

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
 Data File : VF061752.D
 Acq On : 26 Feb 2019 20:25
 Operator : VA/AP
 Sample : K1627-06
 Misc : 6.41g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-03-(2-5)

Manual Integrations
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Quant Time: Feb 27 04:44:58 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	4.85	168	93146	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	119489	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	77813	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	22904	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	24165	35.38	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	70.76%	
35) Dibromofluoromethane	4.10	113	35382	39.87	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.74%	
50) Toluene-d8	7.53	98	90445	35.46	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	70.92%	
62) 4-Bromofluorobenzene	11.40	95	25350	24.56	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	49.12%	
Target Compounds						
20) Methylene Chloride	2.17	84	7385m	7.249	ug/l	Qvalue

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

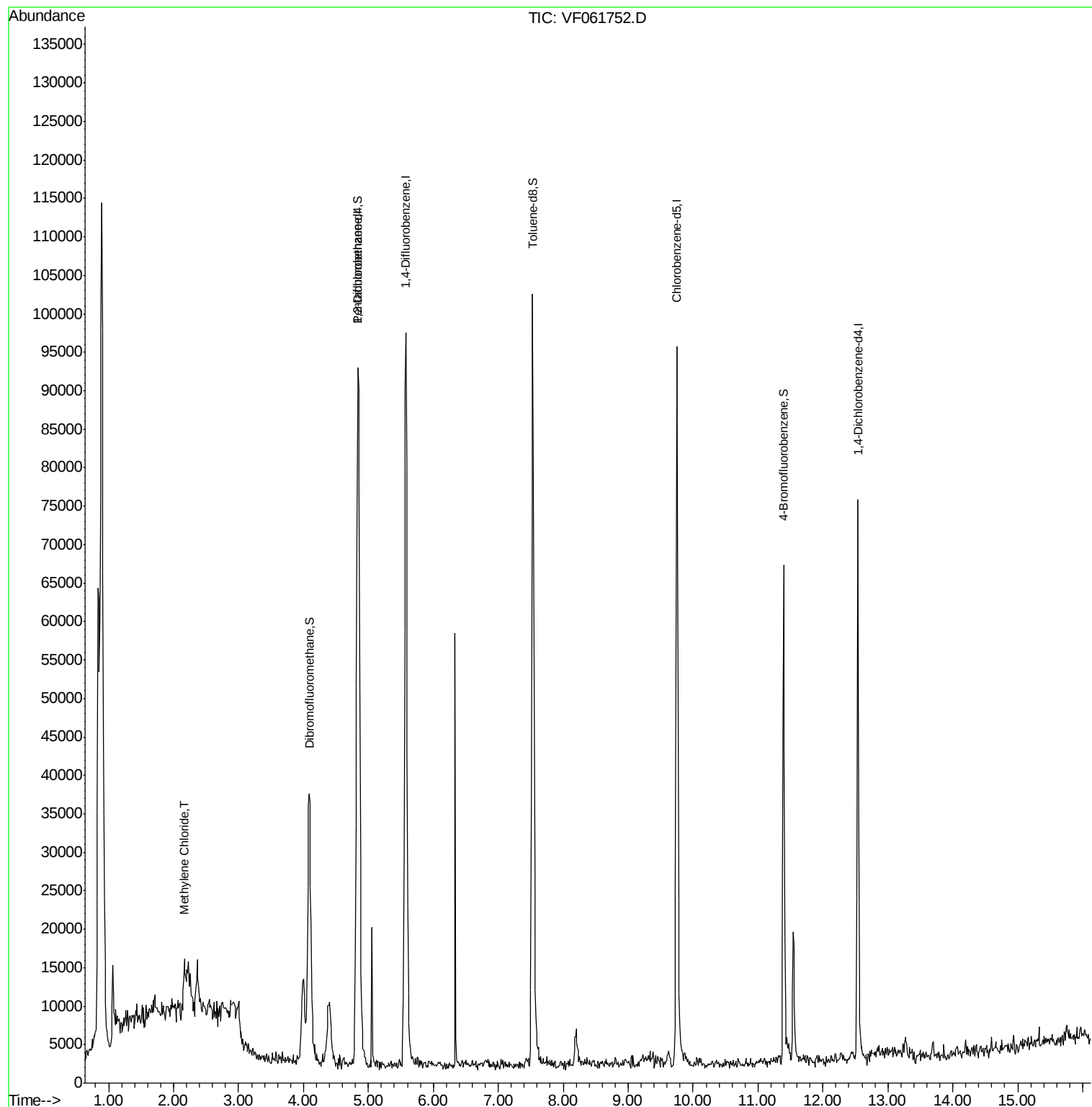
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022619\
Data File : VF061752.D
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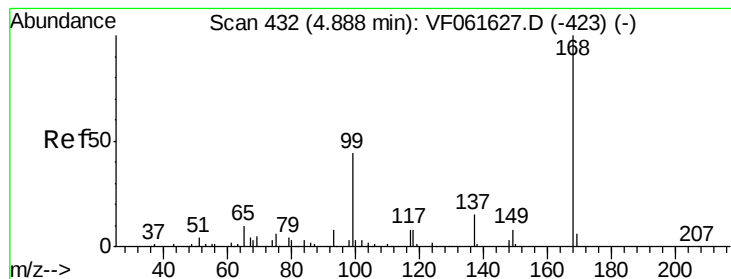
Instrument :
MSVOA_F
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061752.D

Acq: 26 Feb 2019 20:25

Instrument :

MSVOA_F

ClientSampleId :

SB-03-(2-5)

Tot Ion:168 Resp: 93146

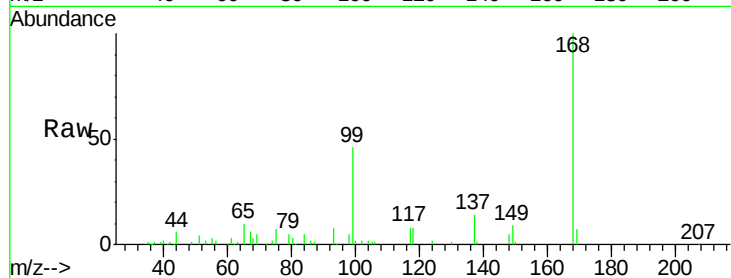
Ion Ratio Lower Upper

168 100

99 45.9 34.9 52.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

30000

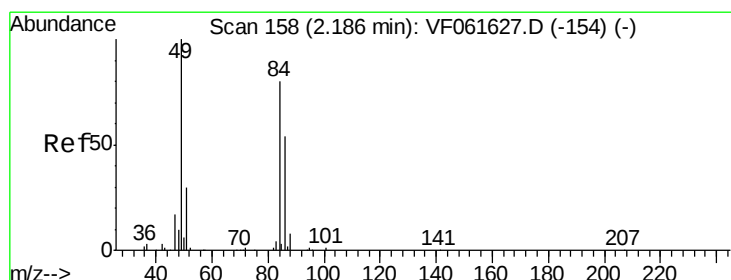
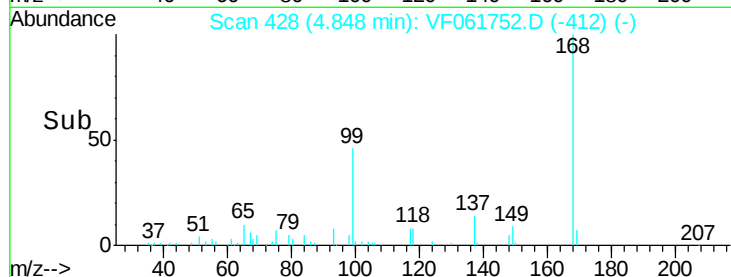
20000

10000

0

4.70 4.80 4.90 5.00

Time-->



#20

Methylene Chloride

Concen: 7.249 ug/l m

RT: 2.17 min Scan# 156

Delta R.T. -0.02 min

Lab File: VF061752.D

Acq: 26 Feb 2019 20:25

Tgt Ion: 84 Resp: 7385

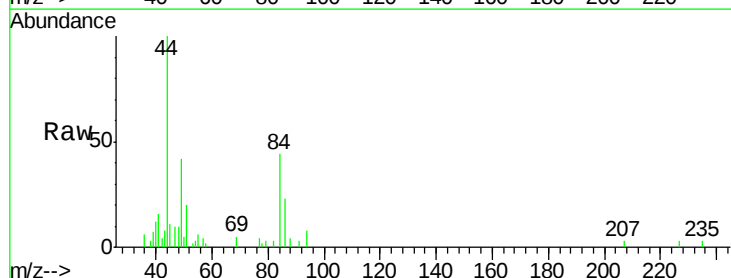
Ion Ratio Lower Upper

84 100

49 96.1 101.8 152.8#

51 44.7 31.1 46.7

86 52.3 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

2.17

2500

2000

1500

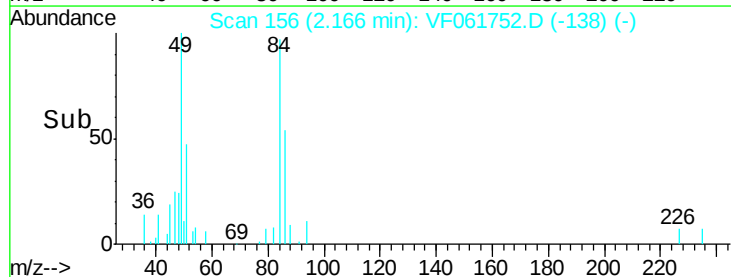
1000

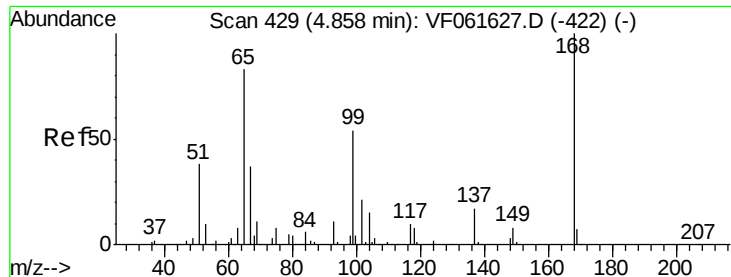
500

0

2.10 2.20 2.30

Time-->





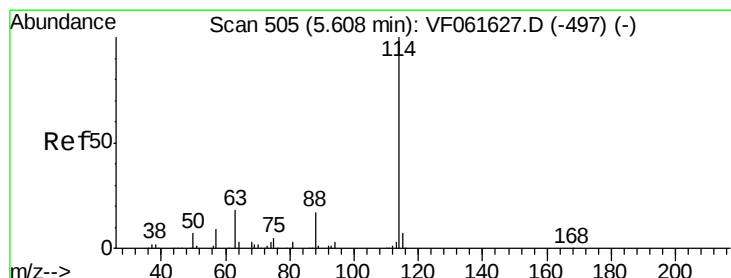
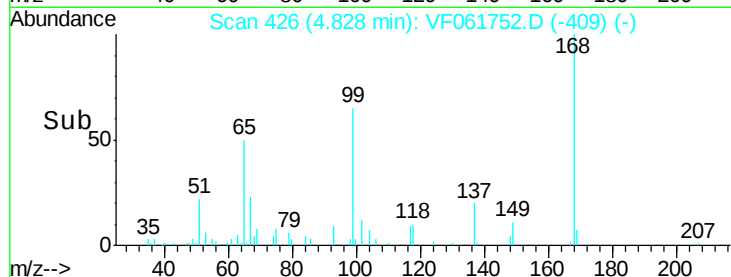
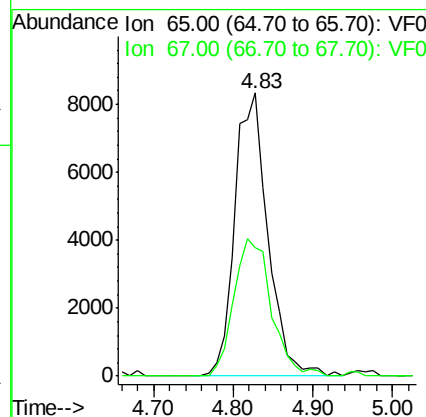
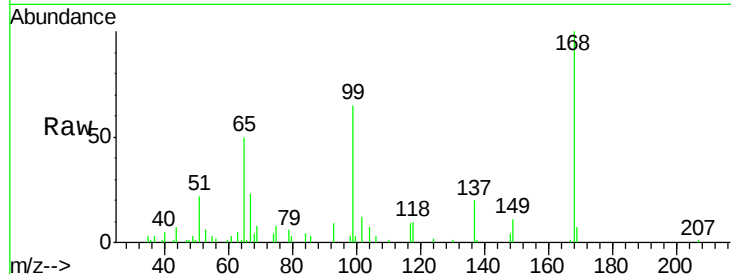
#33
 1,2-Dichloroethane-d4
 Concen: 35.378 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.03 min
 Lab File: VF061752.D
 Acq: 26 Feb 2019 20:25

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-03-(2-5)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	24165		
67	45.5	0.0	104.0	

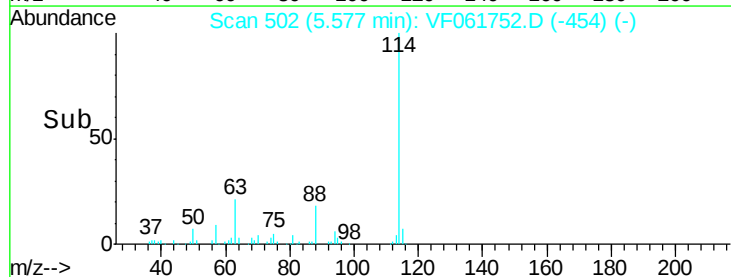
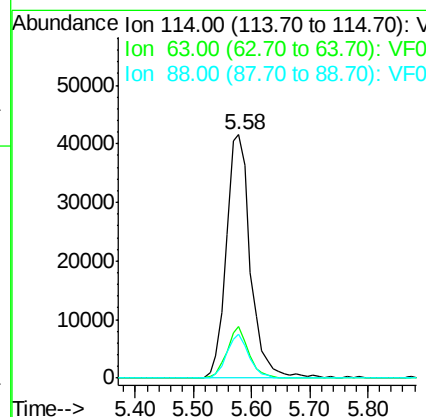
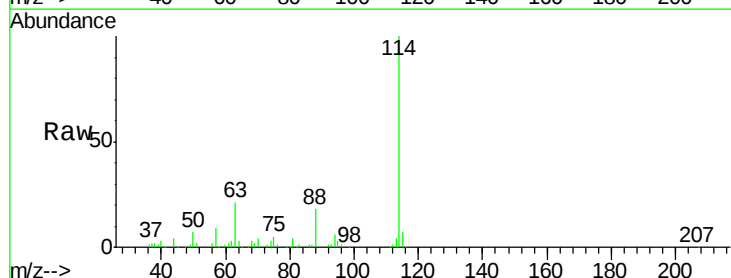
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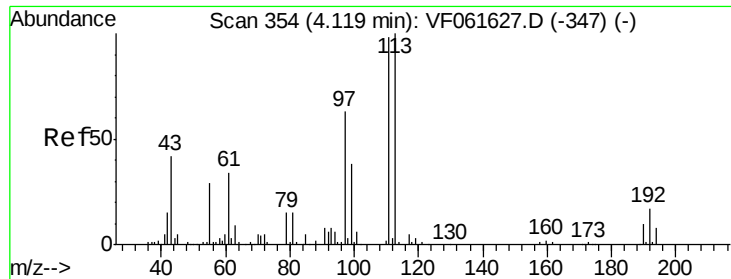
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061752.D
 Acq: 26 Feb 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	119489		
63	21.1	0.0	36.6	
88	18.1	0.0	34.4	





#35

Dibromofluoromethane

Concen: 39.874 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061752.D

Acq: 26 Feb 2019 20:25

Instrument :

MSVOA_F

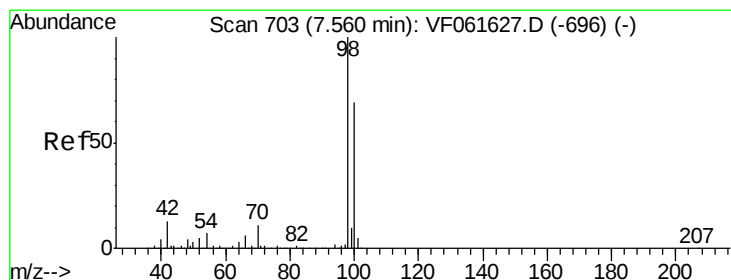
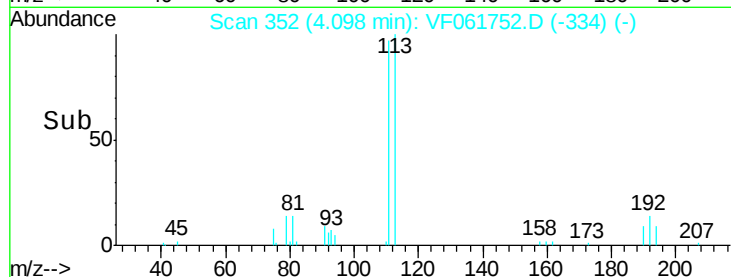
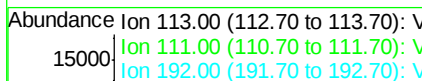
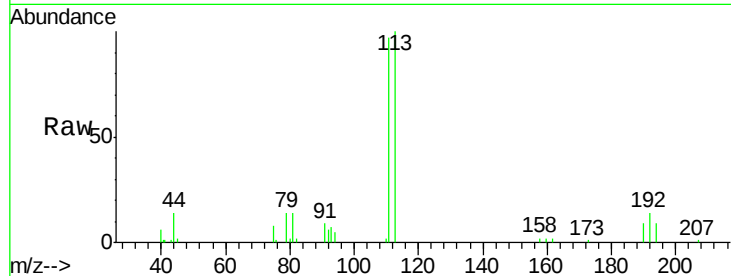
ClientSampleId :

SB-03-(2-5)

Tot Ion:	113	Resp:	35382
Ion	Ratio	Lower	Upper
113	100		
111	96.5	78.8	118.2
192	13.6	13.4	20.0

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#50

Toluene-d8

Concen: 35.457 ug/l

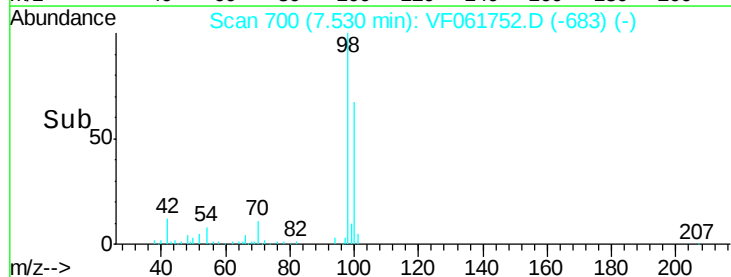
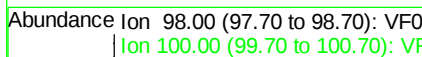
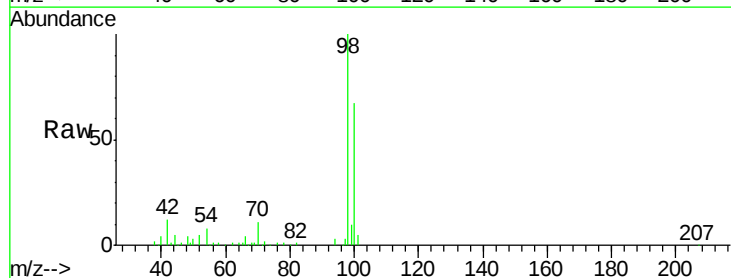
RT: 7.53 min Scan# 700

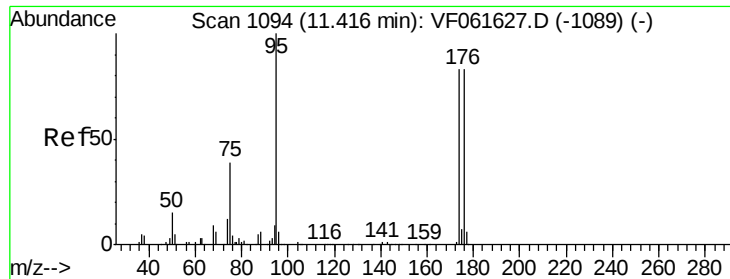
Delta R.T. -0.03 min

Lab File: VF061752.D

Acq: 26 Feb 2019 20:25

Tgt Ion:	98	Resp:	90445
Ion	Ratio	Lower	Upper
98	100		
100	67.0	55.4	83.2





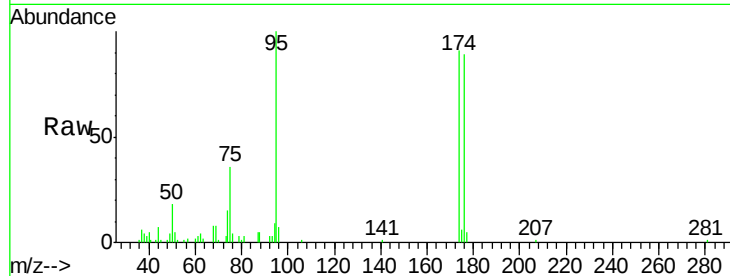
#62
4-Bromofluorobenzene
Concen: 24.561 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061752.D
Acq: 26 Feb 2019 20:25

Instrument :
MSVOA_F
ClientSampleId :
SB-03-(2-5)

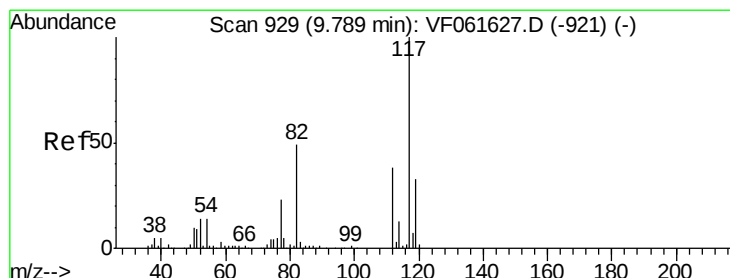
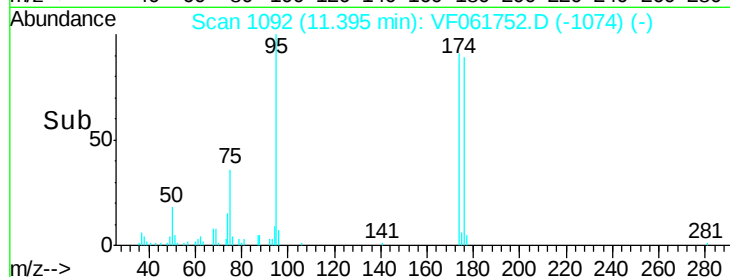
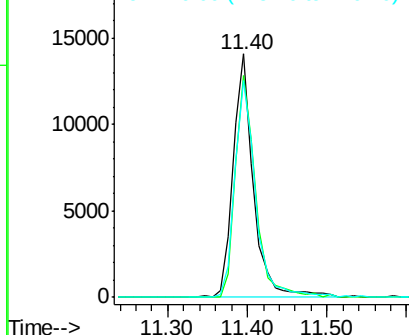
Tot Ion	Ratio	Resp	Lower	Upper
95	100	25350		
174	90.9	0.0	165.8	
176	89.0	0.0	167.0	

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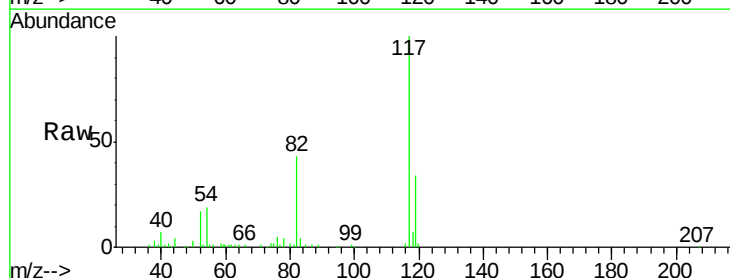


Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

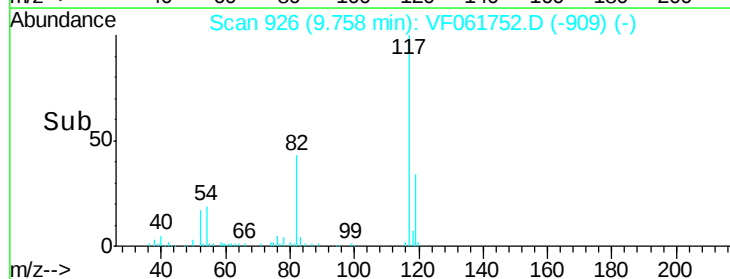
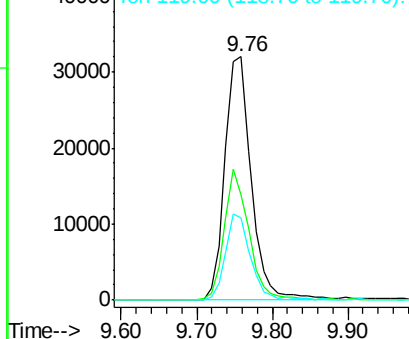


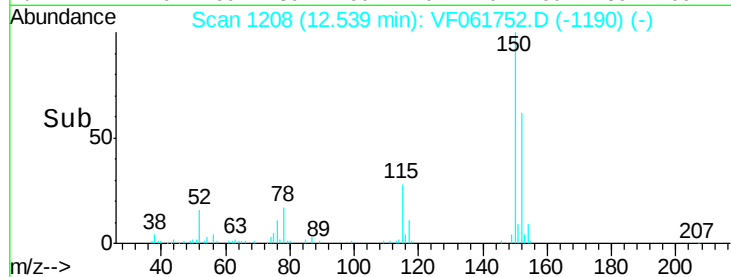
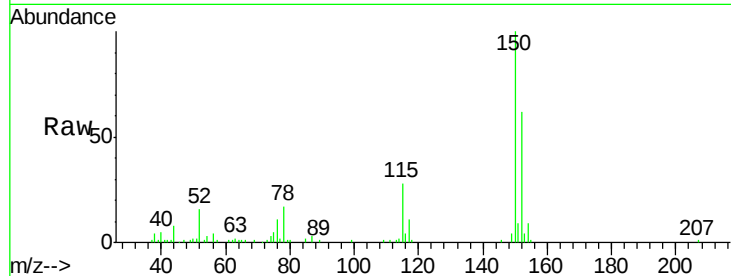
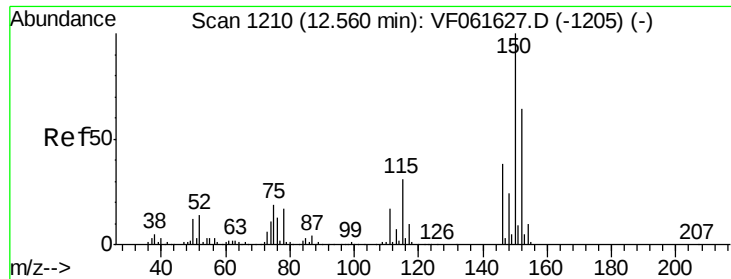
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061752.D
Acq: 26 Feb 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	77813		
82	43.5	39.3	58.9	
119	34.0	26.6	40.0	



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF061752.D

Acq: 26 Feb 2019 20:25

Instrument :

MSVOA_F

ClientSampleId :

SB-03-(2-5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	45.9	24.3	72.8
150	162.0	0.0	312.0

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