

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081473.D
 Acq On : 19 Mar 2024 16:09
 Operator : JC\MD
 Sample : PB159649TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159649TB

Quant Time: Mar 20 01:19:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

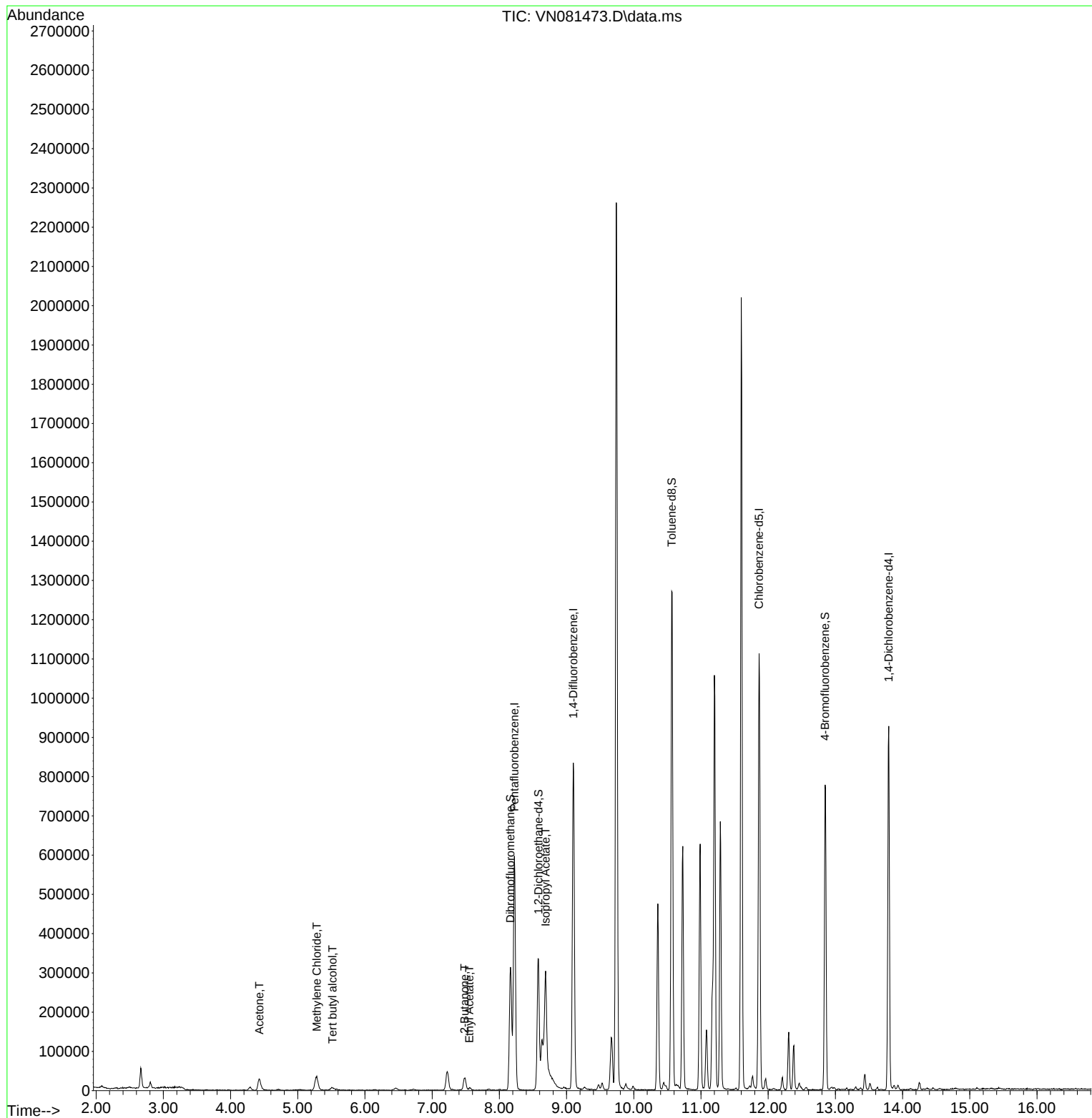
Internal Standards						
1) Pentafluorobenzene	8.224	168	424014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	741136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	661486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	250145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	278703	51.542	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.080%		
35) Dibromofluoromethane	8.165	113	230069	49.188	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.380%		
50) Toluene-d8	10.565	98	894729	52.918	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.840%		
62) 4-Bromofluorobenzene	12.847	95	269587	45.250	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 90.500%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.518	59	11153	11.836	ug/l #	86
16) Acetone	4.430	43	53366	30.538	ug/l	100
20) Methylene Chloride	5.283	84	29769	5.200	ug/l #	89
25) 2-Butanone	7.483	43	50016	16.687	ug/l	97
37) Ethyl Acetate	7.553	43	9493	1.408	ug/l #	95
43) Isopropyl Acetate	8.688	43	372230	33.316	ug/l #	84

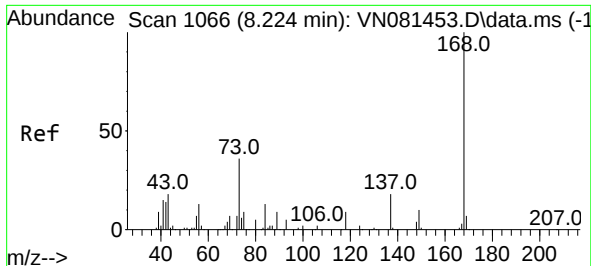
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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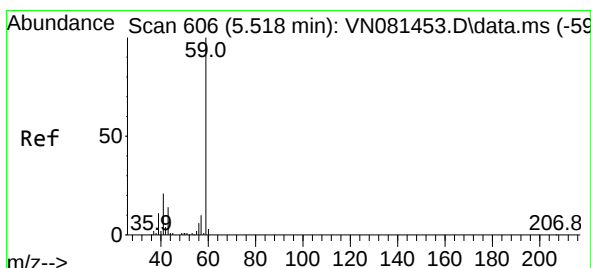
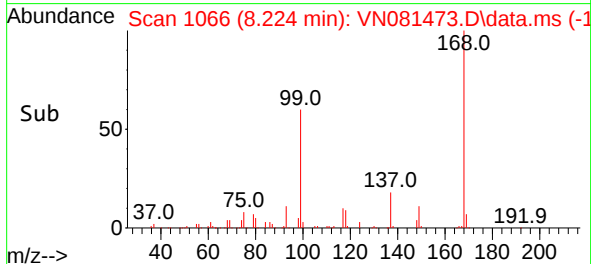
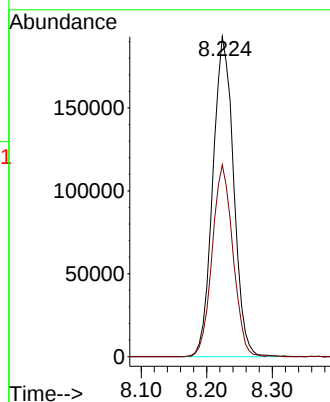
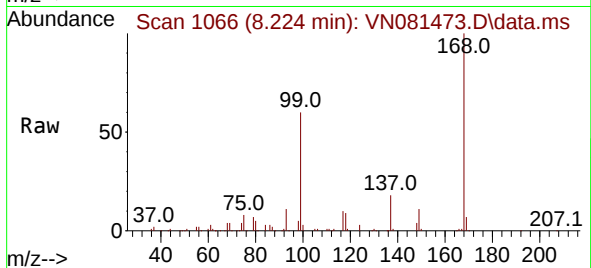




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081473.D
Acq: 19 Mar 2024 16:09

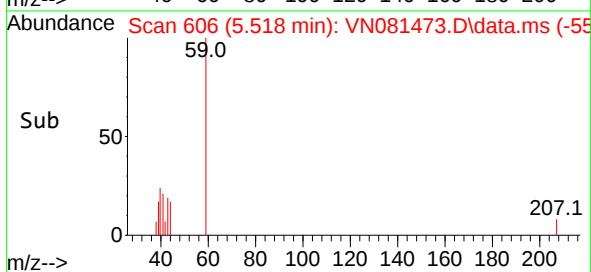
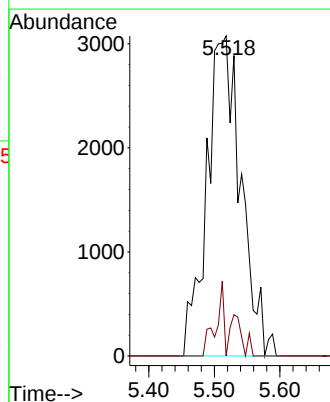
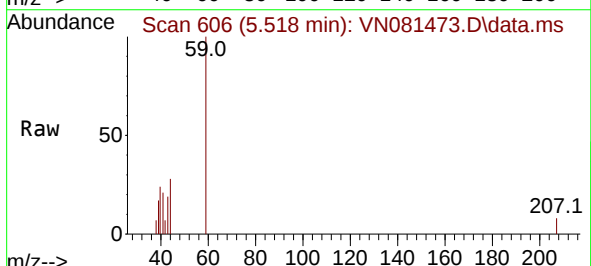
Instrument :
MSVOA_N
ClientSampleId :
PB159649TB

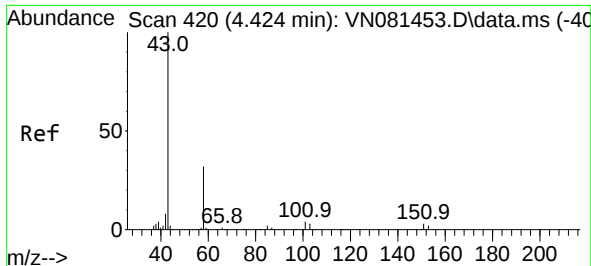
Tgt Ion:168 Resp: 424014
Ion Ratio Lower Upper
168 100
99 60.0 59.9 89.9



#11
Tert butyl alcohol
Concen: 11.836 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081473.D
Acq: 19 Mar 2024 16:09

Tgt Ion: 59 Resp: 11153
Ion Ratio Lower Upper
59 100
57 5.5 8.6 12.8#

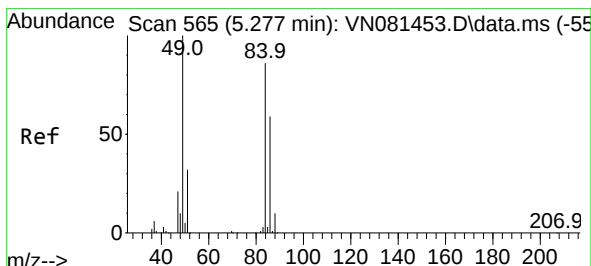
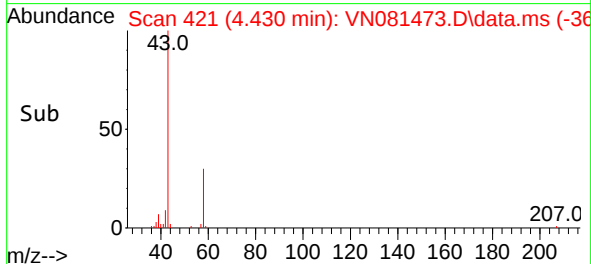
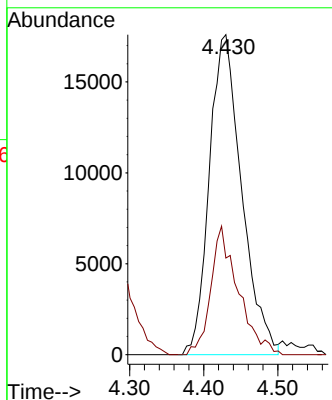
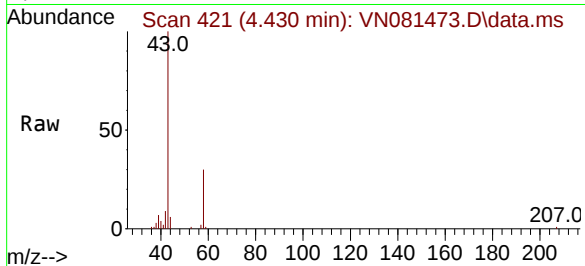




#16
Acetone
Concen: 30.538 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081473.D
Acq: 19 Mar 2024 16:09

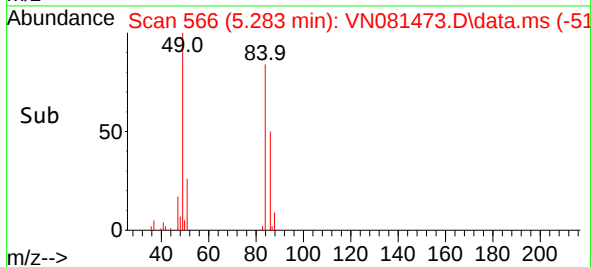
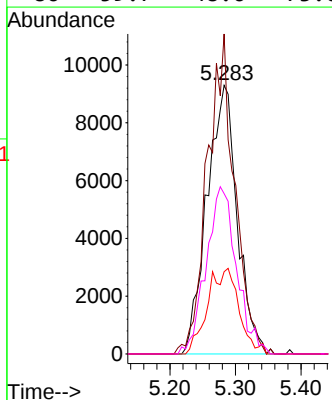
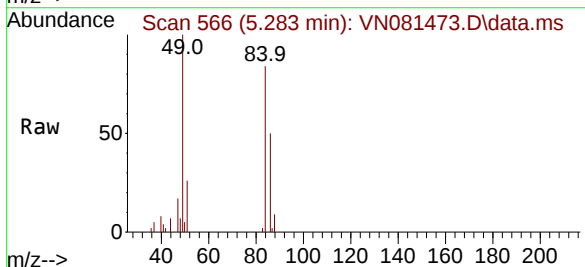
Instrument :
MSVOA_N
ClientSampleId :
PB159649TB

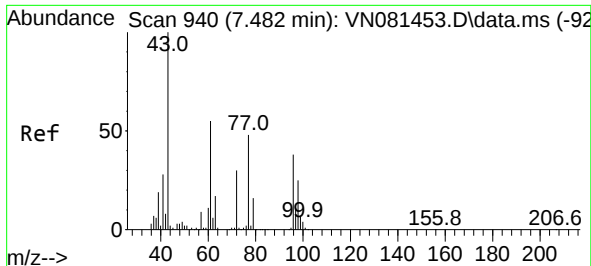
Tgt Ion: 43 Resp: 53366
Ion Ratio Lower Upper
43 100
58 31.2 24.8 37.2



#20
Methylene Chloride
Concen: 5.200 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081473.D
Acq: 19 Mar 2024 16:09

Tgt Ion: 84 Resp: 29769
Ion Ratio Lower Upper
84 100
49 119.1 108.1 162.1
51 30.6 32.9 49.3#
86 59.7 48.6 73.0

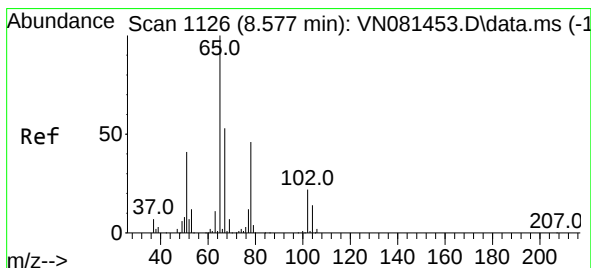
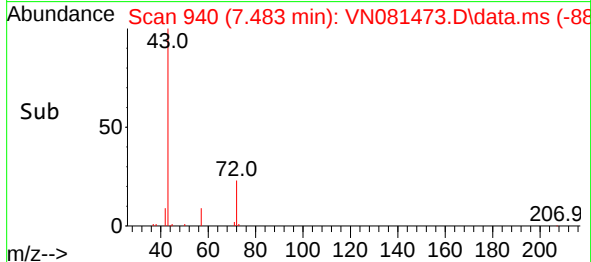
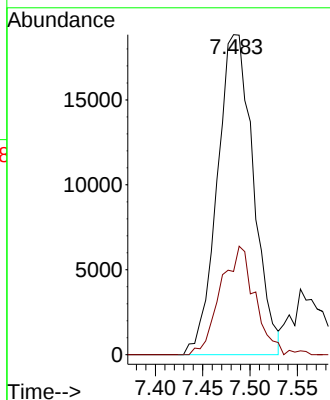
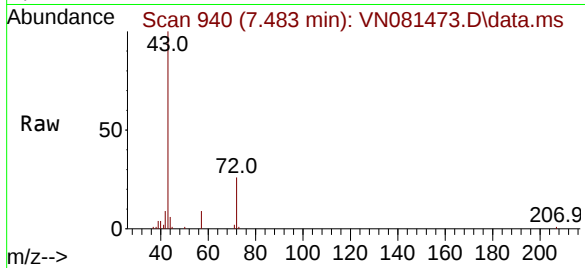




#25
2-Butanone
Concen: 16.687 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081473.D
Acq: 19 Mar 2024 16:09

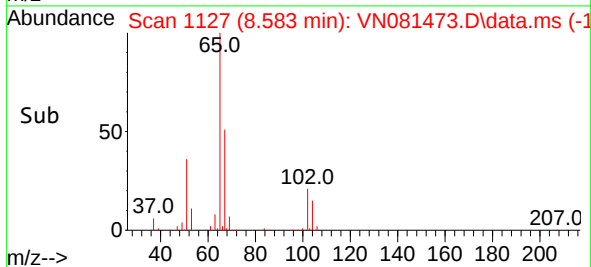
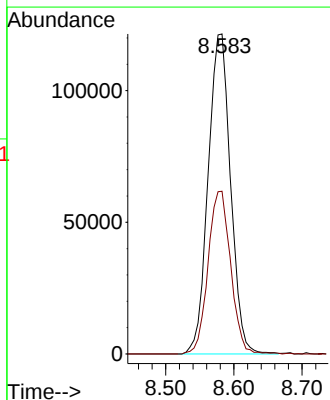
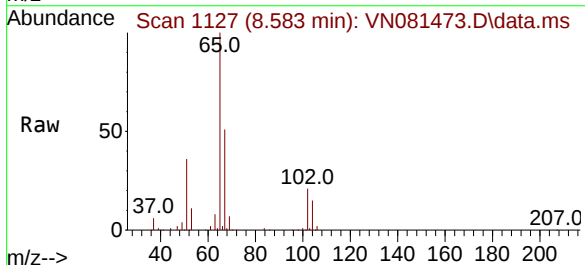
Instrument :
MSVOA_N
ClientSampleId :
PB159649TB

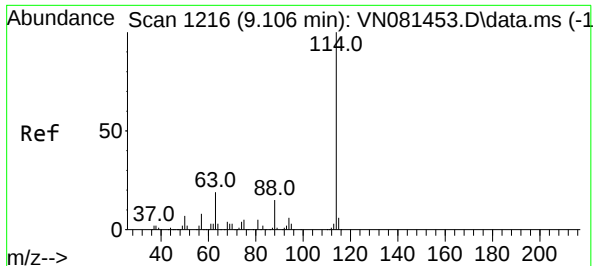
Tgt Ion: 43 Resp: 50016
Ion Ratio Lower Upper
43 100
72 26.0 19.5 29.3



#33
1,2-Dichloroethane-d4
Concen: 51.542 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081473.D
Acq: 19 Mar 2024 16:09

Tgt Ion: 65 Resp: 278703
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081473.D

Acq: 19 Mar 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB159649TB

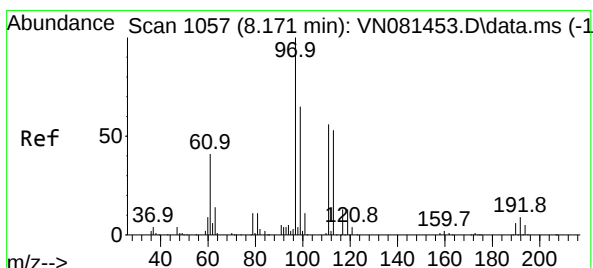
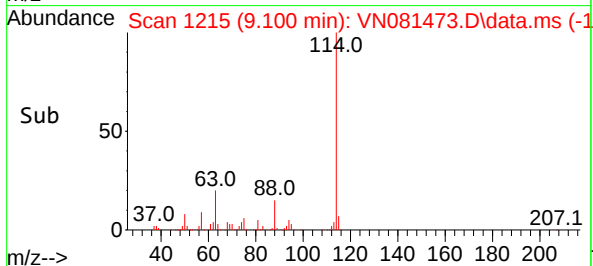
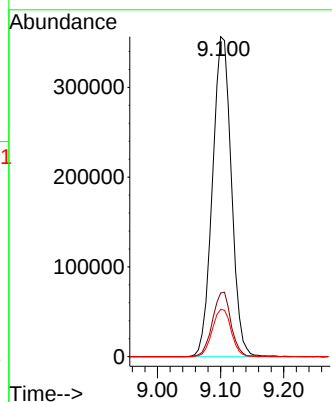
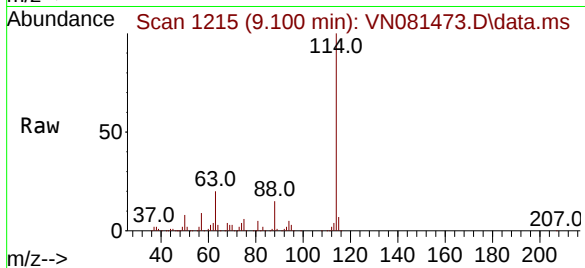
Tgt Ion:114 Resp: 741136

Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 14.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.188 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081473.D

Acq: 19 Mar 2024 16:09

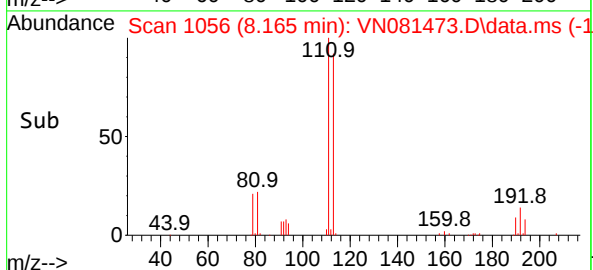
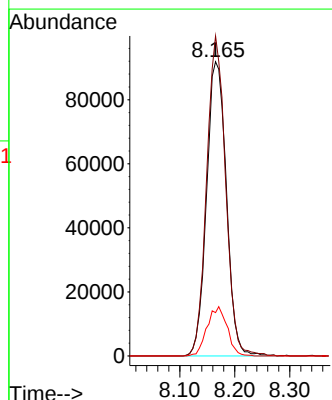
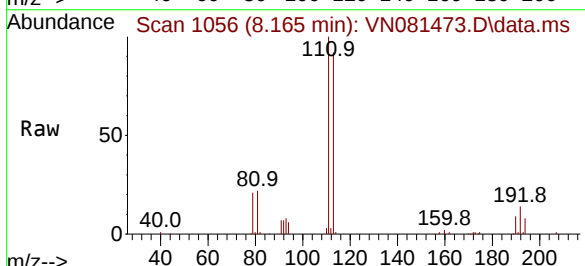
Tgt Ion:113 Resp: 230069

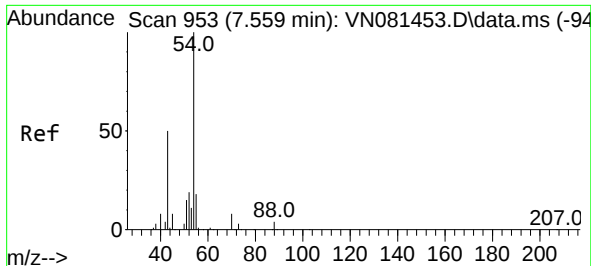
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 17.0 12.5 18.7





#37

Ethyl Acetate

Concen: 1.408 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN081473.D

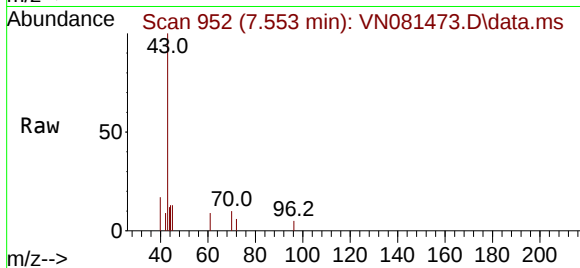
Acq: 19 Mar 2024 16:09

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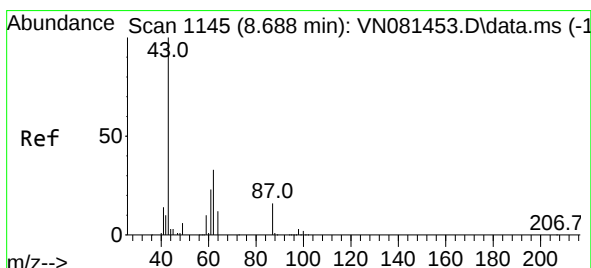
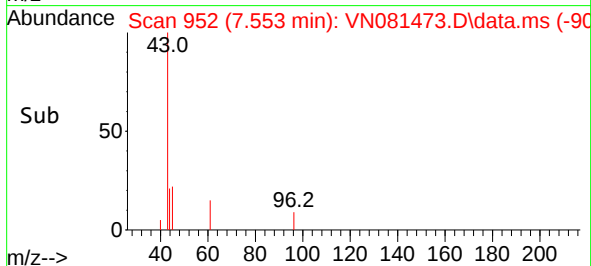
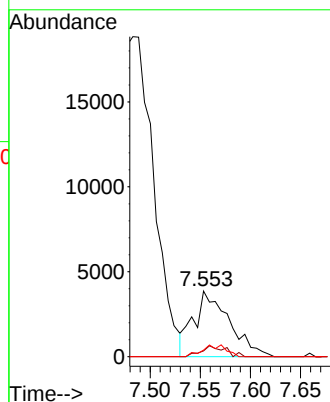
Tgt Ion: 43 Resp: 9493

Ion Ratio Lower Upper

43 100

61 11.3 10.6 15.8

70 12.1 8.0 12.0#



#43

Isopropyl Acetate

Concen: 33.316 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081473.D

Acq: 19 Mar 2024 16:09

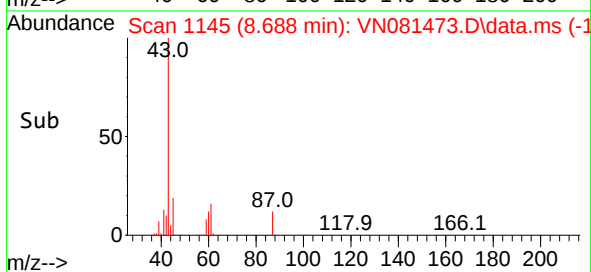
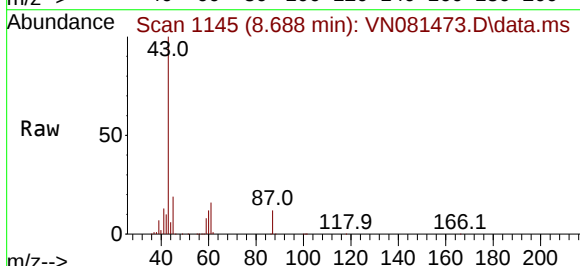
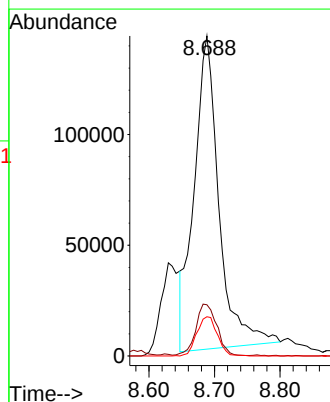
Tgt Ion: 43 Resp: 372230

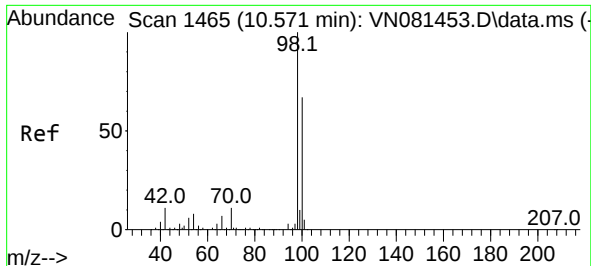
Ion Ratio Lower Upper

43 100

61 14.0 19.9 29.9#

87 10.4 9.0 13.6

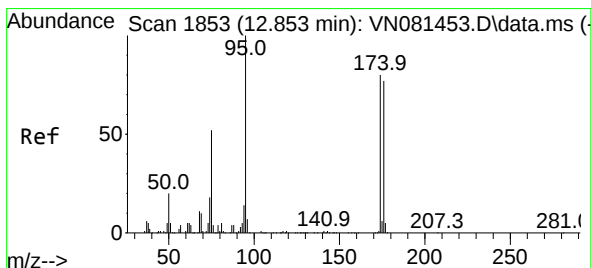
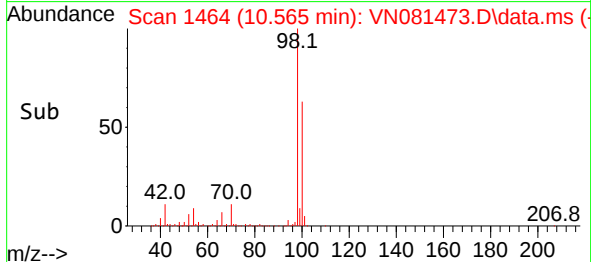
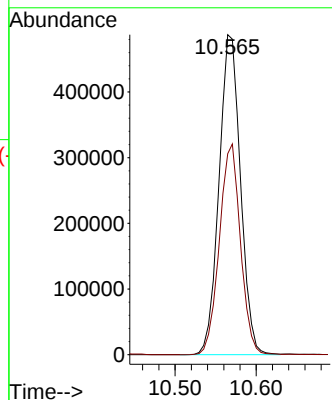
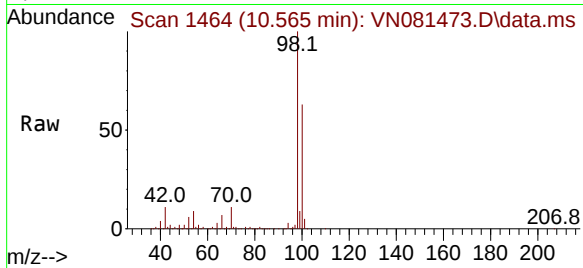




#50
Toluene-d8
Concen: 52.918 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081473.D
Acq: 19 Mar 2024 16:09

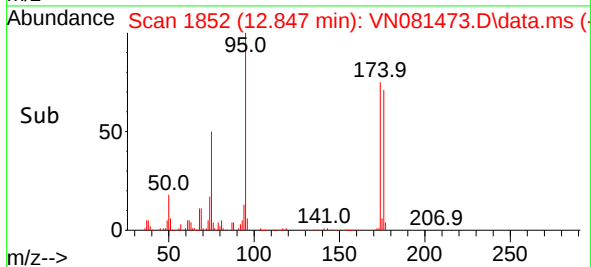
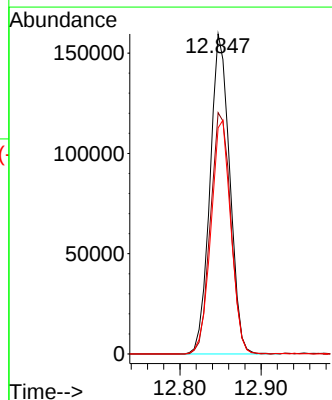
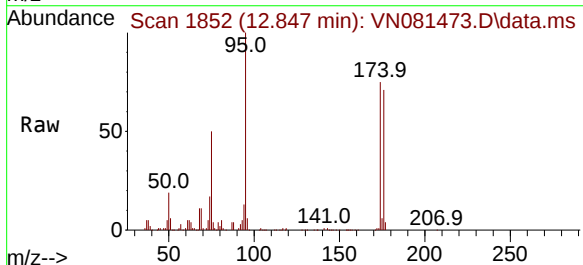
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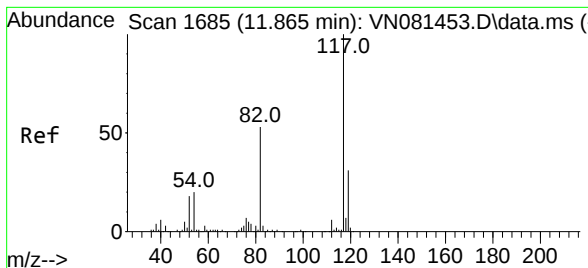
Tgt Ion: 98 Resp: 894729
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.250 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081473.D
Acq: 19 Mar 2024 16:09

Tgt Ion: 95 Resp: 269587
Ion Ratio Lower Upper
95 100
174 77.6 0.0 120.4
176 73.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081473.D

Acq: 19 Mar 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB159649TB

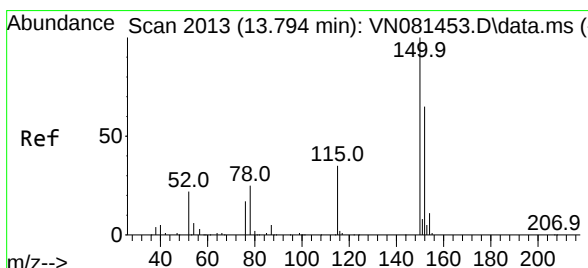
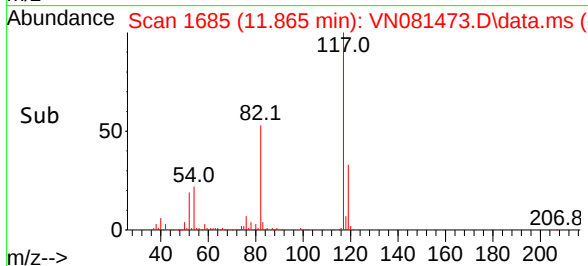
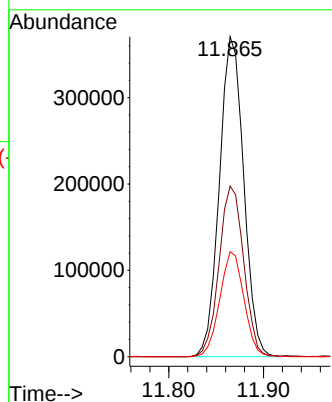
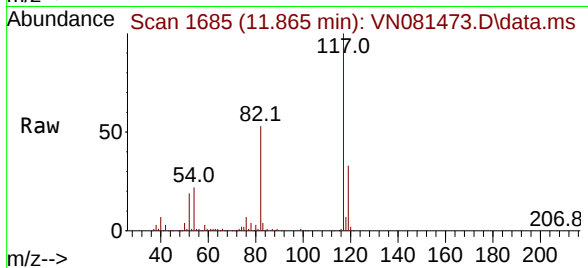
Tgt Ion:117 Resp: 661486

Ion Ratio Lower Upper

117 100

82 53.3 52.7 79.1

119 32.8 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081473.D

Acq: 19 Mar 2024 16:09

Tgt Ion:152 Resp: 250145

Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 156.8 0.0 339.8

