

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
 Data File : VF061757.D
 Acq On : 26 Feb 2019 22:49
 Operator : VA/AP
 Sample : K1628-03
 Misc : 6.29g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C6-1-0.5-1.0

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 3:20:51 PM

Quant Time: Feb 27 04:50:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	326149	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.57	114	515742	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.75	117	440143	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	222931	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	103102	43.11	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	86.22%	
35) Dibromofluoromethane	4.08	113	161695	42.22	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	84.44%	
50) Toluene-d8	7.52	98	417678	37.94	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	75.88%	
62) 4-Bromofluorobenzene	11.39	95	179354	40.26	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	80.52%	
Target Compounds						
20) Methylene Chloride	2.17	84	27870m	8.019	ug/l	Qvalue
64) Tetrachloroethene	8.12	164	432563	120.234	ug/l	98

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

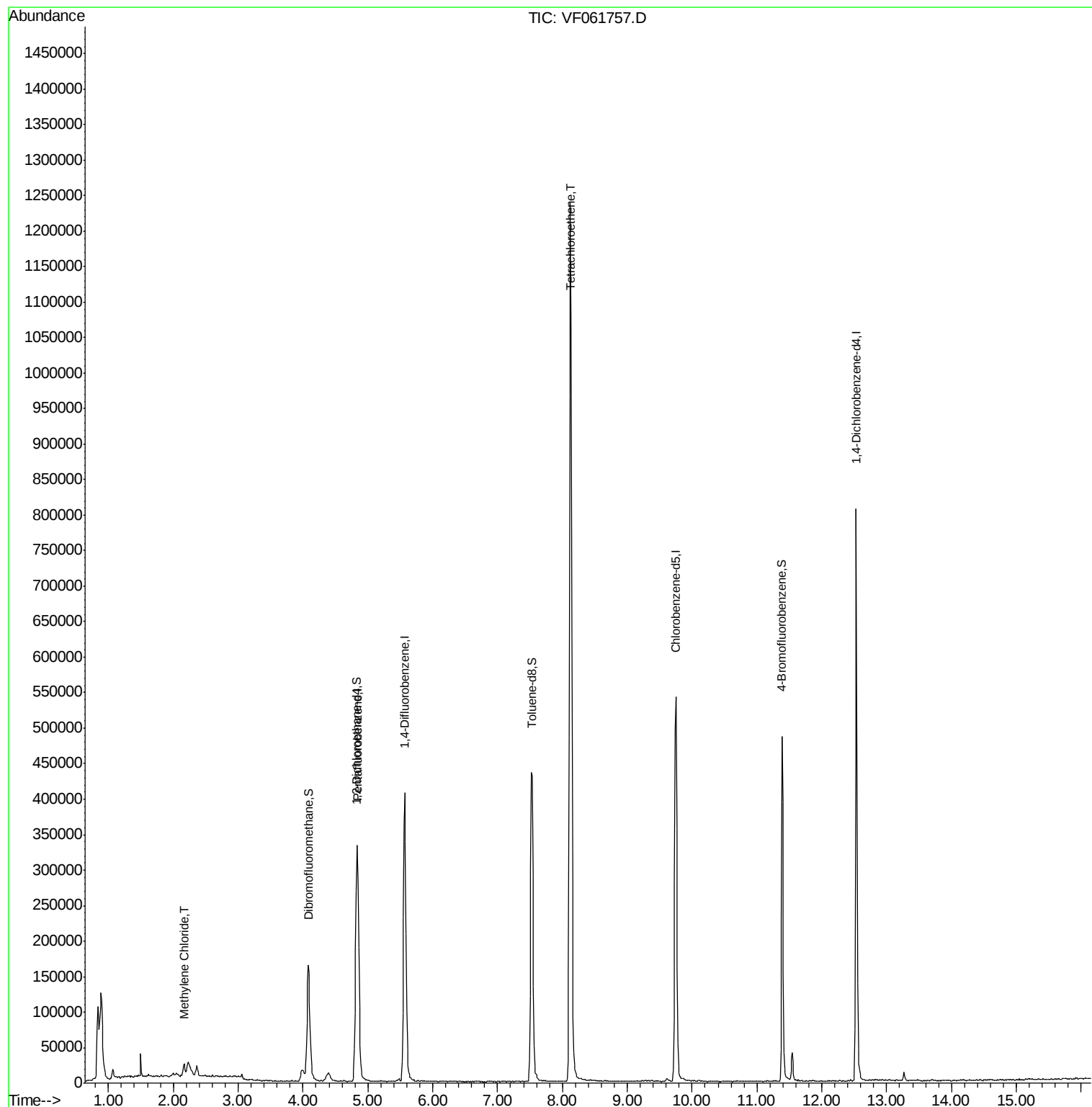
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022619\
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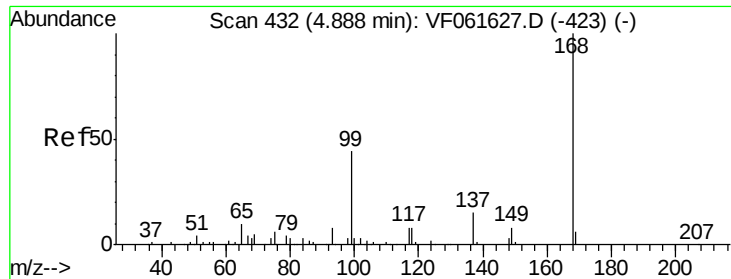
Instrument :
MSVOA_F
ClientSampleId :
A0C6-1-0.5-1.0

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Quant Time: Feb 27 04:50:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.05 min

Lab File: VF061757.D

Acq: 26 Feb 2019 22:49

Instrument :

MSVOA_F

ClientSampleId :

A0C6-1-0.5-1.0

Tot Ion:168 Resp: 326149

Ion Ratio Lower Upper

168 100

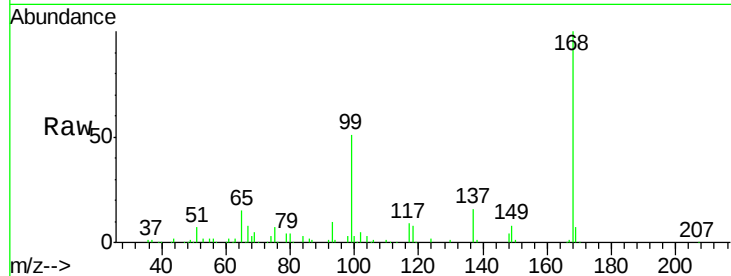
99 51.2 34.9 52.3

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

4.84

120000

100000

80000

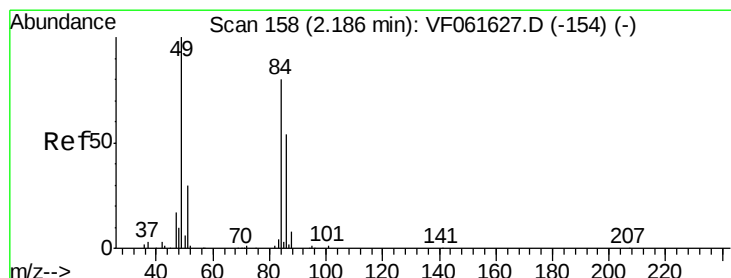
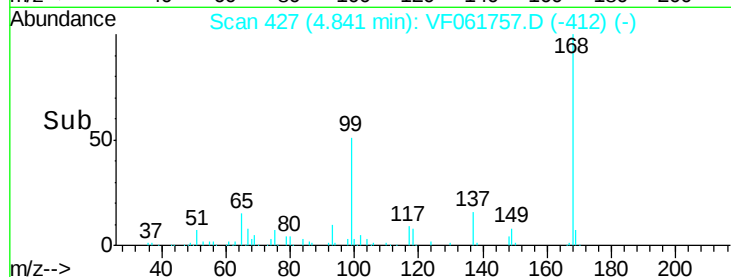
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 8.019 ug/l m

RT: 2.17 min Scan# 156

Delta R.T. -0.02 min

Lab File: VF061757.D

Acq: 26 Feb 2019 22:49

Tgt Ion: 84 Resp: 27870

Ion Ratio Lower Upper

84 100

49 117.2 101.8 152.8

51 30.8 31.1 46.7#

86 62.3 54.4 81.6

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

8000

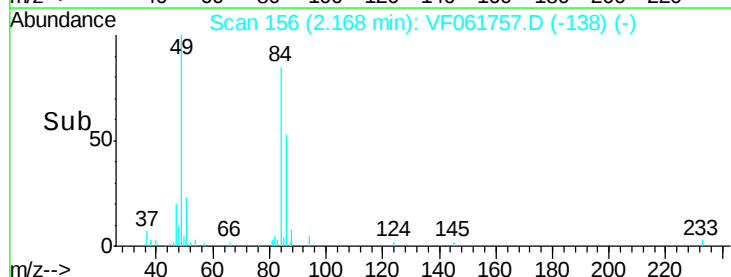
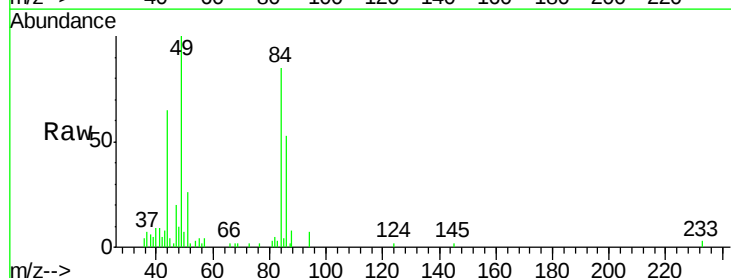
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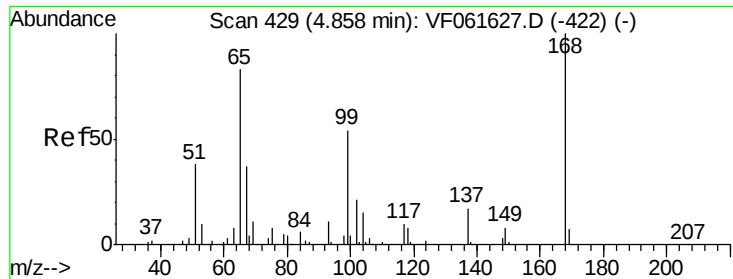
4000

2000

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Time-->





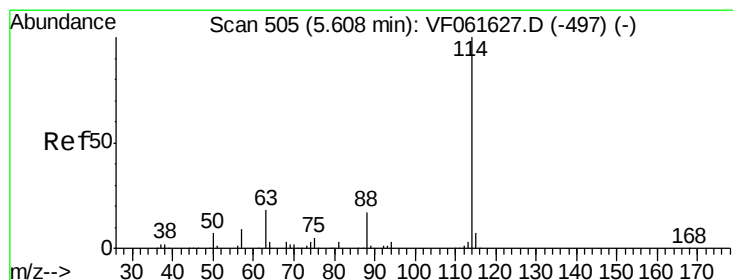
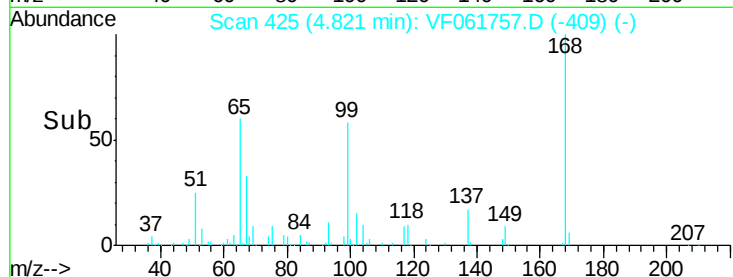
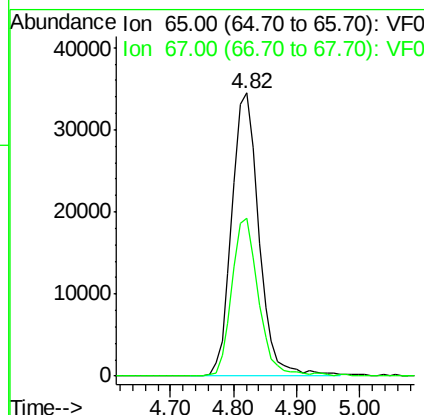
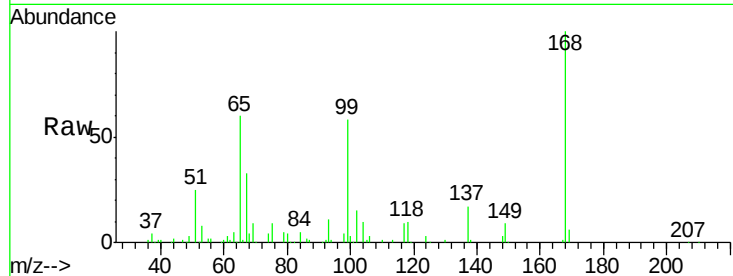
#33
 1,2-Dichloroethane-d4
 Concen: 43.108 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.04 min
 Lab File: VF061757.D
 Acq: 26 Feb 2019 22:49

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C6-1-0.5-1.0

Tot Ion	Ratio	Resp	Lower	Upper
65	100	103102		
67	55.6	0.0	104.0	

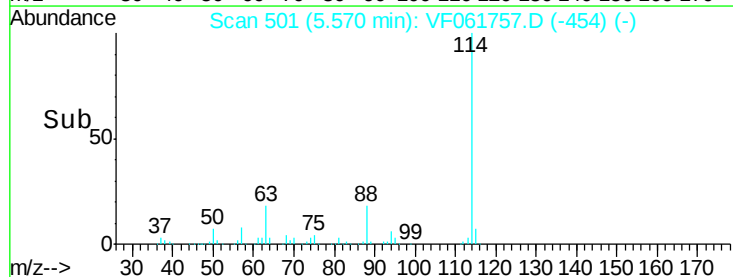
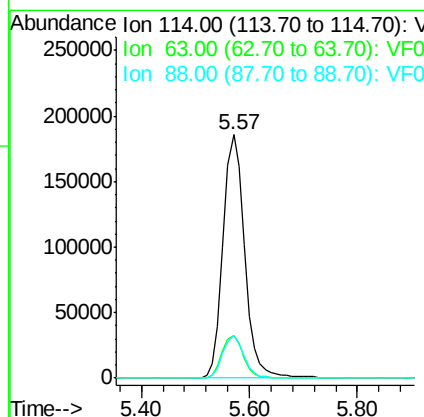
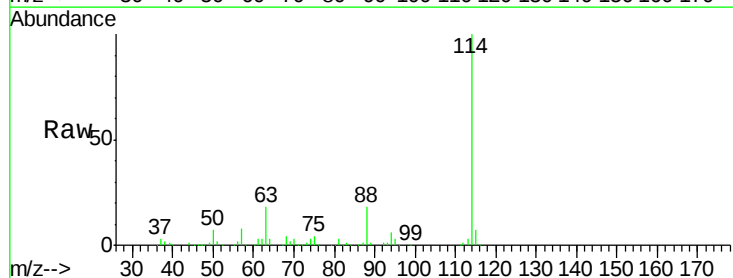
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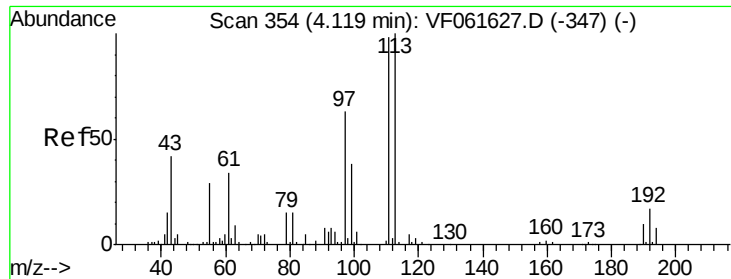
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.57 min Scan# 501
 Delta R.T. -0.04 min
 Lab File: VF061757.D
 Acq: 26 Feb 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	515742		
63	17.7	0.0	36.6	
88	17.5	0.0	34.4	





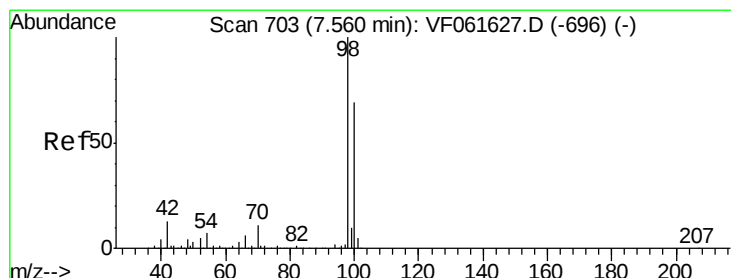
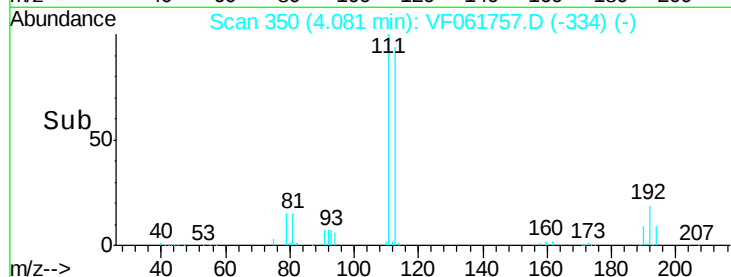
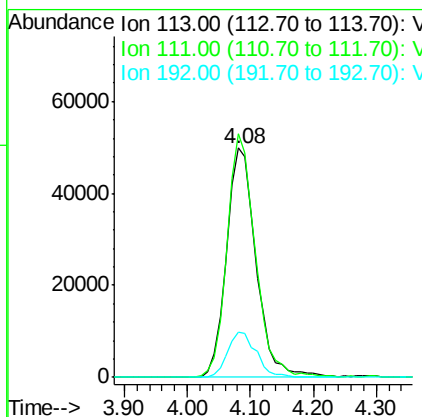
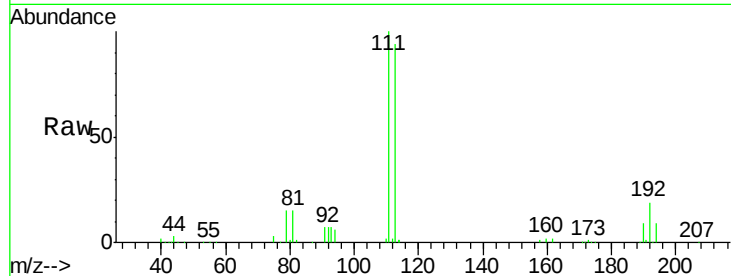
#35
 Dibromofluoromethane
 Concen: 42.219 ug/l
 RT: 4.08 min Scan# 350
 Delta R.T. -0.04 min
 Lab File: VF061757.D
 Acq: 26 Feb 2019 22:49

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C6-1-0.5-1.0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
111	106.1	78.8	118.2		
192	20.2	13.4	20.0#		

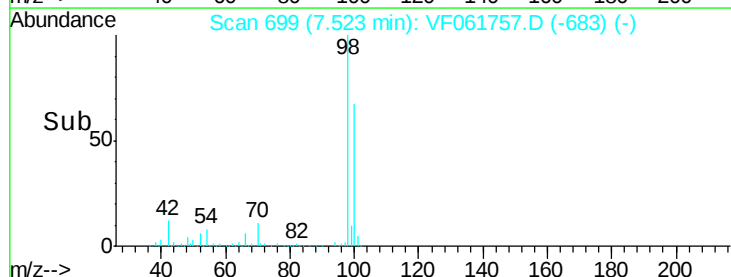
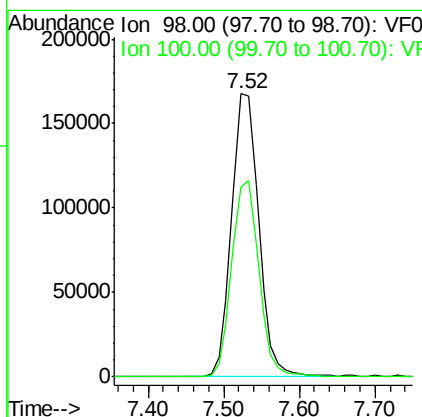
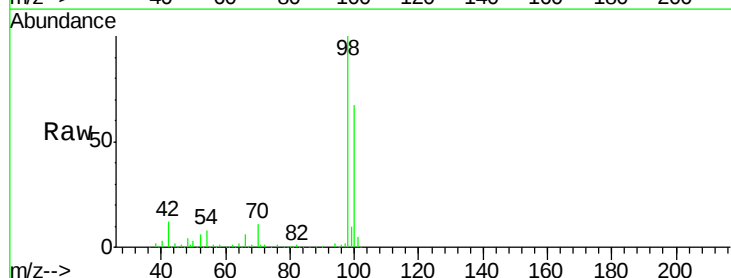
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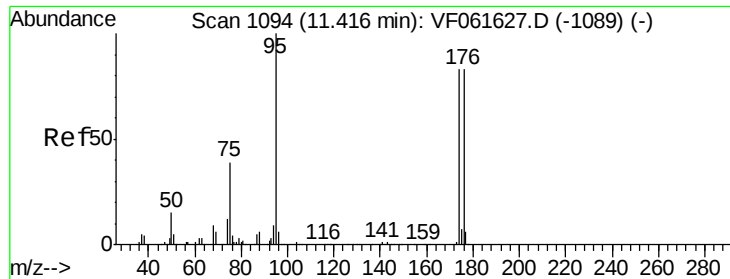
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 2/27/2019 3:20:51 PM



#50
 Toluene-d8
 Concen: 37.936 ug/l
 RT: 7.52 min Scan# 699
 Delta R.T. -0.04 min
 Lab File: VF061757.D
 Acq: 26 Feb 2019 22:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
98	100				
100	66.9	55.4	83.2		





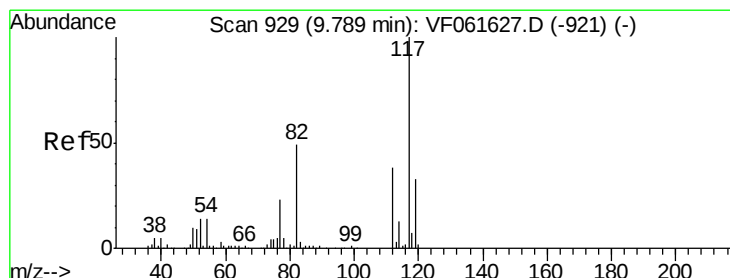
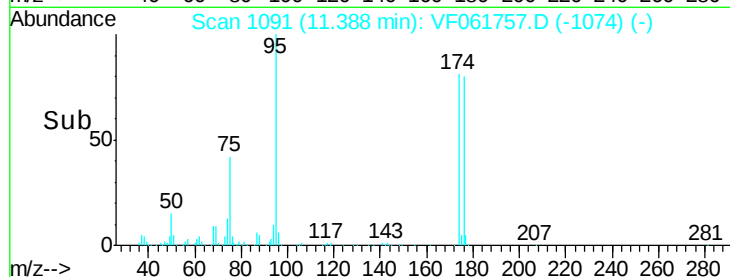
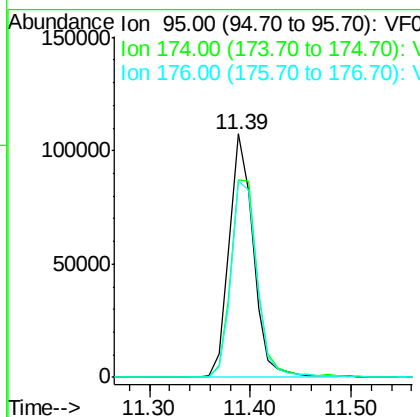
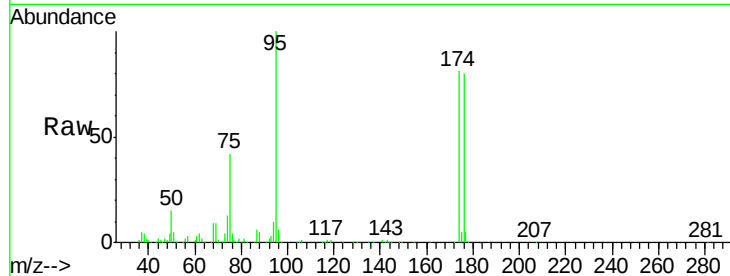
#62
4-Bromofluorobenzene
Concen: 40.261 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.03 min
Lab File: VF061757.D
Acq: 26 Feb 2019 22:49

Instrument :
MSVOA_F
ClientSampleId :
A0C6-1-0.5-1.0

Tot Ion	Ratio	Resp	Lower	Upper
95	100	179354		
174	81.3	0.0	165.8	
176	80.4	0.0	167.0	

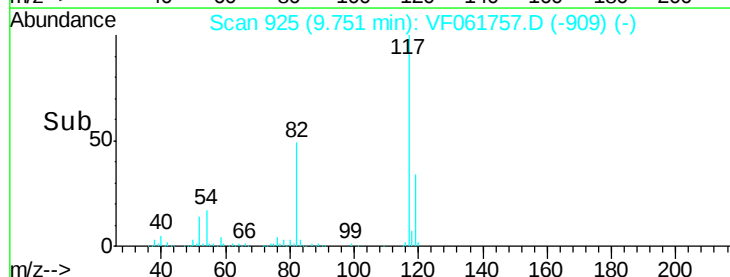
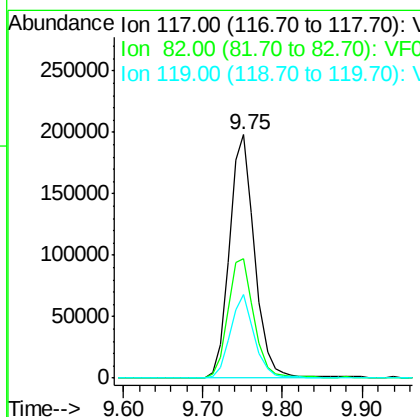
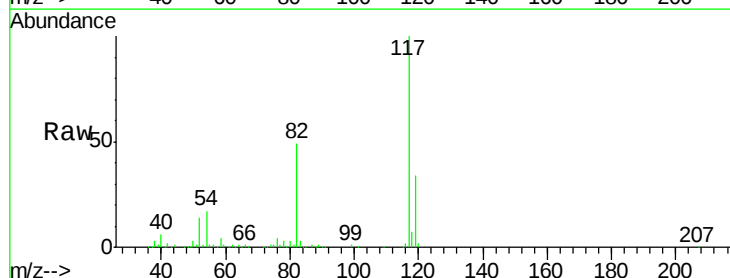
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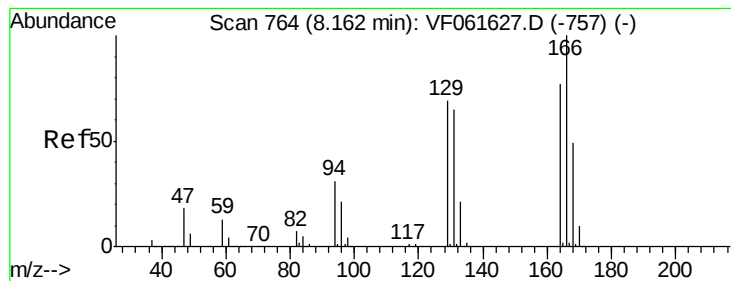
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF061757.D
Acq: 26 Feb 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	440143		
82	49.2	39.3	58.9	
119	34.3	26.6	40.0	





#64

Tetrachloroethene

Concen: 120.234 ug/l

RT: 8.12 min Scan# 760

Delta R.T. -0.04 min

Lab File: VF061757.D

Acq: 26 Feb 2019 22:49

Instrument :

MSVOA_F

ClientSampleId :

A0C6-1-0.5-1.0

Tot Ion:164 Resp: 432563

Ion Ratio Lower Upper

164 100

166 128.6 103.9 155.9

129 89.8 71.3 106.9

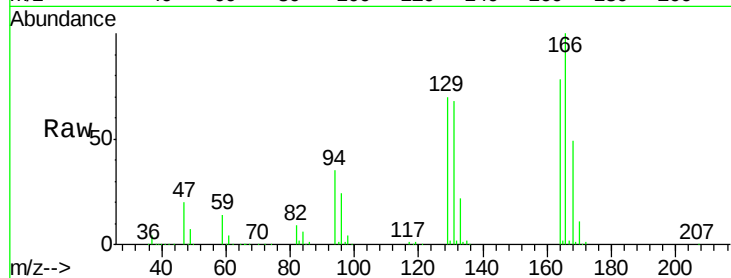
131 87.3 67.1 100.7

Manual Integrations

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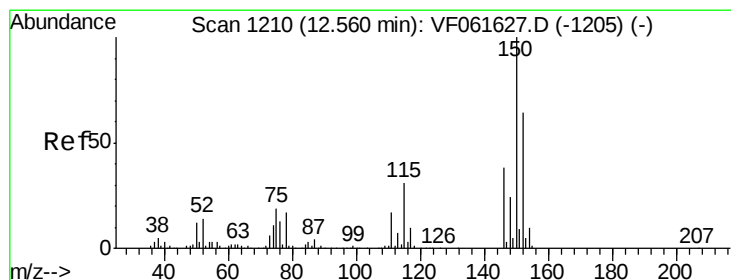
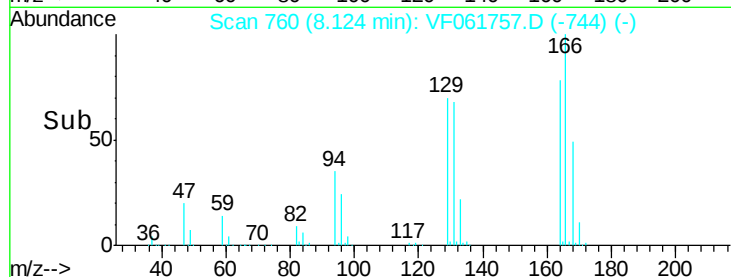
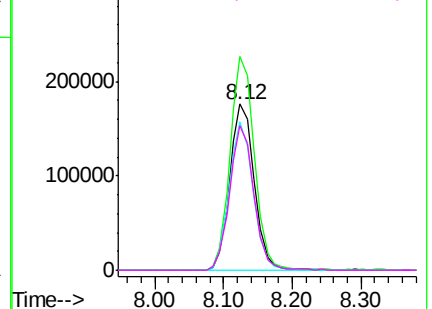


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.53 min Scan# 1207

Delta R.T. -0.03 min

Lab File: VF061757.D

Acq: 26 Feb 2019 22:49

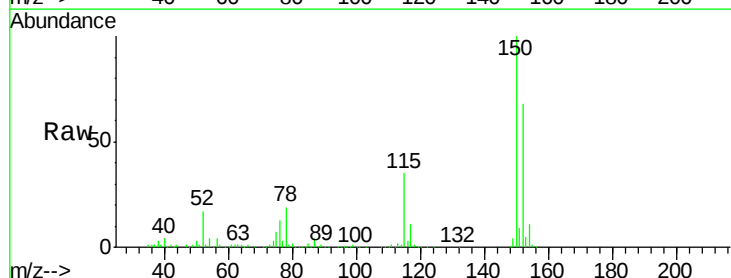
Tgt Ion:152 Resp: 222931

Ion Ratio Lower Upper

152 100

115 51.3 24.3 72.8

150 148.0 0.0 312.0



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

