

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080972.D
 Acq On : 08 Feb 2024 18:34
 Operator : JC\MD
 Sample : P1372-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-MW-17-ch5

Quant Time: Feb 09 01:25:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

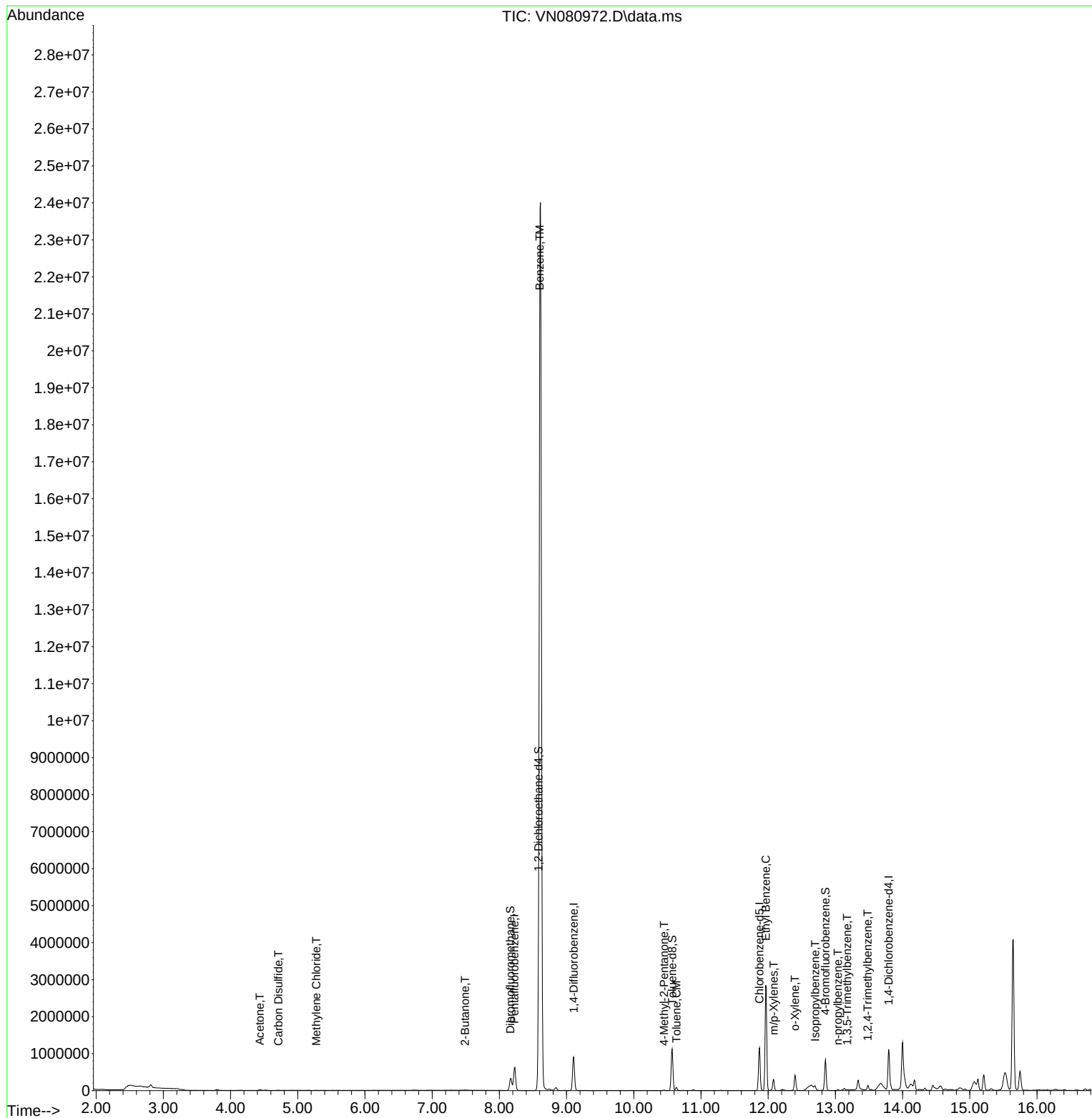
Internal Standards						
1) Pentafluorobenzene	8.224	168	450163	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	828203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	708776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	302392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	278478	49.038	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.080%
35) Dibromofluoromethane	8.165	113	241323	54.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.600%
50) Toluene-d8	10.571	98	800560	49.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.853	95	287897	49.301	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.600%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	34082	18.242	ug/l	92
17) Carbon Disulfide	4.712	76	14033	1.153	ug/l	# 74
20) Methylene Chloride	5.277	84	2174	0.384	ug/l	# 68
25) 2-Butanone	7.488	43	12497	4.167	ug/l	91
40) Benzene	8.600	78	22695050	1127.730	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	6680	1.205	ug/l	# 87
52) Toluene	10.635	92	36777	2.728	ug/l	93
67) Ethyl Benzene	11.965	91	2152082	84.105	ug/l	98
68) m/p-Xylenes	12.082	106	91939	9.457	ug/l	93
69) o-Xylene	12.400	106	119655	12.685	ug/l	92
73) Isopropylbenzene	12.700	105	55380	2.355	ug/l	93
78) n-propylbenzene	13.035	91	18077	0.681	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	7670	0.401	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	80811	4.245	ug/l	94

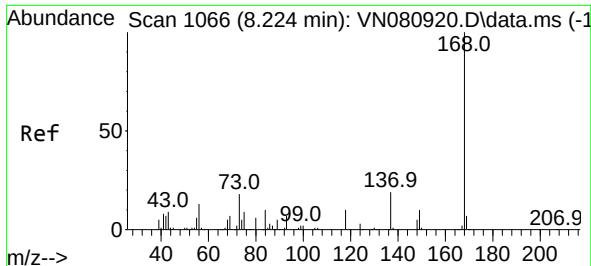
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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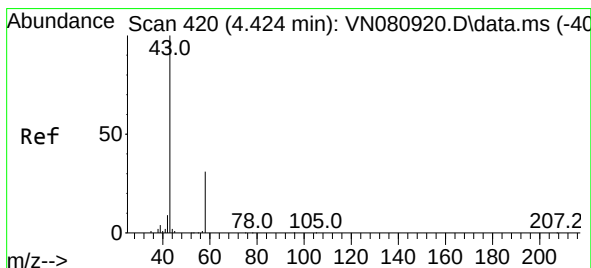
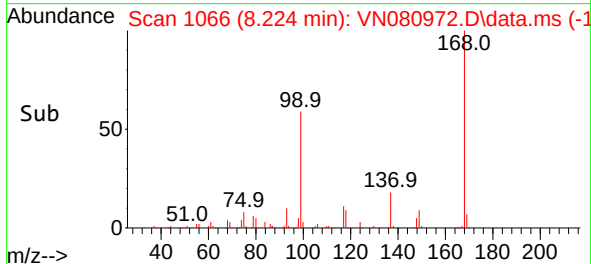
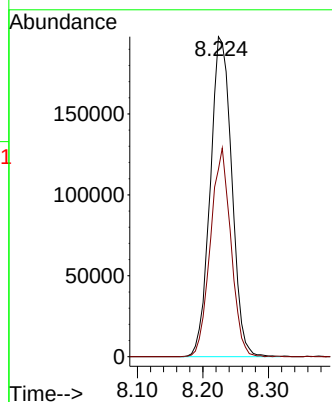
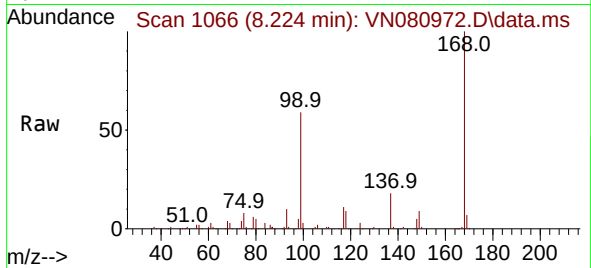




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

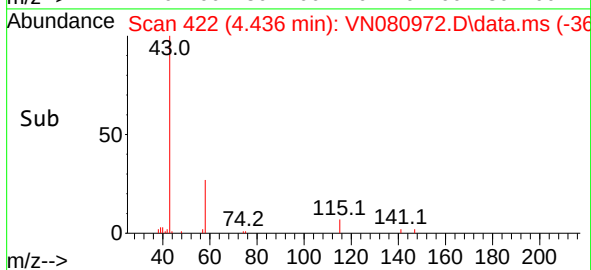
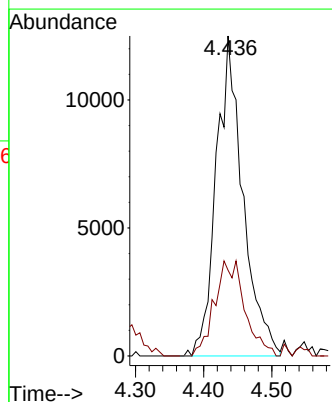
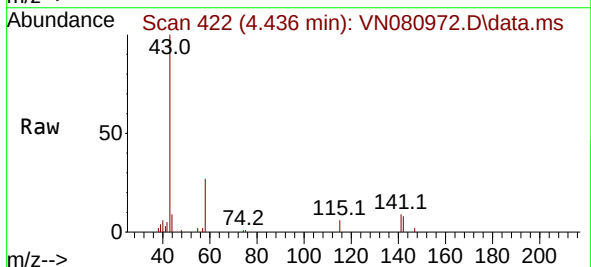
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch5

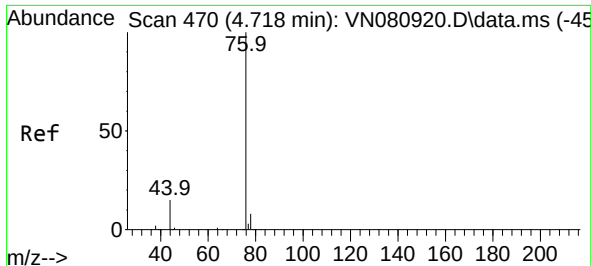
Tgt Ion:168 Resp: 450163
Ion Ratio Lower Upper
168 100
99 58.6 59.9 89.9#



#16
Acetone
Concen: 18.242 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

Tgt Ion: 43 Resp: 34082
Ion Ratio Lower Upper
43 100
58 26.8 24.8 37.2





#17

Carbon Disulfide

Concen: 1.153 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN080972.D

Acq: 08 Feb 2024 18:34

Instrument :

MSVOA_N

ClientSampleId :

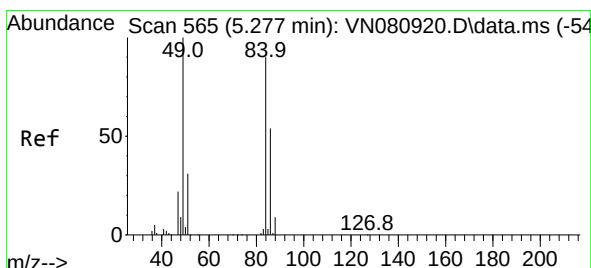
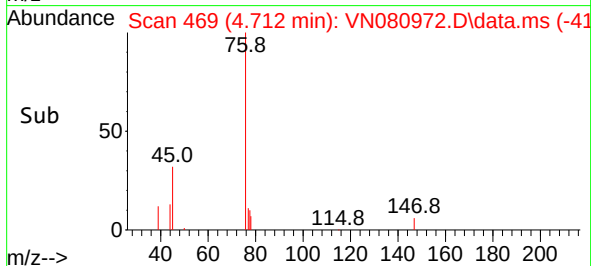
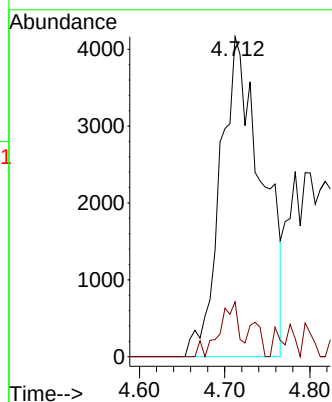
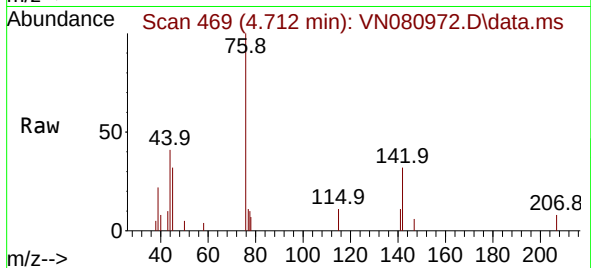
CG-MW-17-ch5

Tgt Ion: 76 Resp: 14033

Ion Ratio Lower Upper

76 100

78 17.1 6.3 9.5#



#20

Methylene Chloride

Concen: 0.384 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN080972.D

Acq: 08 Feb 2024 18:34

Tgt Ion: 84 Resp: 2174

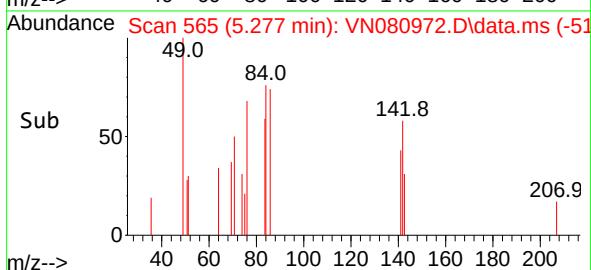
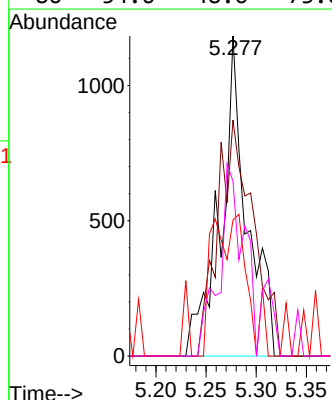
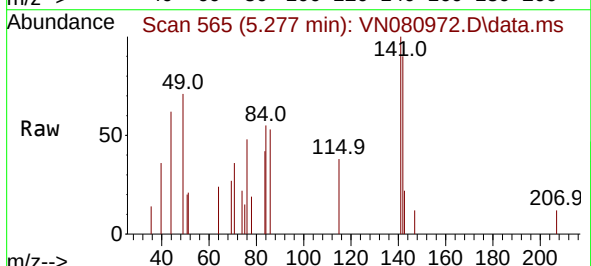
Ion Ratio Lower Upper

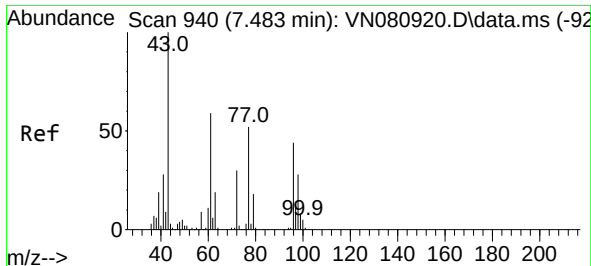
84 100

49 73.7 108.1 162.1#

51 42.5 32.9 49.3

86 54.6 48.6 73.0

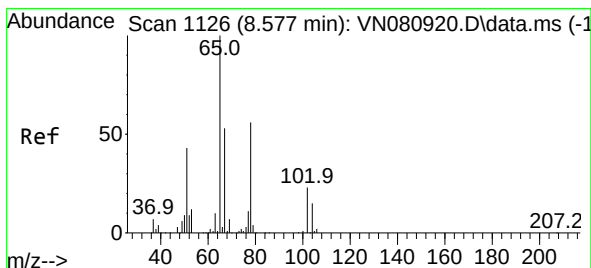
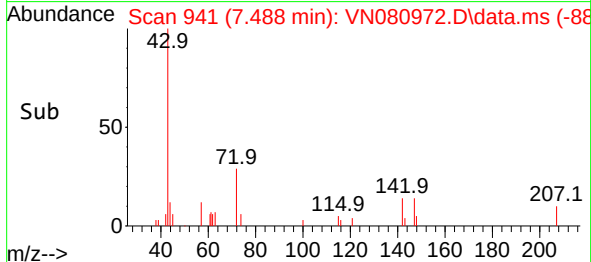
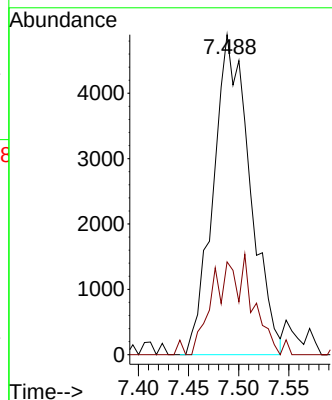
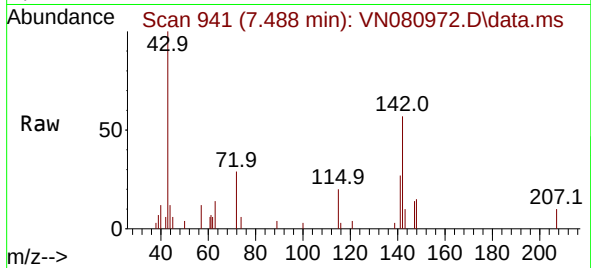




#25
2-Butanone
Concen: 4.167 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

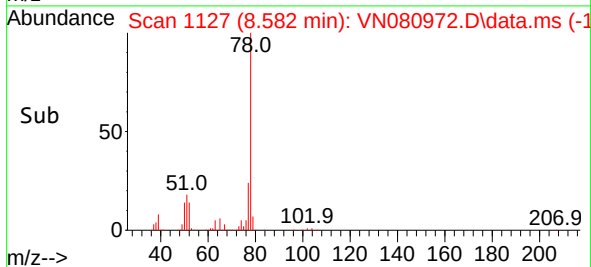
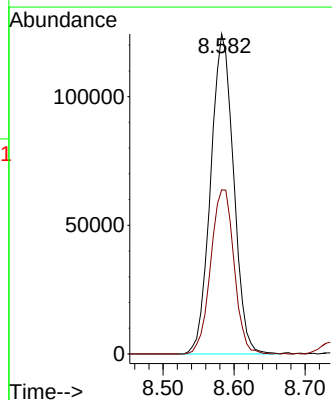
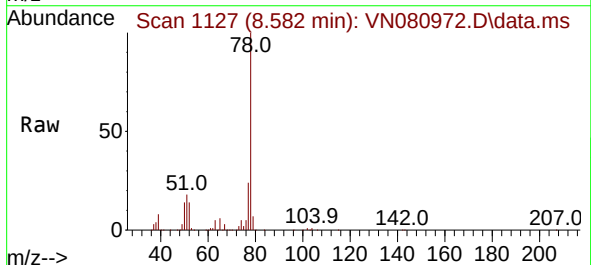
Instrument :
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CG-MW-17-ch5

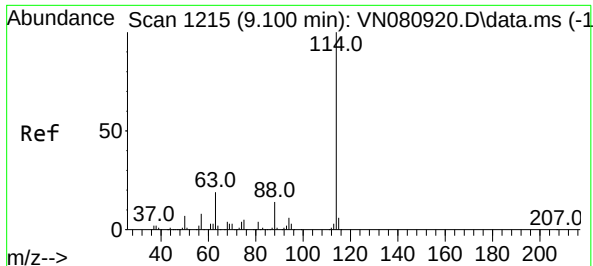
Tgt Ion: 43 Resp: 12497
Ion Ratio Lower Upper
43 100
72 29.0 19.5 29.3



#33
1,2-Dichloroethane-d4
Concen: 49.038 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

Tgt Ion: 65 Resp: 278478
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4

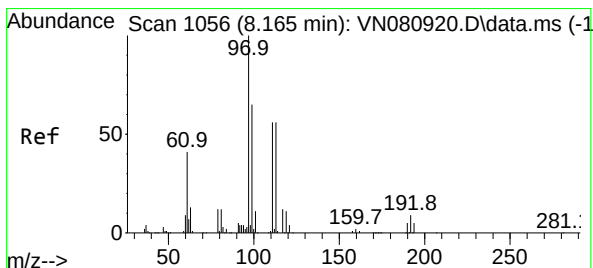
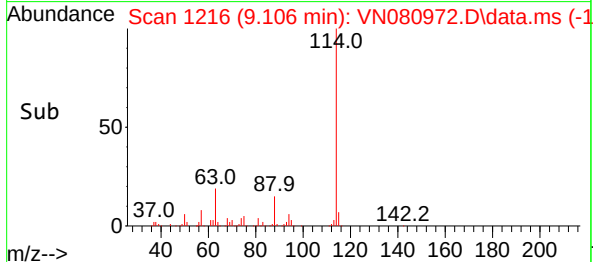
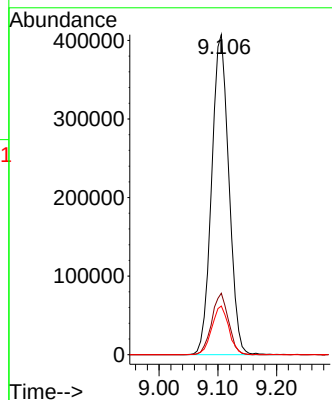
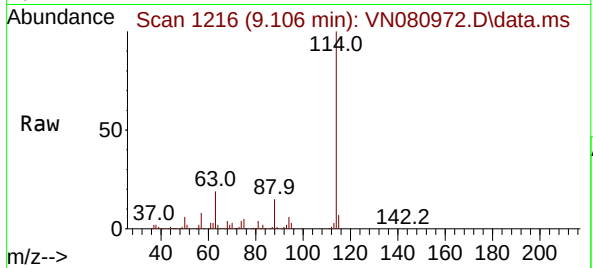




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

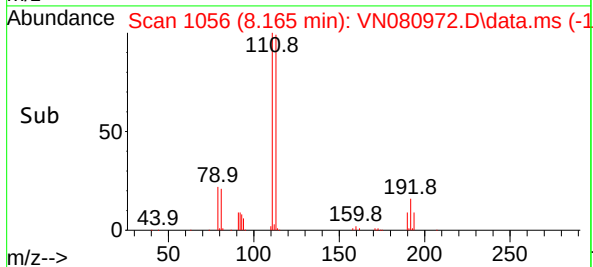
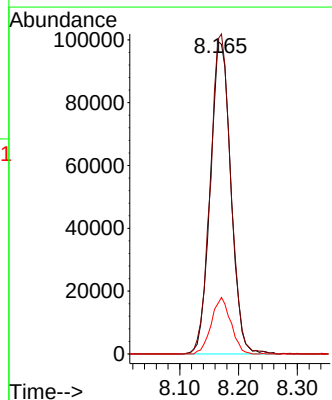
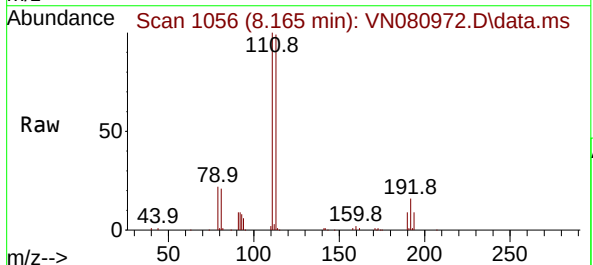
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch5

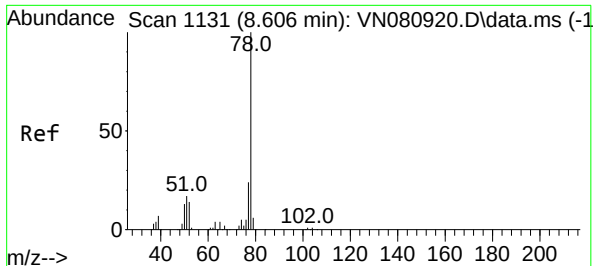
Tgt Ion:114 Resp: 828203
Ion Ratio Lower Upper
114 100
63 19.2 0.0 48.0
88 15.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 54.302 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

Tgt Ion:113 Resp: 241323
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 17.1 12.5 18.7

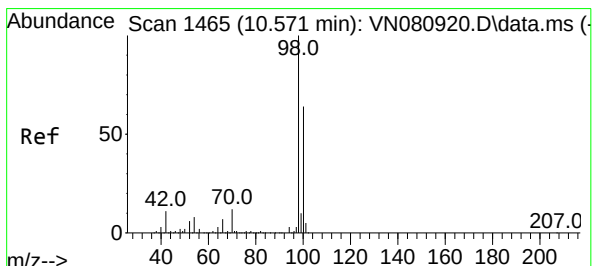
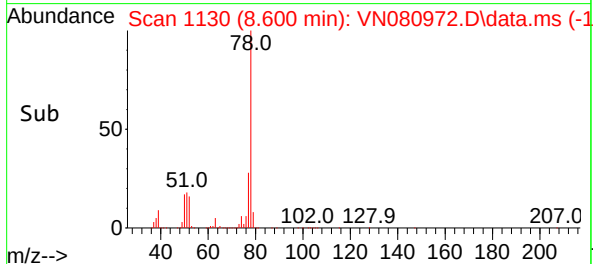
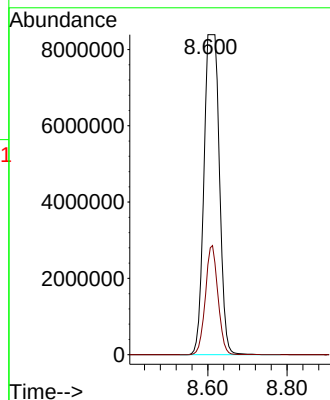
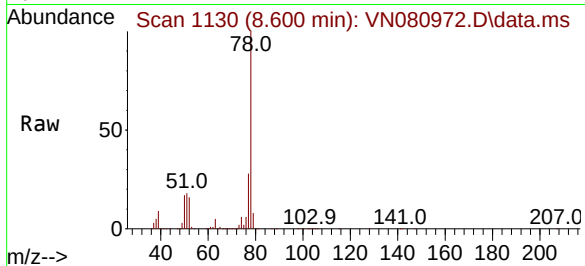




#40
Benzene
Concen: 1127.730 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

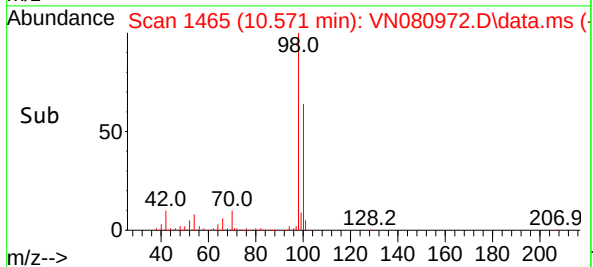
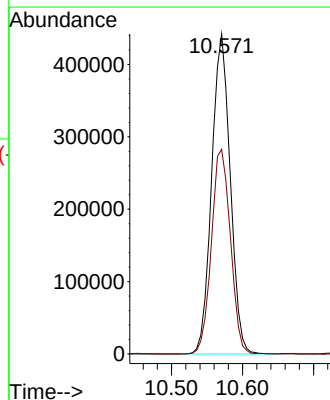
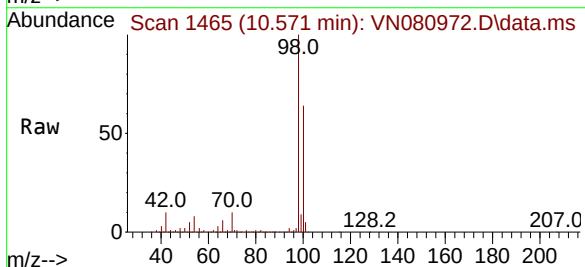
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch5

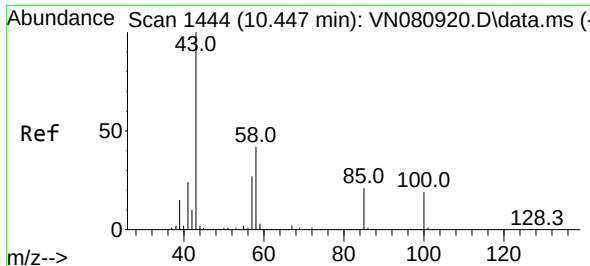
Tgt Ion: 78 Resp:22695050
Ion Ratio Lower Upper
78 100
77 28.1 20.4 30.6



#50
Toluene-d8
Concen: 49.802 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

Tgt Ion: 98 Resp: 800560
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0

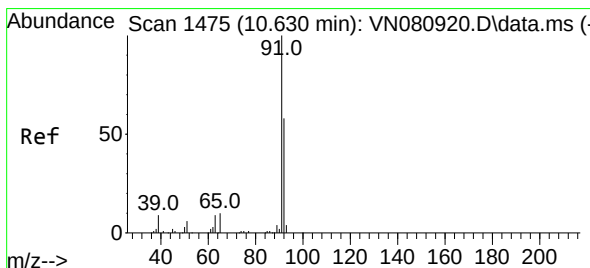
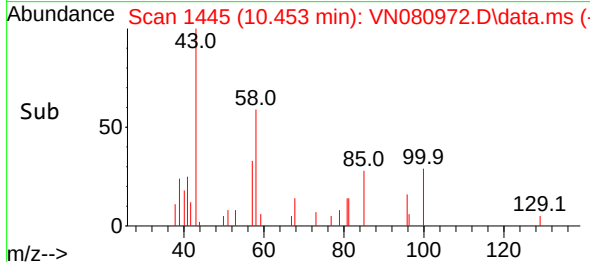
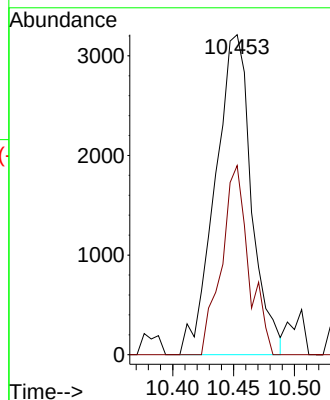
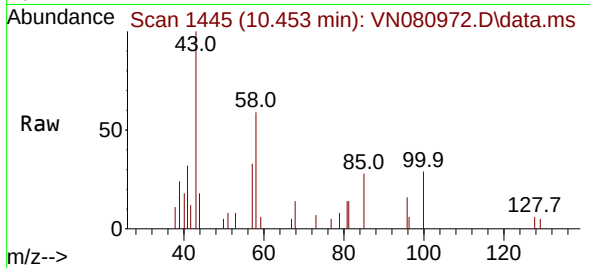




#51
4-Methyl-2-Pentanone
Concen: 1.205 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

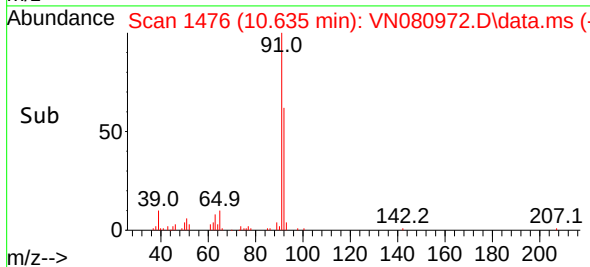
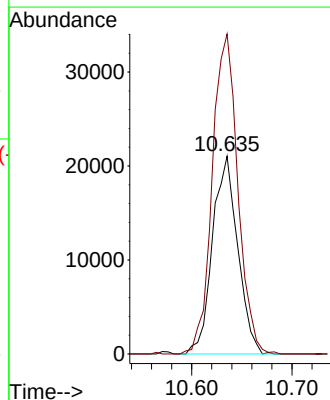
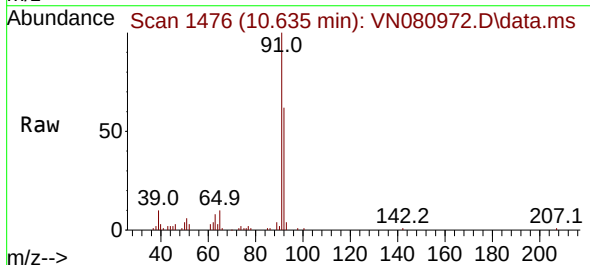
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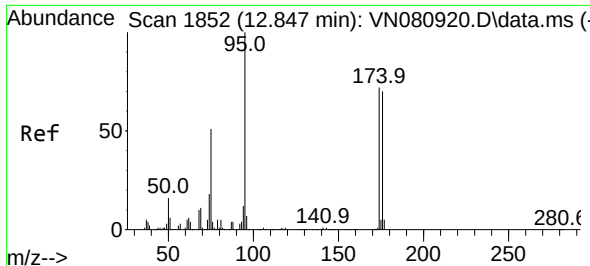
Tgt Ion: 43 Resp: 6680
Ion Ratio Lower Upper
43 100
58 44.4 29.4 44.0#



#52
Toluene
Concen: 2.728 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

Tgt Ion: 92 Resp: 36777
Ion Ratio Lower Upper
92 100
91 163.9 139.4 209.0

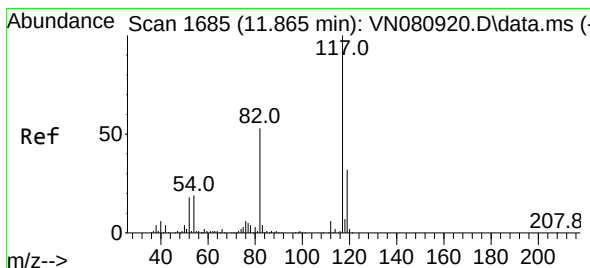
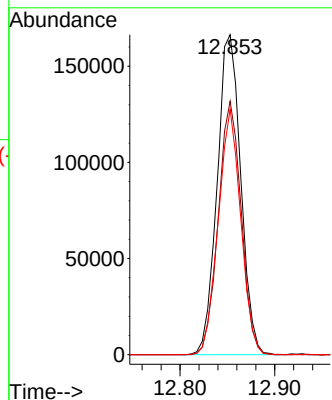
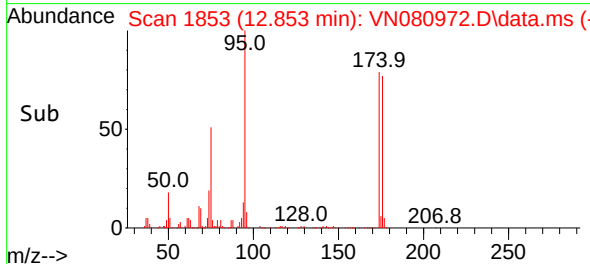
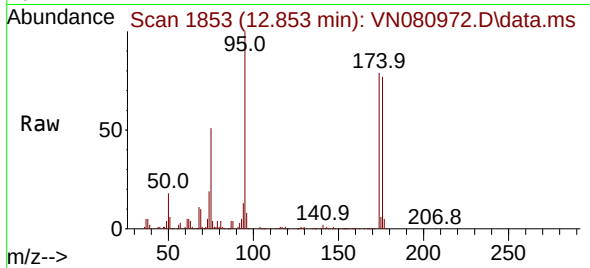




#62
4-Bromofluorobenzene
Concen: 49.301 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

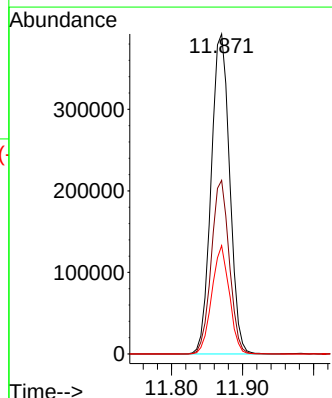
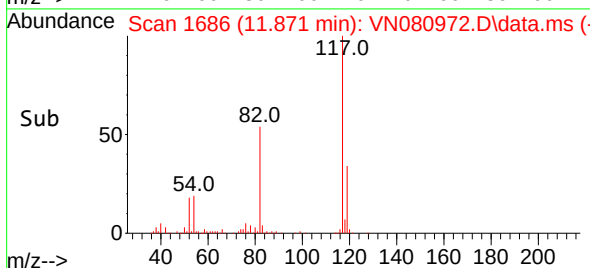
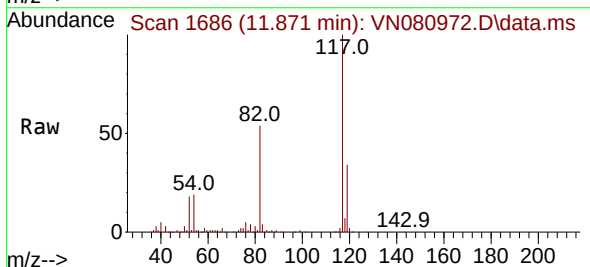
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch5

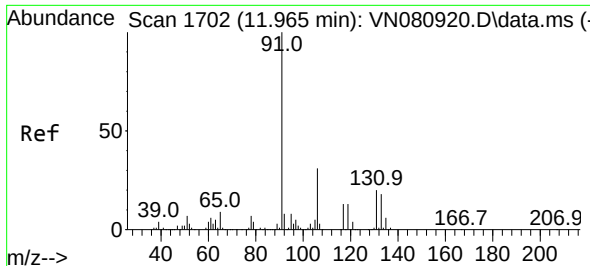
Tgt Ion: 95 Resp: 287897
Ion Ratio Lower Upper
95 100
174 76.7 0.0 120.4
176 73.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

Tgt Ion: 117 Resp: 708776
Ion Ratio Lower Upper
117 100
82 54.3 52.7 79.1
119 33.9 25.3 37.9

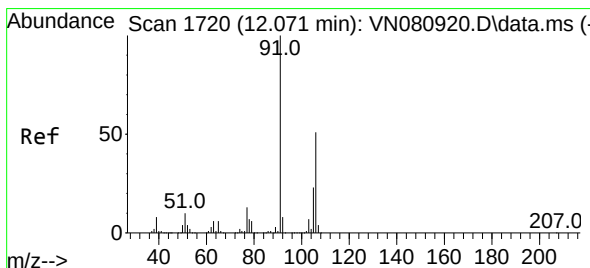
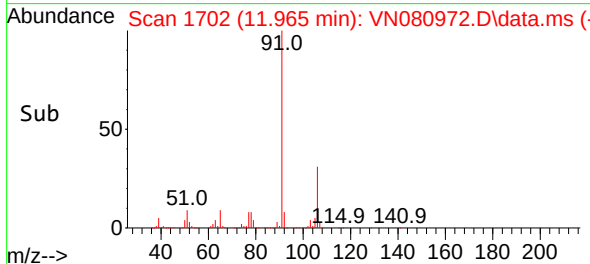
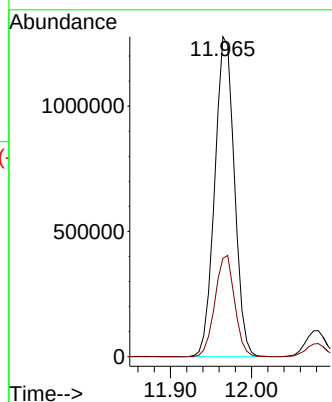
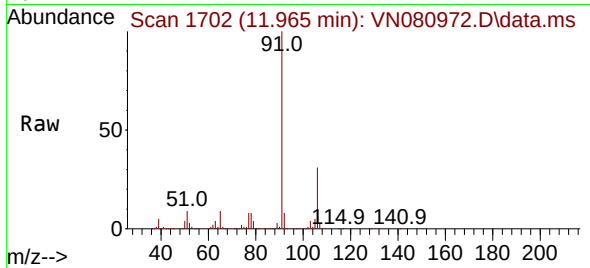




#67
Ethyl Benzene
Concen: 84.105 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

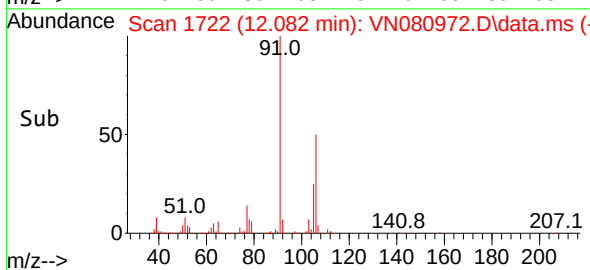
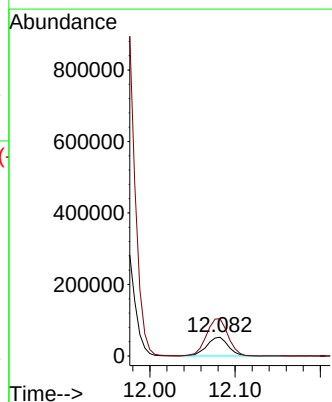
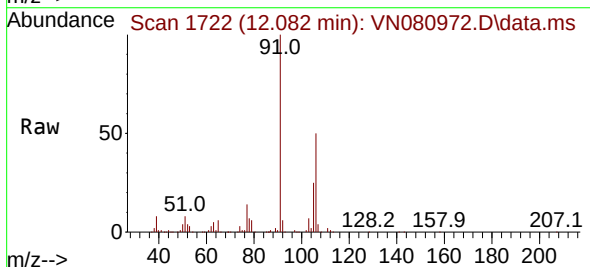
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch5

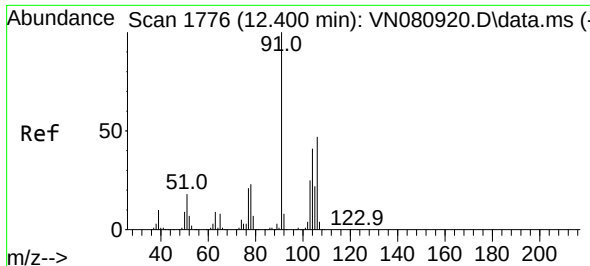
Tgt Ion: 91 Resp: 2152082
Ion Ratio Lower Upper
91 100
106 30.8 23.8 35.6



#68
m/p-Xylenes
Concen: 9.457 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.012 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

Tgt Ion: 106 Resp: 91939
Ion Ratio Lower Upper
106 100
91 200.7 169.0 253.6

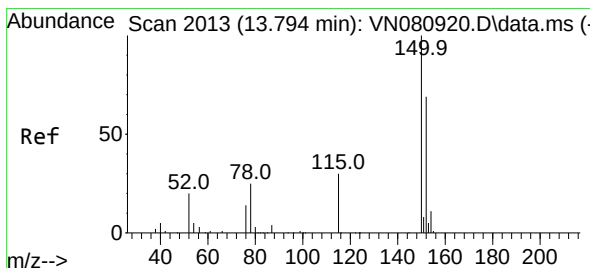
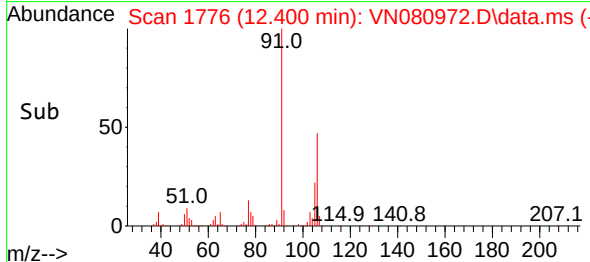
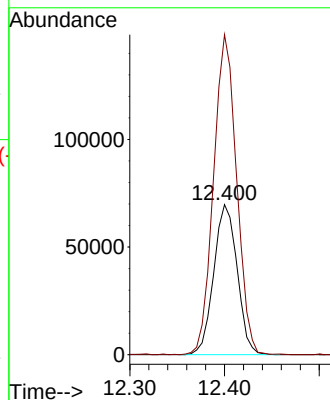
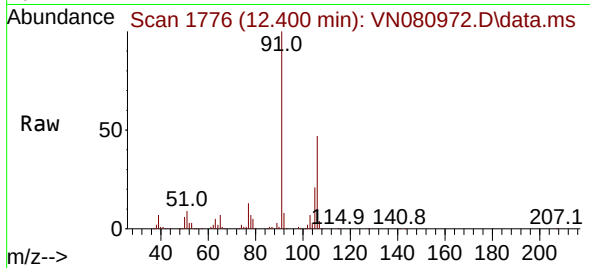




#69
o-Xylene
Concen: 12.685 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

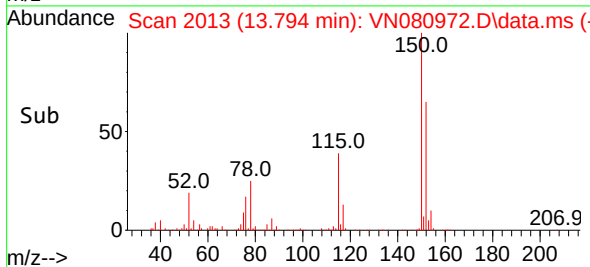
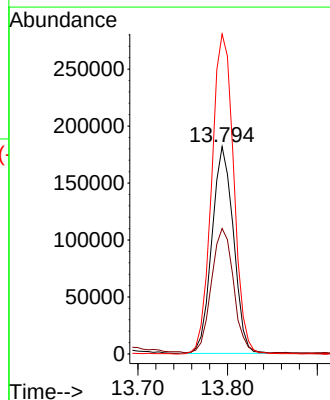
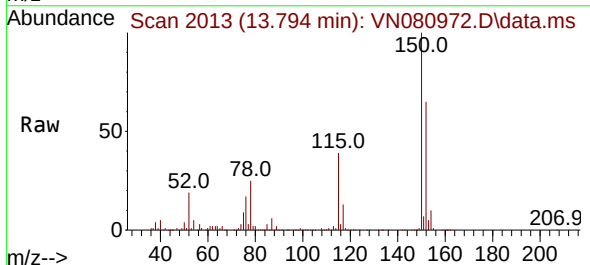
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch5

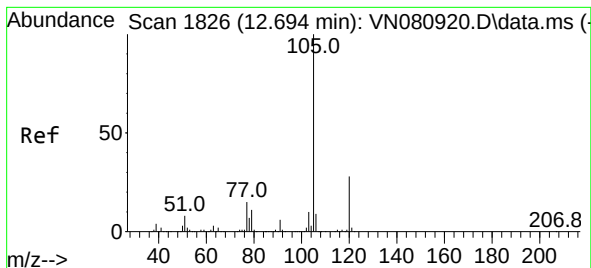
Tgt Ion:106 Resp: 119655
Ion Ratio Lower Upper
106 100
91 210.7 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

Tgt Ion:152 Resp: 302392
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 158.3 0.0 339.8





#73

Isopropylbenzene

Concen: 2.355 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN080972.D

Acq: 08 Feb 2024 18:34

Instrument :

MSVOA_N

ClientSampleId :

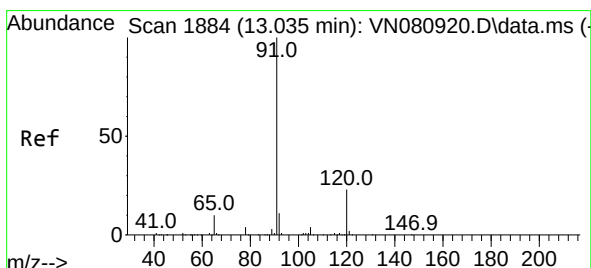
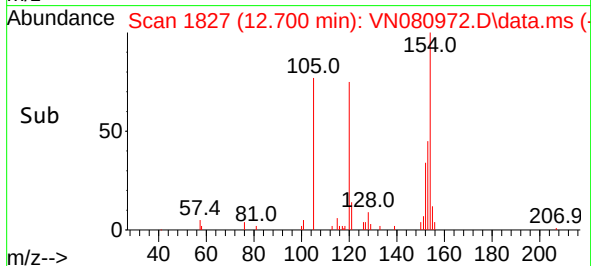
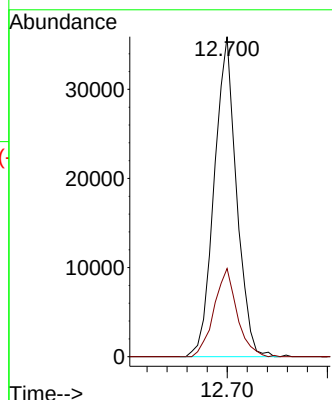
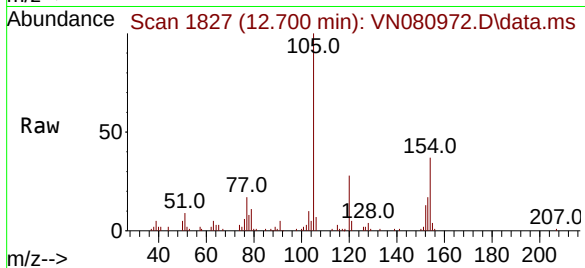
CG-MW-17-ch5

Tgt Ion:105 Resp: 55380

Ion Ratio Lower Upper

105 100

120 28.4 12.6 37.6



#78

n-propylbenzene

Concen: 0.681 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080972.D

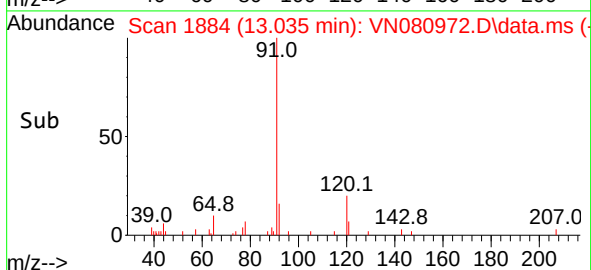
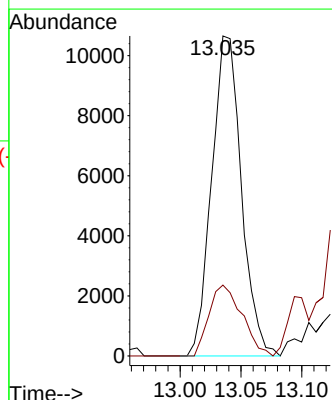
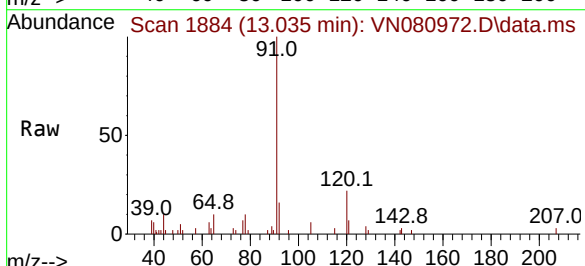
Acq: 08 Feb 2024 18:34

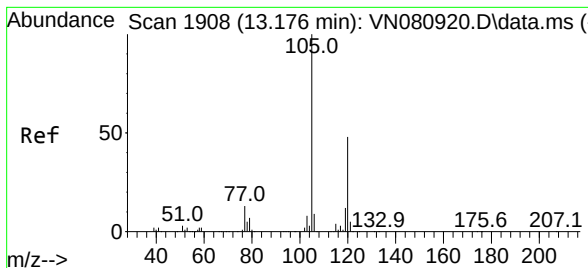
Tgt Ion: 91 Resp: 18077

Ion Ratio Lower Upper

91 100

120 24.5 10.3 30.9

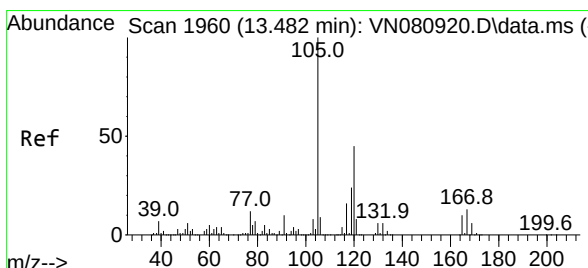
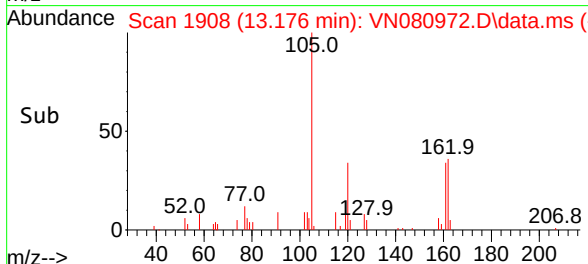
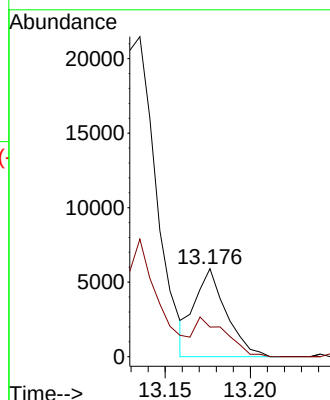
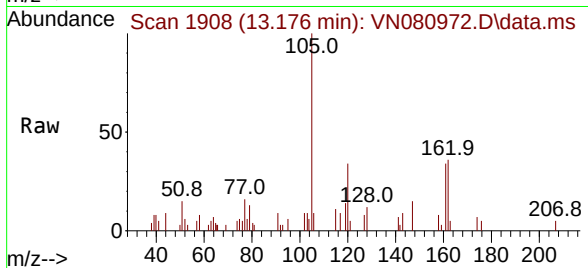




#80
1,3,5-Trimethylbenzene
Concen: 0.401 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch5

Tgt Ion:105 Resp: 7670
Ion Ratio Lower Upper
105 100
120 41.9 23.0 69.0



#84
1,2,4-Trimethylbenzene
Concen: 4.245 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080972.D
Acq: 08 Feb 2024 18:34

Tgt Ion:105 Resp: 80811
Ion Ratio Lower Upper
105 100
120 45.8 20.9 62.7

