

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085951.D
 Acq On : 11 Mar 2025 23:05
 Operator : JC\MD
 Sample : Q1523-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A1-02-G

Quant Time: Mar 12 01:33:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

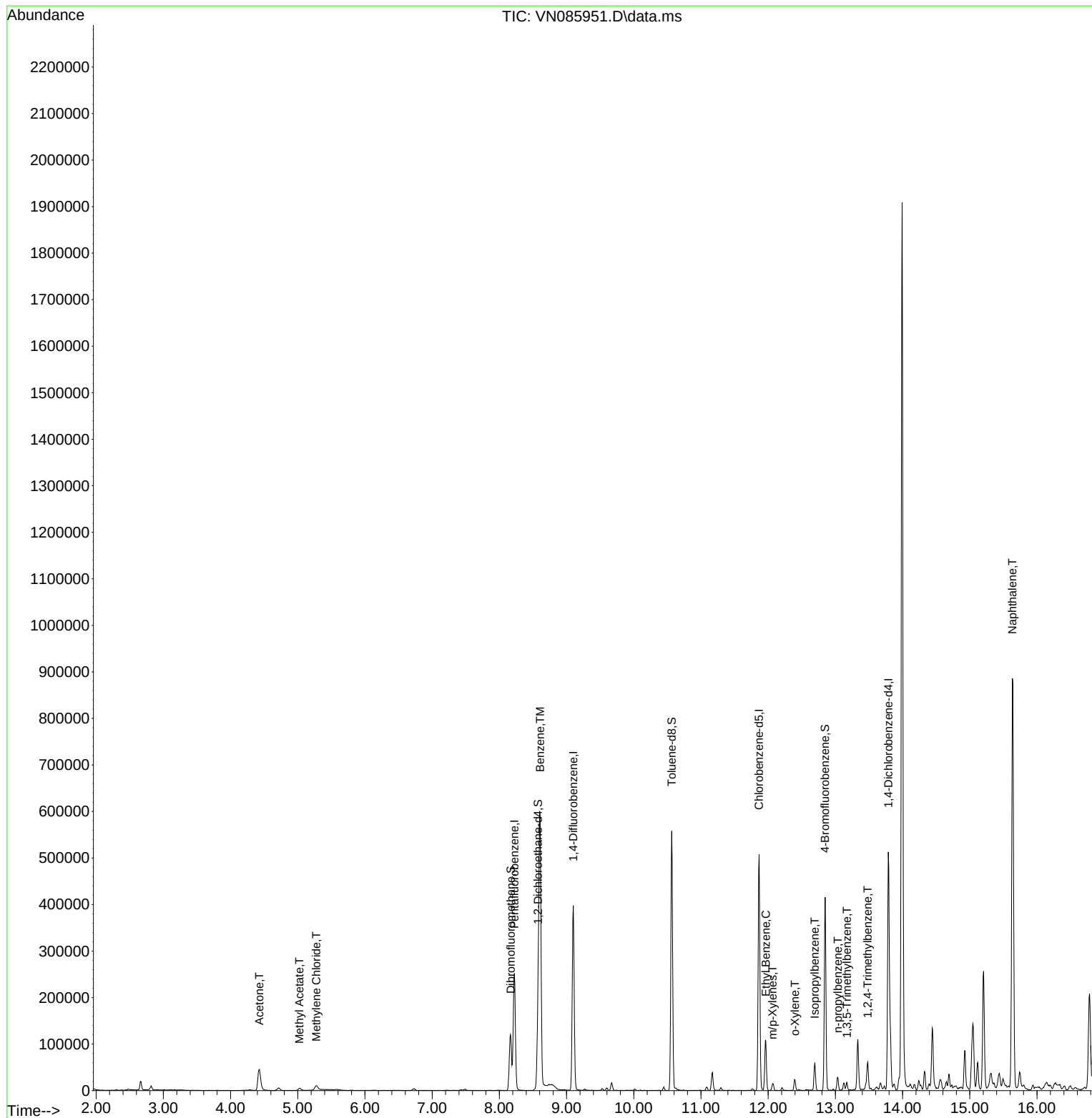
Internal Standards						
1) Pentafluorobenzene	8.224	168	182677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131854	55.673	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.340%			
35) Dibromofluoromethane	8.171	113	85936	38.287	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 76.580%			
50) Toluene-d8	10.565	98	388436	47.565	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.140%			
62) 4-Bromofluorobenzene	12.847	95	142339	52.902	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.800%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	86258	115.105	ug/l	98
18) Methyl Acetate	5.024	43	9937	3.855	ug/l	98
20) Methylene Chloride	5.277	84	7931	3.291	ug/l #	93
40) Benzene	8.606	78	608328	59.749	ug/l	99
67) Ethyl Benzene	11.965	91	78647	7.384	ug/l	97
68) m/p-Xylenes	12.065	106	5297	1.309	ug/l	98
69) o-Xylene	12.400	106	6683	1.738	ug/l	98
73) Isopropylbenzene	12.694	105	36480	3.837	ug/l	99
78) n-propylbenzene	13.035	91	23769	2.183	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	8313	1.073	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	33512	4.373	ug/l	97
95) Naphthalene	15.635	128	842164	139.106	ug/l	99

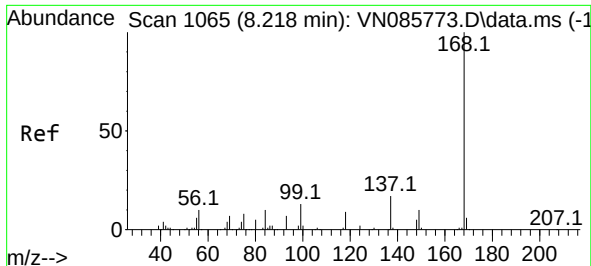
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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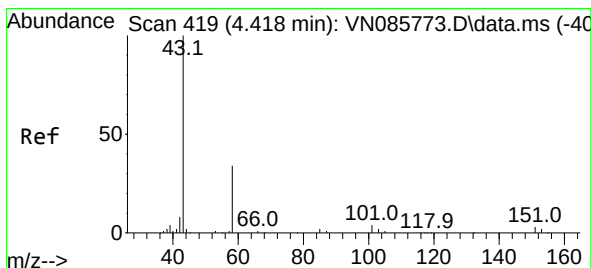
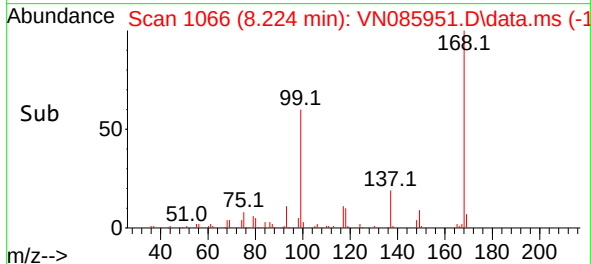
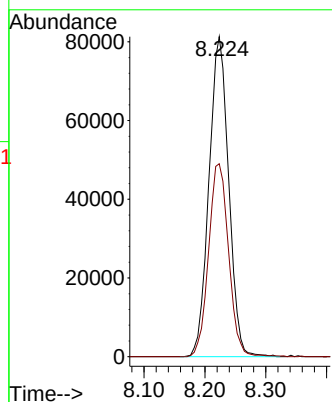
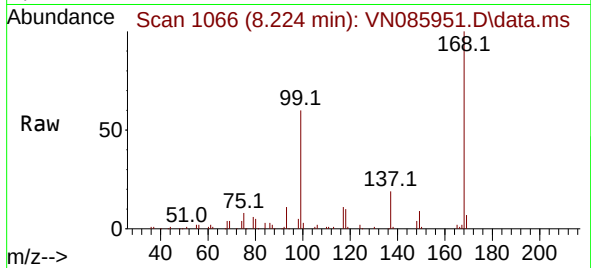




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

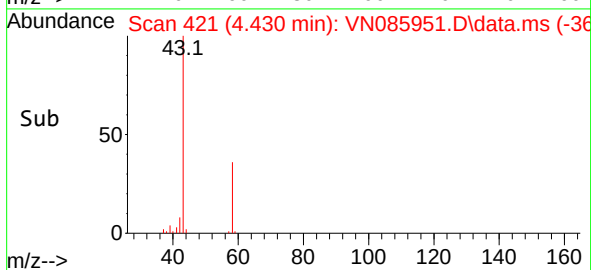
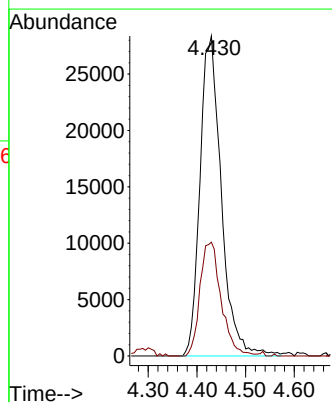
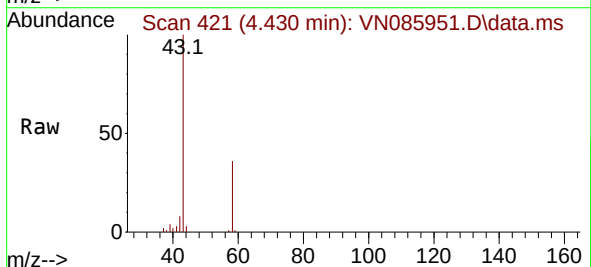
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MSVOA_N
ClientSampleId :
WC-A1-02-G

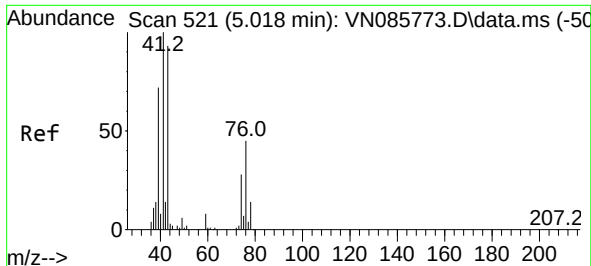
Tgt Ion:168 Resp: 182677
Ion Ratio Lower Upper
168 100
99 60.3 47.9 71.9



#16
Acetone
Concen: 115.105 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

Tgt Ion: 43 Resp: 86258
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3

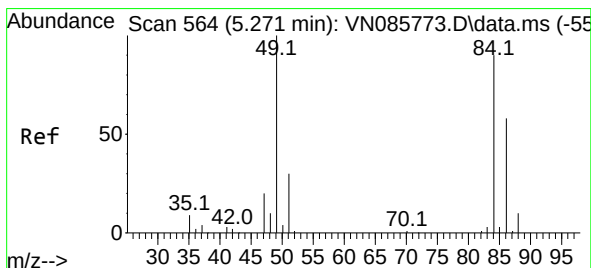
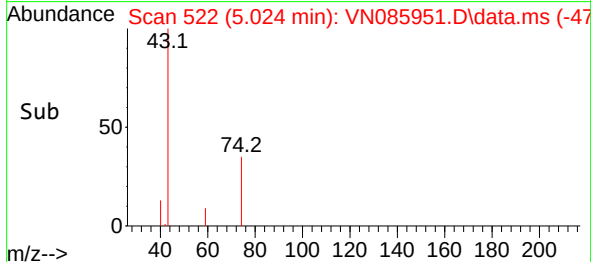
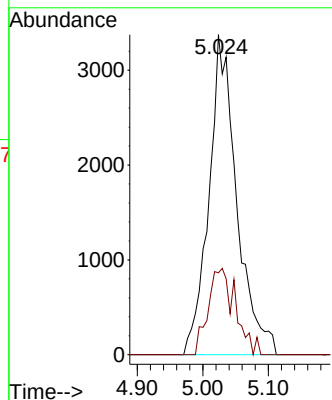
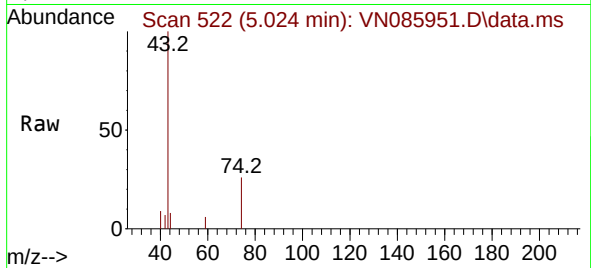




#18
Methyl Acetate
Concen: 3.855 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

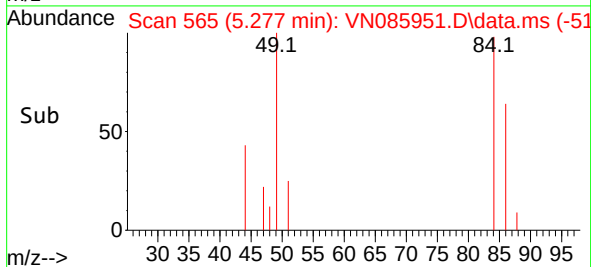
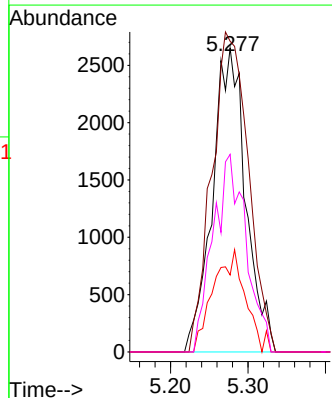
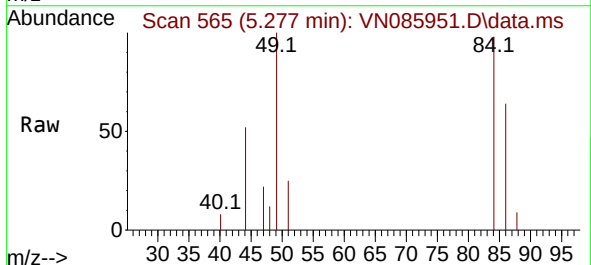
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-02-G

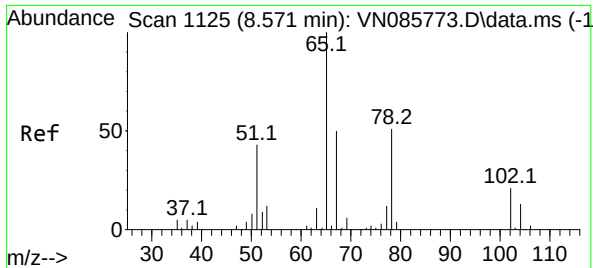
Tgt Ion: 43 Resp: 9937
Ion Ratio Lower Upper
43 100
74 26.6 22.2 33.4



#20
Methylene Chloride
Concen: 3.291 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

Tgt Ion: 84 Resp: 7931
Ion Ratio Lower Upper
84 100
49 102.2 88.4 132.6
51 25.3 26.6 40.0#
86 65.0 51.0 76.6

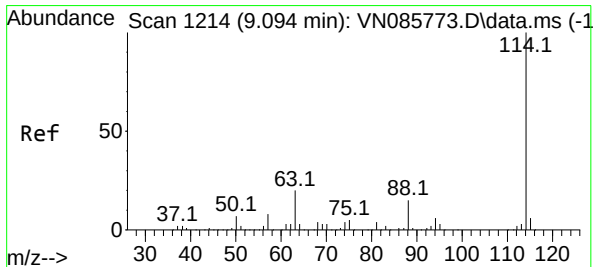
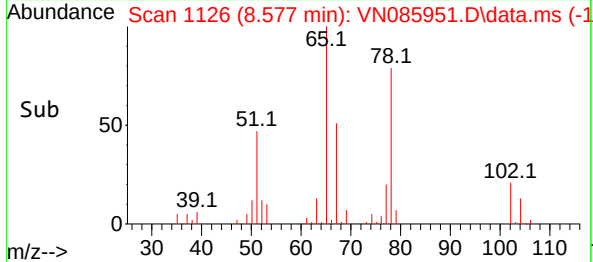
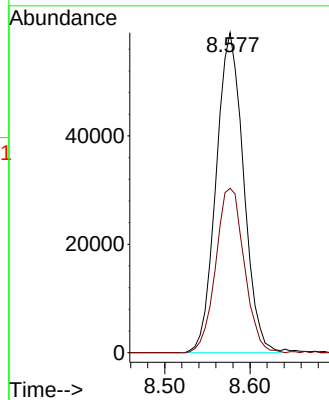
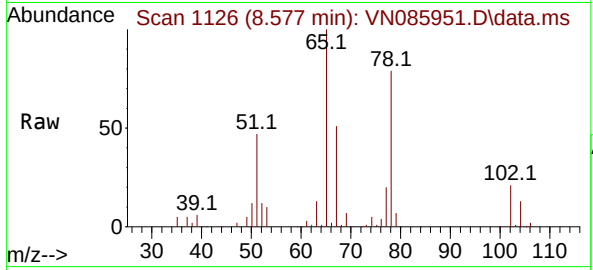




#33
1,2-Dichloroethane-d4
Concen: 55.673 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

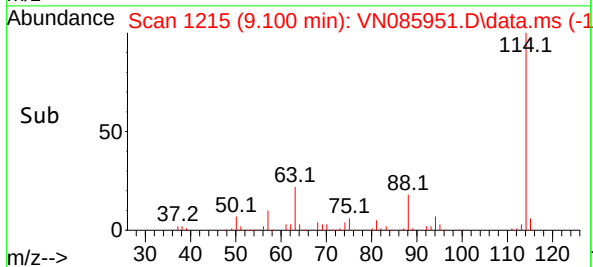
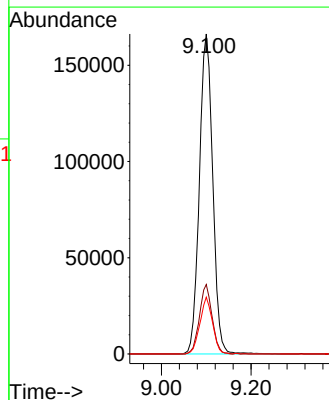
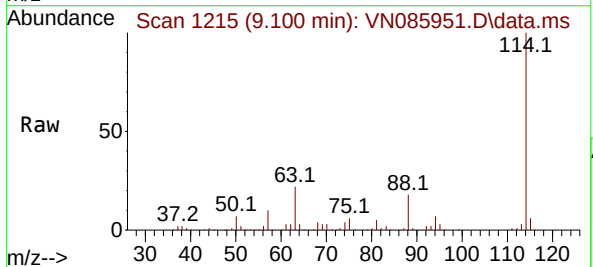
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-02-G

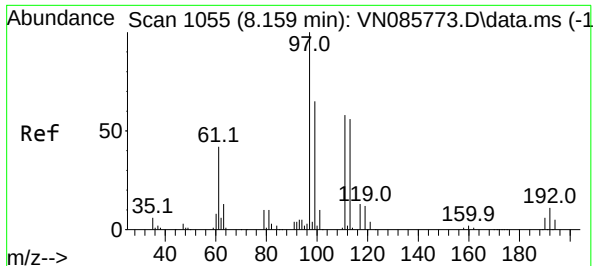
Tgt Ion: 65 Resp: 131854
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

Tgt Ion: 114 Resp: 343018
Ion Ratio Lower Upper
114 100
63 21.7 0.0 39.2
88 17.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 38.287 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.012 min

Lab File: VN085951.D

Acq: 11 Mar 2025 23:05

Instrument :

MSVOA_N

ClientSampleId :

WC-A1-02-G

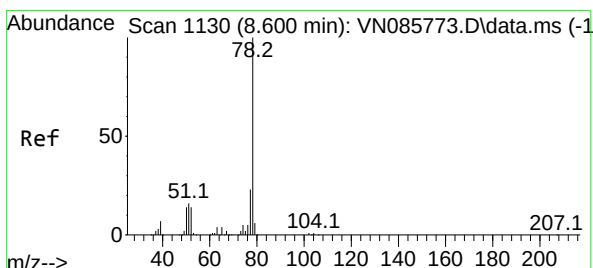
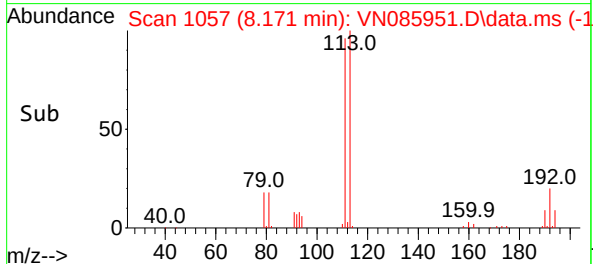
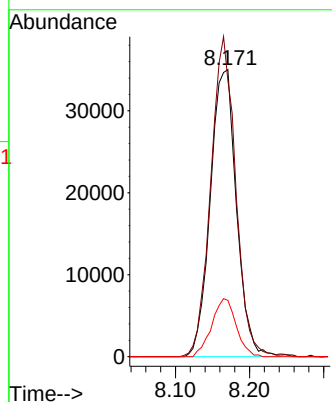
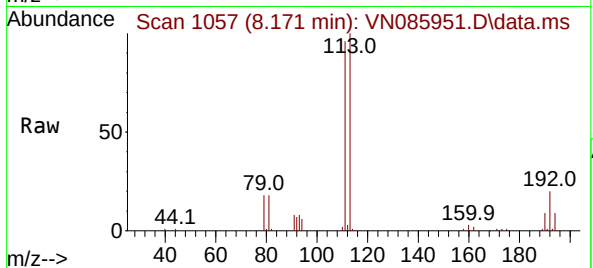
Tgt Ion:113 Resp: 85936

Ion Ratio Lower Upper

113 100

111 106.2 82.2 123.4

192 18.9 14.7 22.1



#40

Benzene

Concen: 59.749 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085951.D

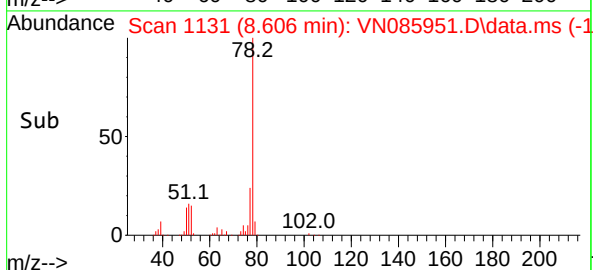
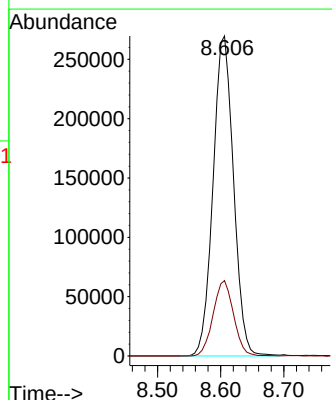
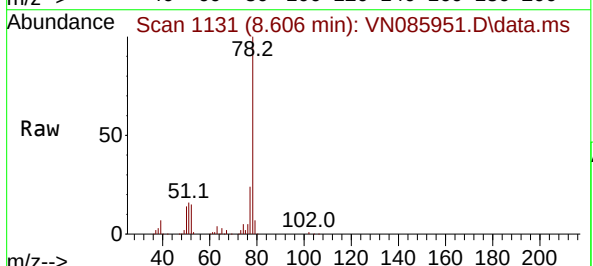
Acq: 11 Mar 2025 23:05

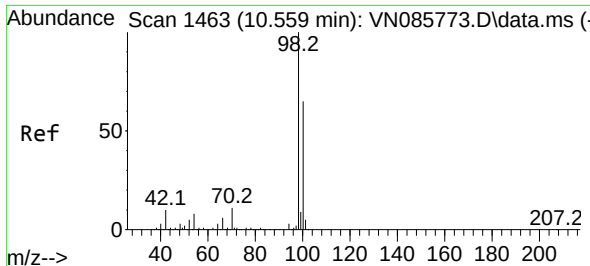
Tgt Ion: 78 Resp: 608328

Ion Ratio Lower Upper

78 100

77 23.6 18.3 27.5

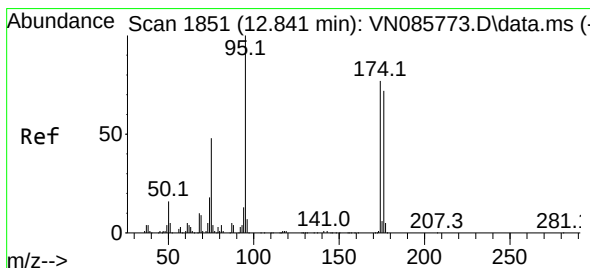
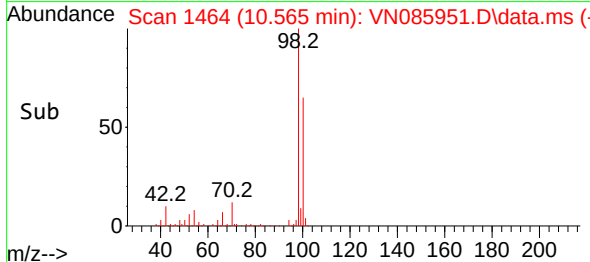
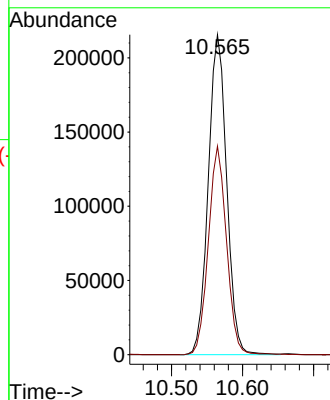
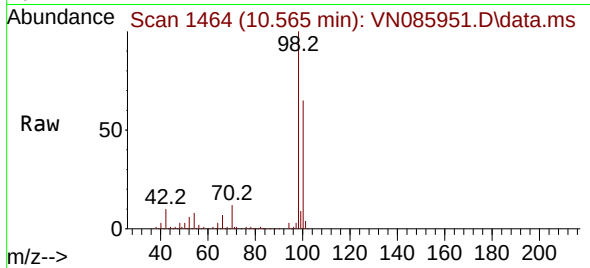




#50
Toluene-d8
Concen: 47.565 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

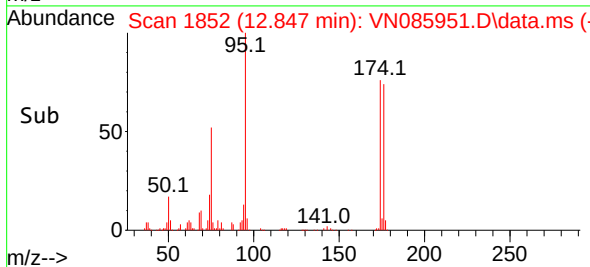
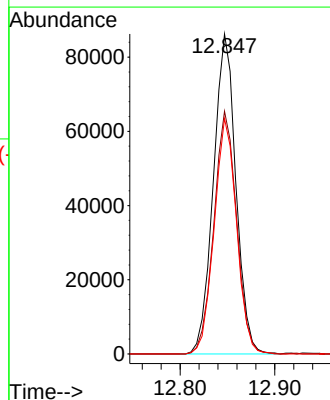
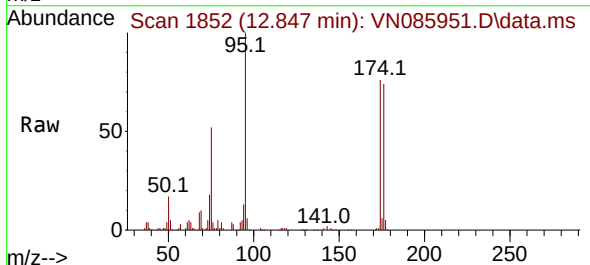
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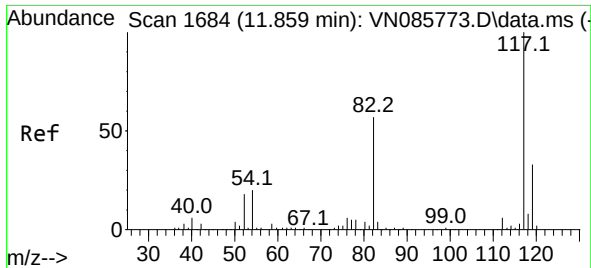
Tgt Ion: 98 Resp: 388436
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.902 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

Tgt Ion: 95 Resp: 142339
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.4
176 73.0 0.0 146.6

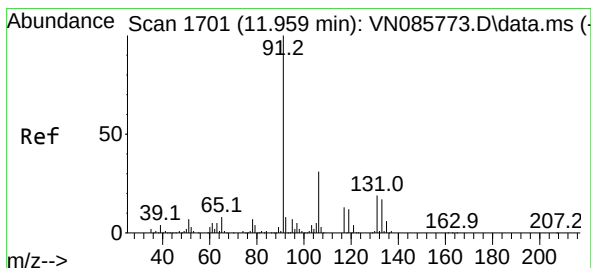
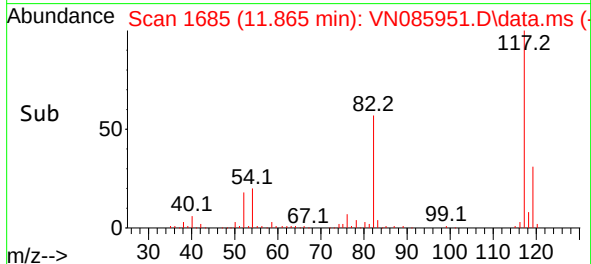
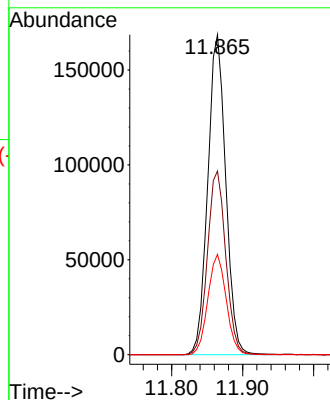
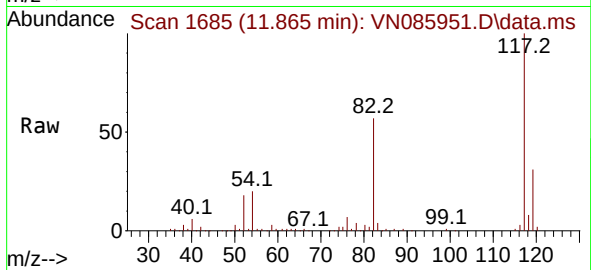




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

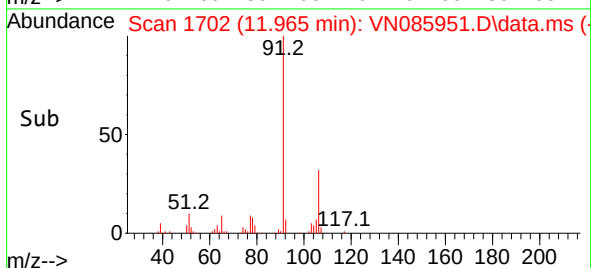
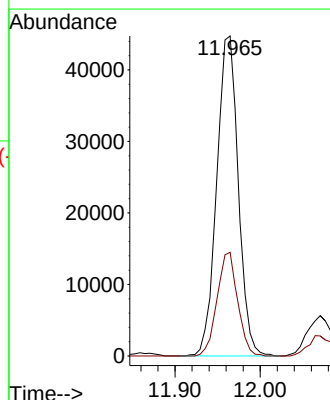
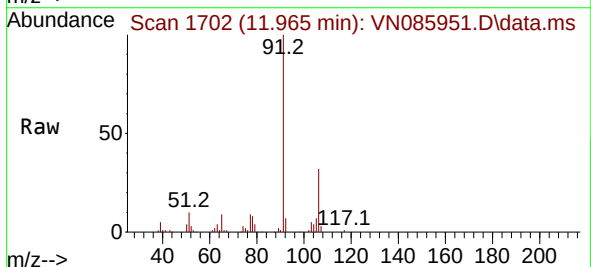
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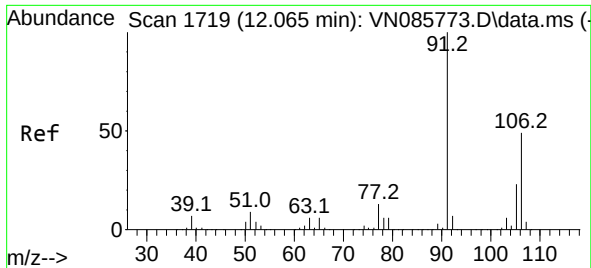
Tgt Ion:117 Resp: 296805
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 31.3 26.2 39.2



#67
Ethyl Benzene
Concen: 7.384 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

Tgt Ion: 91 Resp: 78647
Ion Ratio Lower Upper
91 100
106 32.4 24.7 37.1

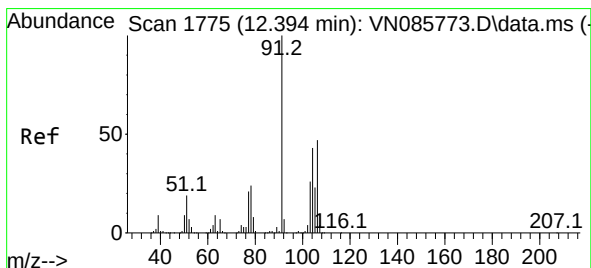
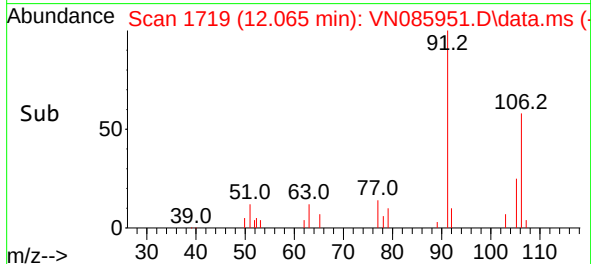
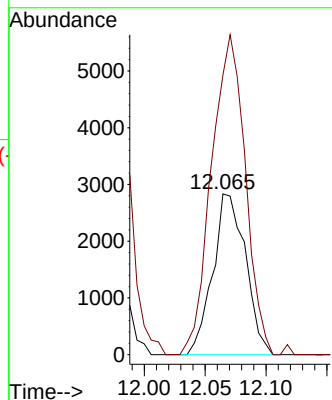
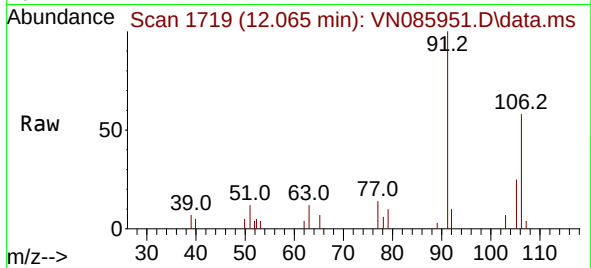




#68
m/p-Xylenes
Concen: 1.309 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

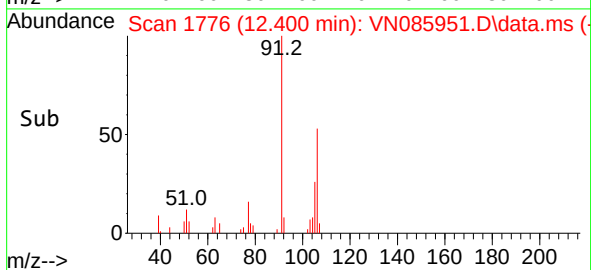
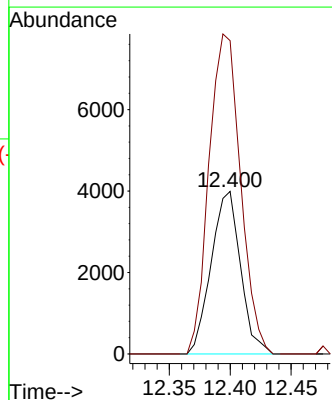
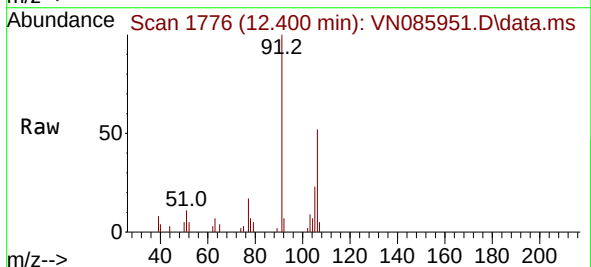
Instrument :
MSVOA_N
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WC-A1-02-G

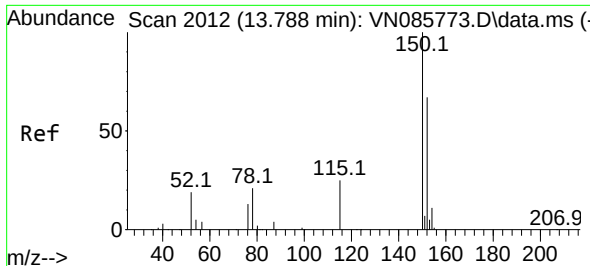
Tgt Ion:106 Resp: 5297
Ion Ratio Lower Upper
106 100
91 206.5 163.3 244.9



#69
o-Xylene
Concen: 1.738 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

Tgt Ion:106 Resp: 6683
Ion Ratio Lower Upper
106 100
91 211.2 107.1 321.4

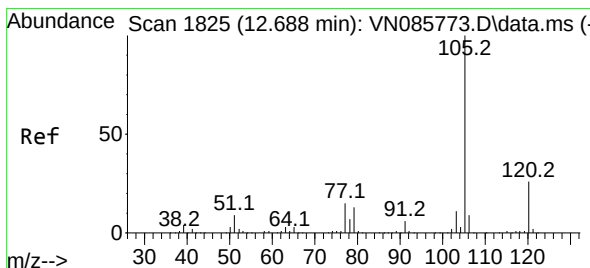
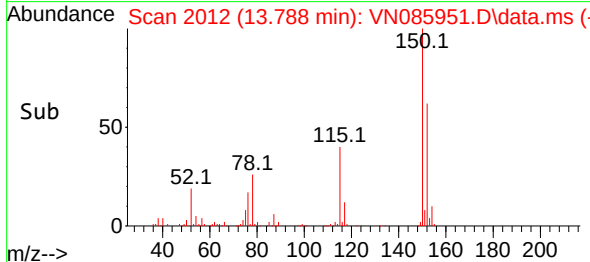
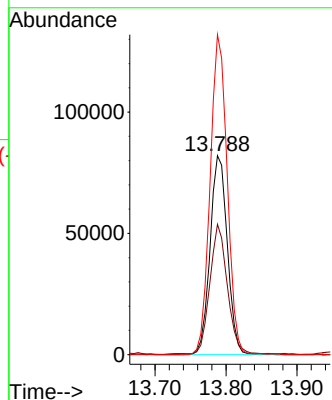
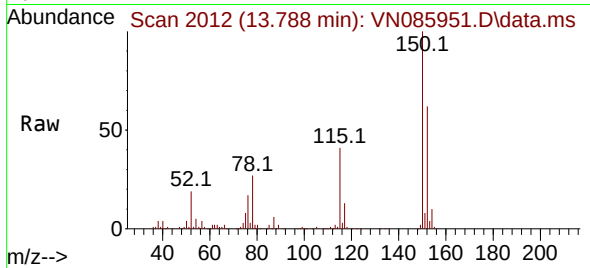




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

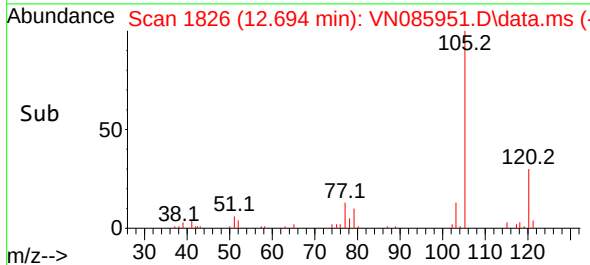
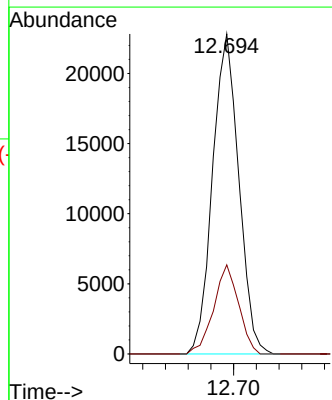
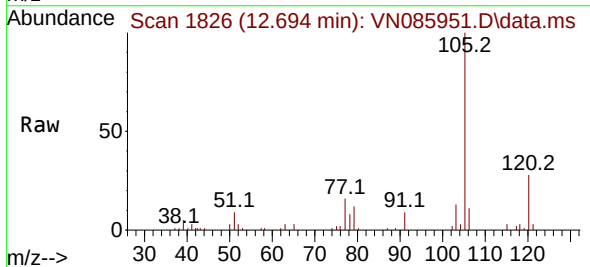
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-02-G

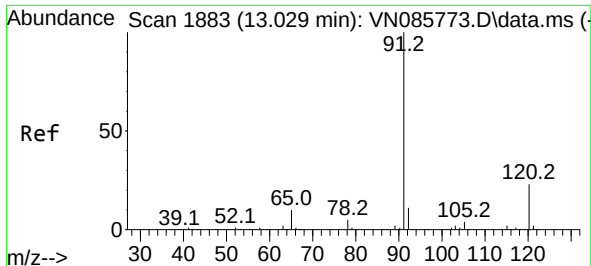
Tgt Ion:152 Resp: 138779
Ion Ratio Lower Upper
152 100
115 64.9 30.4 91.3
150 158.6 0.0 345.4



#73
Isopropylbenzene
Concen: 3.837 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

Tgt Ion:105 Resp: 36480
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

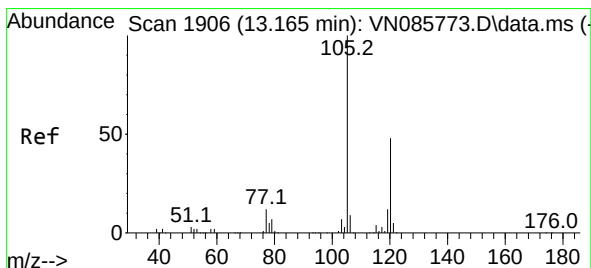
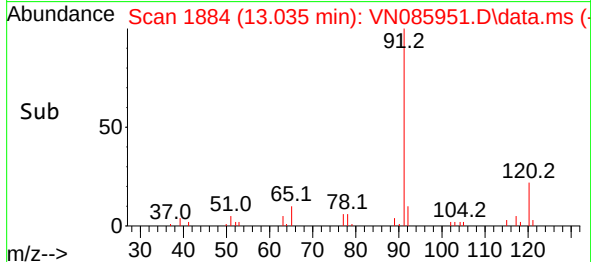
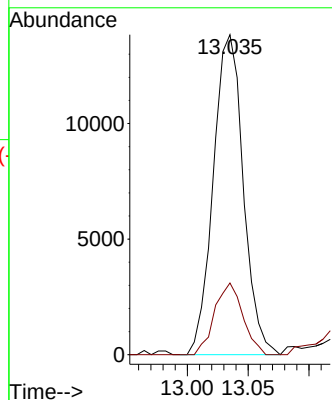
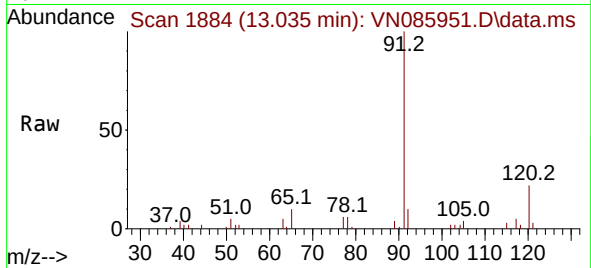




#78
n-propylbenzene
Concen: 2.183 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

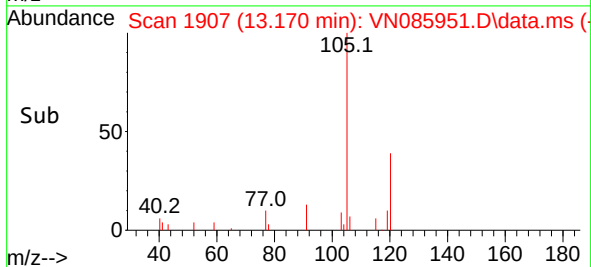
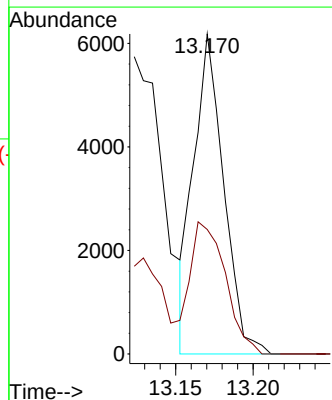
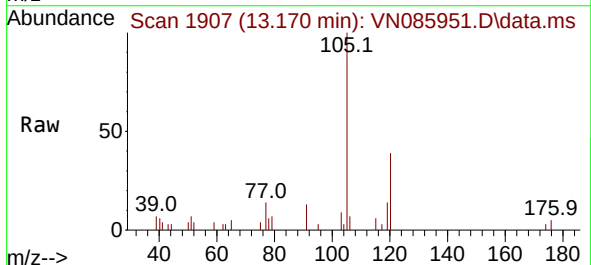
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-02-G

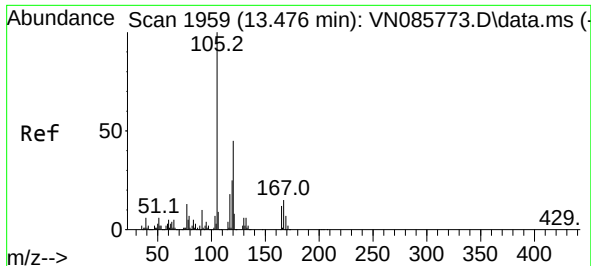
Tgt Ion: 91 Resp: 23769
Ion Ratio Lower Upper
91 100
120 21.1 11.3 33.8



#80
1,3,5-Trimethylbenzene
Concen: 1.073 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

Tgt Ion: 105 Resp: 8313
Ion Ratio Lower Upper
105 100
120 50.7 24.3 72.9

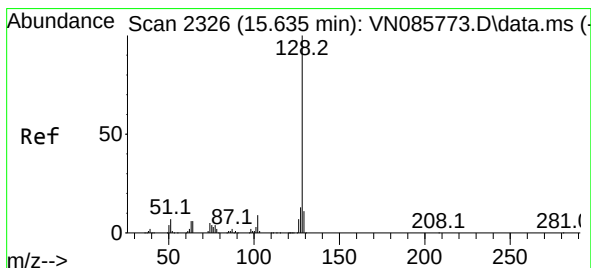
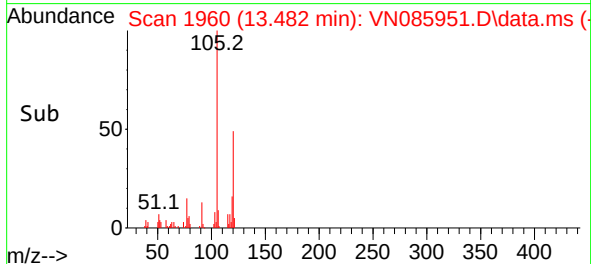
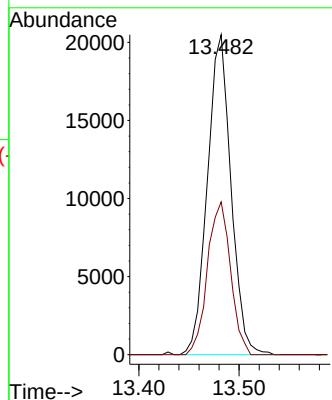
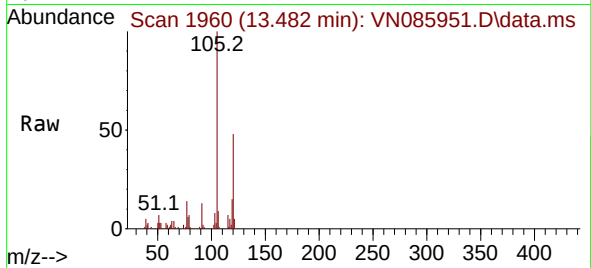




#84
1,2,4-Trimethylbenzene
Concen: 4.373 ug/l
RT: 13.482 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

Instrument :
MSVOA_N
ClientSampleId :
WC-A1-02-G

Tgt Ion:105 Resp: 33512
Ion Ratio Lower Upper
105 100
120 46.6 22.4 67.3



#95
Naphthalene
Concen: 139.106 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085951.D
Acq: 11 Mar 2025 23:05

Tgt Ion:128 Resp: 842164
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.5 8.7 13.1

