

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
 Data File : VF060904.D
 Acq On : 3 Dec 2018 21:15
 Operator : VA/AP
 Sample : J6168-05
 Misc : 4.92g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S1

Manual Integrations
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Quant Time: Dec 04 04:13:53 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	4.89	168	171350	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.61	114	306173	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.79	117	247720	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	95038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	119609	59.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.50%	
35) Dibromofluoromethane	4.13	113	129958	53.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.00%	
50) Toluene-d8	7.57	98	303571	42.43	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.86%	
62) 4-Bromofluorobenzene	11.43	95	126806	39.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.00%	
Target Compounds						
20) Methylene Chloride	2.19	84	9255m	6.777	ug/l	
86) p-Isopropyltoluene	12.48	119	7681	1.078	ug/l	96

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

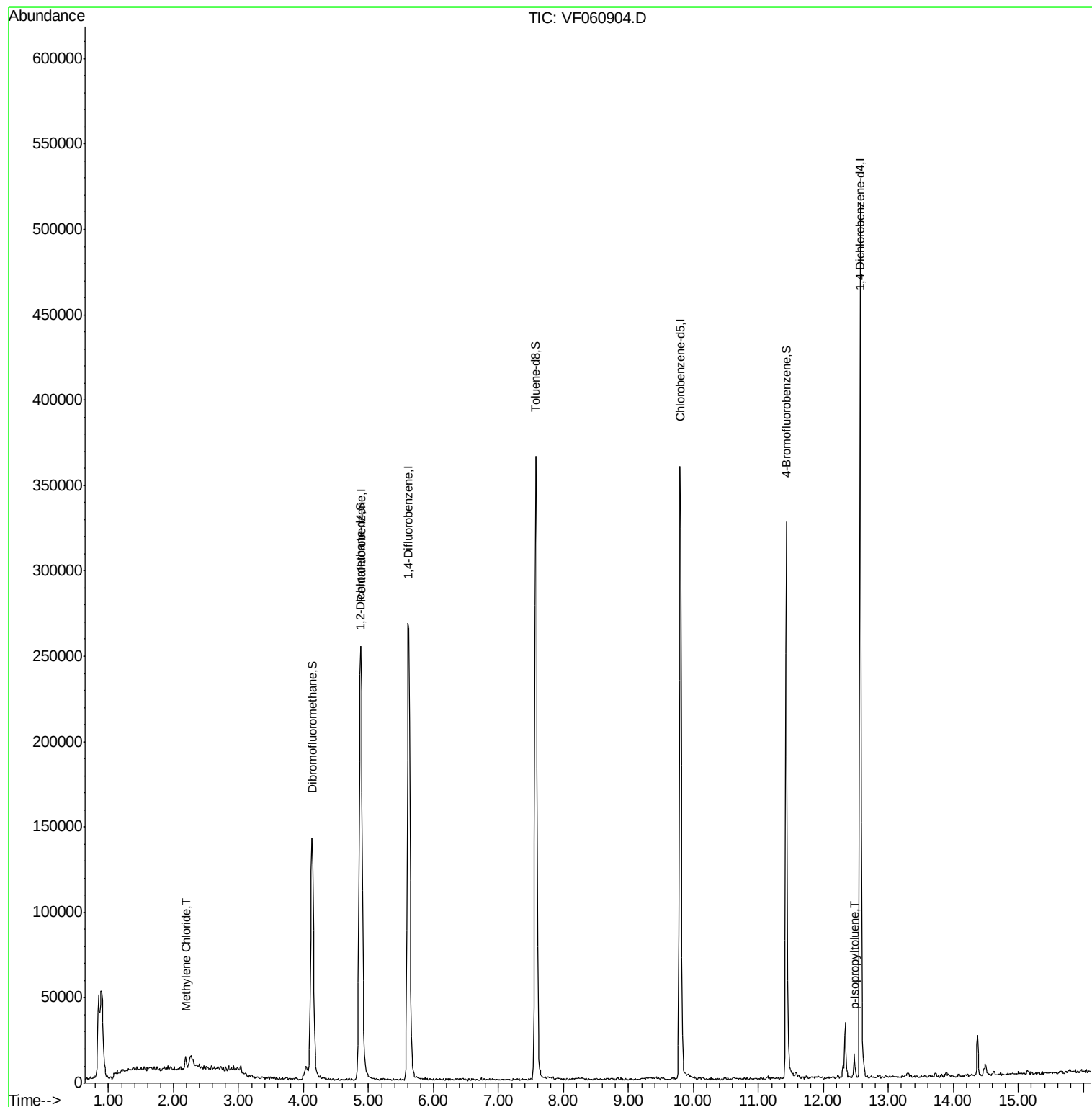
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Data File : VF060904.D
Acq On : 3 Dec 2018 21:15
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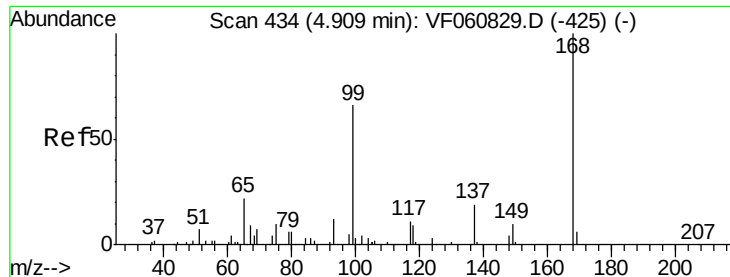
Instrument :
MSVOA_F
ClientSampleId :
S1

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Quant Time: Dec 04 04:13:53 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: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF060904.D

Acq: 3 Dec 2018 21:15

Instrument :

MSVOA_F

ClientSampled :

S1

Tot Ion:168 Resp: 171350

Ion Ratio Lower Upper

168 100

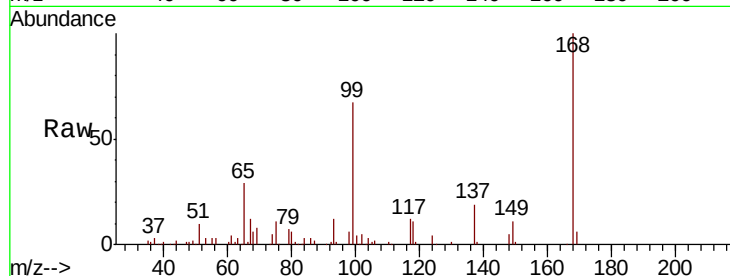
99 66.5 52.6 79.0

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

4.89

60000

50000

40000

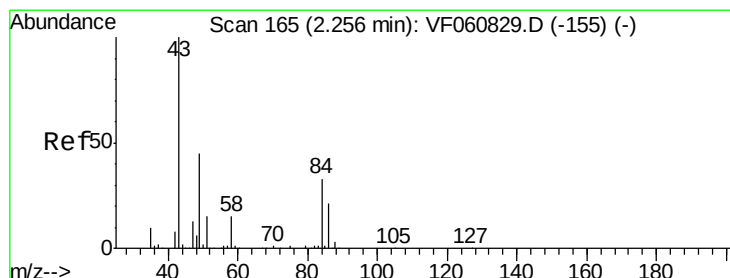
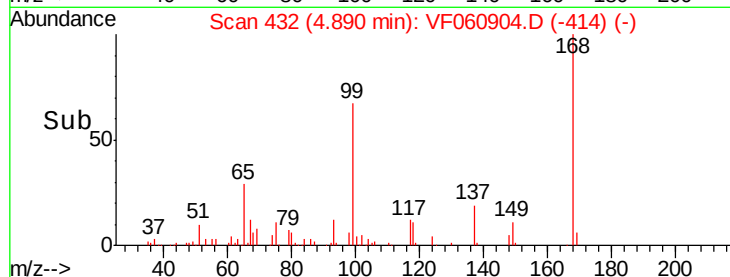
30000

20000

10000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 6.777 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. -0.07 min

Lab File: VF060904.D

Acq: 3 Dec 2018 21:15

Tgt Ion: 84 Resp: 9255

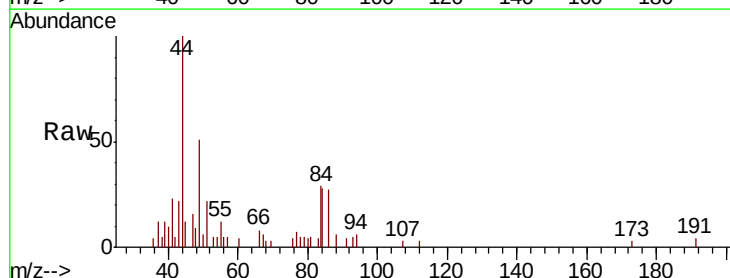
Ion Ratio Lower Upper

84 100

49 173.5 111.3 166.9#

51 74.9 38.0 57.0#

86 92.3 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

4000

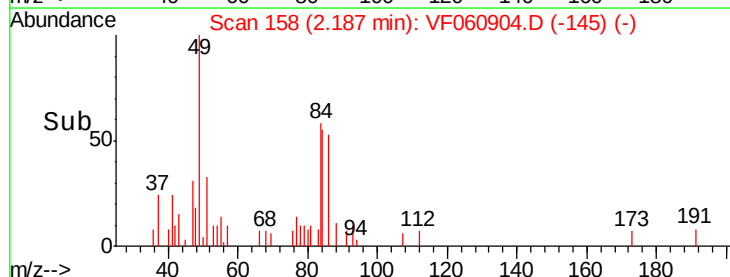
3000

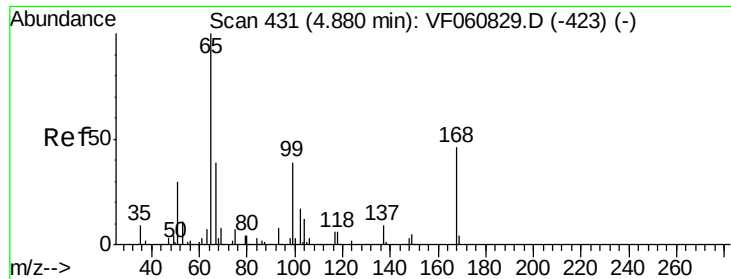
2000

1000

0

Time--> 2.10 2.20 2.30 2.40





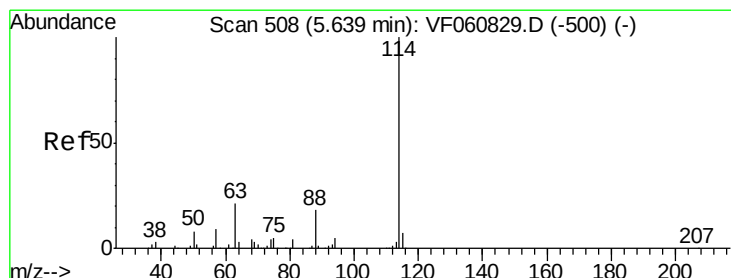
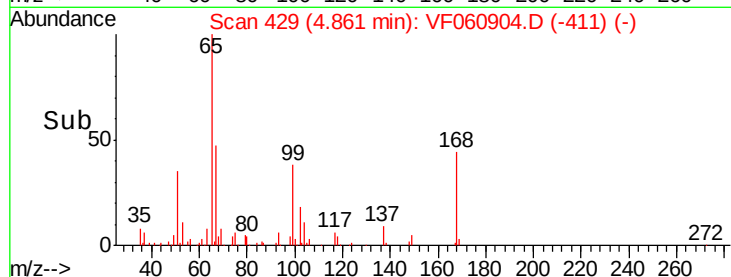
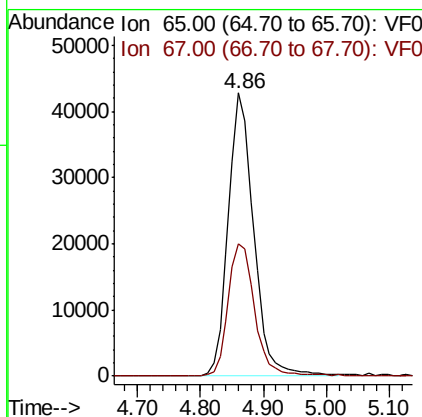
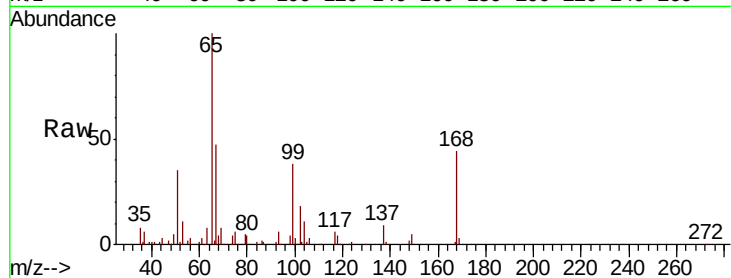
#33
 1,2-Dichloroethane-d4
 Concen: 59.255 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: VF060904.D
 Acq: 3 Dec 2018 21:15

Instrument :
 MSVOA_F
 ClientSampled :
 S1

Tot Ion	Ratio	Lower	Upper
65	100		
67	46.9	0.0	96.4

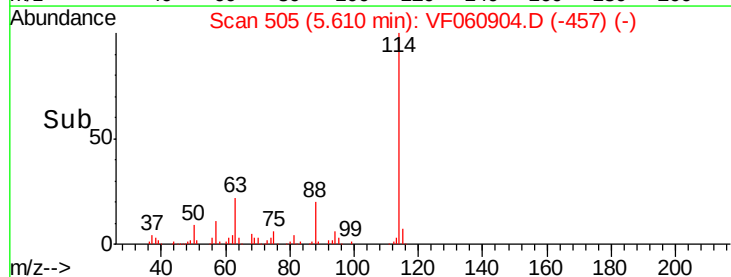
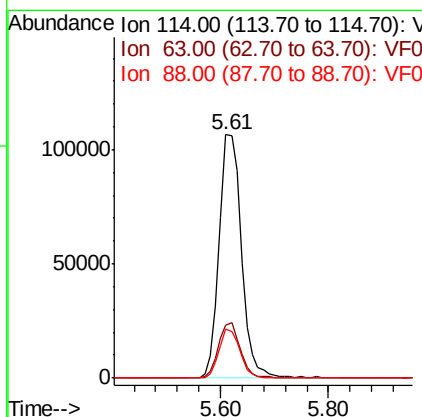
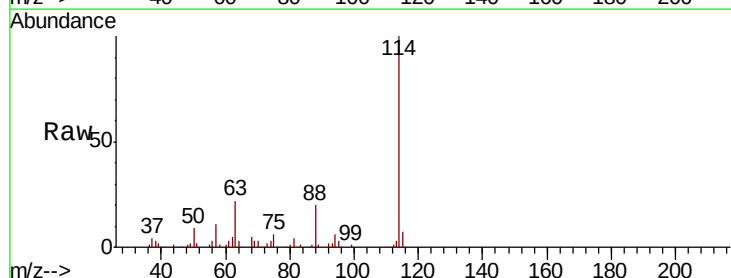
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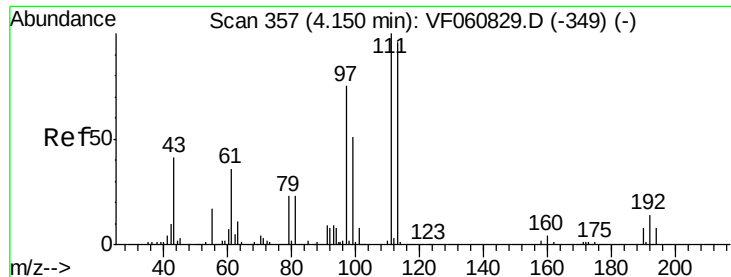
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.03 min
 Lab File: VF060904.D
 Acq: 3 Dec 2018 21:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.6
88	20.4	0.0	36.6





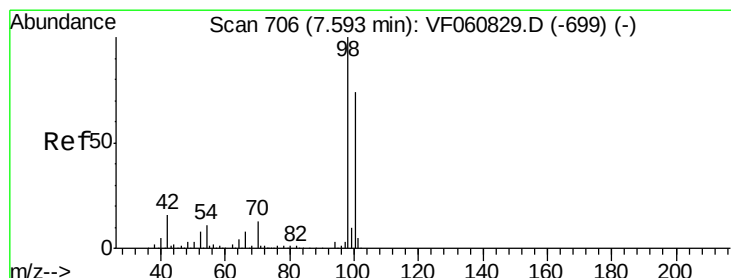
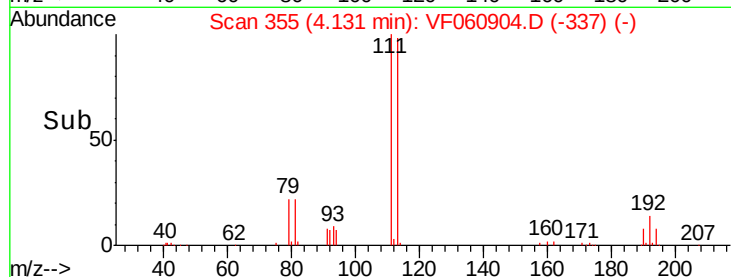
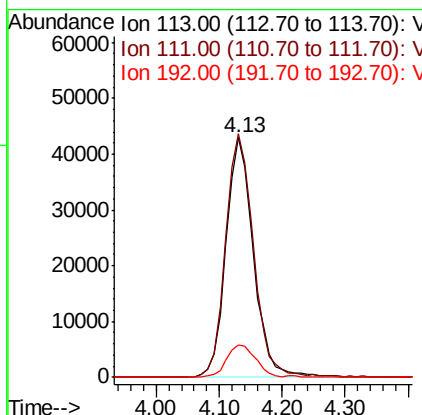
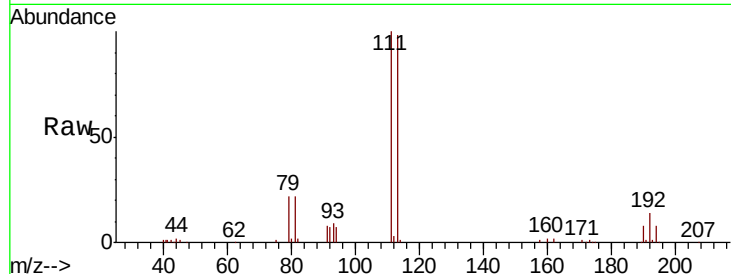
#35
 Dibromofluoromethane
 Concen: 53.504 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. -0.02 min
 Lab File: VF060904.D
 Acq: 3 Dec 2018 21:15

Instrument :
 MSVOA_F
 ClientSampled :
 S1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129958		
111	101.6	83.0	124.6	
192	13.8	12.3	18.5	

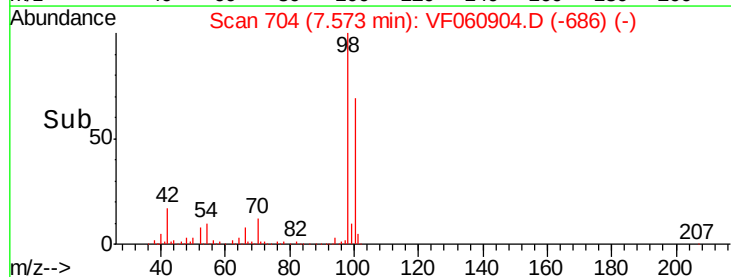
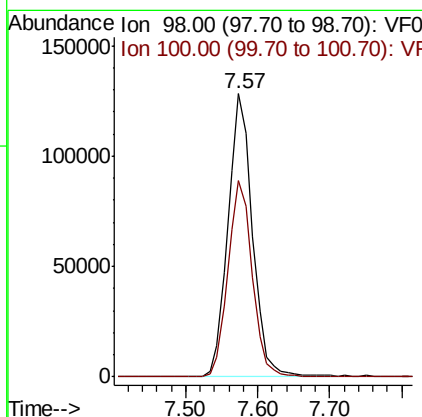
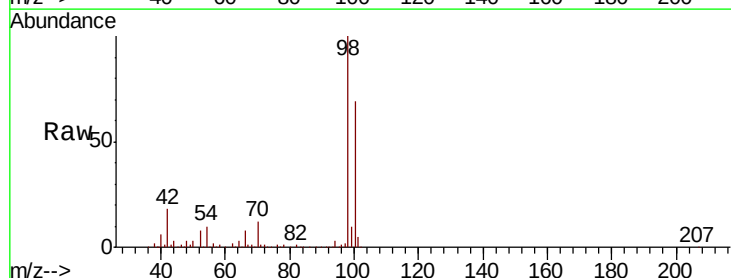
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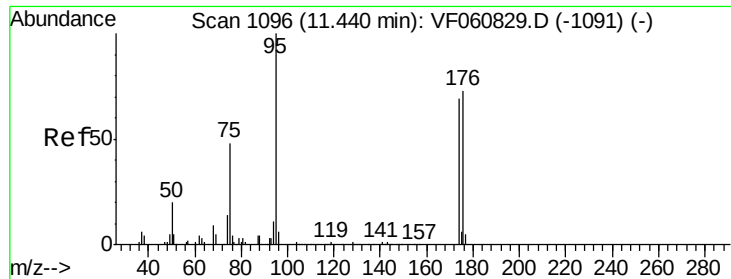
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#50
 Toluene-d8
 Concen: 42.428 ug/l
 RT: 7.57 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: VF060904.D
 Acq: 3 Dec 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	303571		
100	69.3	59.3	88.9	





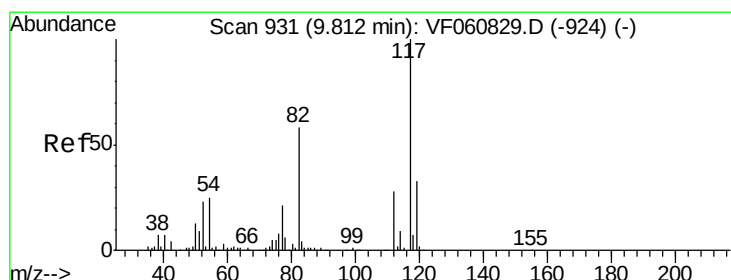
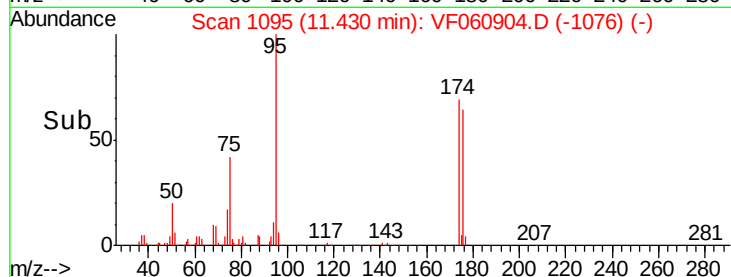
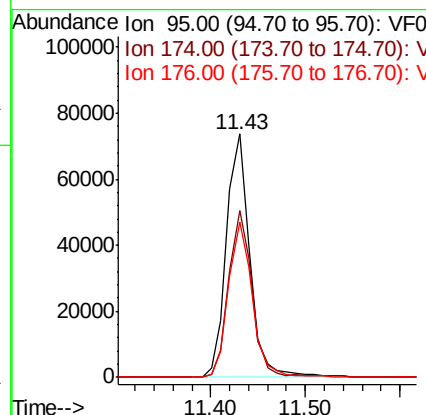
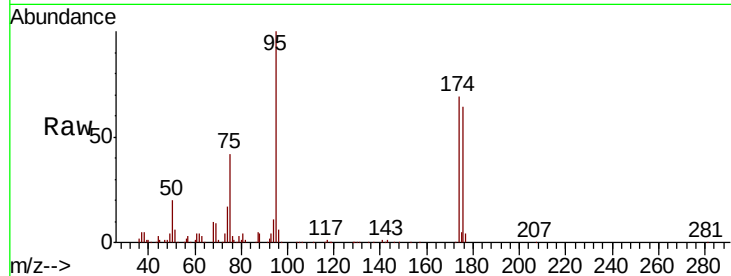
#62
4-Bromofluorobenzene
Concen: 38.995 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument :
MSVOA_F
ClientSampled :
S1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	126806		
174	68.7	0.0	138.2	
176	63.9	0.0	146.2	

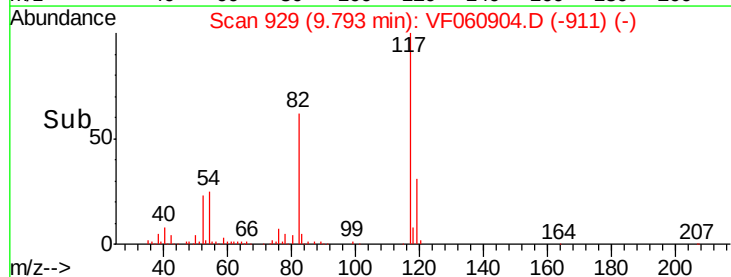
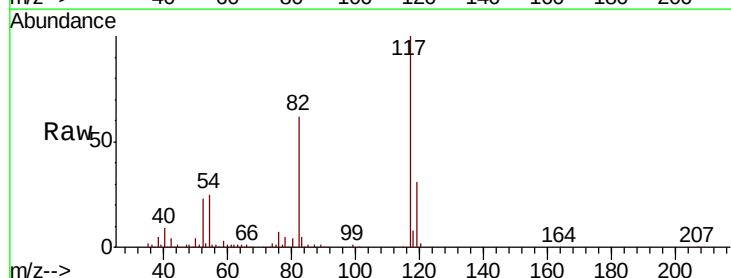
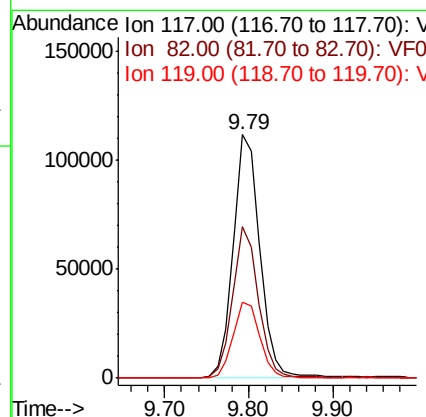
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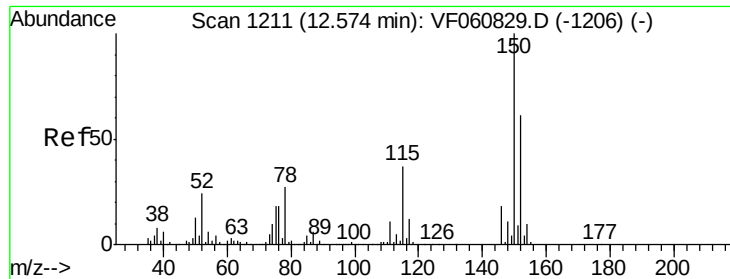
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	247720		
82	62.0	46.6	69.8	
119	31.1	26.4	39.6	





#72

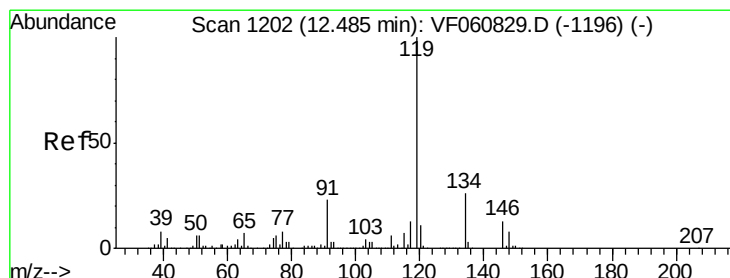
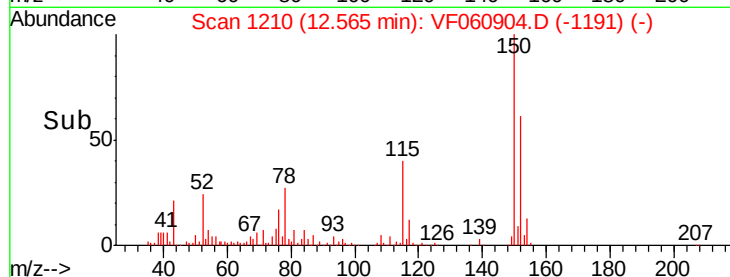
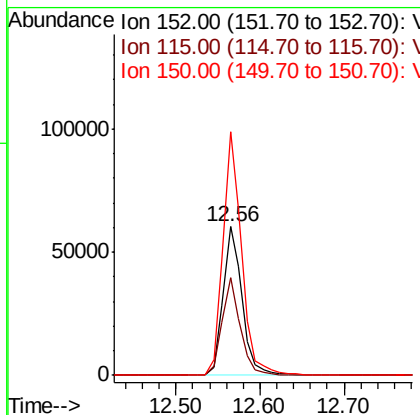
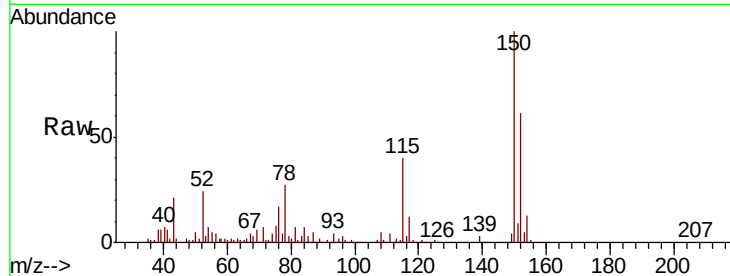
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument :
MSVOA_F
ClientSampled :
S1

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.5	30.1	90.5
150	164.0	0.0	327.6

Manual Integrations
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#86

p-Isopropyltoluene
Concen: 1.078 ug/l
RT: 12.48 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.9	38.6
91	20.7	11.8	35.3

