

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
 Data File : VN086801.D
 Acq On : 28 May 2025 15:57
 Operator : JC\MD
 Sample : Q2126-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: May 29 04:02:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	196961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132366	48.635	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.260%		
35) Dibromofluoromethane	8.165	113	105546	49.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	10.565	98	442857	49.693	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.380%		
62) 4-Bromofluorobenzene	12.847	95	153725	48.853	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	4557	2.142	ug/l	91
3) Chloromethane	2.359	50	8260	2.567	ug/l	95
4) Vinyl Chloride	2.518	62	7128	2.467	ug/l	95
5) Bromomethane	2.954	94	4497	2.700	ug/l #	65
6) Chloroethane	3.112	64	4588	2.424	ug/l	94
7) Trichlorofluoromethane	3.501	101	9019	2.612	ug/l	100
8) Diethyl Ether	3.953	74	3699	2.593	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	5326	2.577	ug/l	95
10) Methyl Iodide	4.595	142	6478	2.519	ug/l #	94
11) Tert butyl alcohol	5.512	59	5116	10.321	ug/l #	83
12) 1,1-Dichloroethene	4.336	96	5555	2.529	ug/l #	79
13) Acrolein	4.183	56	2370	4.473	ug/l	99
14) Allyl chloride	5.018	41	8799	2.646	ug/l	87
15) Acrylonitrile	5.724	53	13603	11.084	ug/l	100
16) Acetone	4.436	43	10974	10.779	ug/l	94
17) Carbon Disulfide	4.706	76	15825	2.602	ug/l #	90
18) Methyl Acetate	5.024	43	7907	2.775	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	19202	2.567	ug/l #	89
20) Methylene Chloride	5.271	84	6977	2.597	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	6130	2.639	ug/l #	79
22) Diisopropyl ether	6.671	45	18133	2.417	ug/l	95
23) Vinyl Acetate	6.600	43	41406	7.344	ug/l	96
24) 1,1-Dichloroethane	6.565	63	11087	2.517	ug/l	99
25) 2-Butanone	7.483	43	17441	11.086	ug/l	97
26) 2,2-Dichloropropane	7.489	77	8915	2.453	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	7085	2.485	ug/l	99
28) Bromochloromethane	7.806	49	4835	2.416	ug/l #	95
29) Tetrahydrofuran	7.836	42	11254	10.960	ug/l	99
30) Chloroform	7.959	83	11300	2.563	ug/l	96
31) Cyclohexane	8.247	56	13086	3.204	ug/l #	91
32) 1,1,1-Trichloroethane	8.165	97	9306	2.504	ug/l #	49
36) 1,1-Dichloropropene	8.365	75	8053	2.539	ug/l	97
37) Ethyl Acetate	7.559	43	6589	2.056	ug/l	96
38) Carbon Tetrachloride	8.353	117	7937	2.539	ug/l	90
39) Methylcyclohexane	9.606	83	8597	2.504	ug/l #	78
40) Benzene	8.600	78	26692	2.579	ug/l	95

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	4193	2.424	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	8482	2.631	ug/l	97
43) Isopropyl Acetate	8.683	43	12846	2.000	ug/l	98
44) Trichloroethene	9.347	130	7872	3.154	ug/l	94
45) 1,2-Dichloropropane	9.618	63	6240	2.538	ug/l	95
46) Dibromomethane	9.706	93	4305	2.595	ug/l	95
47) Bromodichloromethane	9.883	83	8839	2.586	ug/l	91
48) Methyl methacrylate	9.677	41	5416	2.176	ug/l	93
49) 1,4-Dioxane	9.700	88	2114	40.108	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	35549	10.974	ug/l	100
52) Toluene	10.630	92	16880	2.625	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	8498	2.348	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	9801	2.481	ug/l	92
55) 1,1,2-Trichloroethane	11.006	97	6060	2.526	ug/l	86
56) Ethyl methacrylate	10.871	69	8209	2.131	ug/l	98
57) 1,3-Dichloropropane	11.165	76	10201	2.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	19804	11.503	ug/l	100
59) 2-Hexanone	11.194	43	24998	10.567	ug/l	97
60) Dibromochloromethane	11.359	129	5935	2.360	ug/l	97
61) 1,2-Dibromoethane	11.471	107	5757	2.388	ug/l	98
64) Tetrachloroethene	11.100	164	8701	3.561	ug/l	95
65) Chlorobenzene	11.888	112	18538	2.651	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.953	131	5863	2.597	ug/l	98
67) Ethyl Benzene	11.959	91	28066	2.343	ug/l	99
68) m/p-Xylenes	12.071	106	21669	4.776	ug/l	98
69) o-Xylene	12.394	106	10221	2.266	ug/l	92
70) Styrene	12.406	104	16496	2.234	ug/l	96
71) Bromoform	12.576	173	4118	2.565	ug/l #	97
73) Isopropylbenzene	12.694	105	24283	2.368	ug/l	99
74) N-amyl acetate	12.488	43	8838	2.063	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	6023	1.912	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	10988	3.660	ug/l	60
77) Bromobenzene	12.976	156	6669	2.586	ug/l	97
78) n-propylbenzene	13.035	91	28402	2.414	ug/l	100
79) 2-Chlorotoluene	13.123	91	19829	2.592	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	19632	2.390	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	2313	1.944	ug/l	87
82) 4-Chlorotoluene	13.218	91	18330	2.418	ug/l	99
83) tert-Butylbenzene	13.435	119	17839	2.490	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	19242	2.352	ug/l	98
85) sec-Butylbenzene	13.612	105	22406	2.332	ug/l	100
86) p-Isopropyltoluene	13.723	119	17673	2.244	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	11450	2.564	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	11551	2.610	ug/l	90
89) n-Butylbenzene	14.053	91	14755	2.260	ug/l	98
90) Hexachloroethane	14.329	117	3220	2.465	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	10695	2.518	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1171	2.244	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	4165	2.323	ug/l	97
94) Hexachlorobutadiene	15.500	225	1868	2.511	ug/l	93
95) Naphthalene	15.635	128	13289	2.134	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	3972	2.262	ug/l	96

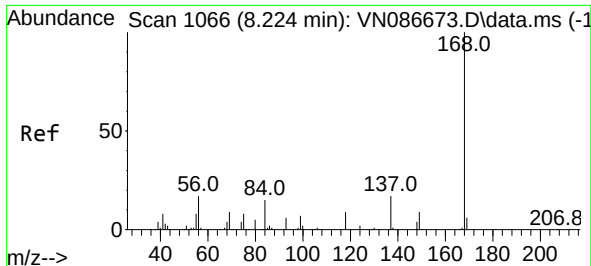
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Response via : Initial Calibration

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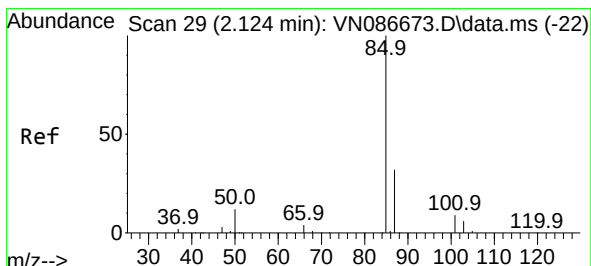
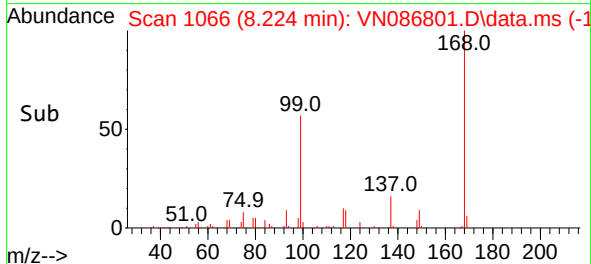
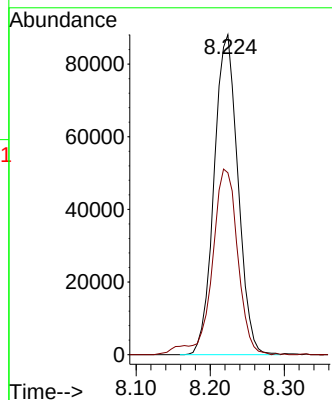
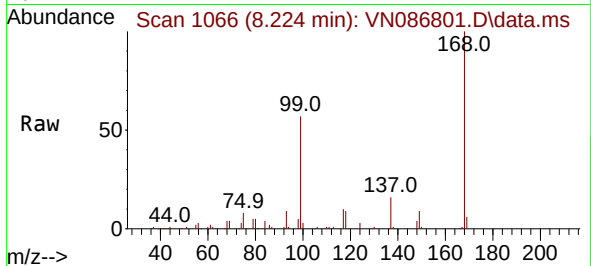
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

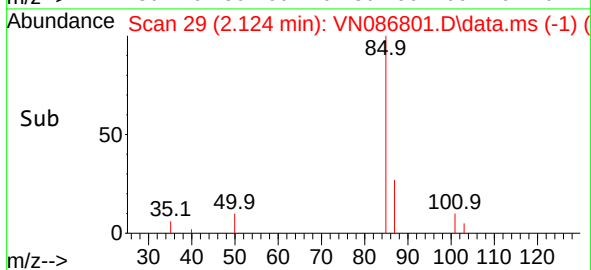
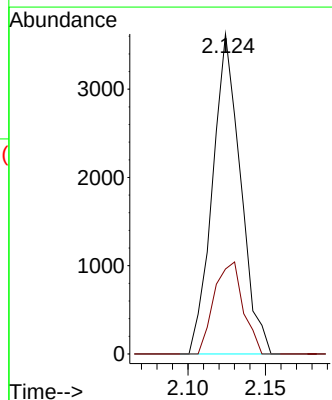
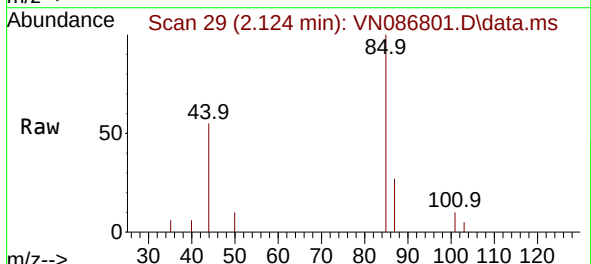
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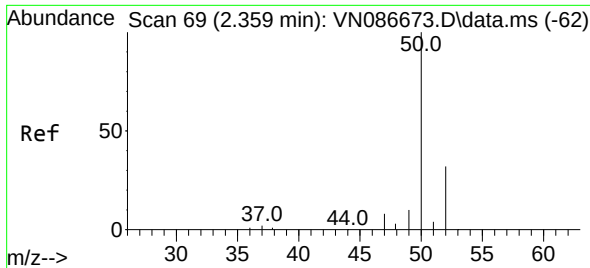
Tgt Ion:168 Resp: 196961
Ion Ratio Lower Upper
168 100
99 56.7 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 2.142 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 85 Resp: 4557
Ion Ratio Lower Upper
85 100
87 26.5 15.9 47.6

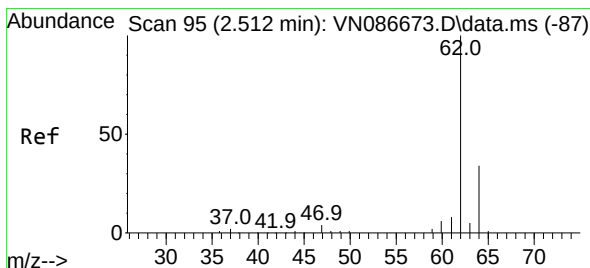
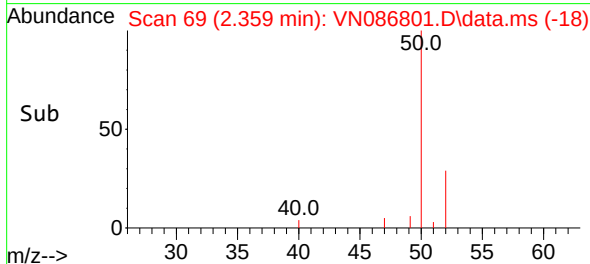
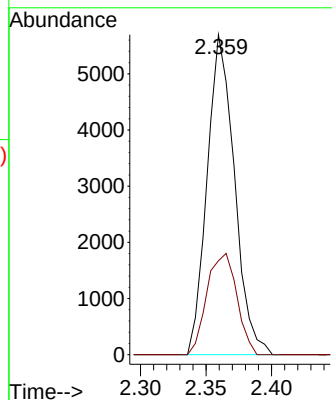
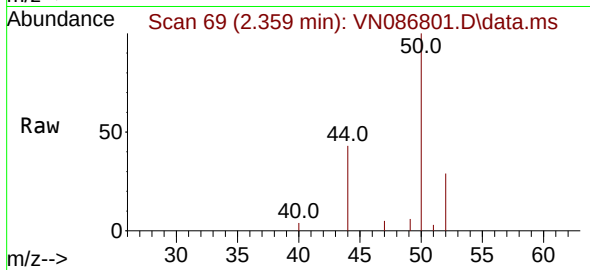




#3
Chloromethane
Concen: 2.567 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

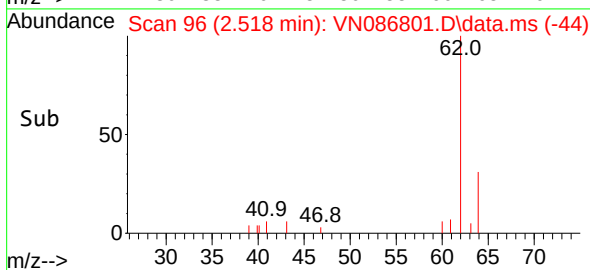
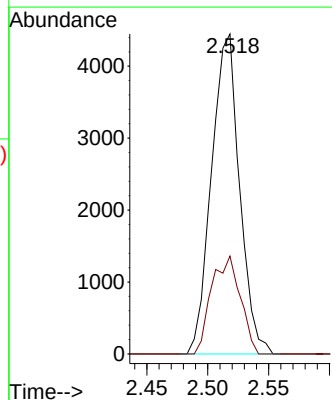
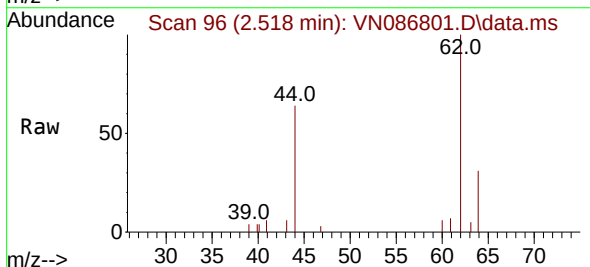
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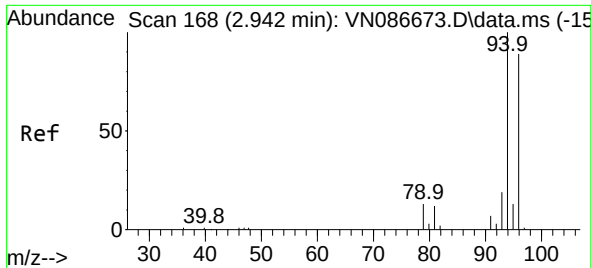
Tgt Ion: 50 Resp: 8260
Ion Ratio Lower Upper
50 100
52 29.4 25.9 38.9



#4
Vinyl Chloride
Concen: 2.467 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 62 Resp: 7128
Ion Ratio Lower Upper
62 100
64 30.6 26.9 40.3

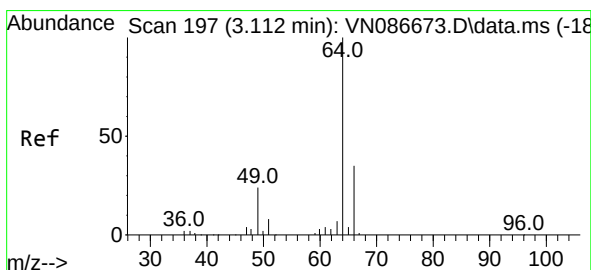
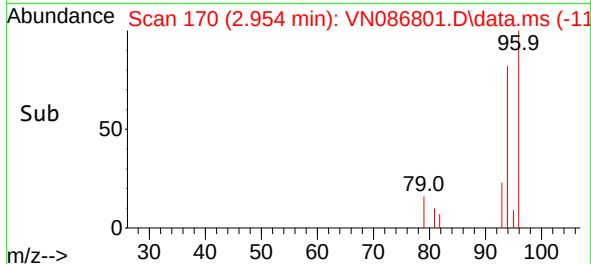
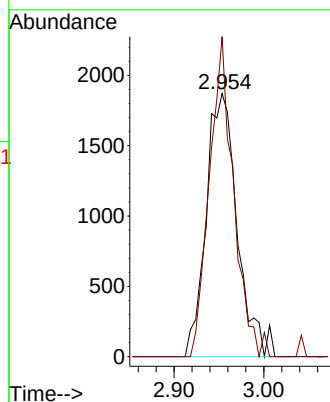
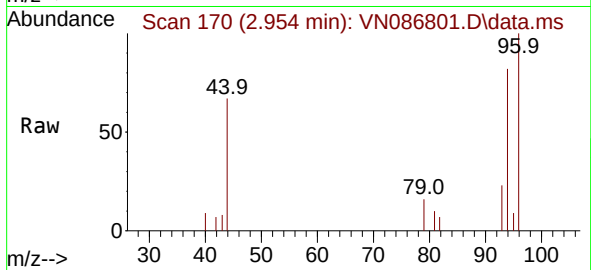




#5
Bromomethane
Concen: 2.700 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

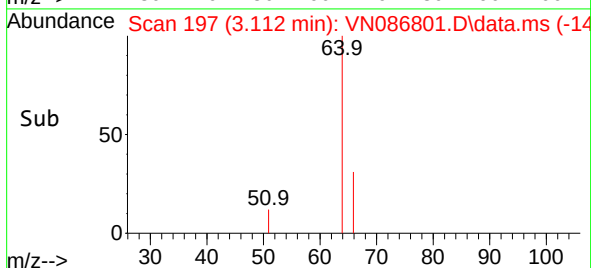
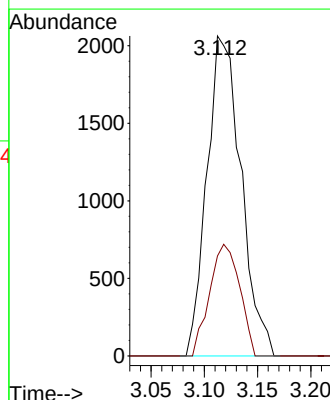
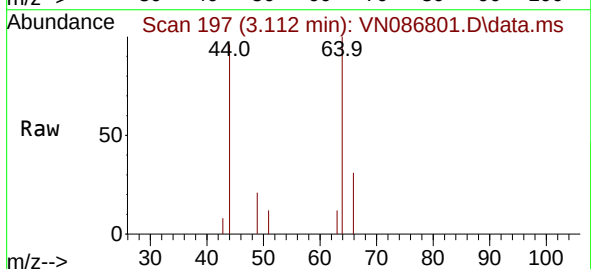
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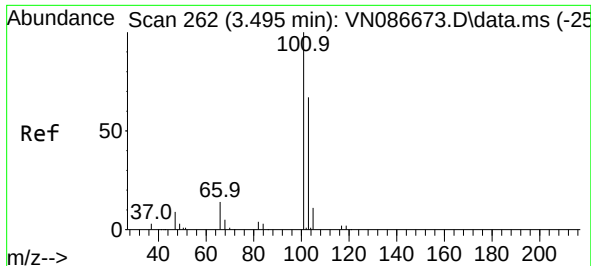
Tgt Ion: 94 Resp: 4497
Ion Ratio Lower Upper
94 100
96 121.6 71.2 106.8#



#6
Chloroethane
Concen: 2.424 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 64 Resp: 4588
Ion Ratio Lower Upper
64 100
66 31.3 27.7 41.5

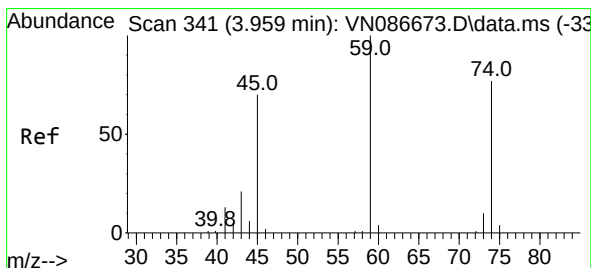
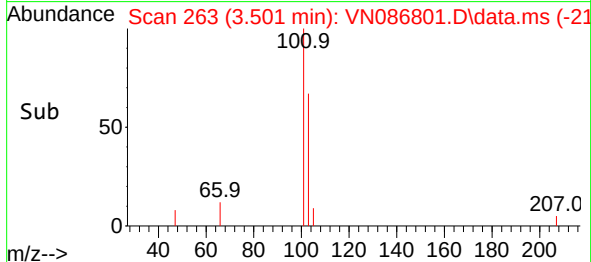
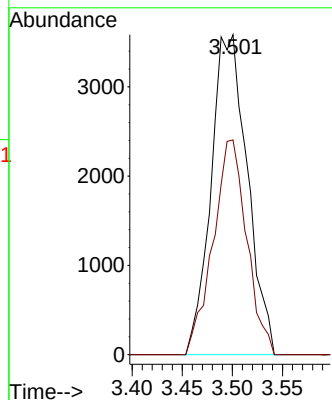
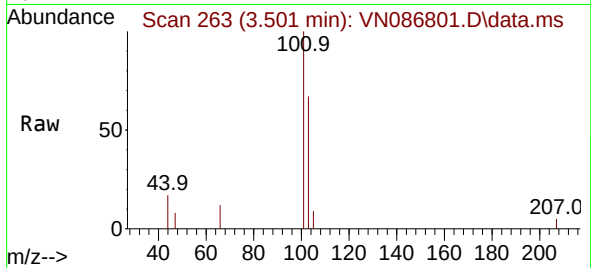




#7
Trichlorofluoromethane
Concen: 2.612 ug/l
RT: 3.501 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086801.D
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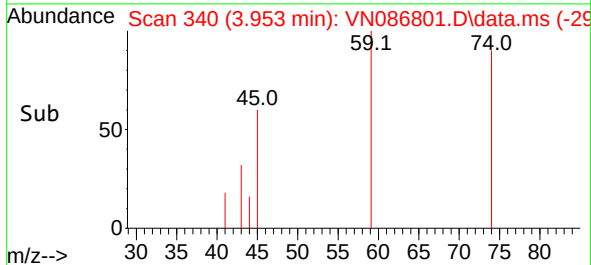
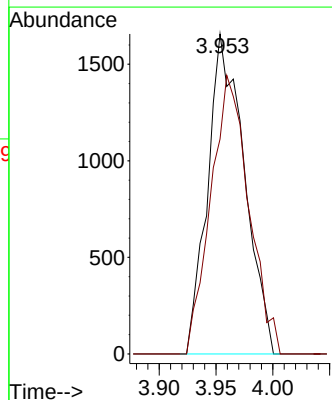
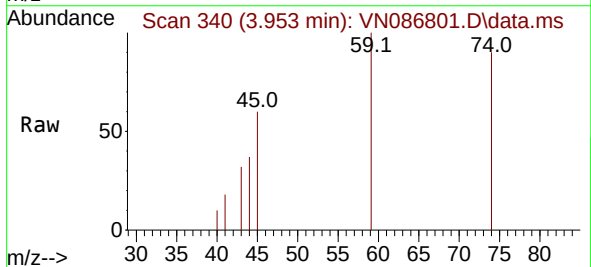
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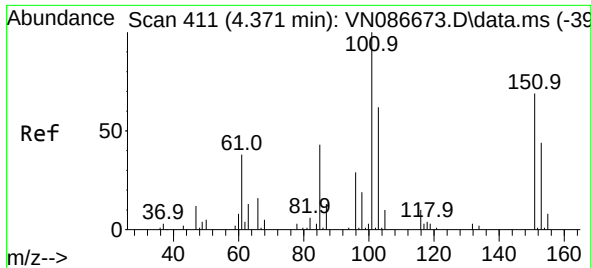
Tgt Ion:101 Resp: 9019
Ion Ratio Lower Upper
101 100
103 67.1 53.4 80.0



#8
Diethyl Ether
Concen: 2.593 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 74 Resp: 3699
Ion Ratio Lower Upper
74 100
45 90.6 45.0 135.0

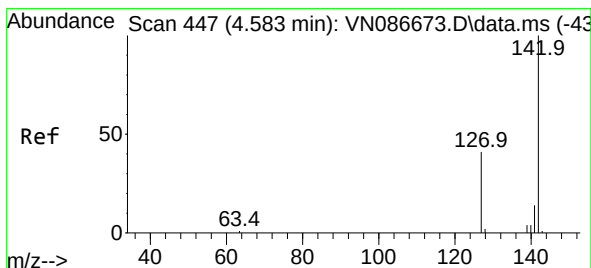
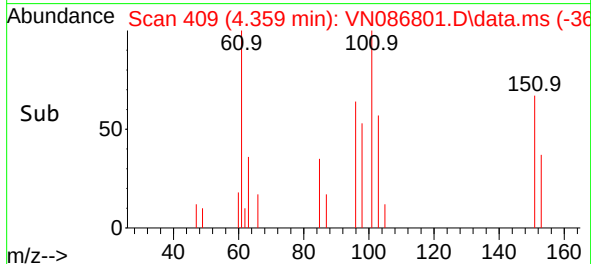
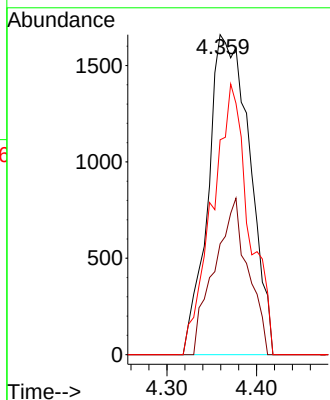
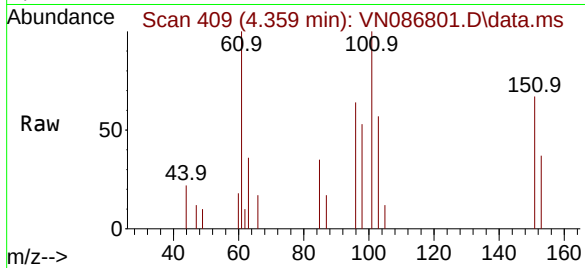




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.577 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.012 min
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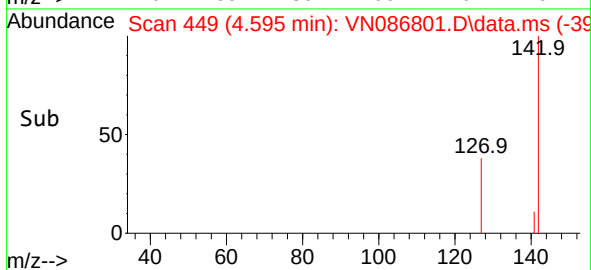
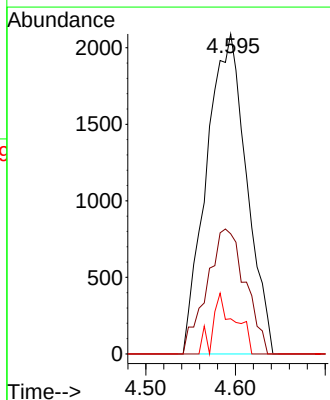
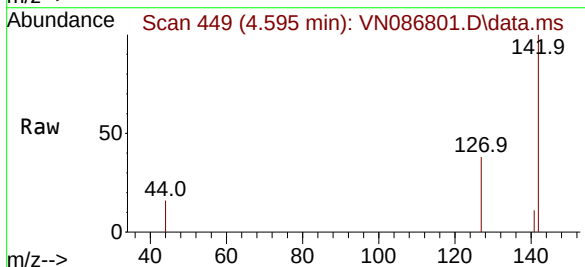
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 ClientSampleId :
 MDL-WATER-03-QT2-2025

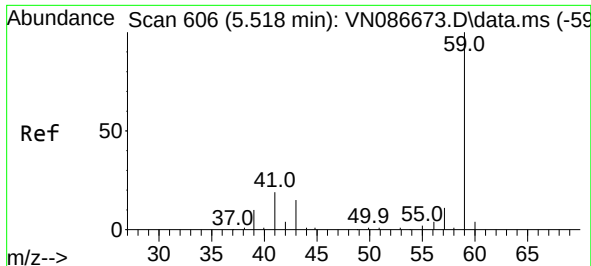
Tgt Ion:101 Resp: 5326
 Ion Ratio Lower Upper
 101 100
 85 39.5 35.0 52.6
 151 75.5 58.1 87.1



#10
 Methyl Iodide
 Concen: 2.519 ug/l
 RT: 4.595 min Scan# 449
 Delta R.T. 0.012 min
 Lab File: VN086801.D
 Acq: 28 May 2025 15:57

Tgt Ion:142 Resp: 6478
 Ion Ratio Lower Upper
 142 100
 127 37.6 32.4 48.6
 141 11.0 11.4 17.2#

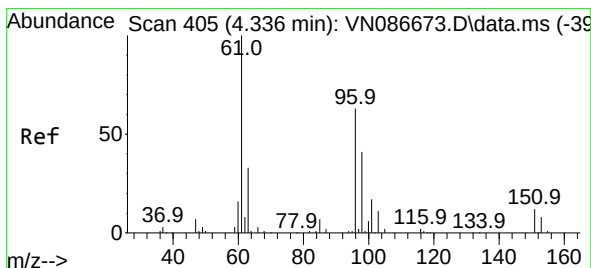
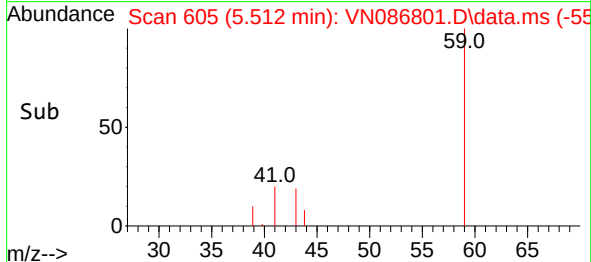
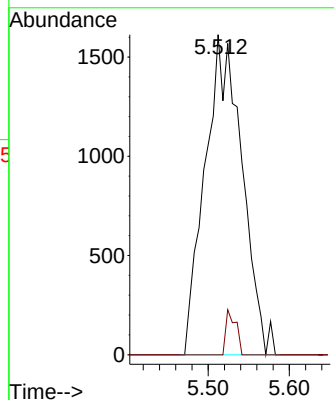
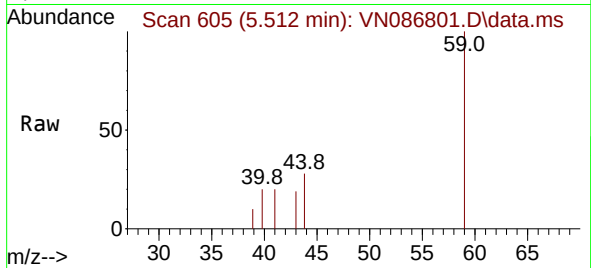




#11
Tert butyl alcohol
Concen: 10.321 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

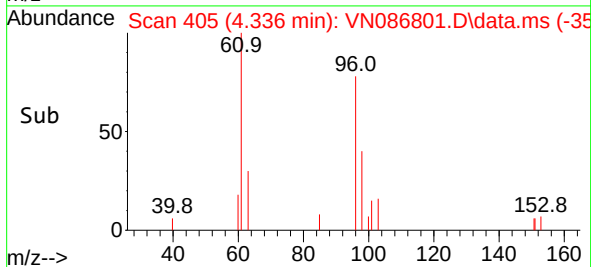
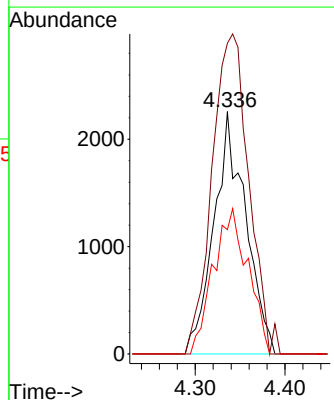
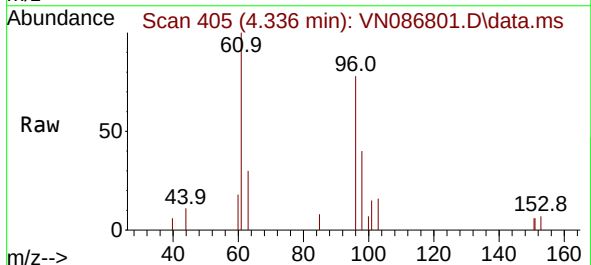
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

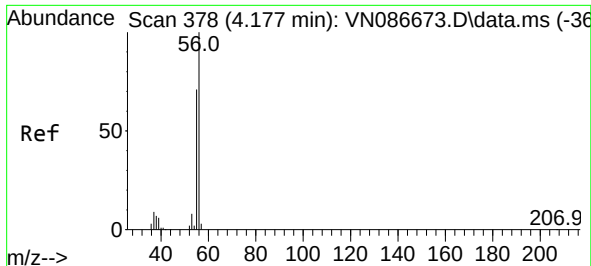
Tgt Ion: 59 Resp: 5116
Ion Ratio Lower Upper
59 100
57 3.8 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 2.529 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 96 Resp: 5555
Ion Ratio Lower Upper
96 100
61 128.1 126.2 189.2
98 51.3 51.5 77.3#

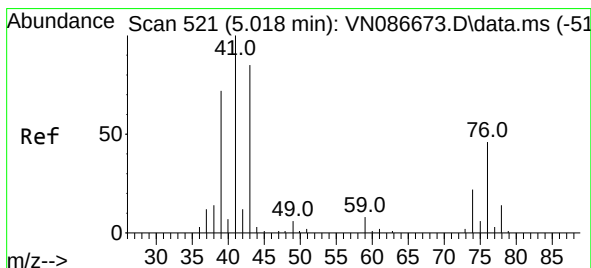
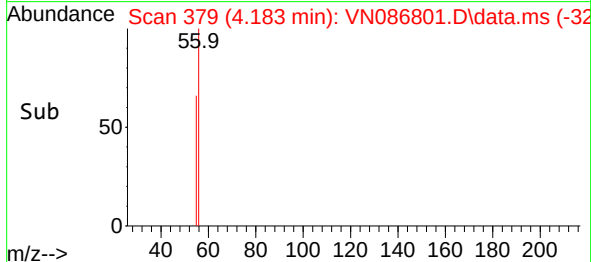
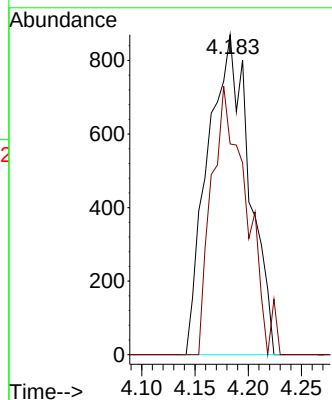
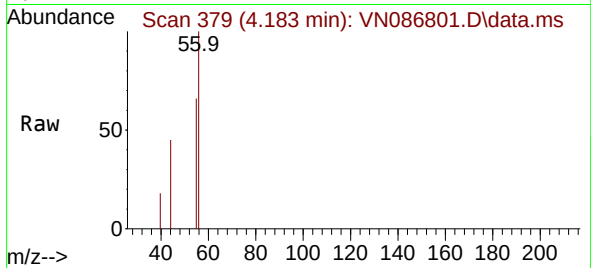




#13
Acrolein
Concen: 4.473 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

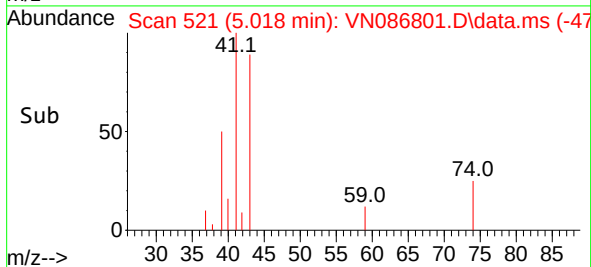
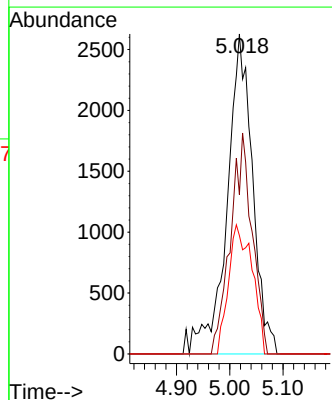
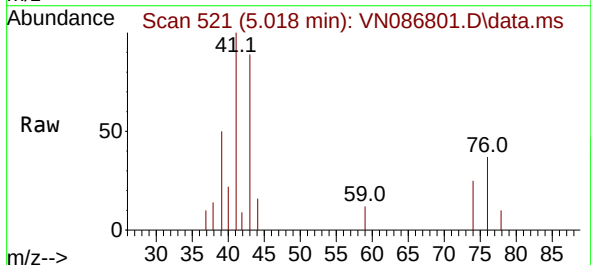
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

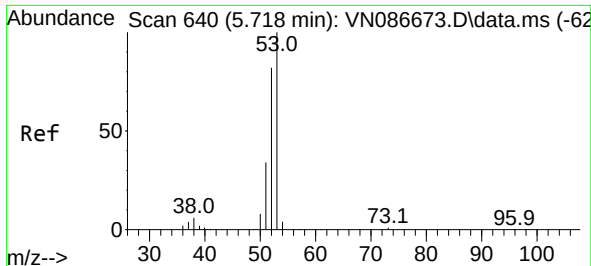
Tgt Ion: 56 Resp: 2370
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5



#14
Allyl chloride
Concen: 2.646 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 41 Resp: 8799
Ion Ratio Lower Upper
41 100
39 58.4 57.4 86.0
76 37.3 33.2 49.8

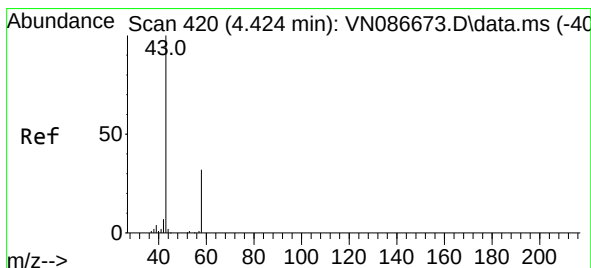
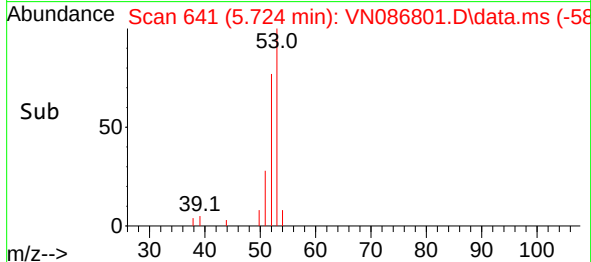
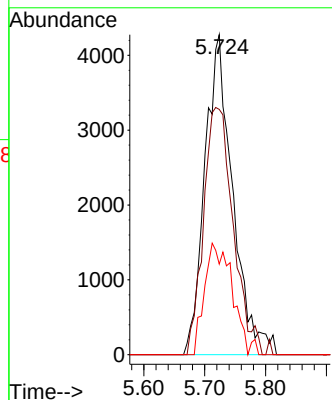
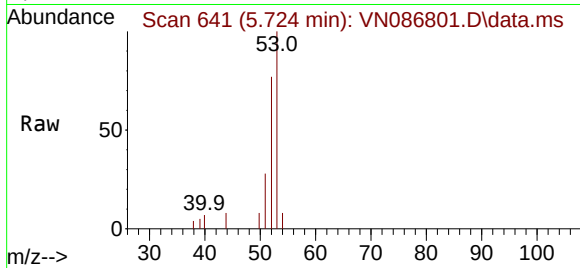




#15
Acrylonitrile
Concen: 11.084 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

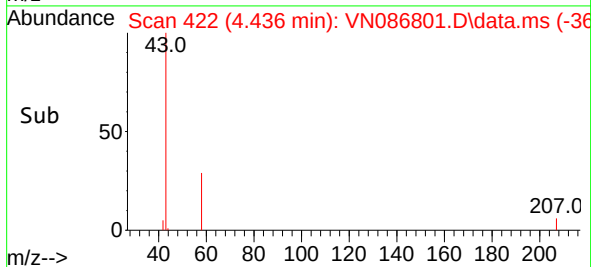
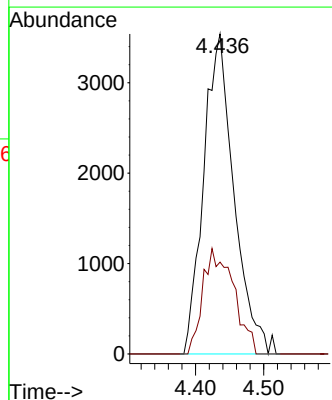
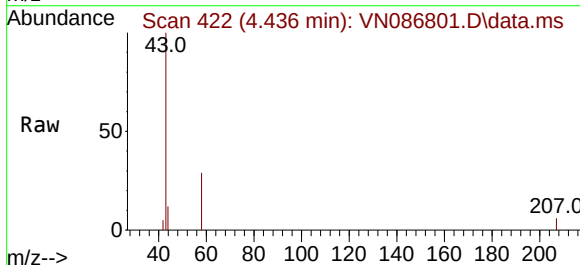
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

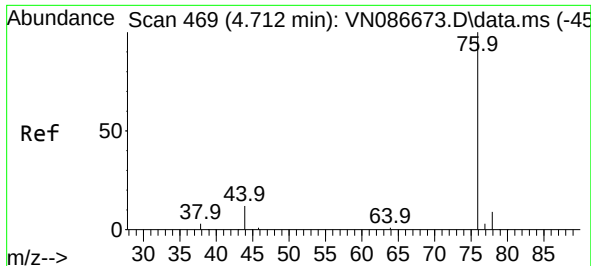
Tgt Ion:	53	Resp:	13603
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.4	98.2
51	34.9	27.9	41.9



#16
Acetone
Concen: 10.779 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:	43	Resp:	10974
Ion	Ratio	Lower	Upper
43	100		
58	28.7	25.8	38.6

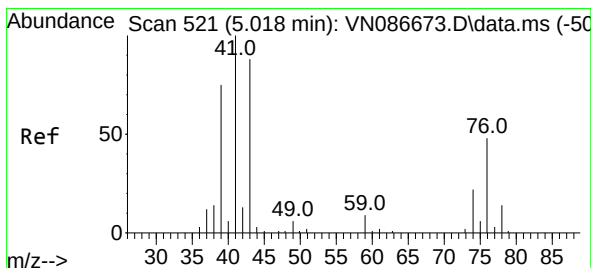
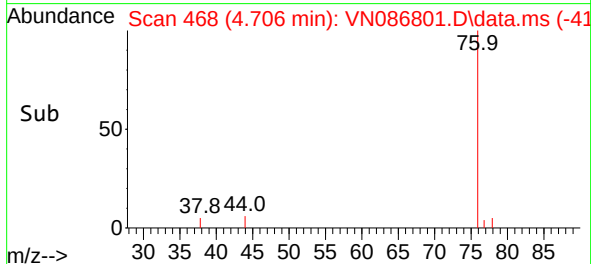
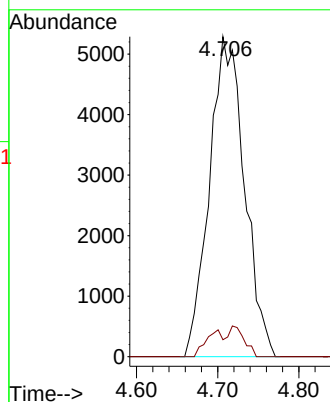
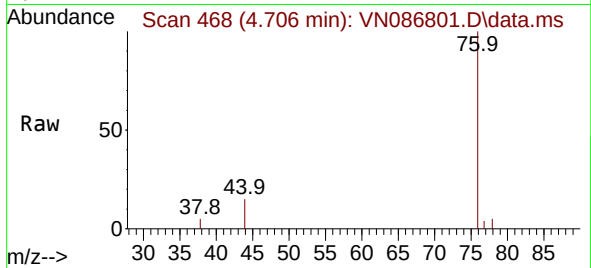




#17
Carbon Disulfide
Concen: 2.602 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

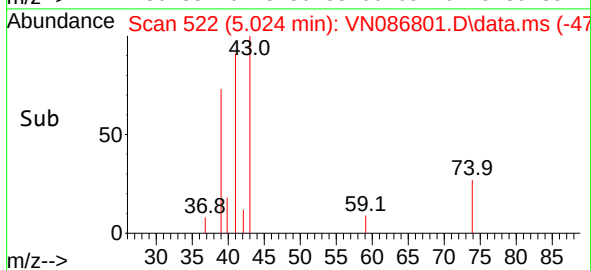
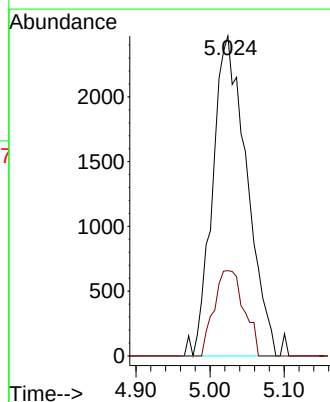
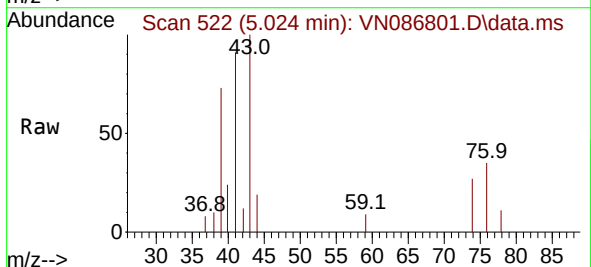
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

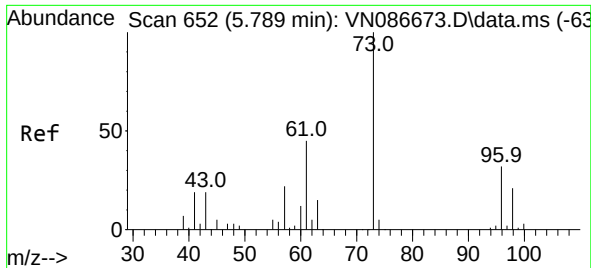
Tgt Ion: 76 Resp: 15825
Ion Ratio Lower Upper
76 100
78 5.3 7.3 10.9#



#18
Methyl Acetate
Concen: 2.775 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 43 Resp: 7907
Ion Ratio Lower Upper
43 100
74 23.3 20.5 30.7

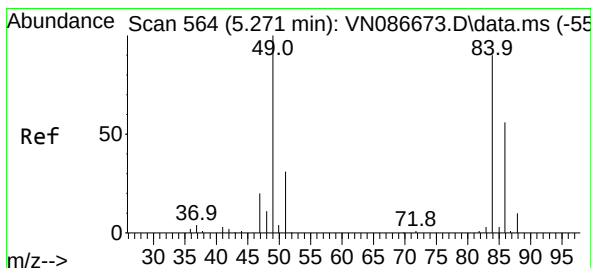
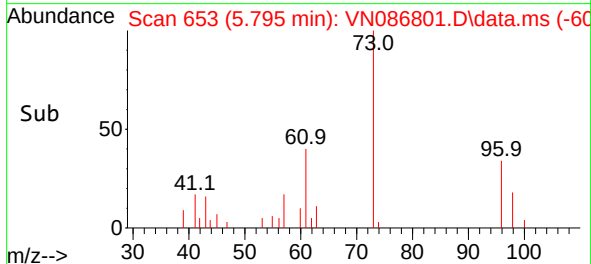
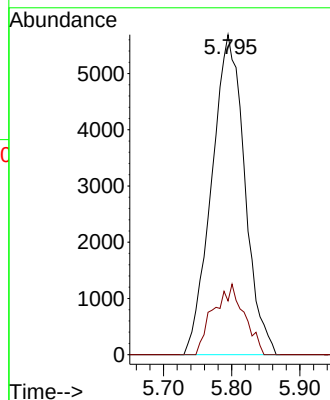
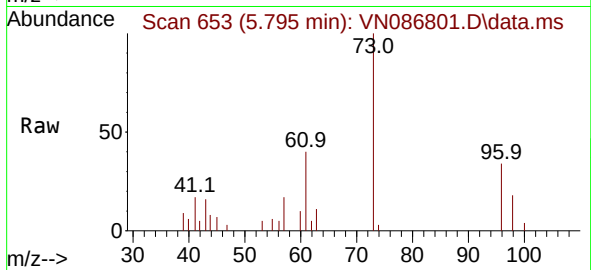




#19
Methyl tert-butyl Ether
Concen: 2.567 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

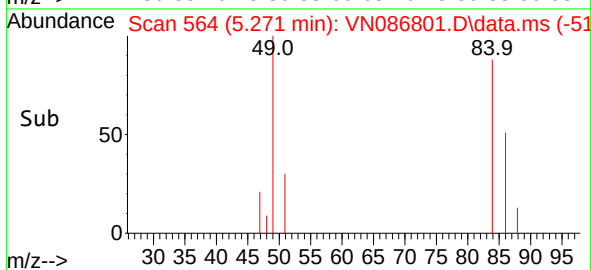
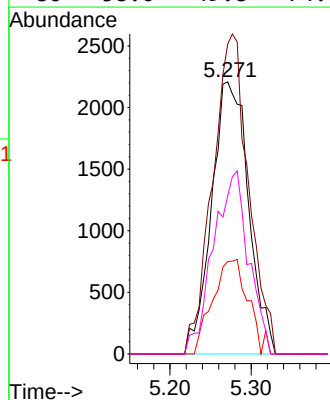
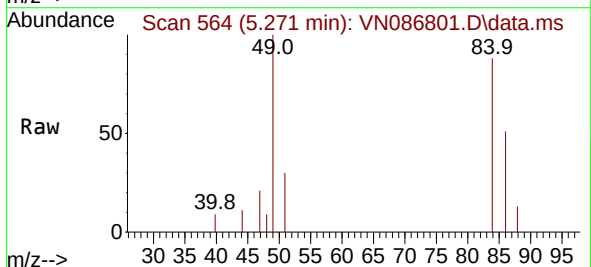
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

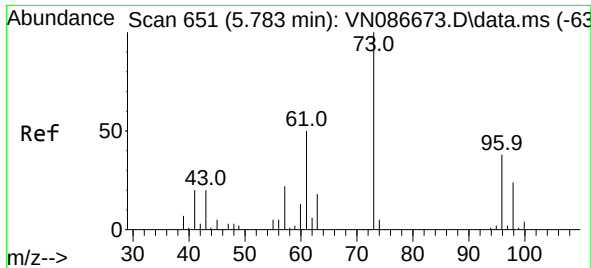
Tgt Ion: 73 Resp: 19202
Ion Ratio Lower Upper
73 100
57 16.8 17.7 26.5#



#20
Methylene Chloride
Concen: 2.597 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 84 Resp: 6977
Ion Ratio Lower Upper
84 100
49 113.9 88.8 133.2
51 34.0 27.8 41.6
86 58.0 49.8 74.6

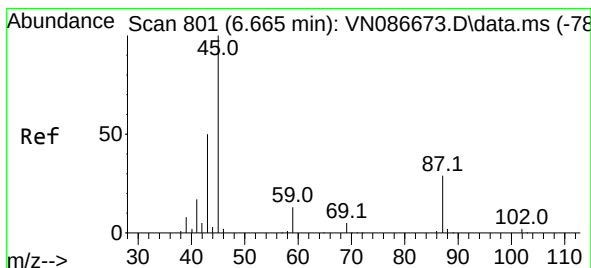
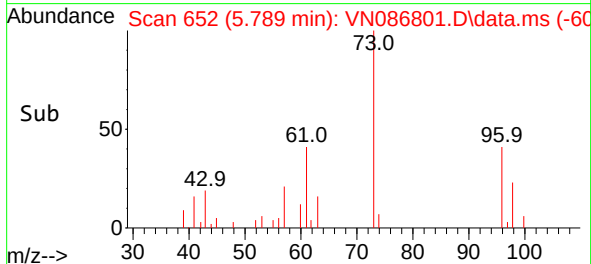
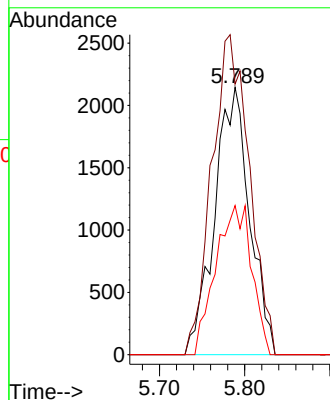
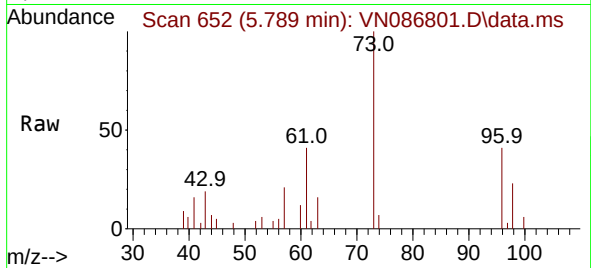




#21
trans-1,2-Dichloroethene
Concen: 2.639 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

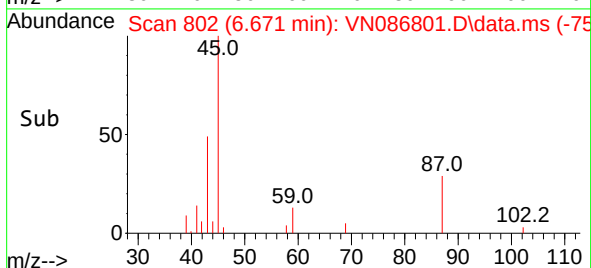
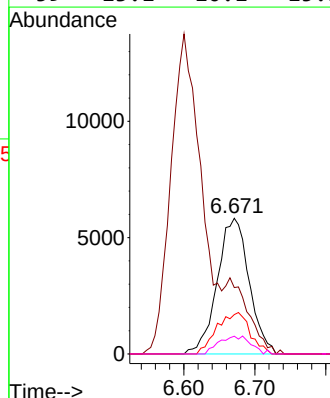
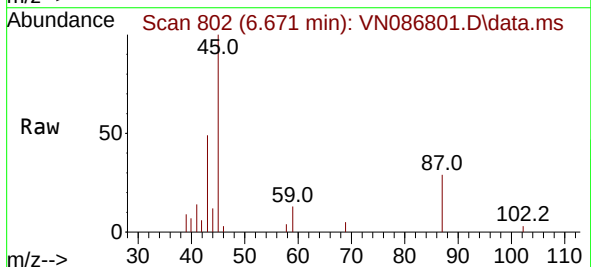
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

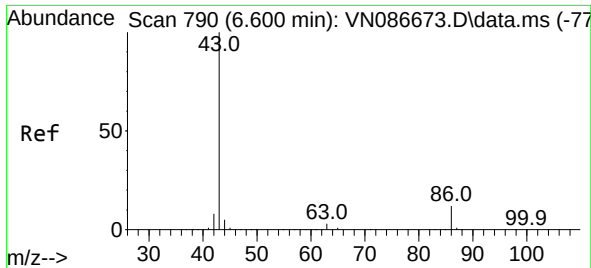
Tgt Ion: 96 Resp: 6130
Ion Ratio Lower Upper
96 100
61 101.2 105.7 158.5#
98 55.8 51.0 76.6



#22
Diisopropyl ether
Concen: 2.417 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 45 Resp: 18133
Ion Ratio Lower Upper
45 100
43 46.0 41.4 62.2
87 29.0 22.9 34.3
59 13.1 10.1 15.1

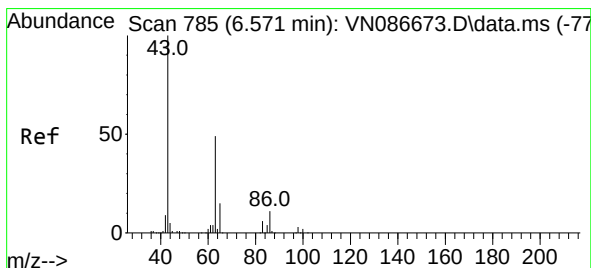
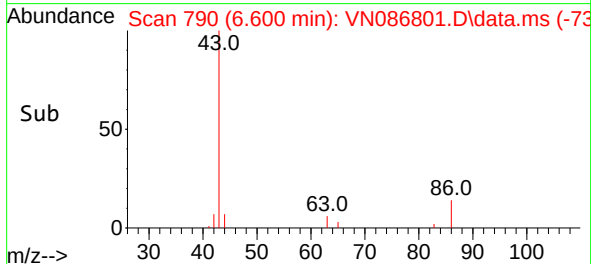
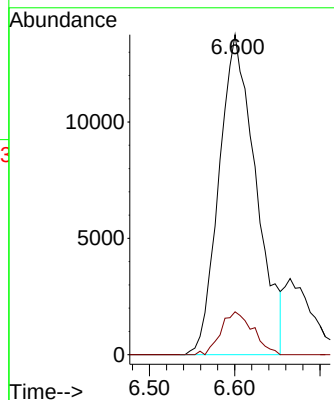
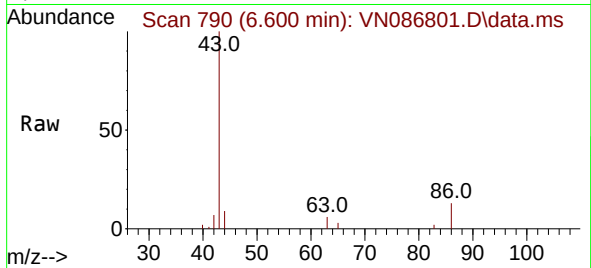




#23
 Vinyl Acetate
 Concen: 7.344 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086801.D
 Acq: 28 May 2025 15:57

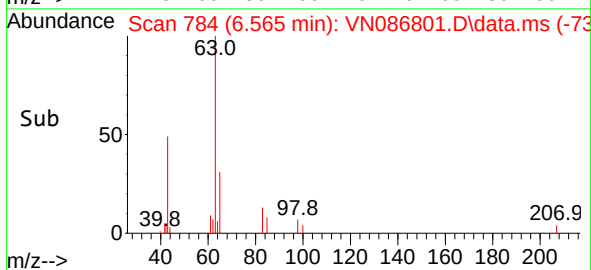
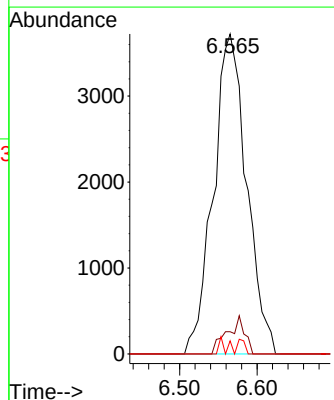
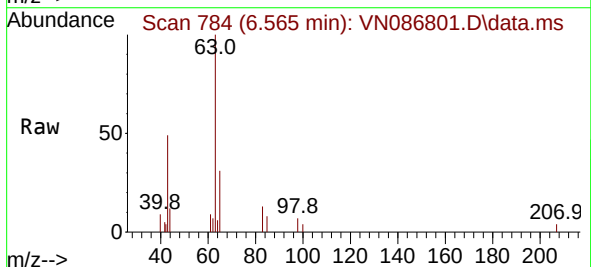
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025

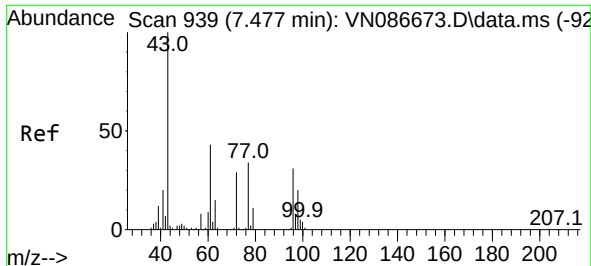
Tgt Ion: 43 Resp: 41406
 Ion Ratio Lower Upper
 43 100
 86 13.4 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 2.517 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086801.D
 Acq: 28 May 2025 15:57

Tgt Ion: 63 Resp: 11087
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.1 2.4 7.1

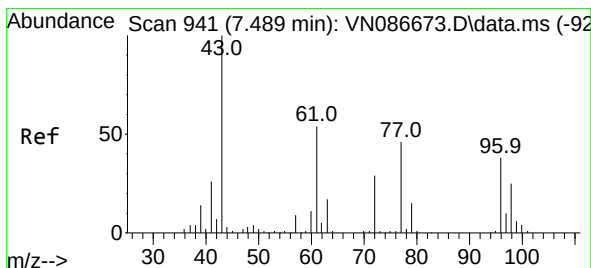
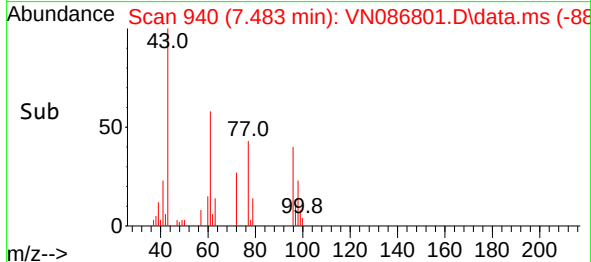
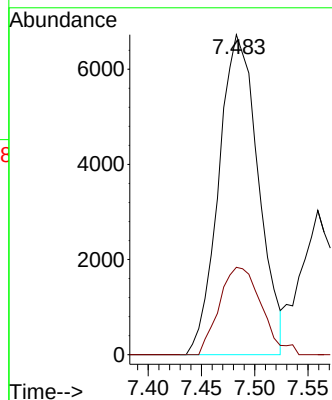
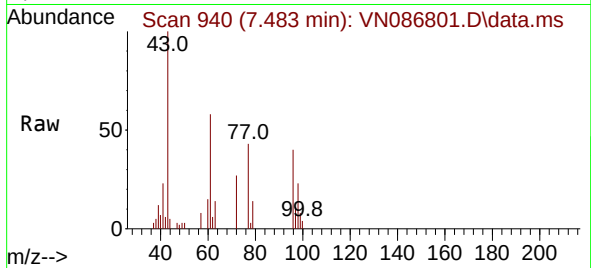




#25
2-Butanone
Concen: 11.086 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

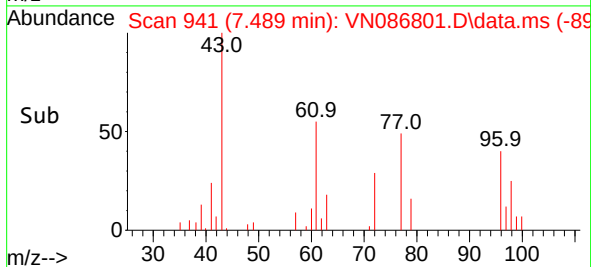
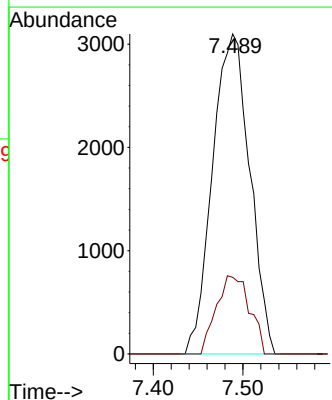
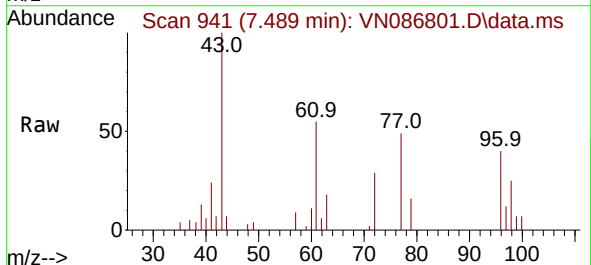
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

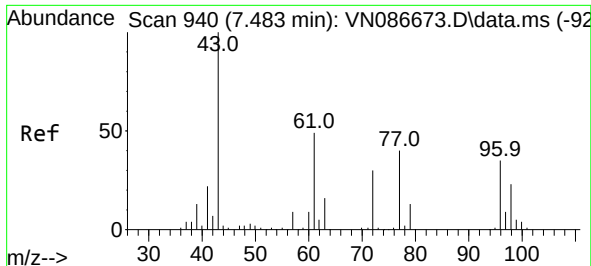
Tgt Ion: 43 Resp: 17441
Ion Ratio Lower Upper
43 100
72 27.3 23.1 34.7



#26
2,2-Dichloropropane
Concen: 2.453 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 77 Resp: 8915
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.7



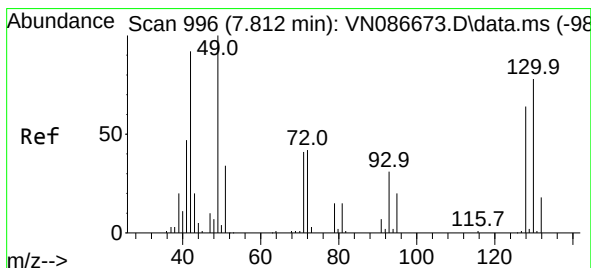
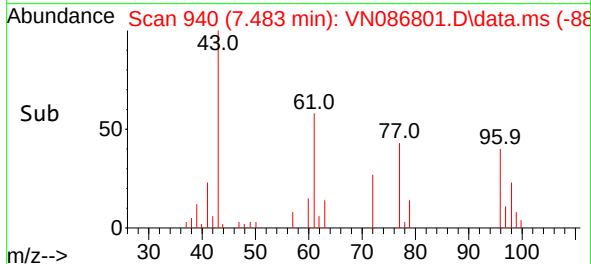
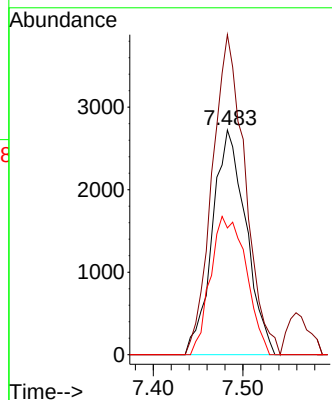
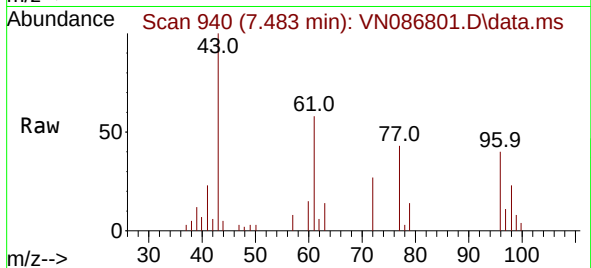


#27
 cis-1,2-Dichloroethene
 Concen: 2.485 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086801.D
 Acq: 28 May 2025 15:57

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Tgt Ion: 96 Resp: 7085

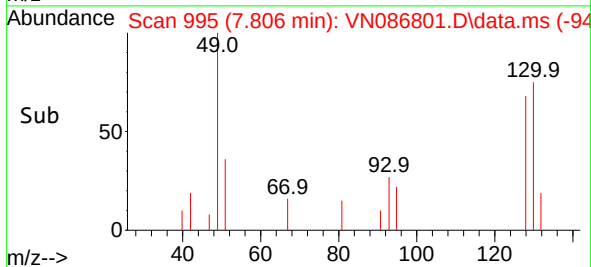
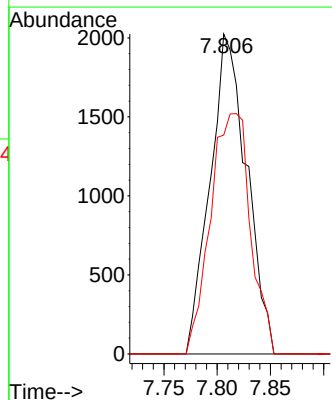
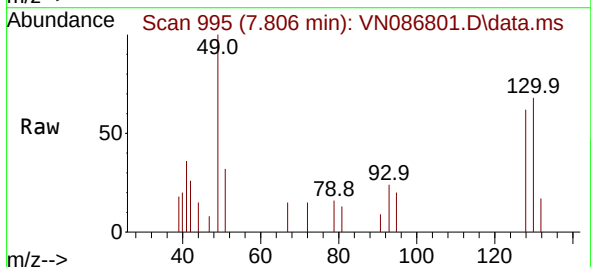
Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	277.4
98	65.3	0.0	129.6

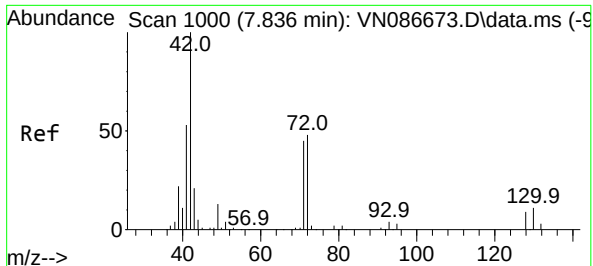


#28
 Bromochloromethane
 Concen: 2.416 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086801.D
 Acq: 28 May 2025 15:57

Tgt Ion: 49 Resp: 4835

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	82.2	62.2	93.4





#29

Tetrahydrofuran

Concen: 10.960 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

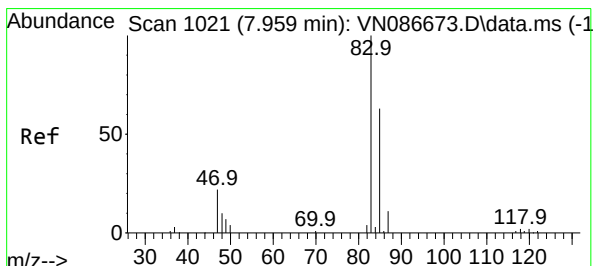
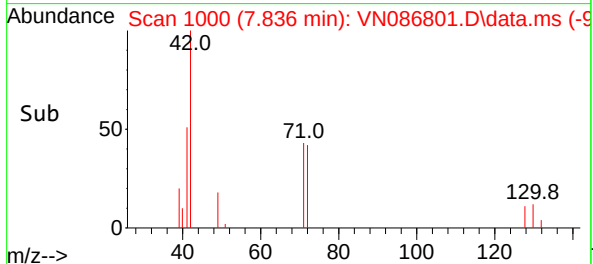
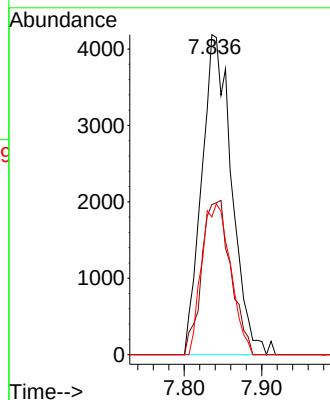
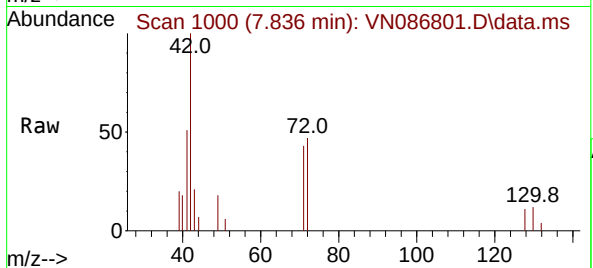
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:	42	Resp:	11254
Ion	Ratio	Lower	Upper
42	100		
72	46.9	38.7	58.1
71	45.2	36.2	54.4



#30

Chloroform

Concen: 2.563 ug/l

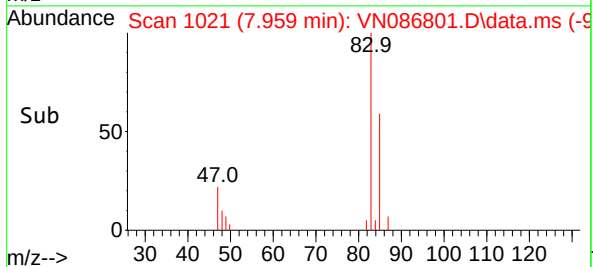
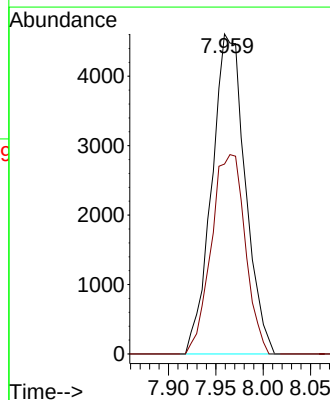
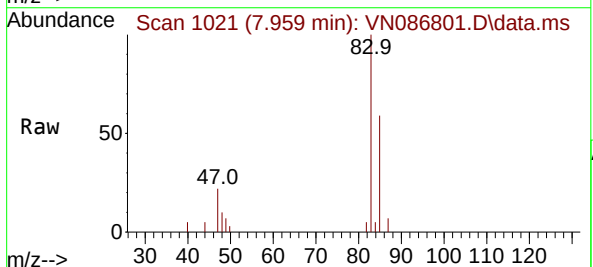
RT: 7.959 min Scan# 1021

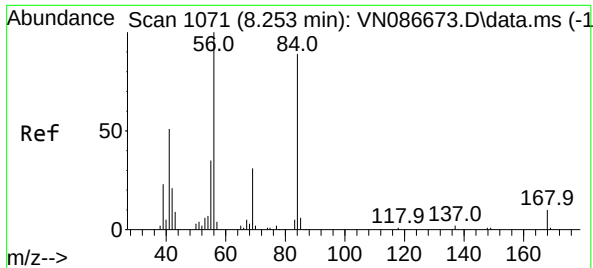
Delta R.T. -0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Tgt Ion:	83	Resp:	11300
Ion	Ratio	Lower	Upper
83	100		
85	59.3	50.2	75.4

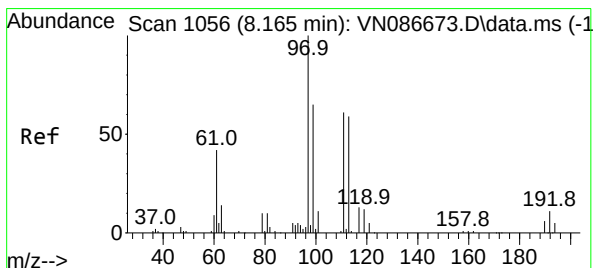
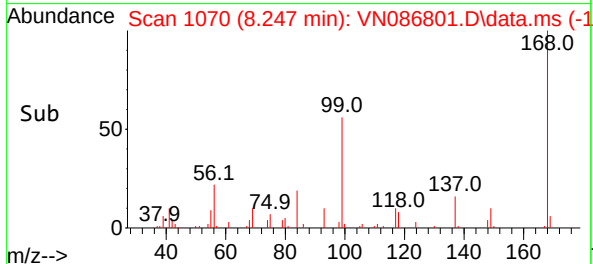
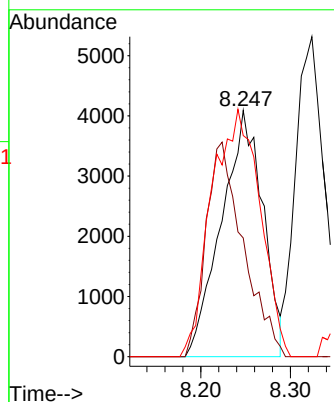
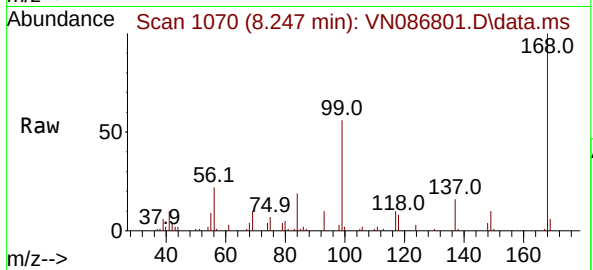




#31
Cyclohexane
Concen: 3.204 ug/l
RT: 8.247 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

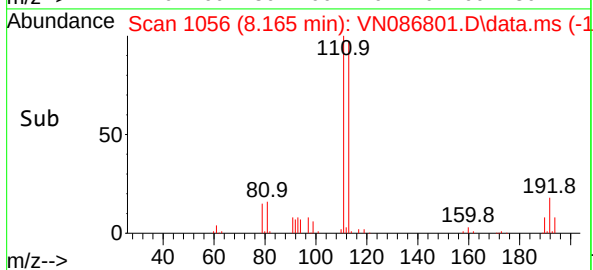
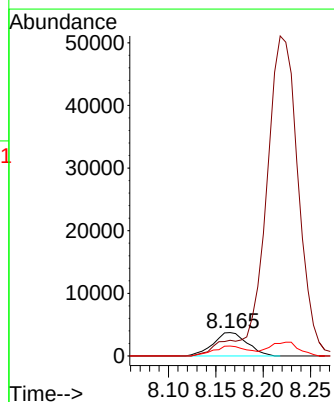
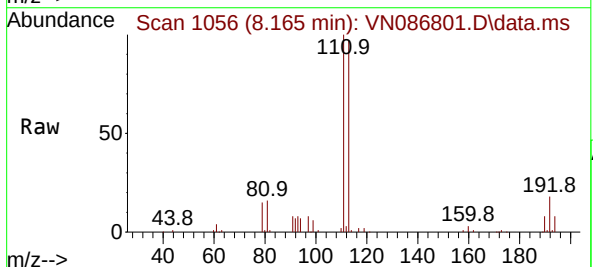
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

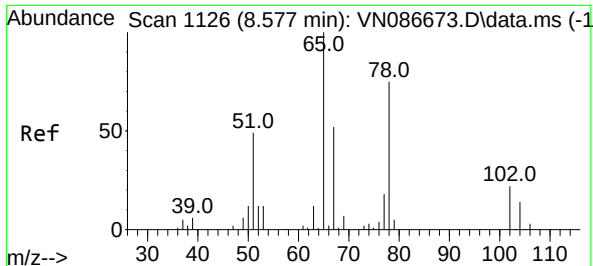
Tgt Ion: 56 Resp: 13086
Ion Ratio Lower Upper
56 100
69 48.2 25.0 37.6#
84 89.8 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 2.504 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 97 Resp: 9306
Ion Ratio Lower Upper
97 100
99 0.0 52.6 79.0#
61 43.5 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 48.635 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

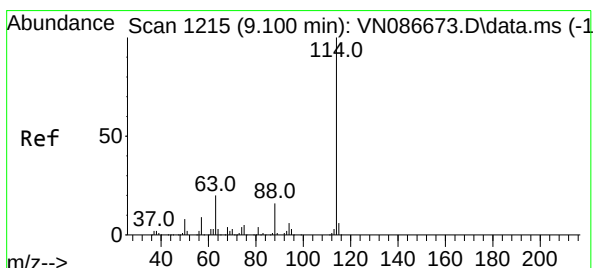
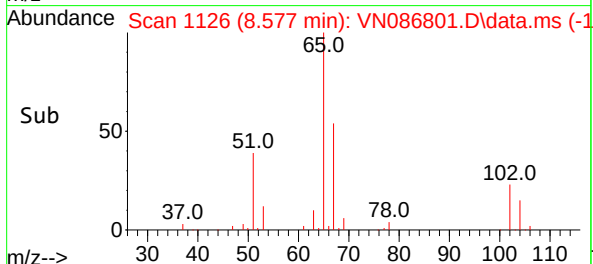
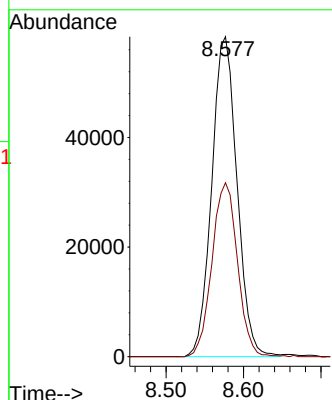
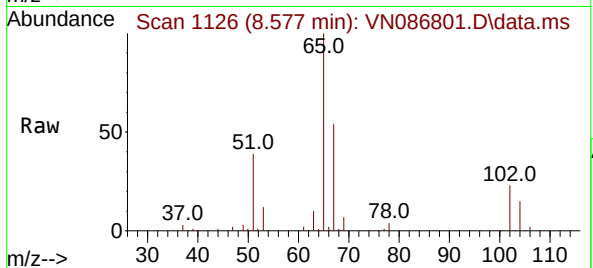
MDL-WATER-03-QT2-2025

Tgt Ion: 65 Resp: 132366

Ion Ratio Lower Upper

65 100

67 54.8 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

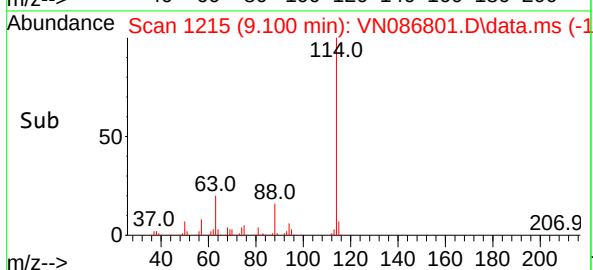
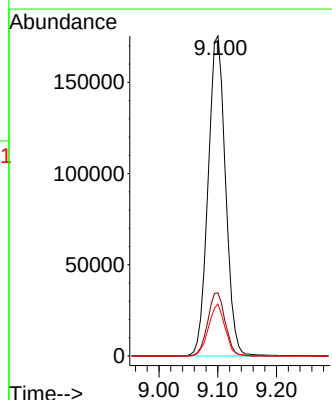
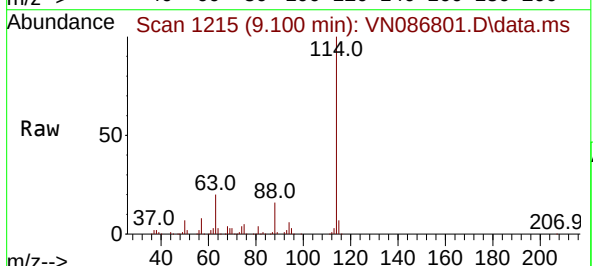
Tgt Ion: 114 Resp: 361101

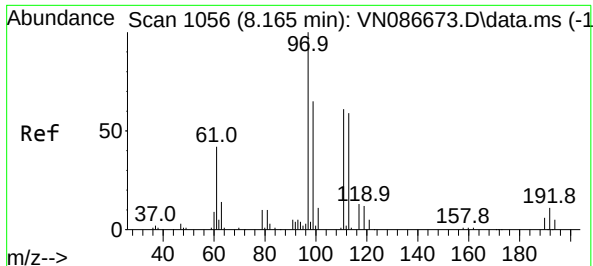
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 16.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.080 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

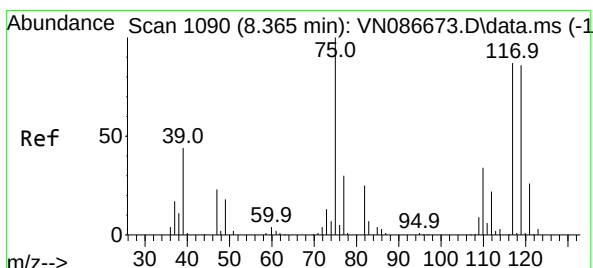
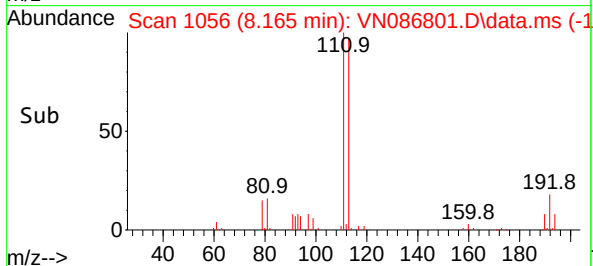
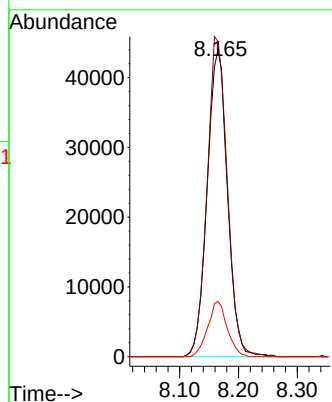
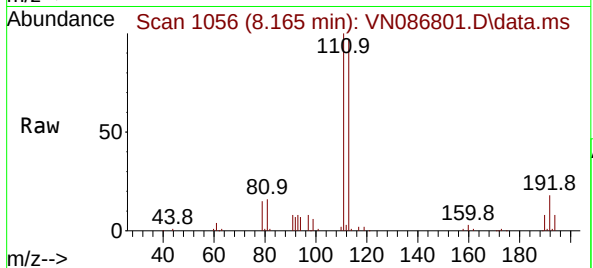
Tgt Ion:113 Resp: 105546

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 17.2 13.8 20.8



#36

1,1-Dichloropropene

Concen: 2.539 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

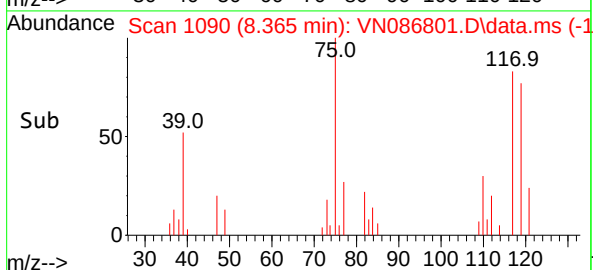
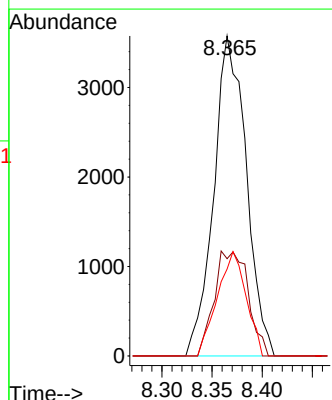
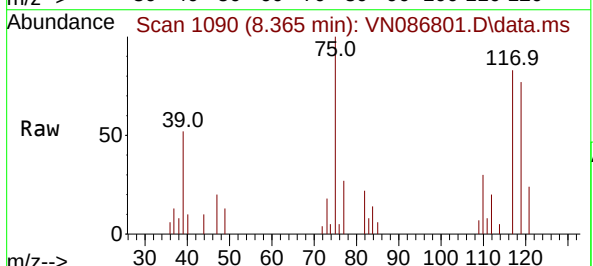
Tgt Ion: 75 Resp: 8053

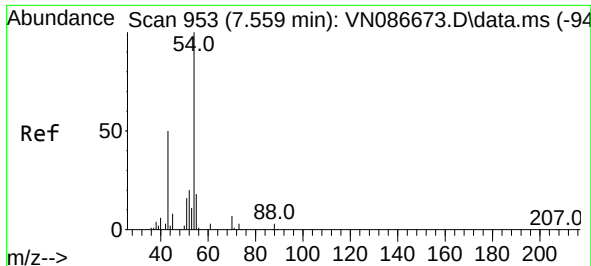
Ion Ratio Lower Upper

75 100

110 34.1 17.5 52.5

77 28.9 25.1 37.7





#37

Ethyl Acetate

Concen: 2.056 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

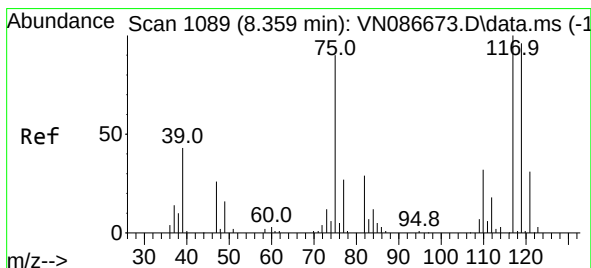
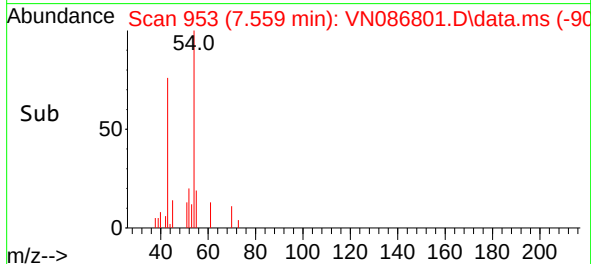
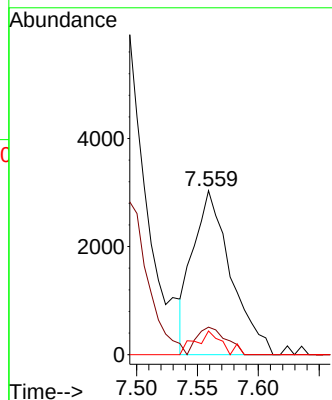
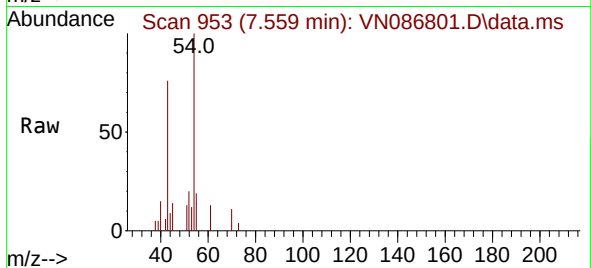
Tgt Ion: 43 Resp: 6589

Ion Ratio Lower Upper

43 100

61 12.9 11.6 17.4

70 10.2 9.4 14.0



#38

Carbon Tetrachloride

Concen: 2.539 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

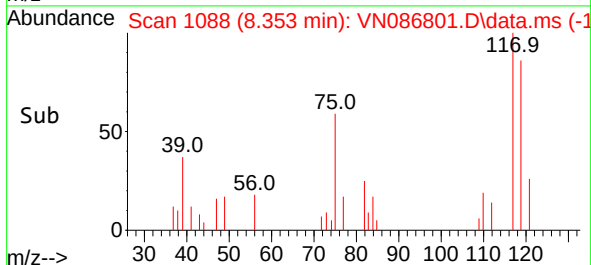
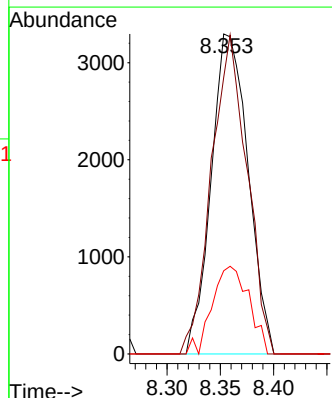
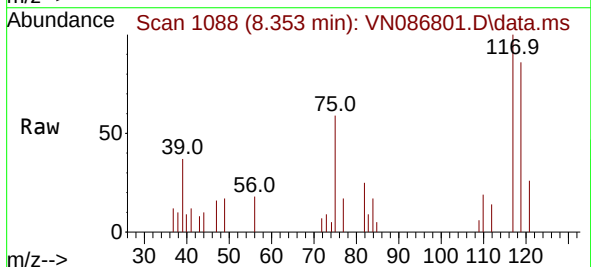
Tgt Ion: 117 Resp: 7937

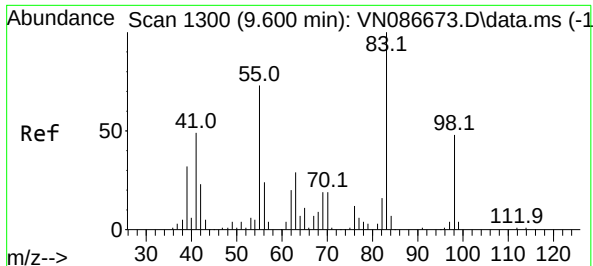
Ion Ratio Lower Upper

117 100

119 86.4 77.0 115.6

121 26.0 25.0 37.6





#39

Methylcyclohexane

Concen: 2.504 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

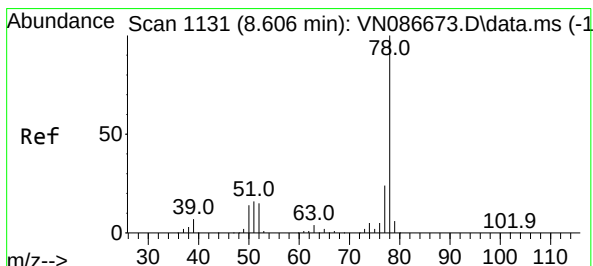
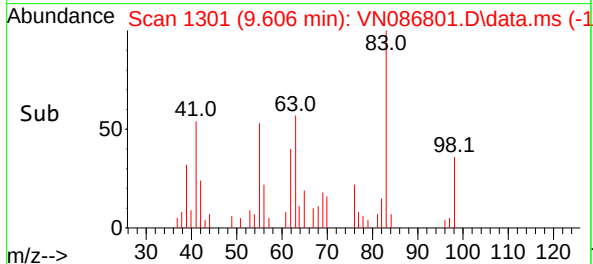
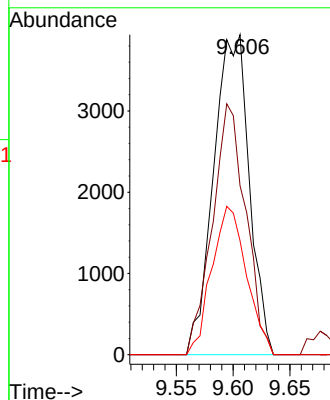
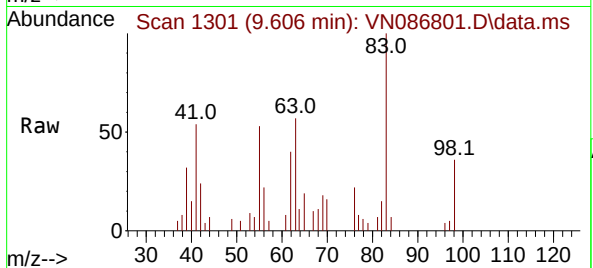
Tgt Ion: 83 Resp: 8597

Ion Ratio Lower Upper

83 100

55 52.8 58.2 87.4#

98 35.6 38.4 57.6#



#40

Benzene

Concen: 2.579 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086801.D

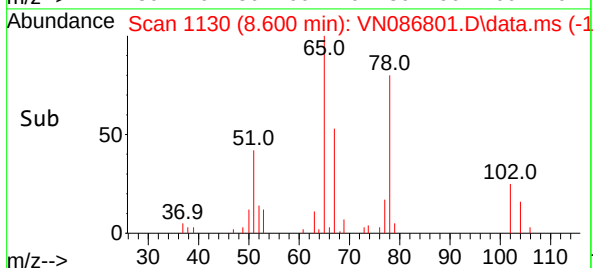
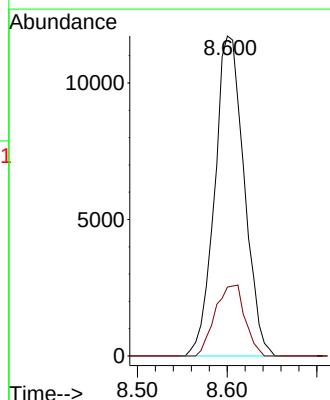
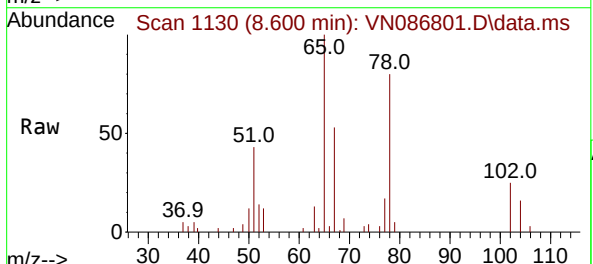
Acq: 28 May 2025 15:57

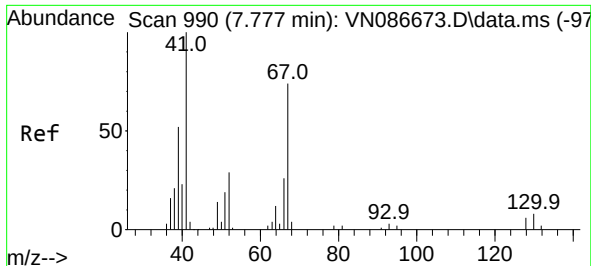
Tgt Ion: 78 Resp: 26692

Ion Ratio Lower Upper

78 100

77 21.5 19.1 28.7

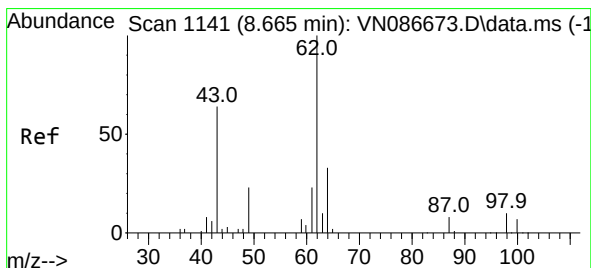
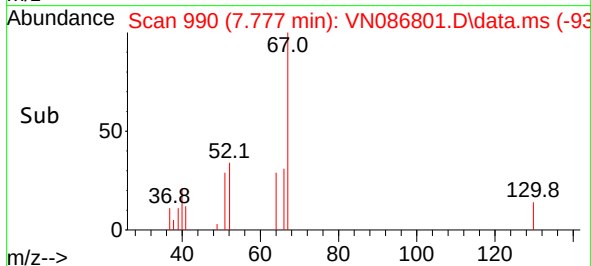
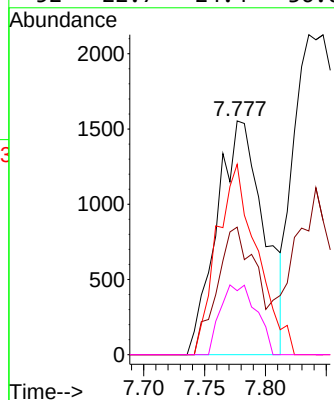
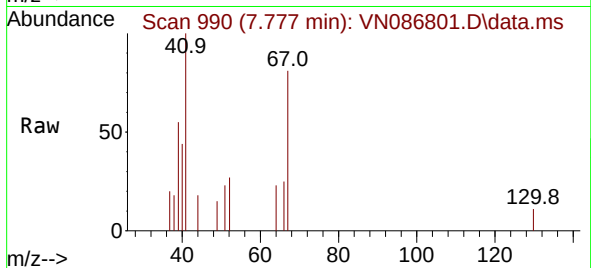




#41
Methacrylonitrile
Concen: 2.424 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

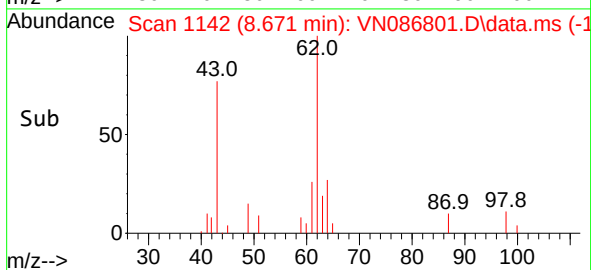
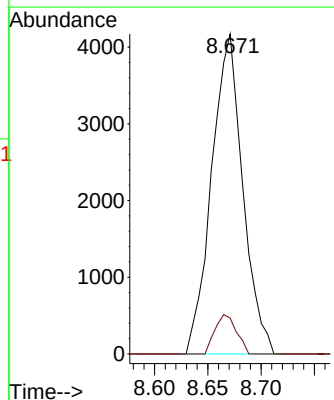
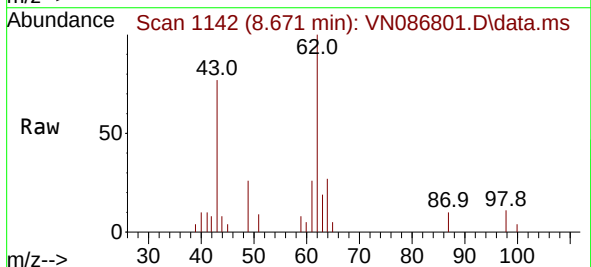
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

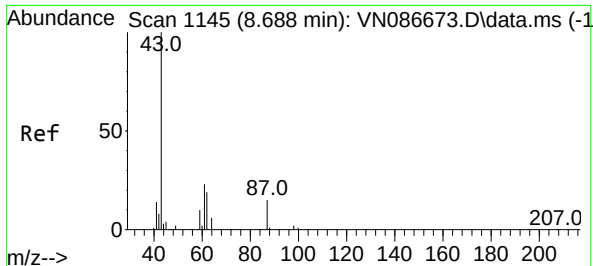
Tgt Ion:	41	Resp:	4193
Ion	Ratio	Lower	Upper
41	100		
39	47.8	44.9	67.3
67	69.2	63.4	95.0
52	22.7	24.4	36.6



#42
1,2-Dichloroethane
Concen: 2.631 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:	62	Resp:	8482
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	19.2

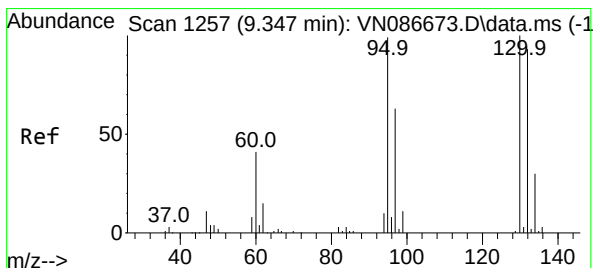
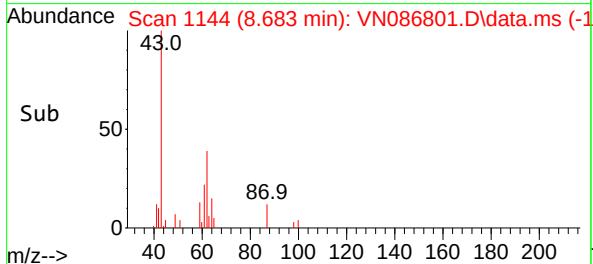
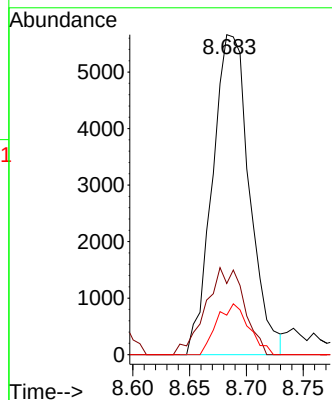
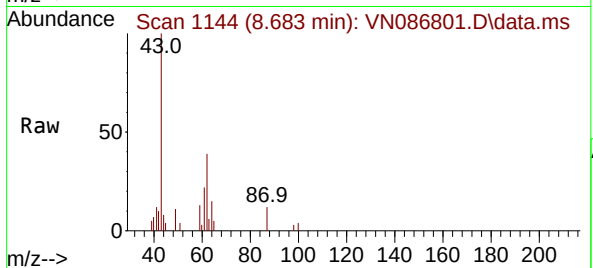




#43
Isopropyl Acetate
Concen: 2.000 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

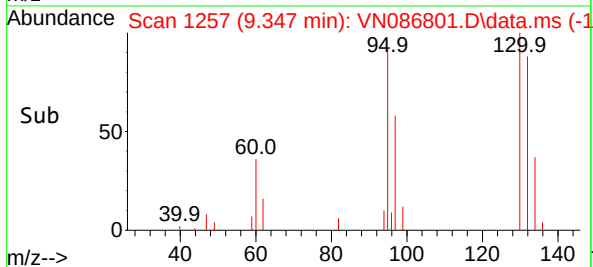
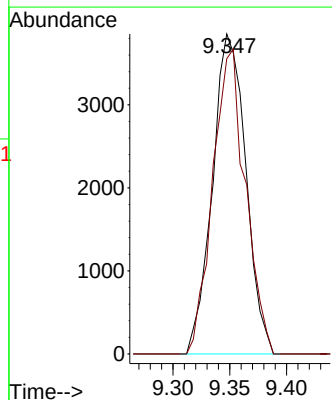
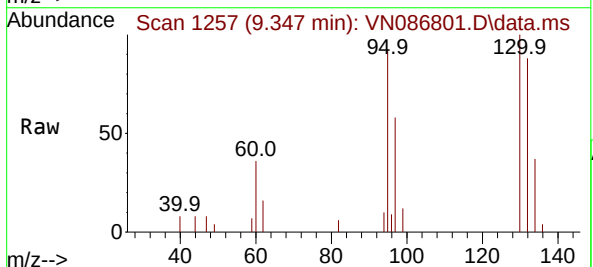
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

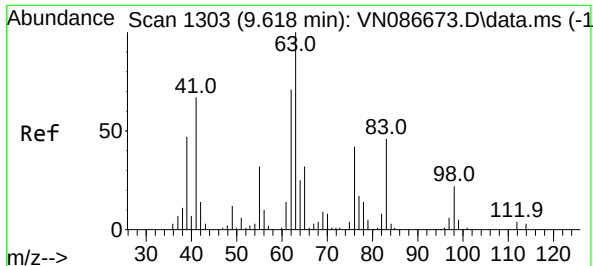
Tgt Ion:	43	Resp:	12846
Ion	Ratio	Lower	Upper
43	100		
61	28.1	21.4	32.2
87	13.8	11.1	16.7



#44
Trichloroethene
Concen: 3.154 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:	130	Resp:	7872
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	197.0





#45

1,2-Dichloropropane

Concen: 2.538 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

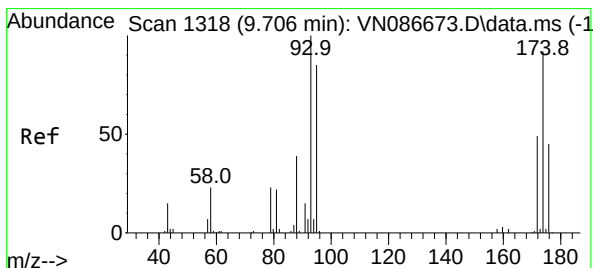
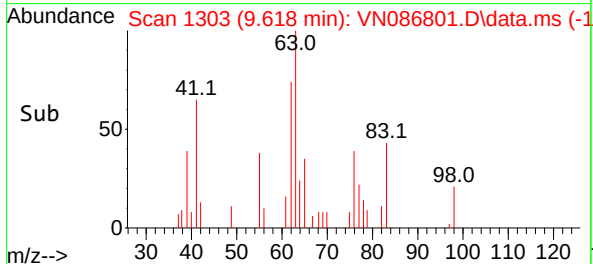
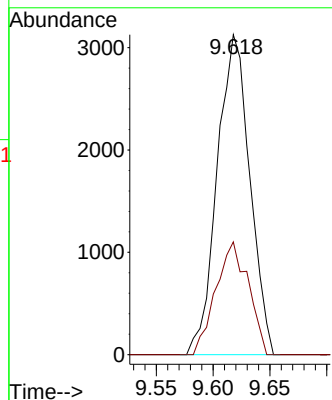
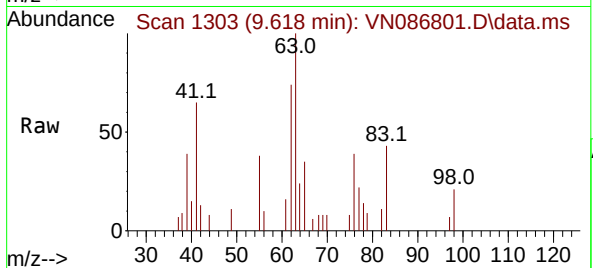
MDL-WATER-03-QT2-2025

Tgt Ion: 63 Resp: 6240

Ion Ratio Lower Upper

63 100

65 35.2 25.8 38.6



#46

Dibromomethane

Concen: 2.595 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

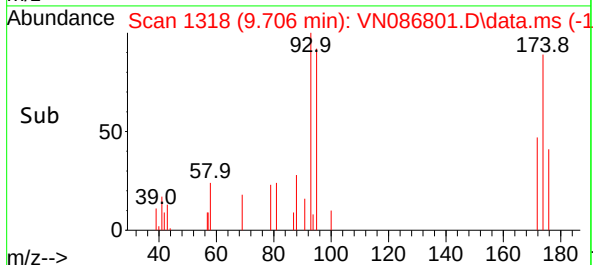
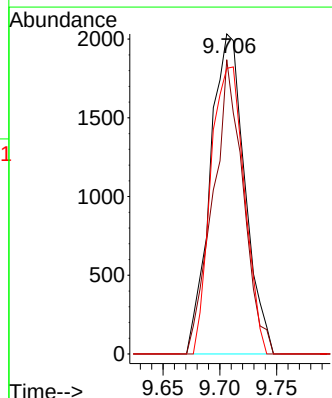
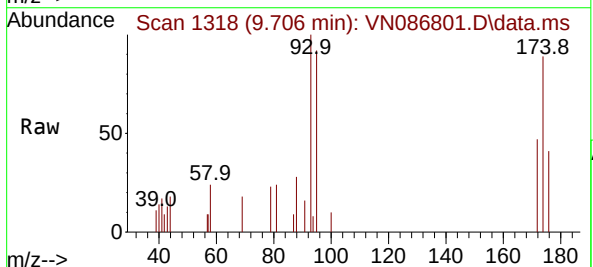
Tgt Ion: 93 Resp: 4305

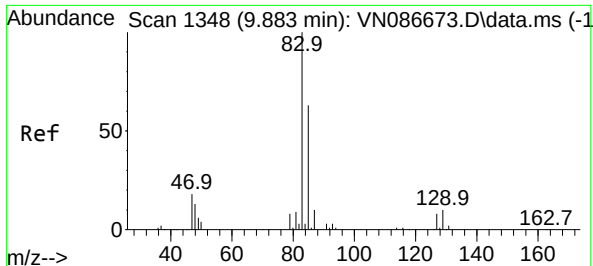
Ion Ratio Lower Upper

93 100

95 80.5 67.1 100.7

174 86.9 73.8 110.6

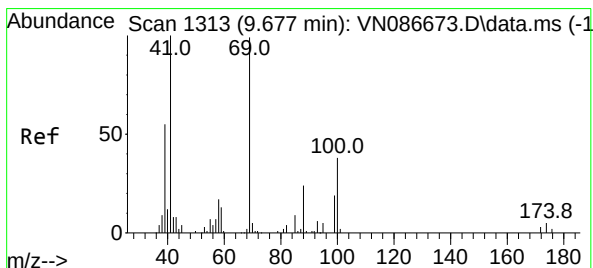
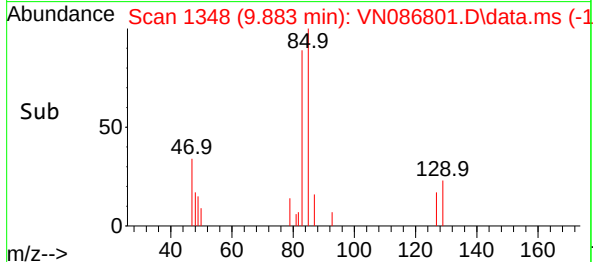
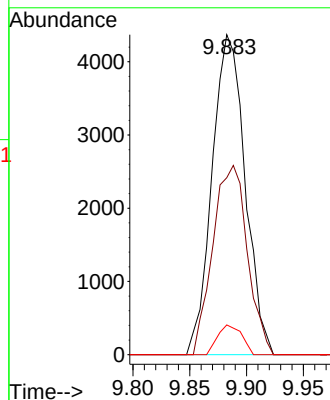
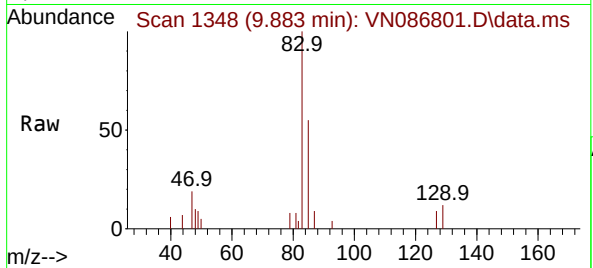




#47
Bromodichloromethane
Concen: 2.586 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

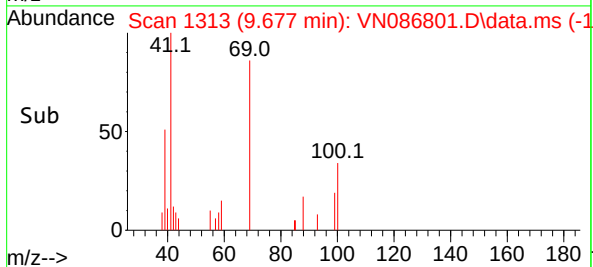
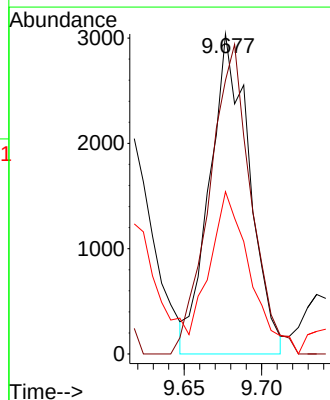
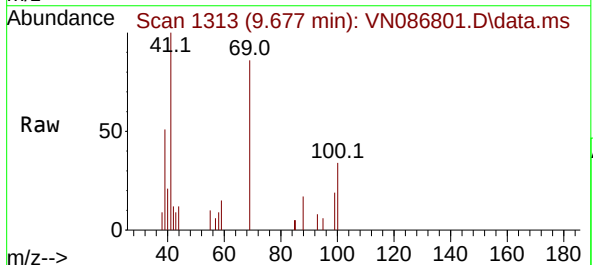
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

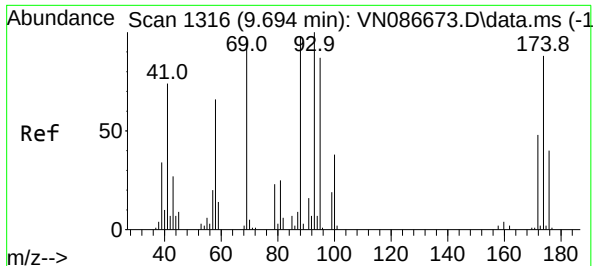
Tgt Ion: 83	Resp: 8839
Ion Ratio	Lower Upper
83 100	
85 55.3	50.1 75.1
127 9.3	6.2 9.4



#48
Methyl methacrylate
Concen: 2.176 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 41	Resp: 5416		
Ion Ratio	Lower	Upper	
41	100		
69	100.9	74.1	111.1
39	51.7	44.1	66.1





#49

1,4-Dioxane

Concen: 40.108 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

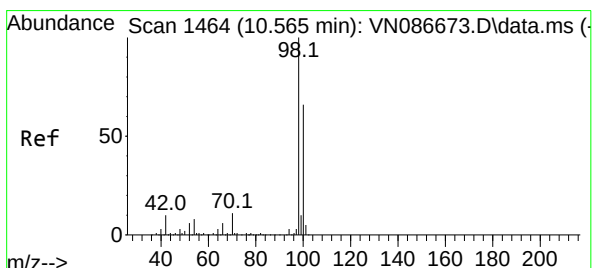
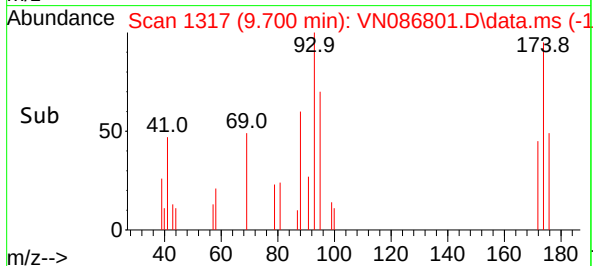
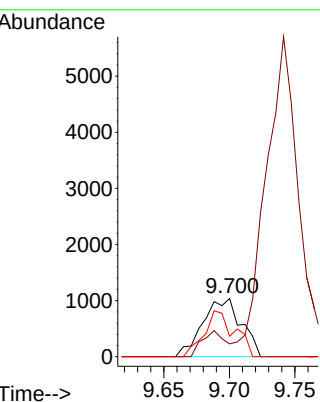
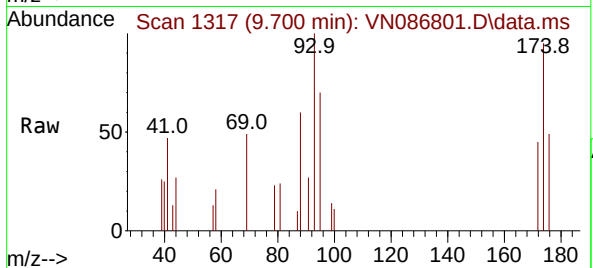
Tgt Ion: 88 Resp: 2114

Ion Ratio Lower Upper

88 100

43 27.0 23.6 35.4

58 62.3 55.3 82.9



#50

Toluene-d8

Concen: 49.693 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086801.D

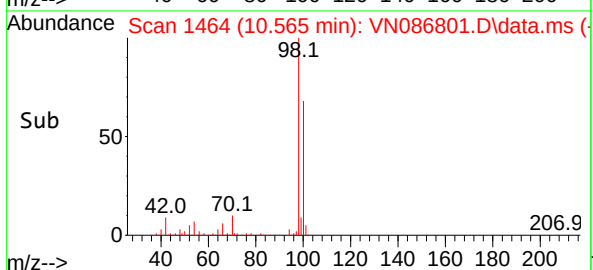
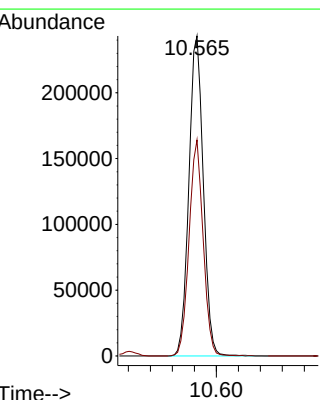
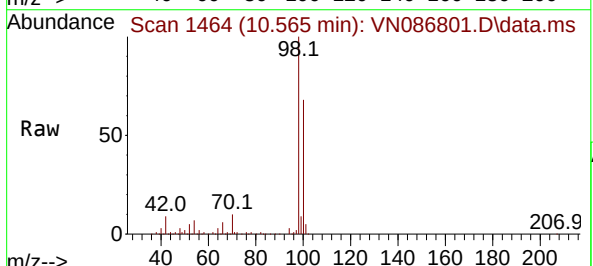
Acq: 28 May 2025 15:57

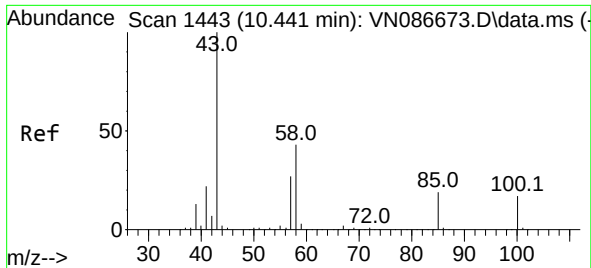
Tgt Ion: 98 Resp: 442857

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3

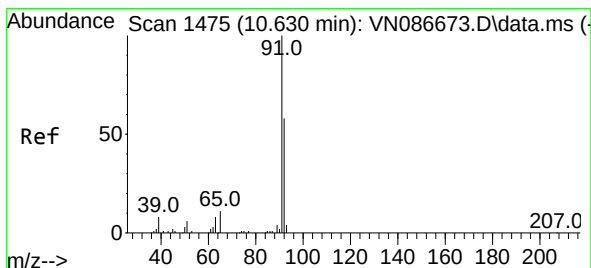
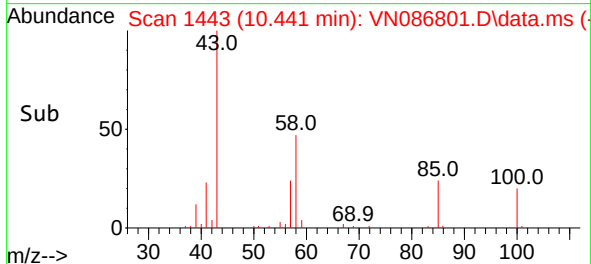
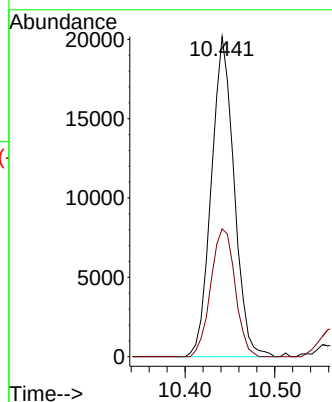
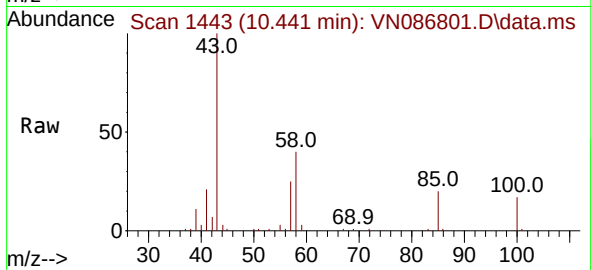




#51
4-Methyl-2-Pentanone
Concen: 10.974 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

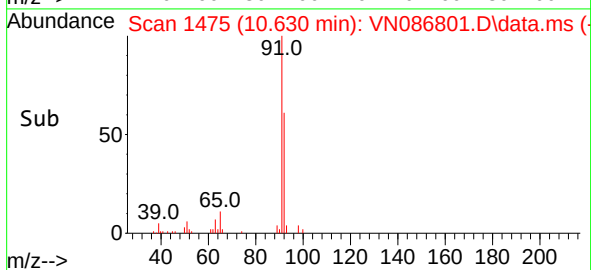
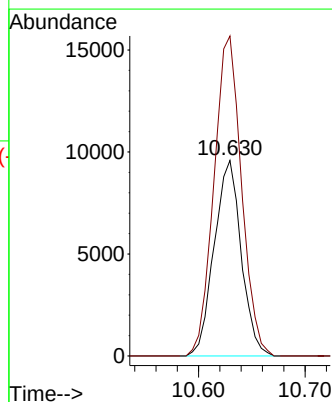
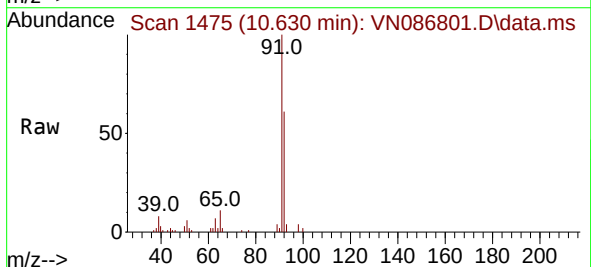
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

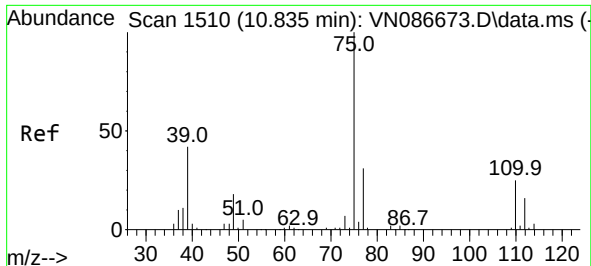
Tgt Ion: 43 Resp: 35549
Ion Ratio Lower Upper
43 100
58 42.5 33.9 50.9



#52
Toluene
Concen: 2.625 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 92 Resp: 16880
Ion Ratio Lower Upper
92 100
91 166.8 137.8 206.8

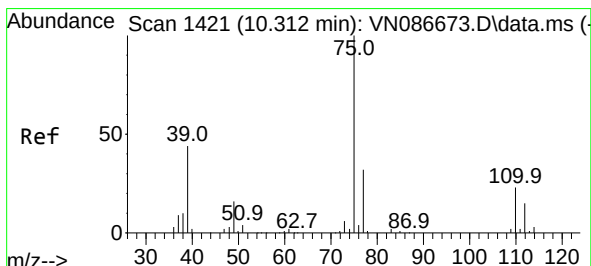
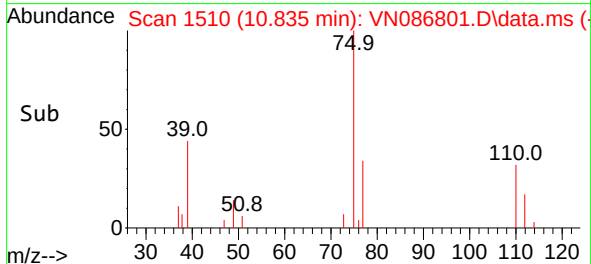
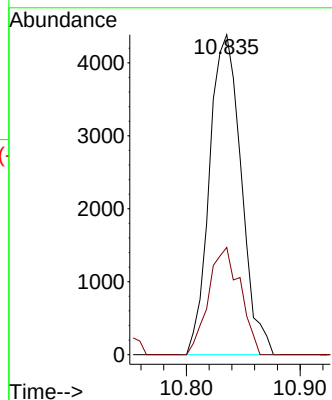
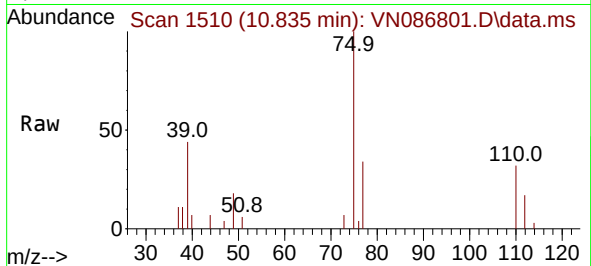




#53
t-1,3-Dichloropropene
Concen: 2.348 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

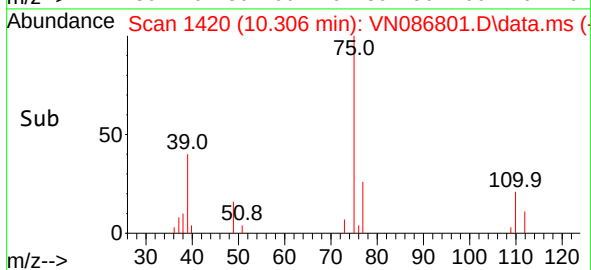
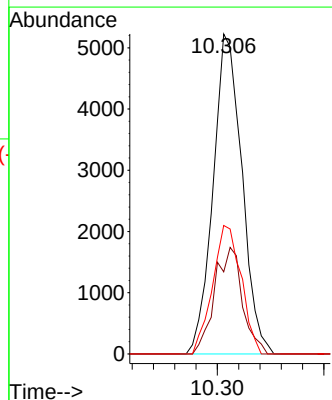
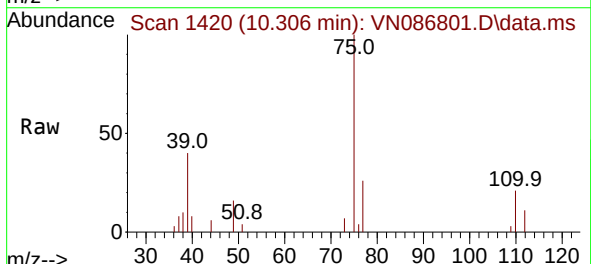
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

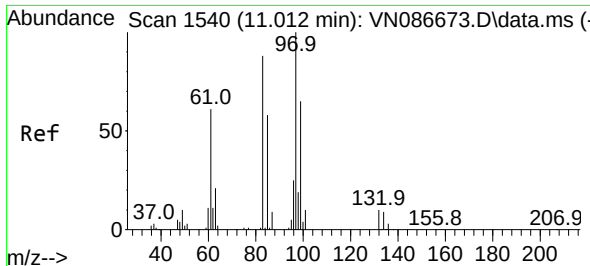
Tgt Ion: 75 Resp: 8498
Ion Ratio Lower Upper
75 100
77 33.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 2.481 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 75 Resp: 9801
Ion Ratio Lower Upper
75 100
77 25.7 25.3 37.9
39 40.1 35.2 52.8

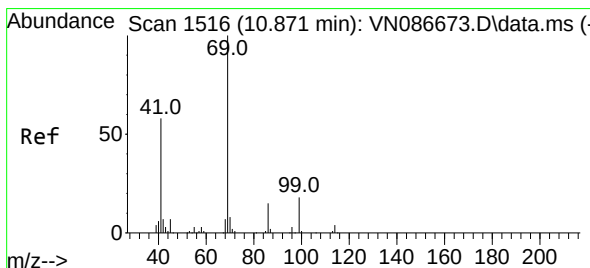
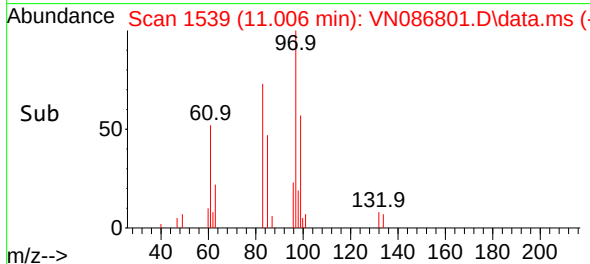
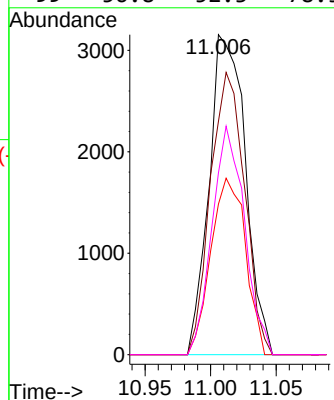
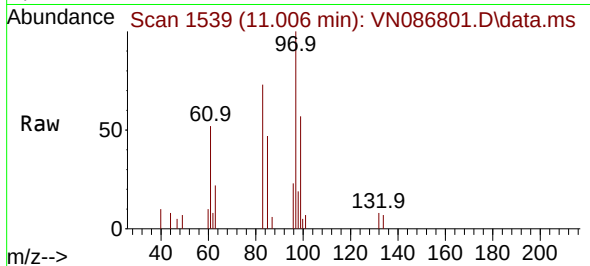




#55
1,1,2-Trichloroethane
Concen: 2.526 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

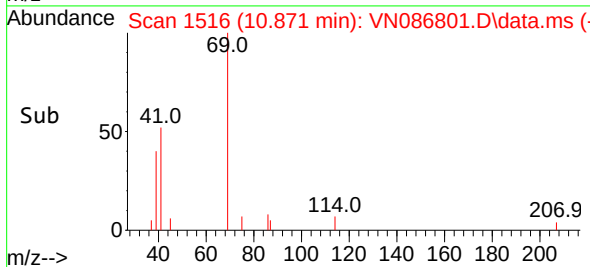
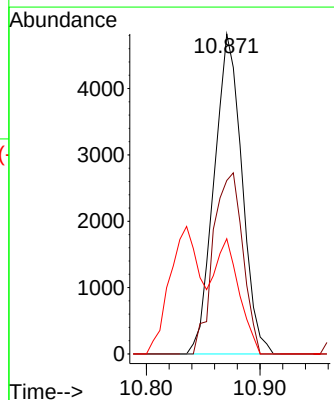
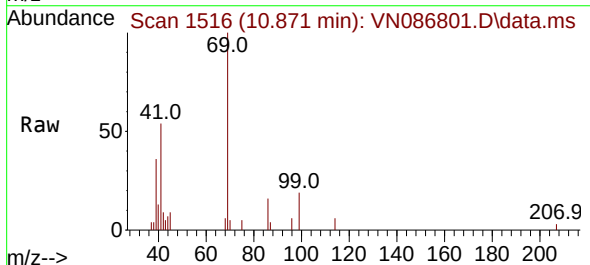
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

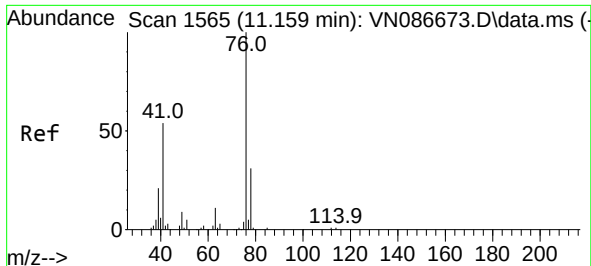
Tgt Ion:	97	Resp:	6060
Ion	Ratio	Lower	Upper
97	100		
83	72.9	70.4	105.6
85	47.1	46.1	69.1
99	56.8	52.3	78.5



#56
Ethyl methacrylate
Concen: 2.131 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:	69	Resp:	8209
Ion	Ratio	Lower	Upper
69	100		
41	60.1	47.4	71.0
39	31.9	24.0	36.0





#57

1,3-Dichloropropane

Concen: 2.468 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

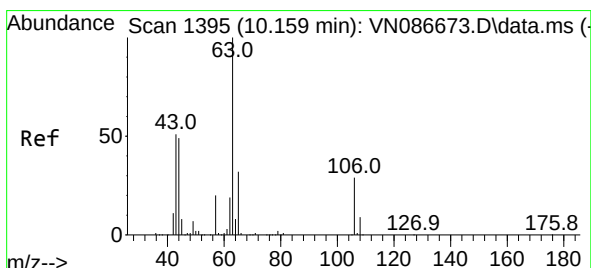
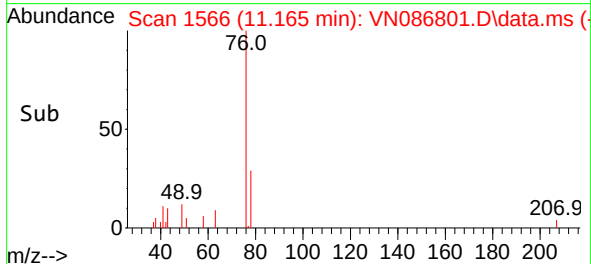
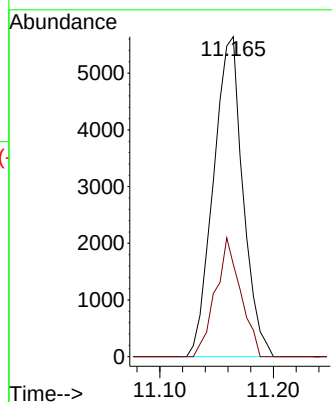
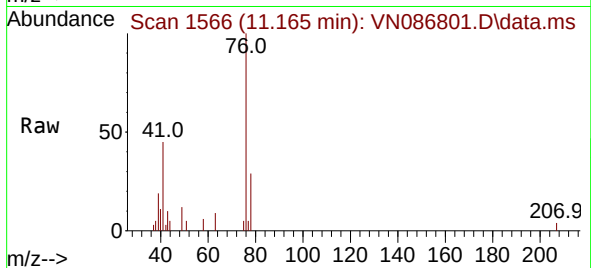
MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 10201

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 11.503 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086801.D

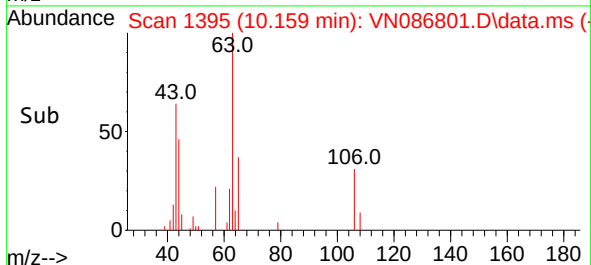
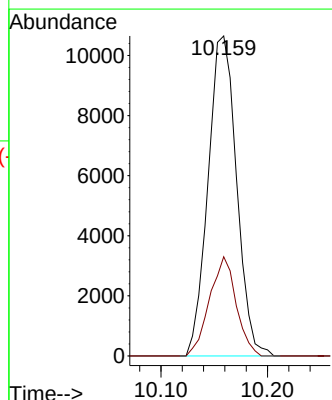
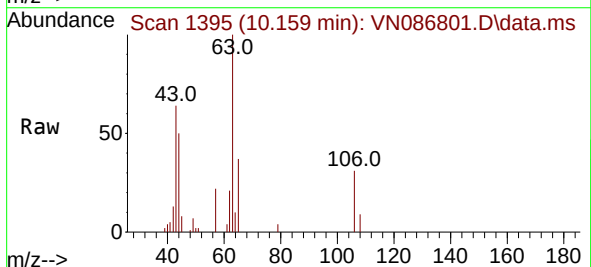
Acq: 28 May 2025 15:57

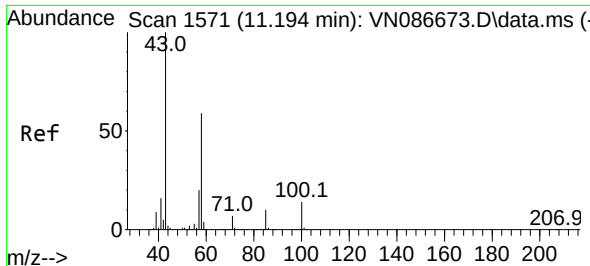
Tgt Ion: 63 Resp: 19804

Ion Ratio Lower Upper

63 100

106 29.0 23.1 34.7

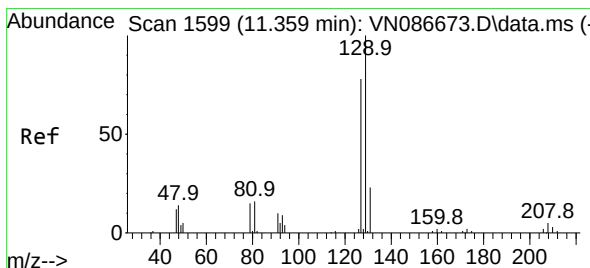
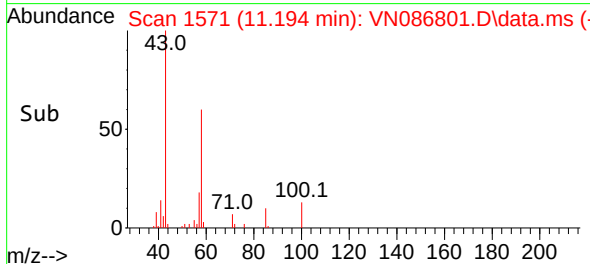
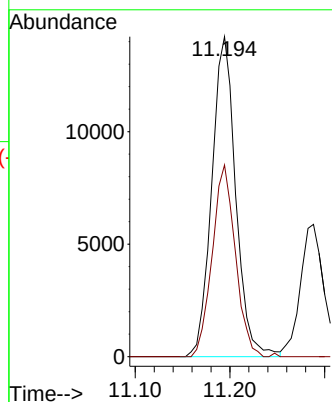
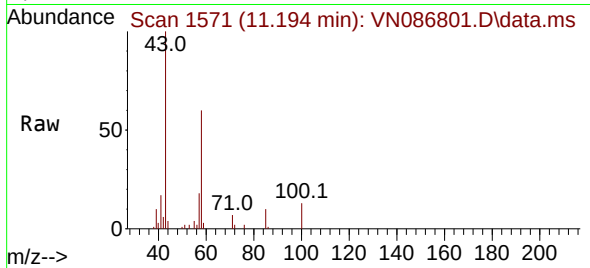




#59
2-Hexanone
Concen: 10.567 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

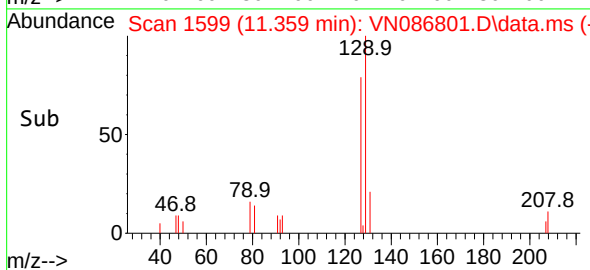
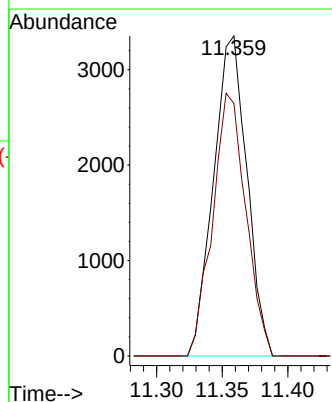
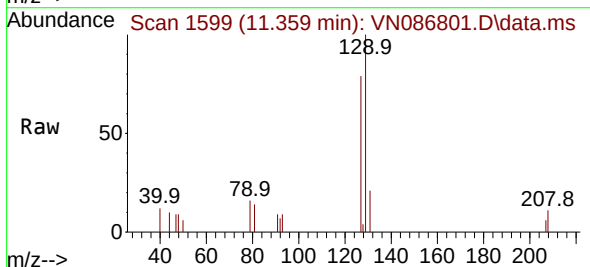
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

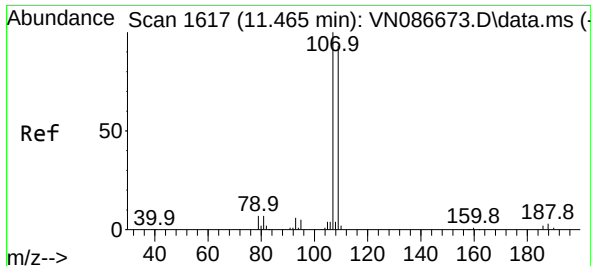
Tgt Ion: 43 Resp: 24998
Ion Ratio Lower Upper
43 100
58 57.8 29.8 89.5



#60
Dibromochloromethane
Concen: 2.360 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 129 Resp: 5935
Ion Ratio Lower Upper
129 100
127 81.7 39.5 118.3

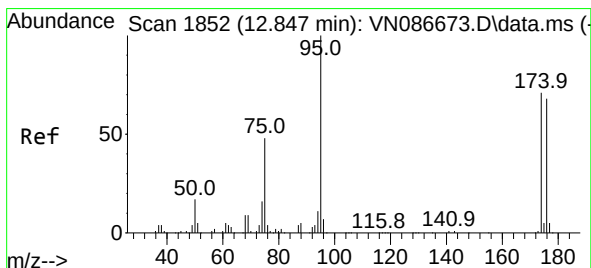
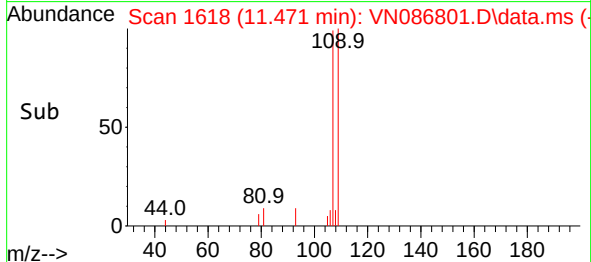
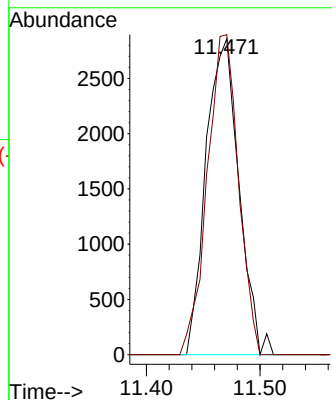
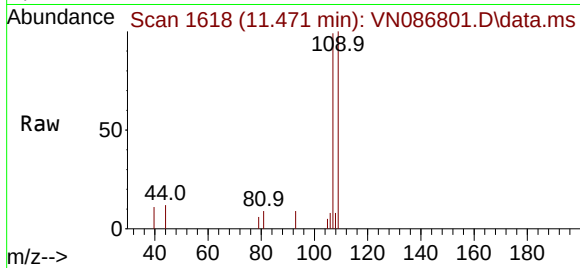




#61
1,2-Dibromoethane
Concen: 2.388 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

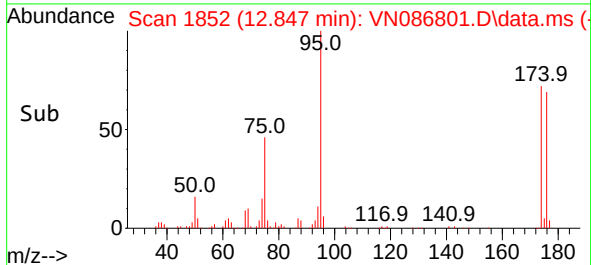
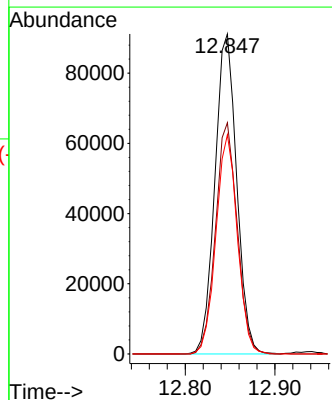
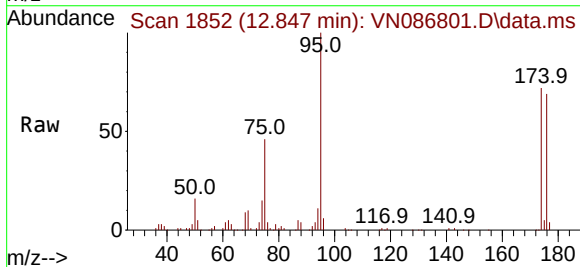
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

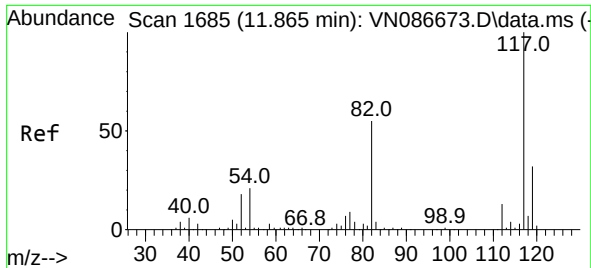
Tgt Ion:107 Resp: 5757
Ion Ratio Lower Upper
107 100
109 95.8 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 48.853 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 95 Resp: 153725
Ion Ratio Lower Upper
95 100
174 72.0 0.0 145.4
176 67.1 0.0 137.8

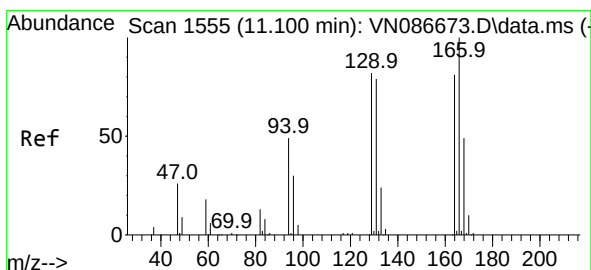
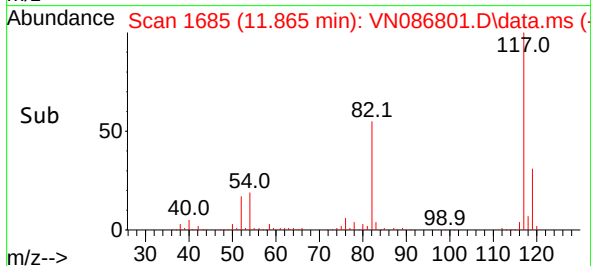
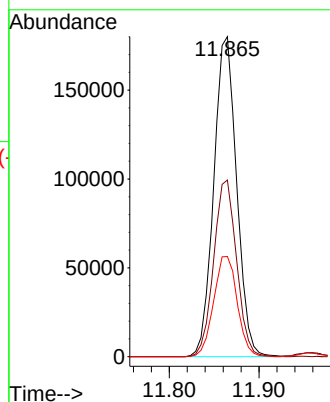
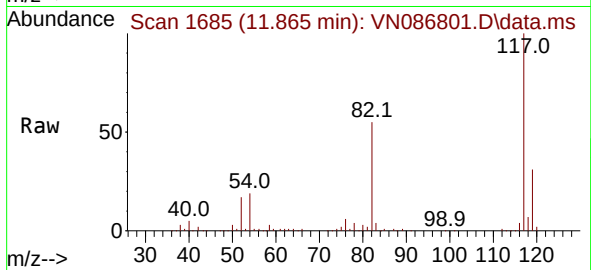




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

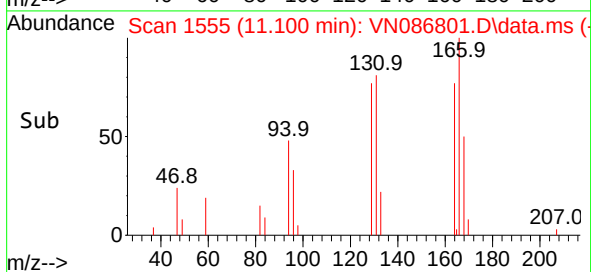
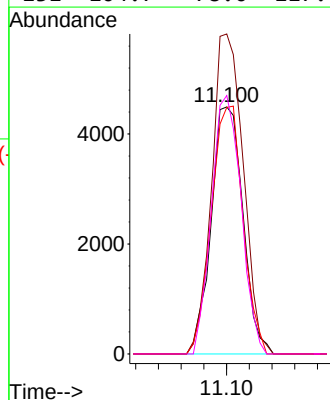
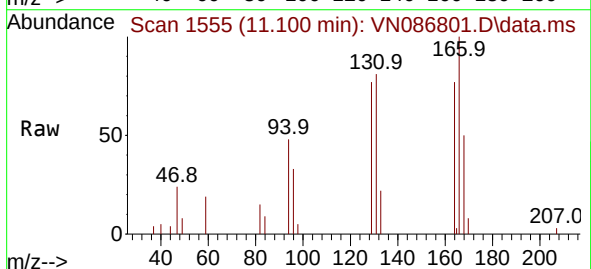
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

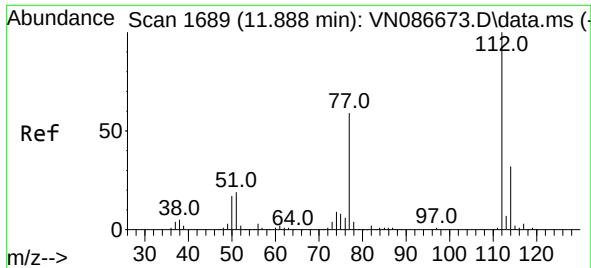
Tgt Ion:117 Resp: 318952
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.3 25.4 38.2



#64
Tetrachloroethene
Concen: 3.561 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:164 Resp: 8701
Ion Ratio Lower Upper
164 100
166 129.6 98.2 147.4
129 99.8 81.0 121.4
131 104.7 78.0 117.0

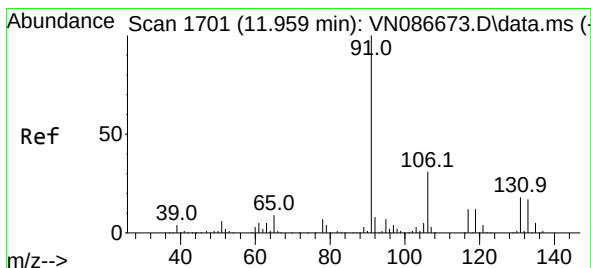
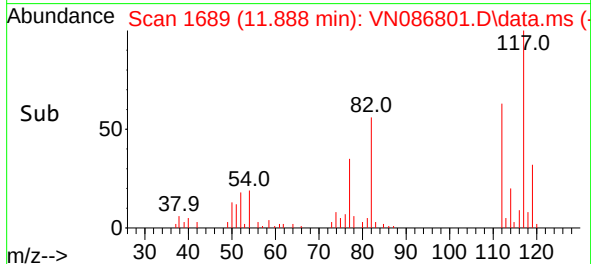
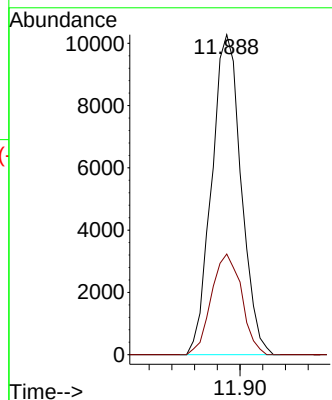
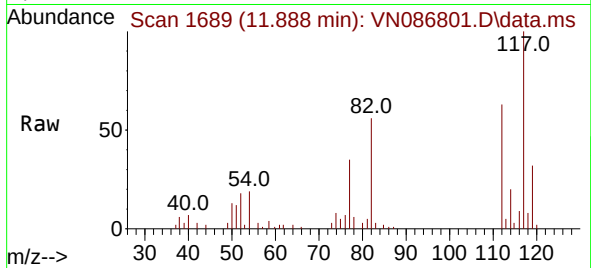




#65
Chlorobenzene
Concen: 2.651 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

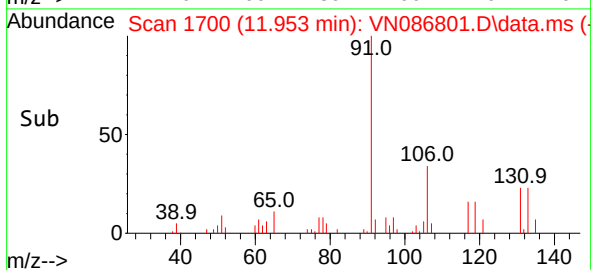
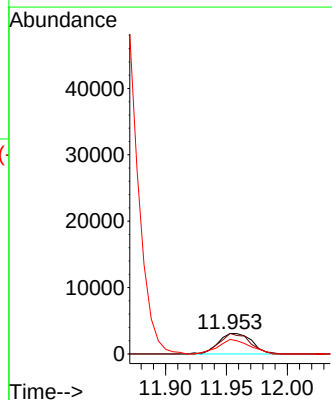
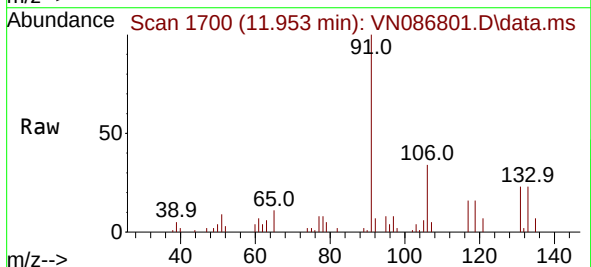
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

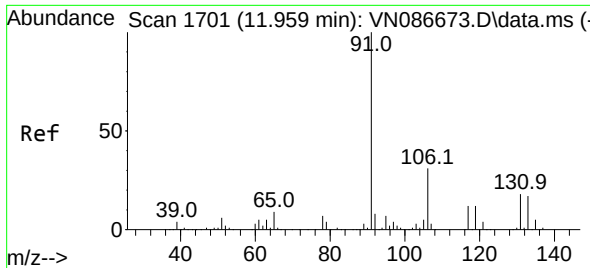
Tgt Ion:112 Resp: 18538
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 2.597 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:131 Resp: 5863
Ion Ratio Lower Upper
131 100
133 92.9 47.9 143.7
119 66.6 33.6 100.8

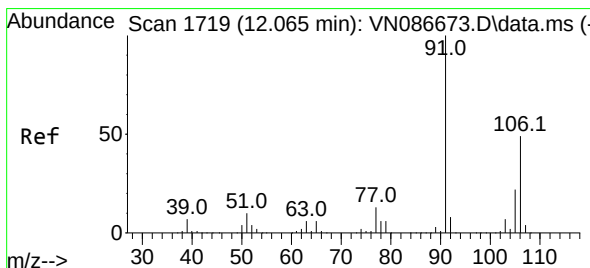
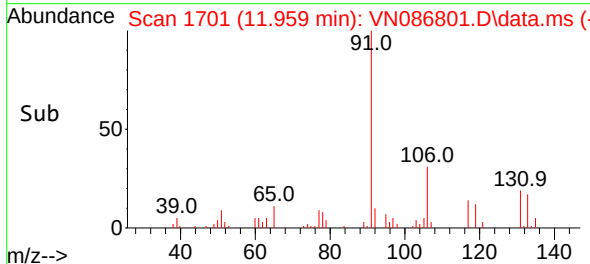
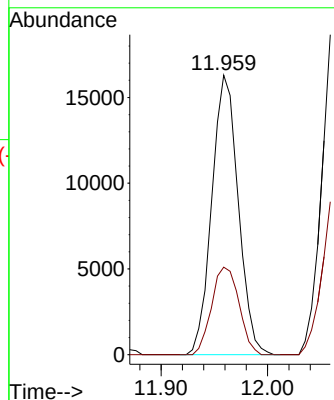
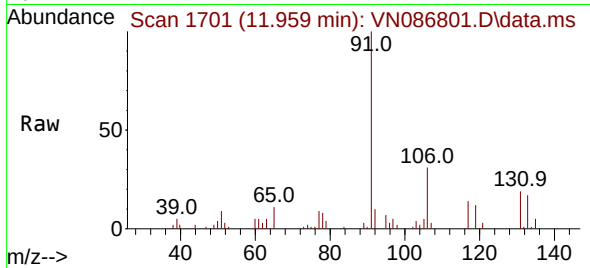




#67
Ethyl Benzene
Concen: 2.343 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

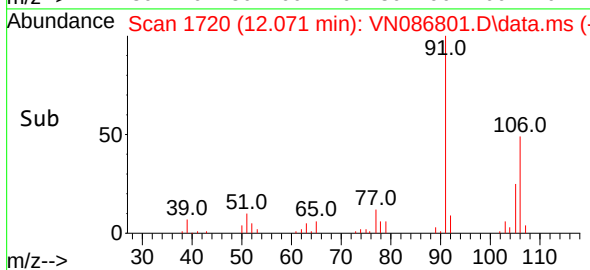
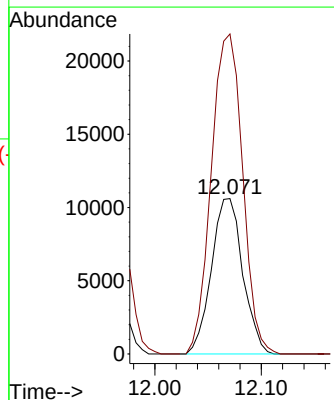
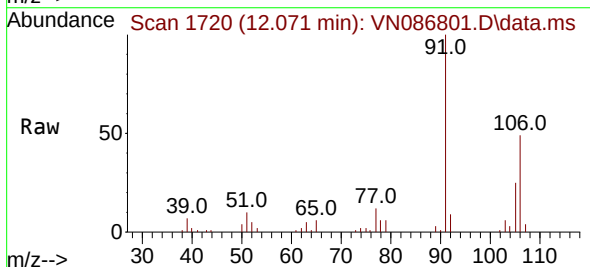
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

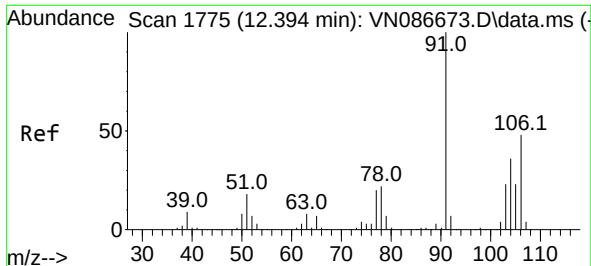
Tgt Ion: 91 Resp: 28066
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 4.776 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:106 Resp: 21669
Ion Ratio Lower Upper
106 100
91 205.9 162.4 243.6

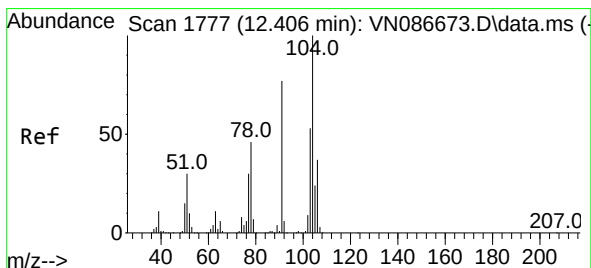
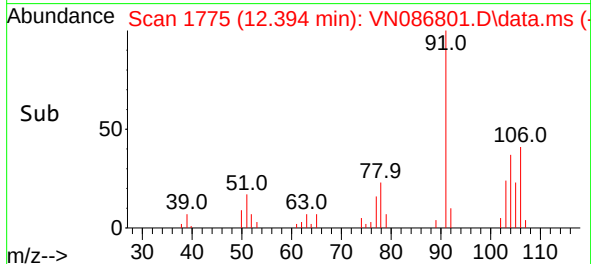
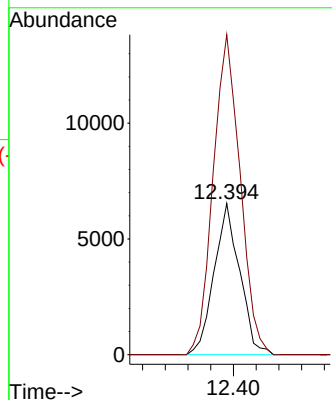
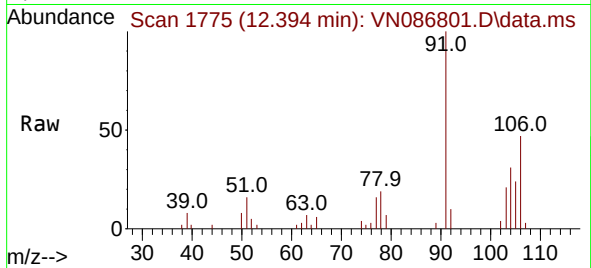




#69
o-Xylene
Concen: 2.266 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

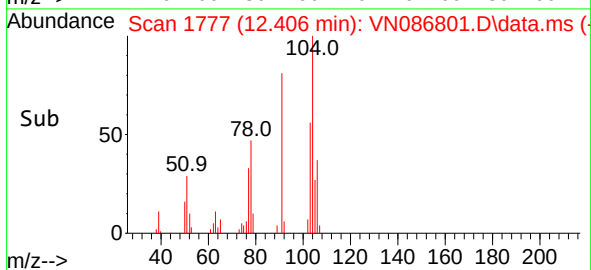
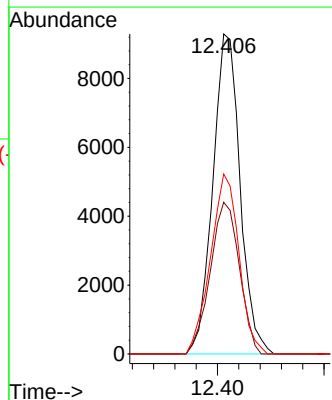
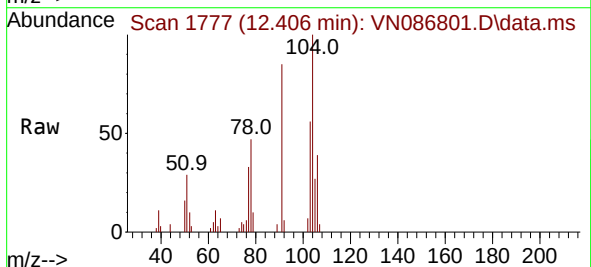
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

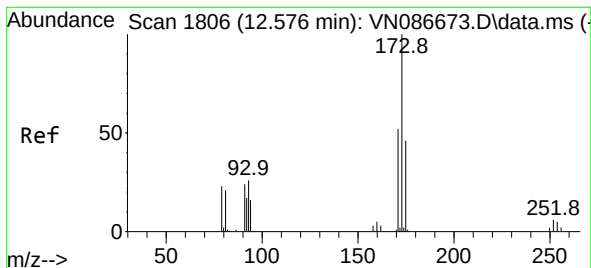
Tgt Ion:106 Resp: 10221
Ion Ratio Lower Upper
106 100
91 223.2 105.1 315.1



#70
Styrene
Concen: 2.234 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:104 Resp: 16496
Ion Ratio Lower Upper
104 100
78 50.7 39.0 58.6
103 58.6 43.8 65.8





#71

Bromoform

Concen: 2.565 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

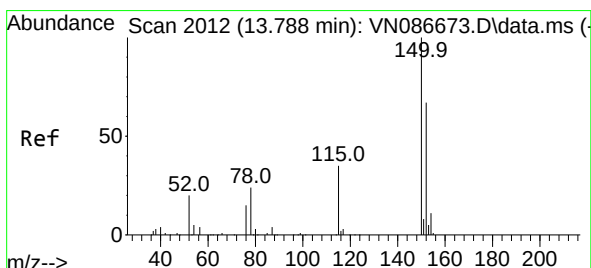
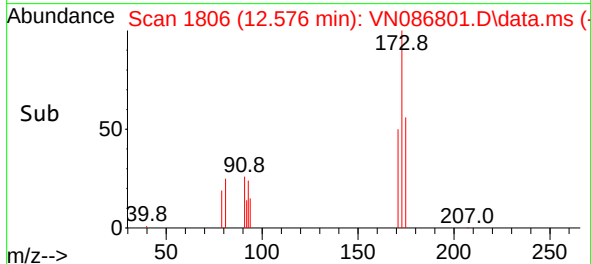
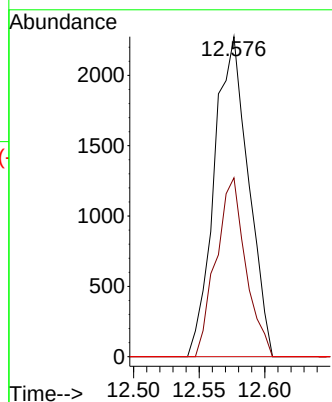
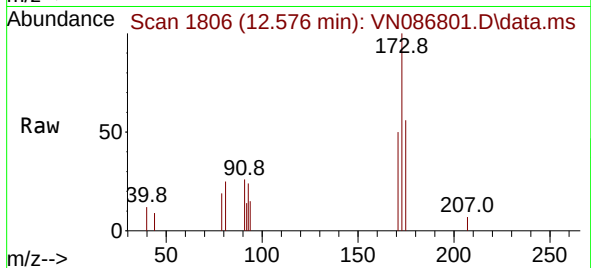
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:173	Resp:	4118
Ion Ratio	Lower	Upper
173	100	
175	48.6	23.4 70.2
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

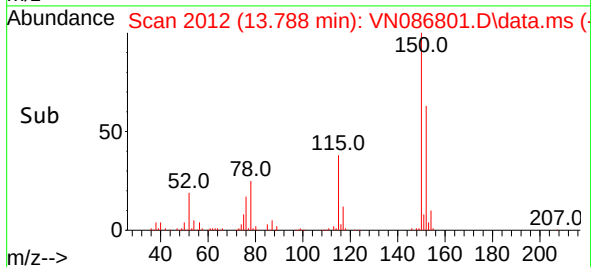
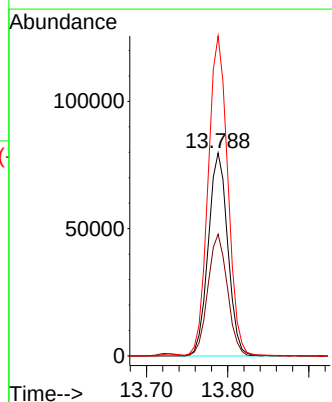
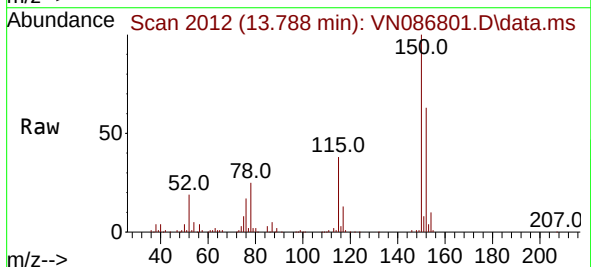
RT: 13.788 min Scan# 2012

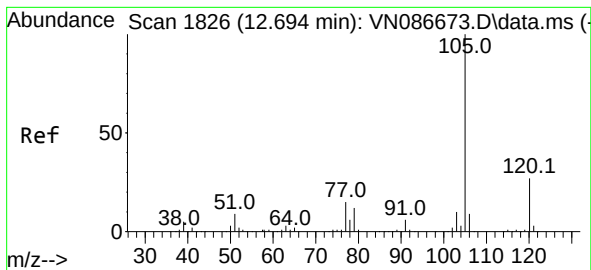
Delta R.T. -0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Tgt Ion:152	Resp:	132762
Ion Ratio	Lower	Upper
152	100	
115	60.2	30.0 90.1
150	159.4	0.0 347.8





#73

Isopropylbenzene

Concen: 2.368 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

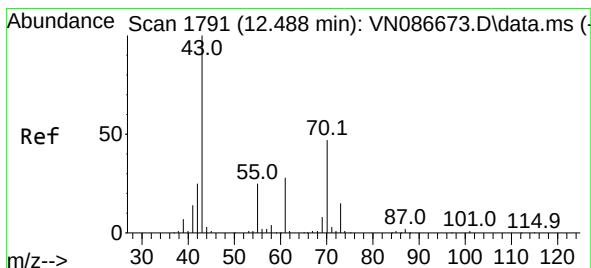
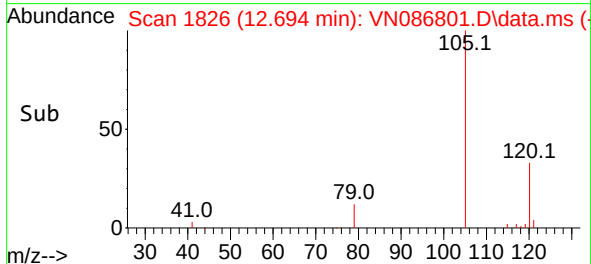
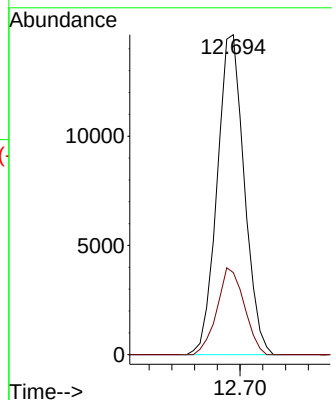
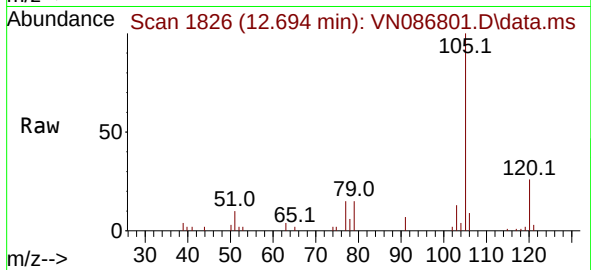
MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 24283

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 2.063 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Tgt Ion: 43 Resp: 8838

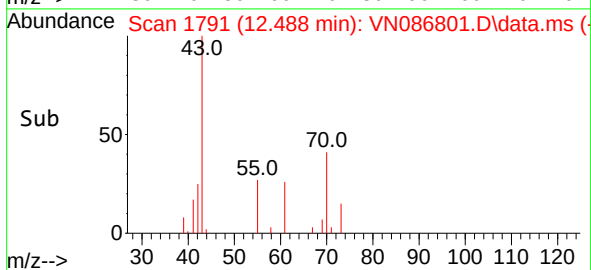
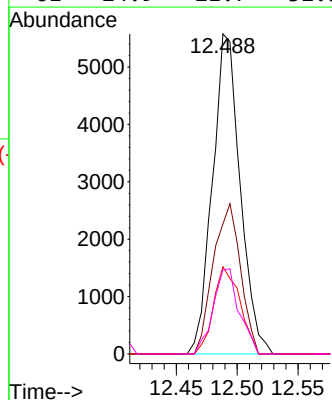
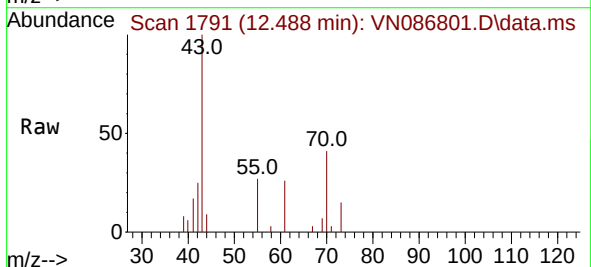
Ion Ratio Lower Upper

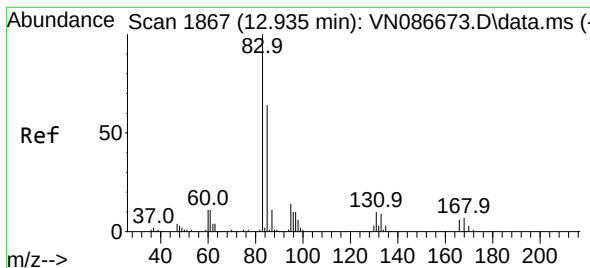
43 100

70 46.1 37.9 56.9

55 26.0 20.5 30.7

61 24.9 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 1.912 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

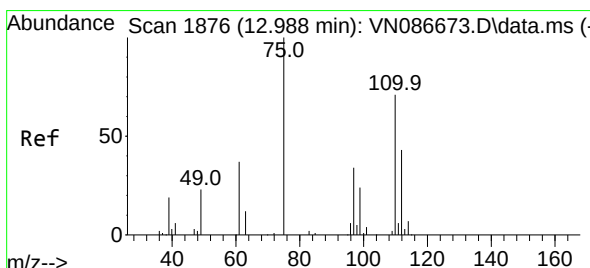
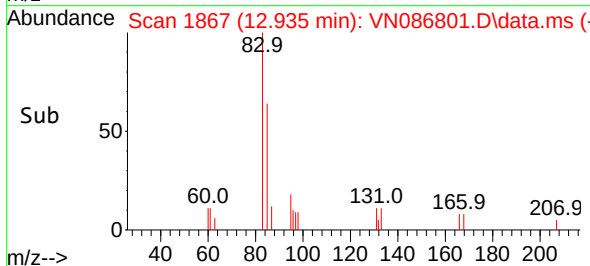
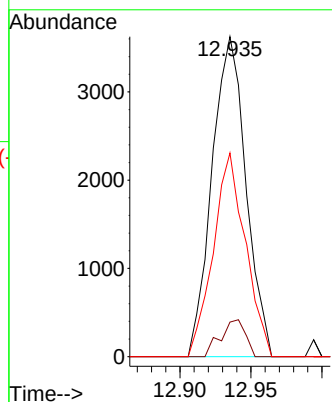
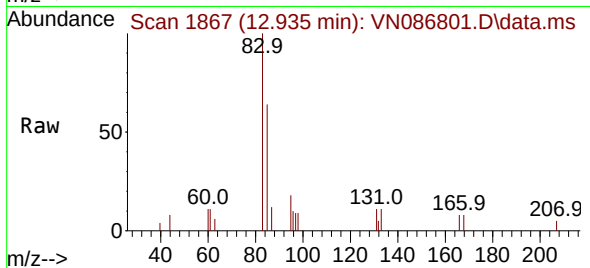
Tgt Ion: 83 Resp: 6023

Ion Ratio Lower Upper

83 100

131 8.4 5.0 15.0

85 60.4 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 3.660 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN086801.D

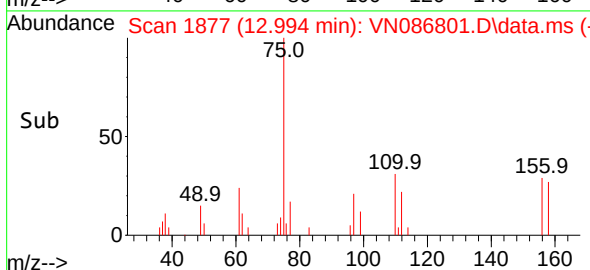
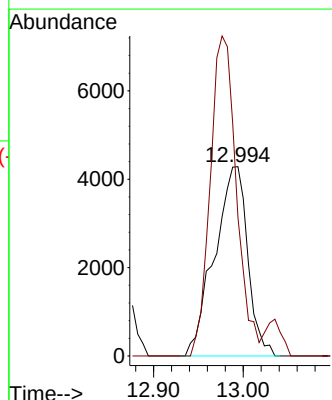
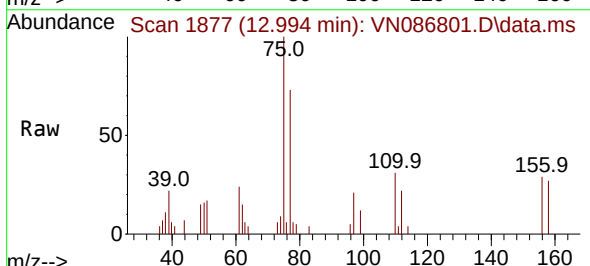
Acq: 28 May 2025 15:57

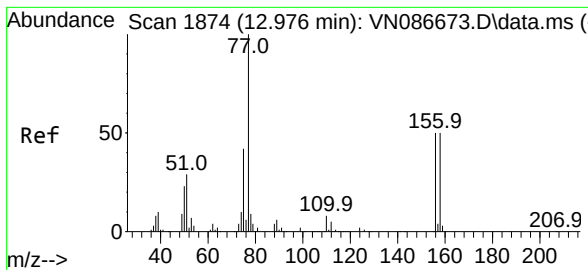
Tgt Ion: 75 Resp: 10988

Ion Ratio Lower Upper

75 100

77 133.7 96.0 288.1

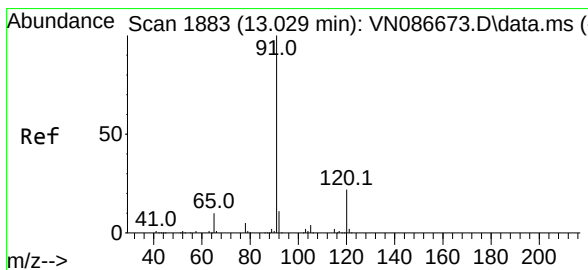
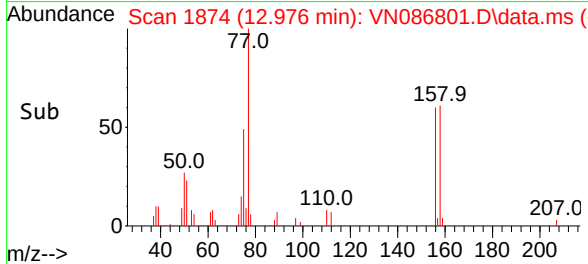
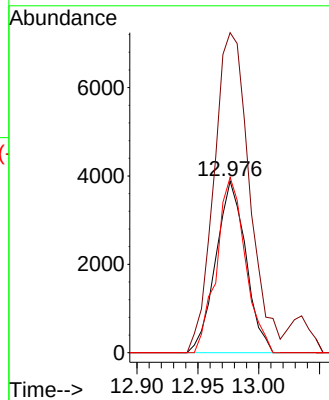
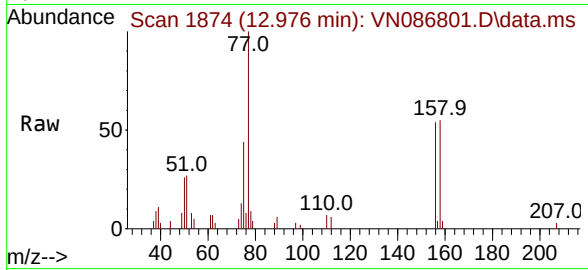




#77
Bromobenzene
Concen: 2.586 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

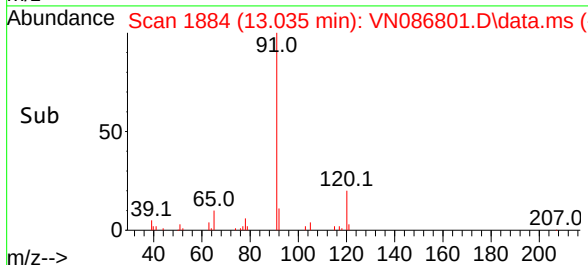
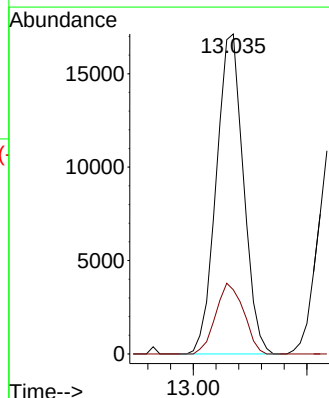
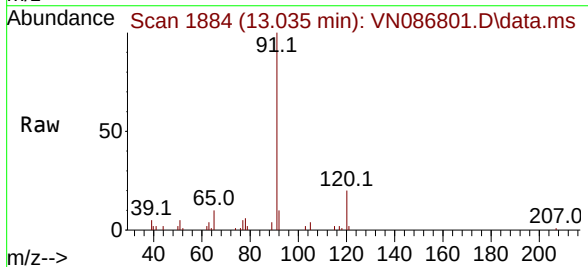
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

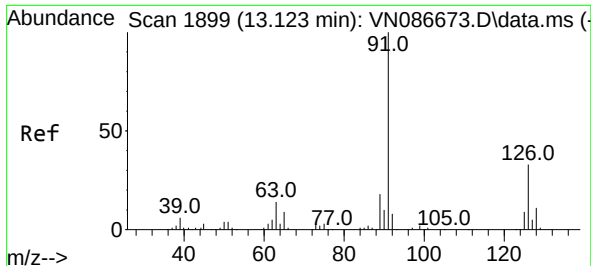
Tgt Ion:156 Resp: 6669
Ion Ratio Lower Upper
156 100
77 220.3 113.1 339.2
158 98.2 48.6 145.9



#78
n-propylbenzene
Concen: 2.414 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 91 Resp: 28402
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.1

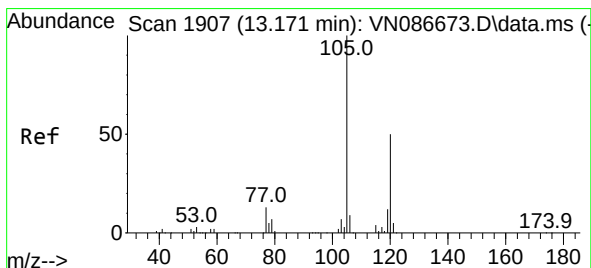
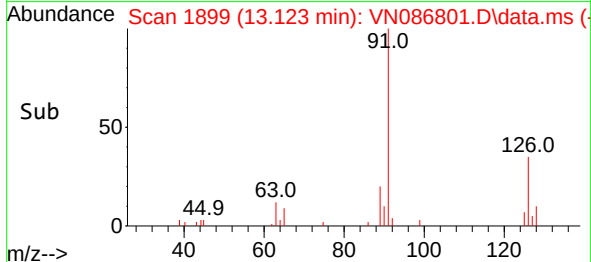
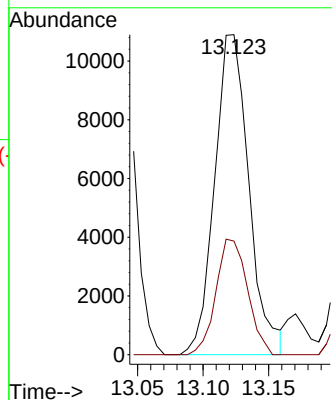
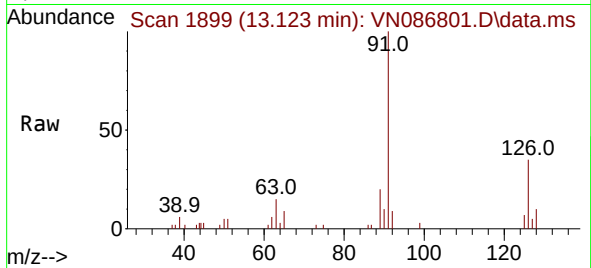




#79
2-Chlorotoluene
Concen: 2.592 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

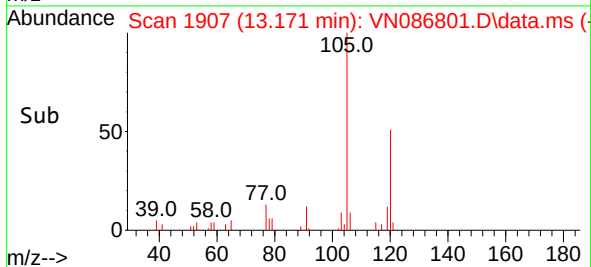
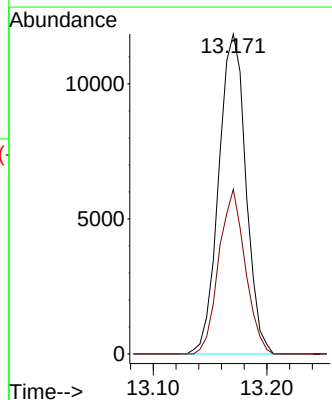
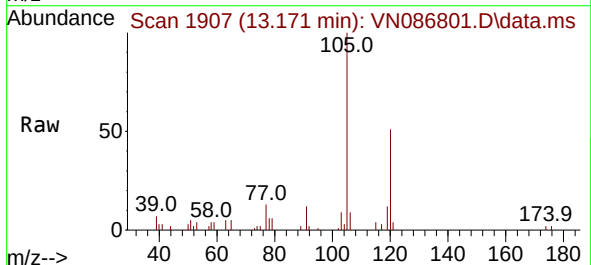
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

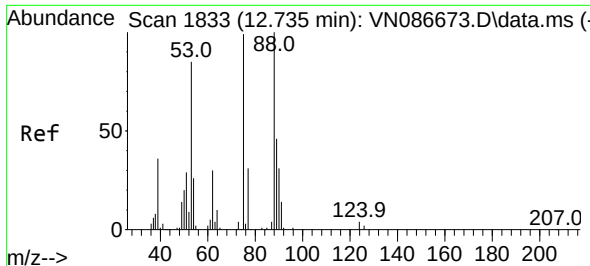
Tgt Ion: 91 Resp: 19829
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 2.390 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion: 105 Resp: 19632
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6

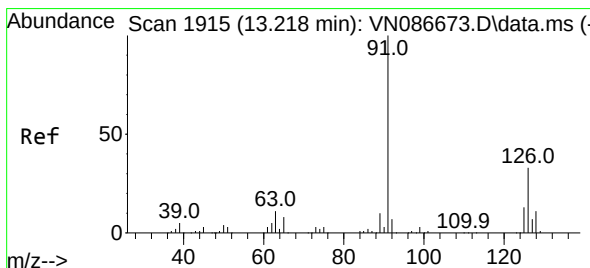
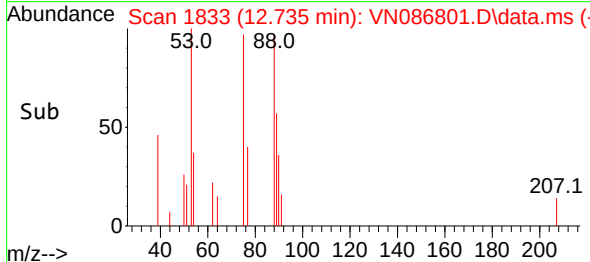
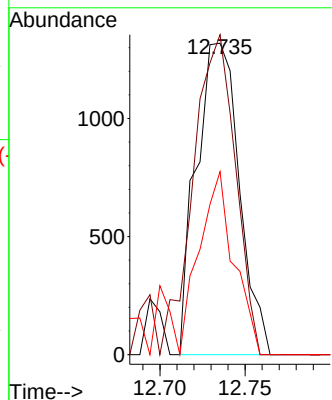
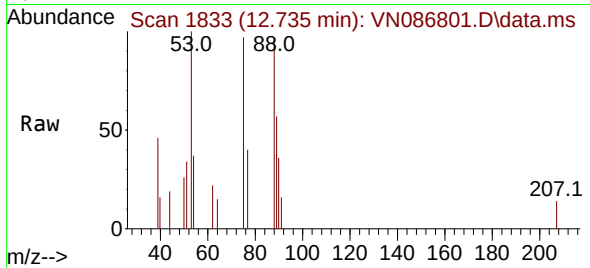




#81
trans-1,4-Dichloro-2-butene
Concen: 1.944 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

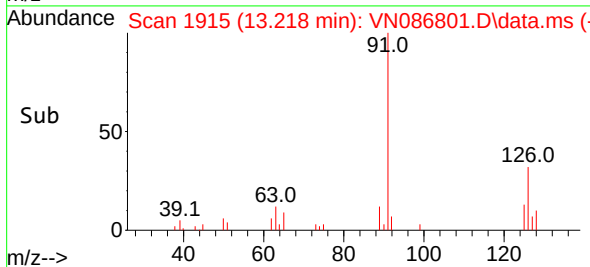
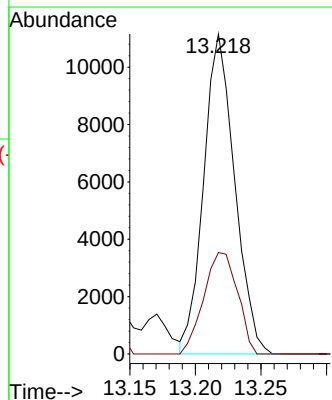
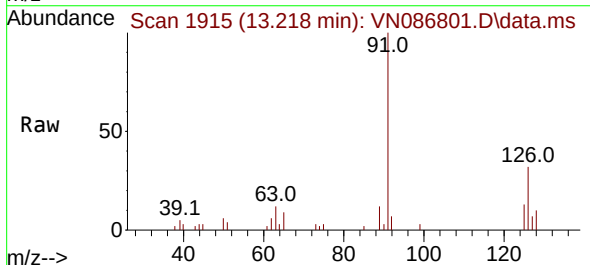
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

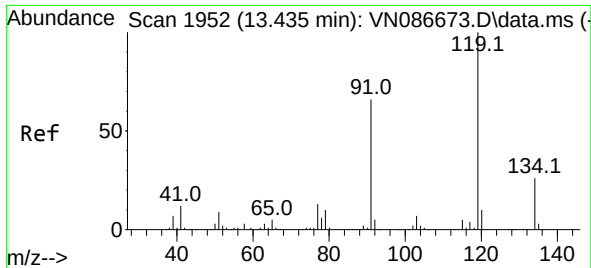
Tgt Ion:	75	Resp:	2313
Ion	Ratio	Lower	Upper
75	100		
53	100.8	70.4	105.6
89	47.5	32.4	48.6



#82
4-Chlorotoluene
Concen: 2.418 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:	91	Resp:	18330
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	50.9

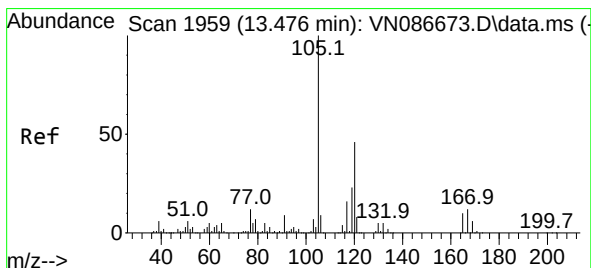
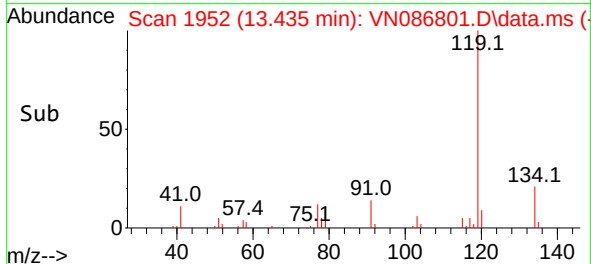
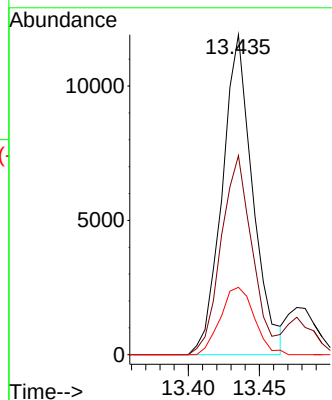
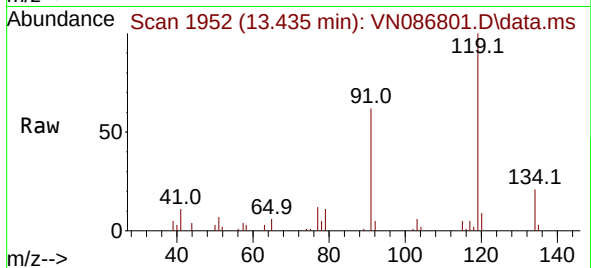




#83
tert-Butylbenzene
Concen: 2.490 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

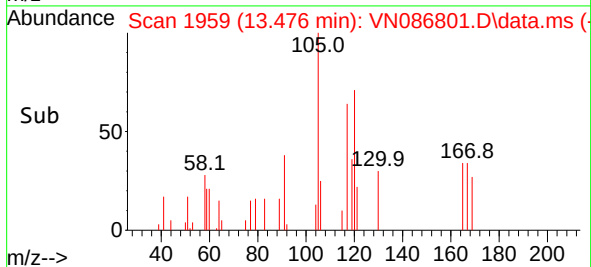
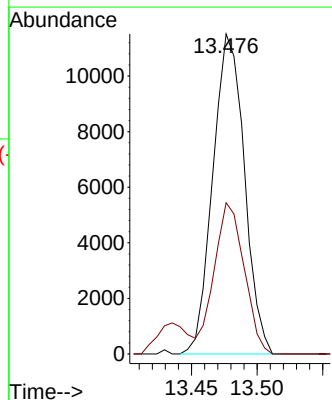
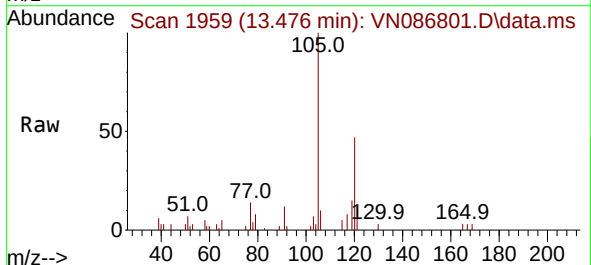
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

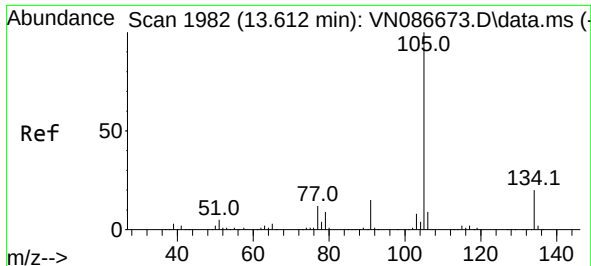
Tgt Ion:	119	Resp:	17839
Ion	Ratio	Lower	Upper
119	100		
91	62.7	32.9	98.7
134	23.3	13.4	40.1



#84
1,2,4-Trimethylbenzene
Concen: 2.352 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:	105	Resp:	19242
Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.2	69.6

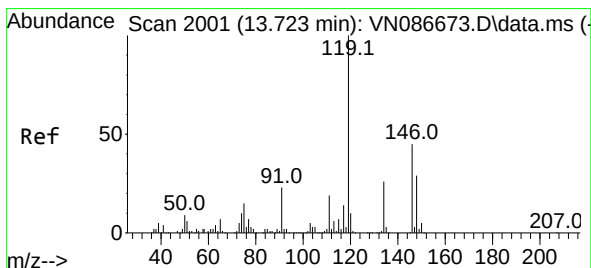
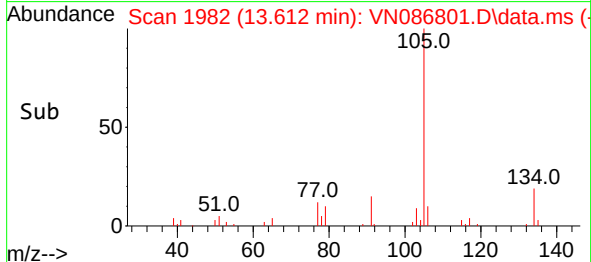
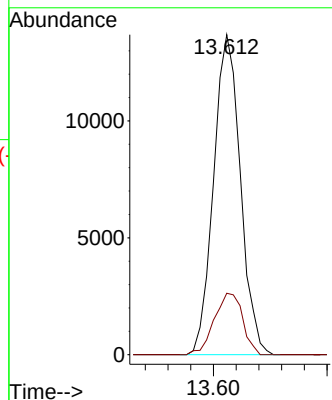
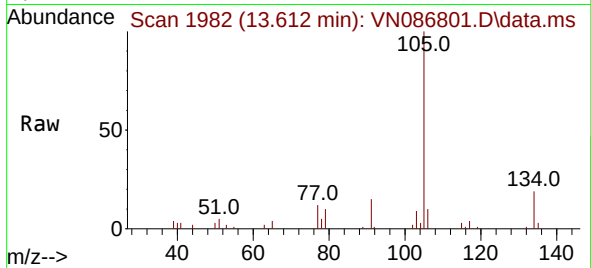




#85
 sec-Butylbenzene
 Concen: 2.332 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086801.D
 Acq: 28 May 2025 15:57

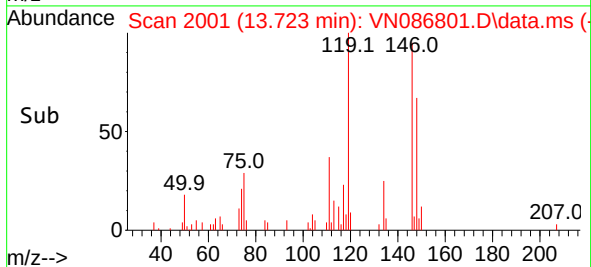
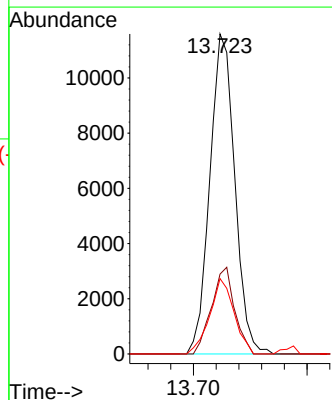
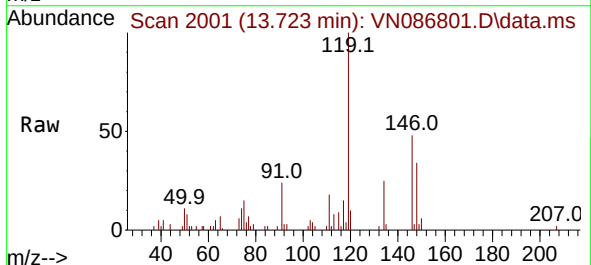
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025

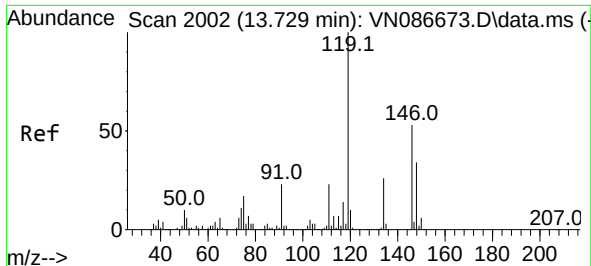
Tgt Ion:105 Resp: 22406
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 2.244 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086801.D
 Acq: 28 May 2025 15:57

Tgt Ion:119 Resp: 17673
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.1 39.1
 91 22.9 11.5 34.5

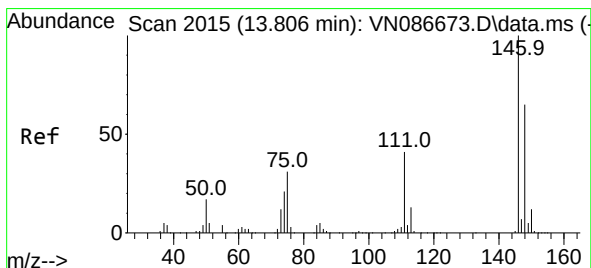
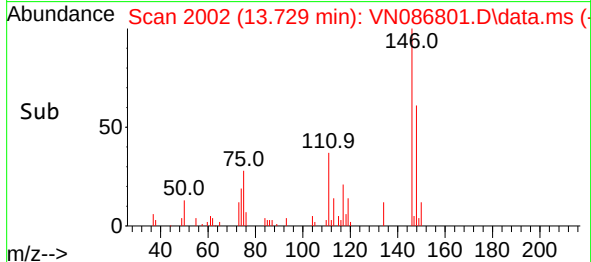
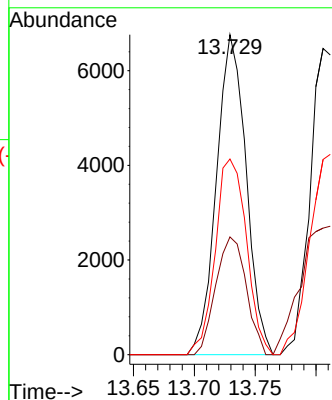
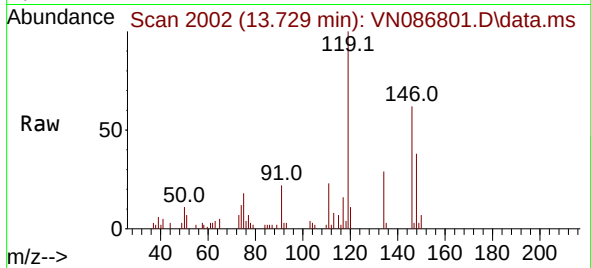




#87
1,3-Dichlorobenzene
Concen: 2.564 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

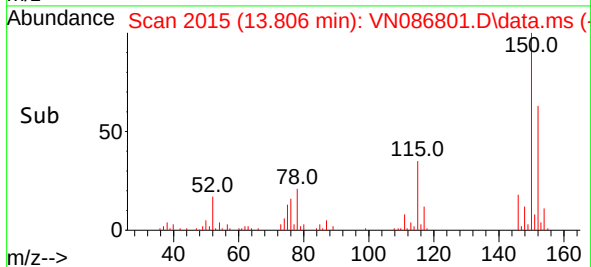
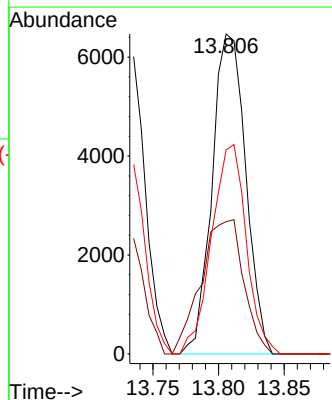
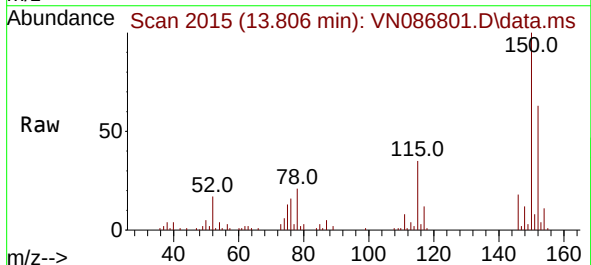
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

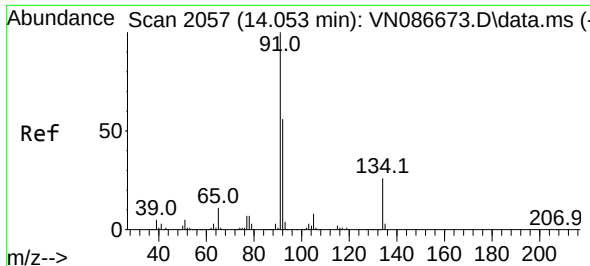
Tgt Ion:146 Resp: 11450
Ion Ratio Lower Upper
146 100
111 37.7 20.9 62.7
148 64.4 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 2.610 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:146 Resp: 11551
Ion Ratio Lower Upper
146 100
111 53.1 20.6 61.8
148 67.5 32.0 96.0

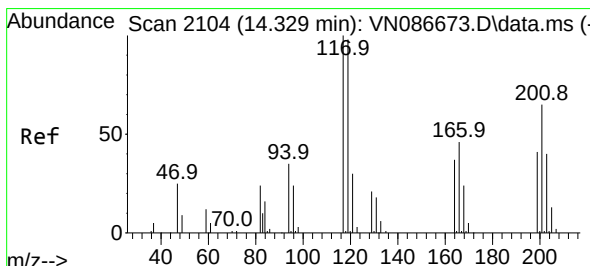
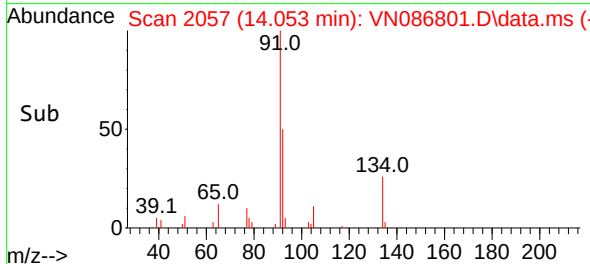
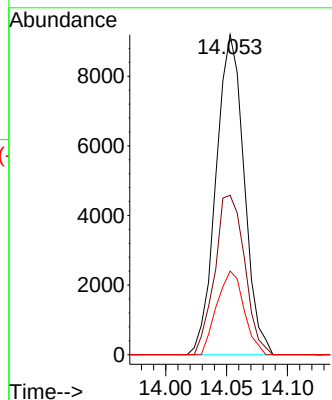
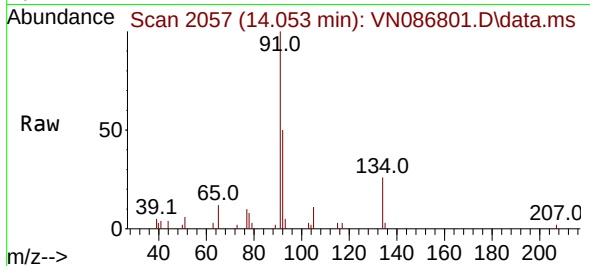




#89
n-Butylbenzene
Concen: 2.260 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

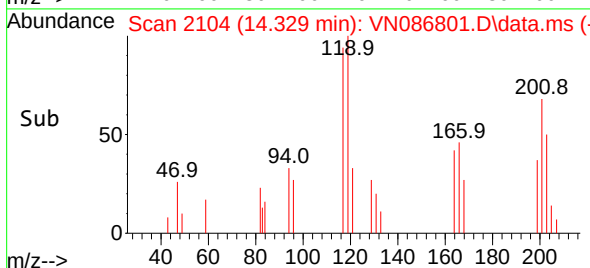
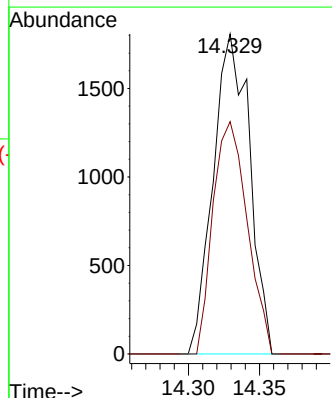
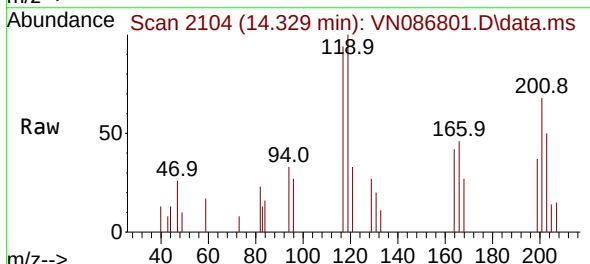
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

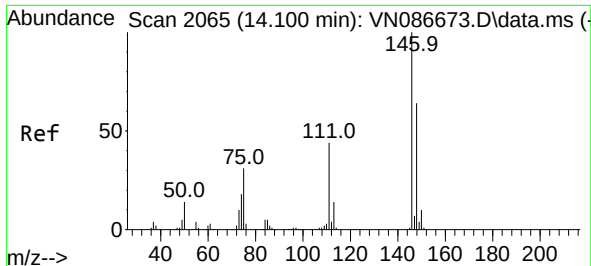
Tgt Ion:	91	Resp:	14755
Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.4	82.0
134	25.2	12.8	38.4



#90
Hexachloroethane
Concen: 2.465 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:	117	Resp:	3220
Ion	Ratio	Lower	Upper
117	100		
201	68.5	32.0	96.0





#91

1,2-Dichlorobenzene

Concen: 2.518 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN086801.D

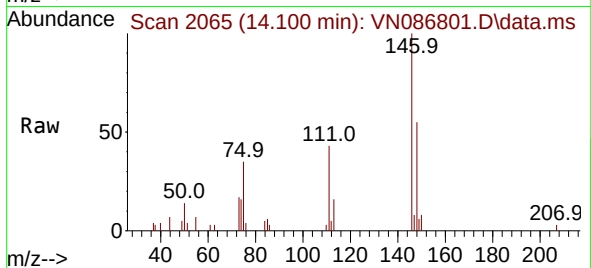
Acq: 28 May 2025 15:57

Instrument :

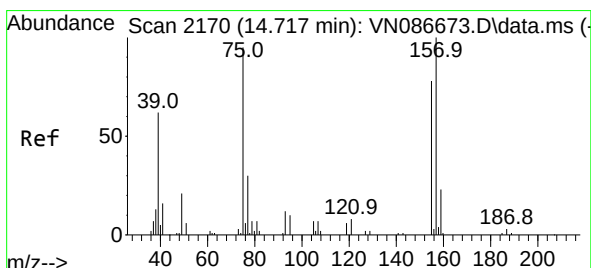
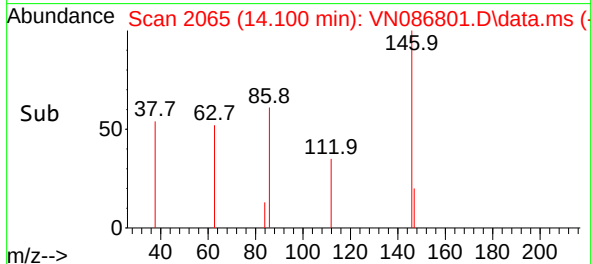
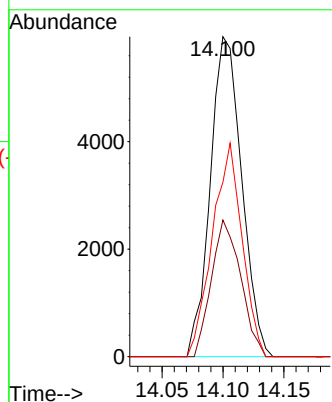
MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion:	146	Resp:	10695
Ion	Ratio	Lower	Upper
146	100		
111	39.9	21.6	65.0
148	63.0	31.7	95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.244 ug/l

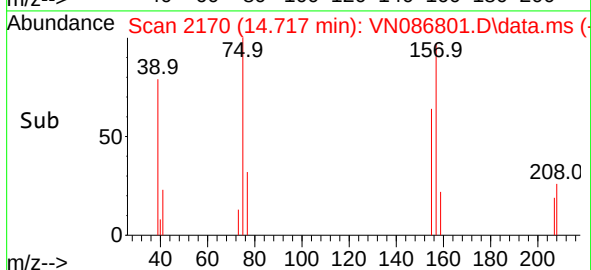
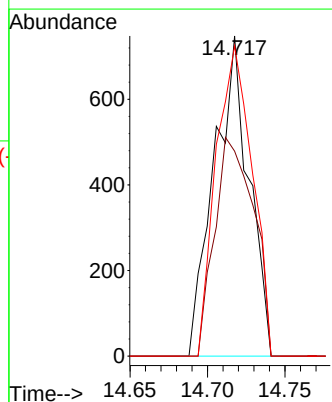
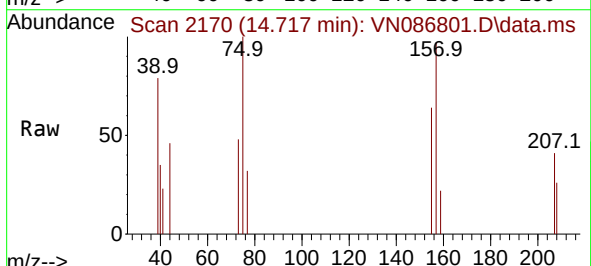
RT: 14.717 min Scan# 2170

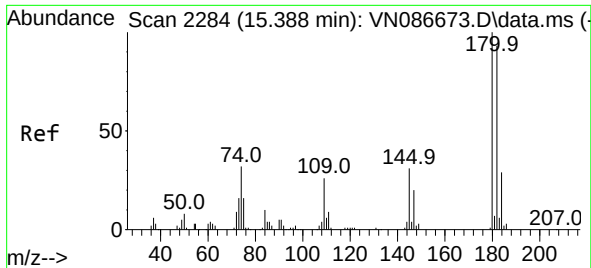
Delta R.T. 0.000 min

Lab File: VN086801.D

Acq: 28 May 2025 15:57

Tgt Ion:	75	Resp:	1171
Ion	Ratio	Lower	Upper
75	100		
155	76.4	40.5	121.5
157	100.6	53.6	160.8

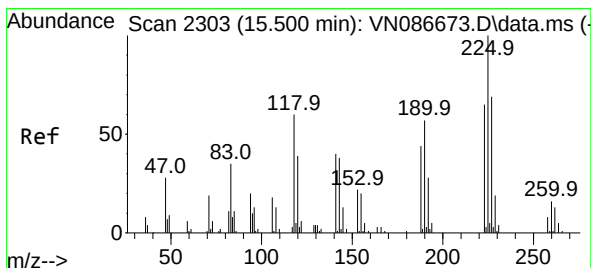
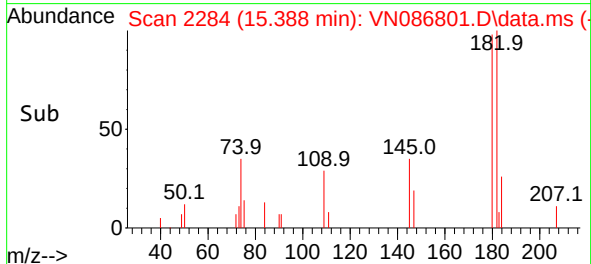
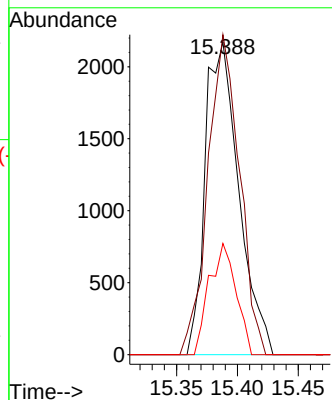
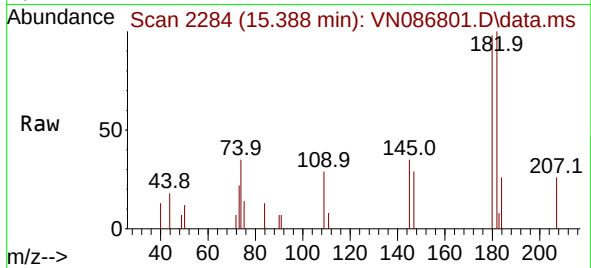




#93
 1,2,4-Trichlorobenzene
 Concen: 2.323 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN086801.D
 Acq: 28 May 2025 15:57

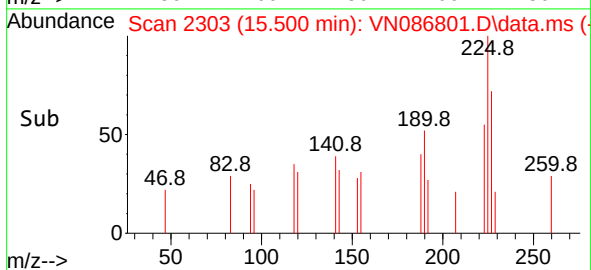
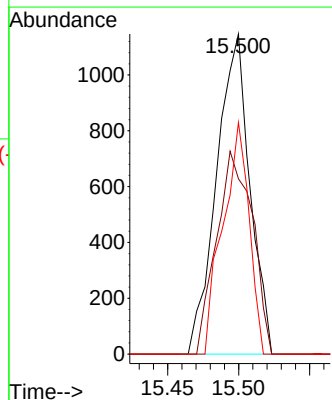
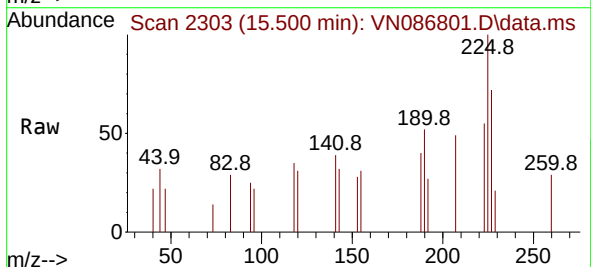
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025

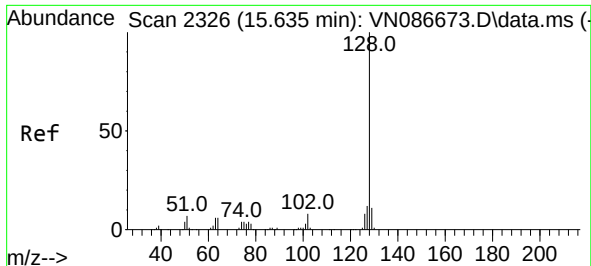
Tgt Ion:180 Resp: 4165
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.1 141.3
 145 28.3 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 2.511 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN086801.D
 Acq: 28 May 2025 15:57

Tgt Ion:225 Resp: 1868
 Ion Ratio Lower Upper
 225 100
 223 68.4 32.9 98.6
 227 57.0 32.4 97.2

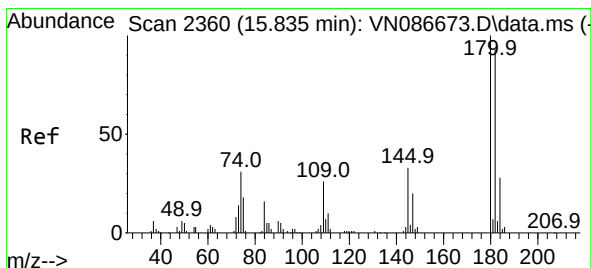
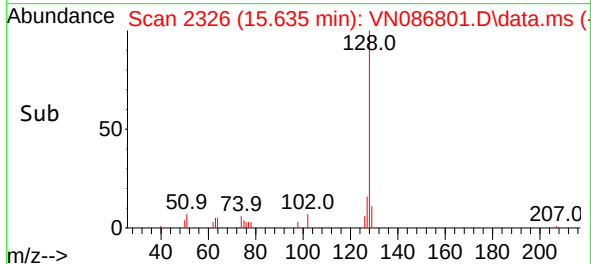
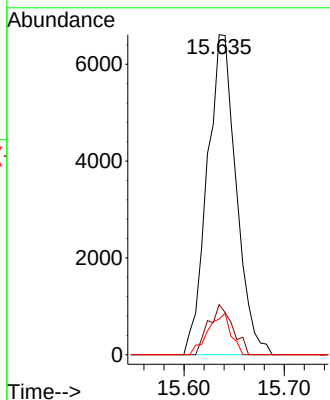
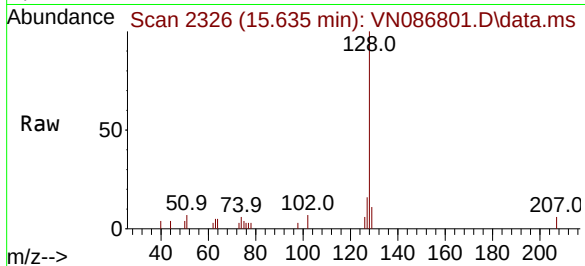




#95
Naphthalene
Concen: 2.134 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:	128	Resp:	13289
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.262 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086801.D
Acq: 28 May 2025 15:57

Tgt Ion:	180	Resp:	3972
Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.0	141.2
145	32.4	16.7	50.1

