

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
 Data File : VF061158.D
 Acq On : 24 Dec 2018 11:43
 Operator : VA/AP
 Sample : VF1224SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1224SBL01

Manual Integrations
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Quant Time: Dec 25 05:04:10 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	4.87	168	207621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	357832	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	314106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	176803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	119857	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
35) Dibromofluoromethane	4.12	113	158343	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
50) Toluene-d8	7.55	98	399032	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.41	95	178830	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
Target Compounds						
20) Methylene Chloride	2.25	84	27207m	12.588	ug/l	Qvalue

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

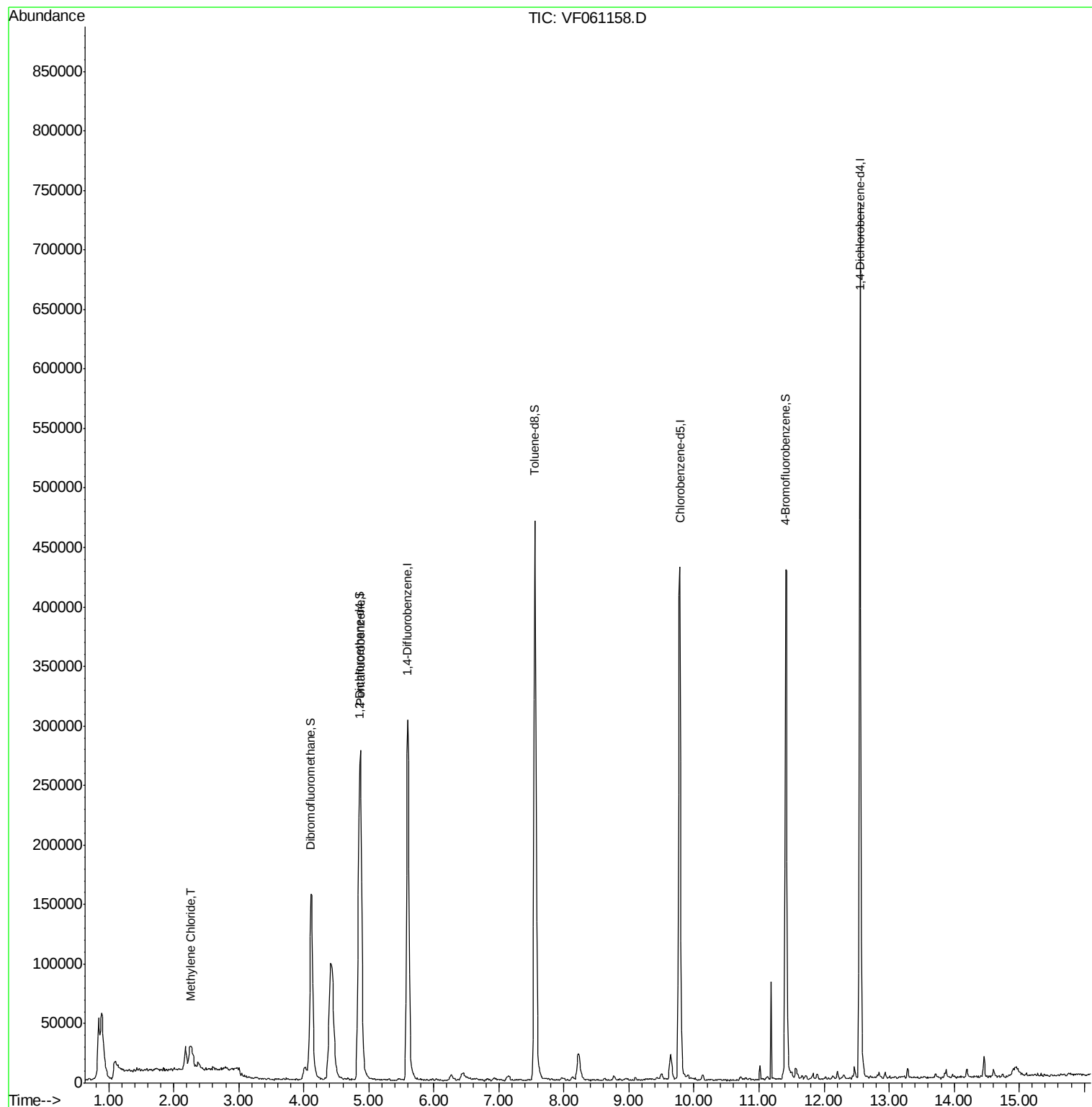
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122418\
Data File : VF061158.D
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Quant Time: Dec 25 05:04:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.00 min

Lab File: VF061158.D

Acq: 24 Dec 2018 11:43

Instrument :

MSVOA_F

ClientSampleId :

VF1224SBL01

Tot Ion: 168 Resp: 207621

Ion Ratio Lower Upper

168 100

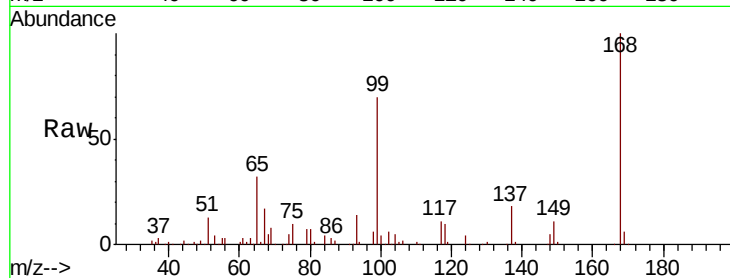
99 70.0 54.4 81.6

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

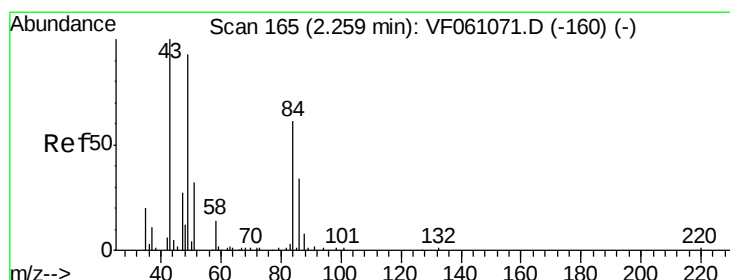
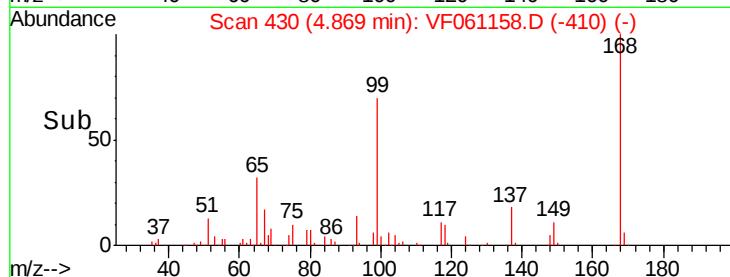
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#20

Methylene Chloride

Concen: 12.588 ug/l m

RT: 2.25 min Scan# 165

Delta R.T. -0.00 min

Lab File: VF061158.D

Acq: 24 Dec 2018 11:43

Tgt Ion: 84 Resp: 27207

Ion Ratio Lower Upper

84 100

49 144.4 129.4 194.2

51 61.7 44.0 66.0

86 67.7 46.3 69.5

Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

8000

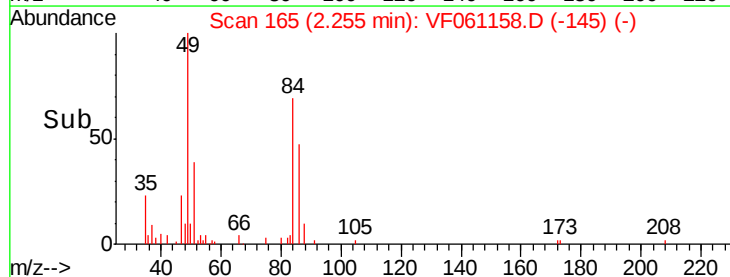
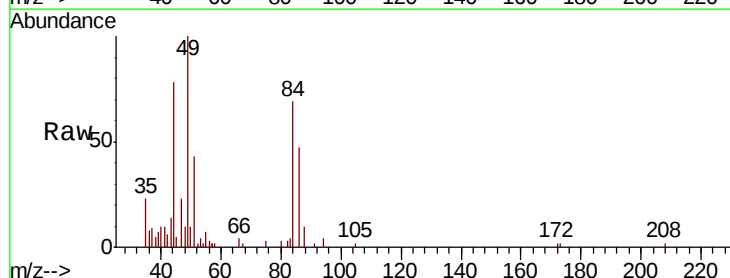
6000

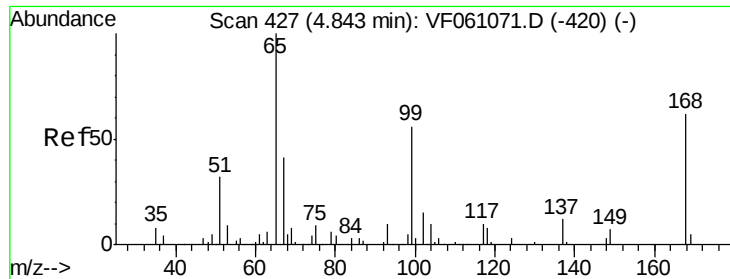
4000

2000

0

Time--> 2.00 2.20 2.40





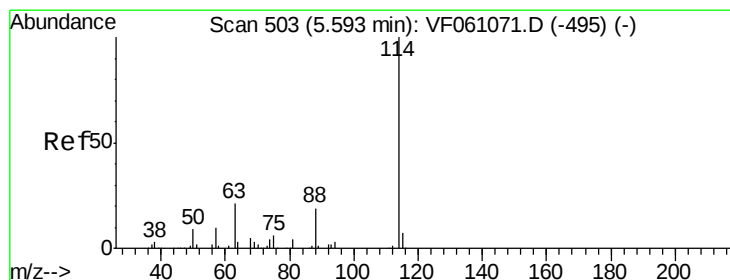
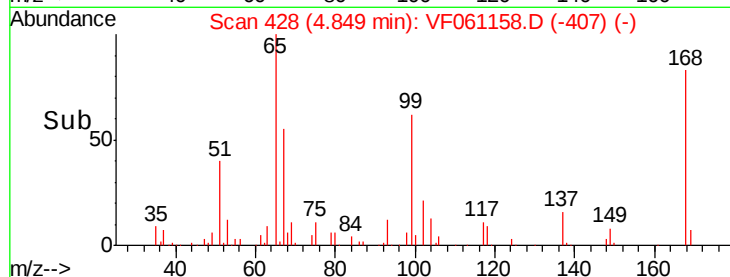
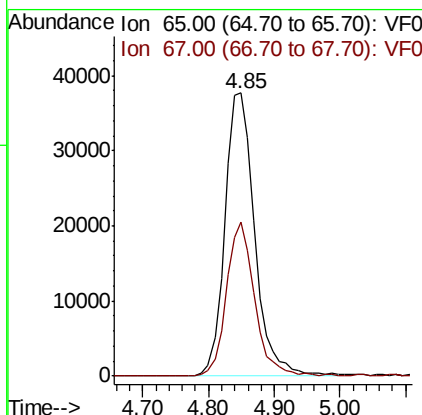
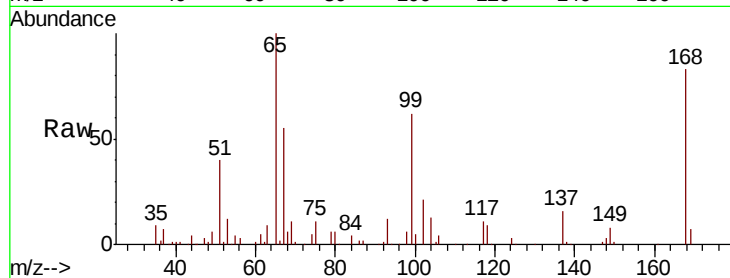
#33
 1,2-Dichloroethane-d4
 Concen: 44.884 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: VF061158.D
 Acq: 24 Dec 2018 11:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1224SBL01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119857		
67	54.7	0.0	94.6	

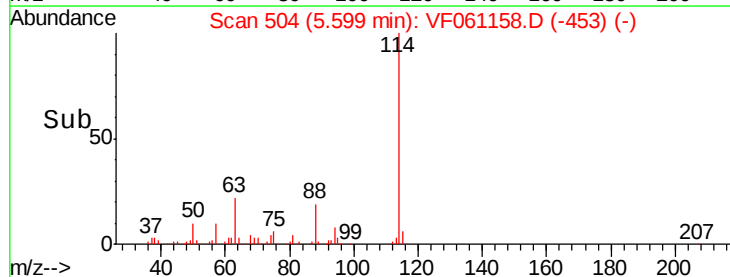
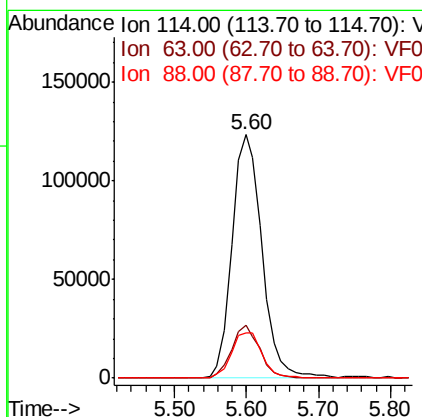
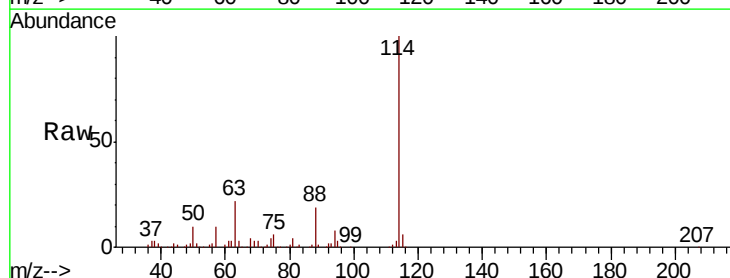
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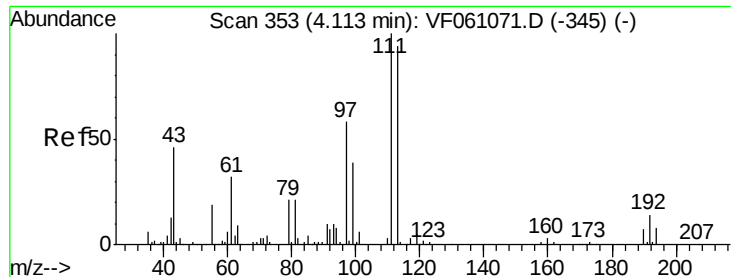
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF061158.D
 Acq: 24 Dec 2018 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	357832		
63	21.6	0.0	41.6	
88	18.6	0.0	38.0	





#35

Dibromofluoromethane

Concen: 55.240 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF061158.D

Acq: 24 Dec 2018 11:43

Instrument :

MSVOA_F

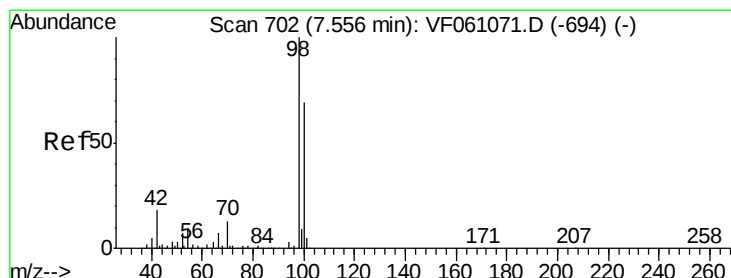
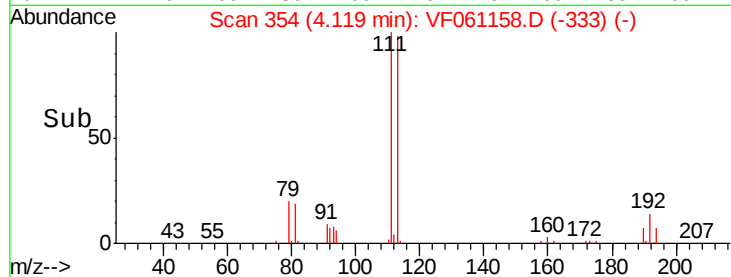
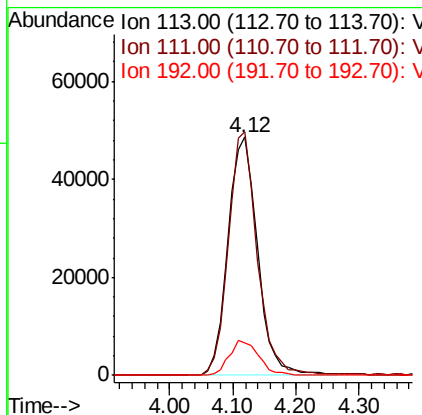
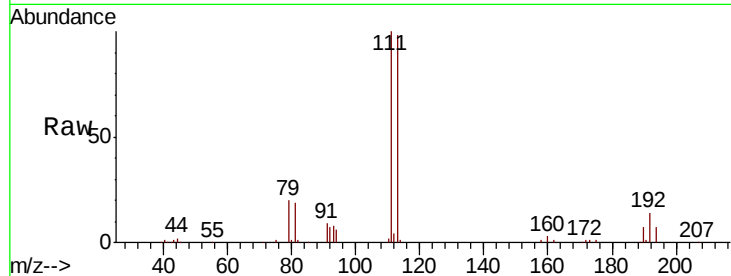
ClientSampleId :

VF1224SBL01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	85.2	127.8
192	13.8	12.8	19.2

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#50

Toluene-d8

Concen: 49.123 ug/l

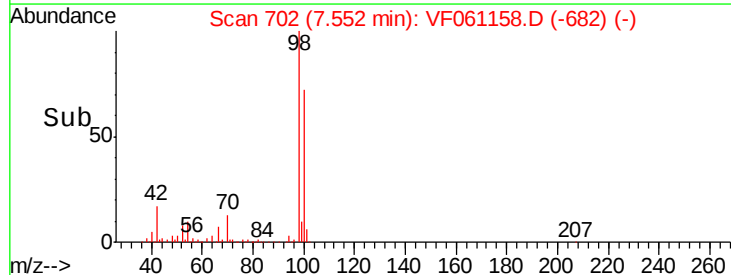
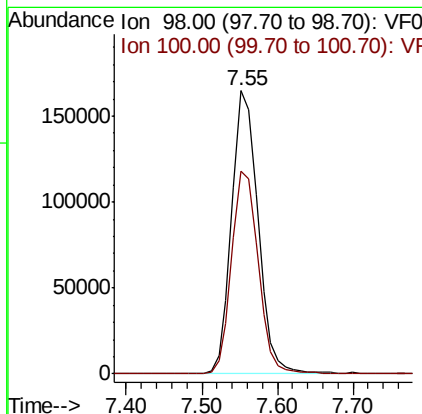
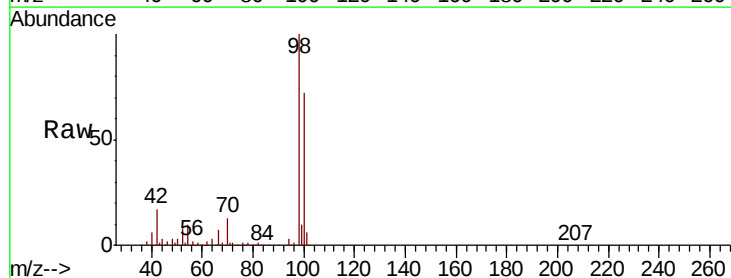
RT: 7.55 min Scan# 702

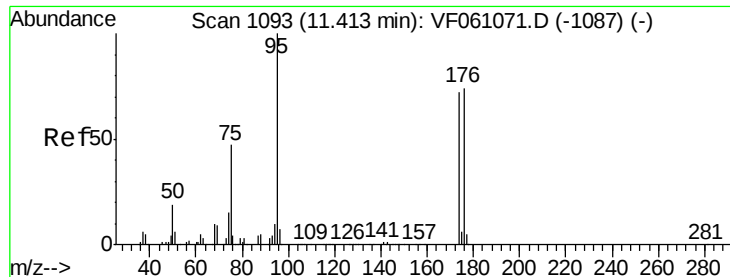
Delta R.T. -0.00 min

Lab File: VF061158.D

Acq: 24 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	71.8	55.3	82.9





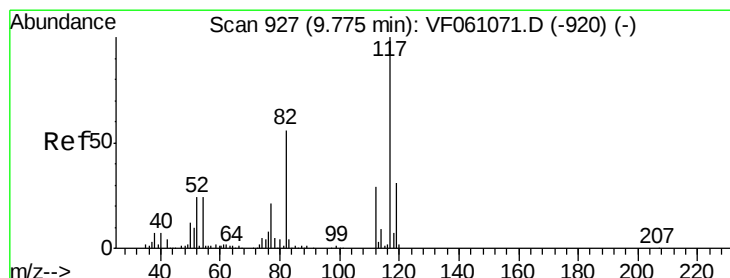
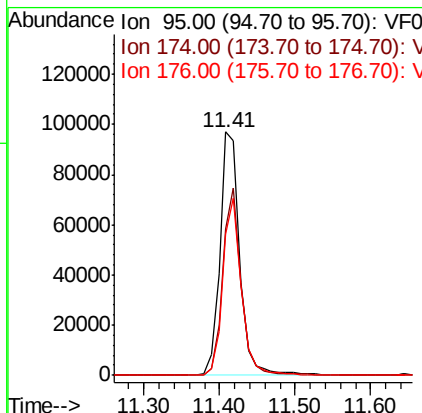
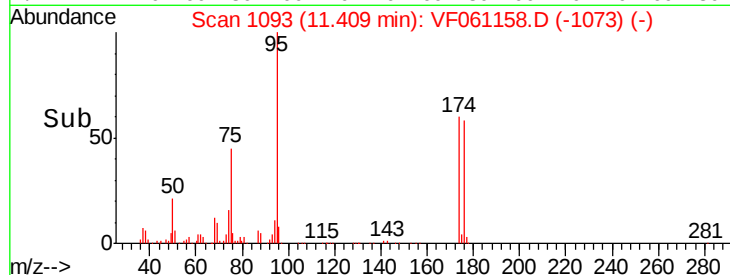
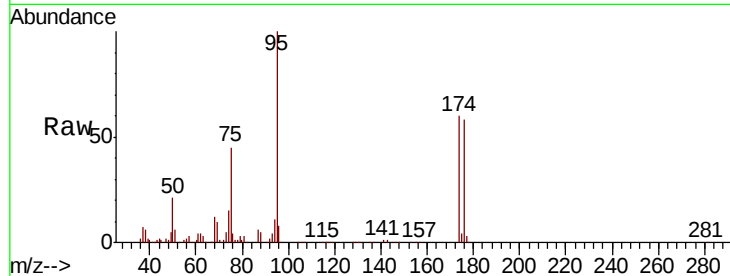
#62
4-Bromofluorobenzene
Concen: 47.753 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument :
MSVOA_F
ClientSampleId :
VF1224SBL01

Tot Ion	Ratio	Lower	Upper
95	100		
174	59.9	0.0	143.8
176	58.0	0.0	147.6

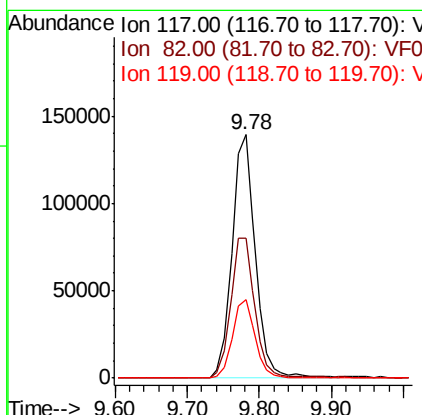
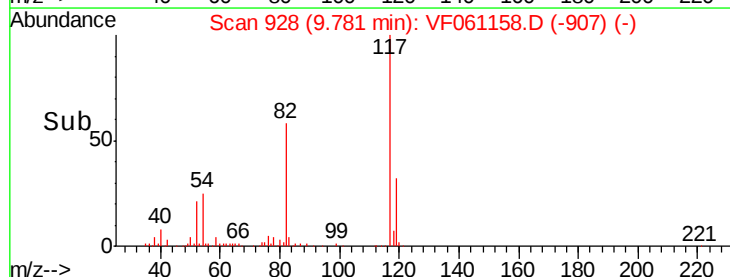
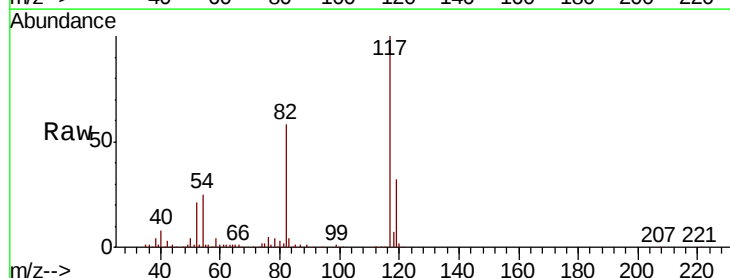
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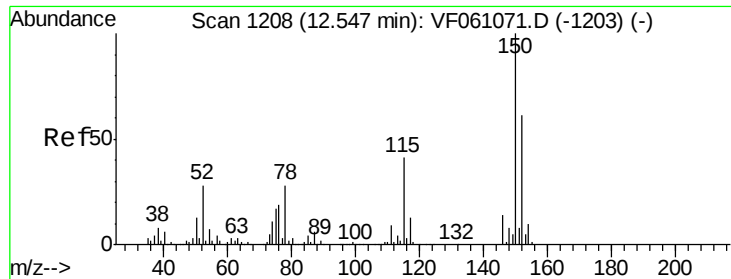
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.0	67.4
119	32.2	24.8	37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF061158.D

Acq: 24 Dec 2018 11:43

Instrument :

MSVOA_F

ClientSampleId :

VF1224SBL01

Tot Ion:152 Resp: 176803

Ion Ratio Lower Upper

152 100

115 59.6 33.3 99.9

150 155.8 0.0 328.2

Manual Integrations

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