

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
 Data File : VF060859.D
 Acq On : 28 Nov 2018 16:38
 Operator : VA/AP
 Sample : J5767-17RE
 Misc : 7.24g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-112818-ARE

Manual Integrations
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Quant Time: Nov 29 04:19:18 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	197319	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.63	114	349356	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.80	117	302462	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	156550	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	132209	56.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	113.76%	
35) Dibromofluoromethane	4.14	113	146170	52.74	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.48%	
50) Toluene-d8	7.58	98	356741	43.70	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.40%	
62) 4-Bromofluorobenzene	11.43	95	170292	45.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
20) Methylene Chloride	2.26	84	14922m	9.49	ug/l	Qvalue

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

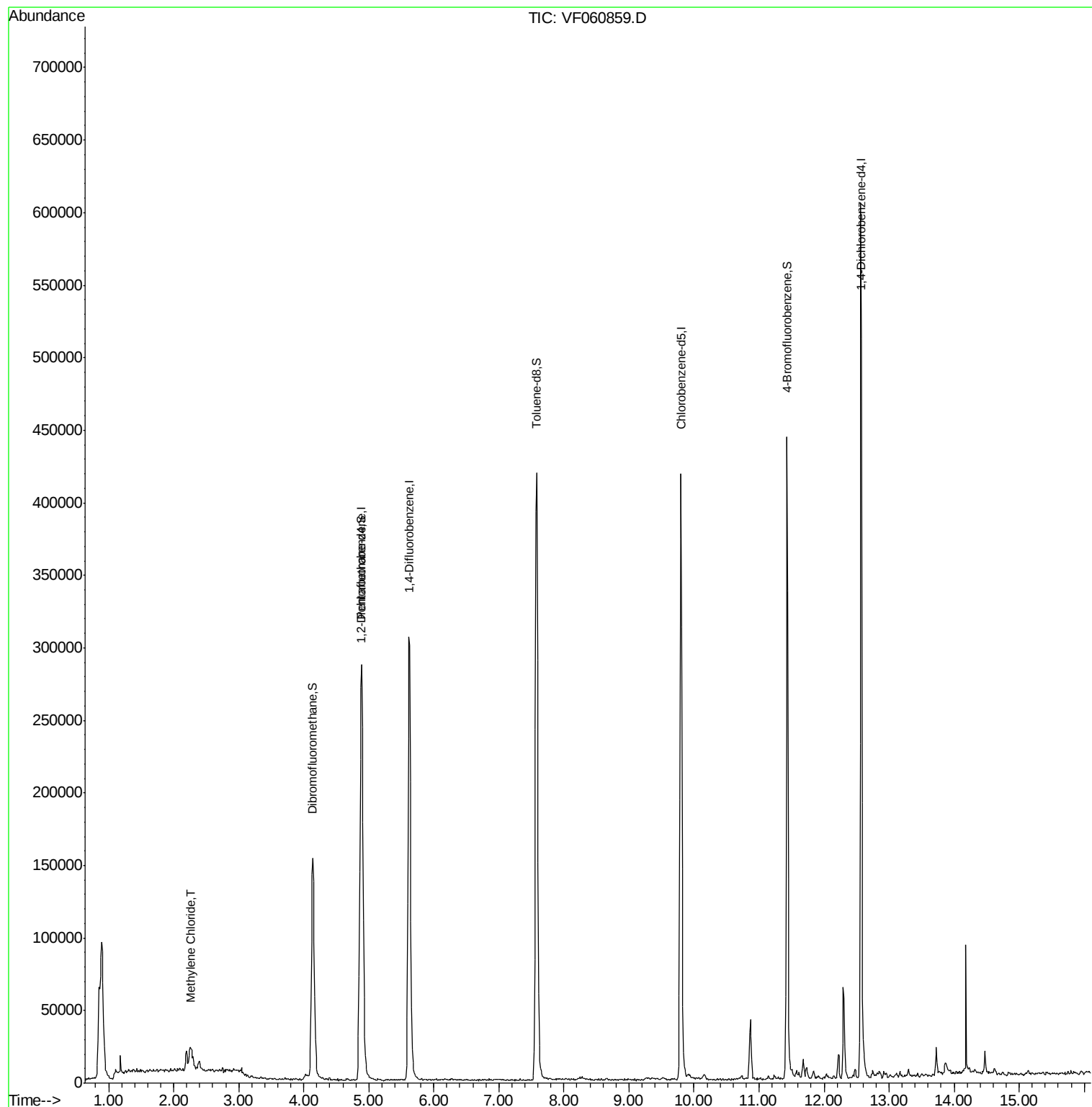
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
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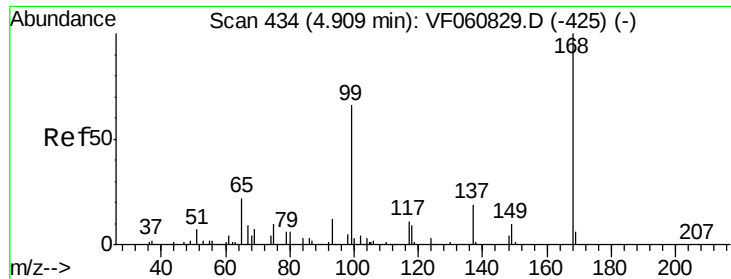
Instrument :
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Quant Time: Nov 29 04:19:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

Lab File: VF060859.D

Acq: 28 Nov 2018 16:38

Instrument :

MSVOA_F

ClientSampleId :

CL-02-112818-ARE

Tgt Ion: 168 Resp: 197319

Ion Ratio Lower Upper

168 100

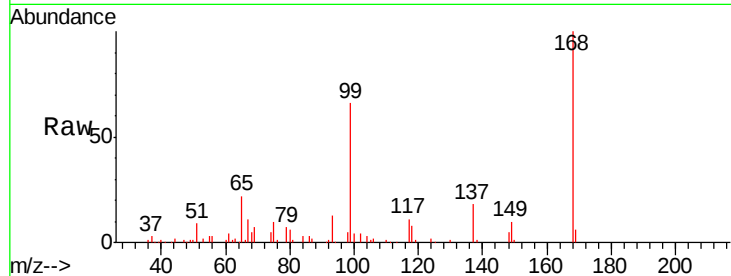
99 66.3 52.6 79.0

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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

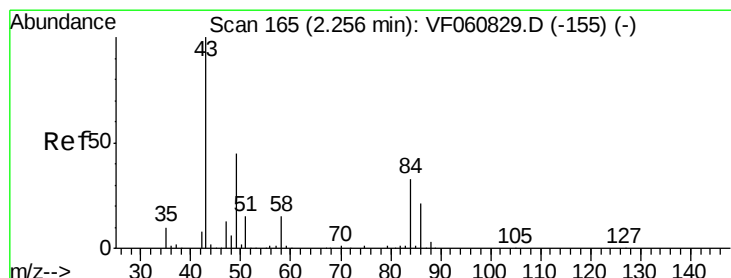
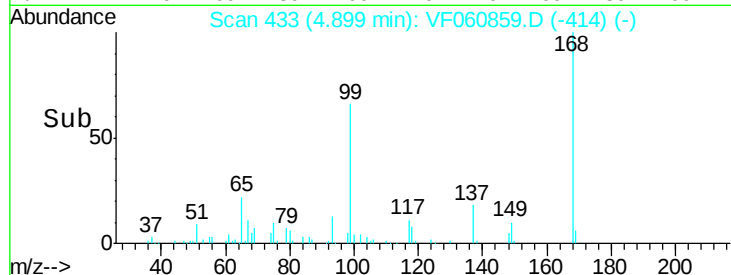
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 9.49 ug/l m

RT: 2.26 min Scan# 166

Delta R.T. 0.01 min

Lab File: VF060859.D

Acq: 28 Nov 2018 16:38

Tgt Ion: 84 Resp: 14922

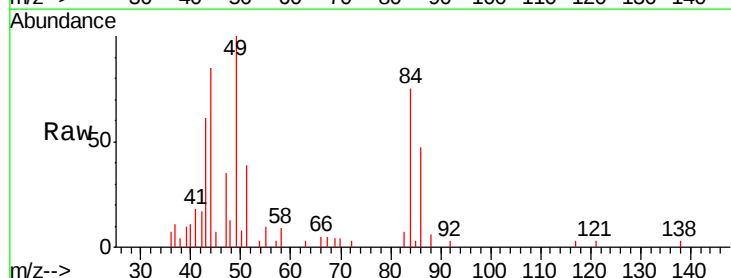
Ion Ratio Lower Upper

84 100

49 132.5 111.3 166.9

51 51.9 38.0 57.0

86 62.3 49.8 74.8



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

5000

4000

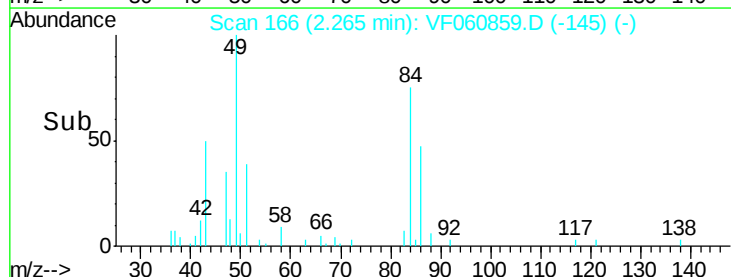
3000

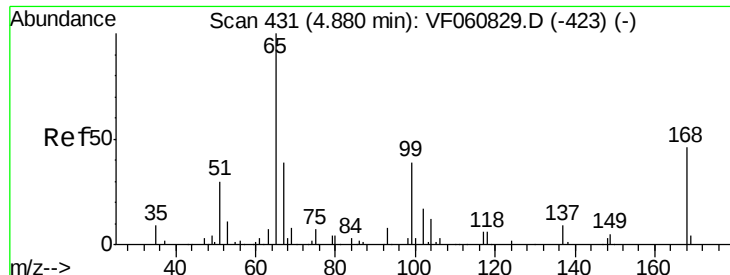
2000

1000

0

Time--> 2.10 2.20 2.30 2.40





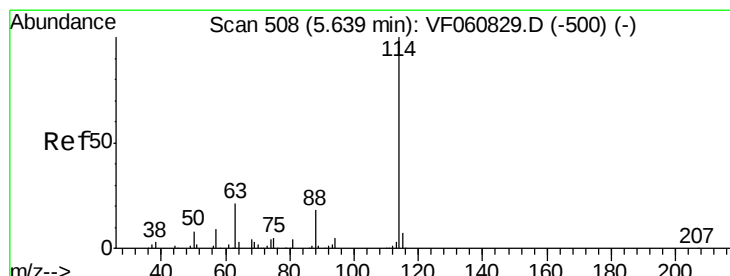
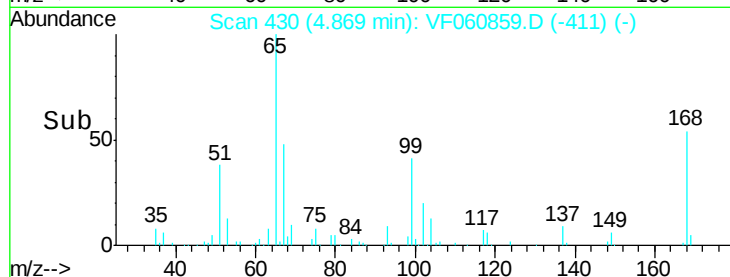
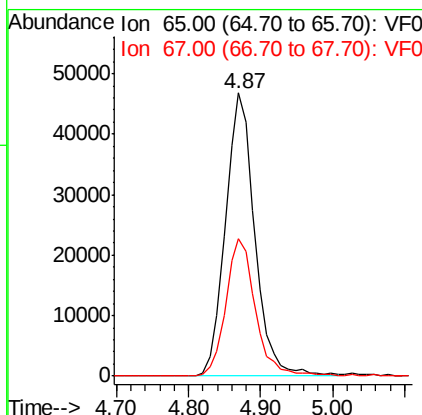
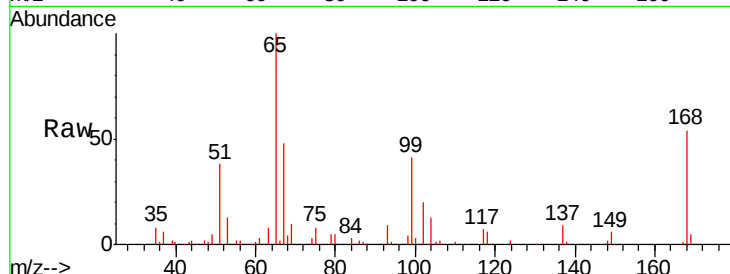
#33
 1,2-Dichloroethane-d4
 Concen: 56.88 ug/l
 RT: 4.87 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VF060859.D
 Acq: 28 Nov 2018 16:38

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-112818-ARE

Tgt Ion: 65 Resp: 132209
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 96.4

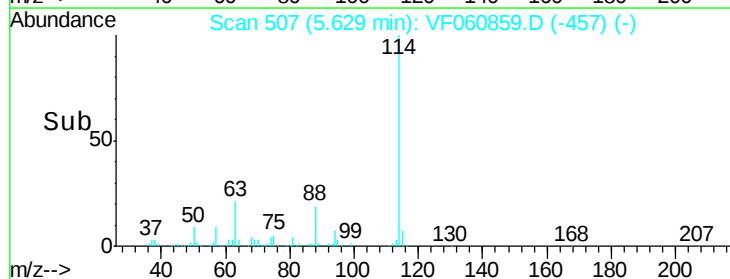
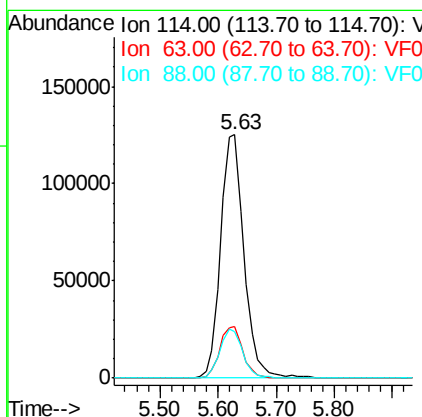
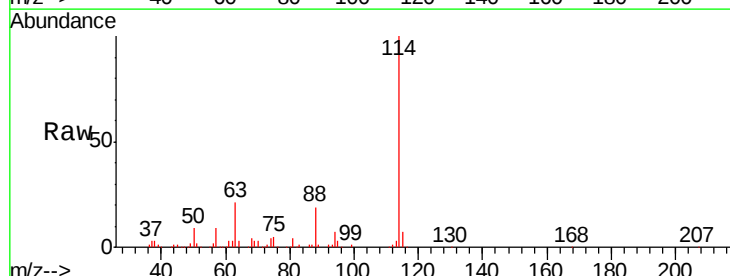
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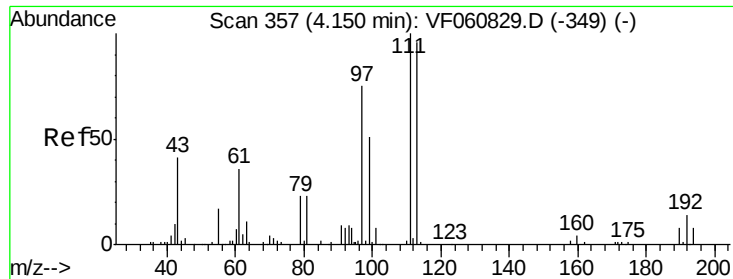
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.63 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VF060859.D
 Acq: 28 Nov 2018 16:38

Tgt Ion: 114 Resp: 349356
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.6
 88 19.1 0.0 36.6





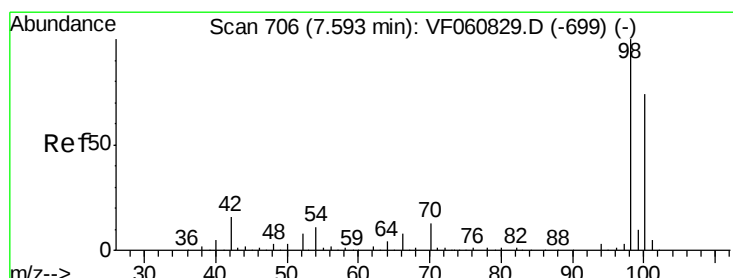
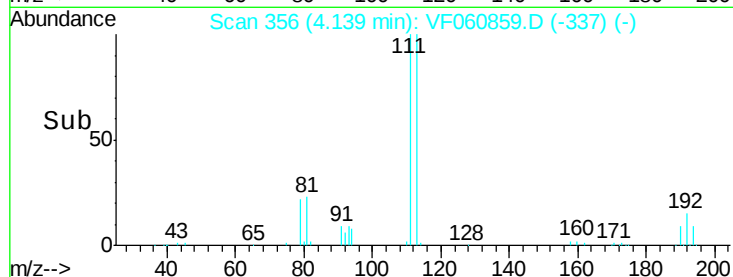
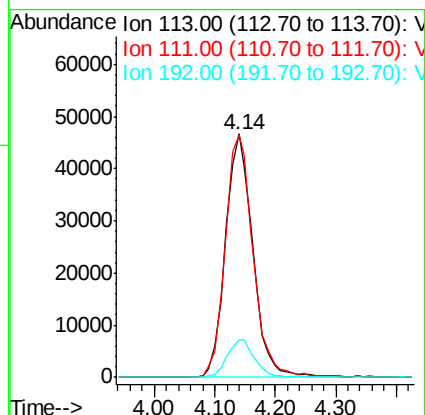
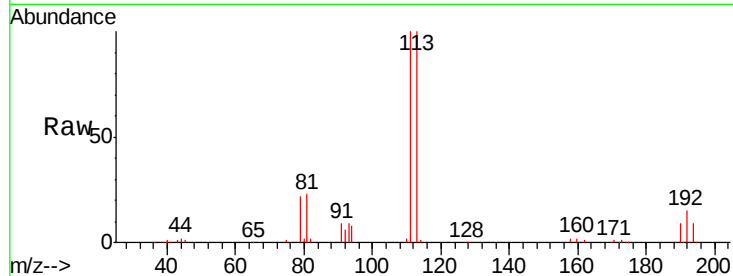
#35
Dibromofluoromethane
Concen: 52.74 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.01 min
Lab File: VF060859.D
Acq: 28 Nov 2018 16:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-112818-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	146170		
111	99.8	83.0	124.6	
192	15.9	12.3	18.5	

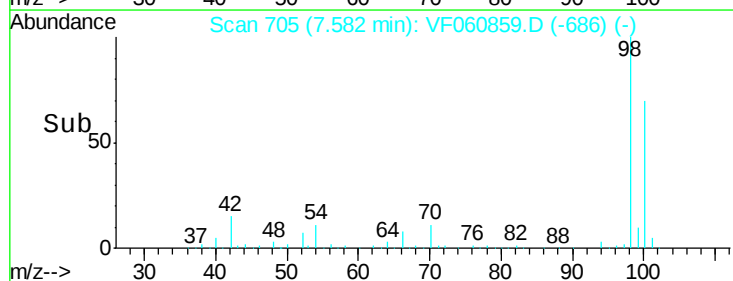
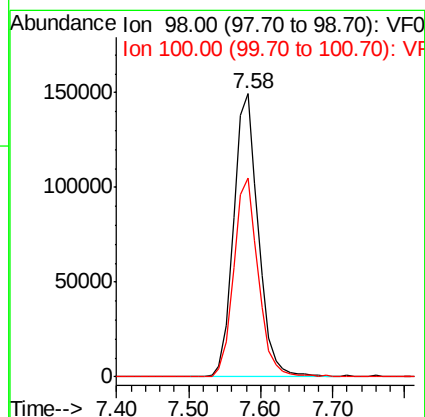
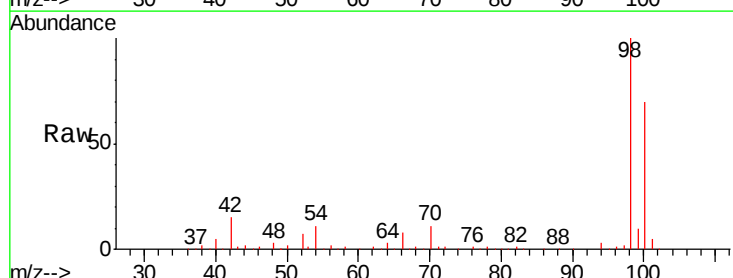
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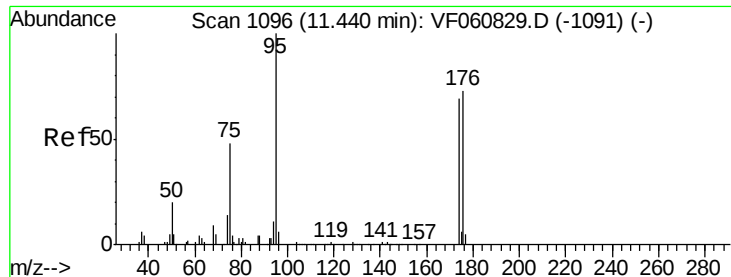
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#50
Toluene-d8
Concen: 43.70 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF060859.D
Acq: 28 Nov 2018 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	356741		
100	70.1	59.3	88.9	





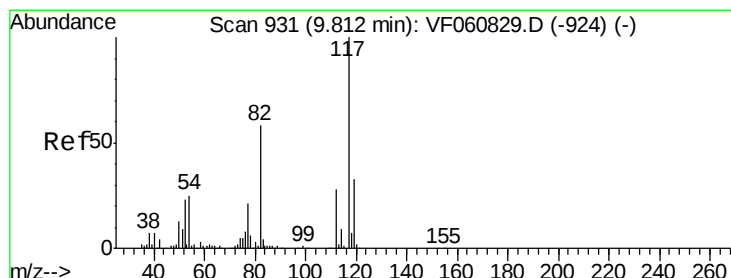
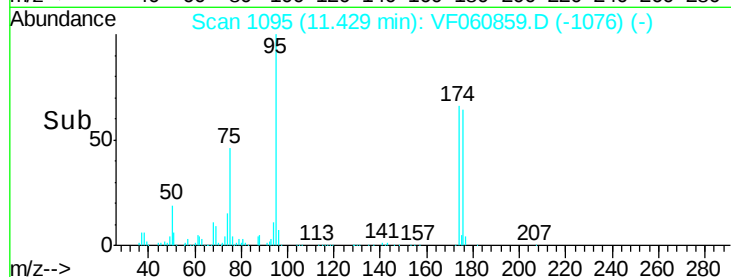
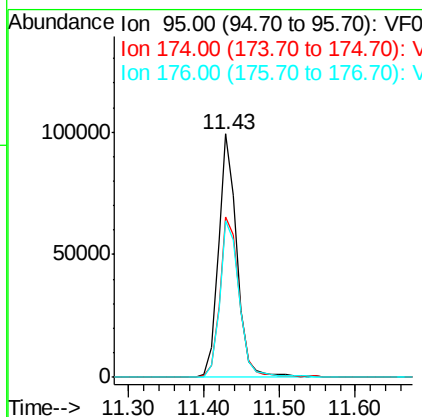
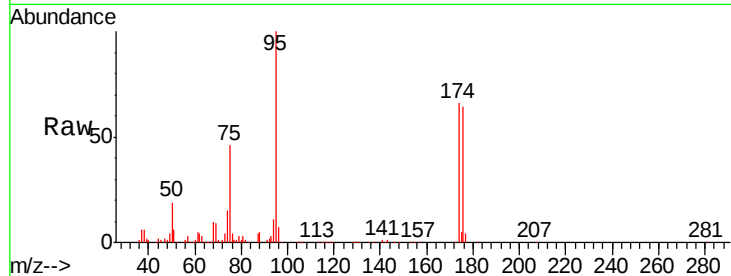
#62
4-Bromofluorobenzene
Concen: 45.90 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060859.D
Acq: 28 Nov 2018 16:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-112818-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	170292		
174	66.0	0.0	138.2	
176	64.2	0.0	146.2	

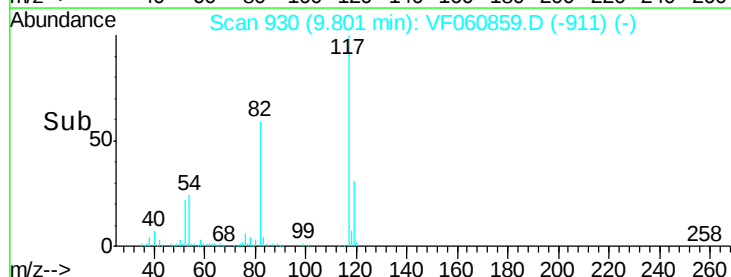
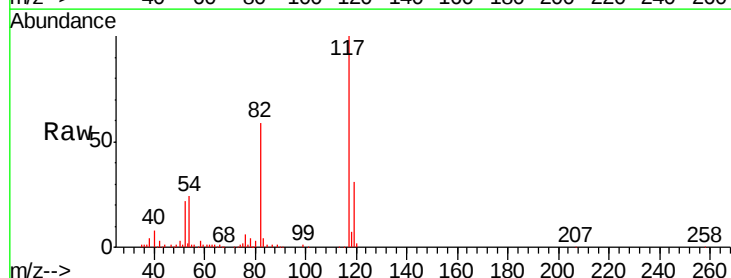
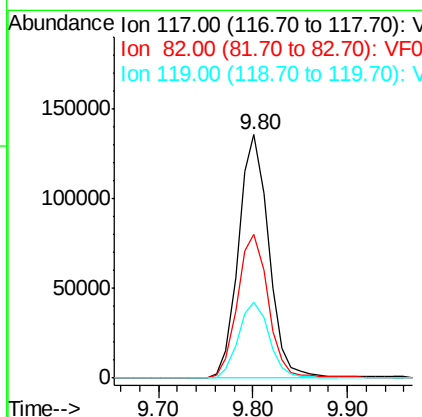
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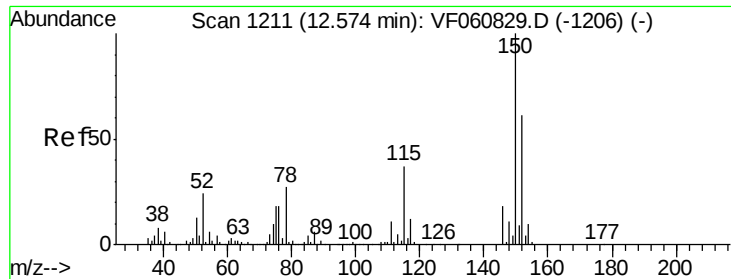
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060859.D
Acq: 28 Nov 2018 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	302462		
82	59.0	46.6	69.8	
119	31.4	26.4	39.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. -0.01 min

Lab File: VF060859.D

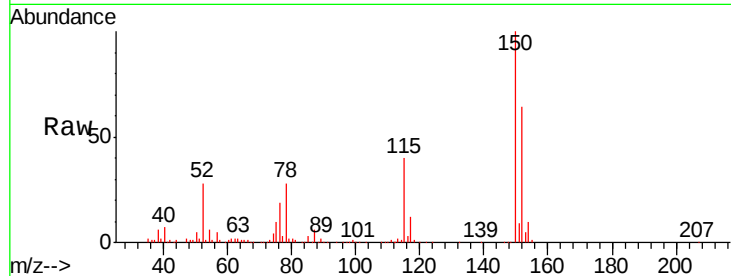
Acq: 28 Nov 2018 16:38

Instrument :

MSVOA_F

ClientSampleId :

CL-02-112818-ARE



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156550		
115	62.6		30.1	90.5
150	155.6		0.0	327.6

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