

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086993.D
 Acq On : 12 Jun 2025 21:11
 Operator : JC\MD
 Sample : Q2268-05MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605MSD

Quant Time: Jun 13 01:36:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	173076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123846	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	113705	49.068	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.140%
35) Dibromofluoromethane	8.177	113	104046	57.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.220%
50) Toluene-d8	10.571	98	391996	54.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.700%
62) 4-Bromofluorobenzene	12.847	95	143148	53.424	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	87006	50.419	ug/l	98
3) Chloromethane	2.401	50	88604	39.762	ug/l	95
4) Vinyl Chloride	2.553	62	119017	51.776	ug/l	98
5) Bromomethane	2.995	94	32231	25.056	ug/l	88
6) Chloroethane	3.153	64	81301	54.754	ug/l	95
7) Trichlorofluoromethane	3.524	101	170660	56.823	ug/l	99
8) Diethyl Ether	3.983	74	77359	59.118	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.395	101	103982	55.107	ug/l	96
10) Methyl Iodide	4.612	142	60737	24.831	ug/l	96
11) Tert butyl alcohol	5.542	59	181916	289.318	ug/l	100
12) 1,1-Dichloroethene	4.365	96	111344	57.799	ug/l	94
13) Acrolein	4.200	56	35500	178.365	ug/l	# 15
14) Allyl chloride	5.047	41	140861	44.091	ug/l	# 90
15) Acrylonitrile	5.736	53	422886	287.742	ug/l	97
16) Acetone	4.447	43	369511	300.689	ug/l	100
17) Carbon Disulfide	4.742	76	273831	51.389	ug/l	99
18) Methyl Acetate	5.047	43	180774	50.479	ug/l	94
19) Methyl tert-butyl Ether	5.818	73	482233	69.137	ug/l	# 1
20) Methylene Chloride	5.294	84	127825	55.560	ug/l	89
21) trans-1,2-Dichloroethene	5.812	96	118707	55.386	ug/l	94
22) Diisopropyl ether	6.688	45	347490	51.599	ug/l	96
23) Vinyl Acetate	6.618	43	1357766	238.631	ug/l	96
24) 1,1-Dichloroethane	6.583	63	218348	56.341	ug/l	99
25) 2-Butanone	7.494	43	540813	270.744	ug/l	93
26) 2,2-Dichloropropane	7.506	77	120275	39.897	ug/l	93
27) cis-1,2-Dichloroethene	7.500	96	152569	59.522	ug/l	91
28) Bromochloromethane	7.824	49	90949	47.730	ug/l	# 82
29) Tetrahydrofuran	7.847	42	329540	253.252	ug/l	90
30) Chloroform	7.977	83	250489	64.721	ug/l	98
31) Cyclohexane	8.265	56	379270	100.912	ug/l	# 87
32) 1,1,1-Trichloroethane	8.177	97	182691	55.499	ug/l	98
36) 1,1-Dichloropropene	8.382	75	154011	56.733	ug/l	97
37) Ethyl Acetate	7.571	43	166937	48.307	ug/l	96
38) Carbon Tetrachloride	8.371	117	153692	57.667	ug/l	98
39) Methylcyclohexane	9.606	83	427384	114.913	ug/l	93
40) Benzene	8.612	78	1910572	215.227	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	104901	54.051	ug/l	92
42) 1,2-Dichloroethane	8.677	62	149006	55.341	ug/l	93
43) Isopropyl Acetate	8.694	43	306102	55.188	ug/l	100
44) Trichloroethene	9.359	130	128773	61.178	ug/l	96
45) 1,2-Dichloropropane	9.624	63	124843	57.807	ug/l	95
46) Dibromomethane	9.712	93	88261	61.528	ug/l	92
47) Bromodichloromethane	9.894	83	186591	63.221	ug/l	96
48) Methyl methacrylate	9.688	41	127691	50.019	ug/l	89
49) 1,4-Dioxane	9.706	88	58042	1249.766	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	878670	263.149	ug/l	92
52) Toluene	10.635	92	390543	71.990	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	187244	56.736	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	199732	56.562	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	165693	79.377	ug/l #	84
56) Ethyl methacrylate	10.882	69	211558	63.630	ug/l	91
57) 1,3-Dichloropropane	11.165	76	211675	58.456	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	789	0.398	ug/l #	46
59) 2-Hexanone	11.200	43	615338	286.097	ug/l	90
60) Dibromochloromethane	11.359	129	138270	63.576	ug/l	100
61) 1,2-Dibromoethane	11.471	107	132760	62.049	ug/l	94
64) Tetrachloroethene	11.106	164	98309	58.017	ug/l	97
65) Chlorobenzene	11.894	112	357502	60.539	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	118148	62.240	ug/l	100
67) Ethyl Benzene	11.965	91	6753470	663.940	ug/l	98
68) m/p-Xylenes	12.076	106	3471863	891.646	ug/l	97
69) o-Xylene	12.400	106	250950	67.293	ug/l	98
70) Styrene	12.412	104	388491	60.879	ug/l	98
71) Bromoform	12.576	173	94925	67.490	ug/l #	100
73) Isopropylbenzene	12.694	105	1166750	129.318	ug/l	100
74) N-amyl acetate	12.512	43	169730	53.835	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	193115	63.181	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	251616	85.471	ug/l	70
77) Bromobenzene	12.982	156	140236	67.776	ug/l	91
78) n-propylbenzene	13.035	91	2086241	190.273	ug/l	98
79) 2-Chlorotoluene	13.123	91	520161	79.106	ug/l	89
80) 1,3,5-Trimethylbenzene	13.170	105	1308849	175.709	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	66243	51.799	ug/l	93
82) 4-Chlorotoluene	13.223	91	397978	59.817	ug/l	96
83) tert-Butylbenzene	13.435	119	391714	57.448	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	3700121	495.359	ug/l	97
85) sec-Butylbenzene	13.617	105	585523	59.131	ug/l	93
86) p-Isopropyltoluene	13.729	119	454043	55.470	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	249522	61.293	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	252413	60.816	ug/l	100
89) n-Butylbenzene	14.053	91	477756	60.259	ug/l #	85
90) Hexachloroethane	14.329	117	145354	104.762	ug/l	61
91) 1,2-Dichlorobenzene	14.106	146	234064	59.846	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41297	56.495	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	134765	53.960	ug/l	94
94) Hexachlorobutadiene	15.500	225	38102	40.948	ug/l	98
95) Naphthalene	15.641	128	4181384	449.797	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	132306	53.319	ug/l	96

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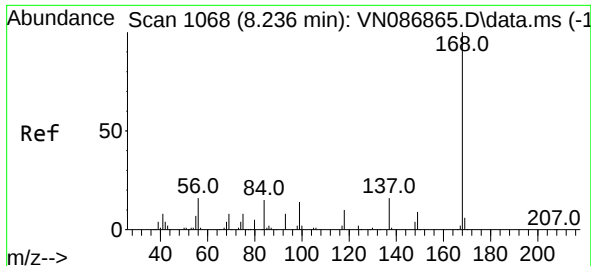
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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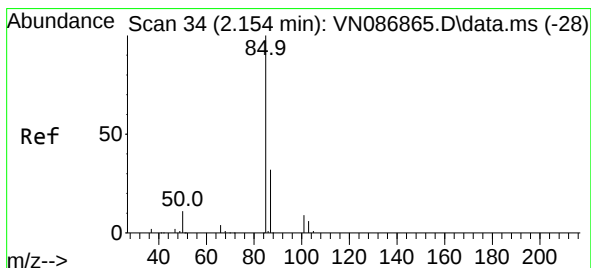
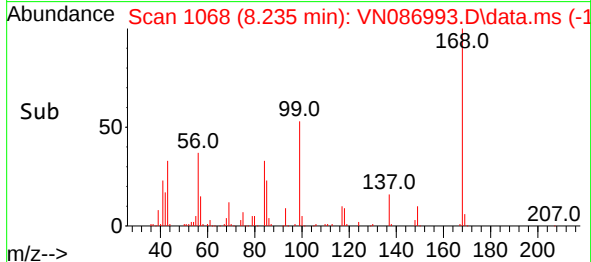
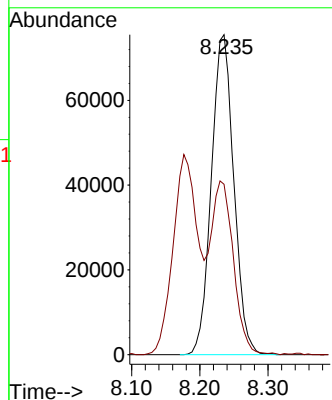
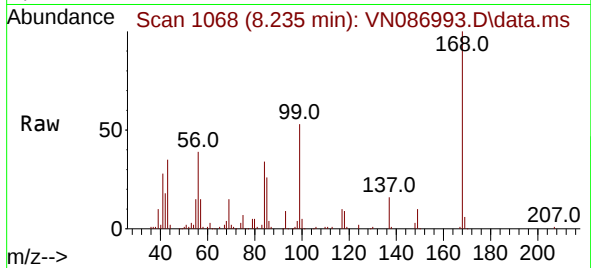




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086993.D
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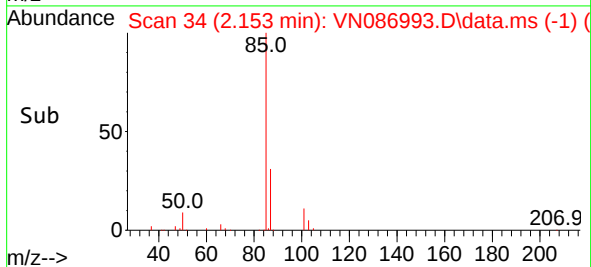
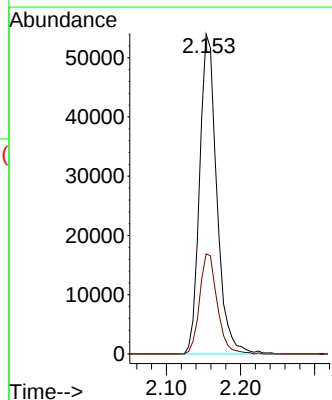
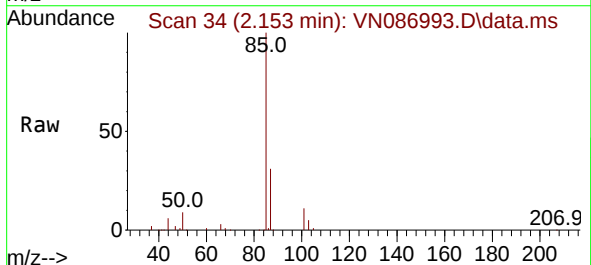
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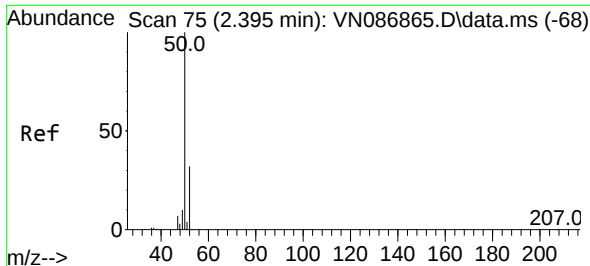
Tgt Ion:168 Resp: 173076
Ion Ratio Lower Upper
168 100
99 53.3 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 50.419 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 85 Resp: 87006
Ion Ratio Lower Upper
85 100
87 31.3 16.2 48.6

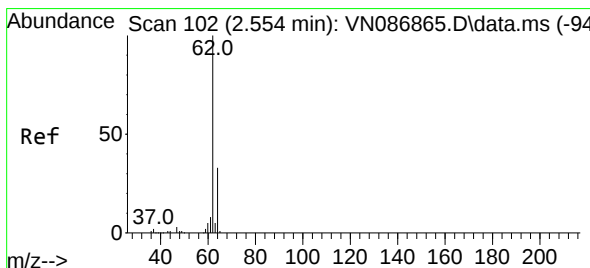
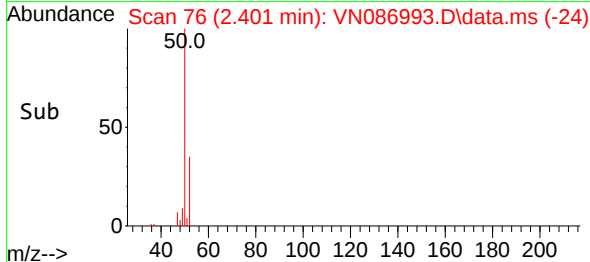
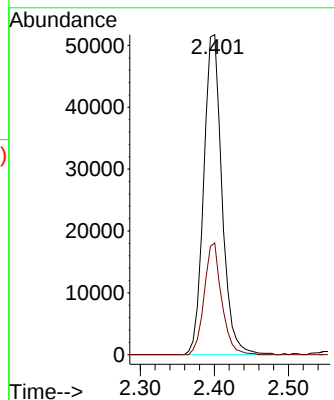
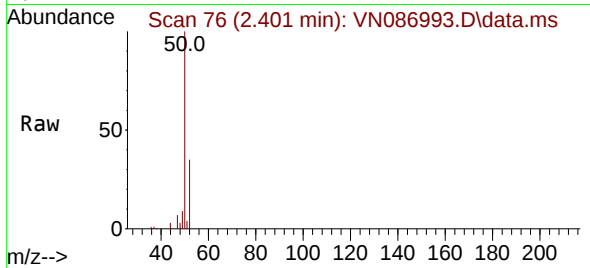




#3
Chloromethane
Concen: 39.762 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

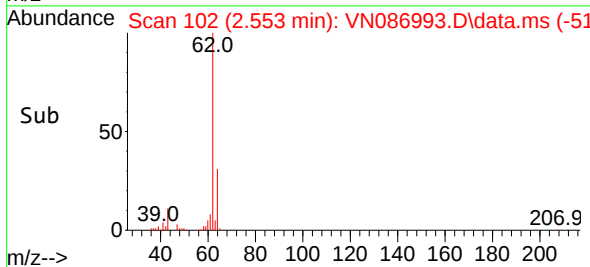
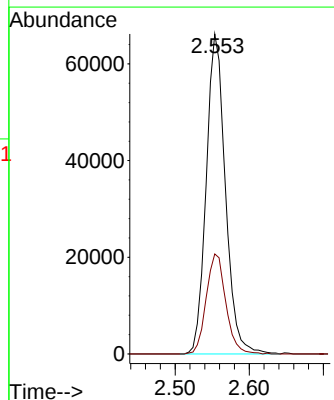
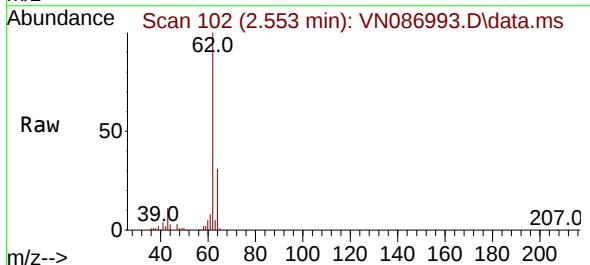
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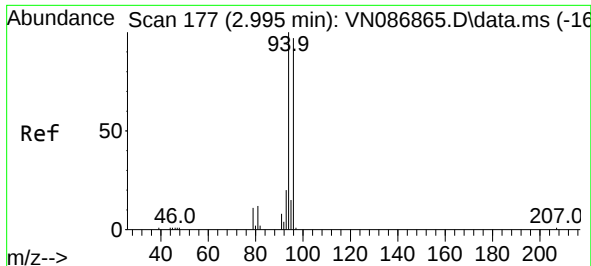
Tgt Ion: 50 Resp: 88604
Ion Ratio Lower Upper
50 100
52 34.9 25.7 38.5



#4
Vinyl Chloride
Concen: 51.776 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 62 Resp: 119017
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0

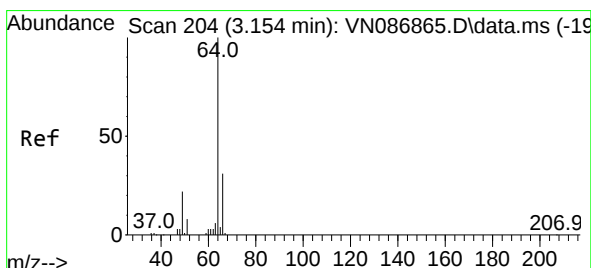
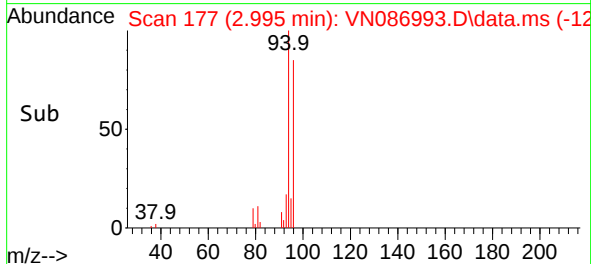
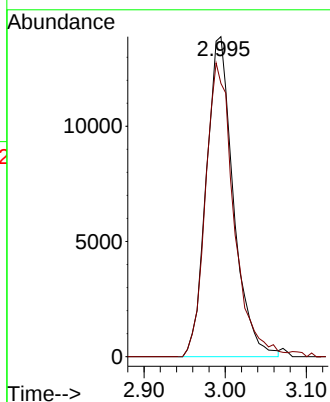
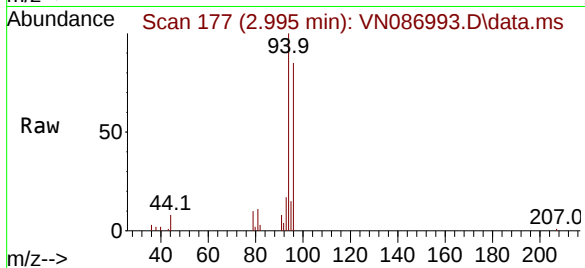




#5
Bromomethane
Concen: 25.056 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

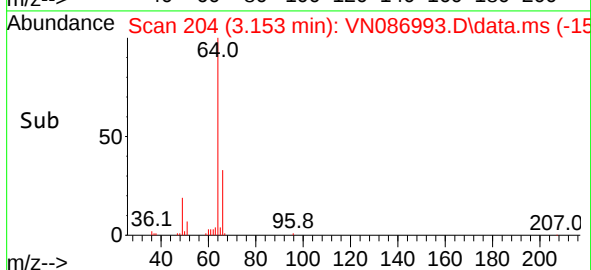
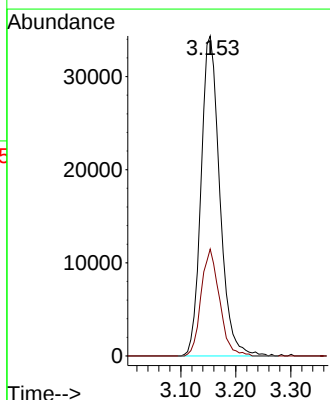
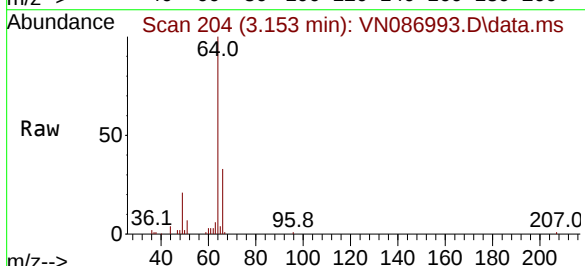
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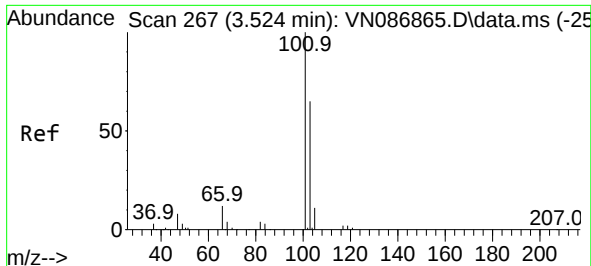
Tgt Ion: 94 Resp: 32231
Ion Ratio Lower Upper
94 100
96 85.4 77.9 116.9



#6
Chloroethane
Concen: 54.754 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 64 Resp: 81301
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8

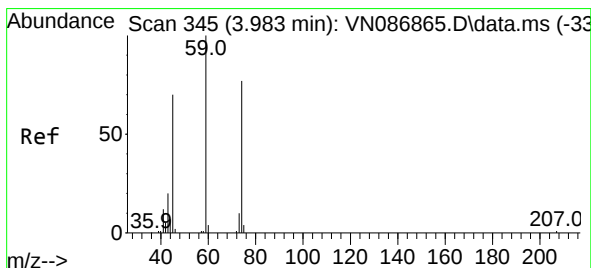
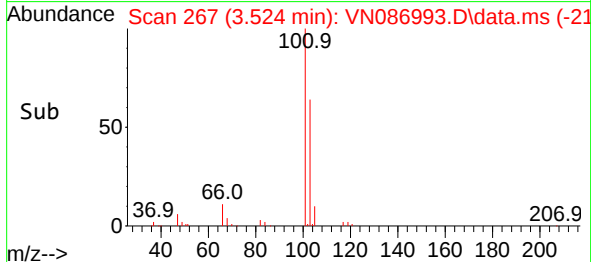
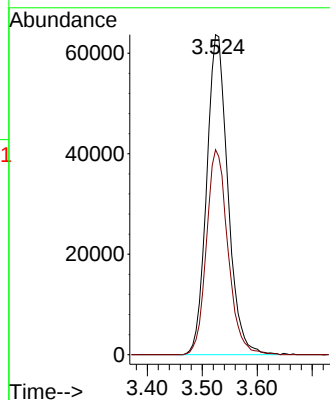
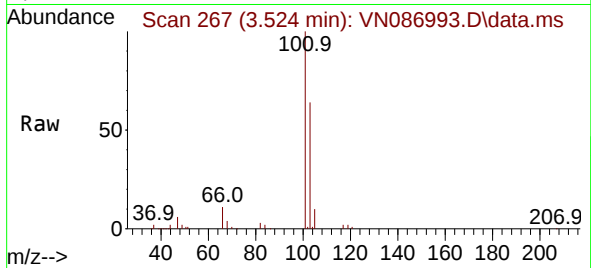




#7
 Trichlorofluoromethane
 Concen: 56.823 ug/l
 RT: 3.524 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086993.D
 Acq: 12 Jun 2025 21:11

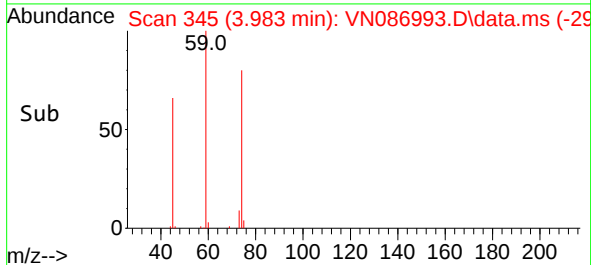
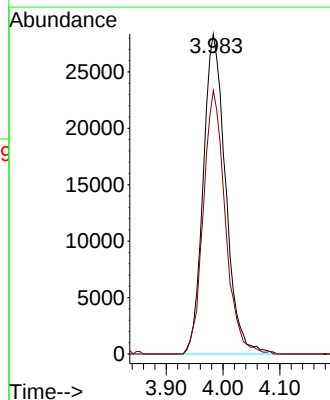
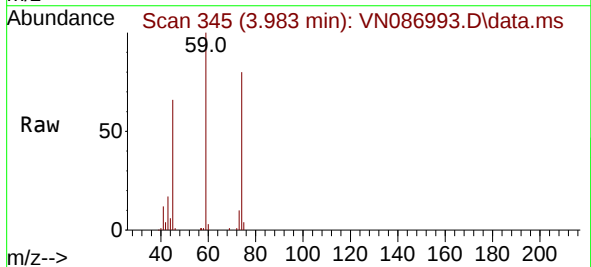
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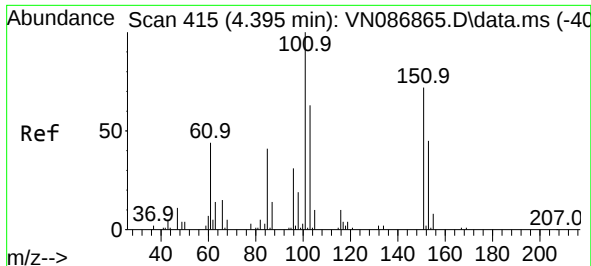
Tgt Ion:101 Resp: 170660
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.2



#8
 Diethyl Ether
 Concen: 59.118 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 77359
 Ion Ratio Lower Upper
 74 100
 45 80.9 45.5 136.5

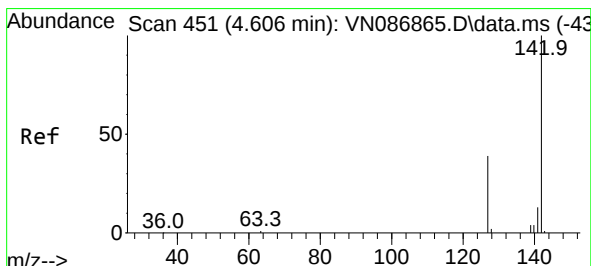
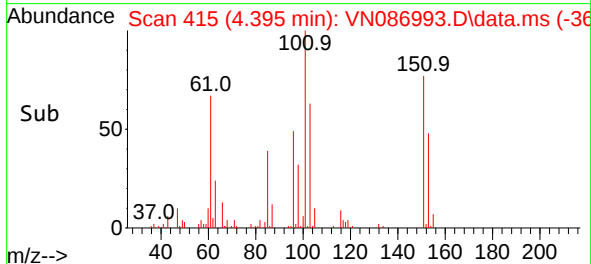
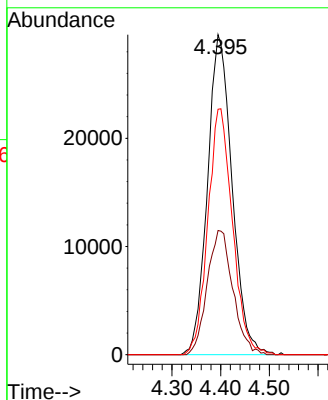
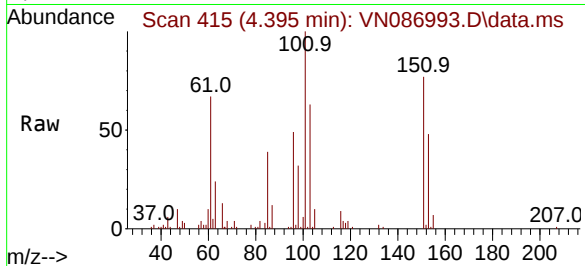




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.107 ug/l
RT: 4.395 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

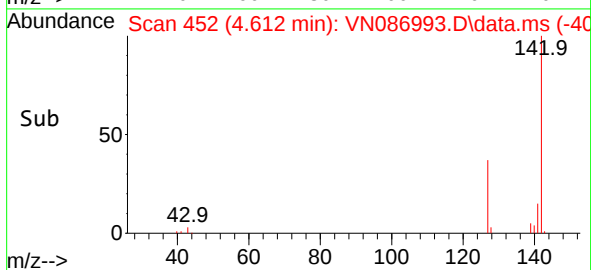
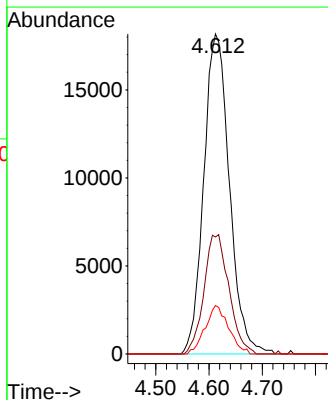
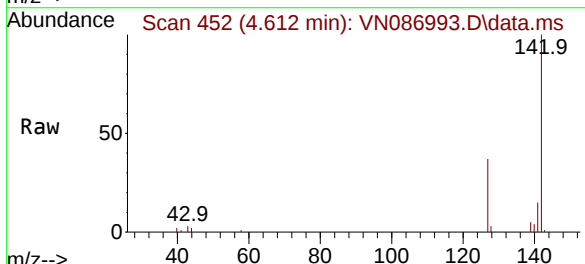
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

Tgt Ion:101 Resp: 103982
Ion Ratio Lower Upper
101 100
85 40.4 33.8 50.8
151 76.7 58.7 88.1



#10
Methyl Iodide
Concen: 24.831 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion:142 Resp: 60737
Ion Ratio Lower Upper
142 100
127 36.5 30.9 46.3
141 15.2 10.4 15.6

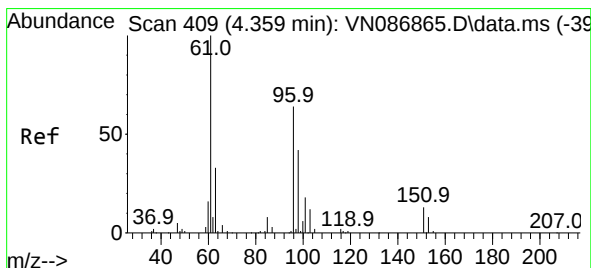
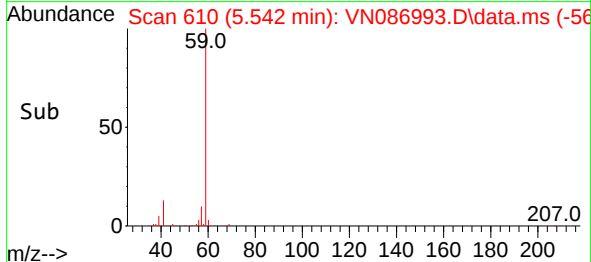
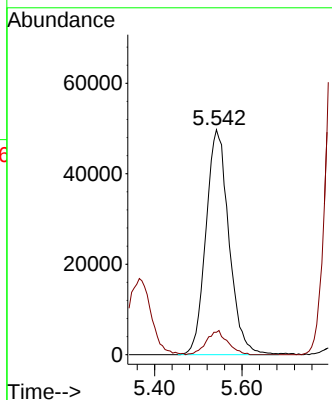
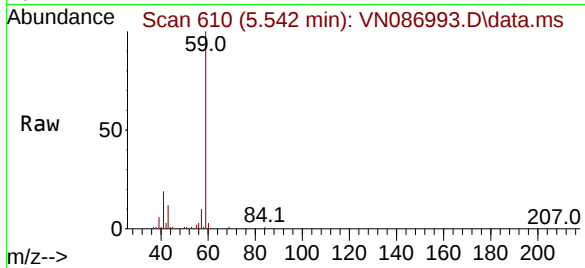




#11
Tert butyl alcohol
Concen: 289.318 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

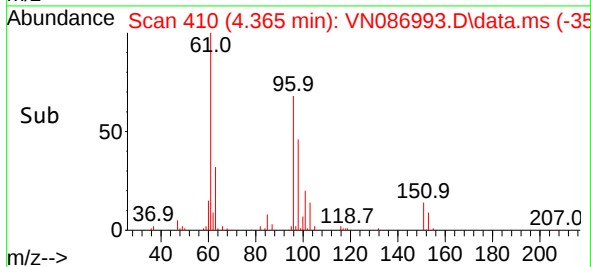
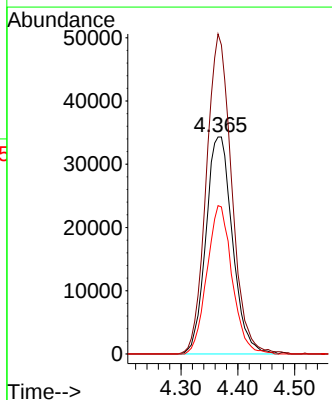
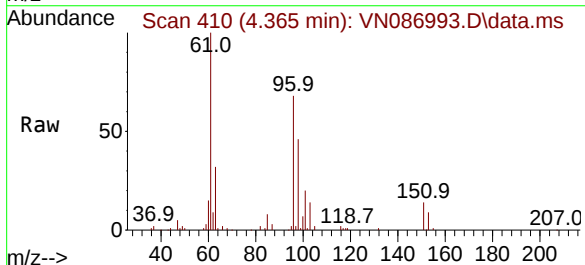
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

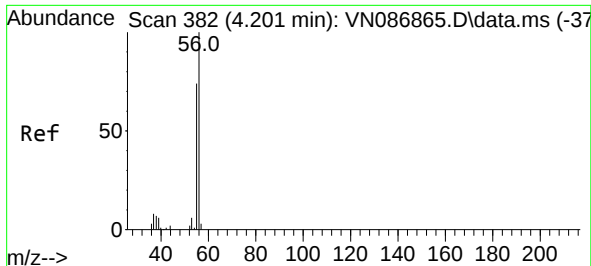
Tgt Ion: 59 Resp: 181916
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 57.799 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 96 Resp: 111344
Ion Ratio Lower Upper
96 100
61 147.4 125.8 188.6
98 68.3 52.5 78.7

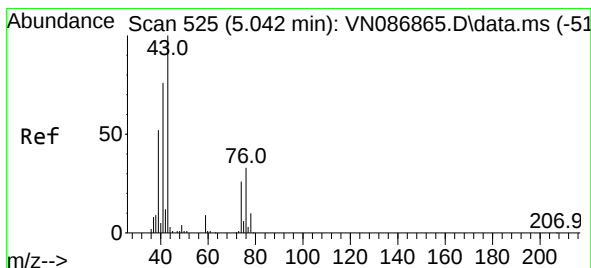
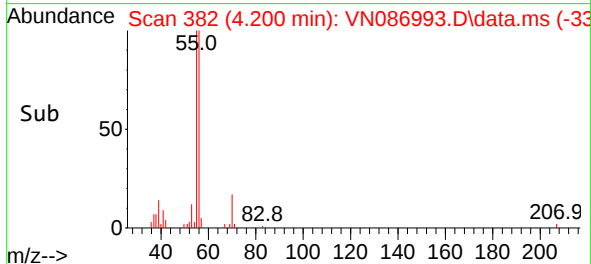
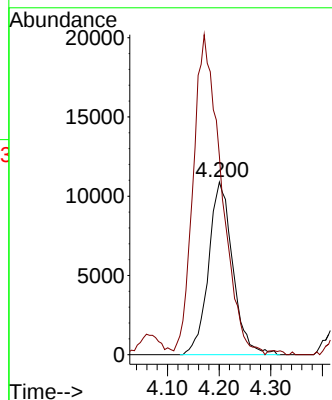
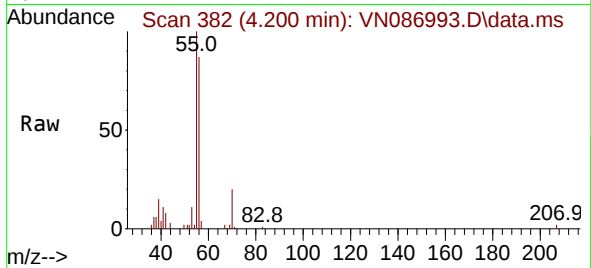




#13
Acrolein
Concen: 178.365 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

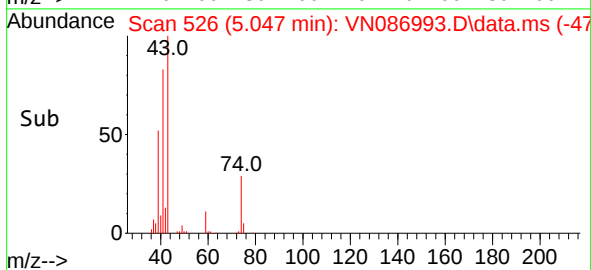
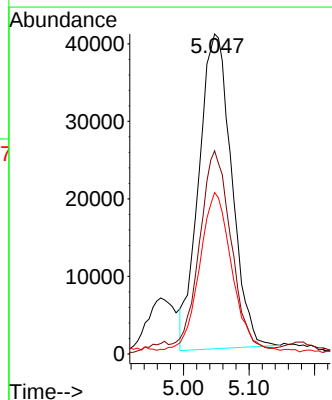
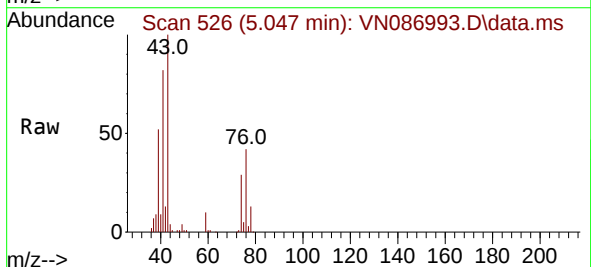
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

Tgt Ion: 56 Resp: 35500
Ion Ratio Lower Upper
56 100
55 0.0 55.6 83.4#



#14
Allyl chloride
Concen: 44.091 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 41 Resp: 140861
Ion Ratio Lower Upper
41 100
39 59.2 51.3 76.9
76 48.9 31.4 47.0#

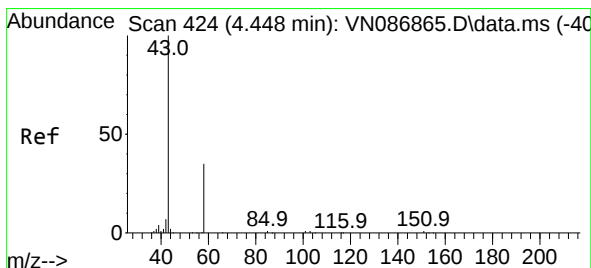
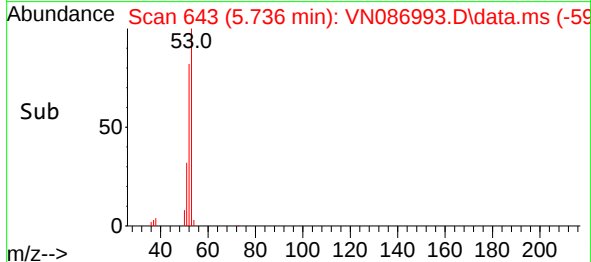
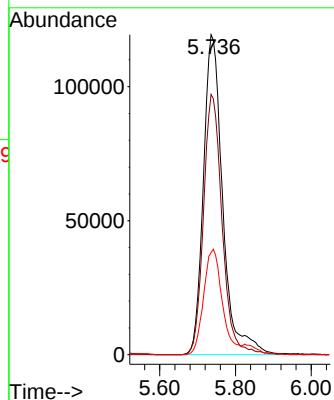
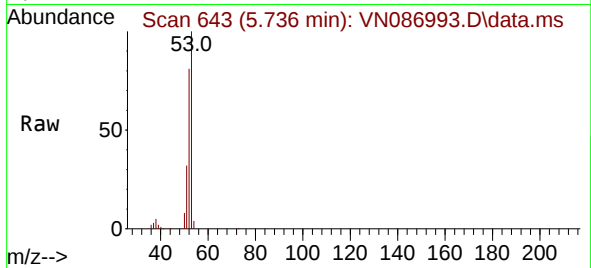




#15
Acrylonitrile
Concen: 287.742 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

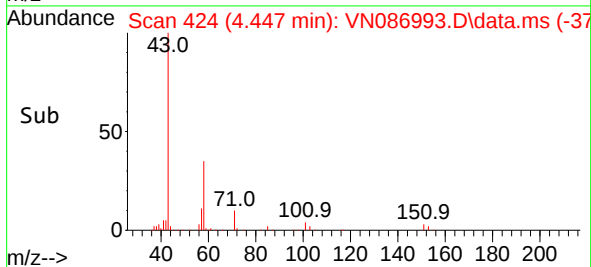
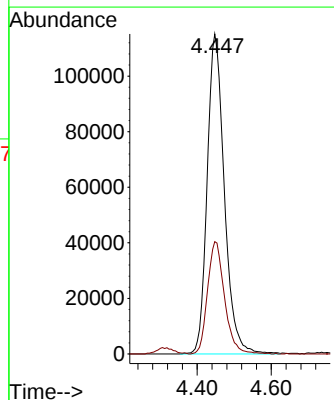
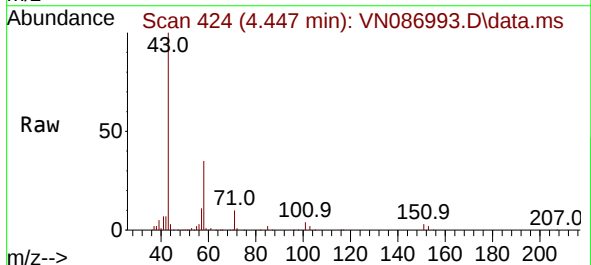
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

Tgt Ion: 53 Resp: 422886
Ion Ratio Lower Upper
53 100
52 78.5 65.0 97.6
51 32.1 27.2 40.8



#16
Acetone
Concen: 300.689 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 43 Resp: 369511
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0

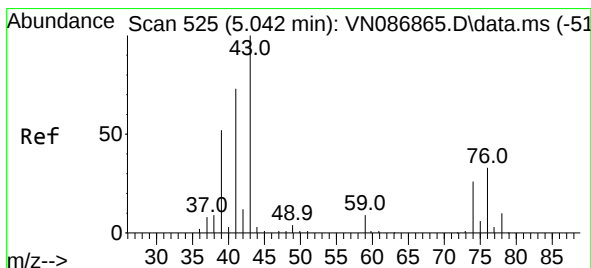
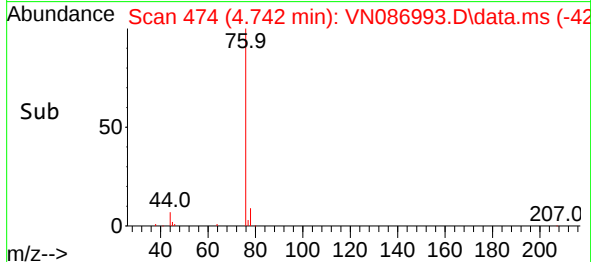
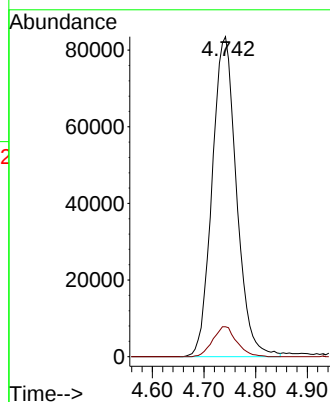
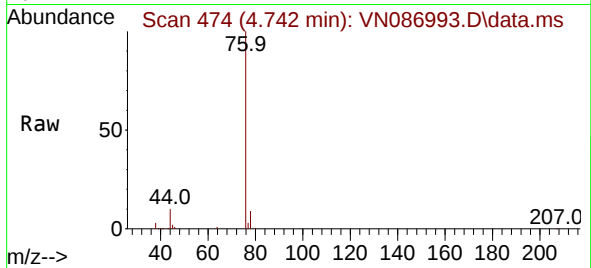




#17
Carbon Disulfide
Concen: 51.389 ug/l
RT: 4.742 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

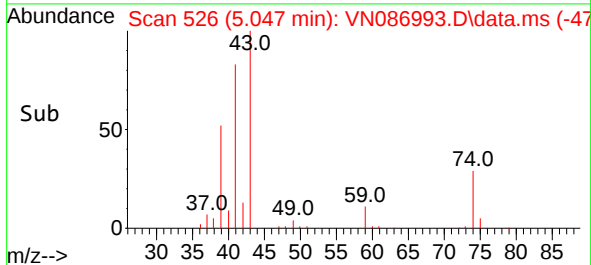
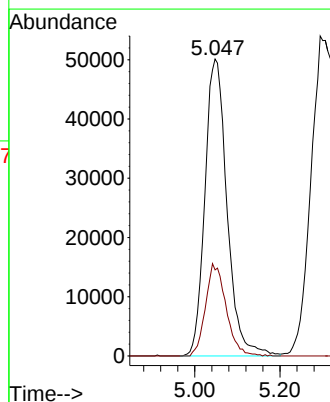
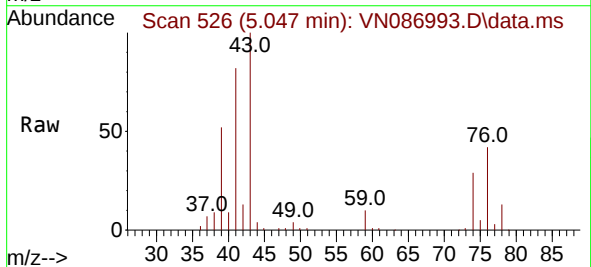
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

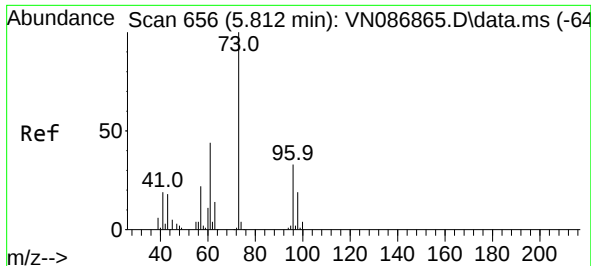
Tgt Ion: 76 Resp: 273831
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 50.479 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 43 Resp: 180774
Ion Ratio Lower Upper
43 100
74 28.9 20.7 31.1

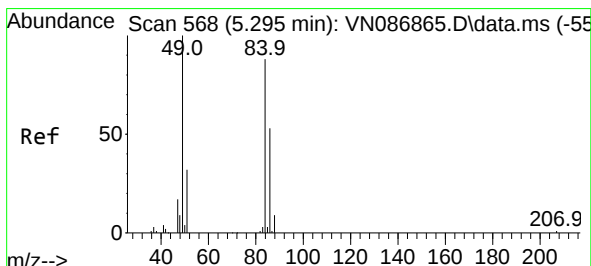
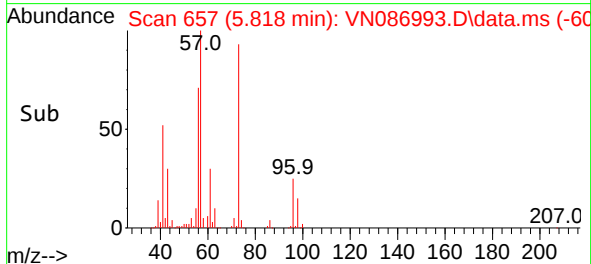
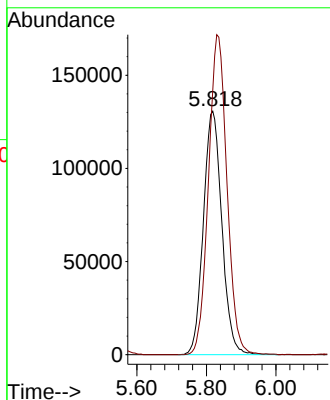
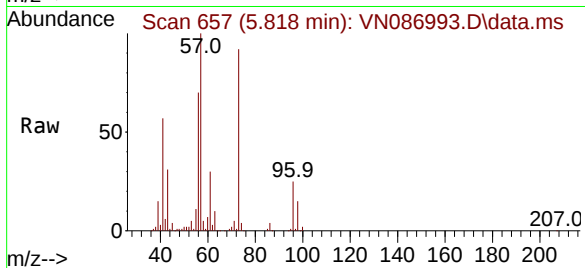




#19
Methyl tert-butyl Ether
Concen: 69.137 ug/l
RT: 5.818 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

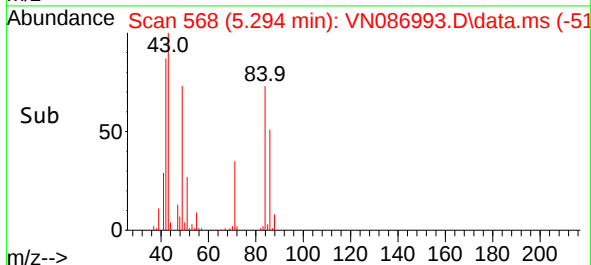
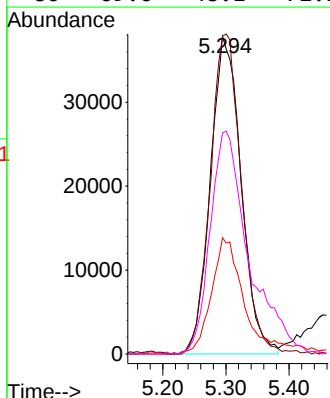
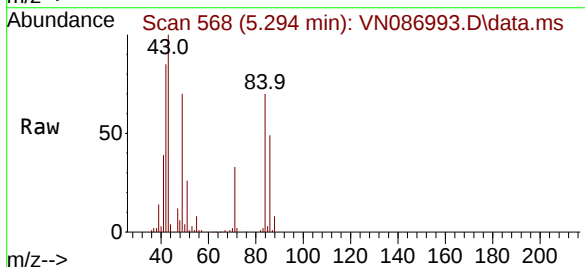
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

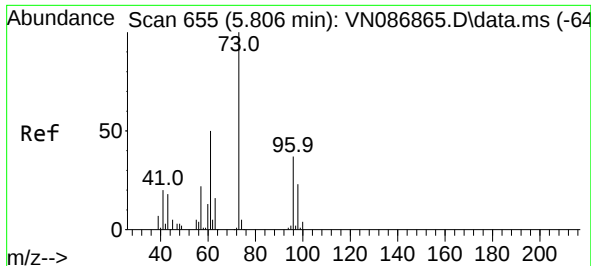
Tgt Ion: 73 Resp: 482233
Ion Ratio Lower Upper
73 100
57 108.5 17.4 26.2#



#20
Methylene Chloride
Concen: 55.560 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 84 Resp: 127825
Ion Ratio Lower Upper
84 100
49 100.0 90.5 135.7
51 36.6 28.5 42.7
86 69.6 48.1 72.1

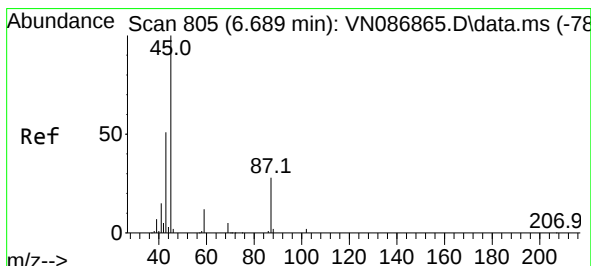
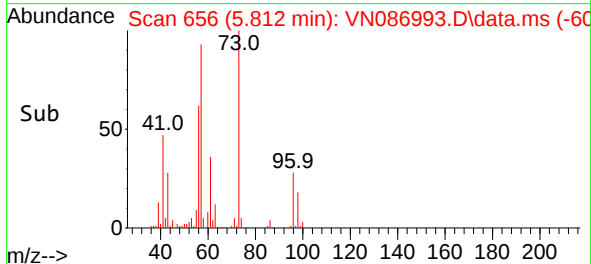
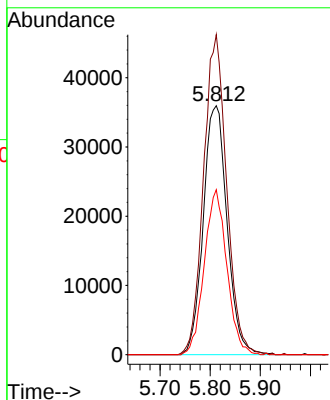
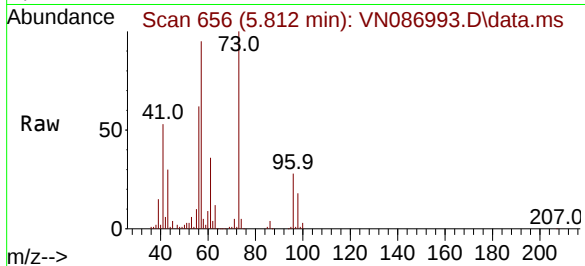




#21
trans-1,2-Dichloroethene
Concen: 55.386 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

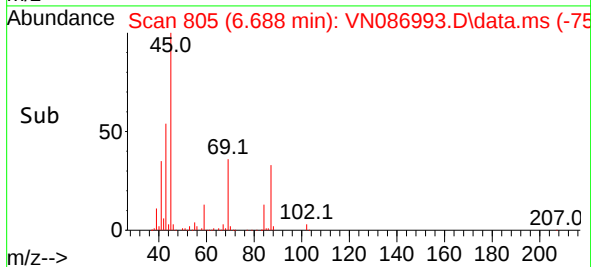
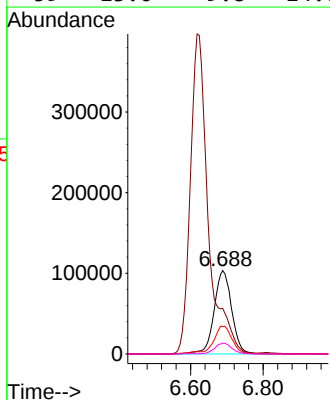
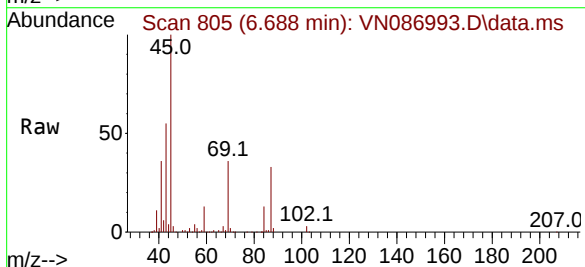
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

Tgt Ion: 96 Resp: 118707
Ion Ratio Lower Upper
96 100
61 128.5 109.2 163.8
98 66.3 49.8 74.8



#22
Diisopropyl ether
Concen: 51.599 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 45 Resp: 347490
Ion Ratio Lower Upper
45 100
43 53.9 41.9 62.9
87 33.0 22.4 33.6
59 13.0 9.8 14.6

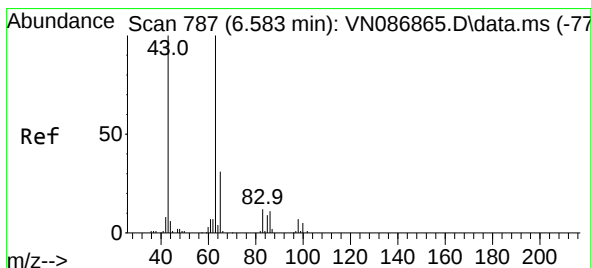
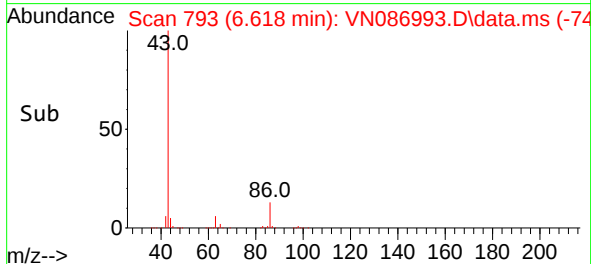
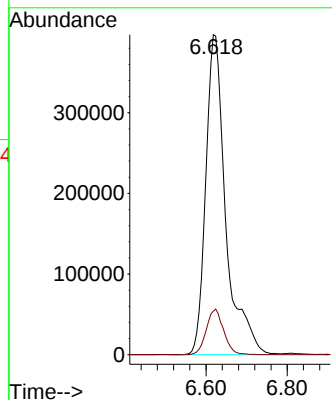
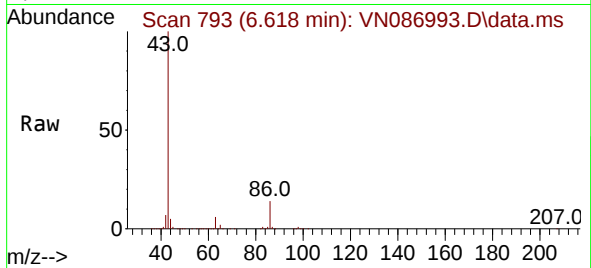




#23
 Vinyl Acetate
 Concen: 238.631 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086993.D
 Acq: 12 Jun 2025 21:11

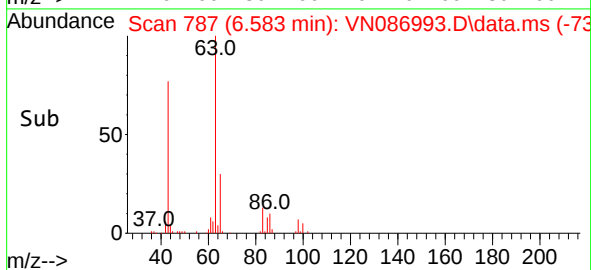
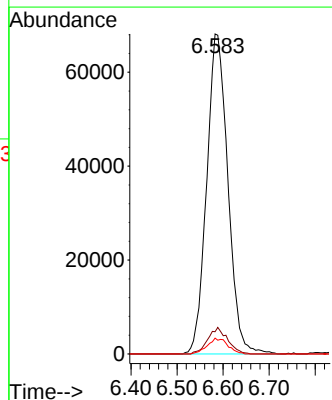
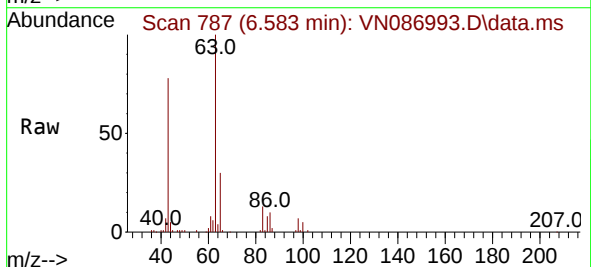
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605MSD

Tgt Ion: 43 Resp: 1357766
 Ion Ratio Lower Upper
 43 100
 86 13.6 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 56.341 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086993.D
 Acq: 12 Jun 2025 21:11

Tgt Ion: 63 Resp: 218348
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.9 2.6 7.8

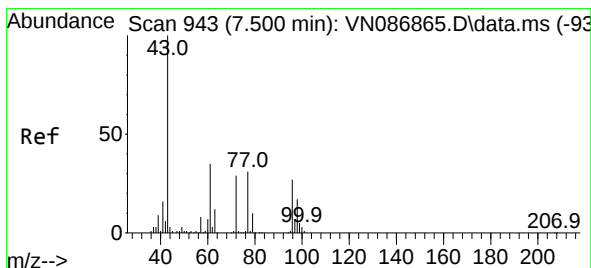
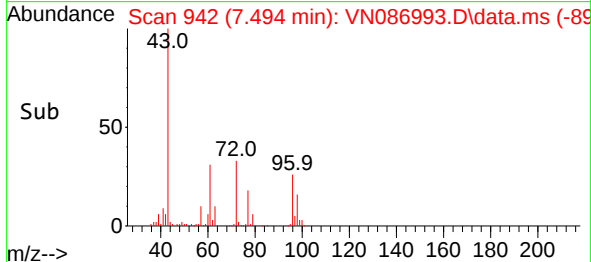
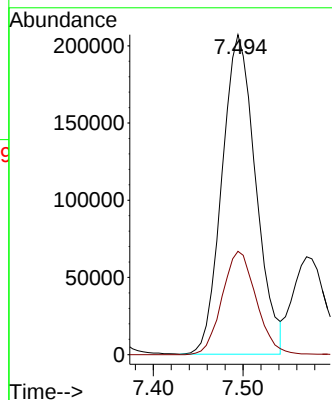
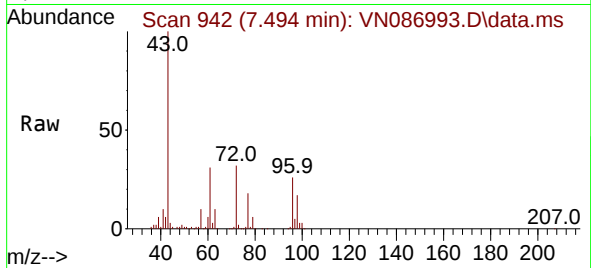




#25
2-Butanone
Concen: 270.744 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

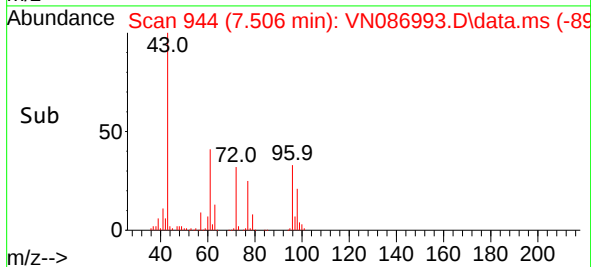
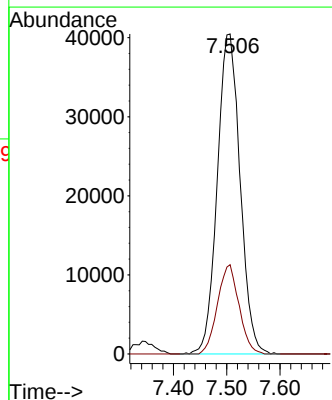
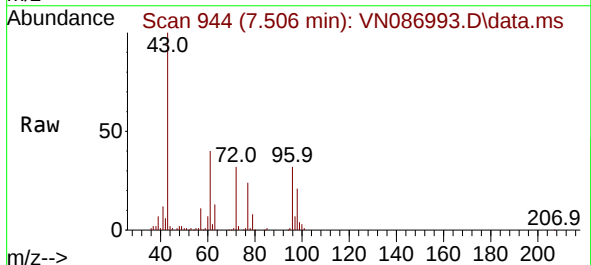
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

Tgt Ion: 43 Resp: 540813
Ion Ratio Lower Upper
43 100
72 32.4 23.0 34.6



#26
2,2-Dichloropropane
Concen: 39.897 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 77 Resp: 120275
Ion Ratio Lower Upper
77 100
97 26.3 11.6 34.7

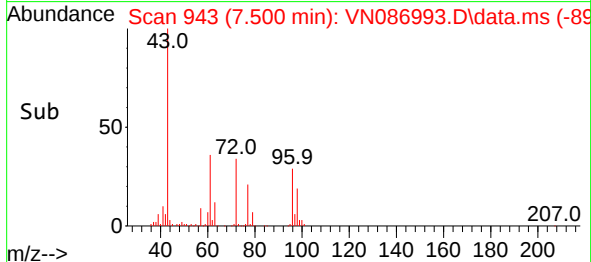
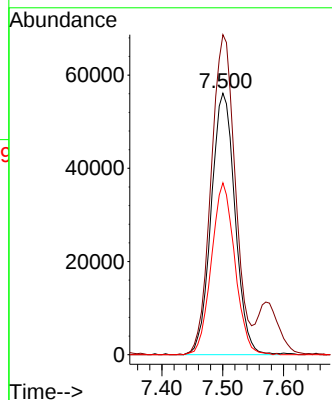
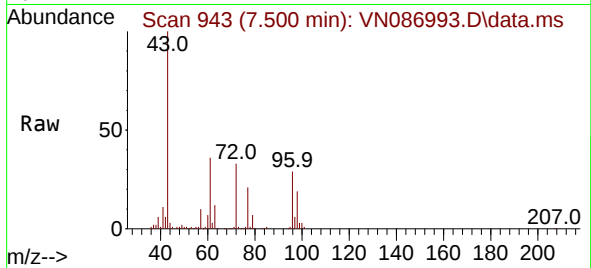




#27
 cis-1,2-Dichloroethene
 Concen: 59.522 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086993.D
 Acq: 12 Jun 2025 21:11

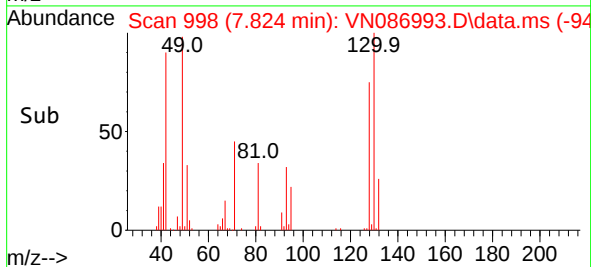
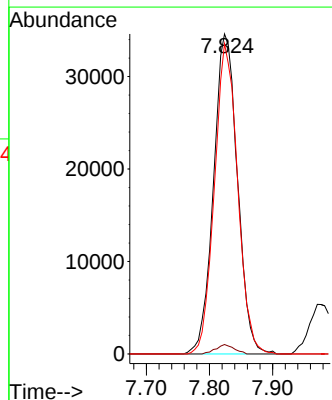
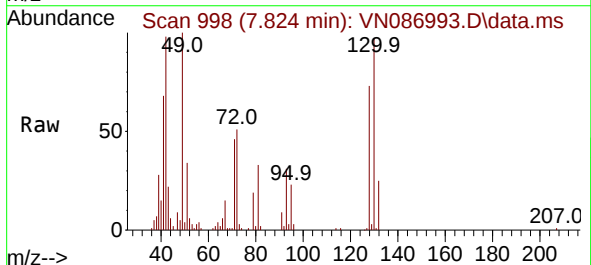
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605MSD

Tgt Ion: 96 Resp: 152569
 Ion Ratio Lower Upper
 96 100
 61 123.7 0.0 278.0
 98 64.6 0.0 128.2



#28
 Bromochloromethane
 Concen: 47.730 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086993.D
 Acq: 12 Jun 2025 21:11

Tgt Ion: 49 Resp: 90949
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 94.0 62.2 93.2#





#29

Tetrahydrofuran

Concen: 253.252 ug/l

RT: 7.847 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20250605MSD

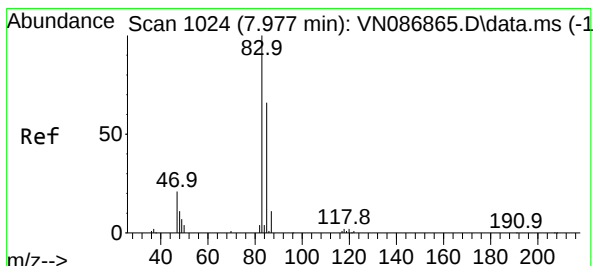
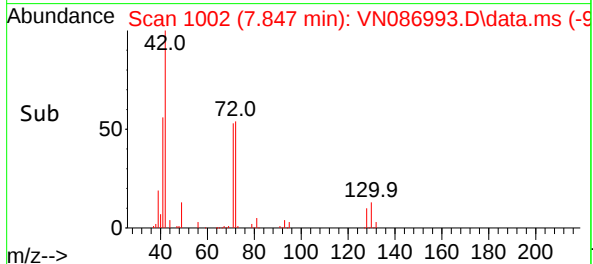
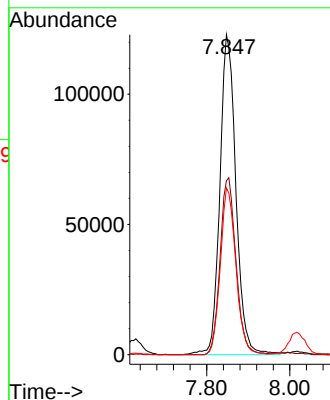
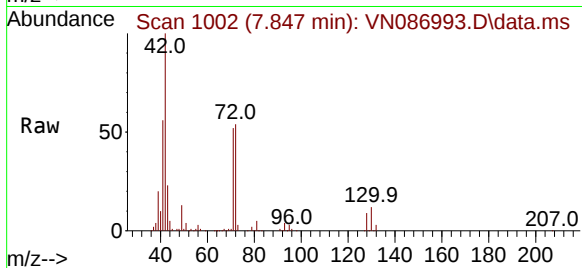
Tgt Ion: 42 Resp: 329540

Ion Ratio Lower Upper

42 100

72 54.7 37.8 56.6

71 50.6 35.6 53.4



#30

Chloroform

Concen: 64.721 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN086993.D

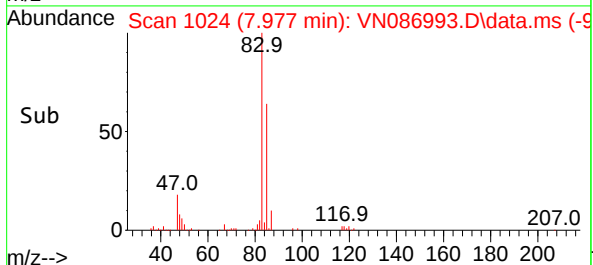
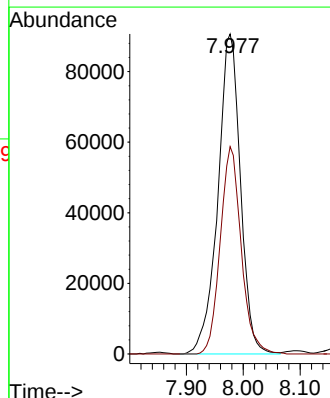
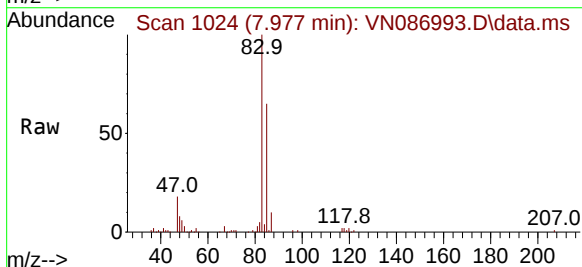
Acq: 12 Jun 2025 21:11

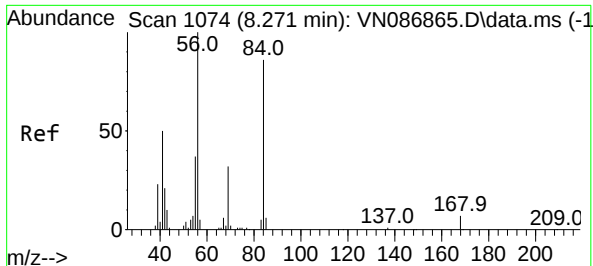
Tgt Ion: 83 Resp: 250489

Ion Ratio Lower Upper

83 100

85 64.8 52.9 79.3

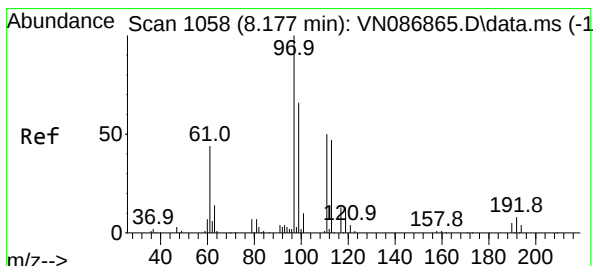
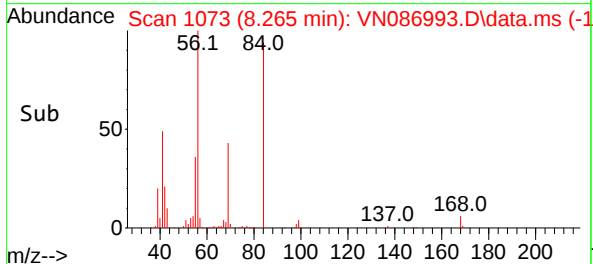
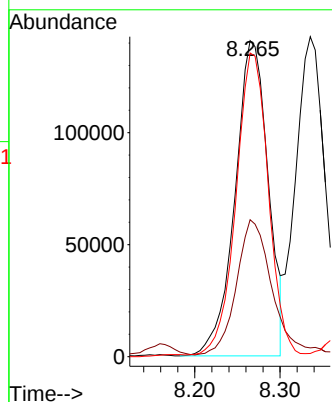
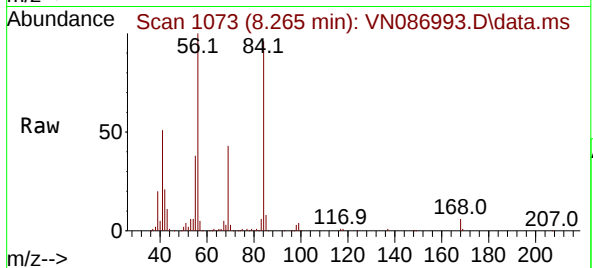




#31
Cyclohexane
Concen: 100.912 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

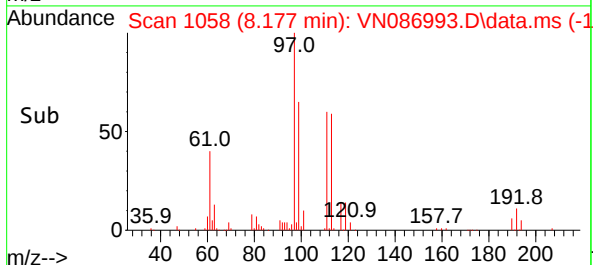
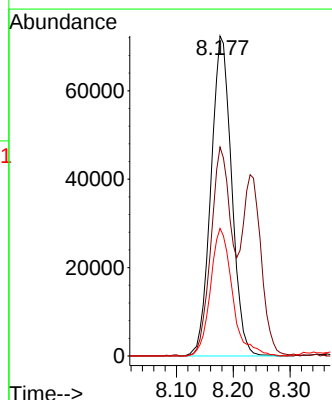
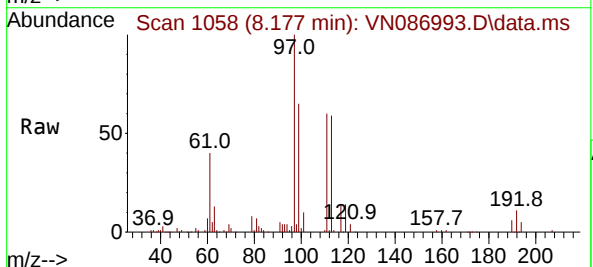
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

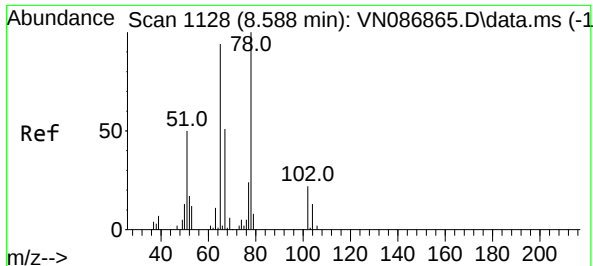
Tgt Ion: 56 Resp: 379270
Ion Ratio Lower Upper
56 100
69 42.0 25.4 38.0#
84 95.7 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 55.499 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 97 Resp: 182691
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 42.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 49.068 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

Instrument :

MSVOA_N

ClientSampleId :

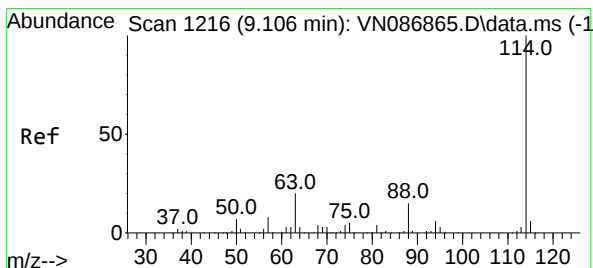
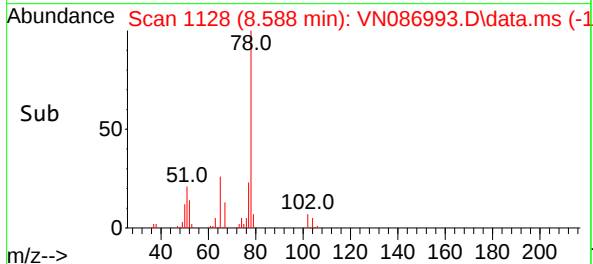
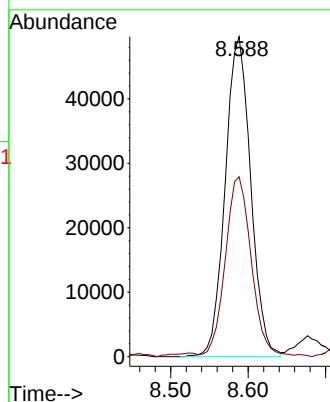
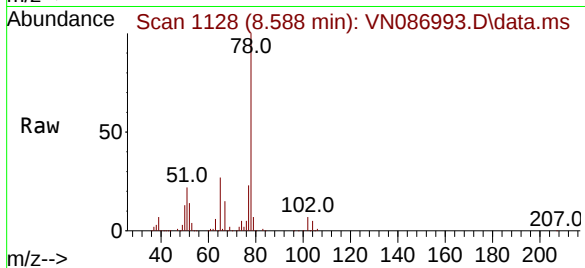
MW-2-20250605MSD

Tgt Ion: 65 Resp: 113705

Ion Ratio Lower Upper

65 100

67 57.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

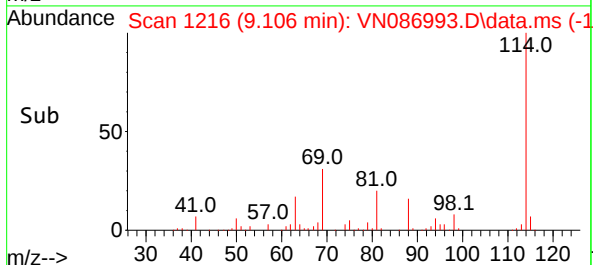
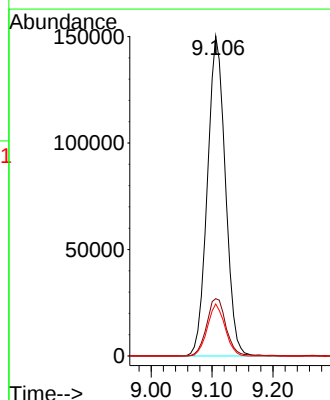
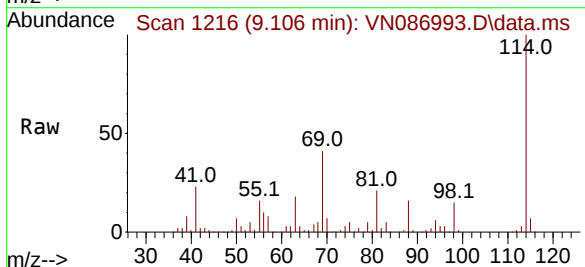
Tgt Ion: 114 Resp: 307412

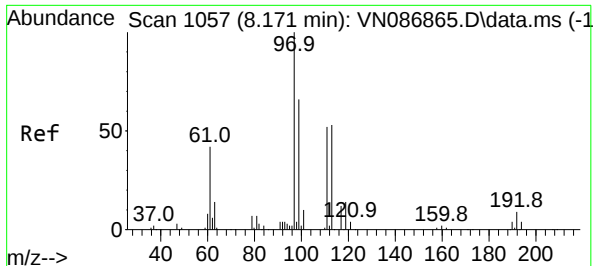
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 16.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 57.112 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20250605MSD

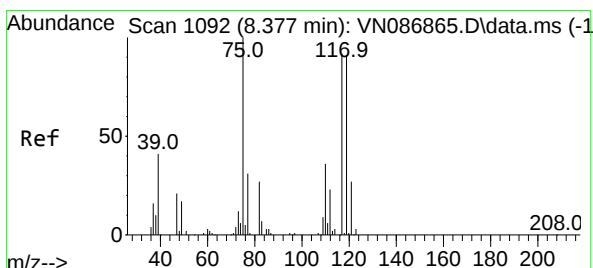
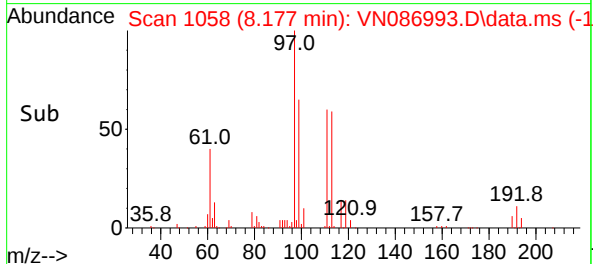
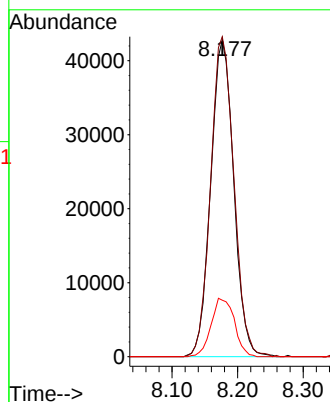
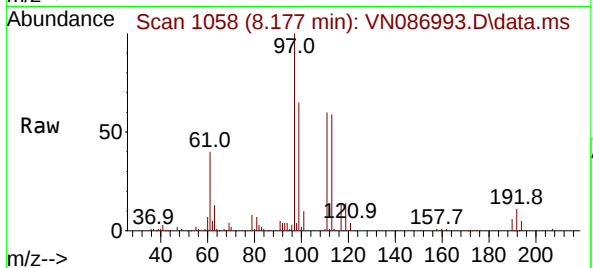
Tgt Ion:113 Resp: 104046

Ion Ratio Lower Upper

113 100

111 102.3 84.2 126.2

192 18.7 14.2 21.4



#36

1,1-Dichloropropene

Concen: 56.733 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

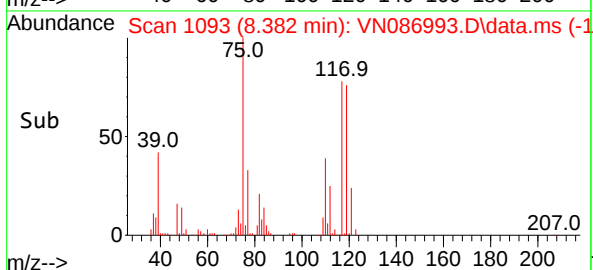
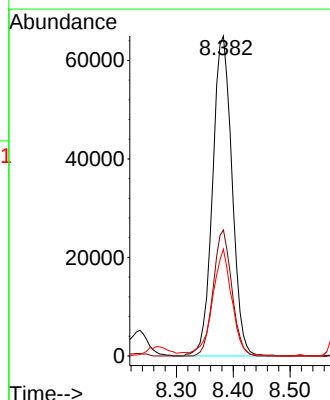
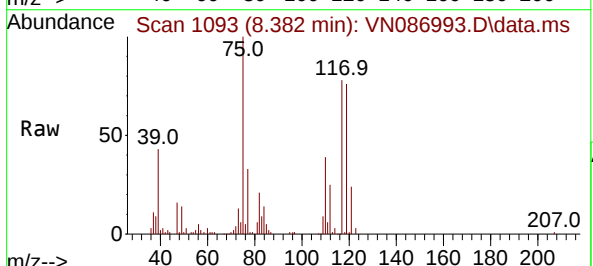
Tgt Ion: 75 Resp: 154011

Ion Ratio Lower Upper

75 100

110 37.6 17.6 52.9

77 33.2 25.3 37.9

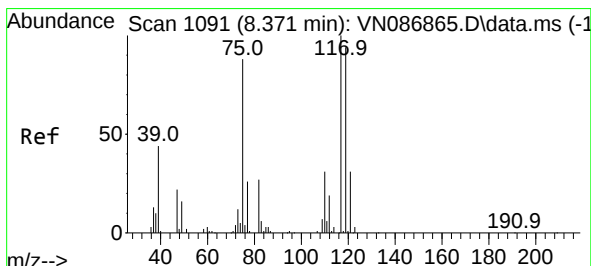
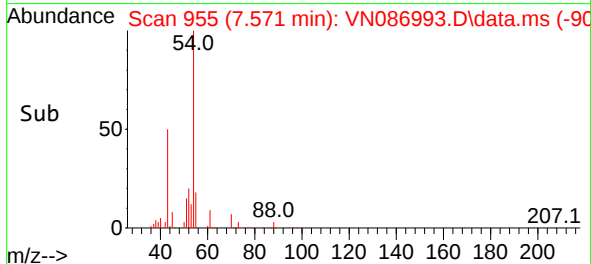
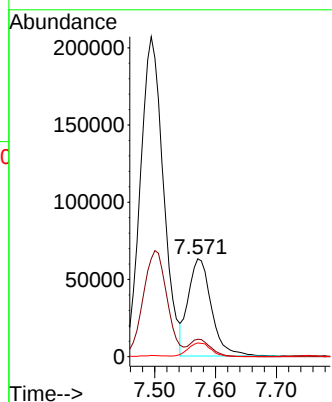
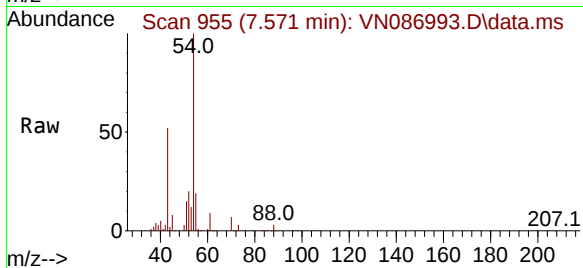




#37
Ethyl Acetate
Concen: 48.307 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

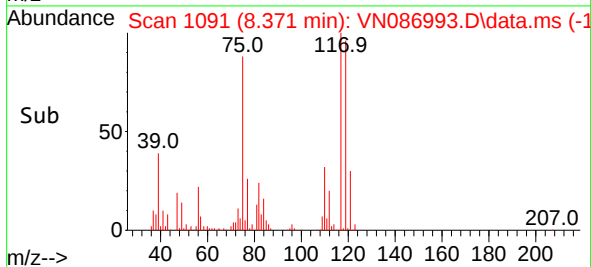
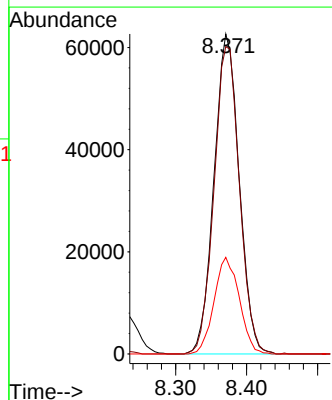
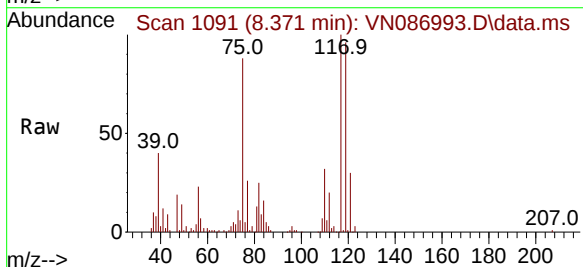
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

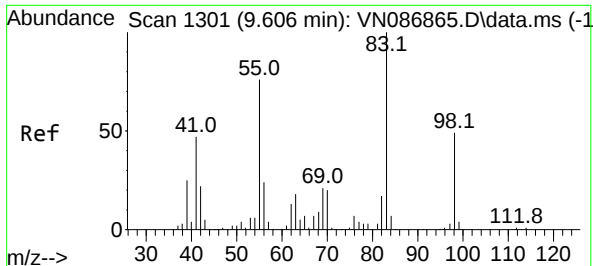
Tgt Ion: 43 Resp: 166937
Ion Ratio Lower Upper
43 100
61 16.9 12.1 18.1
70 14.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 57.667 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 117 Resp: 153692
Ion Ratio Lower Upper
117 100
119 96.1 75.0 112.6
121 30.2 24.9 37.3





#39

Methylcyclohexane

Concen: 114.913 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20250605MSD

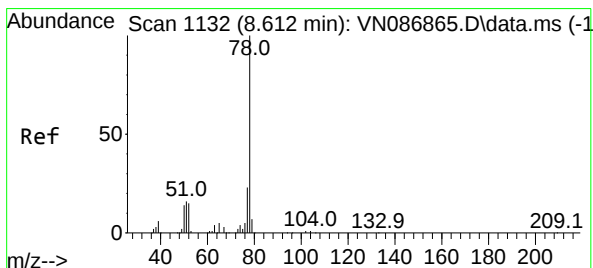
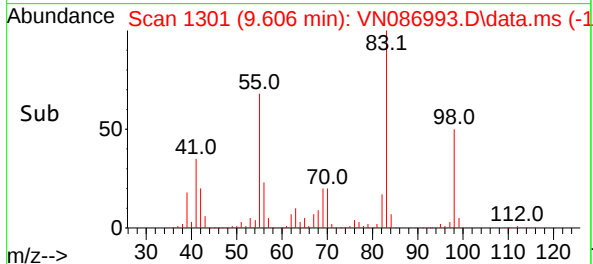
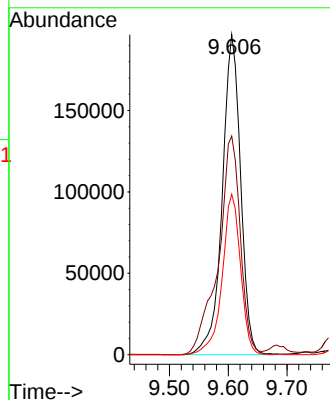
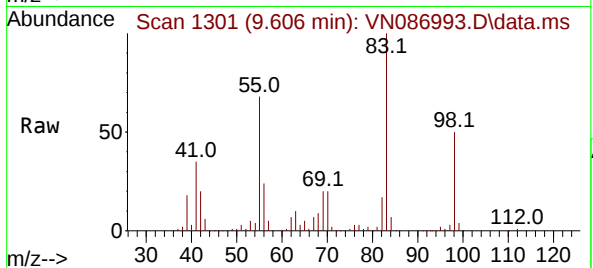
Tgt Ion: 83 Resp: 427384

Ion Ratio Lower Upper

83 100

55 68.4 61.0 91.6

98 50.2 38.9 58.3



#40

Benzene

Concen: 215.227 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086993.D

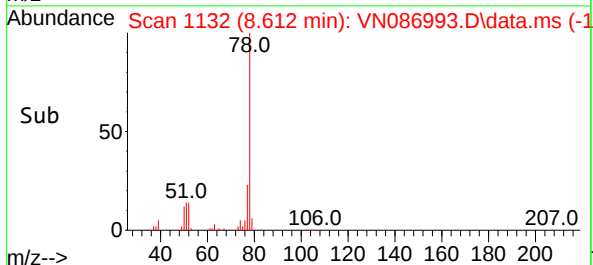
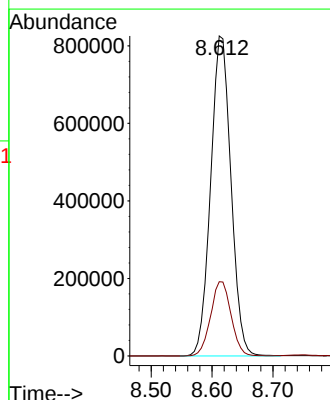
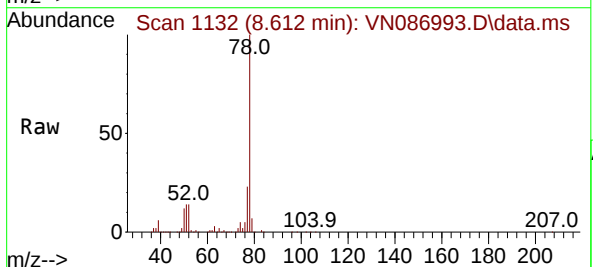
Acq: 12 Jun 2025 21:11

Tgt Ion: 78 Resp: 1910572

Ion Ratio Lower Upper

78 100

77 23.2 18.7 28.1



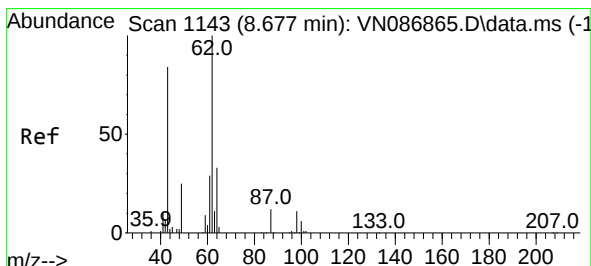
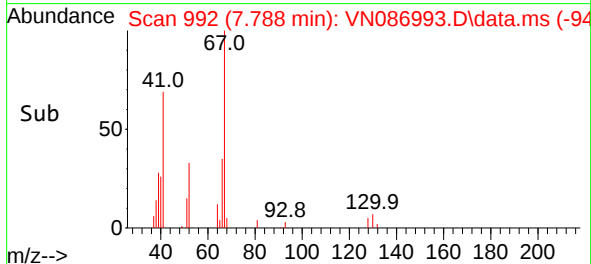
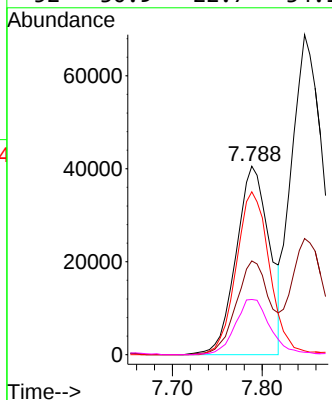
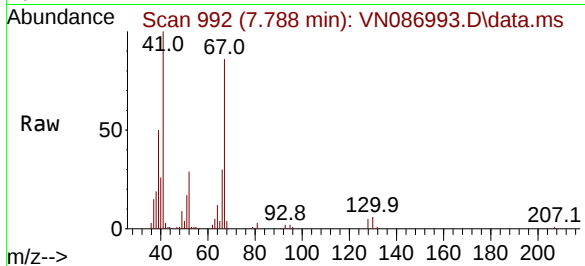


#41
Methacrylonitrile
Concen: 54.051 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

Tgt Ion: 41 Resp: 104901

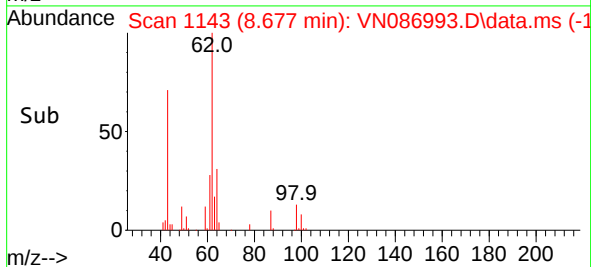
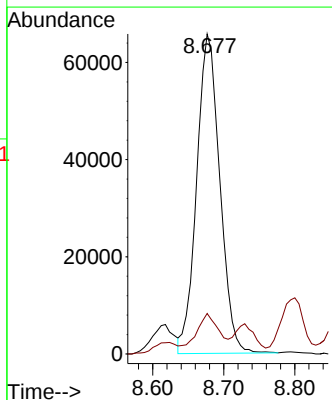
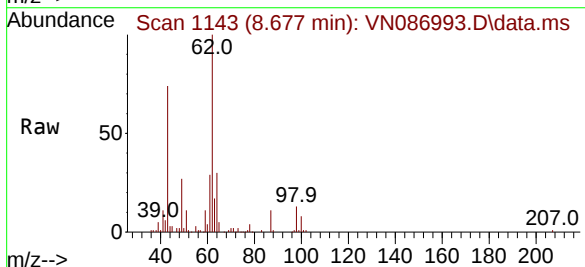
Ion	Ratio	Lower	Upper
41	100		
39	49.8	41.2	61.8
67	87.4	61.4	92.2
52	30.9	22.7	34.1

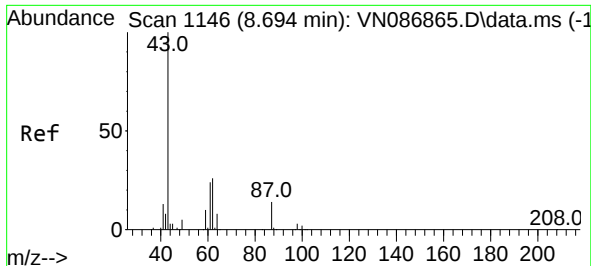


#42
1,2-Dichloroethane
Concen: 55.341 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 62 Resp: 149006

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	21.2

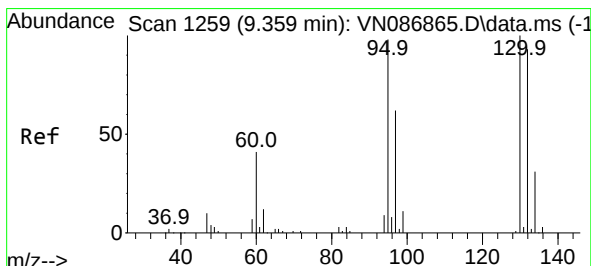
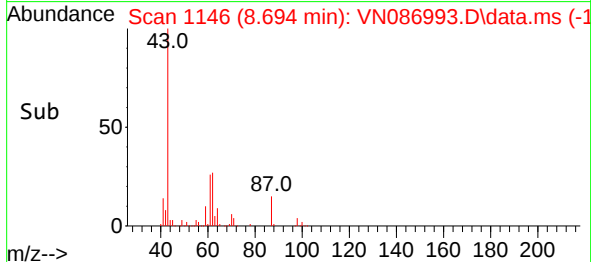
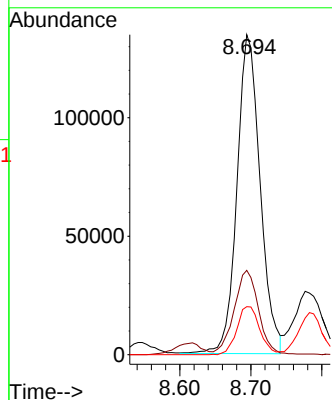
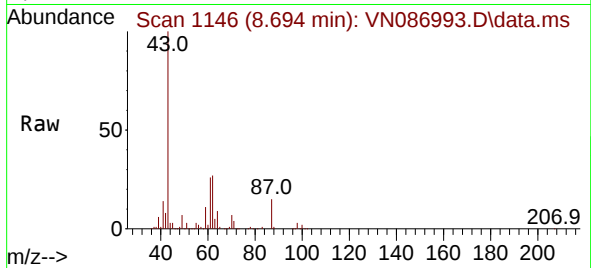




#43
Isopropyl Acetate
Concen: 55.188 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

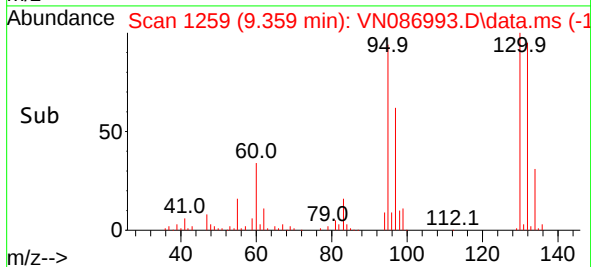
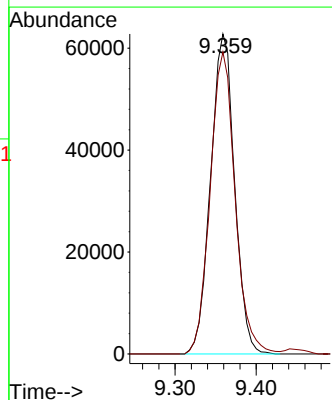
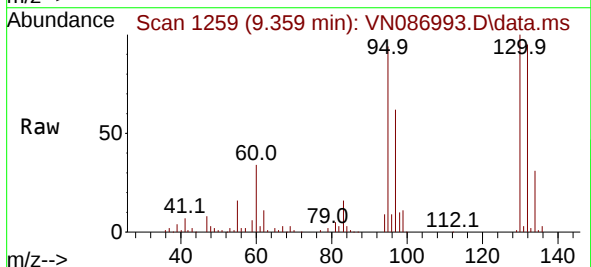
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

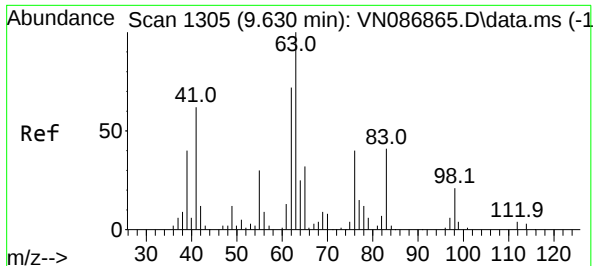
Tgt Ion: 43 Resp: 306102
Ion Ratio Lower Upper
43 100
61 27.9 22.1 33.1
87 14.8 11.8 17.6



#44
Trichloroethene
Concen: 61.178 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion:130 Resp: 128773
Ion Ratio Lower Upper
130 100
95 94.4 0.0 196.2





#45

1,2-Dichloropropane

Concen: 57.807 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

Instrument :

MSVOA_N

ClientSampleId :

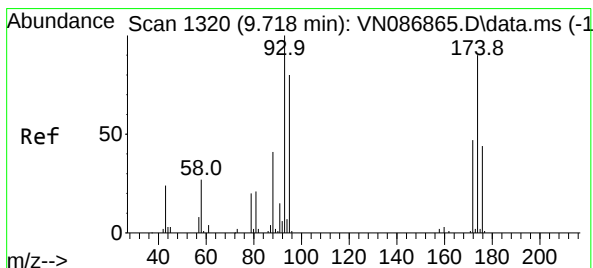
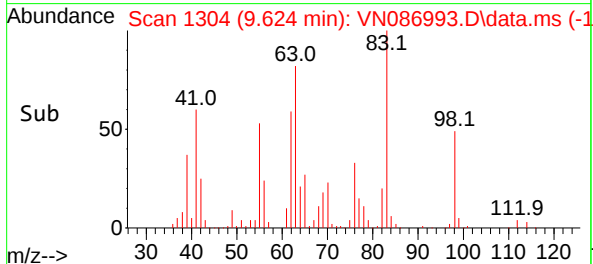
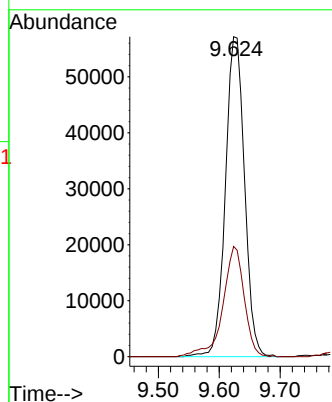
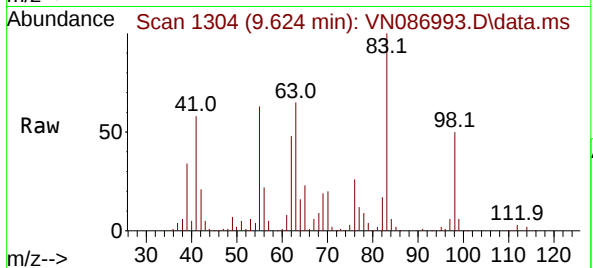
MW-2-20250605MSD

Tgt Ion: 63 Resp: 124843

Ion Ratio Lower Upper

63 100

65 34.5 25.5 38.3



#46

Dibromomethane

Concen: 61.528 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

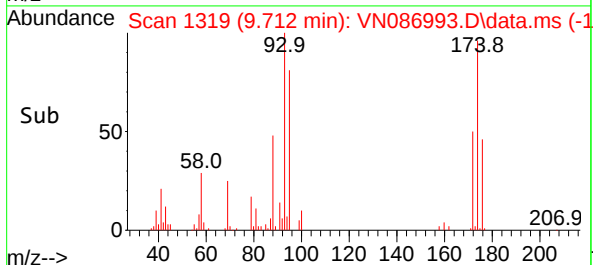
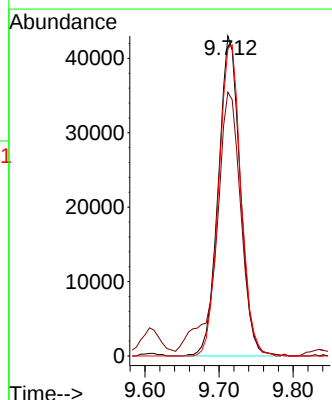
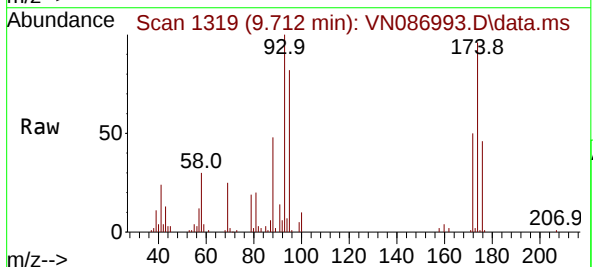
Tgt Ion: 93 Resp: 88261

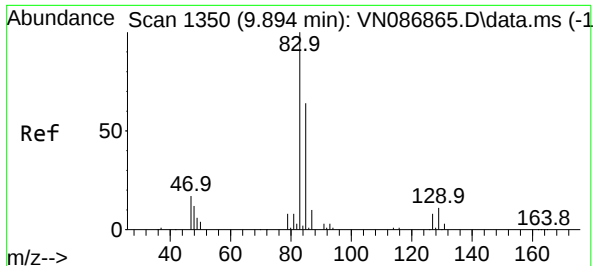
Ion Ratio Lower Upper

93 100

95 93.5 67.1 100.7

174 98.5 74.2 111.4

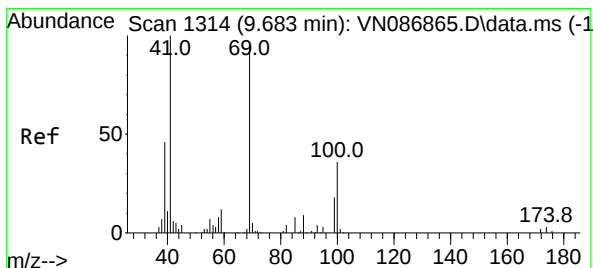
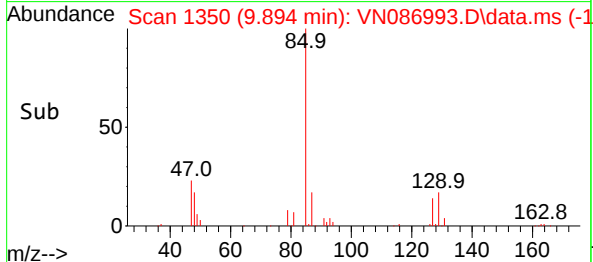
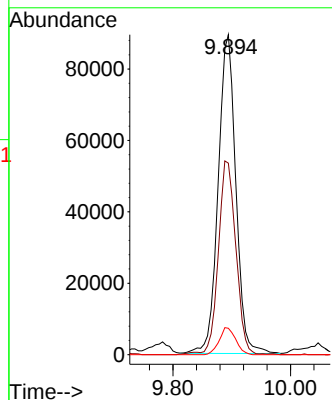
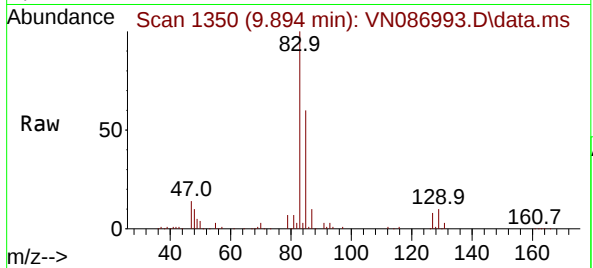




#47
Bromodichloromethane
Concen: 63.221 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

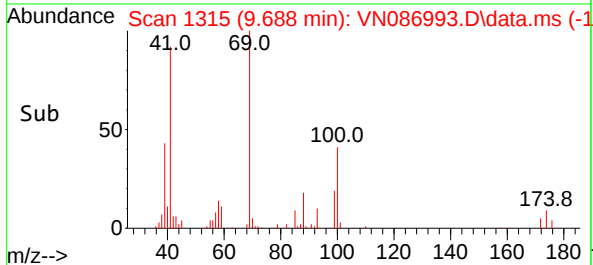
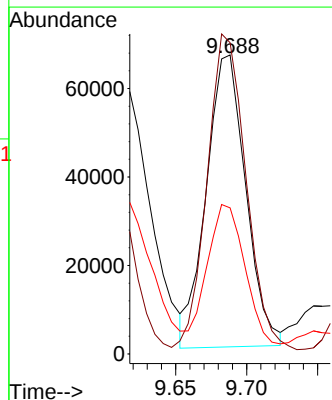
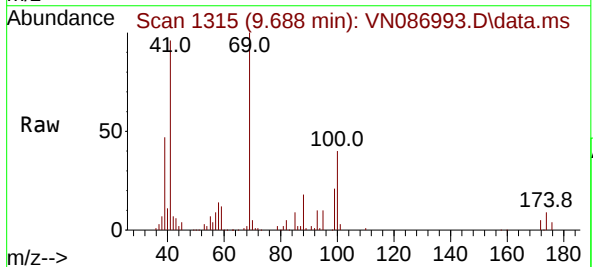
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

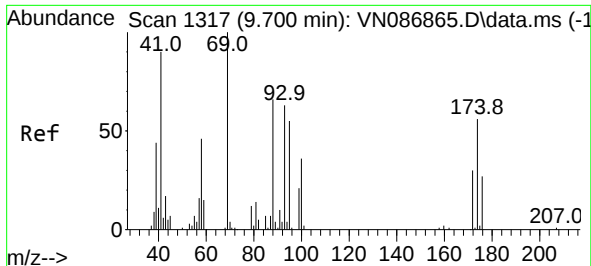
Tgt Ion: 83 Resp: 186591
Ion Ratio Lower Upper
83 100
85 60.1 50.9 76.3
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 50.019 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 41 Resp: 127691
Ion Ratio Lower Upper
41 100
69 108.2 74.6 112.0
39 52.0 40.2 60.4





#49

1,4-Dioxane

Concen: 1249.766 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20250605MSD

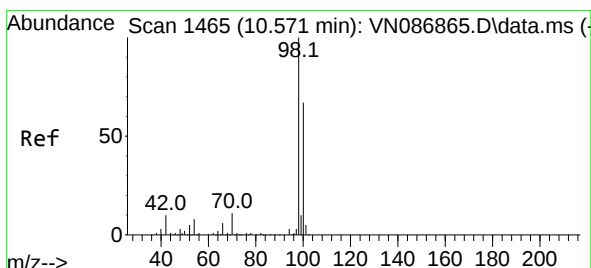
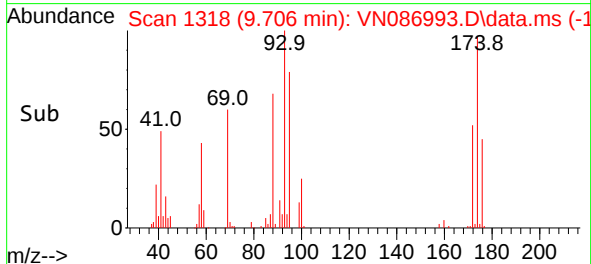
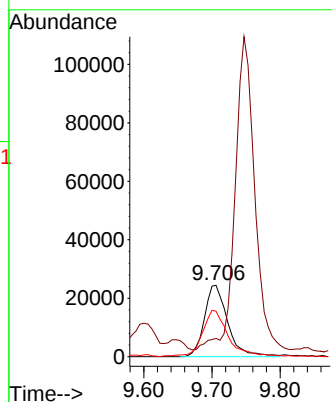
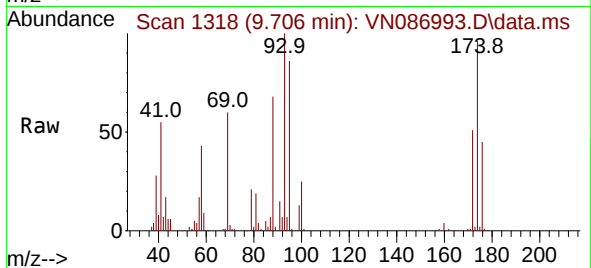
Tgt Ion: 88 Resp: 58042

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.5 57.7 86.5



#50

Toluene-d8

Concen: 54.353 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086993.D

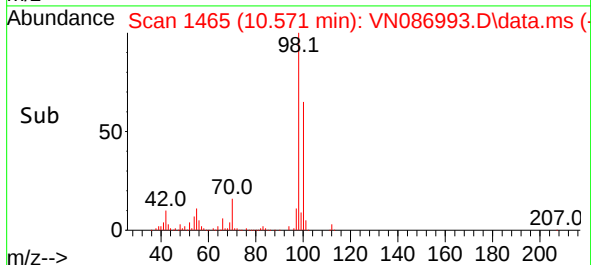
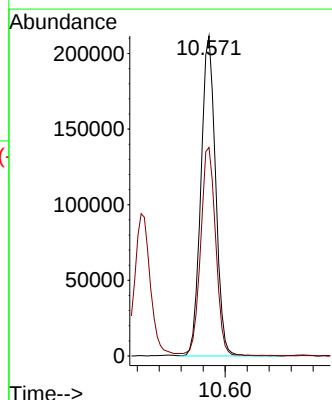
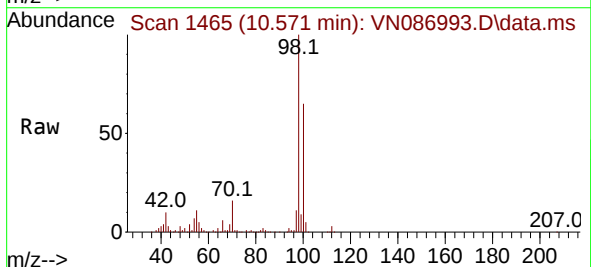
Acq: 12 Jun 2025 21:11

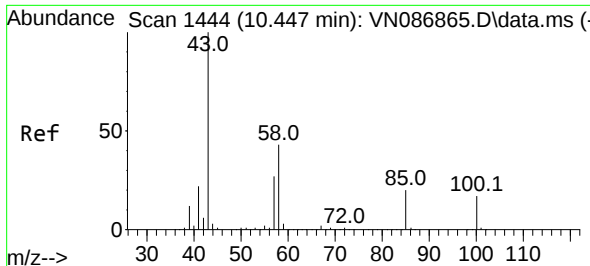
Tgt Ion: 98 Resp: 391996

Ion Ratio Lower Upper

98 100

100 66.5 53.4 80.0

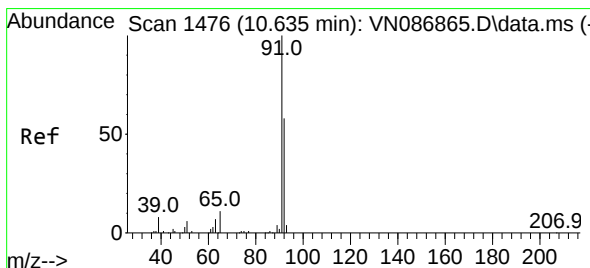
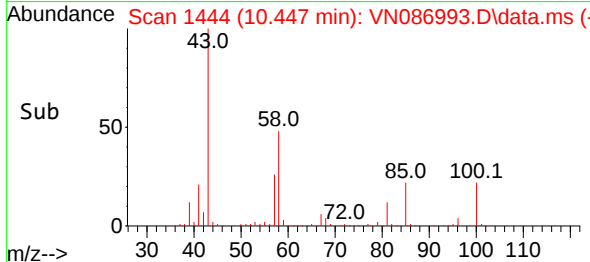
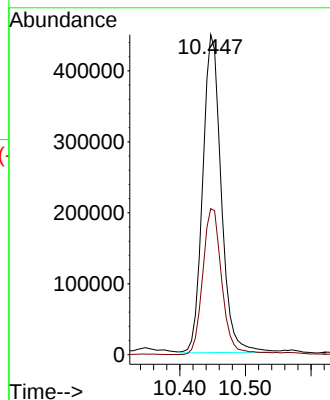
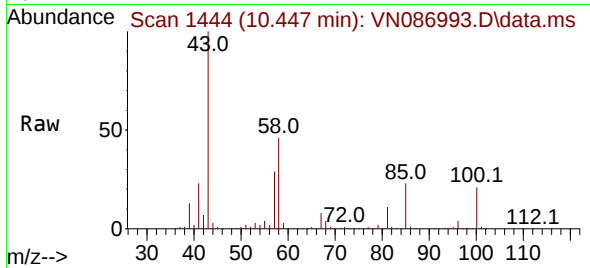




#51
4-Methyl-2-Pentanone
Concen: 263.149 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

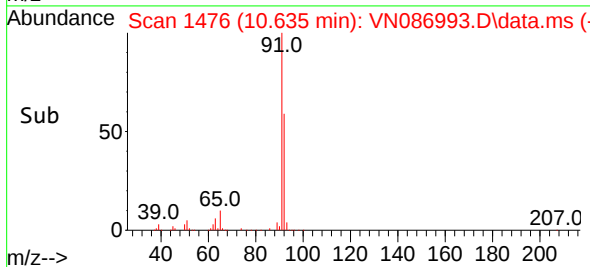
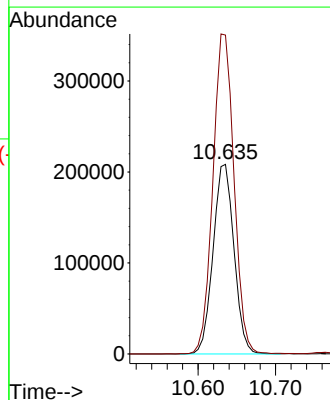
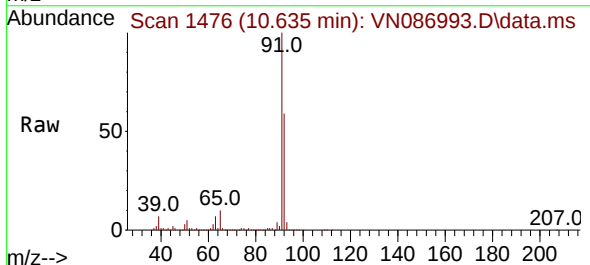
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

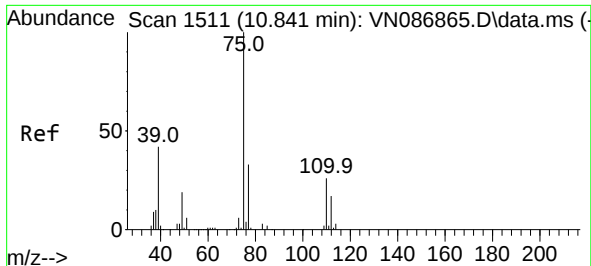
Tgt Ion: 43 Resp: 878670
Ion Ratio Lower Upper
43 100
58 47.9 34.2 51.4



#52
Toluene
Concen: 71.990 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 92 Resp: 390543
Ion Ratio Lower Upper
92 100
91 170.8 136.5 204.7

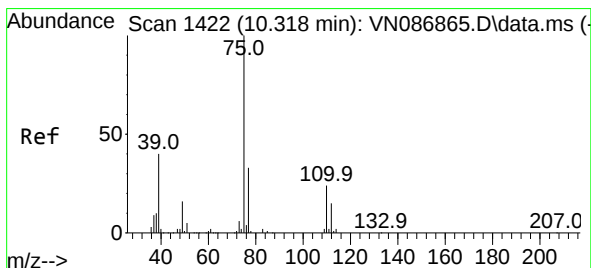
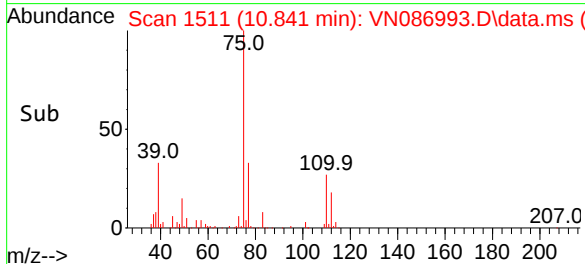
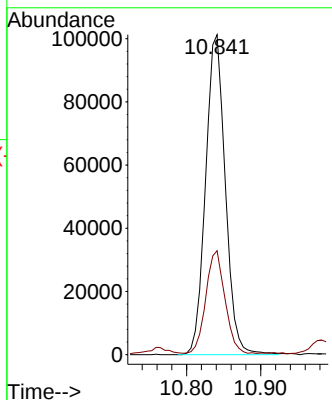
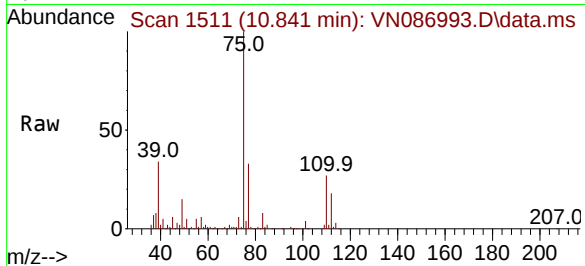




#53
 t-1,3-Dichloropropene
 Concen: 56.736 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN086993.D
 Acq: 12 Jun 2025 21:11

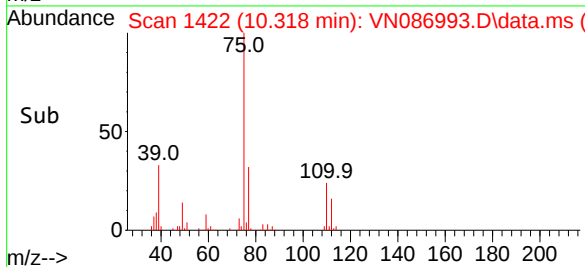
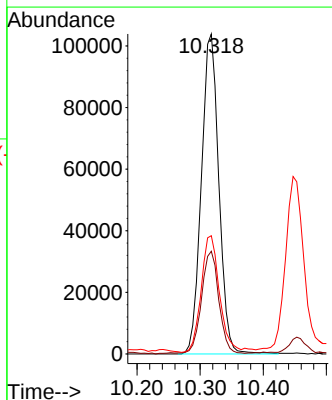
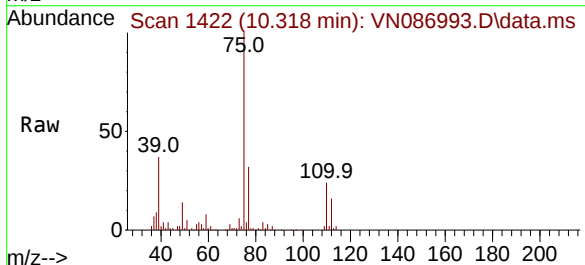
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605MSD

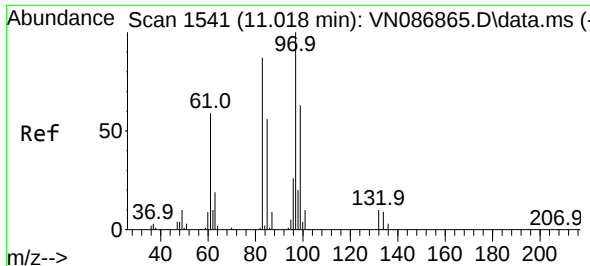
Tgt Ion: 75 Resp: 187244
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 56.562 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN086993.D
 Acq: 12 Jun 2025 21:11

Tgt Ion: 75 Resp: 199732
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.2 39.4
 39 36.3 32.3 48.5

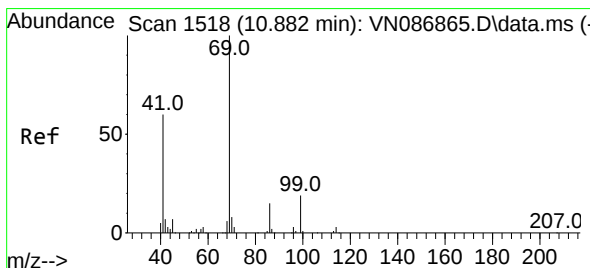
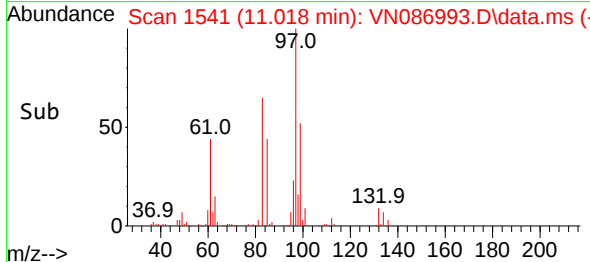
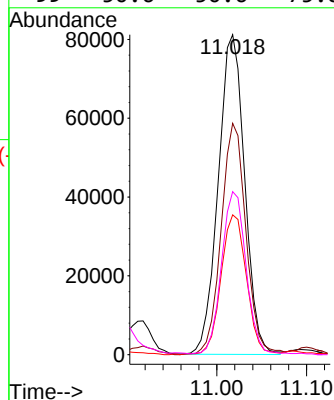
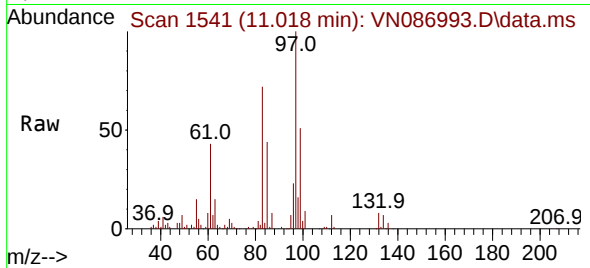




#55
1,1,2-Trichloroethane
Concen: 79.377 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

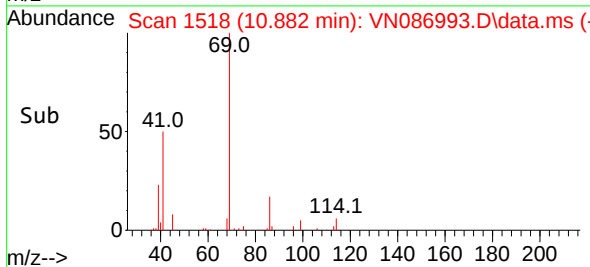
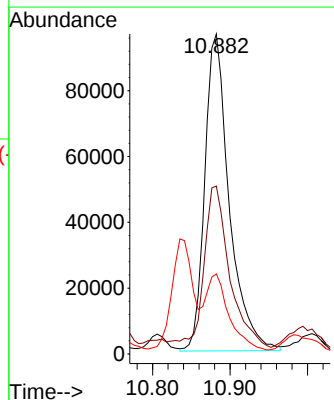
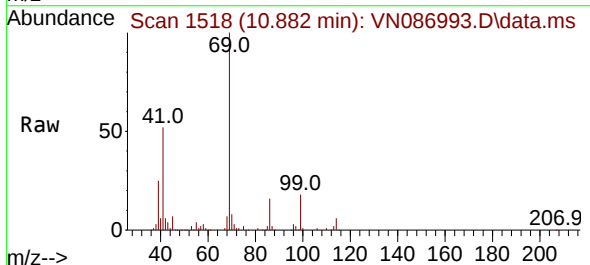
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

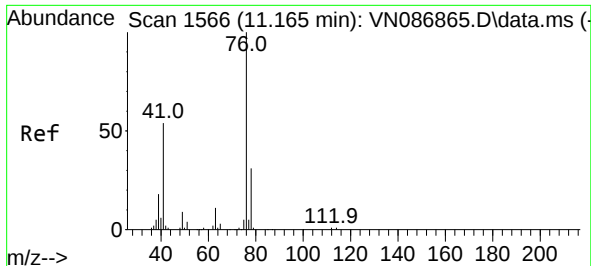
Tgt Ion:	97	Resp:	165693
Ion	Ratio	Lower	Upper
97	100		
83	72.5	69.7	104.5
85	43.8	45.1	67.7#
99	50.6	50.6	75.8



#56
Ethyl methacrylate
Concen: 63.630 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion:	69	Resp:	211558
Ion	Ratio	Lower	Upper
69	100		
41	52.4	47.2	70.8
39	24.1	23.0	34.6





#57

1,3-Dichloropropane

Concen: 58.456 ug/l

RT: 11.165 min Scan# 1116

Delta R.T. -0.000 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

Instrument :

MSVOA_N

ClientSampleId :

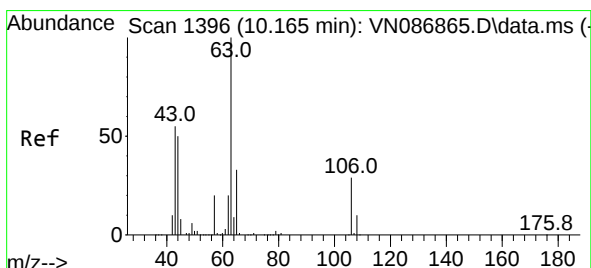
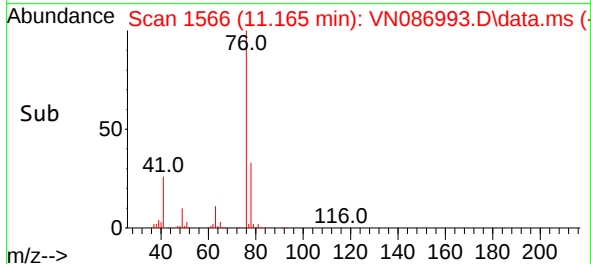
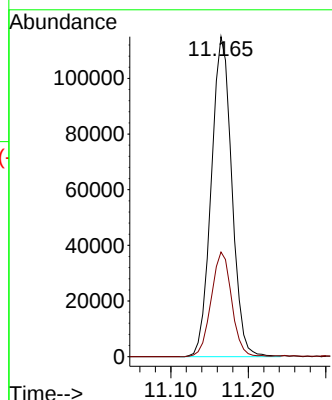
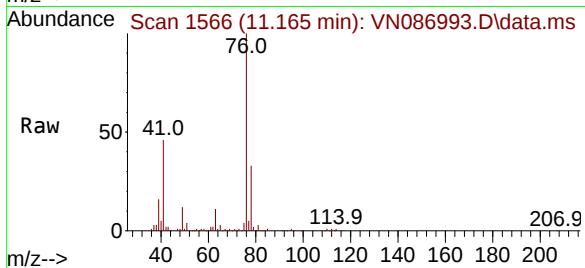
MW-2-20250605MSD

Tgt Ion: 76 Resp: 211675

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 0.398 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN086993.D

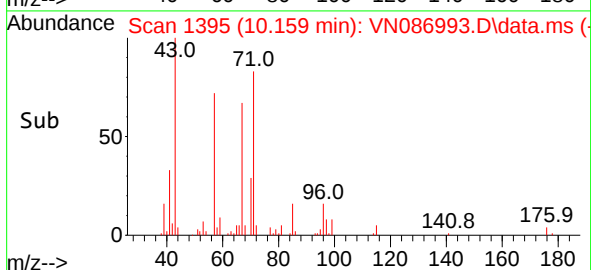
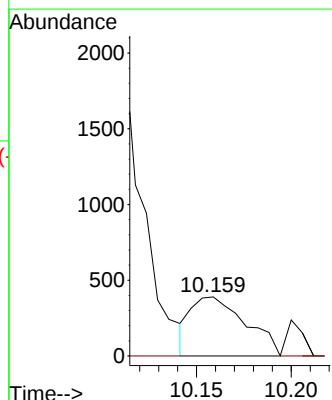
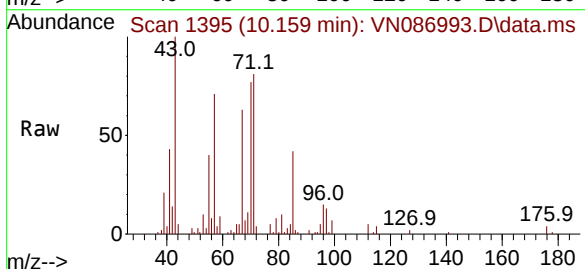
Acq: 12 Jun 2025 21:11

Tgt Ion: 63 Resp: 789

Ion Ratio Lower Upper

63 100

106 0.0 23.0 34.6#

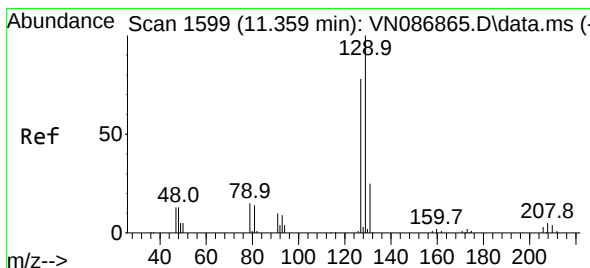
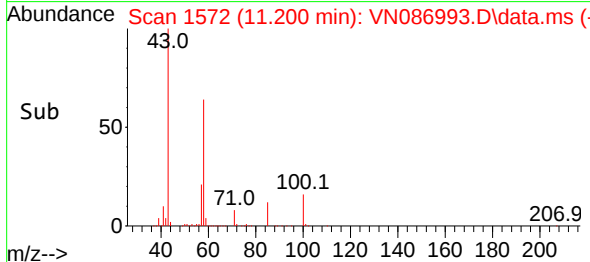
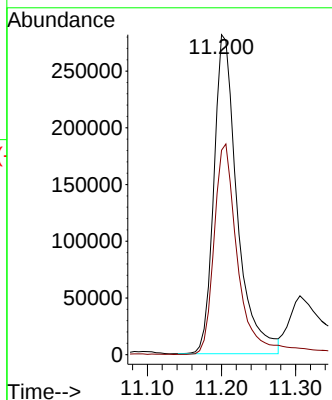
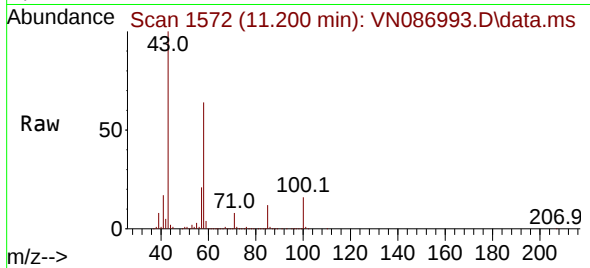




#59
2-Hexanone
Concen: 286.097 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

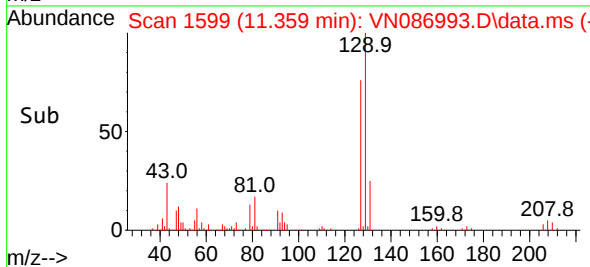
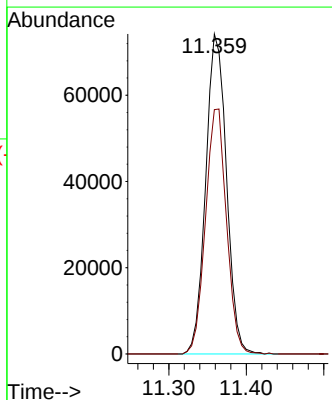
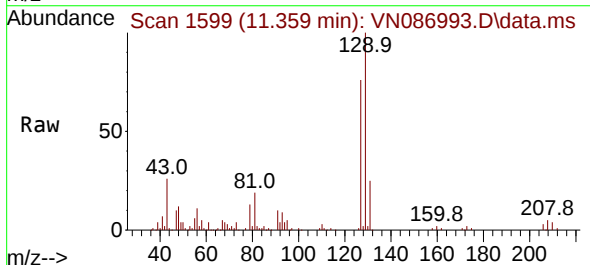
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

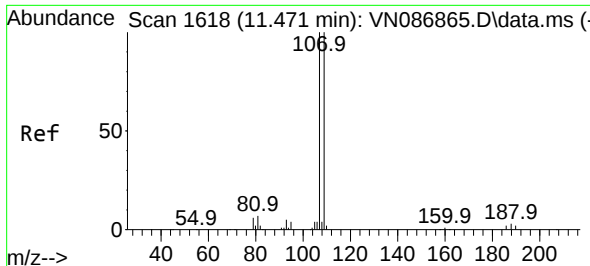
Tgt Ion: 43 Resp: 615338
Ion Ratio Lower Upper
43 100
58 68.6 30.4 91.3



#60
Dibromochloromethane
Concen: 63.576 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 129 Resp: 138270
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8

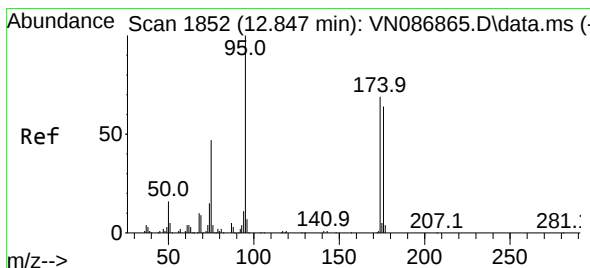
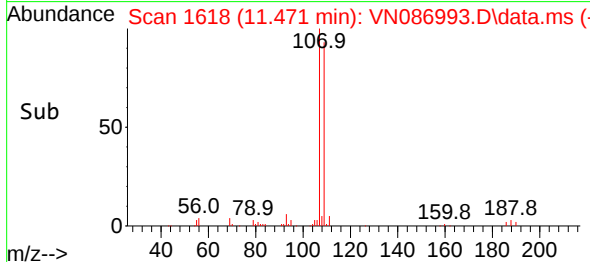
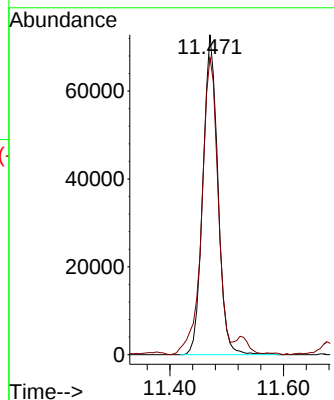
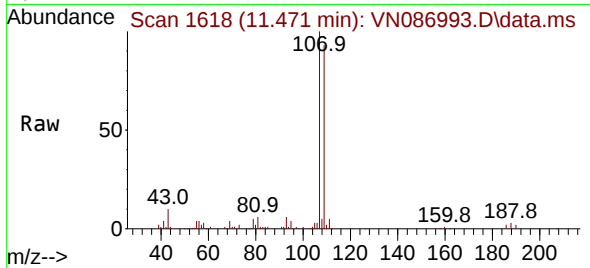




#61
1,2-Dibromoethane
Concen: 62.049 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

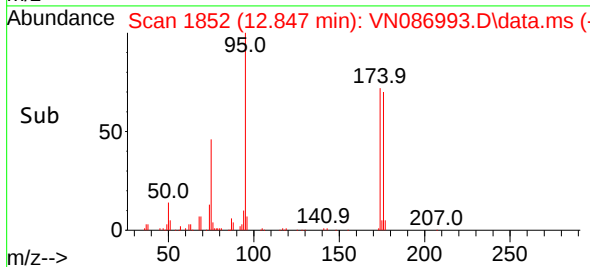
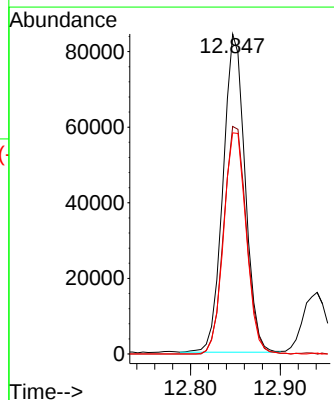
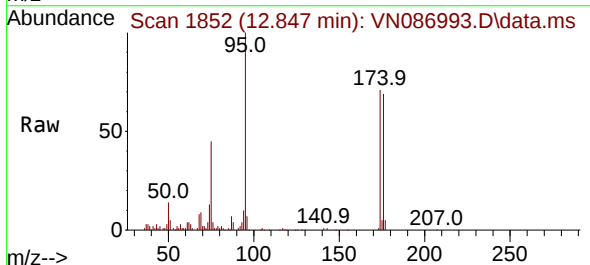
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

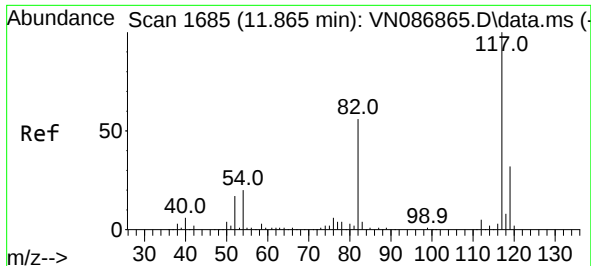
Tgt Ion:107 Resp: 132760
Ion Ratio Lower Upper
107 100
109 101.3 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 53.424 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 95 Resp: 143148
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.8
176 71.8 0.0 132.6

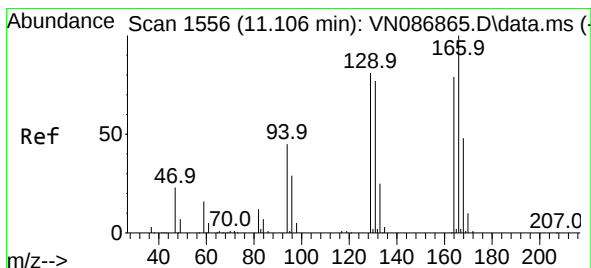
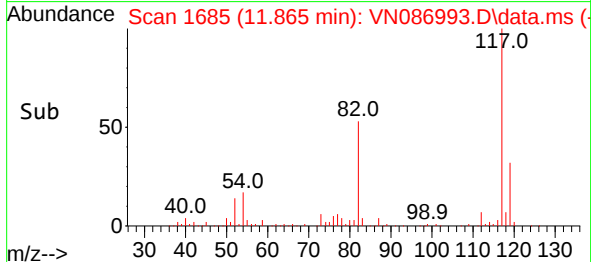
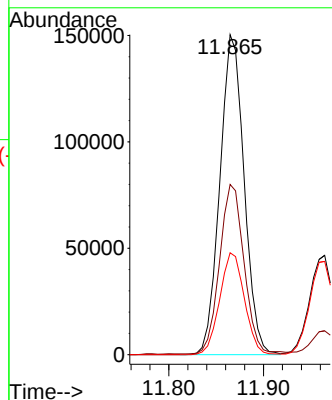
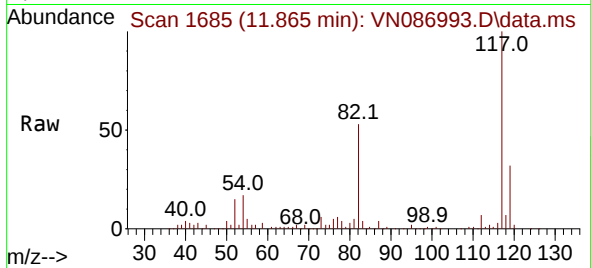




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

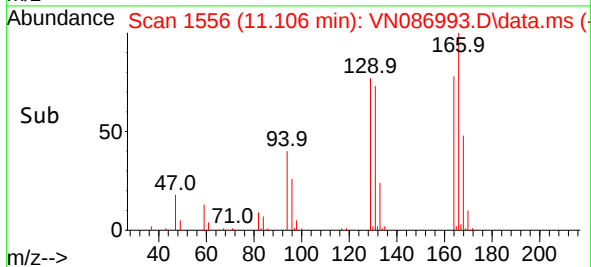
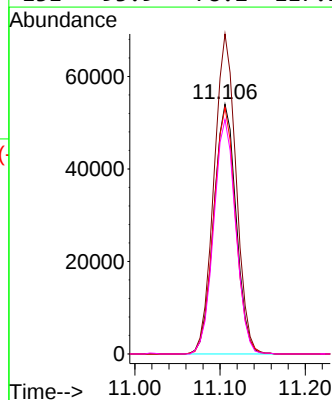
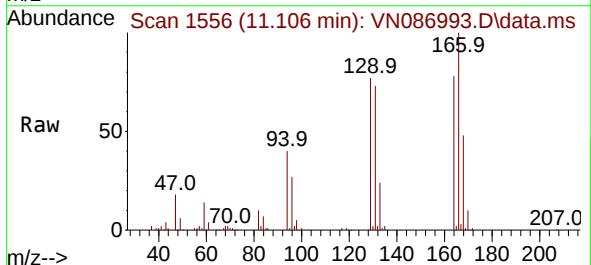
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

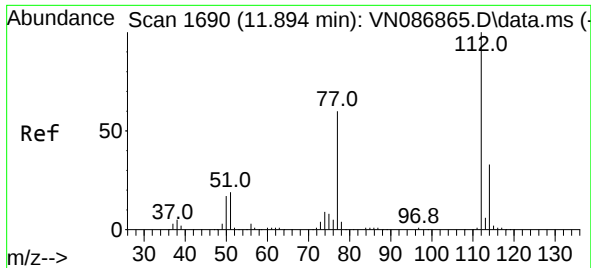
Tgt Ion:117 Resp: 267750
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 58.017 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion:164 Resp: 98309
Ion Ratio Lower Upper
164 100
166 128.2 101.8 152.8
129 98.7 83.0 124.4
131 93.9 78.2 117.2

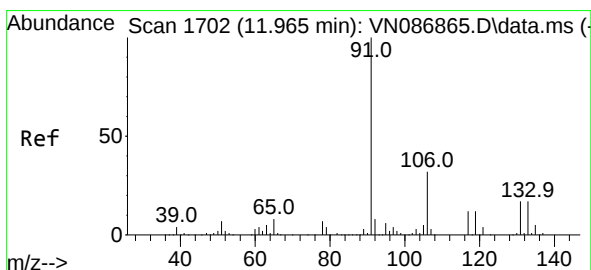
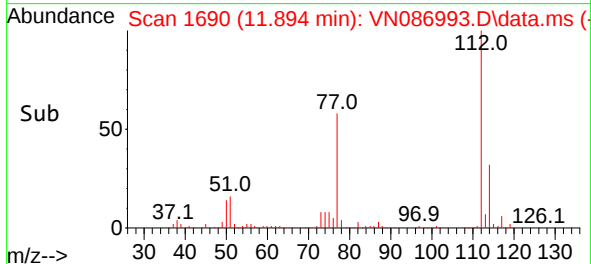
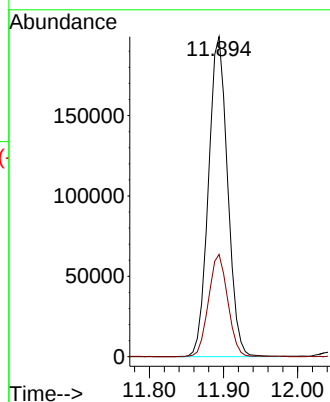
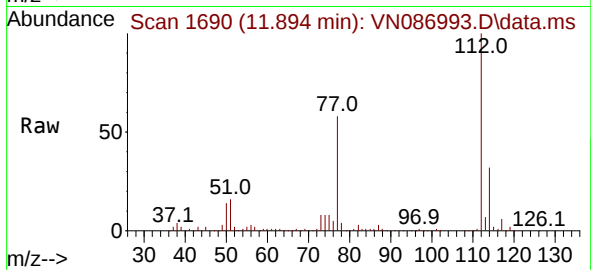




#65
Chlorobenzene
Concen: 60.539 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

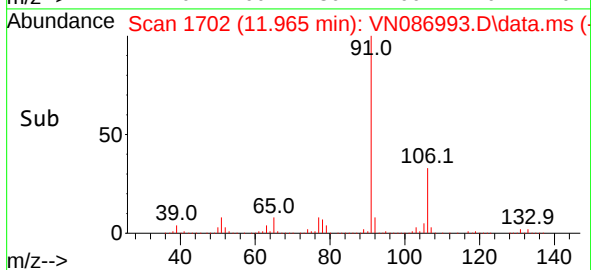
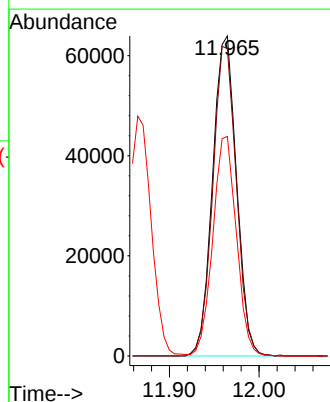
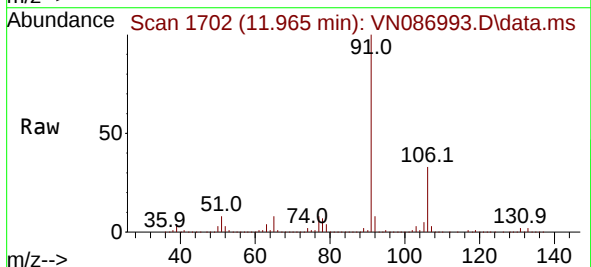
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

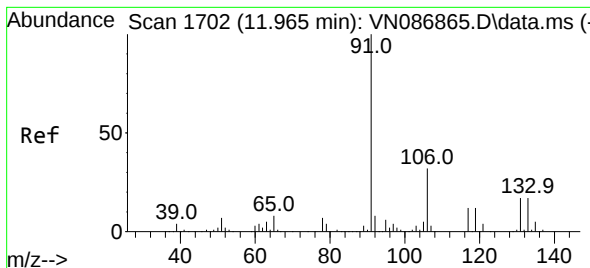
Tgt Ion:112 Resp: 357502
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 62.240 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion:131 Resp: 118148
Ion Ratio Lower Upper
131 100
133 96.1 48.3 144.8
119 67.8 34.0 101.8

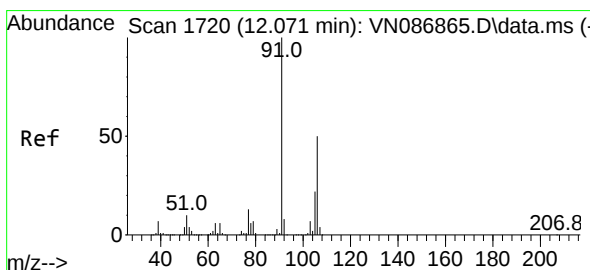
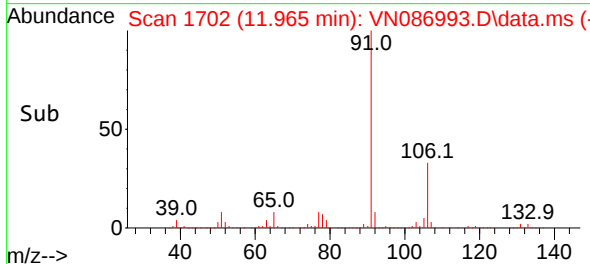
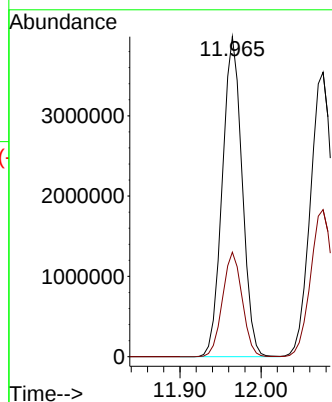
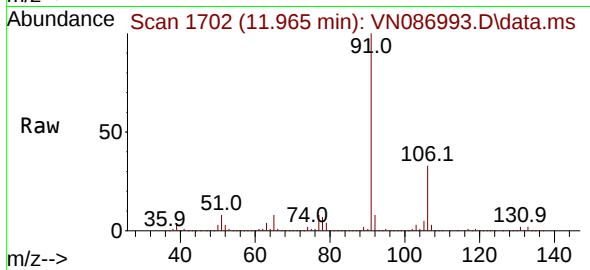




#67
Ethyl Benzene
Concen: 663.940 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

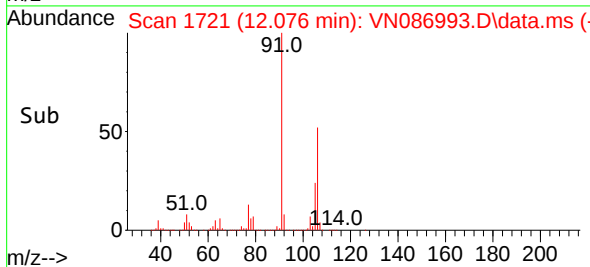
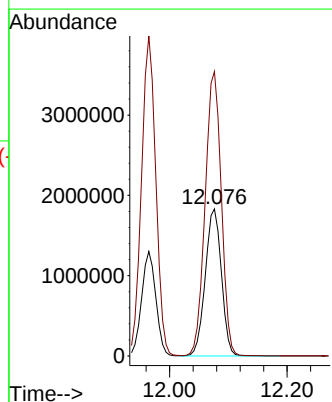
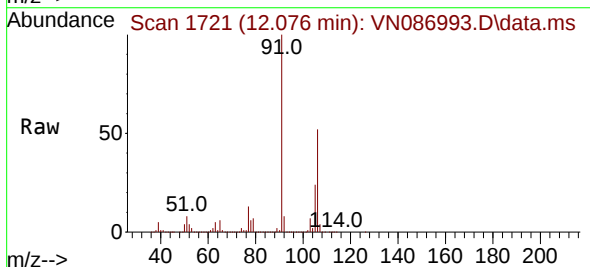
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

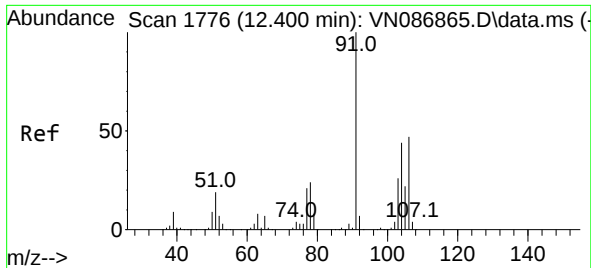
Tgt Ion: 91 Resp: 6753470
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.2



#68
m/p-Xylenes
Concen: 891.646 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion:106 Resp: 3471863
Ion Ratio Lower Upper
106 100
91 194.3 159.4 239.0

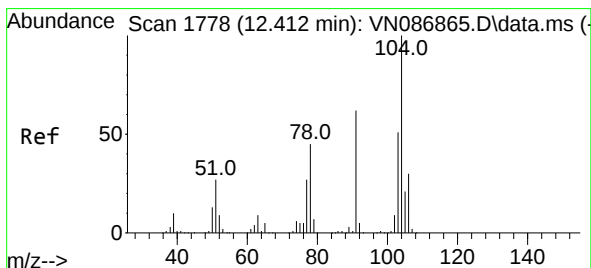
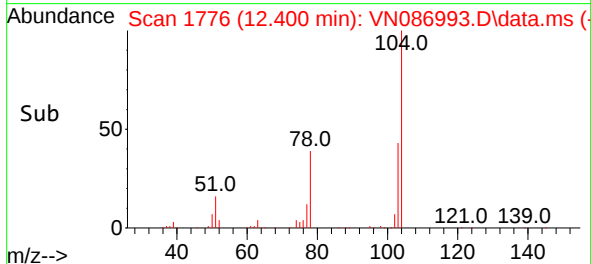
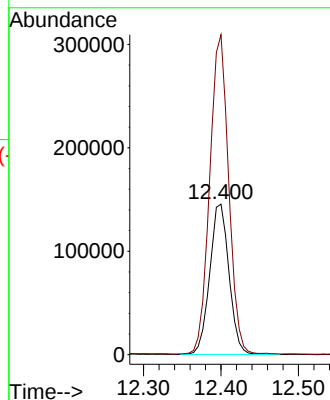
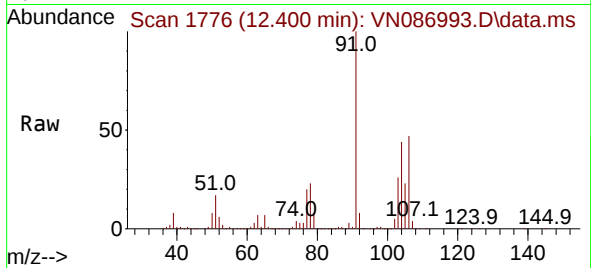




#69
o-Xylene
Concen: 67.293 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

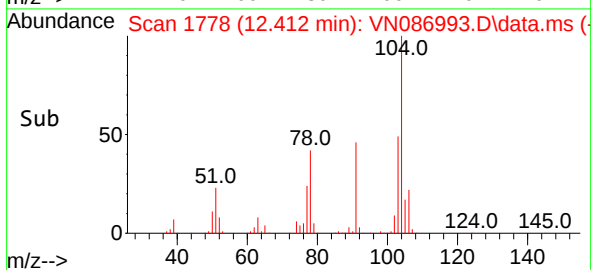
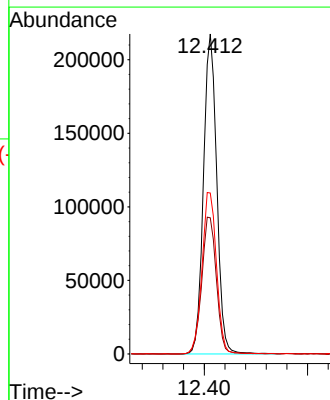
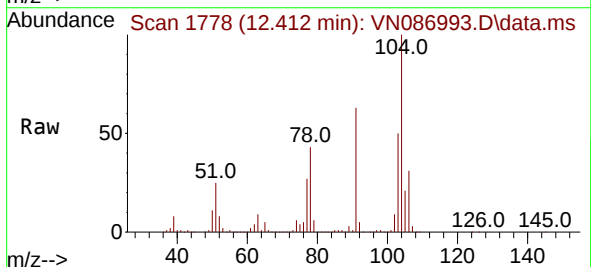
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

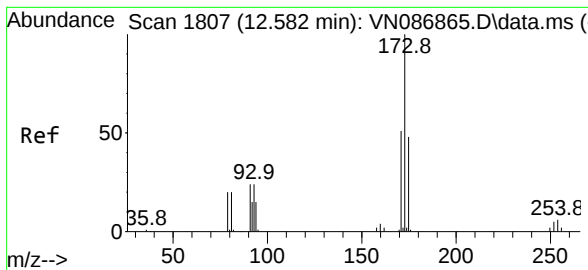
Tgt Ion:106 Resp: 250950
Ion Ratio Lower Upper
106 100
91 209.5 106.1 318.1



#70
Styrene
Concen: 60.879 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion:104 Resp: 388491
Ion Ratio Lower Upper
104 100
78 46.9 38.5 57.7
103 55.1 43.1 64.7





#71

Bromoform

Concen: 67.490 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20250605MSD

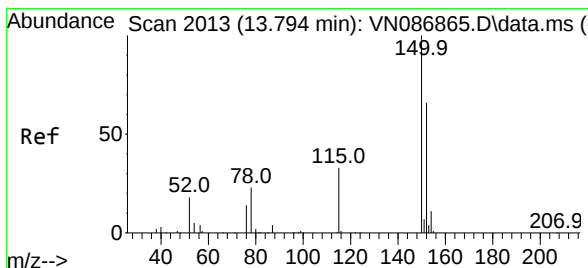
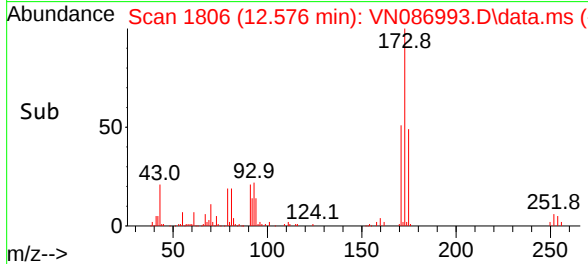
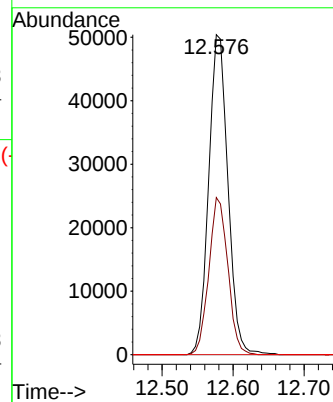
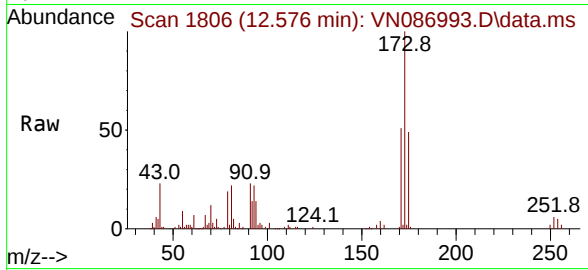
Tgt Ion:173 Resp: 94925

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

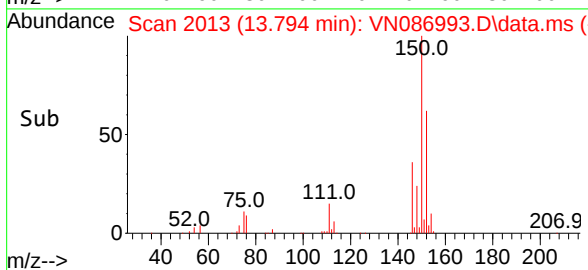
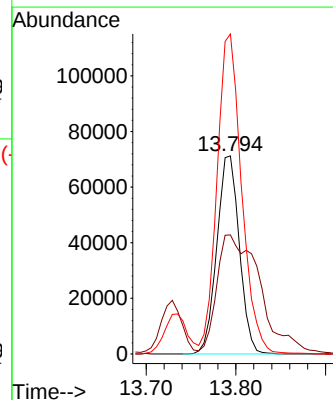
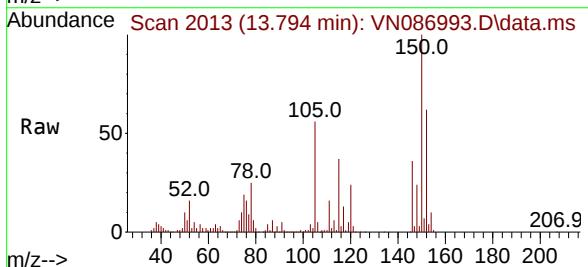
Tgt Ion:152 Resp: 123846

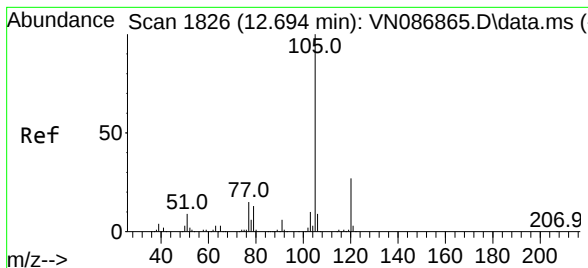
Ion Ratio Lower Upper

152 100

115 114.0 30.1 90.5#

150 176.8 0.0 345.0





#73

Isopropylbenzene

Concen: 129.318 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

Instrument :

MSVOA_N

ClientSampleId :

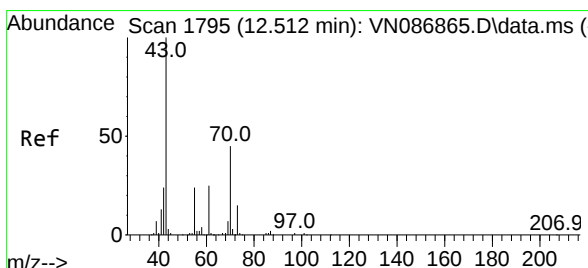
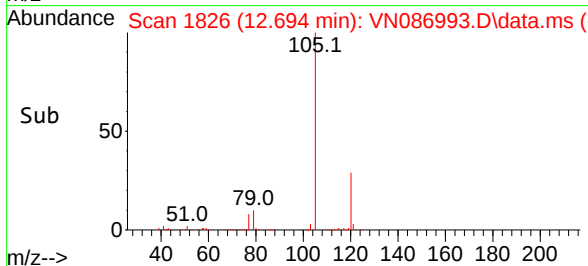
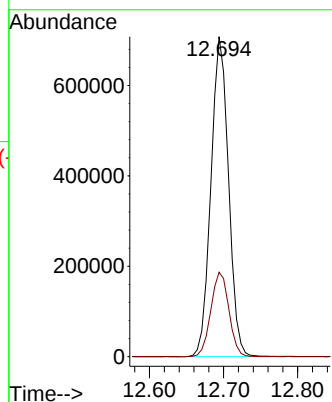
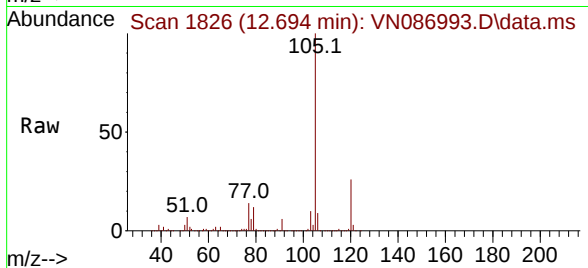
MW-2-20250605MSD

Tgt Ion:105 Resp: 1166750

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 53.835 ug/l

RT: 12.512 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

Tgt Ion: 43 Resp: 169730

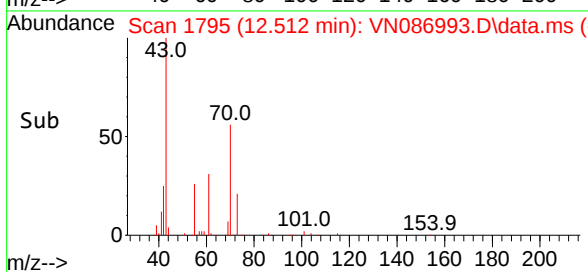
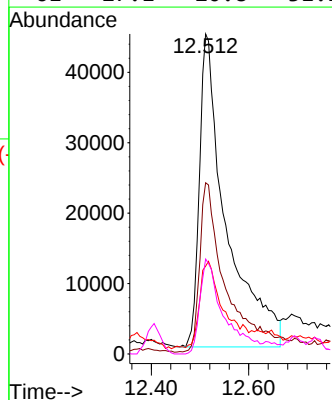
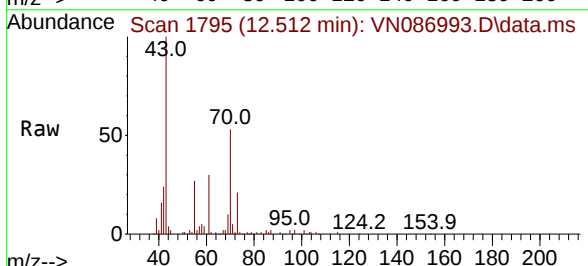
Ion Ratio Lower Upper

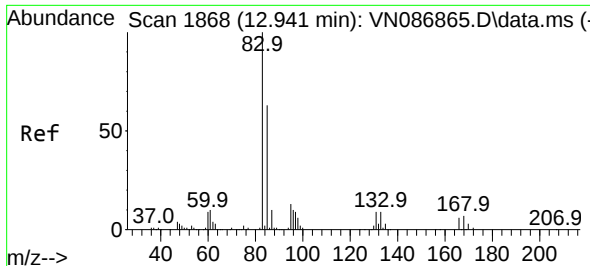
43 100

70 54.2 37.6 56.4

55 25.6 19.0 28.6

61 27.1 20.8 31.2

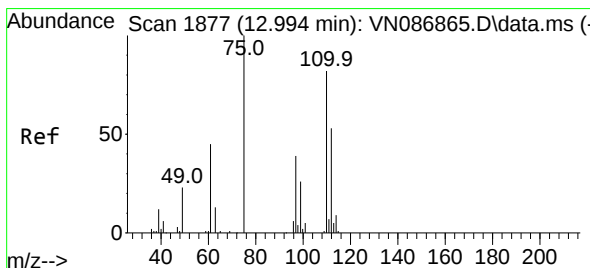
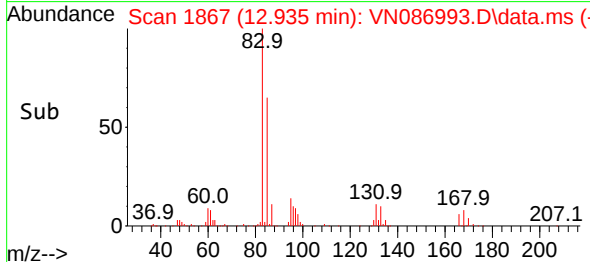
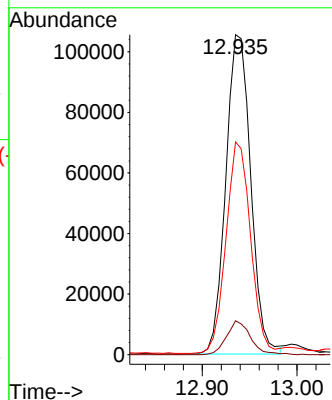
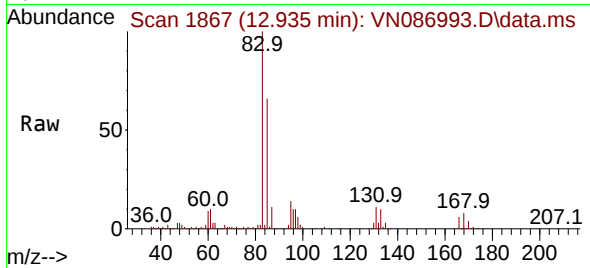




#75
1,1,2-Tetrachloroethane
Concen: 63.181 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

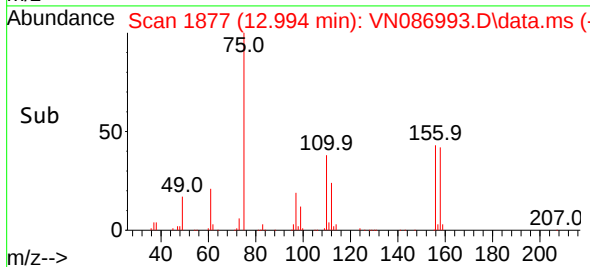
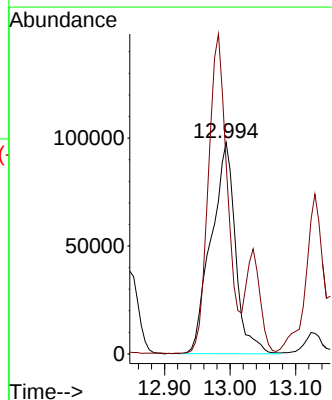
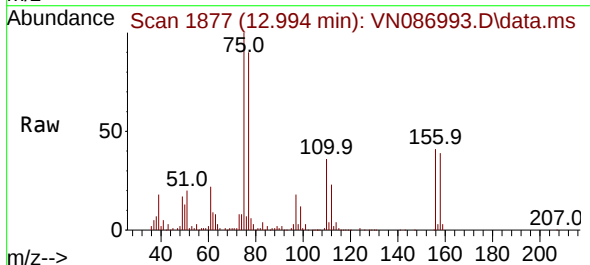
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

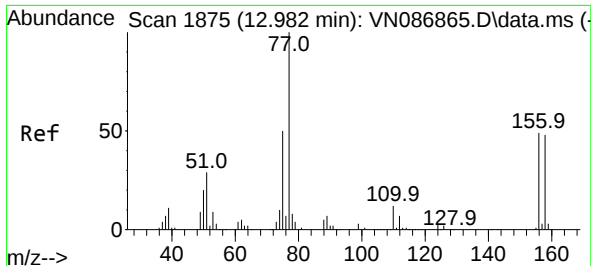
Tgt Ion: 83 Resp: 193115
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 65.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 85.471 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 75 Resp: 251616
Ion Ratio Lower Upper
75 100
77 119.3 79.3 237.9

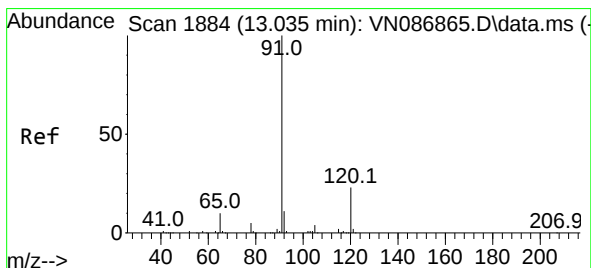
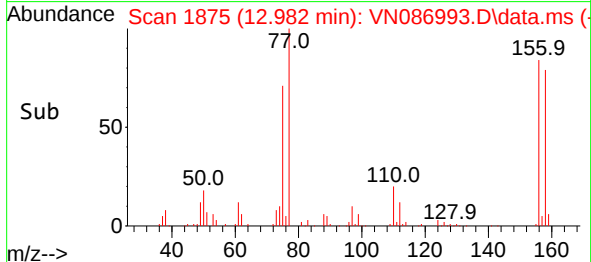
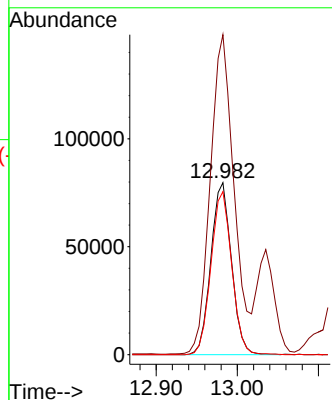
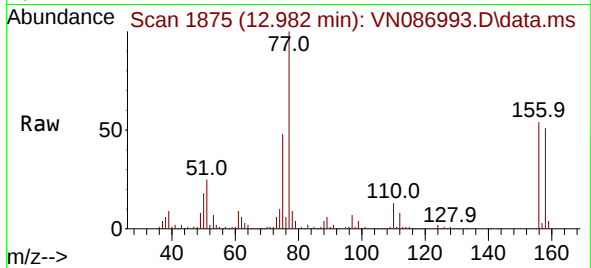




#77
Bromobenzene
Concen: 67.776 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

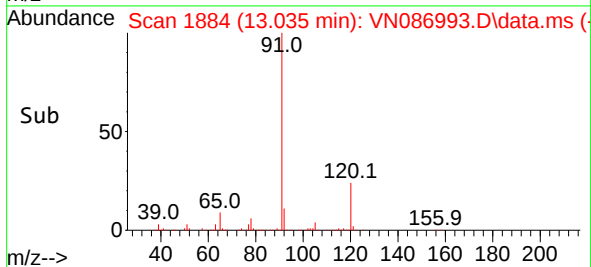
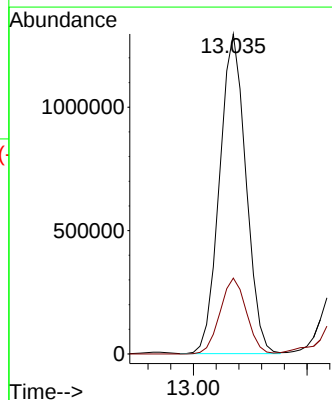
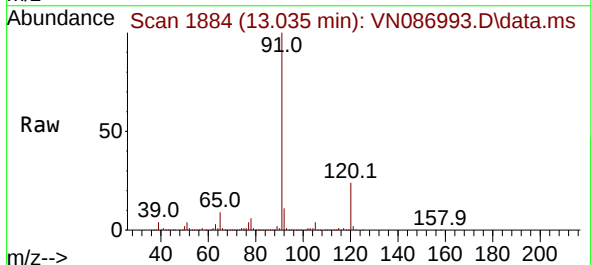
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

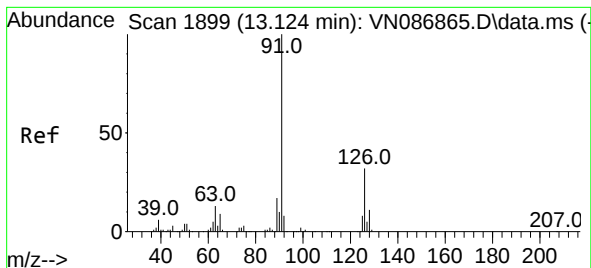
Tgt Ion:156 Resp: 140236
Ion Ratio Lower Upper
156 100
77 214.0 117.7 353.1
158 95.6 48.1 144.4



#78
n-propylbenzene
Concen: 190.273 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 91 Resp: 2086241
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.2





#79

2-Chlorotoluene

Concen: 79.106 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN086993.D

Acq: 12 Jun 2025 21:11

Instrument :

MSVOA_N

ClientSampleId :

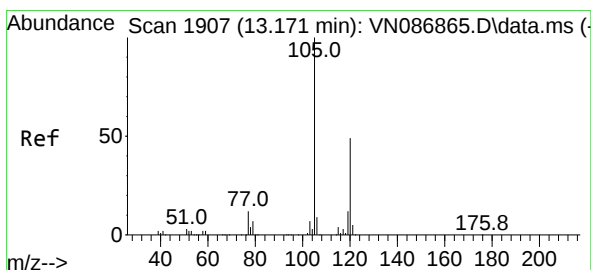
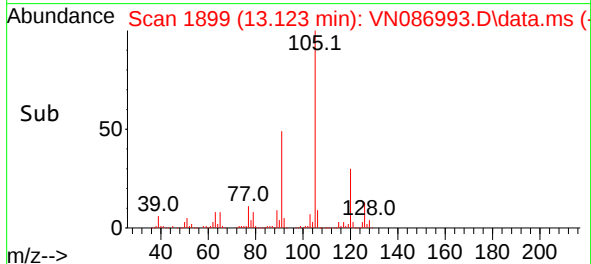
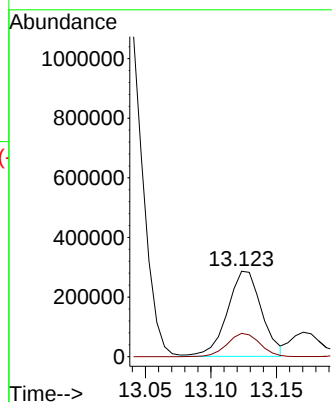
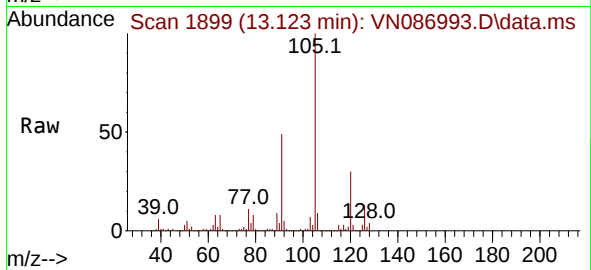
MW-2-20250605MSD

Tgt Ion: 91 Resp: 520161

Ion Ratio Lower Upper

91 100

126 26.3 16.2 48.5



#80

1,3,5-Trimethylbenzene

Concen: 175.709 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086993.D

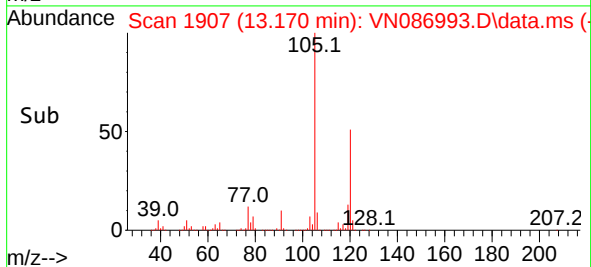
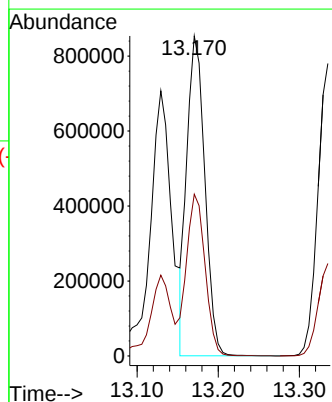
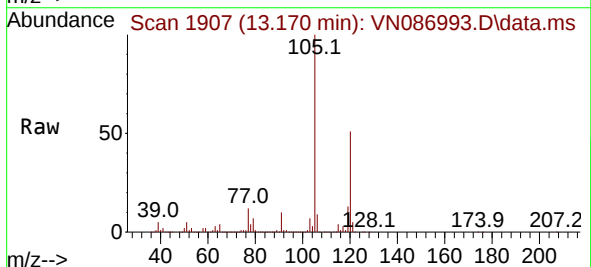
Acq: 12 Jun 2025 21:11

Tgt Ion:105 Resp: 1308849

Ion Ratio Lower Upper

105 100

120 53.7 24.9 74.6

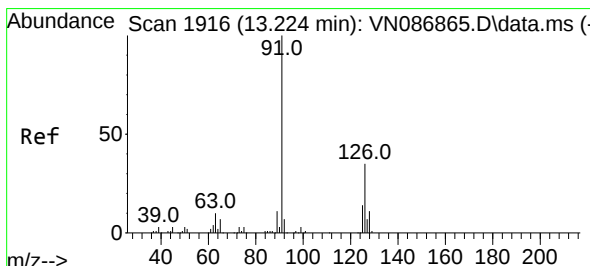
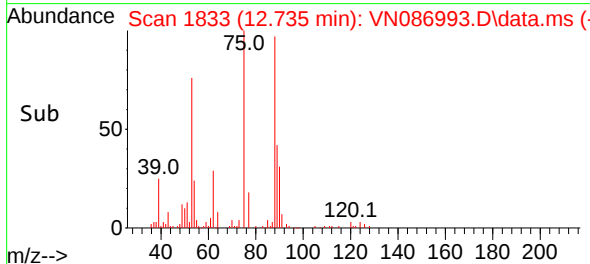
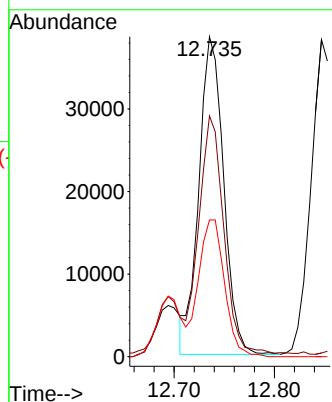
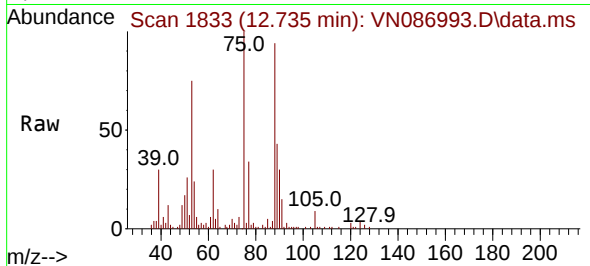




#81
trans-1,4-Dichloro-2-butene
Concen: 51.799 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

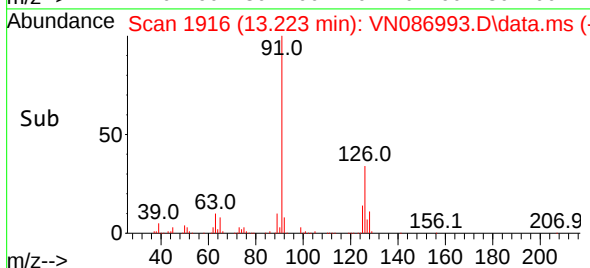
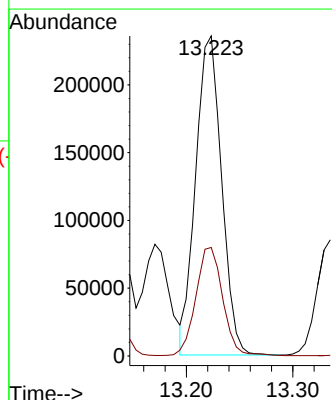
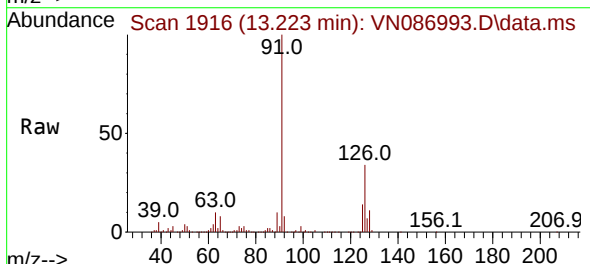
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

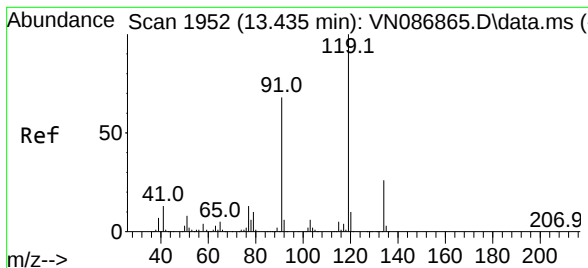
Tgt Ion: 75 Resp: 66243
Ion Ratio Lower Upper
75 100
53 74.2 66.6 99.8
89 45.1 36.7 55.1



#82
4-Chlorotoluene
Concen: 59.817 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 91 Resp: 397978
Ion Ratio Lower Upper
91 100
126 35.5 16.7 50.1

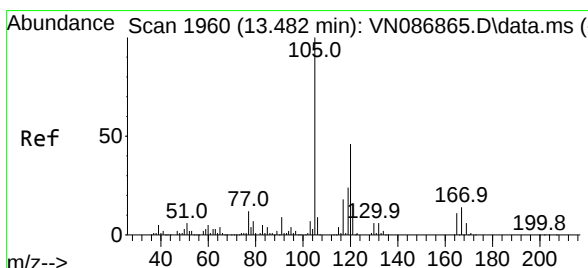
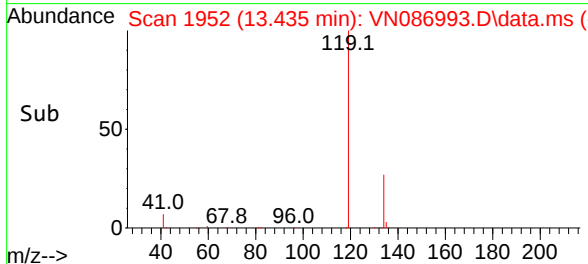
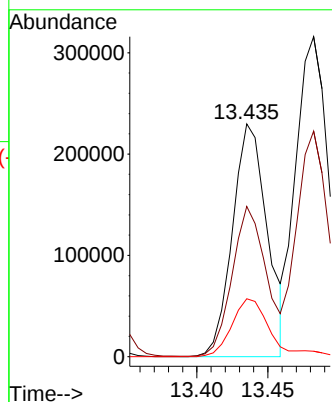
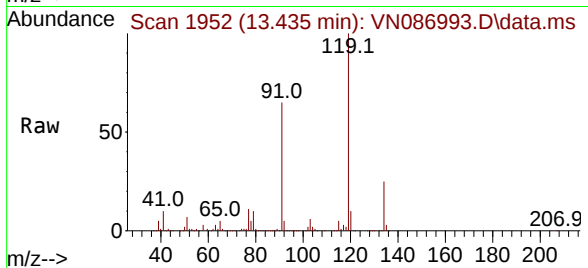




#83
tert-Butylbenzene
Concen: 57.448 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

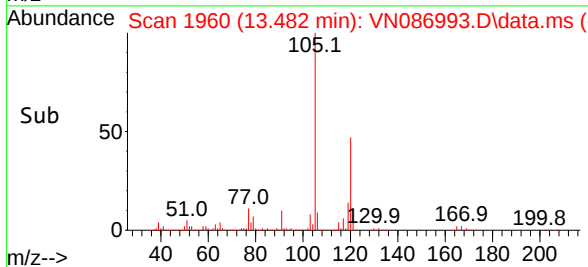
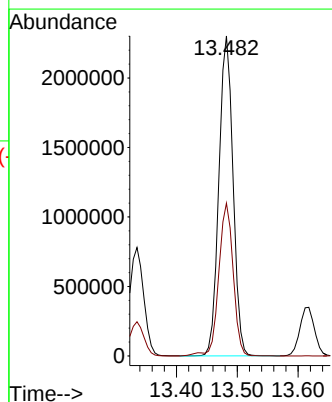
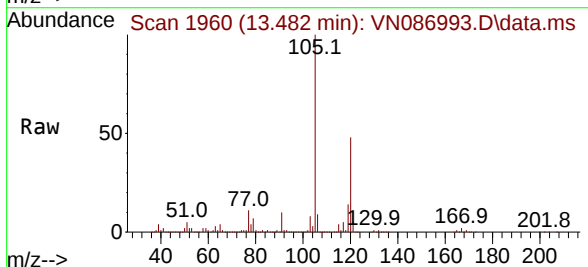
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

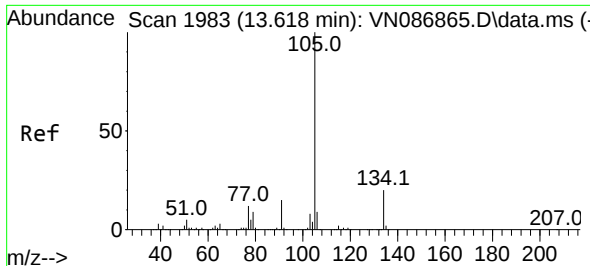
Tgt Ion:119 Resp: 391714
Ion Ratio Lower Upper
119 100
91 63.3 32.1 96.5
134 27.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 495.359 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion:105 Resp: 3700121
Ion Ratio Lower Upper
105 100
120 48.6 23.2 69.6

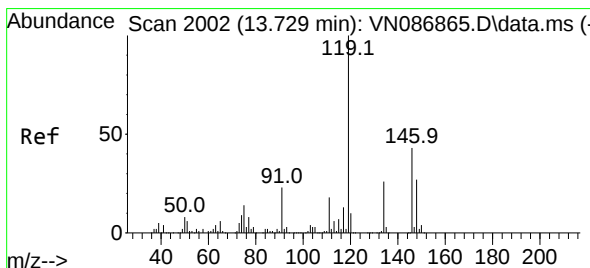
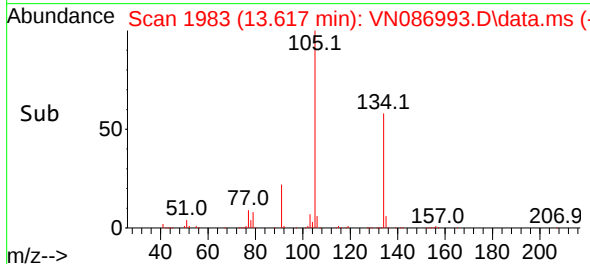
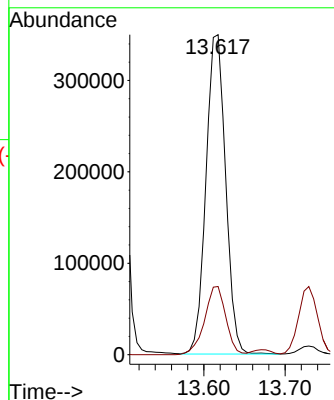
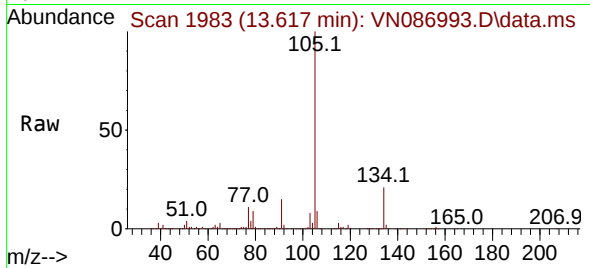




#85
 sec-Butylbenzene
 Concen: 59.131 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN086993.D
 Acq: 12 Jun 2025 21:11

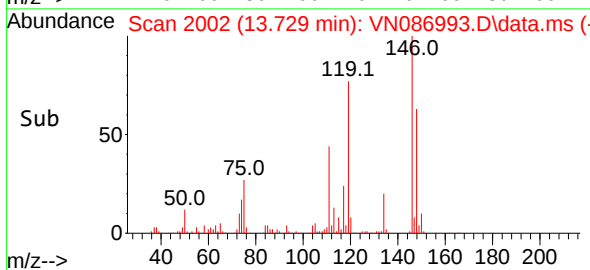
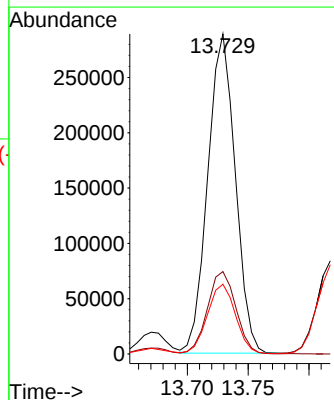
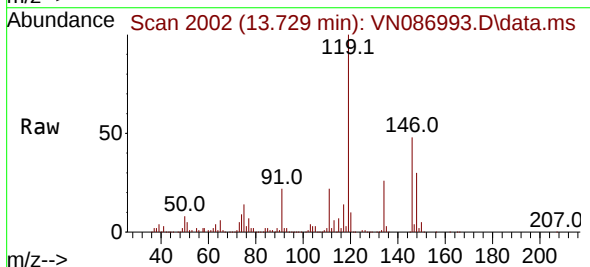
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605MSD

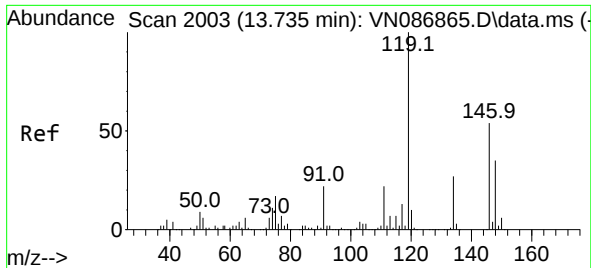
Tgt Ion:105 Resp: 585523
 Ion Ratio Lower Upper
 105 100
 134 23.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 55.470 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086993.D
 Acq: 12 Jun 2025 21:11

Tgt Ion:119 Resp: 454043
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.1 11.5 34.4

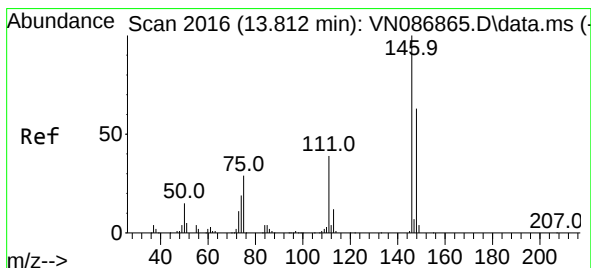
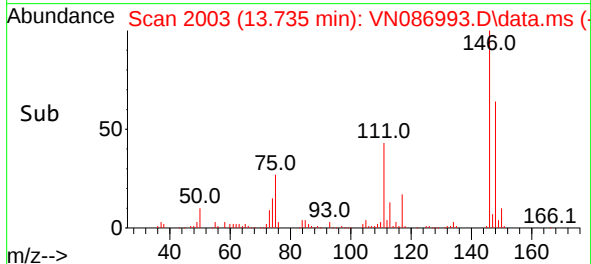
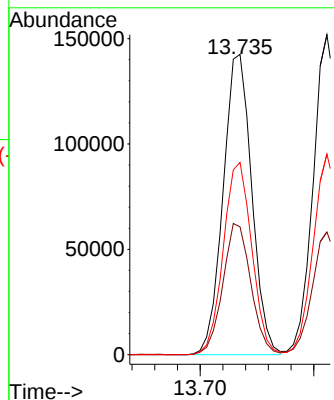
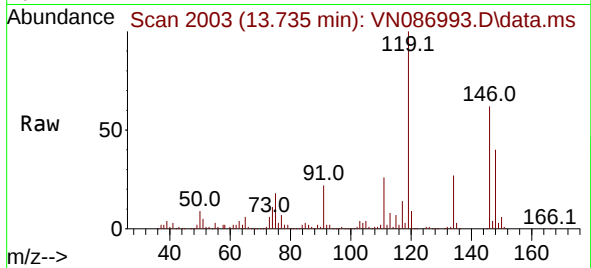




#87
 1,3-Dichlorobenzene
 Concen: 61.293 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN086993.D
 Acq: 12 Jun 2025 21:11

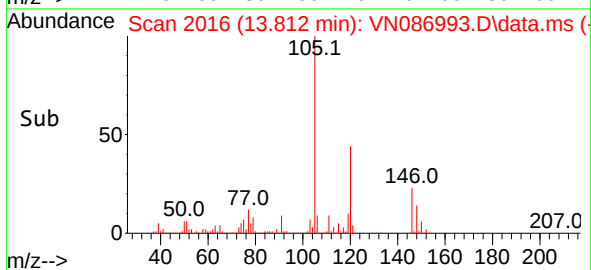
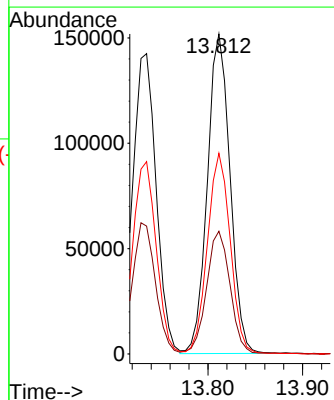
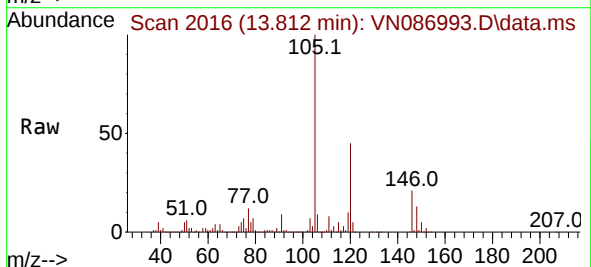
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605MSD

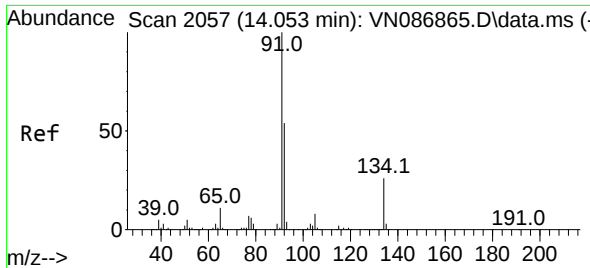
Tgt Ion:146 Resp: 249522
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.9 62.8
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 60.816 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086993.D
 Acq: 12 Jun 2025 21:11

Tgt Ion:146 Resp: 252413
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.7
 148 63.5 31.8 95.4

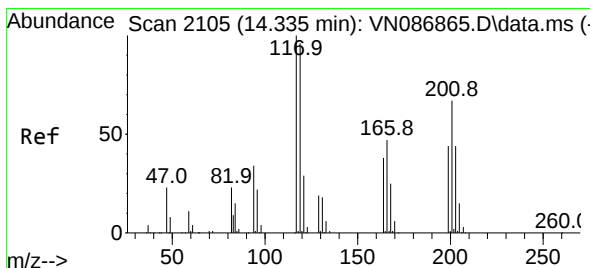
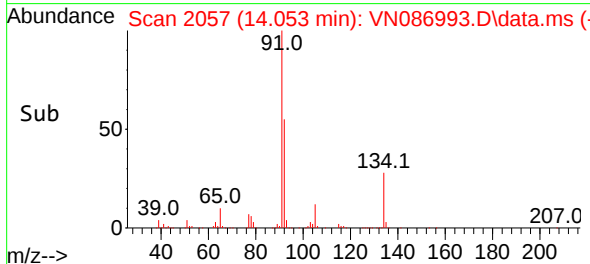
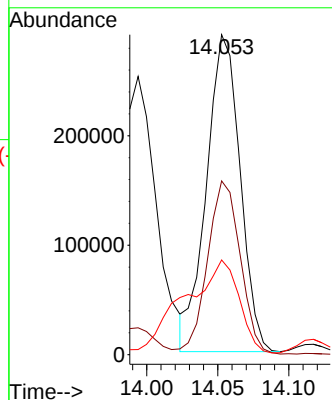
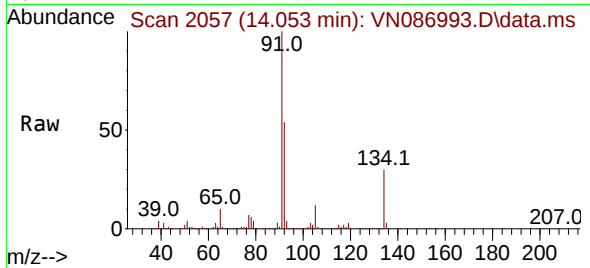




#89
n-Butylbenzene
Concen: 60.259 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

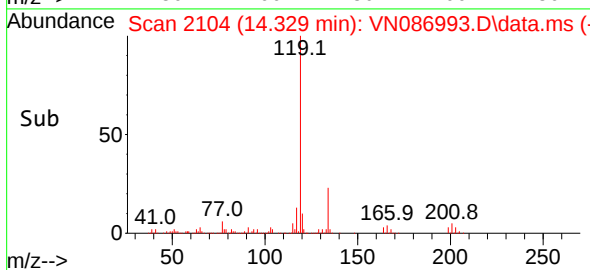
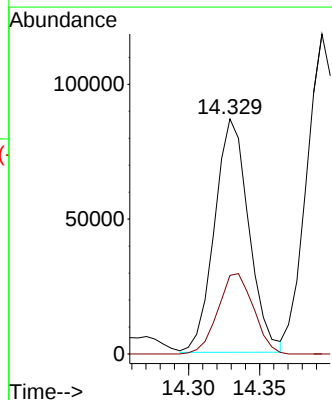
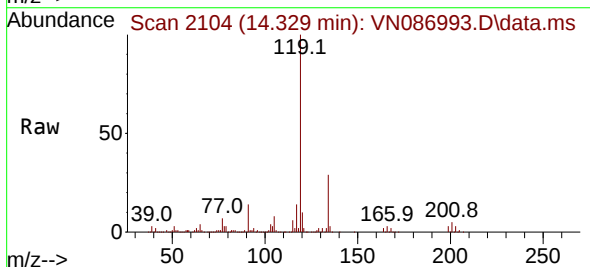
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

Tgt Ion: 91 Resp: 477756
Ion Ratio Lower Upper
91 100
92 53.2 27.5 82.4
134 47.5 13.0 39.0#



#90
Hexachloroethane
Concen: 104.762 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 117 Resp: 145354
Ion Ratio Lower Upper
117 100
201 35.7 33.2 99.6

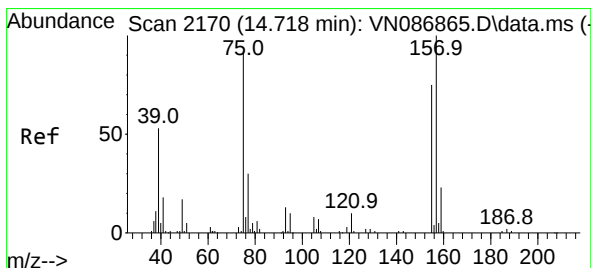
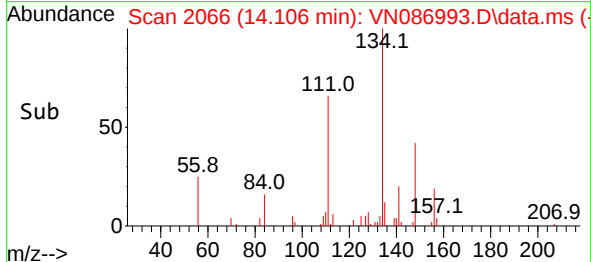
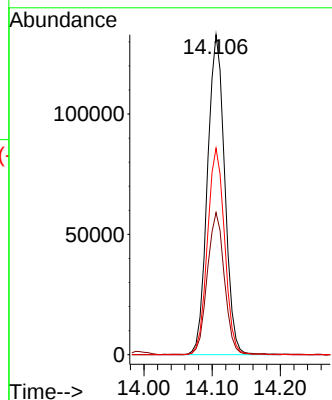
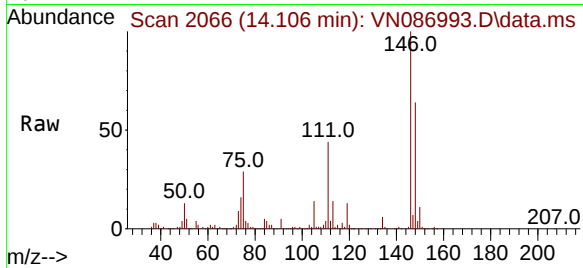




#91
1,2-Dichlorobenzene
Concen: 59.846 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

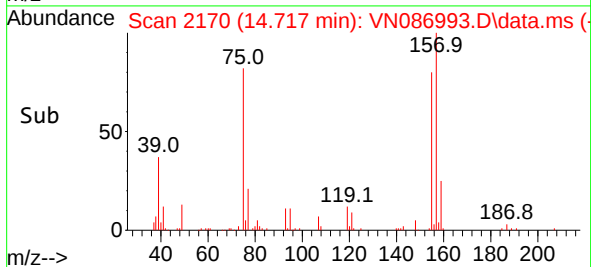
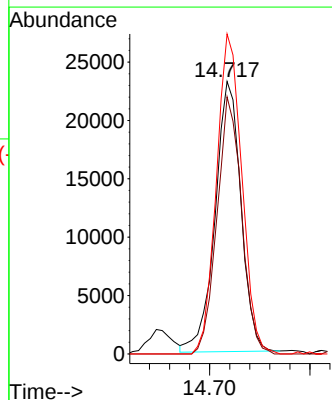
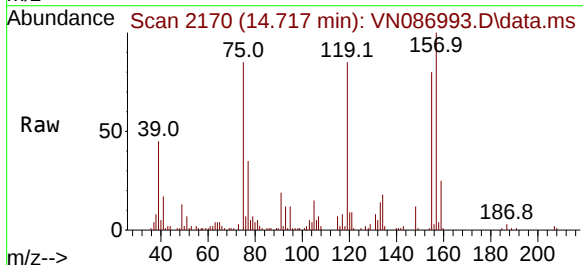
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ClientSampleId :
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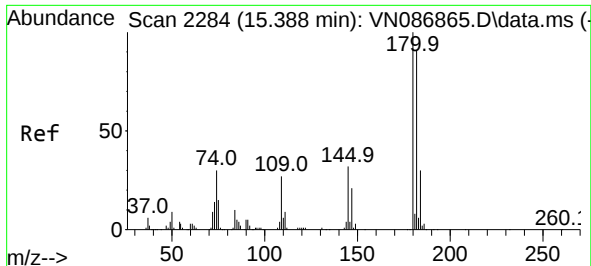
Tgt Ion:146 Resp: 234064
Ion Ratio Lower Upper
146 100
111 43.6 21.6 64.6
148 64.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.495 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion: 75 Resp: 41297
Ion Ratio Lower Upper
75 100
155 90.3 41.1 123.4
157 116.5 52.7 158.1

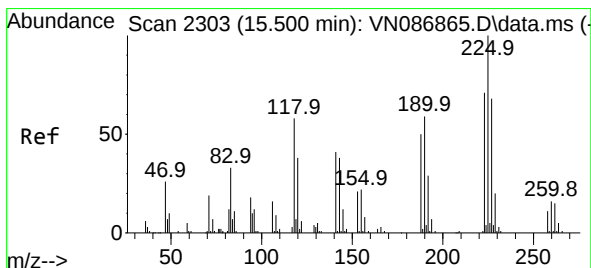
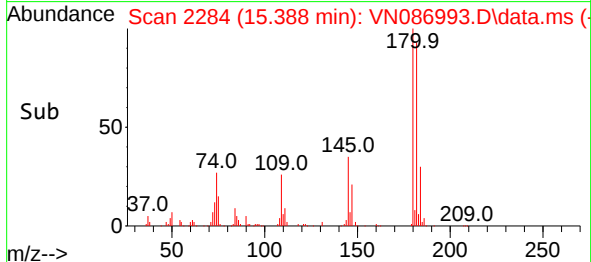
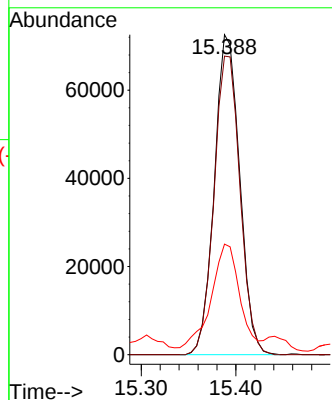
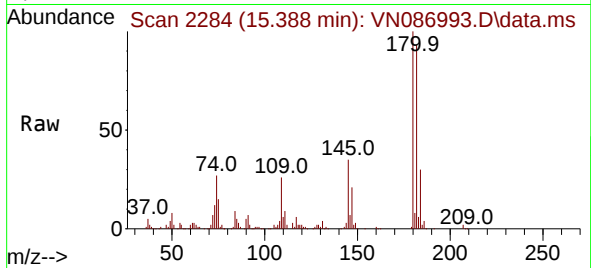




#93
1,2,4-Trichlorobenzene
Concen: 53.960 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

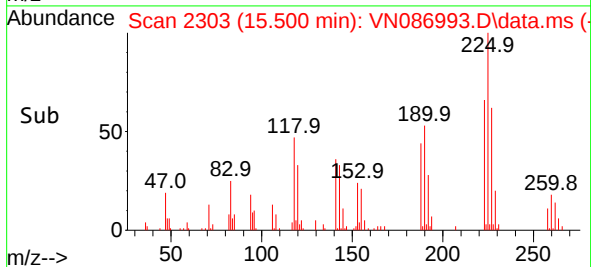
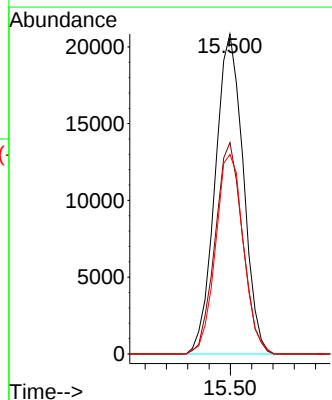
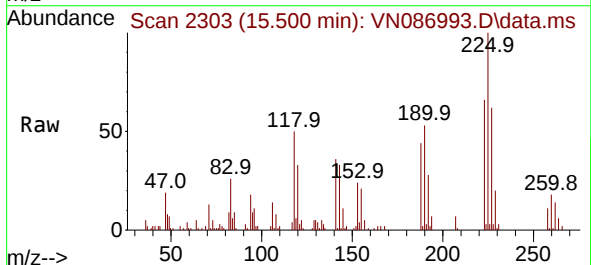
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ClientSampleId :
MW-2-20250605MSD

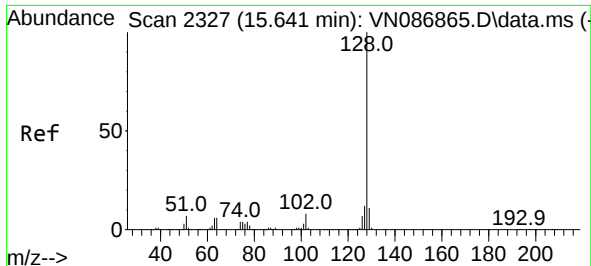
Tgt Ion:180 Resp: 134765
Ion Ratio Lower Upper
180 100
182 95.9 46.9 140.7
145 41.6 16.0 47.9



#94
Hexachlorobutadiene
Concen: 40.948 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion:225 Resp: 38102
Ion Ratio Lower Upper
225 100
223 64.5 33.5 100.4
227 61.9 31.1 93.5

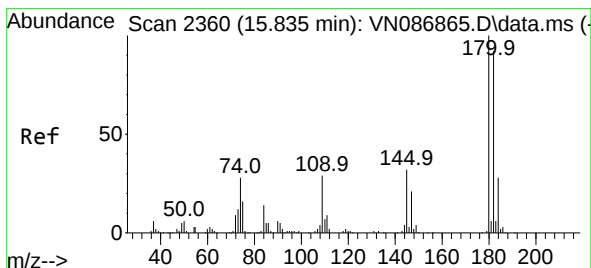
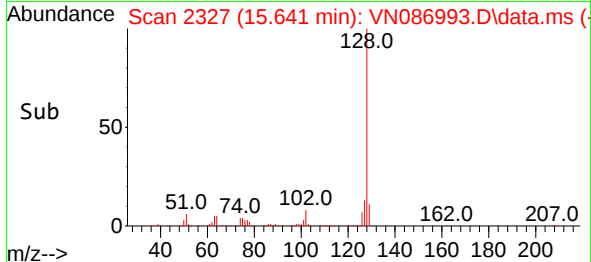
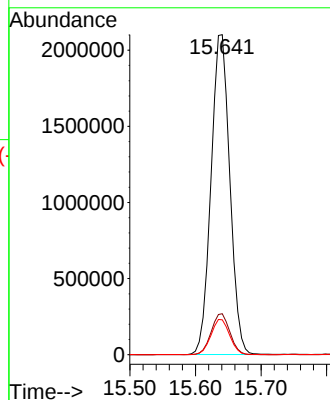
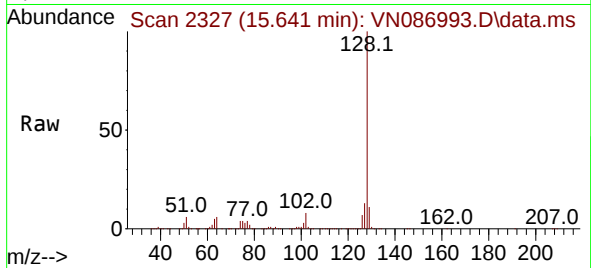




#95
Naphthalene
Concen: 449.797 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MSD

Tgt Ion:128 Resp: 4181384
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.319 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086993.D
Acq: 12 Jun 2025 21:11

Tgt Ion:180 Resp: 132306
Ion Ratio Lower Upper
180 100
182 95.6 47.0 141.0
145 39.8 16.6 49.8

