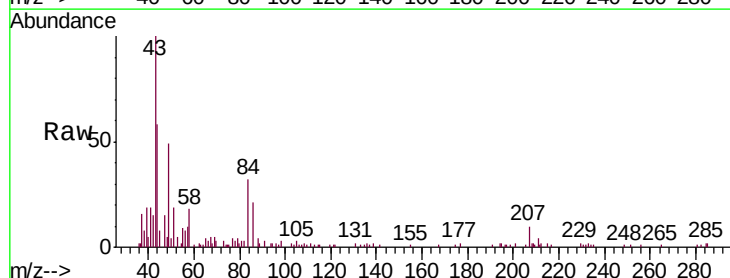
Ion Ratio Lower Upper

84 100

49 153.7 117.5 176.3

51 59.8 37.0 55.4#

86 66.2 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0

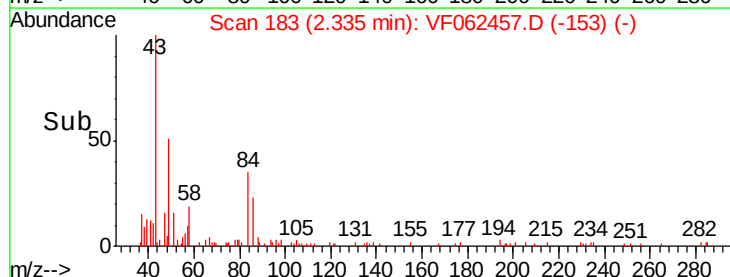
6000

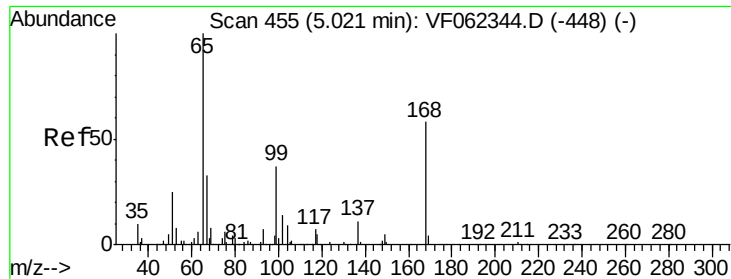
4000

2000

0

Time-->





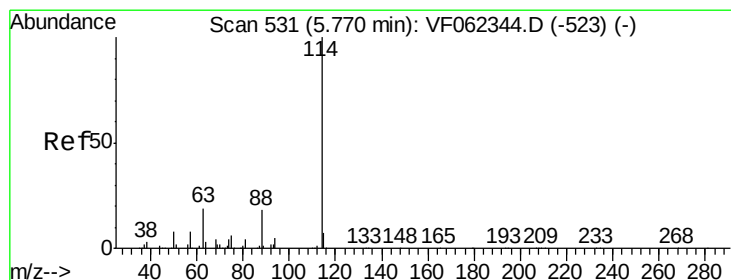
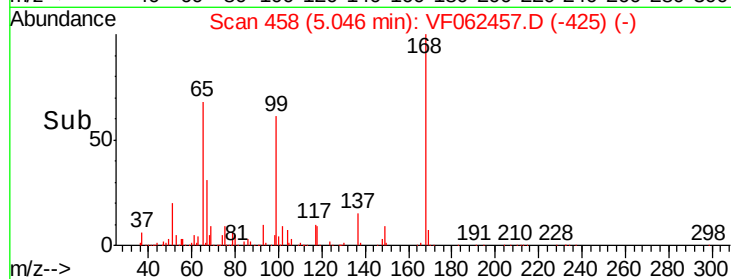
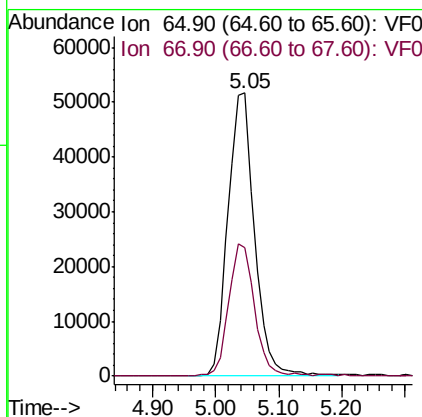
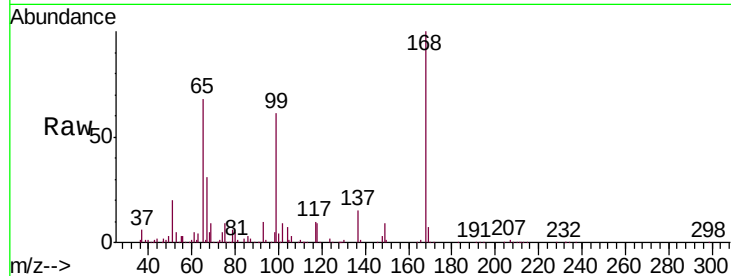
#33
 1,2-Dichloroethane-d4
 Concen: 49.763 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. 0.02 min
 Lab File: VF062457.D
 Acq: 11 May 2019 13:52

Instrument :
 MSVOA_F
 ClientSampled :
 TP-3

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	150495		
67	45.6	0.0	85.8	

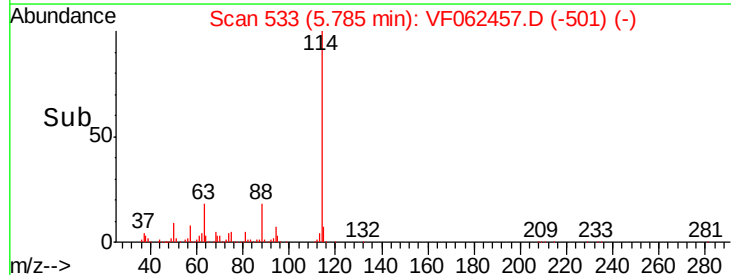
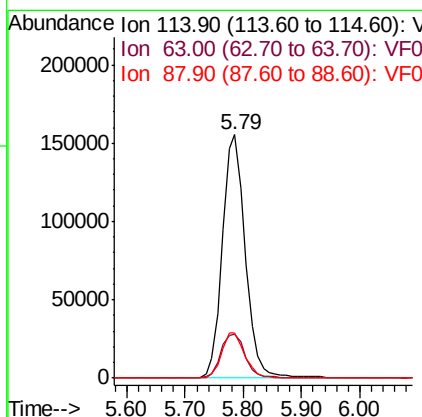
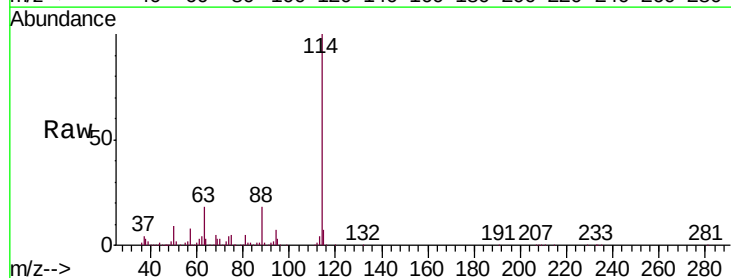
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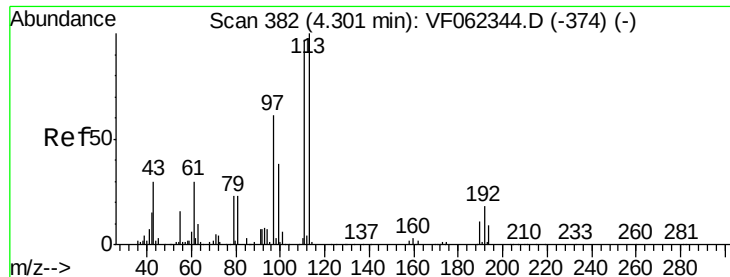
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VF062457.D
 Acq: 11 May 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	424475		
63	18.2	0.0	37.4	
88	18.3	0.0	36.4	





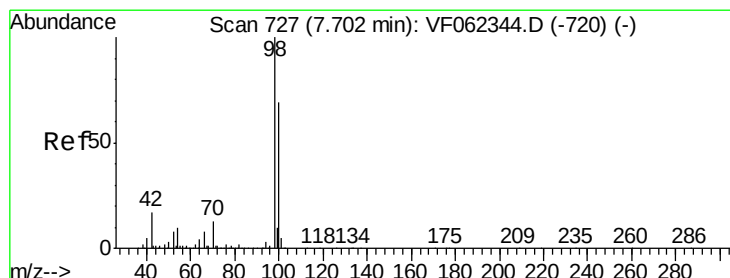
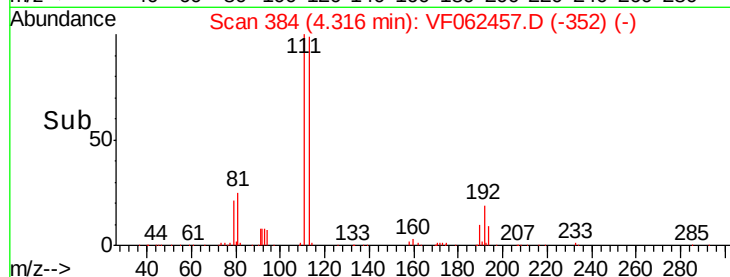
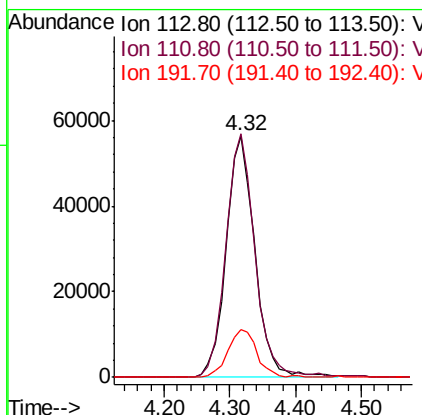
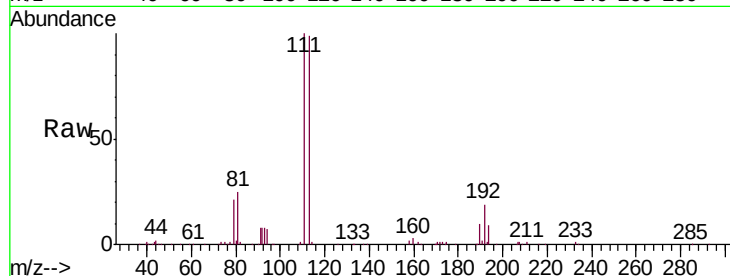
#35
Dibromofluoromethane
Concen: 50.926 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062457.D
Acq: 11 May 2019 13:52

Instrument :
MSVOA_F
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.4	119.0
192	20.4	16.0	24.0

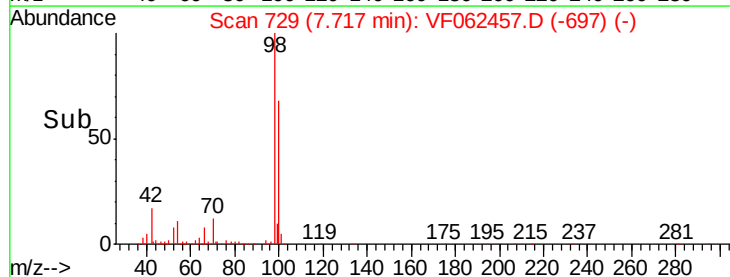
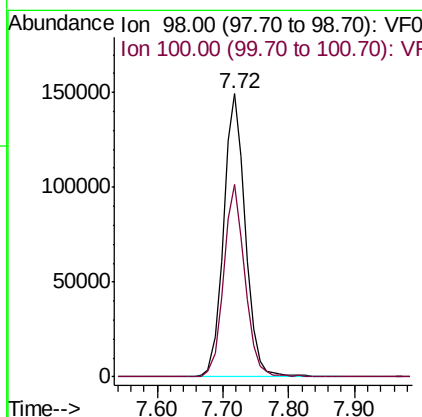
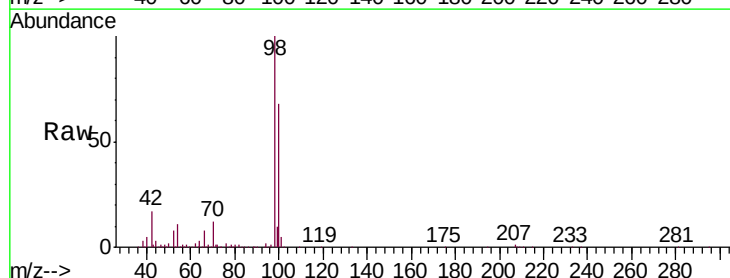
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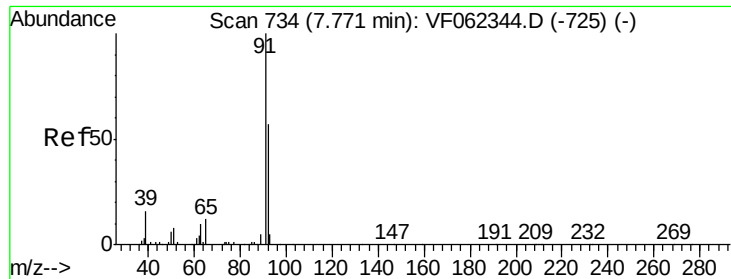
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#50
Toluene-d8
Concen: 42.172 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062457.D
Acq: 11 May 2019 13:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9





#52

Toluene

Concen: 1.858 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.01 min

Lab File: VF062457.D

Acq: 11 May 2019 13:52

Instrument :

MSVOA_F

ClientSampleId :

TP-3

Tgt Ion: 92 Resp: 9202

Ion Ratio Lower Upper

92 100

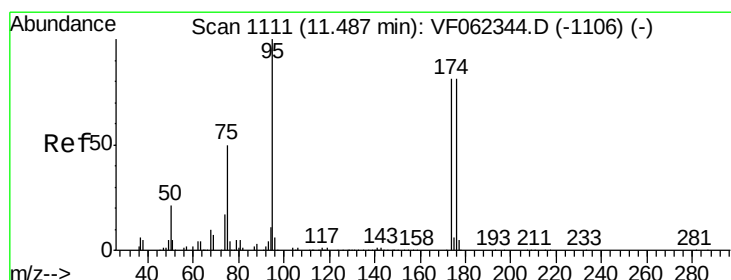
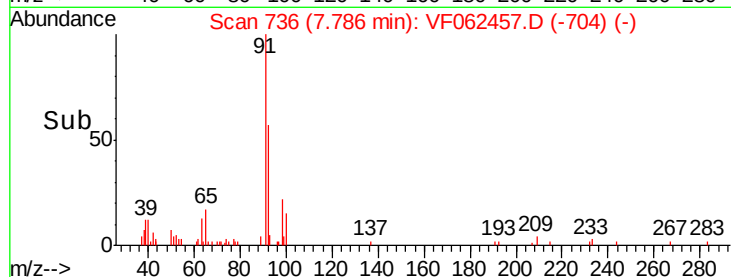
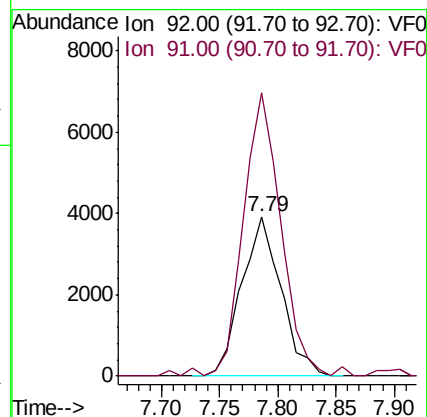
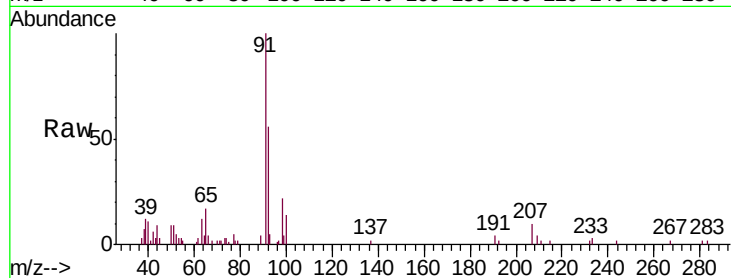
91 168.5 138.7 208.1

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#62

4-Bromofluorobenzene

Concen: 39.903 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062457.D

Acq: 11 May 2019 13:52

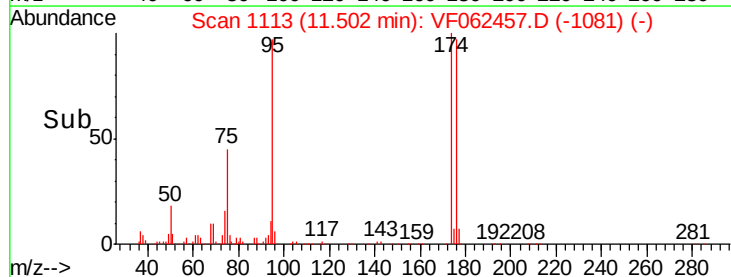
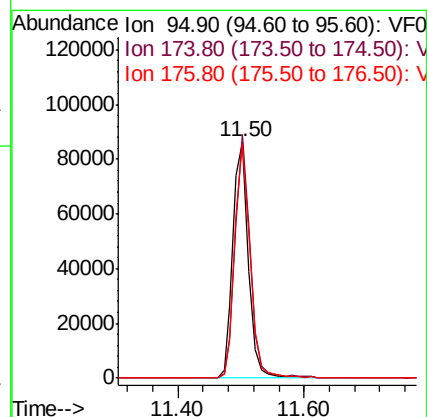
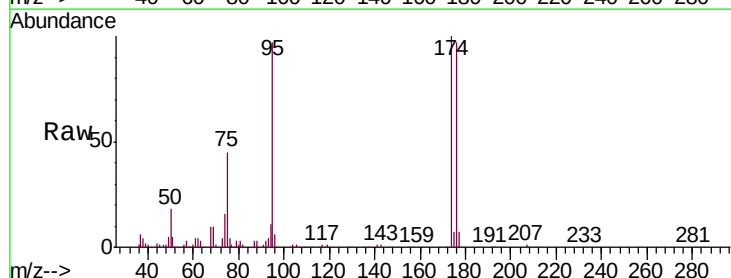
Tgt Ion: 95 Resp: 147370

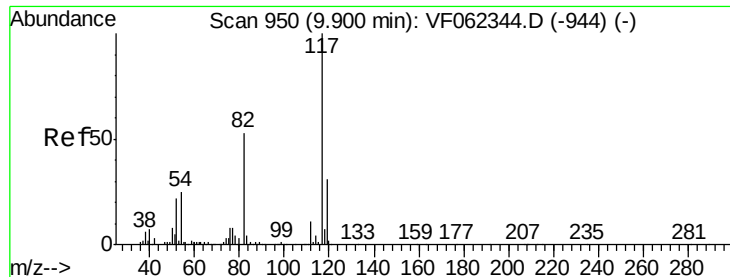
Ion Ratio Lower Upper

95 100

174 99.1 0.0 191.8

176 97.1 0.0 193.2





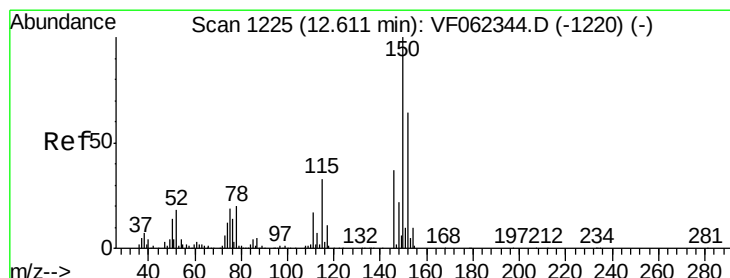
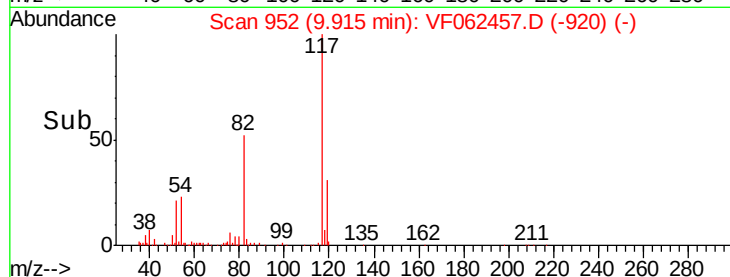
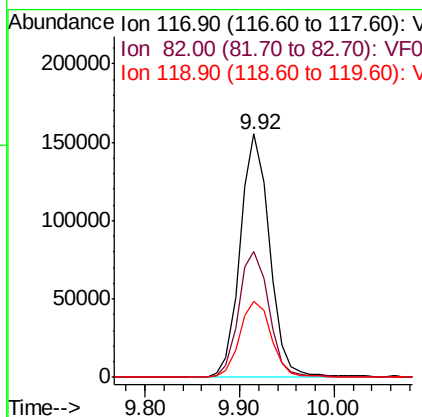
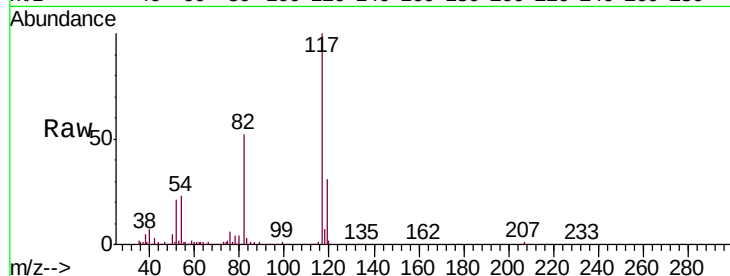
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062457.D
Acq: 11 May 2019 13:52

Instrument :
MSVOA_F
ClientSampleId :
TP-3

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	335474		
82	51.8	42.2	63.2	
119	31.4	25.0	37.4	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062457.D
Acq: 11 May 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	182484		
115	53.4	26.4	79.2	
150	154.1	0.0	335.0	

