

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
 Data File : VF061166.D
 Acq On : 24 Dec 2018 15:41
 Operator : VA/AP
 Sample : J6511-05RE
 Misc : 3.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-61(0-5)-GRABRE

Manual Integrations
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Quant Time: Dec 25 05:46:13 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	4.88	168	68277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	128134	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	46141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	4955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	61479	70.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.02%	
35) Dibromofluoromethane	4.12	113	70506	68.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.38%	
50) Toluene-d8	7.56	98	99189	34.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.20%	
62) 4-Bromofluorobenzene	11.42	95	10016	7.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	14.94%	
Target Compounds						
16) Acetone	2.24	43	6481m	36.917	ug/l	Qvalue

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

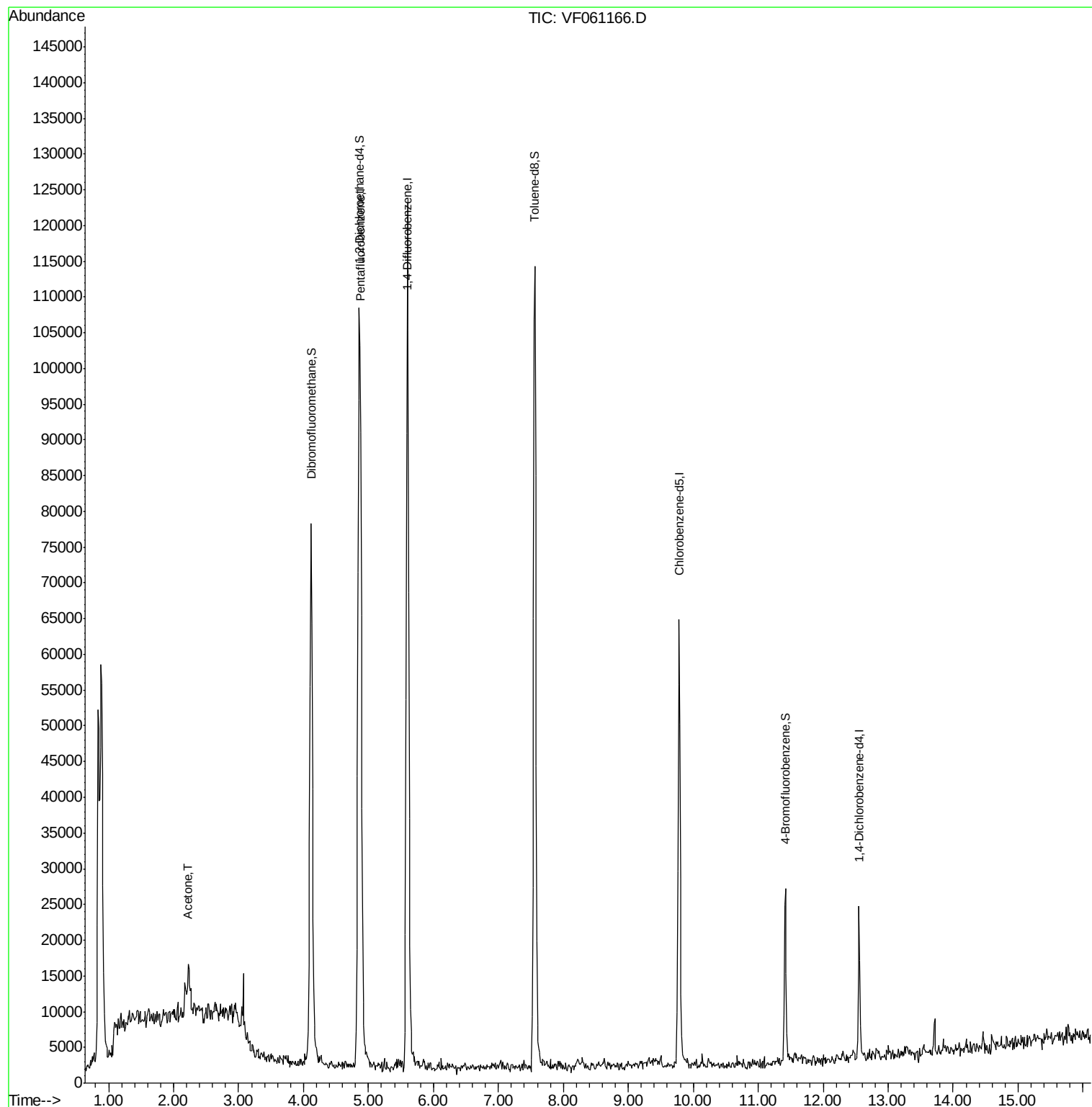
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122418\
Data File : VF061166.D
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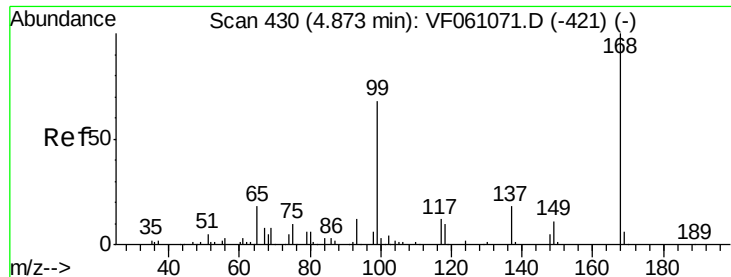
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF061166.D

Acq: 24 Dec 2018 15:41

Instrument :

MSVOA_F

ClientSampleId :

SB-61(0-5)-GRABRE

Tot Ion:168 Resp: 68277

Ion Ratio Lower Upper

168 100

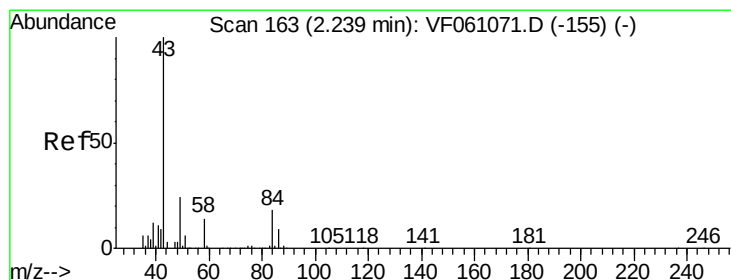
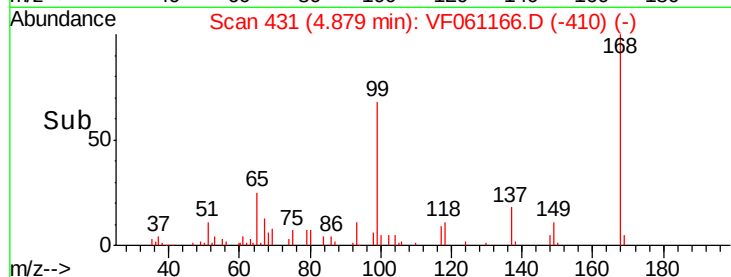
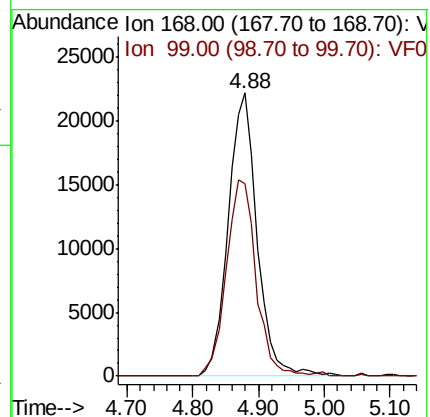
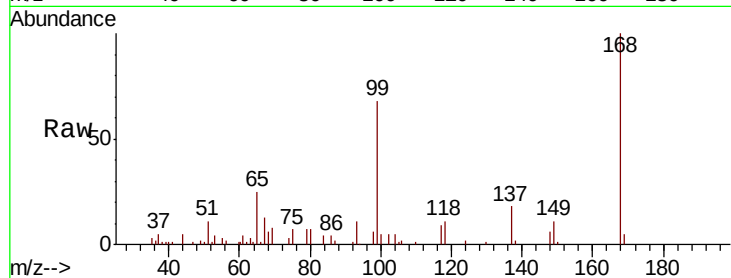
99 67.9 54.4 81.6

Manual Integrations

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#16

Acetone

Concen: 36.917 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF061166.D

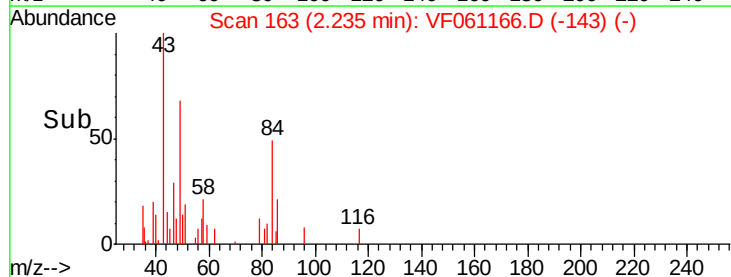
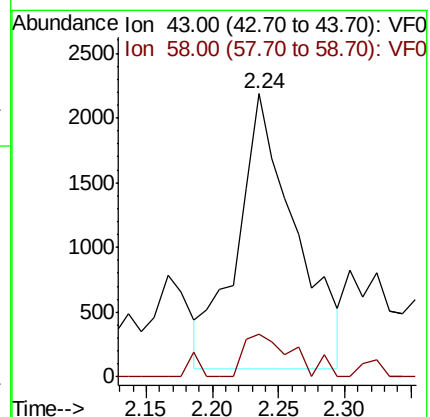
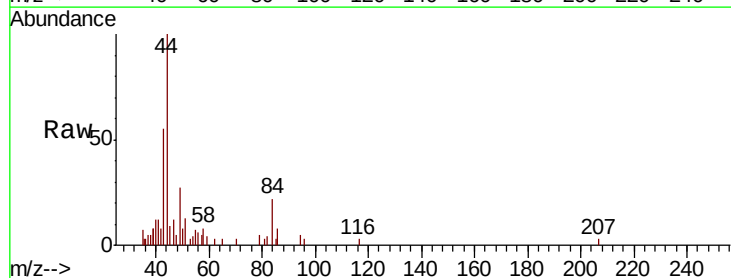
Acq: 24 Dec 2018 15:41

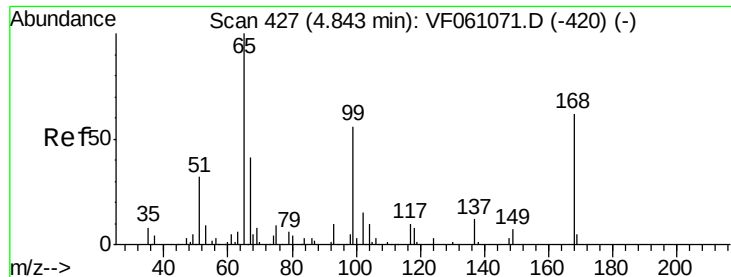
Tgt Ion: 43 Resp: 6481

Ion Ratio Lower Upper

43 100

58 14.9 11.1 16.7





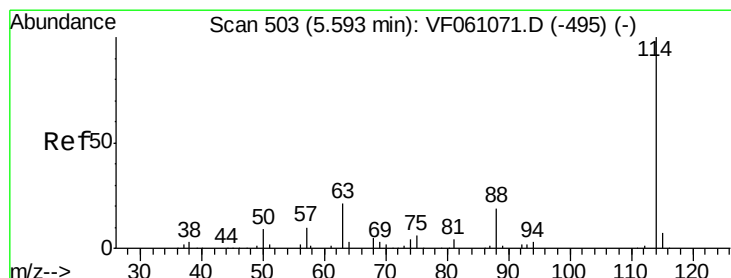
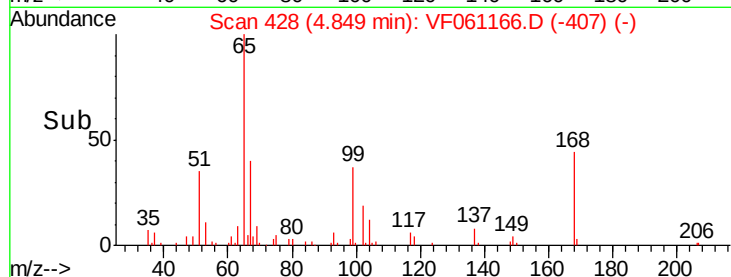
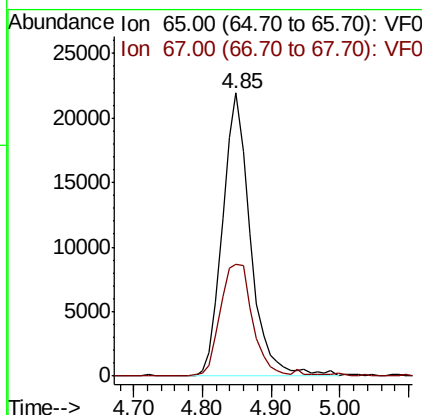
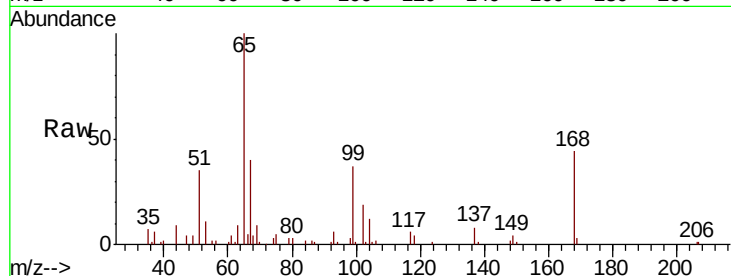
#33
 1,2-Dichloroethane-d4
 Concen: 70.009 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: VF061166.D
 Acq: 24 Dec 2018 15:41

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-61(0-5)-GRABRE

Tot Ion: 65 Resp: 61479
 Ion Ratio Lower Upper
 65 100
 67 39.7 0.0 94.6

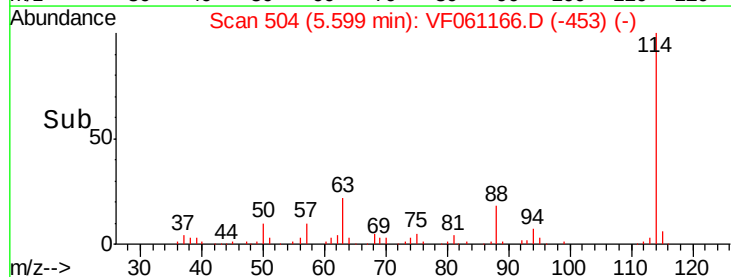
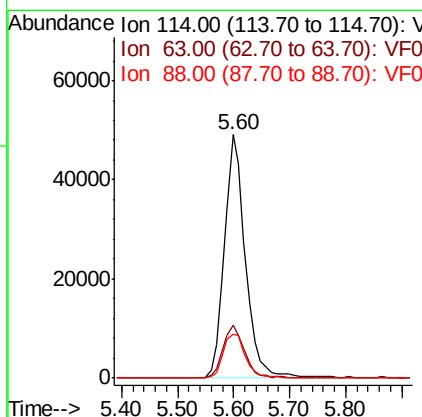
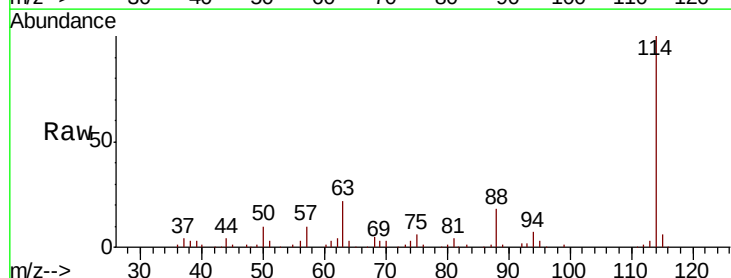
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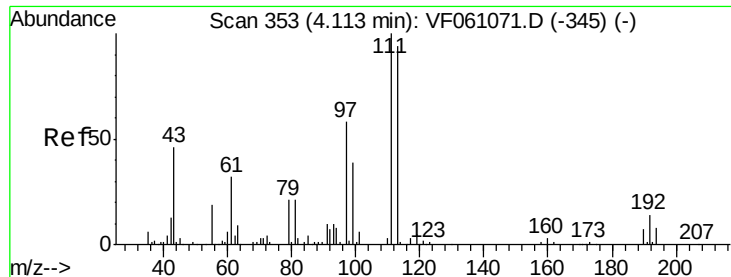
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF061166.D
 Acq: 24 Dec 2018 15:41

Tgt Ion: 114 Resp: 128134
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.6
 88 18.1 0.0 38.0





#35

Dibromofluoromethane

Concen: 68.691 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF061166.D

Acq: 24 Dec 2018 15:41

Instrument :

MSVOA_F

ClientSampleId :

SB-61(0-5)-GRABRE

Tot Ion: 113 Resp: 70506

Ion Ratio Lower Upper

113 100

111 108.8 85.2 127.8

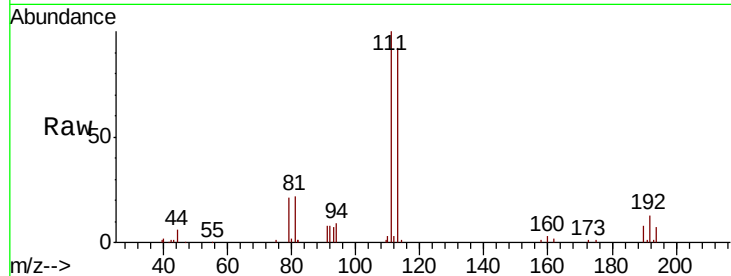
192 14.6 12.8 19.2

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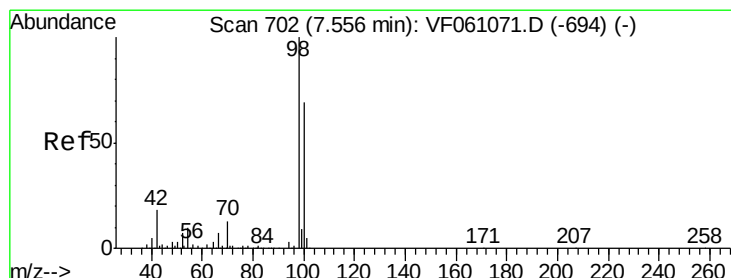
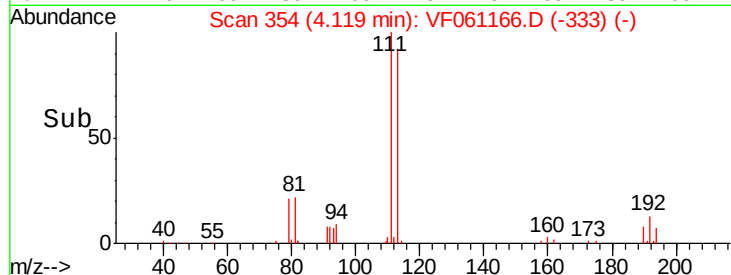
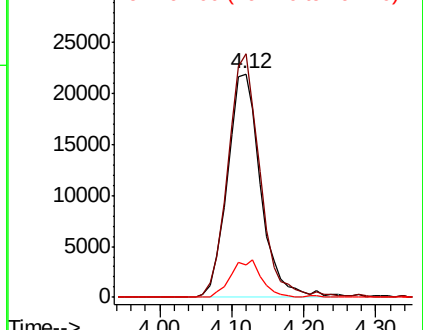
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Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 34.100 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.01 min

Lab File: VF061166.D

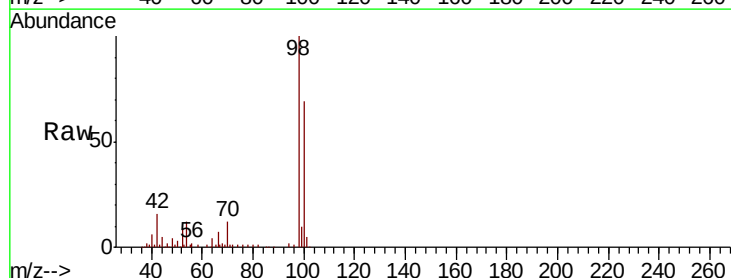
Acq: 24 Dec 2018 15:41

Tgt Ion: 98 Resp: 99189

Ion Ratio Lower Upper

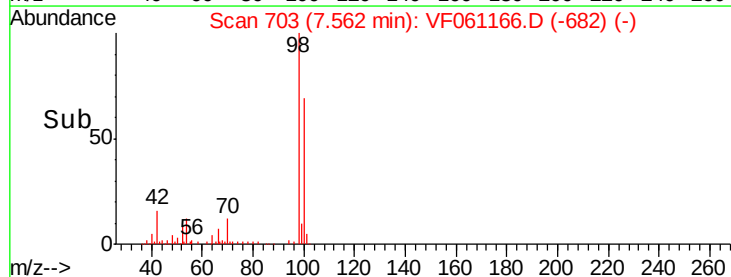
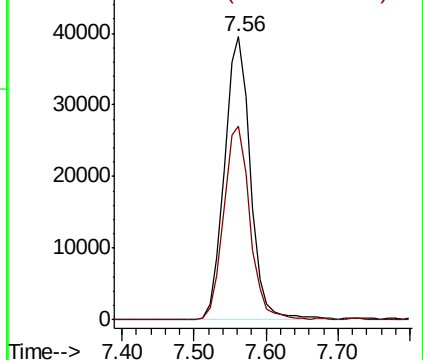
98 100

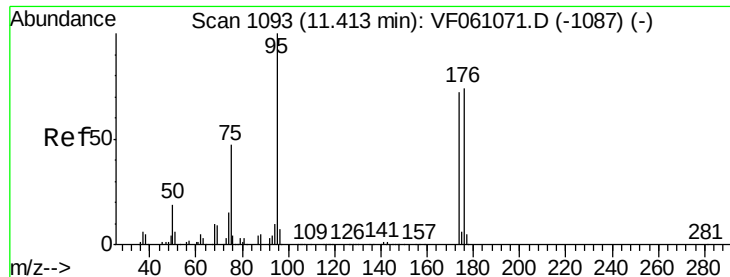
100 68.6 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 7.469 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF061166.D

Acq: 24 Dec 2018 15:41

Instrument :

MSVOA_F

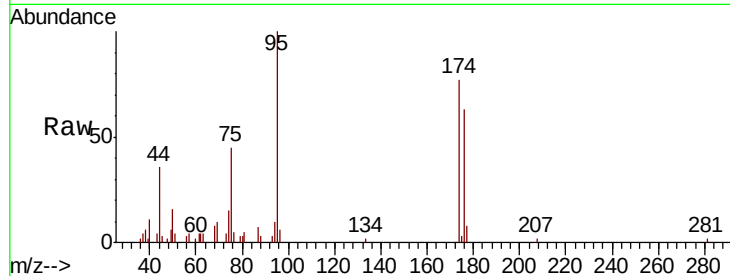
ClientSampleId :

SB-61(0-5)-GRABRE

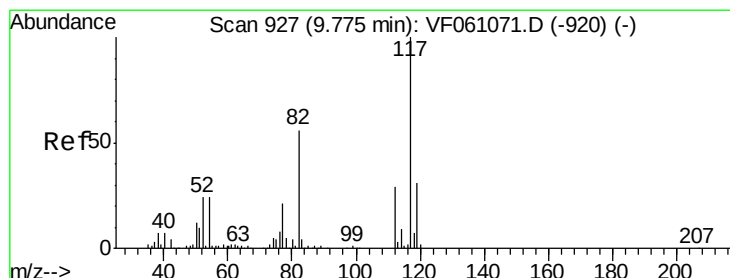
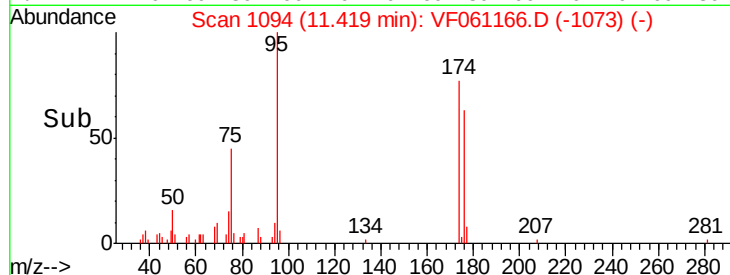
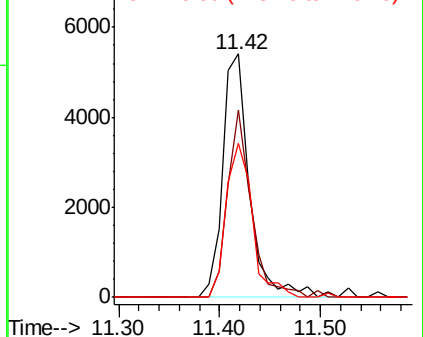
Tot Ion:	95	Resp:	10016
Ion Ratio	Lower	Upper	
95	100		
174	76.8	0.0	143.8
176	63.0	0.0	147.6

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Abundance Ion 95.00 (94.70 to 95.70): VF061071.D (-1087) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

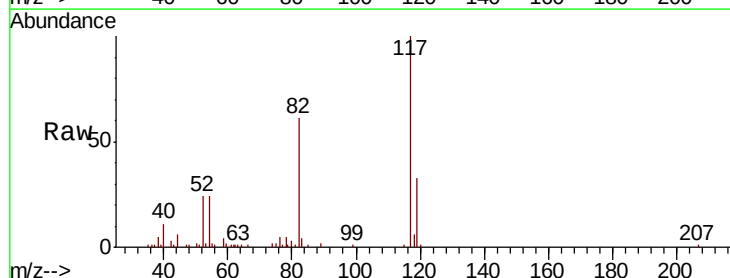
RT: 9.78 min Scan# 928

Delta R.T. 0.01 min

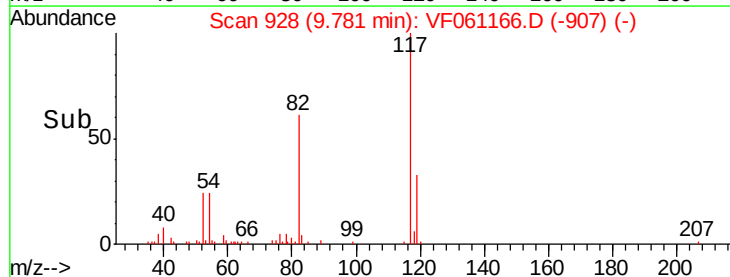
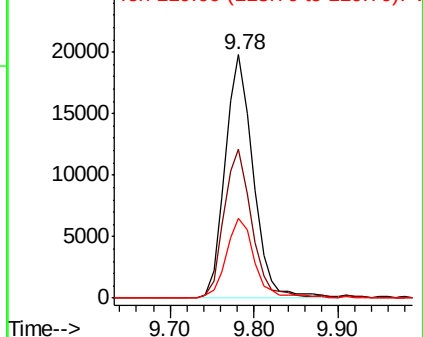
Lab File: VF061166.D

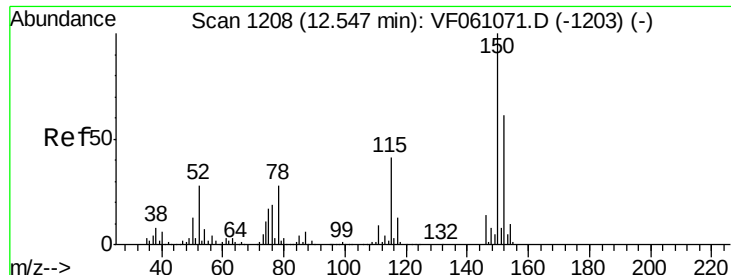
Acq: 24 Dec 2018 15:41

Tgt Ion:	117	Resp:	46141
Ion Ratio	Lower	Upper	
117	100		
82	61.1	45.0	67.4
119	32.6	24.8	37.2



Abundance Ion 117.00 (116.70 to 117.70): VF061071.D (-920) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF061166.D

Acq: 24 Dec 2018 15:41

Instrument :

MSVOA_F

ClientSampleId :

SB-61(0-5)-GRABRE

Tot Ion:152 Resp: 4955

Ion Ratio Lower Upper

152 100

115 62.6 33.3 99.9

150 152.5 0.0 328.2

Manual Integrations

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