

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086757.D
 Acq On : 22 May 2025 11:31
 Operator : JC\MD
 Sample : Q2078-09RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A1-06A-GRE

Quant Time: May 23 01:34:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

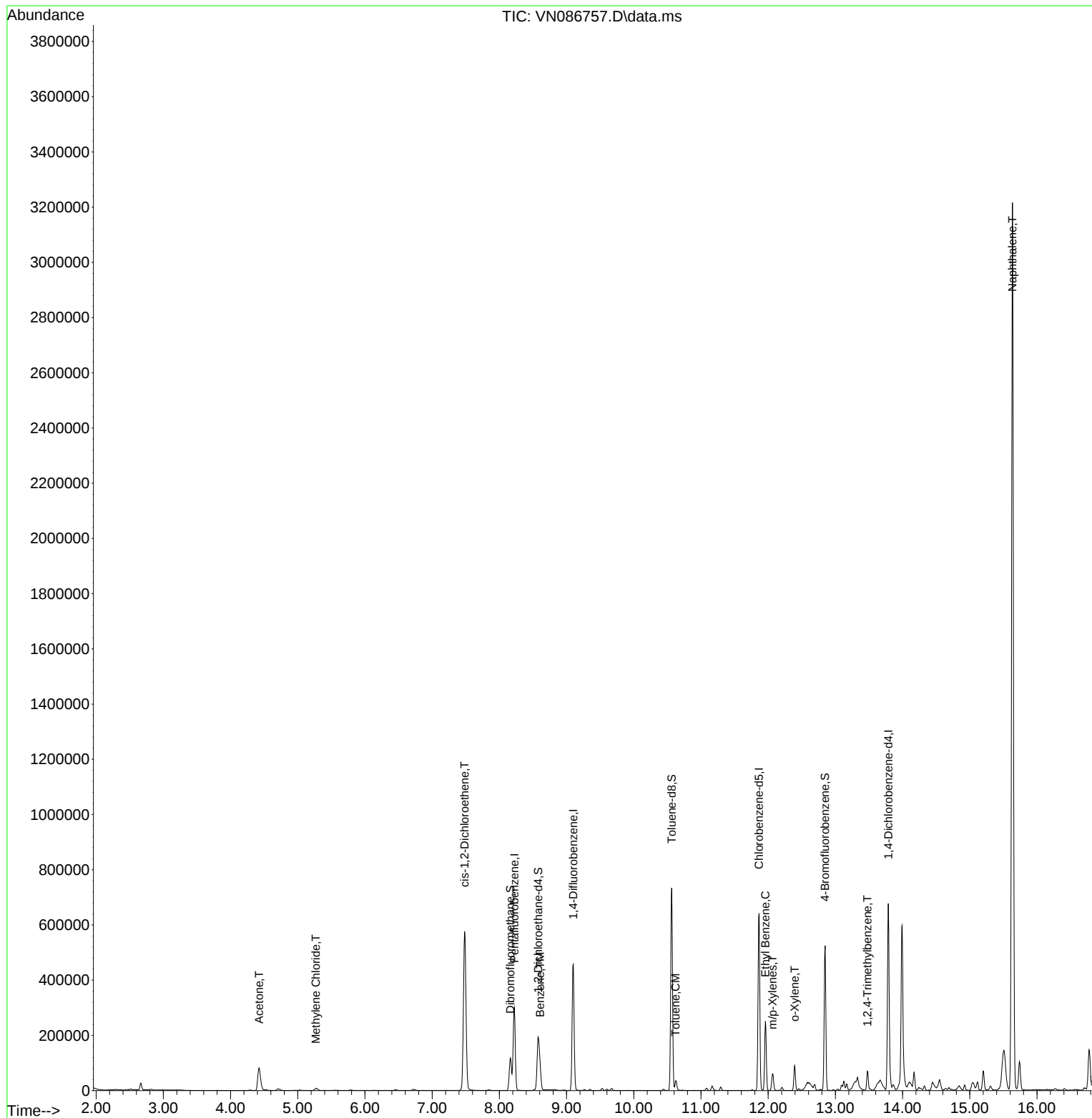
Internal Standards						
1) Pentafluorobenzene	8.224	168	235723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	434380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	408257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	195863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142364	43.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.420%
35) Dibromofluoromethane	8.165	113	91129	35.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	70.460%#
50) Toluene-d8	10.565	98	540448	50.413	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.847	95	201576	53.253	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.500%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	156911	128.781	ug/l	92
20) Methylene Chloride	5.271	84	7002	2.178	ug/l	92
27) cis-1,2-Dichloroethene	7.482	96	374486	109.754	ug/l	88
40) Benzene	8.606	78	90968	7.308	ug/l	97
52) Toluene	10.623	92	16210	2.095	ug/l	97
67) Ethyl Benzene	11.959	91	192690	12.566	ug/l	98
68) m/p-Xylenes	12.065	106	21589	3.717	ug/l	98
69) o-Xylene	12.394	106	26413	4.574	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	42595	3.529	ug/l	98
95) Naphthalene	15.635	128	3134516	341.238	ug/l	100

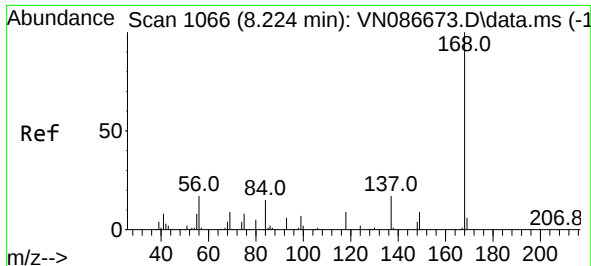
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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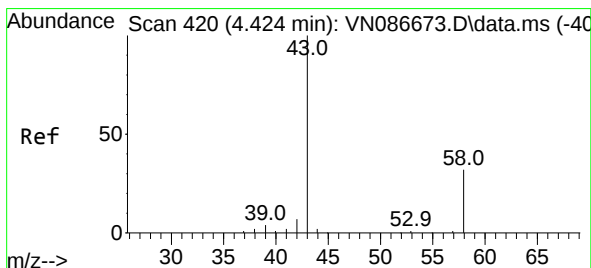
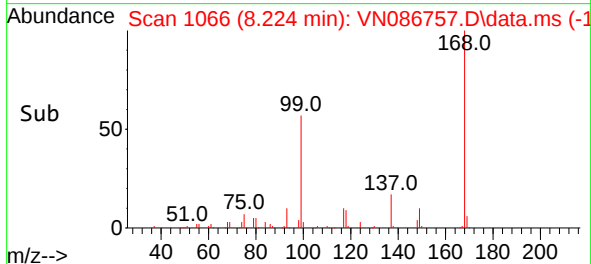
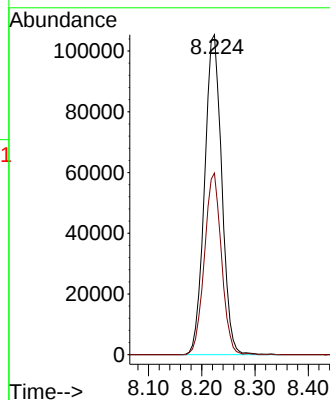
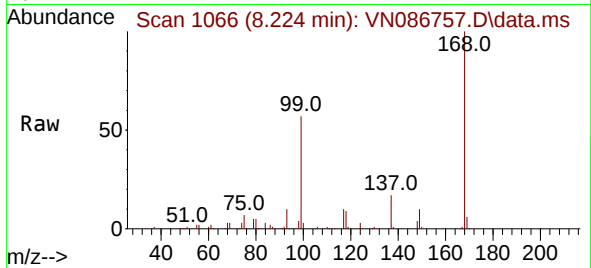




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

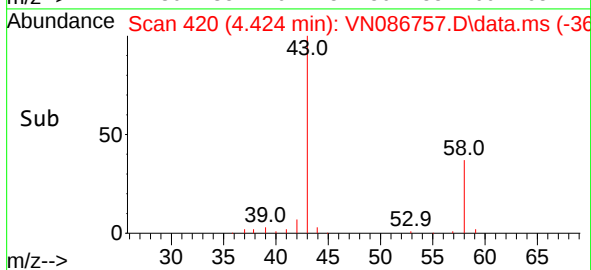
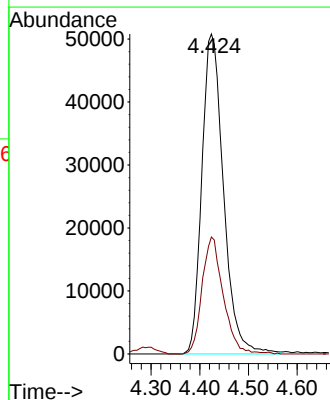
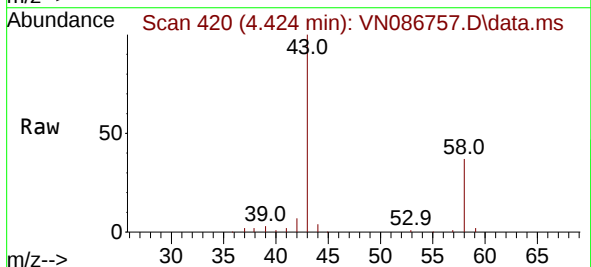
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-06A-GRE

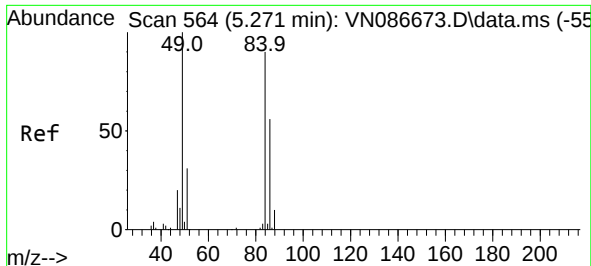
Tgt Ion:168 Resp: 235723
Ion Ratio Lower Upper
168 100
99 56.8 47.0 70.4



#16
Acetone
Concen: 128.781 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

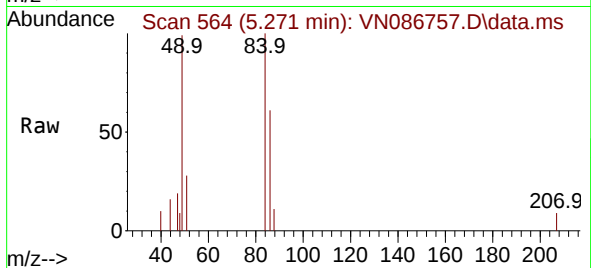
Tgt Ion: 43 Resp: 156911
Ion Ratio Lower Upper
43 100
58 36.5 25.8 38.6



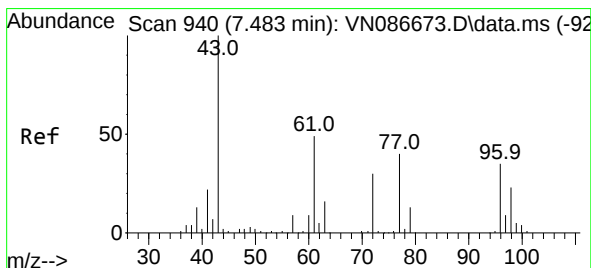
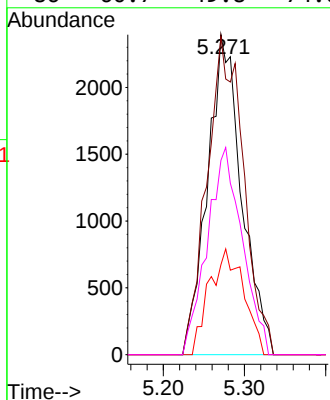
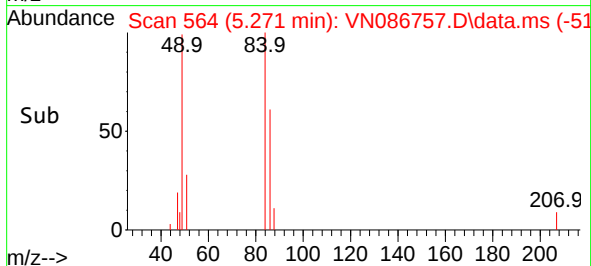


#20
Methylene Chloride
Concen: 2.178 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

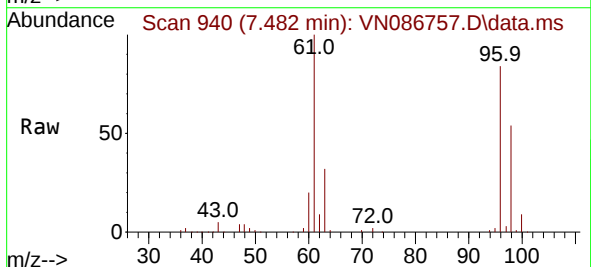
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-06A-GRE



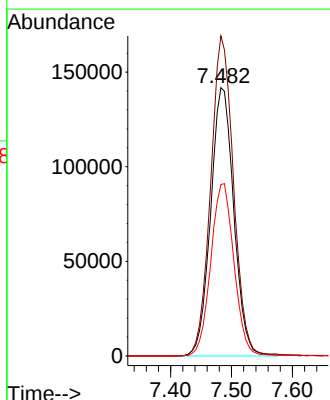
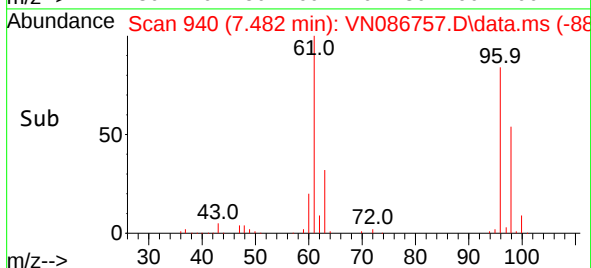
Tgt Ion:	84	Resp:	7002
Ion	Ratio	Lower	Upper
84	100		
49	99.5	88.8	133.2
51	28.1	27.8	41.6
86	60.7	49.8	74.6

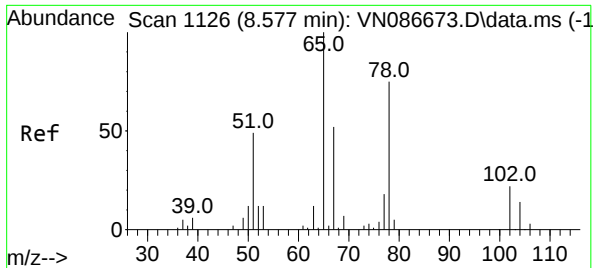


#27
cis-1,2-Dichloroethene
Concen: 109.754 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31



Tgt Ion:	96	Resp:	374486
Ion	Ratio	Lower	Upper
96	100		
61	117.8	0.0	277.4
98	64.5	0.0	129.6





#33

1,2-Dichloroethane-d4

Concen: 43.707 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086757.D

Acq: 22 May 2025 11:31

Instrument :

MSVOA_N

ClientSampleId :

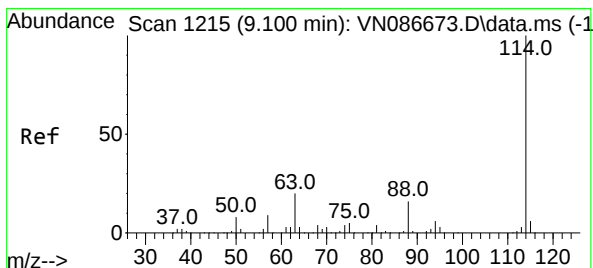
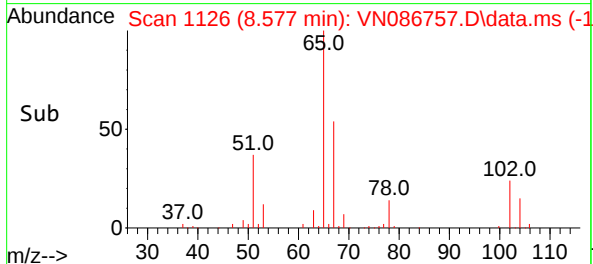
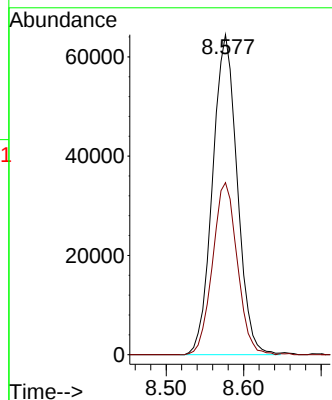
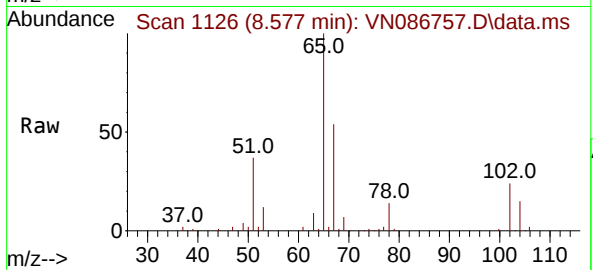
WC-A1-06A-GRE

Tgt Ion: 65 Resp: 142364

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086757.D

Acq: 22 May 2025 11:31

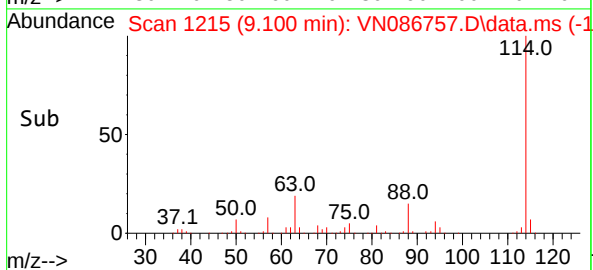
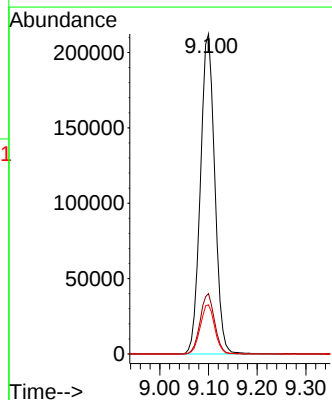
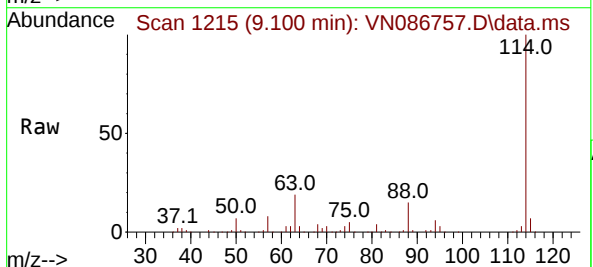
Tgt Ion: 114 Resp: 434380

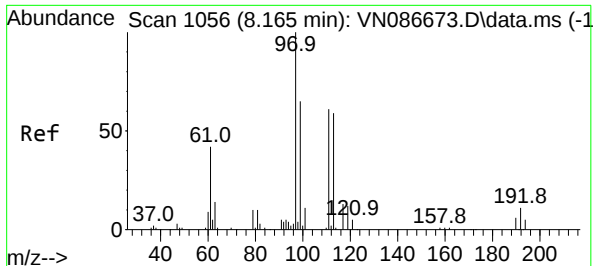
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.2

88 15.4 0.0 31.2

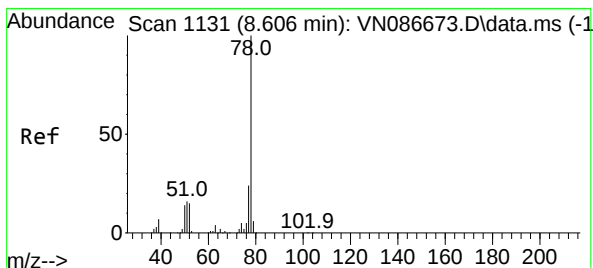
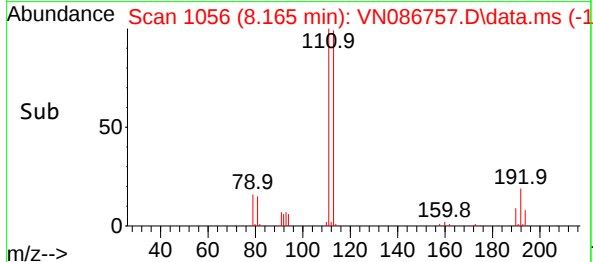
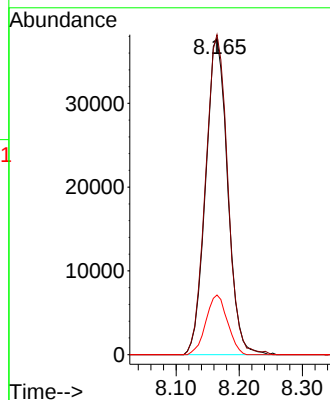
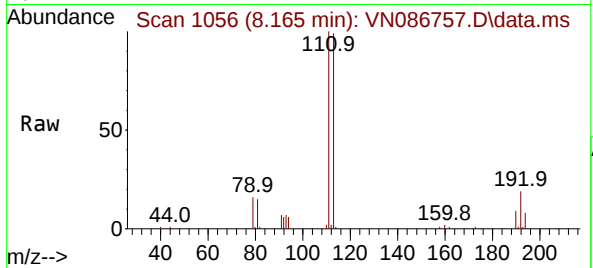




#35
 Dibromofluoromethane
 Concen: 35.227 ug/l
 RT: 8.165 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VN086757.D
 Acq: 22 May 2025 11:31

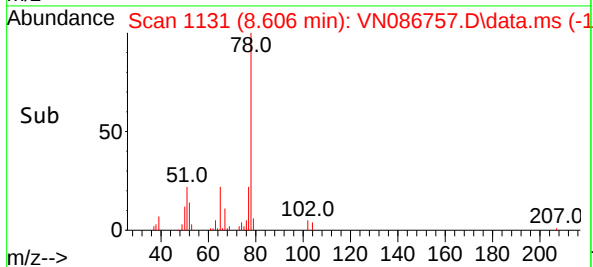
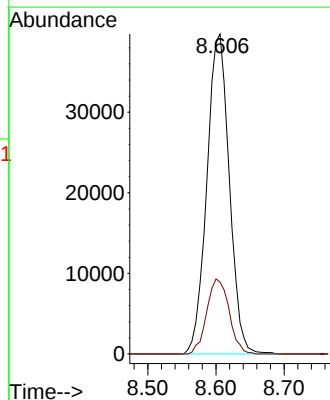
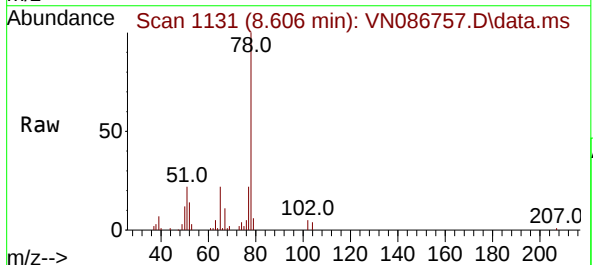
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A1-06A-GRE

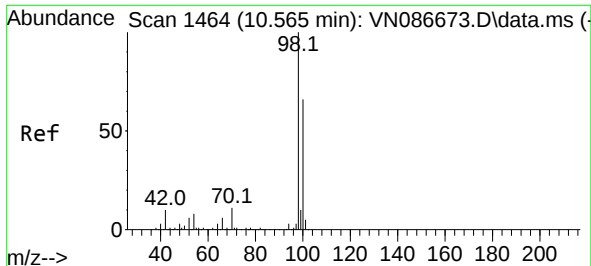
Tgt Ion:113	Resp:	91129
Ion	Ratio	Lower Upper
113	100	
111	102.0	82.2 123.2
192	18.4	13.8 20.8



#40
 Benzene
 Concen: 7.308 ug/l
 RT: 8.606 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VN086757.D
 Acq: 22 May 2025 11:31

Tgt Ion: 78	Resp:	90968
Ion	Ratio	Lower Upper
78	100	
77	22.4	19.1 28.7

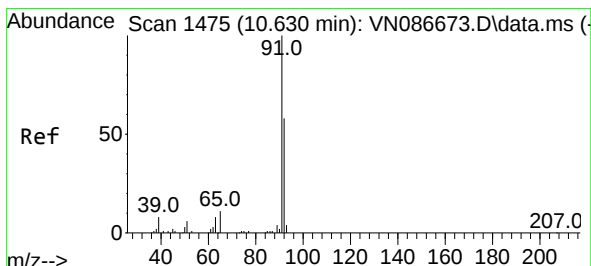
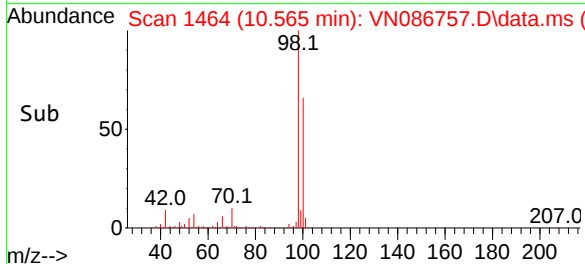
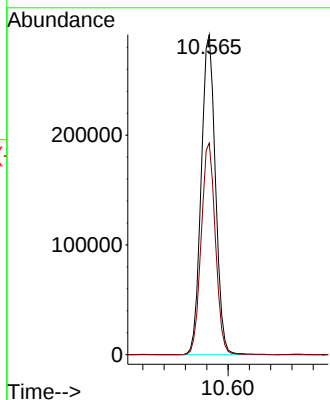
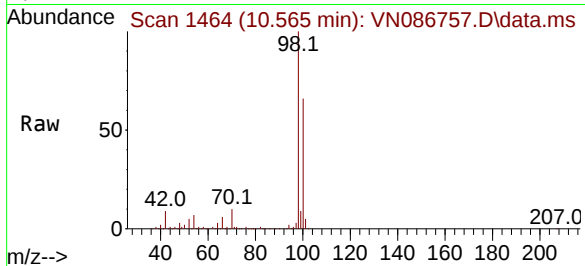




#50
Toluene-d8
Concen: 50.413 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

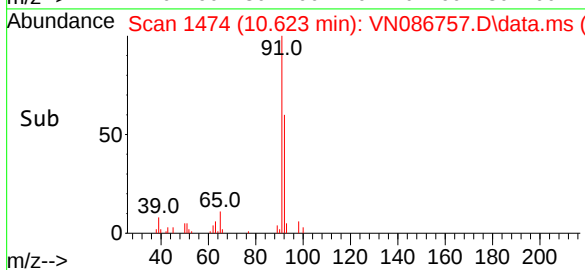
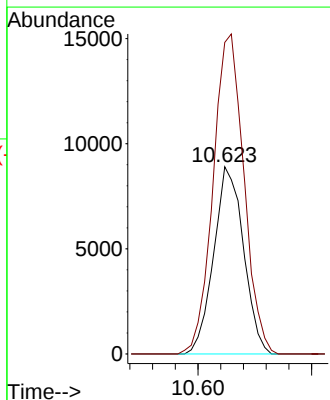
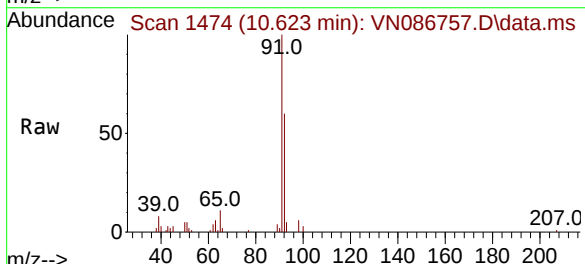
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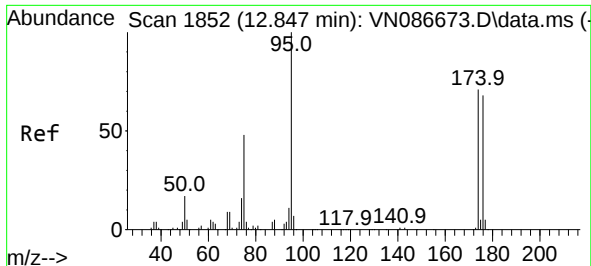
Tgt Ion: 98 Resp: 540448
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#52
Toluene
Concen: 2.095 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

Tgt Ion: 92 Resp: 16210
Ion Ratio Lower Upper
92 100
91 176.6 137.8 206.8

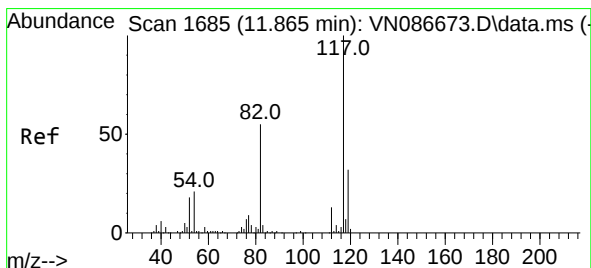
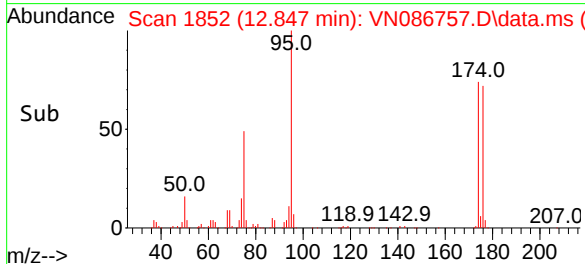
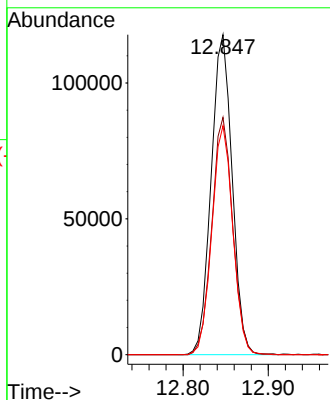
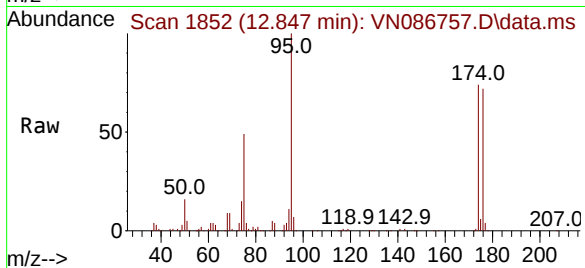




#62
4-Bromofluorobenzene
Concen: 53.253 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

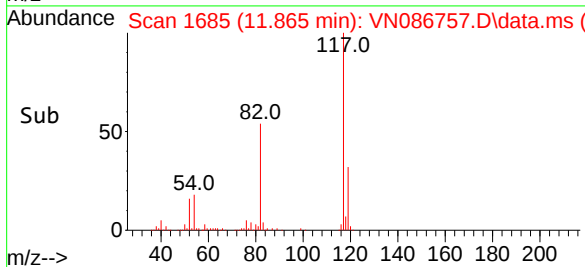
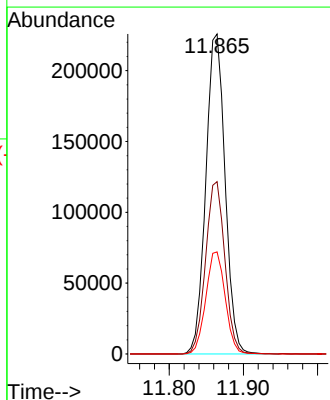
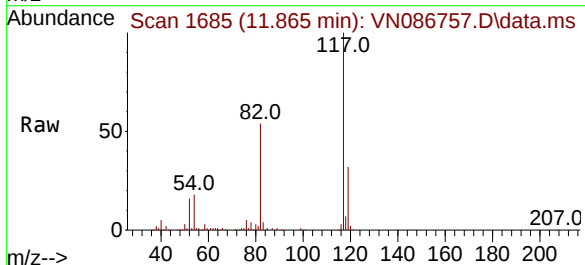
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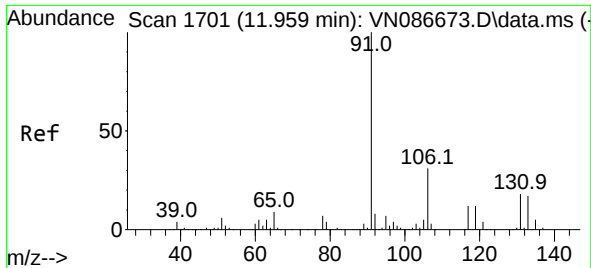
Tgt Ion: 95 Resp: 201576
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.4
176 71.3 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

Tgt Ion: 117 Resp: 408257
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.9 25.4 38.2

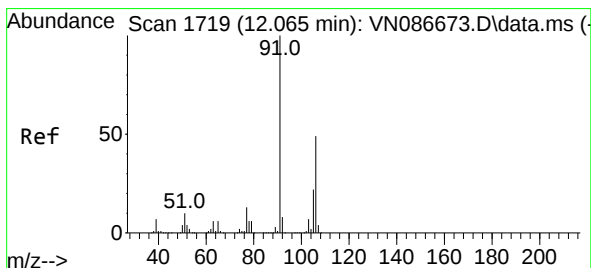
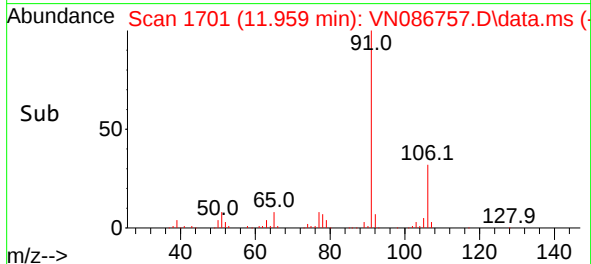
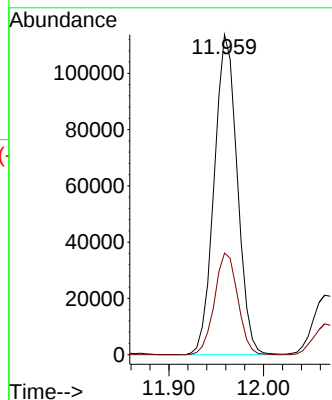
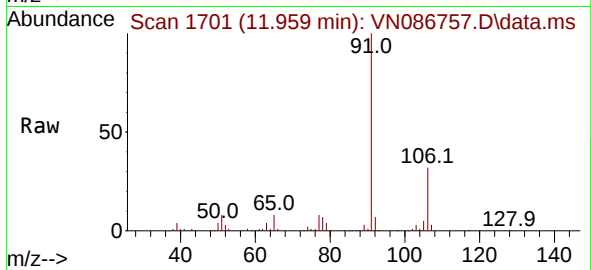




#67
Ethyl Benzene
Concen: 12.566 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

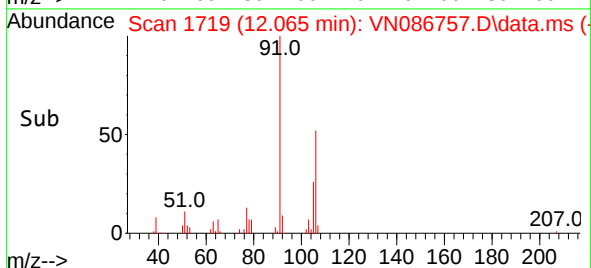
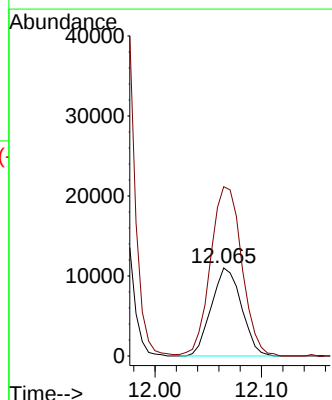
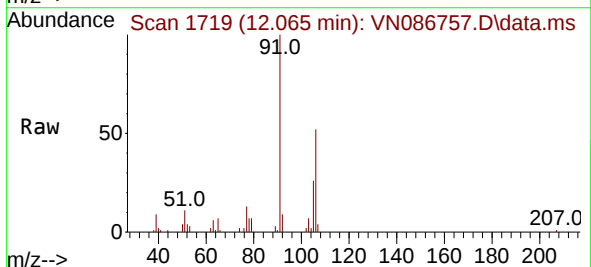
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-06A-GRE

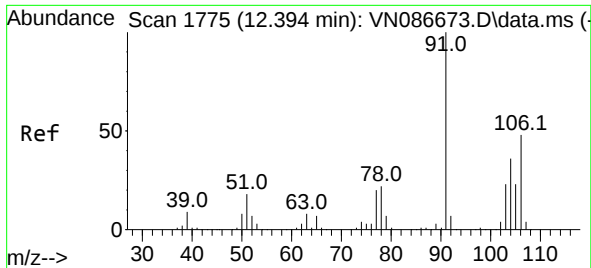
Tgt Ion: 91 Resp: 192690
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 3.717 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

Tgt Ion: 106 Resp: 21589
Ion Ratio Lower Upper
106 100
91 200.6 162.4 243.6

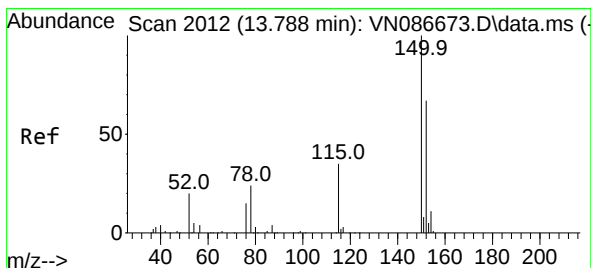
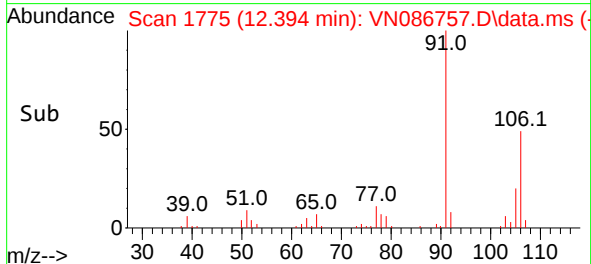
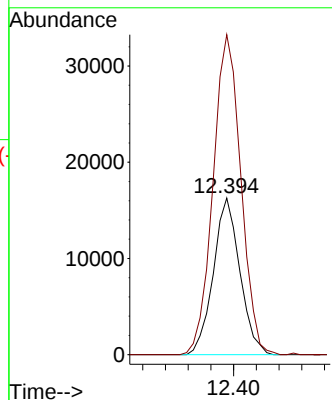
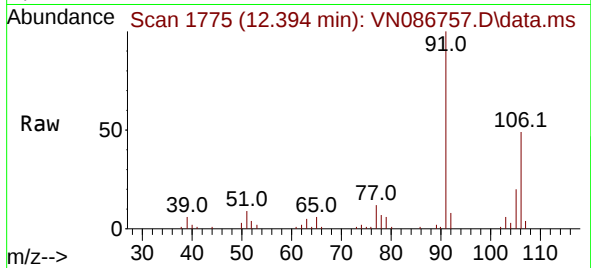




#69
o-Xylene
Concen: 4.574 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

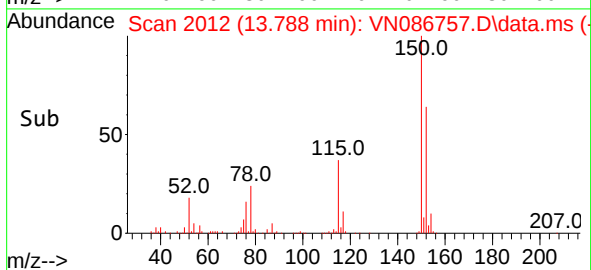
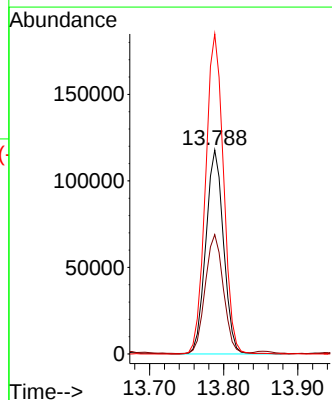
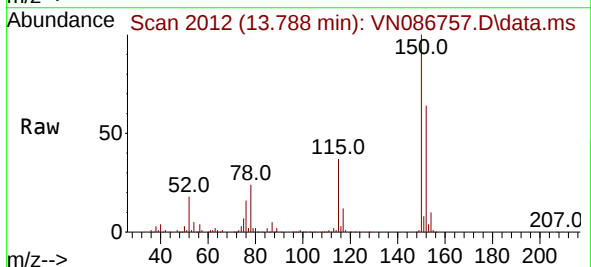
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-06A-GRE

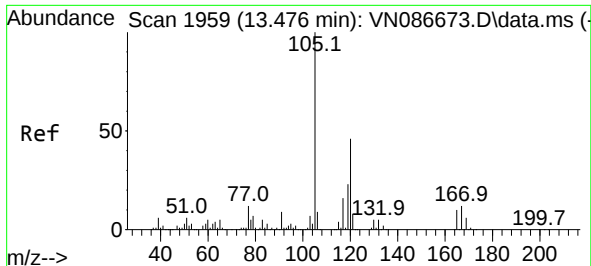
Tgt Ion:106 Resp: 26413
Ion Ratio Lower Upper
106 100
91 214.0 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

Tgt Ion:152 Resp: 195863
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.1
150 158.7 0.0 347.8

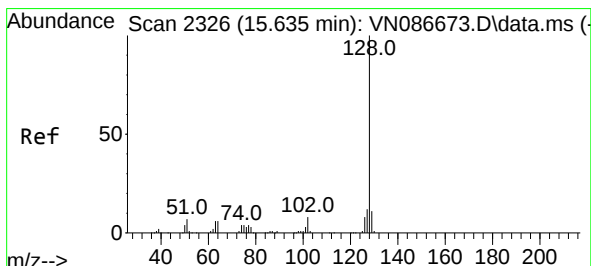
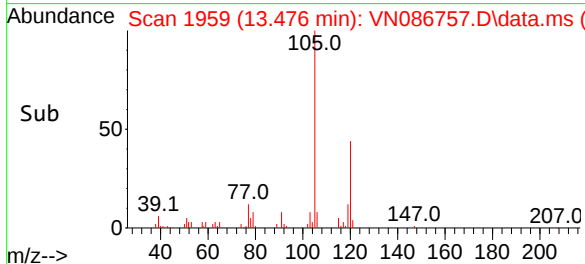
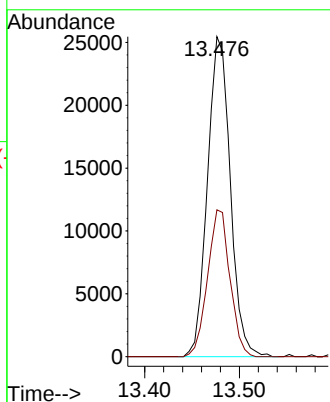
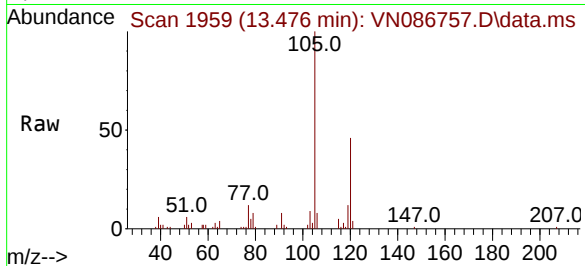




#84
1,2,4-Trimethylbenzene
Concen: 3.529 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

Instrument :
MSVOA_N
ClientSampleId :
WC-A1-06A-GRE

Tgt Ion:105 Resp: 42595
Ion Ratio Lower Upper
105 100
120 44.9 23.2 69.6



#95
Naphthalene
Concen: 341.238 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086757.D
Acq: 22 May 2025 11:31

Tgt Ion:128 Resp: 3134516
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.6 13.0

