

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061197.D
 Acq On : 26 Dec 2018 19:28
 Operator : VA/AP
 Sample : J6446-08RE
 Misc : 2.85µ/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS021-0006-01RE

Manual Integrations
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Quant Time: Dec 27 08:12:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	105306	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	185214	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	108732	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	25365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	82829	61.15	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	122.30%	
35) Dibromofluoromethane	4.10	113	87340	58.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	117.74%	
50) Toluene-d8	7.54	98	169772	40.38	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	80.76%	
62) 4-Bromofluorobenzene	11.40	95	44377	22.89	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	45.78%	
Target Compounds						
16) Acetone	2.23	43	10702	39.525	ug/l	Qvalue 100
20) Methylene Chloride	2.24	84	17079m	16.752	ug/l	
52) Toluene	7.60	92	4836	1.520	ug/l #	60
86) p-Isopropyltoluene	12.44	119	129661	64.629	ug/l	99

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

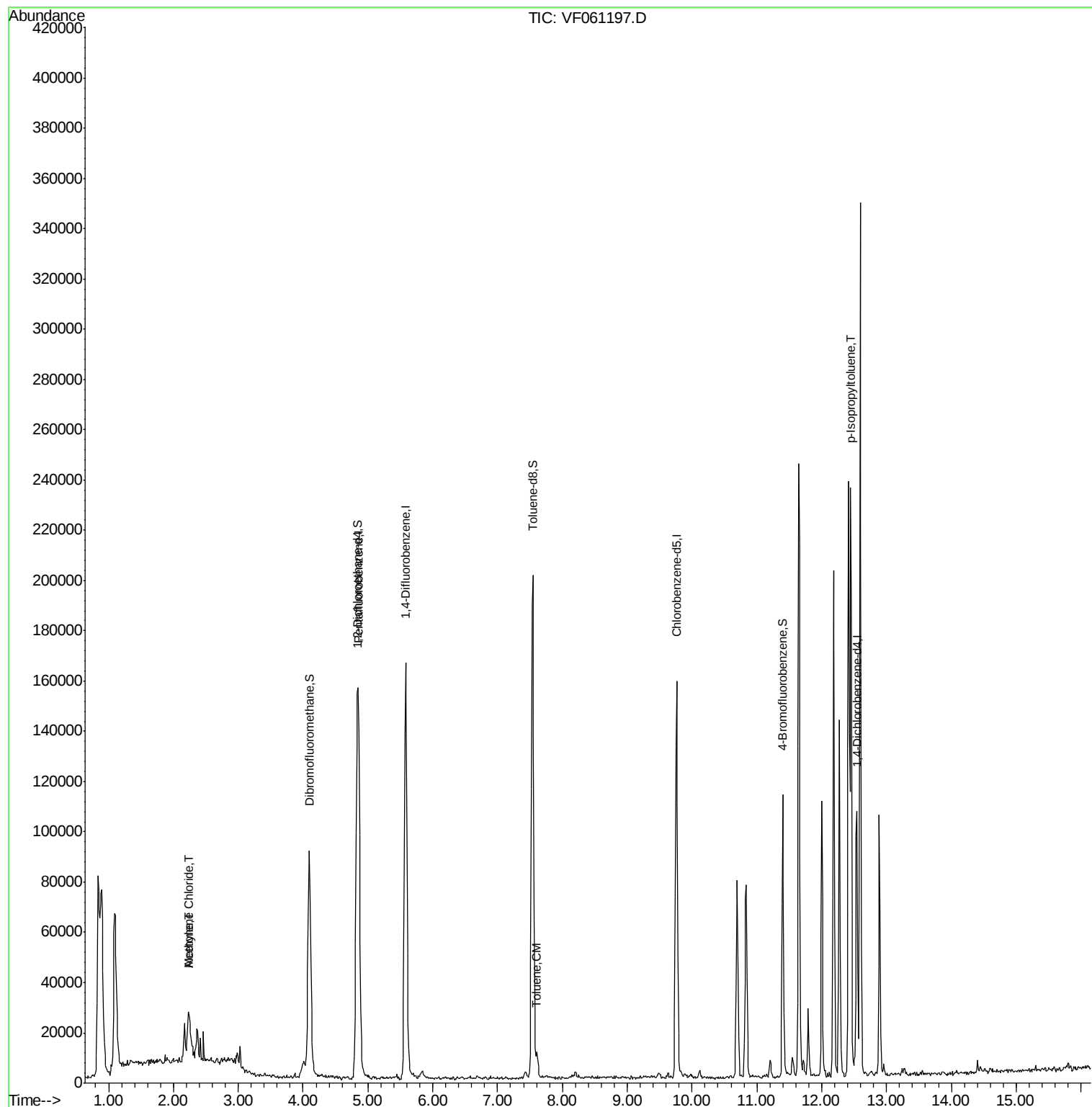
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122618\
Data File : VF061197.D
Acq On : 26 Dec 2018 19:28
Operator : VA/AP
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Quant Time: Dec 27 08:12:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061197.D

Acq: 26 Dec 2018 19:28

Instrument :

MSVOA_F

ClientSampleId :

P001-SS021-0006-01RE

Tot Ion:168 Resp: 105306

Ion Ratio Lower Upper

168 100

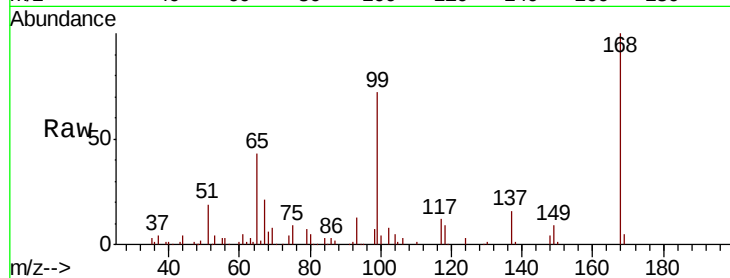
99 71.9 54.4 81.6

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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

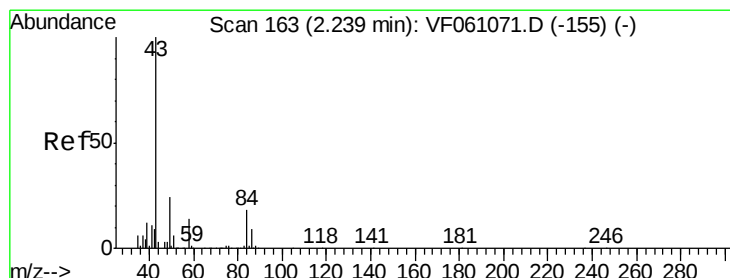
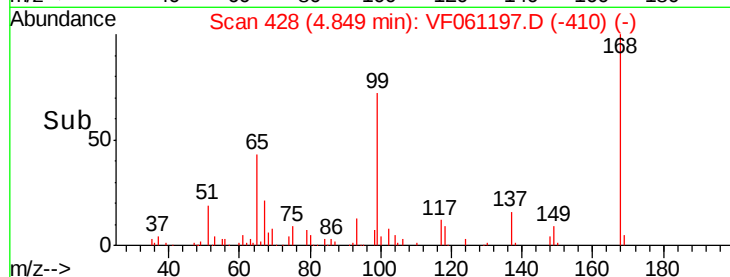
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 39.525 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061197.D

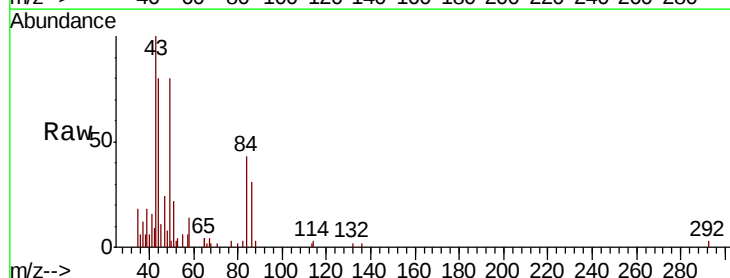
Acq: 26 Dec 2018 19:28

Tgt Ion: 43 Resp: 10702

Ion Ratio Lower Upper

43 100

58 14.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

5000

4000

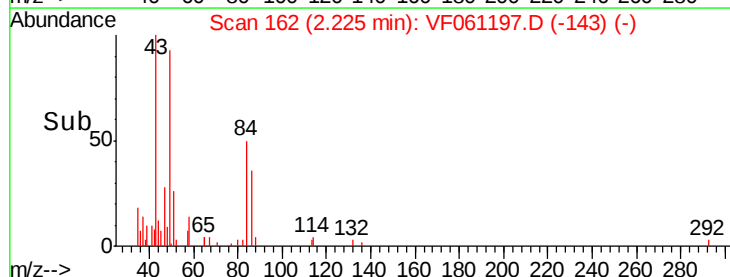
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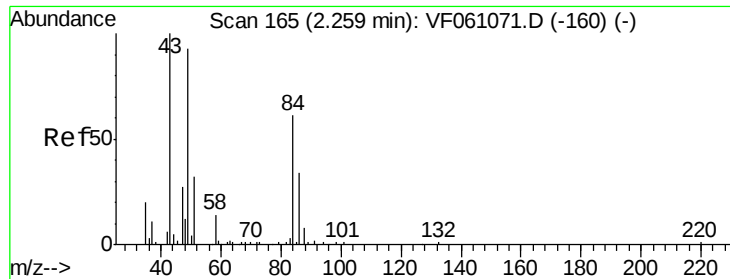
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1000

0

Time-->





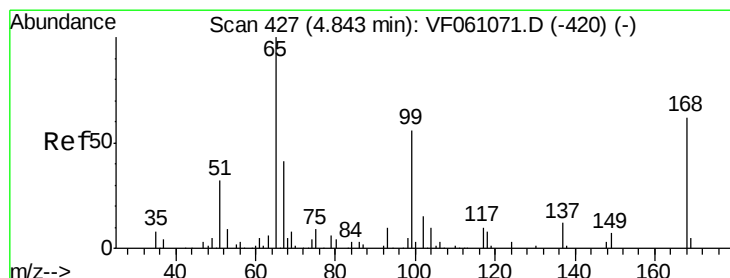
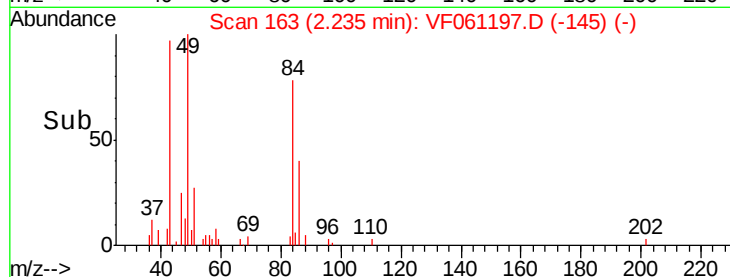
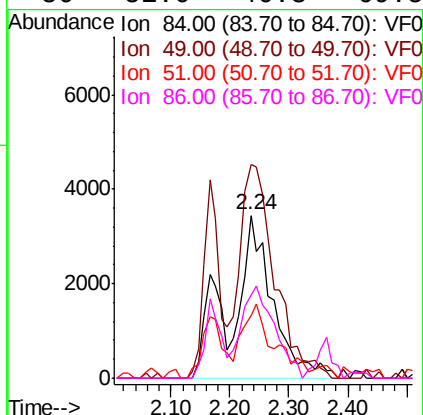
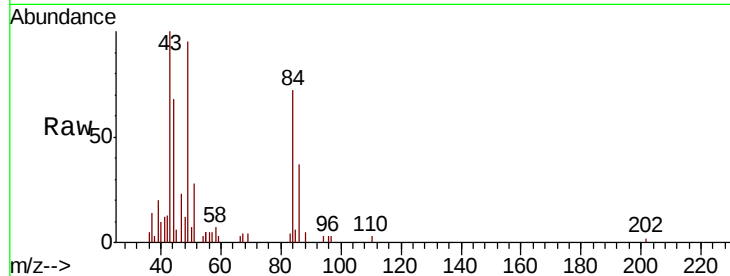
#20
Methvlene Chloride
Concen: 16.752 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061197.D
Acq: 26 Dec 2018 19:28

Instrument :
MSVOA_F
ClientSampleId :
P001-SS021-0006-01RE

Tot Ion: 84 Resp: 17079
Ion Ratio Lower Upper
84 100
49 131.4 129.4 194.2
51 38.3 44.0 66.0#
86 51.0 46.3 69.5

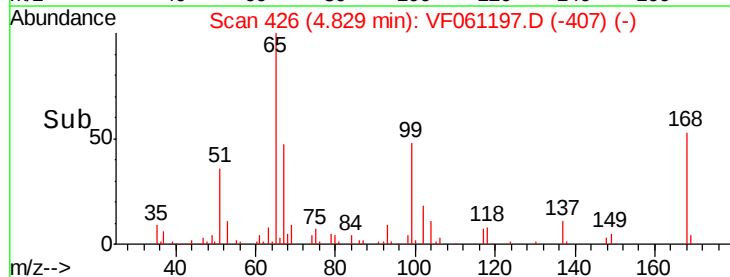
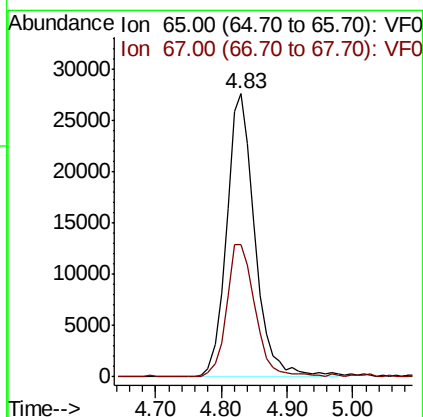
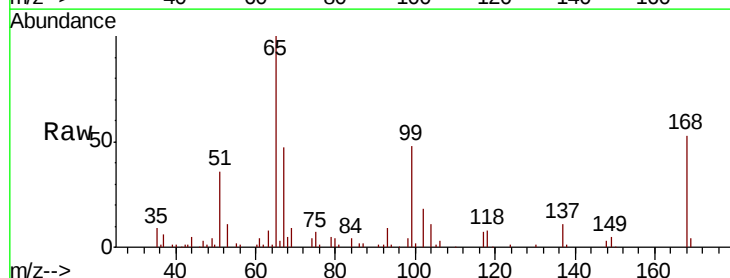
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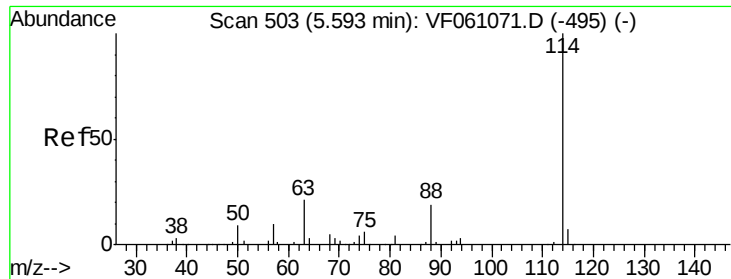
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#33
1,2-Dichloroethane-d4
Concen: 61.155 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.01 min
Lab File: VF061197.D
Acq: 26 Dec 2018 19:28

Tgt Ion: 65 Resp: 82829
Ion Ratio Lower Upper
65 100
67 46.9 0.0 94.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061197.D

Acq: 26 Dec 2018 19:28

Instrument :

MSVOA_F

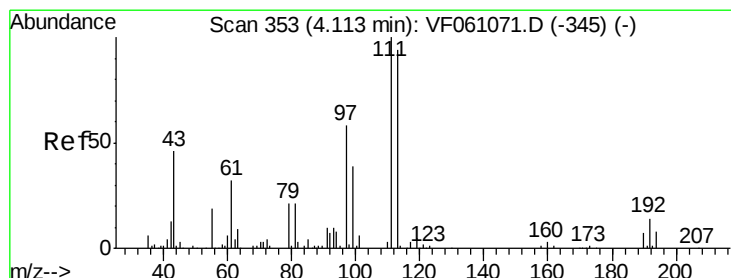
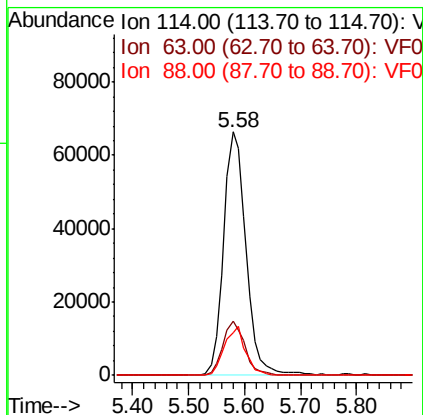
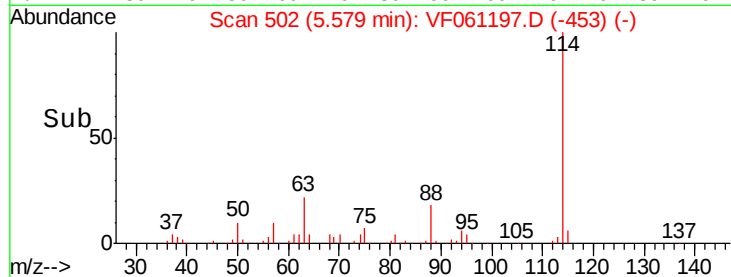
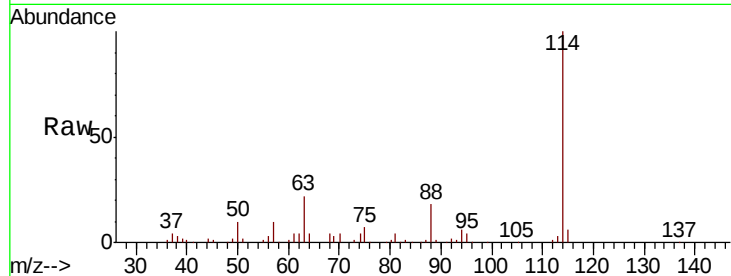
ClientSampleId :

P001-SS021-0006-01RE

Tot Ion:	114	Resp:	185214
Ion Ratio	Lower	Upper	
114	100		
63	22.3	0.0	41.6
88	17.8	0.0	38.0

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#35

Dibromofluoromethane

Concen: 58.868 ug/l

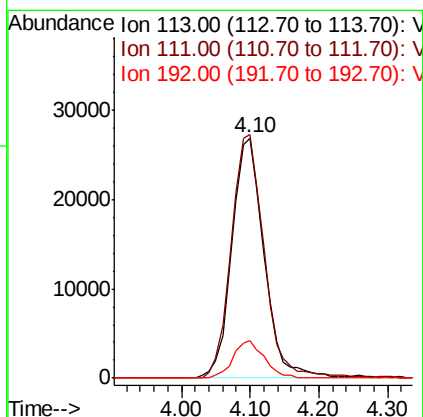
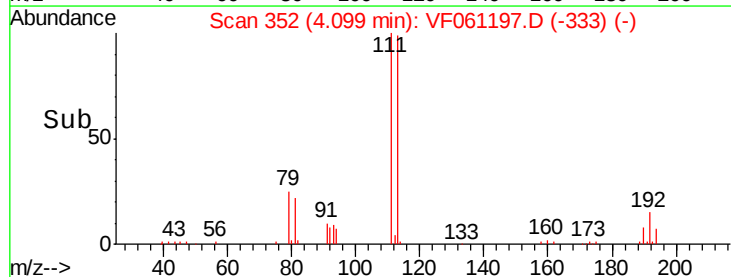
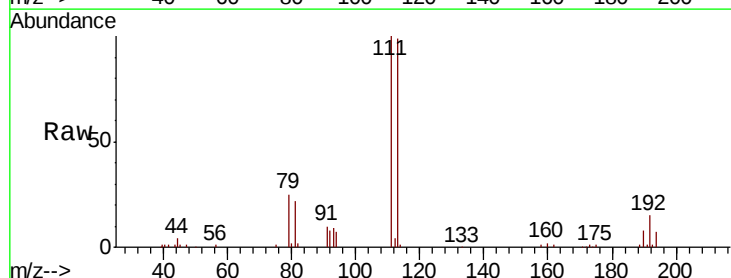
RT: 4.10 min Scan# 352

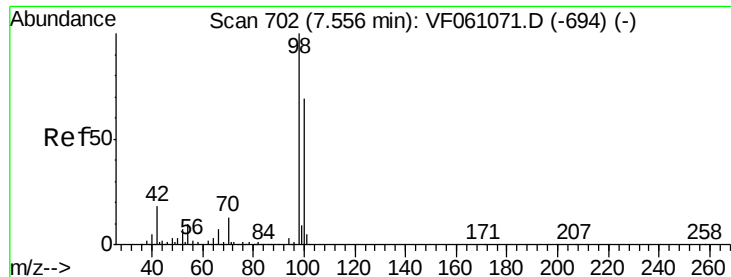
Delta R.T. -0.01 min

Lab File: VF061197.D

Acq: 26 Dec 2018 19:28

Tgt Ion:	113	Resp:	87340
Ion Ratio	Lower	Upper	
113	100		
111	101.5	85.2	127.8
192	15.9	12.8	19.2





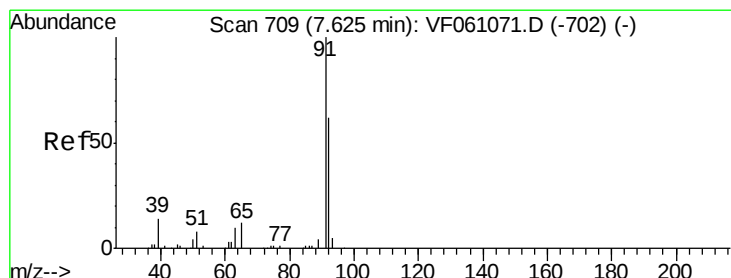
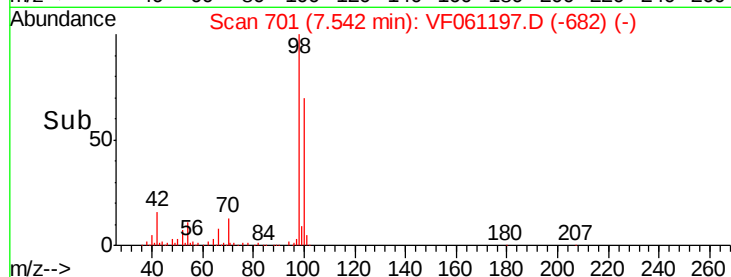
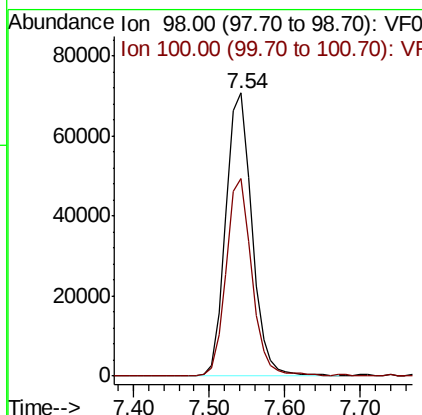
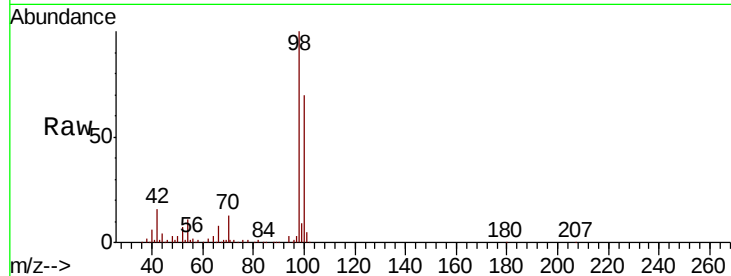
#50
Toluene-d8
Concen: 40.378 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF061197.D
Acq: 26 Dec 2018 19:28

Instrument :
MSVOA_F
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P001-SS021-0006-01RE

Tot Ion	98	Resp	169772
Ion Ratio	100	Lower	Upper
98	100	55.3	82.9
100	69.8		

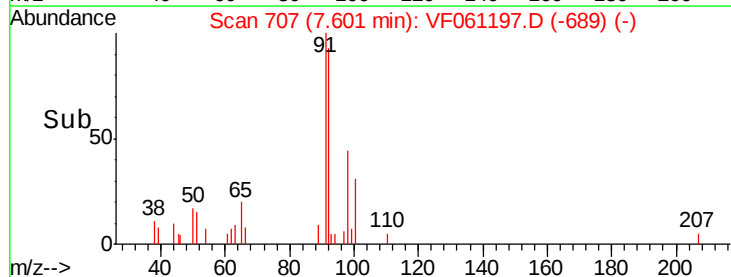
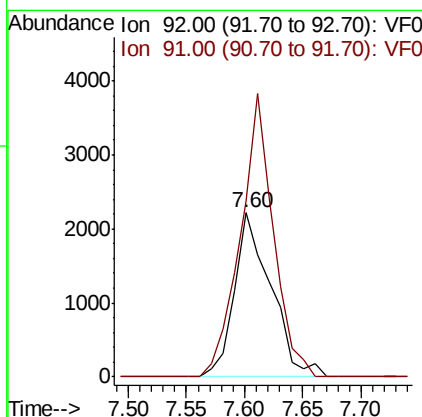
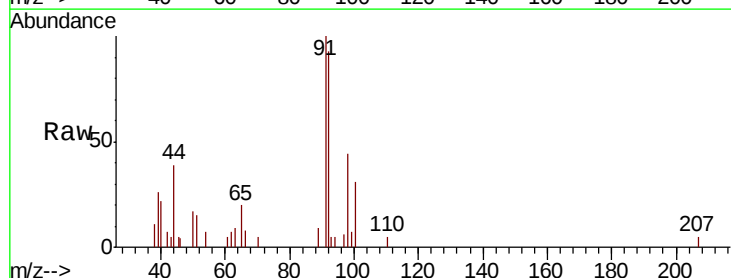
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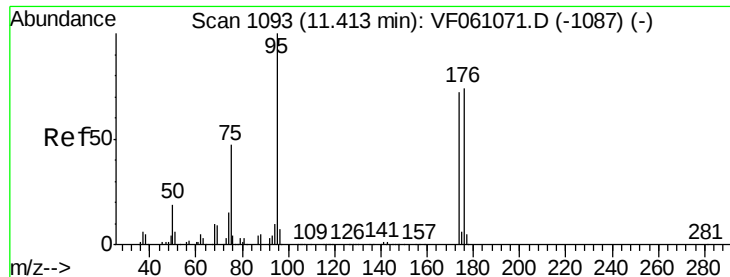
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#52
Toluene
Concen: 1.520 ug/l
RT: 7.60 min Scan# 707
Delta R.T. -0.02 min
Lab File: VF061197.D
Acq: 26 Dec 2018 19:28

Tgt Ion	92	Resp	4836
Ion Ratio	100	Lower	Upper
92	100	128.8	193.2
91	107.6		





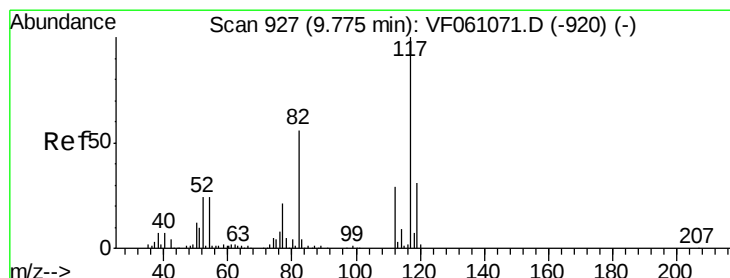
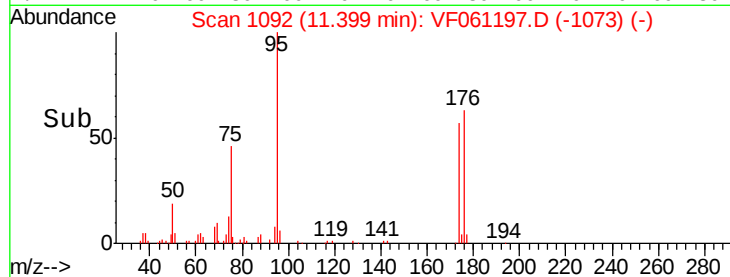
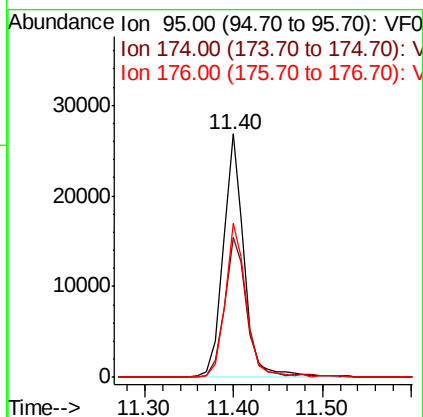
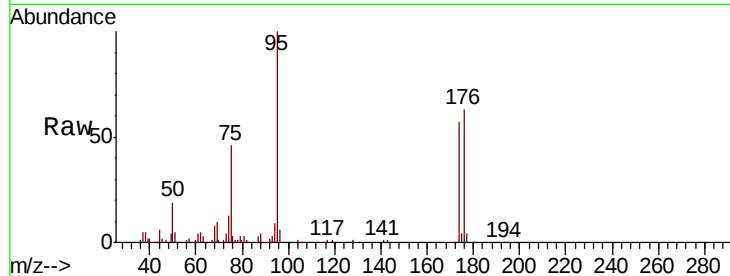
#62
4-Bromofluorobenzene
Concen: 22.894 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061197.D
Acq: 26 Dec 2018 19:28

Instrument :
MSVOA_F
ClientSampleId :
P001-SS021-0006-01RE

Tot Ion	Ratio	Lower	Upper
95	100		
174	57.2	0.0	143.8
176	63.1	0.0	147.6

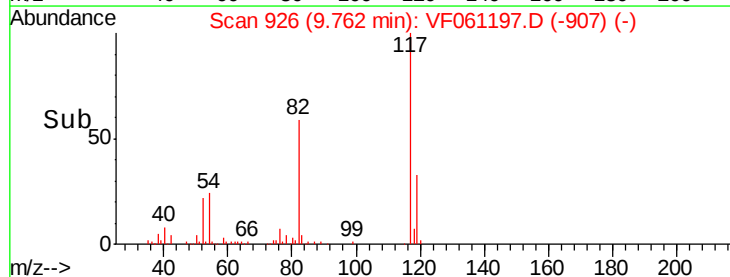
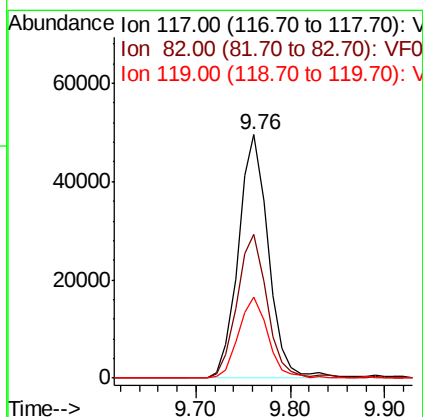
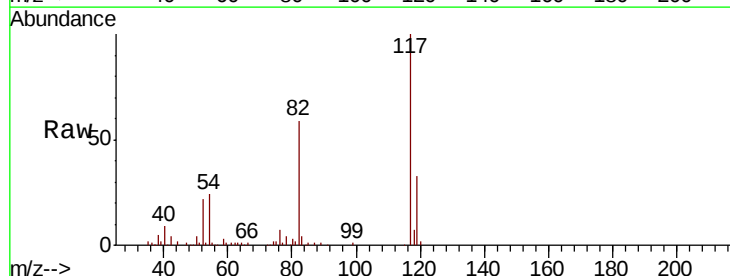
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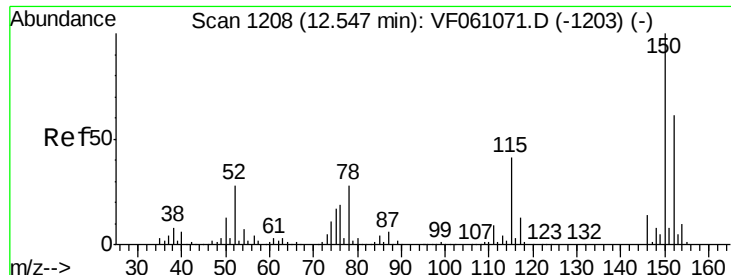
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061197.D
Acq: 26 Dec 2018 19:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.0	67.4
119	33.3	24.8	37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VF061197.D

Acq: 26 Dec 2018 19:28

Instrument :

MSVOA_F

ClientSampleId :

P001-SS021-0006-01RE

Tot Ion:152 Resp: 25365

Ion Ratio Lower Upper

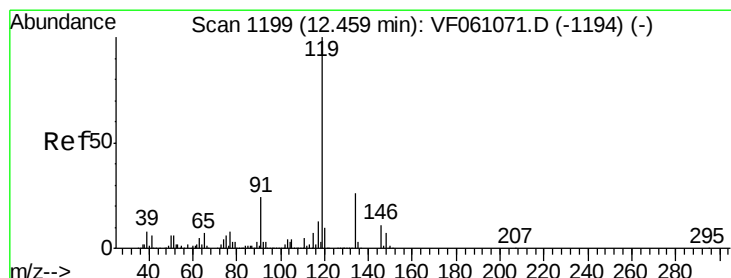
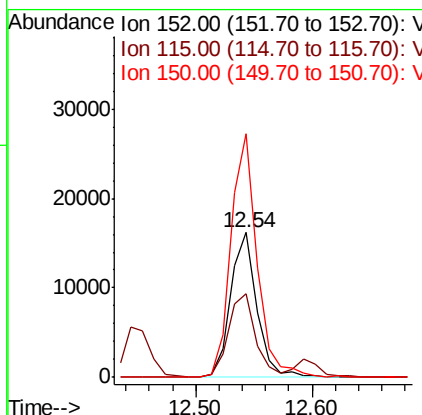
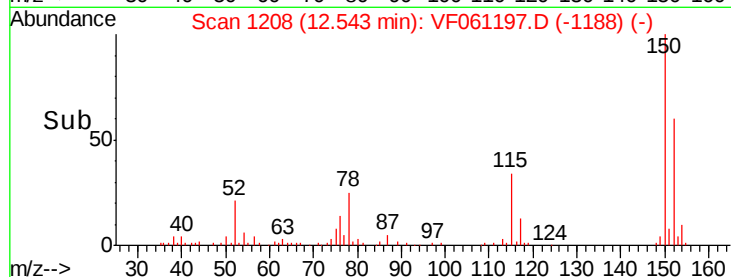
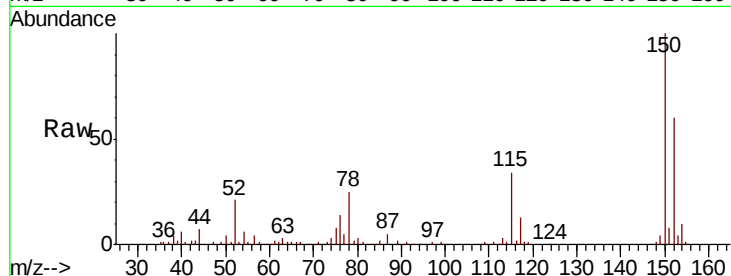
152 100

115 57.8 33.3 99.9

150 167.9 0.0 328.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 64.629 ug/l

RT: 12.44 min Scan# 1198

Delta R.T. -0.01 min

Lab File: VF061197.D

Acq: 26 Dec 2018 19:28

Tgt Ion:119 Resp: 129661

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

91 25.0 12.2 36.6

