

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060814.D
 Acq On : 20 Nov 2018 20:36
 Operator : VA/AP
 Sample : J5981-01
 Misc : 4.50g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DTW-01(6-10)

Manual Integrations
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Quant Time: Nov 21 03:24:19 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	188181	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	327893	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	275022	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	134600	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	100115	46.64	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.28%	
35) Dibromofluoromethane	4.12	113	126021	51.13	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	7.56	98	298265	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.42	95	134789	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
16) Acetone	2.24	43	19038	41.50	ug/l	94
20) Methylene Chloride	2.19	84	10419m	4.21	ug/l	
95) Naphthalene	14.47	128	24627	4.44	ug/l	95

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

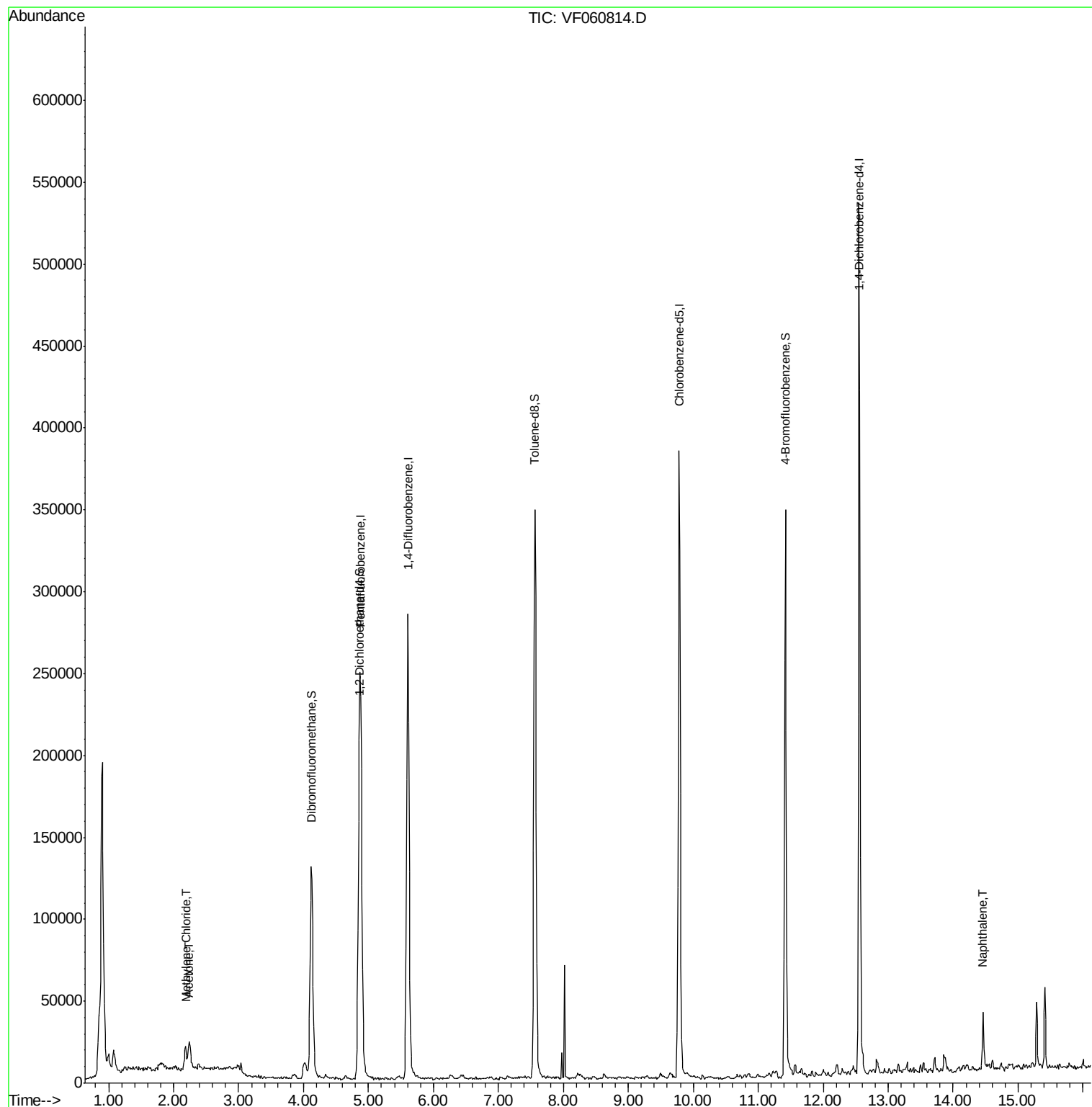
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
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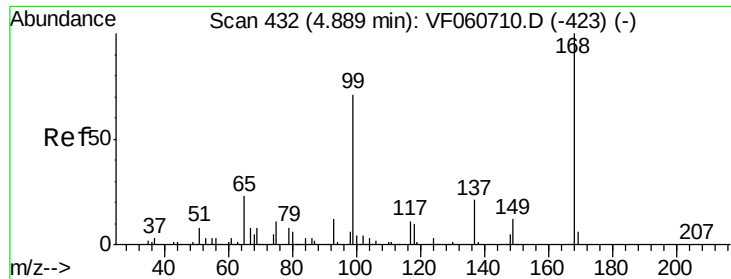
Instrument :
MSVOA_F
ClientSampleId :
DTW-01(6-10)

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Quant Time: Nov 21 03:24:19 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: 50.00 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060814.D

Acq: 20 Nov 2018 20:36

Instrument :

MSVOA_F

ClientSampleId :

DTW-01(6-10)

Tgt Ion: 168 Resp: 188181

Ion Ratio Lower Upper

168 100

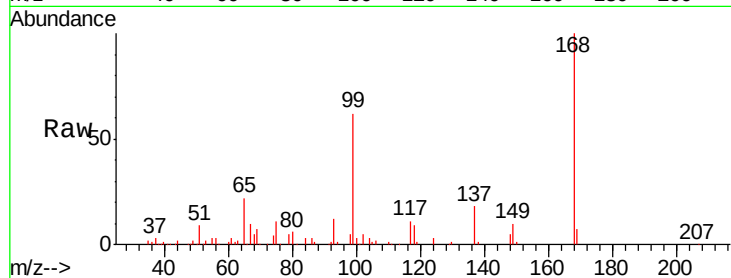
99 62.0 57.2 85.8

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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

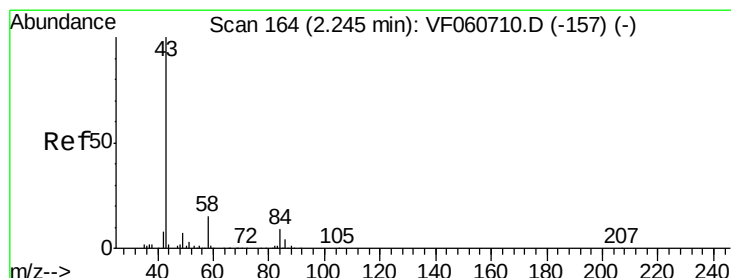
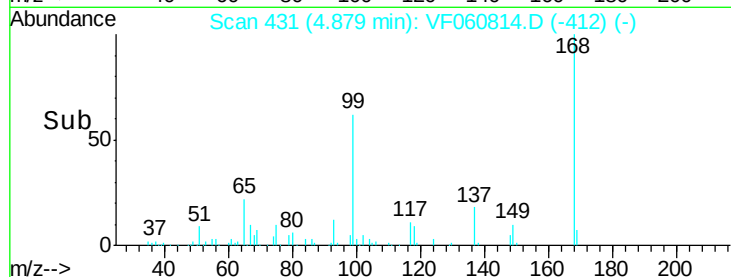
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 41.50 ug/l

RT: 2.24 min Scan# 164

Delta R.T. -0.00 min

Lab File: VF060814.D

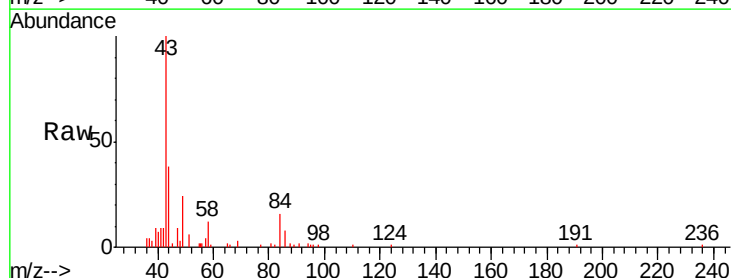
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Tgt Ion: 43 Resp: 19038

Ion Ratio Lower Upper

43 100

58 12.2 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

10000

8000

6000

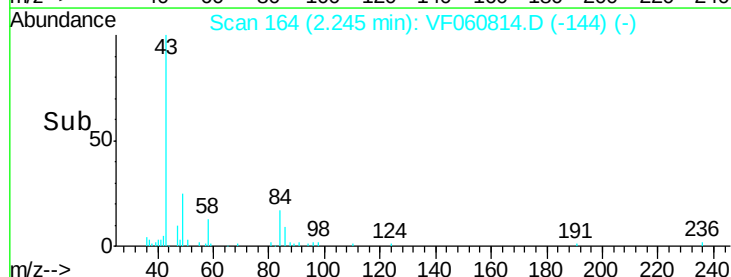
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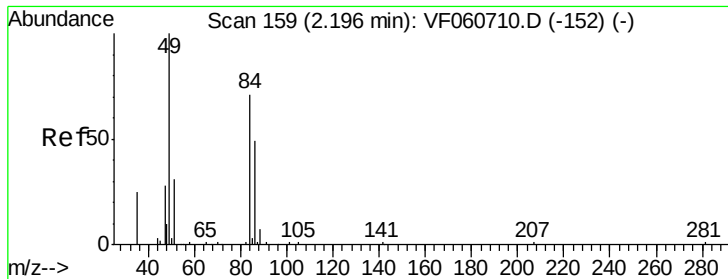
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0

Time-->

2.10 2.20 2.30 2.40





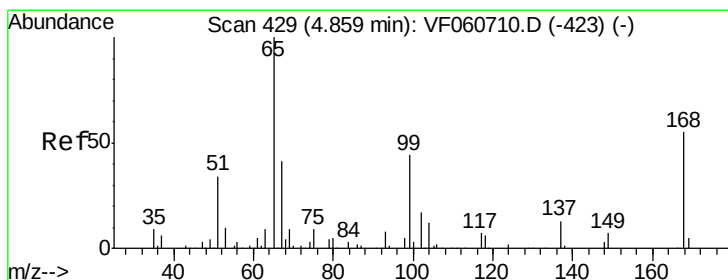
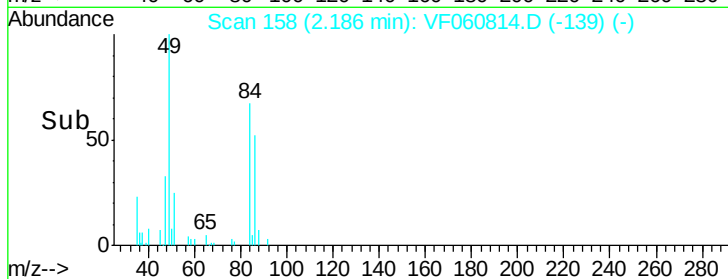
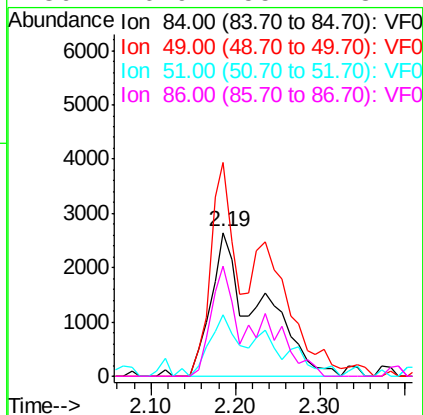
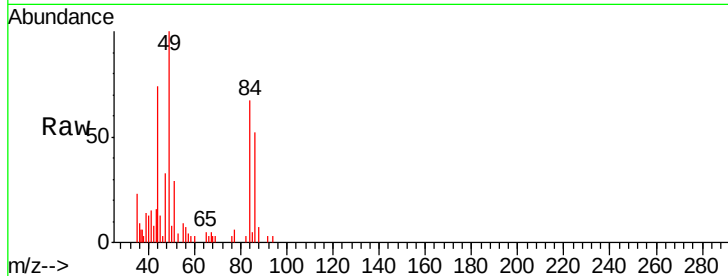
#20
Methylene Chloride
Concen: 4.21 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF060814.D
Acq: 20 Nov 2018 20:36

Instrument :
MSVOA_F
ClientSampleId :
DTW-01(6-10)

Tgt Ion:	84	Resp:	10419
Ion	Ratio	Lower	Upper
84	100		
49	149.0	120.2	180.4
51	42.7	37.2	55.8
86	76.9	55.1	82.7

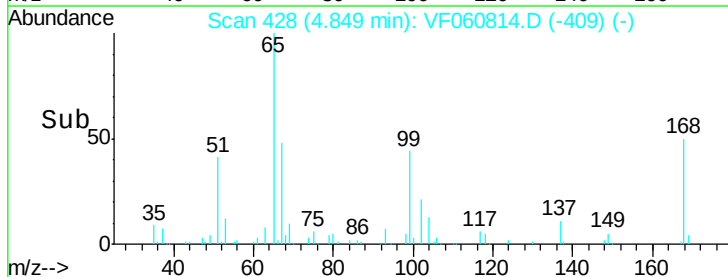
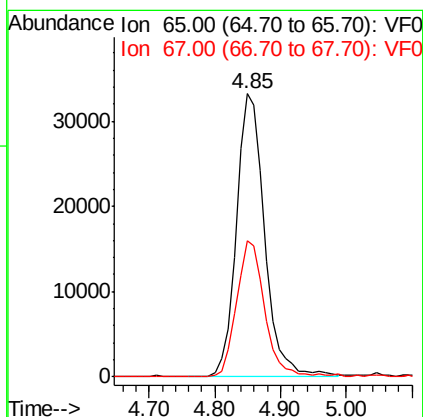
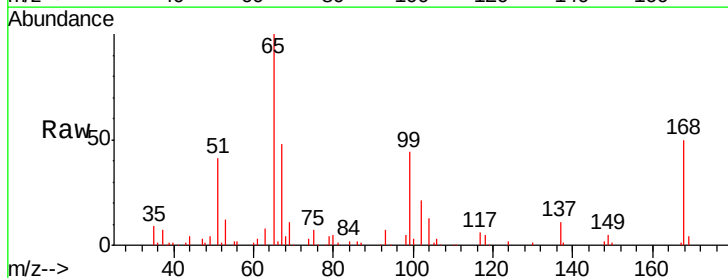
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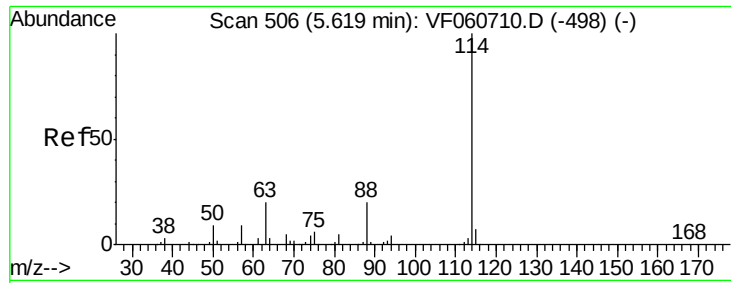
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#33
1,2-Dichloroethane-d4
Concen: 46.64 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF060814.D
Acq: 20 Nov 2018 20:36

Tgt Ion:	65	Resp:	100115
Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	90.2





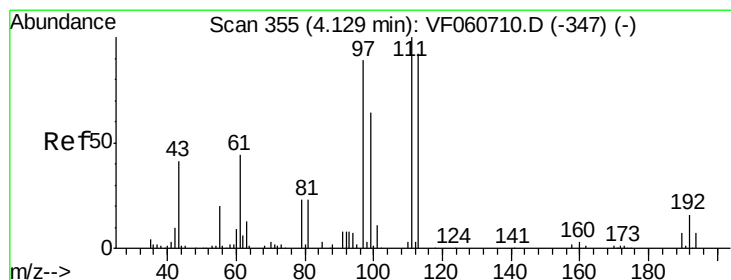
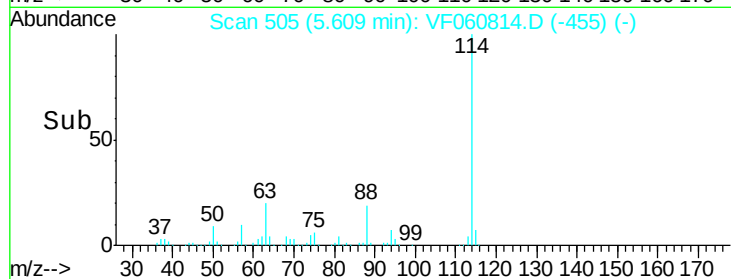
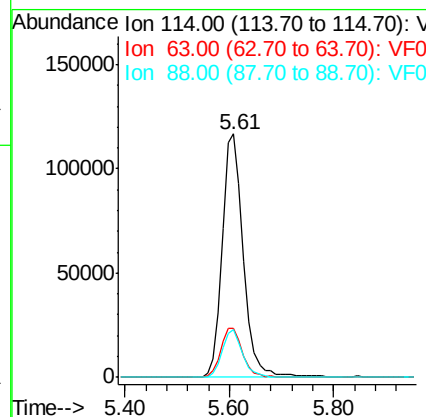
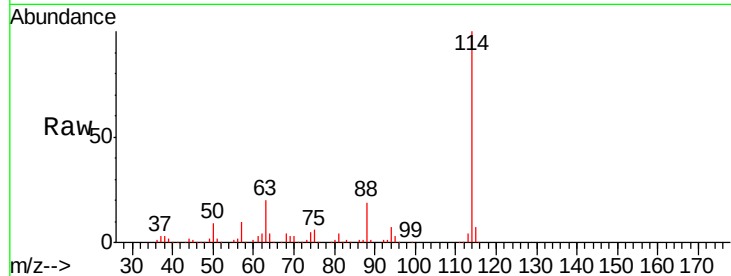
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: VF060814.D
 Acq: 20 Nov 2018 20:36

Instrument :
 MSVOA_F
 ClientSampleId :
 DTW-01(6-10)

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	327893		
63	20.0	0.0	40.8	
88	19.4	0.0	39.6	

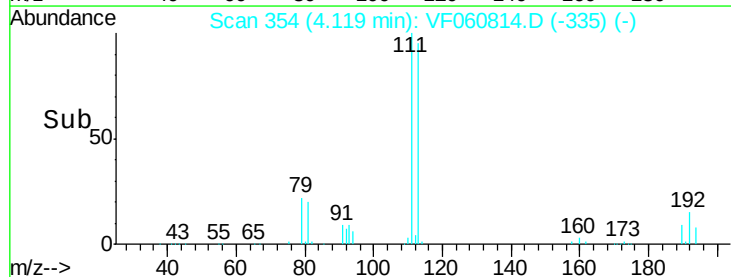
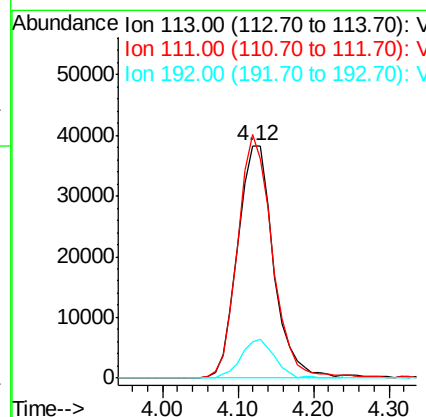
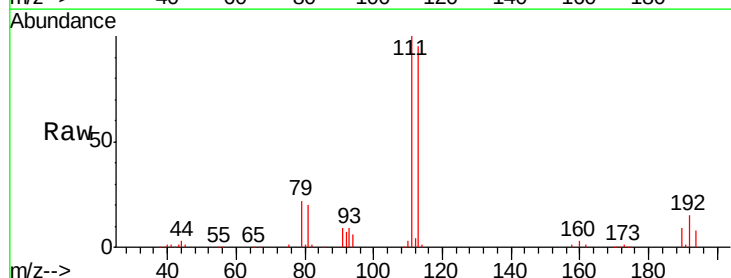
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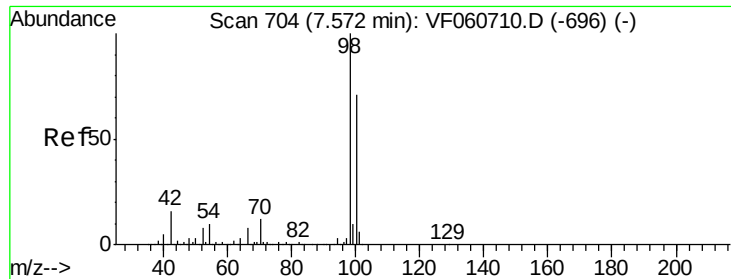
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#35
 Dibromofluoromethane
 Concen: 51.13 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VF060814.D
 Acq: 20 Nov 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	126021		
111	104.9	87.1	130.7	
192	15.5	13.8	20.6	





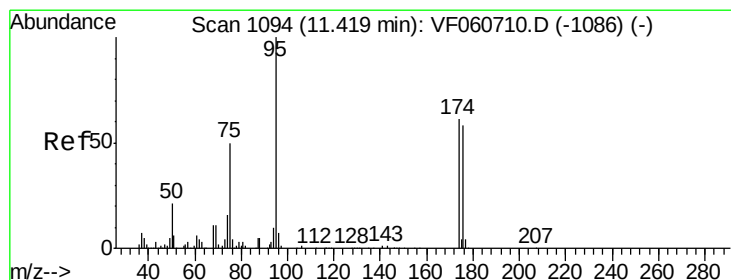
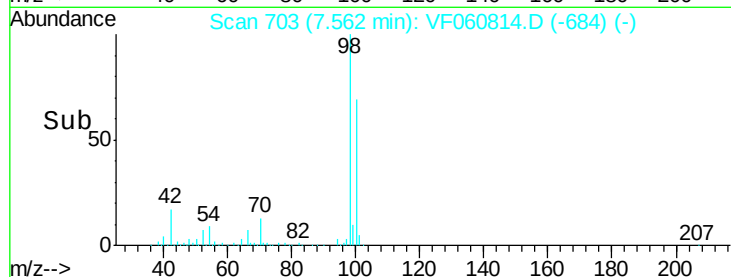
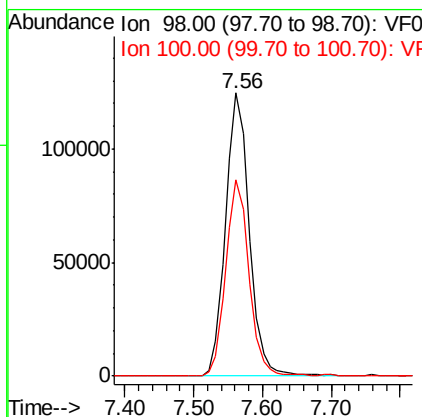
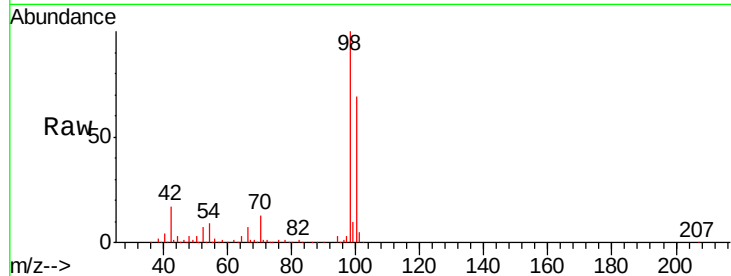
#50
Toluene-d8
Concen: 46.93 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060814.D
Acq: 20 Nov 2018 20:36

Instrument :
MSVOA_F
ClientSampleId :
DTW-01(6-10)

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	298265		
100	69.3	56.5	84.7	

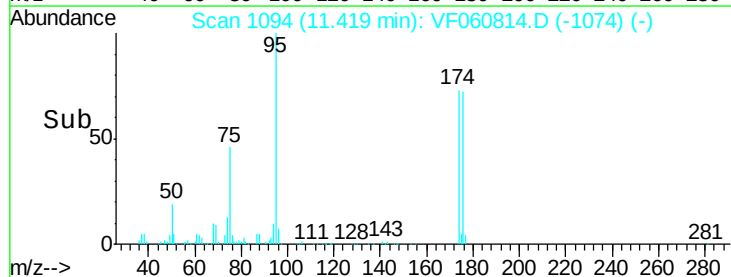
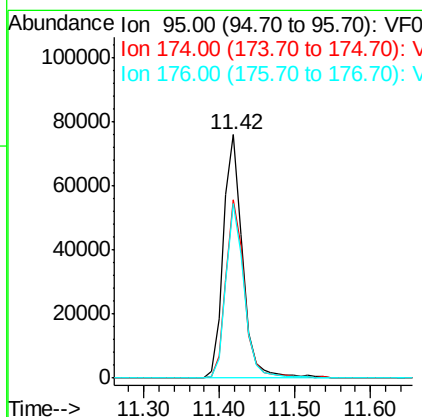
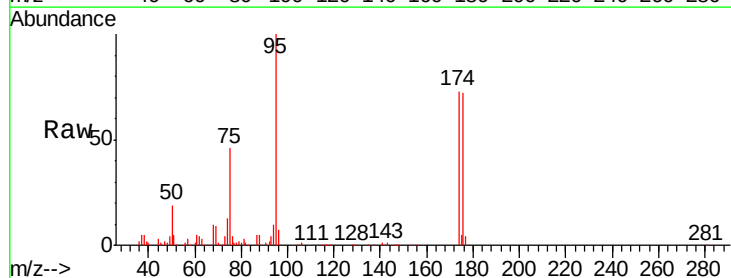
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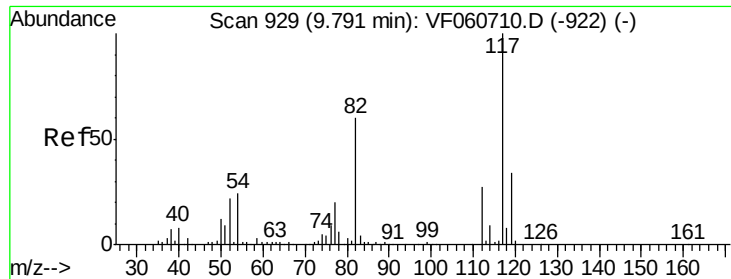
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#62
4-Bromofluorobenzene
Concen: 45.88 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060814.D
Acq: 20 Nov 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	134789		
174	73.5	0.0	121.6	
176	71.7	0.0	115.2	





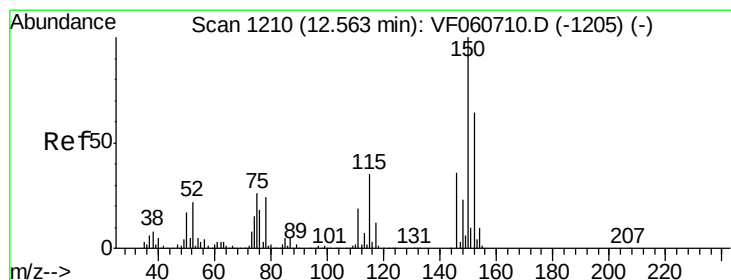
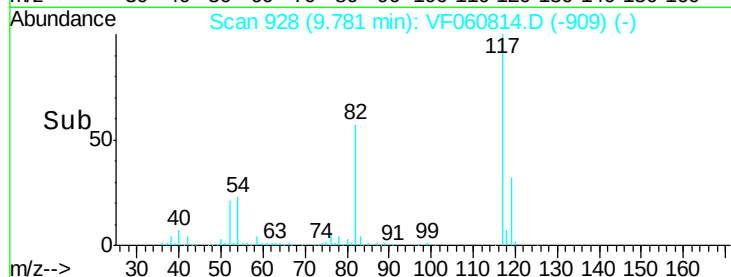
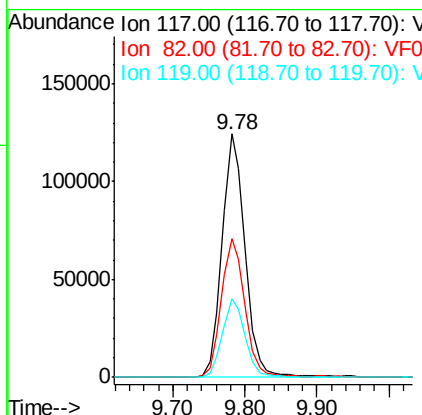
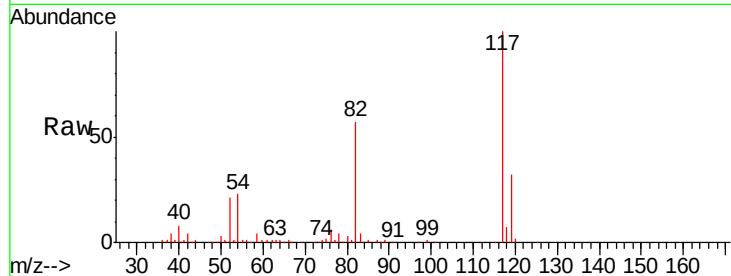
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060814.D
Acq: 20 Nov 2018 20:36

Instrument :
MSVOA_F
ClientSampleId :
DTW-01(6-10)

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	275022		
82	57.1	47.9	71.9	
119	32.5	26.8	40.2	

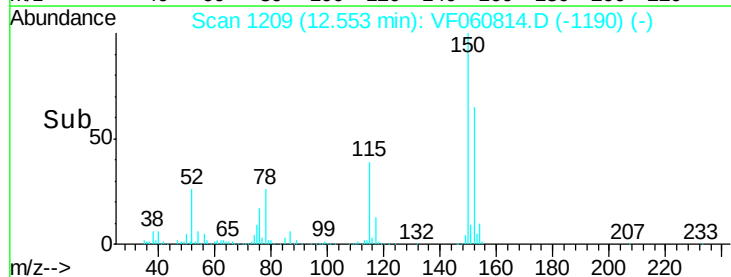
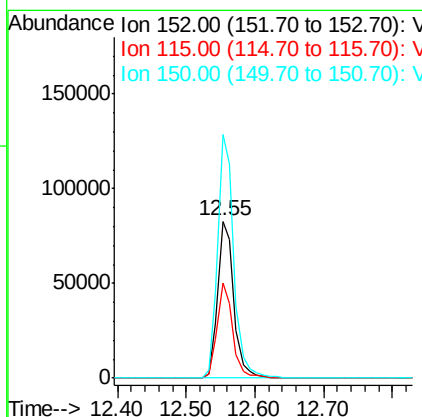
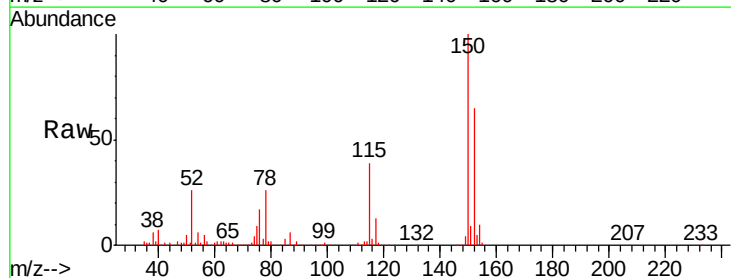
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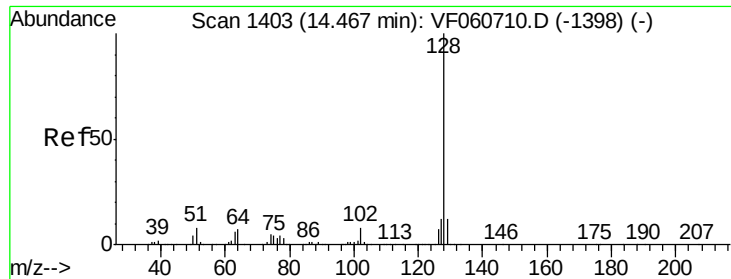
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060814.D
Acq: 20 Nov 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	134600		
115	60.6	27.9	83.7	
150	154.9	0.0	316.4	





#95
Naphthalene
Concen: 4.44 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. -0.00 min
Lab File: VF060814.D
Acq: 20 Nov 2018 20:36

Instrument :
MSVOA_F
ClientSampleId :
DTW-01(6-10)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.1	9.8	14.6
129	9.8	9.3	13.9

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