

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
 Data File : VF060858.D
 Acq On : 28 Nov 2018 16:09
 Operator : VA/AP
 Sample : J5768-07RE
 Misc : 6.81g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-112818RE

Manual Integrations
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 11/29/2018 2:56:35 PM

Quant Time: Nov 29 04:17:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	212581	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.63	114	363022	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.80	117	323773	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	172220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	133647	53.37	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.74%	
35) Dibromofluoromethane	4.14	113	146465	50.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.72%	
50) Toluene-d8	7.58	98	371784	43.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.64%	
62) 4-Bromofluorobenzene	11.43	95	182311	47.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	94.56%	
Target Compounds						
16) Acetone	2.25	43	19427	42.07	ug/l	99
20) Methylene Chloride	2.20	84	22836m	13.48	ug/l	

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

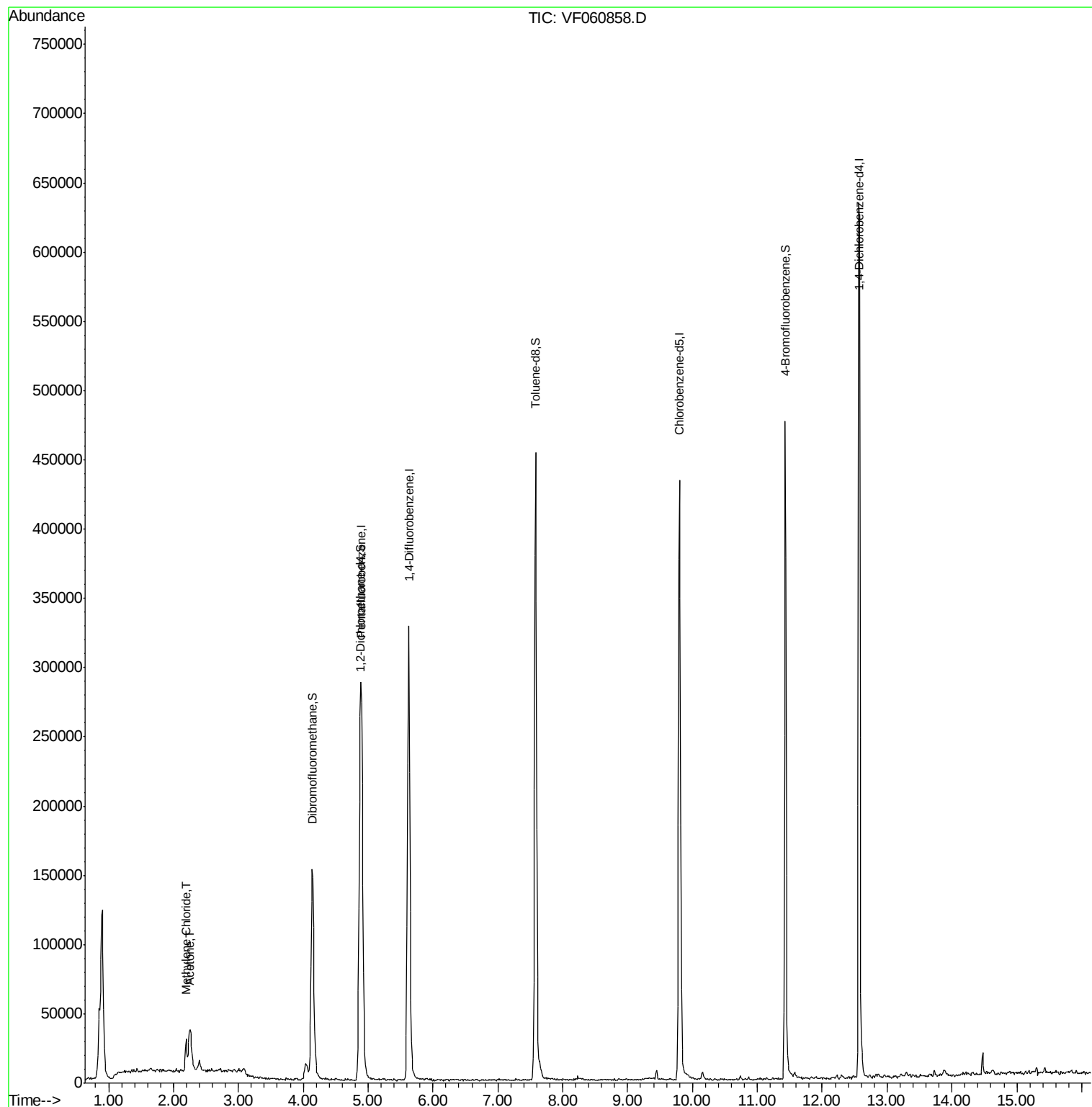
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

Lab File: VF060858.D

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Instrument :

MSVOA_F

ClientSampleId :

OK-01-112818RE

Tgt Ion:168 Resp: 212581

Ion Ratio Lower Upper

168 100

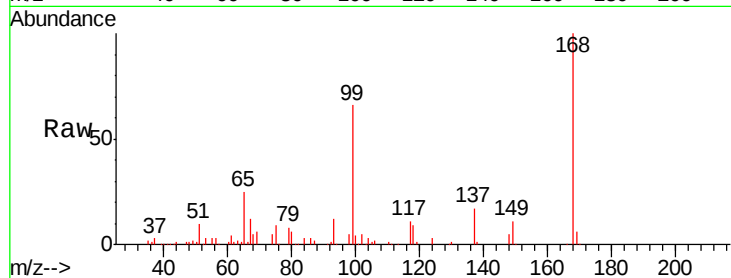
99 66.0 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.90

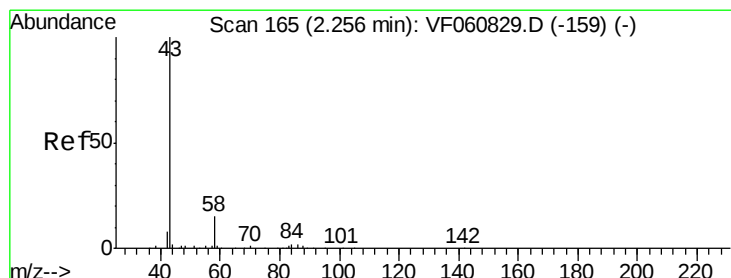
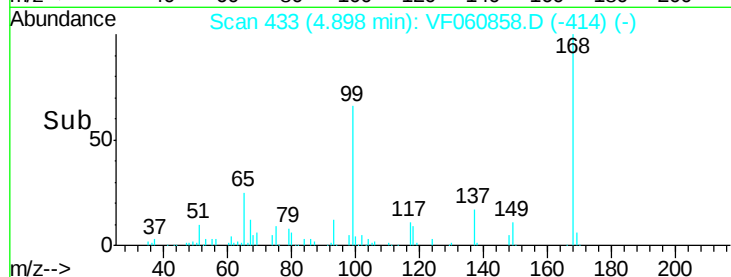
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 42.07 ug/l

RT: 2.25 min Scan# 165

Delta R.T. -0.00 min

Lab File: VF060858.D

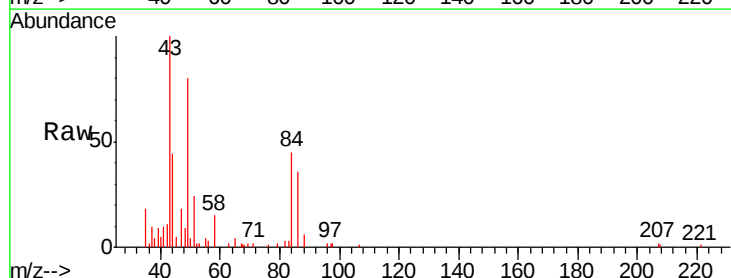
Acq: 28 Nov 2018 16:09

Tgt Ion: 43 Resp: 19427

Ion Ratio Lower Upper

43 100

58 14.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

8000

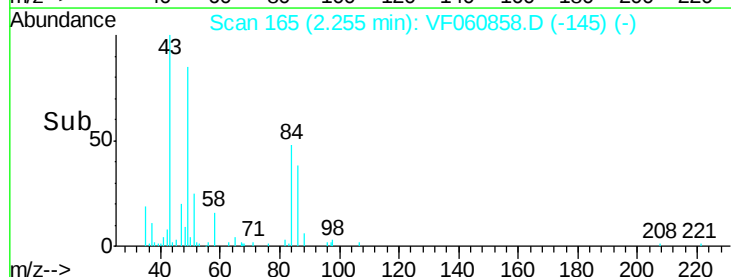
6000

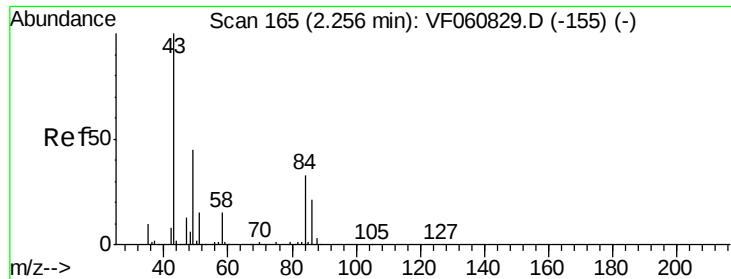
4000

2000

0

Time--> 2.15 2.20 2.25 2.30 2.35





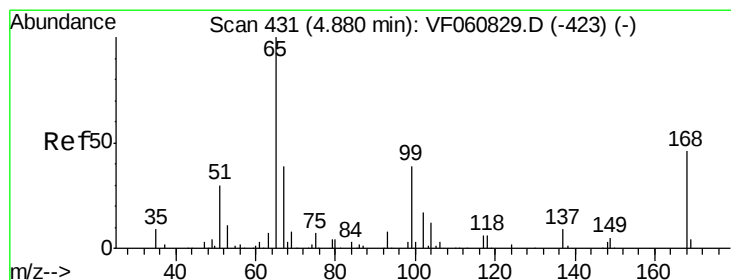
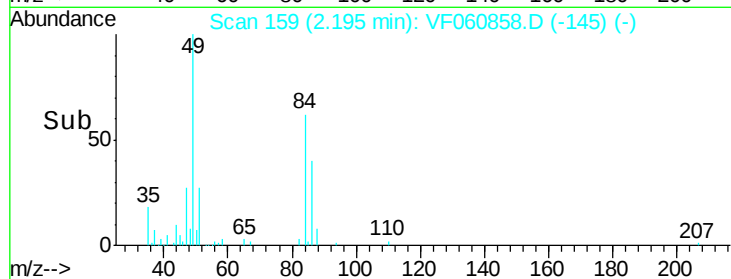
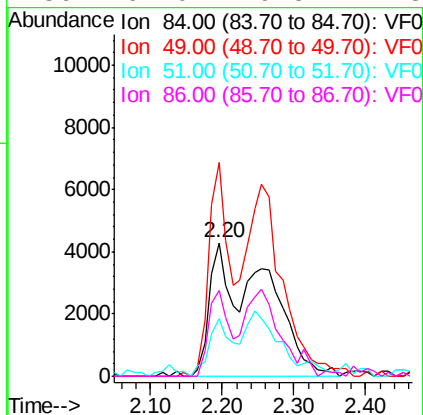
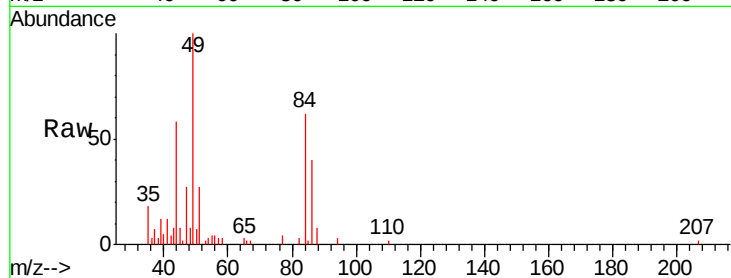
#20
Methylene Chloride
Concen: 13.48 ug/l m
RT: 2.20 min Scan# 159
Delta R.T. -0.06 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :
OK-01-112818RE

Tgt Ion: 84 Resp: 22836
Ion Ratio Lower Upper
84 100
49 160.4 111.3 166.9
51 42.9 38.0 57.0
86 64.0 49.8 74.8

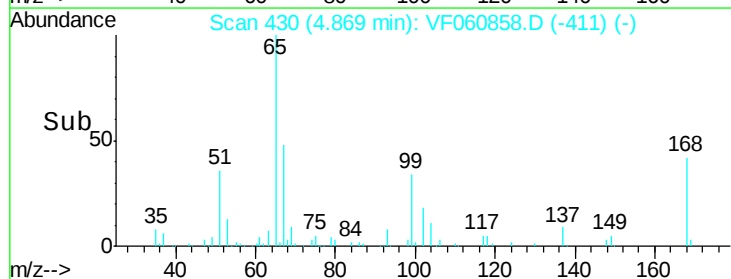
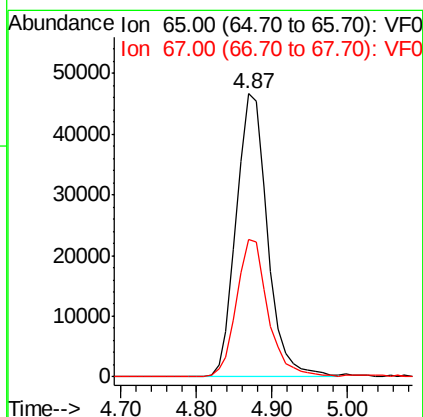
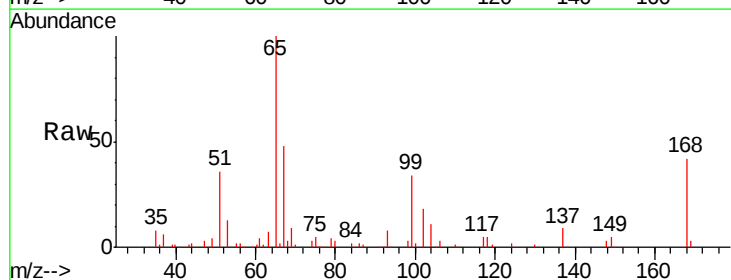
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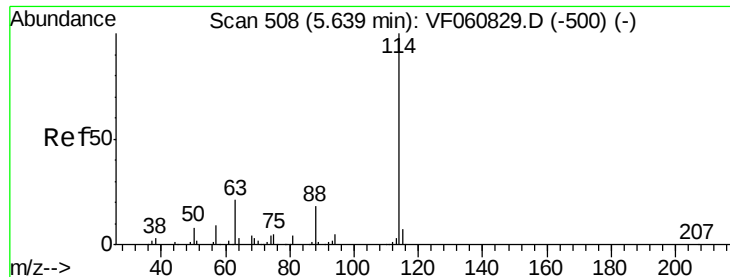
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#33
1,2-Dichloroethane-d4
Concen: 53.37 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion: 65 Resp: 133647
Ion Ratio Lower Upper
65 100
67 48.4 0.0 96.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 507

Delta R.T. -0.01 min

Lab File: VF060858.D

Acq: 28 Nov 2018 16:09

Instrument :

MSVOA_F

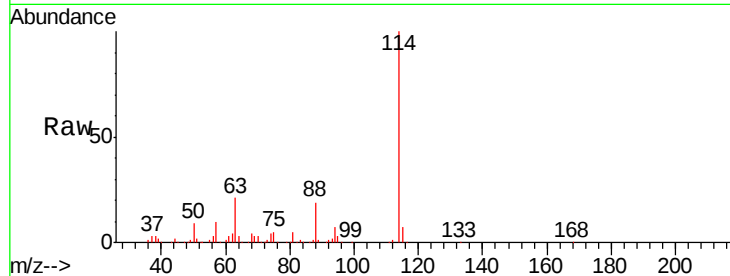
ClientSampleId :

OK-01-112818RE

Tgt	Ion:114	Resp:	363022
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	19.4	0.0	36.6

Manual Integrations
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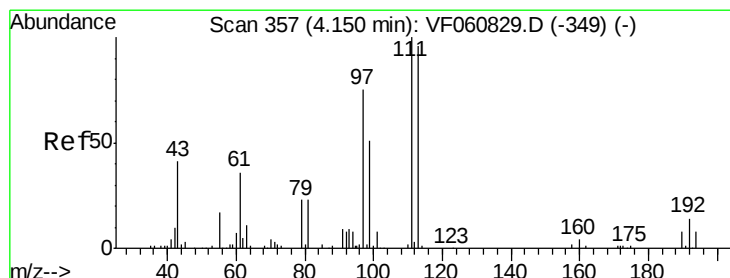
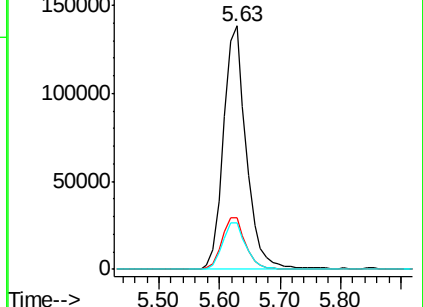
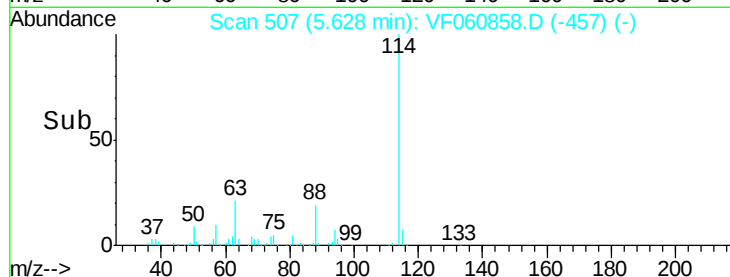
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 50.86 ug/l

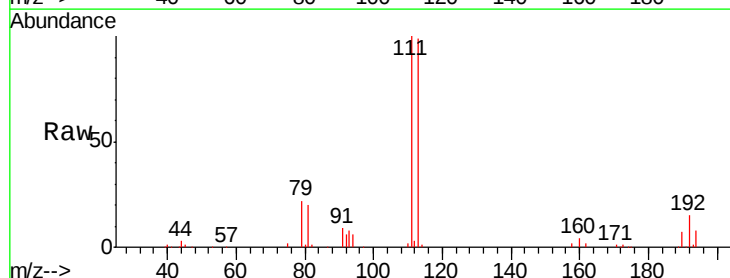
RT: 4.14 min Scan# 356

Delta R.T. -0.01 min

Lab File: VF060858.D

Acq: 28 Nov 2018 16:09

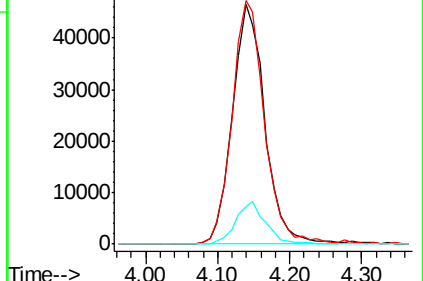
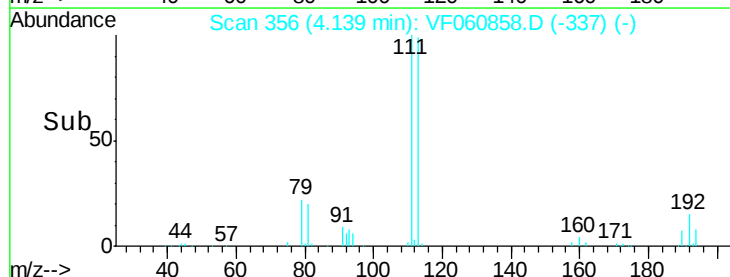
Tgt	Ion:113	Resp:	146465
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	15.5	12.3	18.5

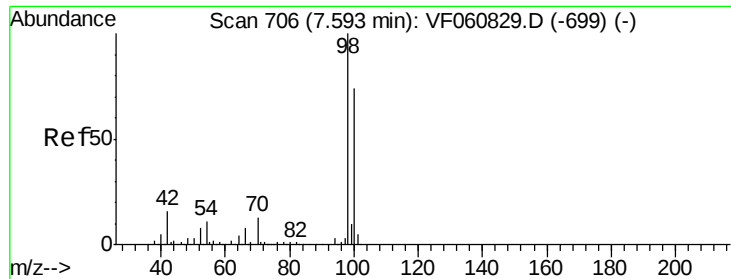


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





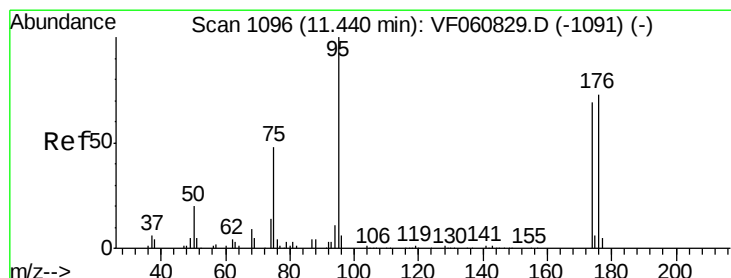
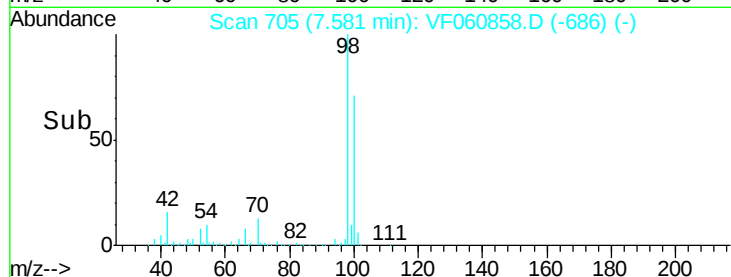
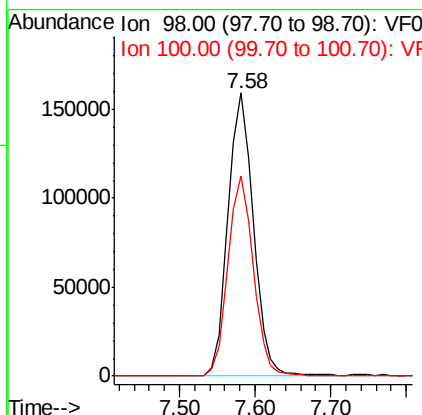
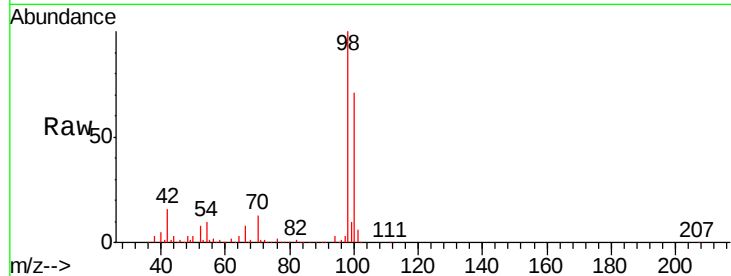
#50
Toluene-d8
Concen: 43.82 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

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Tgt Ion: 98 Resp: 371784
Ion Ratio Lower Upper
98 100
100 70.8 59.3 88.9

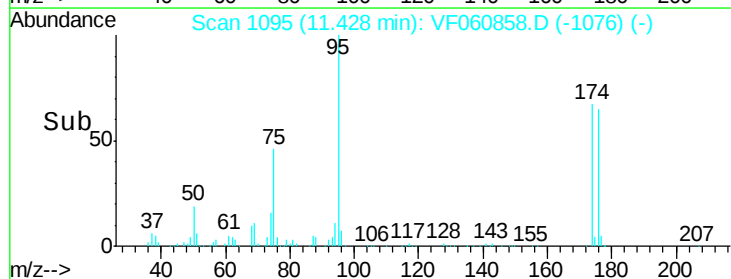
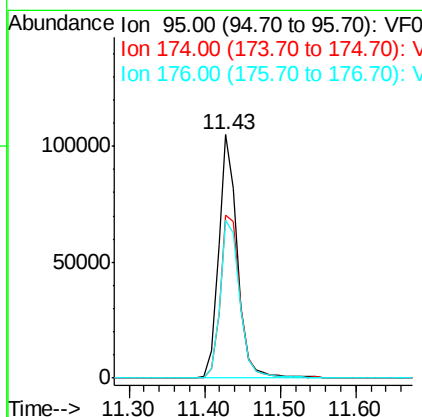
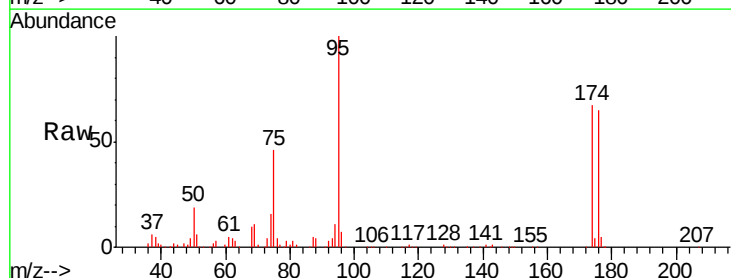
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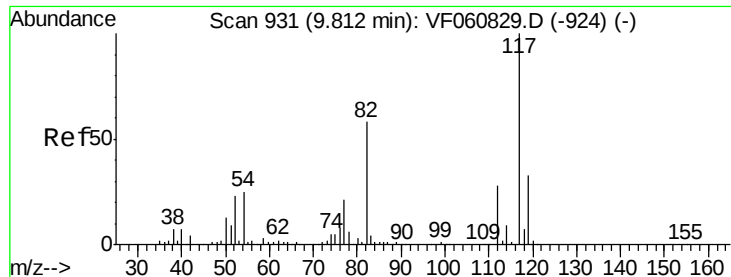
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#62
4-Bromofluorobenzene
Concen: 47.28 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion: 95 Resp: 182311
Ion Ratio Lower Upper
95 100
174 67.0 0.0 138.2
176 64.9 0.0 146.2





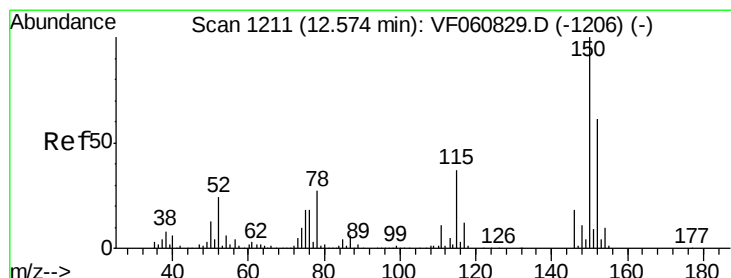
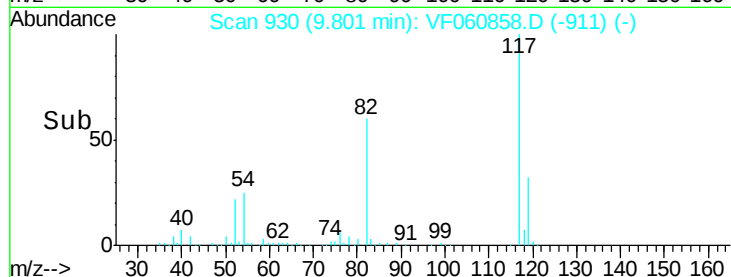
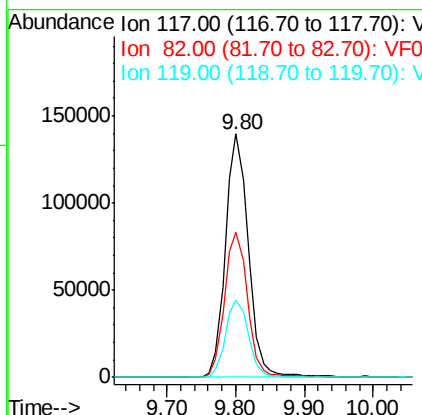
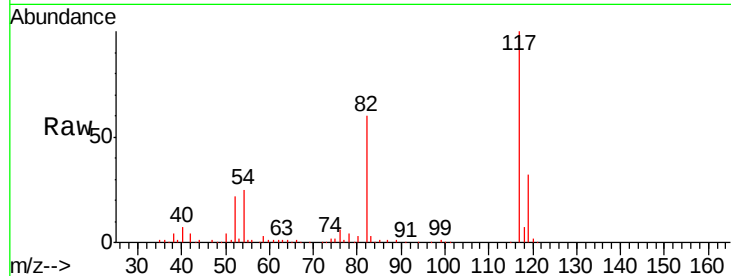
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :
OK-01-112818RE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	323773		
82	59.5	46.6	69.8	
119	31.7	26.4	39.6	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	172220		
115	56.1	30.1	90.5	
150	156.3	0.0	327.6	

