

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062055.D
 Acq On : 21 Mar 2019 12:27
 Operator : VA/AP
 Sample : VF0321SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0321SBL01

Manual Integrations
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MMDadoda
 3/23/2019 2:59:10 AM

Quant Time: Mar 22 08:17:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	270366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	422066	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	344002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	197867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	107211	55.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.18%	
35) Dibromofluoromethane	4.11	113	164399	58.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.00%	
50) Toluene-d8	7.55	98	413957	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.41	95	176176	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
Target Compounds						
20) Methylene Chloride	2.18	84	10718m	4.700	ug/l	Qvalue

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

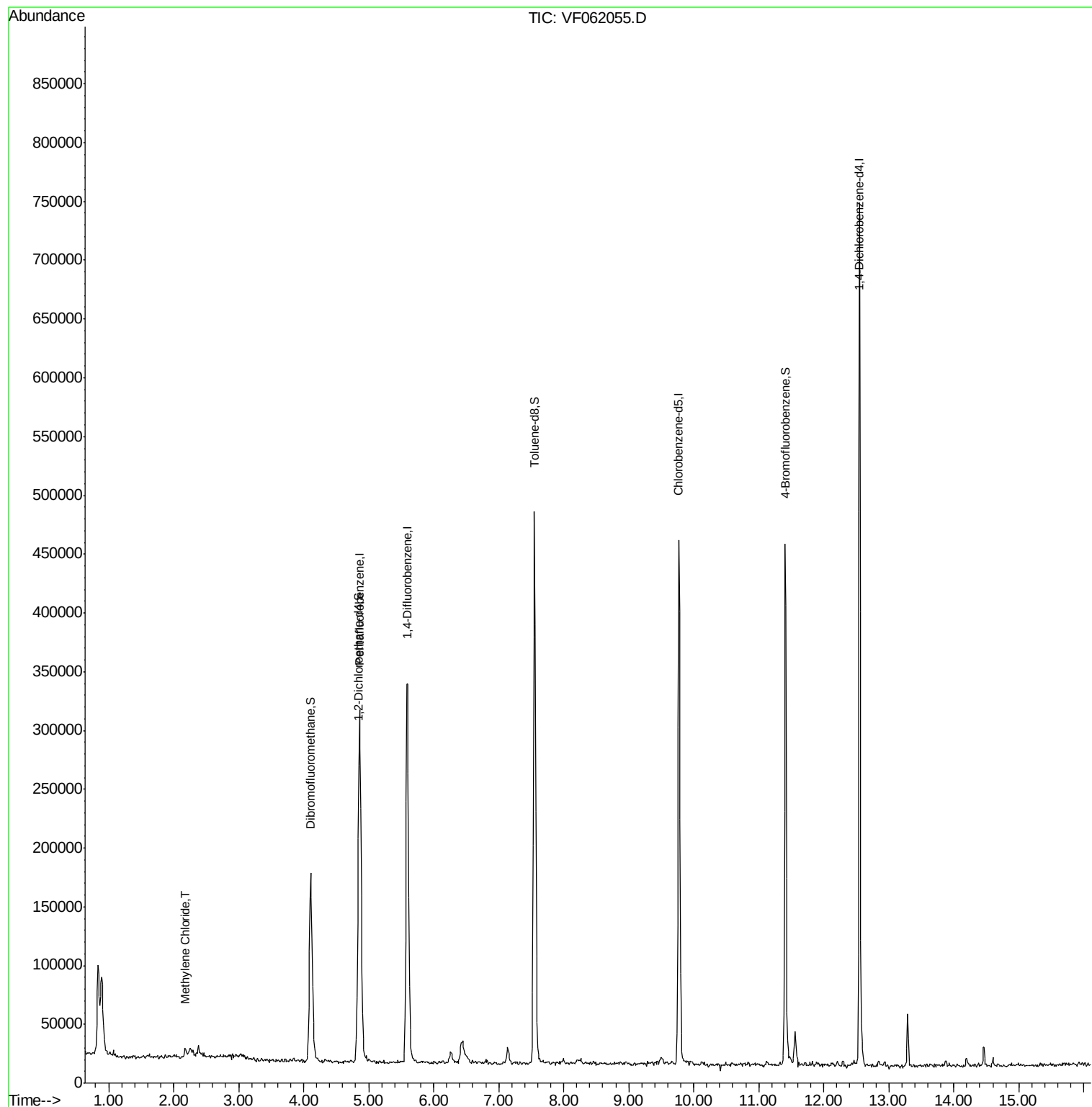
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
Data File : VF062055.D
Acq On : 21 Mar 2019 12:27
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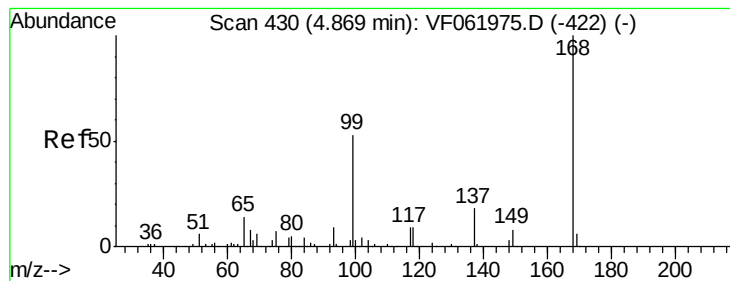
Instrument :
MSVOA_F
ClientSampleId :
VF0321SBL01

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3/23/2019 2:59:10 AM

Quant Time: Mar 22 08:17:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
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: VF062055.D

Acq: 21 Mar 2019 12:27

Instrument :

MSVOA_F

ClientSampleId :

VF0321SBL01

Tot Ion:168 Resp: 270366

Ion Ratio Lower Upper

168 100

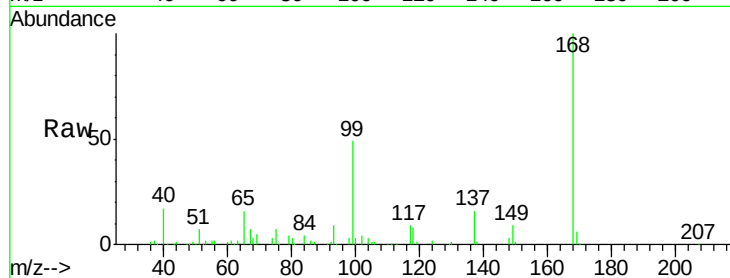
99 49.3 42.4 63.6

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

100000

80000

60000

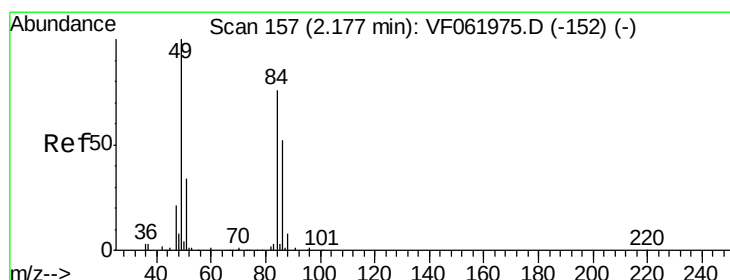
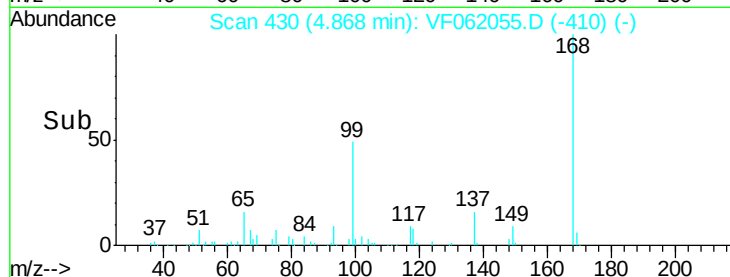
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 4.700 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF062055.D

Acq: 21 Mar 2019 12:27

Tgt Ion: 84 Resp: 10718

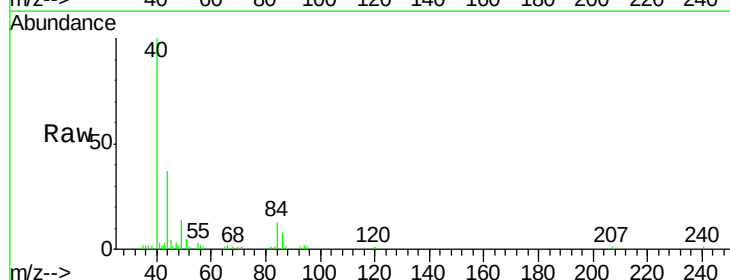
Ion Ratio Lower Upper

84 100

49 109.6 107.0 160.6

51 41.4 37.2 55.8

86 62.1 55.3 82.9



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

3000

2500

2000

1500

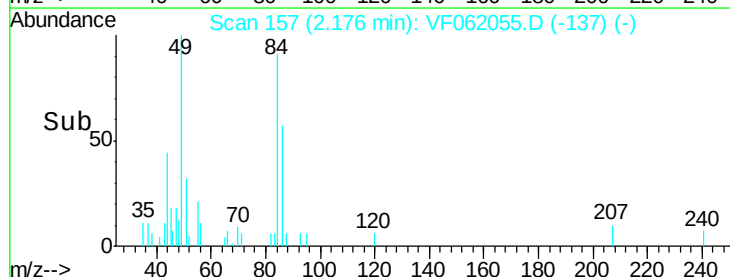
1000

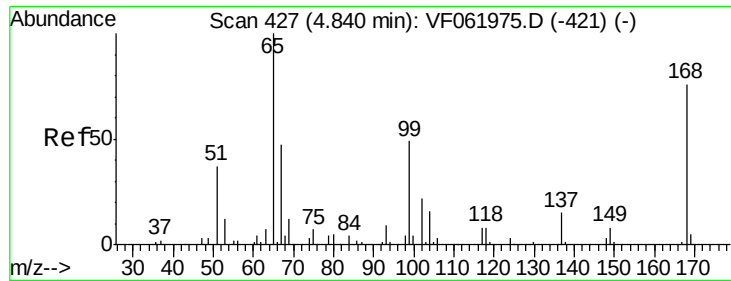
500

0

2.10 2.20 2.30 2.40

Time-->





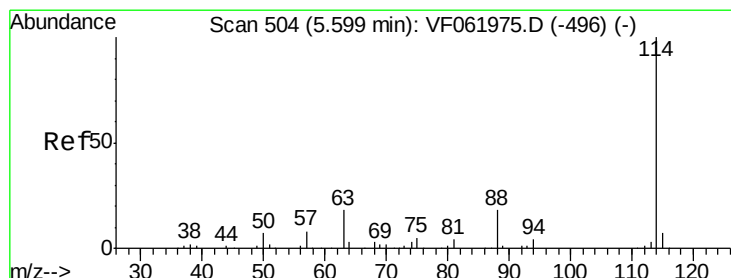
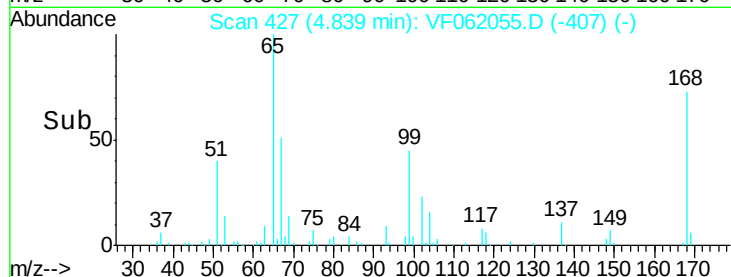
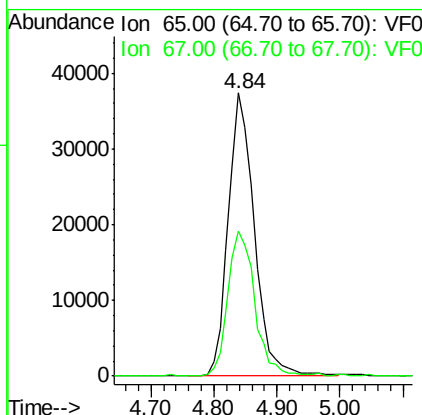
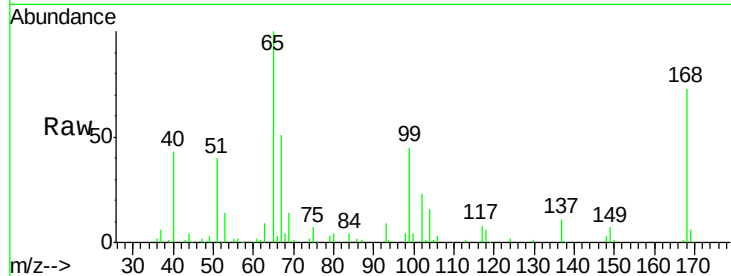
#33
 1,2-Dichloroethane-d4
 Concen: 55.087 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: VF062055.D
 Acq: 21 Mar 2019 12:27

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0321SBL01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	107211		
67	51.4	0.0	109.4	

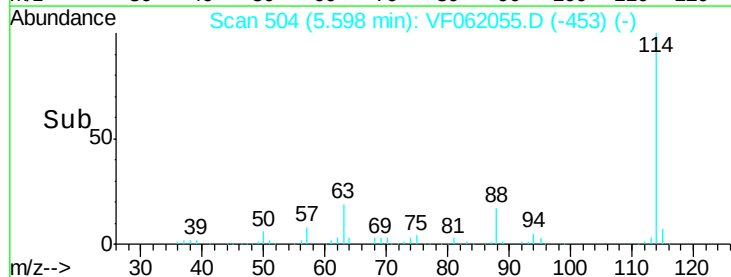
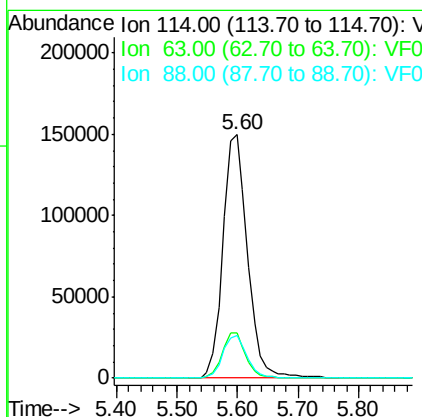
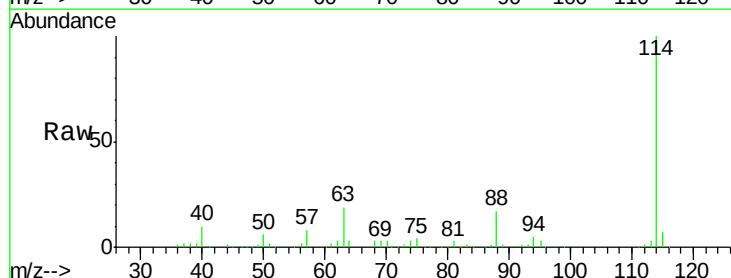
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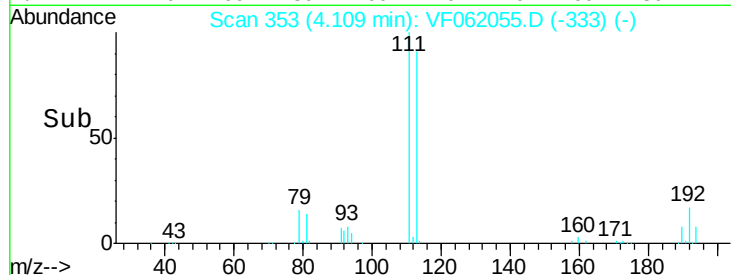
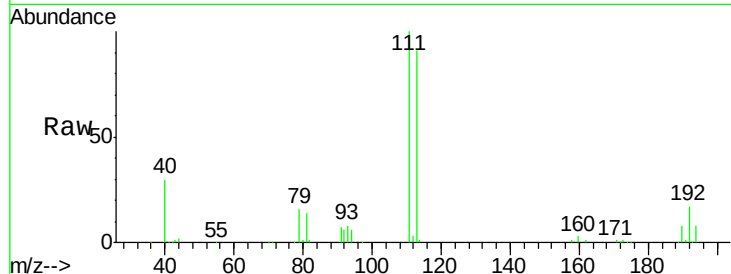
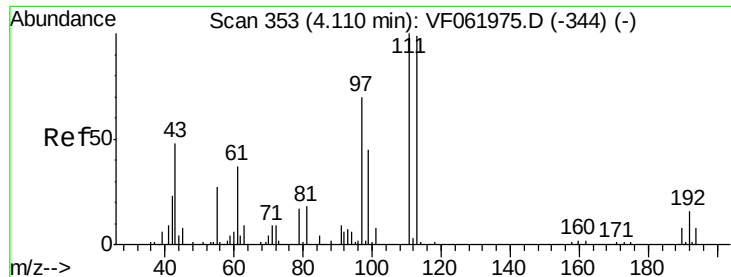
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: VF062055.D
 Acq: 21 Mar 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	422066		
63	18.5	0.0	36.4	
88	17.4	0.0	36.4	





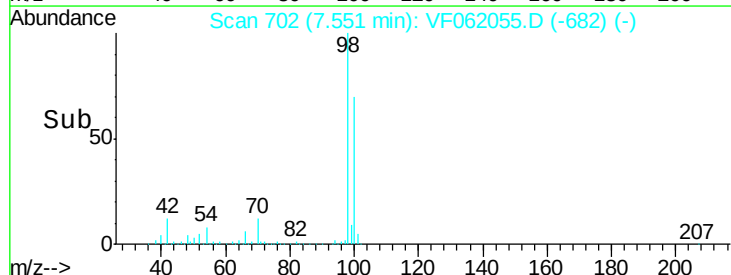
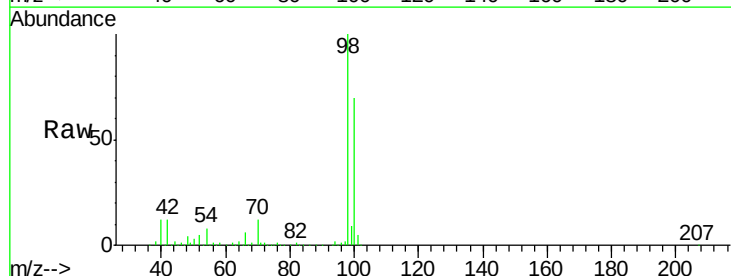
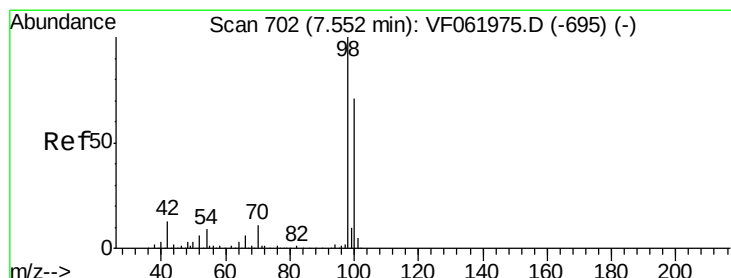
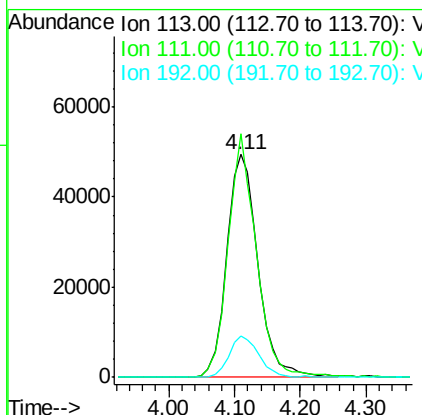
#35
Dibromofluoromethane
Concen: 58.004 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.00 min
Lab File: VF062055.D
Acq: 21 Mar 2019 12:27

Tot Ion	Ratio	Resp	Lower	Upper
113	100	164399		
111	109.3	80.8	121.2	
192	19.1	13.0	19.6	

Instrument :
MSVOA_F
ClientSampleId :
VF0321SBL01

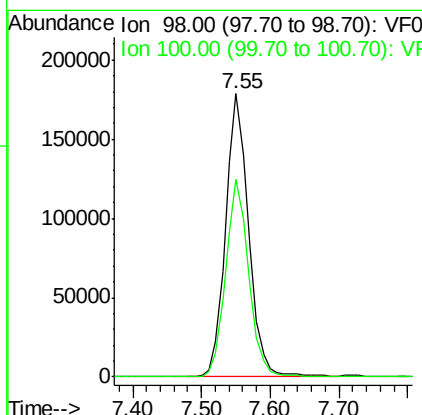
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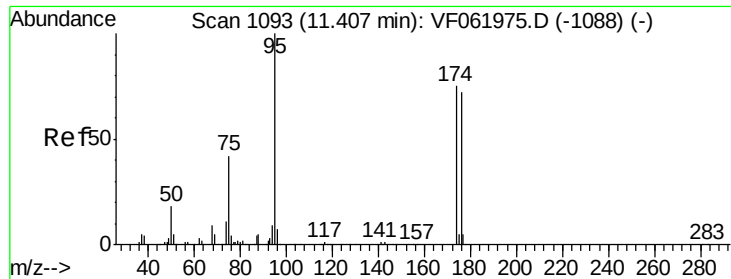
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#50
Toluene-d8
Concen: 49.962 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF062055.D
Acq: 21 Mar 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	413957		
100	69.9	56.8	85.2	





#62

4-Bromofluorobenzene

Concen: 53.525 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF062055.D

Acq: 21 Mar 2019 12:27

Instrument :

MSVOA_F

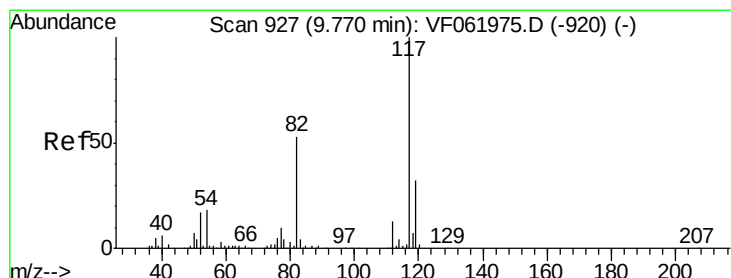
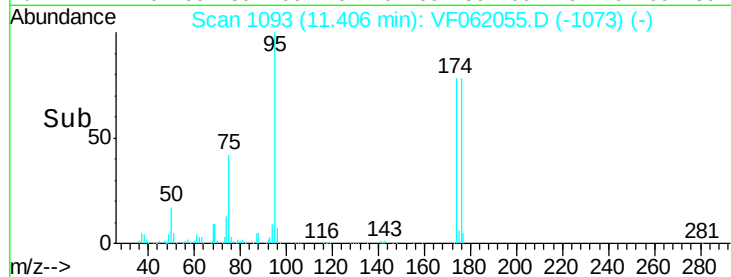
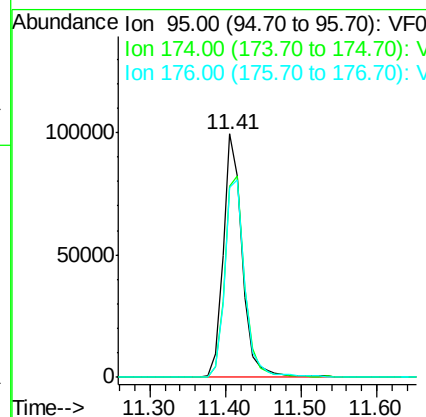
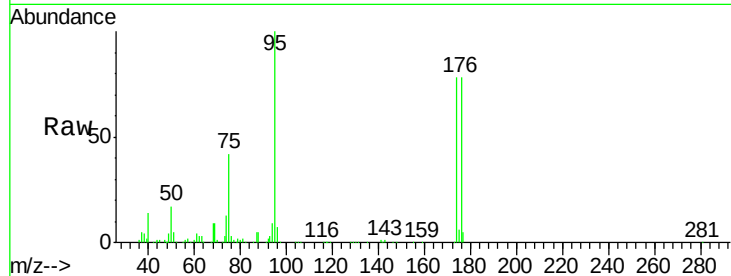
ClientSampled :

VF0321SBL01

Tot Ion:	95	Resp:	176176
Ion Ratio	Lower	Upper	
95	100		
174	78.5	0.0	149.4
176	78.2	0.0	143.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

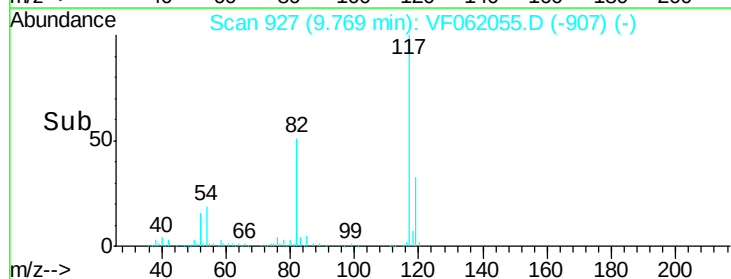
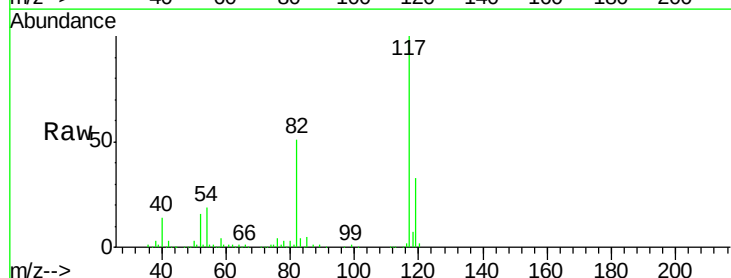
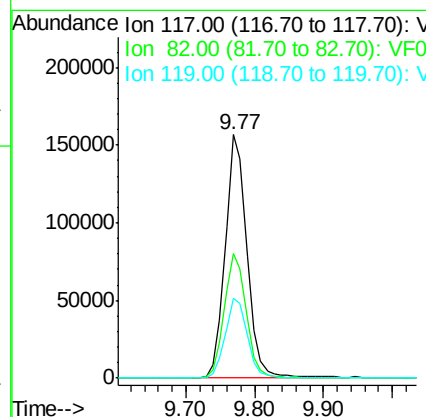
RT: 9.77 min Scan# 927

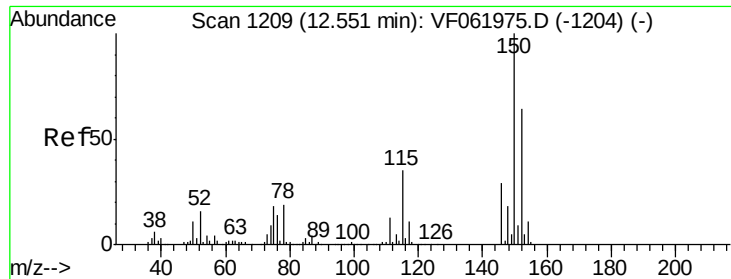
Delta R.T. -0.00 min

Lab File: VF062055.D

Acq: 21 Mar 2019 12:27

Tgt Ion:	117	Resp:	344002
Ion Ratio	Lower	Upper	
117	100		
82	50.9	42.5	63.7
119	32.5	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.00 min

Lab File: VF062055.D

Acq: 21 Mar 2019 12:27

Instrument :

MSVOA_F

ClientSampleId :

VF0321SBL01

Tot Ion:152 Resp: 197867

Ion Ratio Lower Upper

152 100

115 54.8 27.3 81.9

150 156.9 0.0 316.2

Manual Integrations

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