

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088042.D
 Acq On : 08 Oct 2025 15:41
 Operator : JC\MD
 Sample : Q2893-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Oct 09 02:57:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	67162	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	359377	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	317948	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	153036	29.262	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.533%
60) 4-Bromofluorobenzene	12.829	95	150864	28.782	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.933%
63) Toluene-d8	10.541	98	431885	30.488	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.633%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	7522	1.955	ug/l	95
3) Chloromethane	2.383	50	10267	2.354	ug/l #	82
4) Vinyl Chloride	2.542	62	10685	2.350	ug/l	99
5) Bromomethane	2.989	94	8436	3.450	ug/l	100
6) Chloroethane	3.142	64	6889	2.297	ug/l	97
7) Trichlorofluoromethane	3.506	101	14418	2.332	ug/l	92
8) Diethyl Ether	3.965	74	6765	2.421	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.359	101	3847	1.162	ug/l	77
10) 1,1-Dichloroethene	4.336	96	8741	2.475	ug/l #	82
11) Methyl Iodide	4.588	142	2628	0.807	ug/l	77
12) Methyl Acetate	5.018	43	9658	1.682	ug/l	97
13) Acrolein	4.177	56	5592	6.295	ug/l #	1
14) Acrylonitrile	5.712	53	31721	11.450	ug/l #	85
15) Acetone	4.424	58	9798	12.076	ug/l	85
16) Carbon Disulfide	4.700	76	26238	2.370	ug/l #	93
17) Allyl chloride	5.012	41	15531	2.331	ug/l	96
18) Methylene Chloride	5.265	84	12480	2.781	ug/l #	85
19) trans-1,2-Dichloroethene	5.777	96	10513	2.575	ug/l	91
20) Diisopropyl ether	6.665	45	34193	2.254	ug/l #	92
21) 1,1-Dichloroethane	6.547	63	17961	2.274	ug/l	94
22) cis-1,2-Dichloroethene	7.471	96	12812	2.507	ug/l	93
23) tert-Butyl Alcohol	5.530	59	12814	11.533	ug/l #	100
25) Chloroform	7.947	83	18957	2.326	ug/l	91
26) Cyclohexane	8.235	56	15993	2.444	ug/l #	90
29) 1,1-Dichloropropene	8.359	75	12643	2.454	ug/l	94
30) 2-Butanone	7.482	43	41763	10.992	ug/l #	81
31) 2,2-Dichloropropane	7.465	77	15559	2.344	ug/l #	77
32) 1,1,1-Trichloroethane	8.147	97	16023	2.489	ug/l	99
33) Carbon Tetrachloride	8.347	117	12820	2.378	ug/l	96
34) Benzene	8.588	78	42700	2.499	ug/l #	69
35) Methacrylonitrile	7.759	41	10208	2.555	ug/l	99
36) 1,2-Dichloroethane	8.653	62	14873	2.507	ug/l #	87
37) Trichloroethene	9.335	130	9845	2.432	ug/l	99
38) Methylcyclohexane	9.576	83	15885	2.497	ug/l	97
39) 1,2-Dichloropropane	9.600	63	10183	2.377	ug/l #	88
40) Dibromomethane	9.688	93	8371	2.684	ug/l	95
41) Bromodichloromethane	9.865	83	16271	2.555	ug/l	91
42) Vinyl Acetate	6.594	43	139483	10.777	ug/l	99
43) Ethyl Acetate	7.547	43	18711	2.562	ug/l #	88

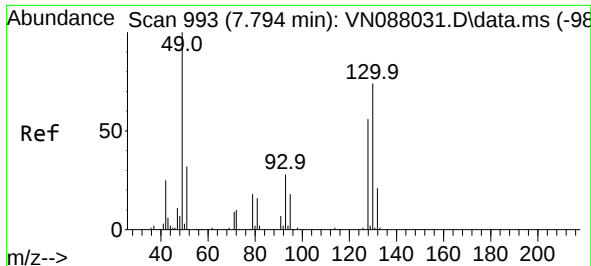
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.671	43	27425	2.299	ug/l	99
45) 1,4-Dioxane	9.694	88	3411	42.995	ug/l #	86
46) Methyl methacrylate	9.665	41	12515	2.382	ug/l	92
48) t-1,3-Dichloropropene	10.818	75	16926	2.390	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	16653	2.254	ug/l #	85
50) 1,1,2-Trichloroethane	11.000	97	10460	2.533	ug/l #	82
51) Ethyl methacrylate	10.865	69	11917	1.705	ug/l	89
52) 1,3-Dichloropropane	11.141	76	17131	2.378	ug/l	95
53) Dibromochloromethane	11.341	129	11345	2.298	ug/l	99
54) 1,2-Dibromoethane	11.453	107	9975	2.259	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	32276	8.555	ug/l	97
56) Bromoform	12.564	173	6720	2.013	ug/l #	99
58) 4-Methyl-2-Pentanone	10.423	43	78756	11.074	ug/l	98
59) 2-Hexanone	11.182	43	34775	7.406	ug/l	99
61) Tetrachloroethene	11.082	164	8032	2.495	ug/l	92
62) Toluene	10.612	91	45039	2.497	ug/l	98
64) Chlorobenzene	11.870	112	28754	2.496	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	9135	2.301	ug/l	71
66) Ethyl Benzene	11.941	91	45303	2.310	ug/l	98
67) m/p-Xylenes	12.053	106	35847	4.742	ug/l	97
68) o-Xylene	12.376	106	18464	2.453	ug/l	96
69) Styrene	12.388	104	27107	2.177	ug/l	98
70) Isopropylbenzene	12.670	105	43280	2.346	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	15014	2.401	ug/l	93
72) 1,2,3-Trichloropropane	12.976	75	19428	3.345	ug/l	65
73) Bromobenzene	12.959	156	9274	2.057	ug/l	70
74) n-propylbenzene	13.017	91	49294	2.214	ug/l	96
75) 2-Chlorotoluene	13.106	91	29966	2.201	ug/l	97
76) 1,3,5-Trimethylbenzene	13.147	105	34564	2.206	ug/l	96
77) t-1,4-Dichloro-2-butene	12.729	75	3911	1.690	ug/l	69
78) 4-Chlorotoluene	13.200	91	29255	2.115	ug/l	96
79) tert-butylbenzene	13.417	119	31919	2.350	ug/l	91
80) 1,2,4-Trimethylbenzene	13.459	105	36911	2.353	ug/l	92
81) sec-Butylbenzene	13.594	105	44597	2.335	ug/l	95
82) p-Isopropyltoluene	13.711	119	38542	2.364	ug/l	98
83) 1,3-Dichlorobenzene	13.711	146	19723	2.325	ug/l	96
84) 1,4-Dichlorobenzene	13.794	146	19573	2.237	ug/l	90
85) n-Butylbenzene	14.035	91	35597	2.347	ug/l	97
86) Hexachloroethane	14.306	117	7511	2.300	ug/l	95
87) 1,2-Dichlorobenzene	14.088	146	18215	2.183	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.700	75	2939	2.046	ug/l	95
89) 1,2,4-Trichlorobenzene	15.376	180	12964	2.609	ug/l	92
90) Hexachlorobutadiene	15.482	225	1612	0.932	ug/l #	1
91) Naphthalene	15.611	128	43592	2.396	ug/l	98
92) 1,2,3-Trichlorobenzene	15.805	180	11575	2.329	ug/l	89

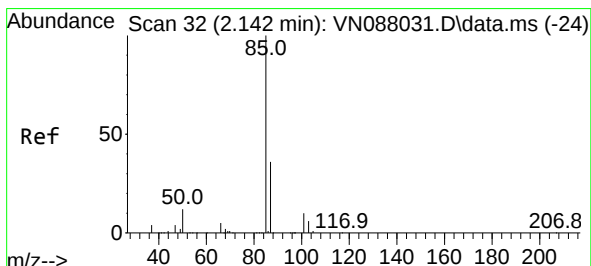
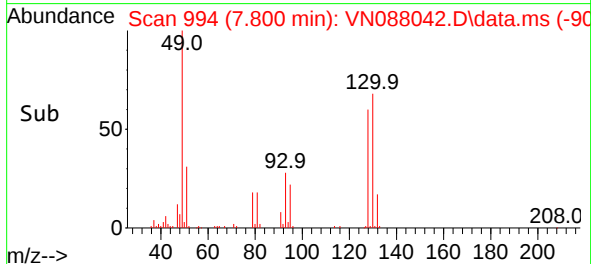
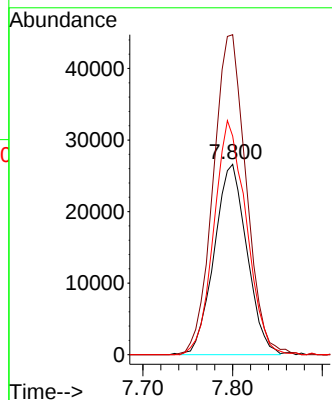
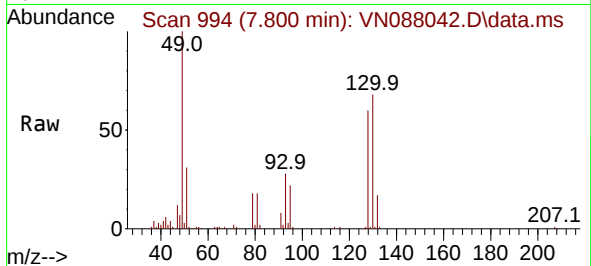
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.800 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VN088042.D
 Acq: 08 Oct 2025 15:41

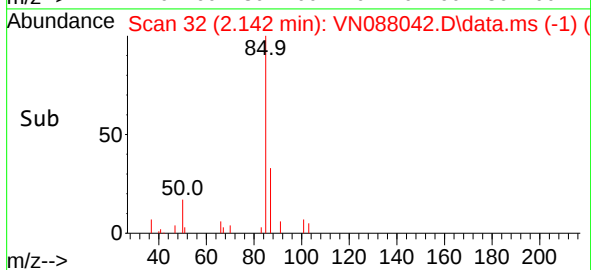
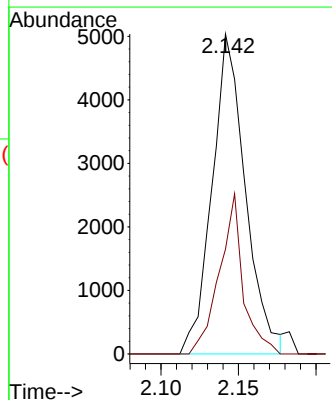
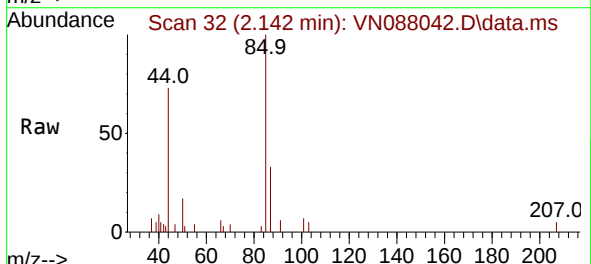
Instrument :
 MSVOA_N
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 LOD-MDL-WATER-01-QT3-2025

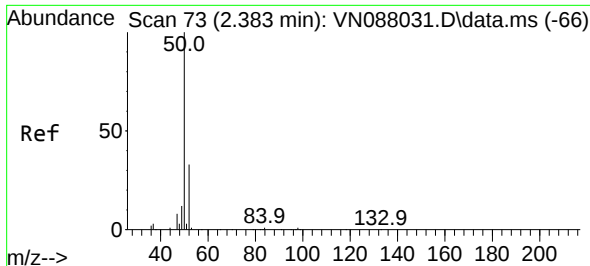
Tgt Ion:128 Resp: 67162
 Ion Ratio Lower Upper
 128 100
 49 169.8 0.0 439.8
 130 122.2 0.0 325.8



#2
 Dichlorodifluoromethane
 Concen: 1.955 ug/l
 RT: 2.142 min Scan# 32
 Delta R.T. -0.000 min
 Lab File: VN088042.D
 Acq: 08 Oct 2025 15:41

Tgt Ion: 85 Resp: 7522
 Ion Ratio Lower Upper
 85 100
 87 32.8 17.9 53.8

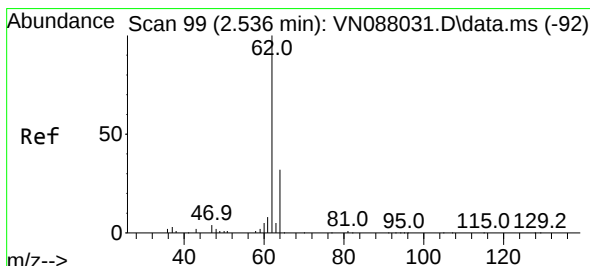
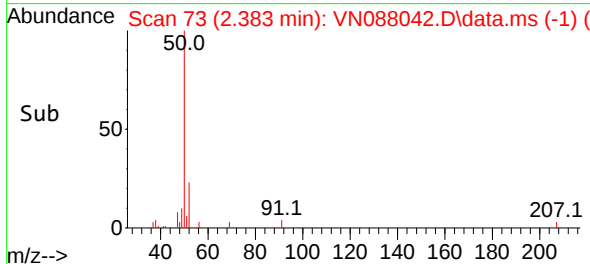
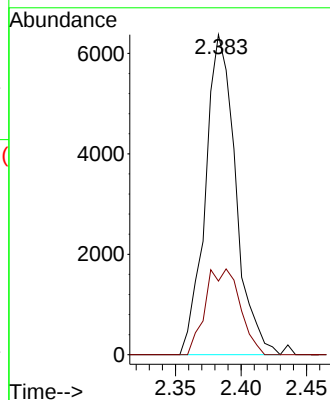
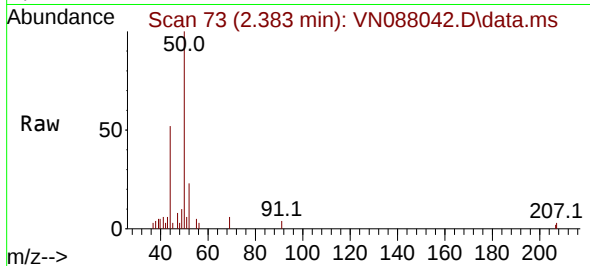




#3
Chloromethane
Concen: 2.354 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

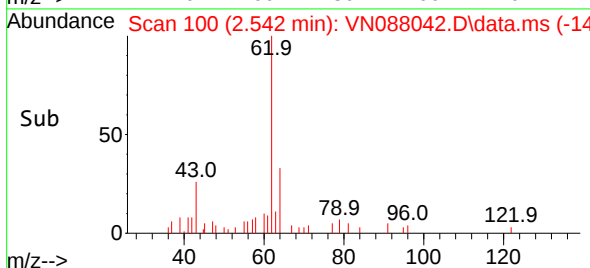
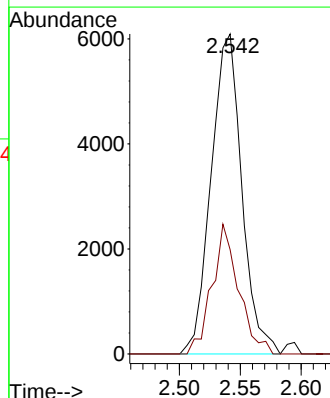
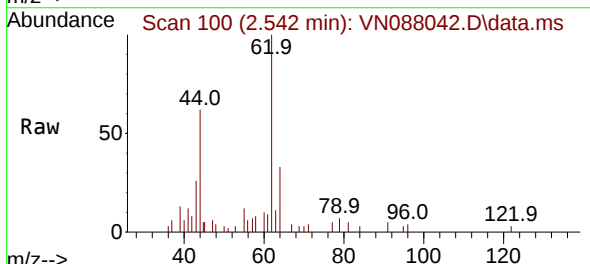
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

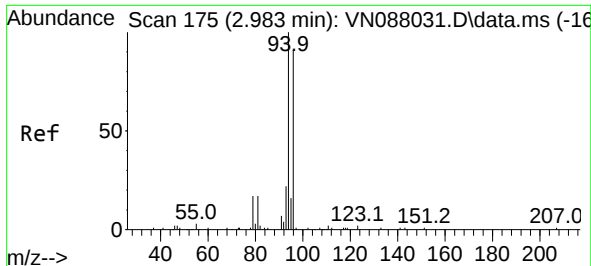
Tgt Ion: 50 Resp: 10267
Ion Ratio Lower Upper
50 100
52 23.0 26.3 39.5#



#4
Vinyl Chloride
Concen: 2.350 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 62 Resp: 10685
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5

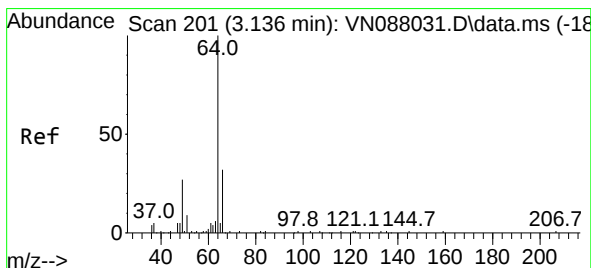
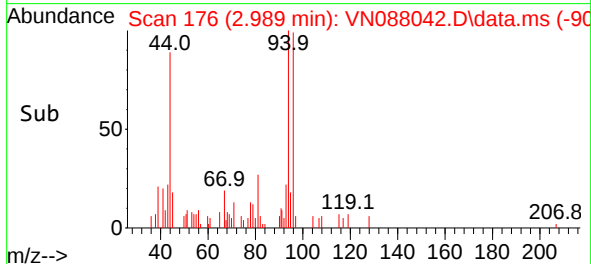
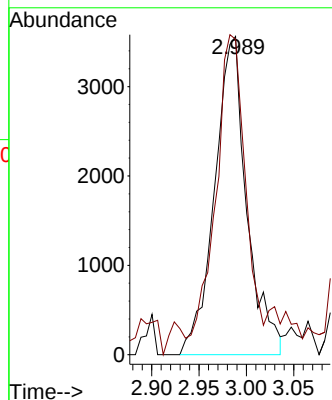
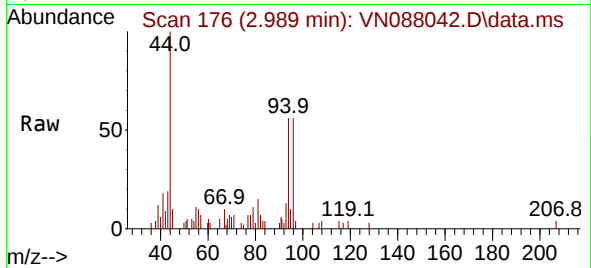




#5
Bromomethane
Concen: 3.450 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

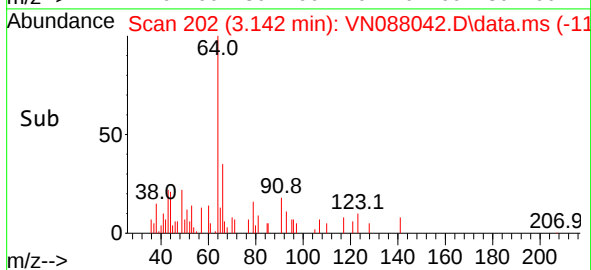
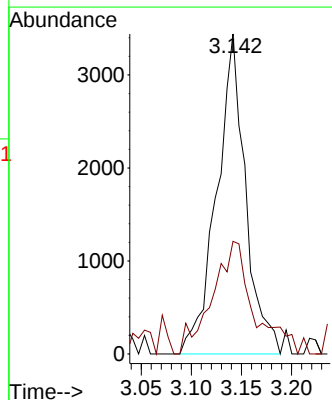
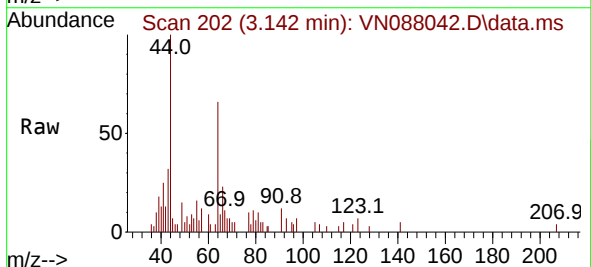
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

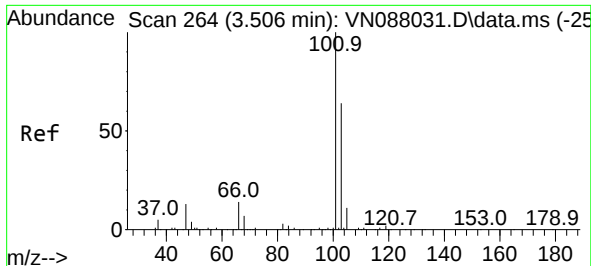
Tgt Ion: 94 Resp: 8436
Ion Ratio Lower Upper
94 100
96 90.9 73.0 109.4



#6
Chloroethane
Concen: 2.297 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 64 Resp: 6889
Ion Ratio Lower Upper
64 100
66 35.2 26.8 40.2

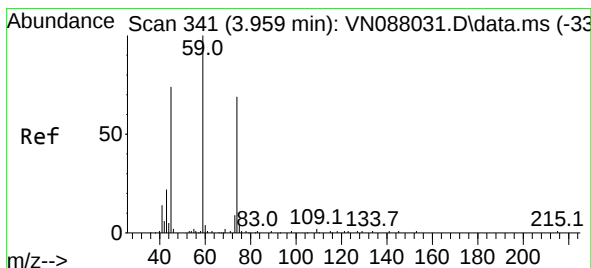
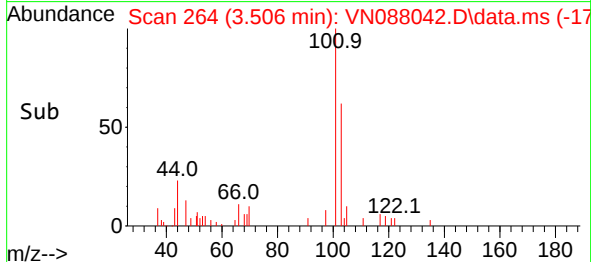
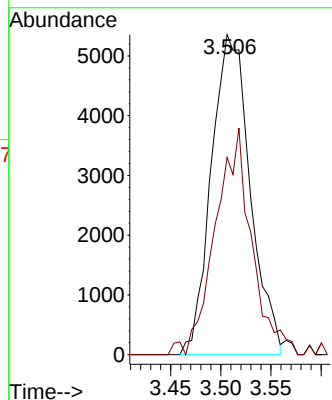
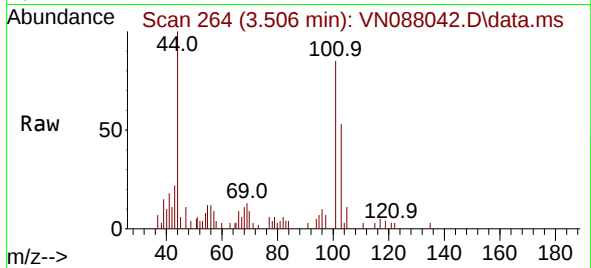




#7
 Trichlorofluoromethane
 Concen: 2.332 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN088042.D
 Acq: 08 Oct 2025 15:41

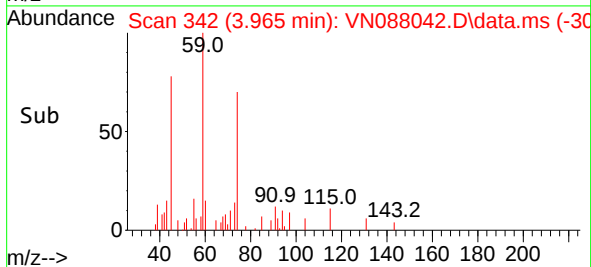
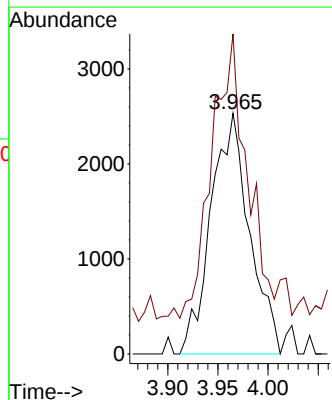
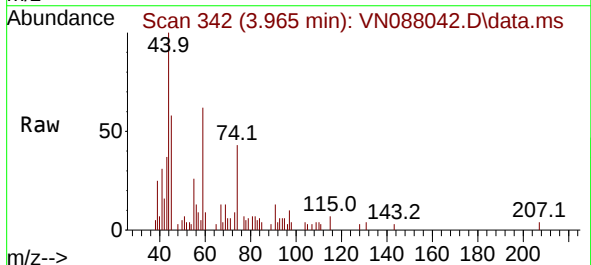
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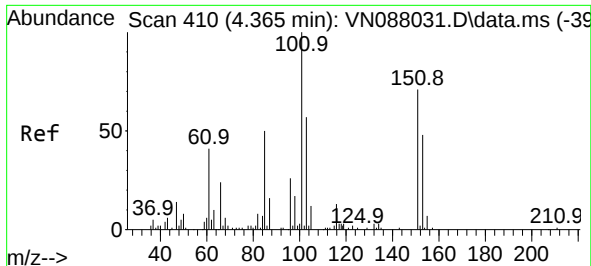
Tgt Ion:101 Resp: 14418
 Ion Ratio Lower Upper
 101 100
 103 57.6 51.0 76.4



#8
 Diethyl Ether
 Concen: 2.421 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN088042.D
 Acq: 08 Oct 2025 15:41

Tgt Ion: 74 Resp: 6765
 Ion Ratio Lower Upper
 74 100
 45 61.6 20.4 183.8

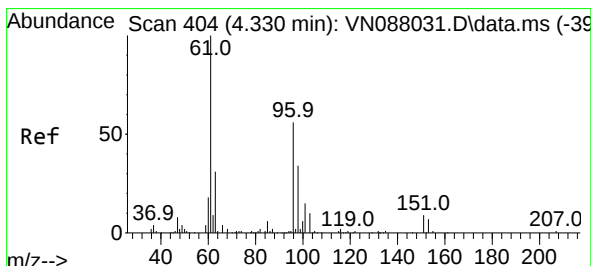
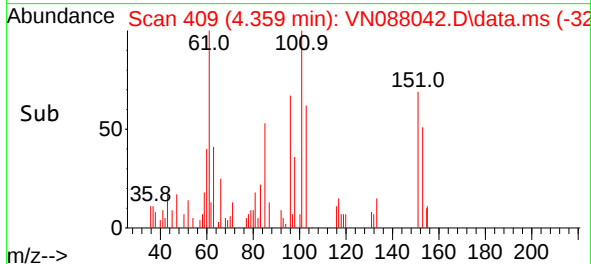
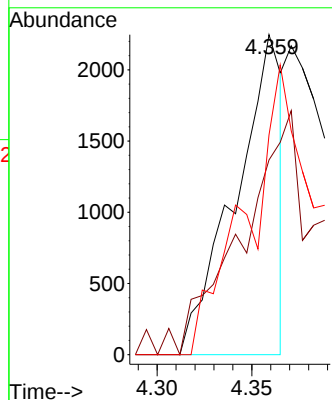
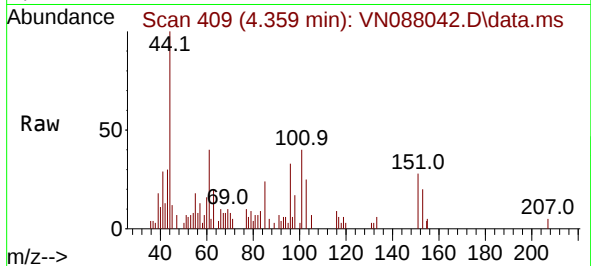




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.162 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

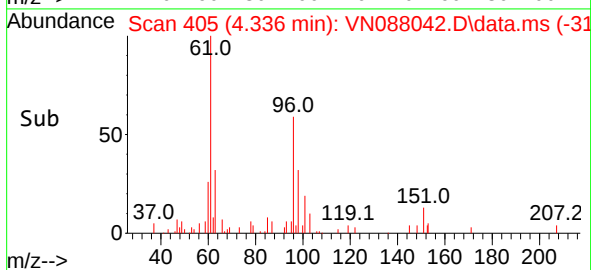
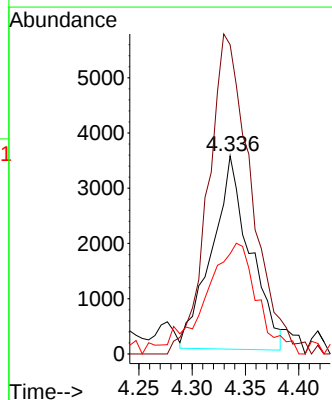
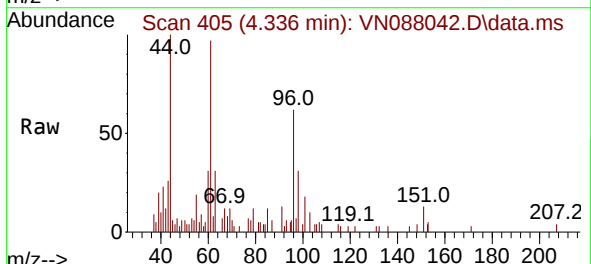
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

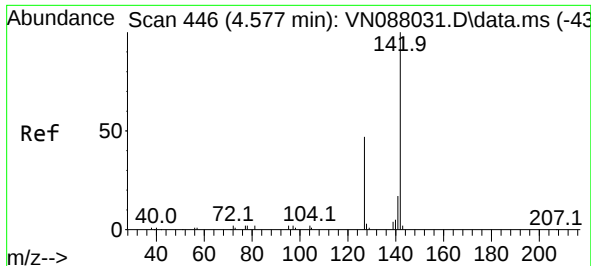
Tgt Ion:101 Resp: 3847
Ion Ratio Lower Upper
101 100
85 59.4 0.0 103.2
151 96.6 0.0 141.4



#10
1,1-Dichloroethene
Concen: 2.475 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 96 Resp: 8741
Ion Ratio Lower Upper
96 100
61 156.8 144.1 216.1
98 43.7 49.0 73.6#

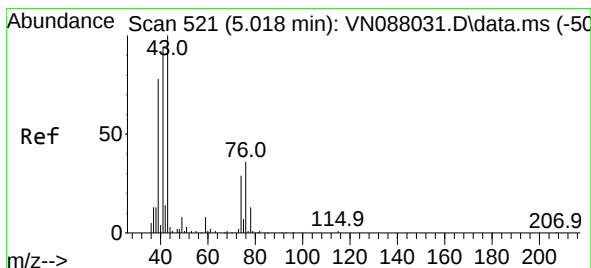
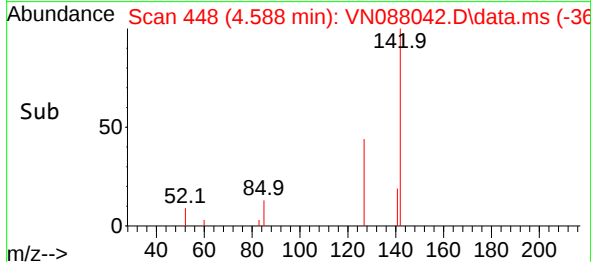
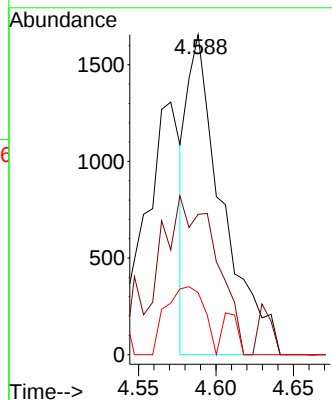
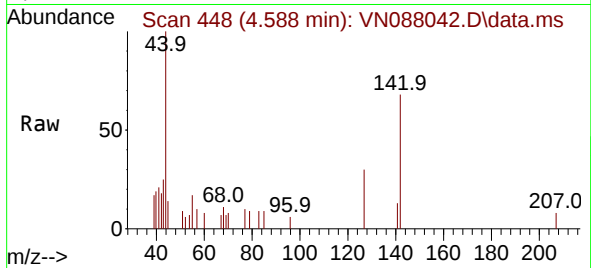




#11
Methyl Iodide
Concen: 0.807 ug/l
RT: 4.588 min Scan# 446
Delta R.T. 0.012 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

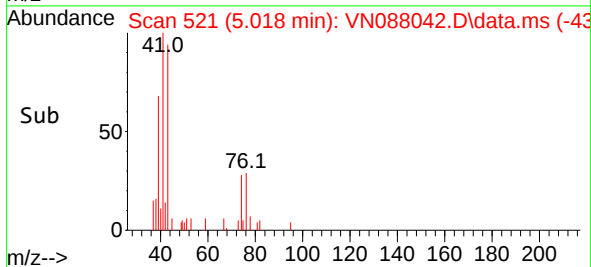
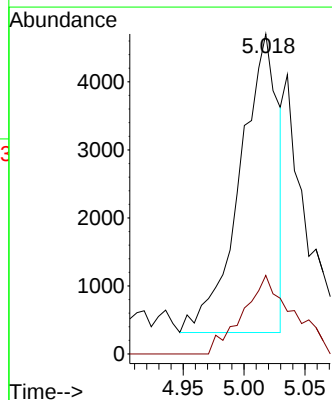
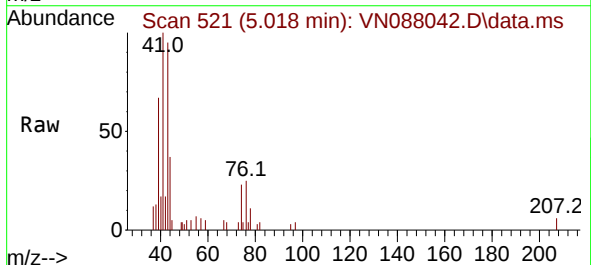
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

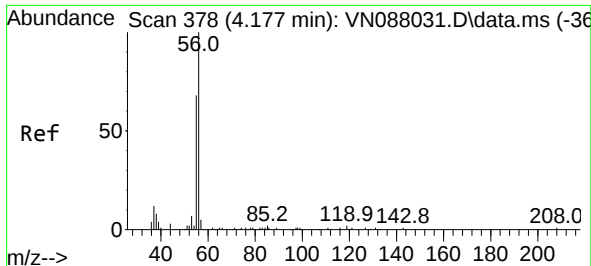
Tgt Ion:142 Resp: 2628
Ion Ratio Lower Upper
142 100
127 28.3 23.4 70.3
141 13.6 8.8 26.2



#12
Methyl Acetate
Concen: 1.682 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 43 Resp: 9658
Ion Ratio Lower Upper
43 100
74 27.2 23.3 34.9

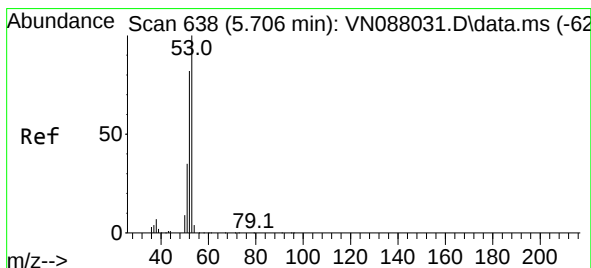
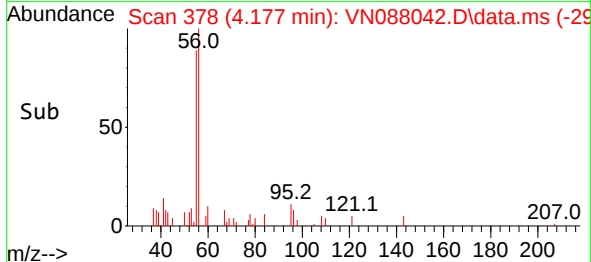
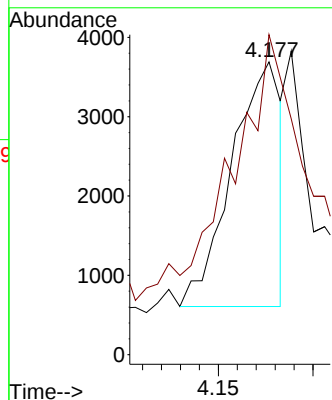
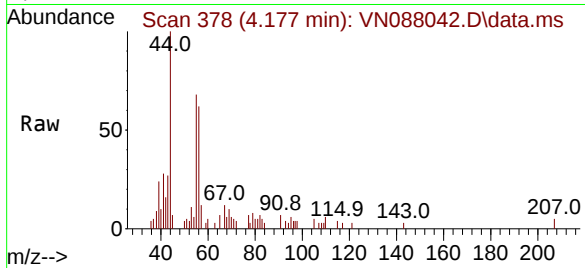




#13
Acrolein
Concen: 6.295 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

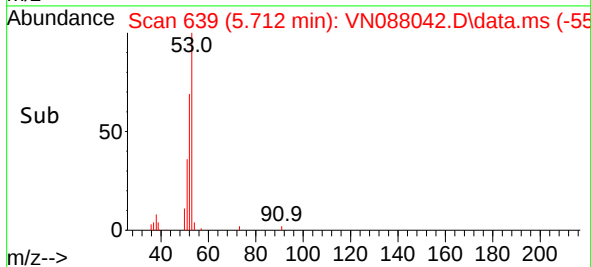
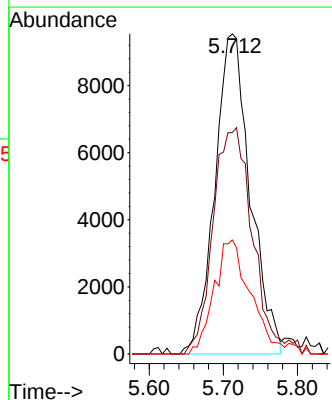
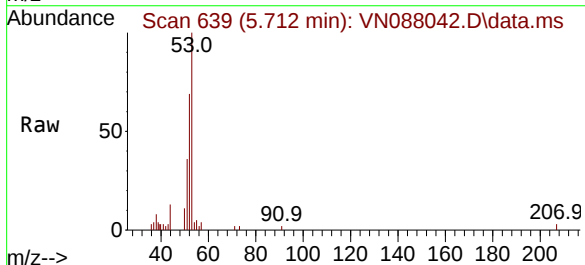
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

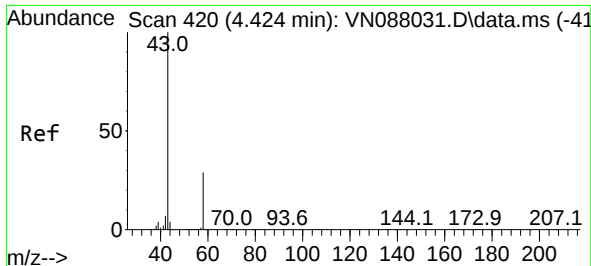
Tgt Ion: 56 Resp: 5592
Ion Ratio Lower Upper
56 100
55 158.8 0.3 0.5#



#14
Acrylonitrile
Concen: 11.450 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 53 Resp: 31721
Ion Ratio Lower Upper
53 100
52 77.4 41.3 124.1
51 15.8 18.0 54.0#

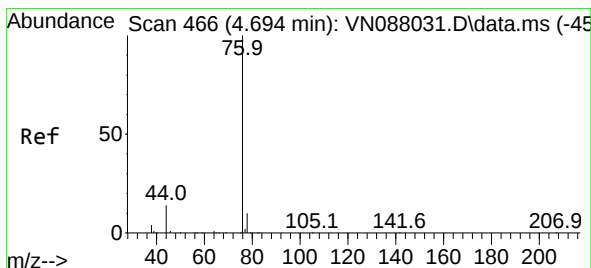
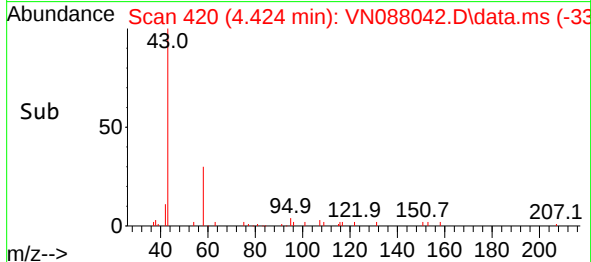
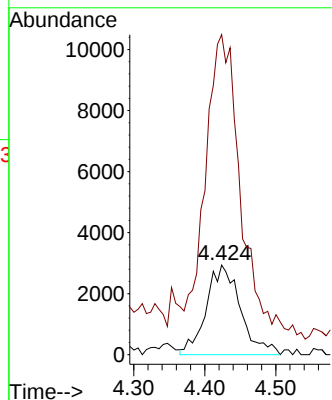
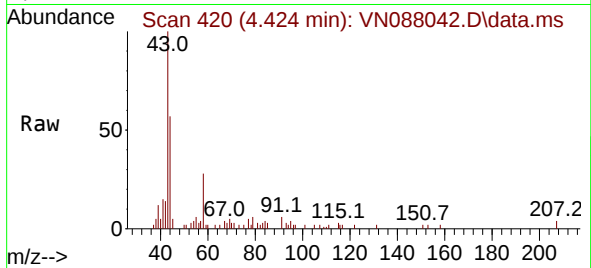




#15
Acetone
Concen: 12.076 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

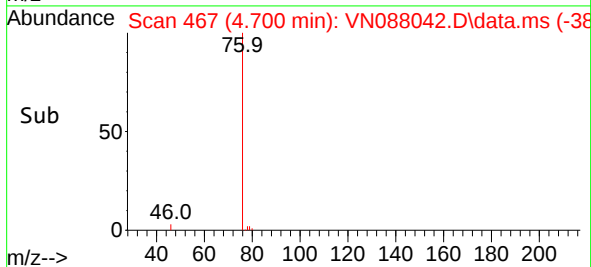
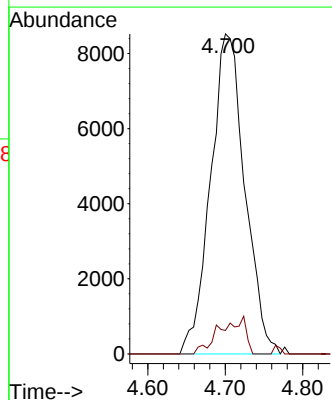
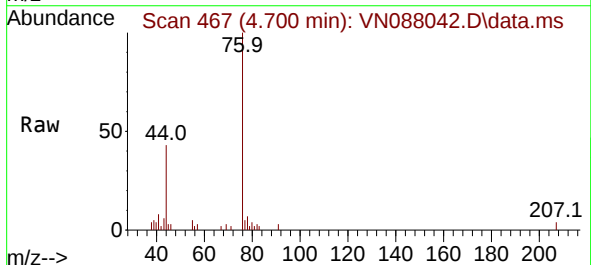
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

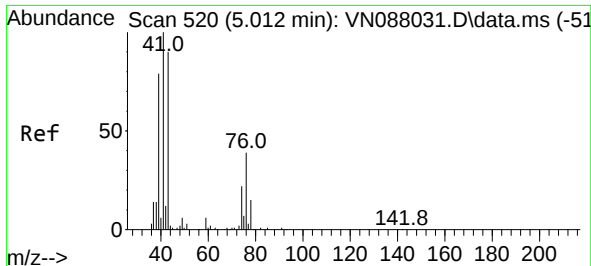
Tgt Ion: 58 Resp: 9798
Ion Ratio Lower Upper
58 100
43 320.7 282.6 424.0



#16
Carbon Disulfide
Concen: 2.370 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 76 Resp: 26238
Ion Ratio Lower Upper
76 100
78 7.3 7.8 11.8#

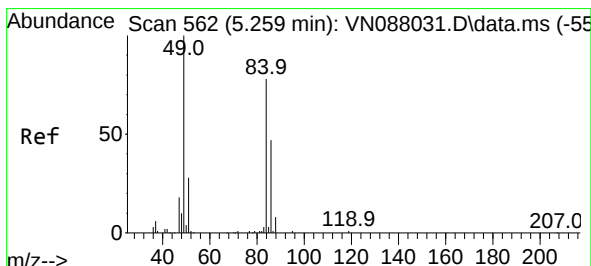
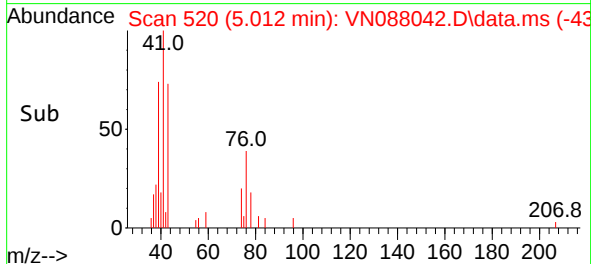
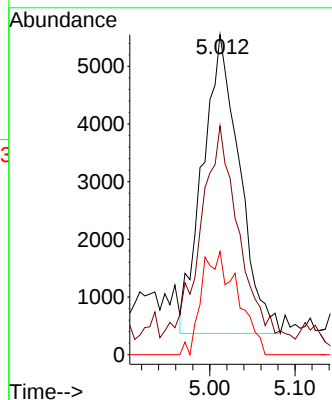
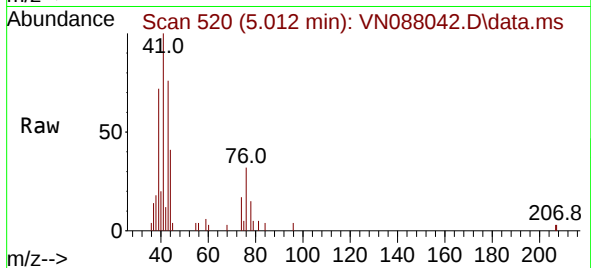




#17
Allyl chloride
Concen: 2.331 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

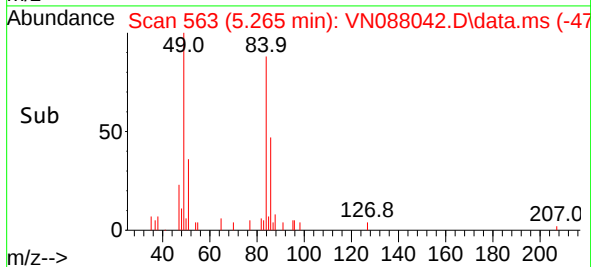
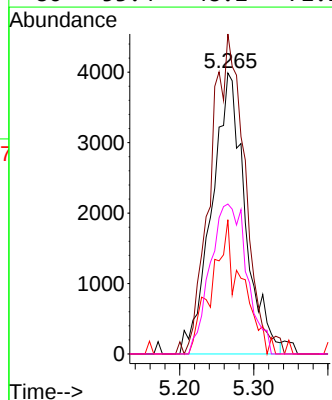
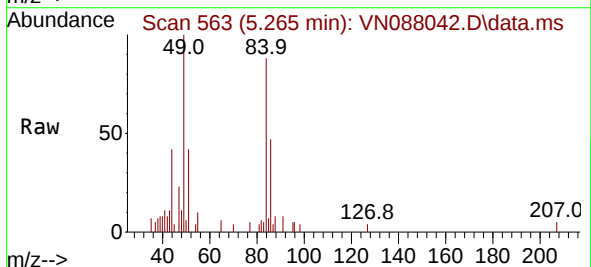
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

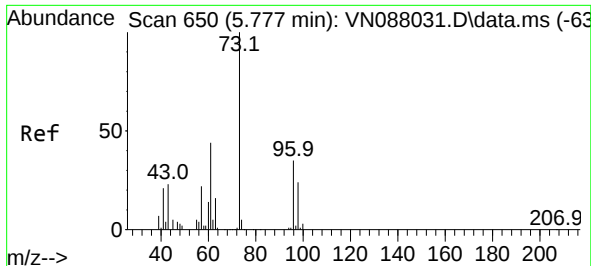
Tgt Ion:	41	Resp:	15531
Ion	Ratio	Lower	Upper
41	100		
39	68.6	36.4	109.2
76	34.6	18.1	54.1



#18
Methylene Chloride
Concen: 2.781 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion:	84	Resp:	12480
Ion	Ratio	Lower	Upper
84	100		
49	109.6	102.6	153.8
51	47.8	28.6	42.8#
86	53.4	48.2	72.2

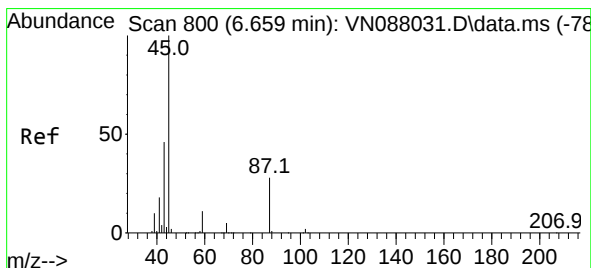
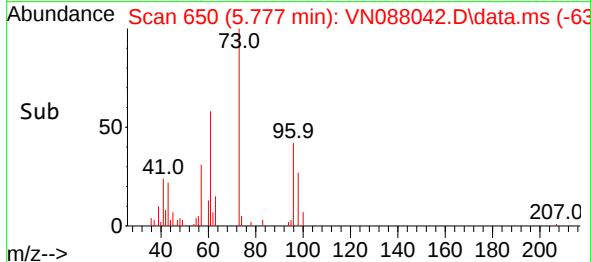
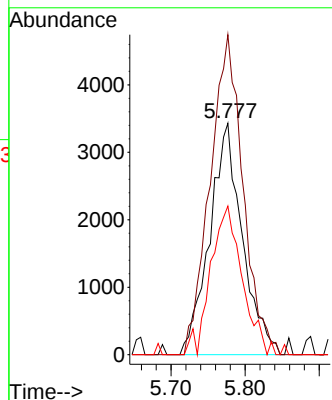
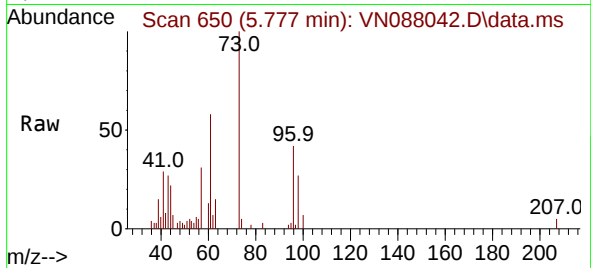




#19
trans-1,2-Dichloroethene
Concen: 2.575 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

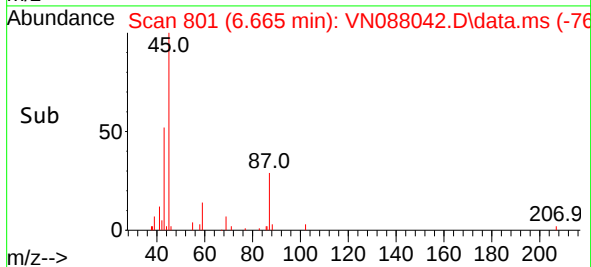
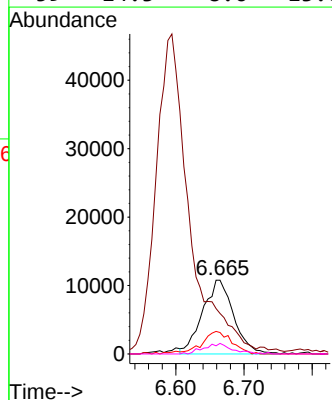
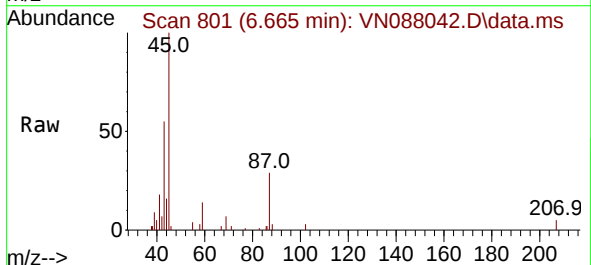
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

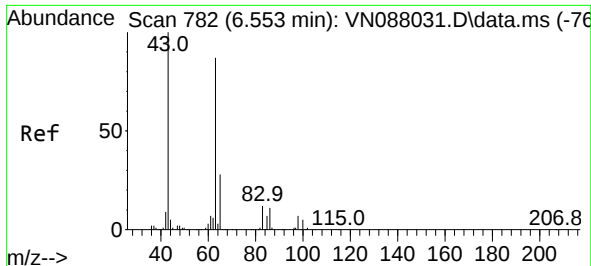
Tgt Ion: 96 Resp: 10513
Ion Ratio Lower Upper
96 100
61 138.3 100.6 151.0
98 64.2 54.0 81.0



#20
Diisopropyl ether
Concen: 2.254 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 45 Resp: 34193
Ion Ratio Lower Upper
45 100
43 50.2 46.1 69.1
87 29.1 22.3 33.5
59 14.3 8.6 13.0#

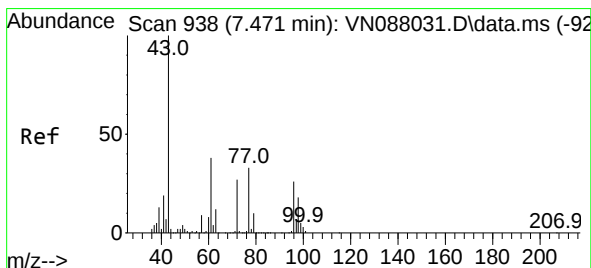
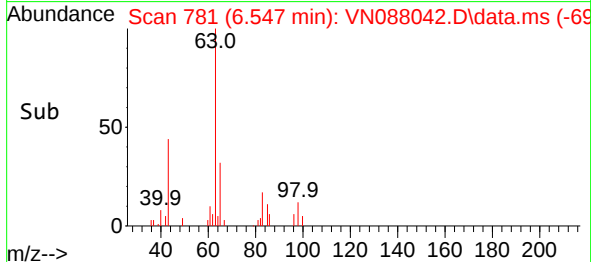
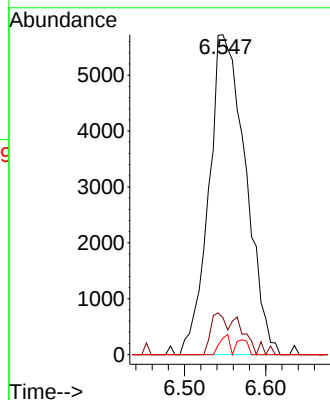
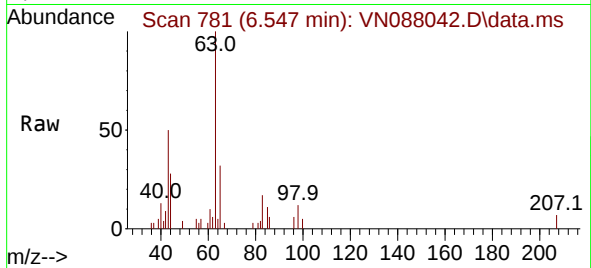




#21
1,1-Dichloroethane
Concen: 2.274 ug/l
RT: 6.547 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

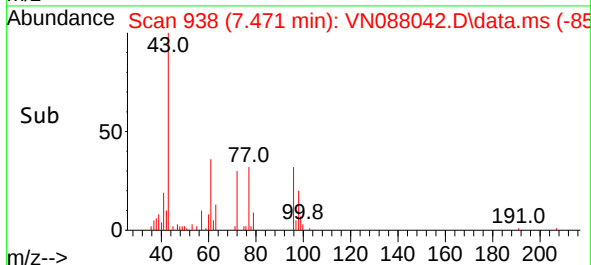
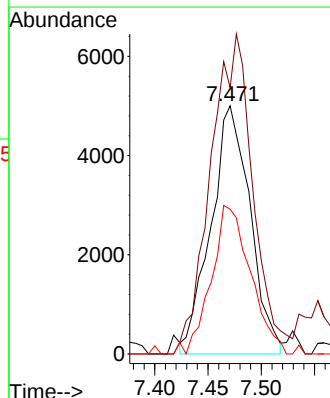
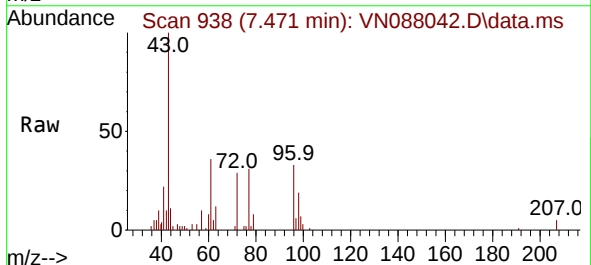
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

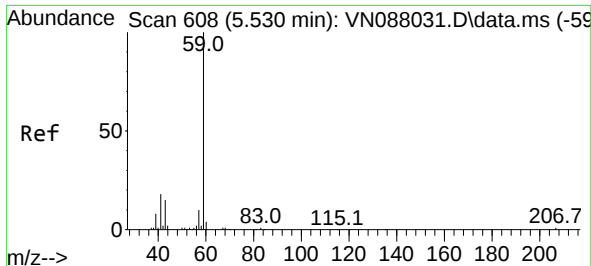
Tgt Ion: 63 Resp: 17961
Ion Ratio Lower Upper
63 100
98 11.6 4.3 12.8
100 5.1 2.6 8.0



#22
cis-1,2-Dichloroethene
Concen: 2.507 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 96 Resp: 12812
Ion Ratio Lower Upper
96 100
61 139.2 117.0 175.6
98 59.0 52.6 79.0

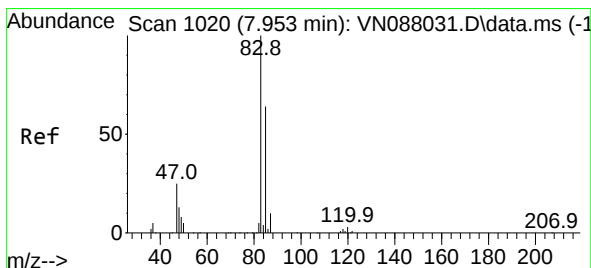
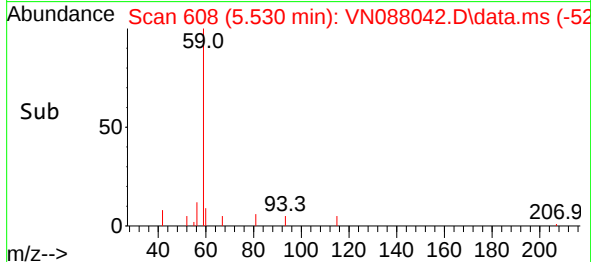
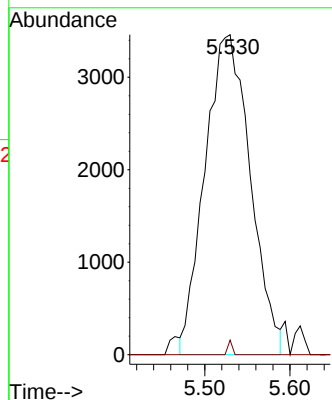
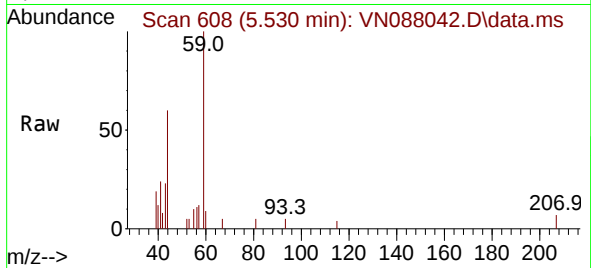




#23
tert-Butyl Alcohol
Concen: 11.533 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

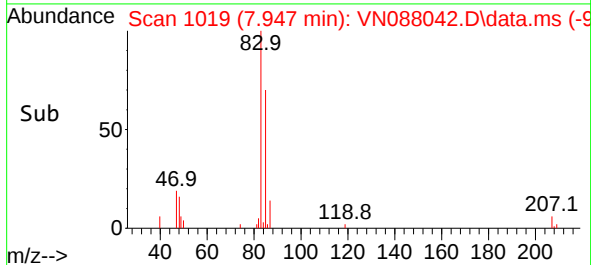
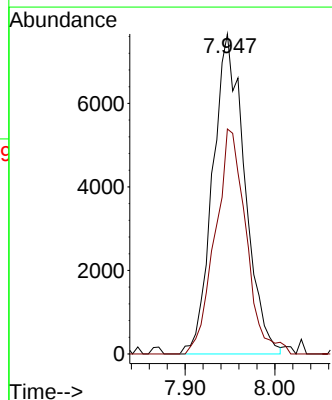
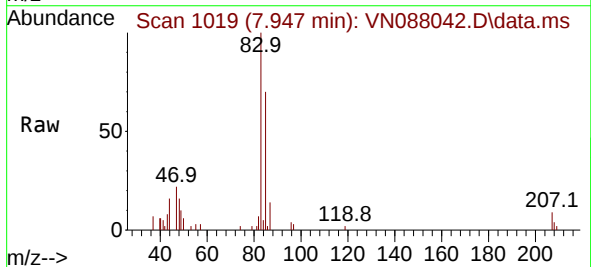
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

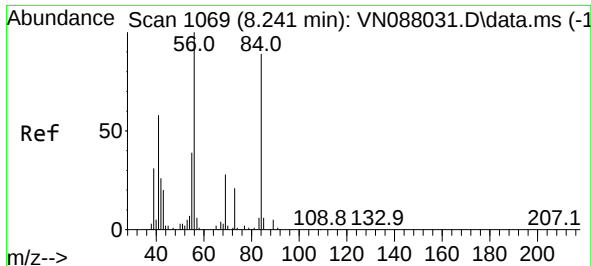
Tgt Ion: 59 Resp: 12814
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#25
Chloroform
Concen: 2.326 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 83 Resp: 18957
Ion Ratio Lower Upper
83 100
85 70.3 50.9 76.3

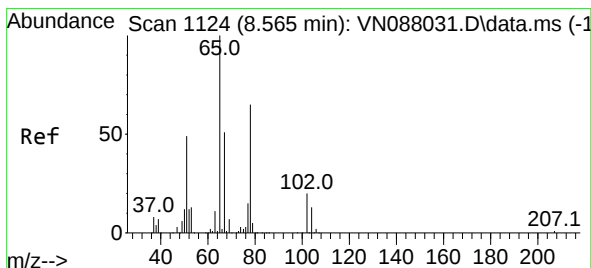
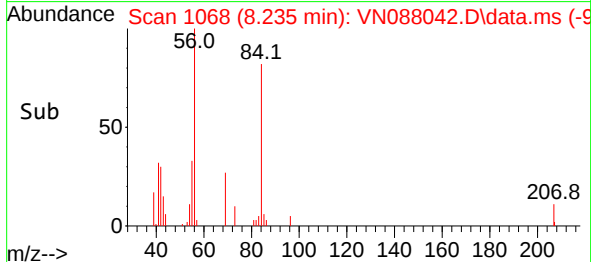
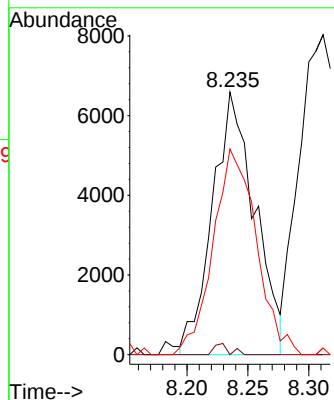
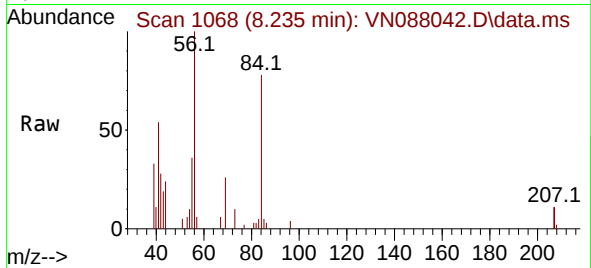




#26
Cyclohexane
Concen: 2.444 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

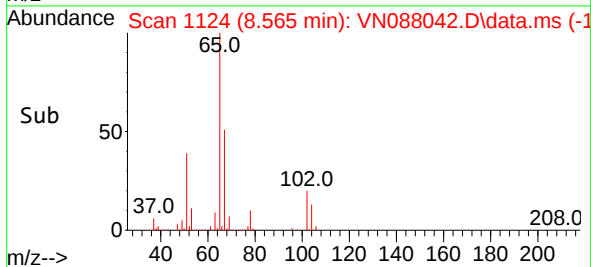
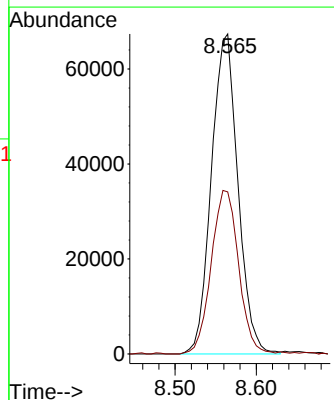
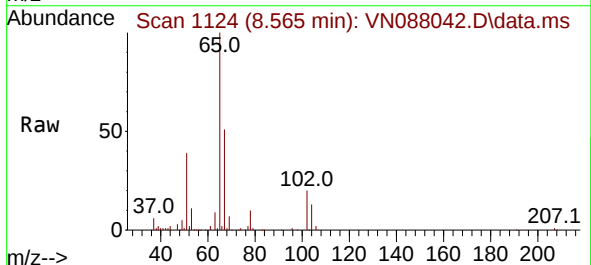
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

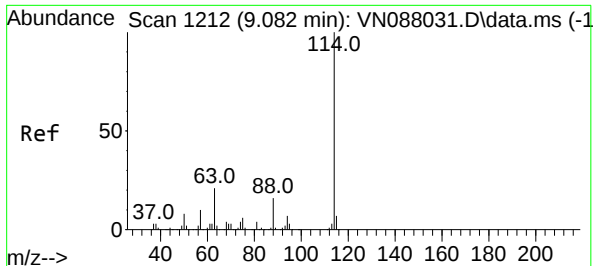
Tgt Ion: 56 Resp: 15993
Ion Ratio Lower Upper
56 100
89 1.1 8.6 12.8#
84 79.6 69.6 104.4



#27
1,2-Dichloroethane-d4
Concen: 29.262 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 65 Resp: 153036
Ion Ratio Lower Upper
65 100
67 52.7 41.9 62.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088042.D

Acq: 08 Oct 2025 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

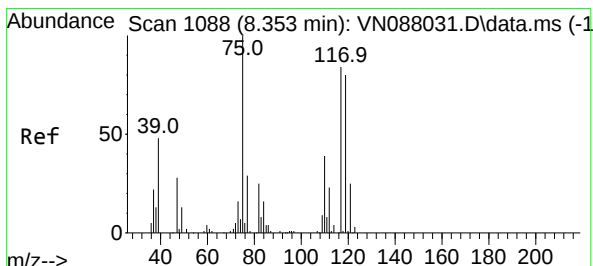
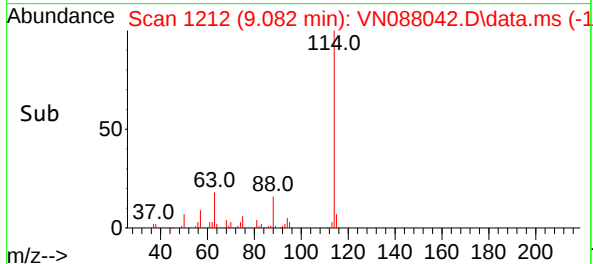
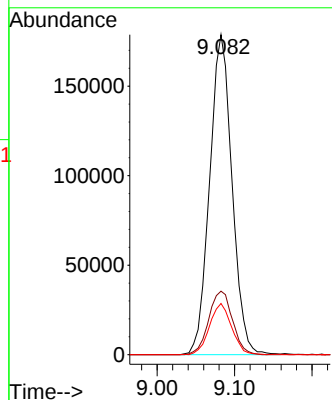
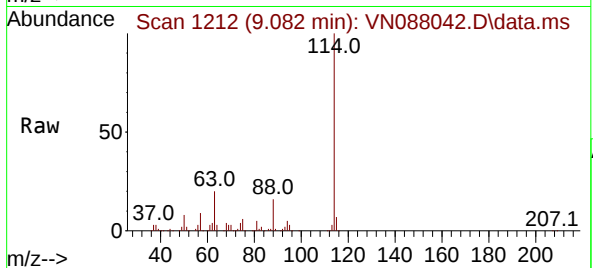
Tgt Ion:114 Resp: 359377

Ion Ratio Lower Upper

114 100

63 21.0 16.6 25.0

88 15.7 12.6 18.8



#29

1,1-Dichloropropene

Concen: 2.454 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN088042.D

Acq: 08 Oct 2025 15:41

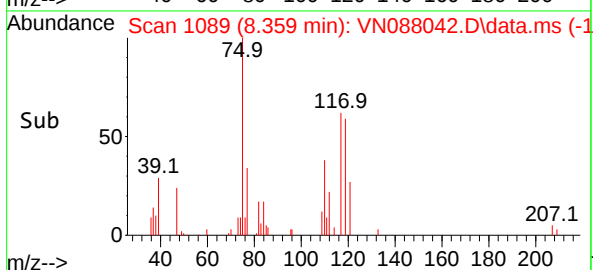
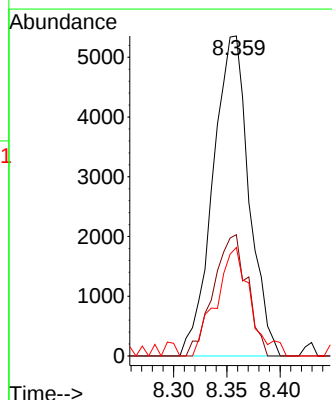
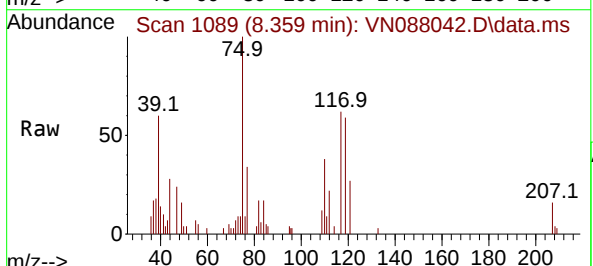
Tgt Ion: 75 Resp: 12643

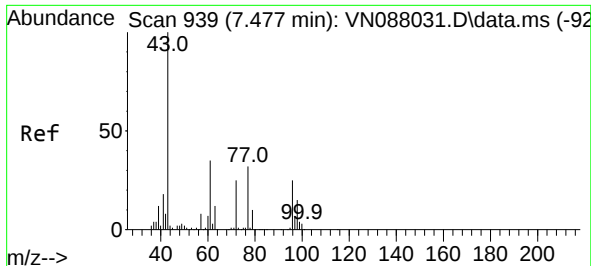
Ion Ratio Lower Upper

75 100

110 35.5 0.0 72.2

77 23.5 0.0 60.6

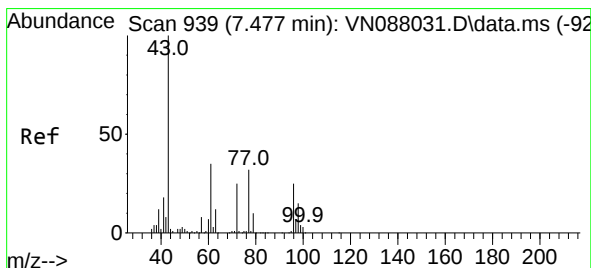
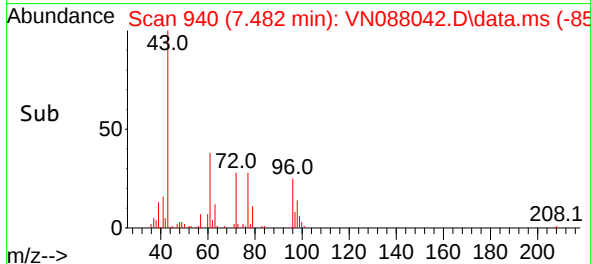
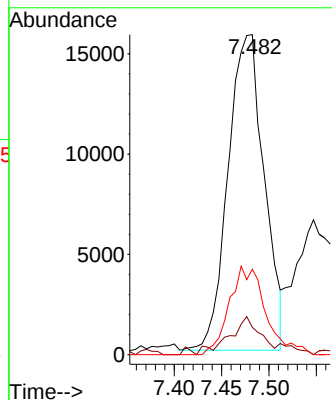
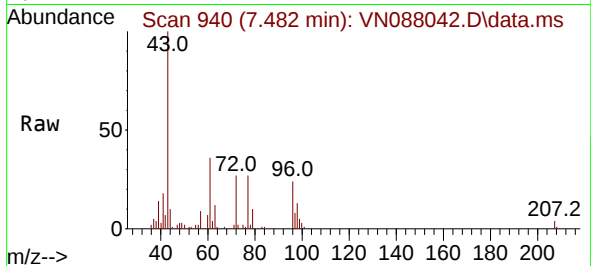




#30
2-Butanone
Concen: 10.992 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

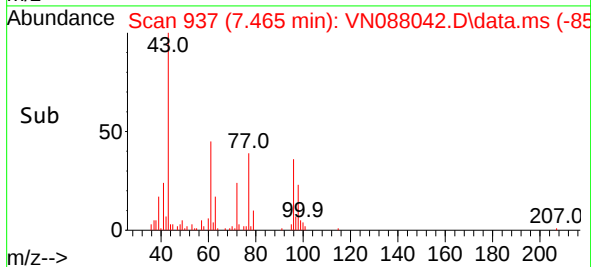
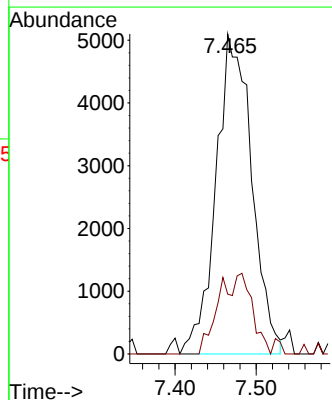
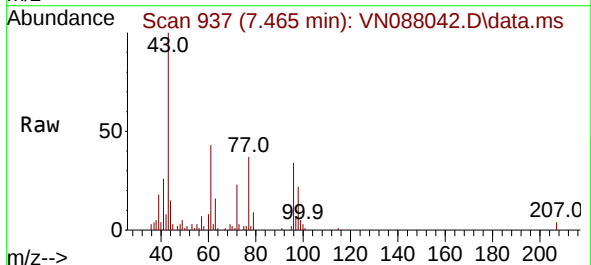
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

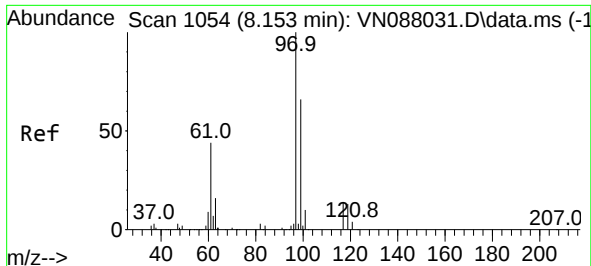
Tgt Ion: 43 Resp: 41763
Ion Ratio Lower Upper
43 100
57 6.0 6.5 9.7#
72 14.8 21.4 32.2#



#31
2,2-Dichloropropane
Concen: 2.344 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.012 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 77 Resp: 15559
Ion Ratio Lower Upper
77 100
97 11.5 17.8 26.8#





#32

1,1,1-Trichloroethane

Concen: 2.489 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088042.D

Acq: 08 Oct 2025 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

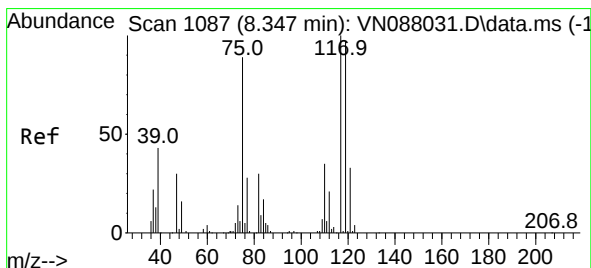
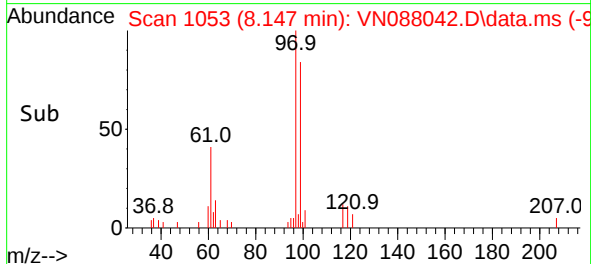
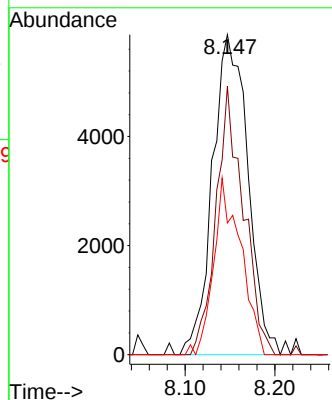
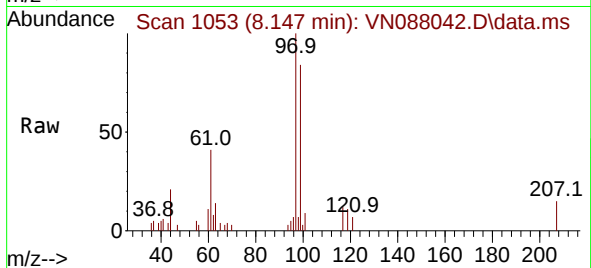
Tgt Ion: 97 Resp: 16023

Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.2

61 42.0 34.7 52.1



#33

Carbon Tetrachloride

Concen: 2.378 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.000 min

Lab File: VN088042.D

Acq: 08 Oct 2025 15:41

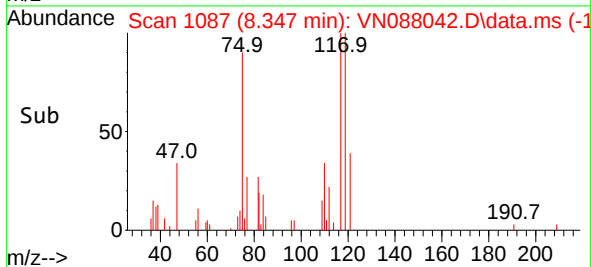
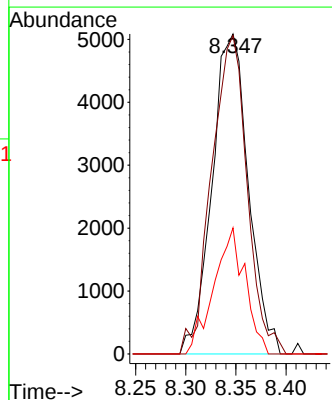
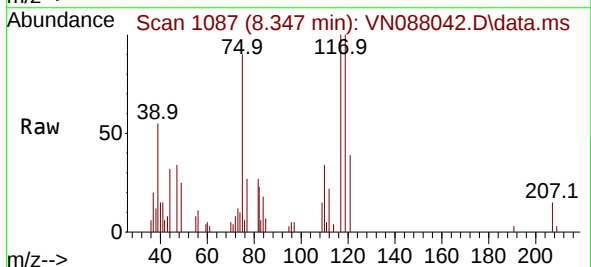
Tgt Ion: 117 Resp: 12820

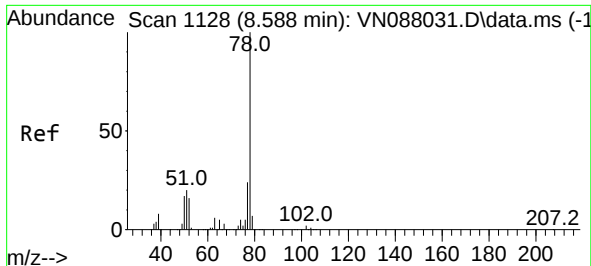
Ion Ratio Lower Upper

117 100

119 99.5 77.9 116.9

121 39.4 26.4 39.6

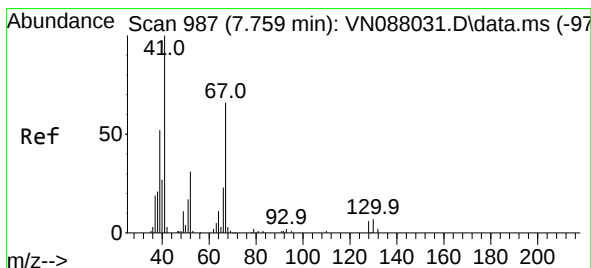
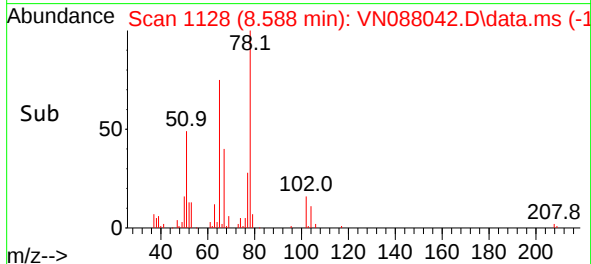
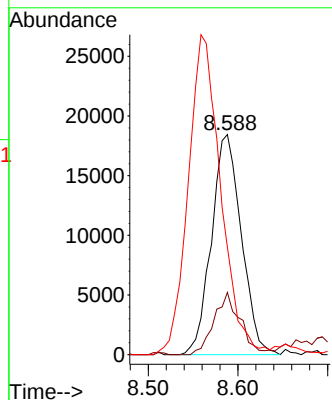
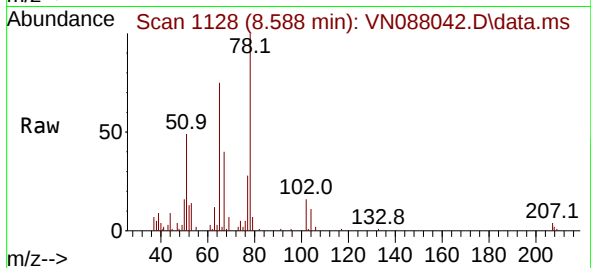




#34
Benzene
Concen: 2.499 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

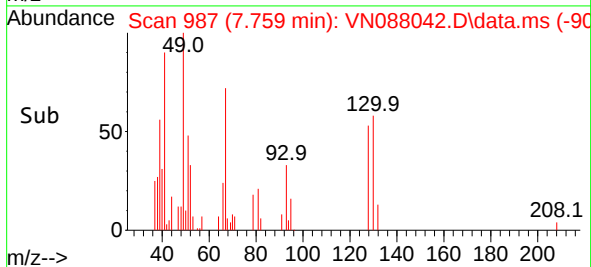
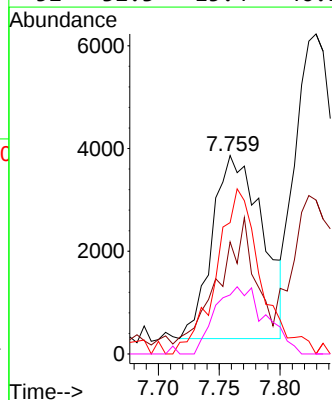
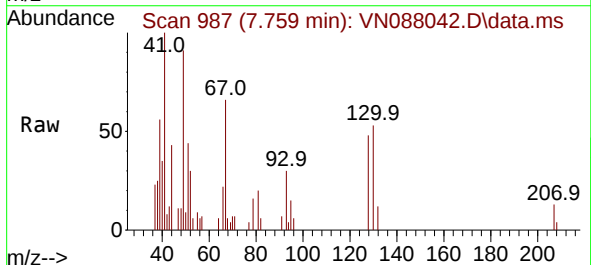
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

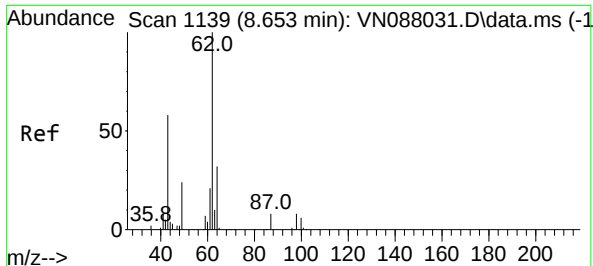
Tgt Ion: 78 Resp: 42700
Ion Ratio Lower Upper
78 100
77 28.3 18.9 28.3
51 45.4 15.6 23.4#



#35
Methacrylonitrile
Concen: 2.555 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 41 Resp: 10208
Ion Ratio Lower Upper
41 100
39 52.0 26.1 78.3
67 65.4 33.1 99.2
52 32.3 15.4 46.1

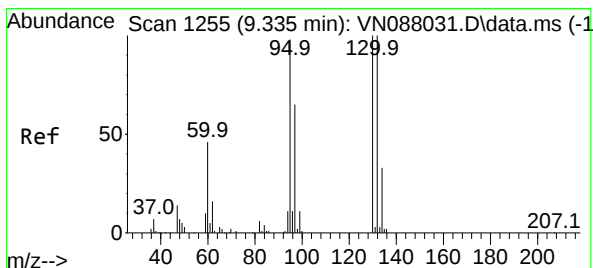
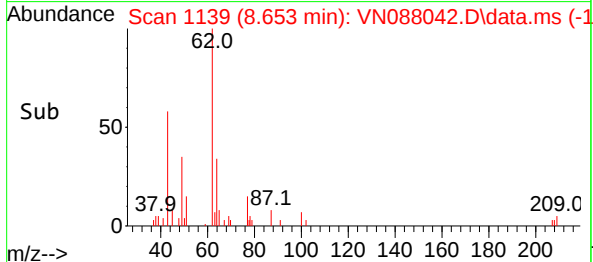
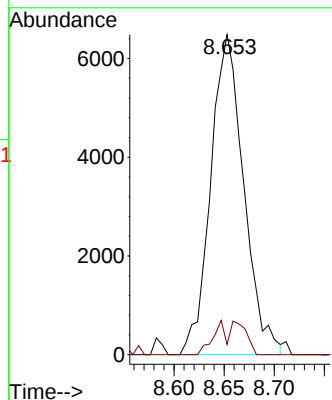
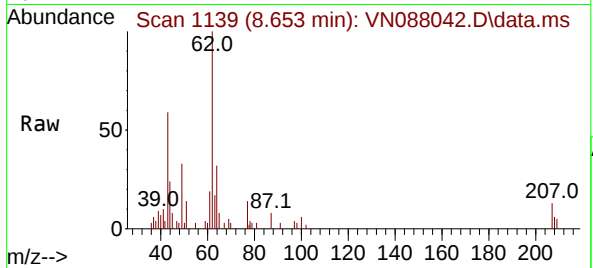




#36
1,2-Dichloroethane
Concen: 2.507 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

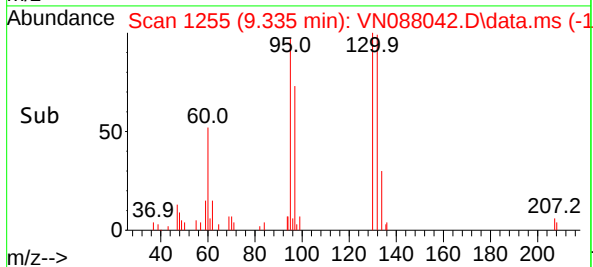
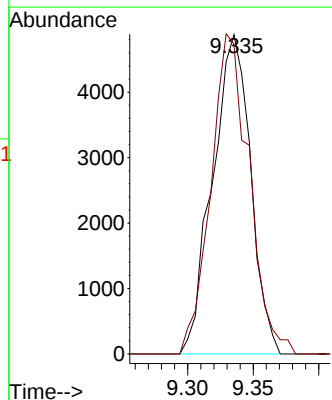
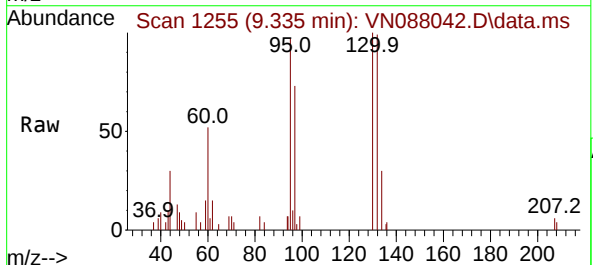
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

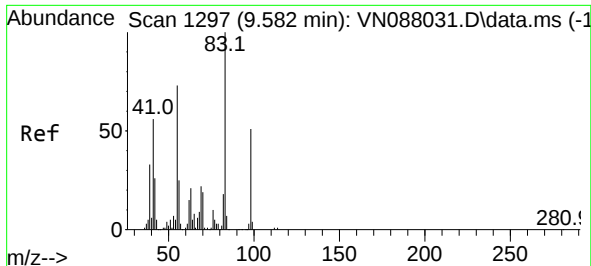
Tgt Ion: 62 Resp: 14873
Ion Ratio Lower Upper
62 100
98 5.0 7.8 11.6#



#37
Trichloroethene
Concen: 2.432 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion:130 Resp: 9845
Ion Ratio Lower Upper
130 100
95 97.1 78.7 118.1

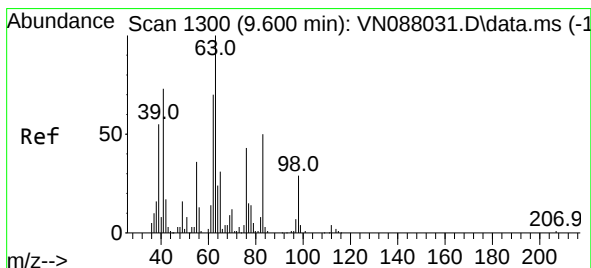
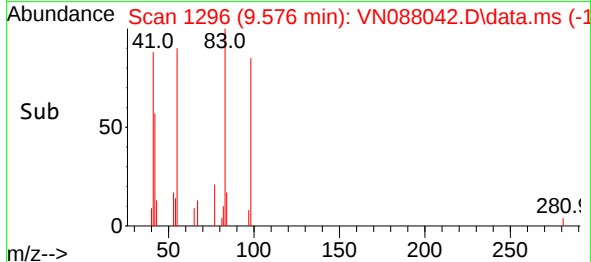
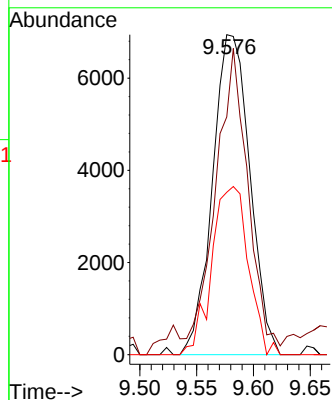
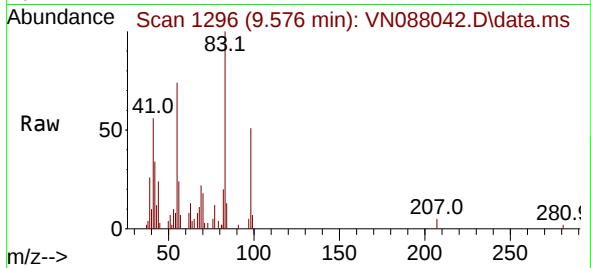




#38
Methylcyclohexane
Concen: 2.497 ug/l
RT: 9.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

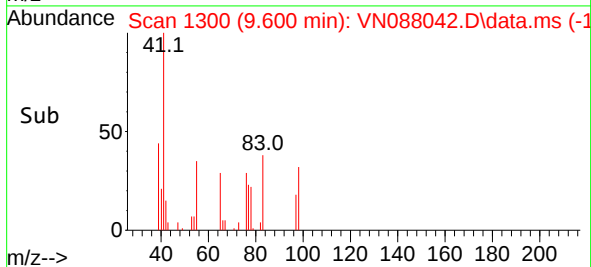
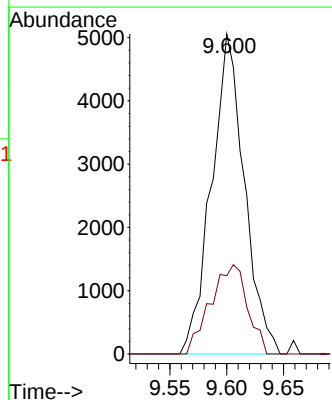
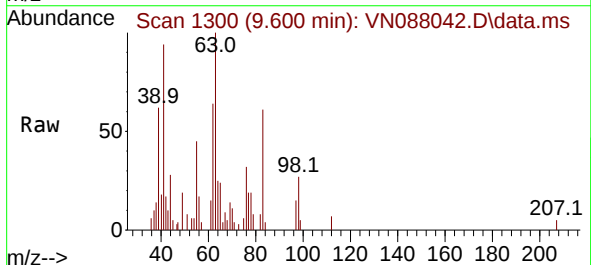
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

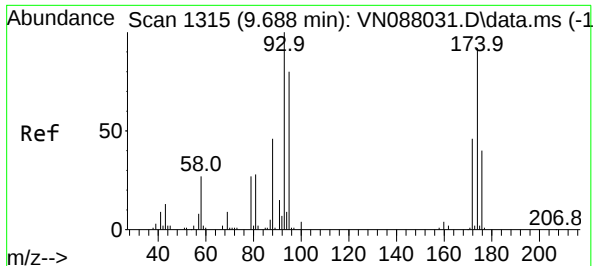
Tgt Ion: 83 Resp: 15885
Ion Ratio Lower Upper
83 100
55 78.5 37.3 111.9
98 50.9 25.4 76.0



#39
1,2-Dichloropropane
Concen: 2.377 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 63 Resp: 10183
Ion Ratio Lower Upper
63 100
65 24.5 25.0 37.6#





#40

Dibromomethane

Concen: 2.684 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088042.D

Acq: 08 Oct 2025 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

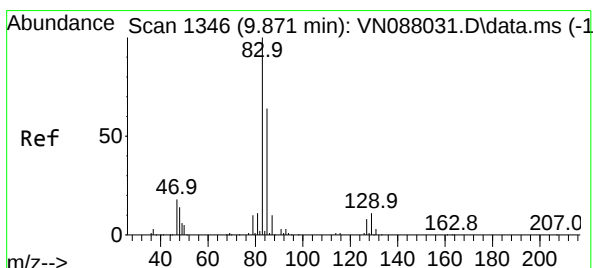
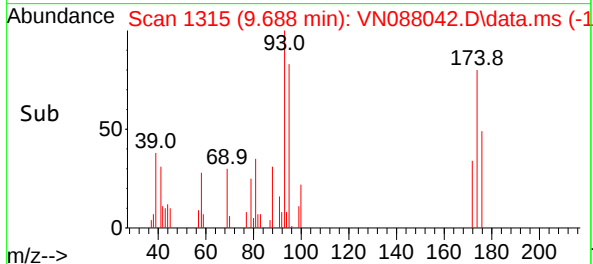
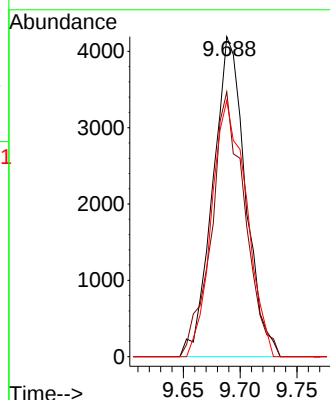
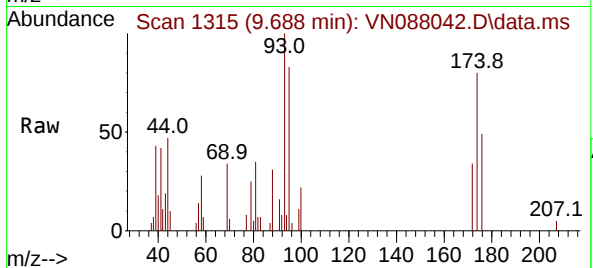
Tgt Ion: 93 Resp: 8371

Ion Ratio Lower Upper

93 100

95 84.0 0.0 158.6

174 85.2 0.0 180.8



#41

Bromodichloromethane

Concen: 2.555 ug/l

RT: 9.865 min Scan# 1345

Delta R.T. -0.006 min

Lab File: VN088042.D

Acq: 08 Oct 2025 15:41

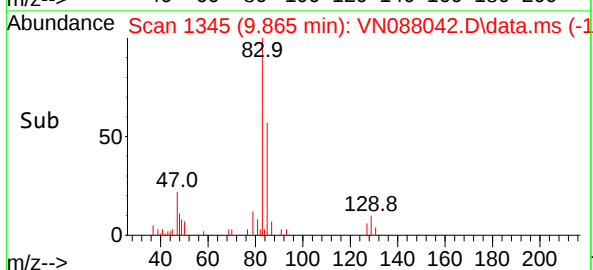
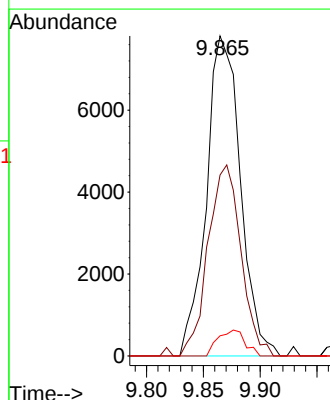
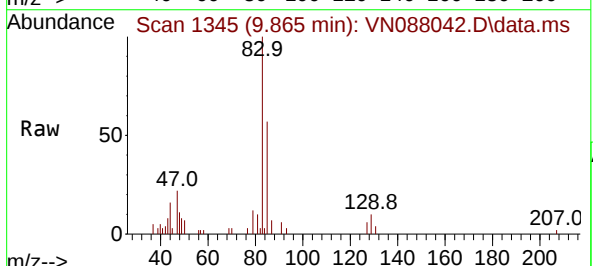
Tgt Ion: 83 Resp: 16271

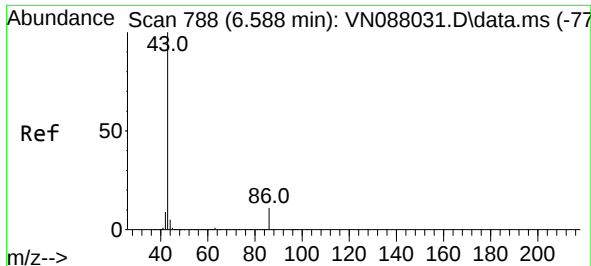
Ion Ratio Lower Upper

83 100

85 56.5 51.0 76.4

127 6.3 6.1 9.1





#42

Vinyl Acetate

Concen: 10.777 ug/l

RT: 6.594 min Scan# 789

Delta R.T. 0.006 min

Lab File: VN088042.D

Acq: 08 Oct 2025 15:41

Instrument :

MSVOA_N

ClientSampleId :

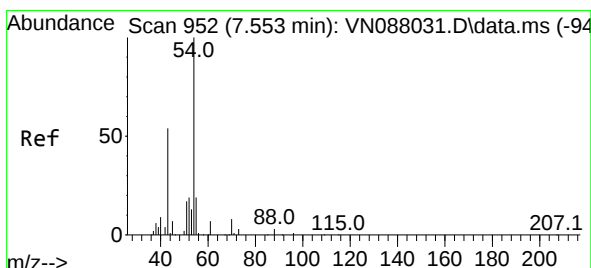
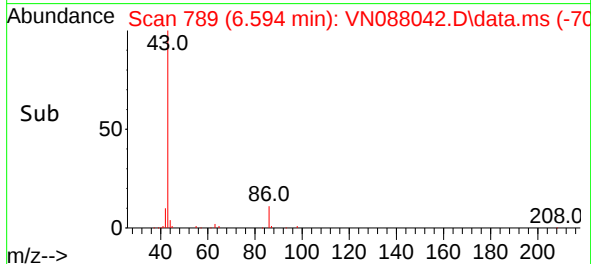
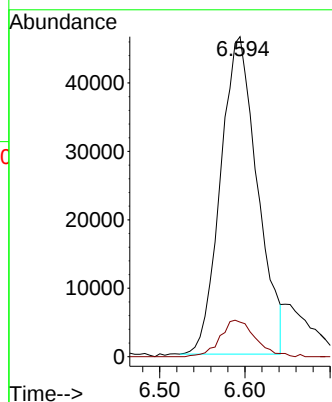
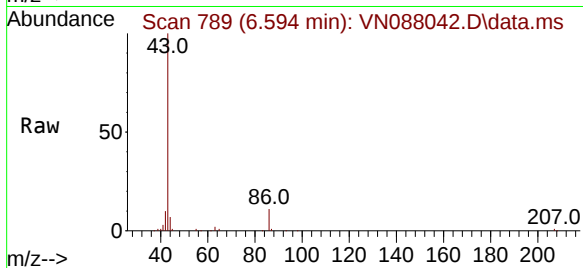
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 139483

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



#43

Ethyl Acetate

Concen: 2.562 ug/l

RT: 7.547 min Scan# 951

Delta R.T. -0.006 min

Lab File: VN088042.D

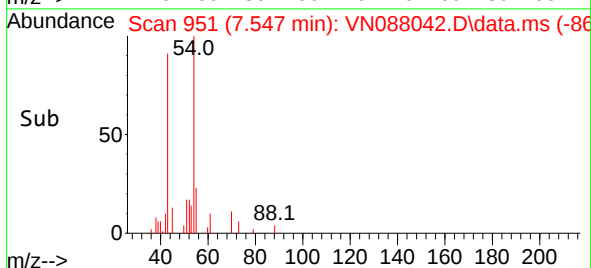
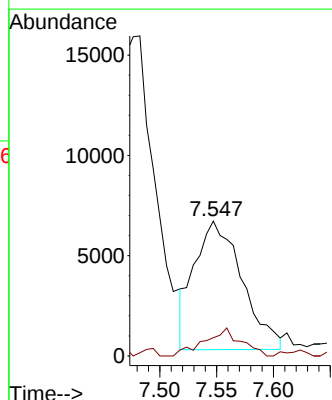
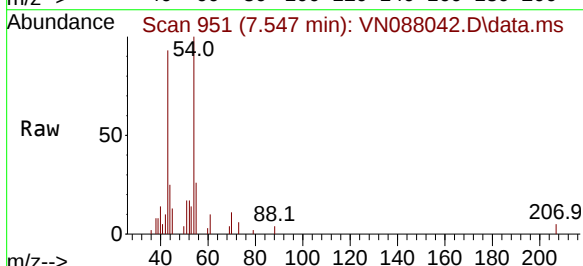
Acq: 08 Oct 2025 15:41

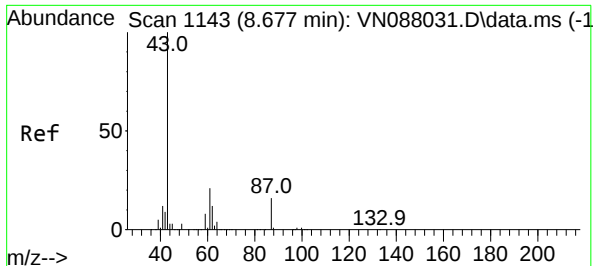
Tgt Ion: 43 Resp: 18711

Ion Ratio Lower Upper

43 100

45 8.1 10.2 15.4#

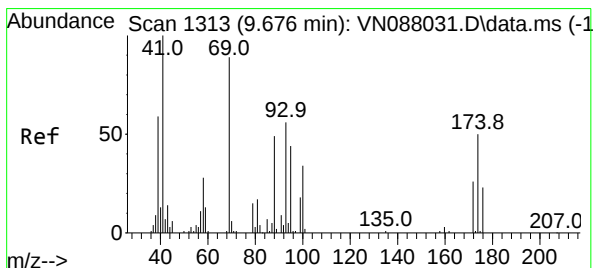
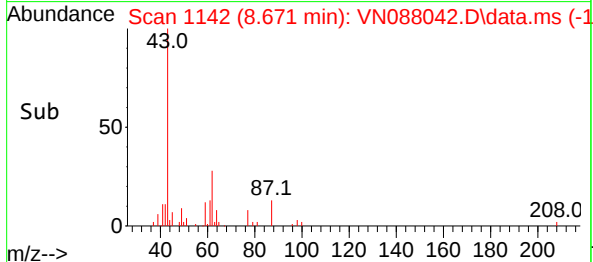
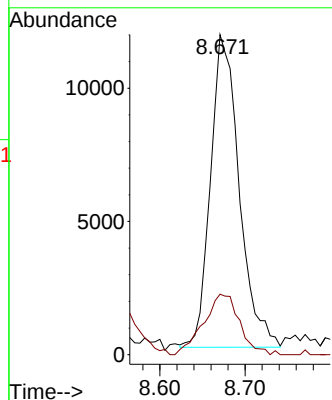
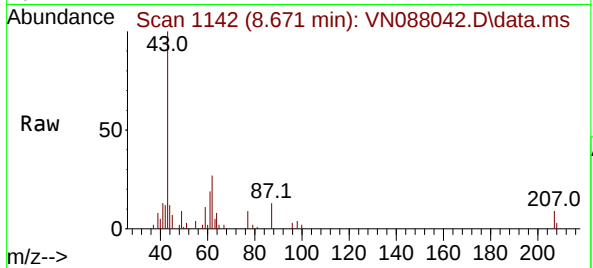




#44
Isopropyl Acetate
Concen: 2.299 ug/l
RT: 8.671 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

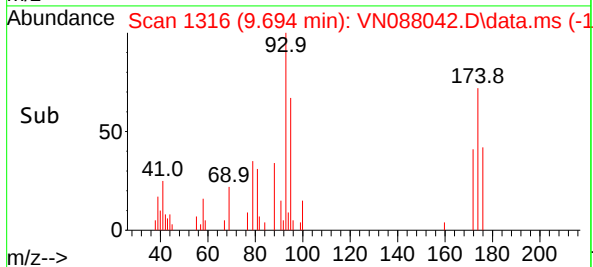
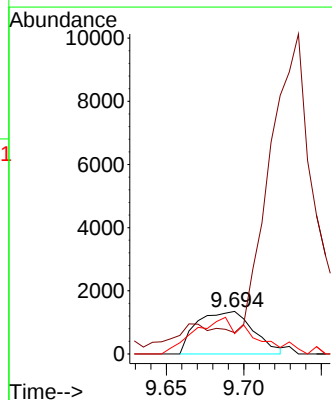
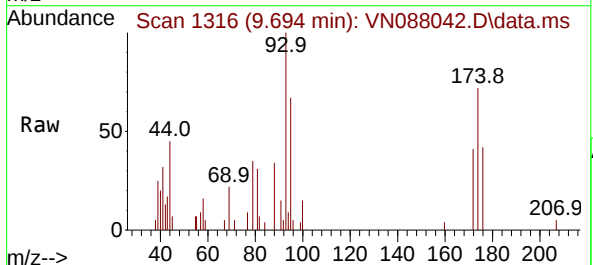
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

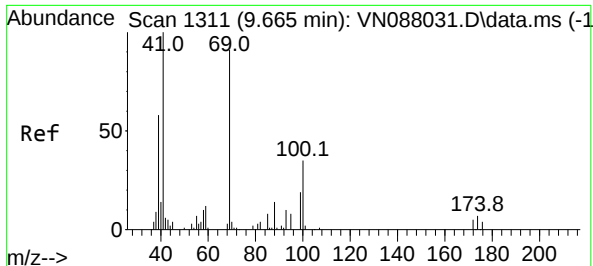
Tgt Ion: 43 Resp: 27425
Ion Ratio Lower Upper
43 100
61 23.9 18.7 28.1



#45
1,4-Dioxane
Concen: 42.995 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.018 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 88 Resp: 3411
Ion Ratio Lower Upper
88 100
43 30.2 18.6 27.8#
58 83.2 57.4 86.2

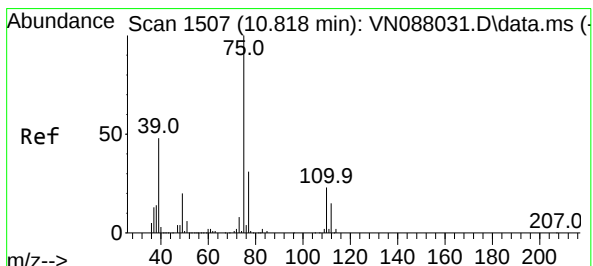
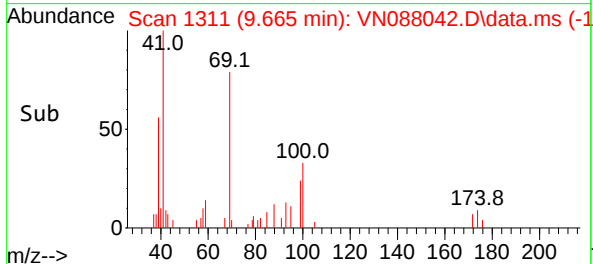
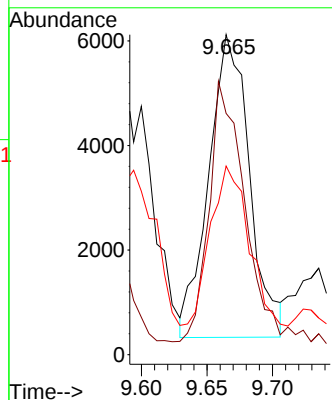
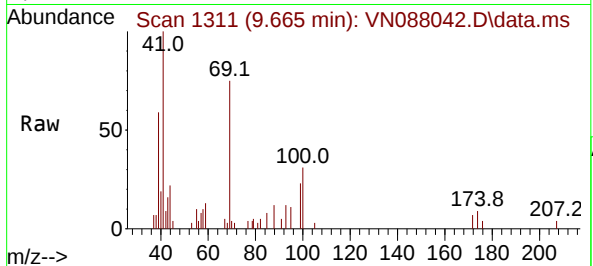




#46
Methyl methacrylate
Concen: 2.382 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

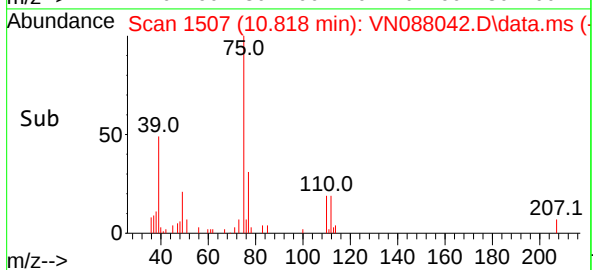
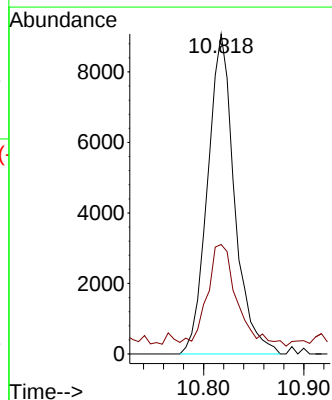
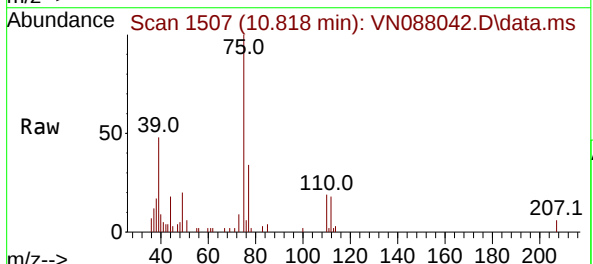
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

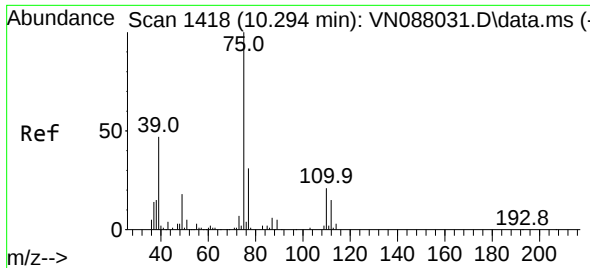
Tgt Ion:	41	Resp:	12515
Ion	Ratio	Lower	Upper
41	100		
69	80.5	44.9	134.7
39	56.2	30.3	90.8



#48
t-1,3-Dichloropropene
Concen: 2.390 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion:	75	Resp:	16926
Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.5	36.7

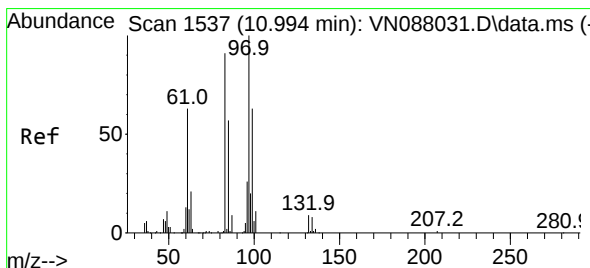
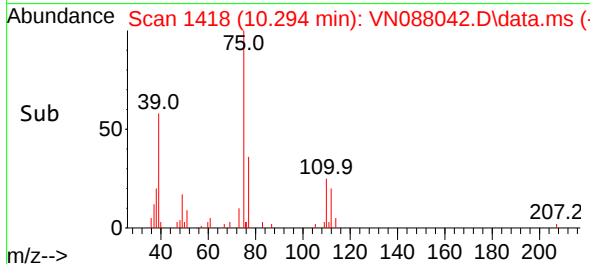
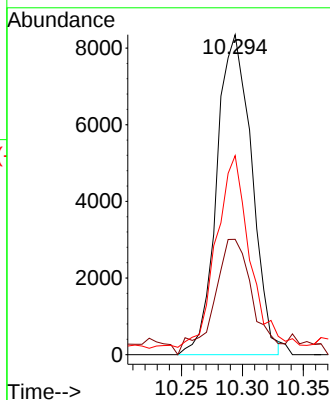
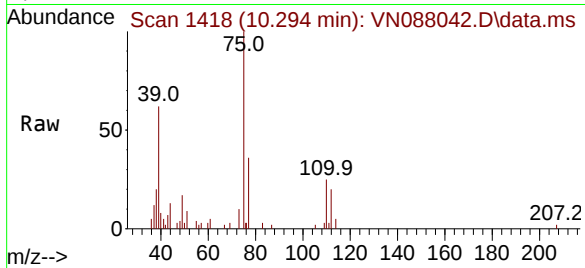




#49
 cis-1,3-Dichloropropene
 Concen: 2.254 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN088042.D
 Acq: 08 Oct 2025 15:41

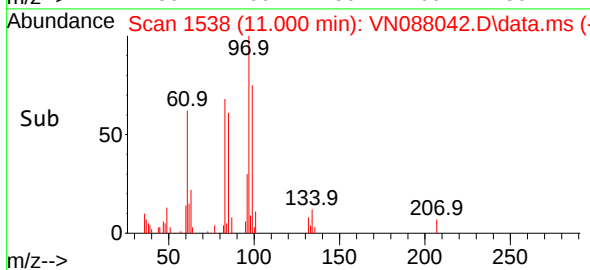
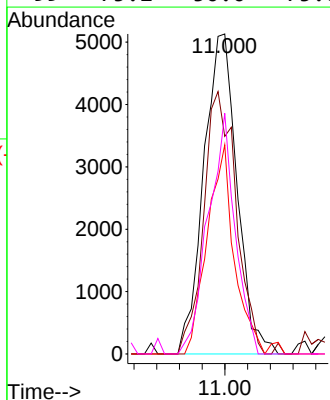
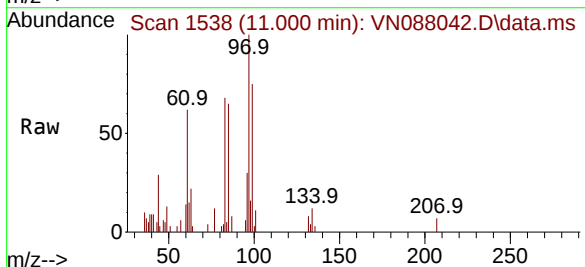
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

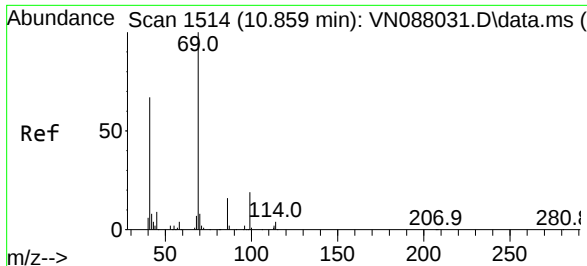
Tgt Ion: 75	Resp: 16653
Ion Ratio	Lower Upper
75 100	
77 36.0	25.0 37.4
39 59.9	37.4 56.0#



#50
 1,1,2-Trichloroethane
 Concen: 2.533 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN088042.D
 Acq: 08 Oct 2025 15:41

Tgt Ion: 97	Resp: 10460
Ion Ratio	Lower Upper
97 100	
83 68.0	72.5 108.7#
85 65.3	45.5 68.3
99 75.2	50.0 75.0#

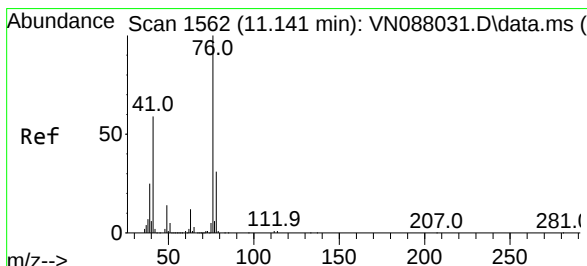
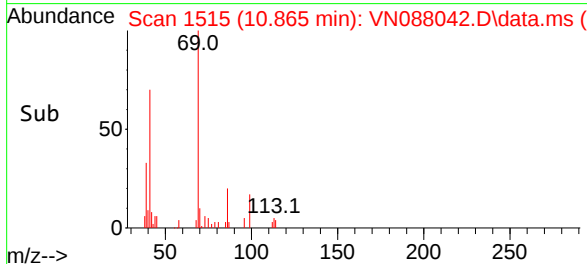
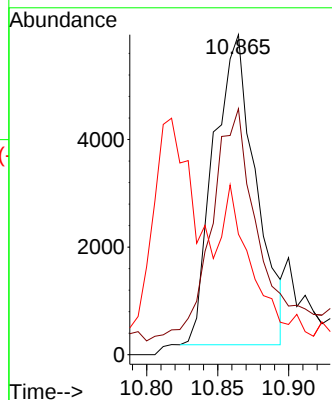
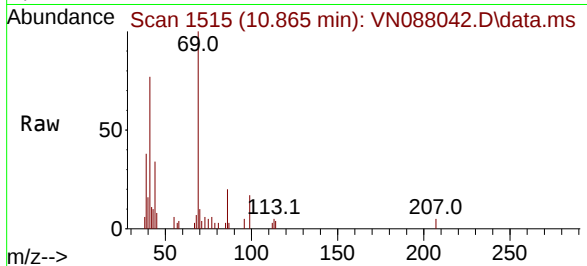




#51
Ethyl methacrylate
Concen: 1.705 ug/l
RT: 10.865 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

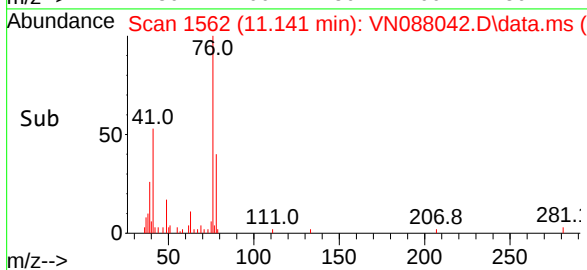
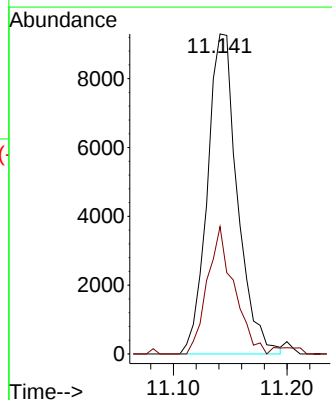
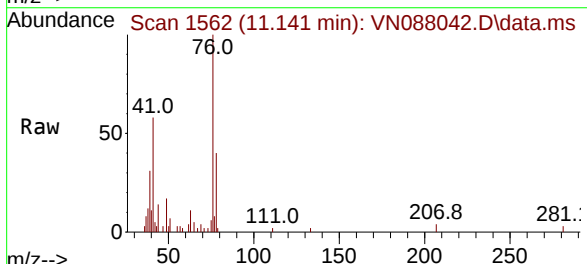
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

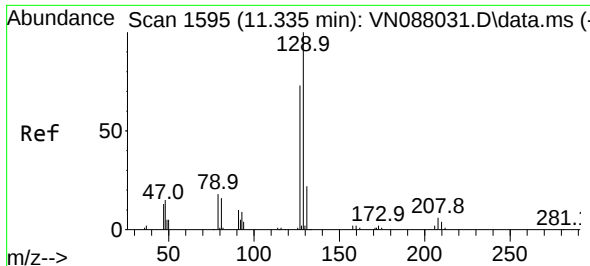
Tgt Ion: 69 Resp: 11917
Ion Ratio Lower Upper
69 100
41 71.2 33.3 99.8
39 28.4 20.3 61.0



#52
1,3-Dichloropropane
Concen: 2.378 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 76 Resp: 17131
Ion Ratio Lower Upper
76 100
78 35.3 0.0 65.0

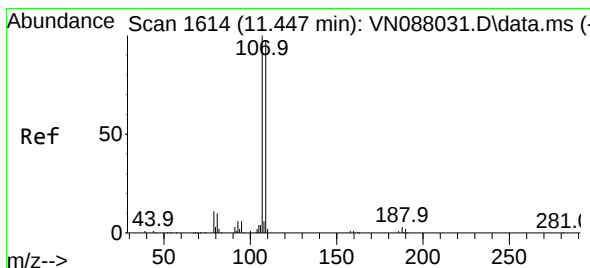
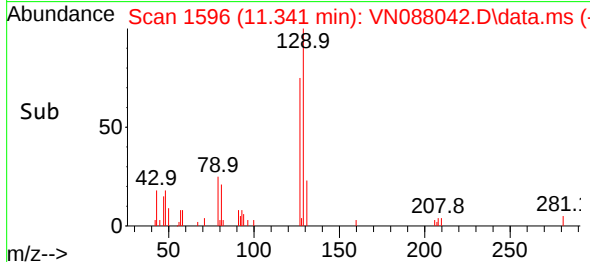
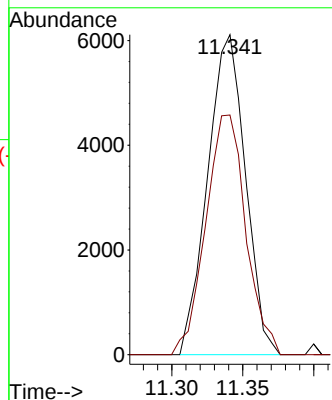
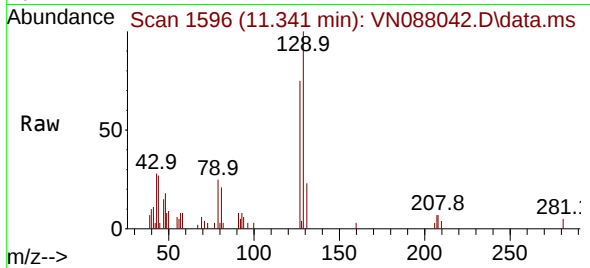




#53
Dibromochloromethane
Concen: 2.298 ug/l
RT: 11.341 min Scan# 11345
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

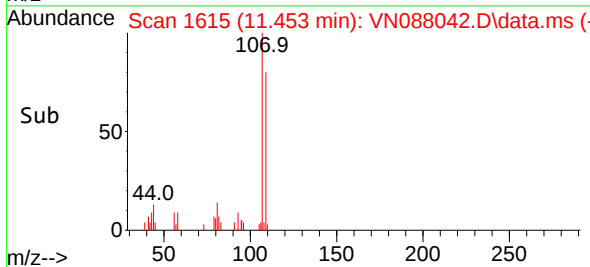
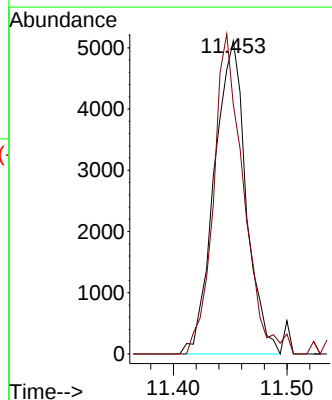
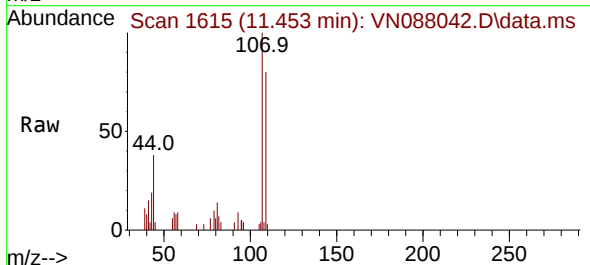
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

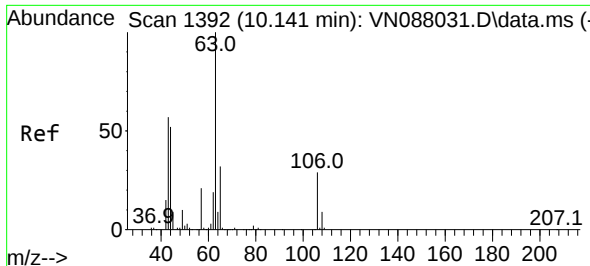
Tgt Ion:129 Resp: 11345
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.3



#54
1,2-Dibromoethane
Concen: 2.259 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion:107 Resp: 9975
Ion Ratio Lower Upper
107 100
109 94.8 75.5 113.3

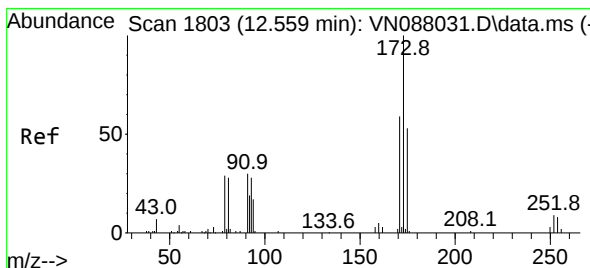
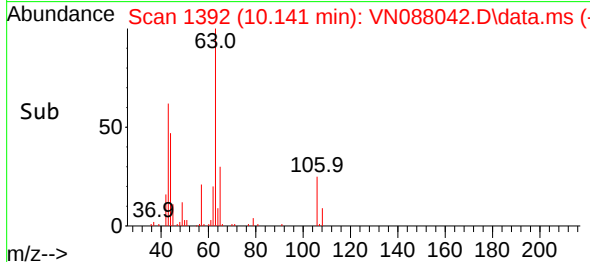
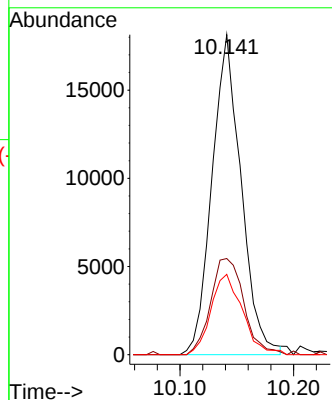
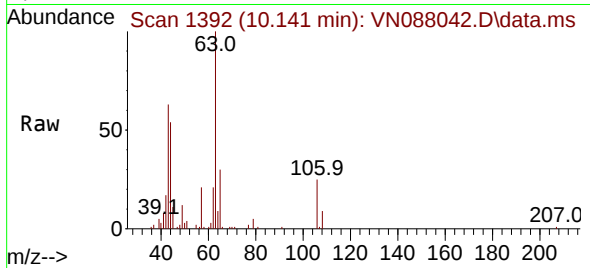




#55
2-Chloroethyl vinyl ether
Concen: 8.555 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

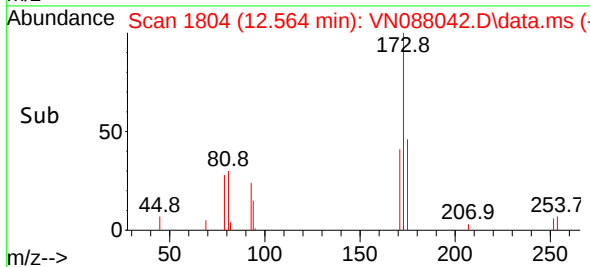
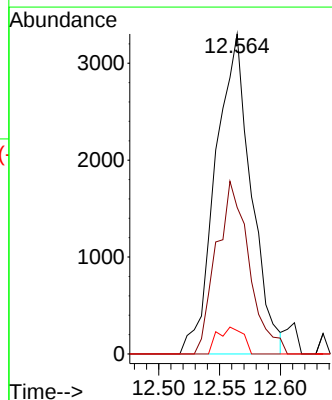
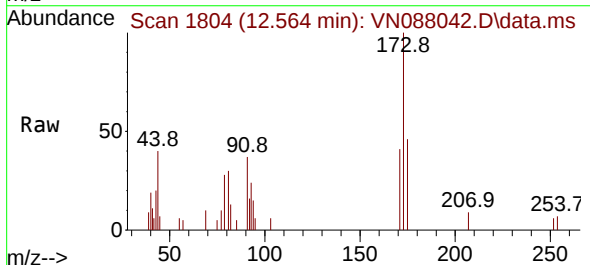
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

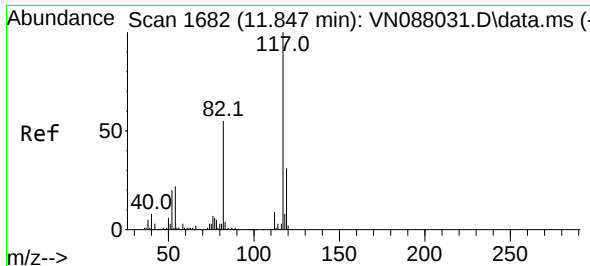
Tgt Ion:	63	Resp:	32276
Ion	Ratio	Lower	Upper
63	100		
65	34.3	25.7	38.5
106	27.0	22.6	34.0



#56
Bromoform
Concen: 2.013 ug/l
RT: 12.564 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion:	173	Resp:	6720
Ion	Ratio	Lower	Upper
173	100		
175	49.9	39.6	59.4
254	6.0	6.6	10.0

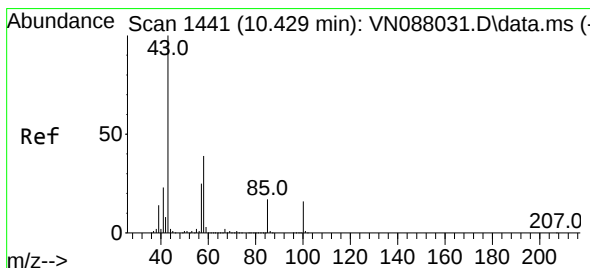
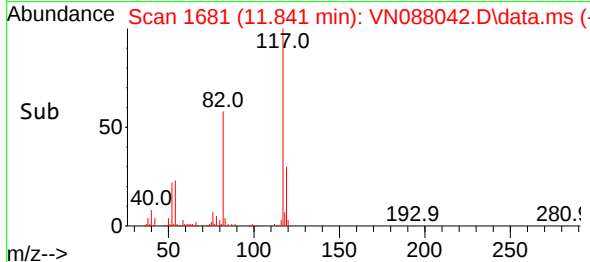
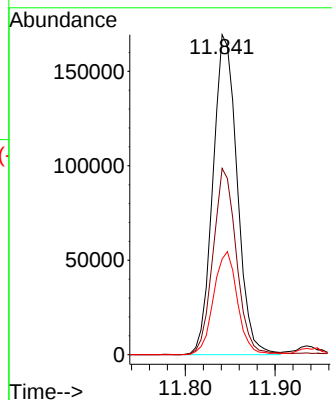
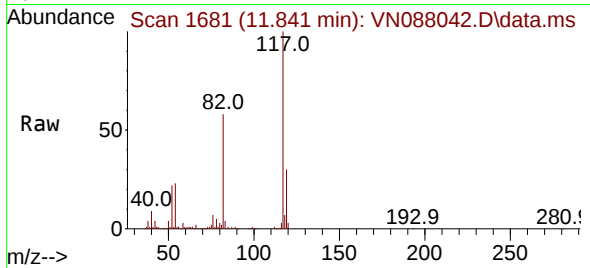




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

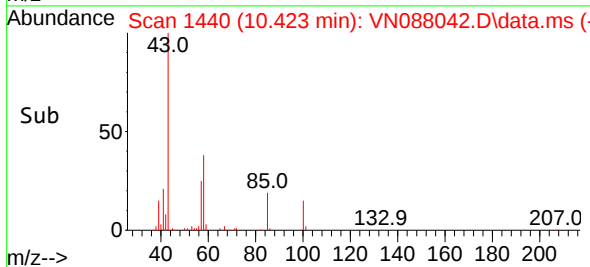
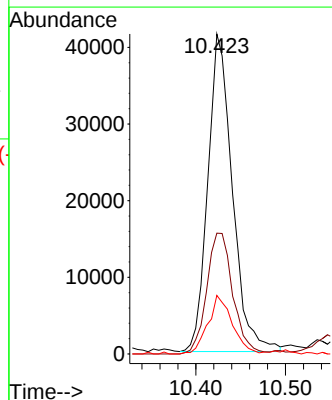
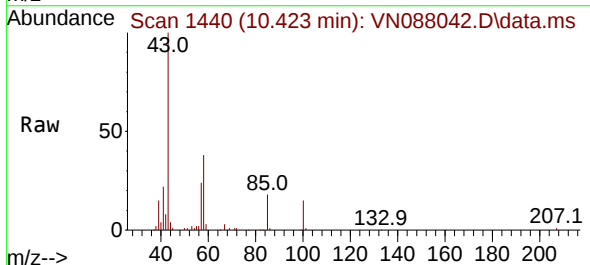
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

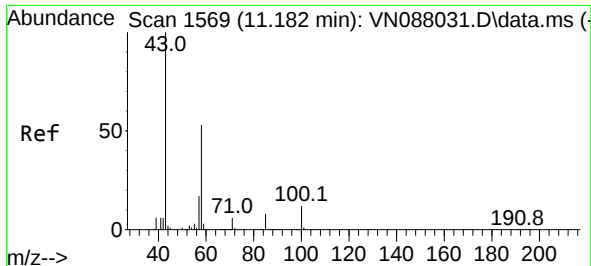
Tgt Ion:117 Resp: 317948
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 31.7 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 11.074 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 43 Resp: 78756
Ion Ratio Lower Upper
43 100
58 40.4 31.2 46.8
85 18.2 13.7 20.5

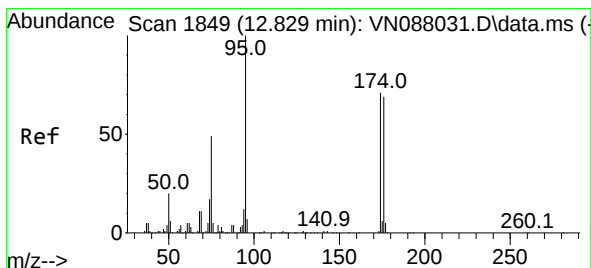
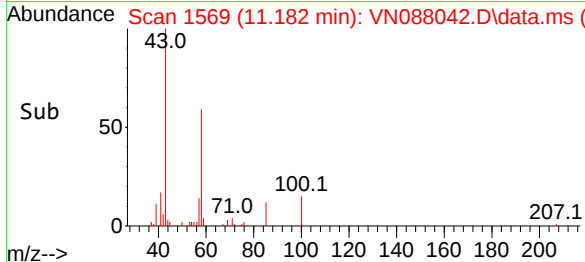
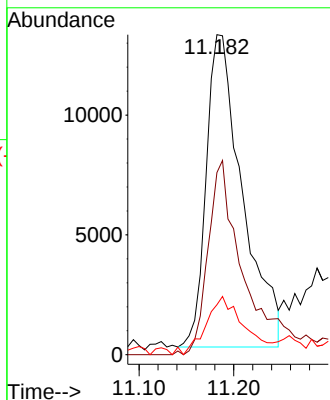
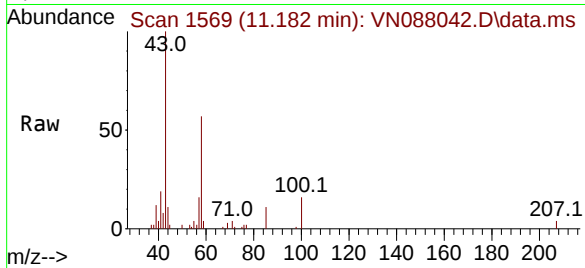




#59
2-Hexanone
Concen: 7.406 ug/l
RT: 11.182 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

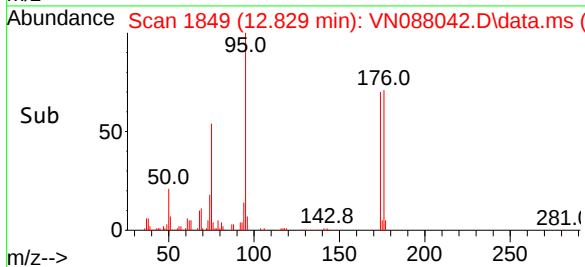
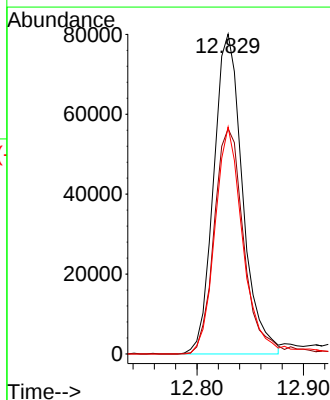
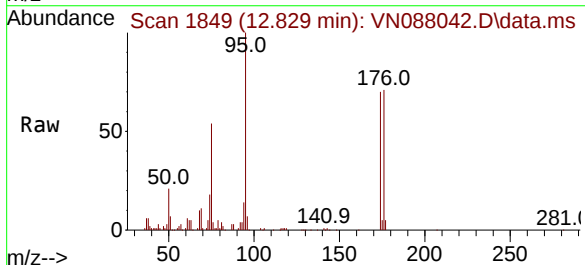
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

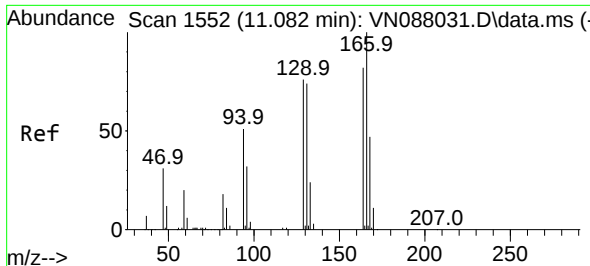
Tgt Ion: 43 Resp: 34775
Ion Ratio Lower Upper
43 100
58 53.7 43.1 64.7
57 19.2 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 28.782 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 95 Resp: 150864
Ion Ratio Lower Upper
95 100
174 71.9 57.4 86.0
176 68.9 57.0 85.4

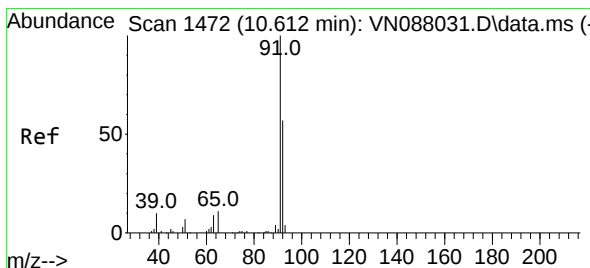
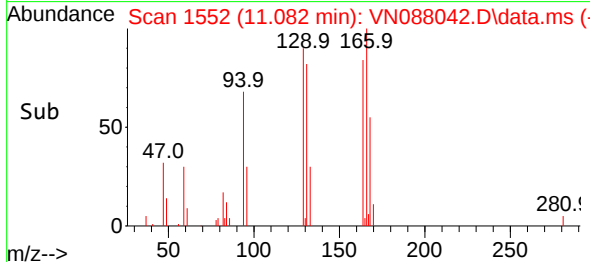
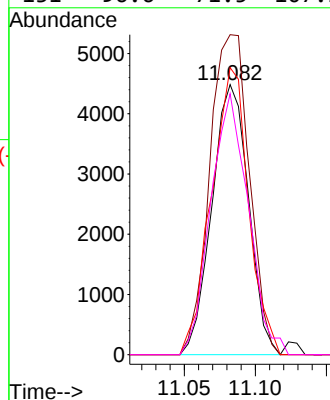
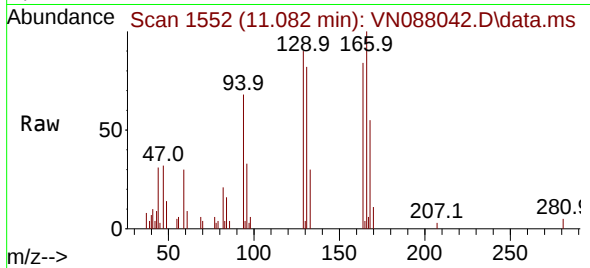




#61
Tetrachloroethene
Concen: 2.495 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

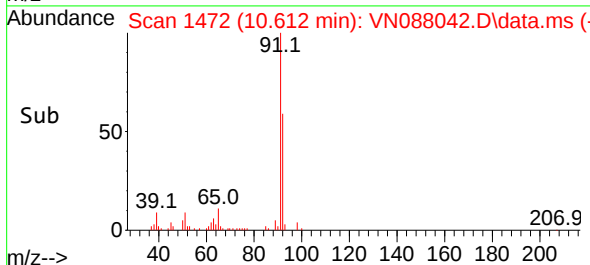
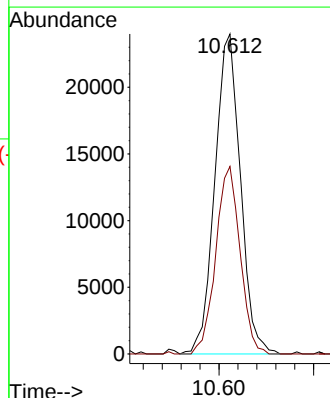
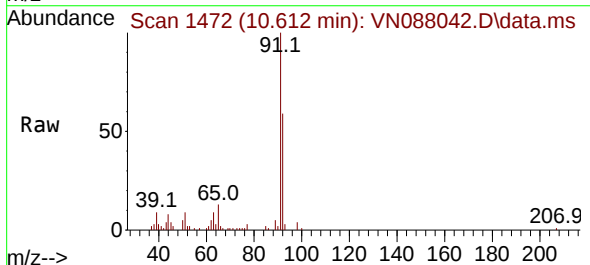
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

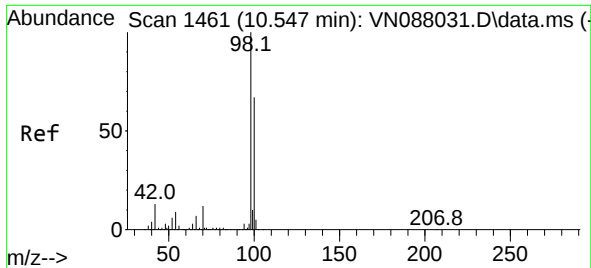
Tgt Ion:164	Resp:	8032
Ion	Ratio	Lower Upper
164	100	
166	118.5	97.2 145.8
129	106.3	73.7 110.5
131	96.6	71.5 107.3



#62
Toluene
Concen: 2.497 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 91	Resp:	45039
Ion	Ratio	Lower Upper
91	100	
92	55.8	45.8 68.8

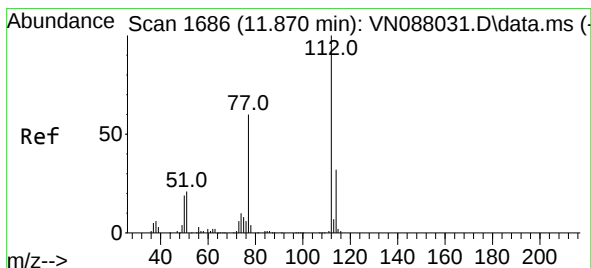
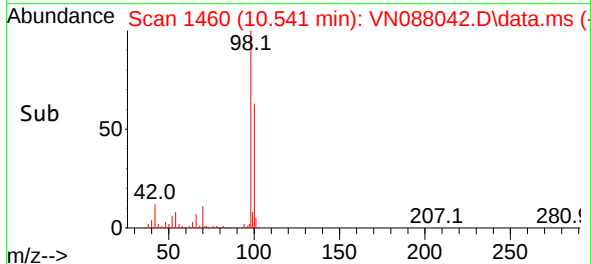
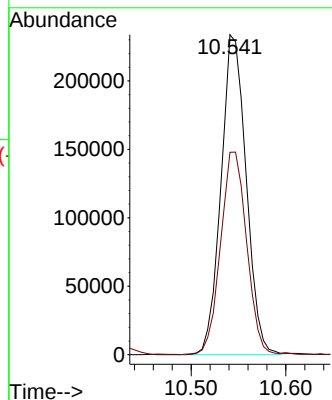
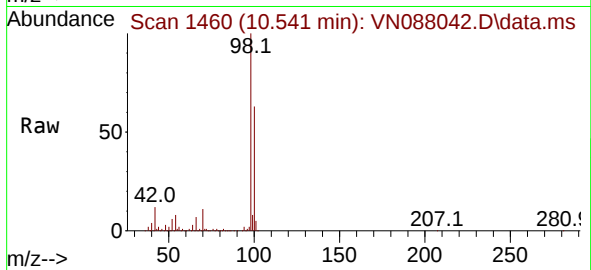




#63
Toluene-d8
Concen: 30.488 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

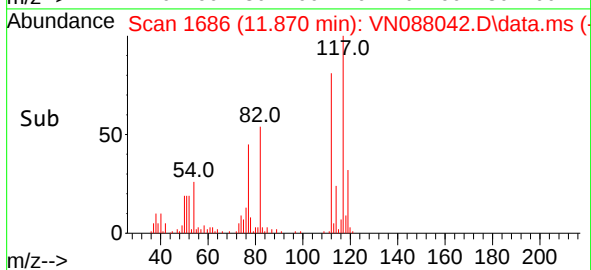
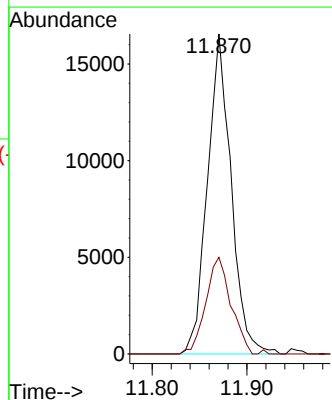
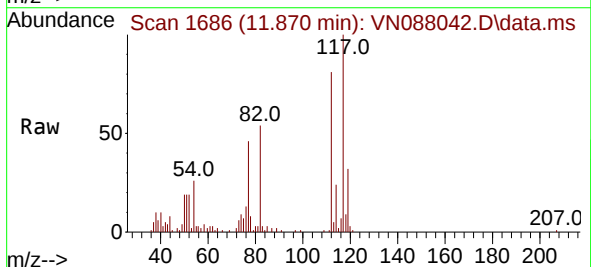
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

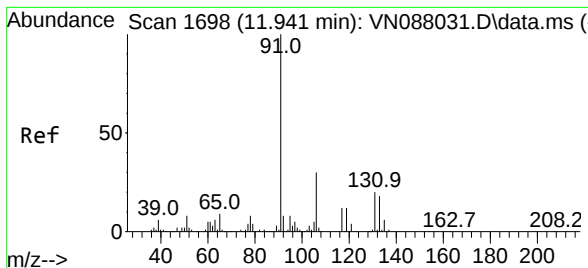
Tgt Ion: 98 Resp: 431885
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#64
Chlorobenzene
Concen: 2.496 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 112 Resp: 28754
Ion Ratio Lower Upper
112 100
114 30.2 25.7 38.5

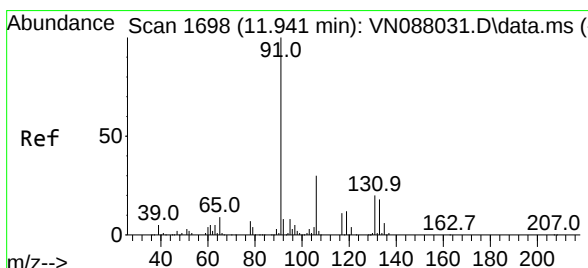
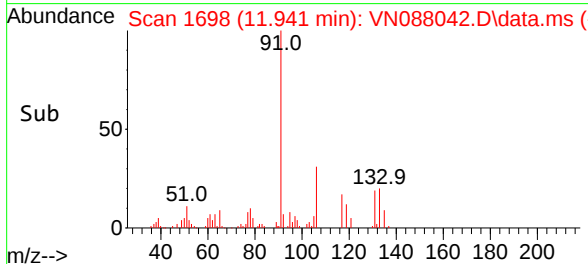
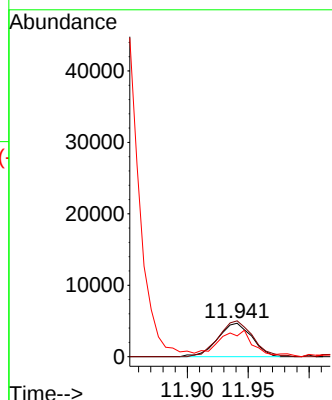
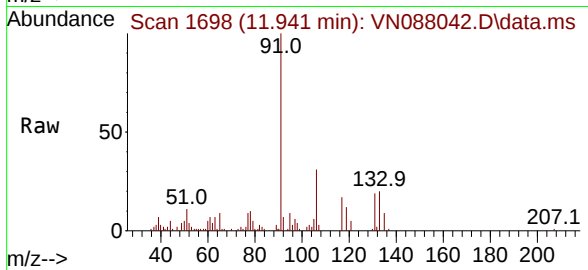




#65
 1,1,1,2-Tetrachloroethane
 Concen: 2.301 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN088042.D
 Acq: 08 Oct 2025 15:41

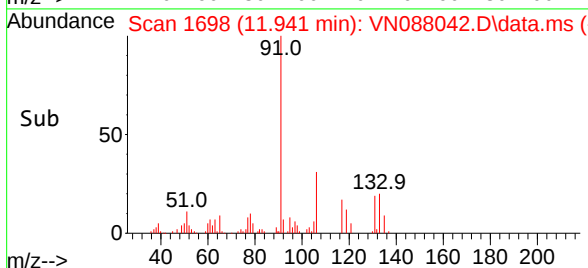
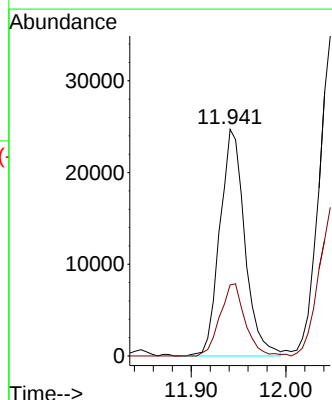
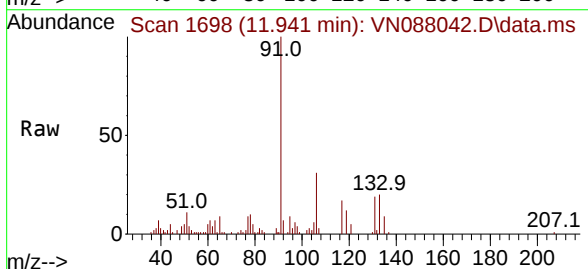
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

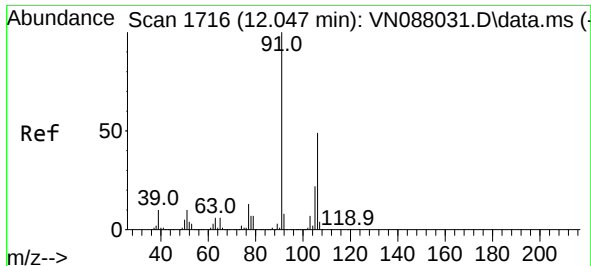
Tgt Ion:131 Resp: 9135
 Ion Ratio Lower Upper
 131 100
 133 107.7 0.0 183.8
 119 28.5 0.0 132.0



#66
 Ethyl Benzene
 Concen: 2.310 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN088042.D
 Acq: 08 Oct 2025 15:41

Tgt Ion: 91 Resp: 45303
 Ion Ratio Lower Upper
 91 100
 106 31.3 24.0 36.0





#67

m/p-Xylenes

Concen: 4.742 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN088042.D

Acq: 08 Oct 2025 15:41

Instrument :

MSVOA_N

ClientSampleId :

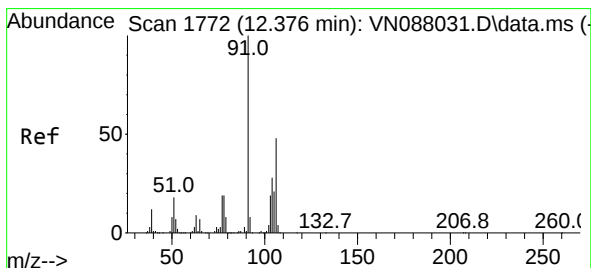
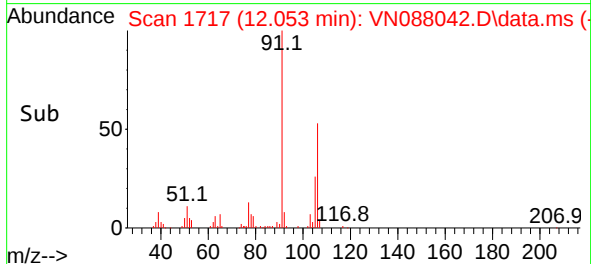
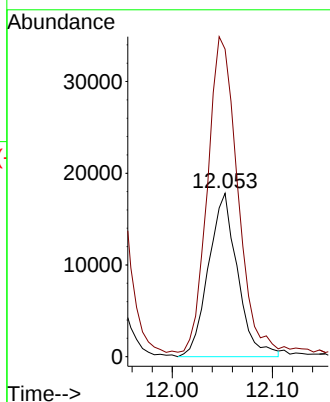
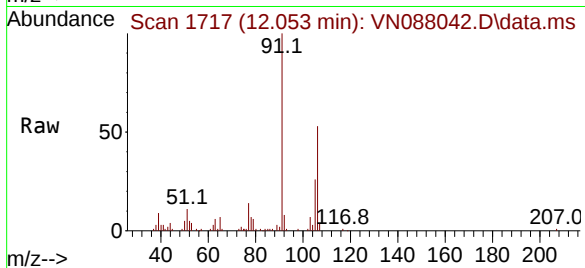
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:106 Resp: 35847

Ion Ratio Lower Upper

106 100

91 197.7 161.4 242.0



#68

o-Xylene

Concen: 2.453 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VN088042.D

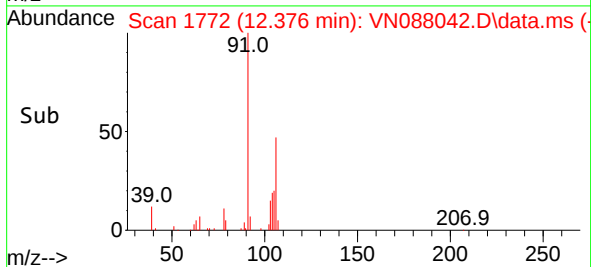
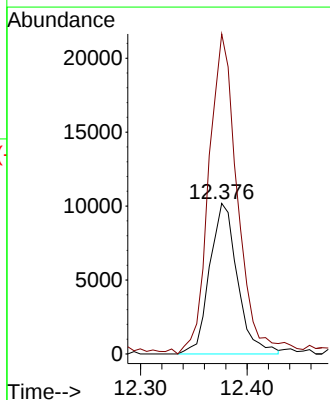
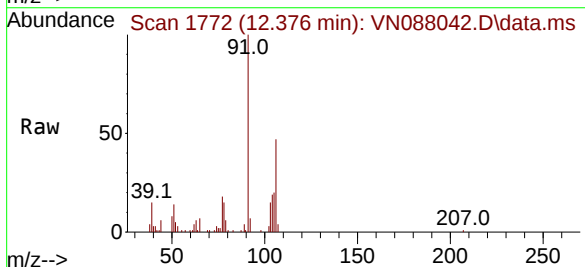
Acq: 08 Oct 2025 15:41

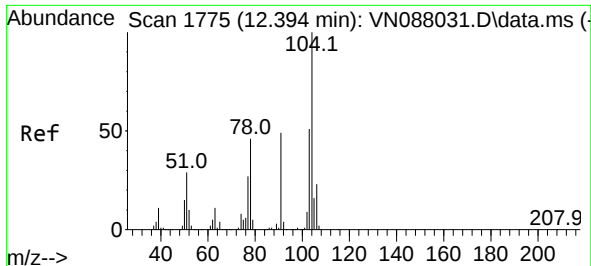
Tgt Ion:106 Resp: 18464

Ion Ratio Lower Upper

106 100

91 216.3 105.2 315.6

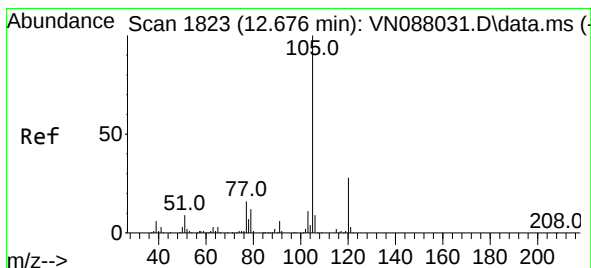
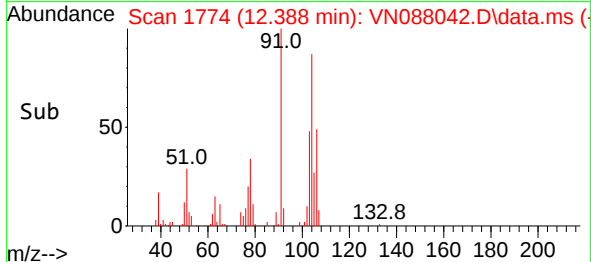
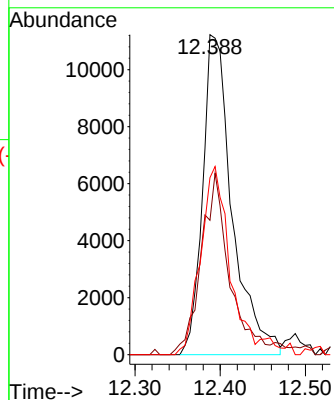
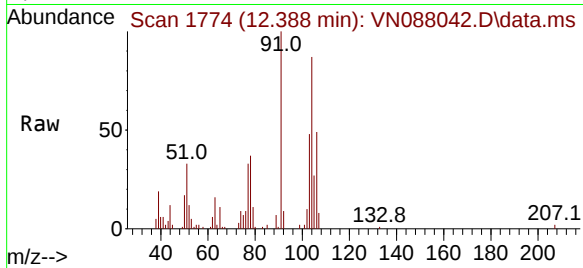




#69
Styrene
Concen: 2.177 ug/l
RT: 12.388 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

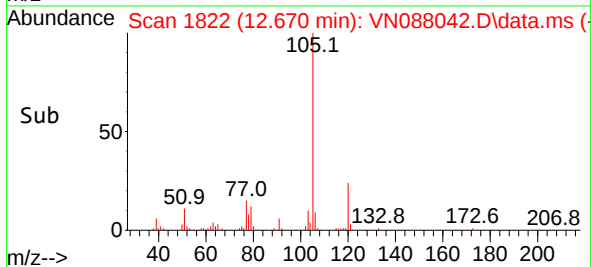
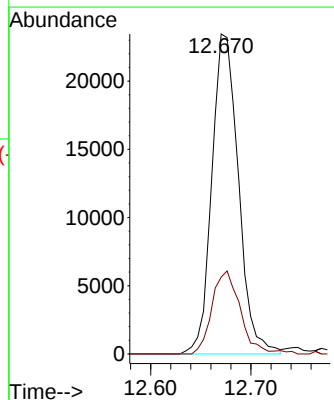
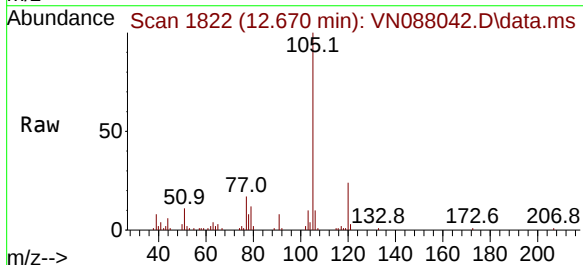
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

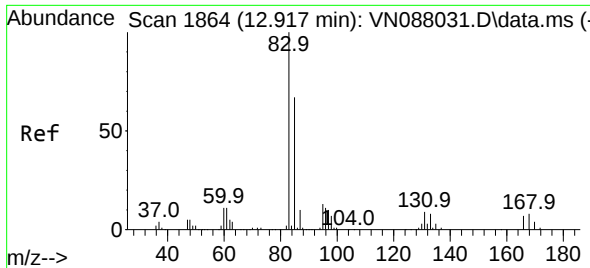
Tgt Ion:104 Resp: 27107
Ion Ratio Lower Upper
104 100
78 54.1 41.8 62.6
103 57.0 44.9 67.3



#70
Isopropylbenzene
Concen: 2.346 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion:105 Resp: 43280
Ion Ratio Lower Upper
105 100
120 27.1 19.1 35.5

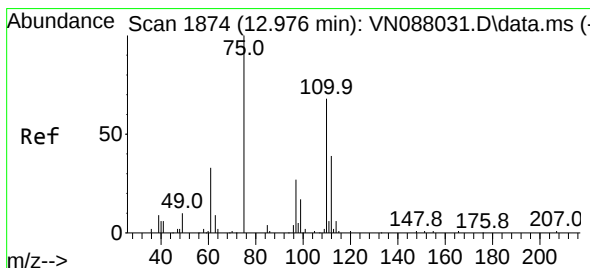
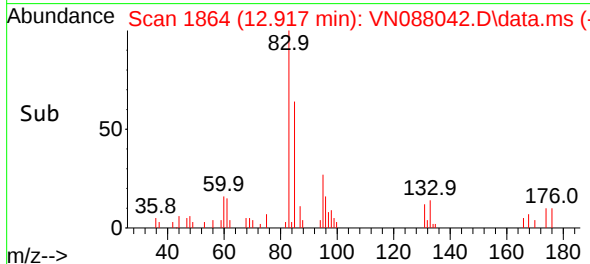
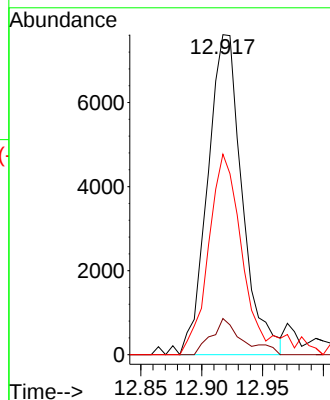
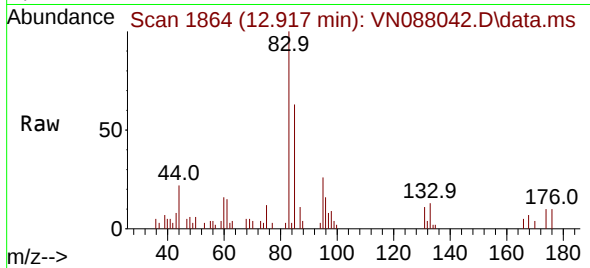




#71
1,1,2,2-Tetrachloroethane
Concen: 2.401 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

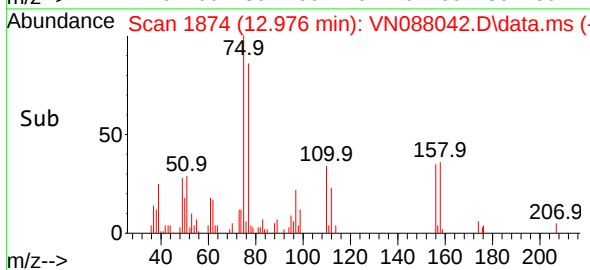
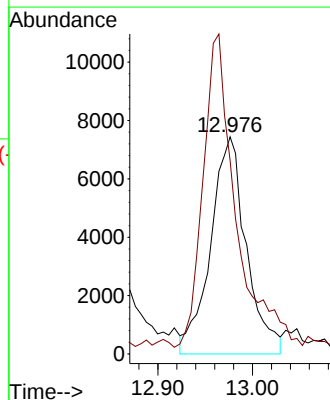
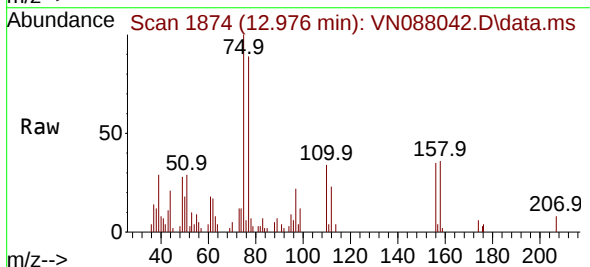
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

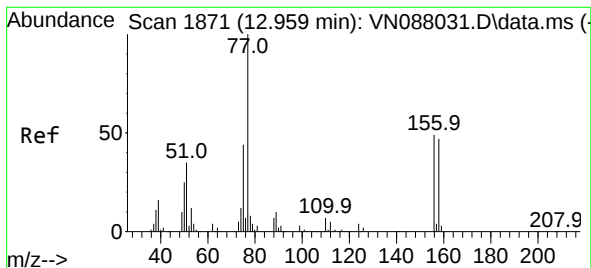
Tgt Ion: 83 Resp: 15014
Ion Ratio Lower Upper
83 100
131 8.6 4.8 14.3
85 59.1 32.4 97.2



#72
1,2,3-Trichloropropane
Concen: 3.345 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 75 Resp: 19428
Ion Ratio Lower Upper
75 100
77 132.4 0.0 364.0





#73

Bromobenzene

Concen: 2.057 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088042.D

Acq: 08 Oct 2025 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

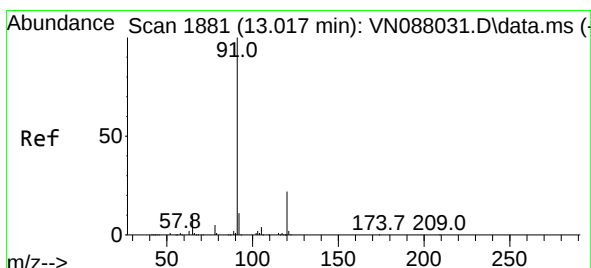
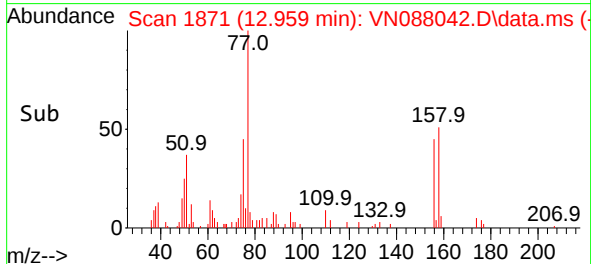
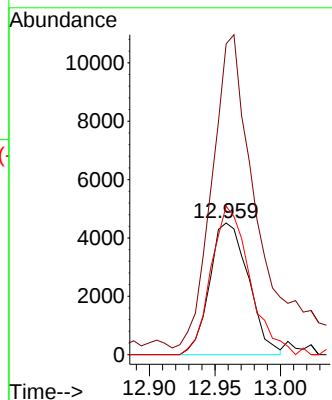
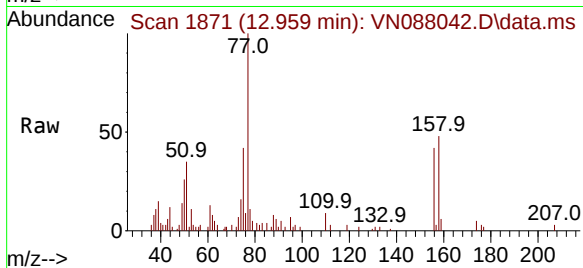
Tgt Ion:156 Resp: 9274

Ion Ratio Lower Upper

156 100

77 277.3 0.0 439.8

158 112.6 0.0 190.0



#74

n-propylbenzene

Concen: 2.214 ug/l

RT: 13.017 min Scan# 1881

Delta R.T. -0.000 min

Lab File: VN088042.D

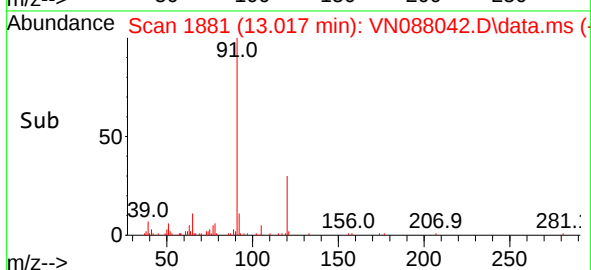
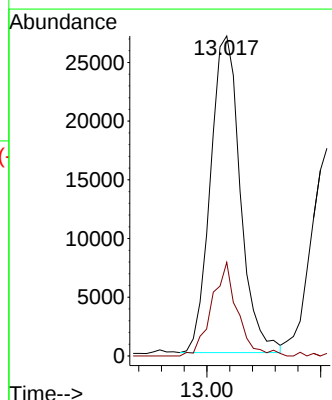
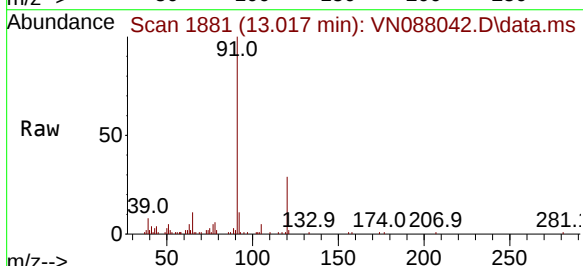
Acq: 08 Oct 2025 15:41

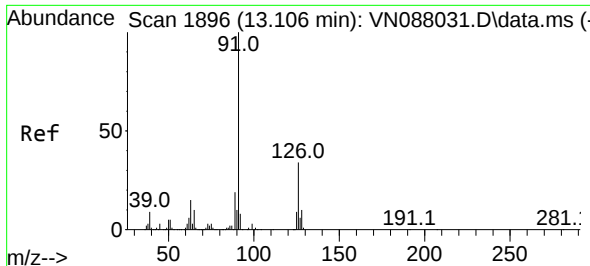
Tgt Ion: 91 Resp: 49294

Ion Ratio Lower Upper

91 100

120 25.0 0.0 46.2

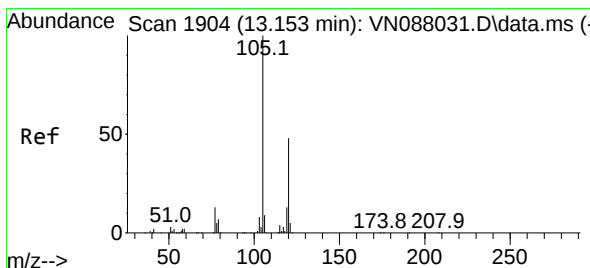
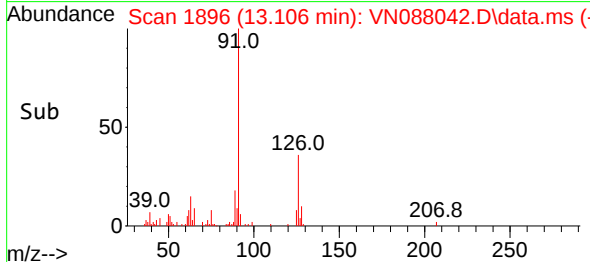
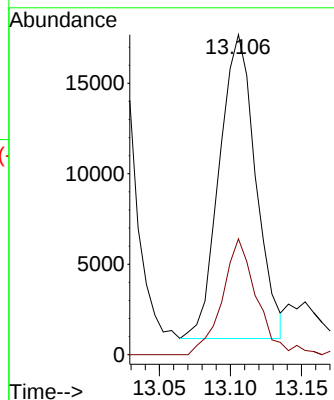
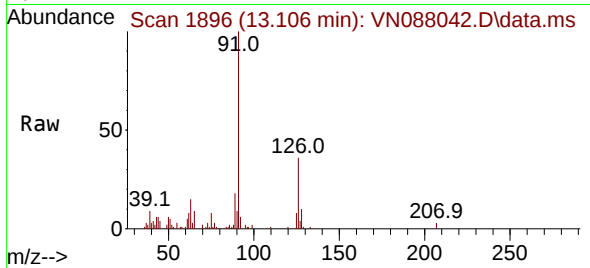




#75
2-Chlorotoluene
Concen: 2.201 ug/l
RT: 13.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

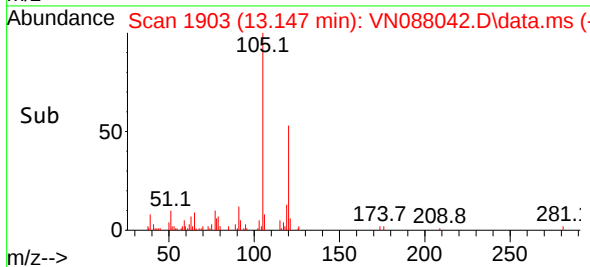
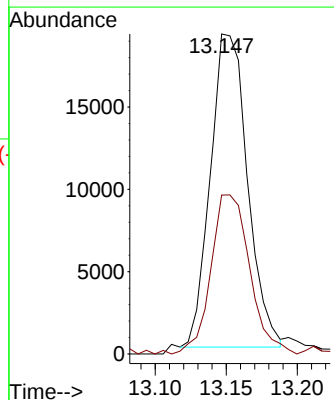
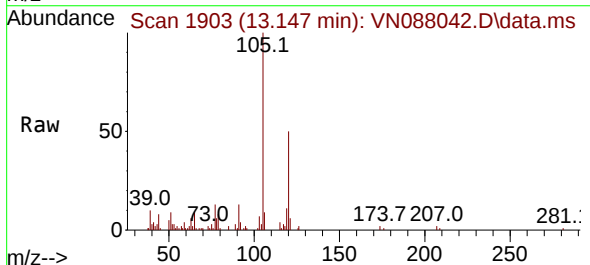
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

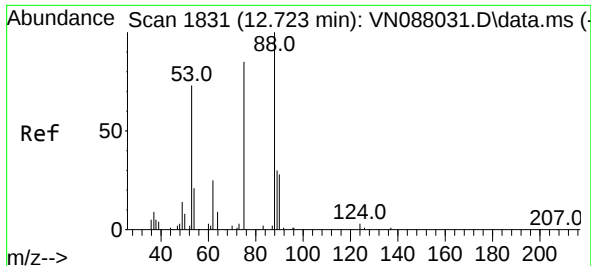
Tgt Ion: 91 Resp: 29966
Ion Ratio Lower Upper
91 100
126 35.2 0.0 66.6



#76
1,3,5-Trimethylbenzene
Concen: 2.206 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 105 Resp: 34564
Ion Ratio Lower Upper
105 100
120 53.1 0.0 100.6

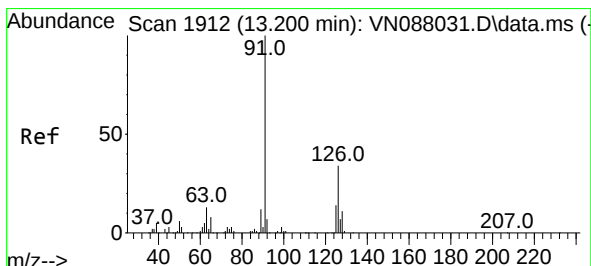
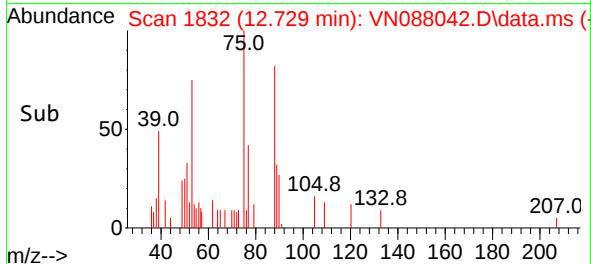
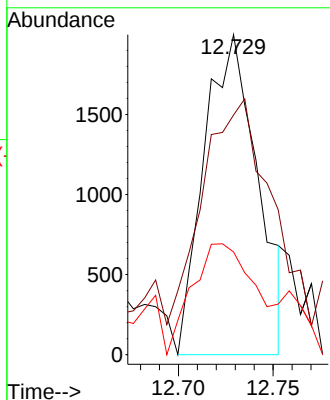
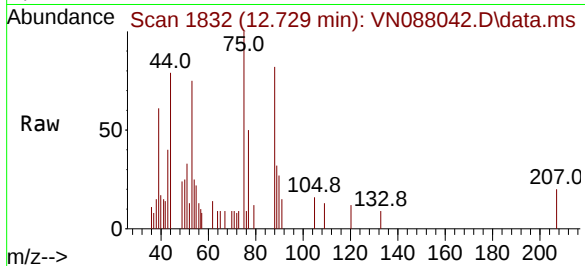




#77
t-1,4-Dichloro-2-butene
Concen: 1.690 ug/l
RT: 12.729 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

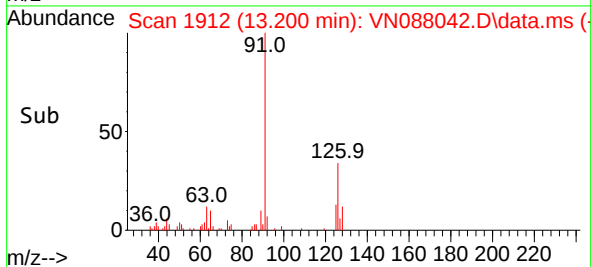
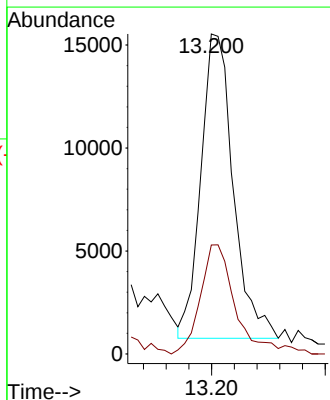
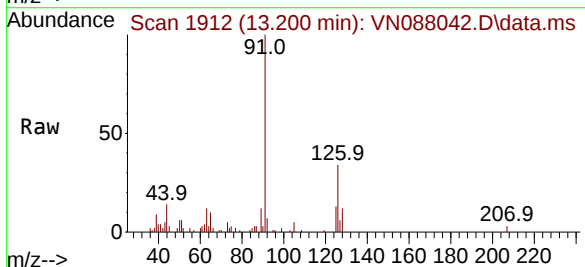
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

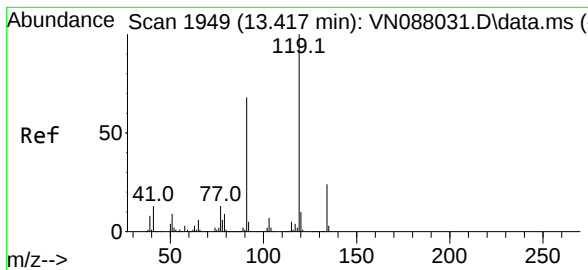
Tgt Ion: 75 Resp: 3911
Ion Ratio Lower Upper
75 100
53 54.9 41.8 125.3
89 21.3 19.9 59.6



#78
4-Chlorotoluene
Concen: 2.115 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 91 Resp: 29255
Ion Ratio Lower Upper
91 100
126 36.9 0.0 68.8

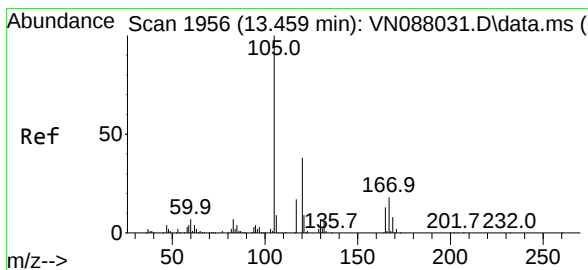
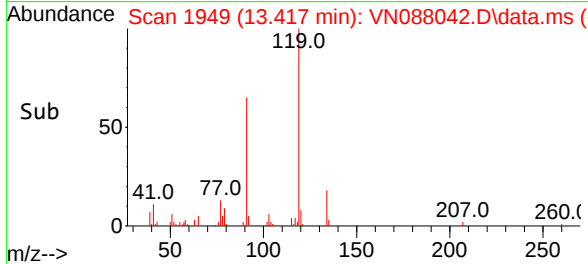
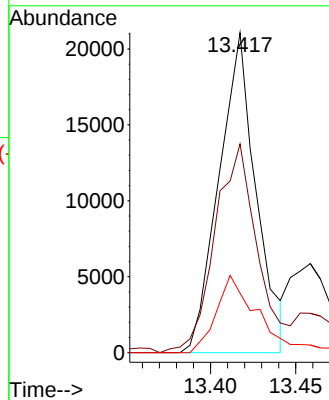
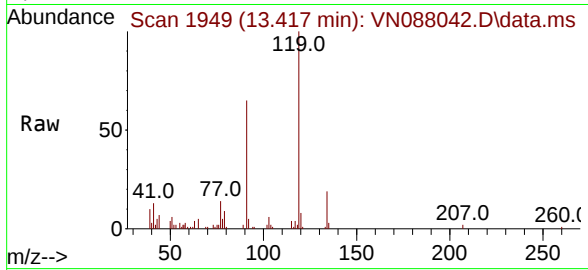




#79
tert-butylbenzene
Concen: 2.350 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

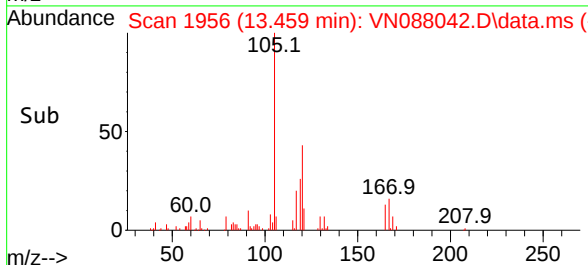
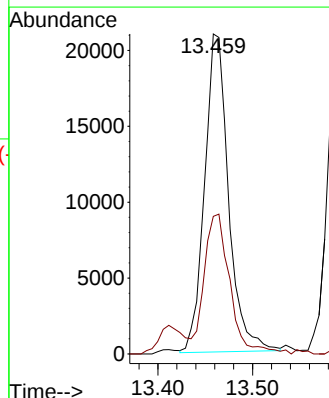
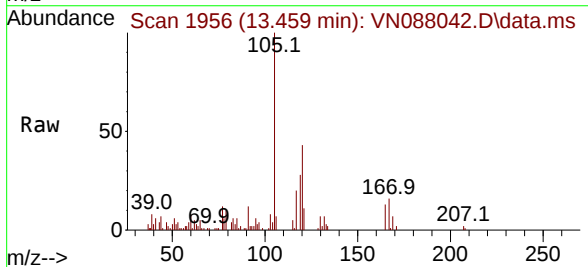
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

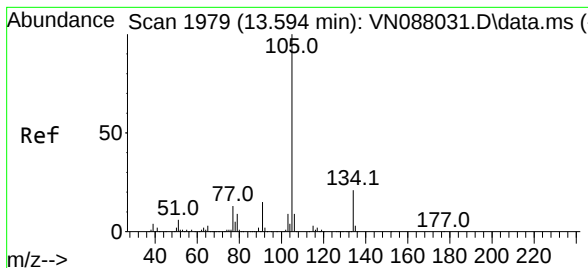
Tgt Ion:119	Resp:	31919
Ion	Ratio	Lower Upper
119	100	
91	74.8	0.0 132.4
134	25.5	0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 2.353 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion:105	Resp:	36911
Ion	Ratio	Lower Upper
105	100	
120	41.6	0.0 93.8

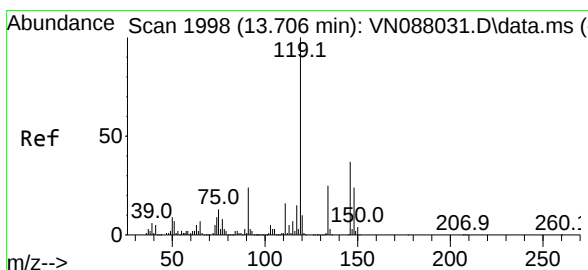
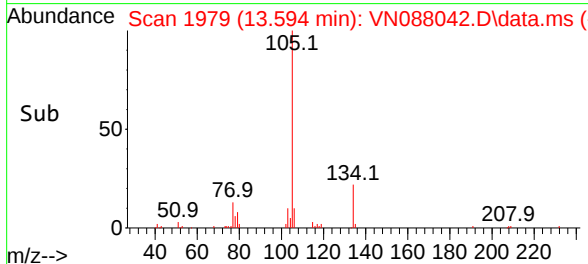
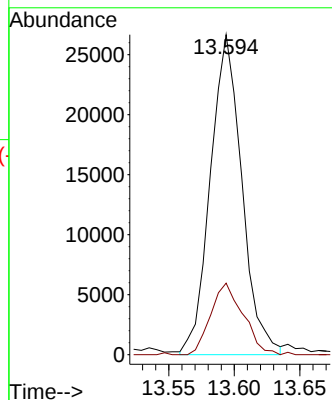
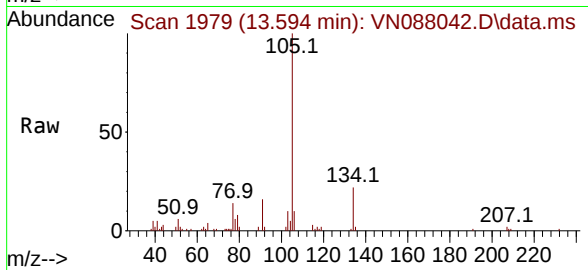




#81
 sec-Butylbenzene
 Concen: 2.335 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088042.D
 Acq: 08 Oct 2025 15:41

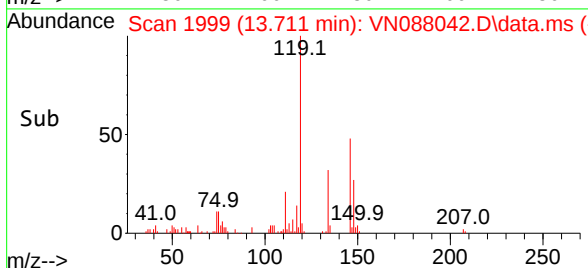
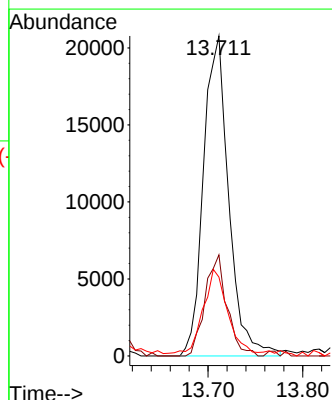
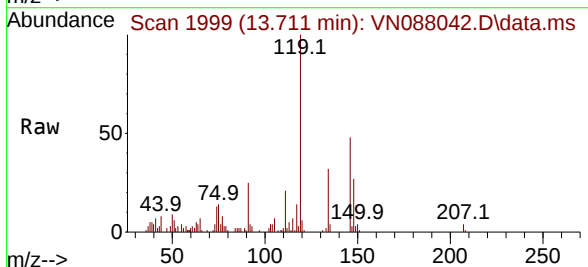
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

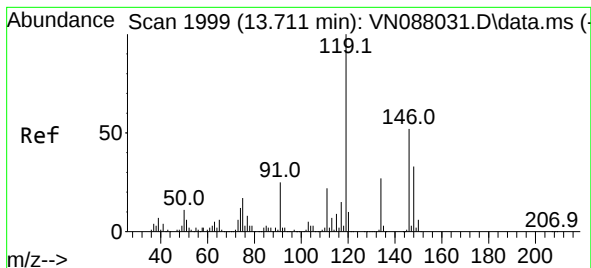
Tgt Ion:105 Resp: 44597
 Ion Ratio Lower Upper
 105 100
 134 22.9 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 2.364 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN088042.D
 Acq: 08 Oct 2025 15:41

Tgt Ion:119 Resp: 38542
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 52.6
 91 25.6 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 2.325 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088042.D

Acq: 08 Oct 2025 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

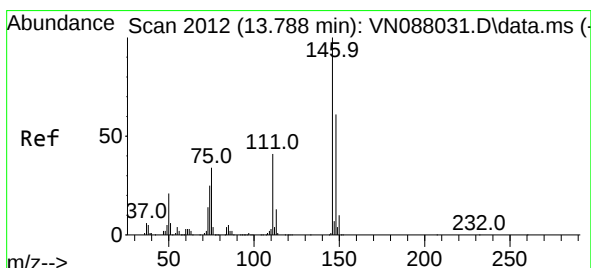
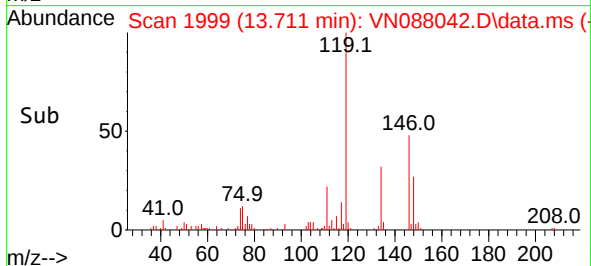
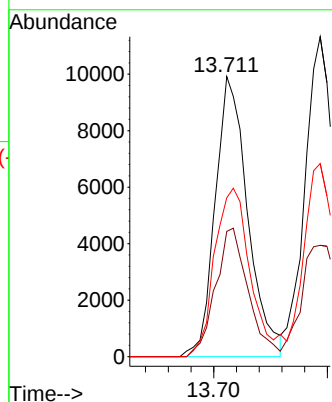
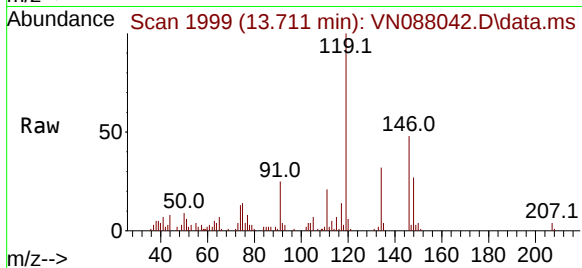
Tgt Ion:146 Resp: 19723

Ion Ratio Lower Upper

146 100

111 46.0 21.1 63.1

148 64.5 31.5 94.5



#84

1,4-Dichlorobenzene

Concen: 2.237 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN088042.D

Acq: 08 Oct 2025 15:41

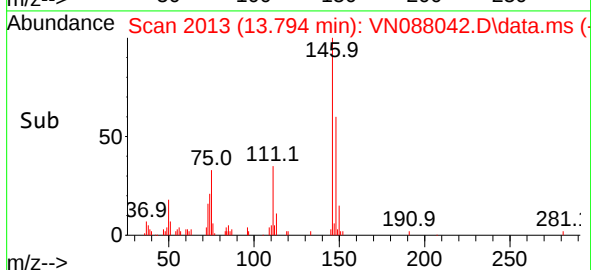
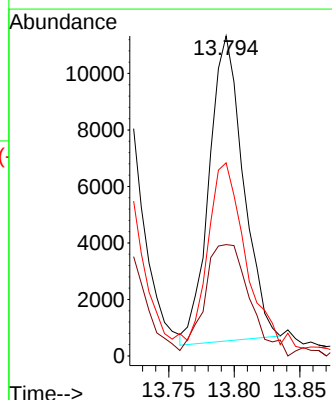
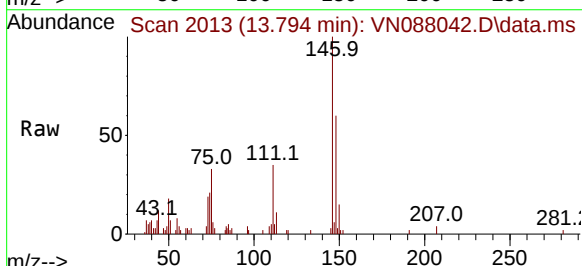
Tgt Ion:146 Resp: 19573

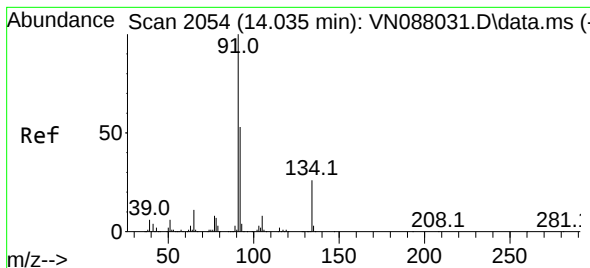
Ion Ratio Lower Upper

146 100

111 47.0 20.5 61.6

148 71.5 31.9 95.9

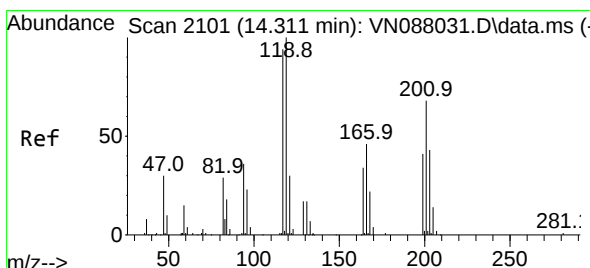
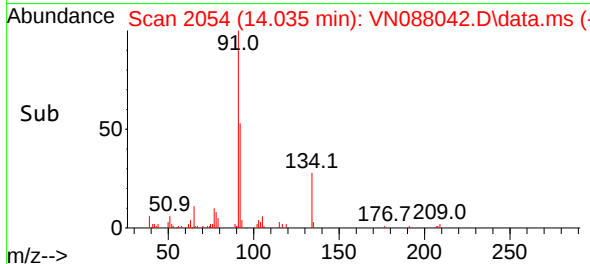
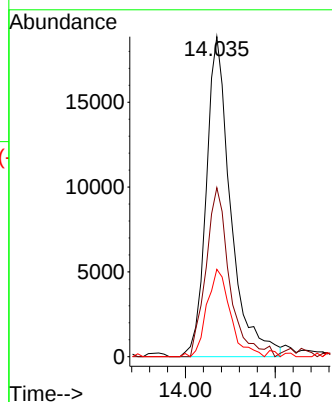
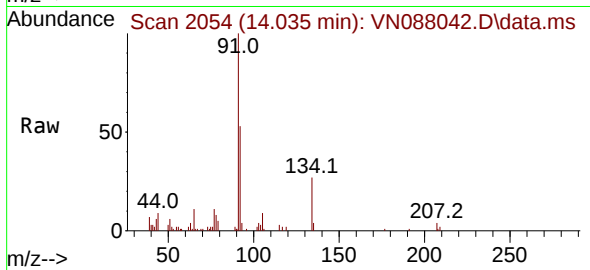




#85
n-Butylbenzene
Concen: 2.347 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

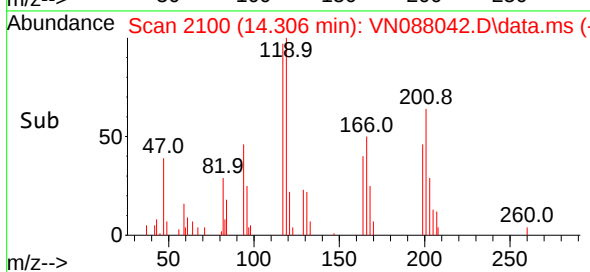
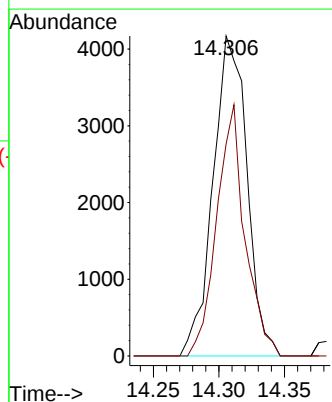
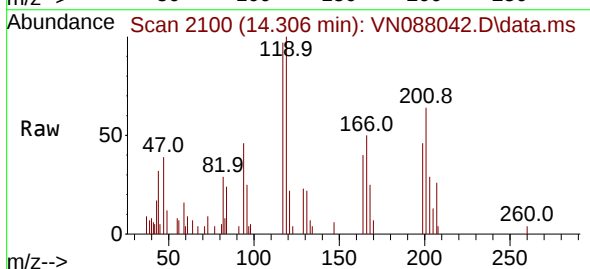
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

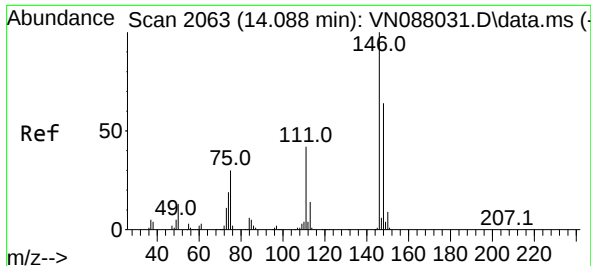
Tgt Ion:	91	Resp:	35597
Ion	Ratio	Lower	Upper
91	100		
92	50.5	0.0	107.6
134	26.0	0.0	52.6



#86
Hexachloroethane
Concen: 2.300 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion:	117	Resp:	7511
Ion	Ratio	Lower	Upper
117	100		
201	65.5	34.8	104.3

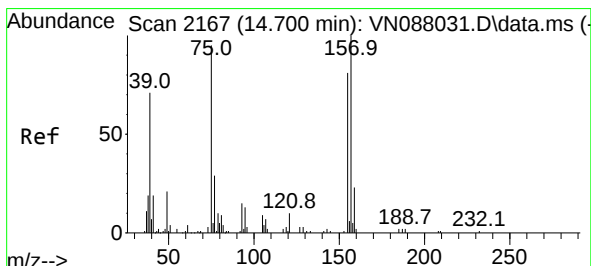
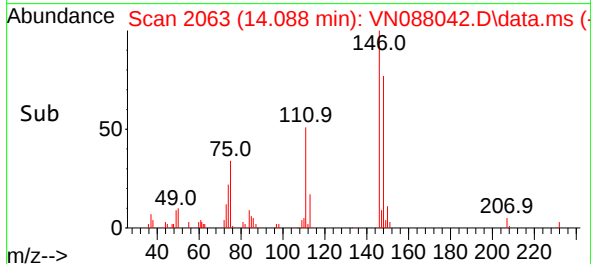
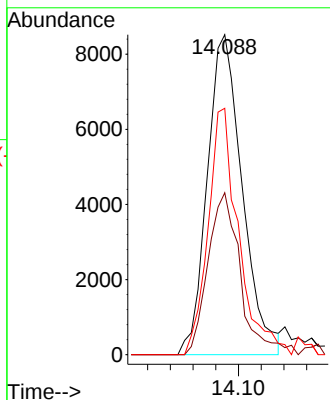
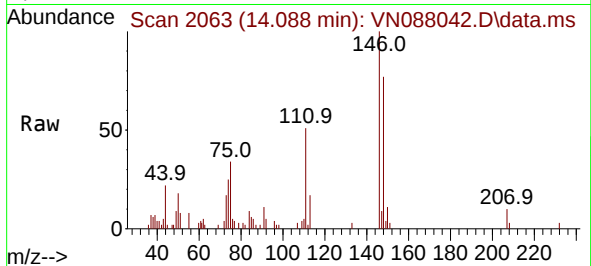




#87
1,2-Dichlorobenzene
Concen: 2.183 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

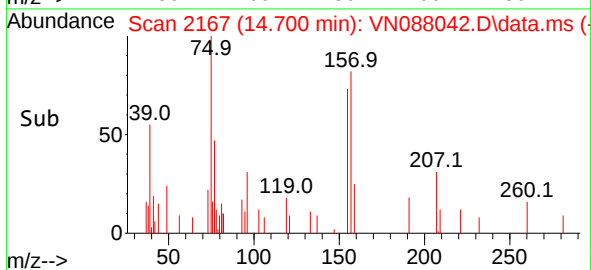
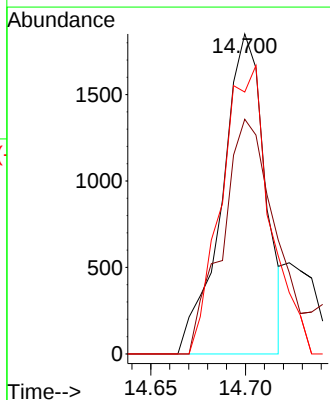
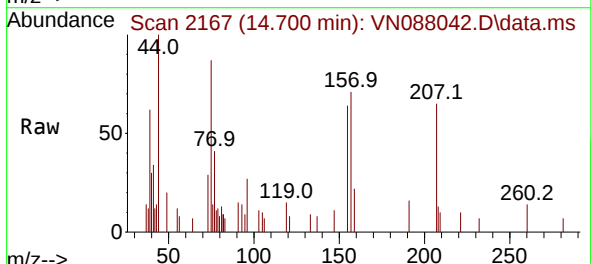
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

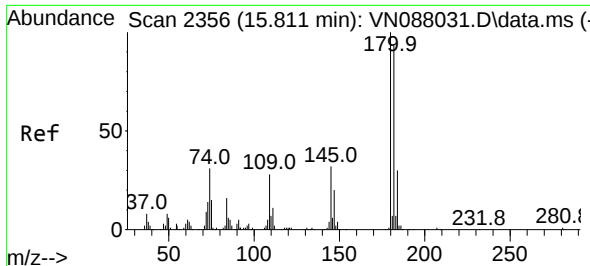
Tgt Ion:146	Resp:	18215
Ion	Ratio	Lower Upper
146	100	
111	47.2	22.3 66.8
148	67.0	31.4 94.3



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.046 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion: 75	Resp:	2939
Ion	Ratio	Lower Upper
75	100	
155	89.2	63.5 95.3
157	101.3	81.7 122.5

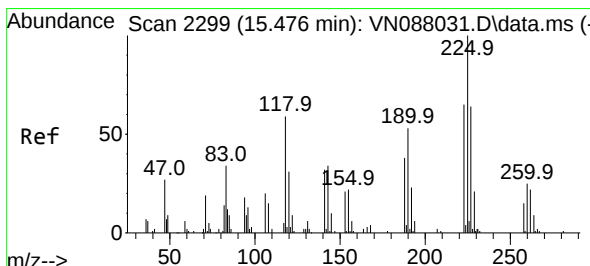
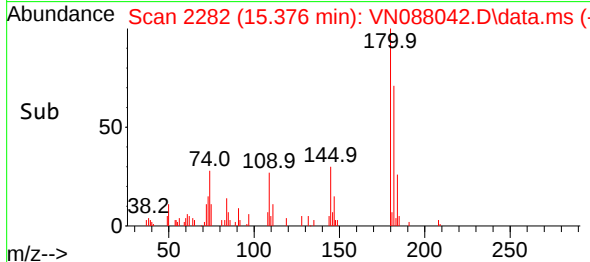
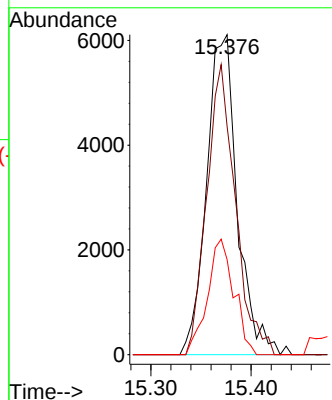
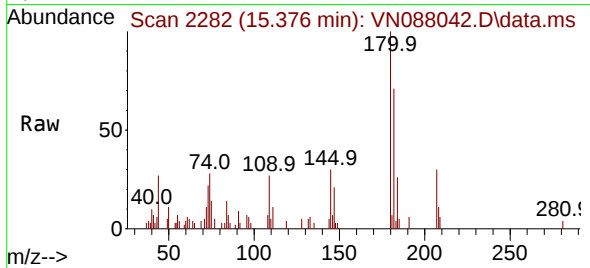




#89
1,2,4-Trichlorobenzene
Concen: 2.609 ug/l
RT: 15.376 min Scan# 21
Delta R.T. -0.435 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

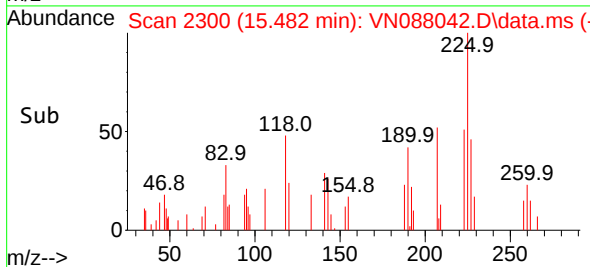
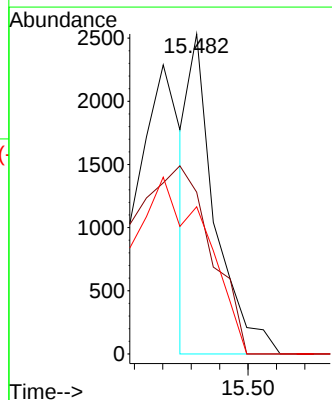
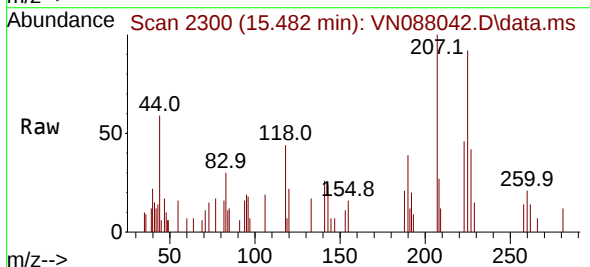
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

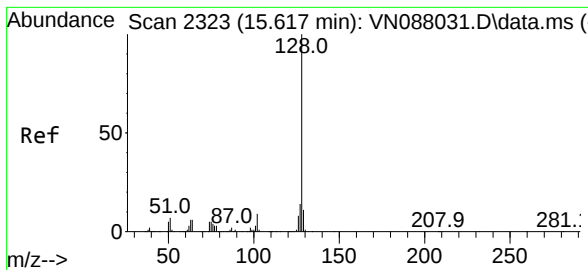
Tgt Ion:180 Resp: 12964
Ion Ratio Lower Upper
180 100
182 85.0 74.6 112.0
145 31.4 27.2 40.8



#90
Hexachlorobutadiene
Concen: 0.932 ug/l
RT: 15.482 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion:225 Resp: 1612
Ion Ratio Lower Upper
225 100
223 175.4 0.0 129.6#
227 0.0 0.0 132.2

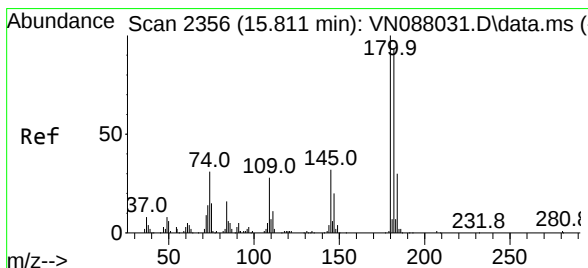
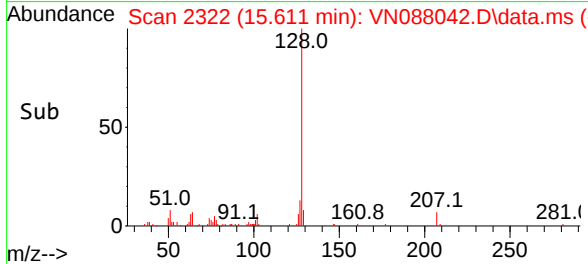
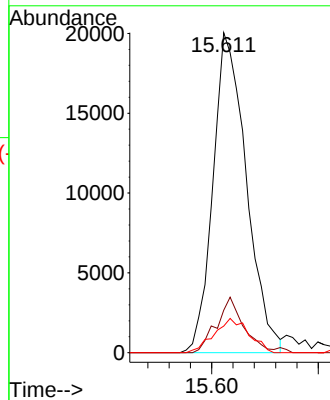
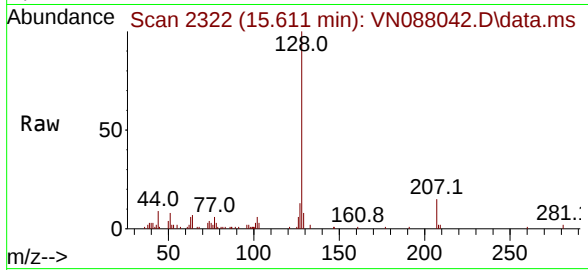




#91
Naphthalene
Concen: 2.396 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:128 Resp: 43592
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 11.1 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 2.329 ug/l
RT: 15.805 min Scan# 2355
Delta R.T. -0.006 min
Lab File: VN088042.D
Acq: 08 Oct 2025 15:41

Tgt Ion:180 Resp: 11575
Ion Ratio Lower Upper
180 100
182 90.0 0.0 186.6
145 16.6 0.0 68.0

