

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060813.D
 Acq On : 20 Nov 2018 20:08
 Operator : VA/AP
 Sample : J5952-06
 Misc : 4.73g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DUP-01

Manual Integrations
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Quant Time: Nov 21 03:21:00 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	4.87	168	206508	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	354665	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.78	117	285611	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	143300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	87238	37.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.08%	
35) Dibromofluoromethane	4.11	113	108390	40.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.32%	
50) Toluene-d8	7.56	98	260029	37.06	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	74.12%	
62) 4-Bromofluorobenzene	11.41	95	118500	36.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.94%	
Target Compounds						
16) Acetone	2.24	43	30297	60.18	ug/l #	89
20) Methylene Chloride	2.23	84	6832m	1.30	ug/l	
25) 2-Butanone	4.34	43	9664	11.67	ug/l	94
40) Benzene	4.64	78	9782	1.07	ug/l #	77
95) Naphthalene	14.46	128	8597	1.46	ug/l	97

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

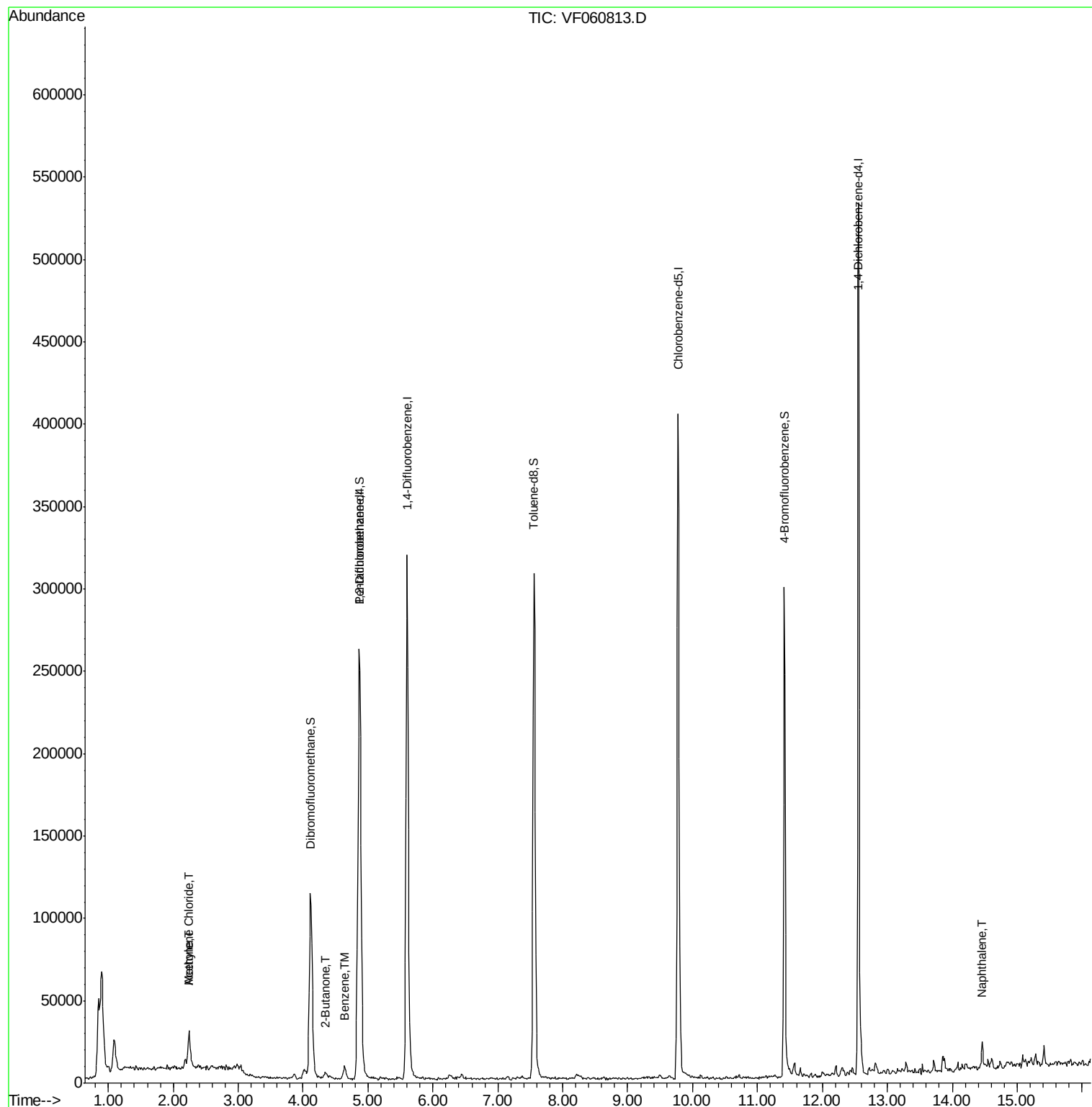
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
Data File : VF060813.D
Acq On : 20 Nov 2018 20:08
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Misc : 4.73g/5mL/MSVOA-F/SOIL
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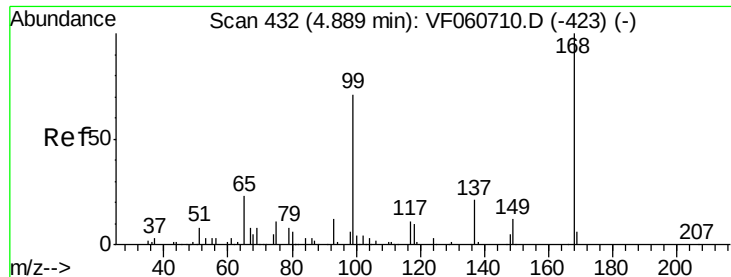
Instrument :
MSVOA_F
ClientSampleId :
DUP-01

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Quant Time: Nov 21 03:21:00 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: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF060813.D

Acq: 20 Nov 2018 20:08

Instrument :

MSVOA_F

ClientSampled :

DUP-01

Tgt Ion:168 Resp: 206508

Ion Ratio Lower Upper

168 100

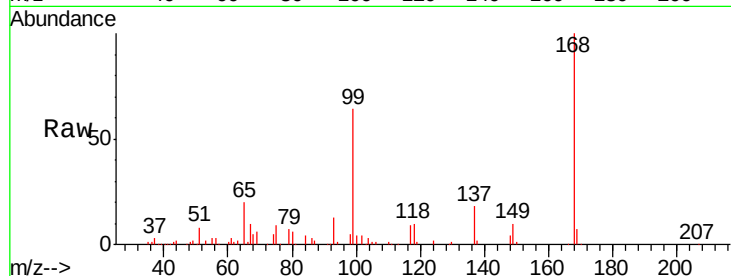
99 63.7 57.2 85.8

Manual Integrations

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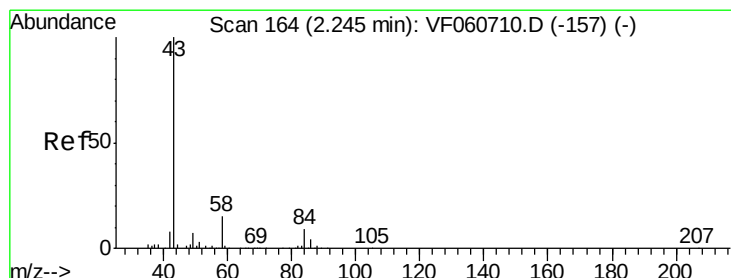
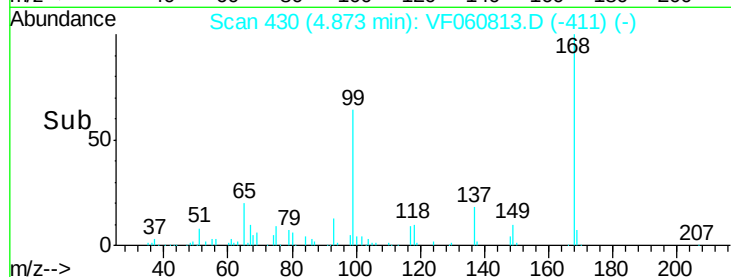
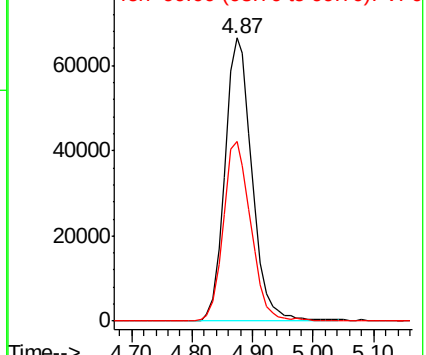
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 60.18 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF060813.D

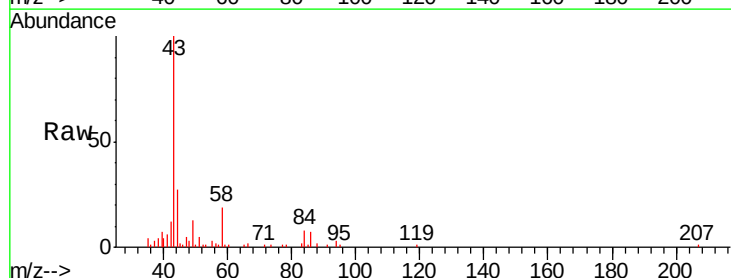
Acq: 20 Nov 2018 20:08

Tgt Ion: 43 Resp: 30297

Ion Ratio Lower Upper

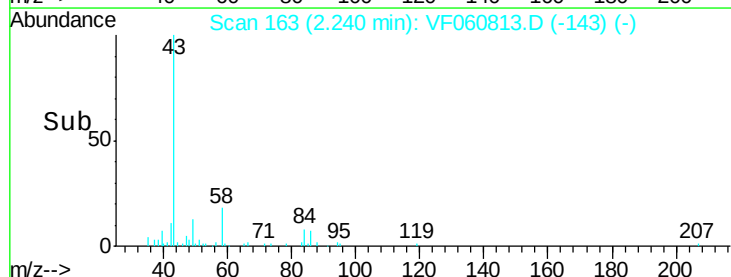
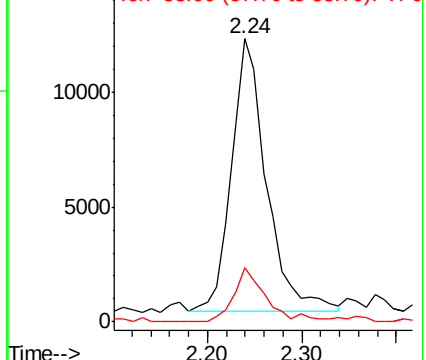
43 100

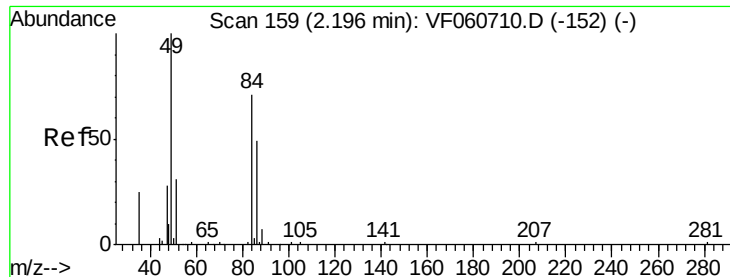
58 19.2 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





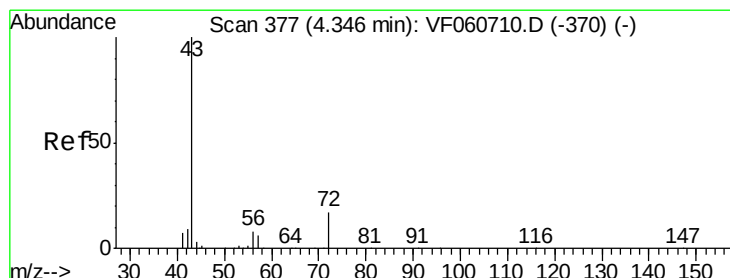
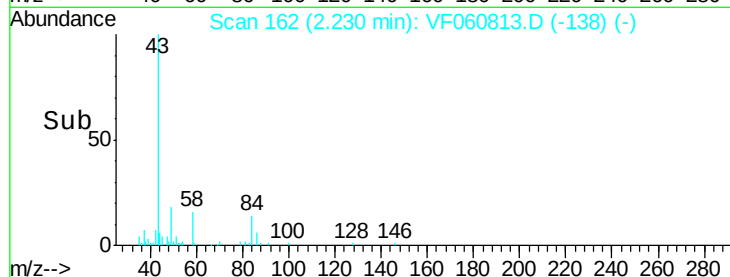
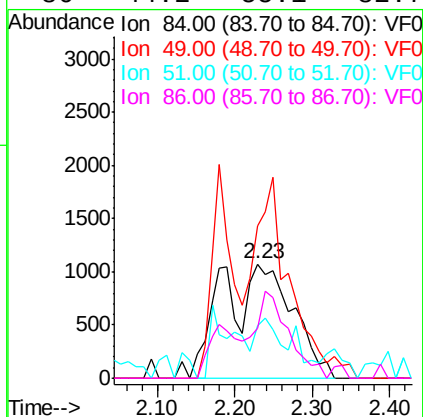
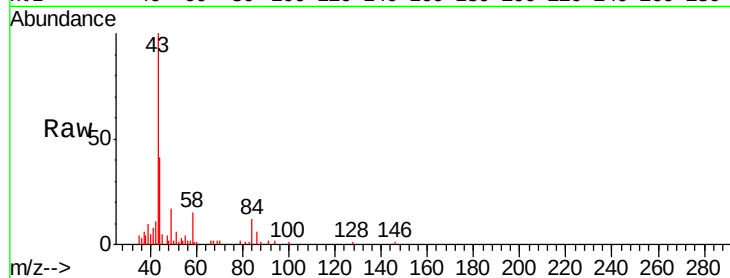
#20
Methylene Chloride
Concen: 1.30 ug/l m
RT: 2.23 min Scan# 162
Delta R.T. 0.03 min
Lab File: VF060813.D
Acq: 20 Nov 2018 20:08

Instrument :
MSVOA_F
ClientSampleId :
DUP-01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.7	120.2	180.4
51	45.6	37.2	55.8
86	44.2	55.1	82.7#

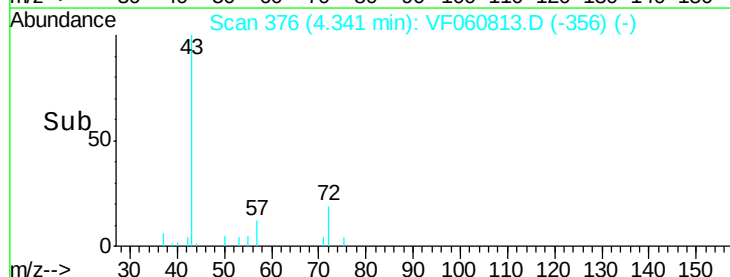
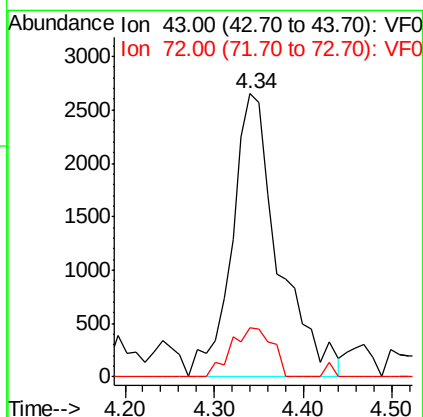
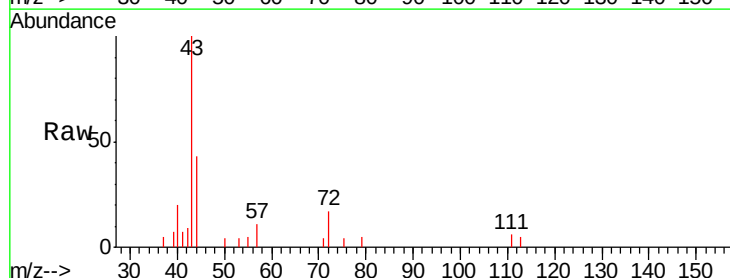
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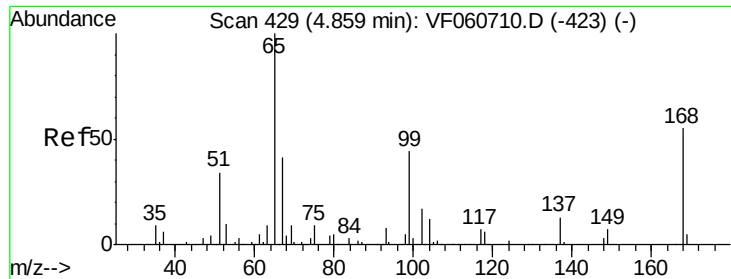
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#25
2-Butanone
Concen: 11.67 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF060813.D
Acq: 20 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
43	100		
72	17.2	16.1	24.1





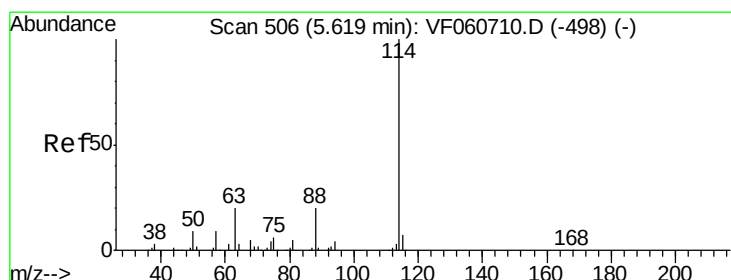
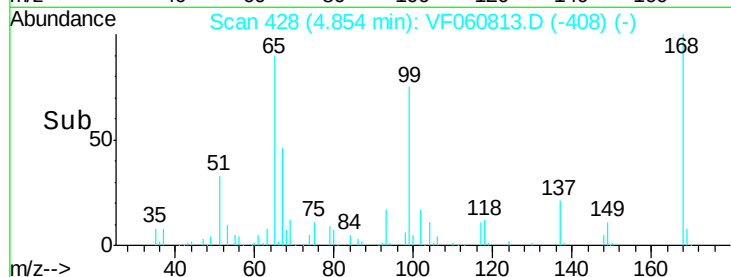
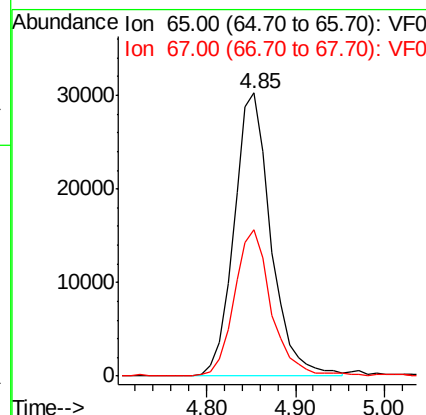
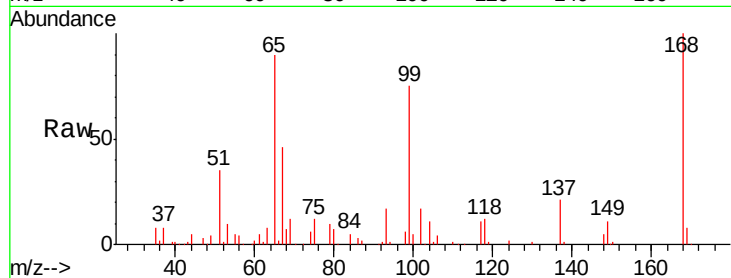
#33
 1,2-Dichloroethane-d4
 Concen: 37.04 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: VF060813.D
 Acq: 20 Nov 2018 20:08

Instrument :
 MSVOA_F
 ClientSampled :
 DUP-01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	87238		
67	51.8	0.0	90.2	

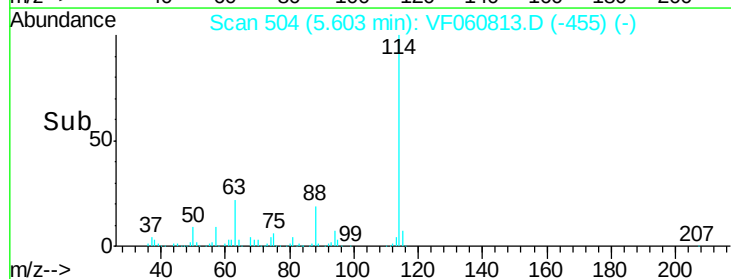
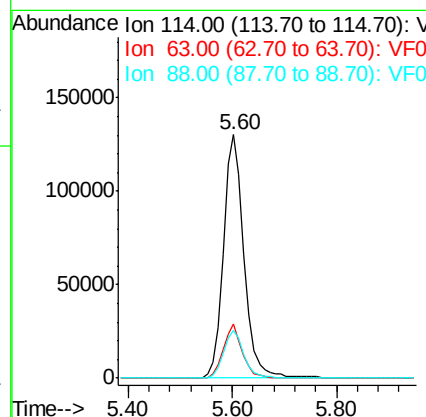
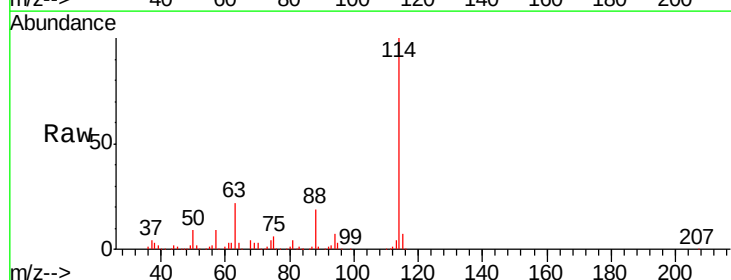
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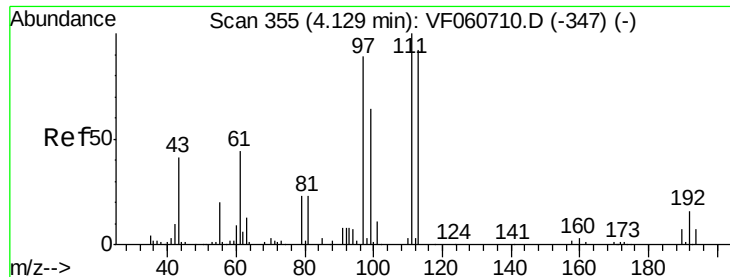
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: VF060813.D
 Acq: 20 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	354665		
63	22.2	0.0	40.8	
88	19.4	0.0	39.6	





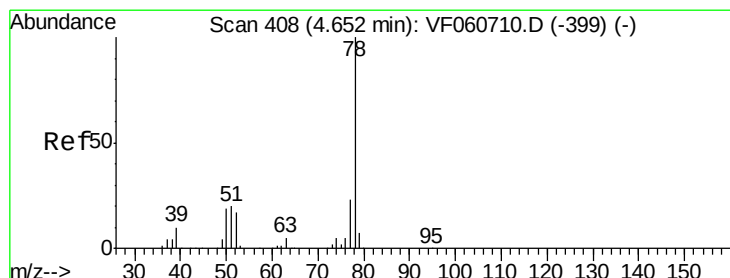
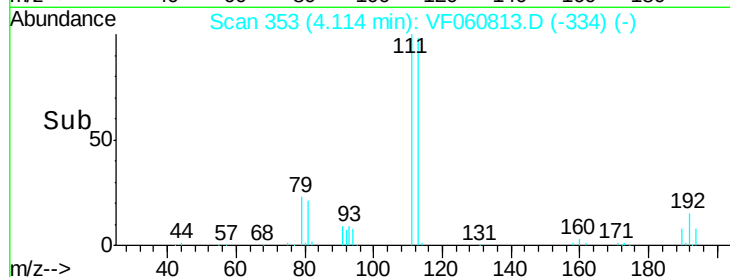
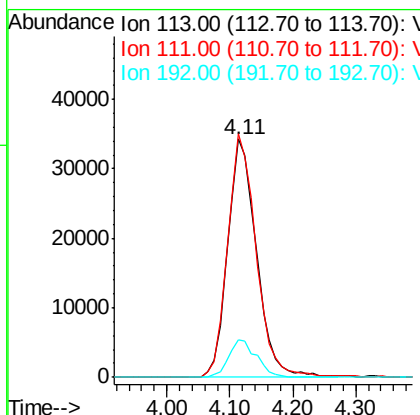
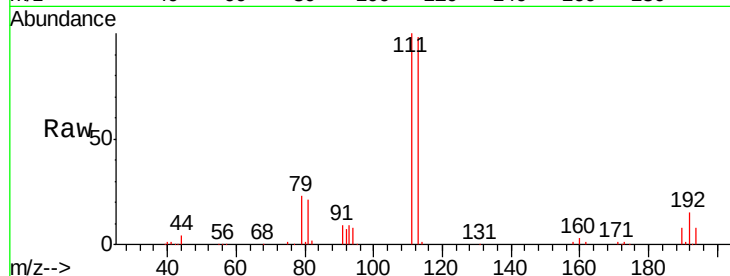
#35
 Dibromofluoromethane
 Concen: 40.66 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: VF060813.D
 Acq: 20 Nov 2018 20:08

Instrument :
 MSVOA_F
 ClientSampleId :
 DUP-01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	108390		
111	102.2	87.1	130.7	
192	15.6	13.8	20.6	

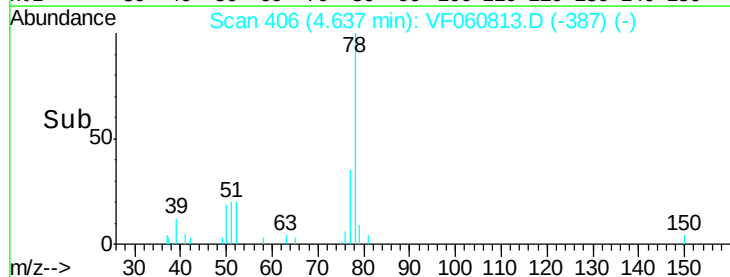
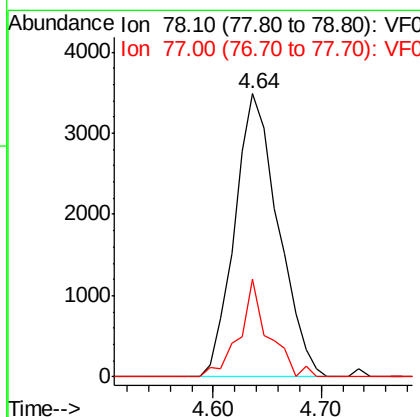
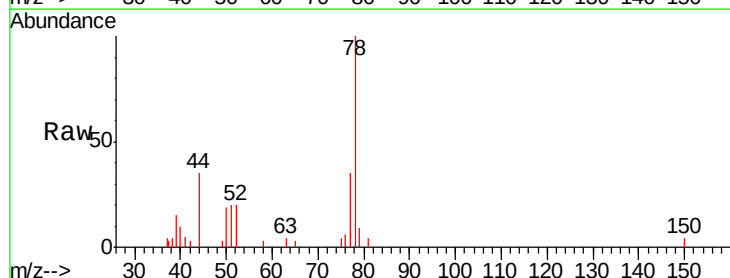
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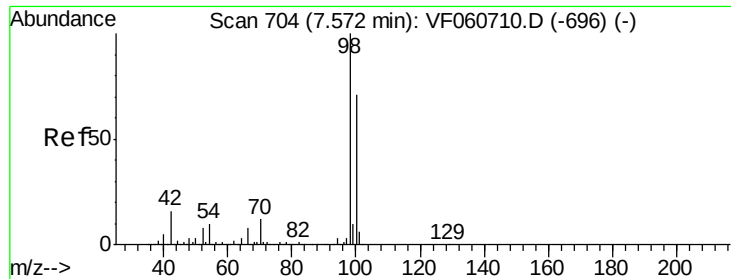
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#40
 Benzene
 Concen: 1.07 ug/l
 RT: 4.64 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VF060813.D
 Acq: 20 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	9782		
77	34.7	18.6	28.0	#





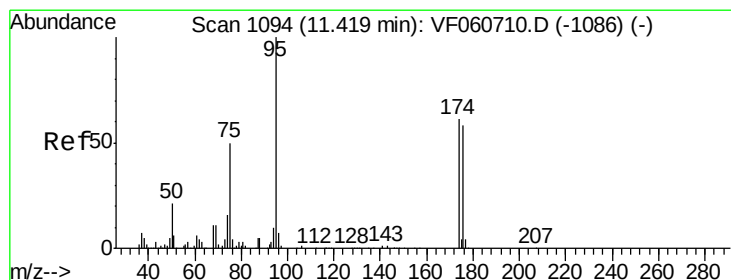
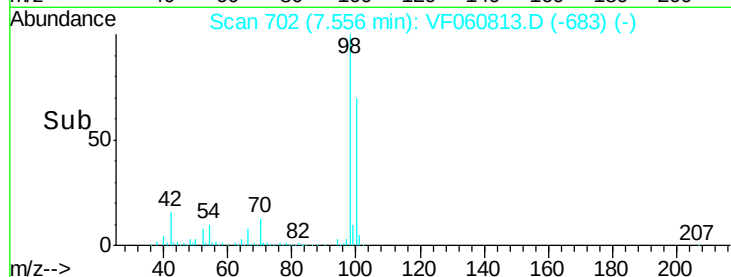
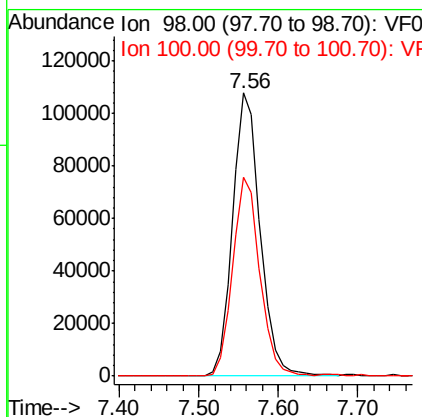
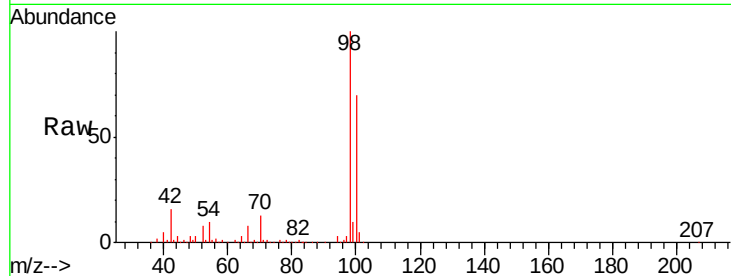
#50
Toluene-d8
Concen: 37.06 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060813.D
Acq: 20 Nov 2018 20:08

Instrument :
MSVOA_F
ClientSampleId :
DUP-01

Tgt Ion: 98 Resp: 260029
Ion Ratio Lower Upper
98 100
100 70.3 56.5 84.7

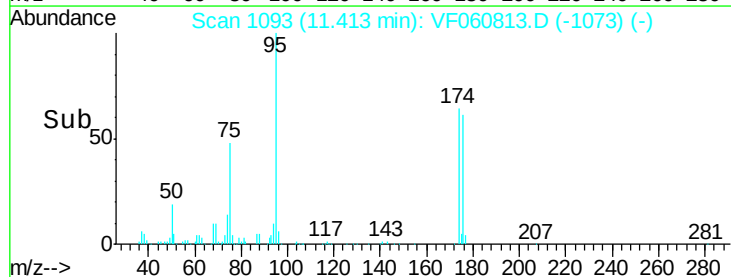
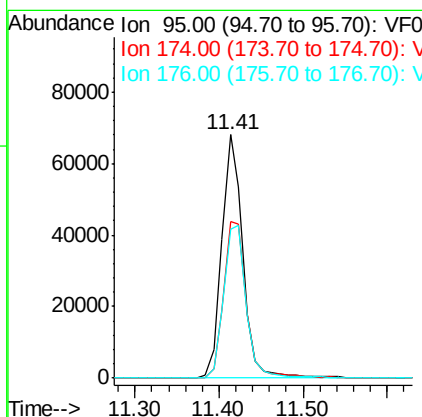
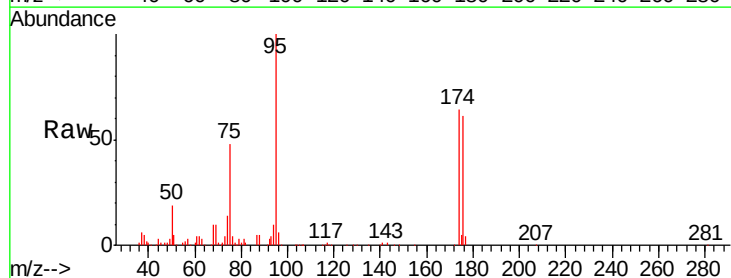
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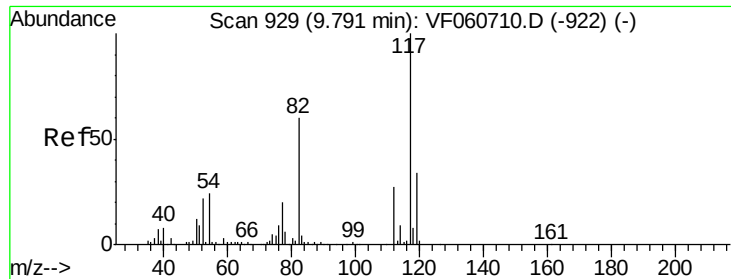
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#62
4-Bromofluorobenzene
Concen: 36.47 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060813.D
Acq: 20 Nov 2018 20:08

Tgt Ion: 95 Resp: 118500
Ion Ratio Lower Upper
95 100
174 64.2 0.0 121.6
176 61.2 0.0 115.2





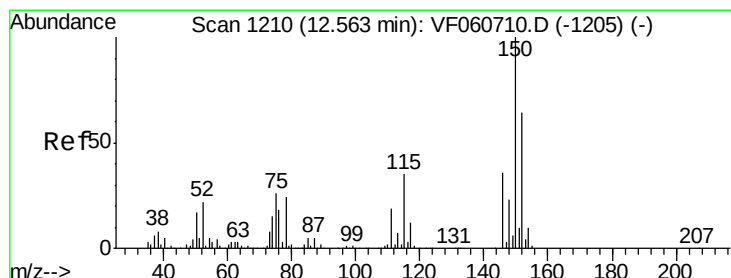
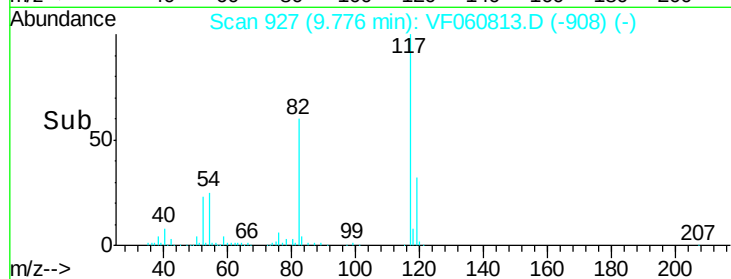
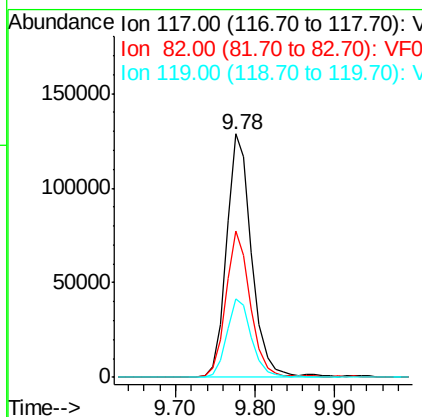
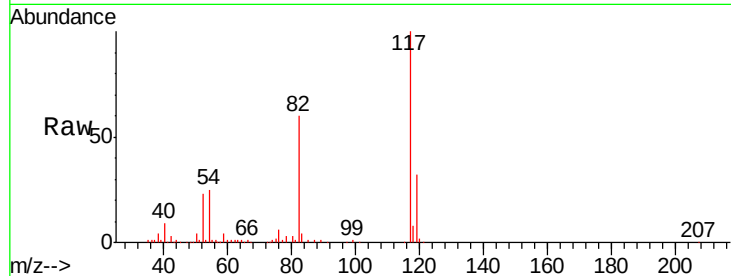
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF060813.D
Acq: 20 Nov 2018 20:08

Instrument :
MSVOA_F
ClientSampleId :
DUP-01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	285611		
82	60.0	47.9	71.9	
119	32.0	26.8	40.2	

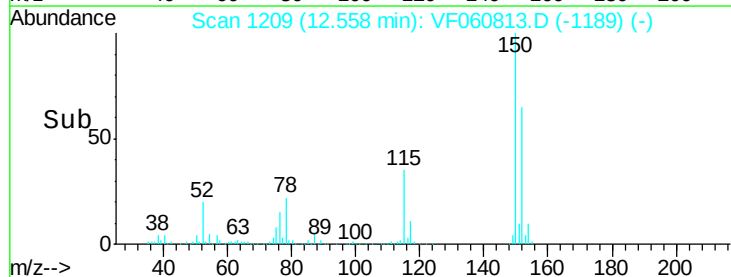
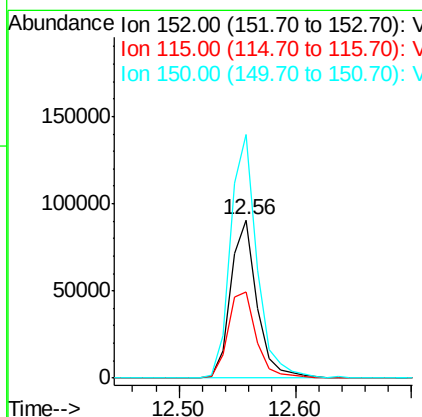
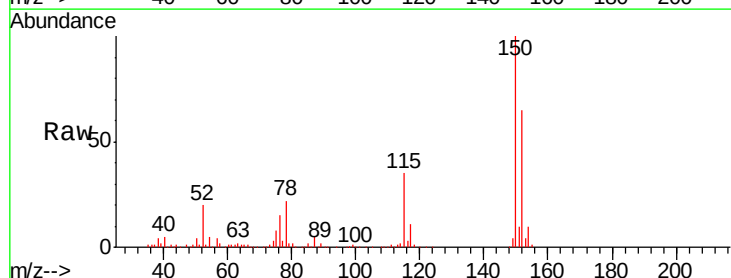
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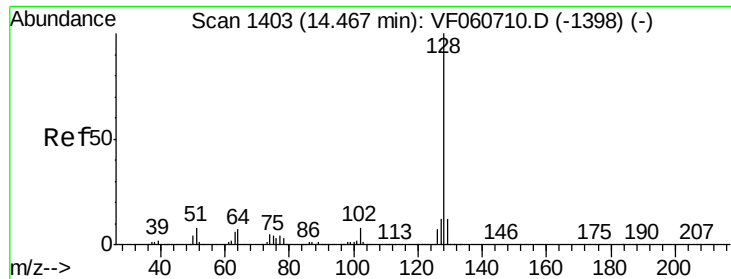
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060813.D
Acq: 20 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	143300		
115	54.0	27.9	83.7	
150	153.6	0.0	316.4	





#95
Naphthalene
Concen: 1.46 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF060813.D
Acq: 20 Nov 2018 20:08

Instrument :
MSVOA_F
ClientSampleId :
DUP-01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.8	14.6
129	9.7	9.3	13.9

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