

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061033.D
 Acq On : 14 Dec 2018 21:29
 Operator : VA/AP
 Sample : J6403-61RE
 Misc : 5.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8-BRE

Manual Integrations
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Quant Time: Dec 15 01:21:29 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	4.87	168	229255	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	433478	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	362177	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	171551	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	138038	51.11	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	4.11	113	155133	45.11	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	90.22%	
50) Toluene-d8	7.55	98	385074	38.01	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	76.02%	
62) 4-Bromofluorobenzene	11.41	95	179633	39.02	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	78.04%	
Target Compounds						
16) Acetone	2.24	43	15772	31.669	ug/l #	88
20) Methylene Chloride	2.26	84	14355m	7.857	ug/l	
25) 2-Butanone	4.34	43	5795	6.727	ug/l	92
52) Toluene	7.62	92	57651	7.727	ug/l	95

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

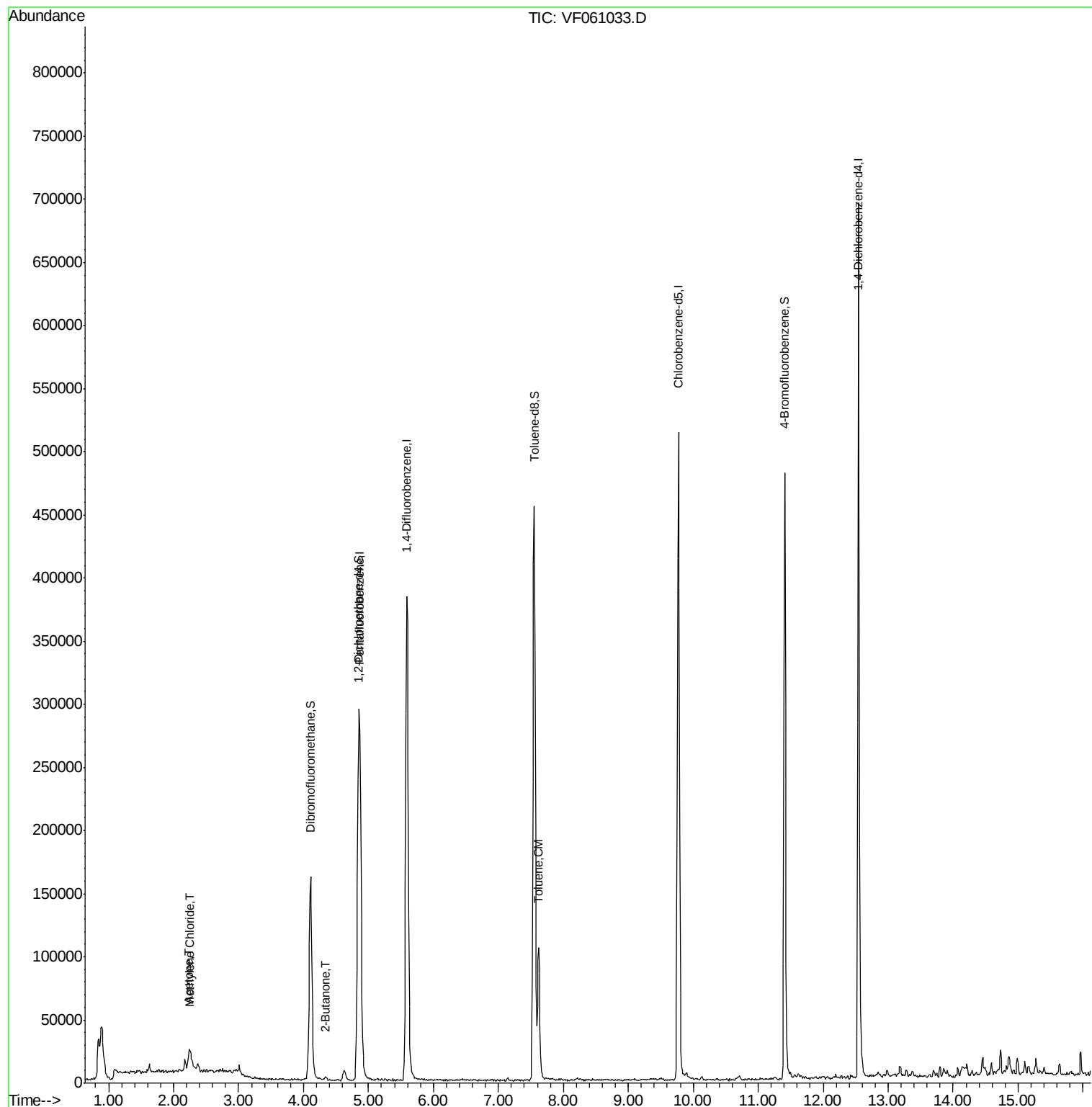
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
Data File : VF061033.D
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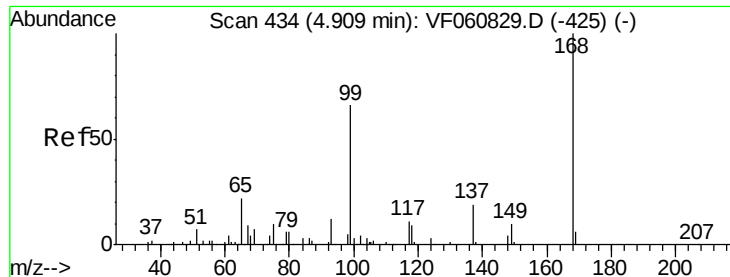
Instrument :
MSVOA_F
ClientSampleId :
TP-8-BRE

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Quant Time: Dec 15 01:21:29 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: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF061033.D

Acq: 14 Dec 2018 21:29

Instrument :

MSVOA_F

ClientSampleId :

TP-8-BRE

Tgt Ion: 168 Resp: 229255

Ion Ratio Lower Upper

168 100

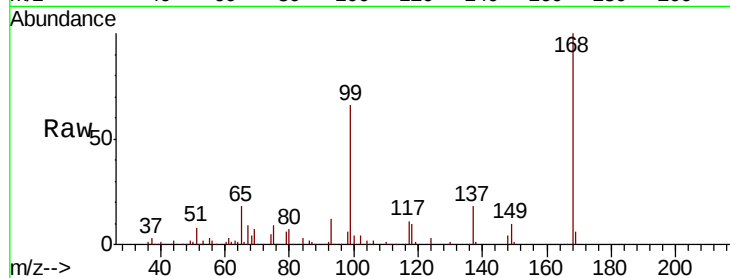
99 66.5 52.6 79.0

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

4.87

80000

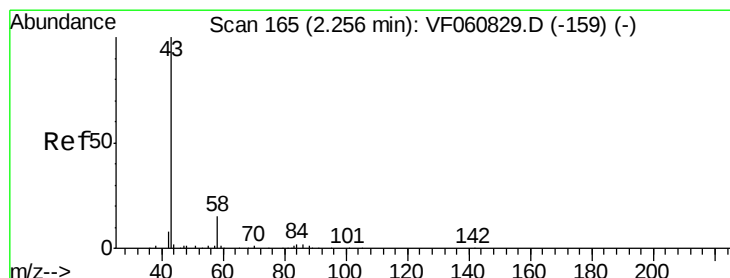
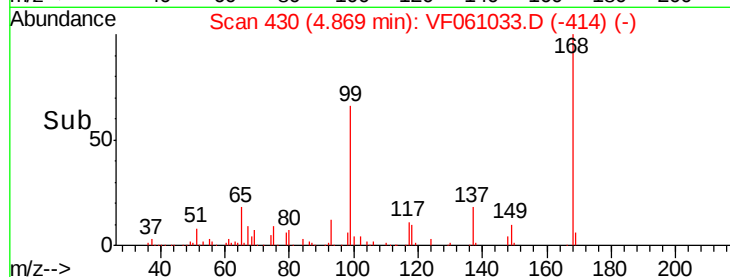
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 31.669 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF061033.D

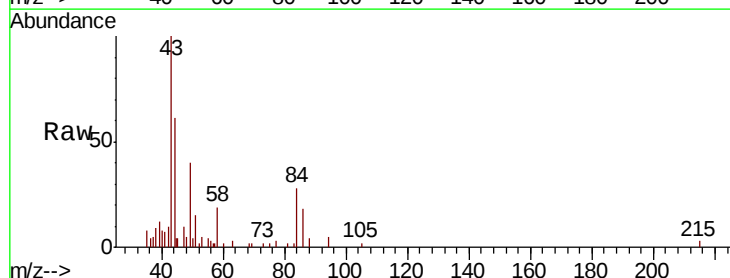
Acq: 14 Dec 2018 21:29

Tgt Ion: 43 Resp: 15772

Ion Ratio Lower Upper

43 100

58 19.2 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

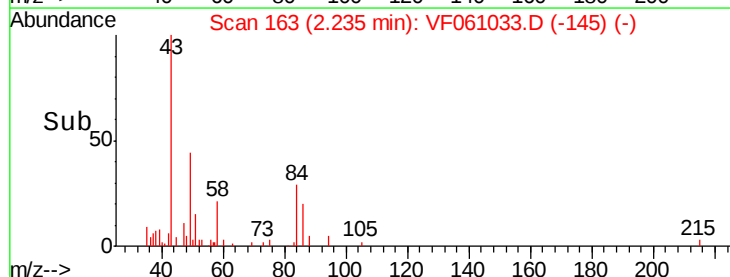
6000

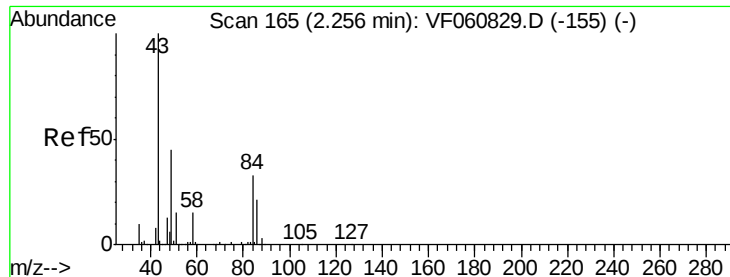
4000

2000

0

Time-->





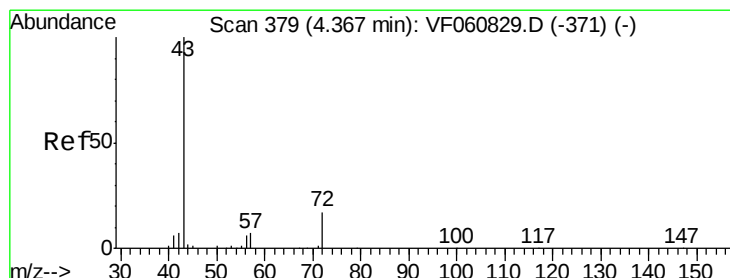
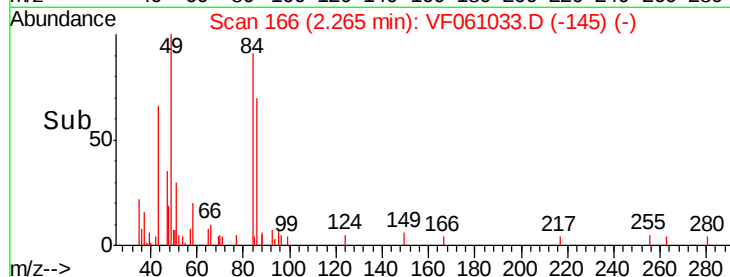
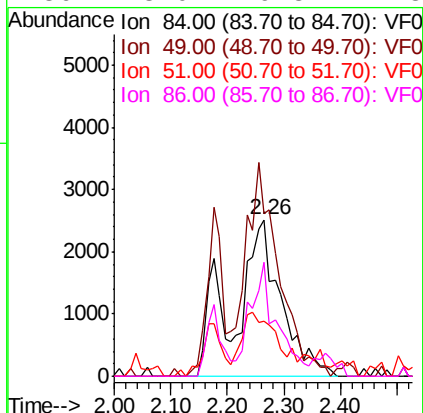
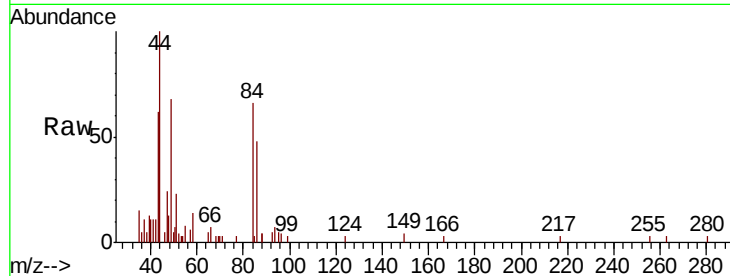
#20
Methylene Chloride
Concen: 7.857 ug/l m
RT: 2.26 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF061033.D
Acq: 14 Dec 2018 21:29

Instrument :
MSVOA_F
ClientSampleId :
TP-8-BRE

Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.1	111.3	166.9#
51	35.2	38.0	57.0#
86	73.0	49.8	74.8

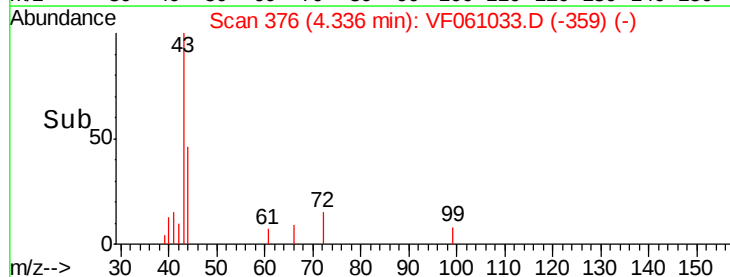
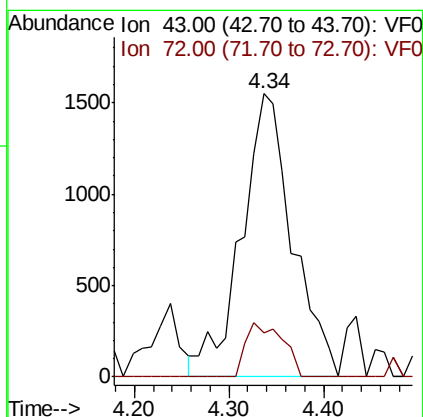
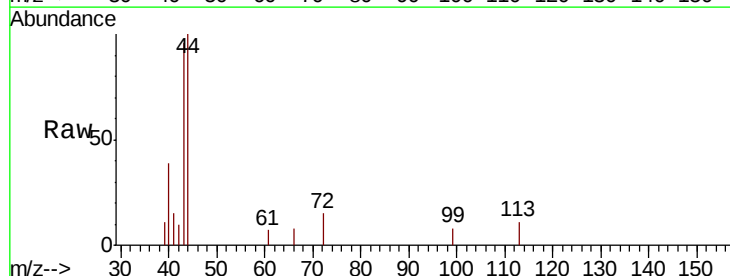
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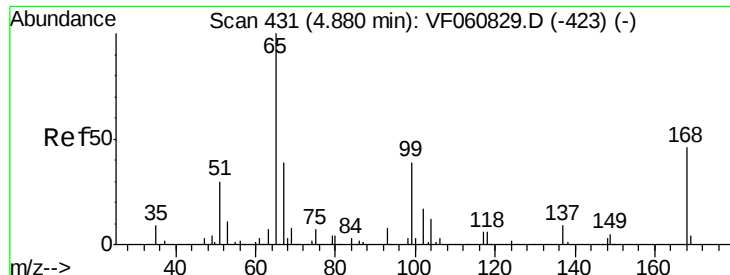
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#25
2-Butanone
Concen: 6.727 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.03 min
Lab File: VF061033.D
Acq: 14 Dec 2018 21:29

Tgt Ion	Ratio	Lower	Upper
43	100		
72	15.5	15.4	23.2





#33

1,2-Dichloroethane-d4

Concen: 51.112 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF061033.D

Acq: 14 Dec 2018 21:29

Instrument :

MSVOA_F

ClientSampleId :

TP-8-BRE

Tgt Ion: 65 Resp: 138038

Ion Ratio Lower Upper

65 100

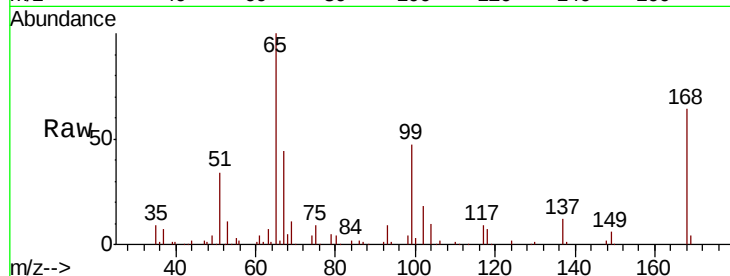
67 43.6 0.0 96.4

Manual Integrations

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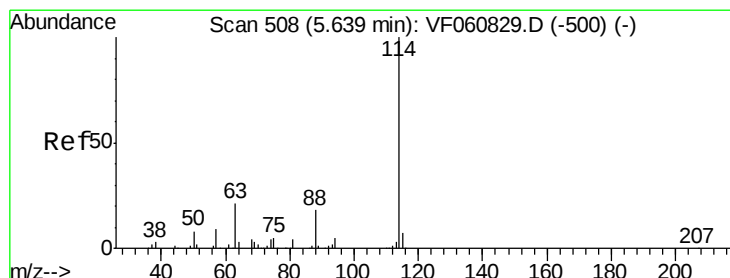
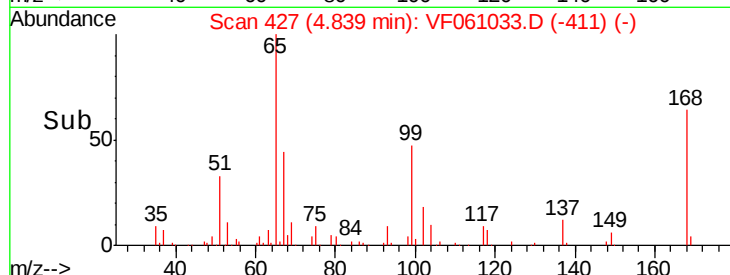
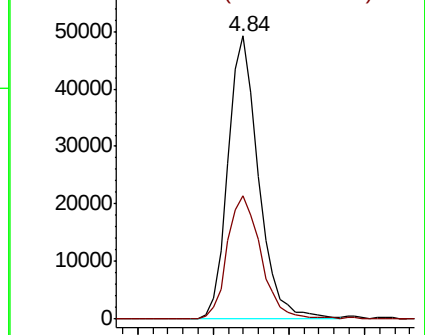
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF061033.D

Acq: 14 Dec 2018 21:29

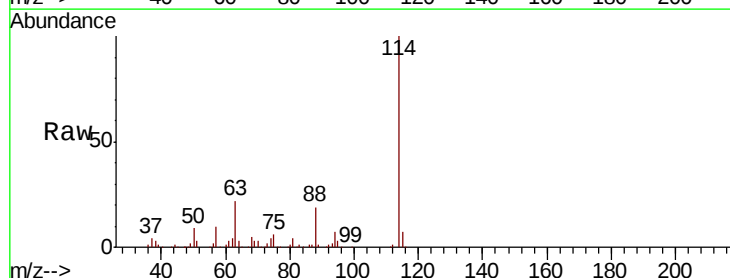
Tgt Ion: 114 Resp: 433478

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.6

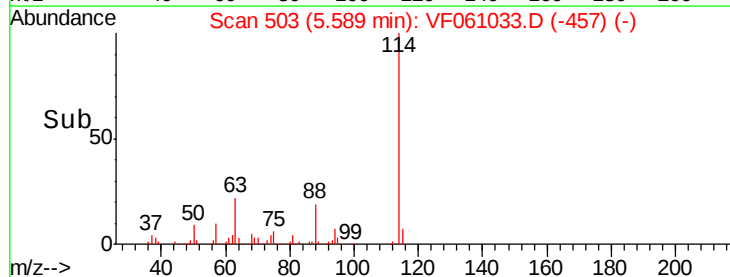
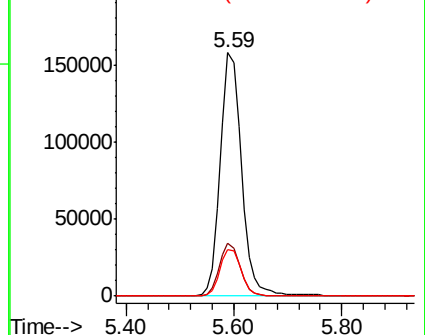
88 19.1 0.0 36.6

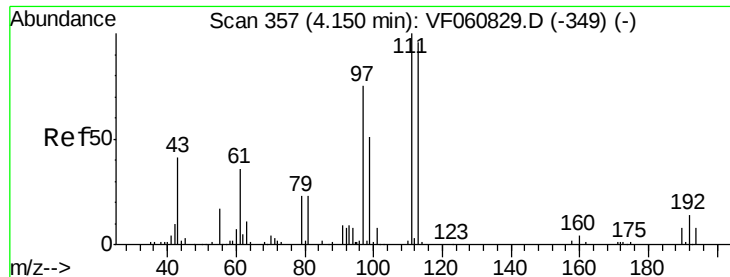


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





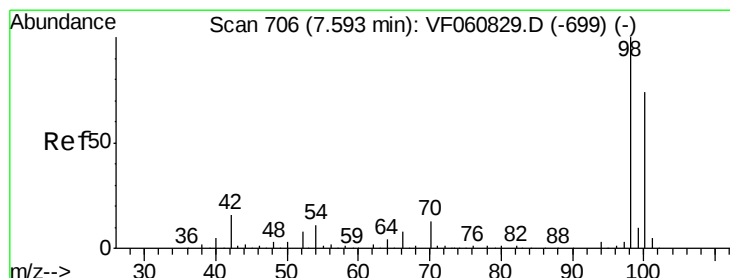
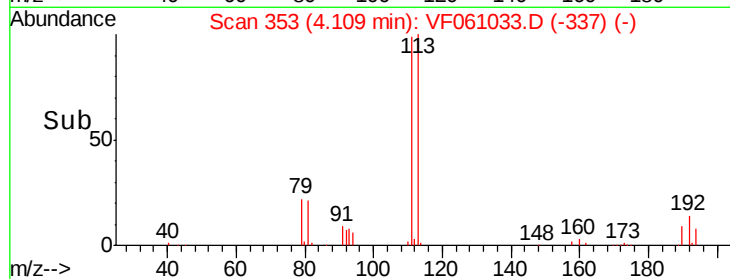
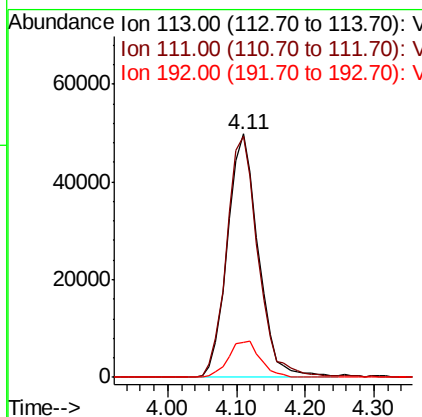
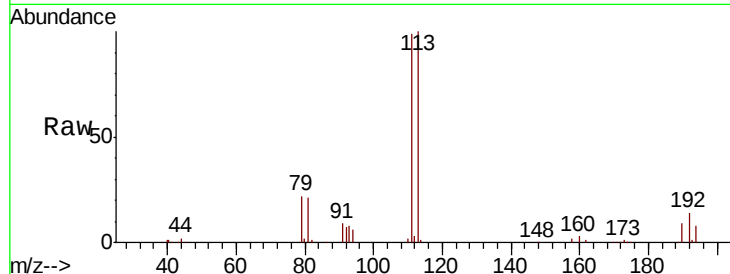
#35
 Dibromofluoromethane
 Concen: 45.111 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.04 min
 Lab File: VF061033.D
 Acq: 14 Dec 2018 21:29

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8-BRE

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.8	83.0	124.6
192	14.4	12.3	18.5

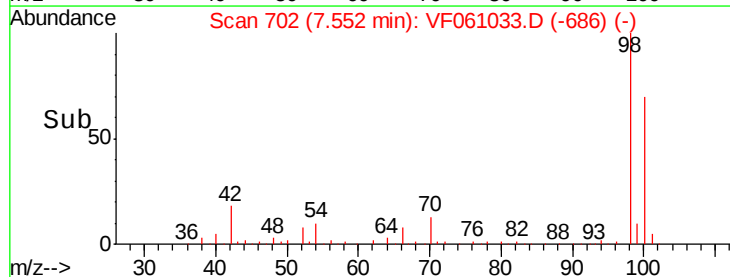
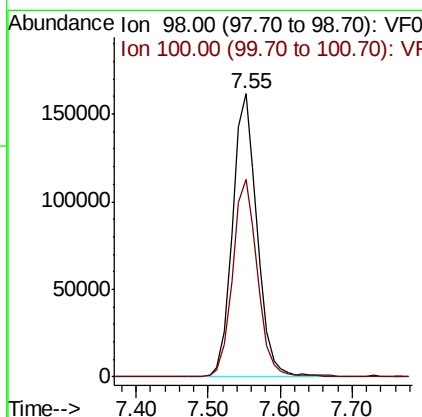
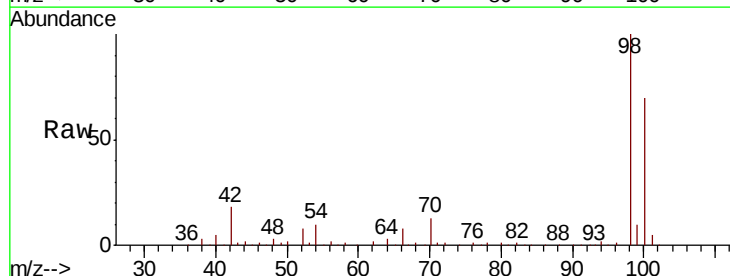
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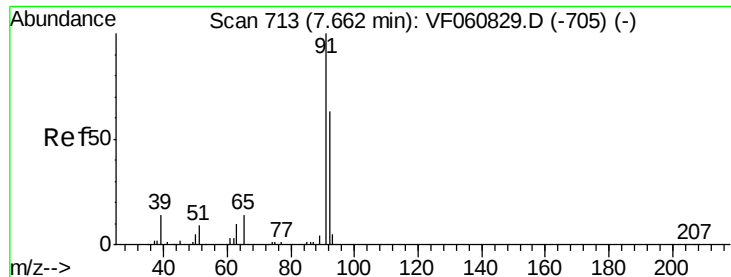
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#50
 Toluene-d8
 Concen: 38.013 ug/l
 RT: 7.55 min Scan# 702
 Delta R.T. -0.04 min
 Lab File: VF061033.D
 Acq: 14 Dec 2018 21:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.6	59.3	88.9





#52

Toluene

Concen: 7.727 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.04 min

Lab File: VF061033.D

Acq: 14 Dec 2018 21:29

Instrument :

MSVOA_F

ClientSampleId :

TP-8-BRE

Tgt Ion: 92 Resp: 57651

Ion Ratio Lower Upper

92 100

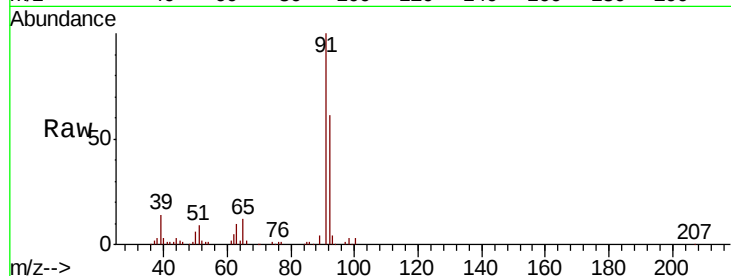
91 163.7 126.2 189.2

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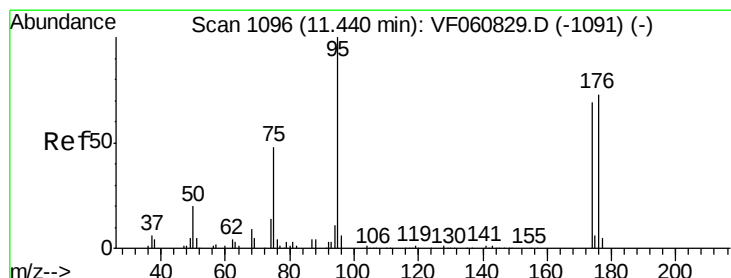
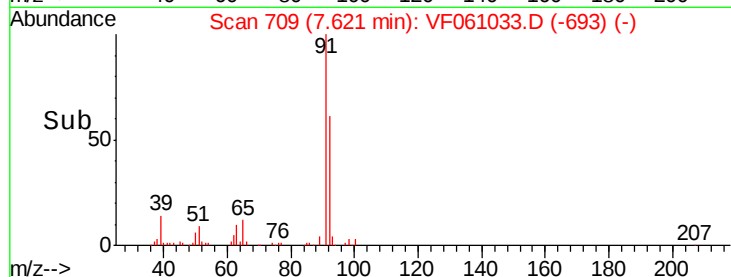
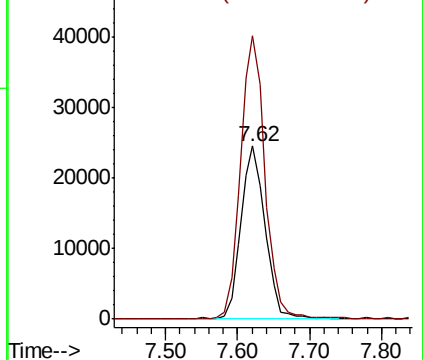
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Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 39.017 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF061033.D

Acq: 14 Dec 2018 21:29

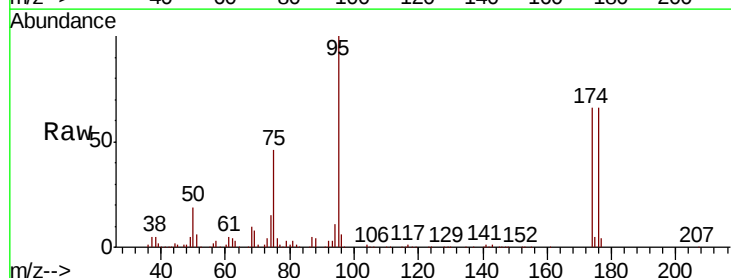
Tgt Ion: 95 Resp: 179633

Ion Ratio Lower Upper

95 100

174 66.5 0.0 138.2

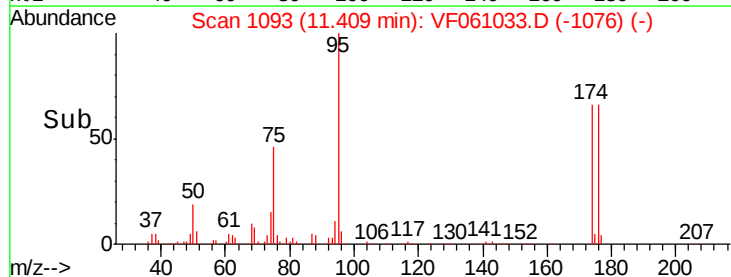
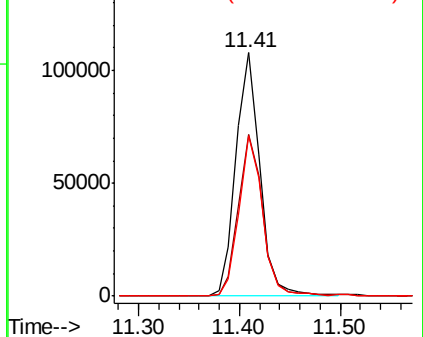
176 66.1 0.0 146.2

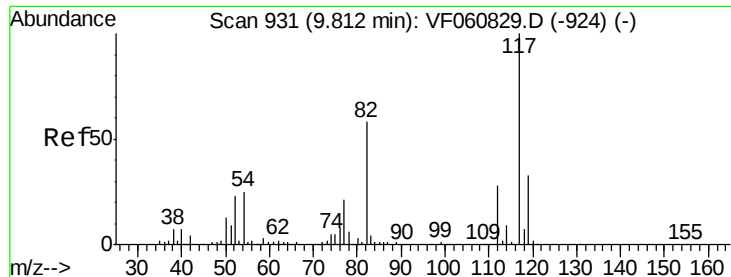


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





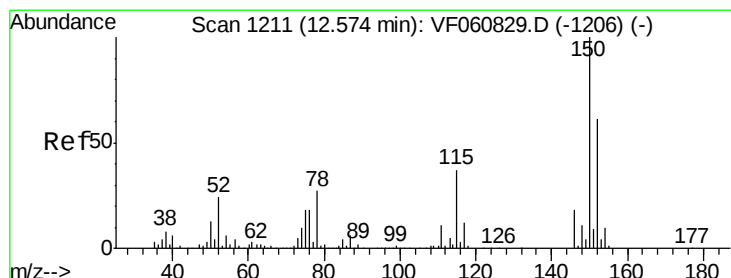
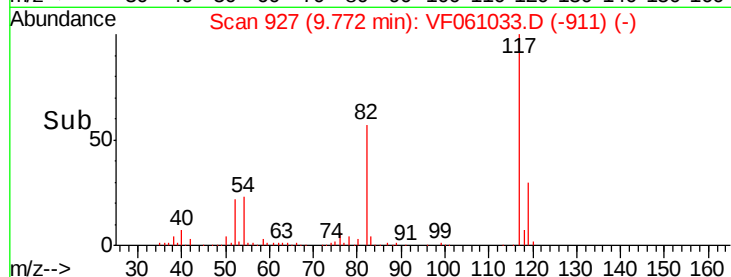
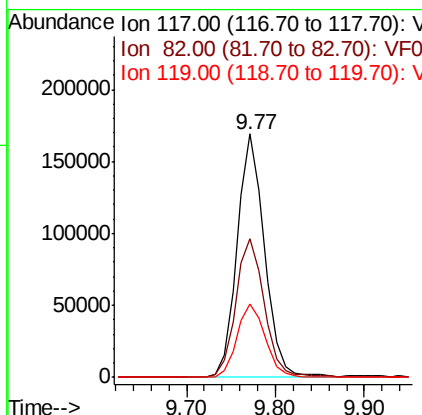
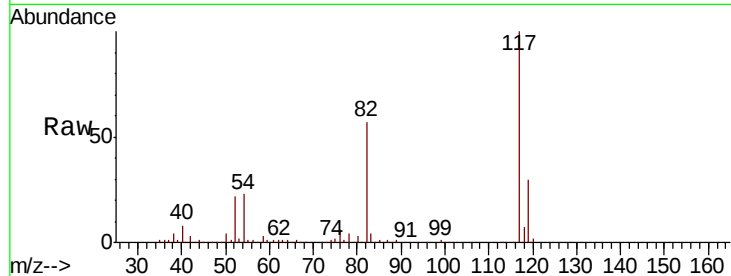
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061033.D
Acq: 14 Dec 2018 21:29

Instrument :
MSVOA_F
ClientSampleId :
TP-8-BRE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	362177		
82	56.8	46.6	69.8	
119	30.3	26.4	39.6	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF061033.D
Acq: 14 Dec 2018 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	171551		
115	61.3	30.1	90.5	
150	155.7	0.0	327.6	

