

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
 Data File : VF061154.D
 Acq On : 22 Dec 2018 19:50
 Operator : VA/AP
 Sample : J6482-09RE
 Misc : 5.02g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DPC-91468-OS-01RE

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 11:05:51 AM

Quant Time: Dec 24 03:44:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	59426	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	117758	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.79	117	70069	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	20289	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	53616	70.15	ug/l	0.02
Spiked Amount 50.000			Recovery	=	140.30%	
35) Dibromofluoromethane	4.13	113	54580	57.86	ug/l	0.02
Spiked Amount 50.000			Recovery	=	115.72%	
50) Toluene-d8	7.57	98	90491	33.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	67.70%	
62) 4-Bromofluorobenzene	11.42	95	28562	23.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.36%	
Target Compounds						
16) Acetone	2.24	43	9326	61.036	ug/l	99
18) Methyl Acetate	2.35	43	5752m	18.196	ug/l	

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

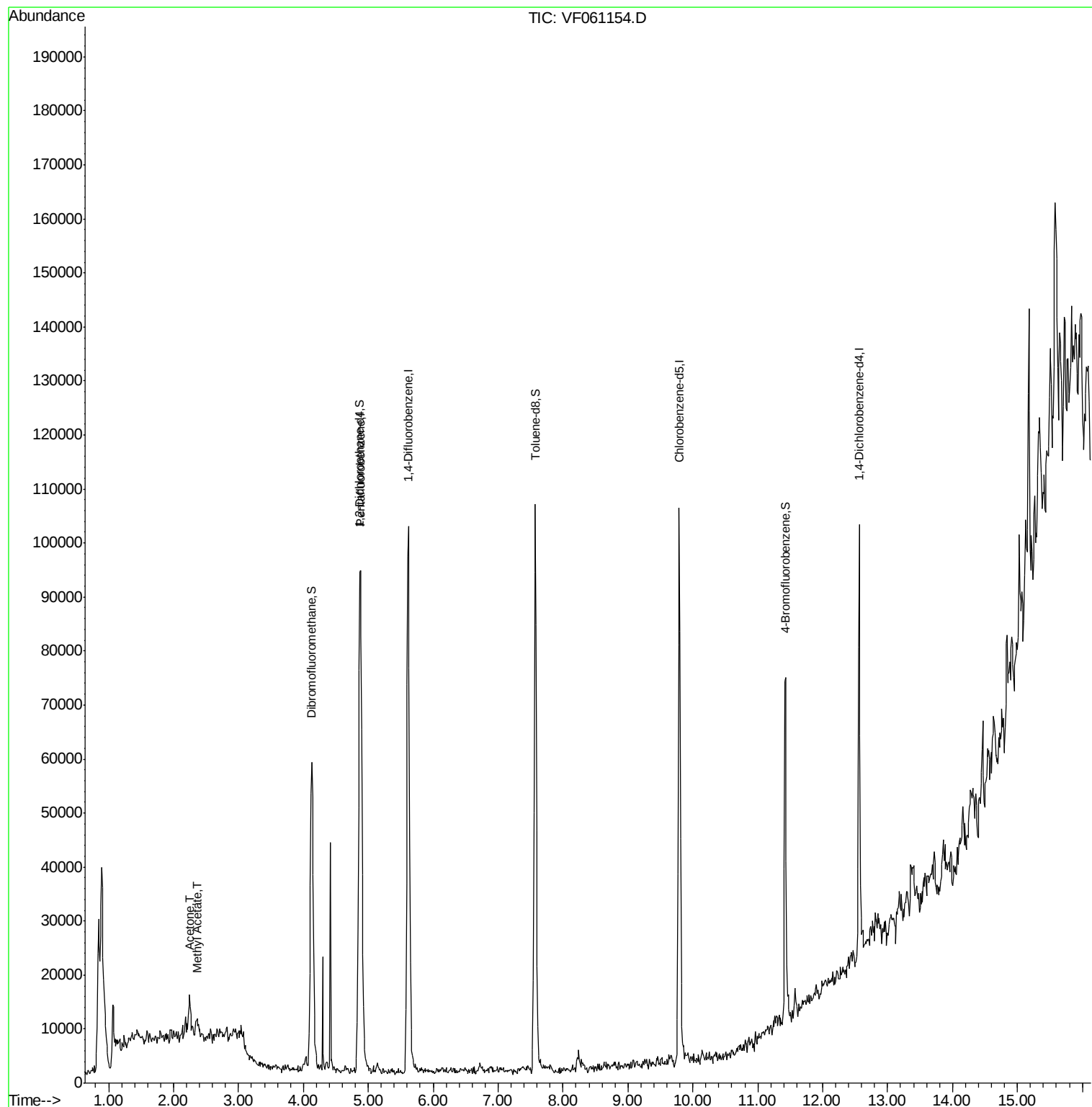
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
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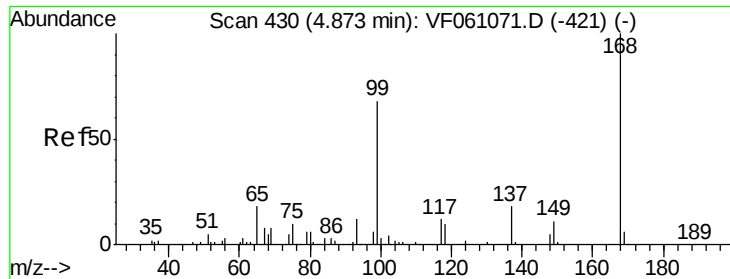
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF061154.D

Acq: 22 Dec 2018 19:50

Instrument :

MSVOA_F

ClientSampleId :

DPC-91468-OS-01RE

Tgt Ion: 168 Resp: 59426

Ion Ratio Lower Upper

168 100

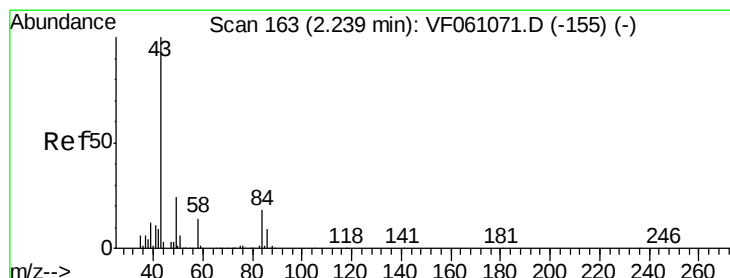
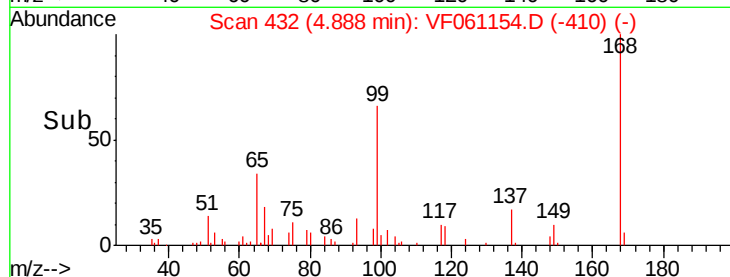
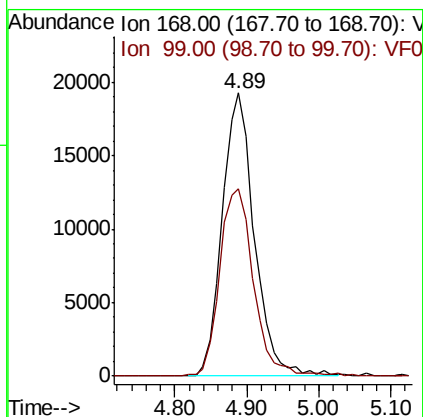
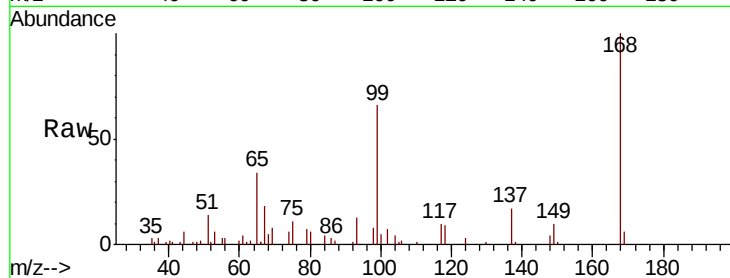
99 66.3 54.4 81.6

Manual Integrations

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#16

Acetone

Concen: 61.036 ug/l

RT: 2.24 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061154.D

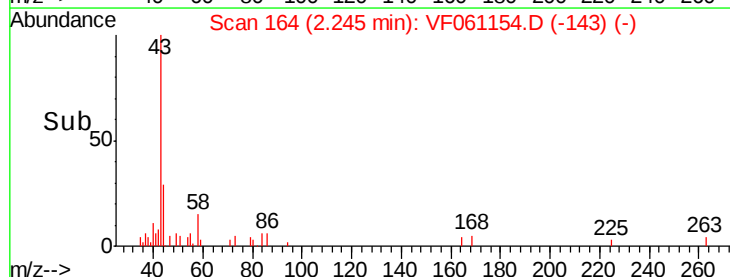
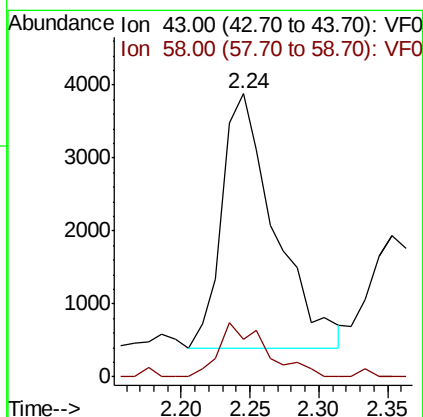
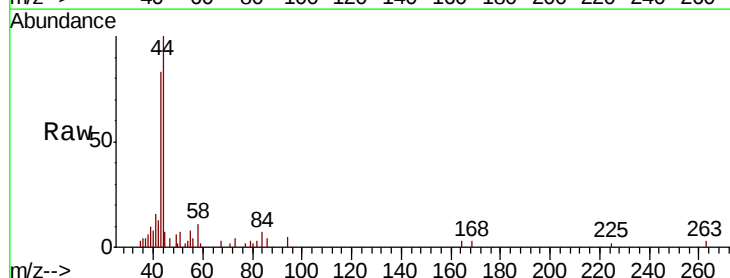
Acq: 22 Dec 2018 19:50

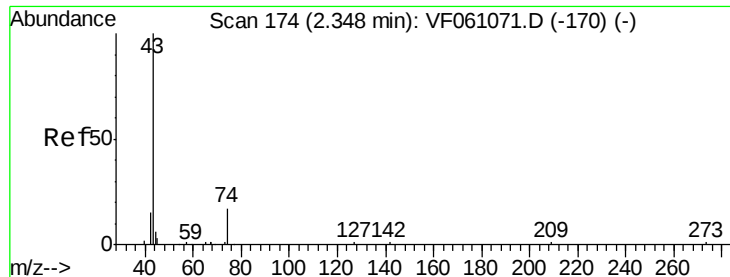
Tgt Ion: 43 Resp: 9326

Ion Ratio Lower Upper

43 100

58 13.4 11.1 16.7





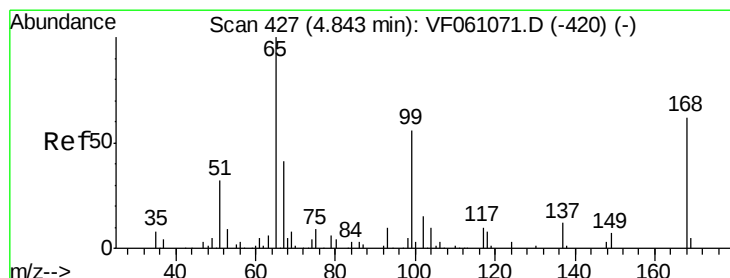
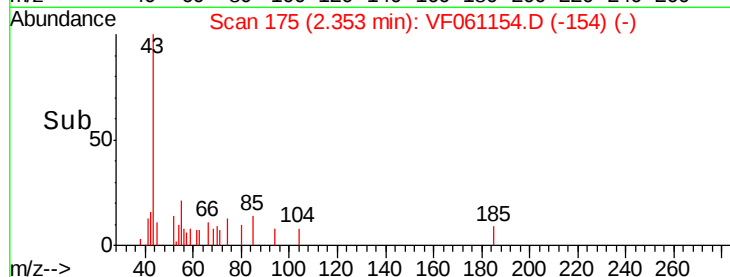
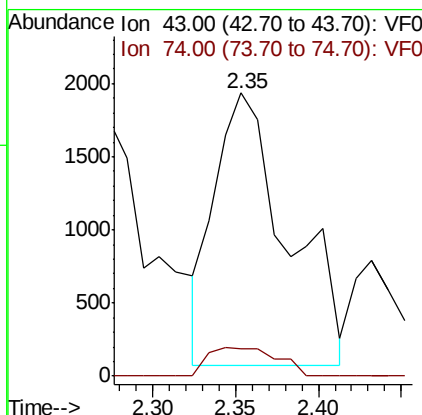
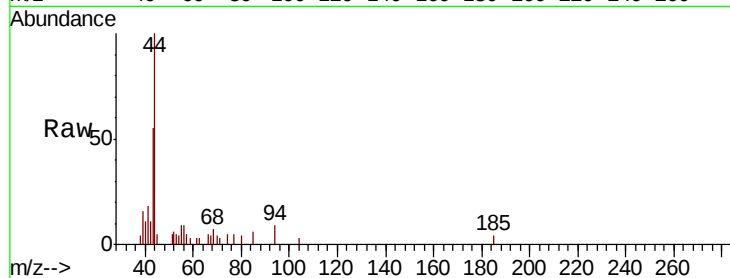
#18
Methyl Acetate
Concen: 18.196 ug/l m
RT: 2.35 min Scan# 175
Delta R.T. 0.01 min
Lab File: VF061154.D
Acq: 22 Dec 2018 19:50

Instrument :
MSVOA_F
ClientSampleId :
DPC-91468-OS-01RE

Tgt Ion: 43 Resp: 5752
Ion Ratio Lower Upper
43 100
74 9.6 11.0 16.6#

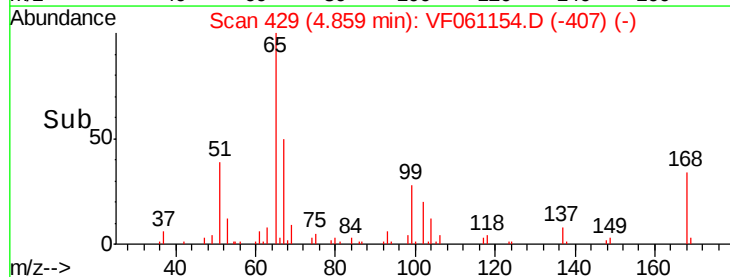
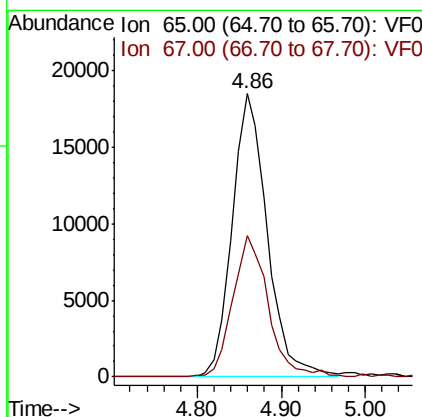
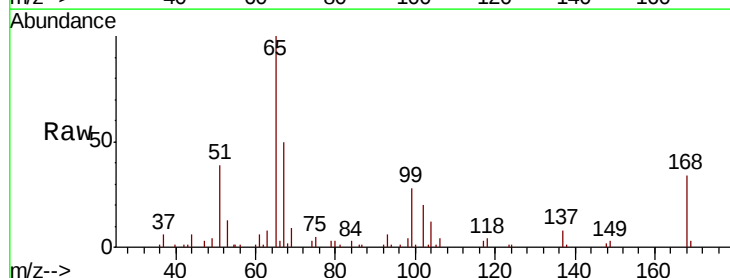
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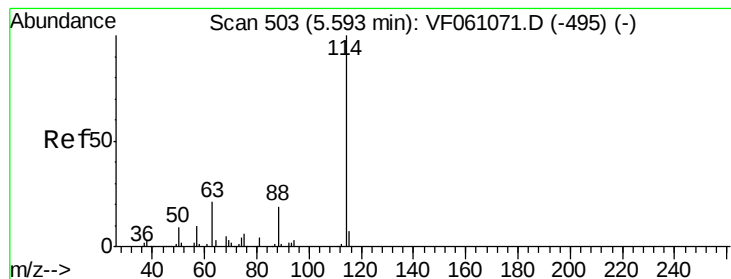
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#33
1,2-Dichloroethane-d4
Concen: 70.149 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.02 min
Lab File: VF061154.D
Acq: 22 Dec 2018 19:50

Tgt Ion: 65 Resp: 53616
Ion Ratio Lower Upper
65 100
67 50.0 0.0 94.6





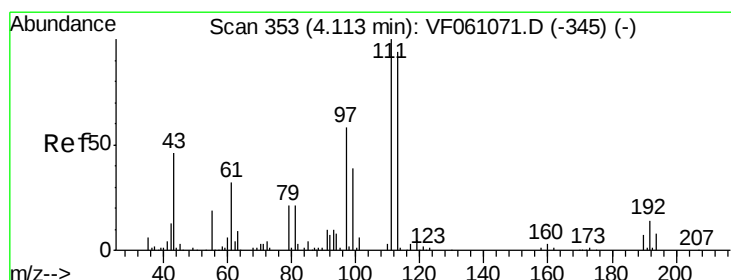
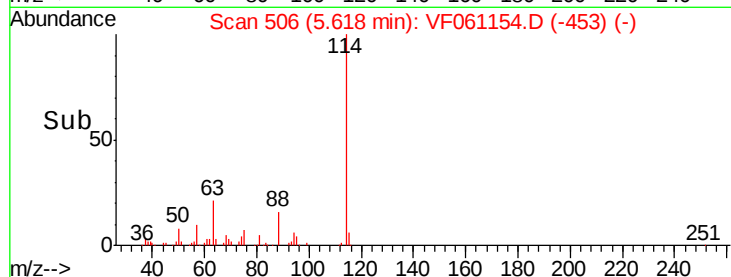
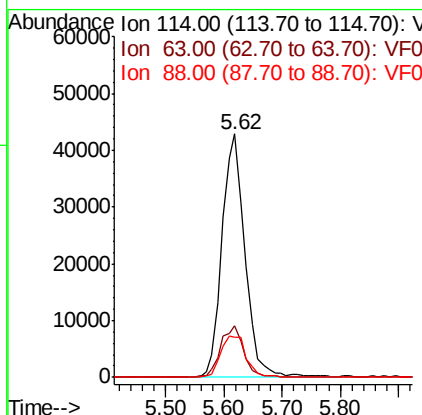
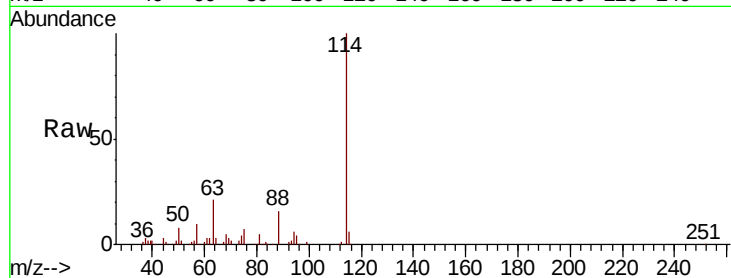
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. 0.03 min
 Lab File: VF061154.D
 Acq: 22 Dec 2018 19:50

Instrument :
 MSVOA_F
 ClientSampleId :
 DPC-91468-OS-01RE

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	117758		
63	21.4	0.0	41.6	
88	16.5	0.0	38.0	

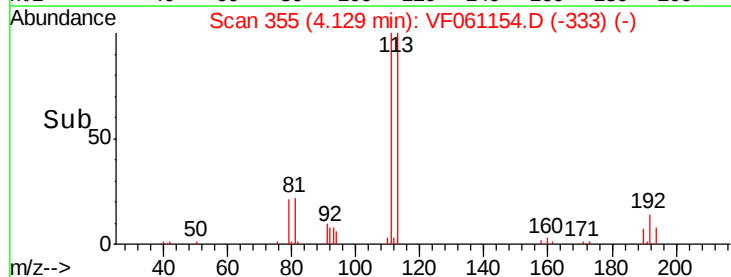
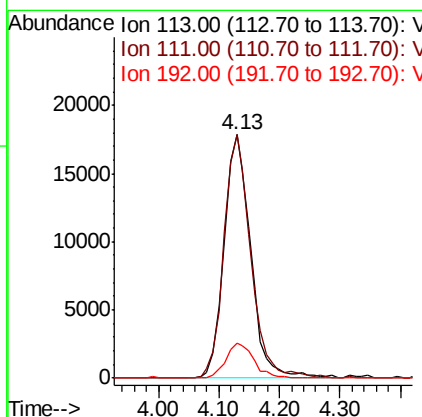
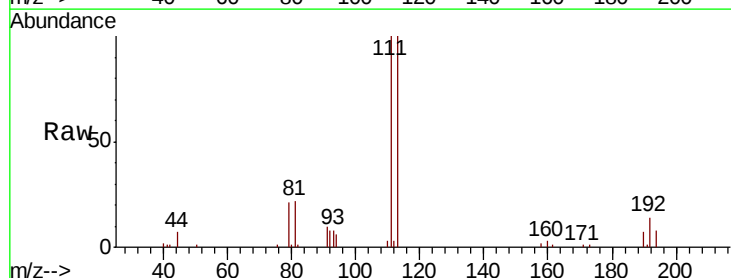
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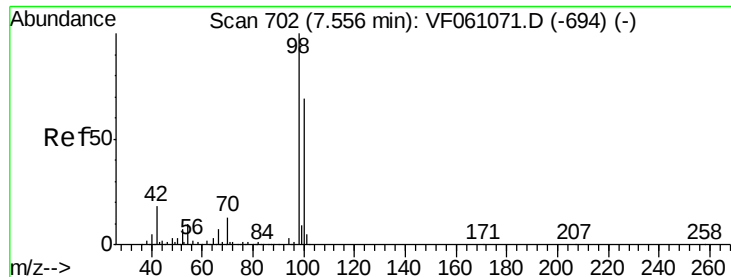
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#35
 Dibromofluoromethane
 Concen: 57.860 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: VF061154.D
 Acq: 22 Dec 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	54580		
111	100.0	85.2	127.8	
192	14.2	12.8	19.2	





#50

Toluene-d8

Concen: 33.851 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.02 min

Lab File: VF061154.D

Acq: 22 Dec 2018 19:50

Instrument :

MSVOA_F

ClientSampleId :

DPC-91468-OS-01RE

Tgt Ion: 98 Resp: 90491

Ion Ratio Lower Upper

98 100

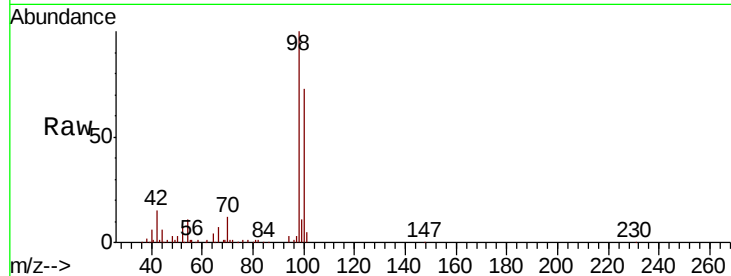
100 72.5 55.3 82.9

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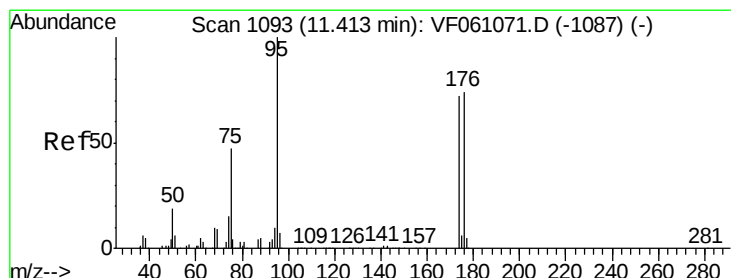
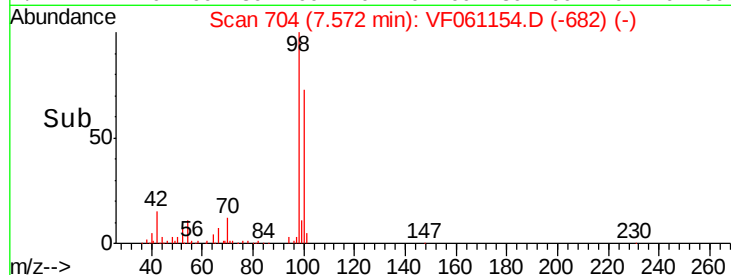
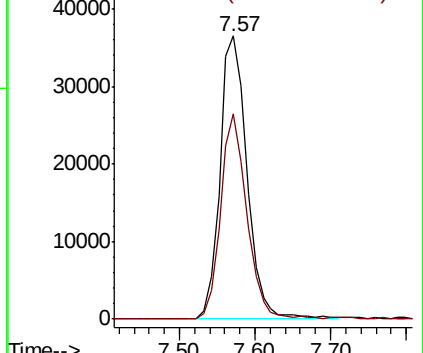
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 23.176 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF061154.D

Acq: 22 Dec 2018 19:50

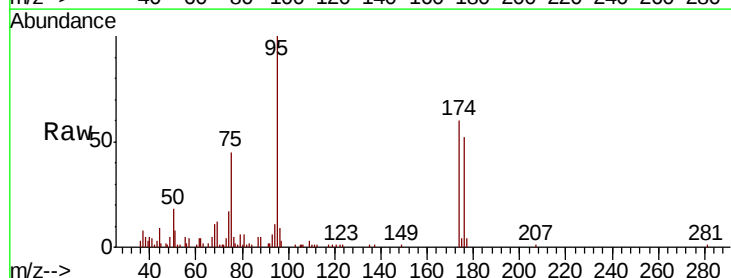
Tgt Ion: 95 Resp: 28562

Ion Ratio Lower Upper

95 100

174 60.4 0.0 143.8

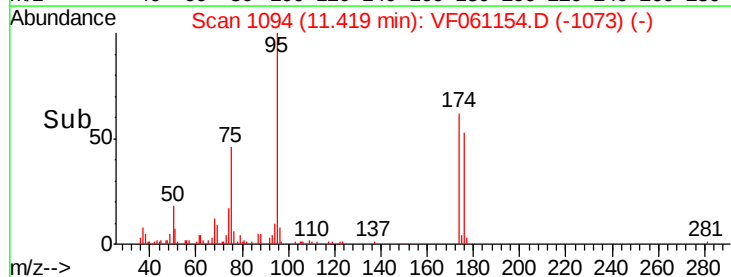
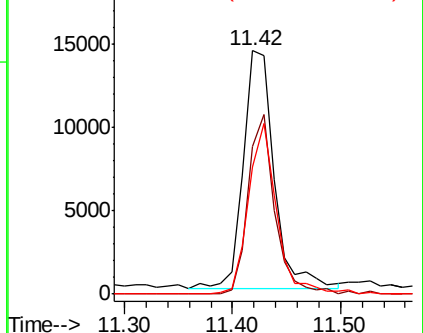
176 52.1 0.0 147.6

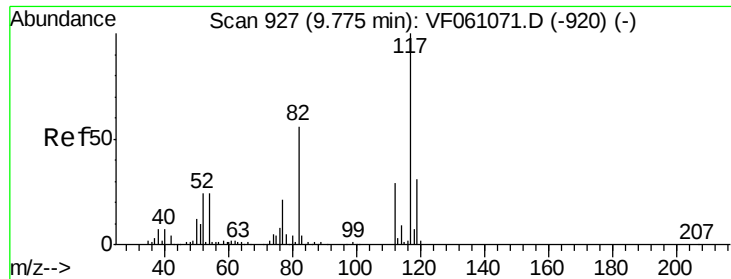


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





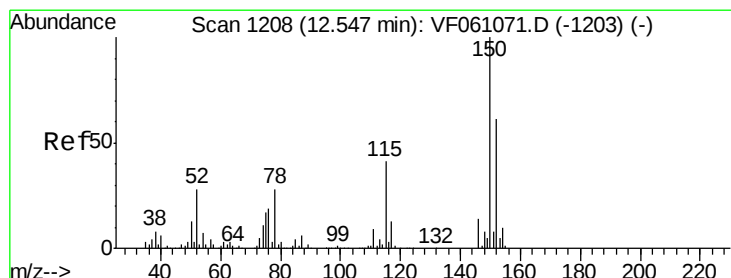
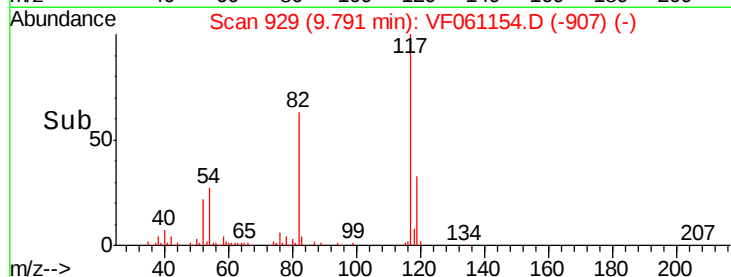
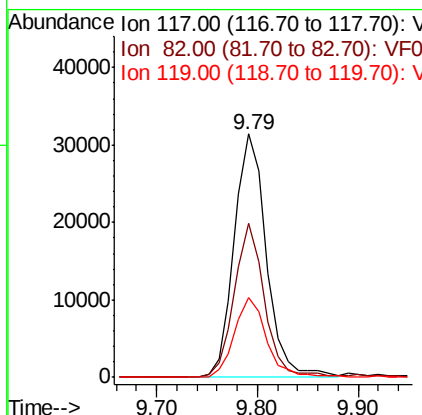
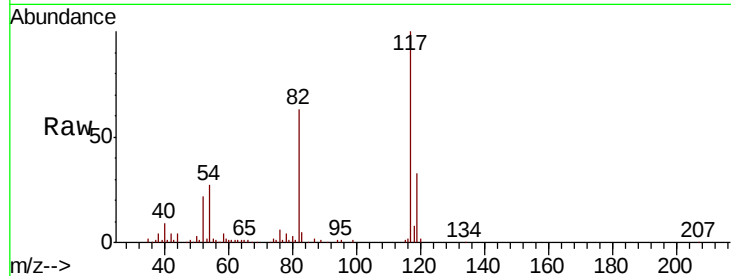
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF061154.D
Acq: 22 Dec 2018 19:50

Instrument :
MSVOA_F
ClientSampleId :
DPC-91468-OS-01RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.1	45.0	67.4
119	32.6	24.8	37.2

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF061154.D
Acq: 22 Dec 2018 19:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	33.3	99.9
150	136.3	0.0	328.2

