

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111618\
 Data File : VF060767.D
 Acq On : 16 Nov 2018 16:30
 Operator : VA/AP
 Sample : J5942-01
 Misc : 6.41g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VW-D1

Manual Integrations
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Quant Time: Nov 17 04:41:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	179697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	295936	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	232360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	84133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	87676	42.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.56%	
35) Dibromofluoromethane	4.12	113	101759	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
50) Toluene-d8	7.57	98	225104	38.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.20%	
62) 4-Bromofluorobenzene	11.42	95	80933	29.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.10%	
Target Compounds						
20) Methylene Chloride	2.19	84	13312m	6.663	ug/l	
30) Chloroform	3.87	83	10721	2.226	ug/l	99
95) Naphthalene	14.47	128	3770	1.088	ug/l #	89

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

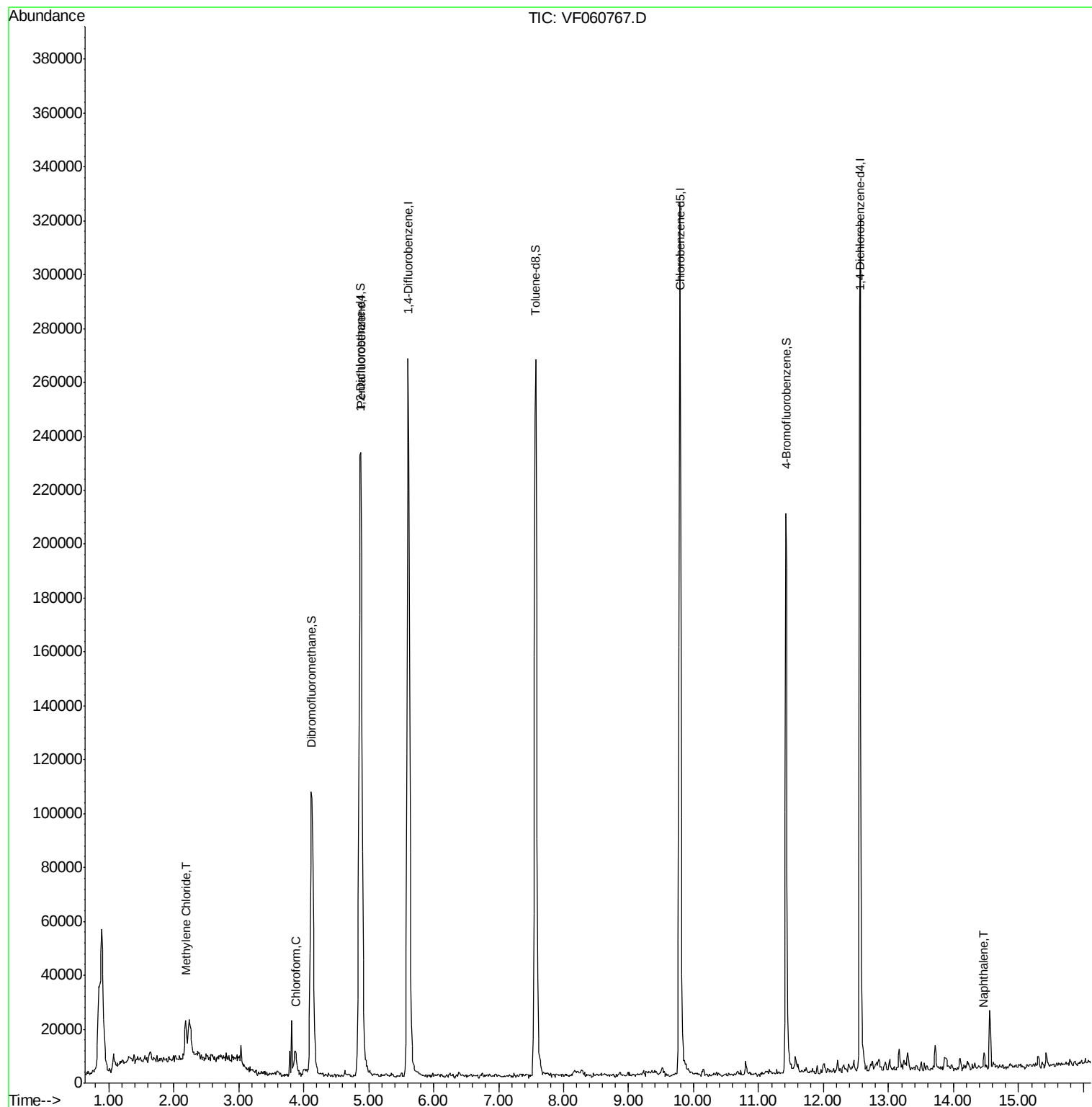
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111618\
Data File : VF060767.D
Acq On : 16 Nov 2018 16:30
Operator : VA/AP
Sample : J5942-01
Misc : 6.41g/5mL/MSVOA-F/SOIL
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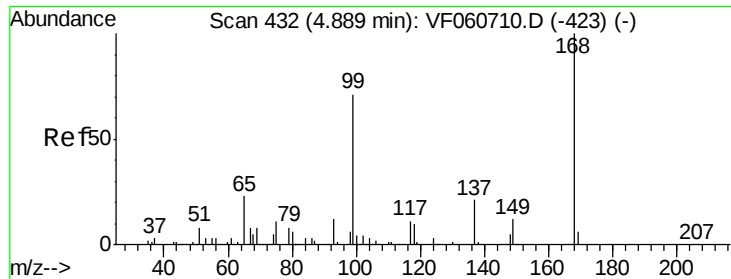
Instrument :
MSVOA_F
ClientSampleId :
VW-D1

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Quant Time: Nov 17 04:41:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060767.D

Acq: 16 Nov 2018 16:30

Instrument :

MSVOA_F

ClientSampleId :

VW-D1

Tot Ion:168 Resp: 179697

Ion Ratio Lower Upper

168 100

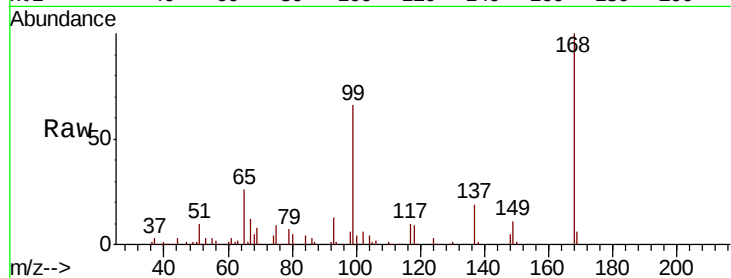
99 66.2 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

60000

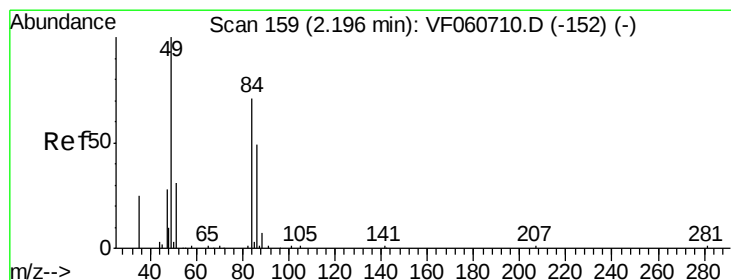
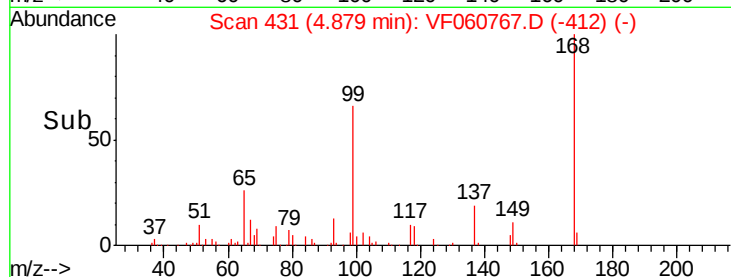
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 6.663 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. -0.01 min

Lab File: VF060767.D

Acq: 16 Nov 2018 16:30

Tgt Ion: 84 Resp: 13312

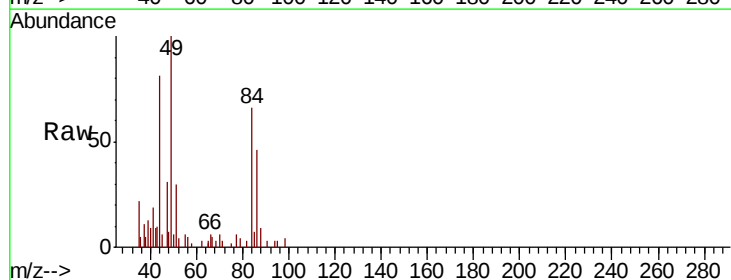
Ion Ratio Lower Upper

84 100

49 150.4 120.2 180.4

51 45.3 37.2 55.8

86 69.7 55.1 82.7



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

6000

5000

4000

3000

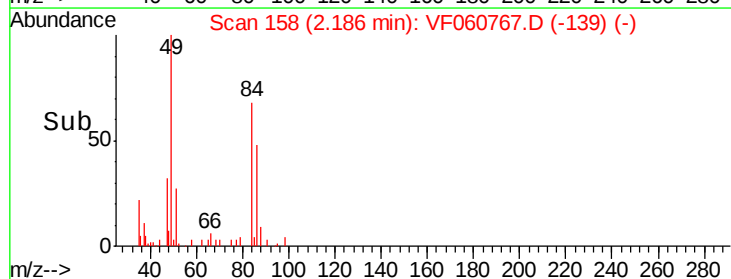
2000

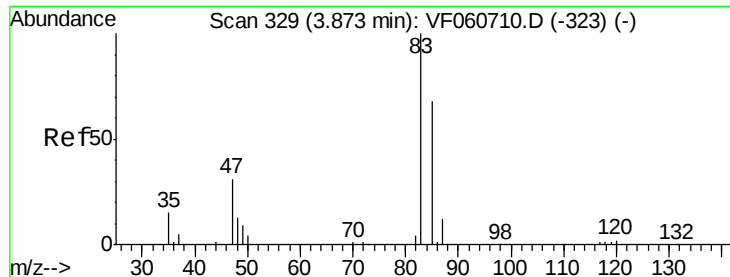
1000

0

Time-->

2.10 2.20 2.30 2.40





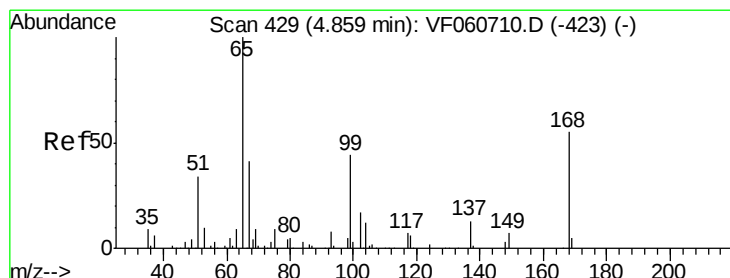
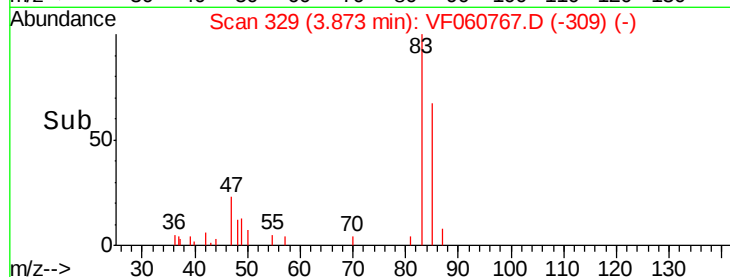
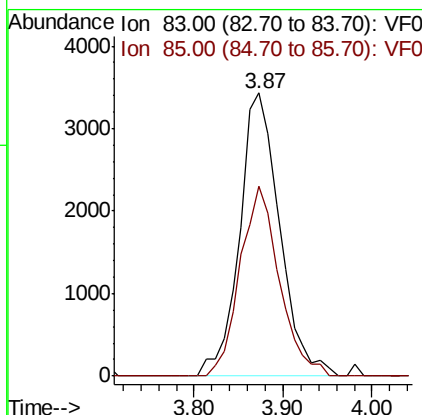
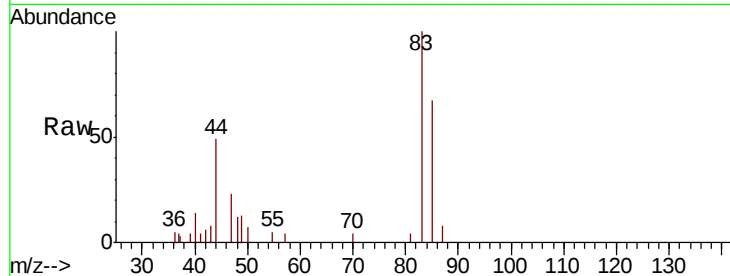
#30
Chloroform
Concen: 2.226 ug/l
RT: 3.87 min Scan# 329
Delta R.T. 0.00 min
Lab File: VF060767.D
Acq: 16 Nov 2018 16:30

Instrument :
MSVOA_F
ClientSampleId :
VW-D1

Tot Ion	83	Resp	10721
Ion Ratio	100	Lower	Upper
83	100		
85	67.2	54.6	82.0

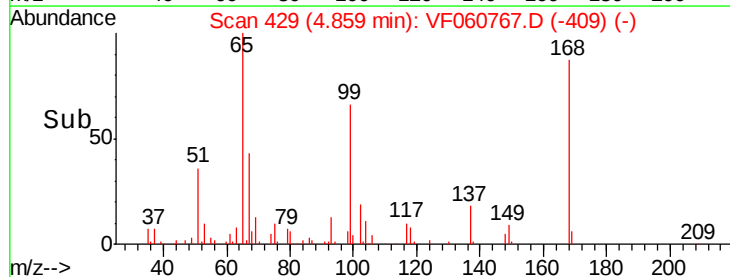
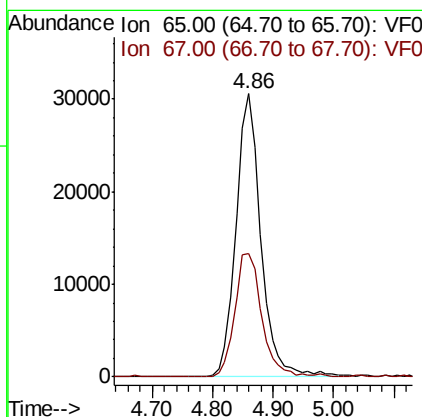
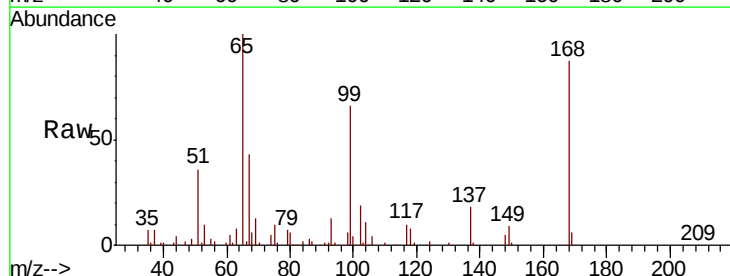
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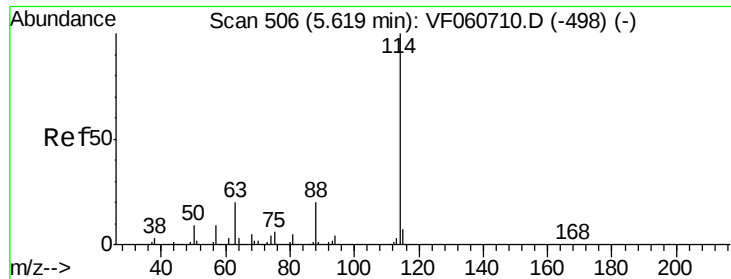
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#33
1,2-Dichloroethane-d4
Concen: 42.776 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.00 min
Lab File: VF060767.D
Acq: 16 Nov 2018 16:30

Tgt Ion	65	Resp	87676
Ion Ratio	100	Lower	Upper
65	100		
67	43.5	0.0	90.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF060767.D

Acq: 16 Nov 2018 16:30

Instrument :

MSVOA_F

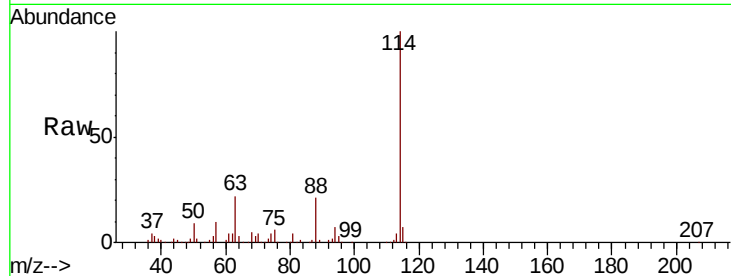
ClientSampleId :

VW-D1

Tot Ion	Ratio	Resp	Lower	Upper
114	100	295936		
63	22.1		0.0	40.8
88	20.6		0.0	39.6

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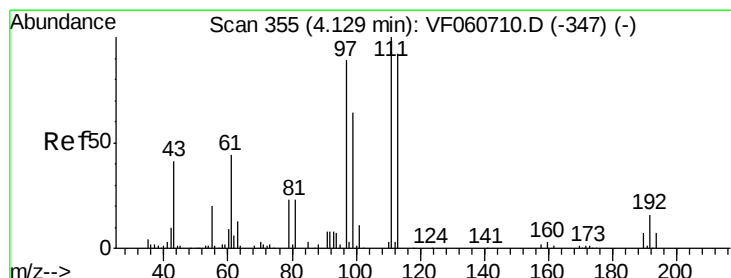
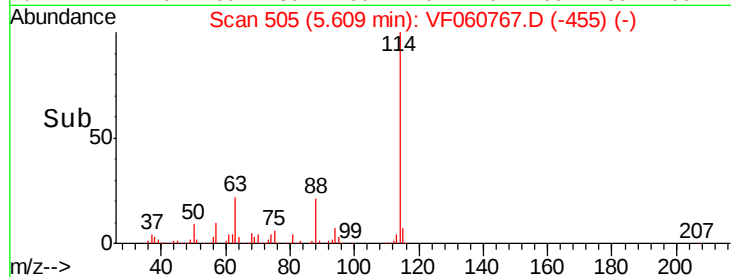
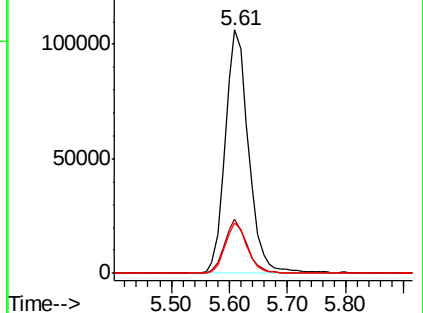
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 45.744 ug/l

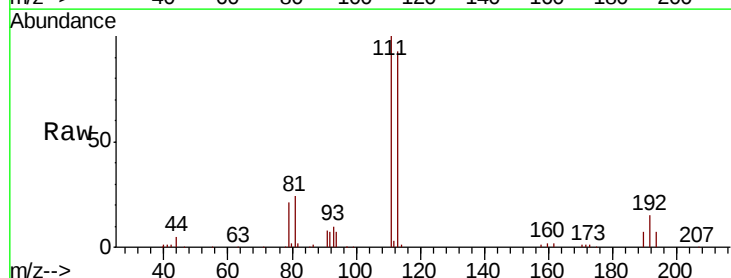
RT: 4.12 min Scan# 354

Delta R.T. -0.01 min

Lab File: VF060767.D

Acq: 16 Nov 2018 16:30

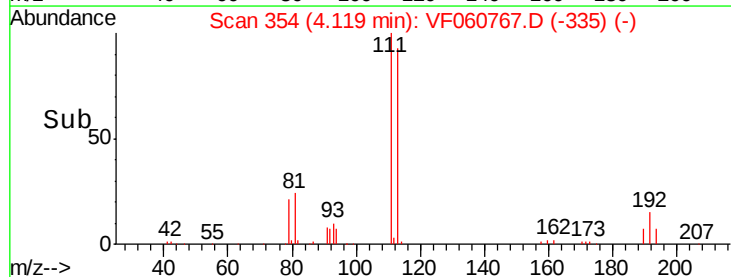
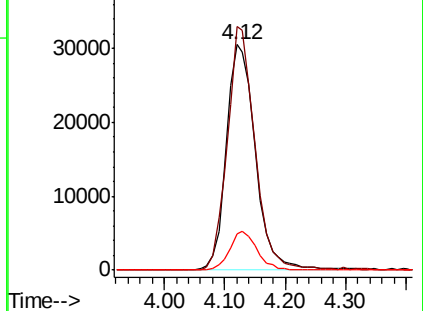
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	101759		
111	108.0		87.1	130.7
192	16.3		13.8	20.6

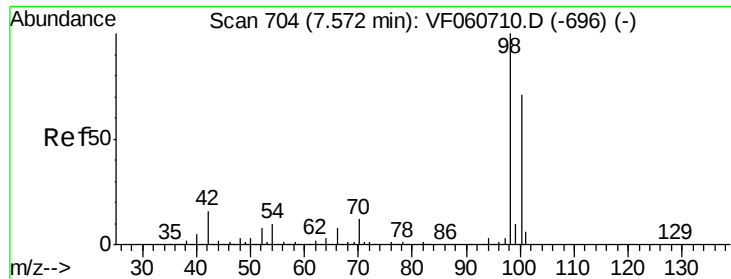


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





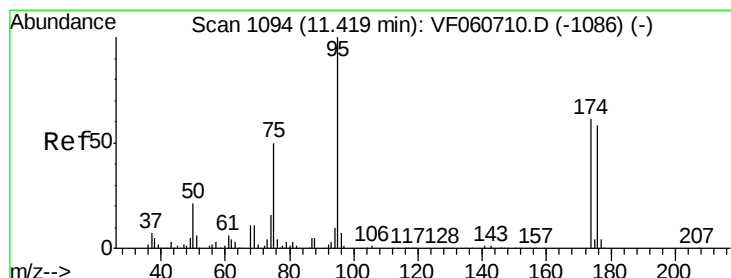
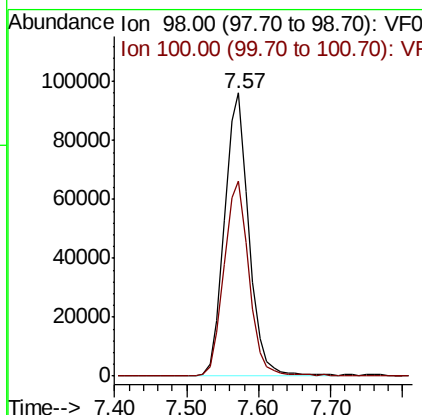
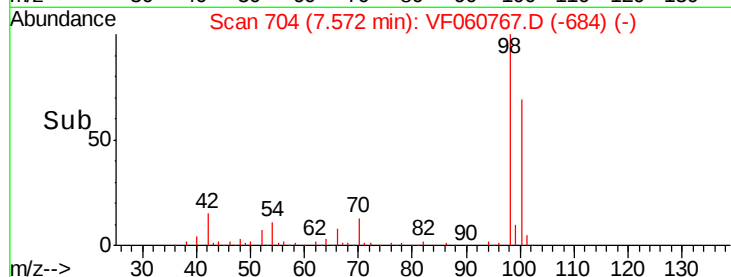
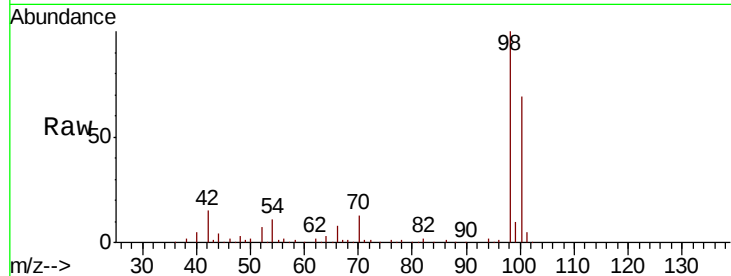
#50
Toluene-d8
Concen: 38.595 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.00 min
Lab File: VF060767.D
Acq: 16 Nov 2018 16:30

Instrument :
MSVOA_F
ClientSampled :
VW-D1

Tot Ion: 98 Resp: 225104
Ion Ratio Lower Upper
98 100
100 69.0 56.5 84.7

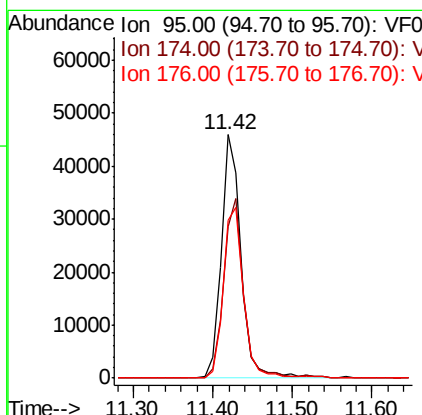
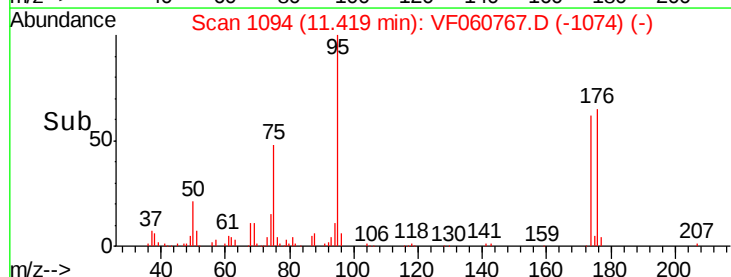
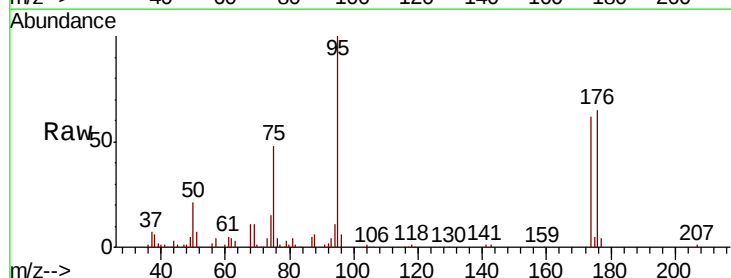
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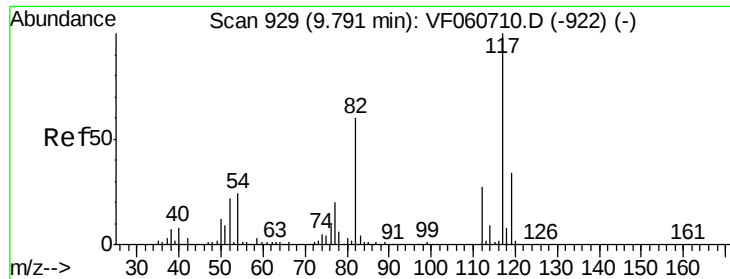
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#62
4-Bromofluorobenzene
Concen: 29.049 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060767.D
Acq: 16 Nov 2018 16:30

Tgt Ion: 95 Resp: 80933
Ion Ratio Lower Upper
95 100
174 62.3 0.0 121.6
176 64.9 0.0 115.2





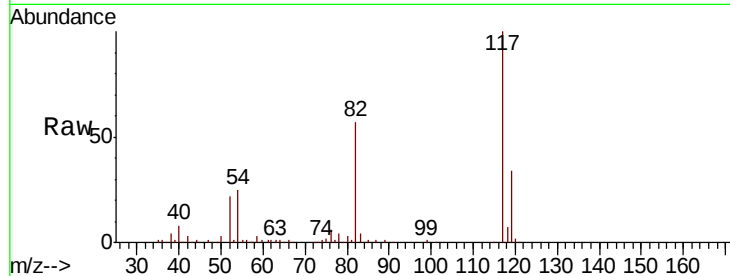
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF060767.D
Acq: 16 Nov 2018 16:30

Instrument :
MSVOA_F
ClientSampled :
VW-D1

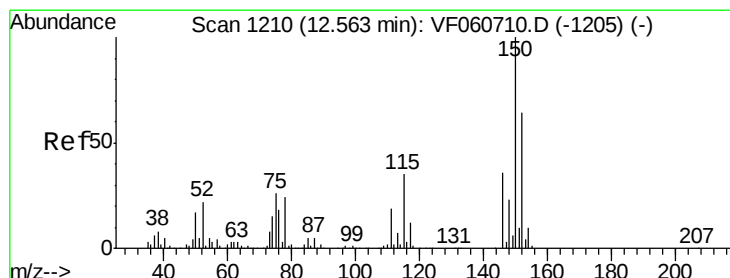
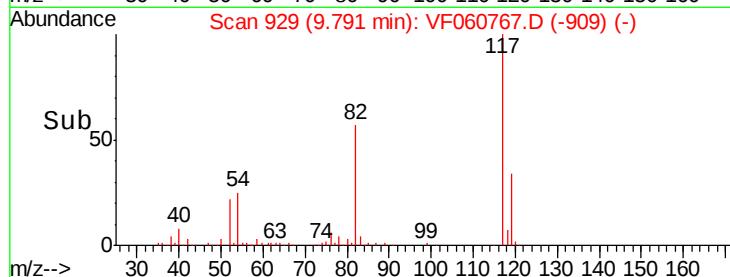
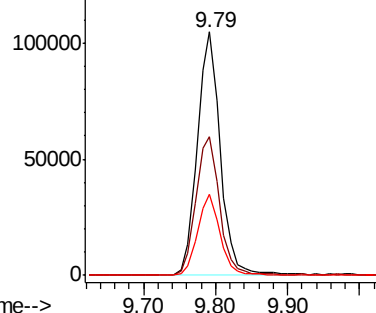
Tot Ion	Ratio	Resp	Lower	Upper
117	100	232360		
82	56.9		47.9	71.9
119	33.5		26.8	40.2

Manual Integrations
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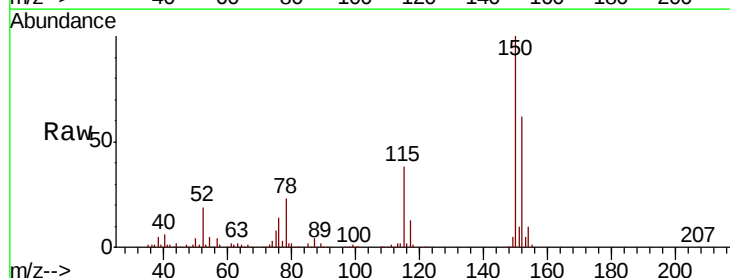


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

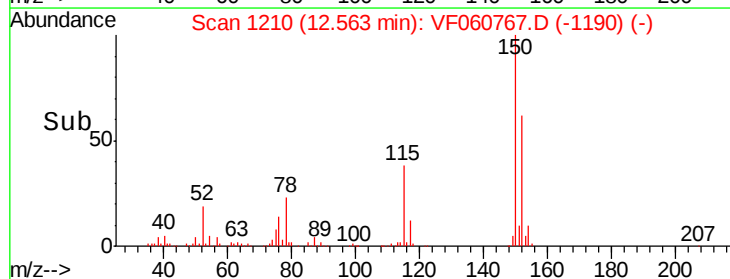
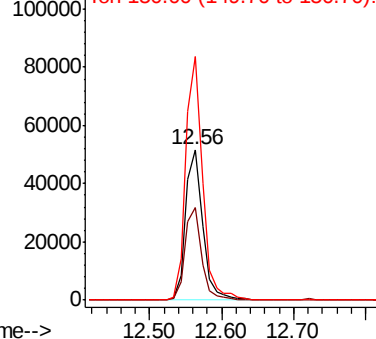


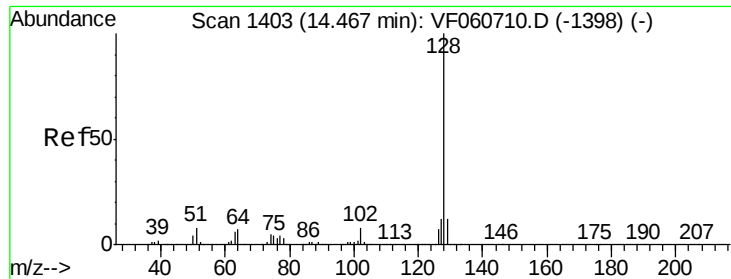
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VF060767.D
Acq: 16 Nov 2018 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	84133		
115	61.0		27.9	83.7
150	161.6		0.0	316.4



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#95
Naphthalene
Concen: 1.088 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.00 min
Lab File: VF060767.D
Acq: 16 Nov 2018 16:30

Instrument :
MSVOA_F
ClientSampleId :
VW-D1

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.2	9.8	14.6#
129	13.7	9.3	13.9

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