

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086735.D
 Acq On : 21 May 2025 16:42
 Operator : JC\MD
 Sample : Q2079-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-01-G

Quant Time: May 22 01:26:30 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)

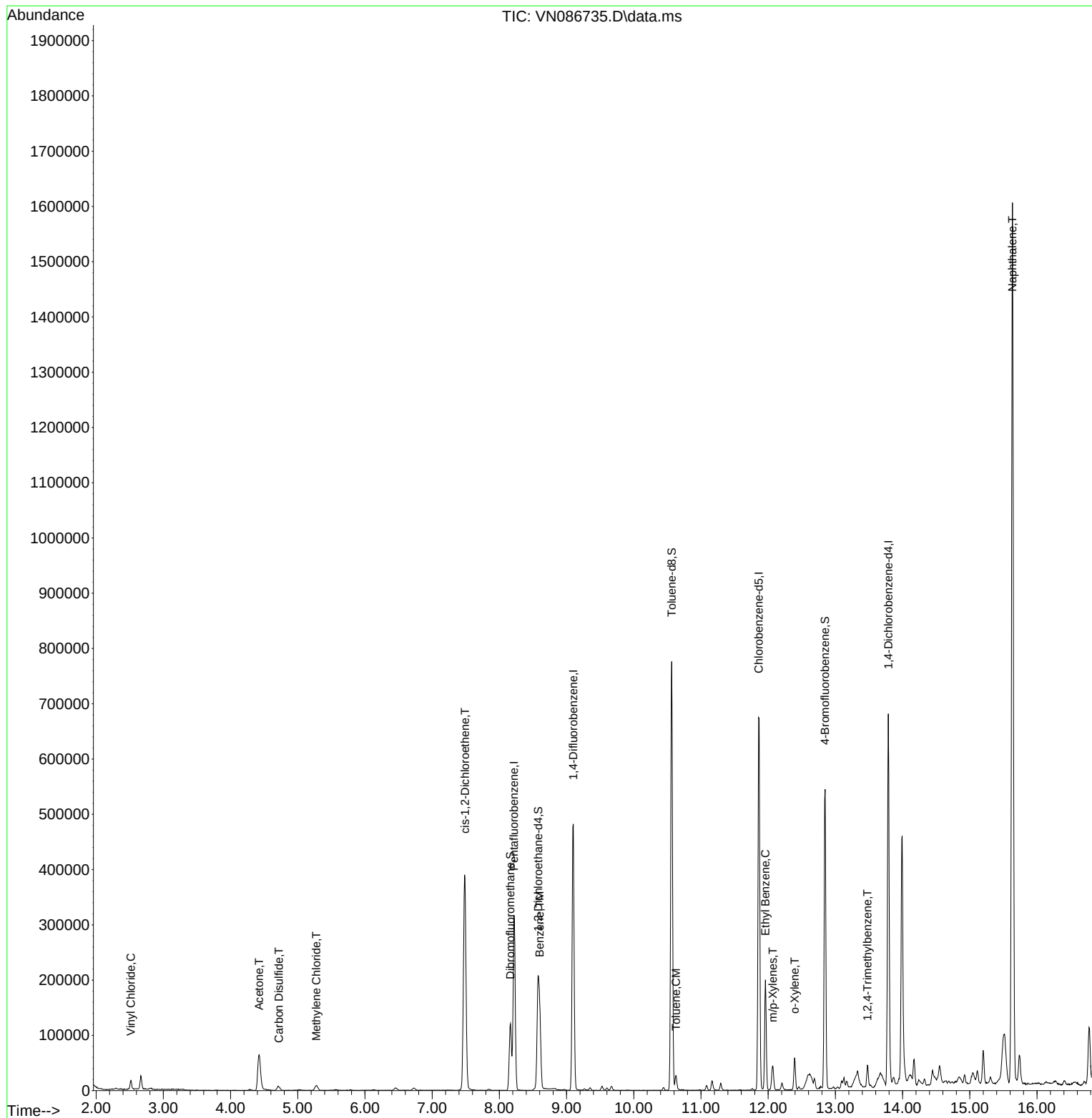
Internal Standards						
1) Pentafluorobenzene	8.218	168	247245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	450917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	434993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	194382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149026	43.620	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.240%
35) Dibromofluoromethane	8.165	113	91015	33.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	67.780%#
50) Toluene-d8	10.565	98	577408	51.886	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.847	95	211049	53.710	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.420%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	15466	4.264	ug/l	94
16) Acetone	4.424	43	126622	99.079	ug/l	93
17) Carbon Disulfide	4.718	76	8044	1.054	ug/l	100
20) Methylene Chloride	5.277	84	7826	2.321	ug/l	88
27) cis-1,2-Dichloroethene	7.488	96	254734	71.178	ug/l	89
40) Benzene	8.600	78	128406	9.937	ug/l	97
52) Toluene	10.629	92	12038	1.499	ug/l	99
67) Ethyl Benzene	11.959	91	149495	9.150	ug/l	98
68) m/p-Xylenes	12.071	106	15745	2.544	ug/l	95
69) o-Xylene	12.394	106	16547	2.690	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	25201	2.104	ug/l	97
95) Naphthalene	15.635	128	1559299	171.046	ug/l	100

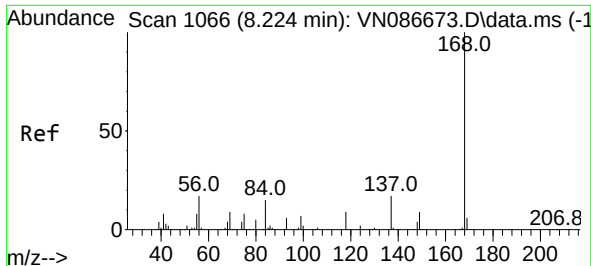
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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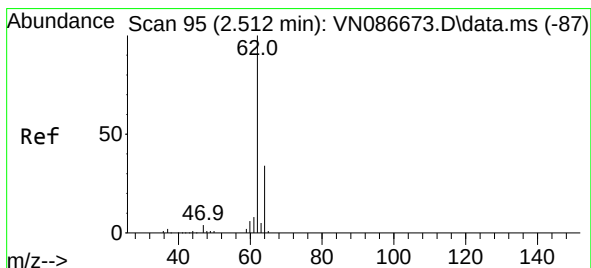
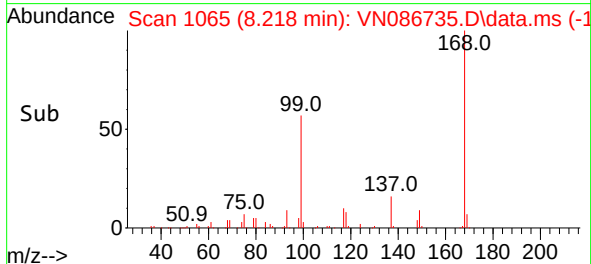
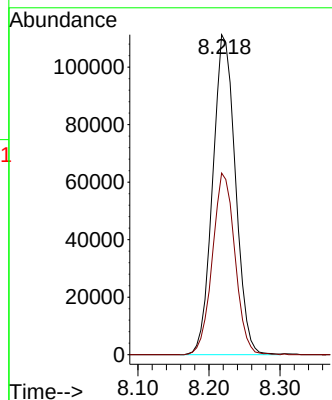
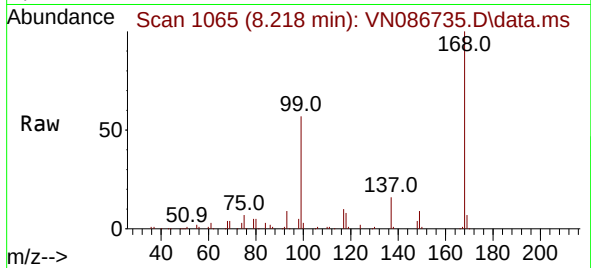




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

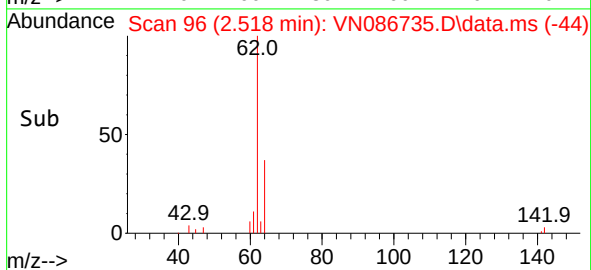
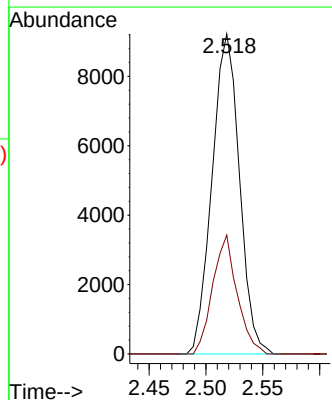
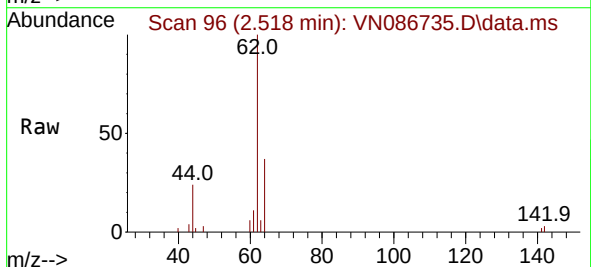
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-01-G

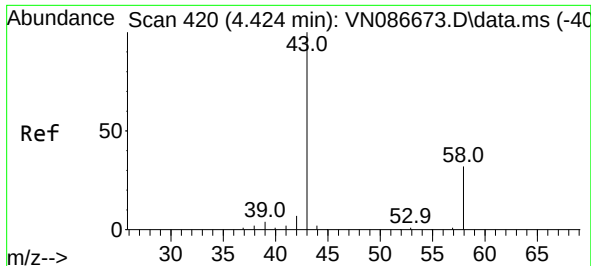
Tgt Ion:168 Resp: 247245
Ion Ratio Lower Upper
168 100
99 56.7 47.0 70.4



#4
Vinyl Chloride
Concen: 4.264 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

Tgt Ion: 62 Resp: 15466
Ion Ratio Lower Upper
62 100
64 37.2 26.9 40.3

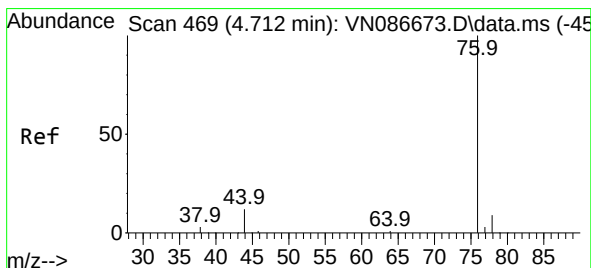
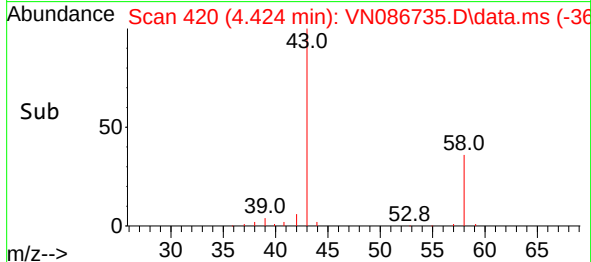
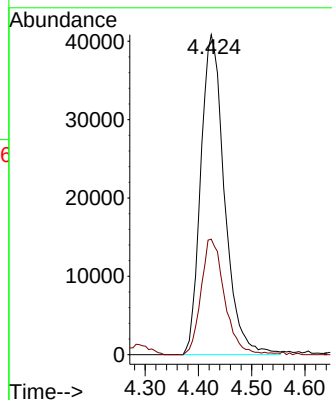
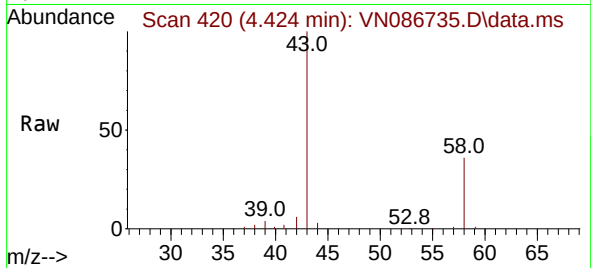




#16
Acetone
Concen: 99.079 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

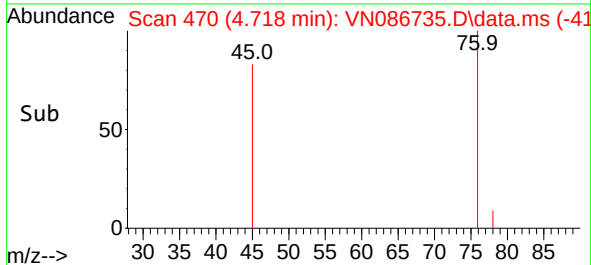
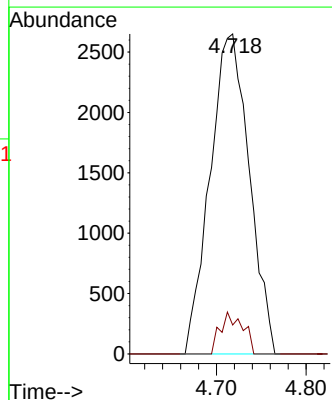
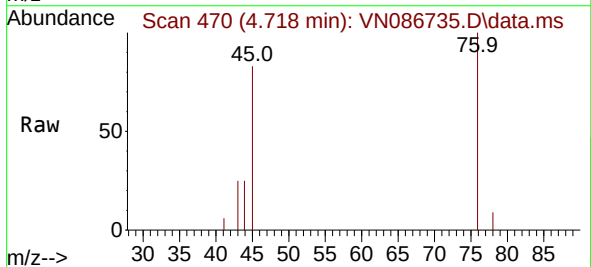
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-01-G

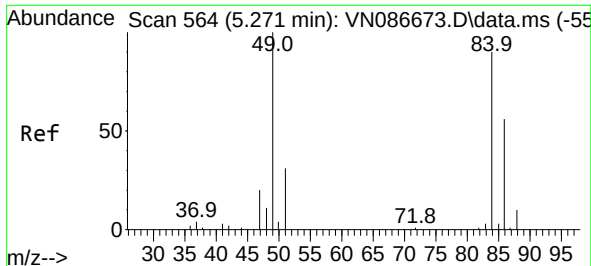
Tgt Ion: 43 Resp: 126622
Ion Ratio Lower Upper
43 100
58 36.1 25.8 38.6



#17
Carbon Disulfide
Concen: 1.054 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

Tgt Ion: 76 Resp: 8044
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

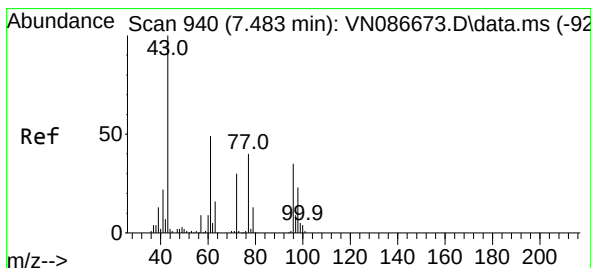
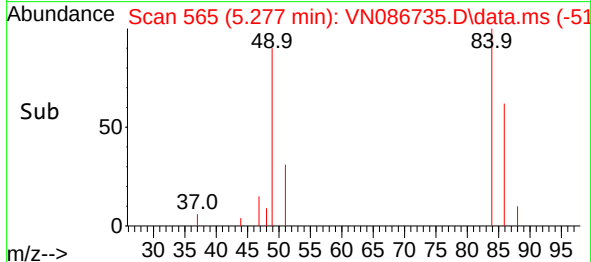
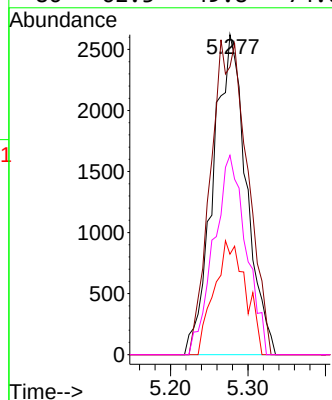
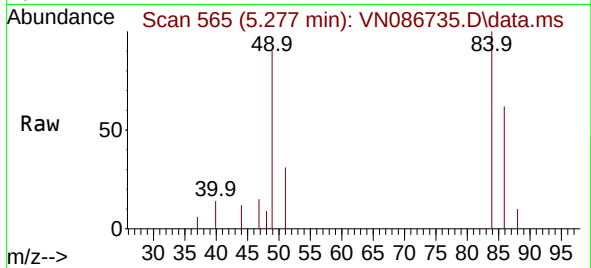




#20
Methylene Chloride
Concen: 2.321 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

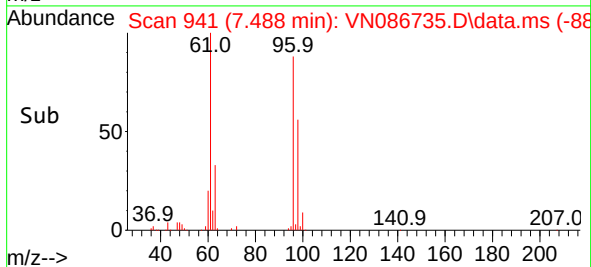
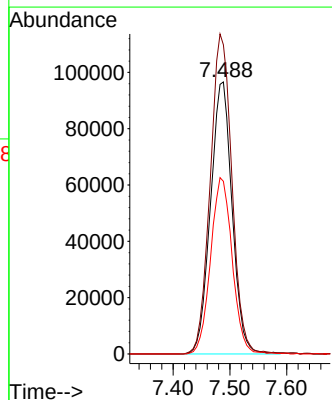
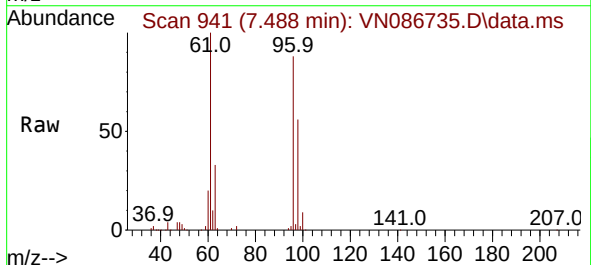
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-01-G

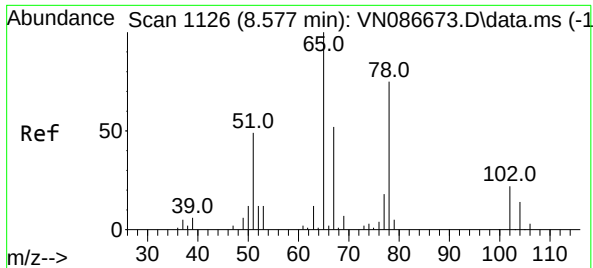
Tgt Ion: 84	Resp: 7826
Ion Ratio	Lower Upper
84 100	
49 89.9	88.8 133.2
51 31.4	27.8 41.6
86 62.3	49.8 74.6



#27
cis-1,2-Dichloroethene
Concen: 71.178 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

Tgt Ion: 96	Resp: 254734
Ion Ratio	Lower Upper
96 100	
61 118.3	0.0 277.4
98 64.8	0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 43.620 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086735.D

Acq: 21 May 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

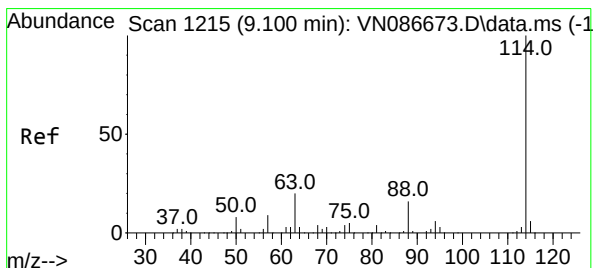
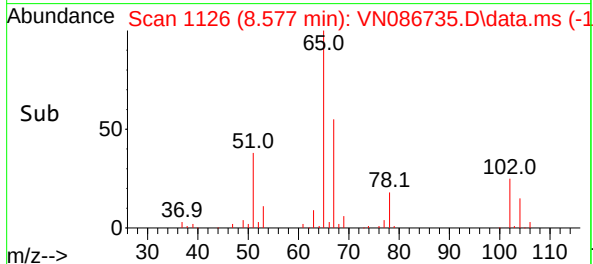
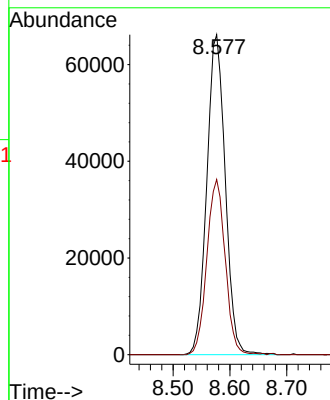
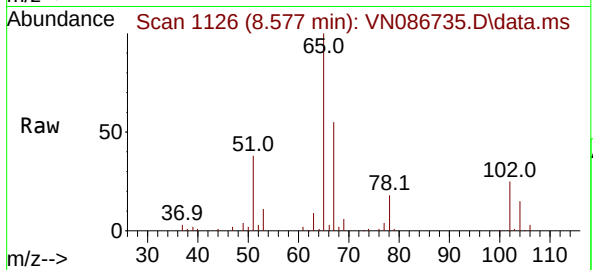
WC-A2-01-G

Tgt Ion: 65 Resp: 149026

Ion Ratio Lower Upper

65 100

67 54.4 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: VN086735.D

Acq: 21 May 2025 16:42

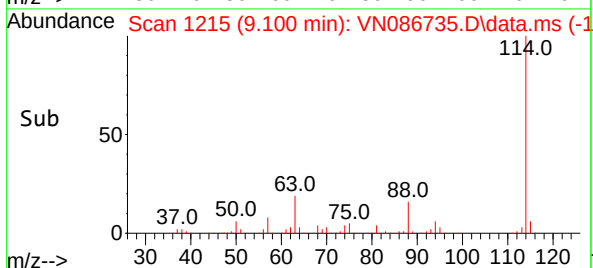
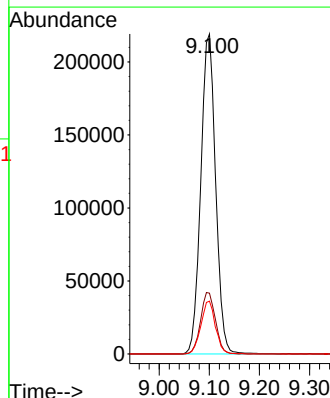
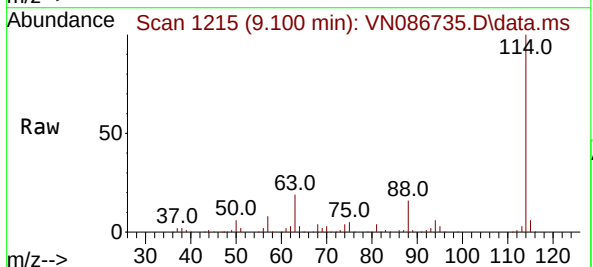
Tgt Ion: 114 Resp: 450917

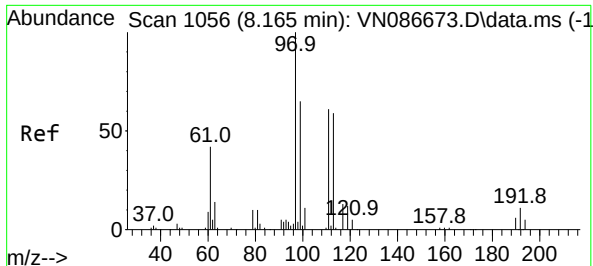
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.2

88 16.5 0.0 31.2



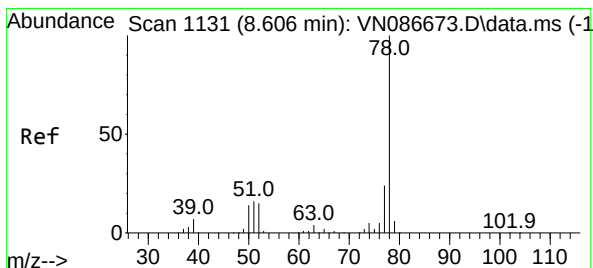
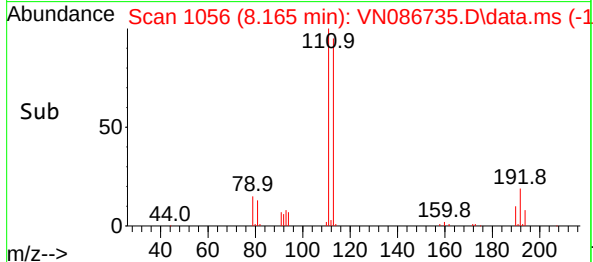
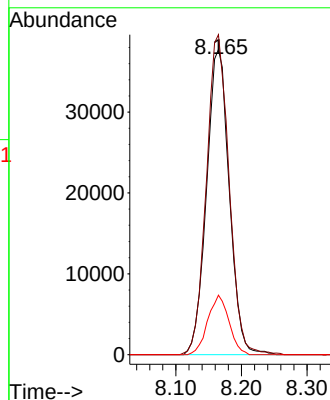
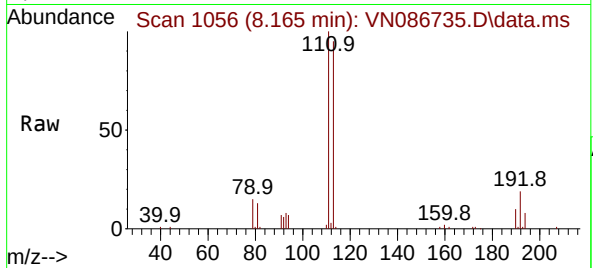


#35
 Dibromofluoromethane
 Concen: 33.893 ug/l
 RT: 8.165 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VN086735.D
 Acq: 21 May 2025 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-01-G

Tgt Ion: 113 Resp: 91015

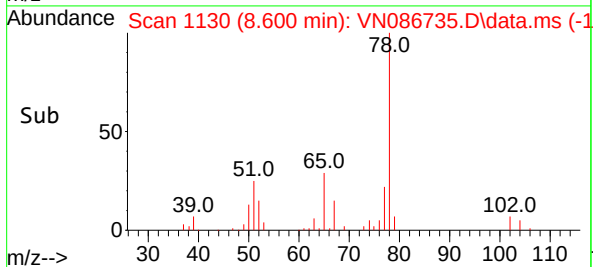
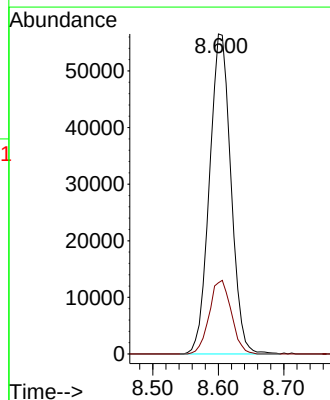
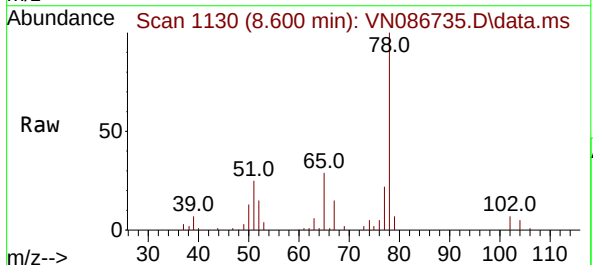
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.2	123.2
192	18.2	13.8	20.8

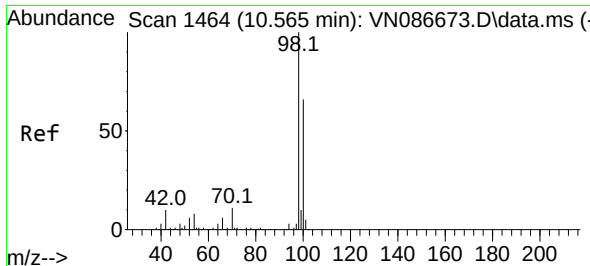


#40
 Benzene
 Concen: 9.937 ug/l
 RT: 8.600 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VN086735.D
 Acq: 21 May 2025 16:42

Tgt Ion: 78 Resp: 128406

Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.1	28.7

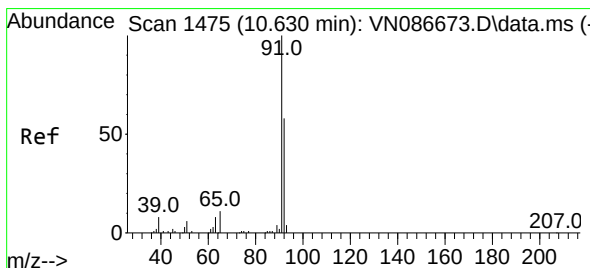
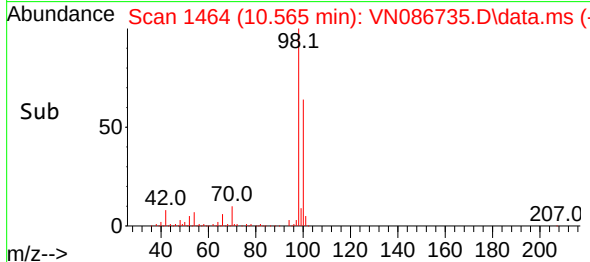
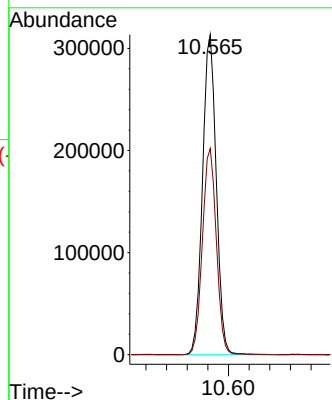
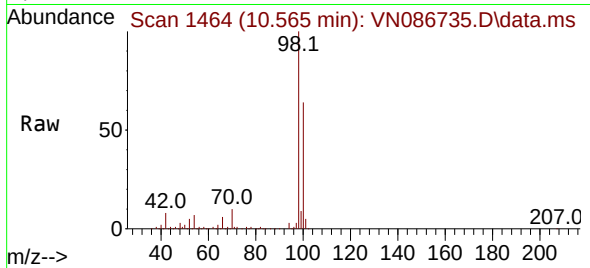




#50
Toluene-d8
Concen: 51.886 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

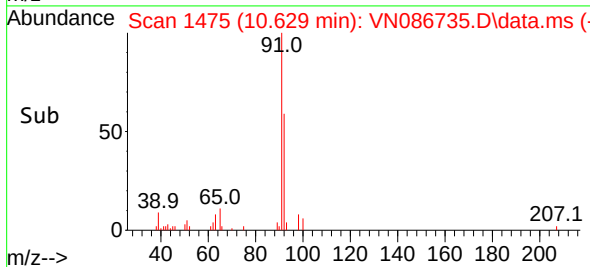
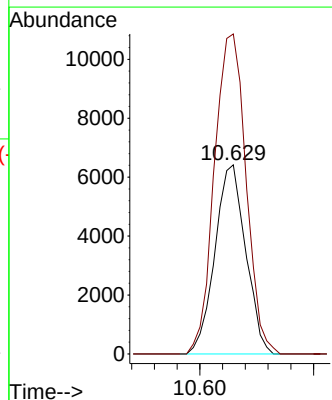
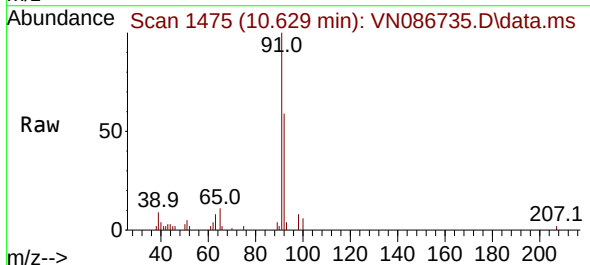
Instrument :
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ClientSampleId :
WC-A2-01-G

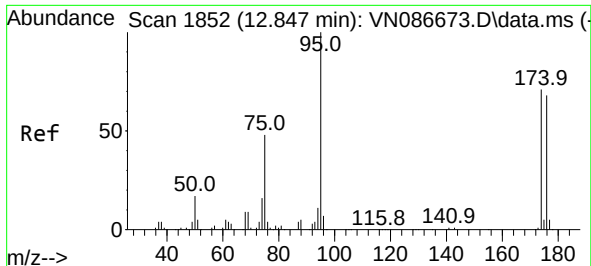
Tgt Ion: 98 Resp: 577408
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#52
Toluene
Concen: 1.499 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

Tgt Ion: 92 Resp: 12038
Ion Ratio Lower Upper
92 100
91 174.1 137.8 206.8

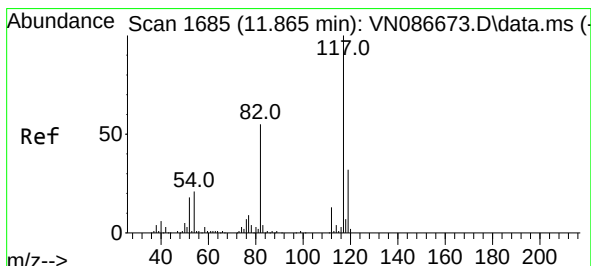
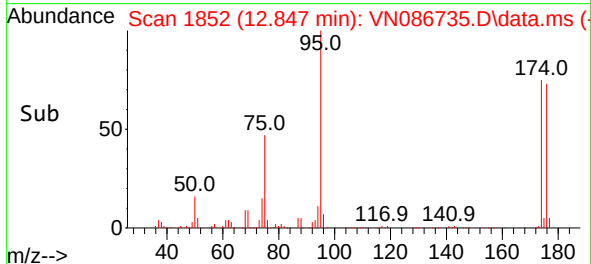
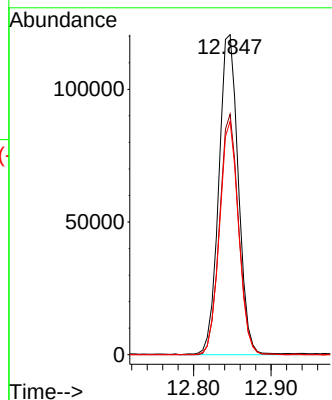
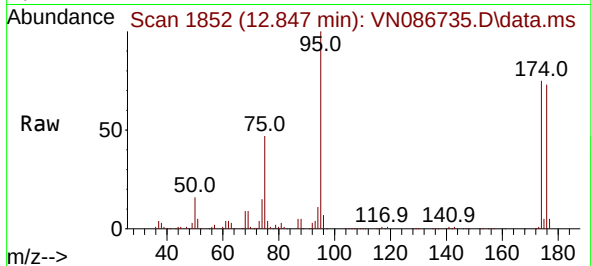




#62
4-Bromofluorobenzene
Concen: 53.710 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

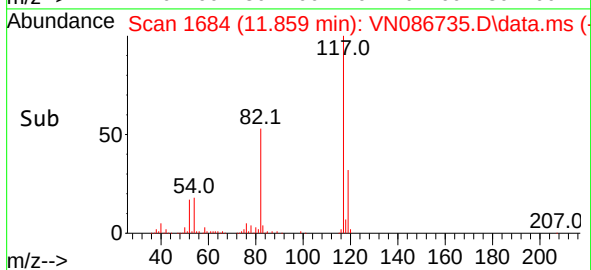
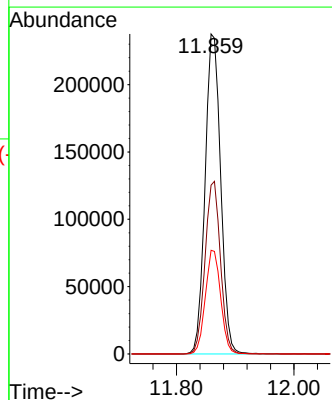
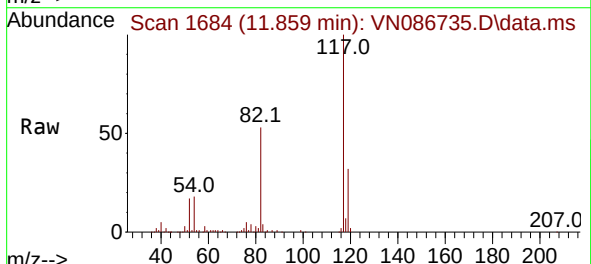
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-01-G

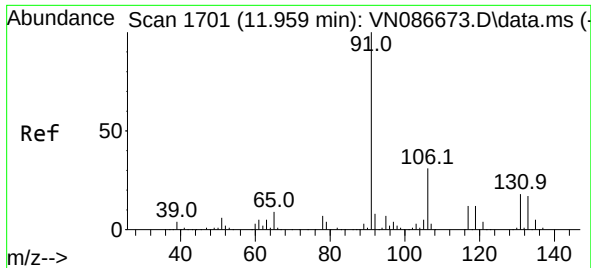
Tgt Ion: 95 Resp: 211049
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.4
176 71.0 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

Tgt Ion:117 Resp: 434993
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.2
119 32.4 25.4 38.2

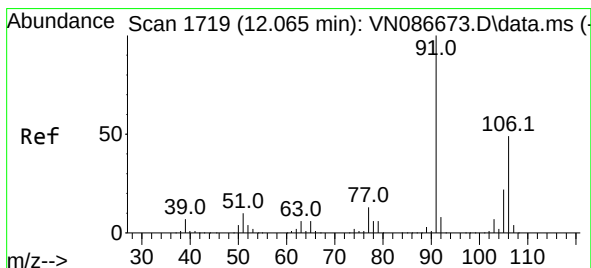
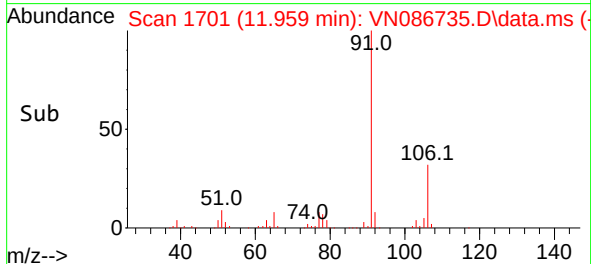
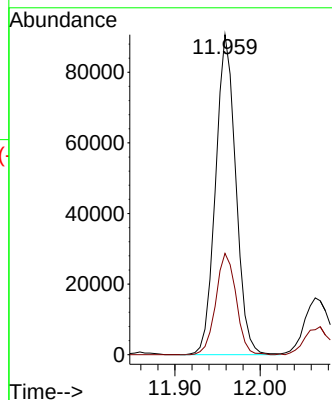
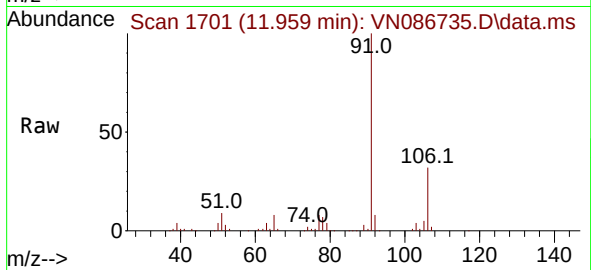




#67
Ethyl Benzene
Concen: 9.150 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

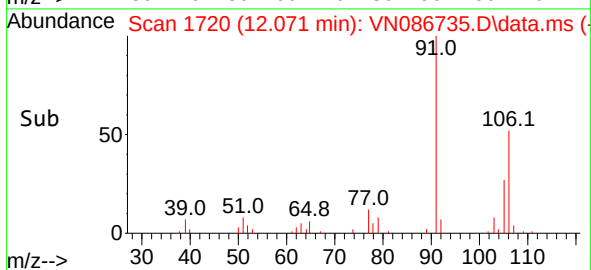
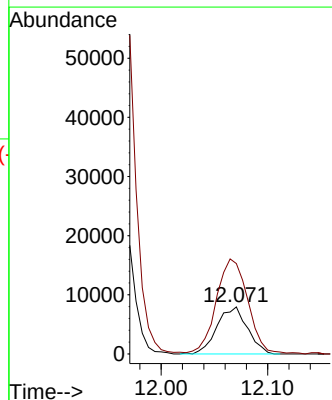
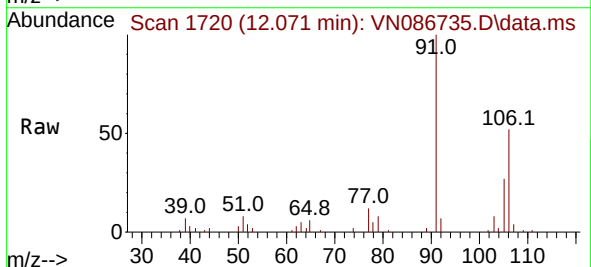
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-01-G

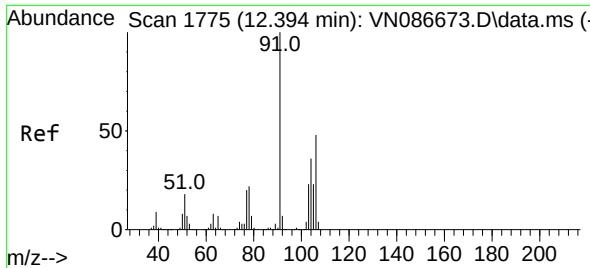
Tgt Ion: 91 Resp: 149495
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 2.544 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

Tgt Ion:106 Resp: 15745
Ion Ratio Lower Upper
106 100
91 210.2 162.4 243.6

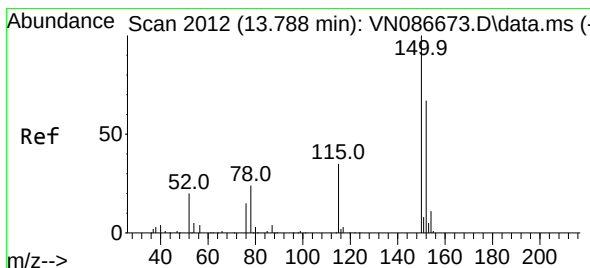
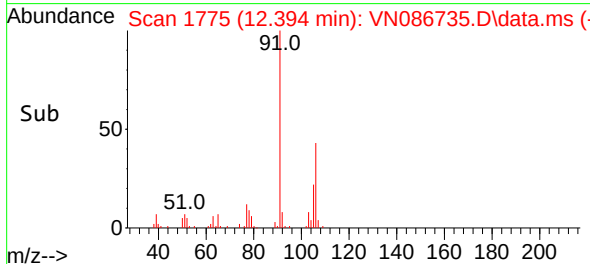
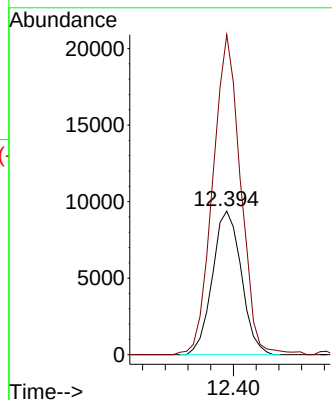
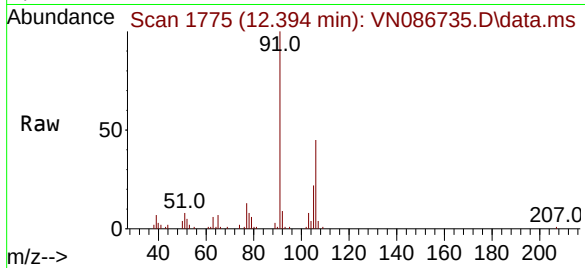




#69
o-Xylene
Concen: 2.690 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

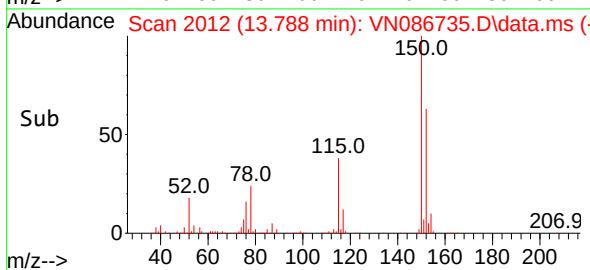
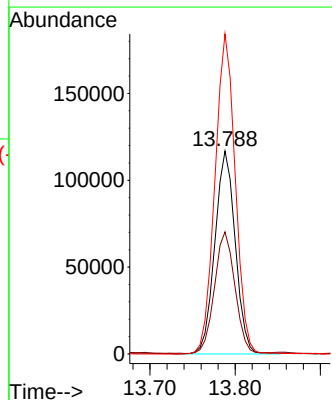
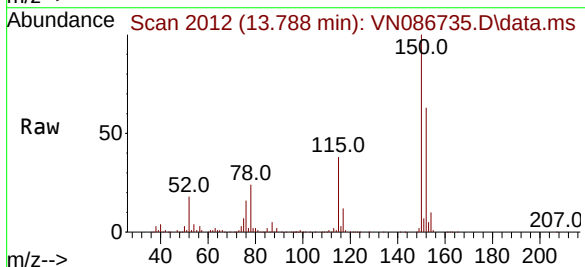
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-01-G

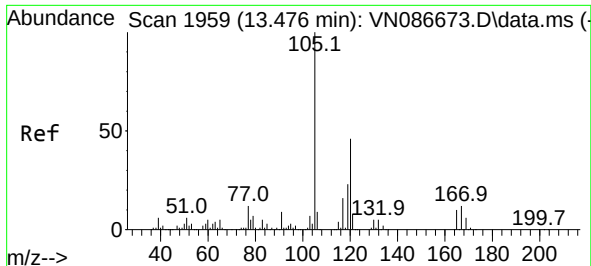
Tgt Ion:106 Resp: 16547
Ion Ratio Lower Upper
106 100
91 215.2 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

Tgt Ion:152 Resp: 194382
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.1
150 157.0 0.0 347.8

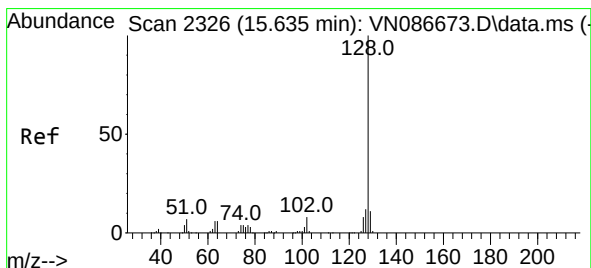
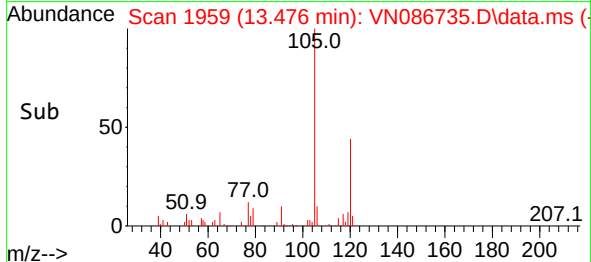
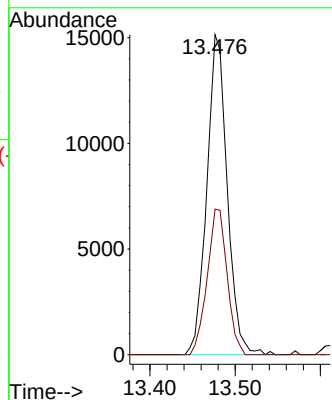
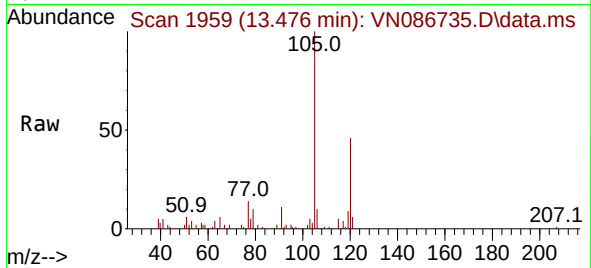




#84
1,2,4-Trimethylbenzene
Concen: 2.104 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

Instrument :
MSVOA_N
ClientSampleId :
WC-A2-01-G

Tgt Ion:105 Resp: 25201
Ion Ratio Lower Upper
105 100
120 44.4 23.2 69.6



#95
Naphthalene
Concen: 171.046 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086735.D
Acq: 21 May 2025 16:42

Tgt Ion:128 Resp: 1559299
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.6 13.0

