

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062108.D
 Acq On : 23 Mar 2019 5:50
 Operator : VA/AP
 Sample : K2056-02
 Misc : 5.20g/5mL/MSVOA-F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-8

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 11:57:31 AM

Quant Time: Mar 23 07:08:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	135991	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.61	114	221035	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	157221	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	71859	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	49374	48.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	4.13	113	74521	49.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	7.57	98	172577	38.67	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	77.34%	
62) 4-Bromofluorobenzene	11.42	95	63525	36.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.74%	
Target Compounds						
20) Methylene Chloride	2.19	84	9870m	4.808	ug/l	Qvalue

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

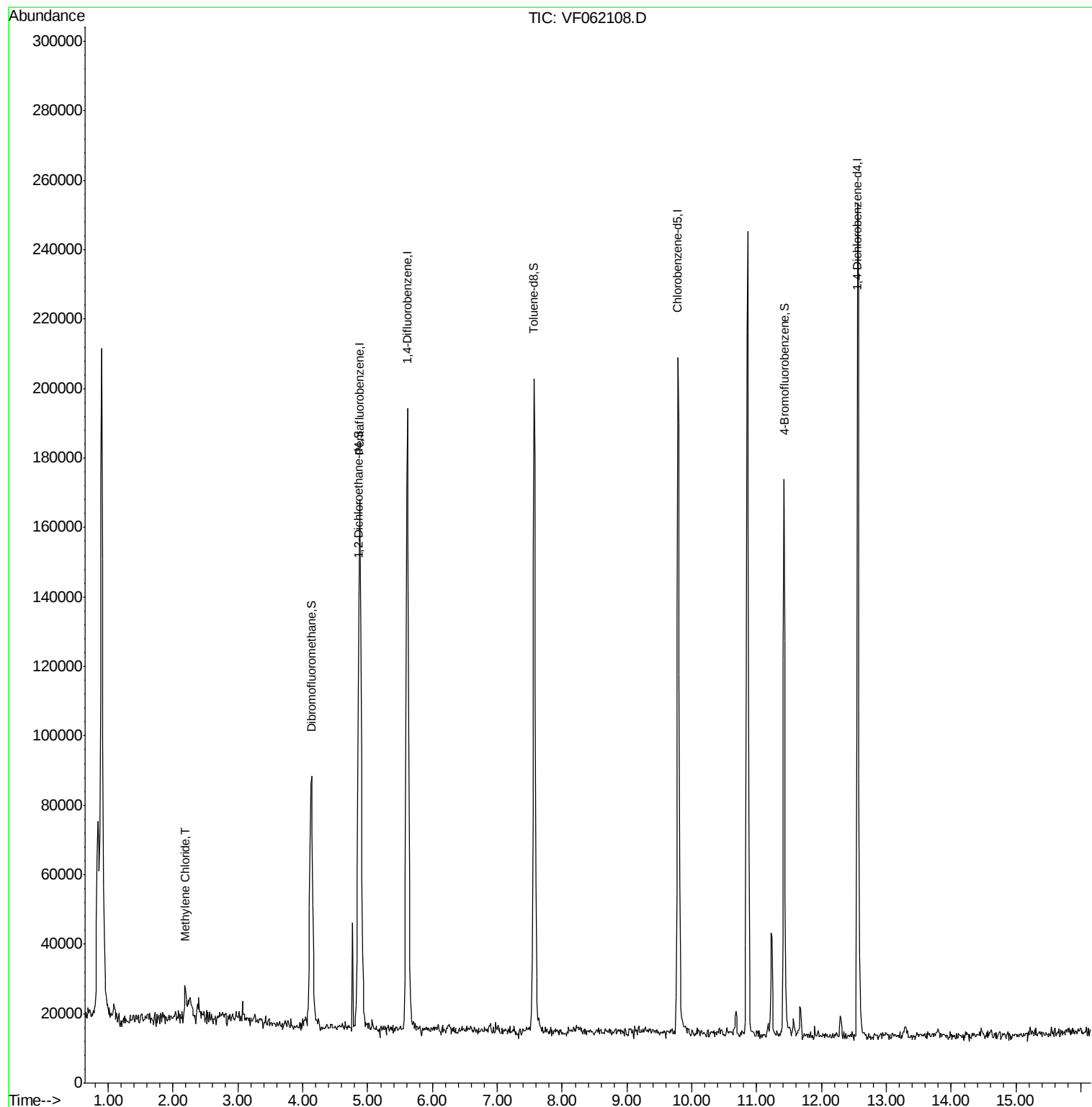
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
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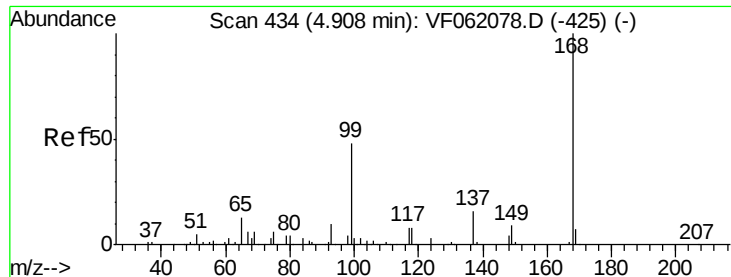
Instrument :
MSVOA_F
ClientSampleId :
CS-8

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.02 min

Lab File: VF062108.D

Acq: 23 Mar 2019 5:50

Instrument :

MSVOA_F

ClientSampled :

CS-8

Tot Ion:168 Resp: 135991

Ion Ratio Lower Upper

168 100

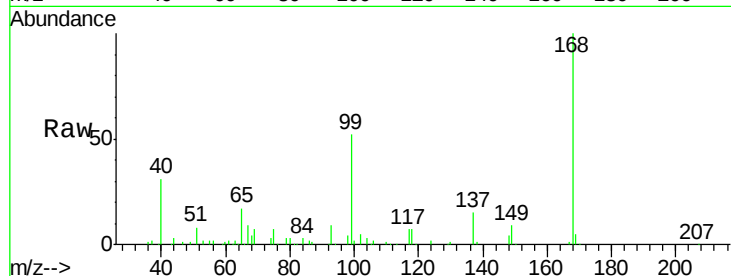
99 51.7 38.2 57.4

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

4.88

50000

40000

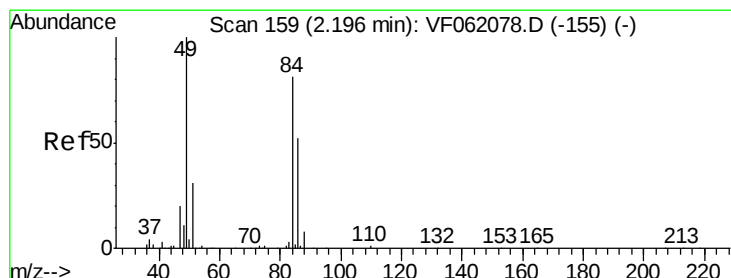
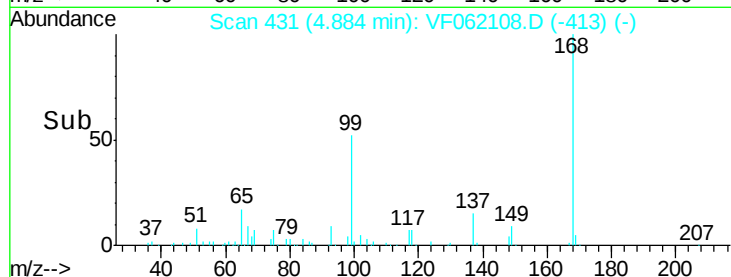
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 4.808 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. -0.00 min

Lab File: VF062108.D

Acq: 23 Mar 2019 5:50

Tgt Ion: 84 Resp: 9870

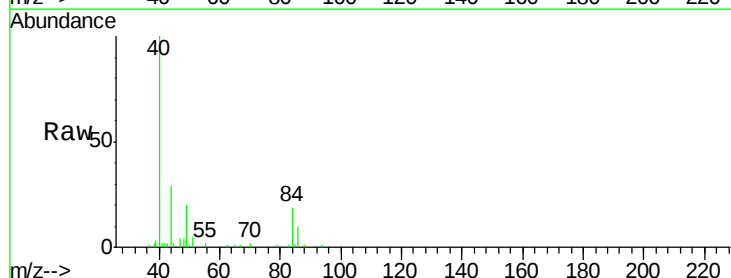
Ion Ratio Lower Upper

84 100

49 106.6 100.4 150.6

51 26.6 31.0 46.6#

86 52.4 51.3 76.9



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

2.19

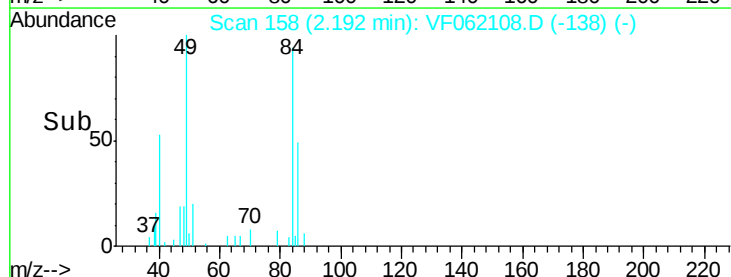
3000

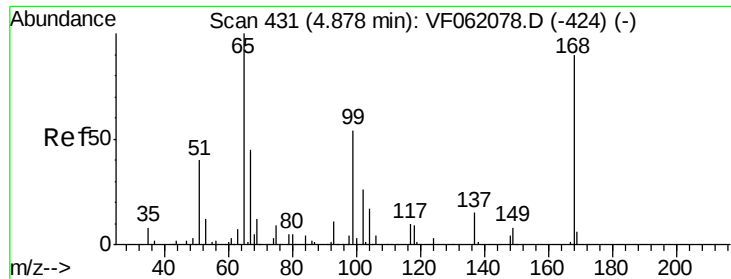
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.812 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF062108.D

Acq: 23 Mar 2019 5:50

Instrument :

MSVOA_F

ClientSampled :

CS-8

Tot Ion: 65 Resp: 49374

Ion Ratio Lower Upper

65 100

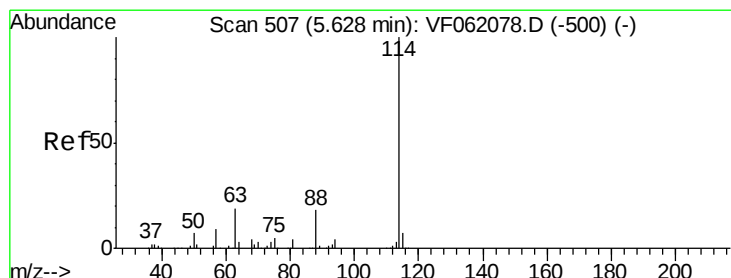
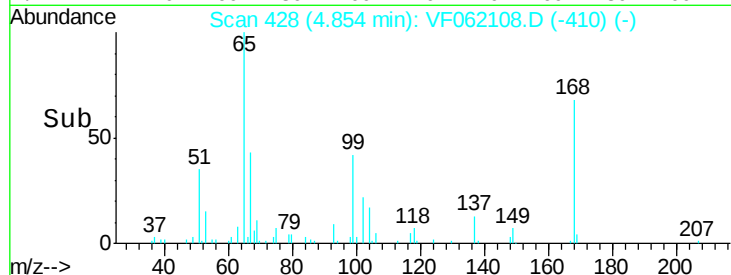
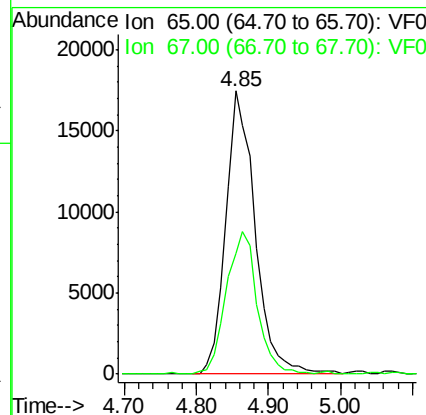
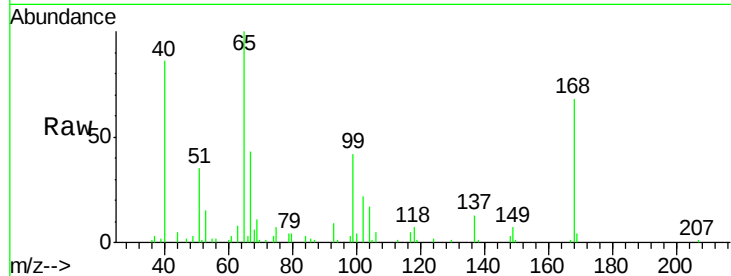
67 42.5 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF062108.D

Acq: 23 Mar 2019 5:50

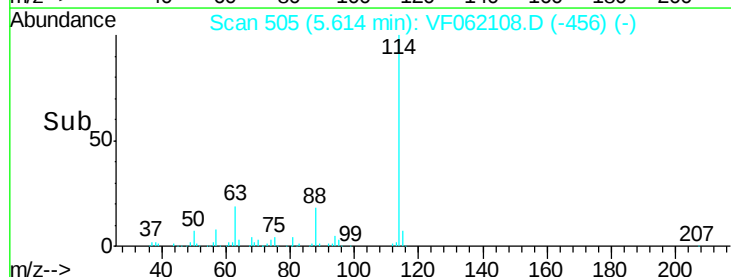
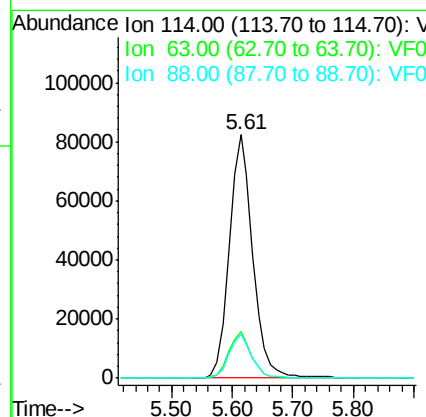
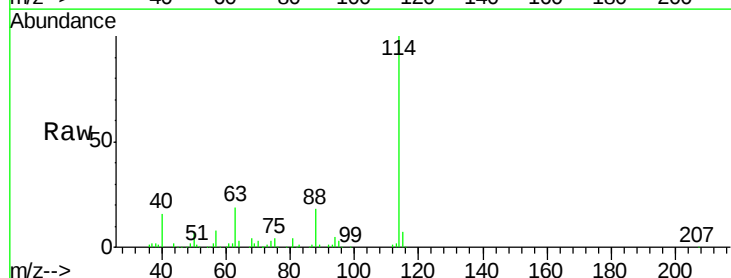
Tgt Ion: 114 Resp: 221035

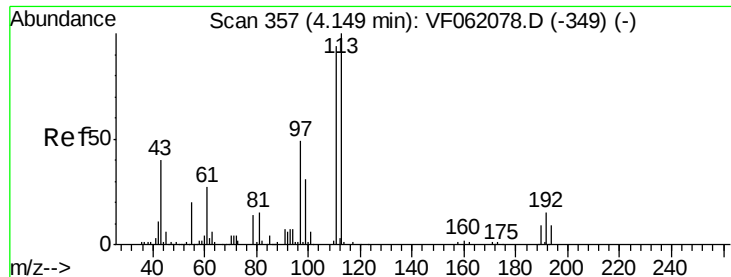
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.8

88 18.2 0.0 36.4





#35

Dibromofluoromethane

Concen: 49.840 ug/l

RT: 4.13 min Scan# 355

Delta R.T. -0.01 min

Lab File: VF062108.D

Acq: 23 Mar 2019 5:50

Instrument :

MSVOA_F

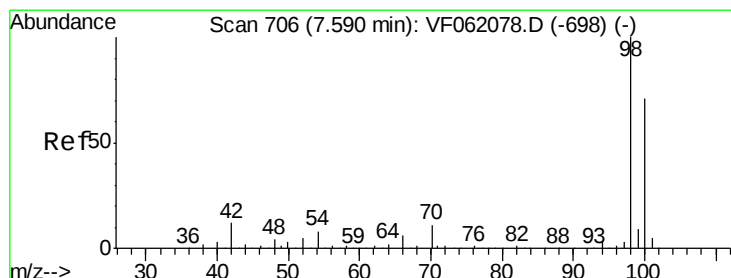
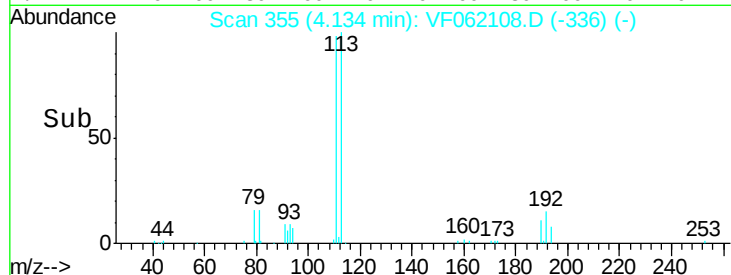
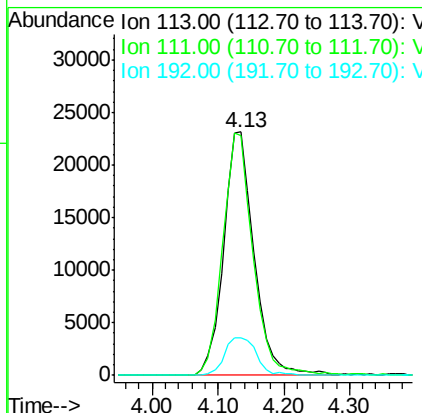
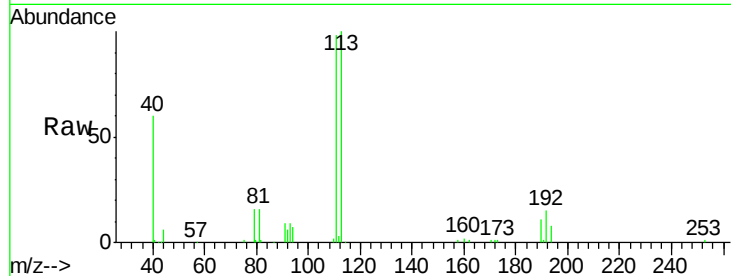
ClientSampleId :

CS-8

Tot Ion:	113	Resp:	74521
Ion Ratio	Lower	Upper	
113	100		
111	98.3	75.4	113.0
192	15.2	12.3	18.5

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#50

Toluene-d8

Concen: 38.666 ug/l

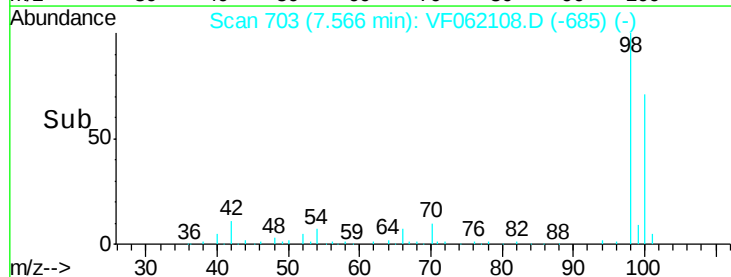
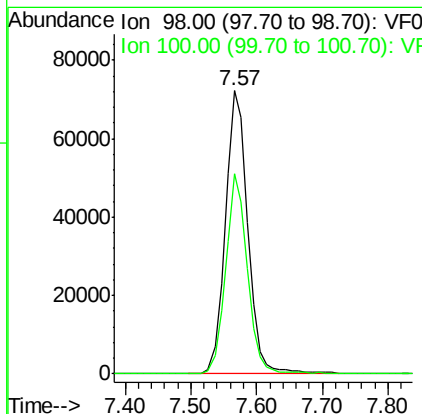
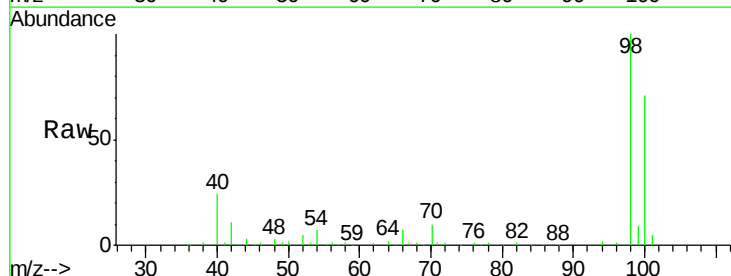
RT: 7.57 min Scan# 703

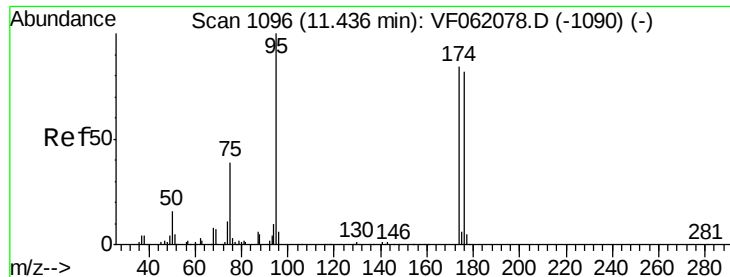
Delta R.T. -0.02 min

Lab File: VF062108.D

Acq: 23 Mar 2019 5:50

Tgt Ion:	98	Resp:	172577
Ion Ratio	Lower	Upper	
98	100		
100	70.5	57.0	85.6





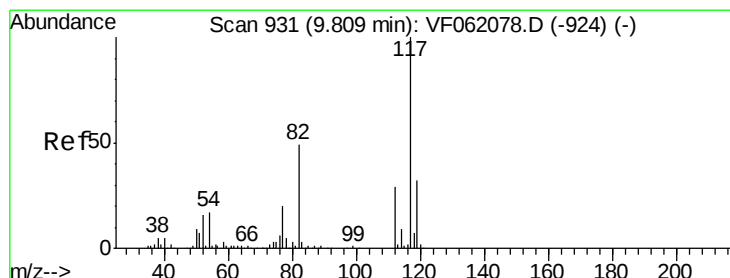
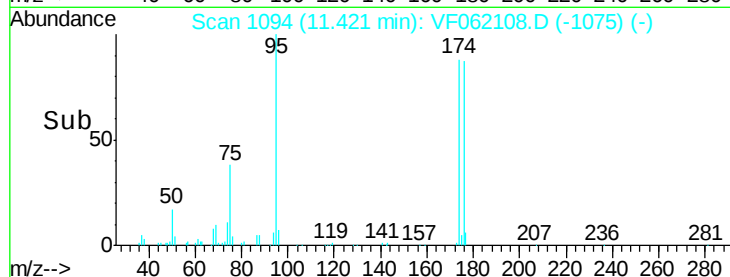
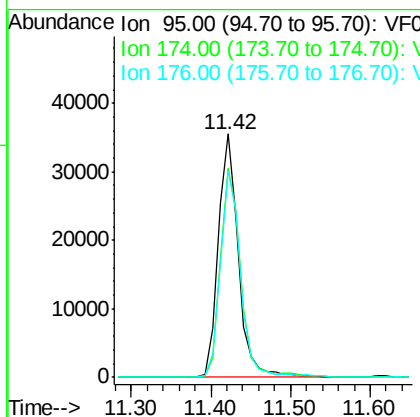
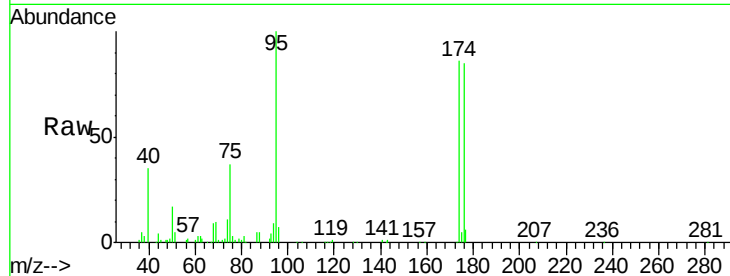
#62
4-Bromofluorobenzene
Concen: 36.868 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.01 min
Lab File: VF062108.D
Acq: 23 Mar 2019 5:50

Instrument :
MSVOA_F
ClientSampleId :
CS-8

Tot Ion	Ratio	Resp	Lower	Upper
95	100	63525		
174	85.7	0.0	168.2	
176	84.8	0.0	164.2	

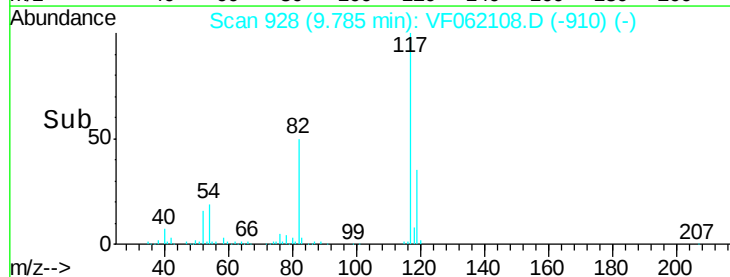
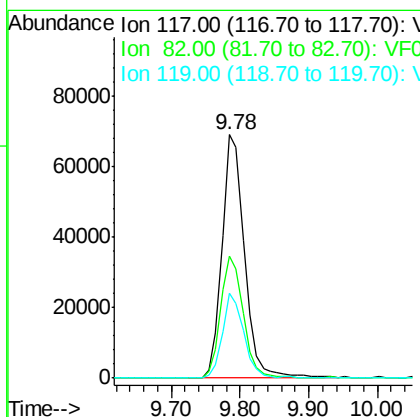
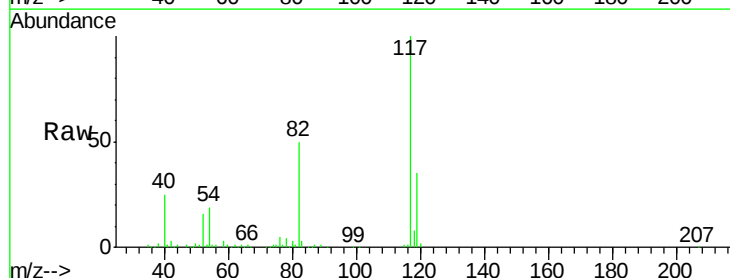
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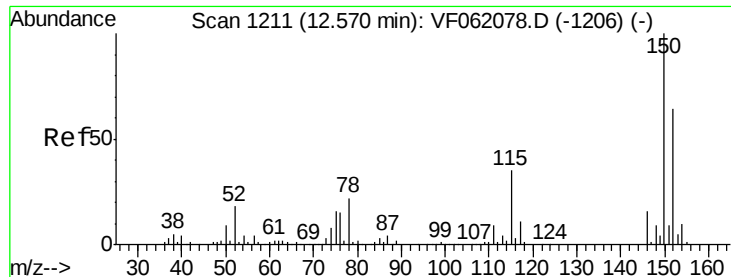
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.02 min
Lab File: VF062108.D
Acq: 23 Mar 2019 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	157221		
82	49.9	39.2	58.8	
119	34.9	25.4	38.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF062108.D

Acq: 23 Mar 2019 5:50

Instrument :

MSVOA_F

ClientSampleId :

CS-8

Tot Ion:152 Resp: 71859

Ion Ratio Lower Upper

152 100

115 60.1 27.7 83.1

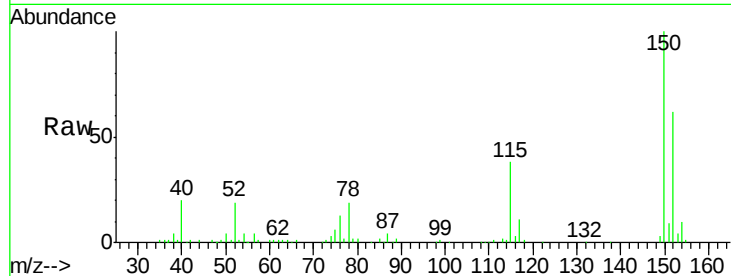
150 160.1 0.0 313.2

Manual Integrations

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Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

