

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020719\
 Data File : VF061557.D
 Acq On : 7 Feb 2019 21:03
 Operator : VA/AP
 Sample : K1404-08
 Misc : 6.07g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C12-SS4-10.0-10.5

Manual Integrations
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 2/11/2019 12:36:54 PM

Quant Time: Feb 09 05:30:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	89699	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.60	114	164271	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	148333	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	83591	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	59673	53.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.76%	
35) Dibromofluoromethane	4.12	113	64528	49.78	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	7.56	98	150470	42.37	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.74%	
62) 4-Bromofluorobenzene	11.41	95	83546	50.35	ug/l	0.01
Spiked Amount 50.000			Recovery	=	100.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.19	84	4307m	4.098	ug/l	

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

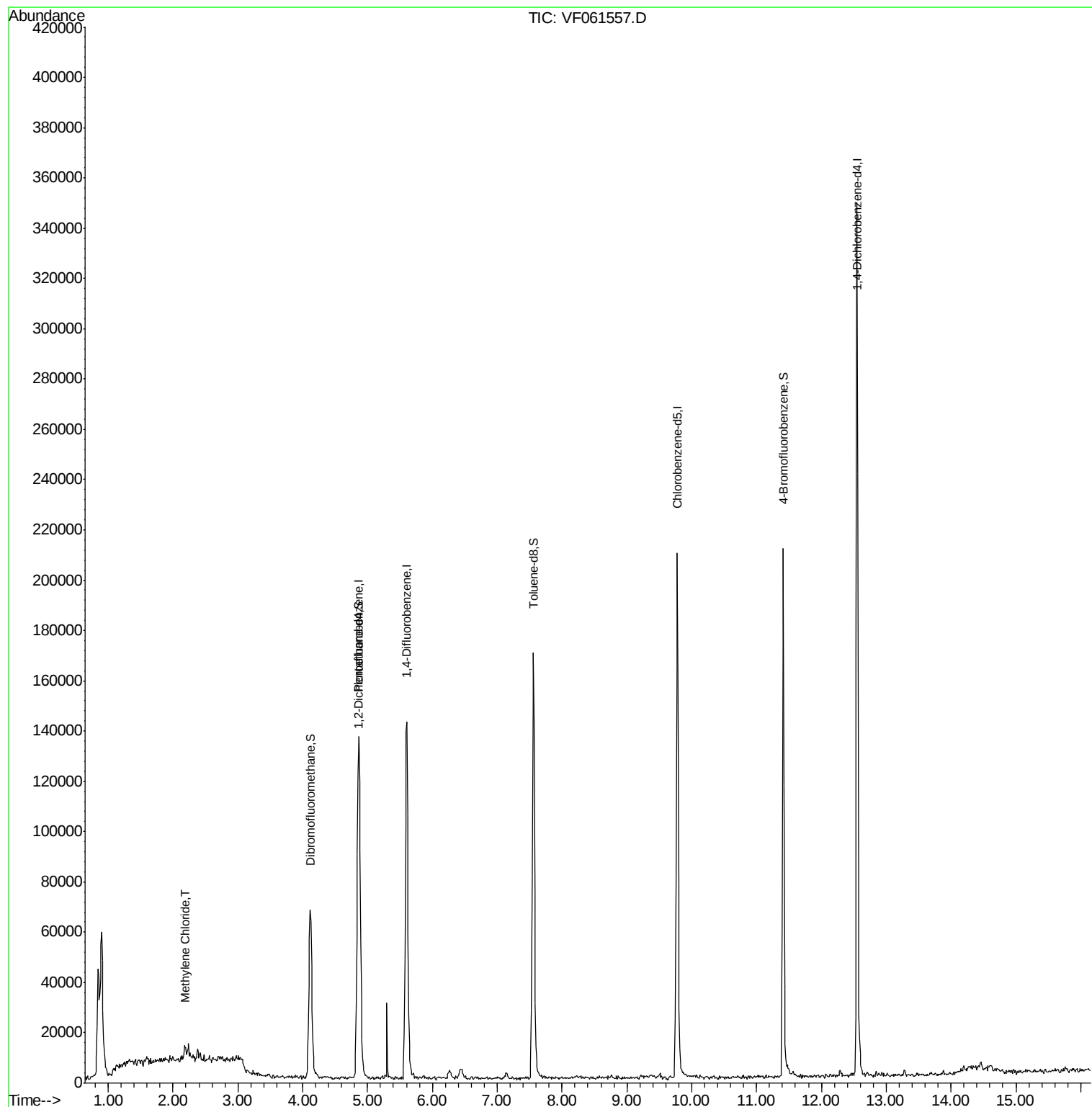
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF020719\
Data File : VF061557.D
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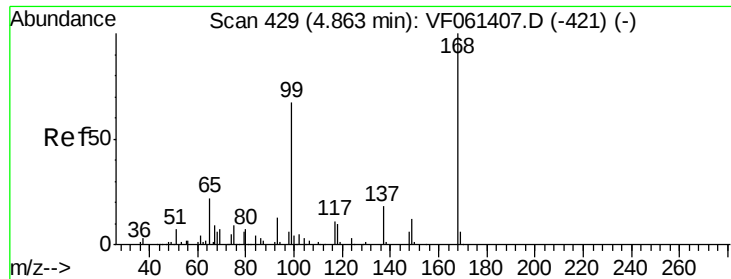
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF061557.D

Acq: 7 Feb 2019 21:03

Instrument :

MSVOA_F

ClientSampleId :

A0C12-SS4-10.0-10.5

Tot Ion:168 Resp: 89699

Ion Ratio Lower Upper

168 100

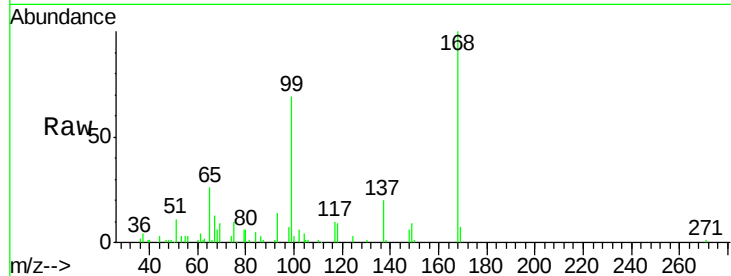
99 69.0 53.5 80.3

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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

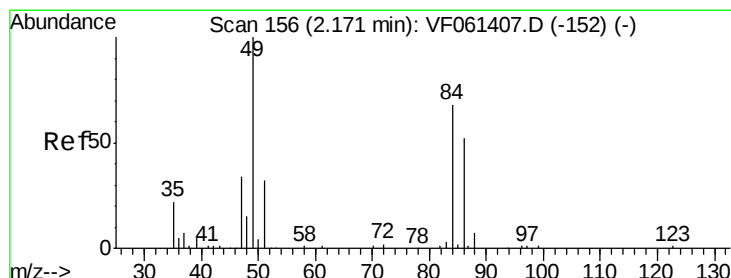
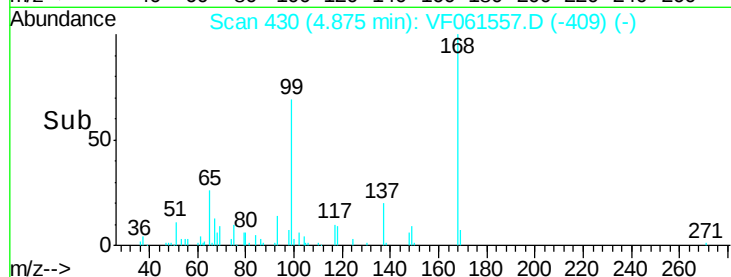
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 4.098 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. 0.02 min

Lab File: VF061557.D

Acq: 7 Feb 2019 21:03

Tgt Ion: 84 Resp: 4307

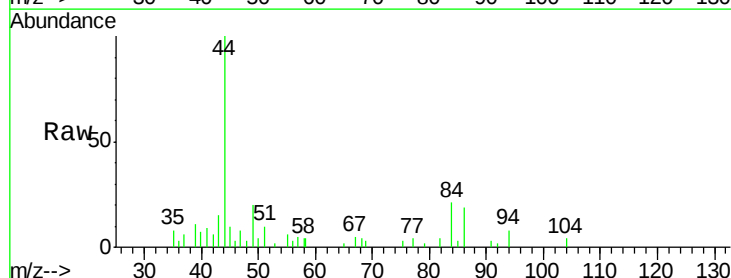
Ion Ratio Lower Upper

84 100

49 95.3 120.0 180.0#

51 48.5 38.6 58.0

86 88.8 61.0 91.6



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

2500

2000

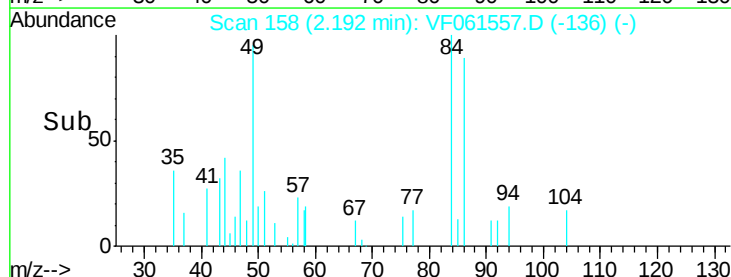
1500

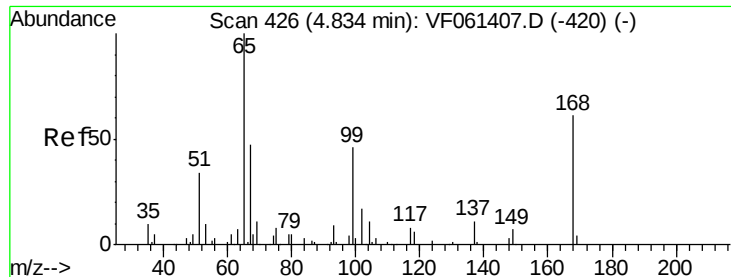
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.883 ug/l

RT: 4.85 min Scan# 427

Delta R.T. 0.01 min

Lab File: VF061557.D

Acq: 7 Feb 2019 21:03

Instrument :

MSVOA_F

ClientSampleId :

A0C12-SS4-10.0-10.5

Tot Ion: 65 Resp: 59673

Ion Ratio Lower Upper

65 100

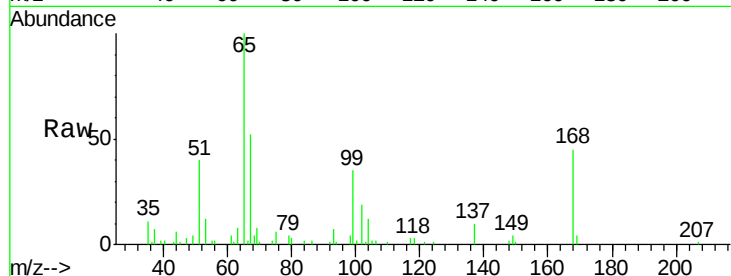
67 51.7 0.0 99.8

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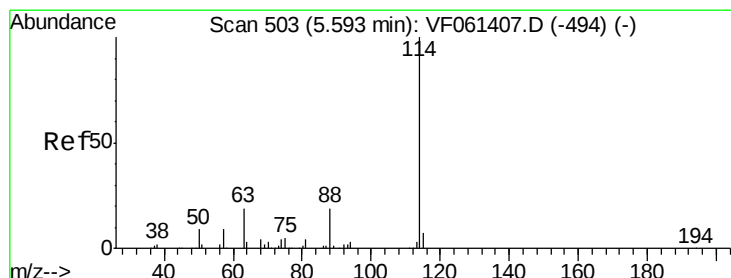
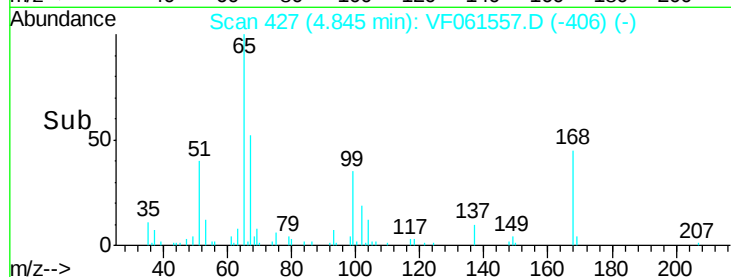
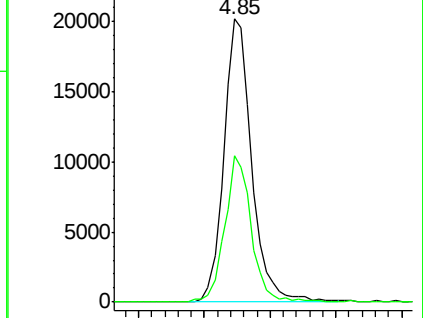
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF061557.D

Acq: 7 Feb 2019 21:03

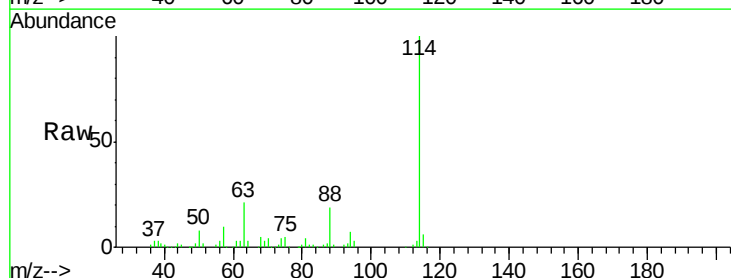
Tgt Ion: 114 Resp: 164271

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.0

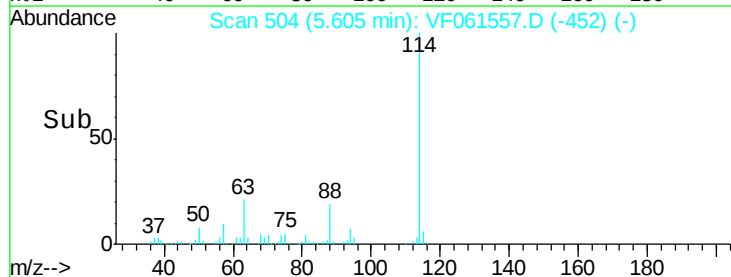
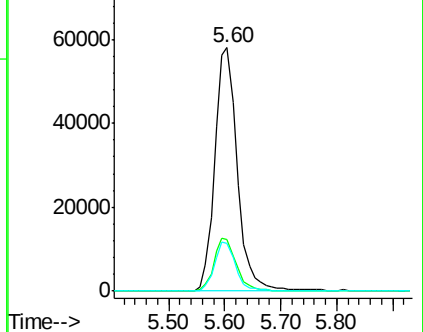
88 19.4 0.0 37.4

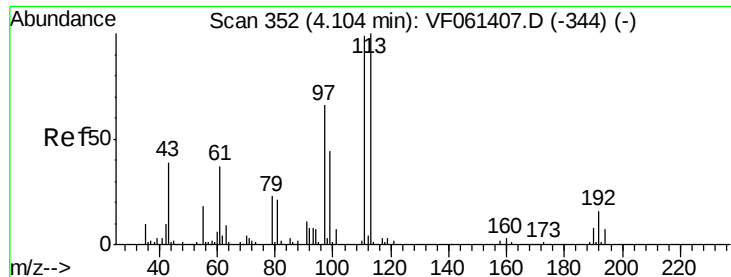


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





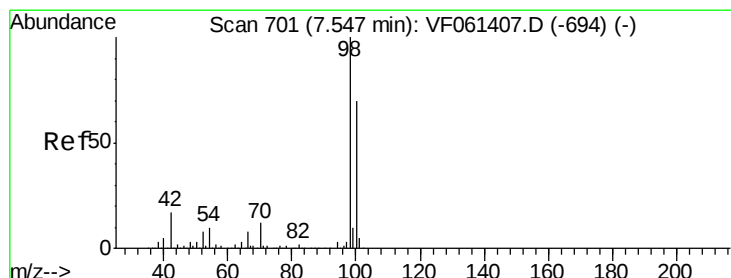
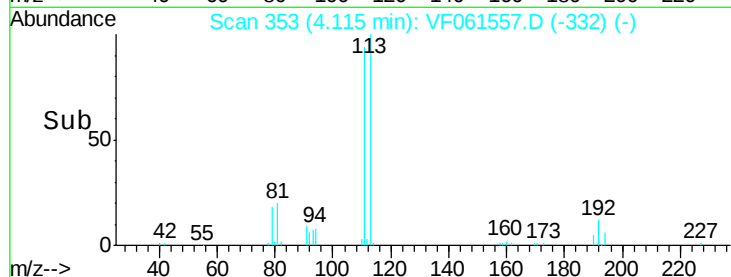
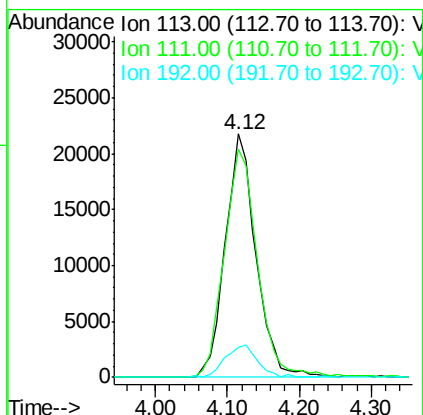
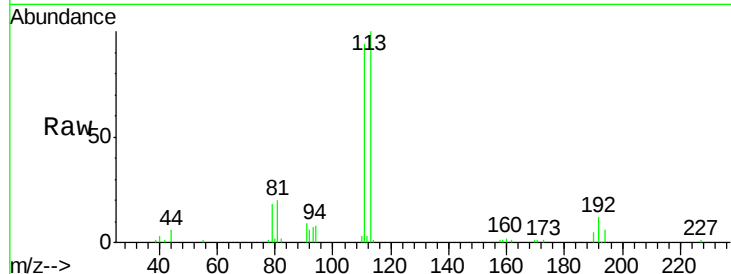
#35
 Dibromofluoromethane
 Concen: 49.781 ug/l
 RT: 4.12 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VF061557.D
 Acq: 7 Feb 2019 21:03

Instrument :
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 A0C12-SS4-10.0-10.5

Tot Ion	Ratio	Lower	Upper
113	100		
111	93.9	79.4	119.0
192	12.4	12.4	18.6

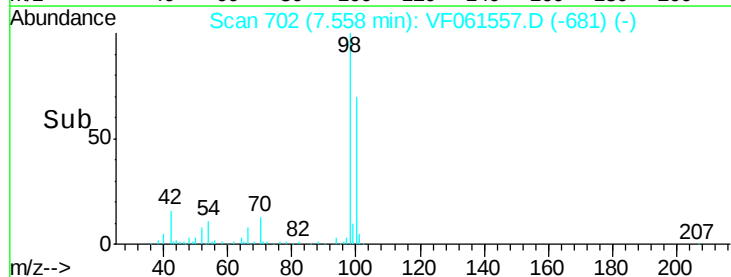
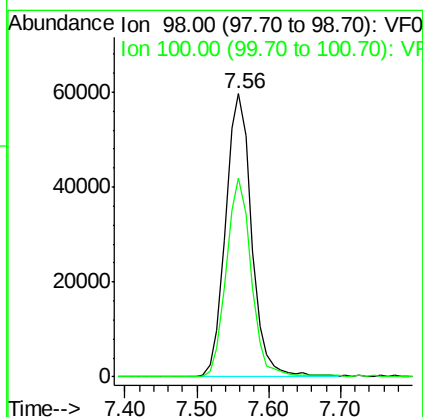
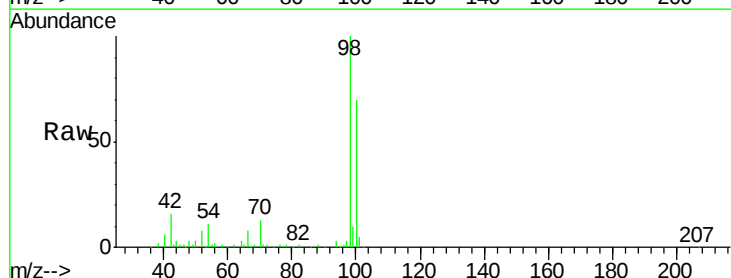
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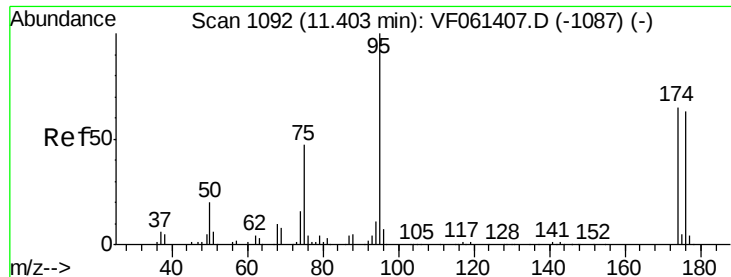
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#50
 Toluene-d8
 Concen: 42.368 ug/l
 RT: 7.56 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: VF061557.D
 Acq: 7 Feb 2019 21:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.2	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 50.349 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061557.D

Acq: 7 Feb 2019 21:03

Instrument :

MSVOA_F

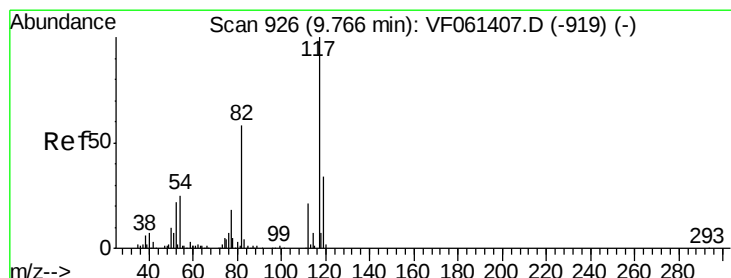
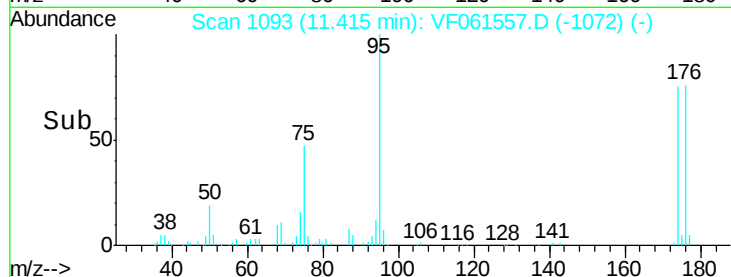
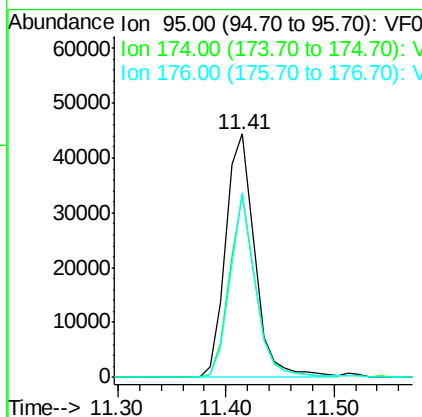
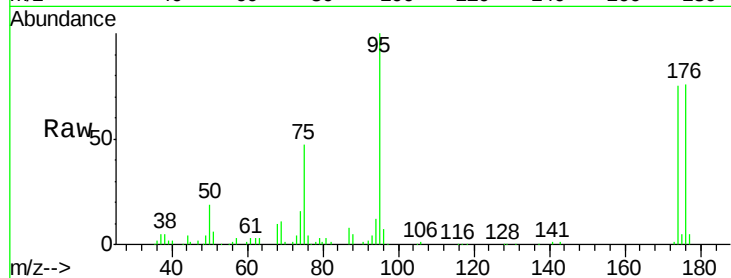
ClientSampleId :

A0C12-SS4-10.0-10.5

Tot Ion:	95	Resp:	83546
Ion Ratio	Lower	Upper	
95	100		
174	74.6	0.0	130.4
176	76.1	0.0	126.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

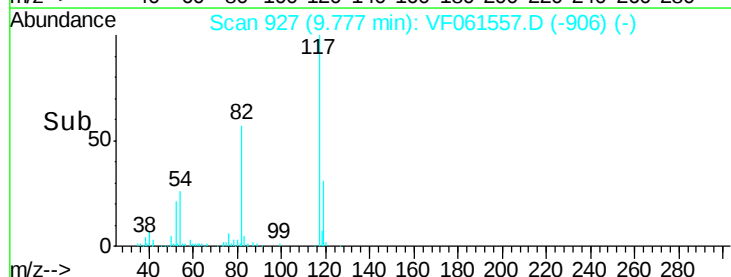
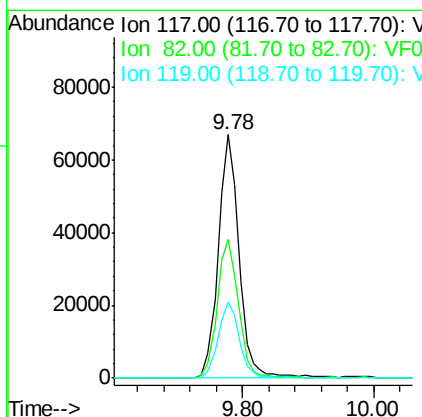
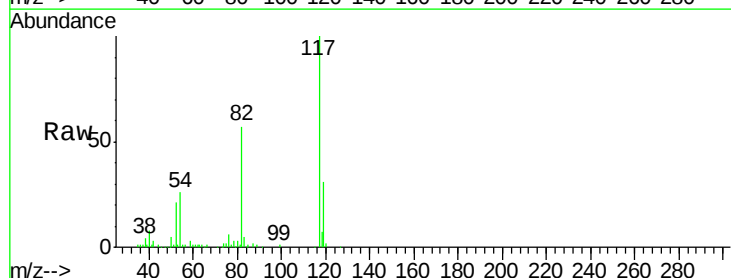
RT: 9.78 min Scan# 927

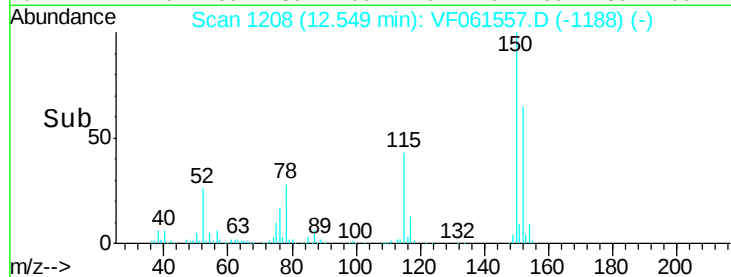
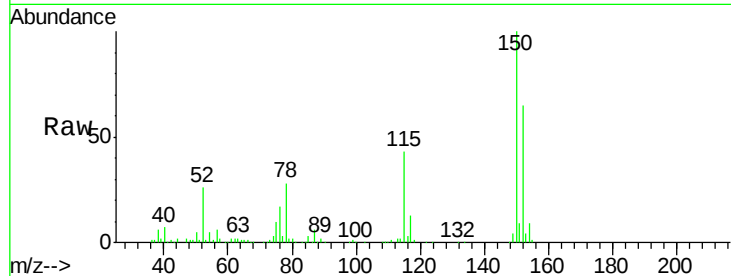
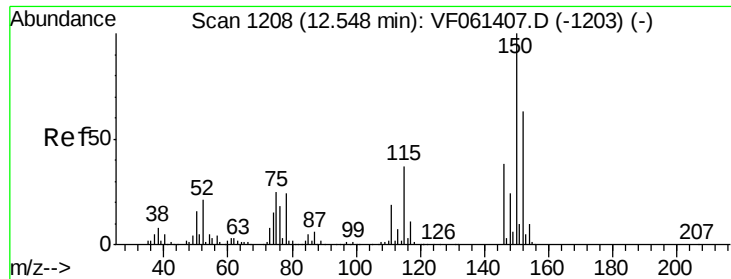
Delta R.T. 0.01 min

Lab File: VF061557.D

Acq: 7 Feb 2019 21:03

Tgt Ion:	117	Resp:	148333
Ion Ratio	Lower	Upper	
117	100		
82	57.1	46.4	69.6
119	31.0	27.2	40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF061557.D

Acq: 7 Feb 2019 21:03

Tot Ion	Ratio	Resp	Lower	Upper
152	100	83591		
115	66.3		30.0	90.0
150	154.4		0.0	321.4

Instrument :

MSVOA_F

ClientSampleId :

A0C12-SS4-10.0-10.5

Manual Integrations
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