

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
 Data File : VF060934.D
 Acq On : 7 Dec 2018 17:03
 Operator : VA/AP
 Sample : VF1207SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1207SBL01

Manual Integrations
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Quant Time: Dec 21 06:43:13 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	4.85	168	192790	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.58	114	341986	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.76	117	313173	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.54	152	182925	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	134759	59.34	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	118.68%	
35) Dibromofluoromethane	4.10	113	149167	54.98	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	109.96%	
50) Toluene-d8	7.54	98	384339	48.09	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.40	95	191867	52.82	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	105.64%	

Target Compounds Qvalue

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

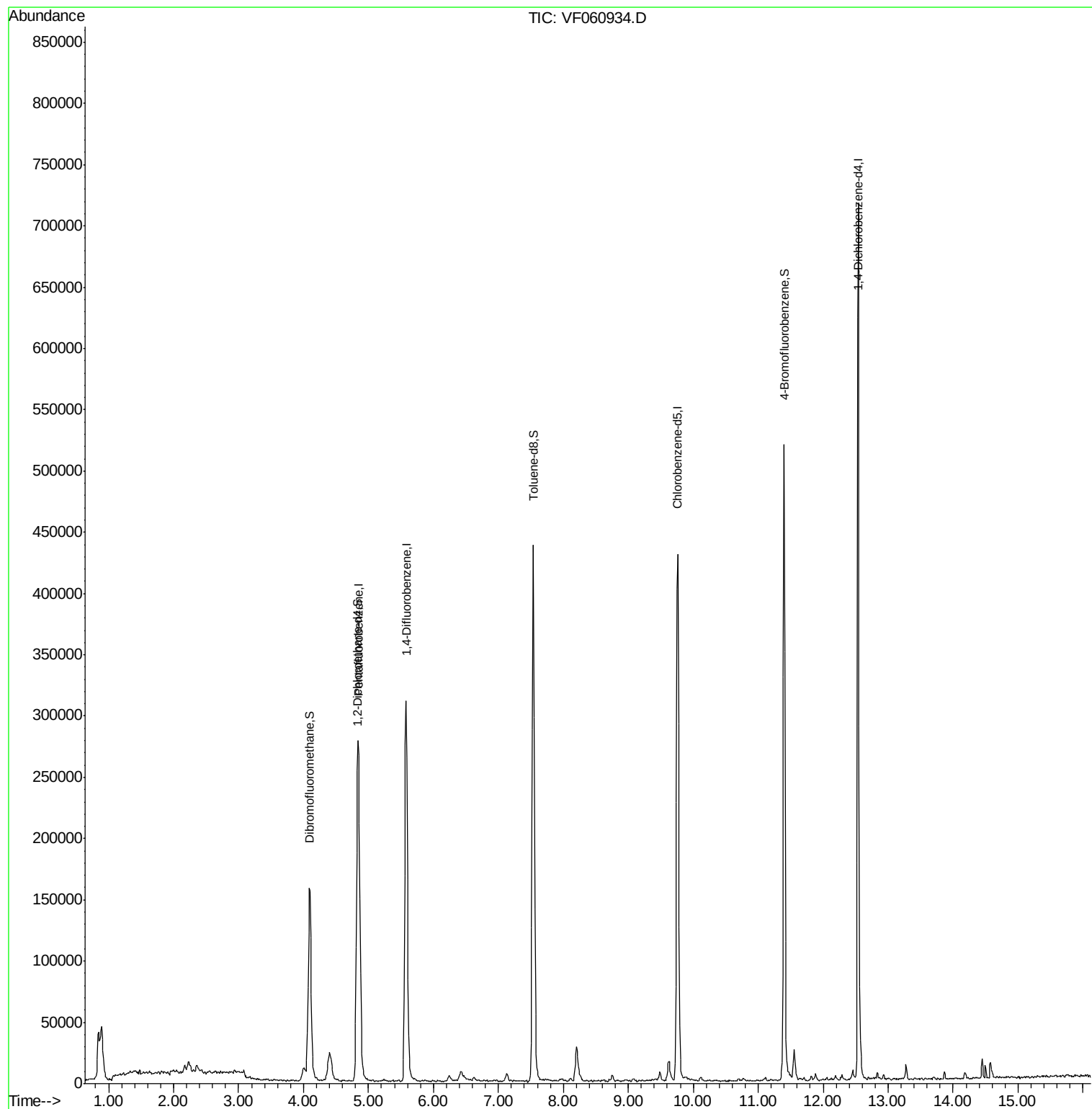
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
Data File : VF060934.D
Acq On : 7 Dec 2018 17:03
Operator : VA/AP
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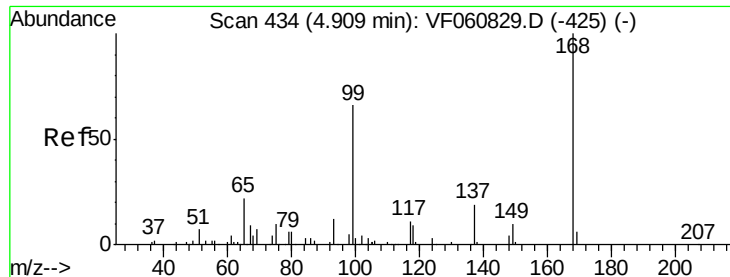
Instrument :
MSVOA_F
ClientSampleId :
VF1207SBL01

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Quant Time: Dec 21 06:43:13 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: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.06 min

Lab File: VF060934.D

Acq: 7 Dec 2018 17:03

Instrument :

MSVOA_F

ClientSampleId :

VF1207SBL01

Tgt Ion: 168 Resp: 192790

Ion Ratio Lower Upper

168 100

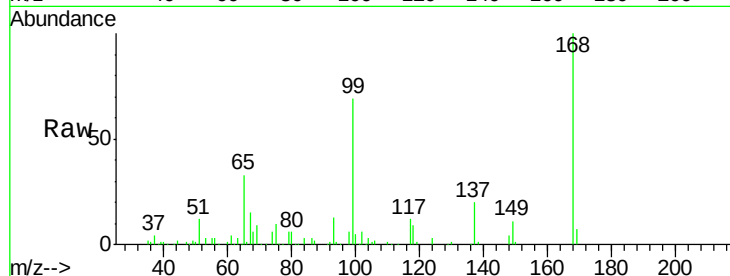
99 68.9 52.6 79.0

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

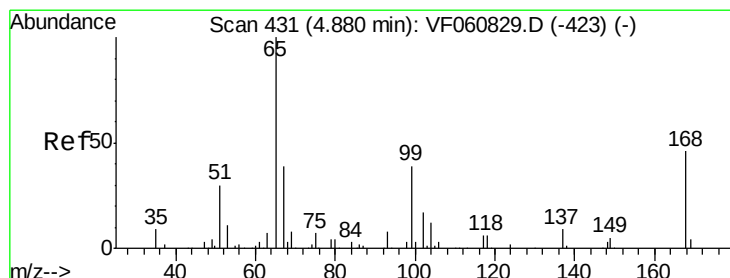
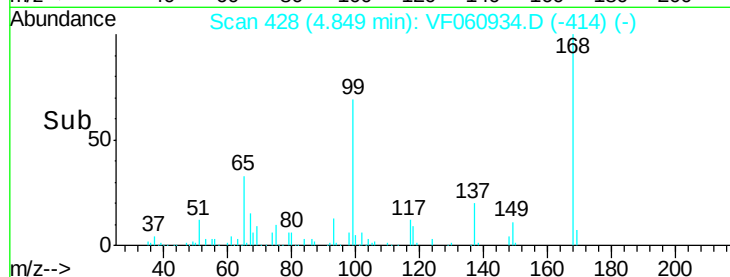
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 59.336 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.06 min

Lab File: VF060934.D

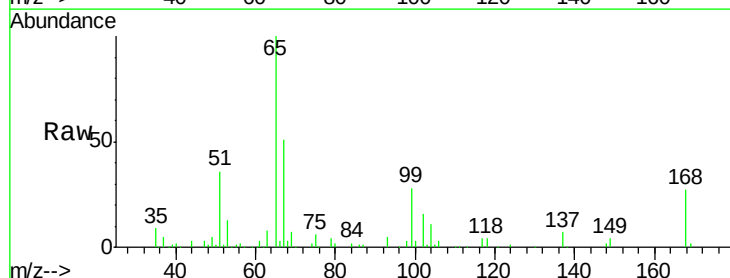
Acq: 7 Dec 2018 17:03

Tgt Ion: 65 Resp: 134759

Ion Ratio Lower Upper

65 100

67 51.4 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

50000

40000

30000

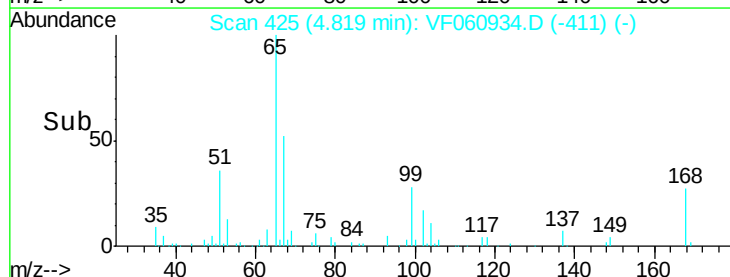
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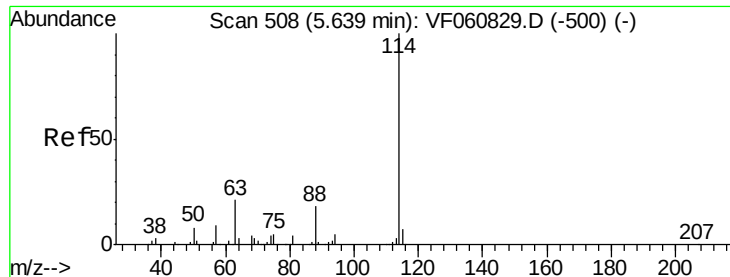
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Time-->

4.70 4.80 4.90 5.00





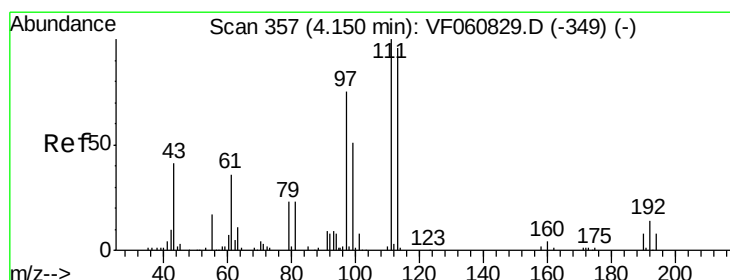
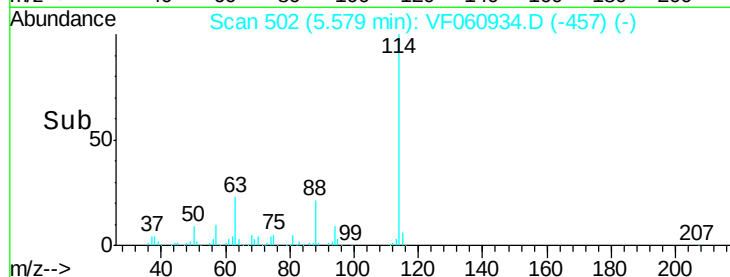
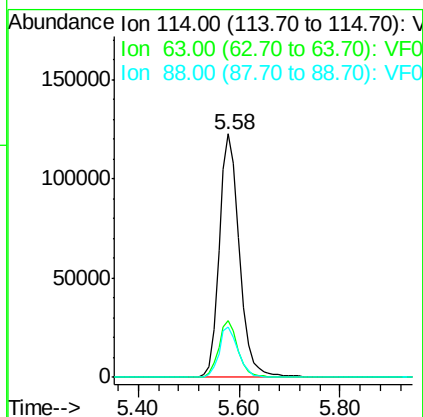
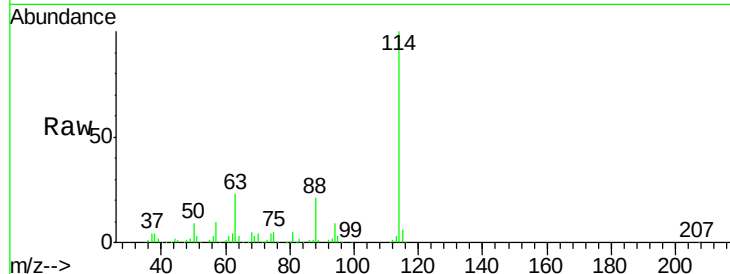
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.06 min
Lab File: VF060934.D
Acq: 7 Dec 2018 17:03

Instrument :
MSVOA_F
ClientSampleId :
VF1207SBL01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	341986		
63	23.0	0.0	41.6	
88	20.6	0.0	36.6	

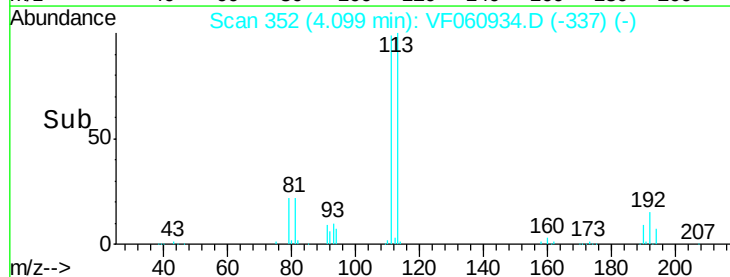
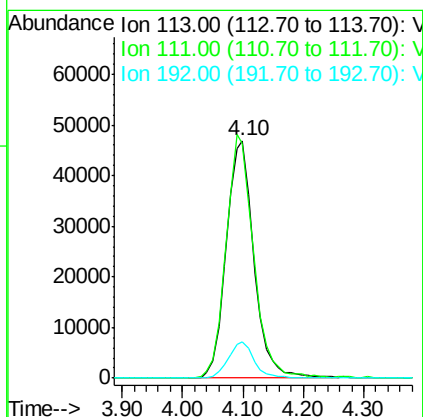
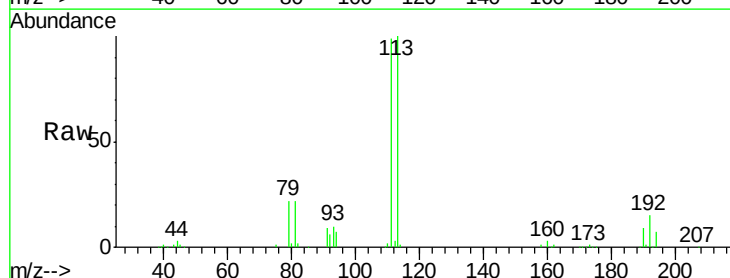
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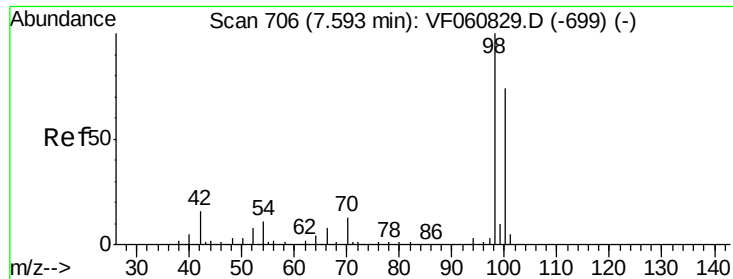
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#35
Dibromofluoromethane
Concen: 54.981 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF060934.D
Acq: 7 Dec 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	149167		
111	98.7	83.0	124.6	
192	15.5	12.3	18.5	





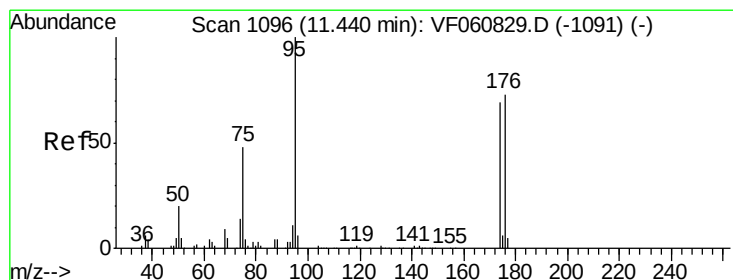
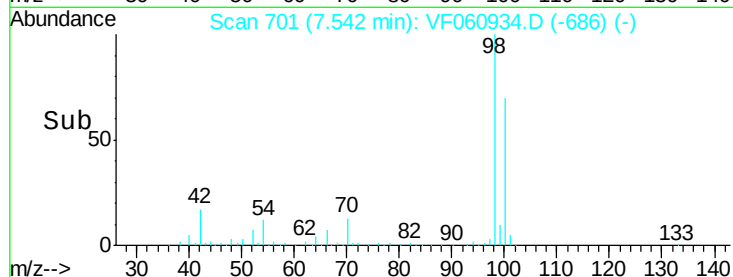
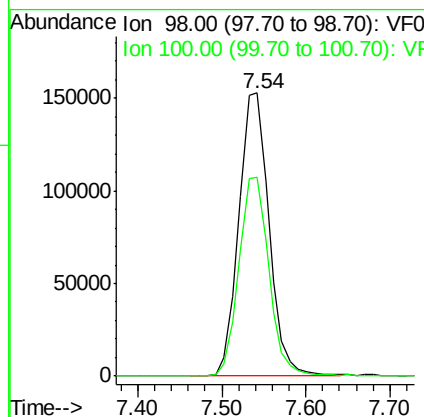
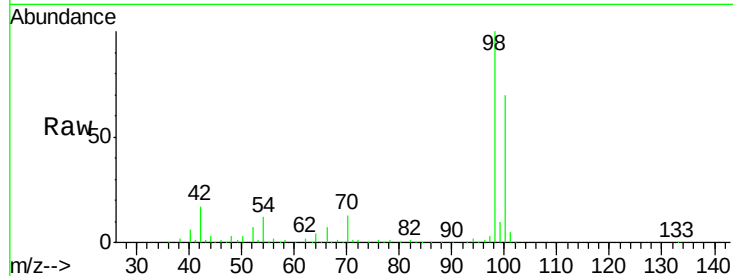
#50
Toluene-d8
Concen: 48.091 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF060934.D
Acq: 7 Dec 2018 17:03

Instrument :
MSVOA_F
ClientSampleId :
VF1207SBL01

Tgt Ion: 98 Resp: 384339
Ion Ratio Lower Upper
98 100
100 70.3 59.3 88.9

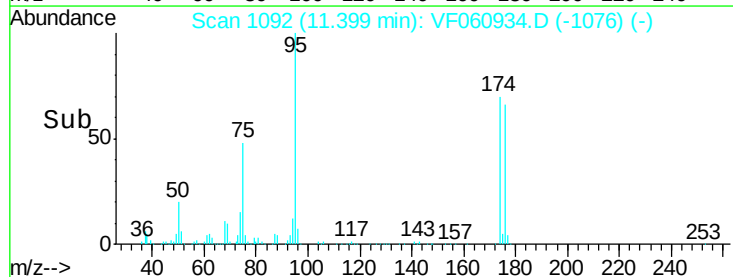
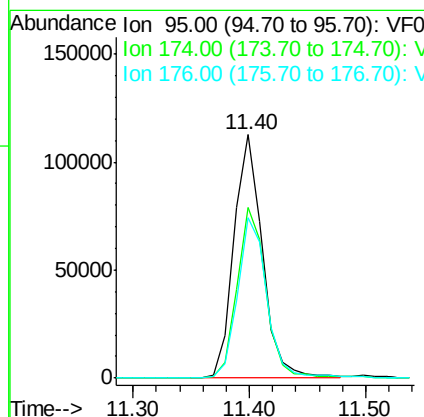
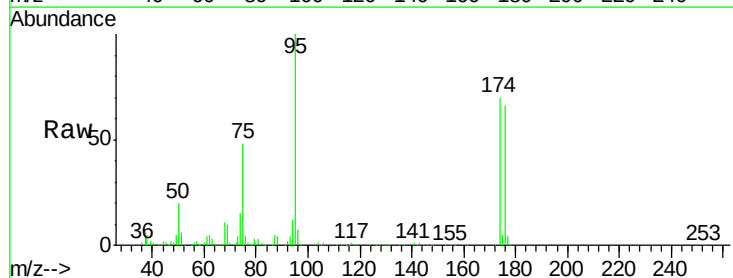
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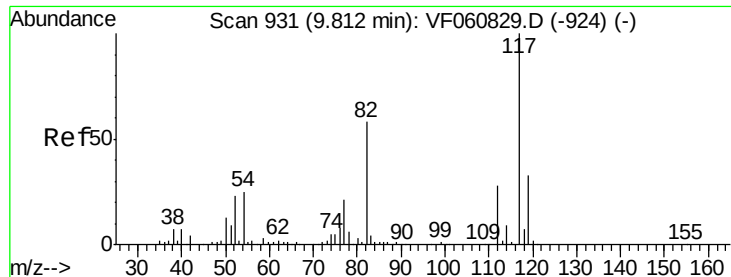
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#62
4-Bromofluorobenzene
Concen: 52.824 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF060934.D
Acq: 7 Dec 2018 17:03

Tgt Ion: 95 Resp: 191867
Ion Ratio Lower Upper
95 100
174 70.1 0.0 138.2
176 66.1 0.0 146.2





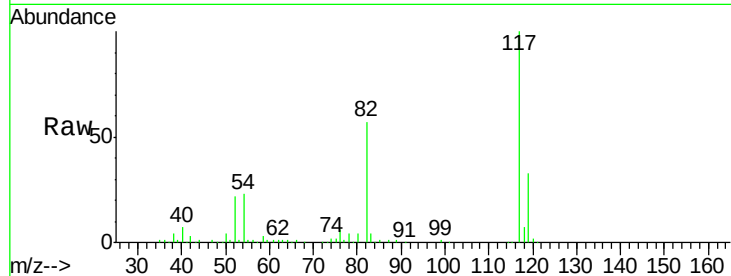
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF060934.D
Acq: 7 Dec 2018 17:03

Instrument :
MSVOA_F
ClientSampleId :
VF1207SBL01

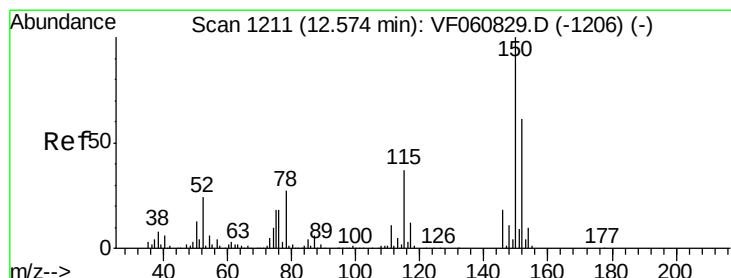
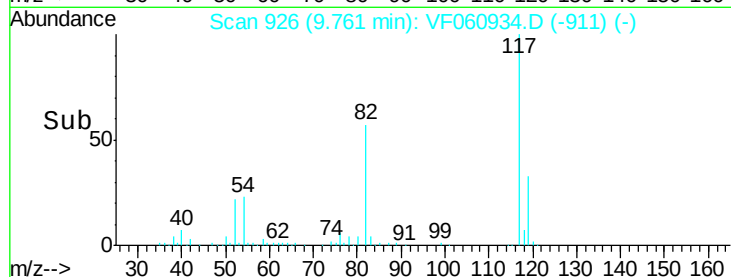
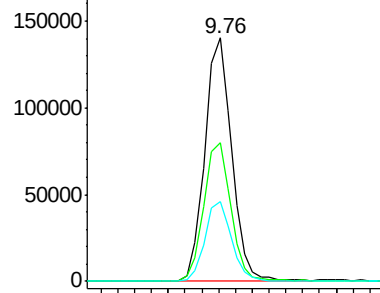
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	313173		
82	56.7	46.6	69.8	
119	32.5	26.4	39.6	

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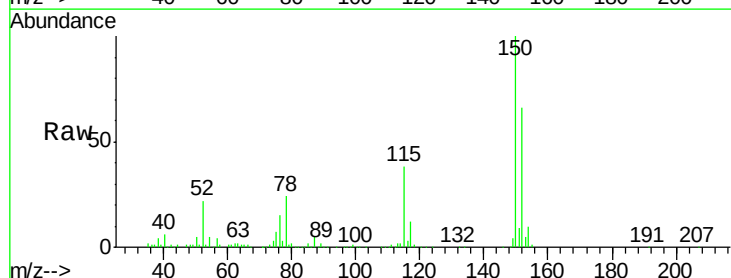


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060934.D
Acq: 7 Dec 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	182925		
115	58.2	30.1	90.5	
150	151.5	0.0	327.6	



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

