

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085950.D
 Acq On : 11 Mar 2025 22:41
 Operator : JC\MD
 Sample : Q1523-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A1-01-G

Quant Time: Mar 12 01:32:59 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)

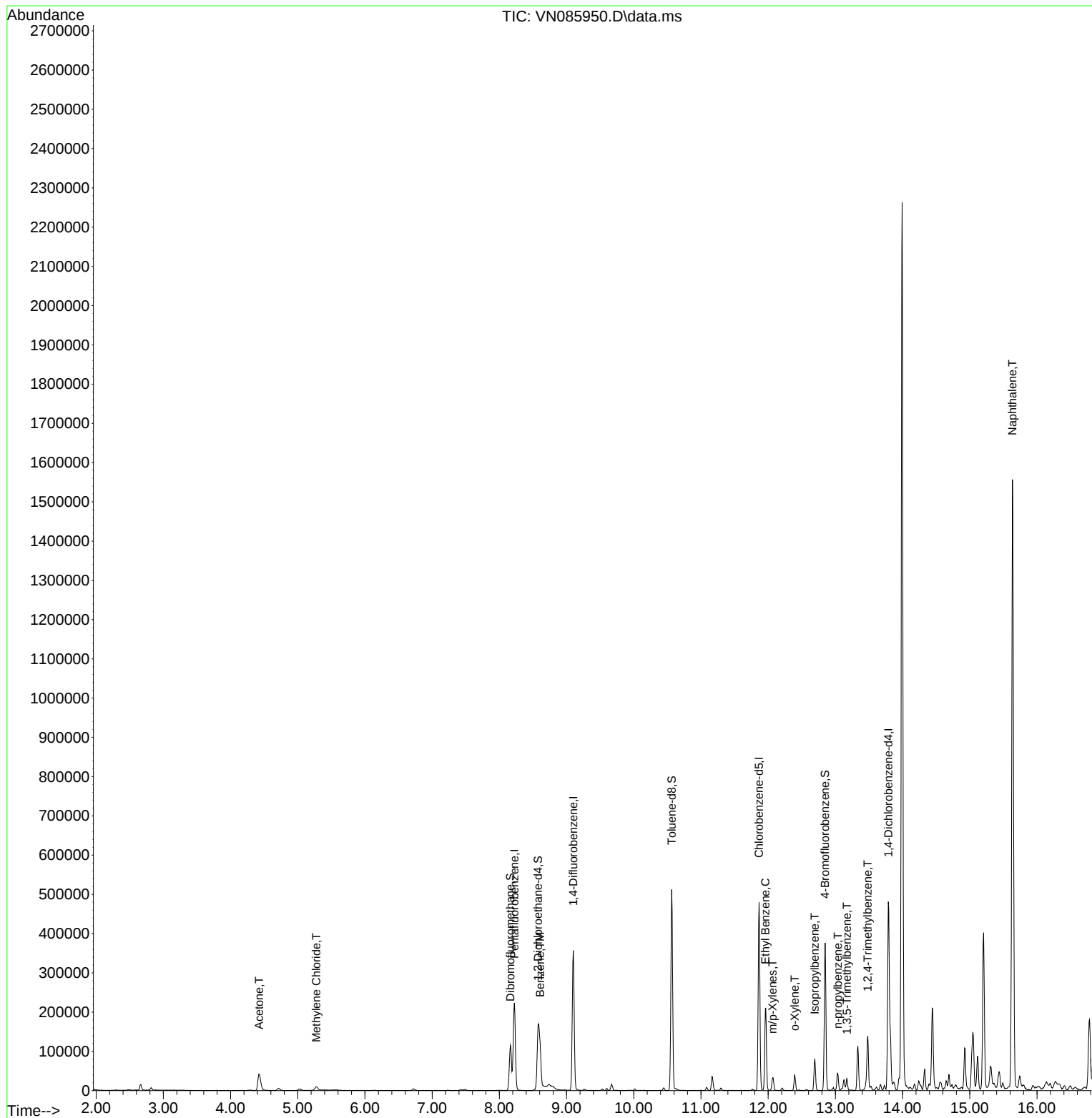
Internal Standards						
1) Pentafluorobenzene	8.224	168	158843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121127	58.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.640%			
35) Dibromofluoromethane	8.165	113	81889	41.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 82.180%			
50) Toluene-d8	10.565	98	351447	48.474	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.940%			
62) 4-Bromofluorobenzene	12.847	95	131130	54.895	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.780%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	79751	122.390	ug/l	96
20) Methylene Chloride	5.277	84	7214	3.443	ug/l	84
40) Benzene	8.606	78	111463	12.331	ug/l	99
67) Ethyl Benzene	11.959	91	155826	15.659	ug/l	97
68) m/p-Xylenes	12.065	106	11259	2.979	ug/l	97
69) o-Xylene	12.394	106	9977	2.778	ug/l	97
73) Isopropylbenzene	12.694	105	51020	5.617	ug/l	99
78) n-propylbenzene	13.035	91	36974	3.555	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	15272	2.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	77617	10.603	ug/l	100
95) Naphthalene	15.635	128	1410441	243.874	ug/l	100

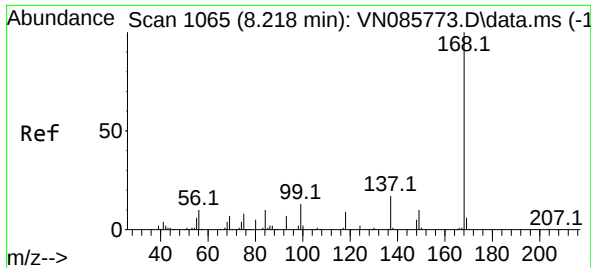
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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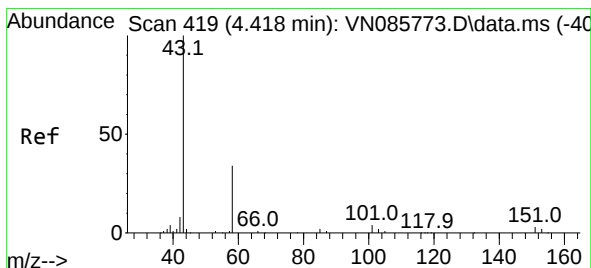
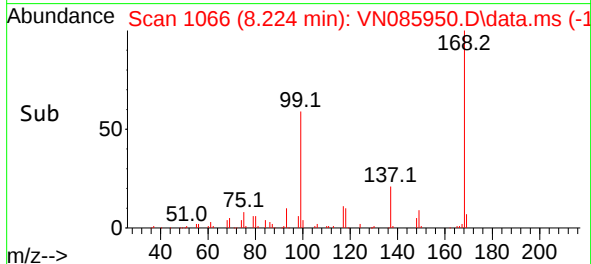
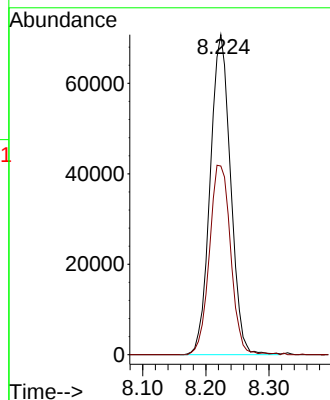
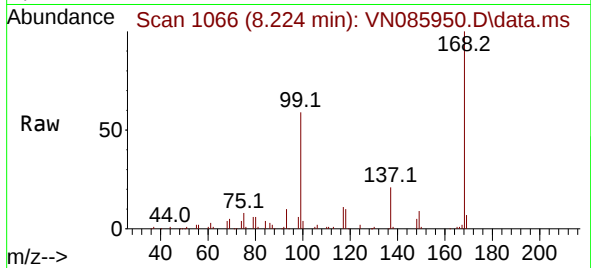




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

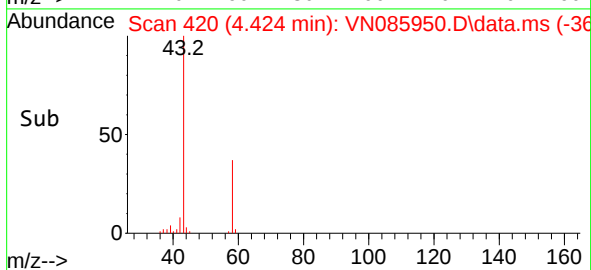
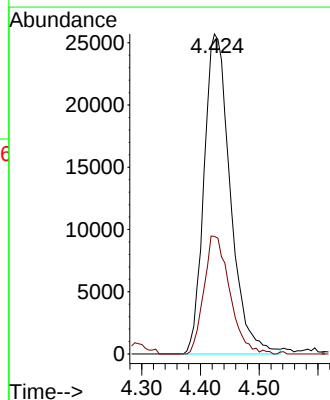
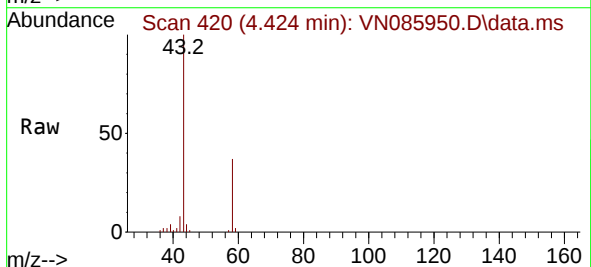
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-01-G

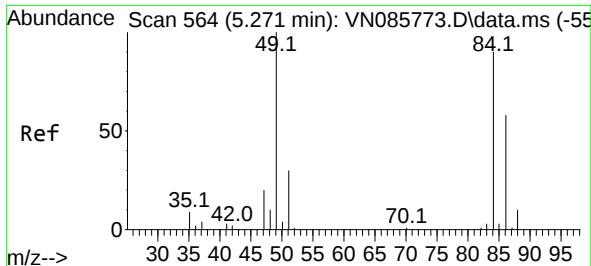
Tgt Ion:168 Resp: 158843
Ion Ratio Lower Upper
168 100
99 58.9 47.9 71.9



#16
Acetone
Concen: 122.390 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 43 Resp: 79751
Ion Ratio Lower Upper
43 100
58 36.8 27.5 41.3





#20

Methylene Chloride

Concen: 3.443 ug/l

RT: 5.277 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

Instrument :

MSVOA_N

ClientSampleId :

WC-A1-01-G

Tgt Ion: 84 Resp: 7214

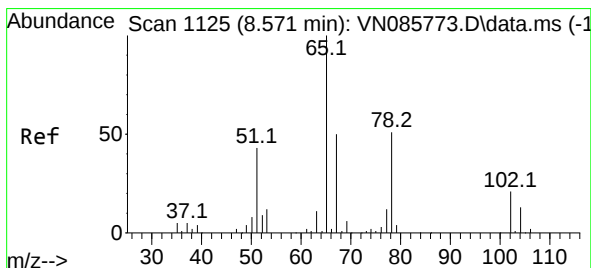
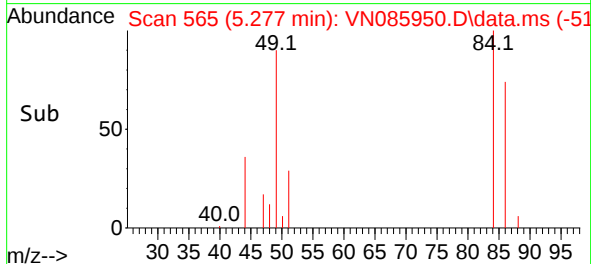
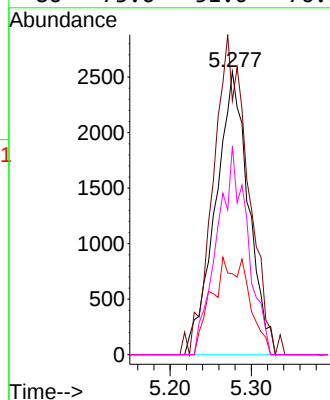
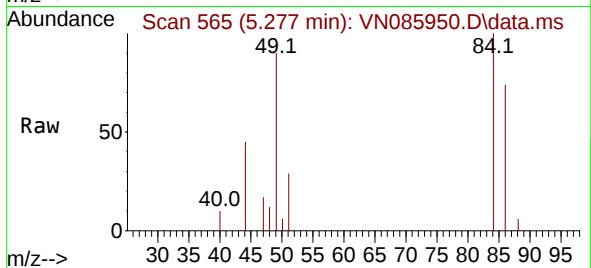
Ion Ratio Lower Upper

84 100

49 89.8 88.4 132.6

51 28.6 26.6 40.0

86 73.6 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 58.818 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085950.D

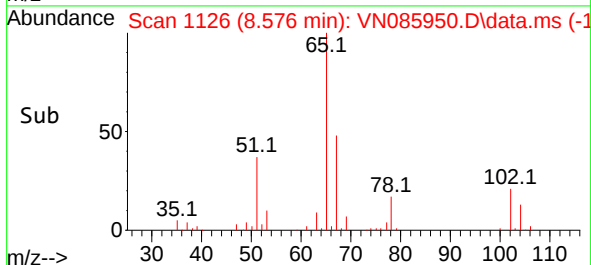
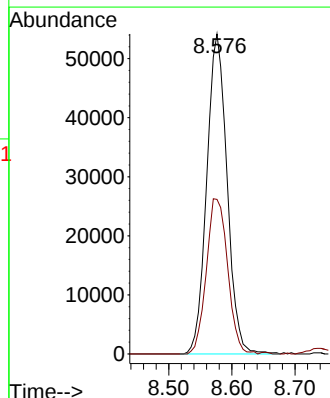
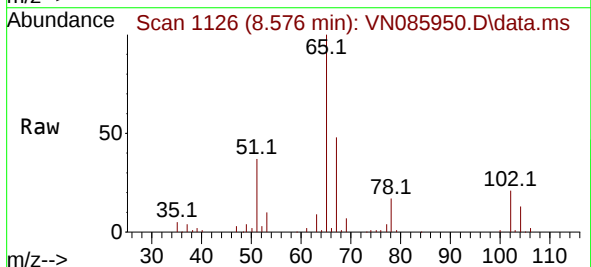
Acq: 11 Mar 2025 22:41

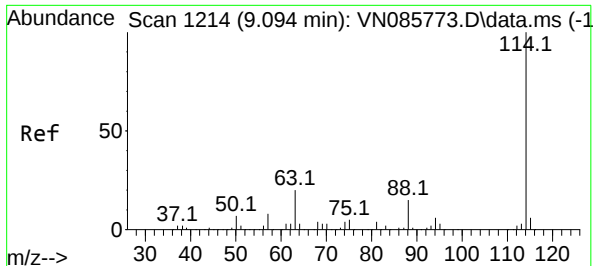
Tgt Ion: 65 Resp: 121127

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

Instrument :

MSVOA_N

ClientSampleId :

WC-A1-01-G

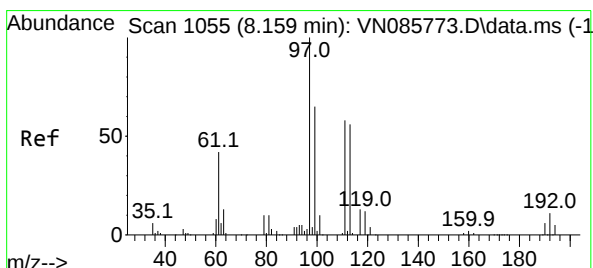
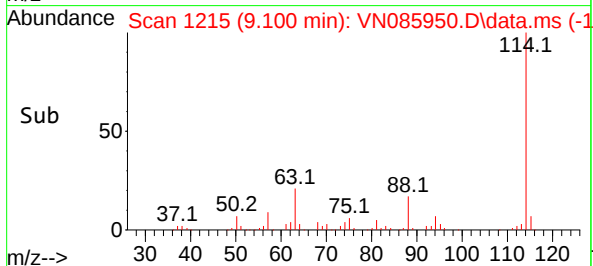
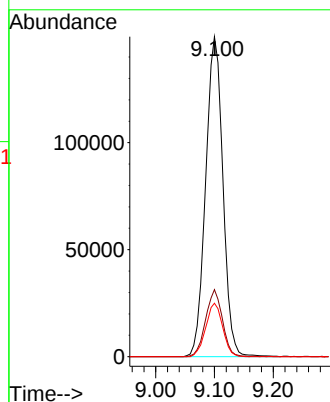
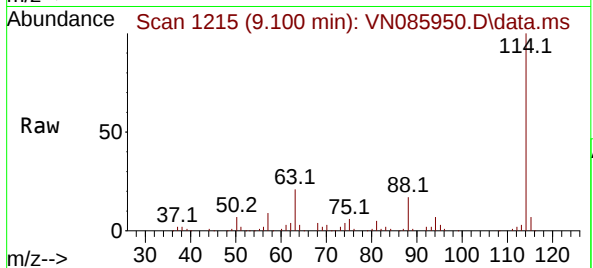
Tgt Ion:114 Resp: 304534

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

88 16.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 41.094 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

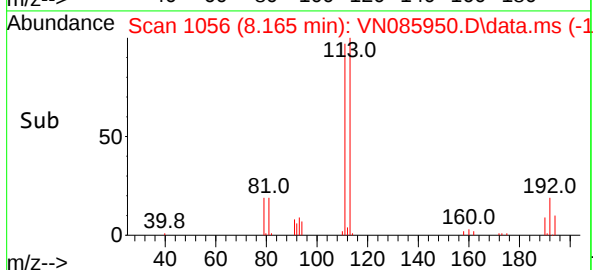
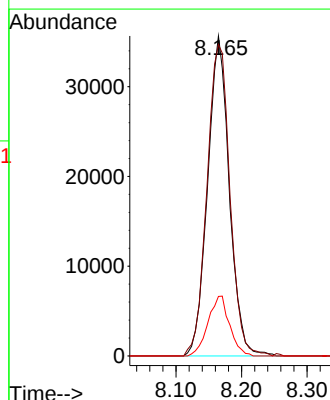
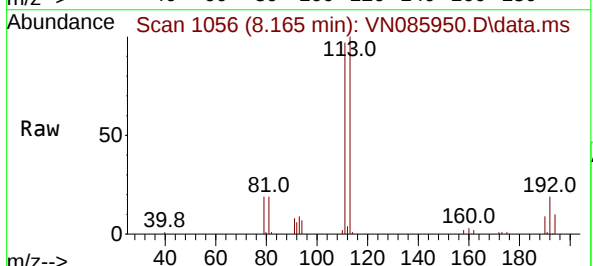
Tgt Ion:113 Resp: 81889

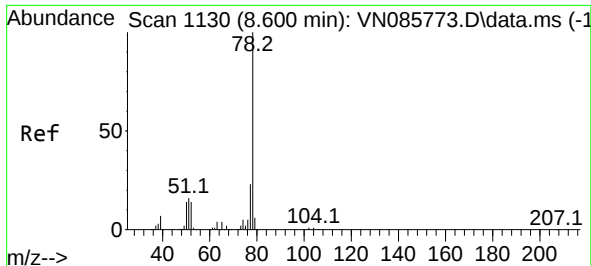
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 18.6 14.7 22.1

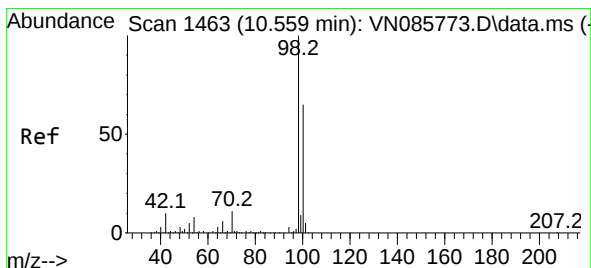
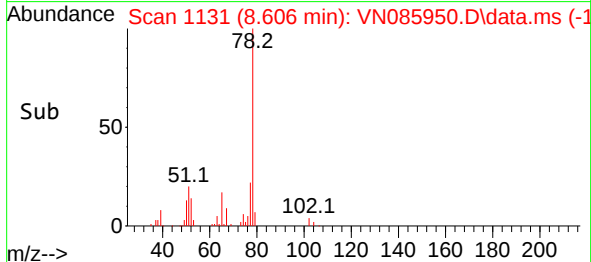
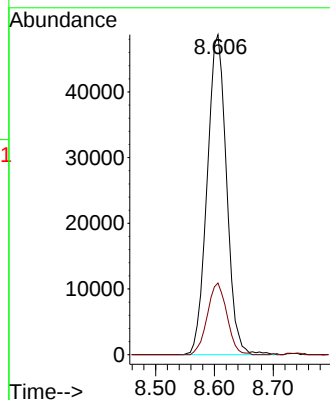
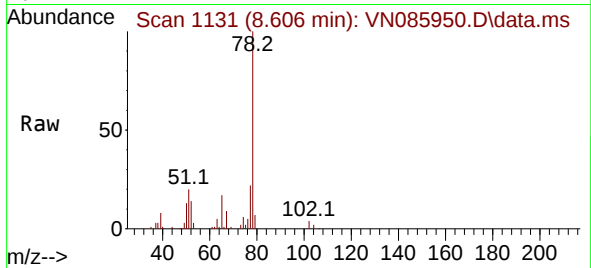




#40
Benzene
Concen: 12.331 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

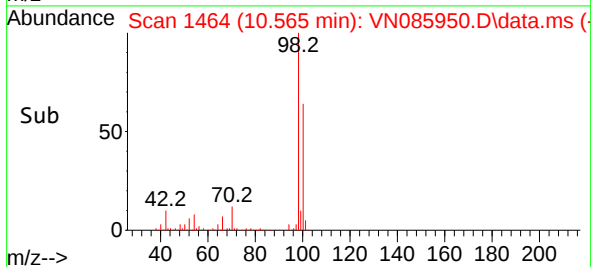
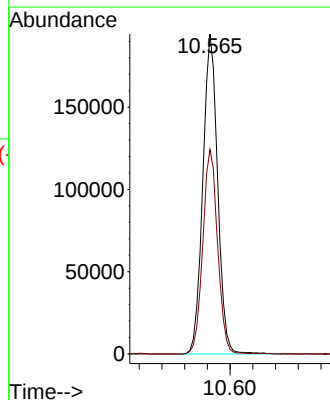
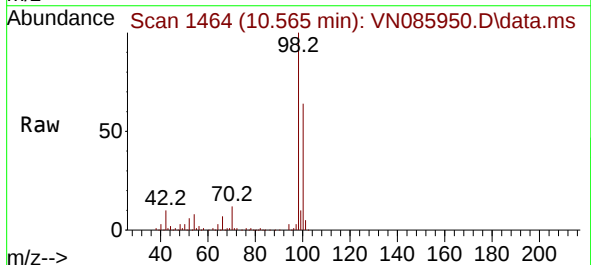
Instrument :
MSVOA_N
ClientSampleId :
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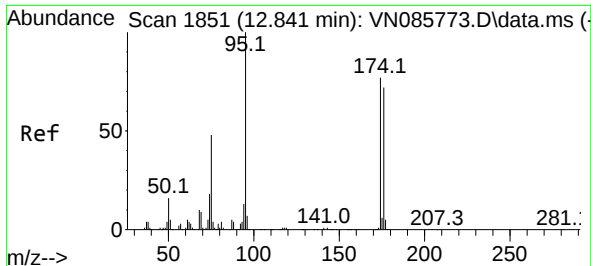
Tgt Ion: 78 Resp: 111463
Ion Ratio Lower Upper
78 100
77 22.4 18.3 27.5



#50
Toluene-d8
Concen: 48.474 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 98 Resp: 351447
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1

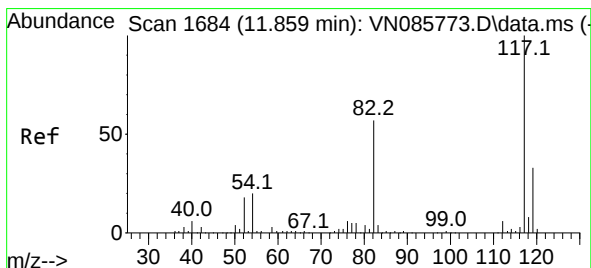
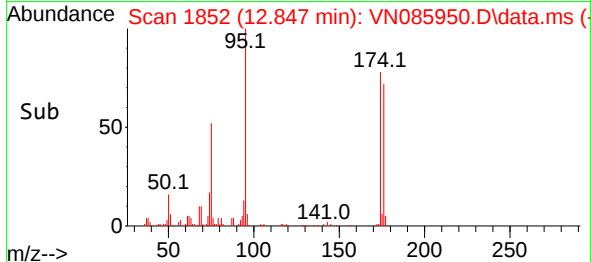
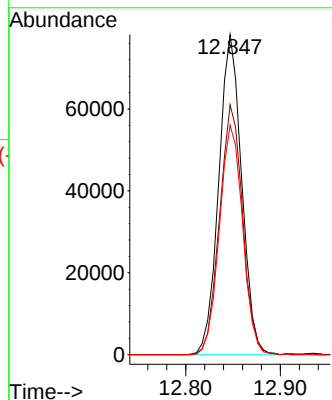
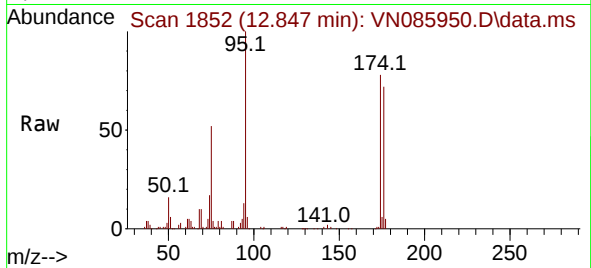




#62
4-Bromofluorobenzene
Concen: 54.895 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

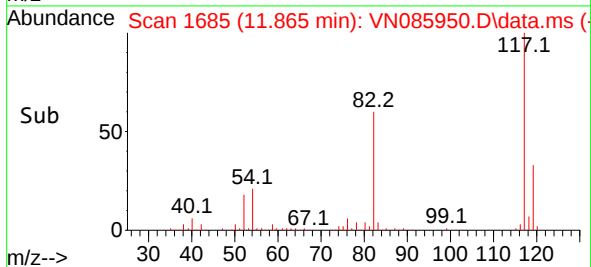
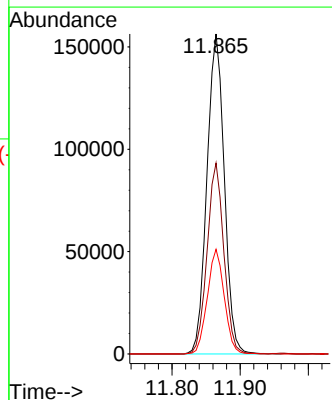
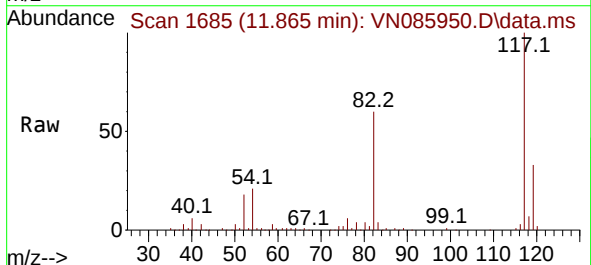
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MSVOA_N
ClientSampleId :
WC-A1-01-G

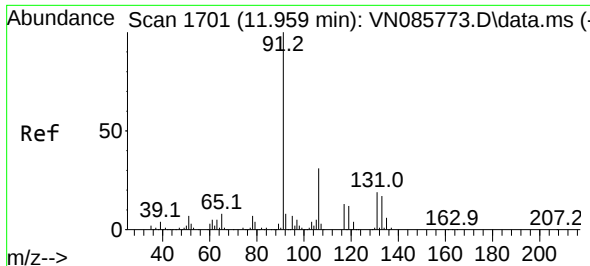
Tgt Ion: 95 Resp: 131130
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.4
176 73.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 117 Resp: 277310
Ion Ratio Lower Upper
117 100
82 59.7 45.7 68.5
119 32.7 26.2 39.2

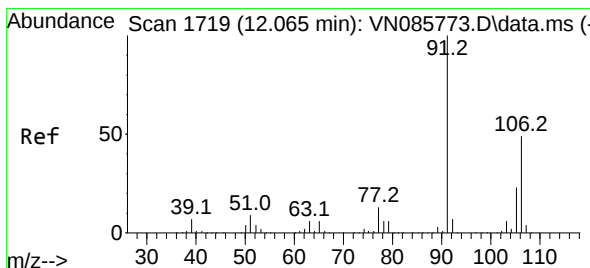
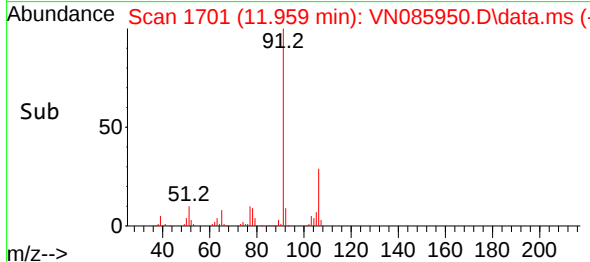
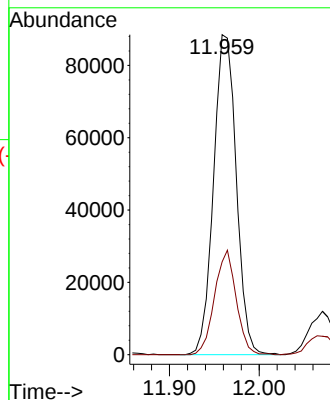
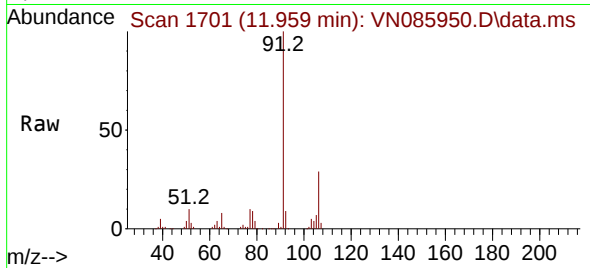




#67
Ethyl Benzene
Concen: 15.659 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

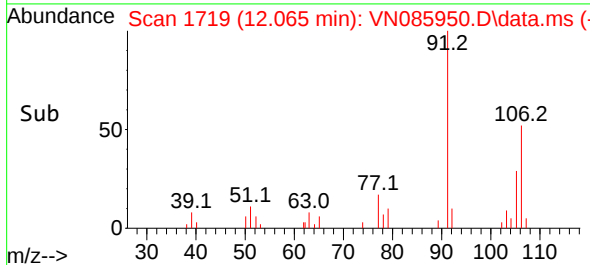
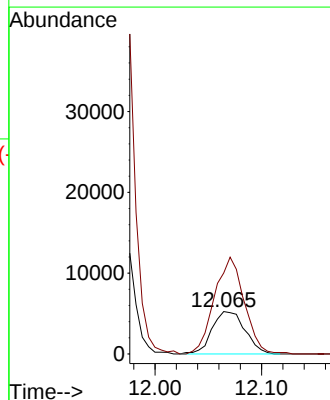
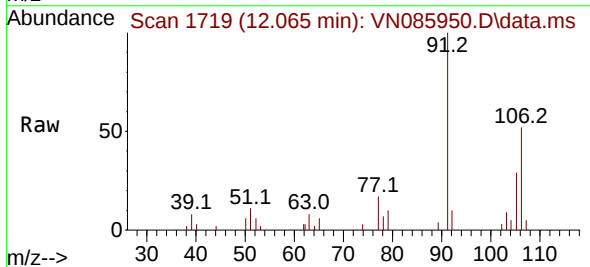
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WC-A1-01-G

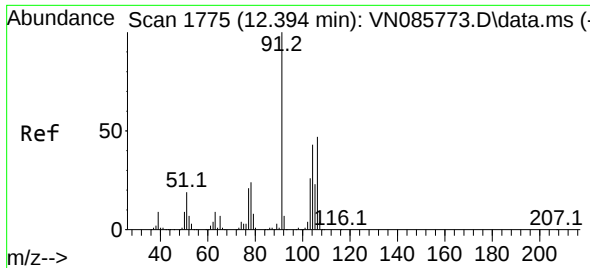
Tgt Ion: 91 Resp: 155826
Ion Ratio Lower Upper
91 100
106 29.0 24.7 37.1



#68
m/p-Xylenes
Concen: 2.979 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion:106 Resp: 11259
Ion Ratio Lower Upper
106 100
91 208.1 163.3 244.9

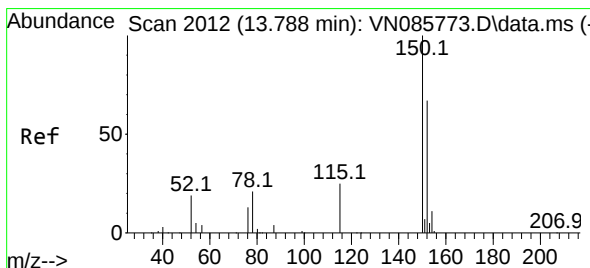
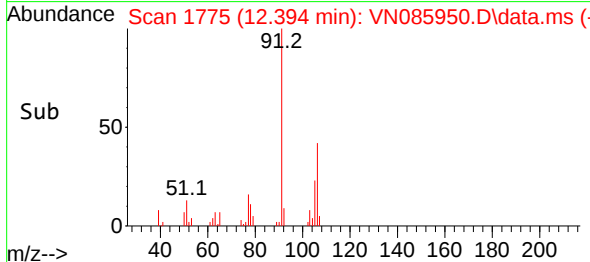
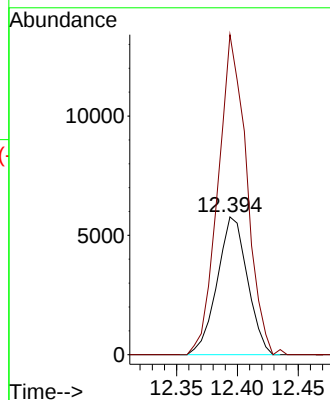
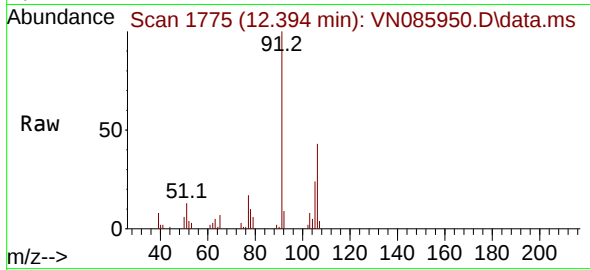




#69
o-Xylene
Concen: 2.778 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

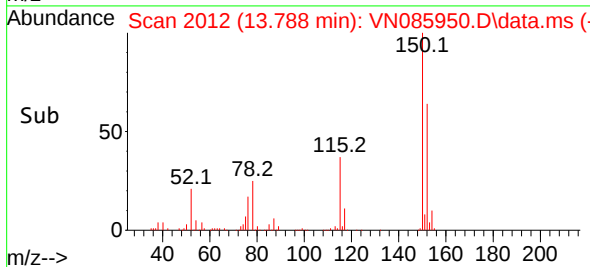
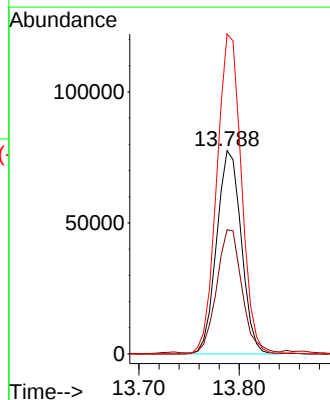
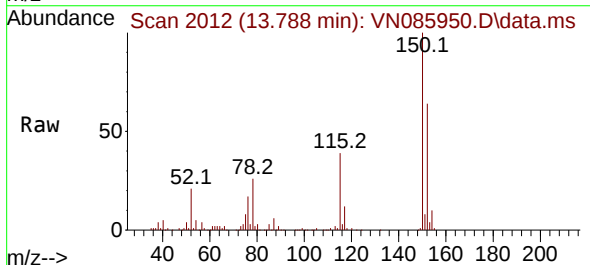
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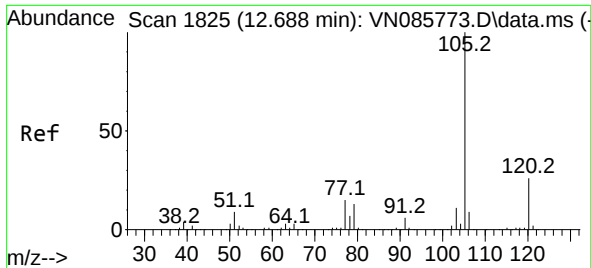
Tgt Ion:106 Resp: 9977
Ion Ratio Lower Upper
106 100
91 219.3 107.1 321.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion:152 Resp: 132575
Ion Ratio Lower Upper
152 100
115 61.9 30.4 91.3
150 157.1 0.0 345.4

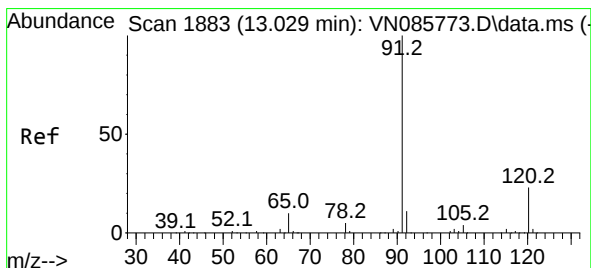
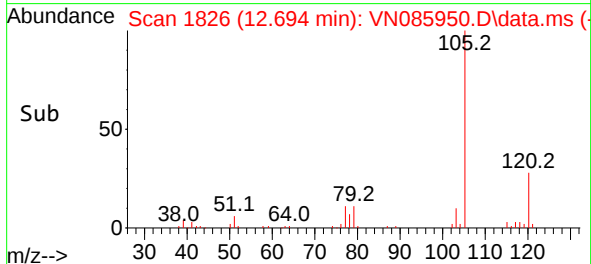
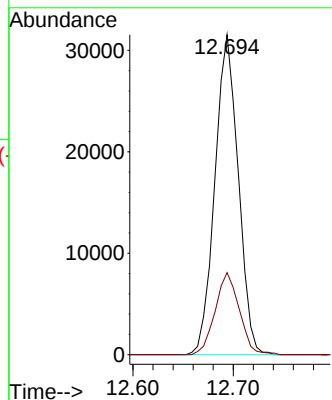
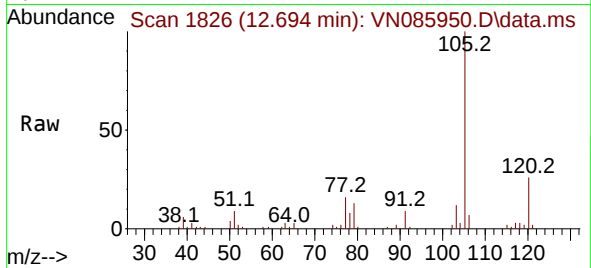




#73
Isopropylbenzene
Concen: 5.617 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

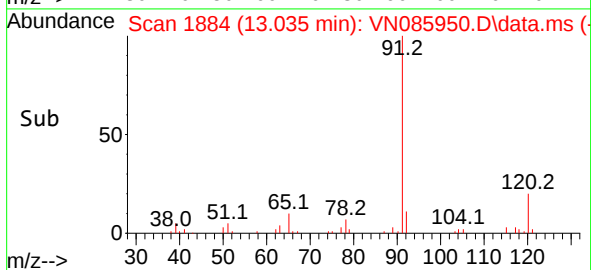
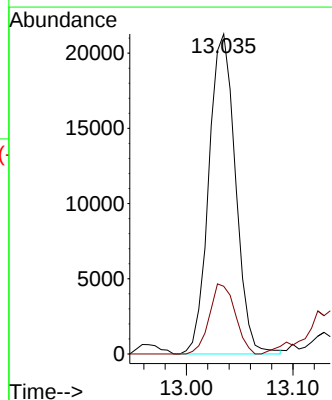
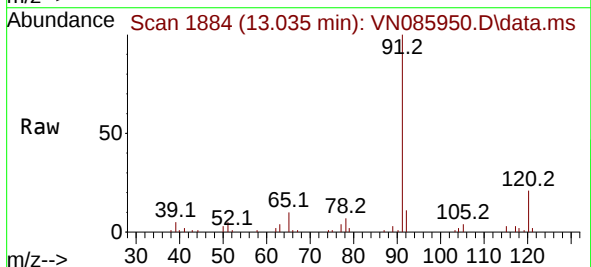
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-01-G

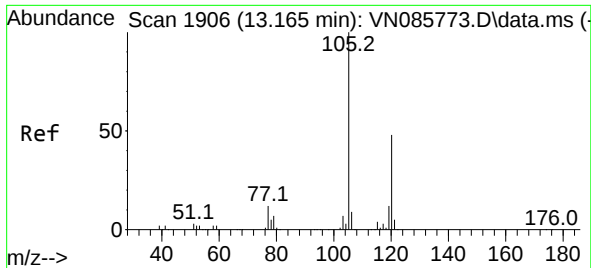
Tgt Ion:105 Resp: 51020
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0



#78
n-propylbenzene
Concen: 3.555 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 91 Resp: 36974
Ion Ratio Lower Upper
91 100
120 21.1 11.3 33.8

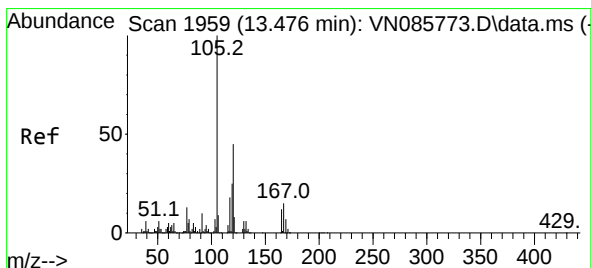
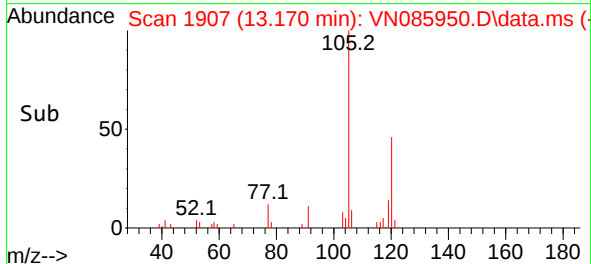
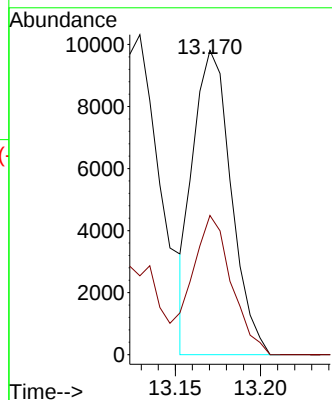
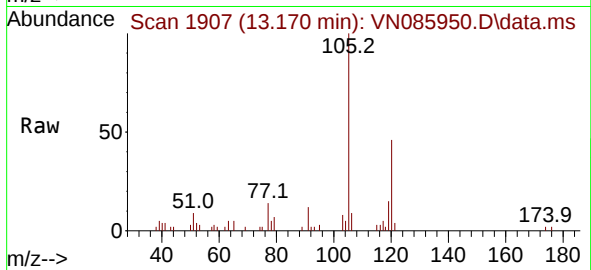




#80
 1,3,5-Trimethylbenzene
 Concen: 2.064 ug/l
 RT: 13.170 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VN085950.D
 Acq: 11 Mar 2025 22:41

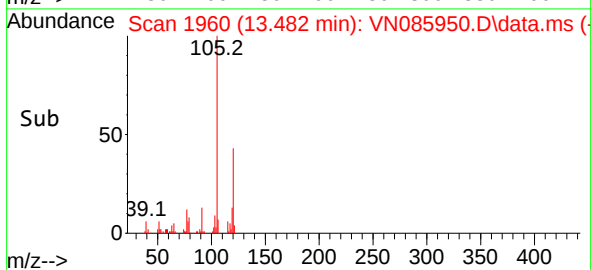
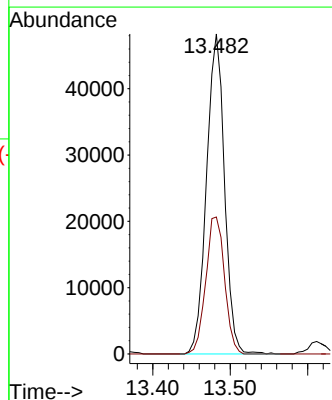
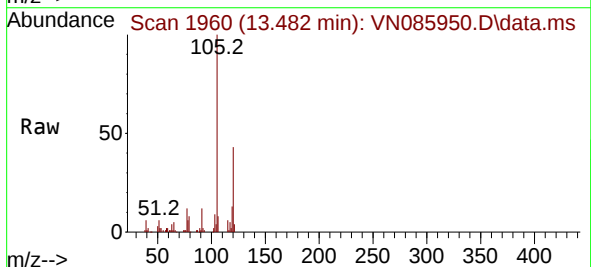
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A1-01-G

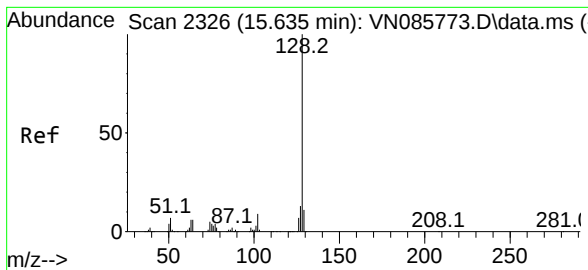
Tgt Ion:105 Resp: 15272
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 10.603 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085950.D
 Acq: 11 Mar 2025 22:41

Tgt Ion:105 Resp: 77617
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3





#95
Naphthalene
Concen: 243.874 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Instrument :
MSVOA_N
ClientSampleId :
WC-A1-01-G

Tgt Ion:128 Resp: 1410441
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.7 13.1

