

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086784.D
 Acq On : 27 May 2025 15:19
 Operator : JC\MD
 Sample : Q2126-07 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: May 29 01:49:41 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	222855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	398302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	344453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136911	44.460	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.920%
35) Dibromofluoromethane	8.159	113	111872	47.162	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	10.565	98	465086	47.313	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.847	95	156810	45.179	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1370	0.569	ug/l	94
3) Chloromethane	2.365	50	3123	0.858	ug/l	93
4) Vinyl Chloride	2.513	62	2274	0.696	ug/l	90
5) Bromomethane	2.971	94	1660	0.881	ug/l	100
6) Chloroethane	3.124	64	1422	0.664	ug/l	97
7) Trichlorofluoromethane	3.495	101	2600	0.665	ug/l	91
8) Diethyl Ether	3.959	74	1176	0.729	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	1795	0.767	ug/l #	87
10) Methyl Iodide	4.577	142	2548	0.876	ug/l #	78
11) Tert butyl alcohol	5.518	59	1534	2.735	ug/l #	73
12) 1,1-Dichloroethene	4.330	96	1767	0.711	ug/l #	72
13) Acrolein	4.177	56	1311	2.187	ug/l	96
14) Allyl chloride	5.018	41	2605	0.692	ug/l #	85
15) Acrylonitrile	5.724	53	4277	3.080	ug/l	96
16) Acetone	4.436	43	3803	3.301	ug/l #	82
17) Carbon Disulfide	4.712	76	5714	0.830	ug/l	97
18) Methyl Acetate	5.024	43	10217	3.169	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	5774	0.682	ug/l	95
20) Methylene Chloride	5.265	84	2134	0.702	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	1907	0.726	ug/l #	79
22) Diisopropyl ether	6.665	45	5211	0.614	ug/l	97
23) Vinyl Acetate	6.600	43	14085	2.208	ug/l	94
24) 1,1-Dichloroethane	6.565	63	3388	0.680	ug/l #	82
25) 2-Butanone	7.495	43	5938	3.336	ug/l	98
26) 2,2-Dichloropropane	7.483	77	2903	0.706	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	2371	0.735	ug/l	96
28) Bromochloromethane	7.812	49	1273	0.562	ug/l #	88
29) Tetrahydrofuran	7.847	42	3419	2.943	ug/l	95
30) Chloroform	7.965	83	3326	0.667	ug/l	98
31) Cyclohexane	8.230	56	6684	1.446	ug/l #	7
32) 1,1,1-Trichloroethane	8.165	97	2994	0.712	ug/l #	40
36) 1,1-Dichloropropene	8.365	75	2400	0.686	ug/l	95
37) Ethyl Acetate	7.571	43	2291	0.648	ug/l #	73
38) Carbon Tetrachloride	8.353	117	2367	0.687	ug/l #	84
39) Methylcyclohexane	9.594	83	2711	0.716	ug/l #	85
40) Benzene	8.600	78	8105	0.710	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	668	0.350	ug/l #	67
42) 1,2-Dichloroethane	8.665	62	2769	0.779	ug/l	86
43) Isopropyl Acetate	8.689	43	7266	1.025	ug/l #	79
44) Trichloroethene	9.347	130	2182	0.793	ug/l	94
45) 1,2-Dichloropropane	9.612	63	1704	0.628	ug/l	98
46) Dibromomethane	9.700	93	1328	0.726	ug/l	95
47) Bromodichloromethane	9.889	83	2649	0.703	ug/l #	90
48) Methyl methacrylate	9.677	41	1843	0.671	ug/l	92
49) 1,4-Dioxane	9.694	88	657	11.301	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	10795	3.021	ug/l	97
52) Toluene	10.630	92	5160	0.727	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	3030	0.759	ug/l #	88
54) cis-1,3-Dichloropropene	10.312	75	3040	0.698	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	1841	0.696	ug/l #	84
56) Ethyl methacrylate	10.871	69	2596	0.611	ug/l	99
57) 1,3-Dichloropropane	11.159	76	3100	0.680	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	5712	3.008	ug/l	96
59) 2-Hexanone	11.194	43	7684	2.945	ug/l	97
60) Dibromochloromethane	11.359	129	2088	0.753	ug/l	100
61) 1,2-Dibromoethane	11.471	107	1776	0.668	ug/l	95
64) Tetrachloroethene	11.094	164	2681	1.016	ug/l #	84
65) Chlorobenzene	11.888	112	5788	0.766	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.959	131	1895	0.777	ug/l #	64
67) Ethyl Benzene	11.959	91	9081	0.702	ug/l	97
68) m/p-Xylenes	12.071	106	6751	1.378	ug/l	98
69) o-Xylene	12.394	106	3022	0.620	ug/l	80
70) Styrene	12.406	104	5031	0.631	ug/l	97
71) Bromoform	12.582	173	1416	0.817	ug/l #	95
73) Isopropylbenzene	12.694	105	7555	0.676	ug/l	99
74) N-amyl acetate	12.488	43	2492	0.534	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	2119	0.617	ug/l #	91
76) 1,2,3-Trichloropropane	12.988	75	3223	0.985	ug/l	75
77) Bromobenzene	12.971	156	2236	0.796	ug/l	98
78) n-propylbenzene	13.029	91	8794	0.686	ug/l	100
79) 2-Chlorotoluene	13.124	91	6336	0.760	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	5965	0.666	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	74893	57.771	ug/l #	15
82) 4-Chlorotoluene	13.218	91	5695	0.690	ug/l	98
83) tert-Butylbenzene	13.441	119	5404	0.692	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	5856	0.657	ug/l	94
85) sec-Butylbenzene	13.612	105	6792	0.649	ug/l	99
86) p-Isopropyltoluene	13.724	119	5202	0.606	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	3668	0.754	ug/l	96
88) 1,4-Dichlorobenzene	13.729	146	3668	0.761	ug/l	96
89) n-Butylbenzene	14.053	91	4902	0.689	ug/l	97
90) Hexachloroethane	14.335	117	1011	0.710	ug/l	90
91) 1,2-Dichlorobenzene	14.100	146	3386	0.731	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	366	0.644	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	1346	0.689	ug/l	90
94) Hexachlorobutadiene	15.506	225	568	0.701	ug/l	91
95) Naphthalene	15.641	128	5634	0.830	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.835	180	1533	0.801	ug/l	82

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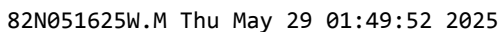
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

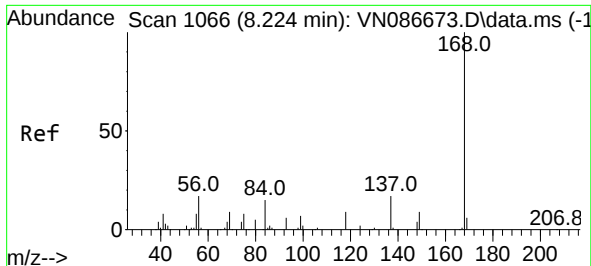
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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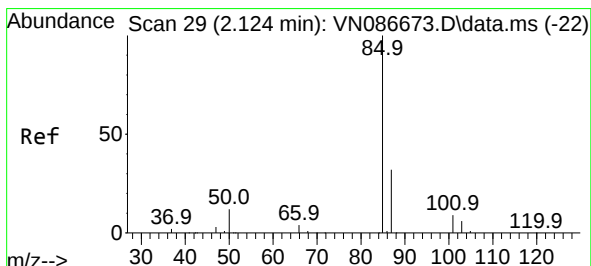
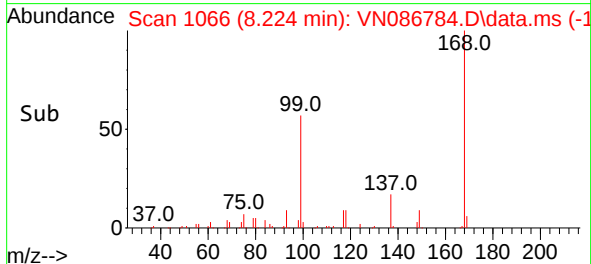
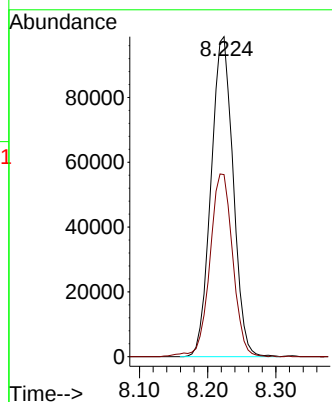
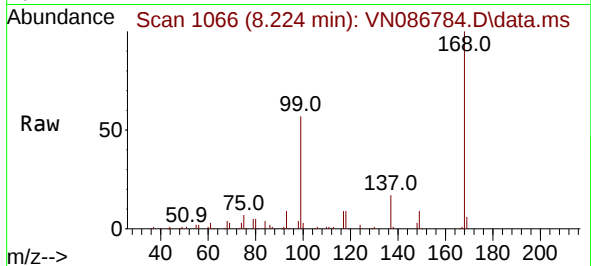




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086784.D
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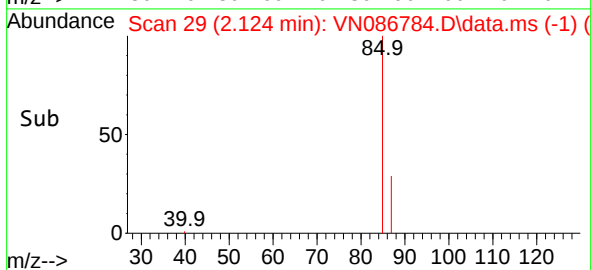
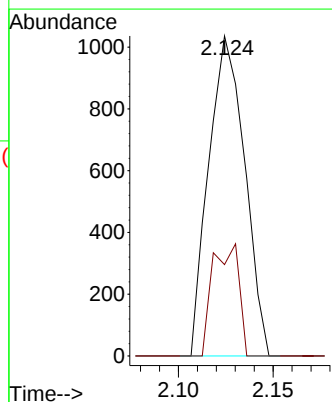
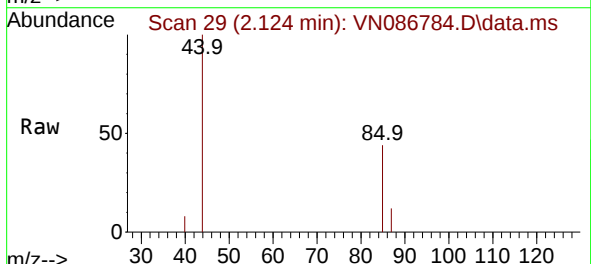
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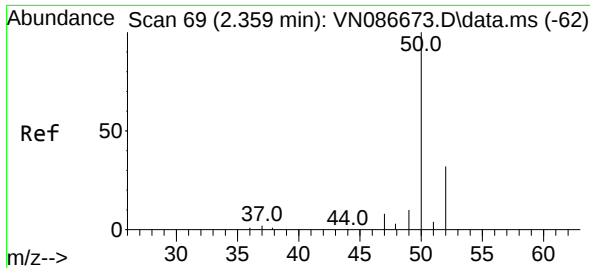
Tgt Ion:168 Resp: 222855
Ion Ratio Lower Upper
168 100
99 56.9 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 0.569 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 85 Resp: 1370
Ion Ratio Lower Upper
85 100
87 28.6 15.9 47.6

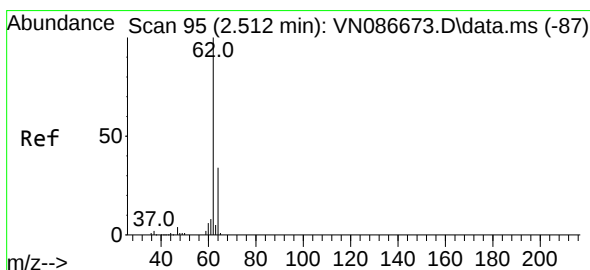
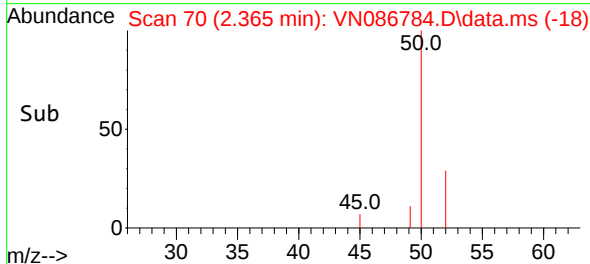
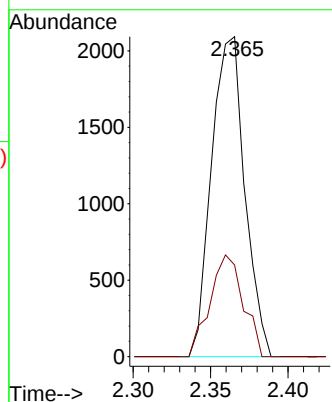
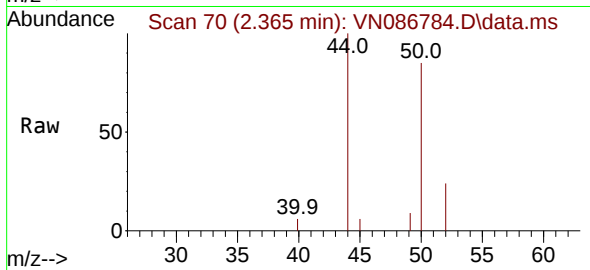




#3
Chloromethane
Concen: 0.858 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

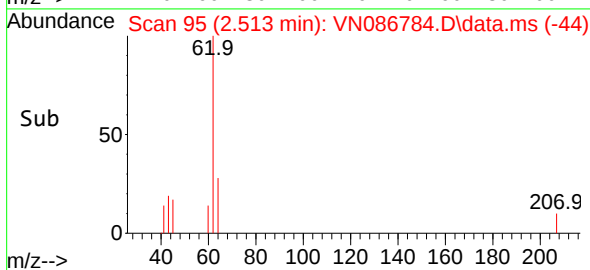
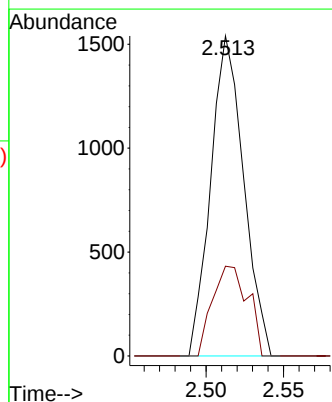
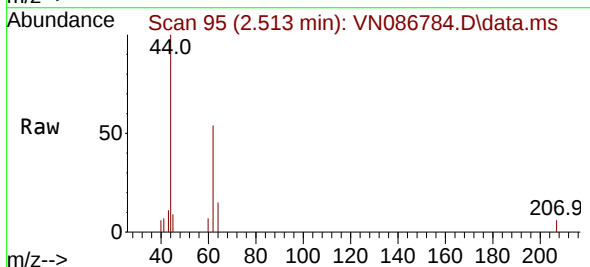
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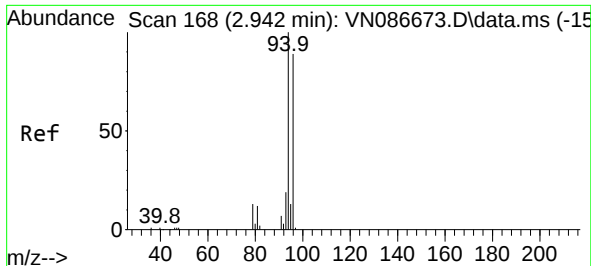
Tgt Ion: 50 Resp: 3123
Ion Ratio Lower Upper
50 100
52 28.7 25.9 38.9



#4
Vinyl Chloride
Concen: 0.696 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 62 Resp: 2274
Ion Ratio Lower Upper
62 100
64 28.1 26.9 40.3

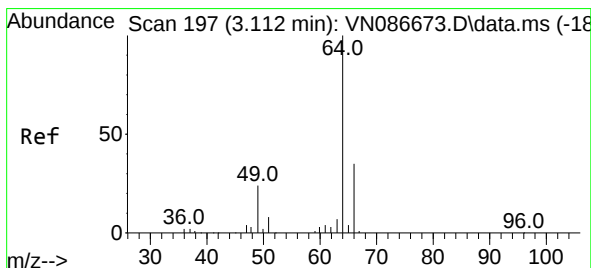
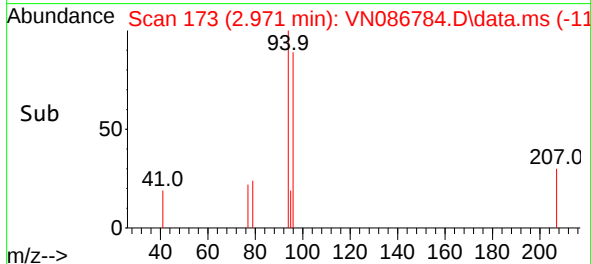
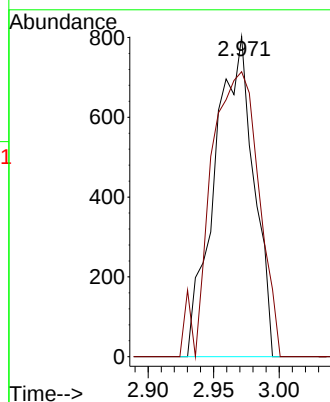
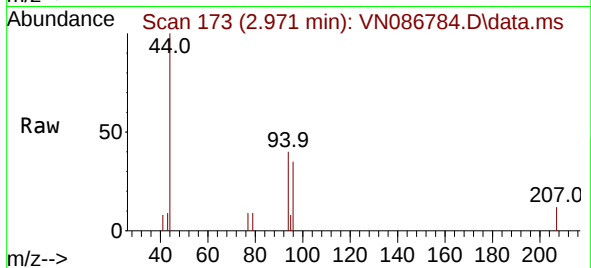




#5
Bromomethane
Concen: 0.881 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

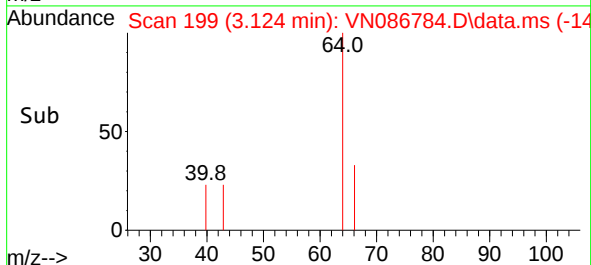
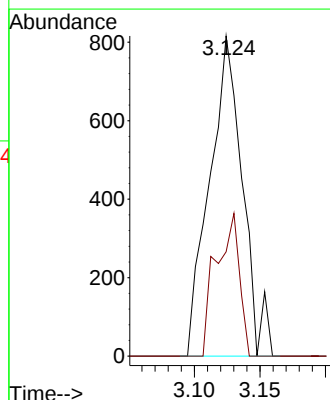
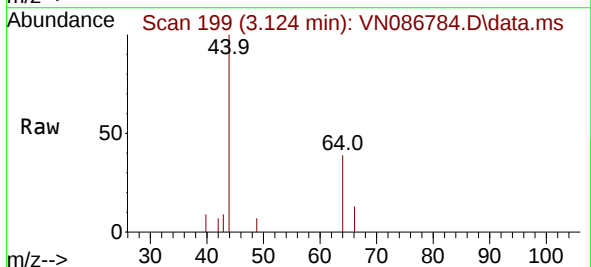
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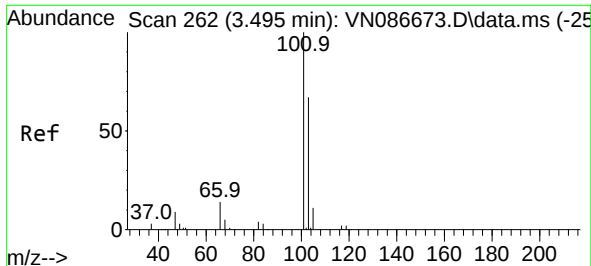
Tgt Ion: 94 Resp: 1660
Ion Ratio Lower Upper
94 100
96 89.0 71.2 106.8



#6
Chloroethane
Concen: 0.664 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 64 Resp: 1422
Ion Ratio Lower Upper
64 100
66 32.6 27.7 41.5

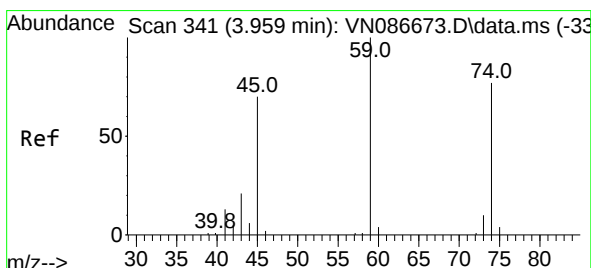
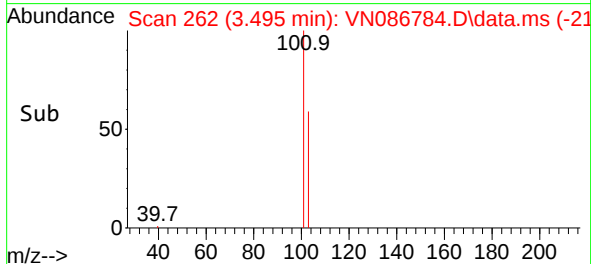
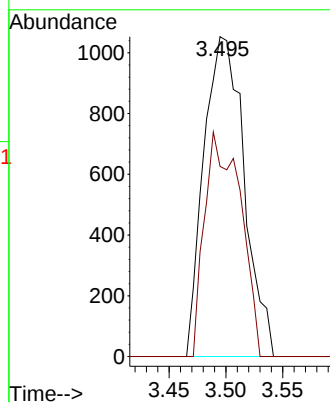
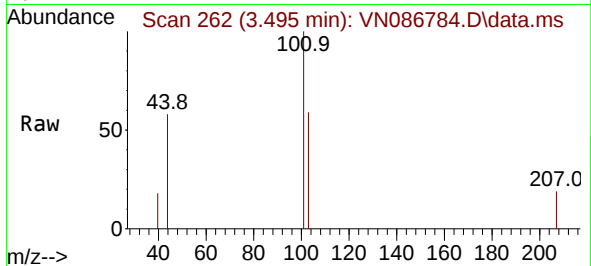




#7
 Trichlorofluoromethane
 Concen: 0.665 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

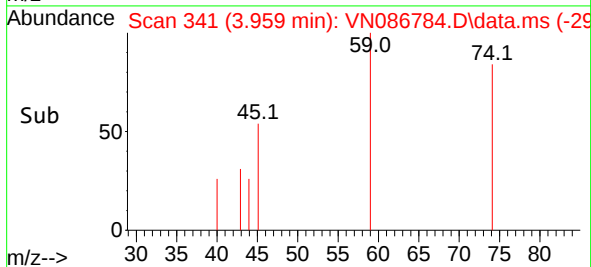
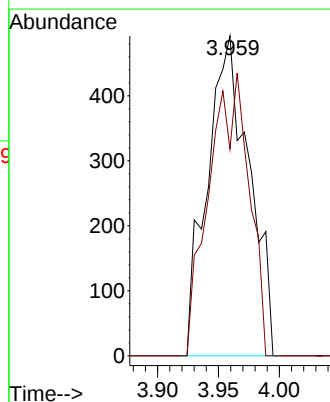
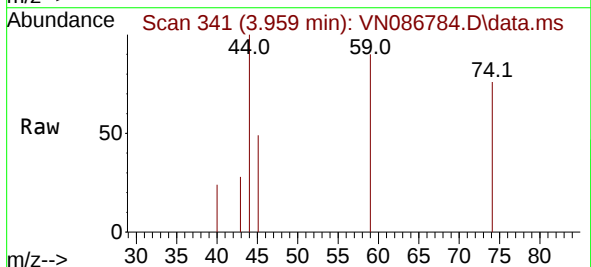
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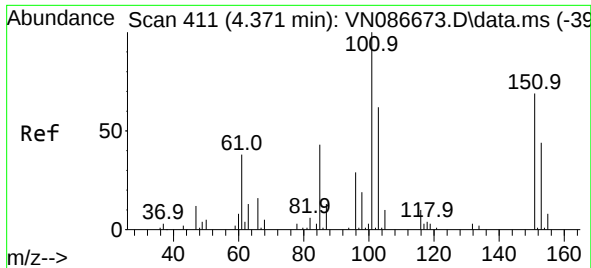
Tgt Ion:101 Resp: 2600
 Ion Ratio Lower Upper
 101 100
 103 59.4 53.4 80.0



#8
 Diethyl Ether
 Concen: 0.729 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086784.D
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Tgt Ion: 74 Resp: 1176
 Ion Ratio Lower Upper
 74 100
 45 84.3 45.0 135.0

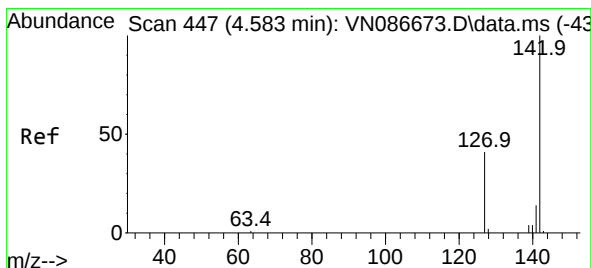
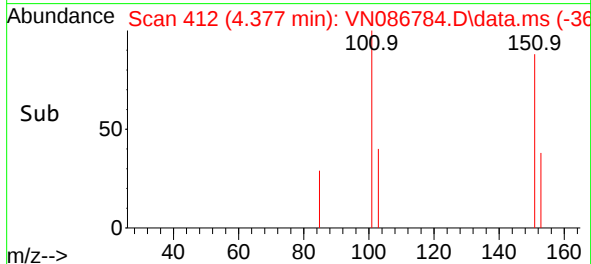
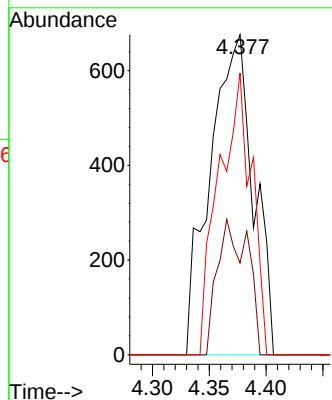
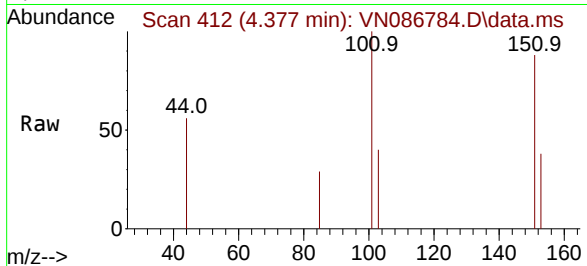




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.767 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

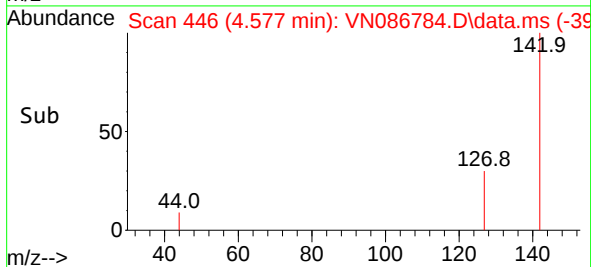
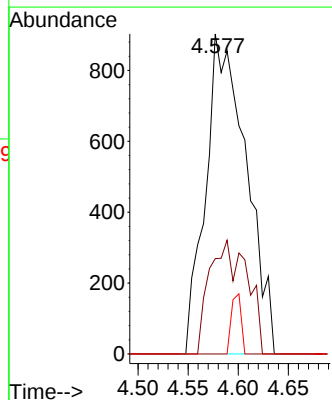
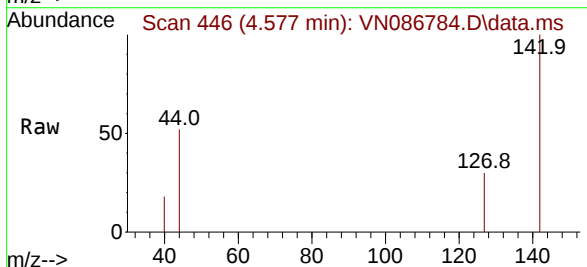
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

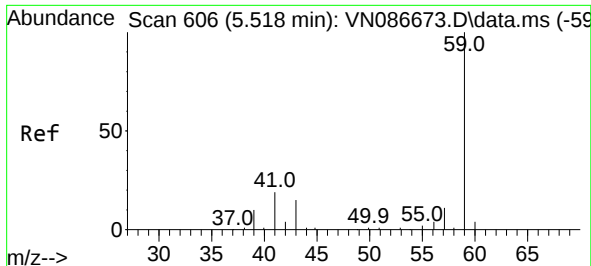
Tgt Ion:101 Resp: 1795
Ion Ratio Lower Upper
101 100
85 29.4 35.0 52.6#
151 66.7 58.1 87.1



#10
Methyl Iodide
Concen: 0.876 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion:142 Resp: 2548
Ion Ratio Lower Upper
142 100
127 29.8 32.4 48.6#
141 0.0 11.4 17.2#

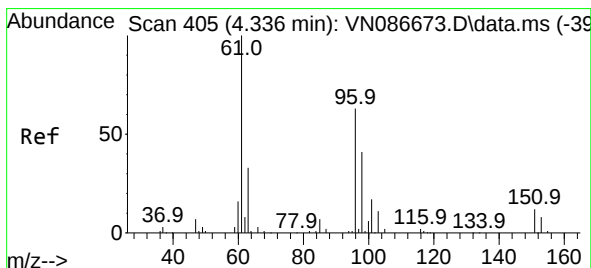
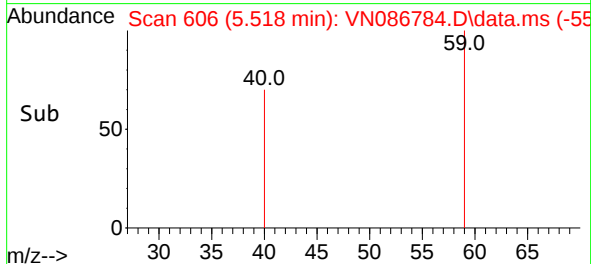
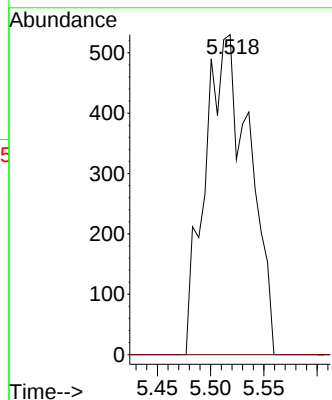
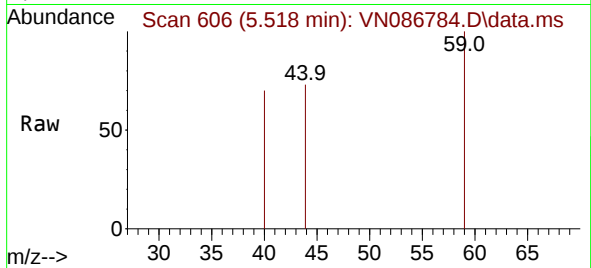




#11
Tert butyl alcohol
Concen: 2.735 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

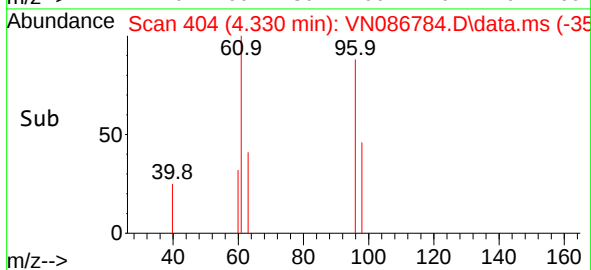
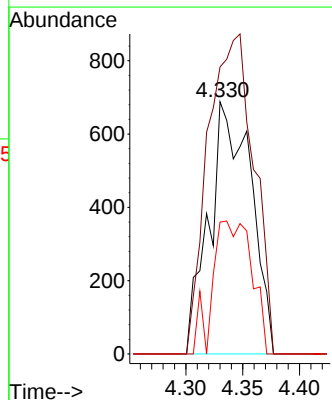
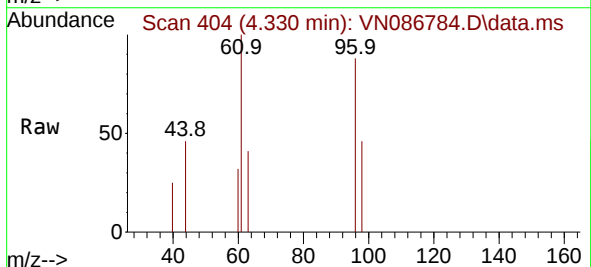
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 59 Resp: 1534
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 0.711 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 96 Resp: 1767
Ion Ratio Lower Upper
96 100
61 113.8 126.2 189.2#
98 52.3 51.5 77.3

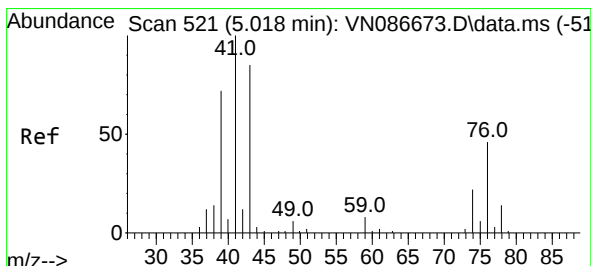
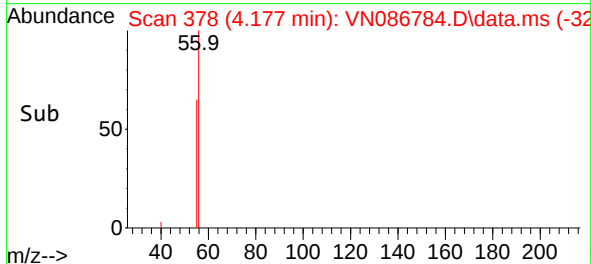
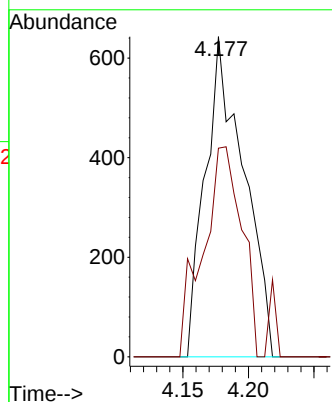
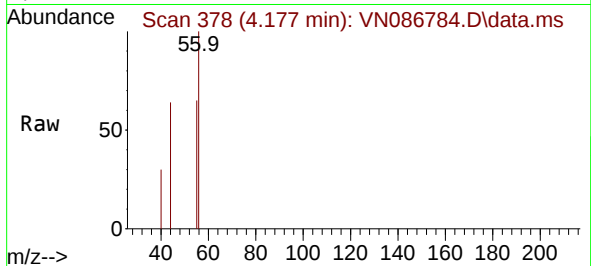




#13
Acrolein
Concen: 2.187 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

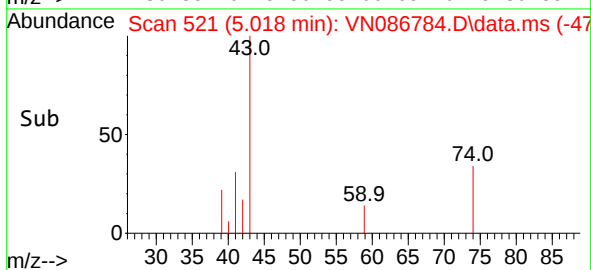
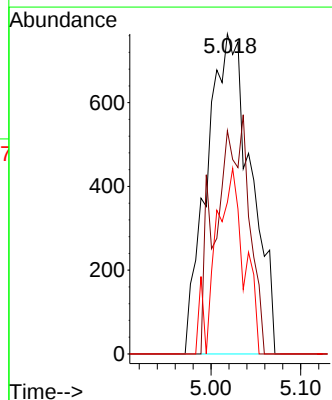
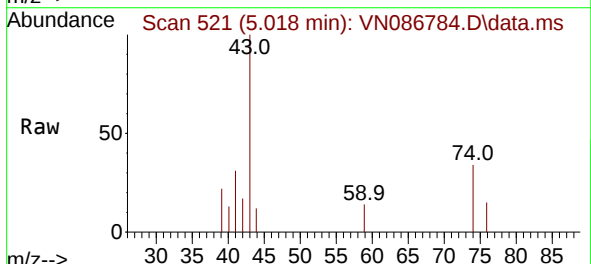
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

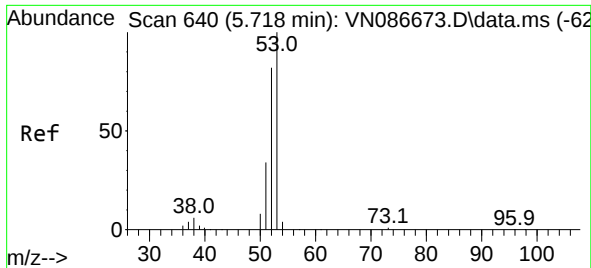
Tgt Ion: 56 Resp: 1311
Ion Ratio Lower Upper
56 100
55 66.3 55.7 83.5



#14
Allyl chloride
Concen: 0.692 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 41 Resp: 2605
Ion Ratio Lower Upper
41 100
39 55.4 57.4 86.0#
76 37.6 33.2 49.8

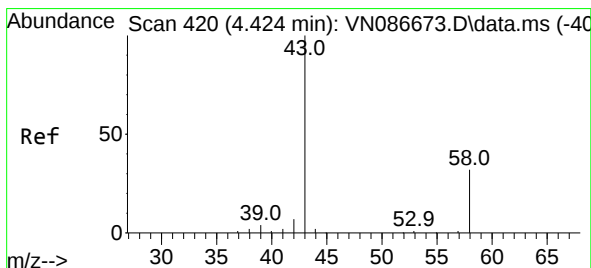
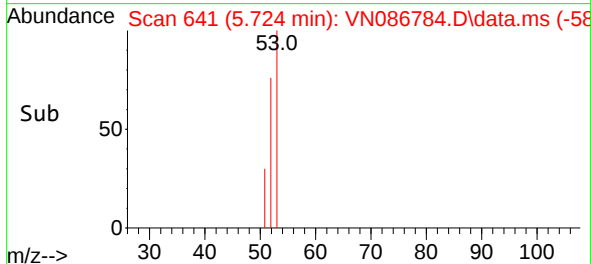
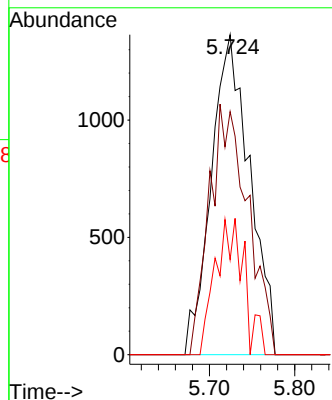
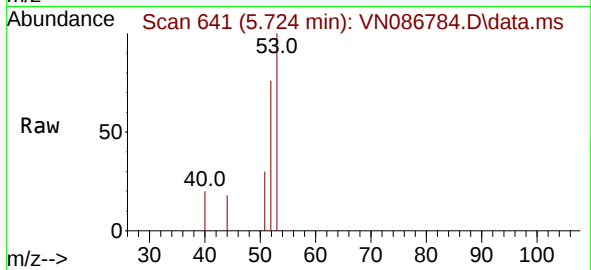




#15
Acrylonitrile
Concen: 3.080 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

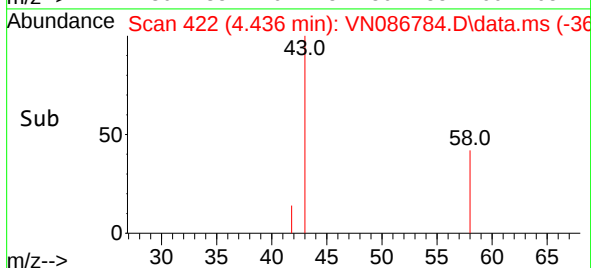
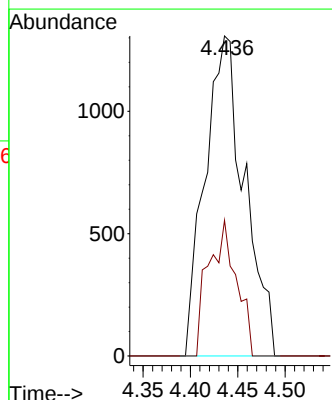
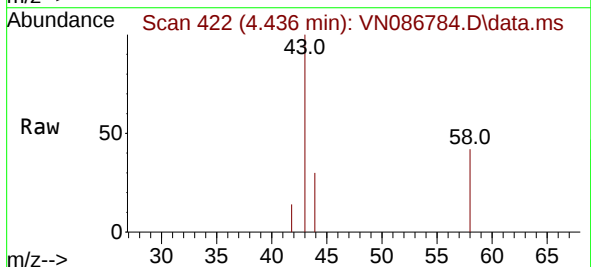
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:	53	Resp:	4277
Ion	Ratio	Lower	Upper
53	100		
52	78.3	65.4	98.2
51	31.9	27.9	41.9



#16
Acetone
Concen: 3.301 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion:	43	Resp:	3803
Ion	Ratio	Lower	Upper
43	100		
58	42.4	25.8	38.6#

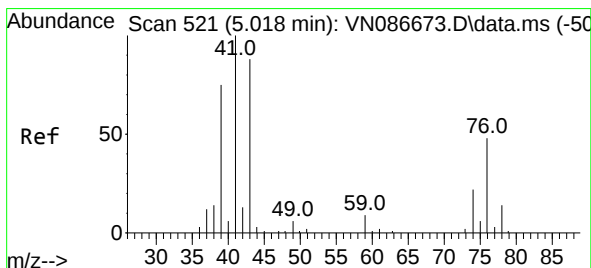
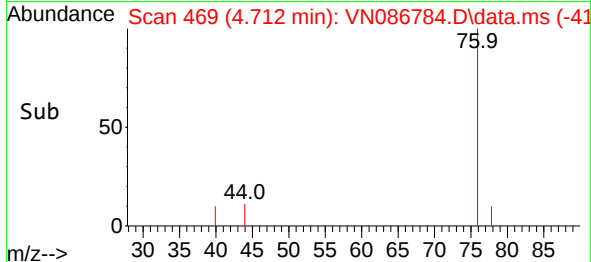
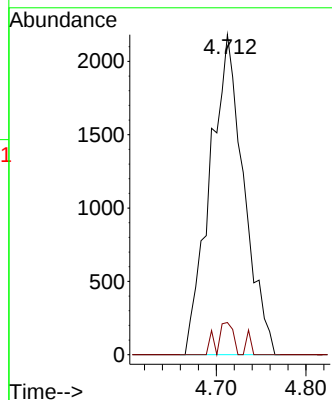
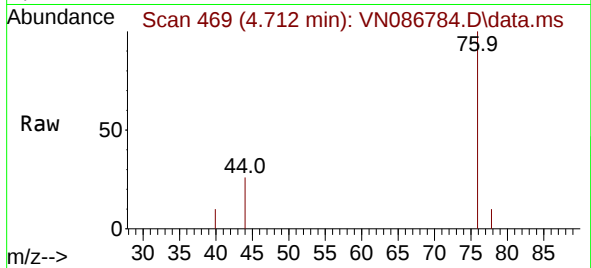




#17
Carbon Disulfide
Concen: 0.830 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

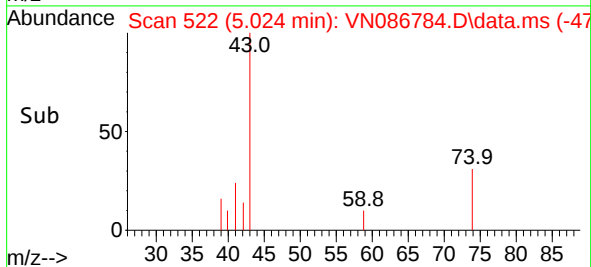
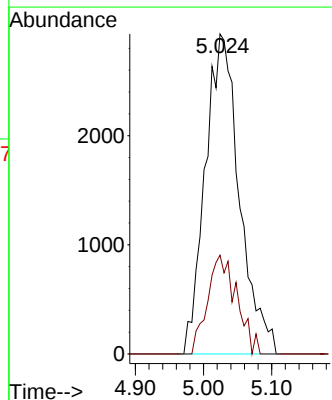
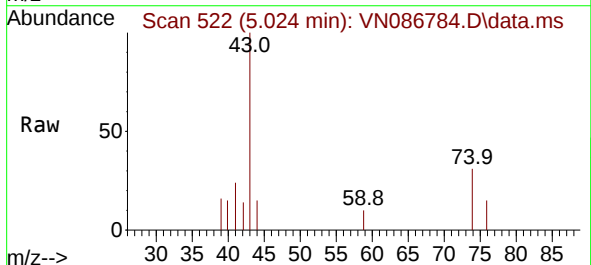
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

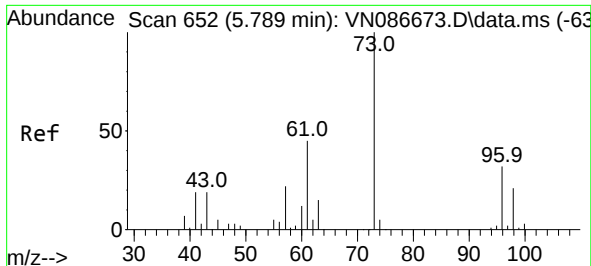
Tgt Ion: 76 Resp: 5714
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#18
Methyl Acetate
Concen: 3.169 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 43 Resp: 10217
Ion Ratio Lower Upper
43 100
74 26.3 20.5 30.7

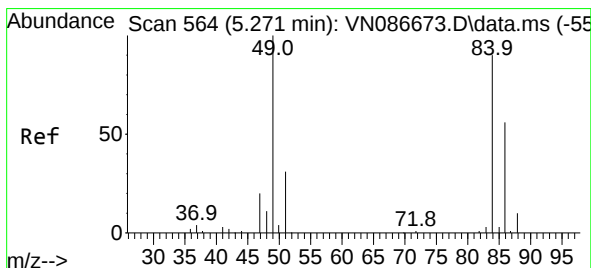
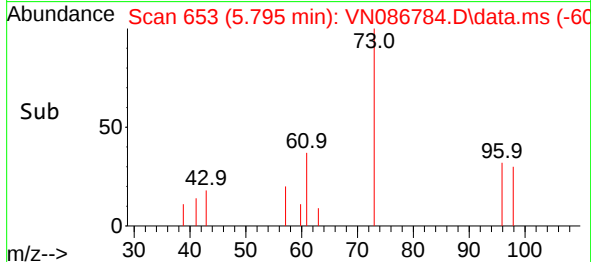
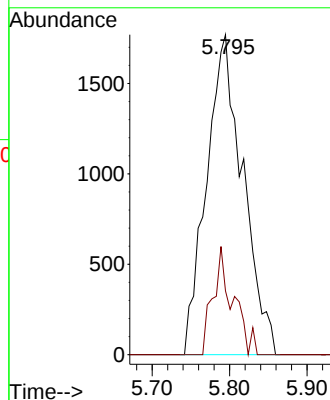
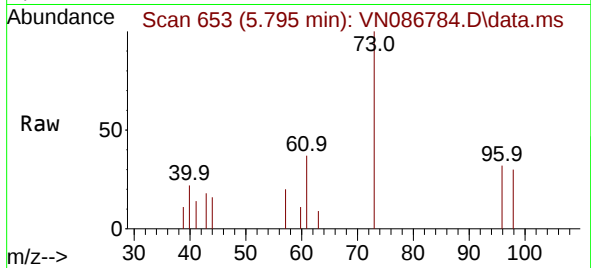




#19
Methyl tert-butyl Ether
Concen: 0.682 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

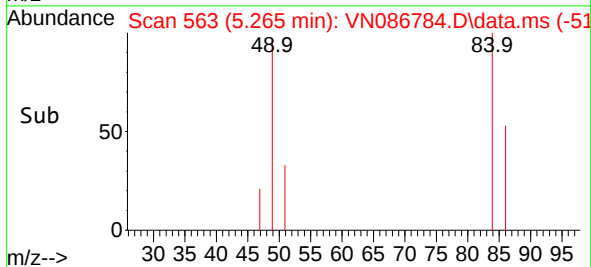
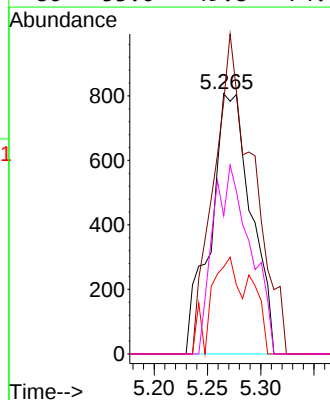
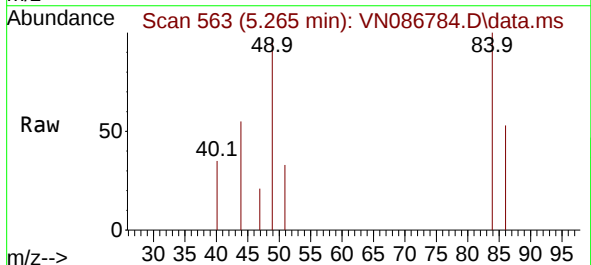
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

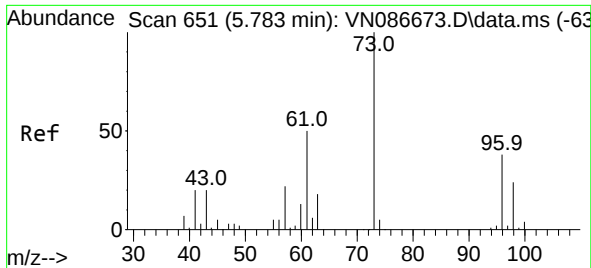
Tgt Ion: 73 Resp: 5774
Ion Ratio Lower Upper
73 100
57 19.9 17.7 26.5



#20
Methylene Chloride
Concen: 0.702 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 84 Resp: 2134
Ion Ratio Lower Upper
84 100
49 96.8 88.8 133.2
51 33.5 27.8 41.6
86 53.0 49.8 74.6

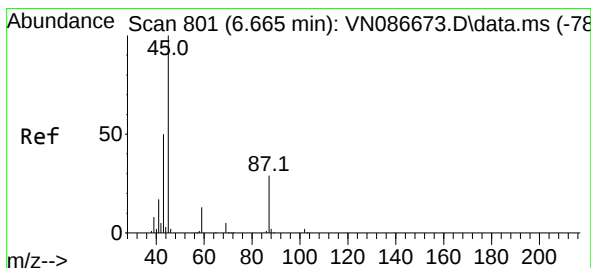
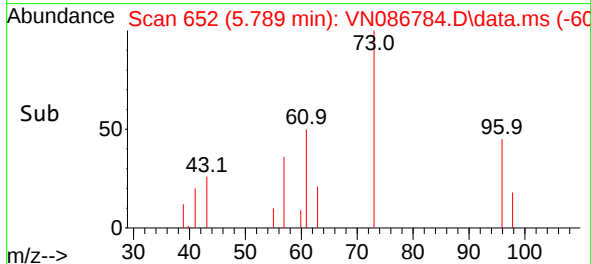
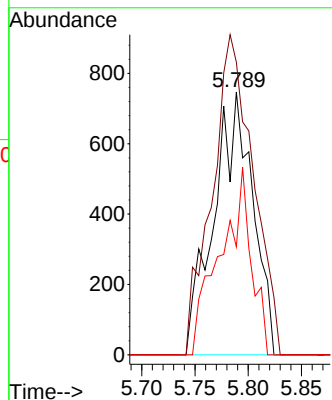
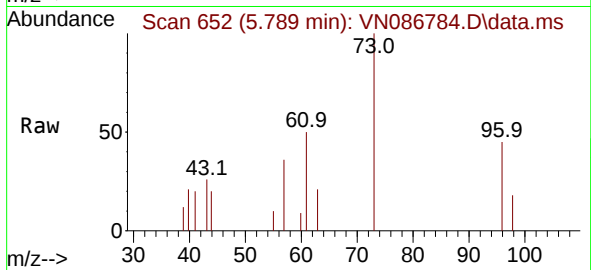




#21
trans-1,2-Dichloroethene
Concen: 0.726 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

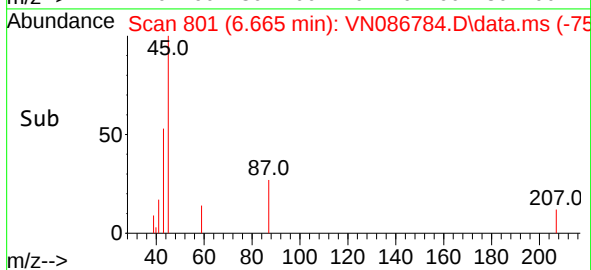
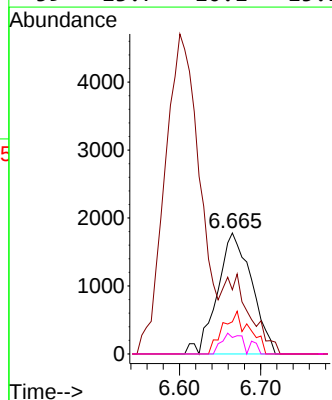
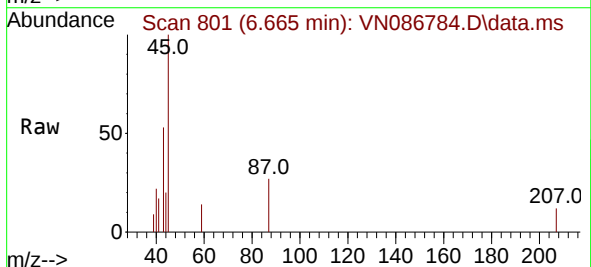
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

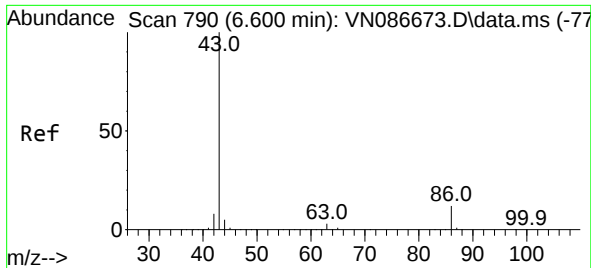
Tgt Ion: 96 Resp: 1907
Ion Ratio Lower Upper
96 100
61 111.4 105.7 158.5
98 41.1 51.0 76.6#



#22
Diisopropyl ether
Concen: 0.614 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 45 Resp: 5211
Ion Ratio Lower Upper
45 100
43 53.1 41.4 62.2
87 26.6 22.9 34.3
59 13.7 10.1 15.1

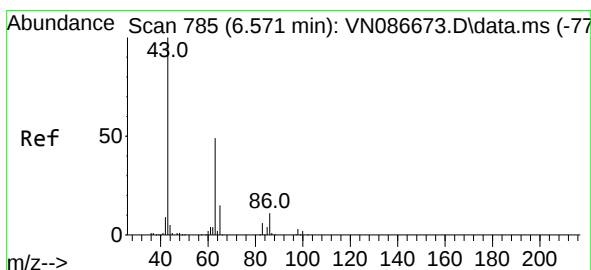
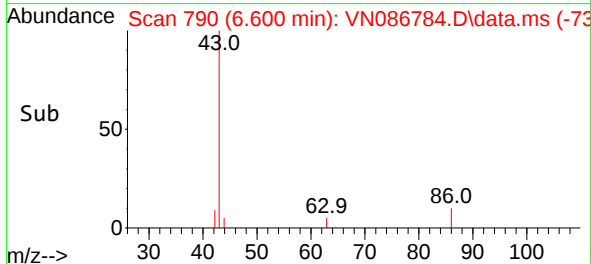
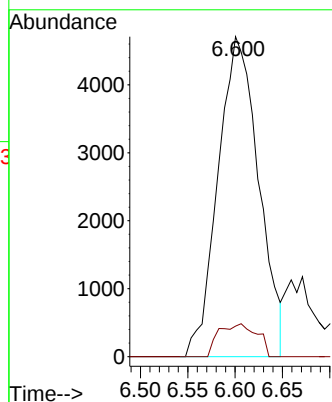
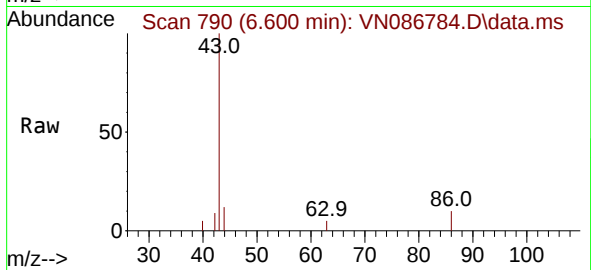




#23
 Vinyl Acetate
 Concen: 2.208 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

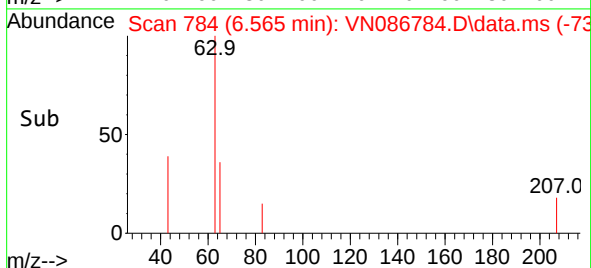
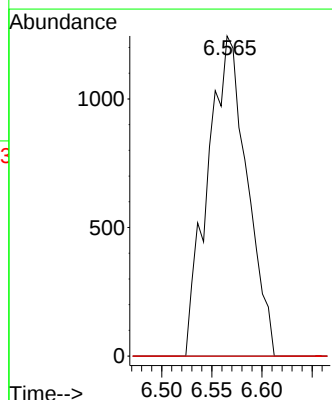
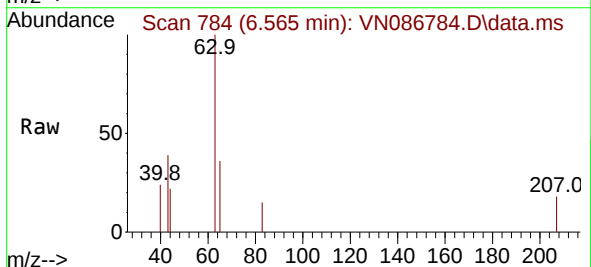
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 14085
 Ion Ratio Lower Upper
 43 100
 86 9.6 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 0.680 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

Tgt Ion: 63 Resp: 3388
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.4 7.1#

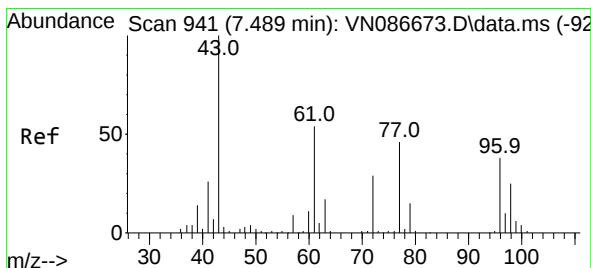
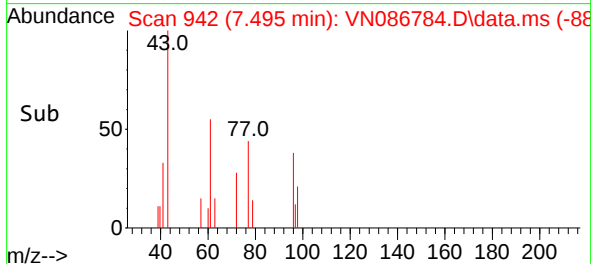
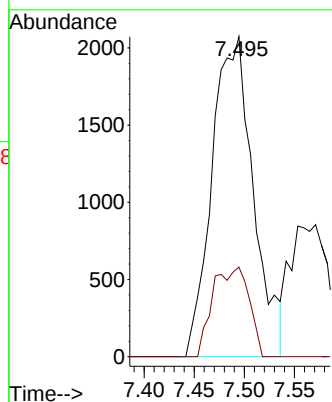
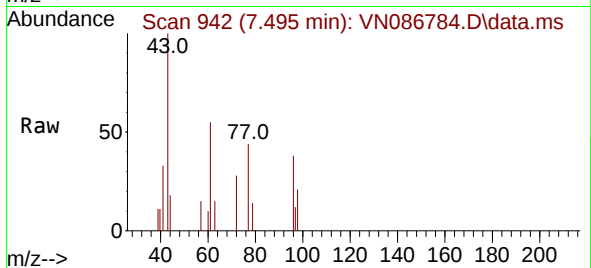




#25
2-Butanone
Concen: 3.336 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

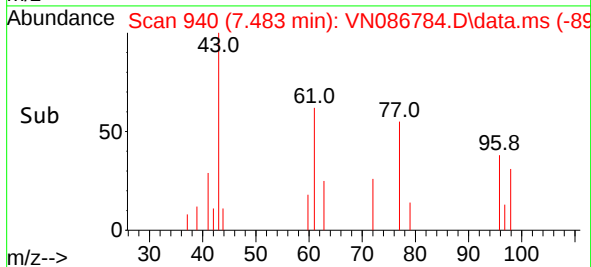
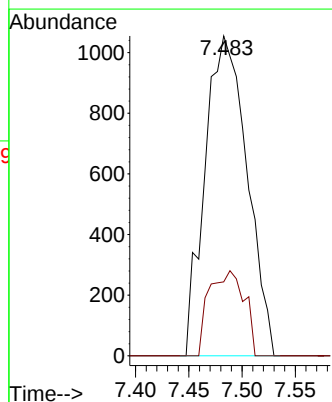
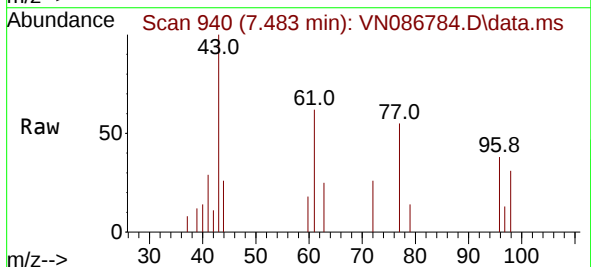
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

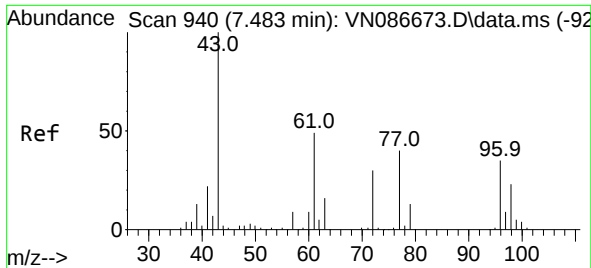
Tgt Ion: 43 Resp: 5938
Ion Ratio Lower Upper
43 100
72 28.0 23.1 34.7



#26
2,2-Dichloropropane
Concen: 0.706 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 77 Resp: 2903
Ion Ratio Lower Upper
77 100
97 22.1 11.6 34.7

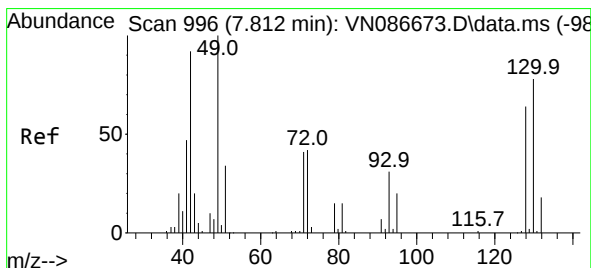
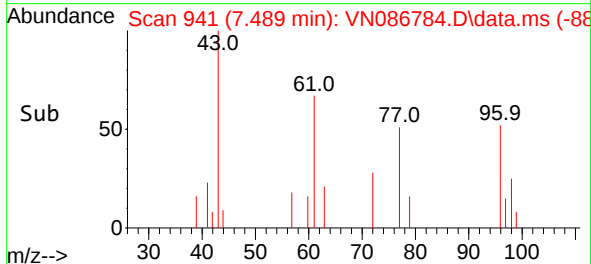
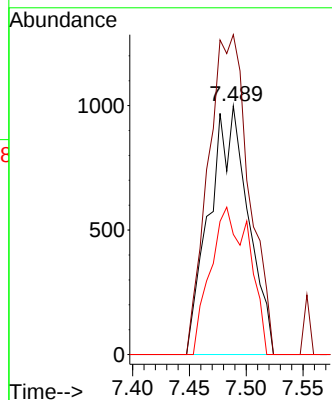
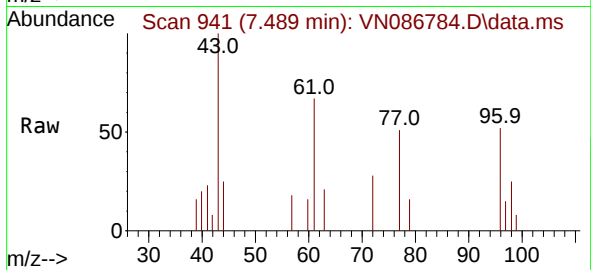




#27
cis-1,2-Dichloroethene
Concen: 0.735 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

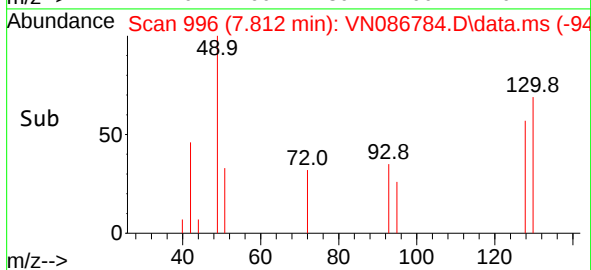
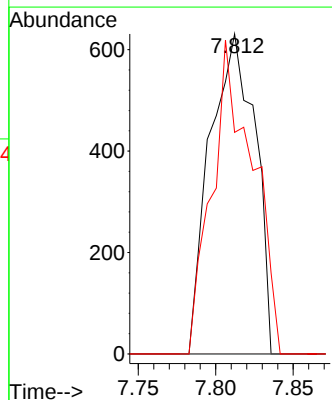
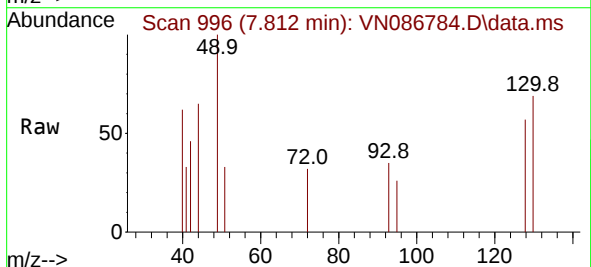
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

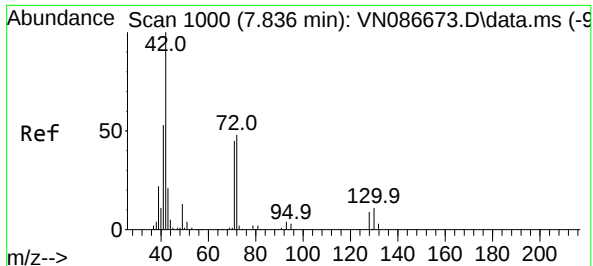
Tgt Ion: 96 Resp: 2371
Ion Ratio Lower Upper
96 100
61 135.9 0.0 277.4
98 59.4 0.0 129.6



#28
Bromochloromethane
Concen: 0.562 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 49 Resp: 1273
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 88.8 62.2 93.4





#29

Tetrahydrofuran

Concen: 2.943 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

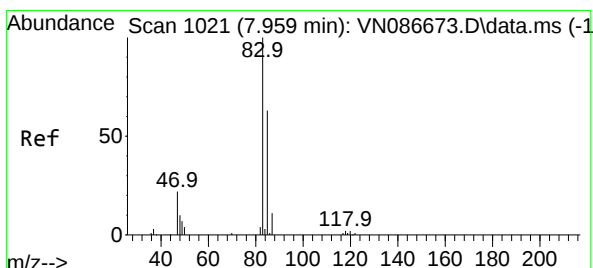
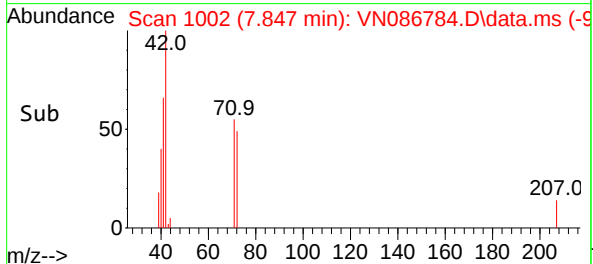
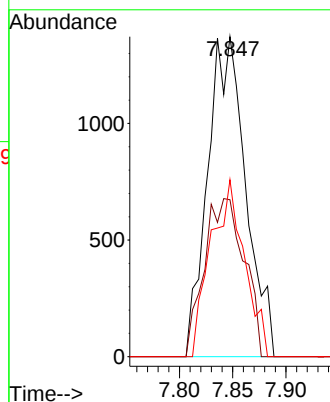
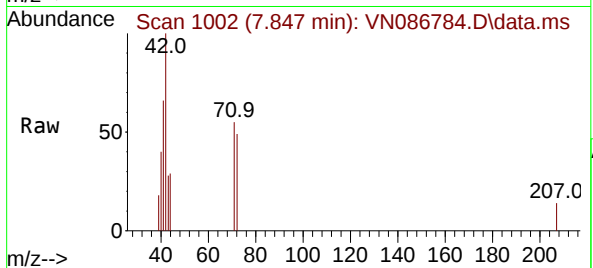
Tgt Ion: 42 Resp: 3419

Ion Ratio Lower Upper

42 100

72 51.8 38.7 58.1

71 48.9 36.2 54.4



#30

Chloroform

Concen: 0.667 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086784.D

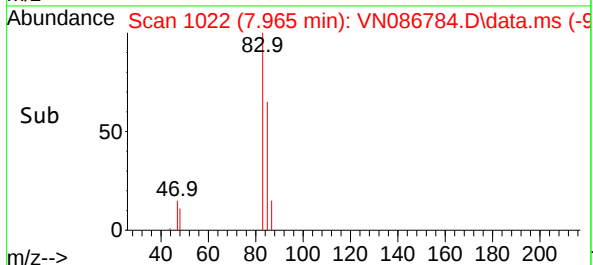
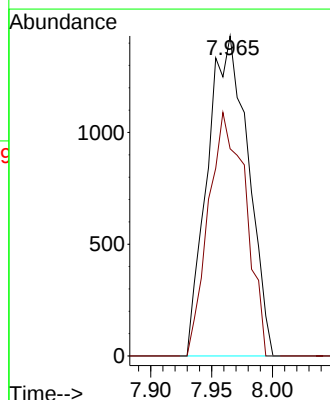
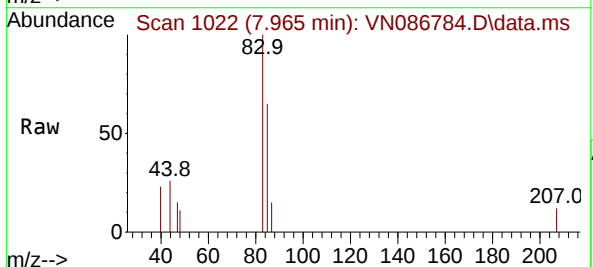
Acq: 27 May 2025 15:19

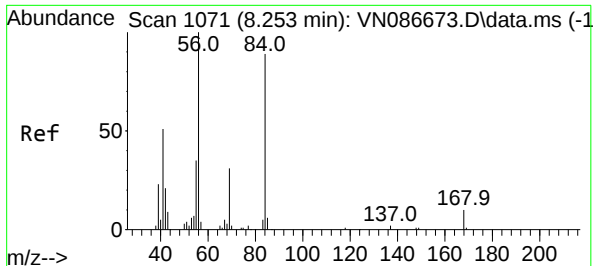
Tgt Ion: 83 Resp: 3326

Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.4

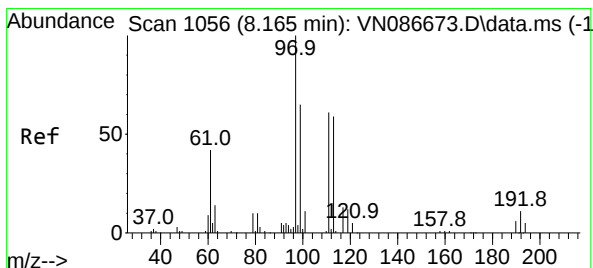
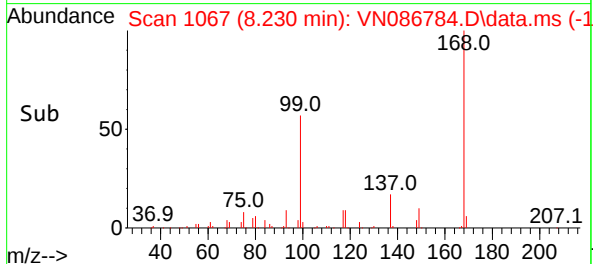
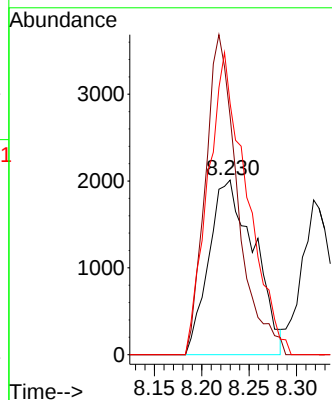
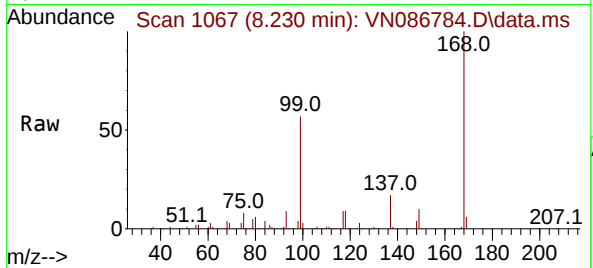




#31
Cyclohexane
Concen: 1.446 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

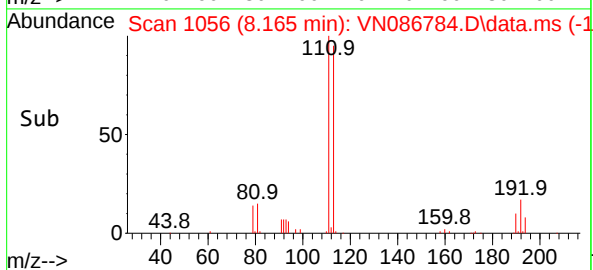
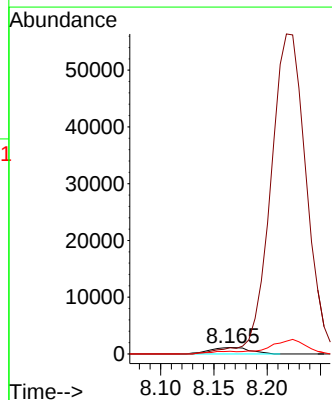
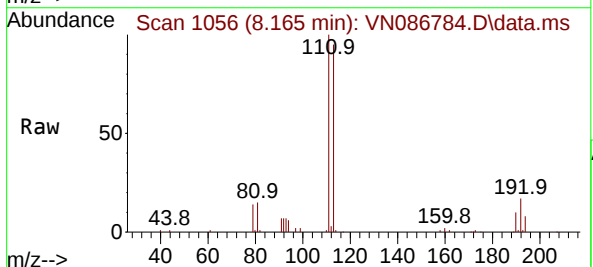
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

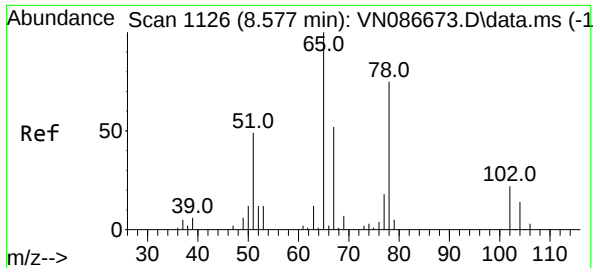
Tgt Ion: 56 Resp: 6684
Ion Ratio Lower Upper
56 100
69 136.4 25.0 37.6#
84 143.9 71.0 106.4#



#32
1,1,1-Trichloroethane
Concen: 0.712 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 97 Resp: 2994
Ion Ratio Lower Upper
97 100
99 0.0 52.6 79.0#
61 28.3 37.7 56.5#

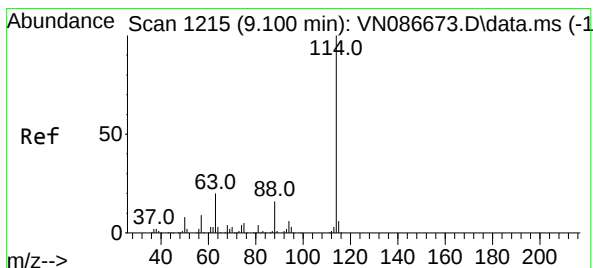
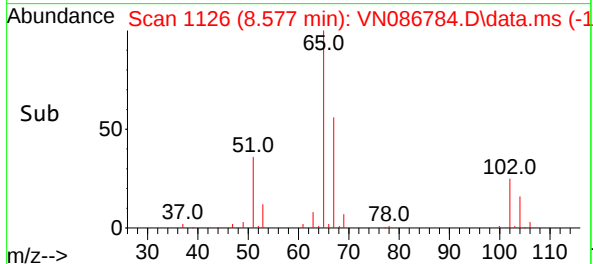
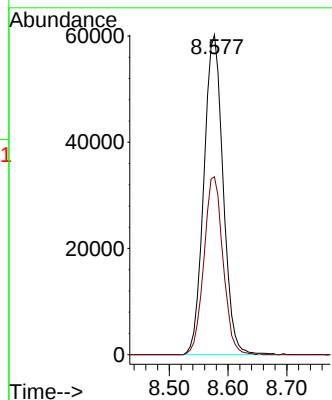
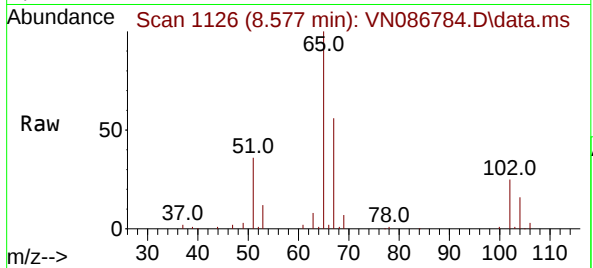




#33
 1,2-Dichloroethane-d4
 Concen: 44.460 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

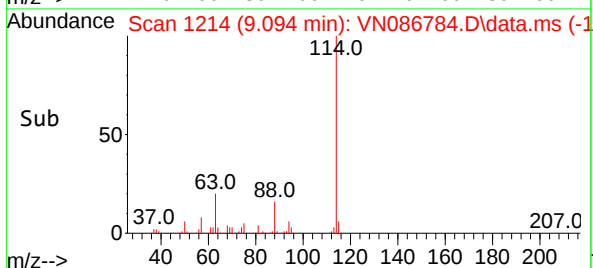
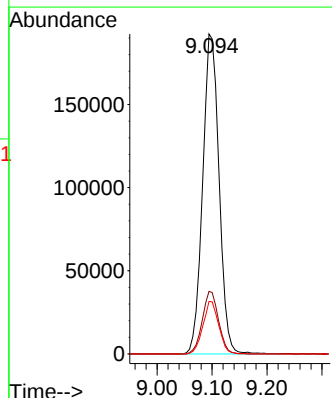
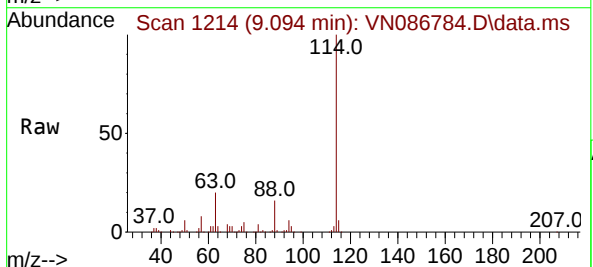
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

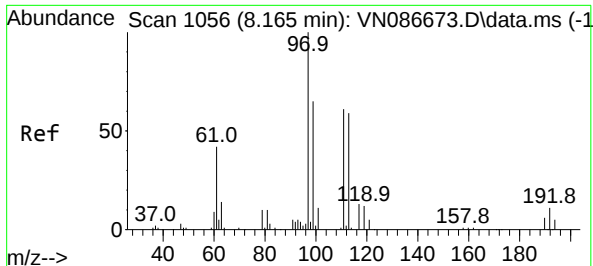
Tgt Ion: 65 Resp: 136911
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

Tgt Ion: 114 Resp: 398302
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.2
 88 16.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.162 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086784.D

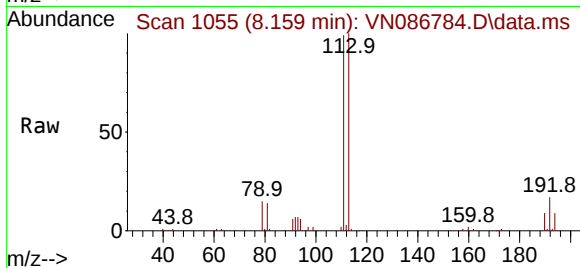
Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



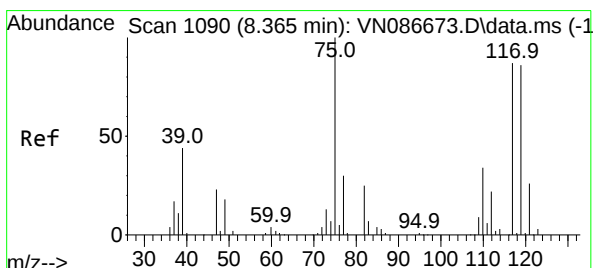
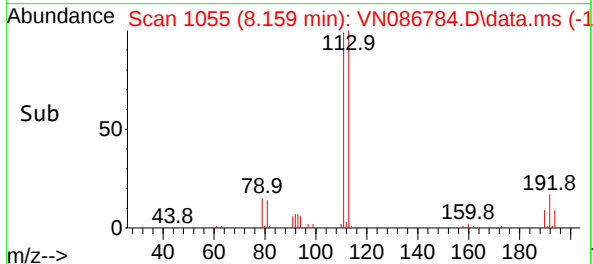
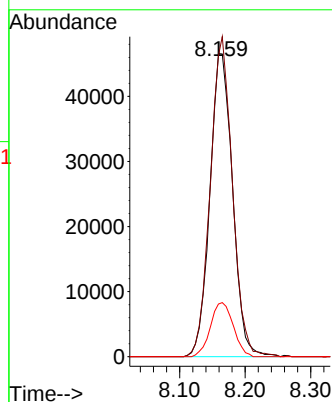
Tgt Ion:113 Resp: 111872

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 17.9 13.8 20.8



#36

1,1-Dichloropropene

Concen: 0.686 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

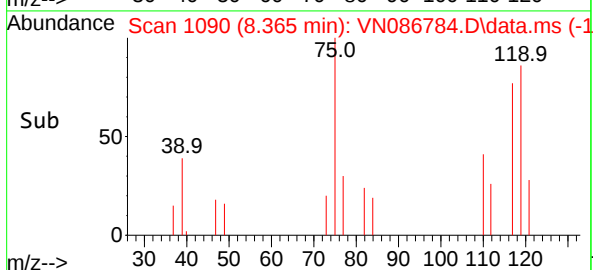
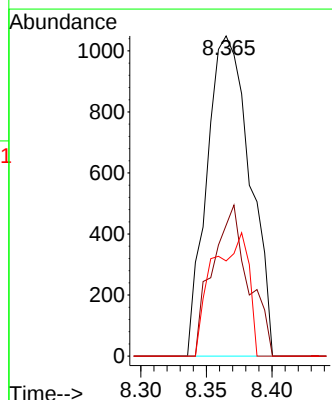
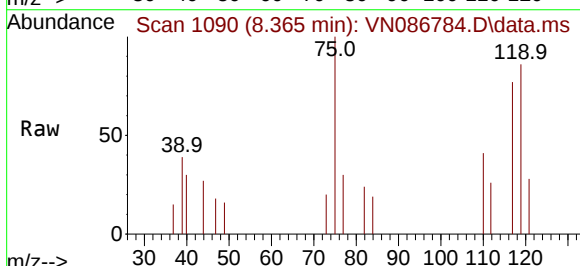
Tgt Ion: 75 Resp: 2400

Ion Ratio Lower Upper

75 100

110 39.3 17.5 52.5

77 32.2 25.1 37.7





#37

Ethyl Acetate

Concen: 0.648 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN086784.D

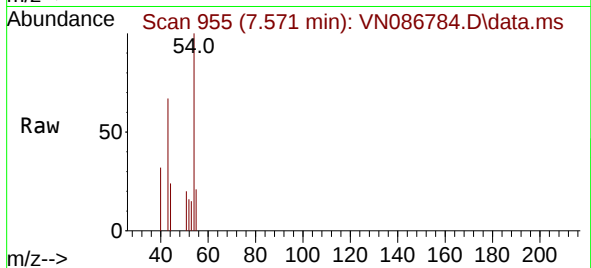
Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



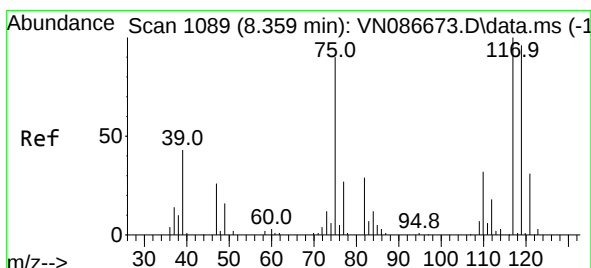
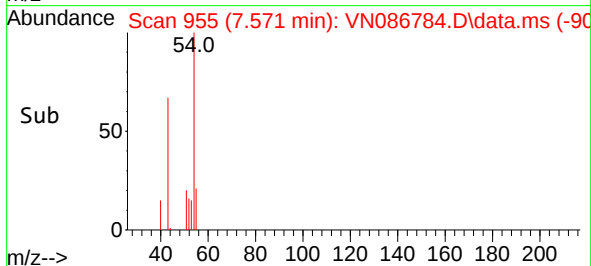
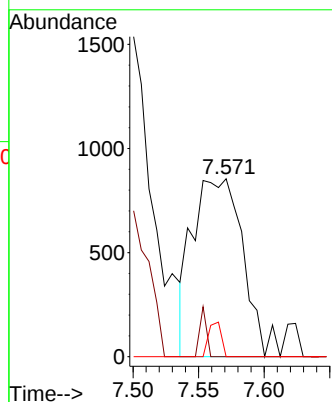
Tgt Ion: 43 Resp: 2291

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

70 4.9 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 0.687 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

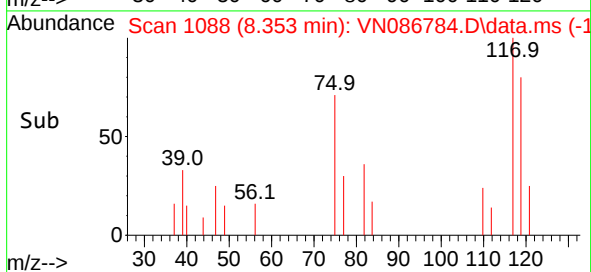
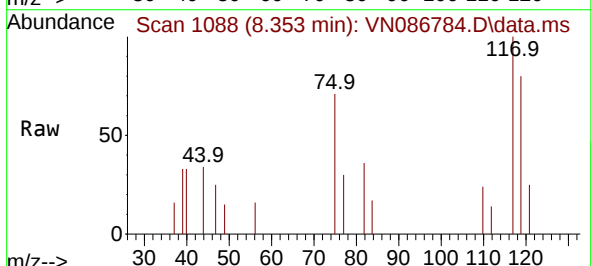
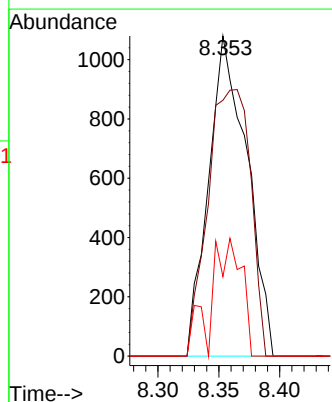
Tgt Ion: 117 Resp: 2367

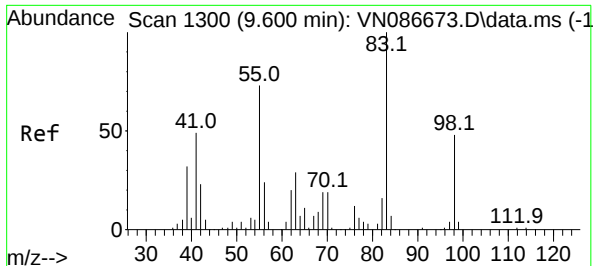
Ion Ratio Lower Upper

117 100

119 79.9 77.0 115.6

121 24.8 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.716 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

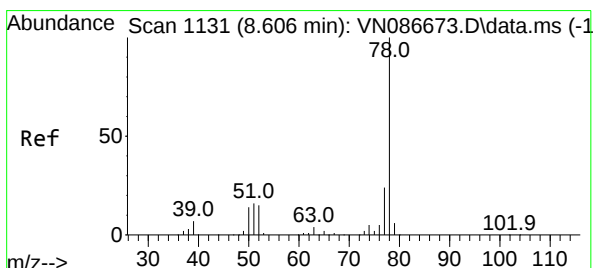
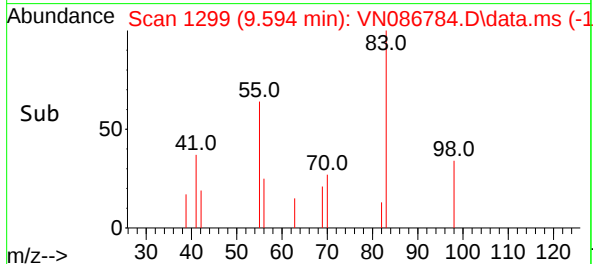
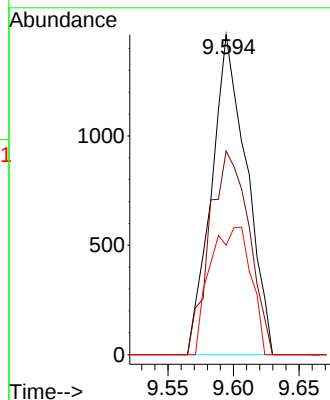
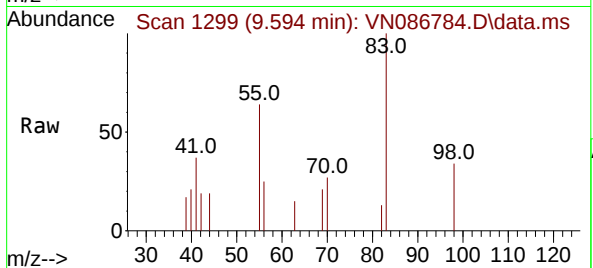
Tgt Ion: 83 Resp: 2711

Ion Ratio Lower Upper

83 100

55 63.6 58.2 87.4

98 34.2 38.4 57.6#



#40

Benzene

Concen: 0.710 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086784.D

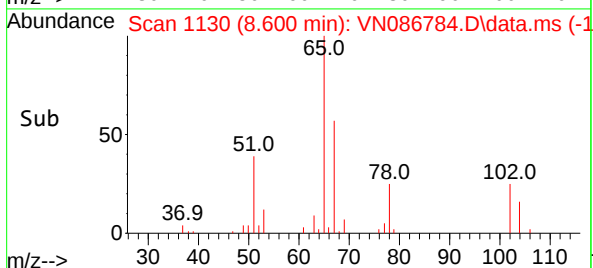
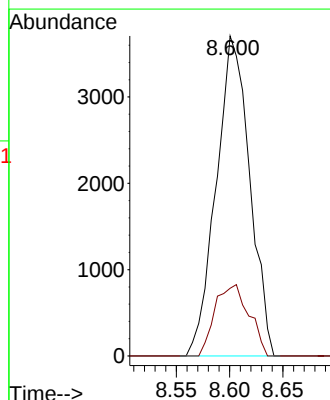
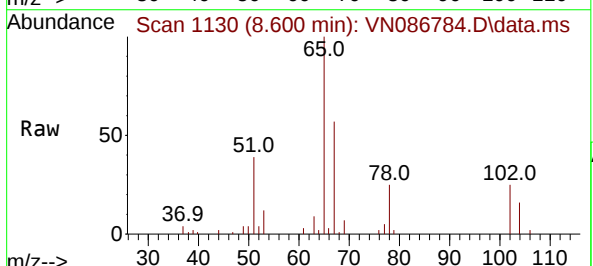
Acq: 27 May 2025 15:19

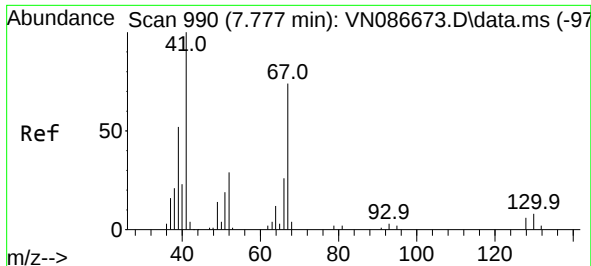
Tgt Ion: 78 Resp: 8105

Ion Ratio Lower Upper

78 100

77 21.2 19.1 28.7

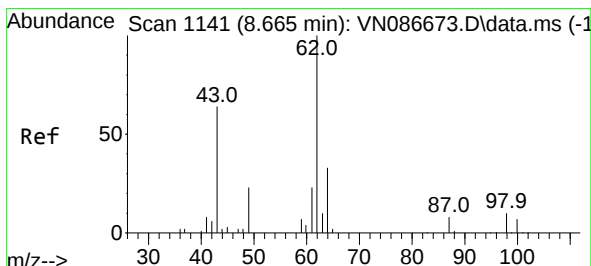
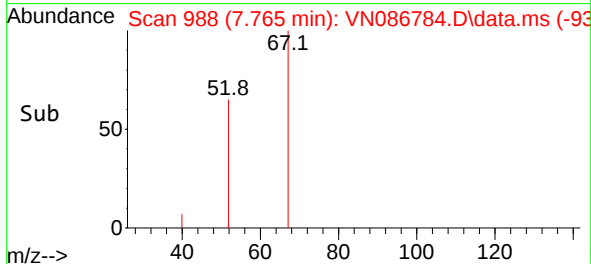
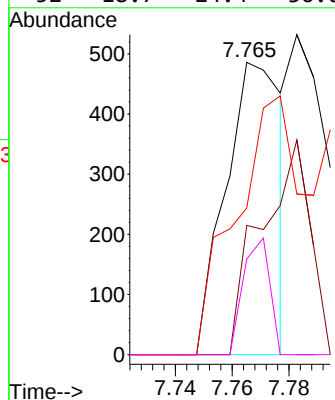
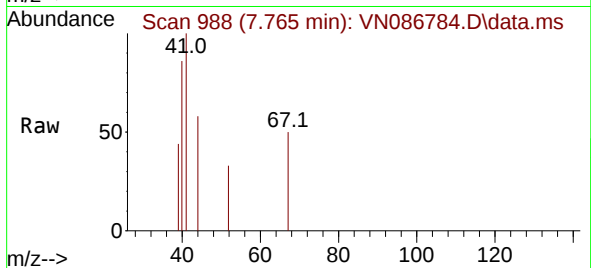




#41
Methacrylonitrile
Concen: 0.350 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

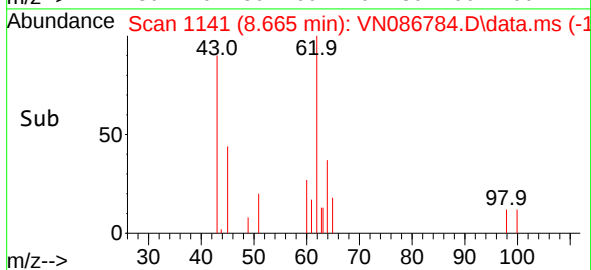
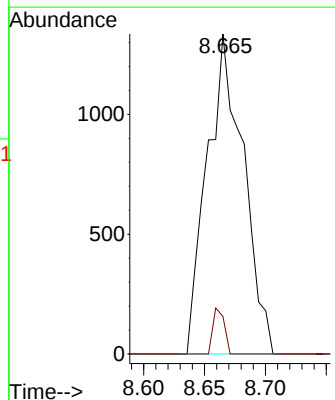
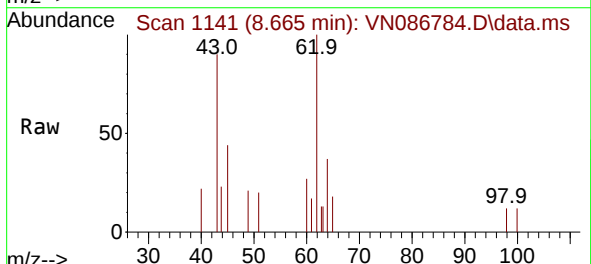
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

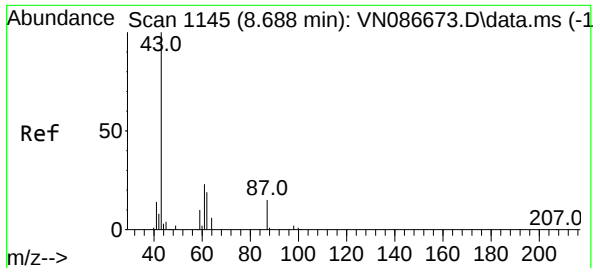
Tgt Ion: 41	Resp: 668
Ion Ratio	Lower Upper
41 100	
39 63.8	44.9 67.3
67 126.5	63.4 95.0#
52 18.7	24.4 36.6#



#42
1,2-Dichloroethane
Concen: 0.779 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 62	Resp: 2769
Ion Ratio	Lower Upper
62 100	
98 4.4	0.0 19.2

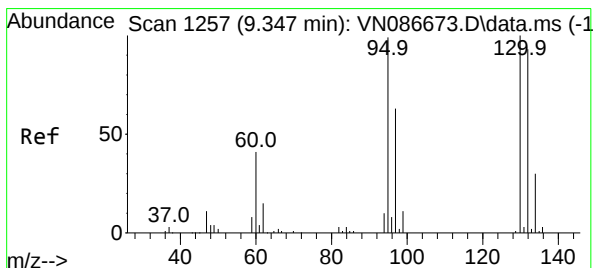
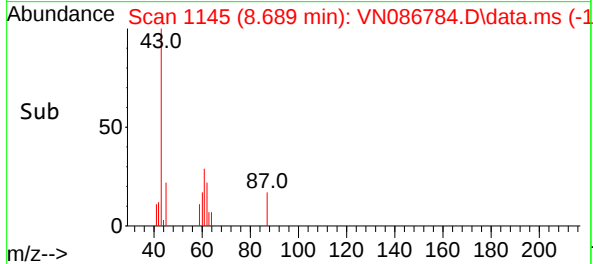
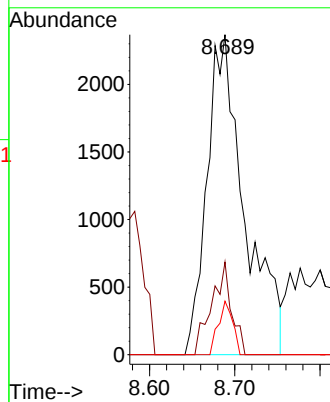
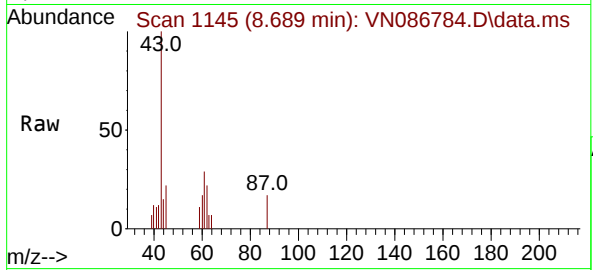




#43
Isopropyl Acetate
Concen: 1.025 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

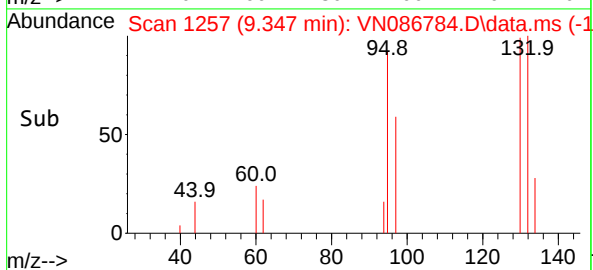
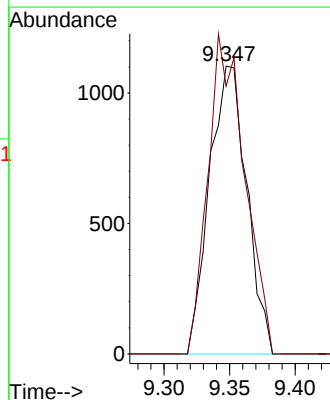
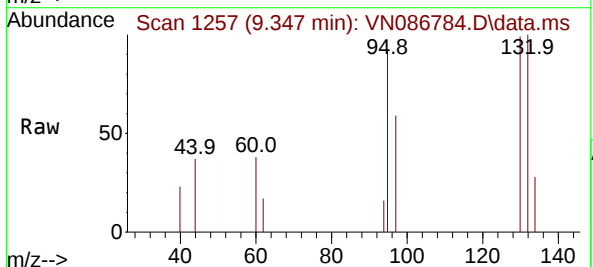
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 7266
Ion Ratio Lower Upper
43 100
61 15.4 21.4 32.2#
87 6.4 11.1 16.7#



#44
Trichloroethene
Concen: 0.793 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion:130 Resp: 2182
Ion Ratio Lower Upper
130 100
95 93.0 0.0 197.0





#45

1,2-Dichloropropane

Concen: 0.628 ug/l

RT: 9.612 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

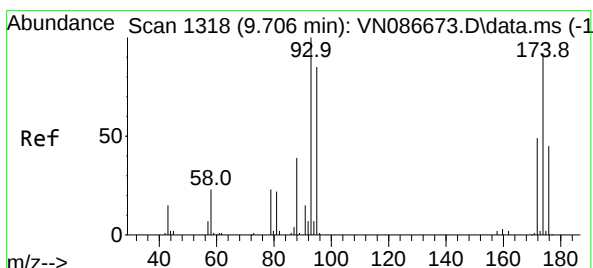
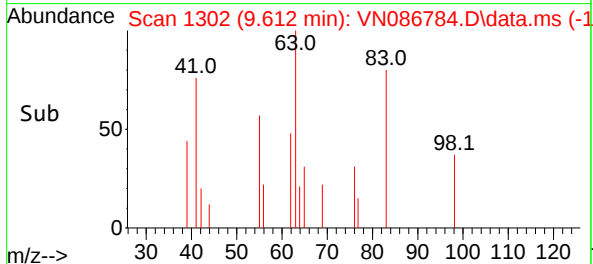
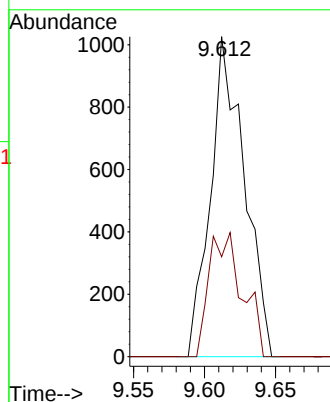
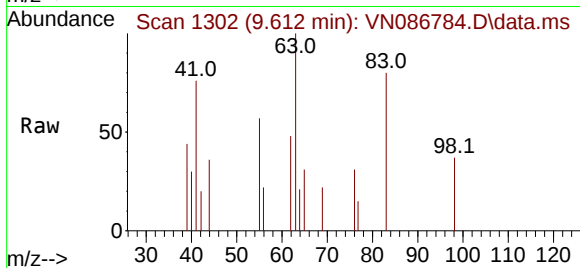
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 63 Resp: 1704

Ion Ratio Lower Upper

63 100

65 31.2 25.8 38.6



#46

Dibromomethane

Concen: 0.726 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

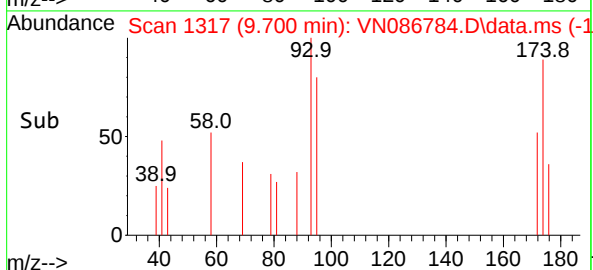
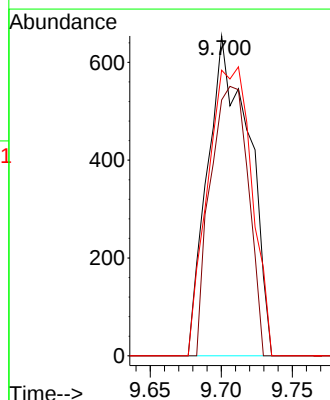
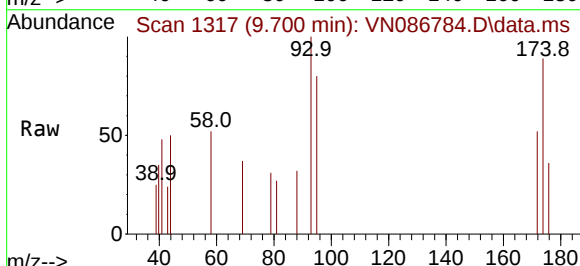
Tgt Ion: 93 Resp: 1328

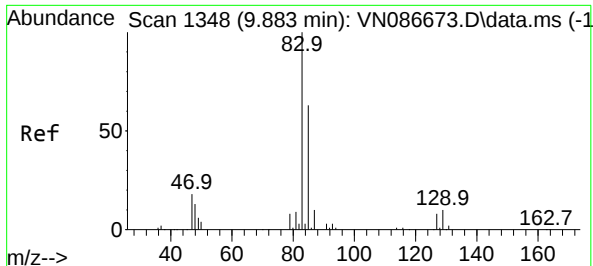
Ion Ratio Lower Upper

93 100

95 76.9 67.1 100.7

174 95.4 73.8 110.6





#47

Bromodichloromethane

Concen: 0.703 ug/l

RT: 9.889 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

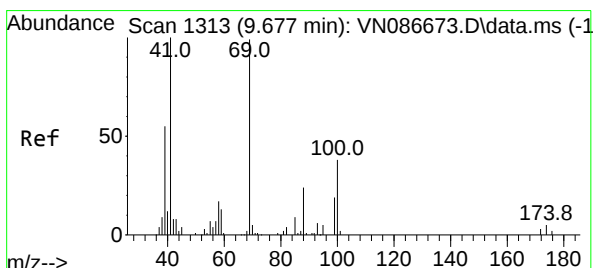
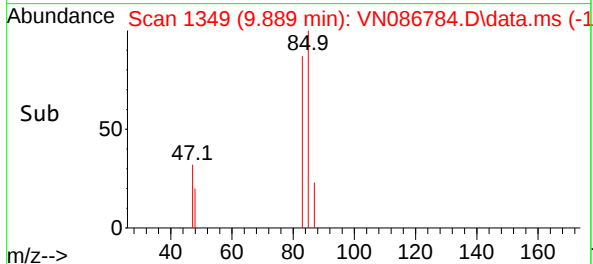
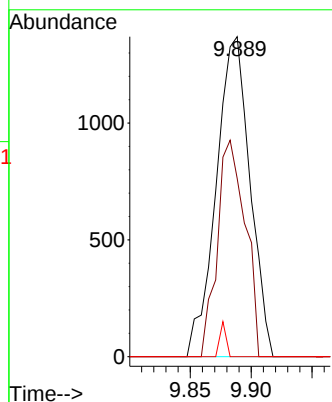
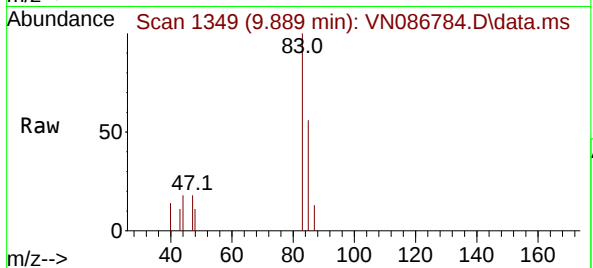
Tgt Ion: 83 Resp: 2649

Ion Ratio Lower Upper

83 100

85 55.8 50.1 75.1

127 0.0 6.2 9.4#



#48

Methyl methacrylate

Concen: 0.671 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

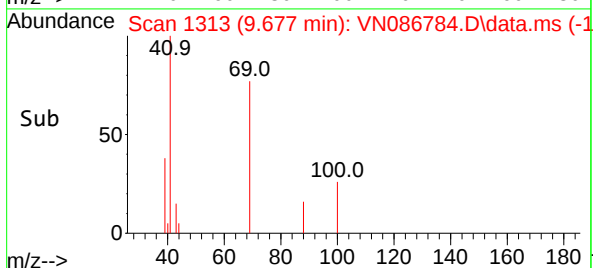
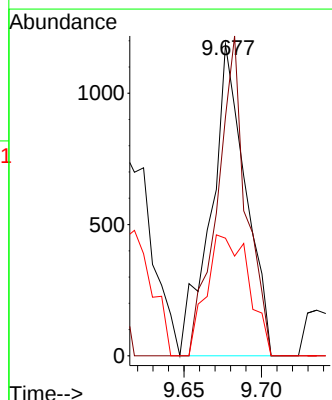
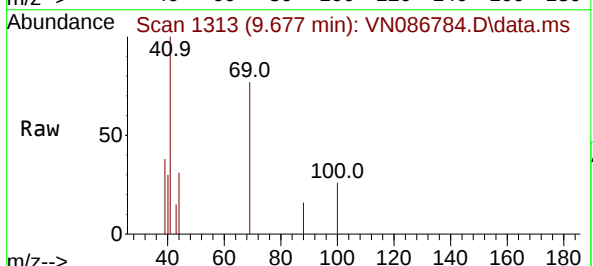
Tgt Ion: 41 Resp: 1843

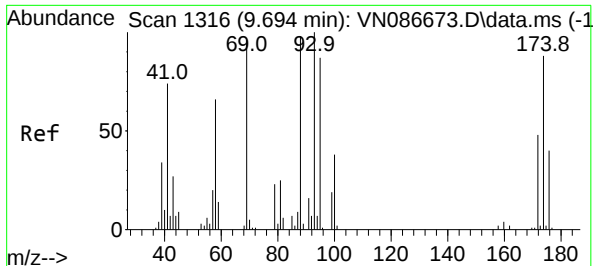
Ion Ratio Lower Upper

41 100

69 86.2 74.1 111.1

39 47.5 44.1 66.1





#49

1,4-Dioxane

Concen: 11.301 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

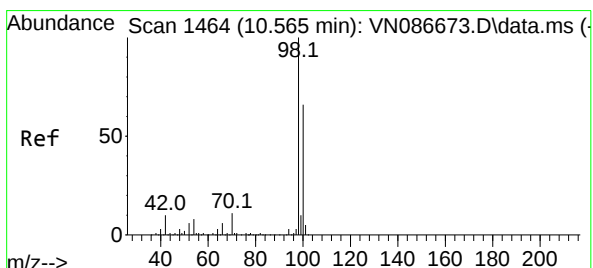
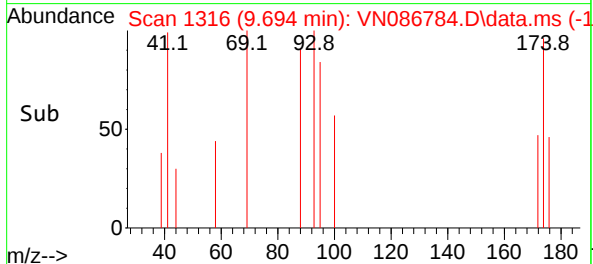
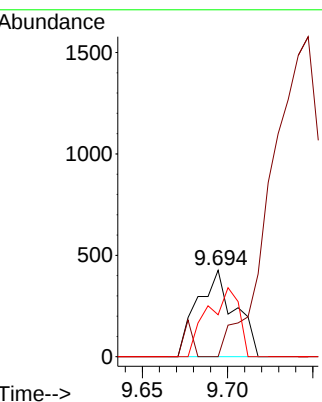
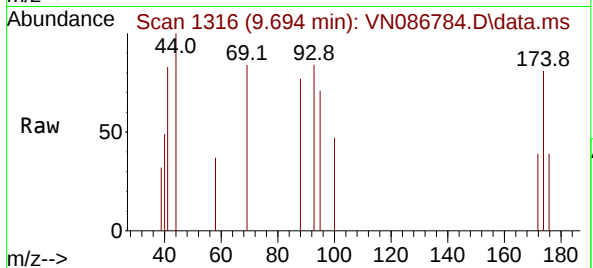
Tgt Ion: 88 Resp: 657

Ion Ratio Lower Upper

88 100

43 0.0 23.6 35.4#

58 66.4 55.3 82.9



#50

Toluene-d8

Concen: 47.313 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086784.D

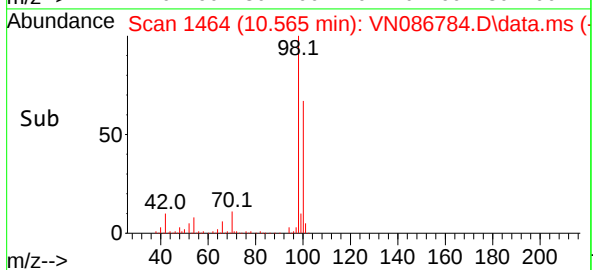
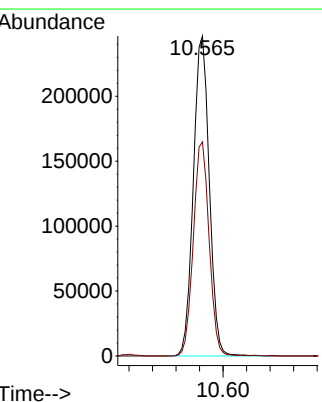
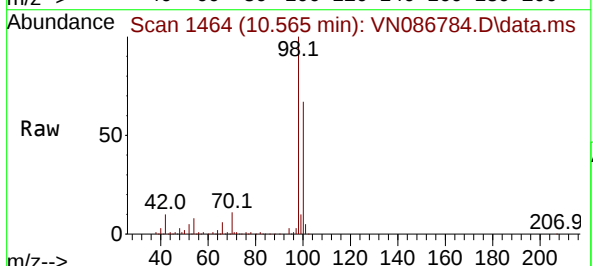
Acq: 27 May 2025 15:19

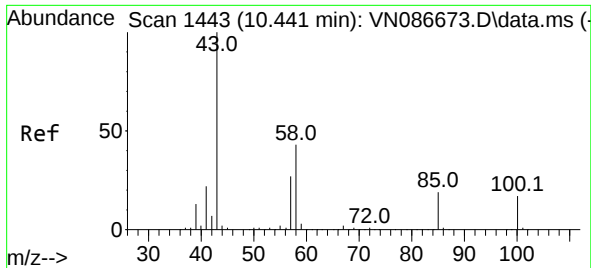
Tgt Ion: 98 Resp: 465086

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3

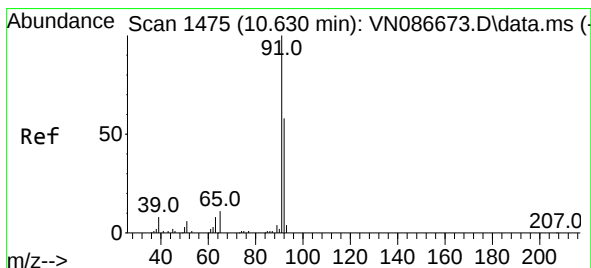
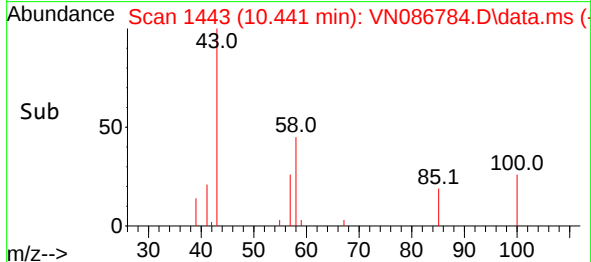
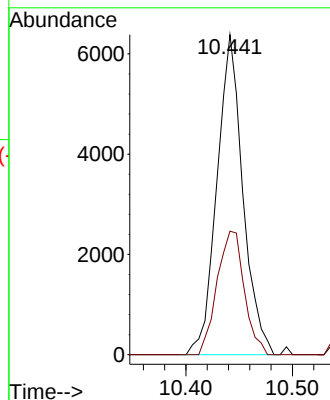
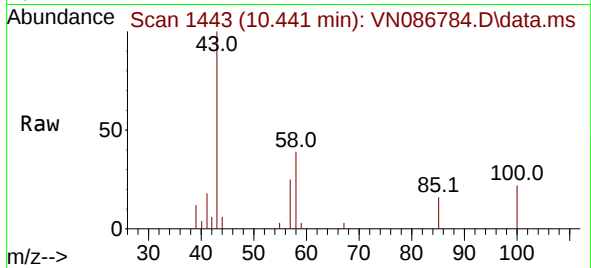




#51
4-Methyl-2-Pentanone
Concen: 3.021 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

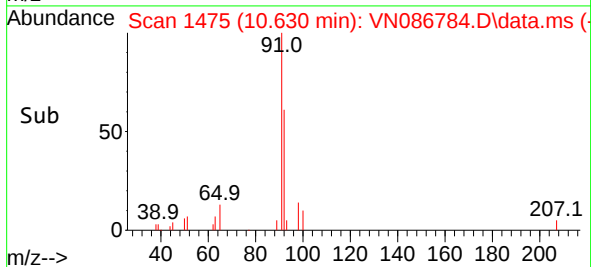
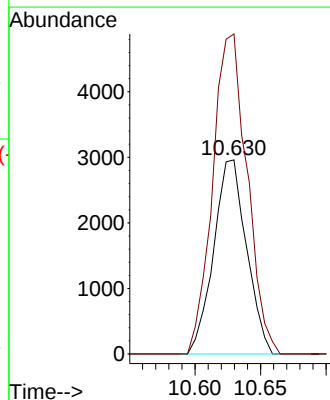
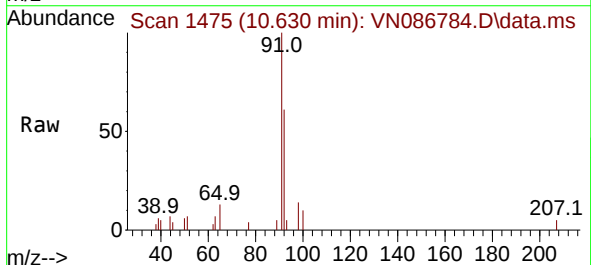
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

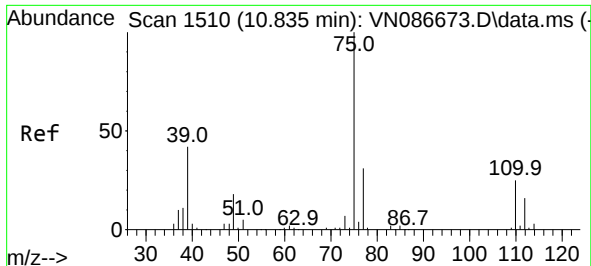
Tgt Ion: 43 Resp: 10795
Ion Ratio Lower Upper
43 100
58 40.4 33.9 50.9



#52
Toluene
Concen: 0.727 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 92 Resp: 5160
Ion Ratio Lower Upper
92 100
91 172.5 137.8 206.8

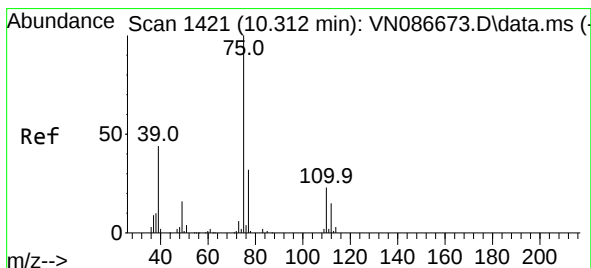
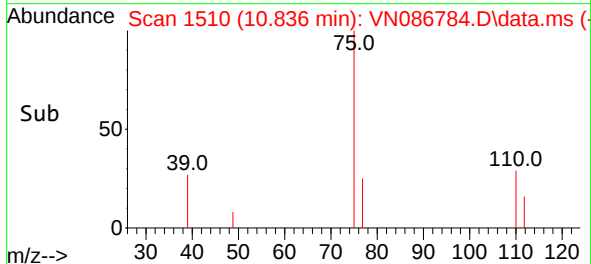
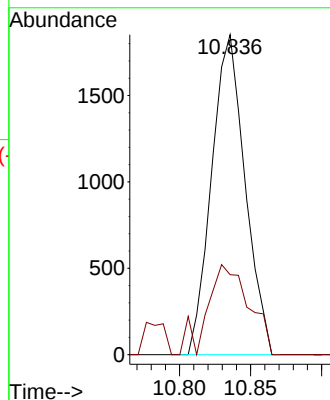
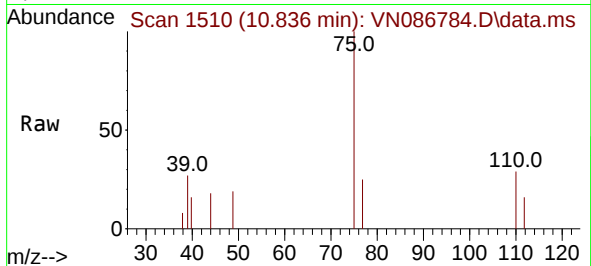




#53
 t-1,3-Dichloropropene
 Concen: 0.759 ug/l
 RT: 10.836 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

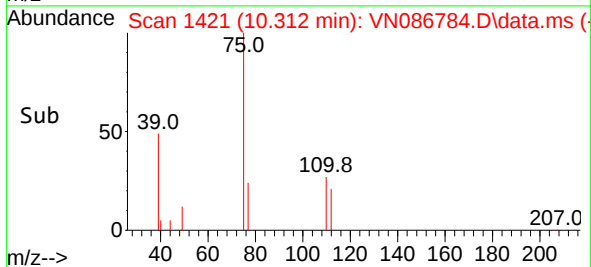
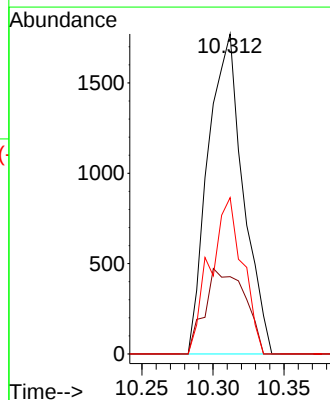
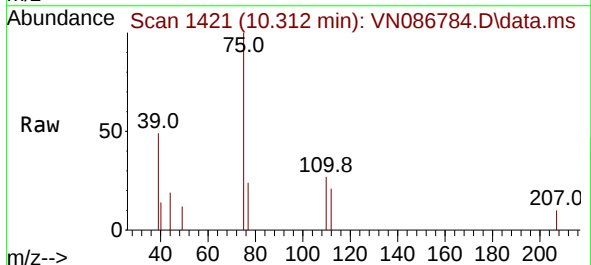
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

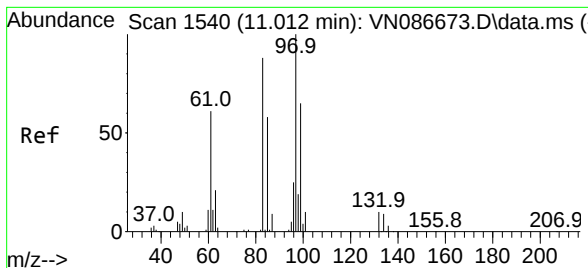
Tgt Ion: 75 Resp: 3030
 Ion Ratio Lower Upper
 75 100
 77 25.0 25.2 37.8#



#54
 cis-1,3-Dichloropropene
 Concen: 0.698 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

Tgt Ion: 75 Resp: 3040
 Ion Ratio Lower Upper
 75 100
 77 24.2 25.3 37.9#
 39 48.8 35.2 52.8





#55

1,1,2-Trichloroethane

Concen: 0.696 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 97 Resp: 1841

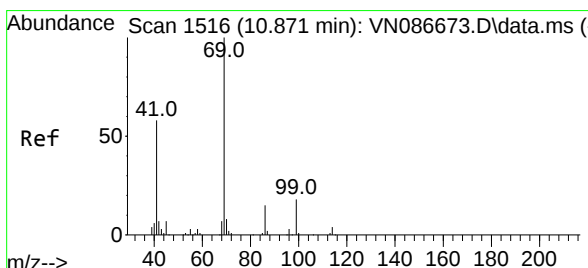
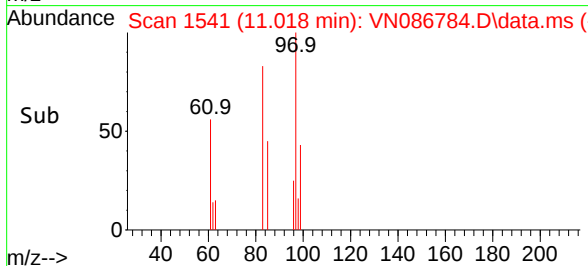
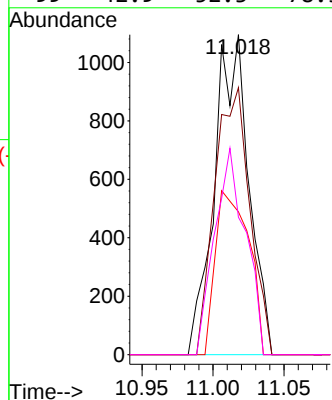
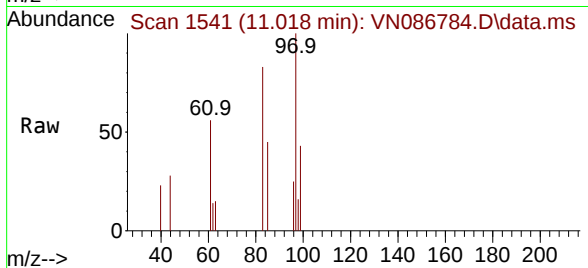
Ion Ratio Lower Upper

97 100

83 83.5 70.4 105.6

85 44.7 46.1 69.1#

99 42.9 52.3 78.5#



#56

Ethyl methacrylate

Concen: 0.611 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

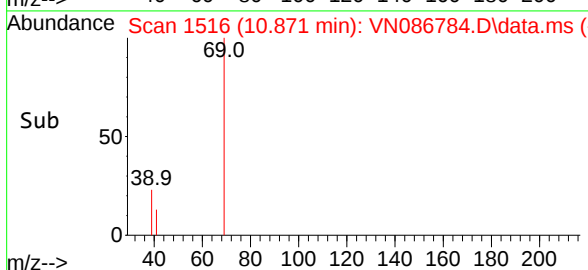
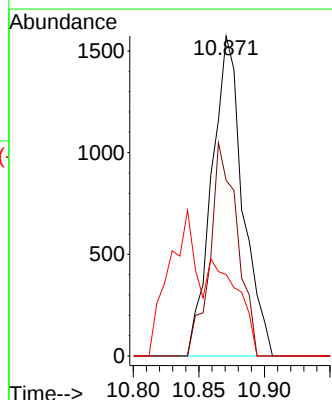
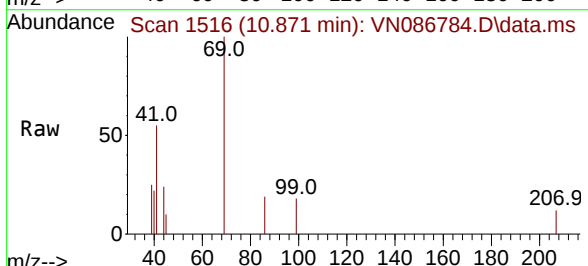
Tgt Ion: 69 Resp: 2596

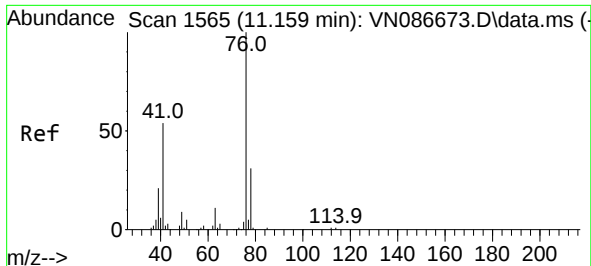
Ion Ratio Lower Upper

69 100

41 58.5 47.4 71.0

39 29.3 24.0 36.0

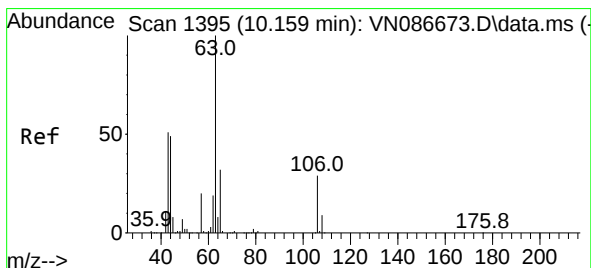
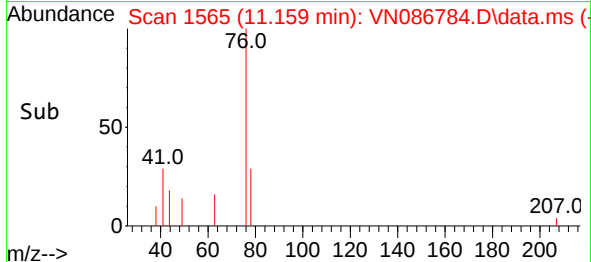
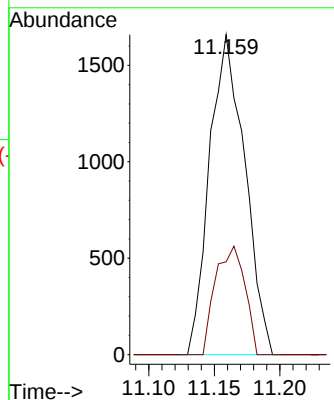
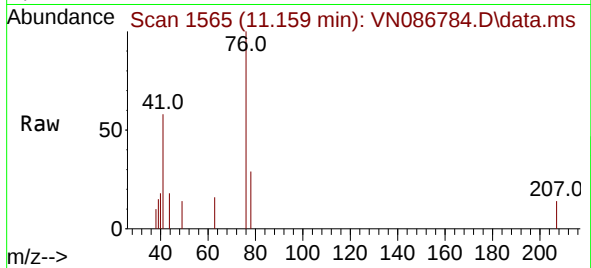




#57
1,3-Dichloropropane
Concen: 0.680 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

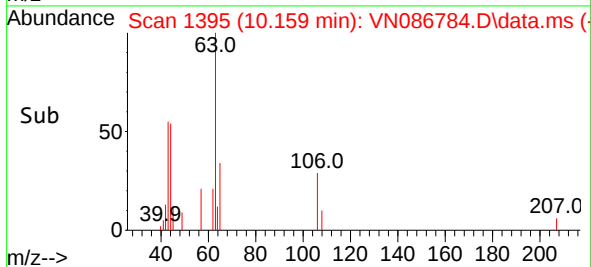
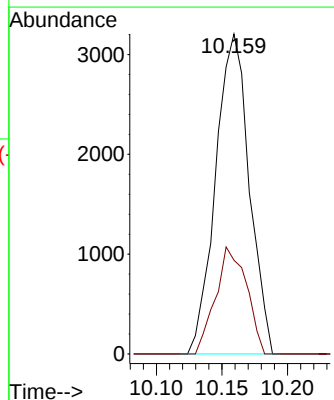
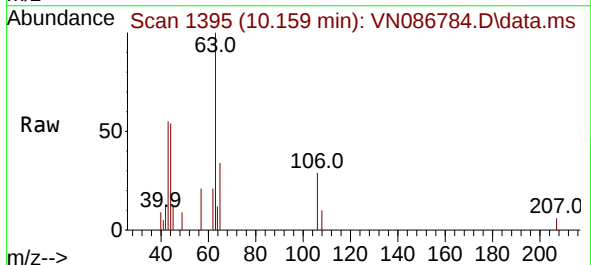
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

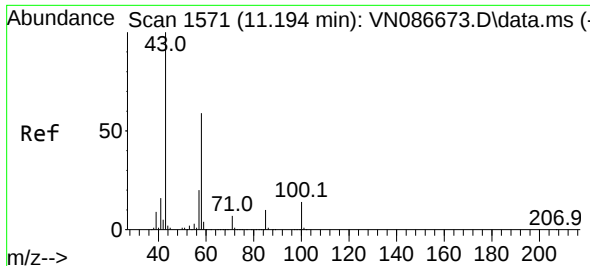
Tgt Ion: 76 Resp: 3100
Ion Ratio Lower Upper
76 100
78 28.3 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 3.008 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 63 Resp: 5712
Ion Ratio Lower Upper
63 100
106 30.8 23.1 34.7

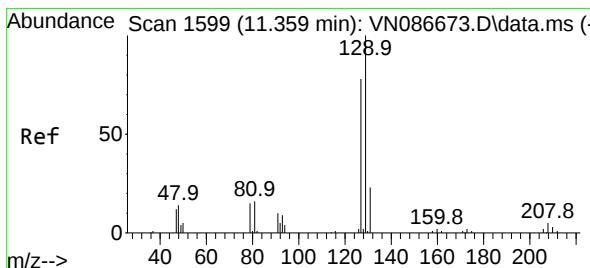
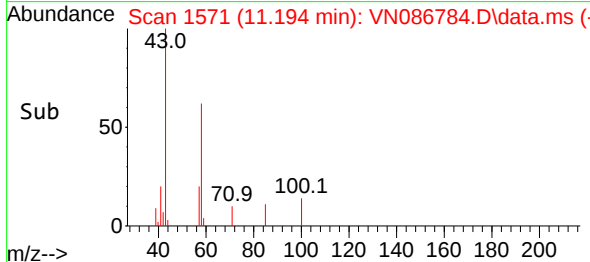
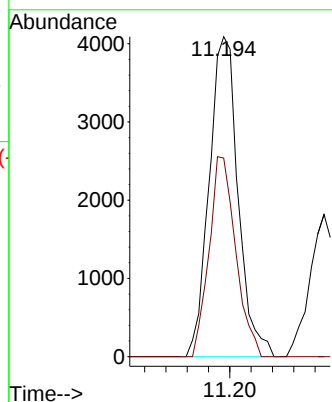
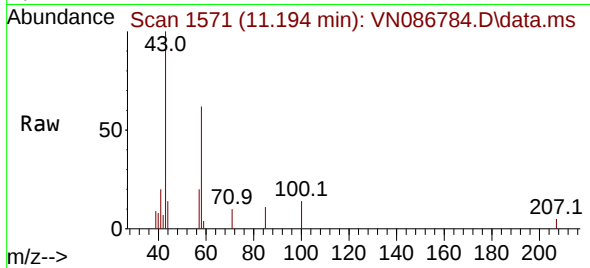




#59
2-Hexanone
Concen: 2.945 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

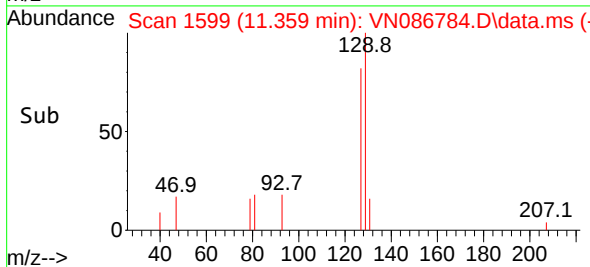
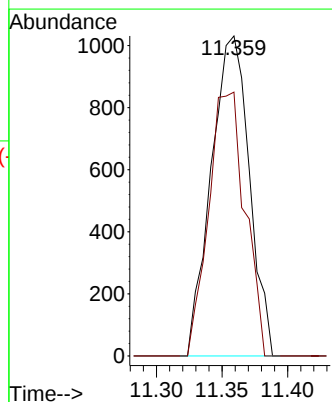
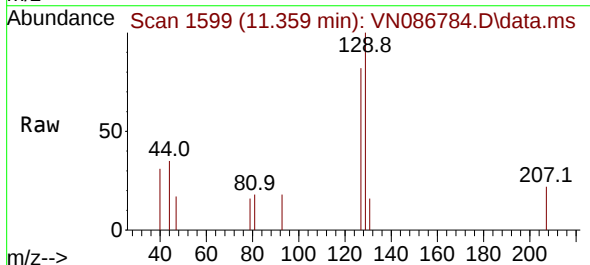
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

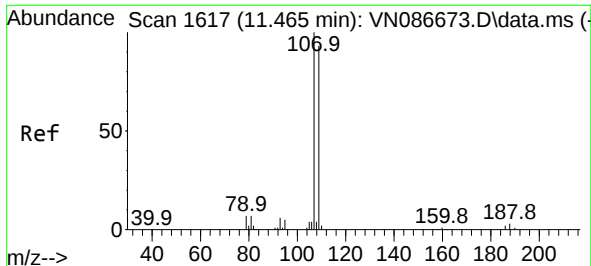
Tgt Ion: 43 Resp: 7684
Ion Ratio Lower Upper
43 100
58 57.7 29.8 89.5



#60
Dibromochloromethane
Concen: 0.753 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 129 Resp: 2088
Ion Ratio Lower Upper
129 100
127 78.8 39.5 118.3

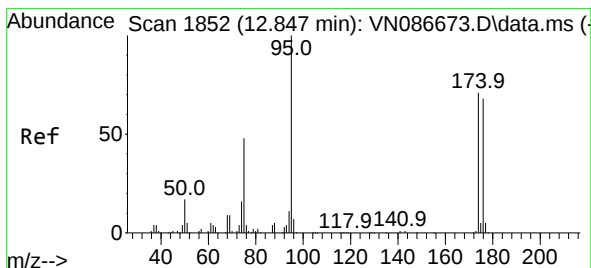
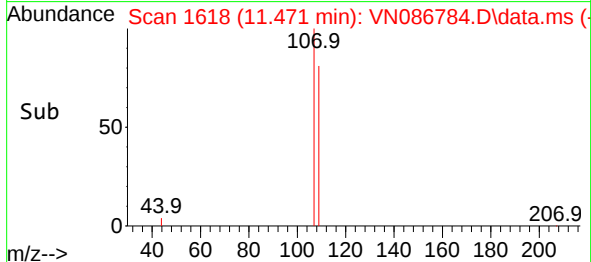
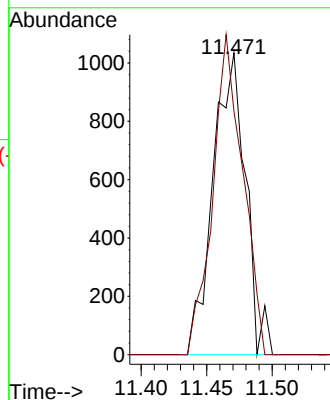
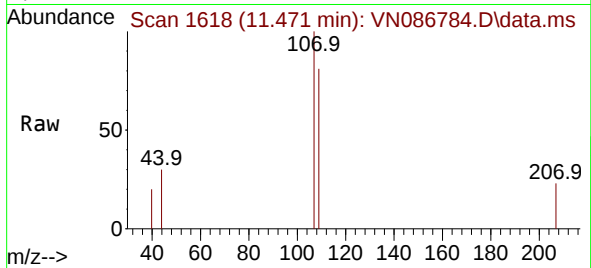




#61
1,2-Dibromoethane
Concen: 0.668 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

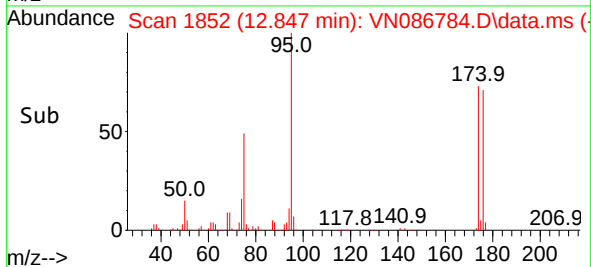
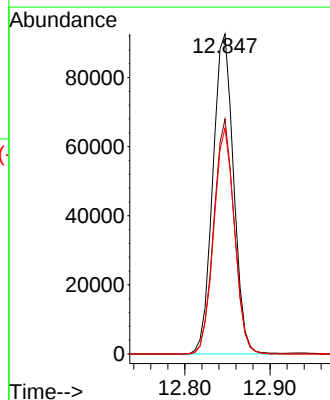
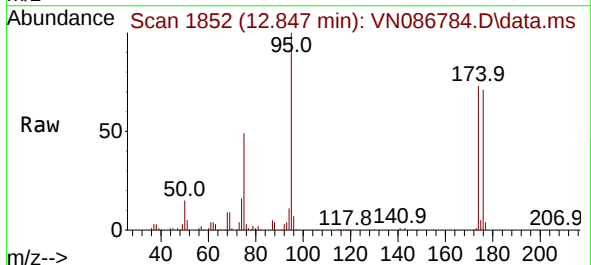
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

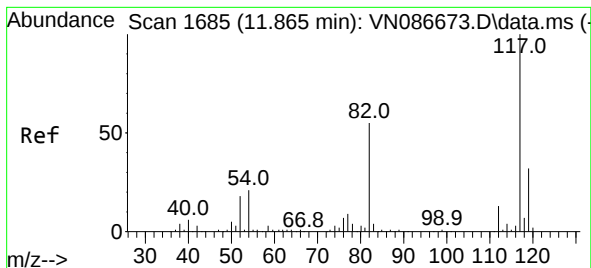
Tgt Ion:107 Resp: 1776
Ion Ratio Lower Upper
107 100
109 98.5 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 45.179 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 95 Resp: 156810
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.4
176 70.3 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

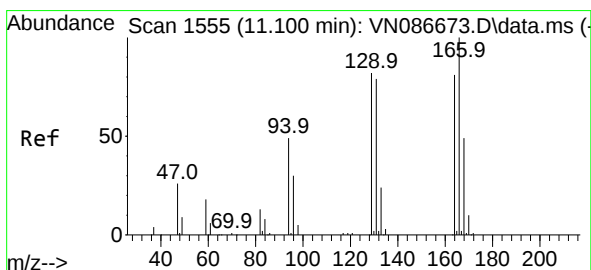
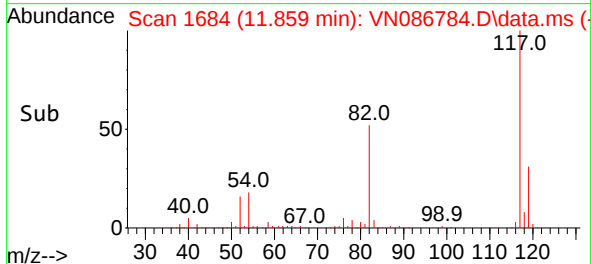
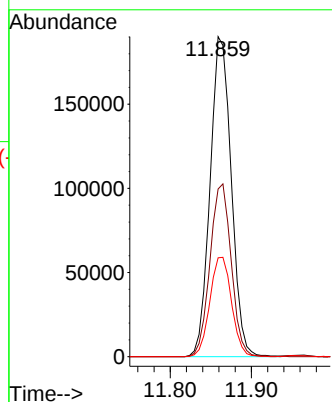
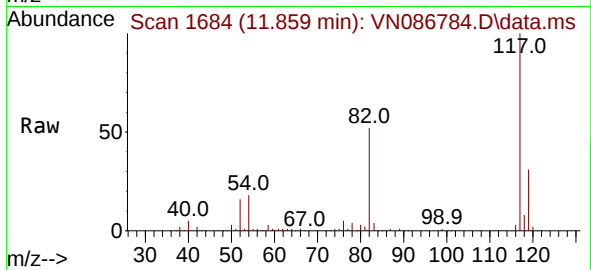
Tgt Ion:117 Resp: 344453

Ion Ratio Lower Upper

117 100

82 52.4 44.2 66.2

119 30.9 25.4 38.2



#64

Tetrachloroethene

Concen: 1.016 ug/l

RT: 11.094 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Tgt Ion:164 Resp: 2681

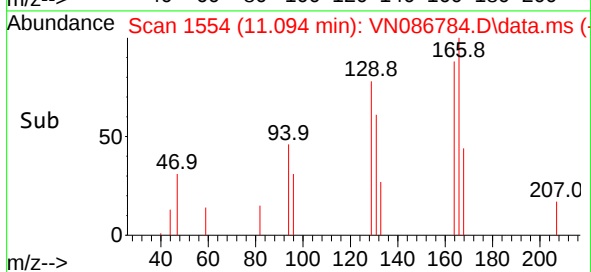
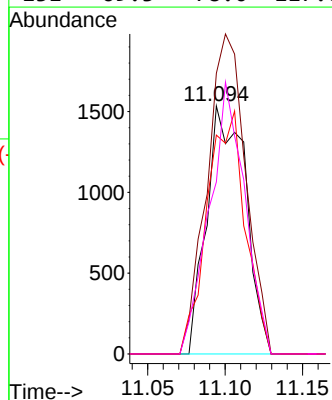
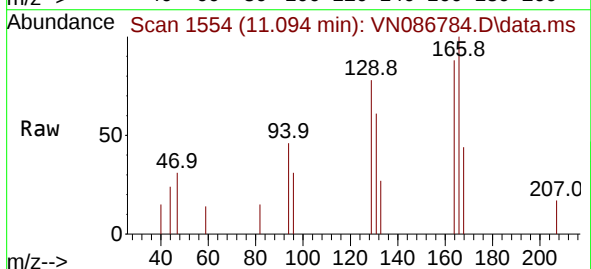
Ion Ratio Lower Upper

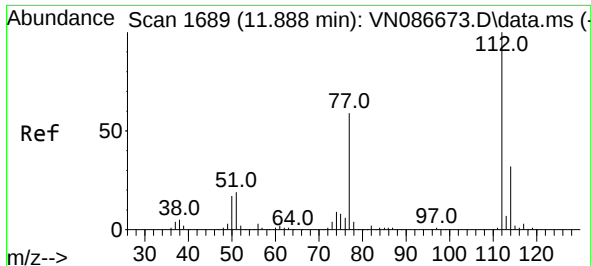
164 100

166 113.2 98.2 147.4

129 88.2 81.0 121.4

131 69.3 78.0 117.0#

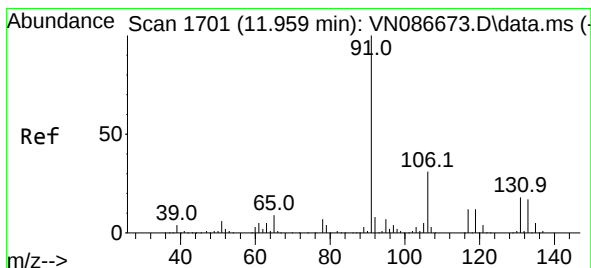
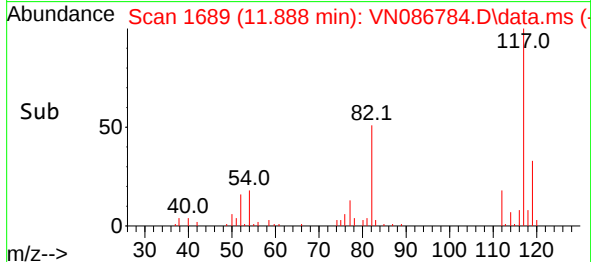
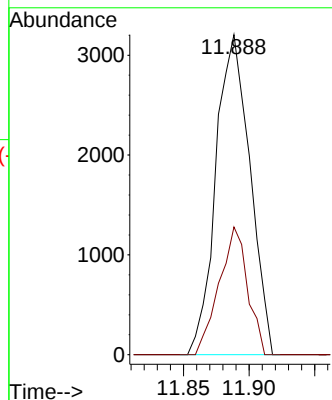
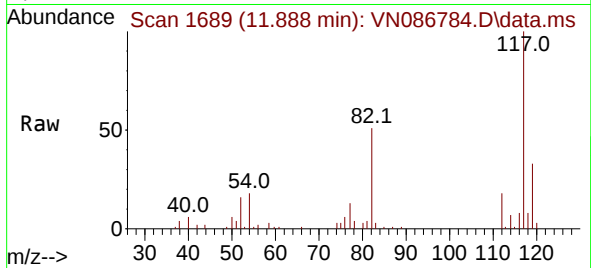




#65
Chlorobenzene
Concen: 0.766 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

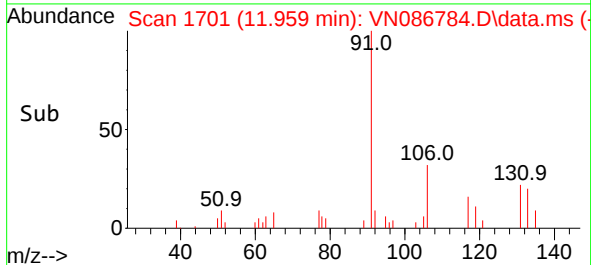
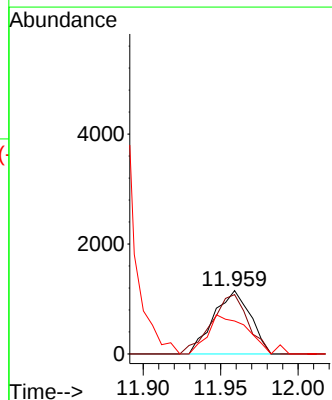
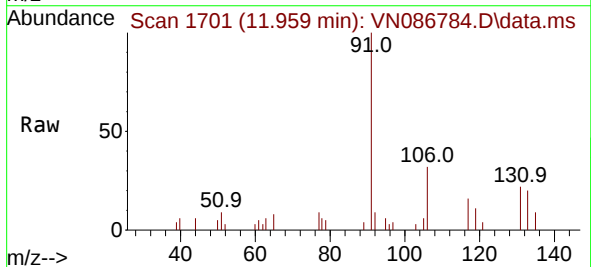
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

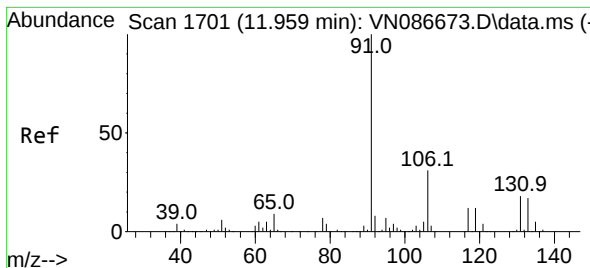
Tgt Ion:112 Resp: 5788
Ion Ratio Lower Upper
112 100
114 39.9 25.9 38.9#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.777 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion:131 Resp: 1895
Ion Ratio Lower Upper
131 100
133 93.2 47.9 143.7
119 0.0 33.6 100.8#

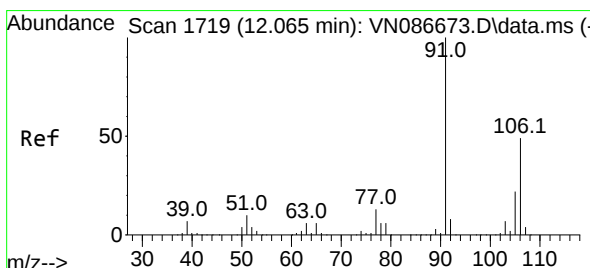
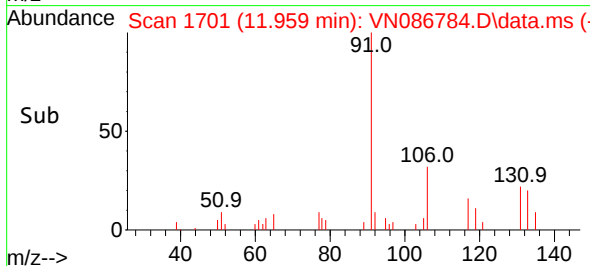
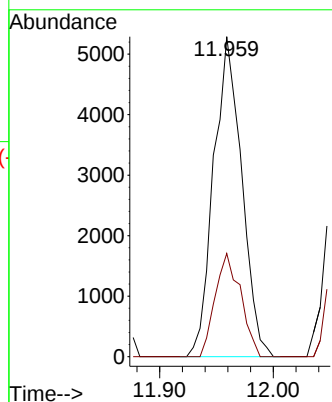
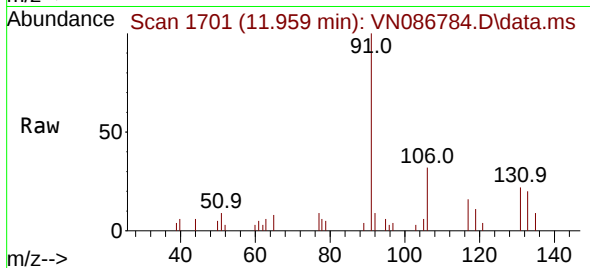




#67
Ethyl Benzene
Concen: 0.702 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

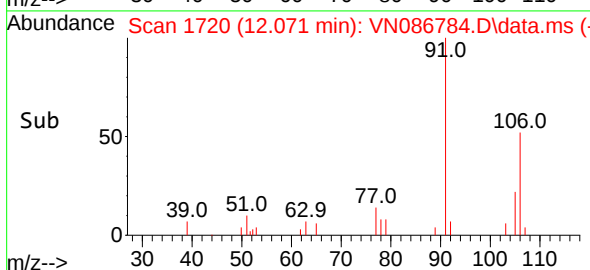
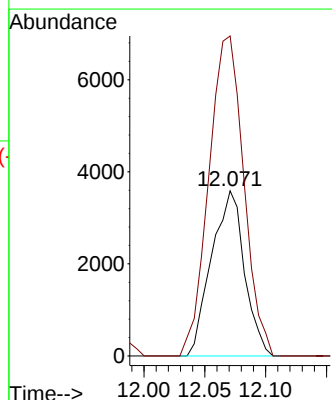
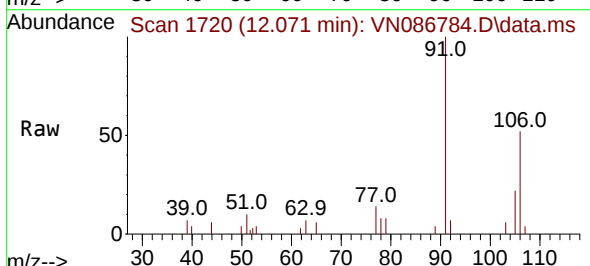
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

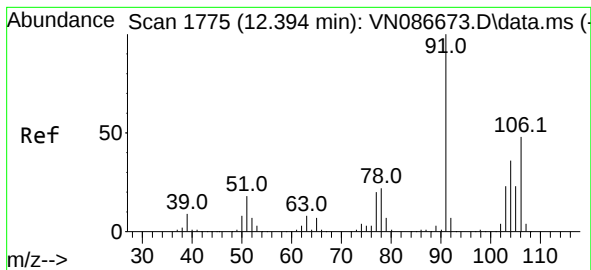
Tgt Ion: 91 Resp: 9081
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#68
m/p-Xylenes
Concen: 1.378 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion:106 Resp: 6751
Ion Ratio Lower Upper
106 100
91 205.8 162.4 243.6





#69

o-Xylene

Concen: 0.620 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

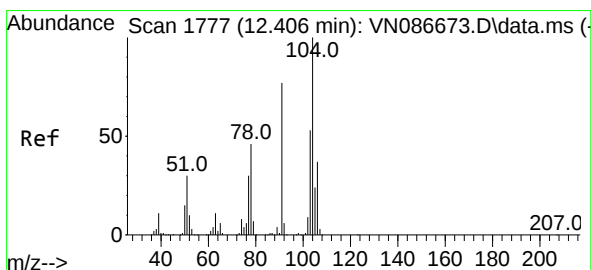
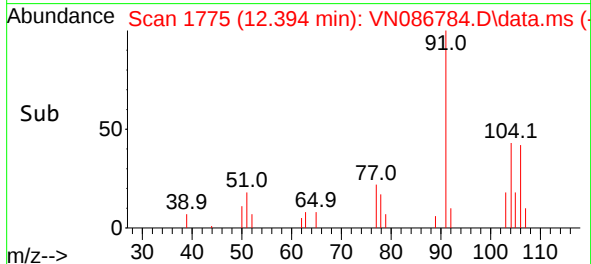
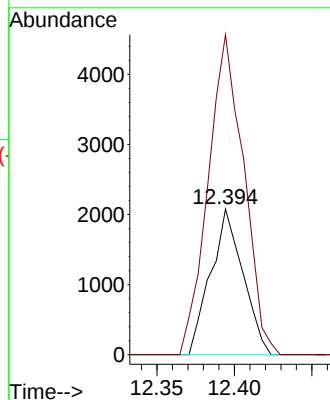
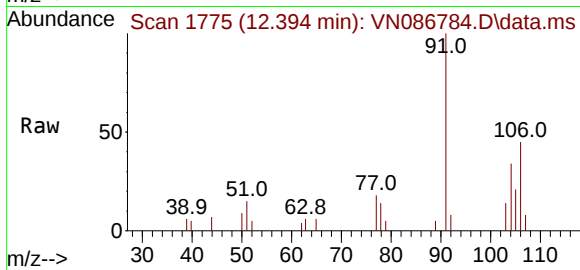
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:106 Resp: 3022

Ion Ratio Lower Upper

106 100

91 241.3 105.1 315.1



#70

Styrene

Concen: 0.631 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

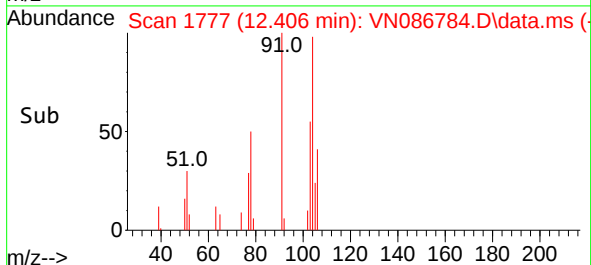
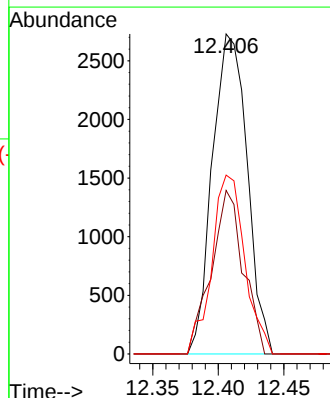
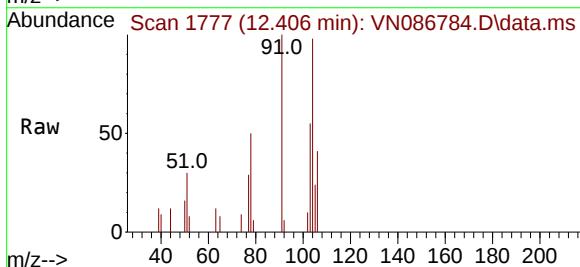
Tgt Ion:104 Resp: 5031

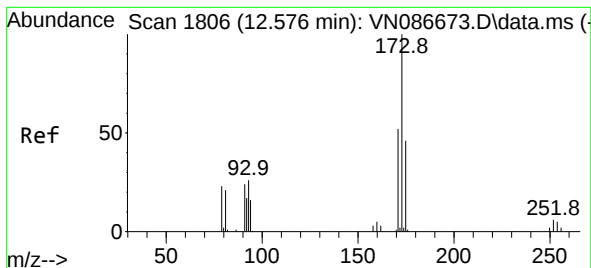
Ion Ratio Lower Upper

104 100

78 47.2 39.0 58.6

103 52.9 43.8 65.8





#71

Bromoform

Concen: 0.817 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086784.D

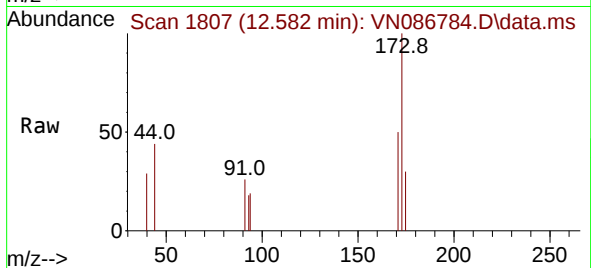
Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



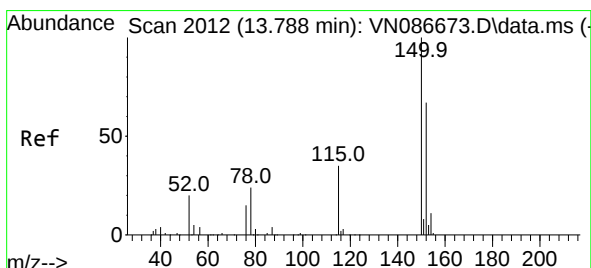
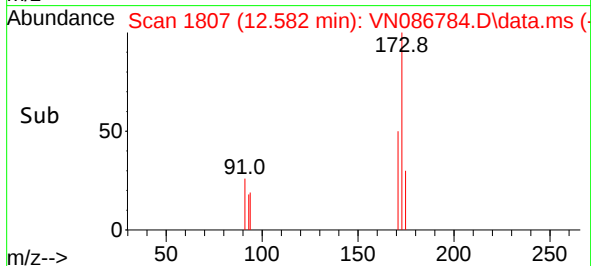
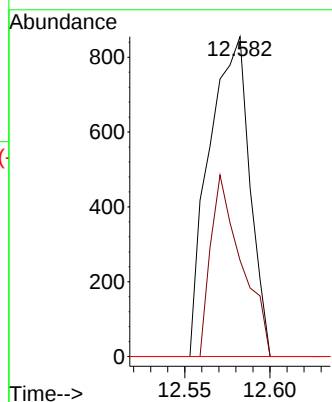
Tgt Ion:173 Resp: 1416

Ion Ratio Lower Upper

173 100

175 43.2 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: VN086784.D

Acq: 27 May 2025 15:19

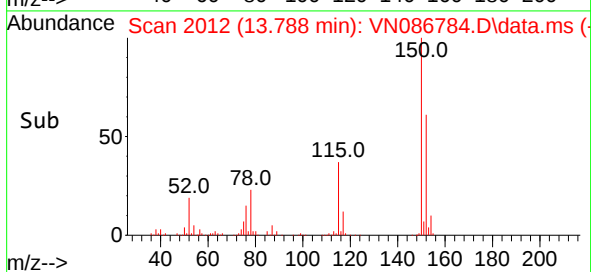
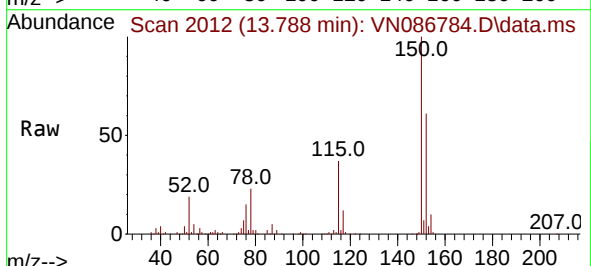
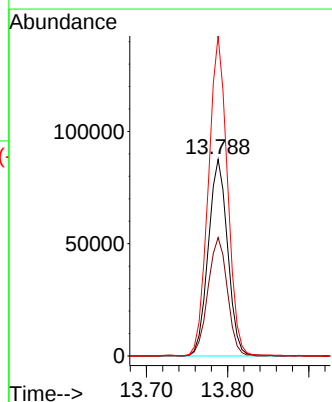
Tgt Ion:152 Resp: 144660

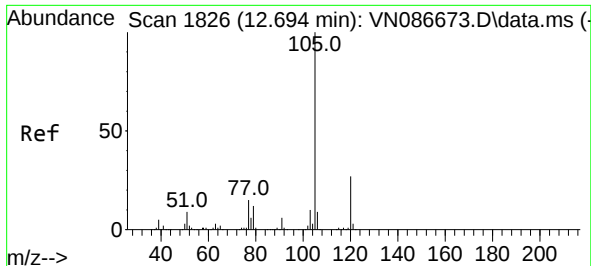
Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.1

150 160.6 0.0 347.8

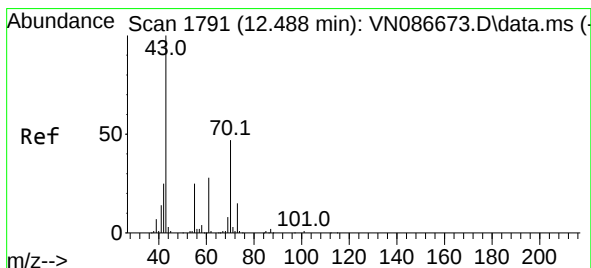
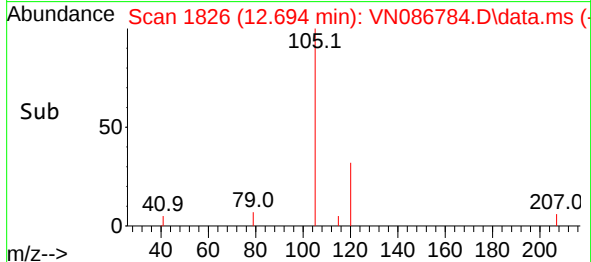
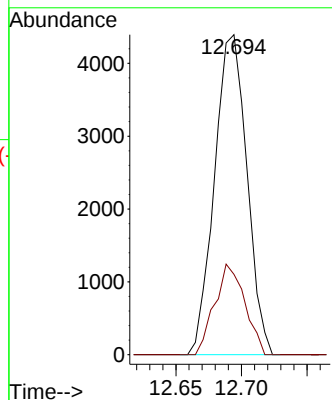
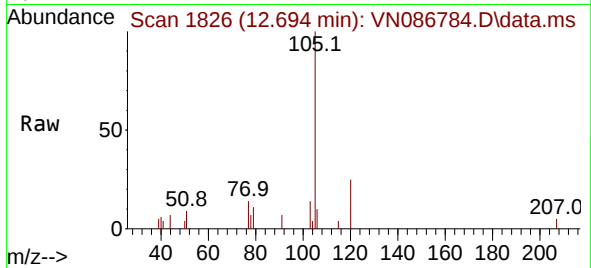




#73
Isopropylbenzene
Concen: 0.676 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

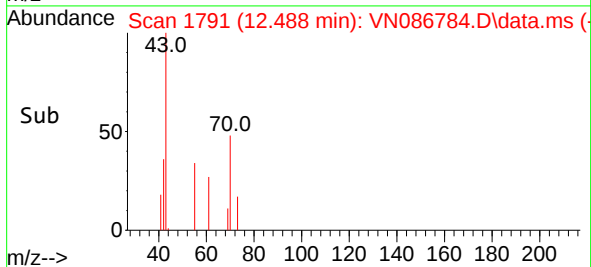
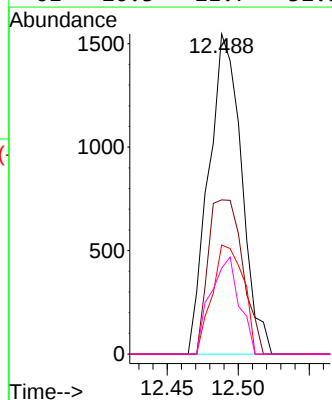
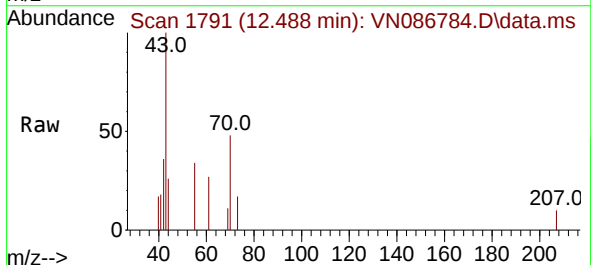
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

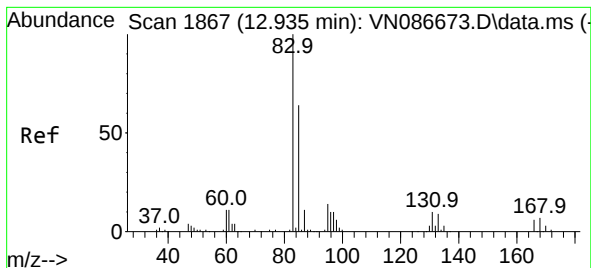
Tgt Ion:105 Resp: 7555
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



#74
N-ethyl acetate
Concen: 0.534 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
70 50.7 37.9 56.9
55 32.1 20.5 30.7#
61 26.3 21.7 32.5





#75

1,1,2-Tetrachloroethane

Concen: 0.617 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

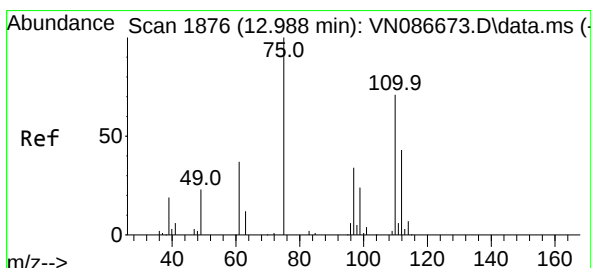
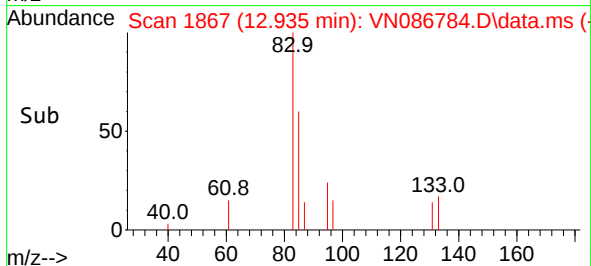
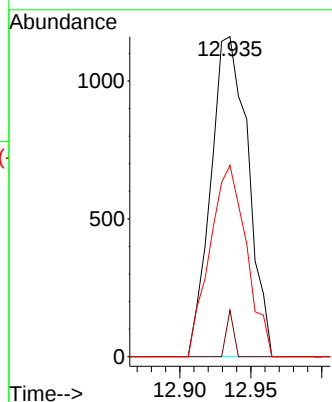
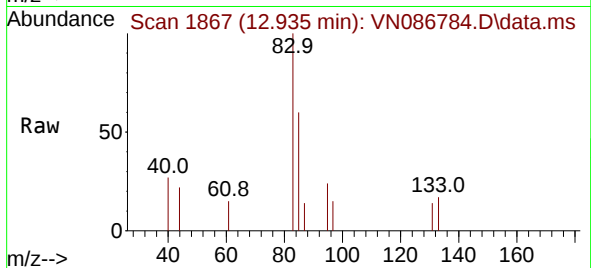
Tgt Ion: 83 Resp: 2119

Ion Ratio Lower Upper

83 100

131 2.8 5.0 15.0#

85 58.8 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 0.985 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN086784.D

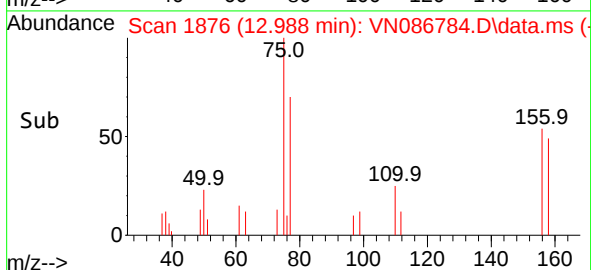
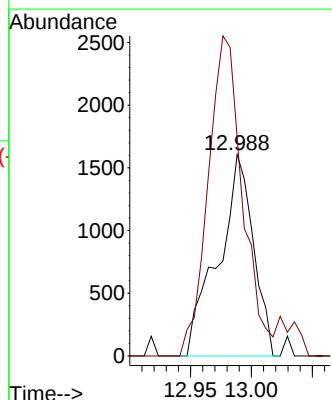
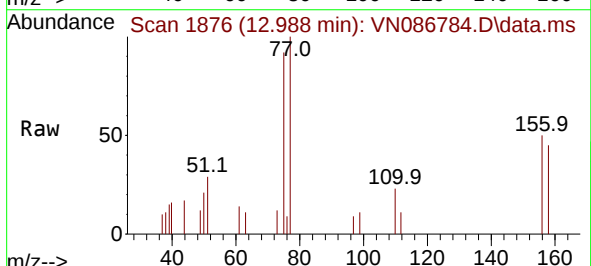
Acq: 27 May 2025 15:19

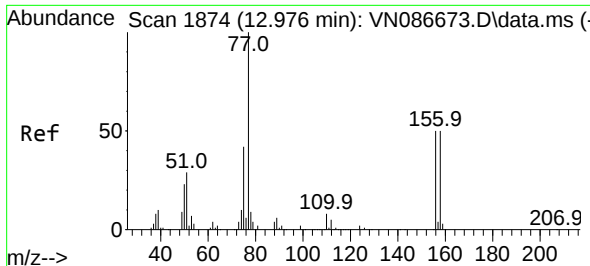
Tgt Ion: 75 Resp: 3223

Ion Ratio Lower Upper

75 100

77 155.3 96.0 288.1

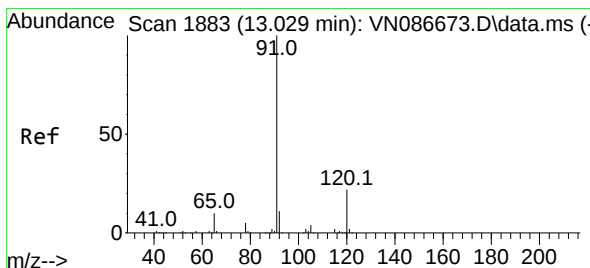
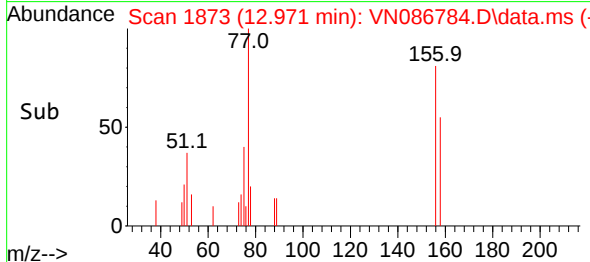
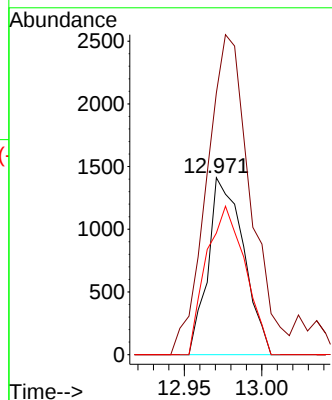
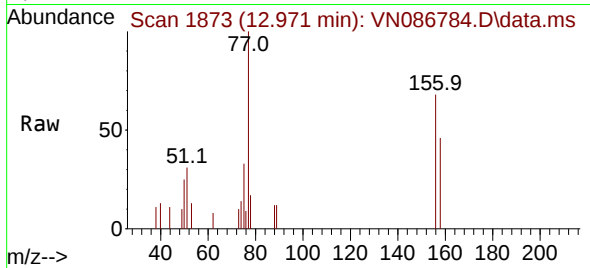




#77
Bromobenzene
Concen: 0.796 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

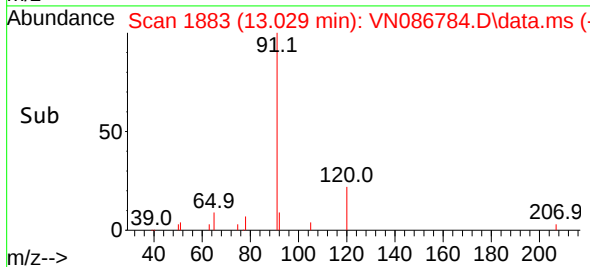
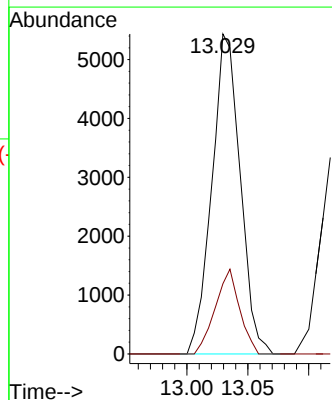
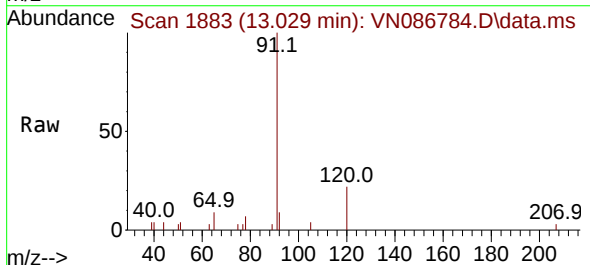
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

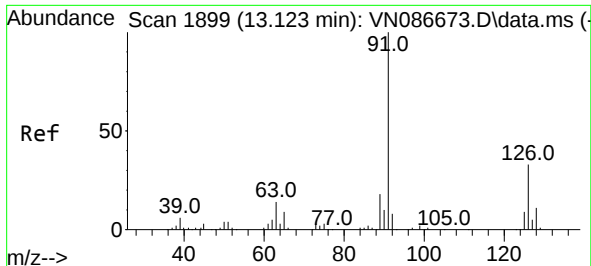
Tgt Ion:156 Resp: 2236
Ion Ratio Lower Upper
156 100
77 223.9 113.1 339.2
158 92.9 48.6 145.9



#78
n-propylbenzene
Concen: 0.686 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 91 Resp: 8794
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.1





#79

2-Chlorotoluene

Concen: 0.760 ug/l

RT: 13.124 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

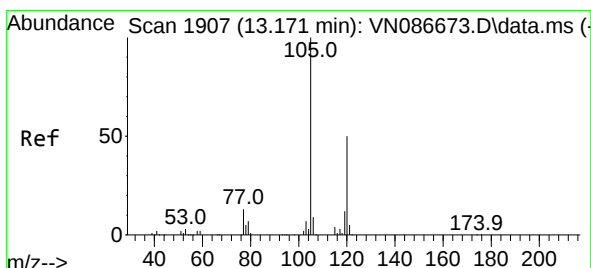
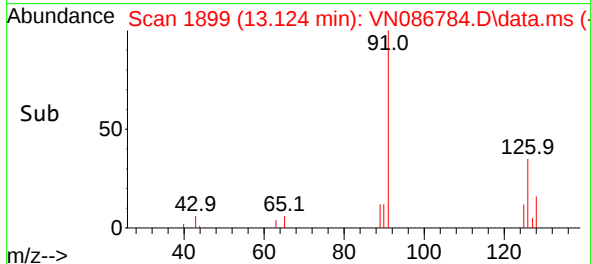
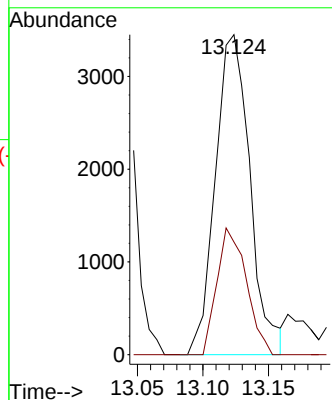
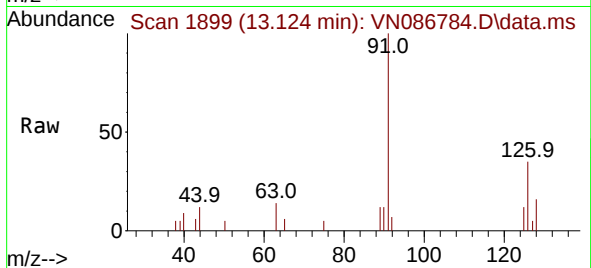
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 6336

Ion Ratio Lower Upper

91 100

126 33.6 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 0.666 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN086784.D

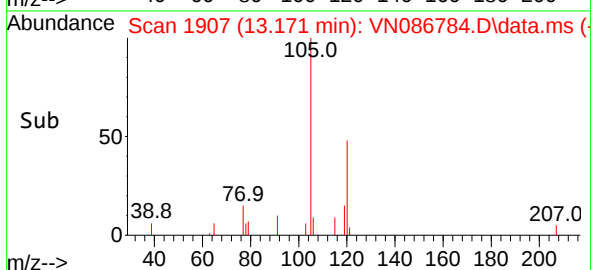
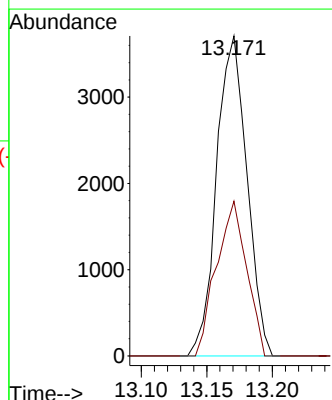
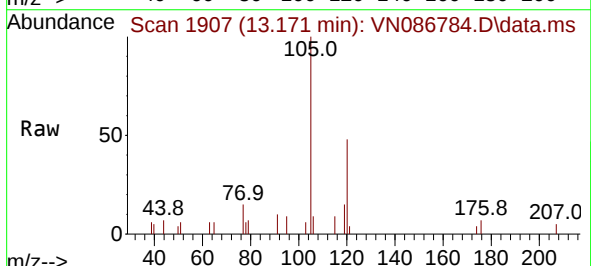
Acq: 27 May 2025 15:19

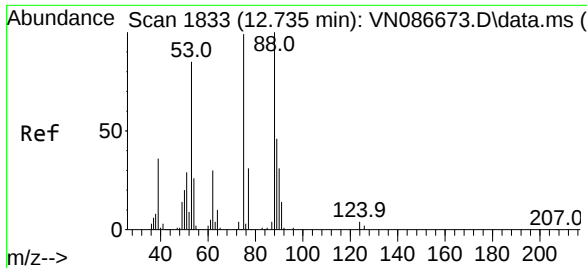
Tgt Ion: 105 Resp: 5965

Ion Ratio Lower Upper

105 100

120 48.2 24.9 74.6

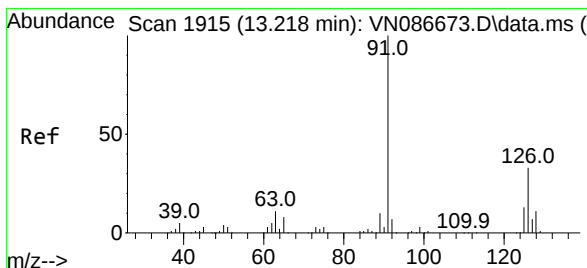
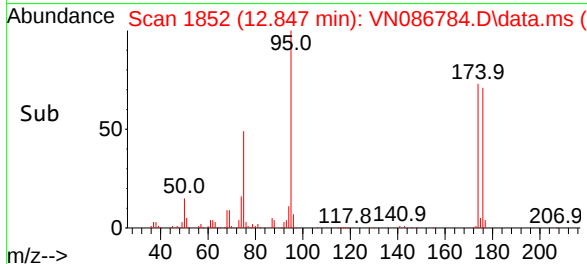
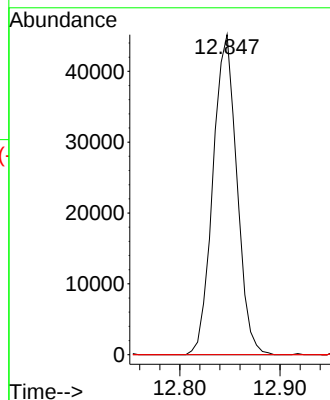
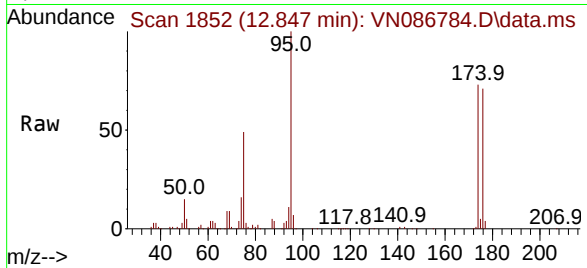




#81
trans-1,4-Dichloro-2-butene
Concen: 57.771 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

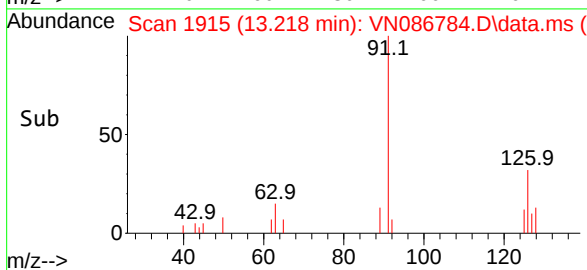
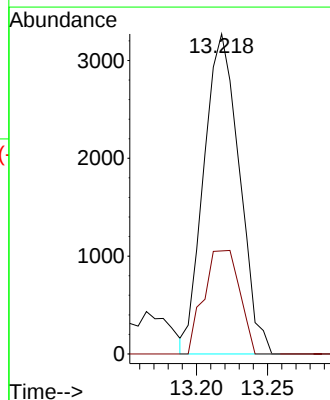
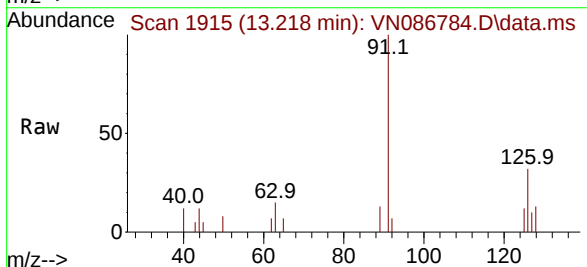
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

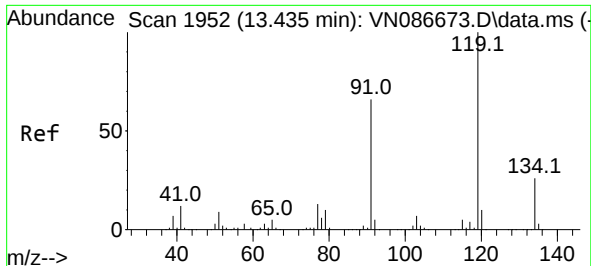
Tgt Ion: 75 Resp: 74893
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 32.4 48.6#



#82
4-Chlorotoluene
Concen: 0.690 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 91 Resp: 5695
Ion Ratio Lower Upper
91 100
126 32.5 17.0 50.9

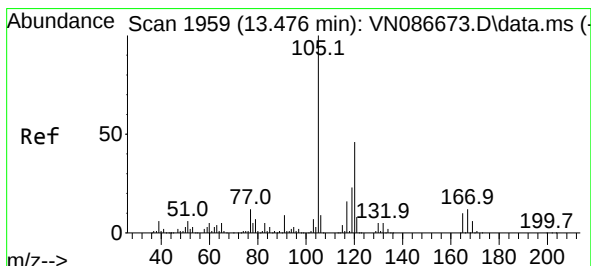
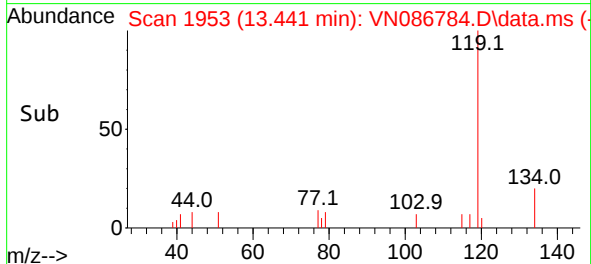
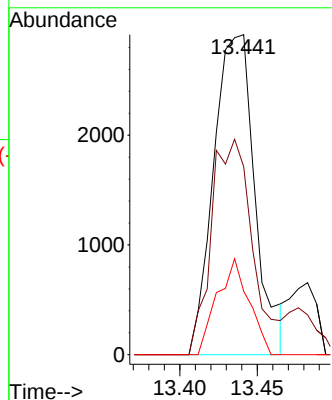
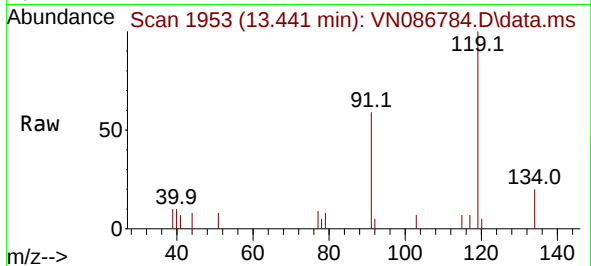




#83
tert-Butylbenzene
Concen: 0.692 ug/l
RT: 13.441 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

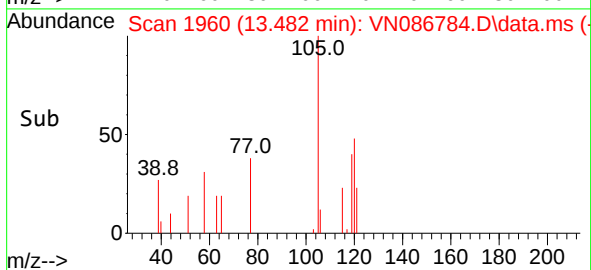
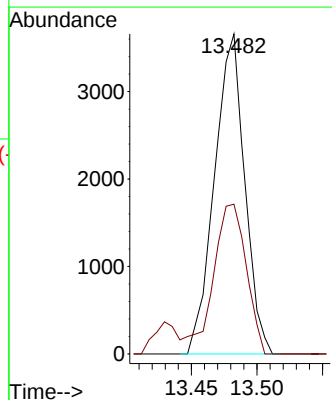
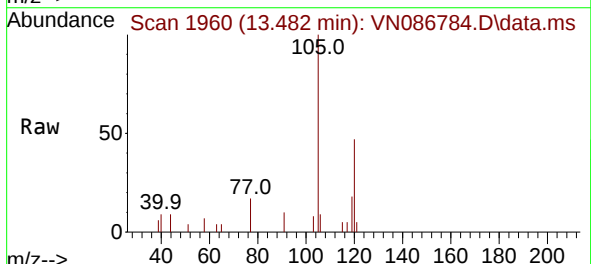
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

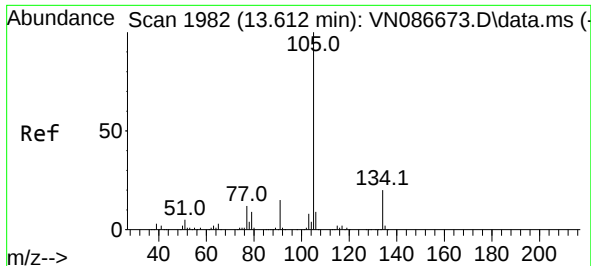
Tgt Ion:119 Resp: 5404
Ion Ratio Lower Upper
119 100
91 67.1 32.9 98.7
134 23.0 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 0.657 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion:105 Resp: 5856
Ion Ratio Lower Upper
105 100
120 50.1 23.2 69.6

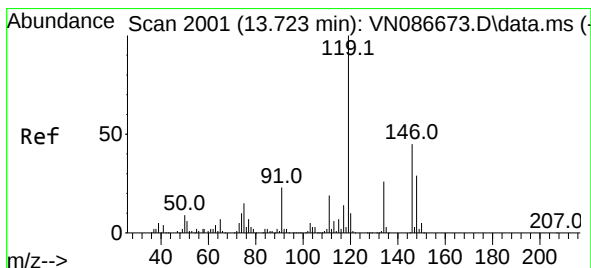
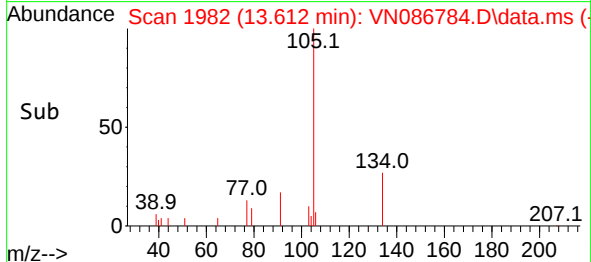
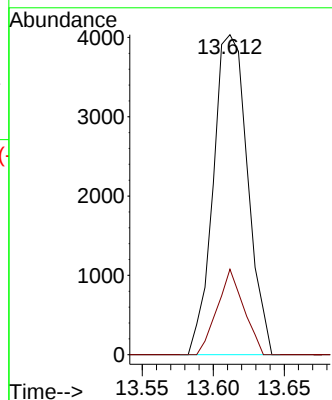
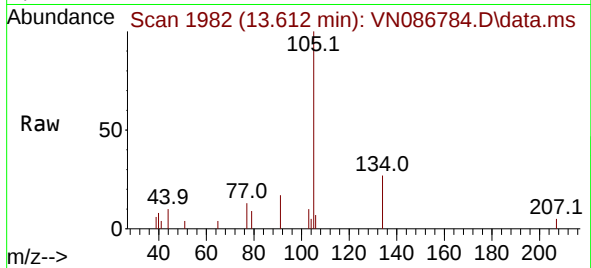




#85
sec-Butylbenzene
Concen: 0.649 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

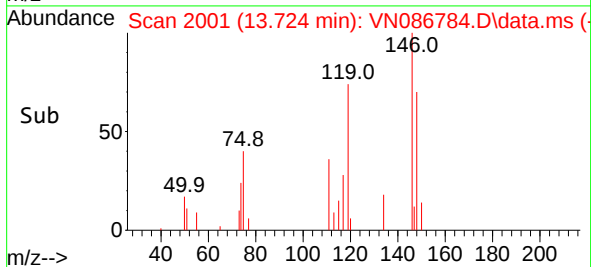
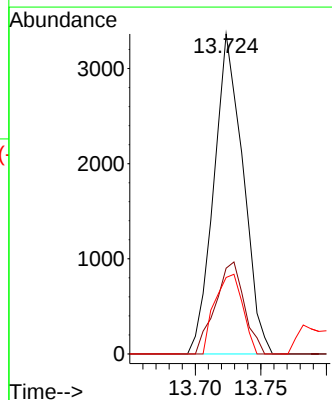
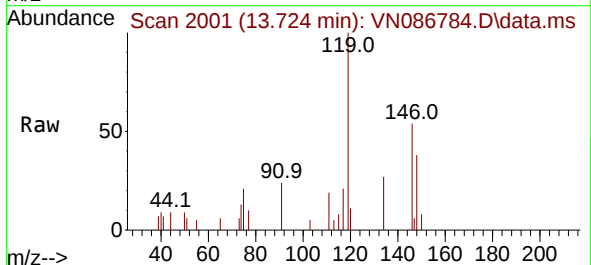
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

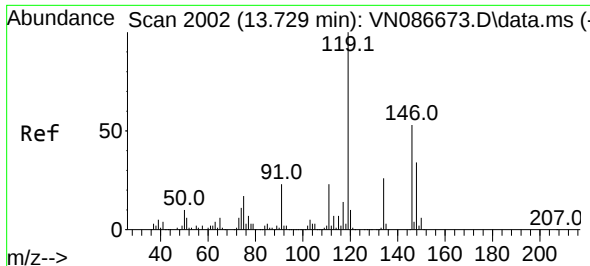
Tgt Ion:105 Resp: 6792
Ion Ratio Lower Upper
105 100
134 20.6 10.1 30.1



#86
p-Isopropyltoluene
Concen: 0.606 ug/l
RT: 13.724 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion:119 Resp: 5202
Ion Ratio Lower Upper
119 100
134 28.4 13.1 39.1
91 23.8 11.5 34.5

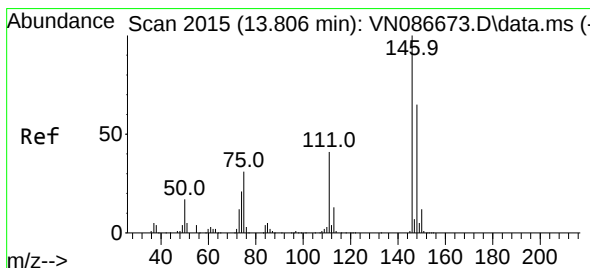
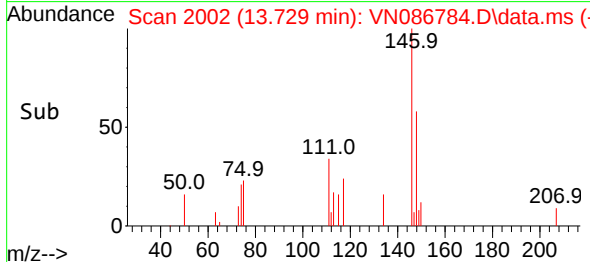
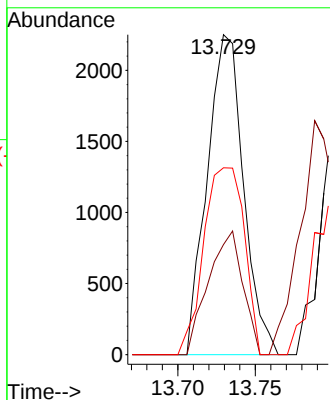
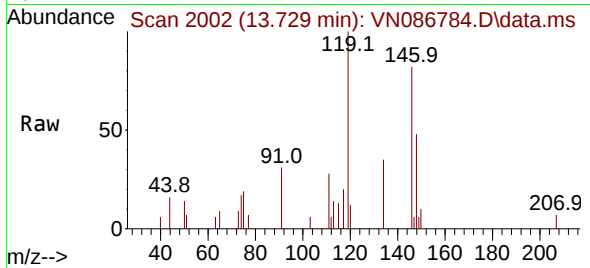




#87
1,3-Dichlorobenzene
Concen: 0.754 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

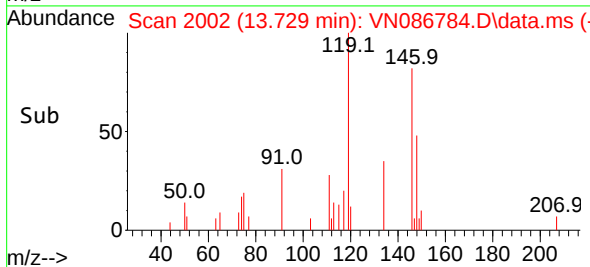
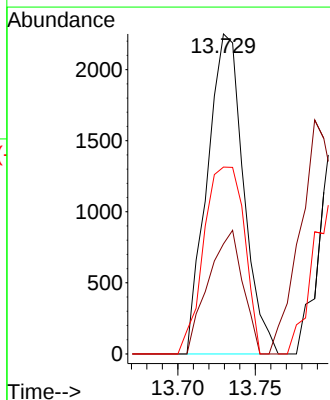
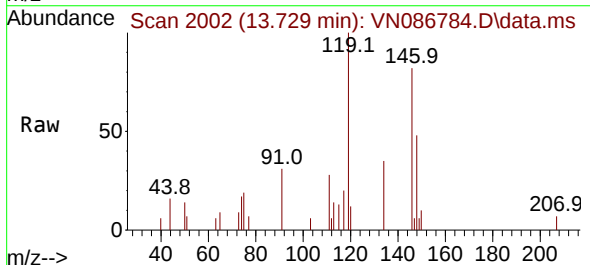
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

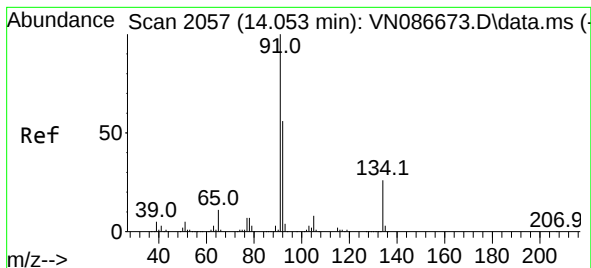
Tgt Ion:146 Resp: 3668
Ion Ratio Lower Upper
146 100
111 36.7 20.9 62.7
148 65.2 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 0.761 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.076 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion:146 Resp: 3668
Ion Ratio Lower Upper
146 100
111 36.7 20.6 61.8
148 65.2 32.0 96.0





#89

n-Butylbenzene

Concen: 0.689 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

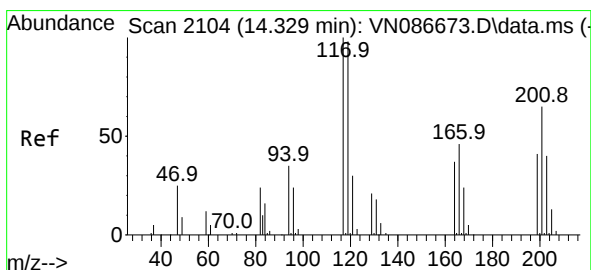
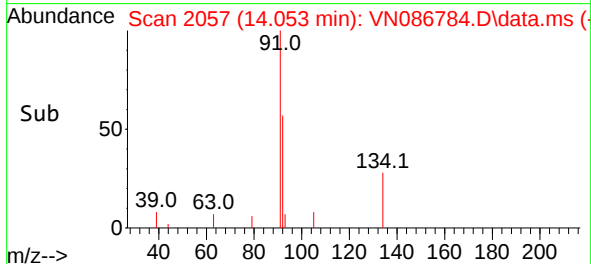
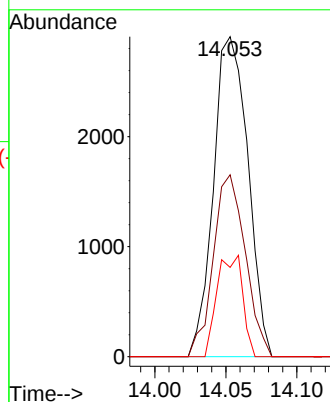
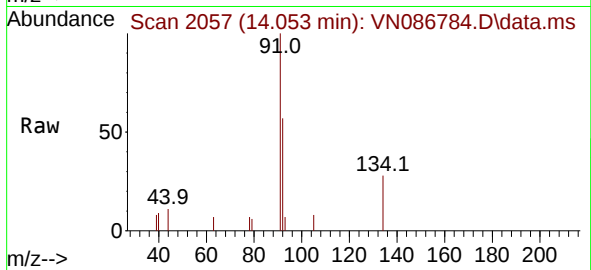
Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:	91	Resp:	4902
Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.4	82.0
134	23.5	12.8	38.4



#90

Hexachloroethane

Concen: 0.710 ug/l

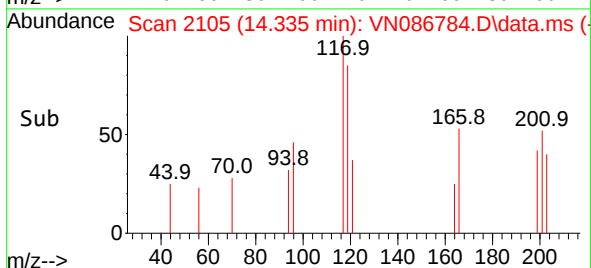
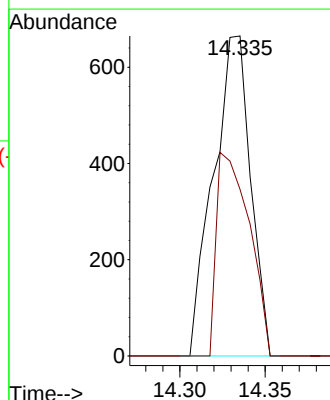
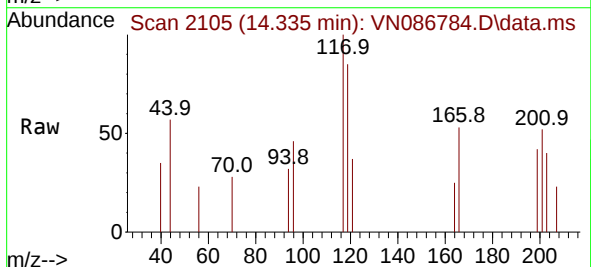
RT: 14.335 min Scan# 2105

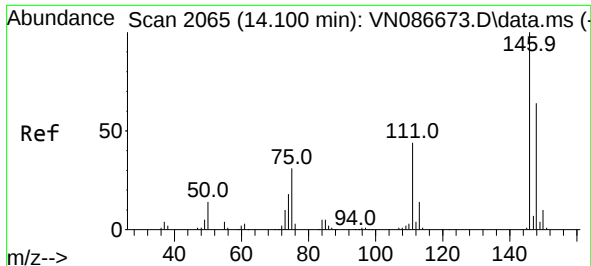
Delta R.T. 0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Tgt Ion:	117	Resp:	1011
Ion	Ratio	Lower	Upper
117	100		
201	56.1	32.0	96.0





#91

1,2-Dichlorobenzene

Concen: 0.731 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN086784.D

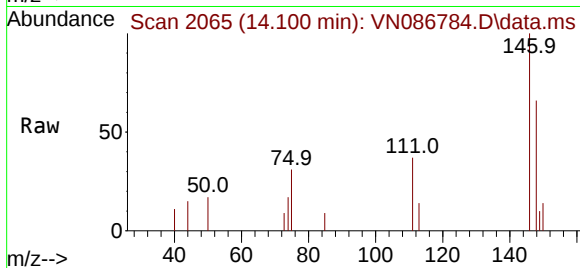
Acq: 27 May 2025 15:19

Instrument :

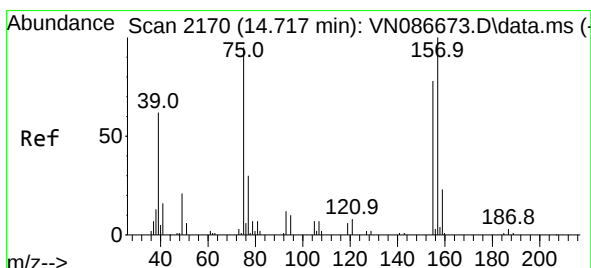
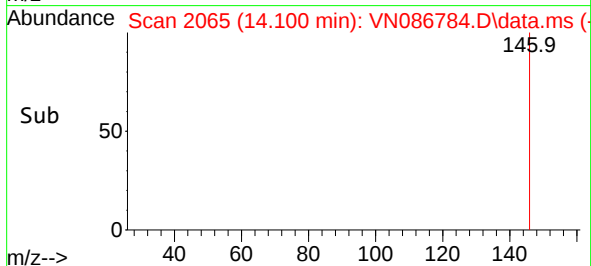
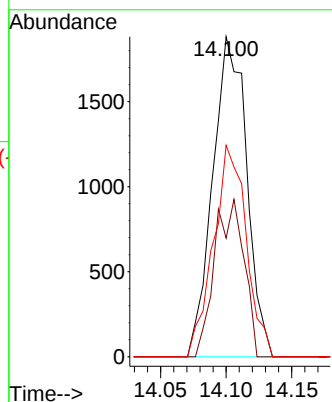
MSVOA_N

ClientSampleId :

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Tgt Ion:	146	Resp:	3386
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.6	65.0
148	63.9	31.7	95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.644 ug/l

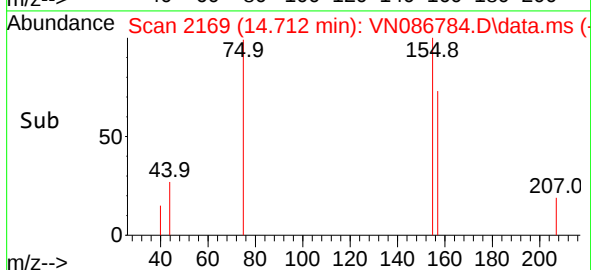
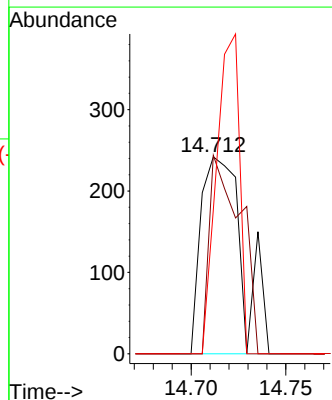
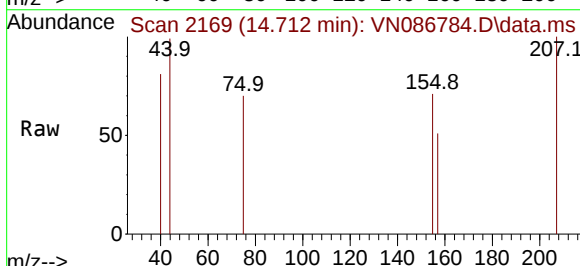
RT: 14.712 min Scan# 2169

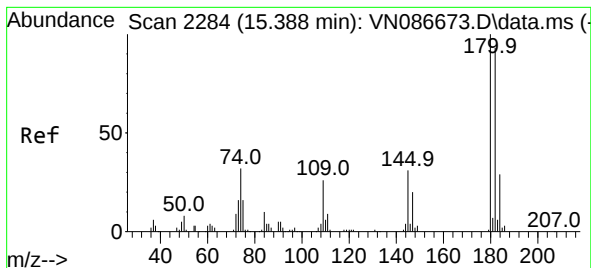
Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Tgt Ion:	75	Resp:	366
Ion	Ratio	Lower	Upper
75	100		
155	76.8	40.5	121.5
157	90.4	53.6	160.8





#93

1,2,4-Trichlorobenzene

Concen: 0.689 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

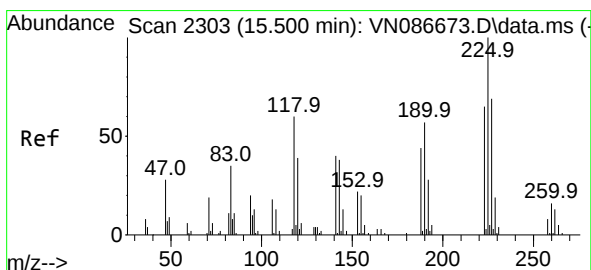
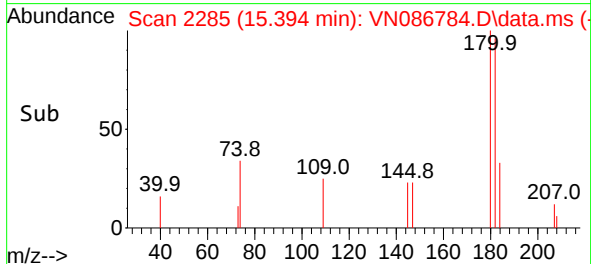
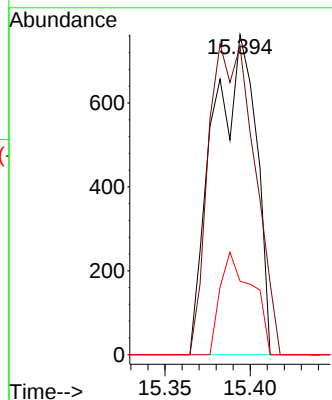
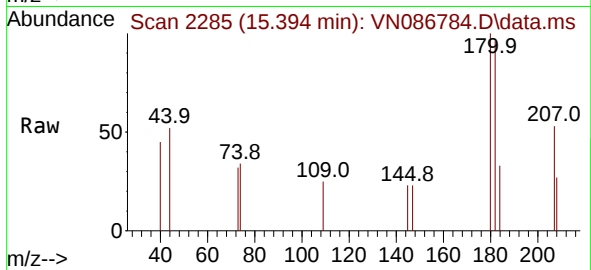
Tgt Ion:180 Resp: 1346

Ion Ratio Lower Upper

180 100

182 102.9 47.1 141.3

145 23.6 15.6 46.8



#94

Hexachlorobutadiene

Concen: 0.701 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

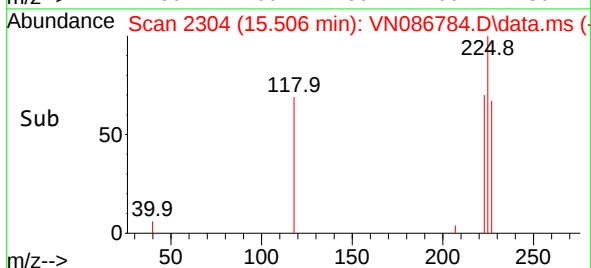
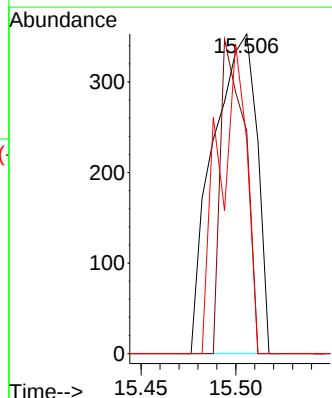
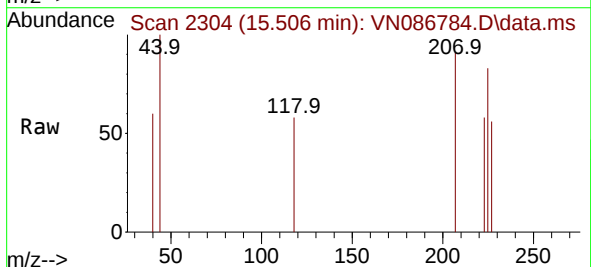
Tgt Ion:225 Resp: 568

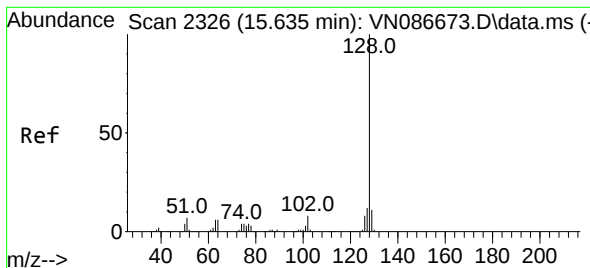
Ion Ratio Lower Upper

225 100

223 54.8 32.9 98.6

227 62.0 32.4 97.2





#95

Naphthalene

Concen: 0.830 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

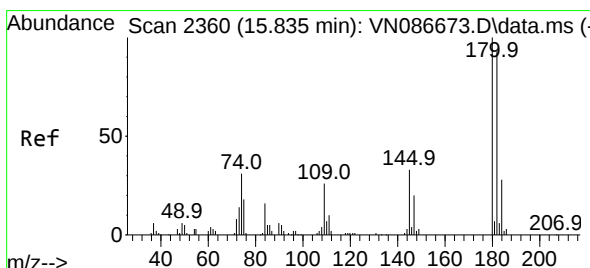
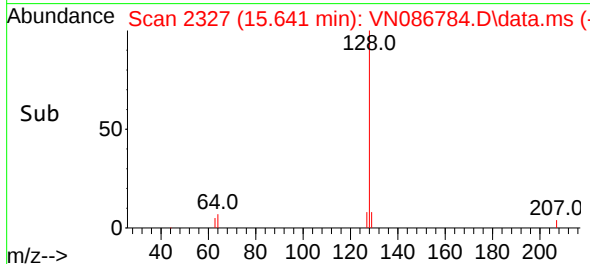
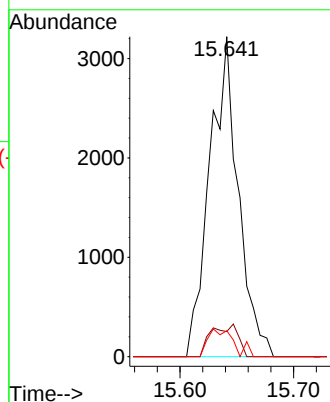
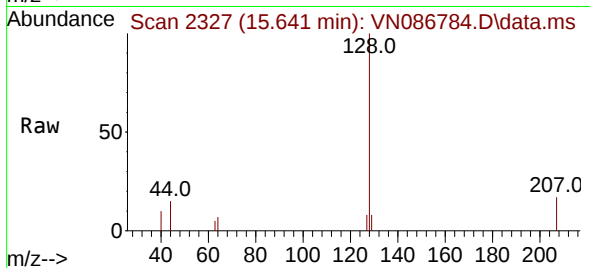
Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:128	Resp:	5634
Ion Ratio	Lower	Upper
128	100	
127	9.4	10.1 15.1#
129	7.8	8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.801 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Tgt Ion:180	Resp:	1533
Ion Ratio	Lower	Upper
180	100	
182	80.2	47.0 141.2
145	17.3	16.7 50.1

