

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086736.D
 Acq On : 21 May 2025 17:06
 Operator : JC\MD
 Sample : Q2079-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-02-G

Quant Time: May 22 01:27:02 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)

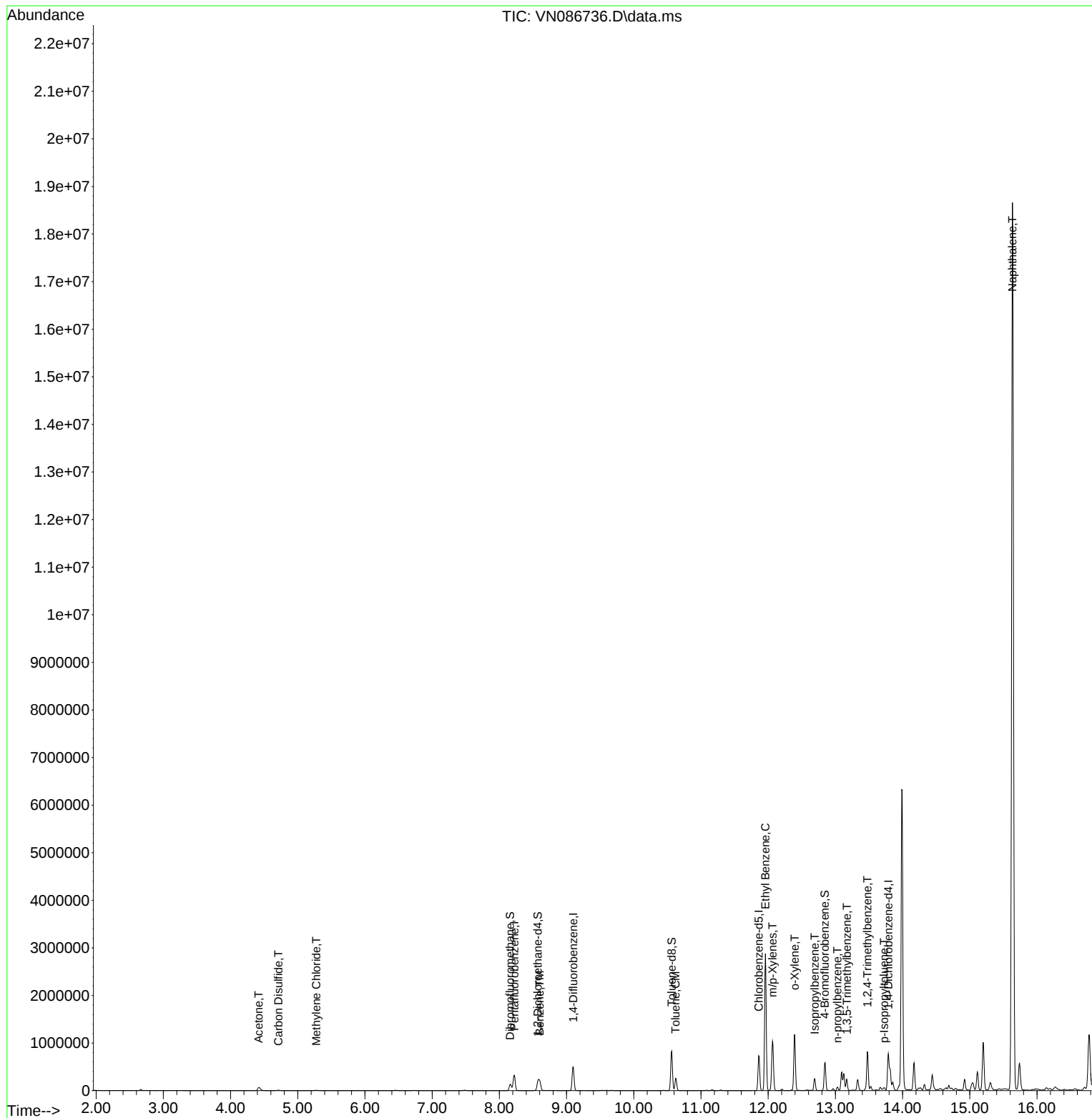
Internal Standards						
1) Pentafluorobenzene	8.224	168	257060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	475048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	461977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	216516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	155009	43.639	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.280%		
35) Dibromofluoromethane	8.159	113	102555	36.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	72.500%#		
50) Toluene-d8	10.565	98	604673	51.576	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.160%		
62) 4-Bromofluorobenzene	12.841	95	231910	56.021	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.040%		
Target Compounds					Qvalue	
16) Acetone	4.418	43	127238	95.760	ug/l	100
17) Carbon Disulfide	4.712	76	13711	1.727	ug/l	98
20) Methylene Chloride	5.277	84	7337	2.092	ug/l	95
40) Benzene	8.600	78	188161	13.822	ug/l	98
52) Toluene	10.624	92	121731	14.387	ug/l	100
67) Ethyl Benzene	11.959	91	2187105	126.047	ug/l	98
68) m/p-Xylenes	12.065	106	366409	55.752	ug/l	97
69) o-Xylene	12.394	106	355049	54.340	ug/l	99
73) Isopropylbenzene	12.694	105	179731	10.748	ug/l	99
78) n-propylbenzene	13.029	91	61456	3.202	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	122843	9.169	ug/l	92
84) 1,2,4-Trimethylbenzene	13.476	105	480908	36.046	ug/l	99
86) p-Isopropyltoluene	13.723	119	21318	1.660	ug/l #	77
95) Naphthalene	15.635	128	17904153	1763.205	ug/l	97

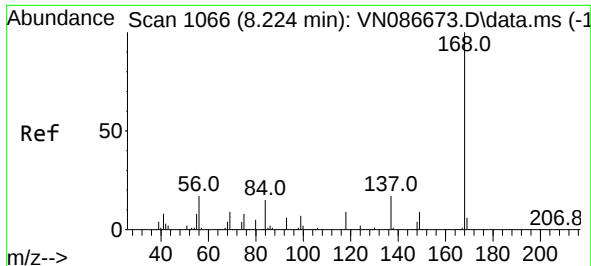
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086736.D
Acq On : 21 May 2025 17:06
Operator : JC\MD
Sample : Q2079-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-A2-02-G

Quant Time: May 22 01:27:02 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

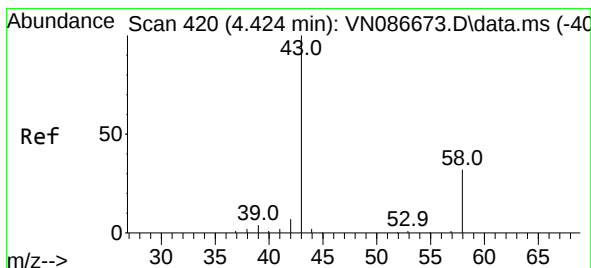
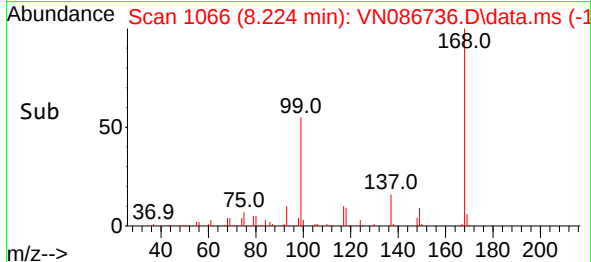
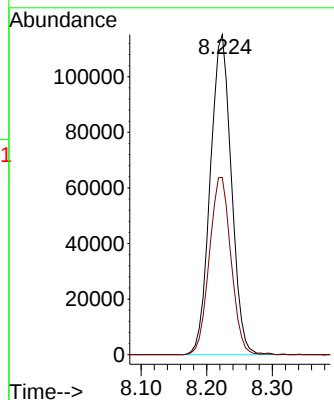
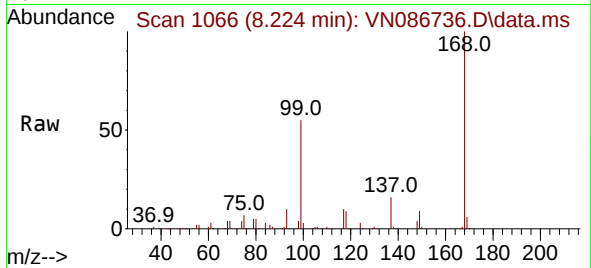




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

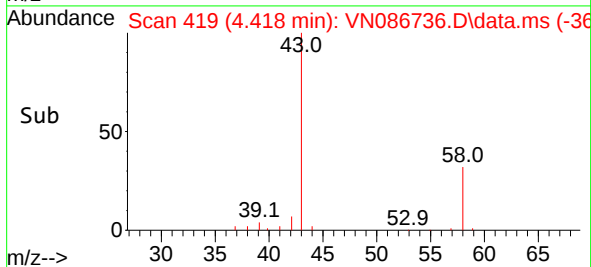
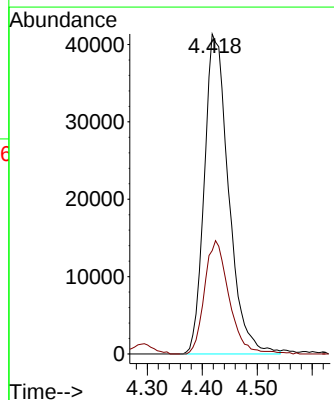
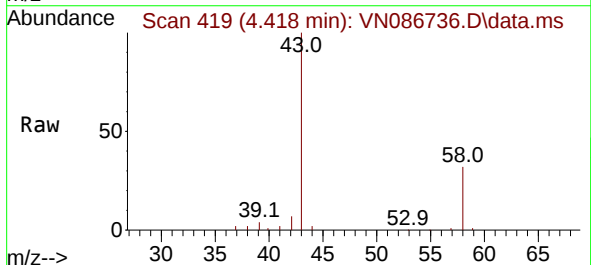
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-02-G

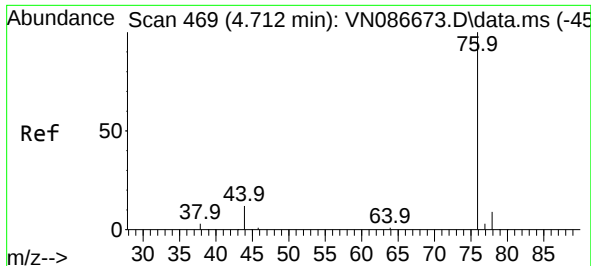
Tgt Ion:168 Resp: 257060
Ion Ratio Lower Upper
168 100
99 55.4 47.0 70.4



#16
Acetone
Concen: 95.760 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

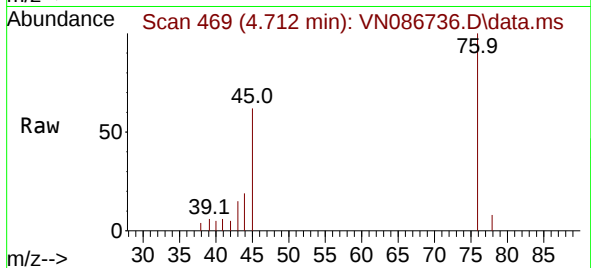
Tgt Ion: 43 Resp: 127238
Ion Ratio Lower Upper
43 100
58 32.3 25.8 38.6



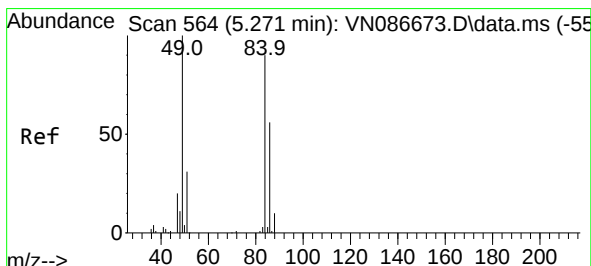
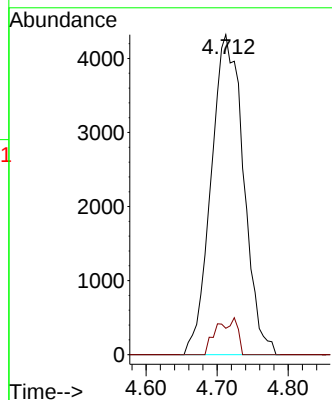
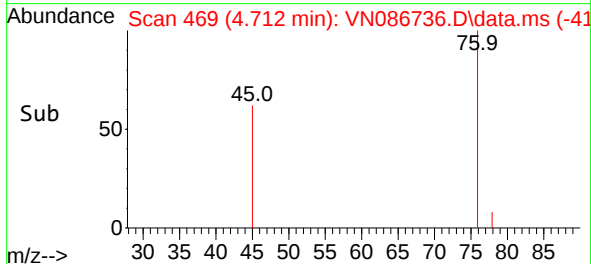


#17
Carbon Disulfide
Concen: 1.727 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :
WC-A2-02-G

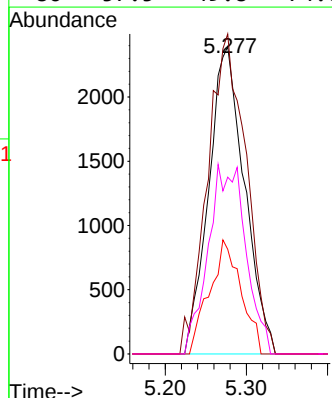
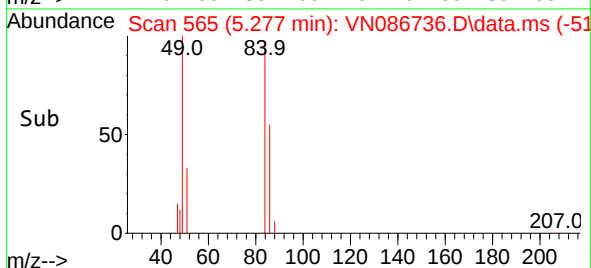
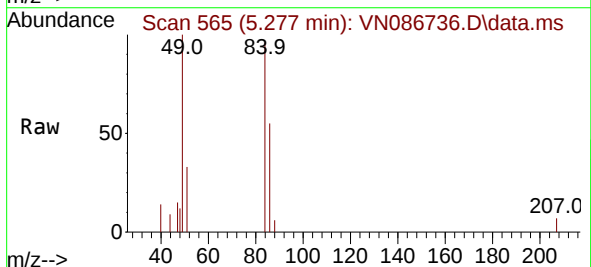


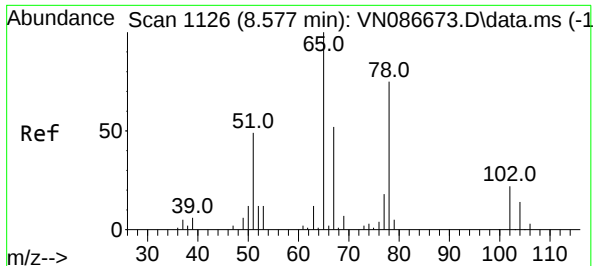
Tgt Ion: 76 Resp: 13711
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#20
Methylene Chloride
Concen: 2.092 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

Tgt Ion: 84 Resp: 7337
Ion Ratio Lower Upper
84 100
49 104.1 88.8 133.2
51 34.1 27.8 41.6
86 57.5 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 43.639 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086736.D

Acq: 21 May 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

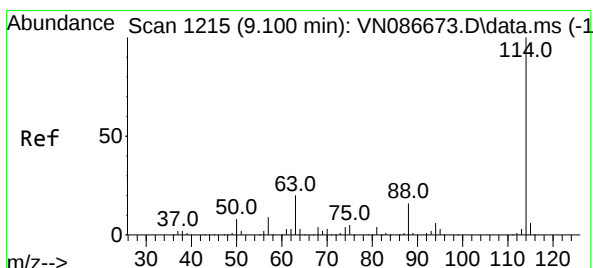
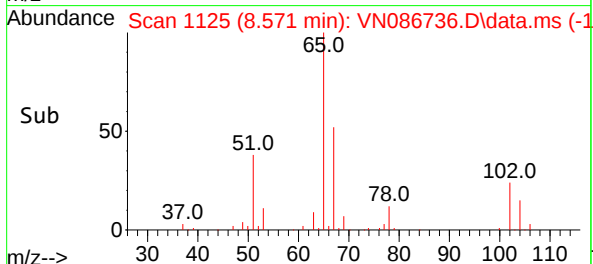
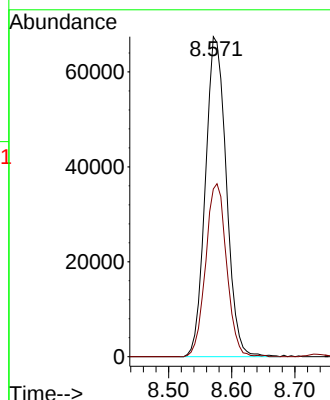
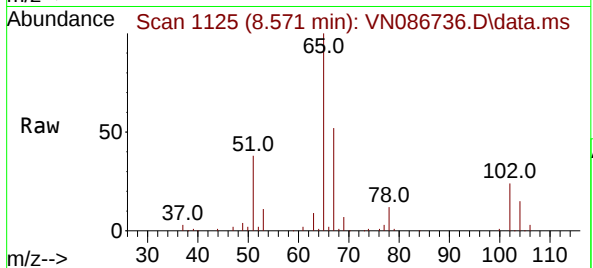
WC-A2-02-G

Tgt Ion: 65 Resp: 155009

Ion Ratio Lower Upper

65 100

67 54.1 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: VN086736.D

Acq: 21 May 2025 17:06

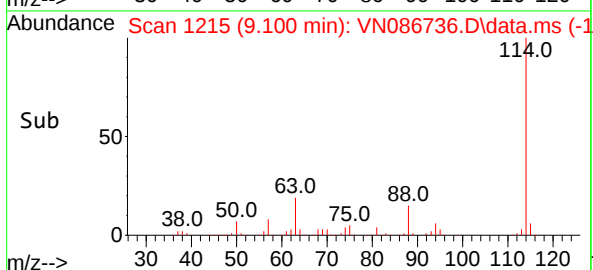
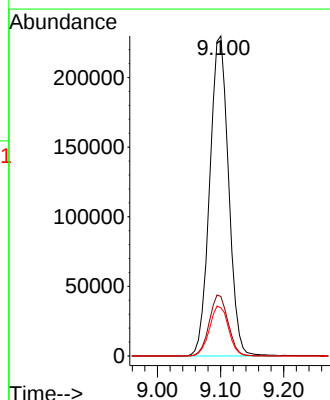
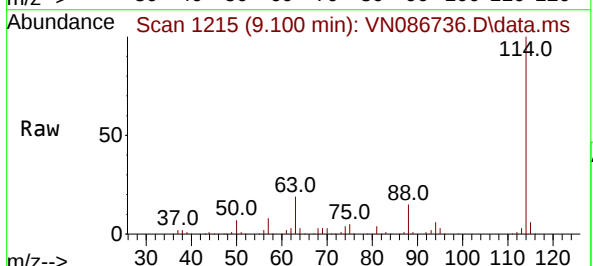
Tgt Ion: 114 Resp: 475048

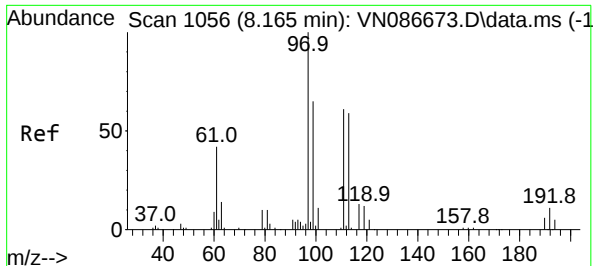
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.2

88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 36.250 ug/l

RT: 8.159 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN086736.D

Acq: 21 May 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

WC-A2-02-G

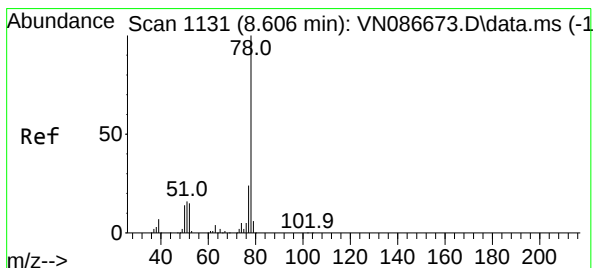
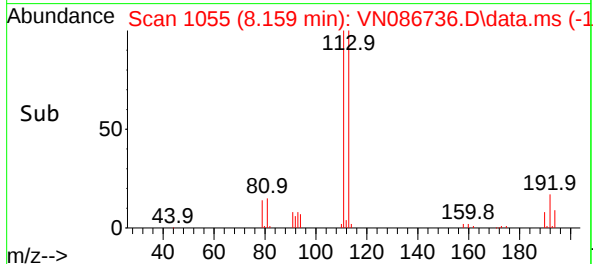
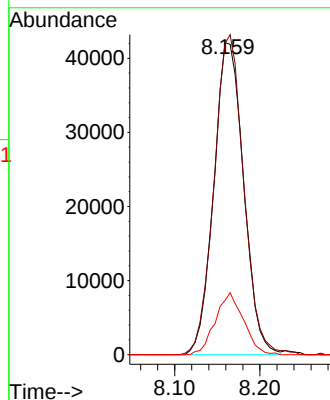
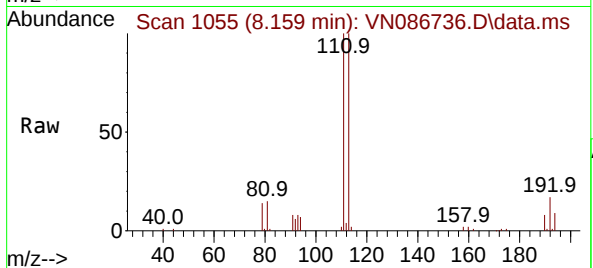
Tgt Ion:113 Resp: 102555

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 18.8 13.8 20.8



#40

Benzene

Concen: 13.822 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086736.D

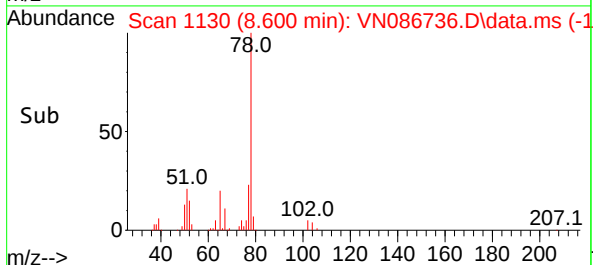
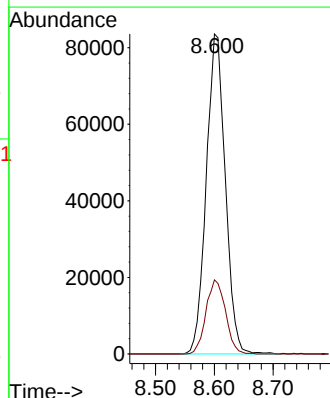
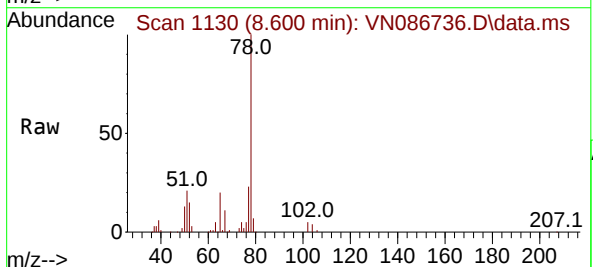
Acq: 21 May 2025 17:06

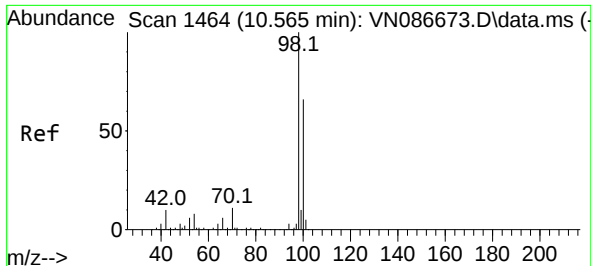
Tgt Ion: 78 Resp: 188161

Ion Ratio Lower Upper

78 100

77 23.1 19.1 28.7

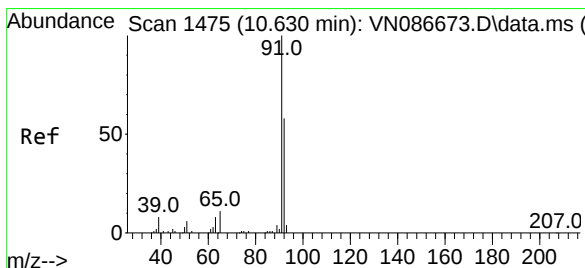
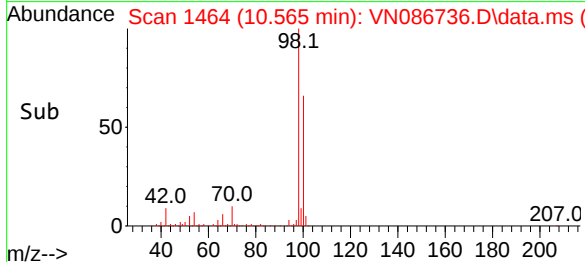
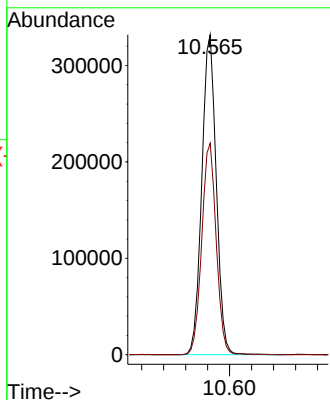
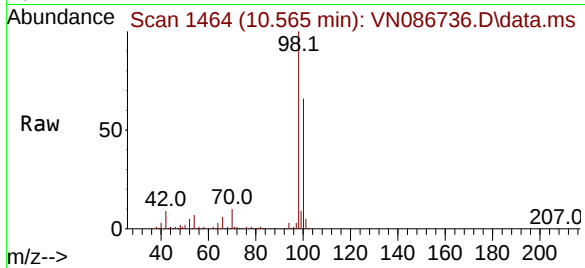




#50
Toluene-d8
Concen: 51.576 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

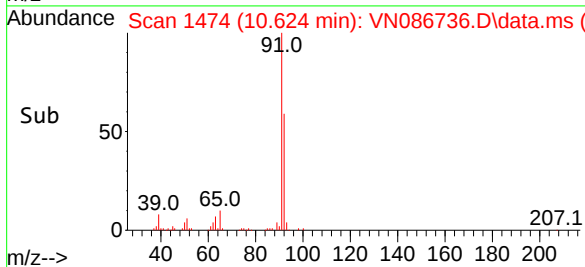
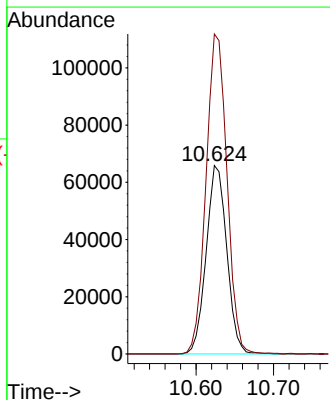
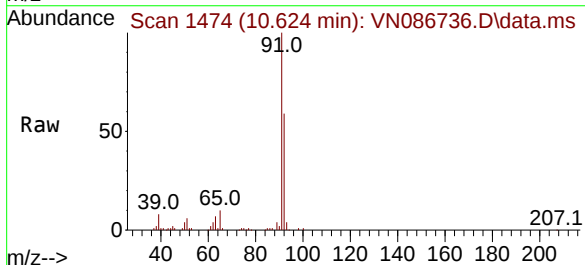
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-02-G

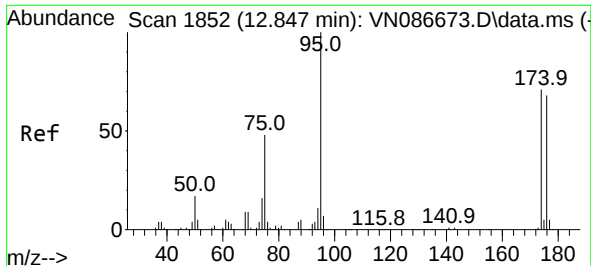
Tgt Ion: 98 Resp: 604673
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#52
Toluene
Concen: 14.387 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

Tgt Ion: 92 Resp: 121731
Ion Ratio Lower Upper
92 100
91 172.8 137.8 206.8

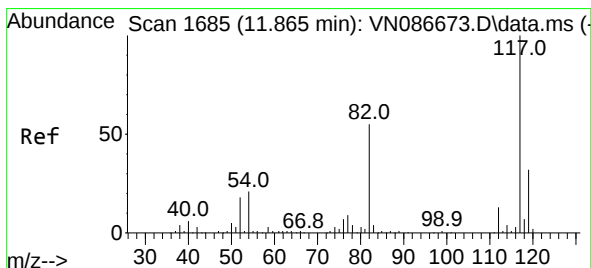
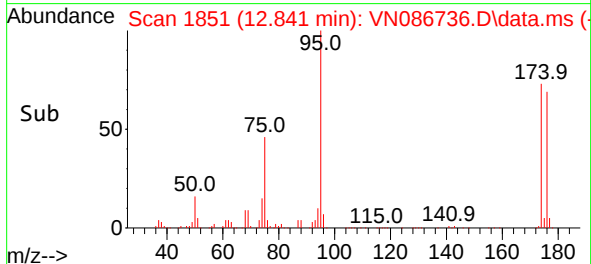
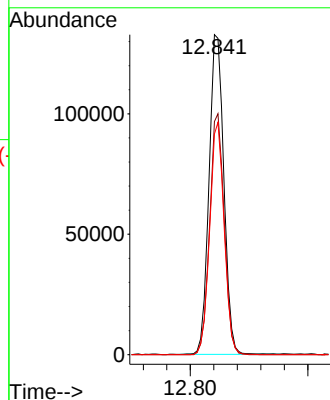
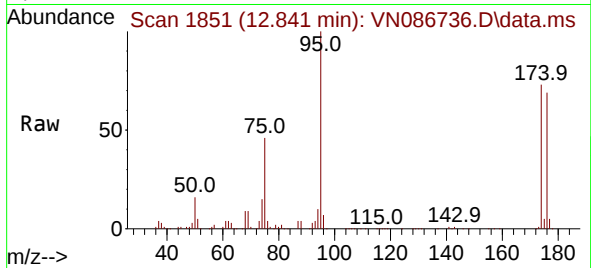




#62
4-Bromofluorobenzene
Concen: 56.021 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

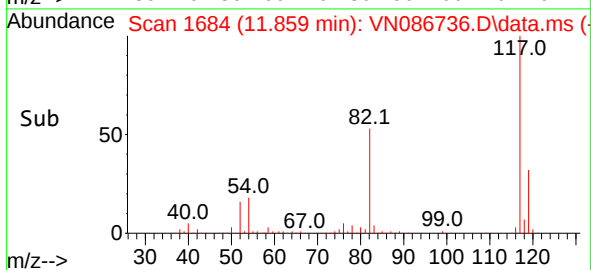
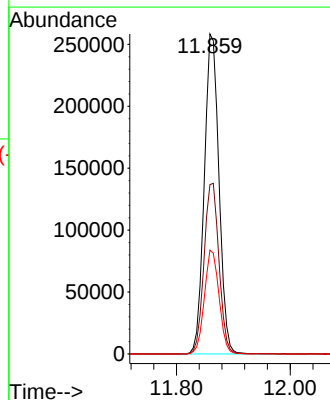
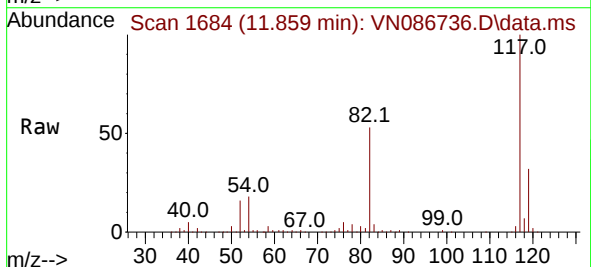
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-02-G

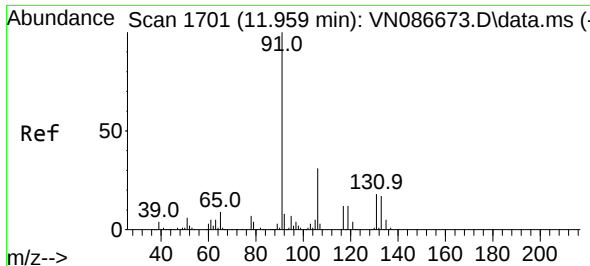
Tgt Ion: 95 Resp: 231910
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.4
176 70.8 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

Tgt Ion: 117 Resp: 461977
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.5 25.4 38.2

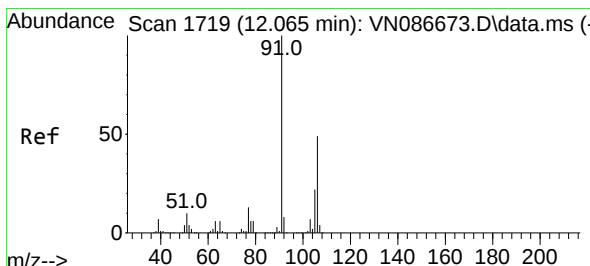
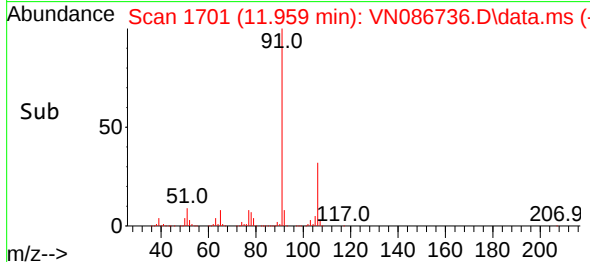
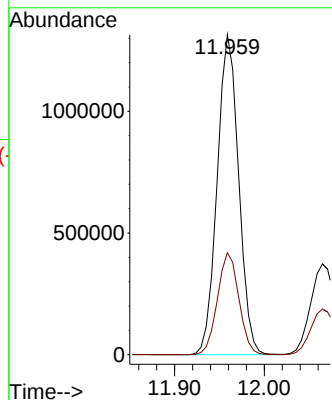
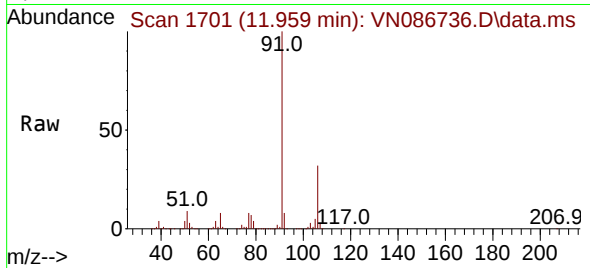




#67
Ethyl Benzene
Concen: 126.047 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

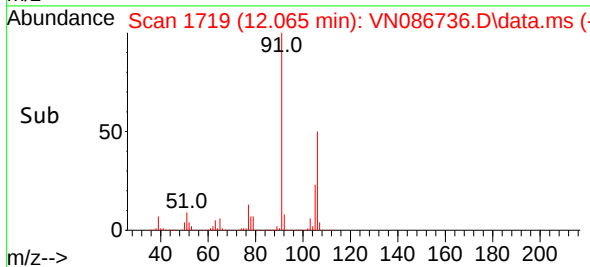
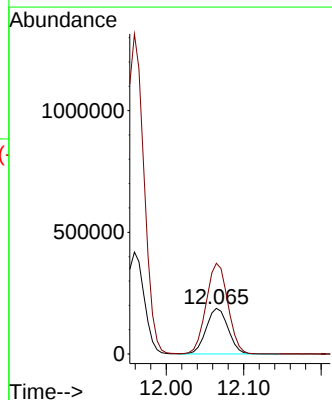
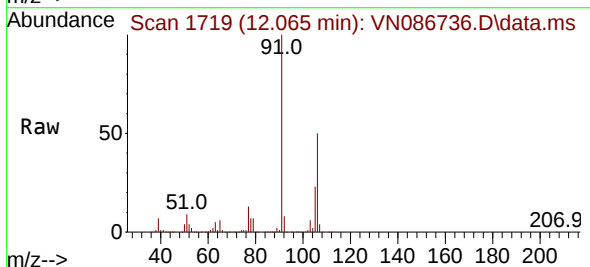
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-02-G

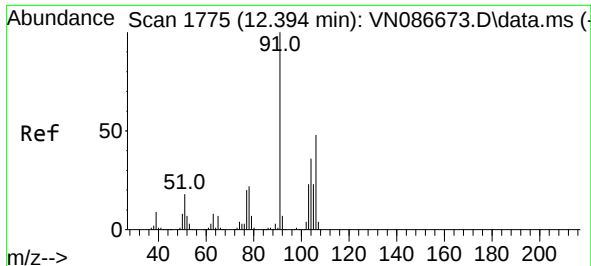
Tgt Ion: 91 Resp: 2187105
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 55.752 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

Tgt Ion:106 Resp: 366409
Ion Ratio Lower Upper
106 100
91 197.7 162.4 243.6

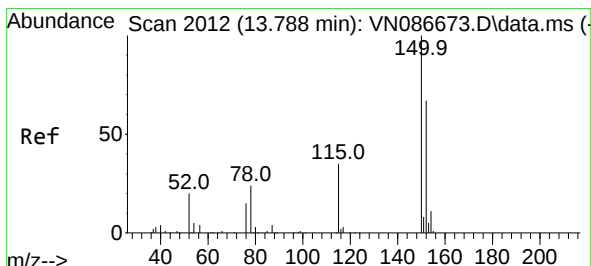
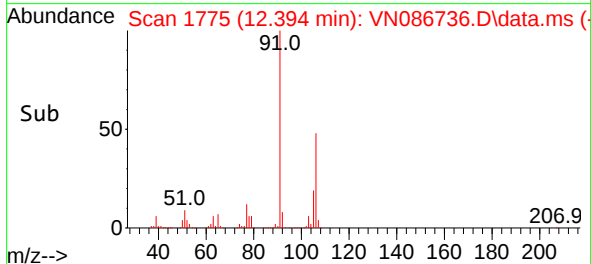
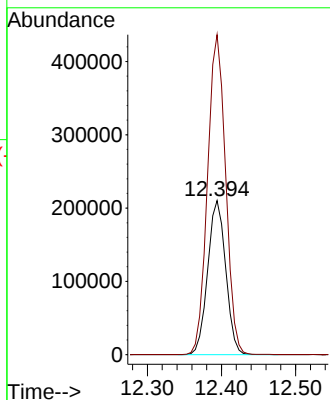
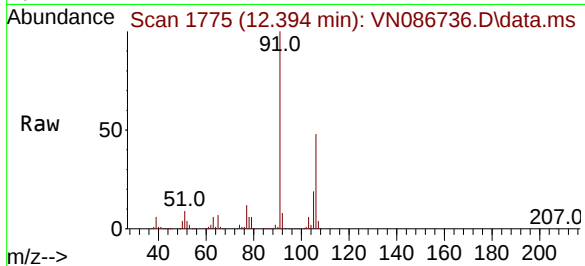




#69
o-Xylene
Concen: 54.340 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

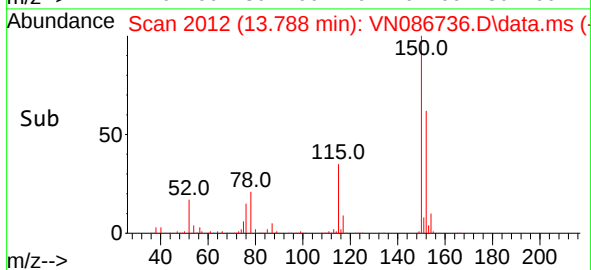
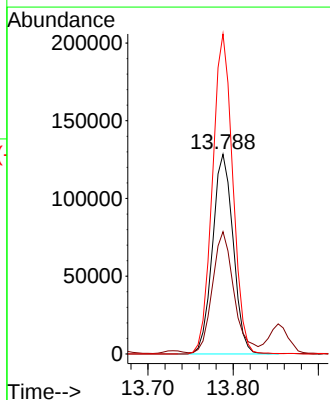
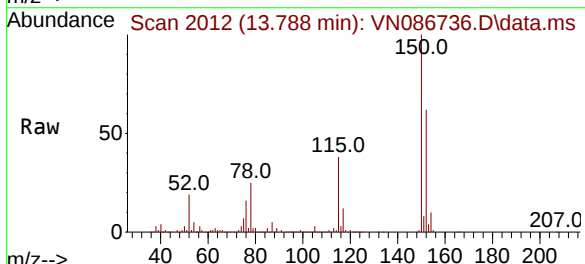
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-02-G

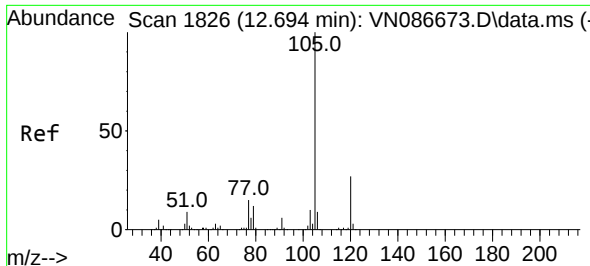
Tgt Ion:106 Resp: 355049
Ion Ratio Lower Upper
106 100
91 208.4 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

Tgt Ion:152 Resp: 216516
Ion Ratio Lower Upper
152 100
115 62.8 30.0 90.1
150 157.6 0.0 347.8

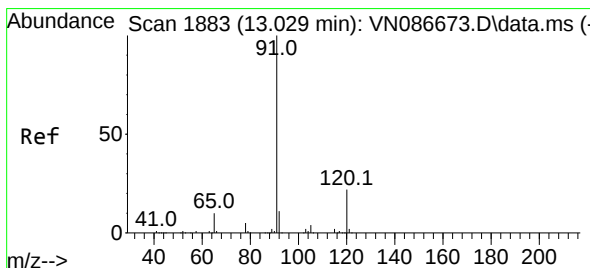
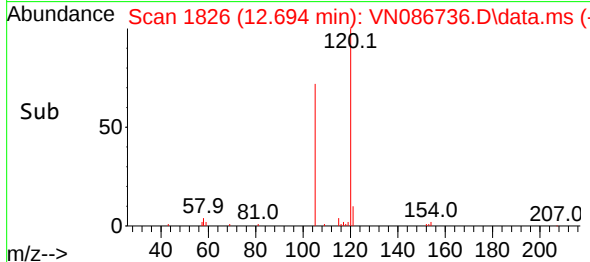
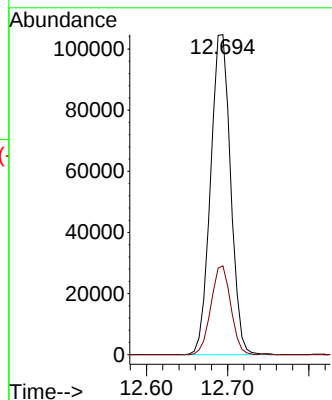
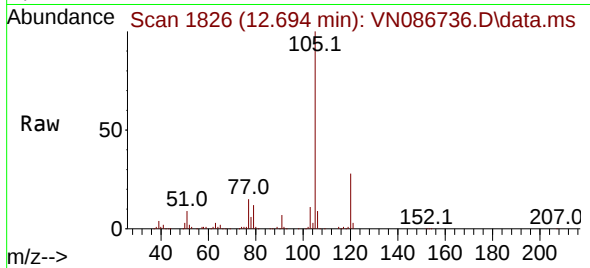




#73
Isopropylbenzene
Concen: 10.748 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

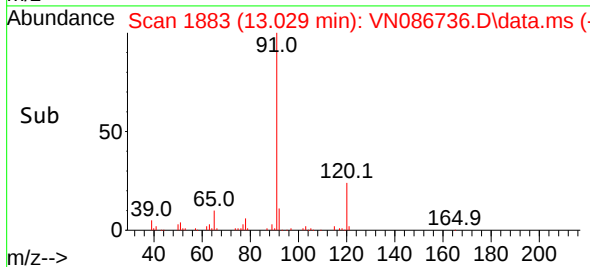
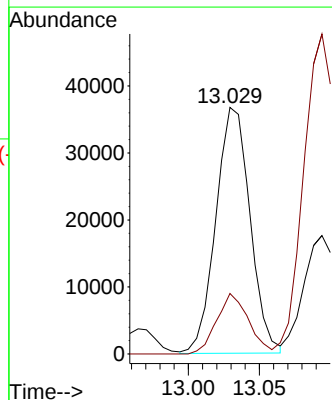
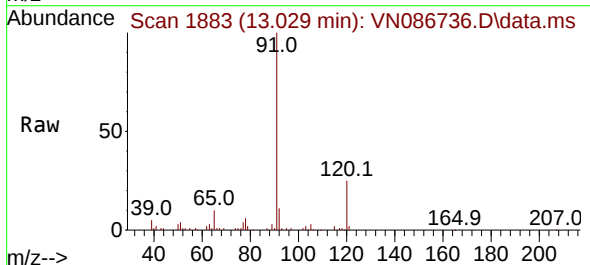
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-02-G

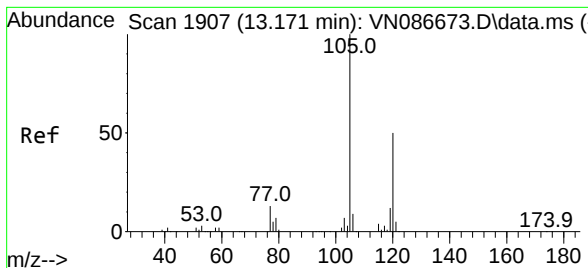
Tgt Ion:105 Resp: 179731
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.1



#78
n-propylbenzene
Concen: 3.202 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

Tgt Ion: 91 Resp: 61456
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.1

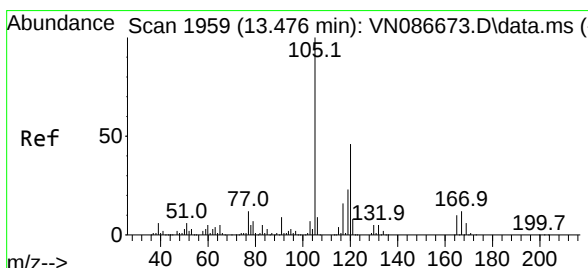
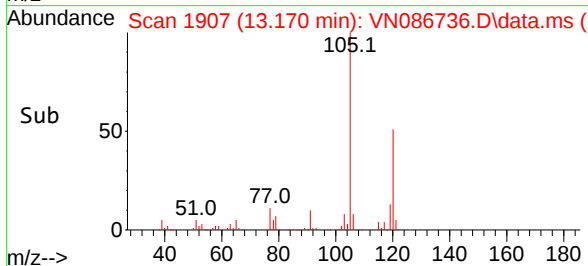
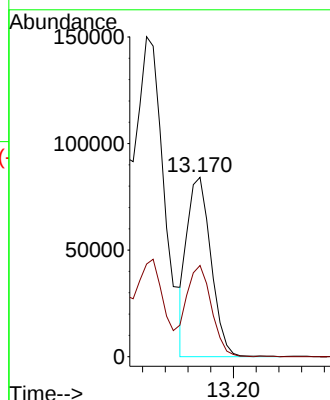
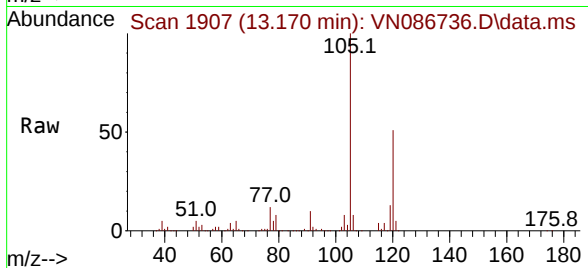




#80
 1,3,5-Trimethylbenzene
 Concen: 9.169 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN086736.D
 Acq: 21 May 2025 17:06

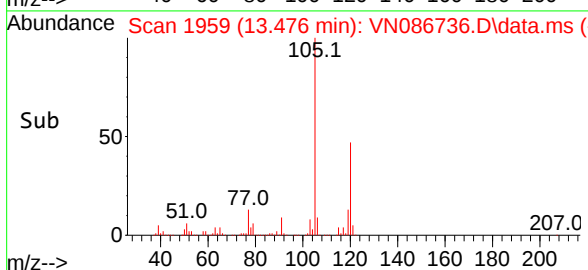
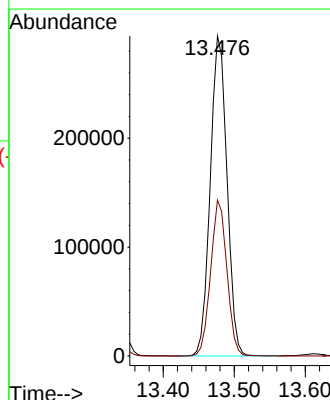
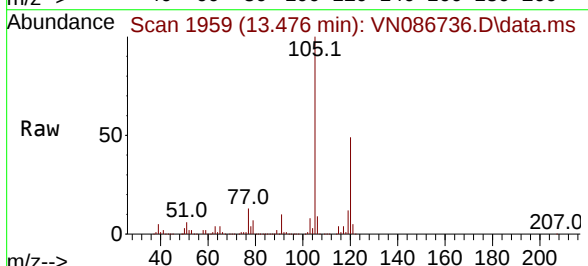
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-02-G

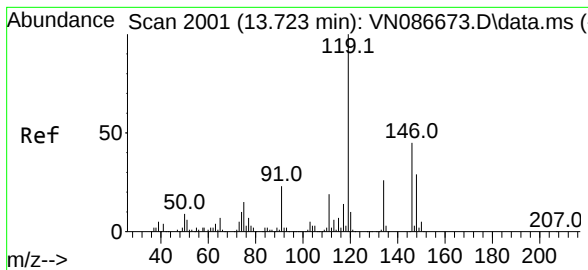
Tgt Ion:105 Resp: 122843
 Ion Ratio Lower Upper
 105 100
 120 55.2 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 36.046 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086736.D
 Acq: 21 May 2025 17:06

Tgt Ion:105 Resp: 480908
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.2 69.6

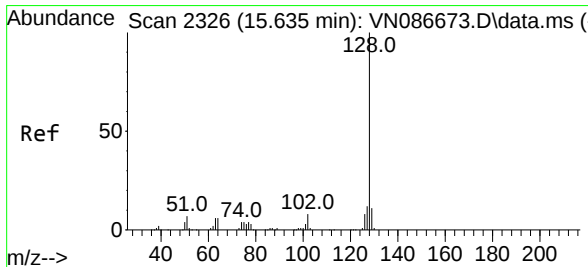
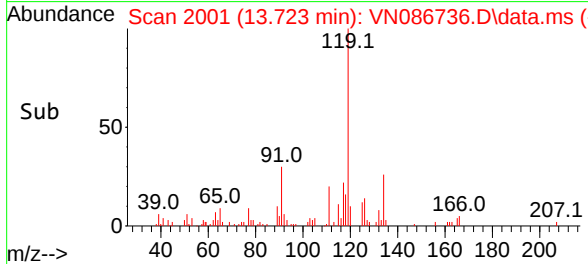
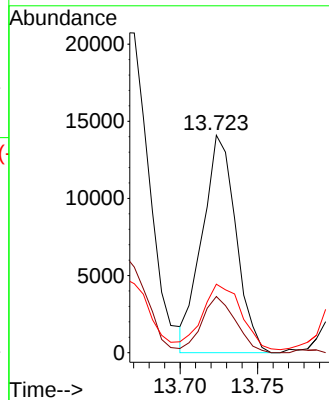
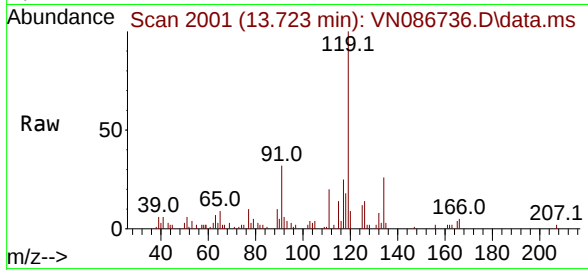




#86
p-Isopropyltoluene
Concen: 1.660 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :
WC-A2-02-G

Tgt Ion:119 Resp: 21318
Ion Ratio Lower Upper
119 100
134 25.8 13.1 39.1
91 0.0 11.5 34.5#



#95
Naphthalene
Concen: 1763.205 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086736.D
Acq: 21 May 2025 17:06

Tgt Ion:128 Resp:17904153
Ion Ratio Lower Upper
128 100
127 14.0 10.1 15.1
129 11.9 8.6 13.0

