

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074547.D
 Acq On : 17 Sep 2022 06:58
 Operator : JC\MD
 Sample : N4549-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-63

Quant Time: Sep 19 02:19:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

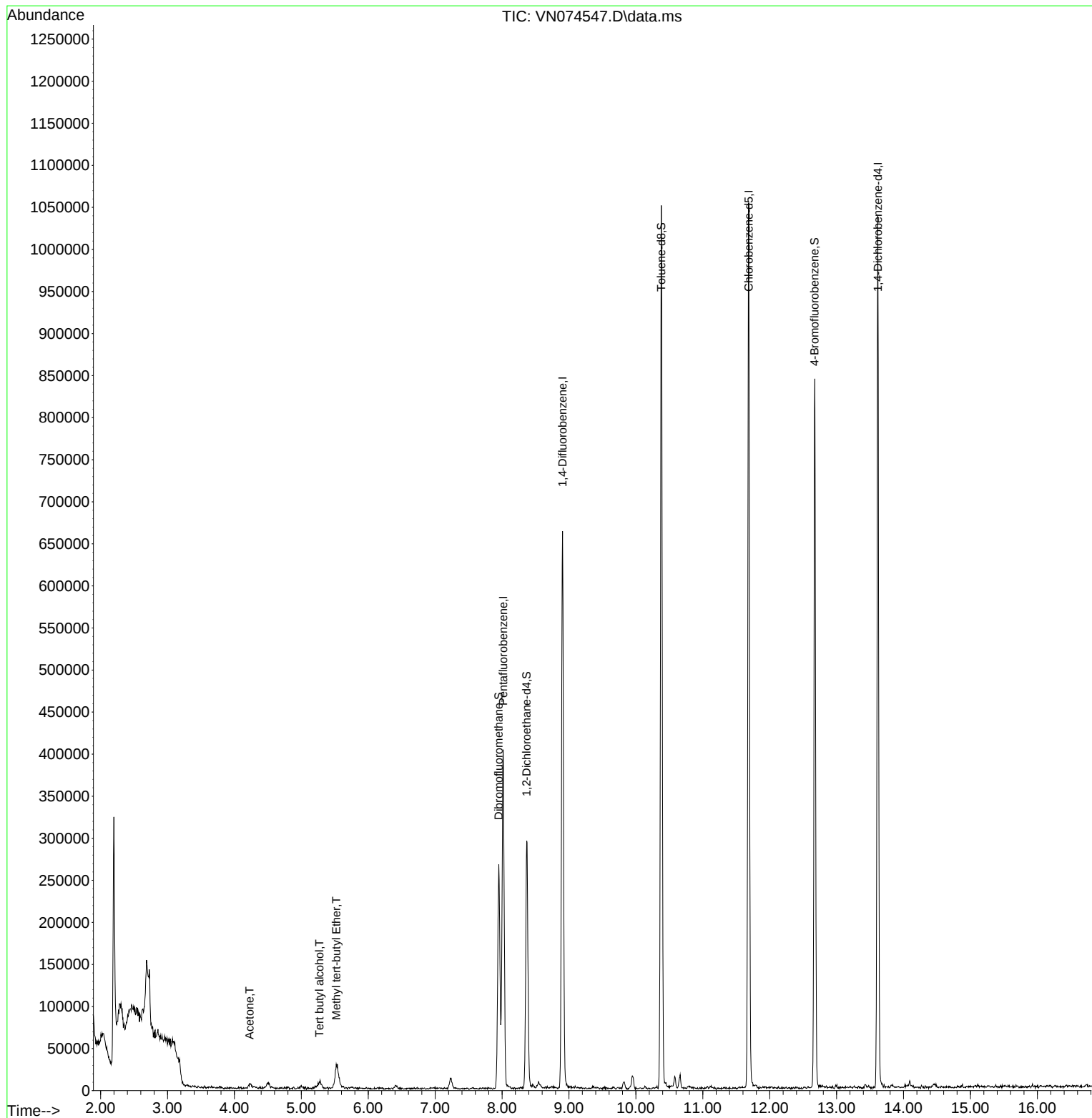
Internal Standards						
1) Pentafluorobenzene	8.016	168	273025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	536784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	543056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	233174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	228083	49.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.480%
35) Dibromofluoromethane	7.951	113	184493	51.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.480%
50) Toluene-d8	10.380	98	669046	48.516	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.669	95	255414	54.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.269	59	15656	10.375	ug/l #	77
16) Acetone	4.228	43	8743	2.949	ug/l	93
19) Methyl tert-butyl Ether	5.522	73	39150	2.583	ug/l #	87

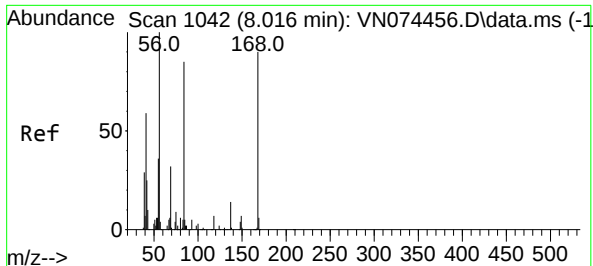
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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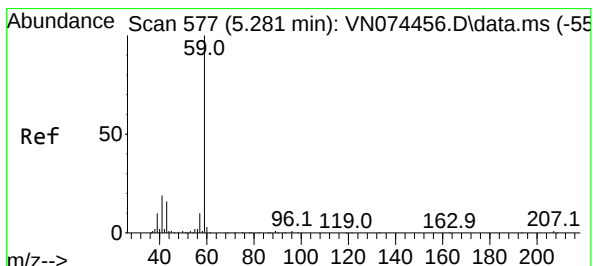
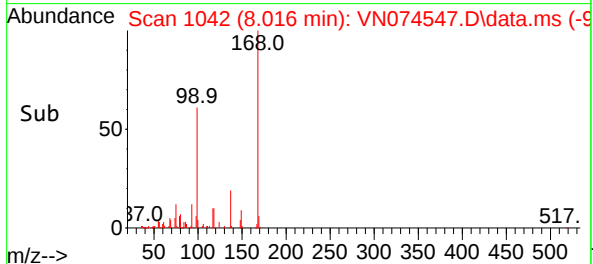
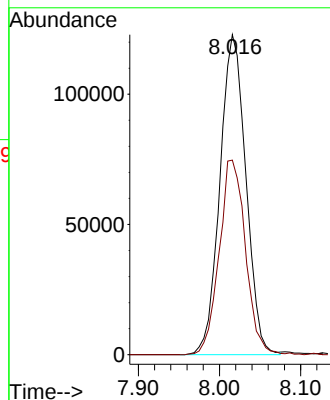
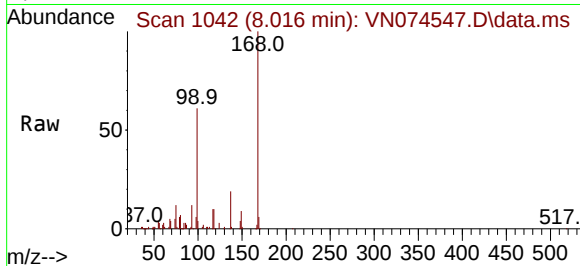




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

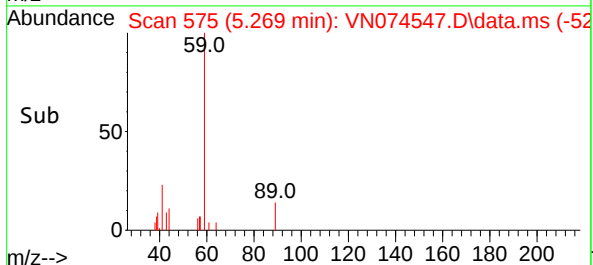
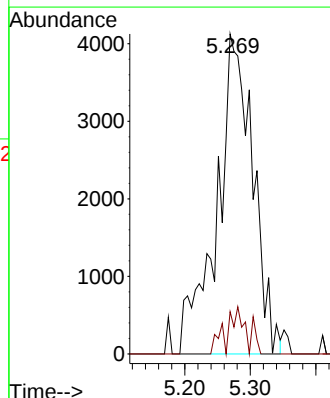
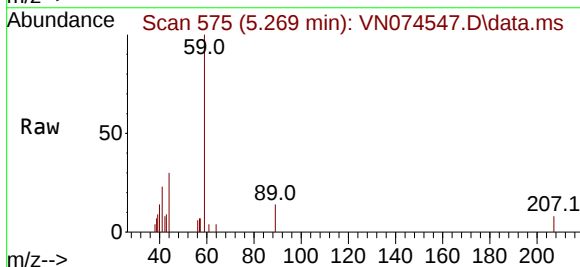
Instrument :
MSVOA_N
ClientSampleId :
MW-63

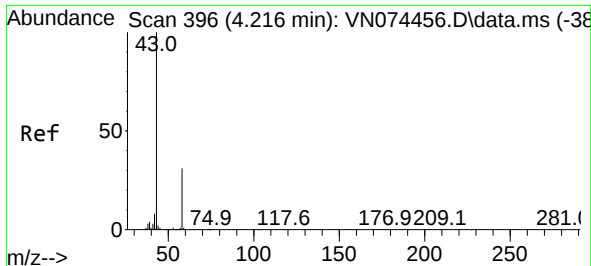
Tgt Ion:168 Resp: 273025
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5



#11
Tert butyl alcohol
Concen: 10.375 ug/l
RT: 5.269 min Scan# 575
Delta R.T. -0.012 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 59 Resp: 15656
Ion Ratio Lower Upper
59 100
57 1.9 8.3 12.5#





#16

Acetone

Concen: 2.949 ug/l

RT: 4.228 min Scan# 396

Delta R.T. 0.012 min

Lab File: VN074547.D

Acq: 17 Sep 2022 06:58

Instrument :

MSVOA_N

ClientSampleId :

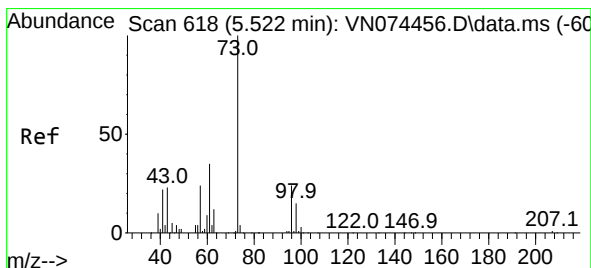
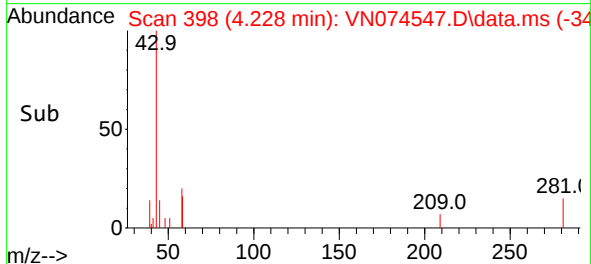
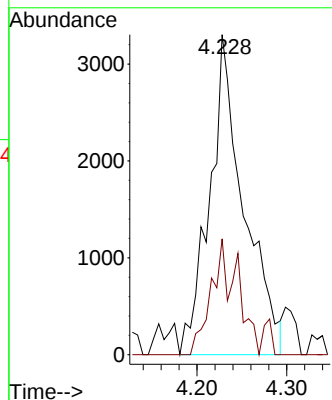
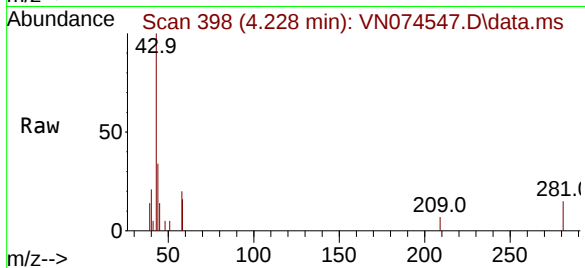
MW-63

Tgt Ion: 43 Resp: 8743

Ion Ratio Lower Upper

43 100

58 36.2 26.0 39.0



#19

Methyl tert-butyl Ether

Concen: 2.583 ug/l

RT: 5.522 min Scan# 618

Delta R.T. -0.000 min

Lab File: VN074547.D

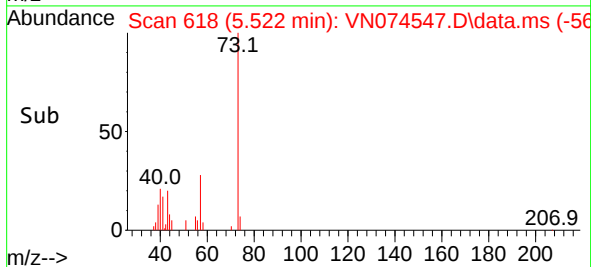
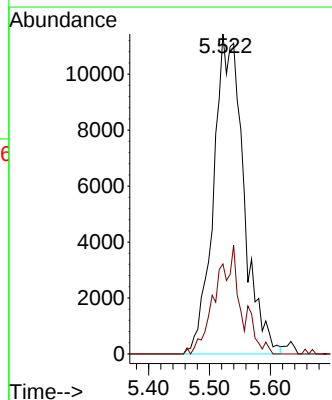
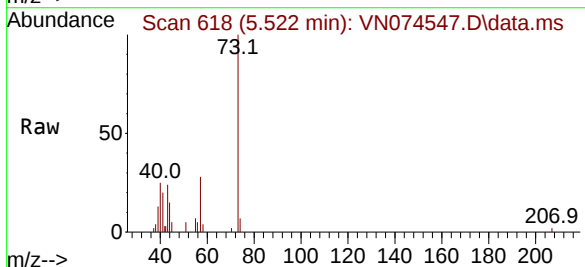
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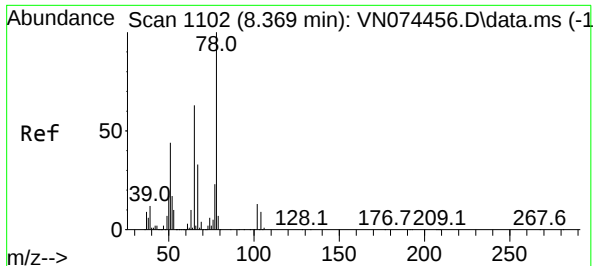
Tgt Ion: 73 Resp: 39150

Ion Ratio Lower Upper

73 100

57 28.1 17.6 26.4#





#33

1,2-Dichloroethane-d4

Concen: 49.235 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074547.D

Acq: 17 Sep 2022 06:58

Instrument :

MSVOA_N

ClientSampleId :

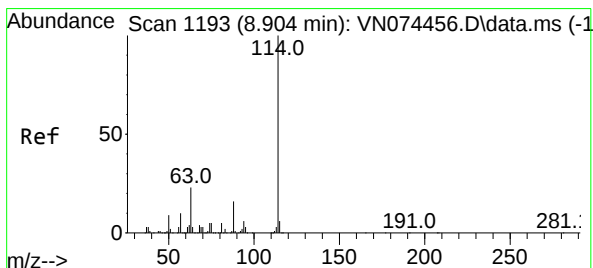
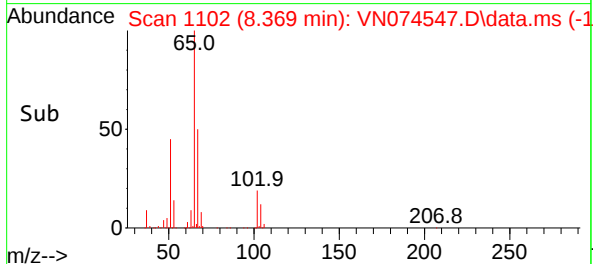
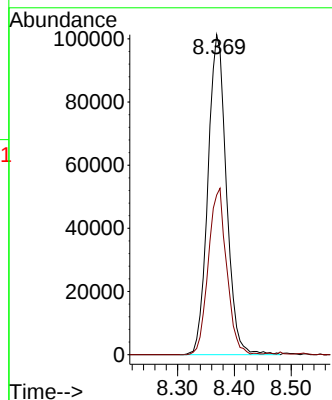
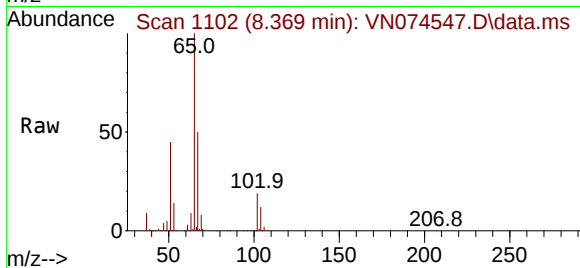
MW-63

Tgt Ion: 65 Resp: 228083

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074547.D

Acq: 17 Sep 2022 06:58

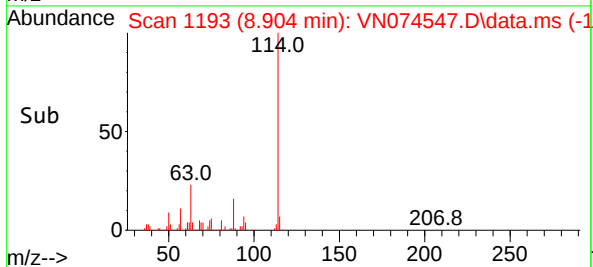
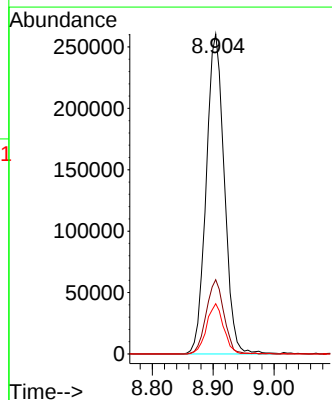
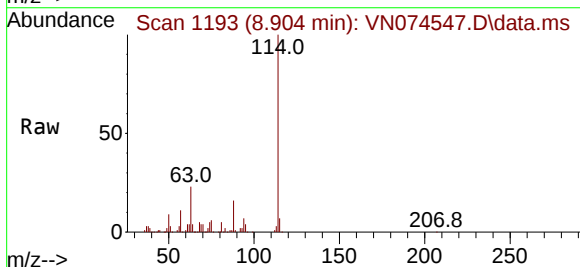
Tgt Ion: 114 Resp: 536784

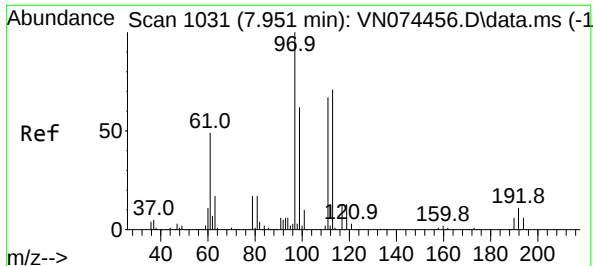
Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.740 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074547.D

Acq: 17 Sep 2022 06:58

Instrument :

MSVOA_N

ClientSampleId :

MW-63

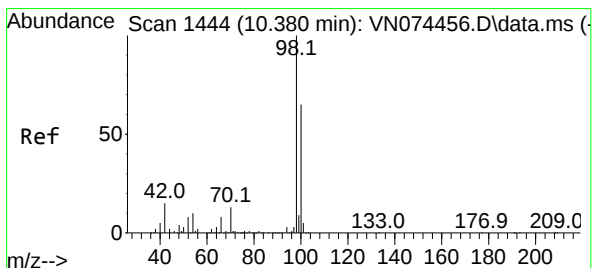
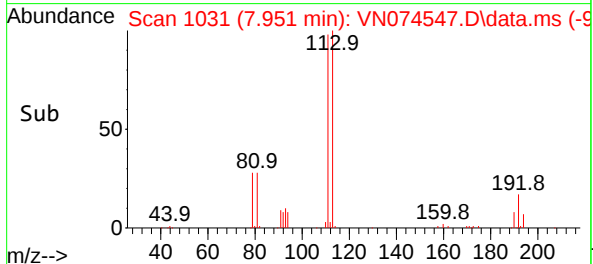
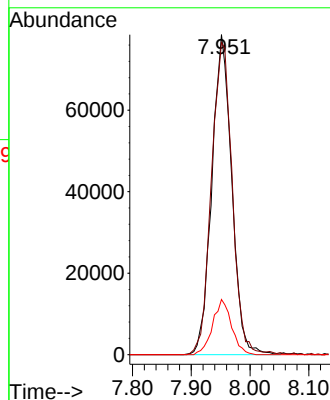
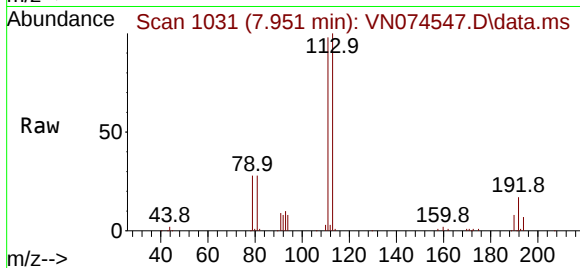
Tgt Ion:113 Resp: 184493

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 16.4 17.0 25.6#



#50

Toluene-d8

Concen: 48.516 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074547.D

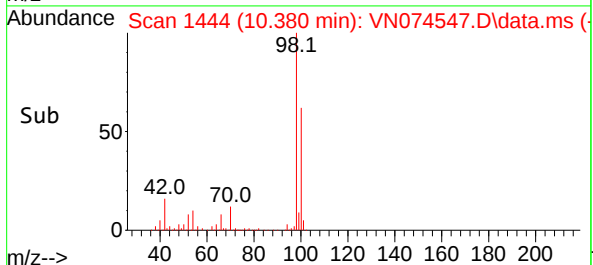
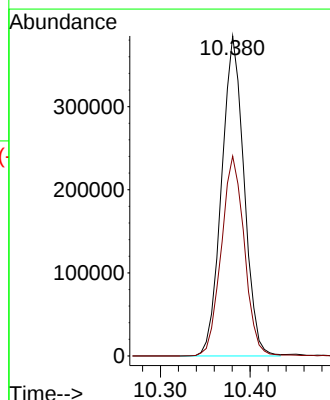
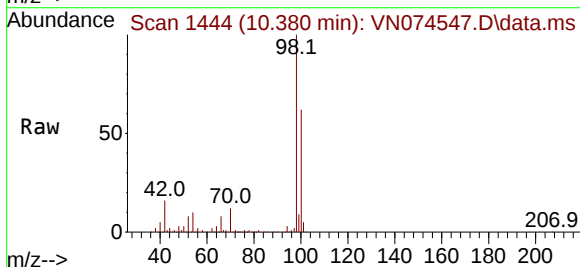
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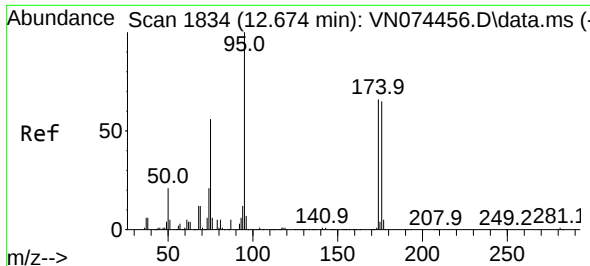
Tgt Ion: 98 Resp: 669046

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8

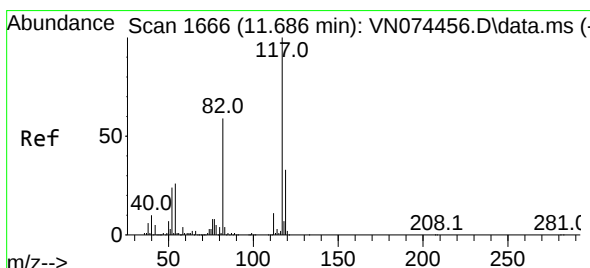
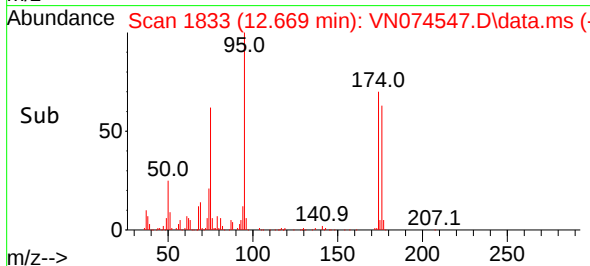
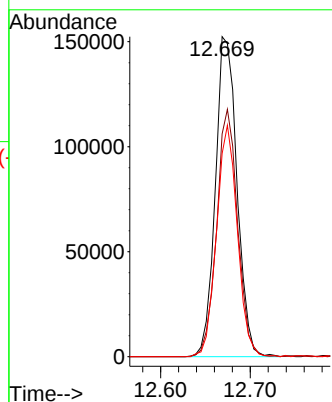
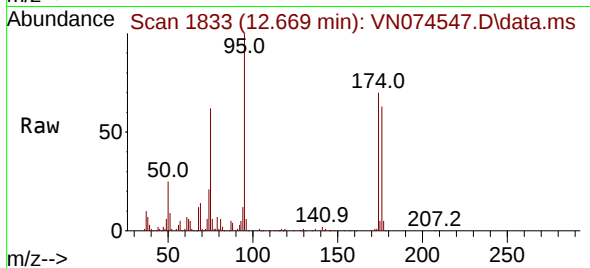




#62
4-Bromofluorobenzene
Concen: 54.078 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

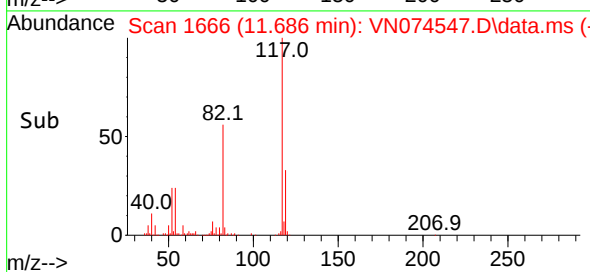
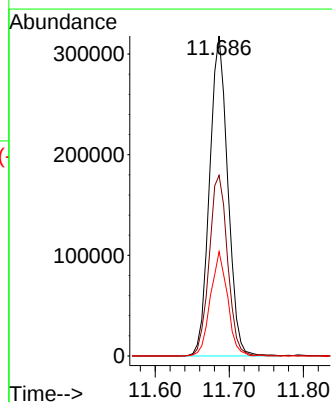
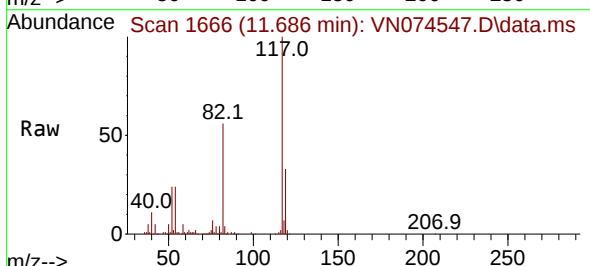
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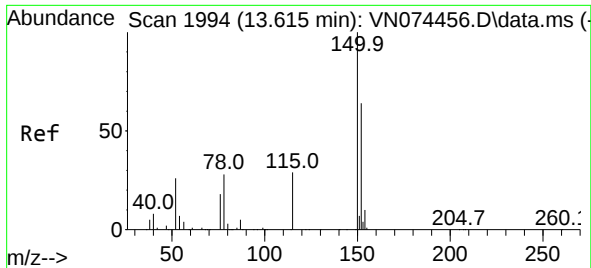
Tgt Ion: 95 Resp: 255414
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 69.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 117 Resp: 543056
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 32.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074547.D

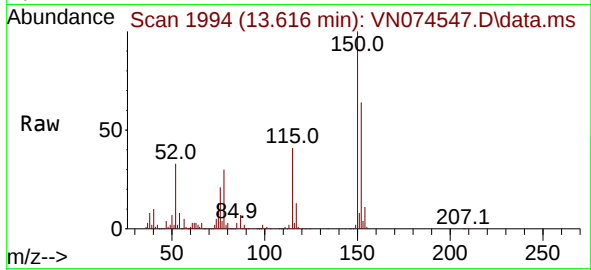
Acq: 17 Sep 2022 06:58

Instrument :

MSVOA_N

ClientSampleId :

MW-63



Tgt Ion:152 Resp: 233174

Ion Ratio Lower Upper

152 100

115 62.3 28.9 86.7

150 160.4 0.0 356.2

