

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074249.D
 Acq On : 01 Sep 2022 17:57
 Operator : JC\MD
 Sample : N4329-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34

Quant Time: Sep 02 05:40:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

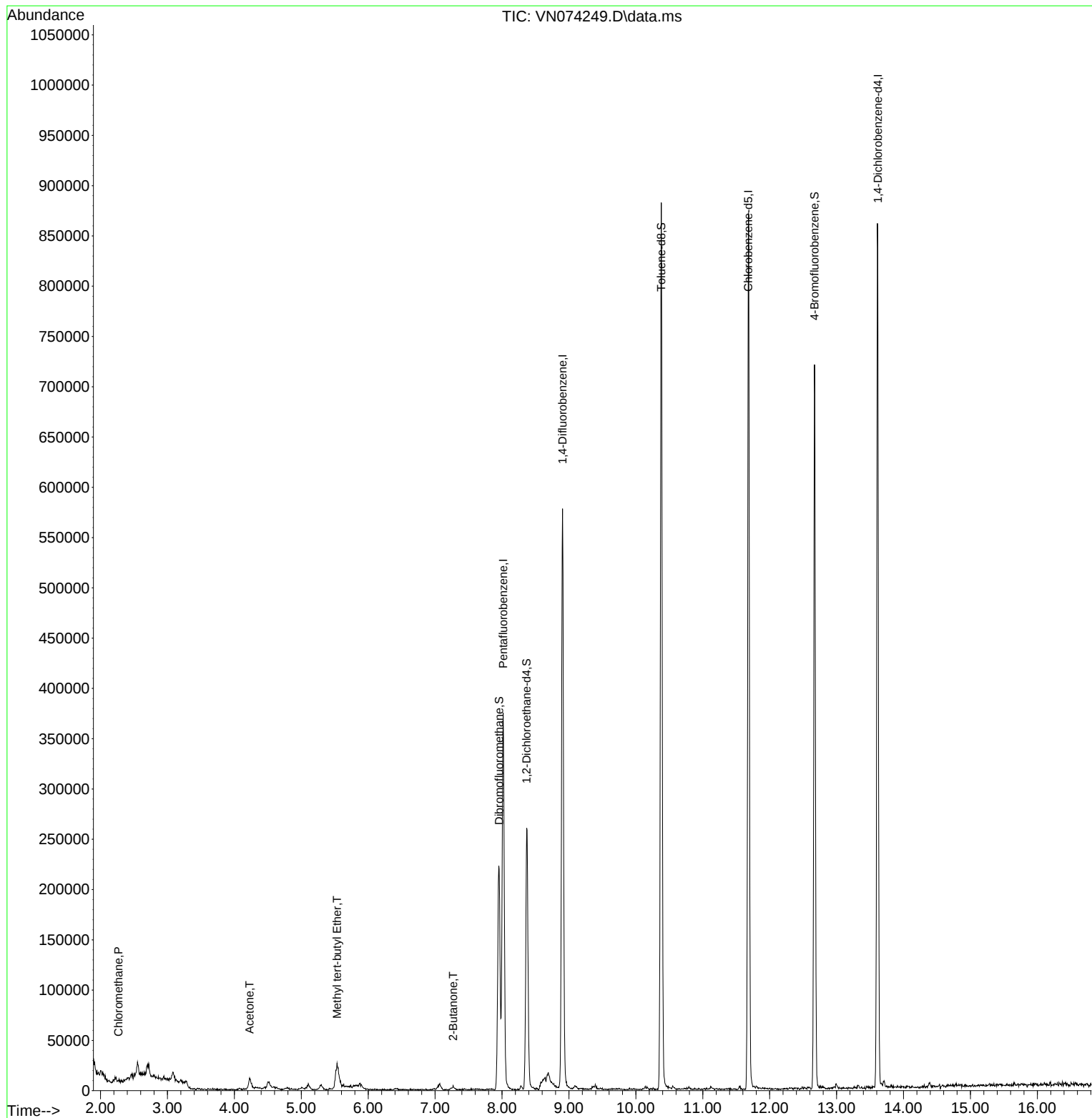
Internal Standards						
1) Pentafluorobenzene	8.016	168	257120	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	474406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	465770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	213231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	204008	51.148	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.300%
35) Dibromofluoromethane	7.957	113	163998	53.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.240%
50) Toluene-d8	10.381	98	578714	47.602	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.669	95	228543	61.817	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	123.640%#
Target Compounds						
						Qvalue
3) Chloromethane	2.269	50	1211	0.323	ug/l	90
16) Acetone	4.228	43	19515	7.322	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	33157	2.973	ug/l #	65
25) 2-Butanone	7.269	43	4976	1.167	ug/l	99

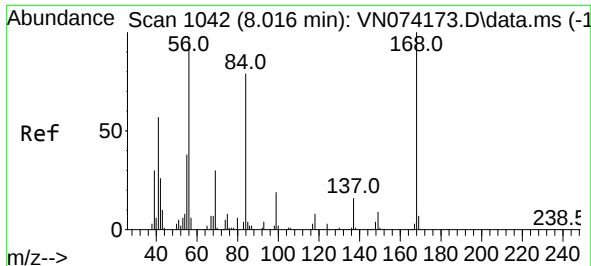
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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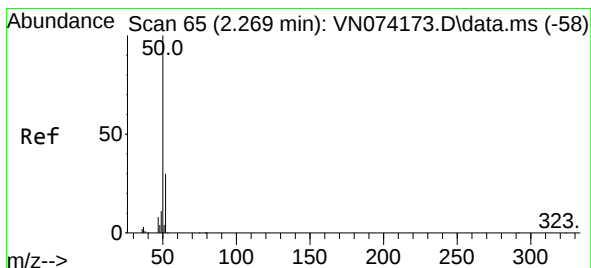
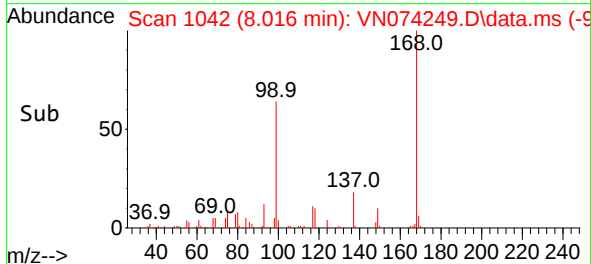
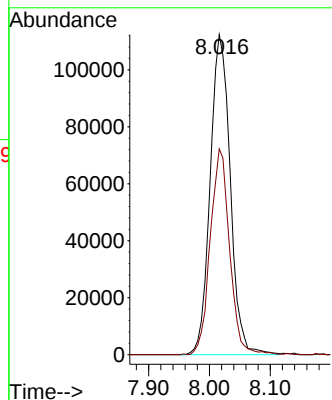
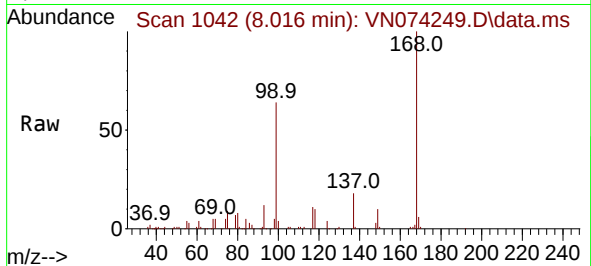




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074249.D
Acq: 01 Sep 2022 17:57

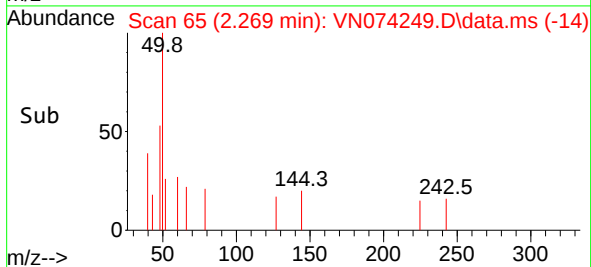
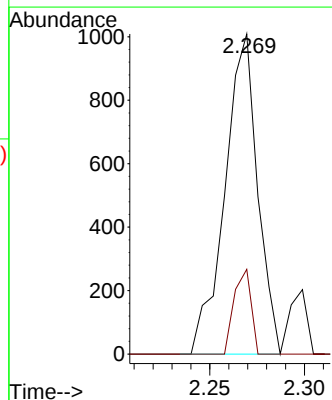
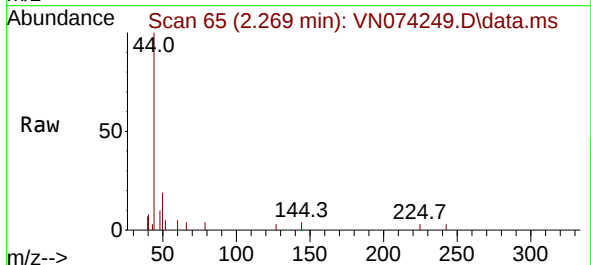
Instrument :
MSVOA_N
ClientSampleId :
MW-34

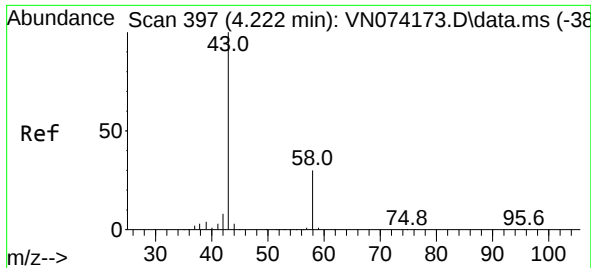
Tgt Ion:168 Resp: 257120
Ion Ratio Lower Upper
168 100
99 64.3 42.3 63.5#



#3
Chloromethane
Concen: 0.323 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074249.D
Acq: 01 Sep 2022 17:57

Tgt Ion: 50 Resp: 1211
Ion Ratio Lower Upper
50 100
52 26.5 25.7 38.5

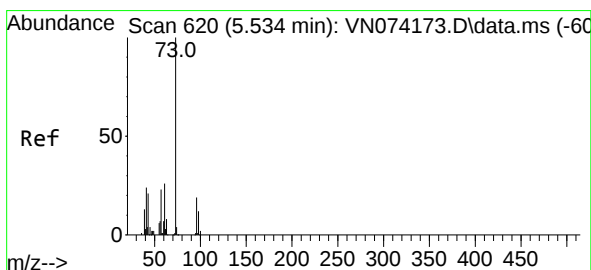
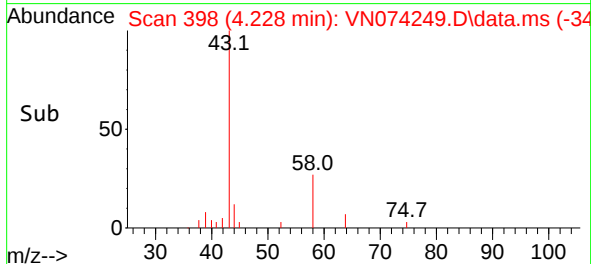
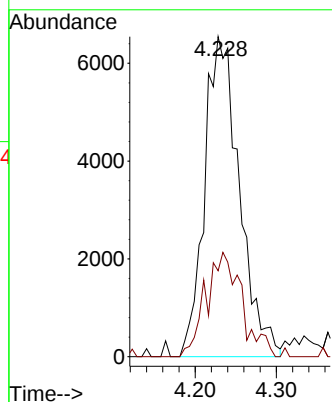
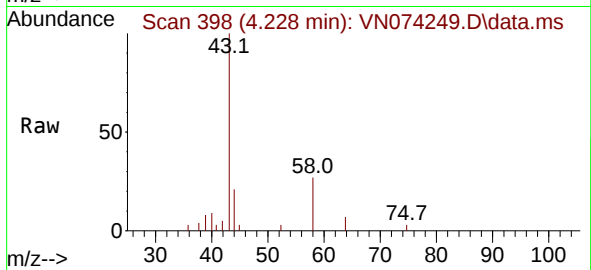




#16
Acetone
Concen: 7.322 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074249.D
Acq: 01 Sep 2022 17:57

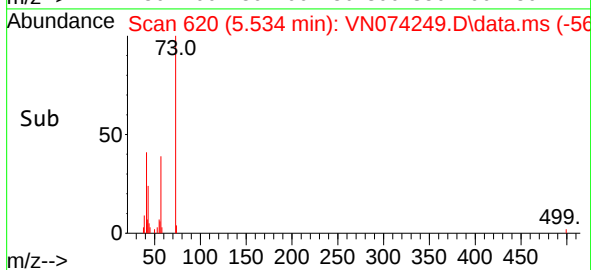
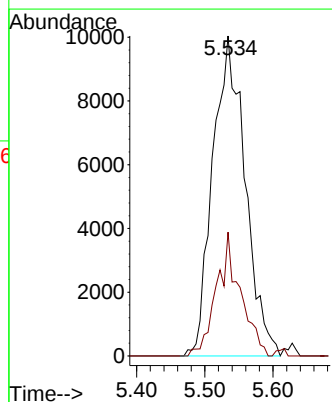
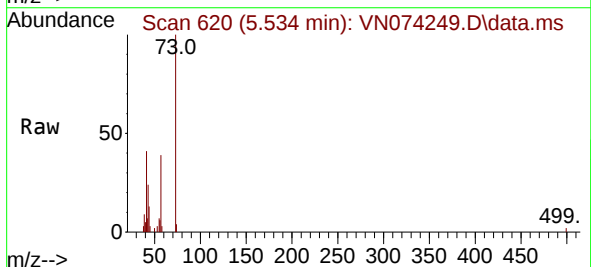
Instrument :
MSVOA_N
ClientSampleId :
MW-34

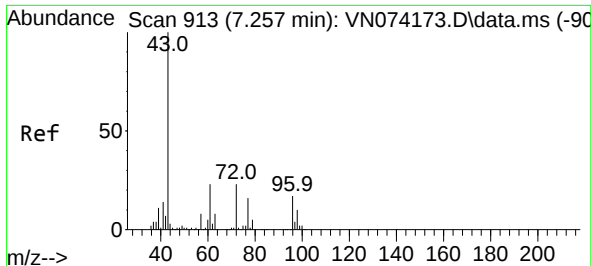
Tgt Ion: 43 Resp: 19515
Ion Ratio Lower Upper
43 100
58 26.9 26.0 39.0



#19
Methyl tert-butyl Ether
Concen: 2.973 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN074249.D
Acq: 01 Sep 2022 17:57

Tgt Ion: 73 Resp: 33157
Ion Ratio Lower Upper
73 100
57 38.7 17.6 26.4#

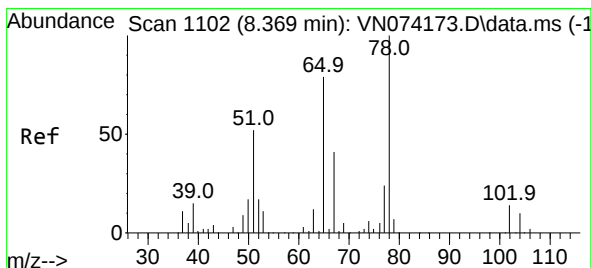
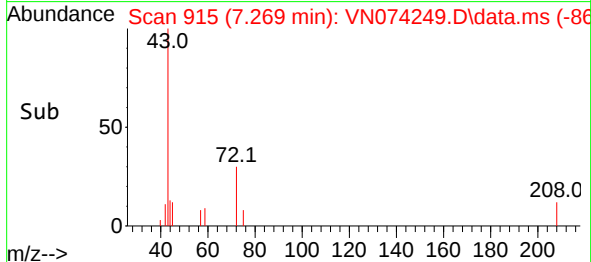
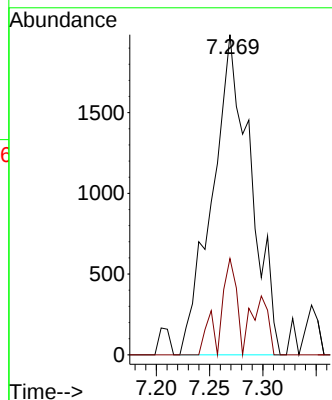
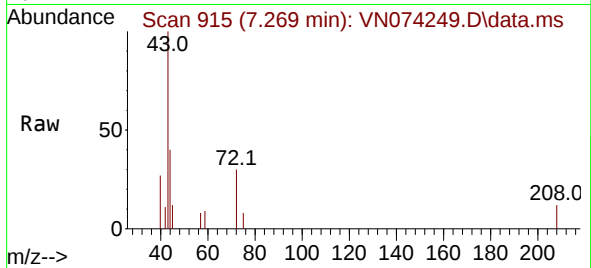




#25
2-Butanone
Concen: 1.167 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN074249.D
Acq: 01 Sep 2022 17:57

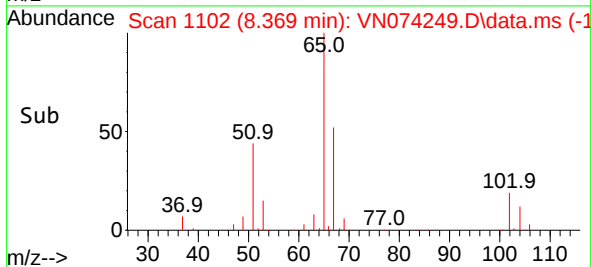
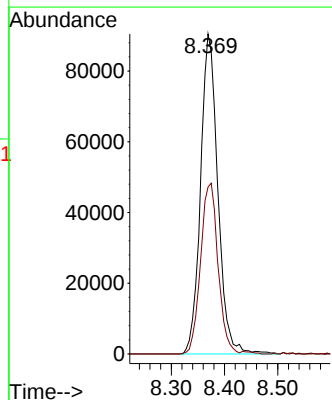
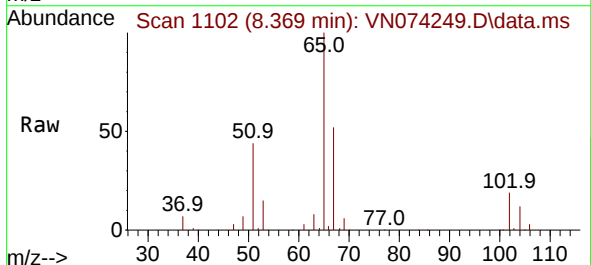
Instrument :
MSVOA_N
ClientSampleId :
MW-34

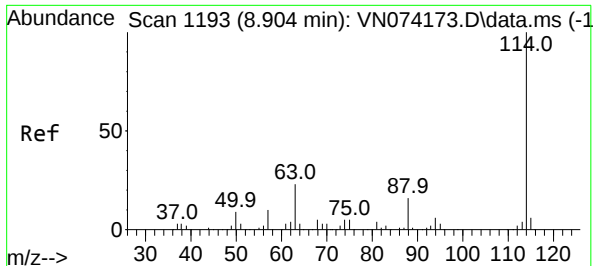
Tgt Ion: 43 Resp: 4976
Ion Ratio Lower Upper
43 100
72 30.1 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 51.148 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074249.D
Acq: 01 Sep 2022 17:57

Tgt Ion: 65 Resp: 204008
Ion Ratio Lower Upper
65 100
67 53.7 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: VN074249.D

Acq: 01 Sep 2022 17:57

Instrument :

MSVOA_N

ClientSampleId :

MW-34

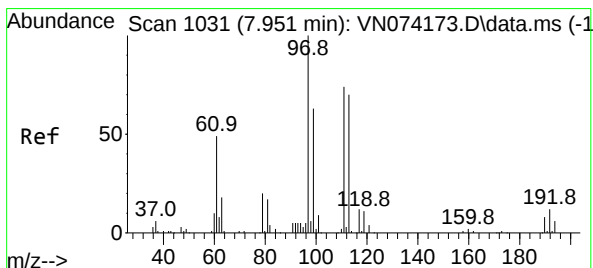
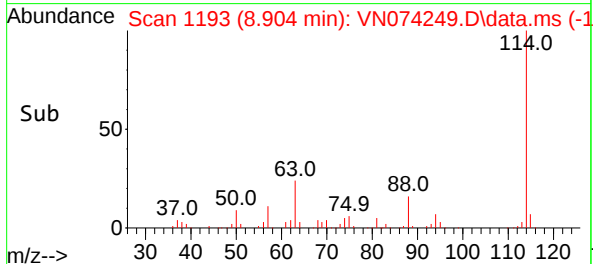
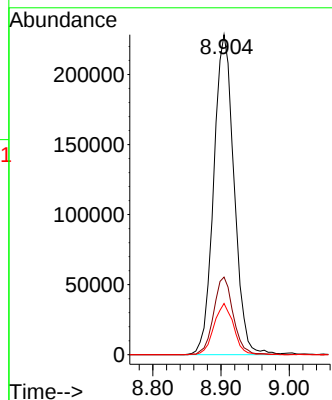
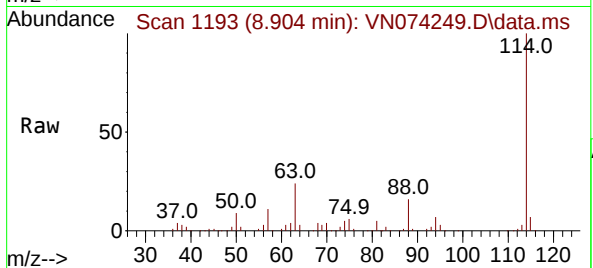
Tgt Ion:114 Resp: 474406

Ion Ratio Lower Upper

114 100

63 24.3 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.124 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074249.D

Acq: 01 Sep 2022 17:57

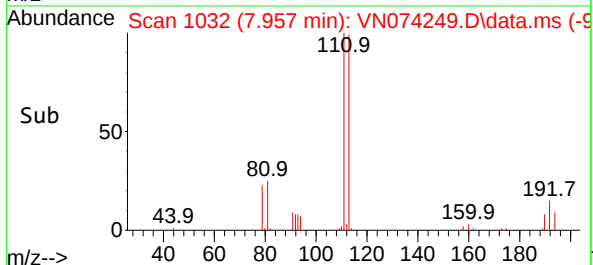
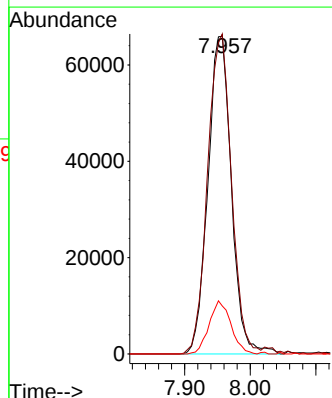
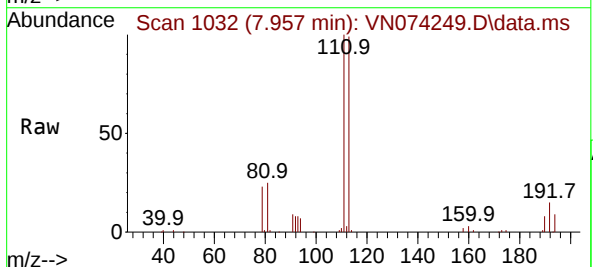
Tgt Ion:113 Resp: 163998

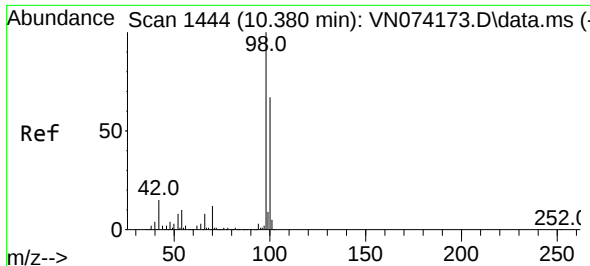
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 15.6 17.0 25.6#

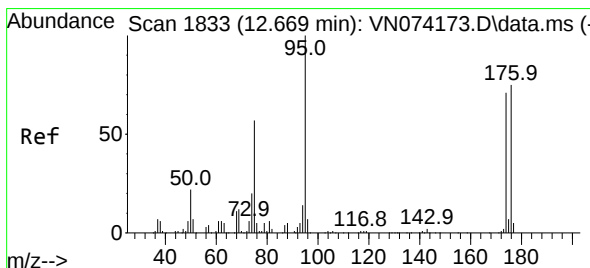
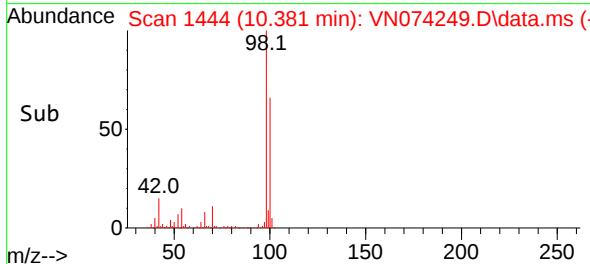
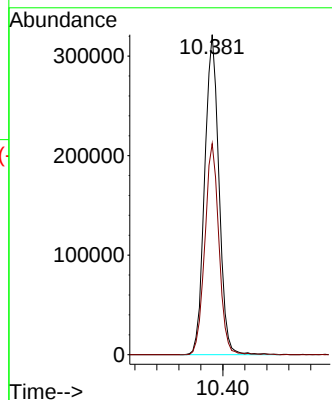
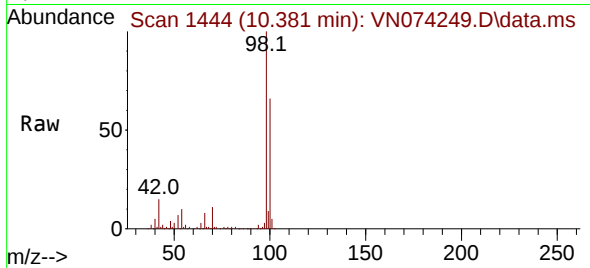




#50
Toluene-d8
Concen: 47.602 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074249.D
Acq: 01 Sep 2022 17:57

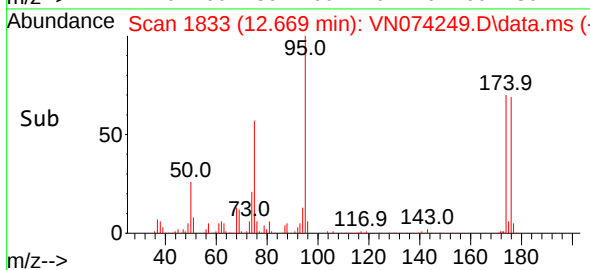
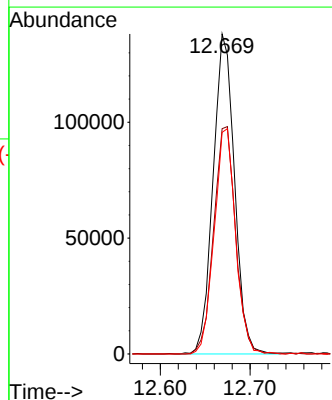
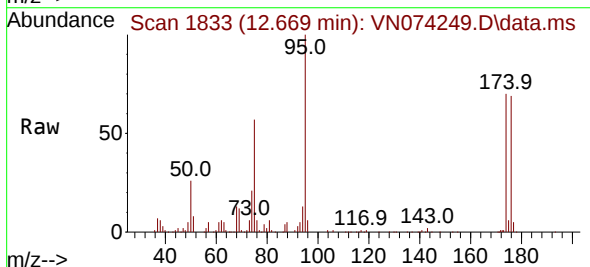
Instrument :
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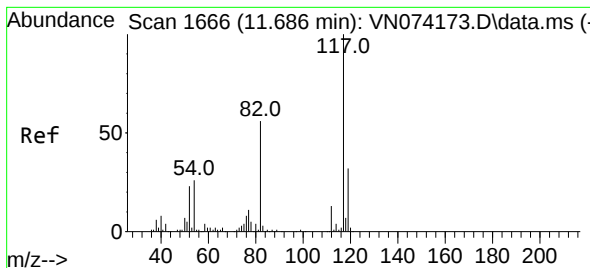
Tgt Ion: 98 Resp: 578714
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 61.817 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074249.D
Acq: 01 Sep 2022 17:57

Tgt Ion: 95 Resp: 228543
Ion Ratio Lower Upper
95 100
174 72.9 0.0 167.6
176 70.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.681 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074249.D

Acq: 01 Sep 2022 17:57

Instrument :

MSVOA_N

ClientSampleId :

MW-34

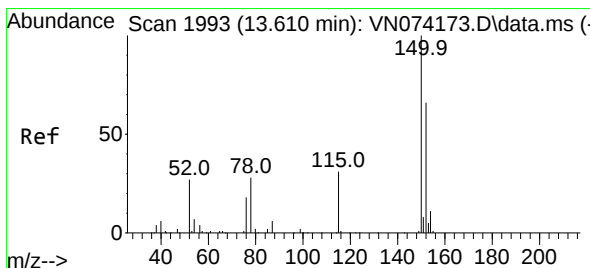
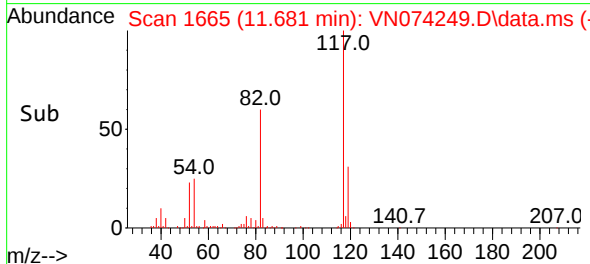
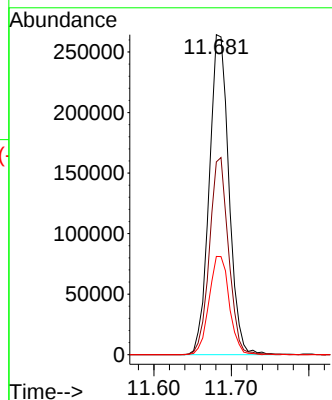
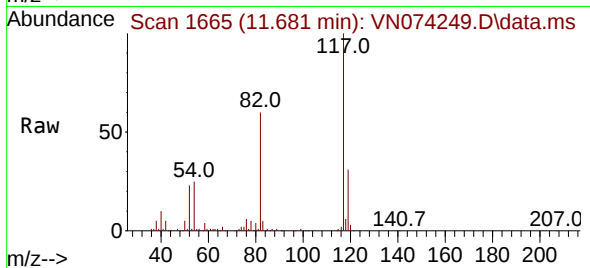
Tgt Ion:117 Resp: 465770

Ion Ratio Lower Upper

117 100

82 60.3 44.2 66.2

119 30.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN074249.D

Acq: 01 Sep 2022 17:57

Tgt Ion:152 Resp: 213231

Ion Ratio Lower Upper

152 100

115 60.8 28.9 86.7

150 157.3 0.0 356.2

