

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079780.D
 Acq On : 01 Nov 2023 18:42
 Operator : JC\MD
 Sample : 04699-07 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Nov 02 06:48:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 06:45:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	262344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	477574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	426374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	232970	58.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.580%	
35) Dibromofluoromethane	8.171	113	180755	53.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.960%	
50) Toluene-d8	10.571	98	644844	51.823	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.853	95	195546	47.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.760%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	2552	0.808	ug/l	100
3) Chloromethane	2.359	50	5646	1.286	ug/l #	83
4) Vinyl Chloride	2.512	62	3581	0.866	ug/l #	5
5) Bromomethane	2.959	94	3175	1.263	ug/l	91
6) Chloroethane	3.118	64	3191	0.976	ug/l	96
7) Trichlorofluoromethane	3.501	101	4241	0.824	ug/l #	75
8) Diethyl Ether	3.953	74	1496	0.766	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.389	101	2504	0.840	ug/l #	82
10) Methyl Iodide	4.589	142	2462	0.723	ug/l #	89
11) Tert butyl alcohol	5.512	59	2551	5.000	ug/l #	72
12) 1,1-Dichloroethene	4.348	96	2323	0.823	ug/l #	70
13) Acrolein	4.183	56	1506	3.608	ug/l	91
14) Allyl chloride	5.006	41	635	0.147	ug/l #	32
15) Acrylonitrile	5.718	53	6751	4.246	ug/l #	89
16) Acetone	4.436	43	6637	4.727	ug/l	94
17) Carbon Disulfide	4.718	76	7520	0.923	ug/l #	75
18) Methyl Acetate	5.030	43	5663	0.843	ug/l #	63
19) Methyl tert-butyl Ether	5.800	73	7689	0.791	ug/l #	91
20) Methylene Chloride	5.277	84	3418	0.965	ug/l #	94
21) trans-1,2-Dichloroethene	5.789	96	3032	0.963	ug/l #	74
22) Diisopropyl ether	6.683	45	7499	0.748	ug/l #	88
23) Vinyl Acetate	6.612	43	20602	3.726	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	5134	0.843	ug/l #	81
25) 2-Butanone	7.500	43	8415	4.093	ug/l #	69
26) 2,2-Dichloropropane	7.500	77	3940	0.782	ug/l #	75
27) cis-1,2-Dichloroethene	7.488	96	3168	0.841	ug/l	81
28) Bromochloromethane	7.818	49	2503	0.843	ug/l #	73
29) Tetrahydrofuran	7.853	42	5079	3.797	ug/l #	79
30) Chloroform	7.977	83	6907	1.044	ug/l	84
31) Cyclohexane	8.230	56	10748	2.035	ug/l #	44
32) 1,1,1-Trichloroethane	8.165	97	4264	0.791	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	4032	0.835	ug/l	95
37) Ethyl Acetate	7.565	43	3153	0.712	ug/l #	74
38) Carbon Tetrachloride	8.359	117	4315	0.887	ug/l #	81
39) Methylcyclohexane	9.606	83	3186	0.701	ug/l #	81
40) Benzene	8.606	78	11382	0.787	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	933	0.397	ug/l #	31
42) 1,2-Dichloroethane	8.671	62	4831	0.957	ug/l	86
43) Isopropyl Acetate	8.694	43	6163	0.794	ug/l #	90
44) Trichloroethene	9.359	130	2653	0.740	ug/l	94
45) 1,2-Dichloropropane	9.624	63	3332	0.902	ug/l	90
46) Dibromomethane	9.712	93	2228	0.883	ug/l	92
47) Bromodichloromethane	9.888	83	5062	0.941	ug/l	89
48) Methyl methacrylate	9.682	41	2597	0.764	ug/l #	71
49) 1,4-Dioxane	9.712	88	1052	17.511	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	15747	3.603	ug/l #	83
52) Toluene	10.635	92	7192	0.839	ug/l	92
53) t-1,3-Dichloropropene	10.847	75	4084	0.774	ug/l	90
54) cis-1,3-Dichloropropene	10.318	75	4005	0.697	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	3089	0.896	ug/l	95
56) Ethyl methacrylate	10.882	69	2714	0.552	ug/l #	53
57) 1,3-Dichloropropane	11.171	76	4638	0.763	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.165	63	7498	3.009	ug/l	96
59) 2-Hexanone	11.200	43	11288	3.377	ug/l	76
60) Dibromochloromethane	11.359	129	2805	0.760	ug/l	88
61) 1,2-Dibromoethane	11.471	107	2738	0.791	ug/l	99
64) Tetrachloroethene	11.100	164	2501	0.906	ug/l #	64
65) Chlorobenzene	11.894	112	7912	0.855	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	2789	0.837	ug/l #	60
67) Ethyl Benzene	11.965	91	11488	0.713	ug/l	93
68) m/p-Xylenes	12.071	106	8495	1.415	ug/l	99
69) o-Xylene	12.400	106	3810	0.659	ug/l	97
70) Styrene	12.412	104	5633	0.606	ug/l	91
71) Bromoform	12.576	173	1457	0.616	ug/l #	74
73) Isopropylbenzene	12.700	105	8567	0.672	ug/l	99
74) N-amyl acetate	12.500	43	3570	0.642	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.941	83	3929	0.869	ug/l #	90
76) 1,2,3-Trichloropropane	12.994	75	4470	1.134	ug/l	81
77) Bromobenzene	12.976	156	3019	0.967	ug/l	95
78) n-propylbenzene	13.041	91	11310	0.775	ug/l	97
79) 2-Chlorotoluene	13.123	91	7717	0.828	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	6936	0.699	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	109625	75.645	ug/l #	15
82) 4-Chlorotoluene	13.223	91	7535	0.813	ug/l	94
83) tert-Butylbenzene	13.441	119	5400	0.665	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	6502	0.666	ug/l	99
85) sec-Butylbenzene	13.617	105	7265	0.646	ug/l	95
86) p-Isopropyltoluene	13.729	119	5149	0.562	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	4158	0.716	ug/l	86
88) 1,4-Dichlorobenzene	13.817	146	4747	0.806	ug/l	77
89) n-Butylbenzene	14.059	91	5187	0.657	ug/l	98
90) Hexachloroethane	14.329	117	1375	0.757	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	4594	0.838	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	802	1.046	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	2075	0.796	ug/l	96
94) Hexachlorobutadiene	15.517	225	968	0.819	ug/l	79
95) Naphthalene	15.647	128	6307	0.714	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	1856	0.727	ug/l	98

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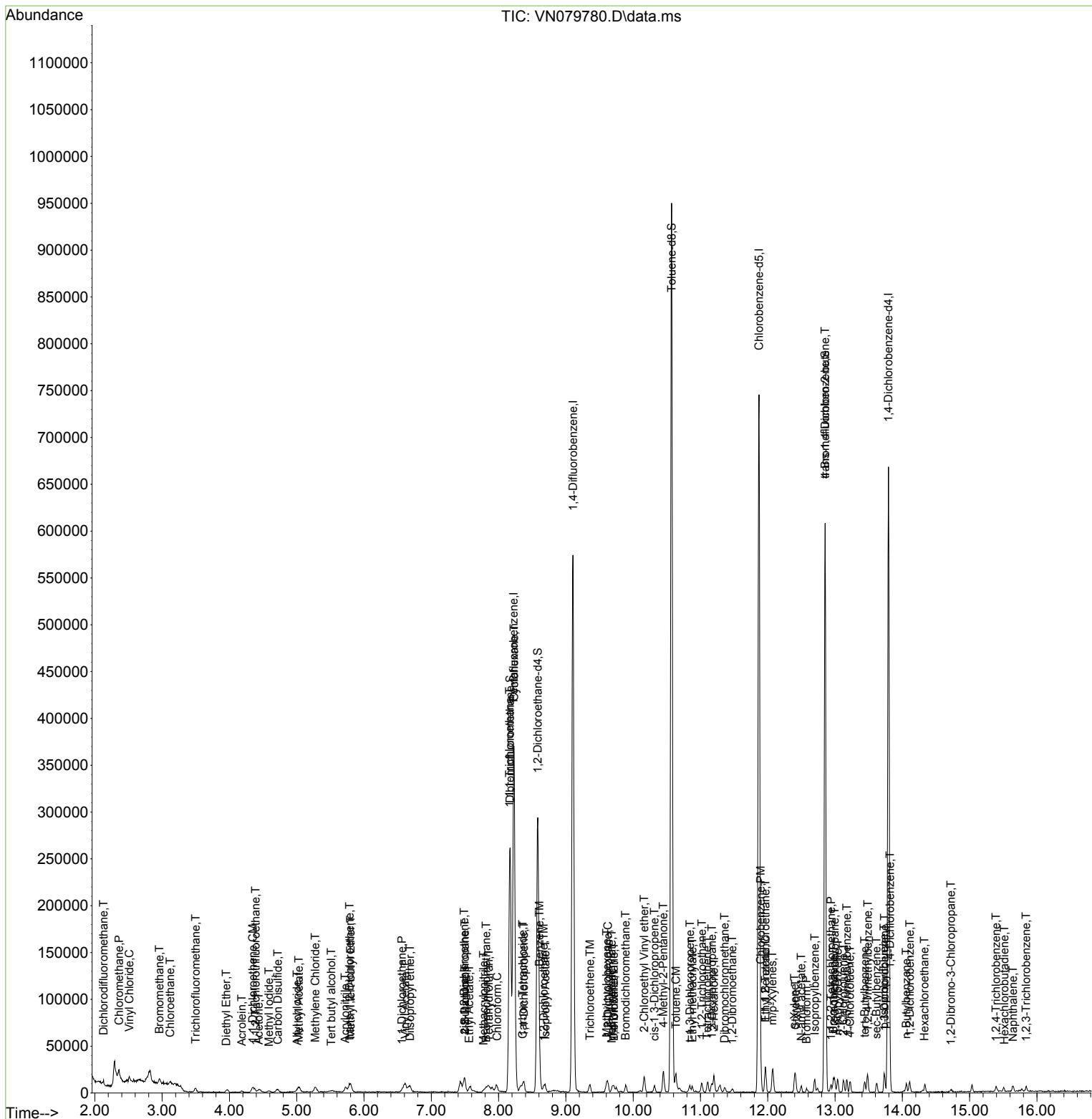
Instrument :
MSVOA_N
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LOD-MDL-WATER-01-QT4-2023

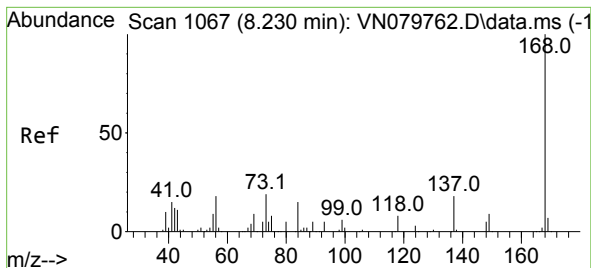
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

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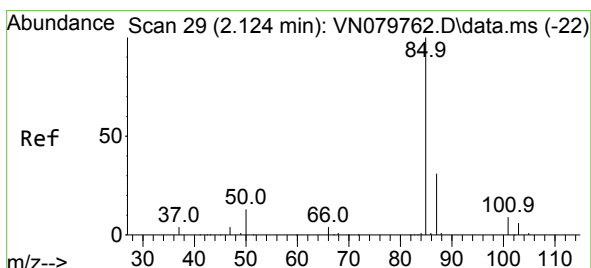
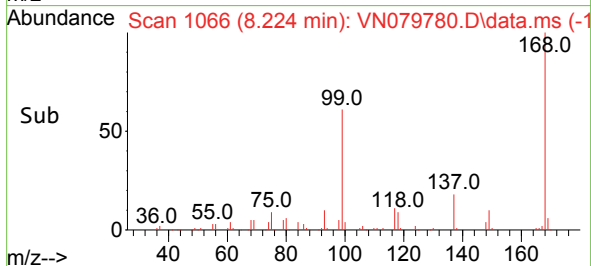
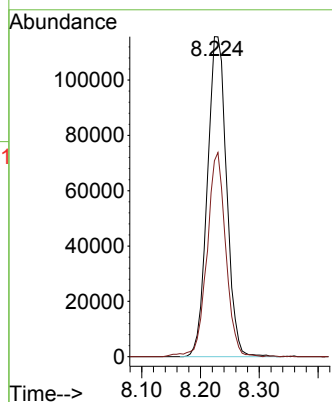
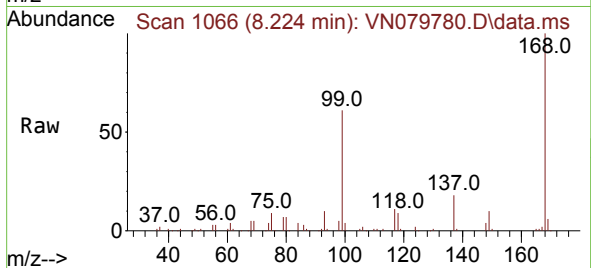
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:168 Resp: 262344

Ion Ratio Lower Upper

168 100

99 61.3 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.808 ug/l

RT: 2.130 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN079780.D

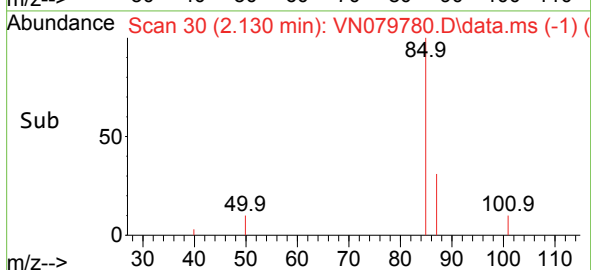
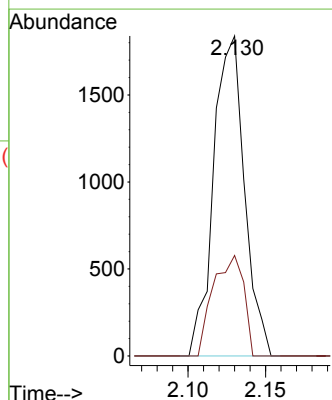
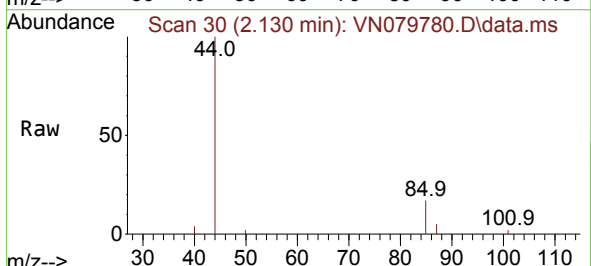
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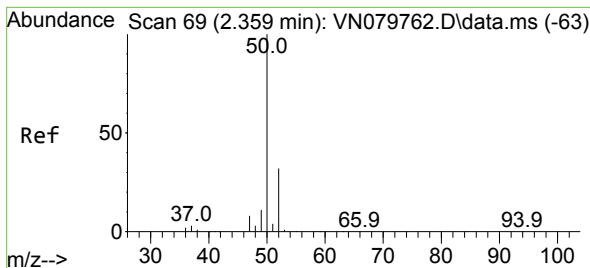
Tgt Ion: 85 Resp: 2552

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4





#3

Chloromethane

Concen: 1.286 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

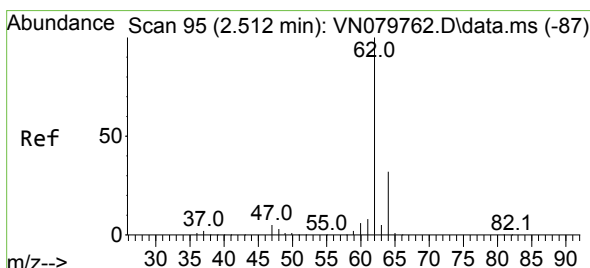
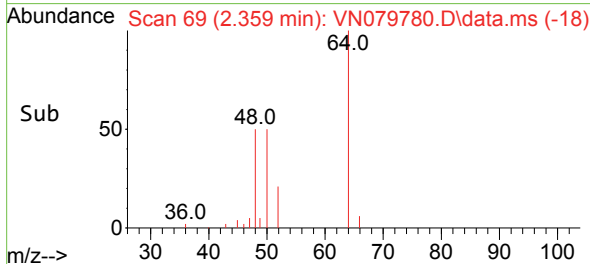
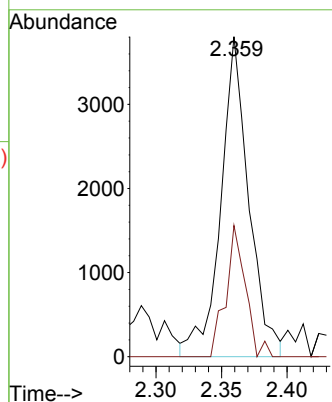
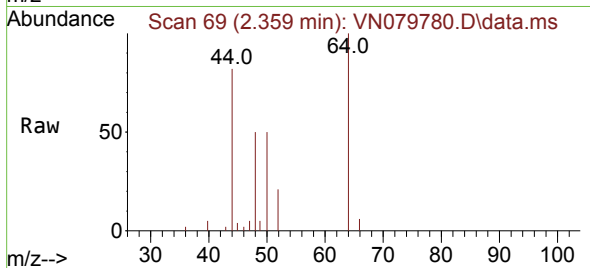
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 50 Resp: 5646

Ion Ratio Lower Upper

50 100

52 42.8 26.5 39.7#



#4

Vinyl Chloride

Concen: 0.866 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079780.D

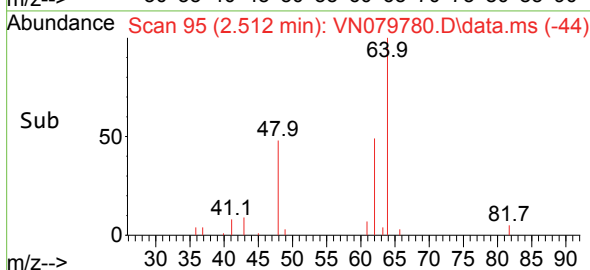
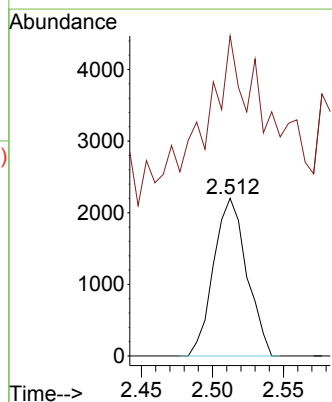
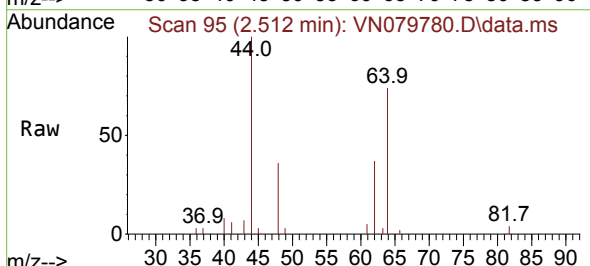
Acq: 01 Nov 2023 18:42

Tgt Ion: 62 Resp: 3581

Ion Ratio Lower Upper

62 100

64 86.3 26.2 39.2#

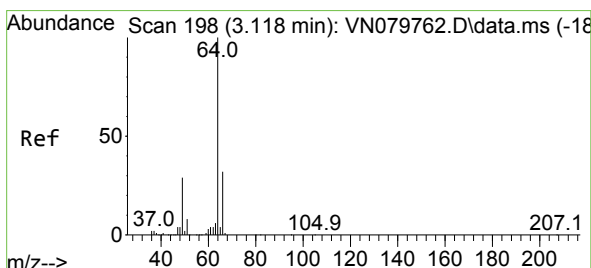
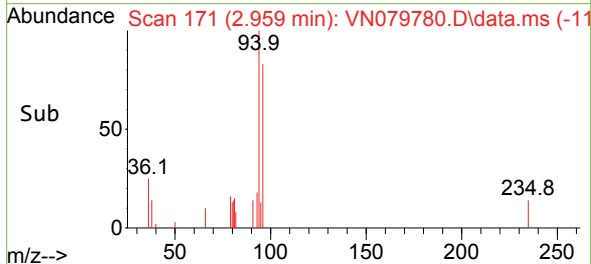
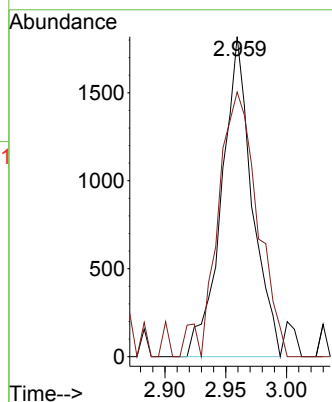
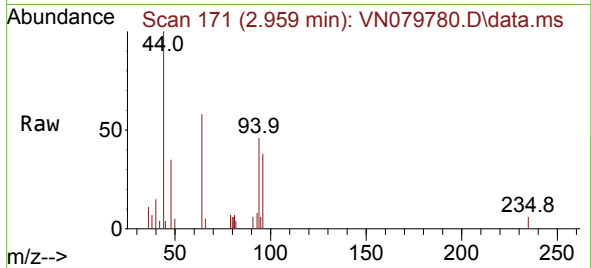




#5
Bromomethane
Concen: 1.263 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

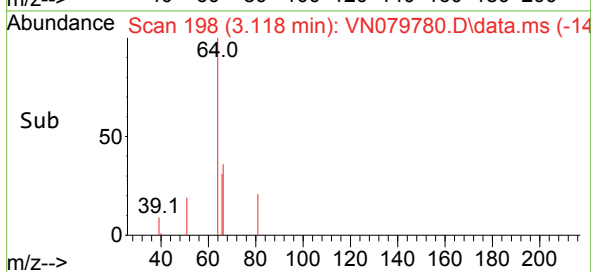
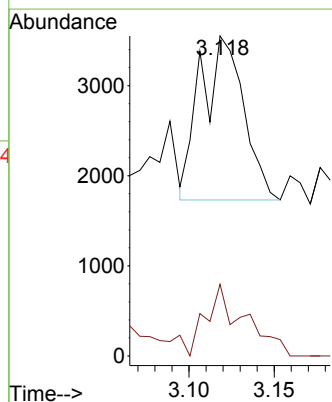
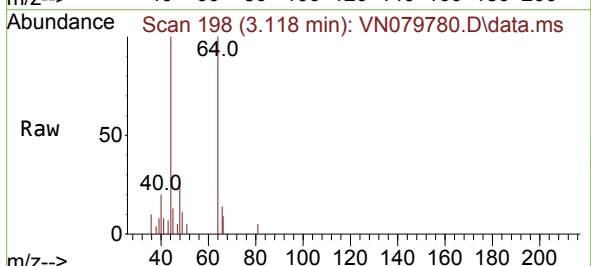
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Tgt Ion: 94 Resp: 3175
Ion Ratio Lower Upper
94 100
96 82.7 73.1 109.7



#6
Chloroethane
Concen: 0.976 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 64 Resp: 3191
Ion Ratio Lower Upper
64 100
66 33.8 25.4 38.2

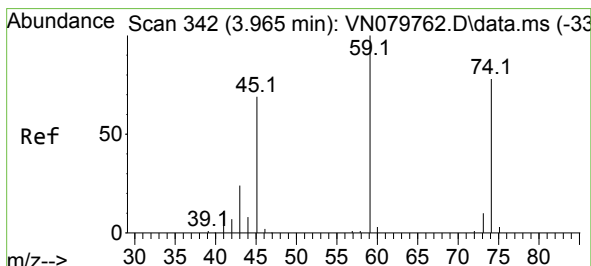
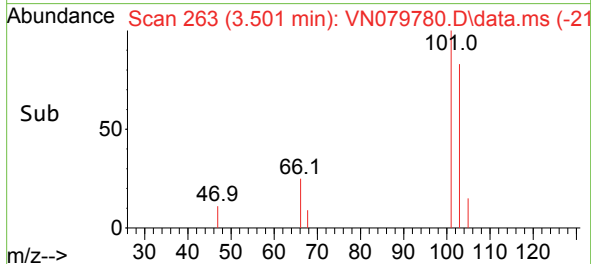
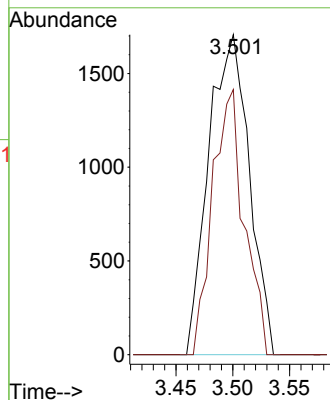
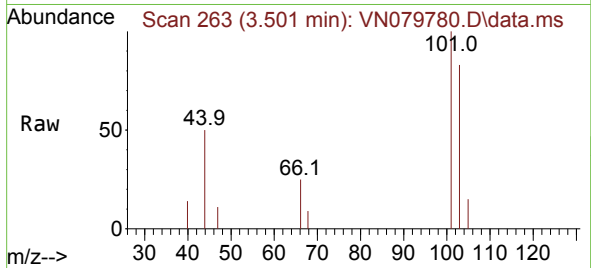




#7
 Trichlorofluoromethane
 Concen: 0.824 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN079780.D
 Acq: 01 Nov 2023 18:42

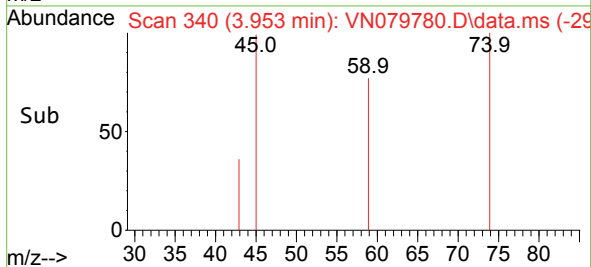
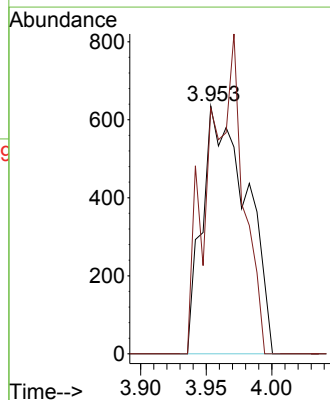
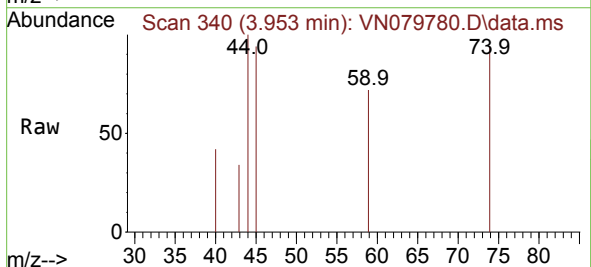
Instrument :
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 LOD-MDL-WATER-01-QT4-2023

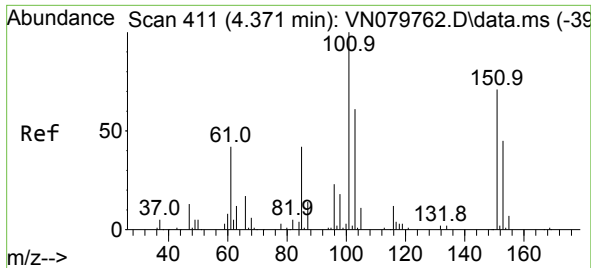
Tgt Ion:101 Resp: 4241
 Ion Ratio Lower Upper
 101 100
 103 82.8 50.7 76.1#



#8
 Diethyl Ether
 Concen: 0.766 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.012 min
 Lab File: VN079780.D
 Acq: 01 Nov 2023 18:42

Tgt Ion: 74 Resp: 1496
 Ion Ratio Lower Upper
 74 100
 45 98.9 34.4 103.3

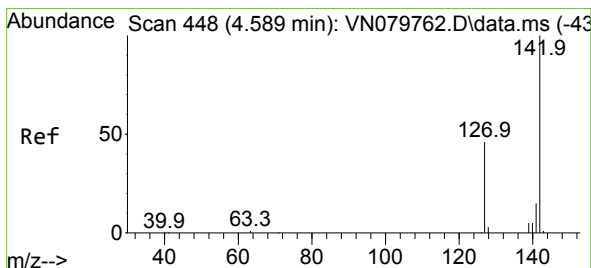
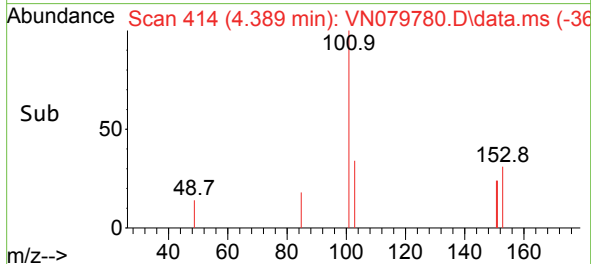
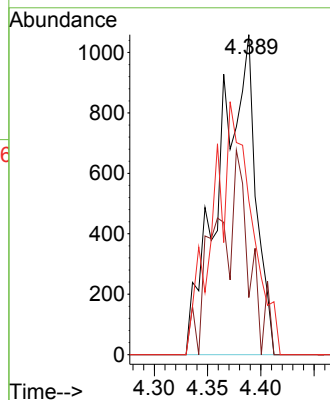
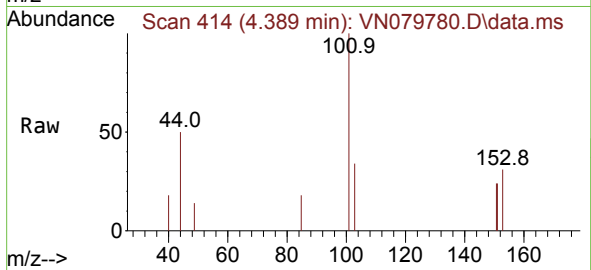




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.840 ug/l
RT: 4.389 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

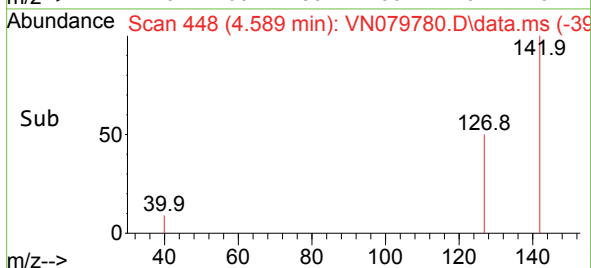
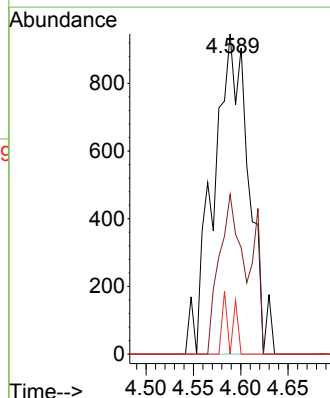
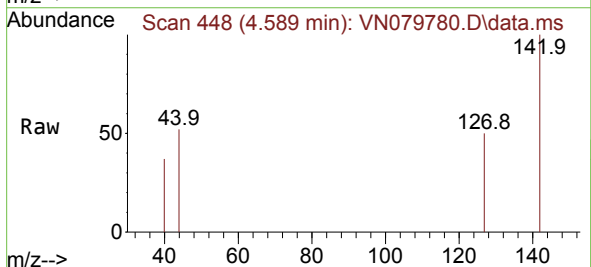
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:101 Resp: 2504
Ion Ratio Lower Upper
101 100
85 28.6 36.6 55.0#
151 82.9 57.6 86.4



#10
Methyl Iodide
Concen: 0.723 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion:142 Resp: 2462
Ion Ratio Lower Upper
142 100
127 49.9 37.6 56.4
141 0.0 11.4 17.0#

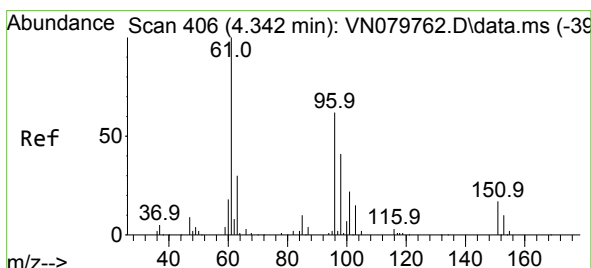
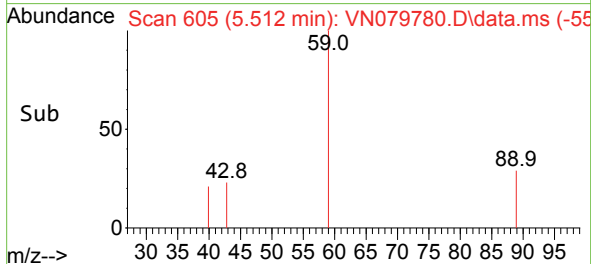
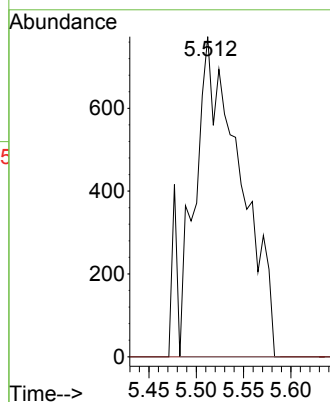
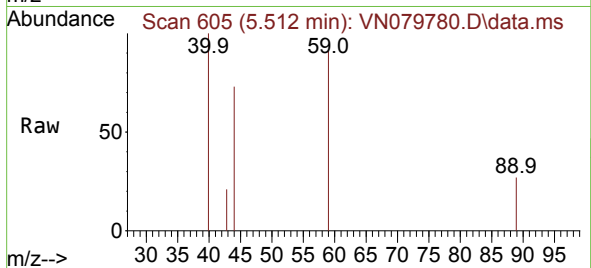




#11
Tert butyl alcohol
Concen: 5.000 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

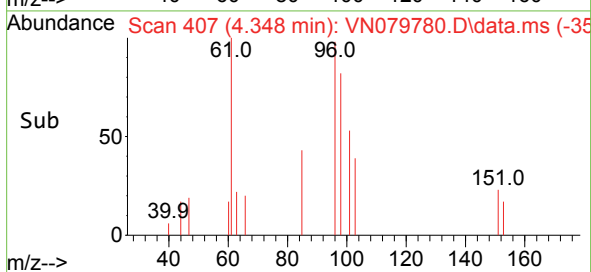
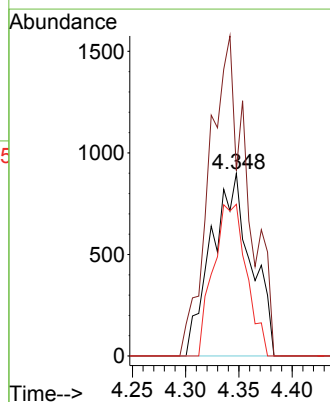
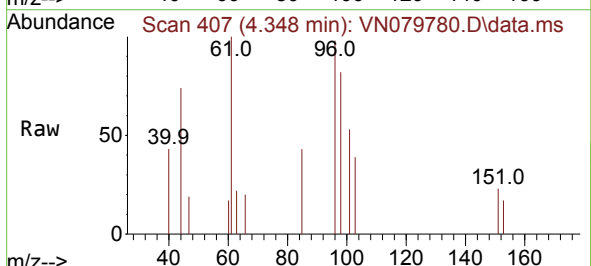
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

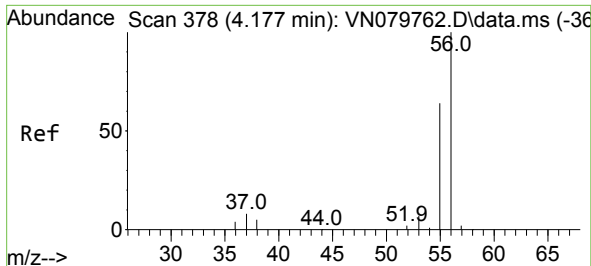
Tgt Ion: 59 Resp: 2551
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.823 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 96 Resp: 2323
Ion Ratio Lower Upper
96 100
61 101.6 112.7 169.1#
98 83.1 51.2 76.8#





#13

Acrolein

Concen: 3.608 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

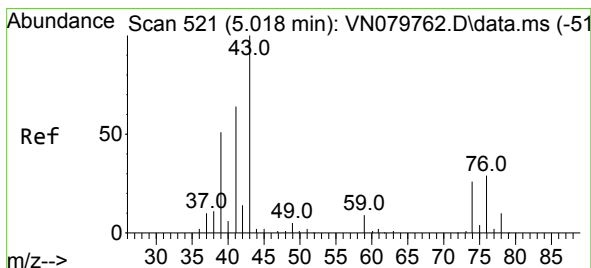
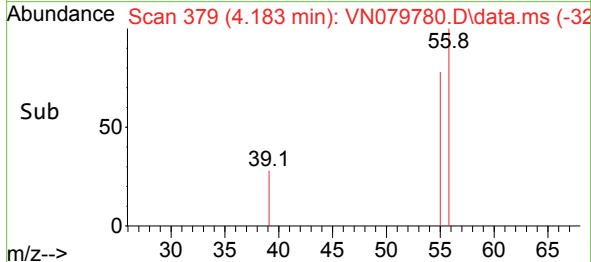
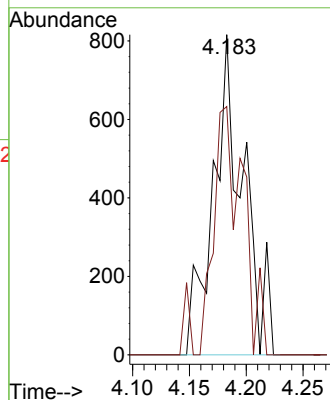
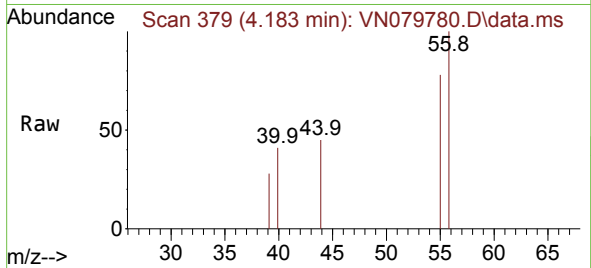
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 56 Resp: 1506

Ion Ratio Lower Upper

56 100

55 75.3 54.5 81.7



#14

Allyl chloride

Concen: 0.147 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.018 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

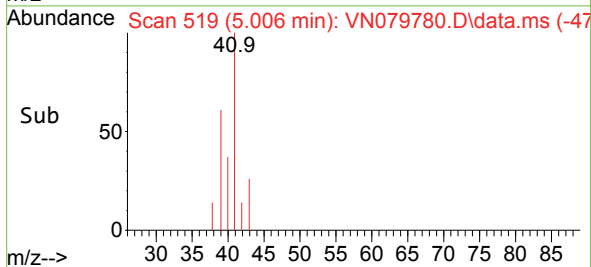
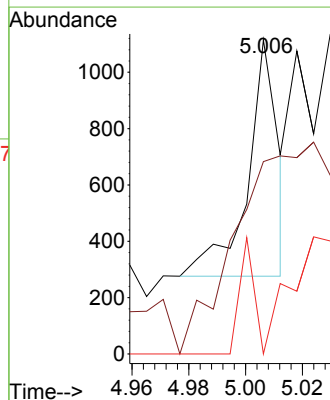
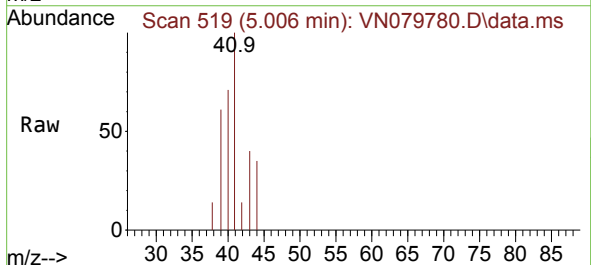
Tgt Ion: 41 Resp: 635

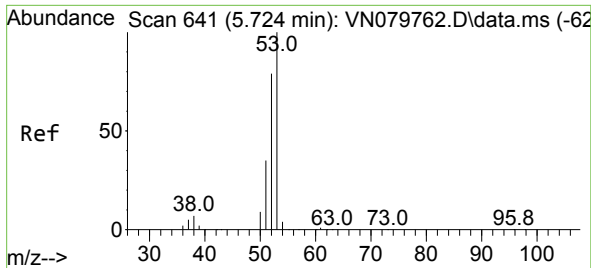
Ion Ratio Lower Upper

41 100

39 0.0 58.8 88.2#

76 23.0 39.1 58.7#

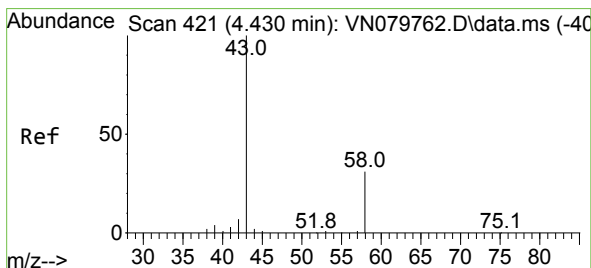
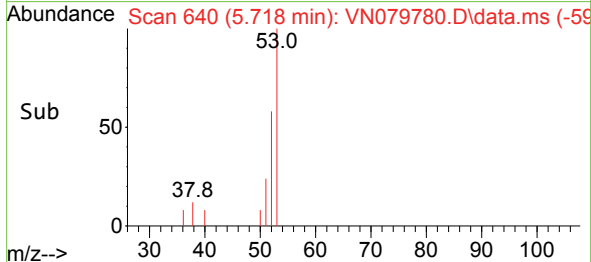
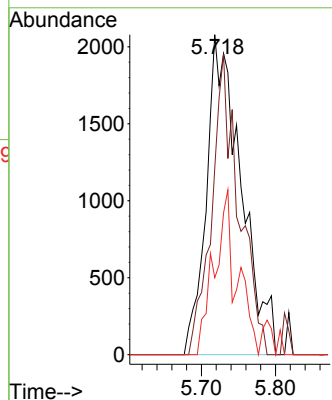
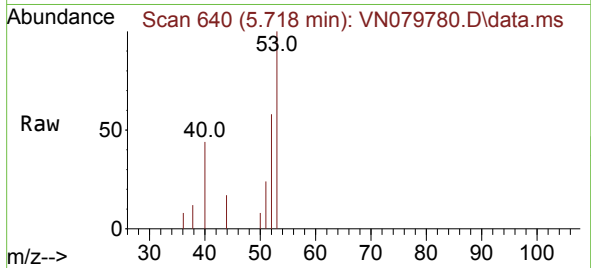




#15
Acrylonitrile
Concen: 4.246 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

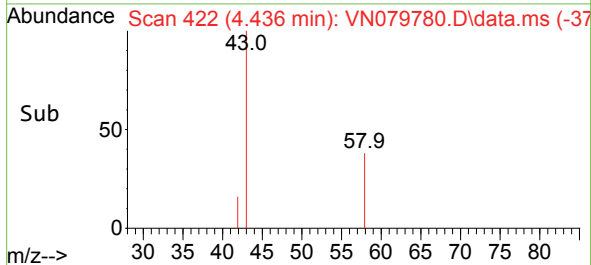
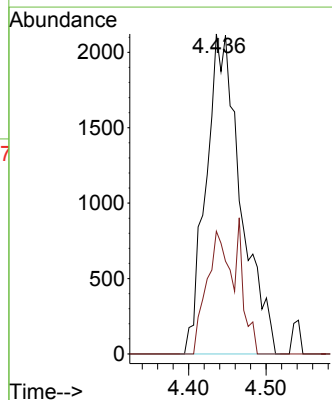
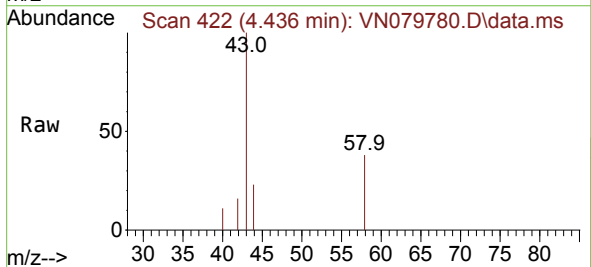
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 53 Resp: 6751
Ion Ratio Lower Upper
53 100
52 73.8 65.3 97.9
51 26.1 28.9 43.3#



#16
Acetone
Concen: 4.727 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 43 Resp: 6637
Ion Ratio Lower Upper
43 100
58 38.4 28.0 42.0

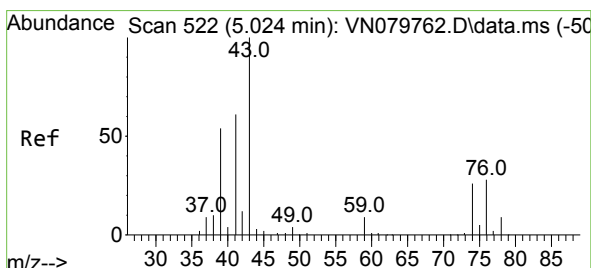
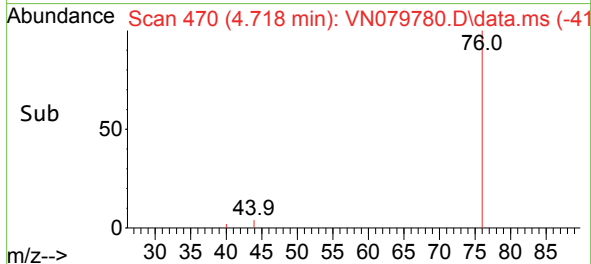
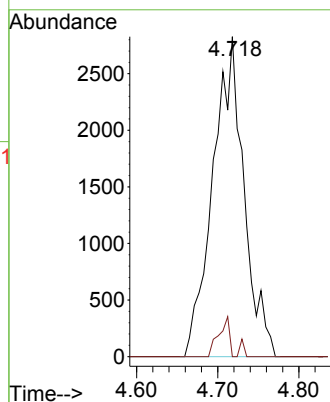
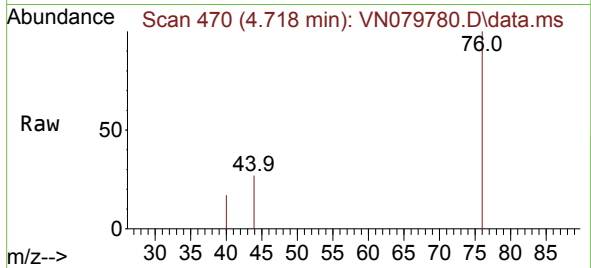




#17
Carbon Disulfide
Concen: 0.923 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

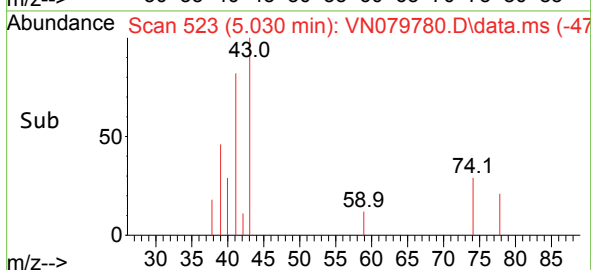
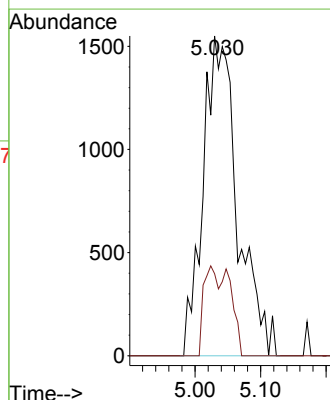
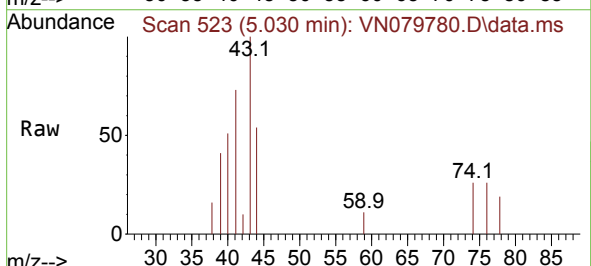
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

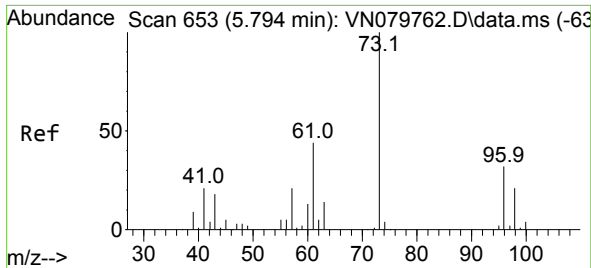
Tgt Ion: 76 Resp: 7520
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.843 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 43 Resp: 5663
Ion Ratio Lower Upper
43 100
74 11.8 26.2 39.4#

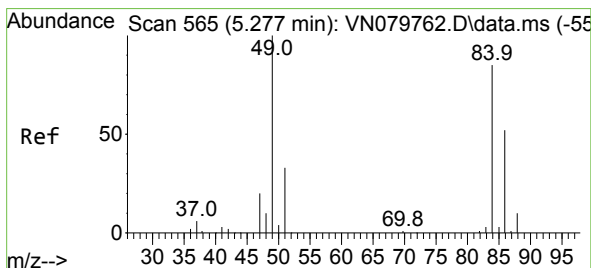
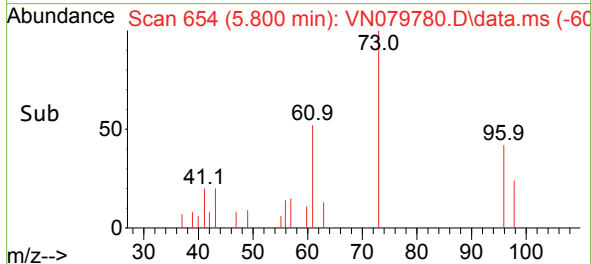
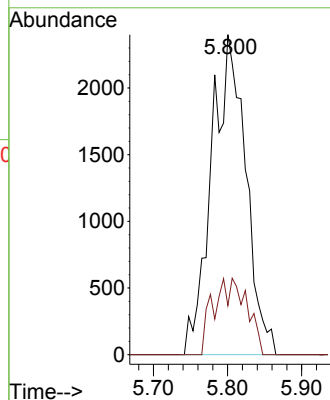
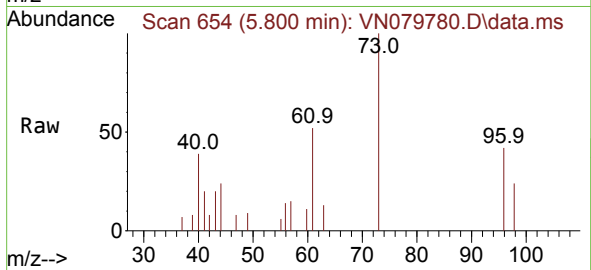




#19
Methyl tert-butyl Ether
Concen: 0.791 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

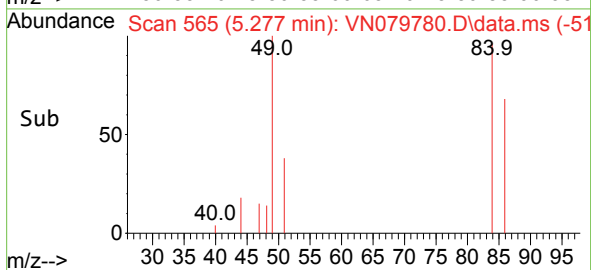
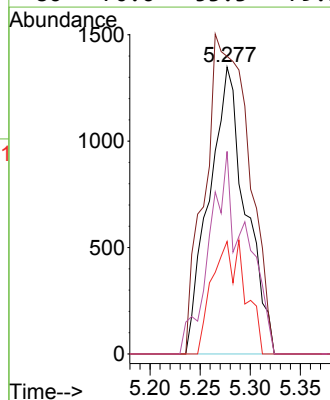
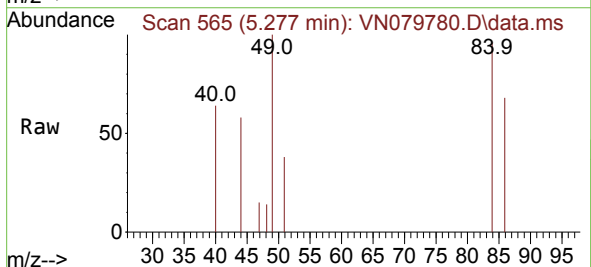
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

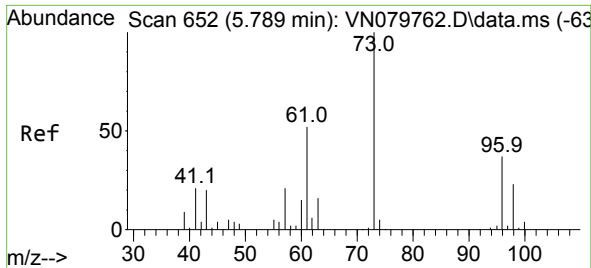
Tgt Ion: 73 Resp: 7689
Ion Ratio Lower Upper
73 100
57 15.4 15.6 23.4#



#20
Methylene Chloride
Concen: 0.965 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 84 Resp: 3418
Ion Ratio Lower Upper
84 100
49 103.8 79.7 119.5
51 39.2 25.2 37.8#
86 70.6 53.3 79.9

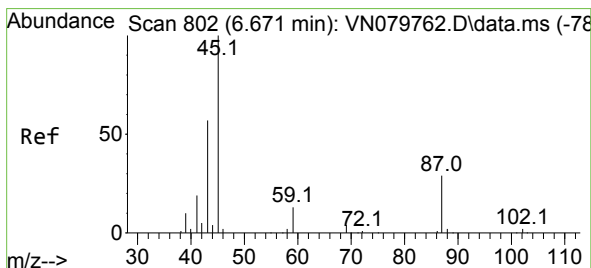
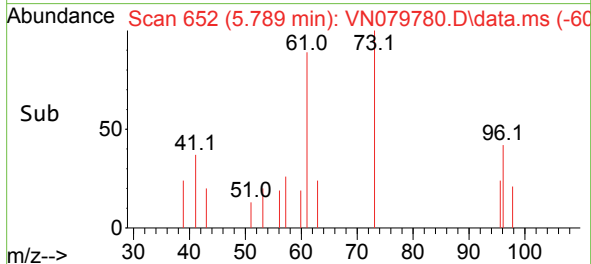
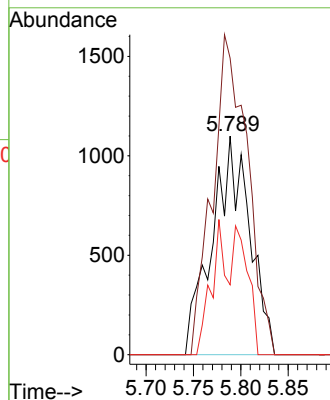
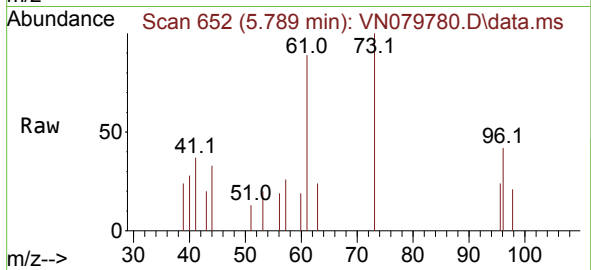




#21
trans-1,2-Dichloroethene
Concen: 0.963 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

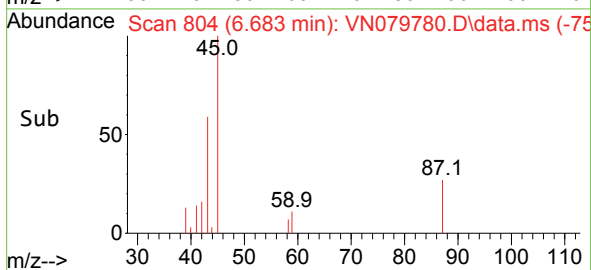
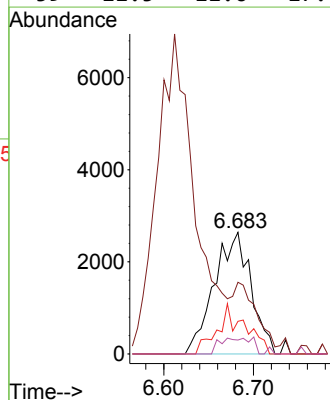
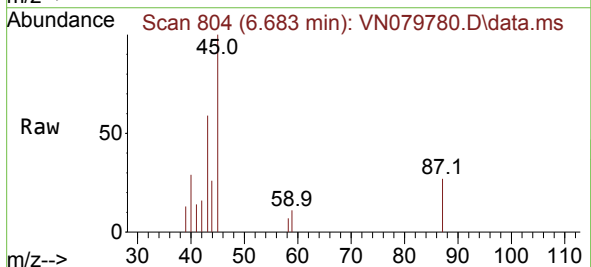
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

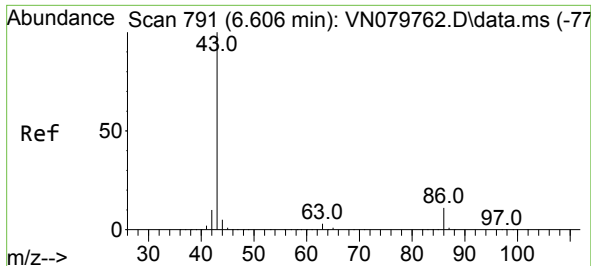
Tgt Ion: 96 Resp: 3032
Ion Ratio Lower Upper
96 100
61 135.7 90.1 135.1#
98 32.0 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.748 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 45 Resp: 7499
Ion Ratio Lower Upper
45 100
43 52.1 45.5 68.3
87 26.9 31.8 47.8#
59 11.5 11.6 17.4#

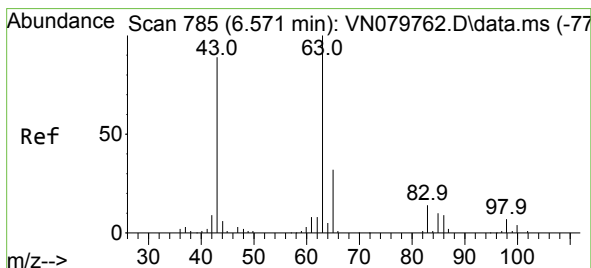
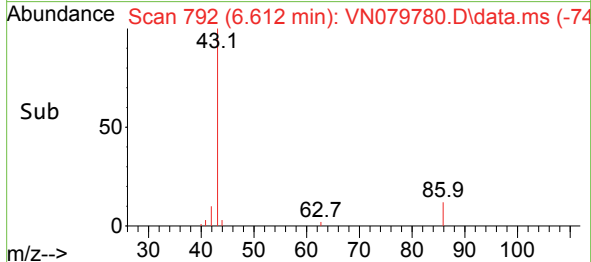
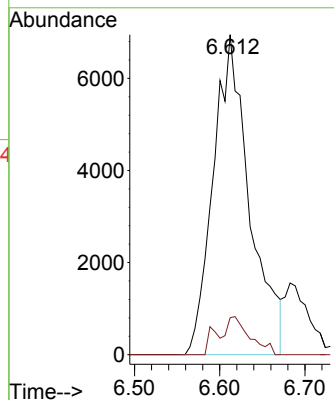
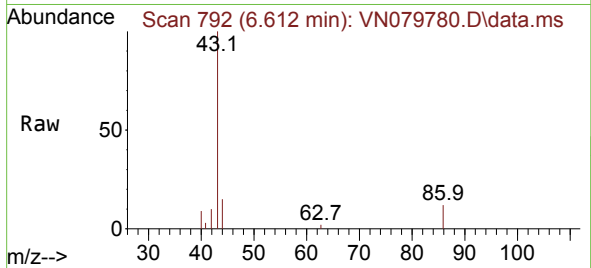




#23
 Vinyl Acetate
 Concen: 3.726 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079780.D
 Acq: 01 Nov 2023 18:42

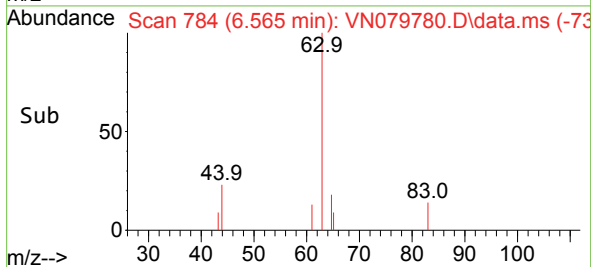
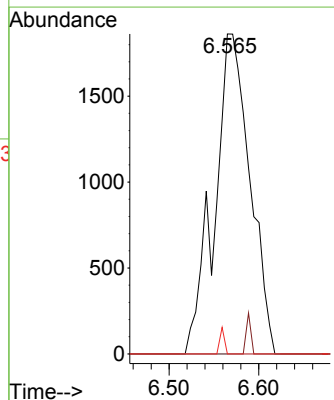
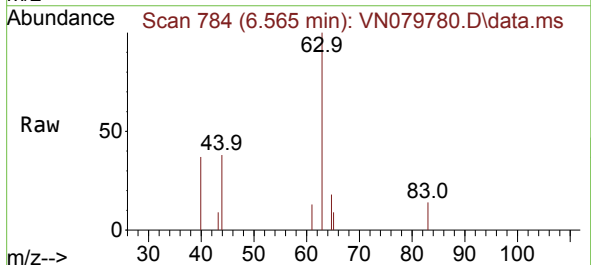
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

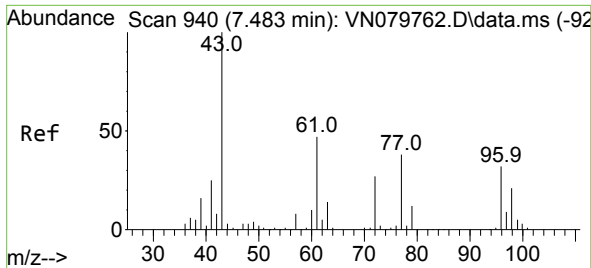
Tgt Ion: 43 Resp: 20602
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.843 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079780.D
 Acq: 01 Nov 2023 18:42

Tgt Ion: 63 Resp: 5134
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#

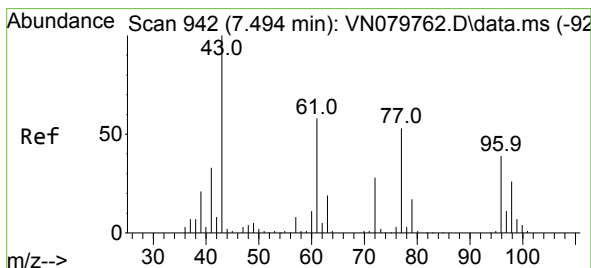
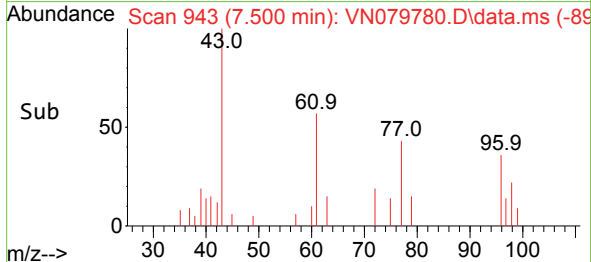
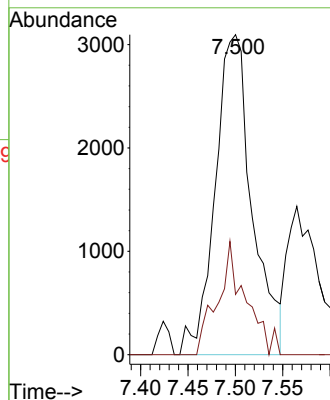
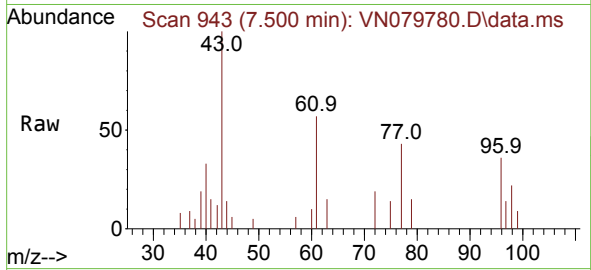




#25
2-Butanone
Concen: 4.093 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

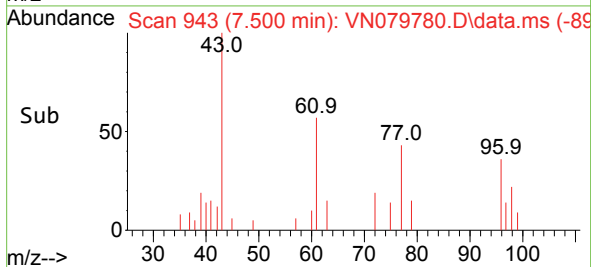
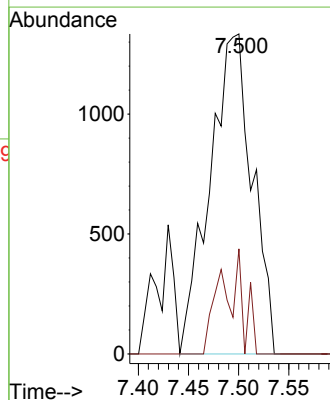
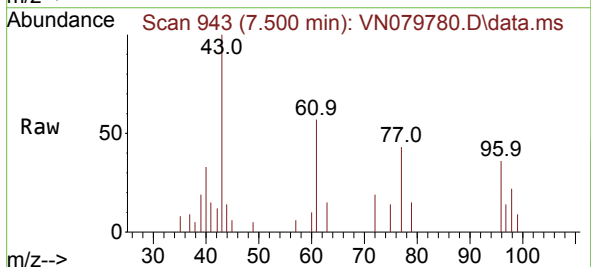
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

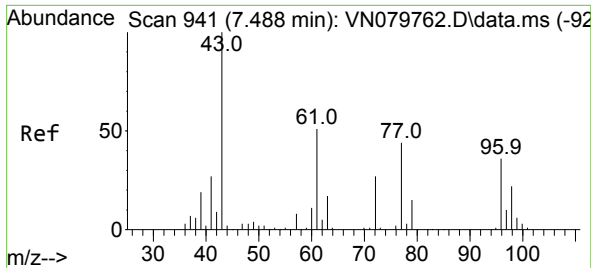
Tgt Ion: 43 Resp: 8415
Ion Ratio Lower Upper
43 100
72 18.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 0.782 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 77 Resp: 3940
Ion Ratio Lower Upper
77 100
97 10.3 11.2 33.6#

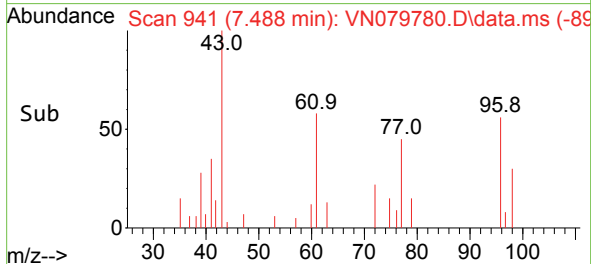
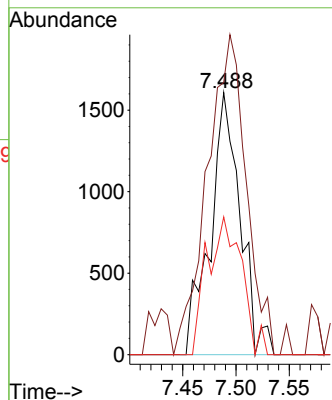
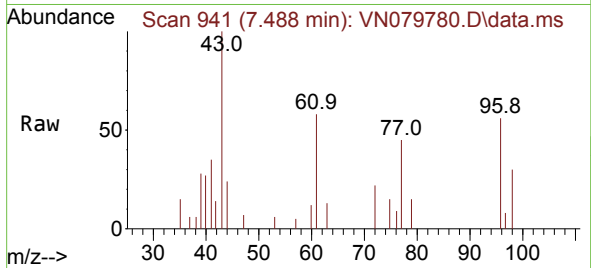




#27
 cis-1,2-Dichloroethene
 Concen: 0.841 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079780.D
 Acq: 01 Nov 2023 18:42

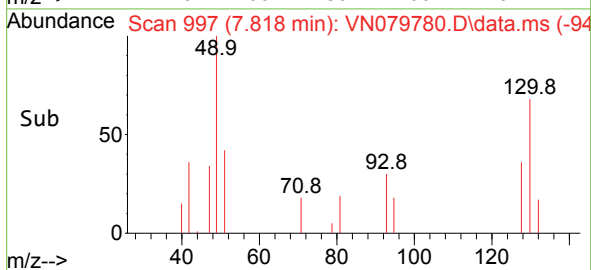
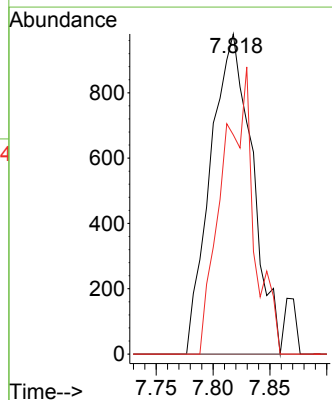
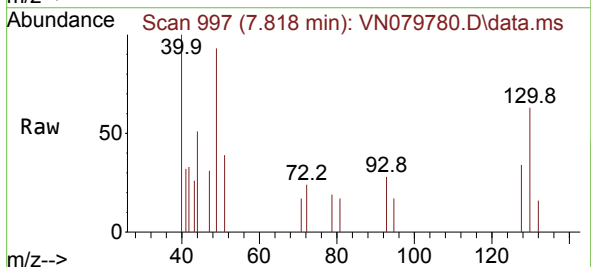
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

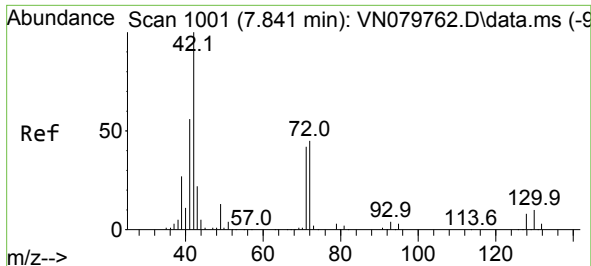
Tgt Ion: 96 Resp: 3168
 Ion Ratio Lower Upper
 96 100
 61 157.3 0.0 255.2
 98 60.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 0.843 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079780.D
 Acq: 01 Nov 2023 18:42

Tgt Ion: 49 Resp: 2503
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 68.0 75.3 112.9#

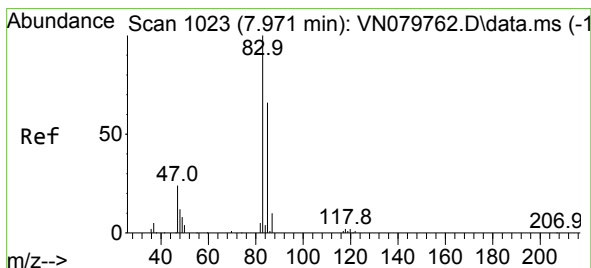
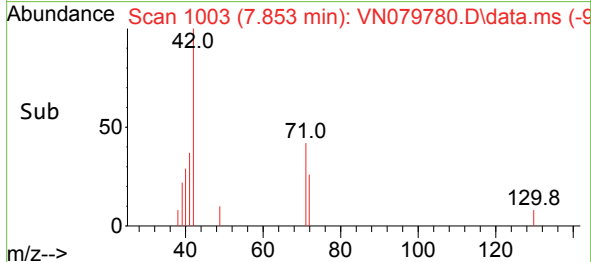
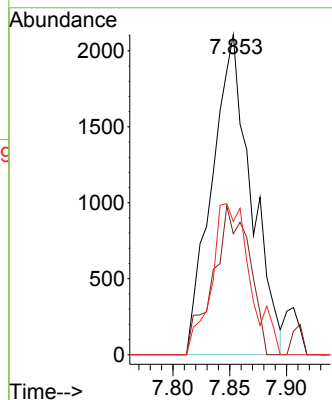
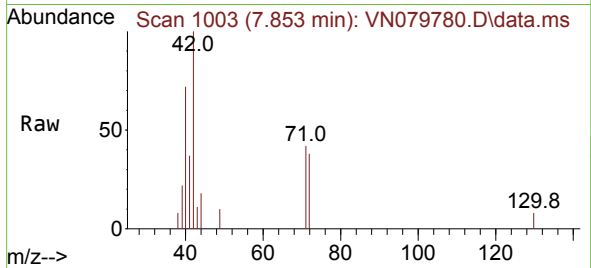




#29
Tetrahydrofuran
Concen: 3.797 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

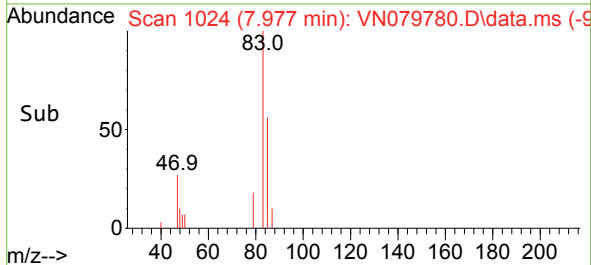
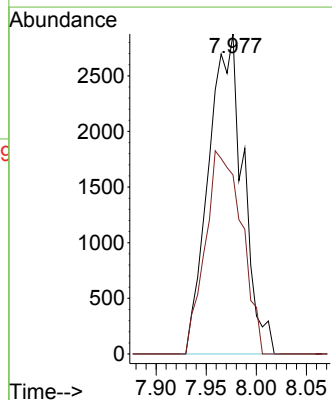
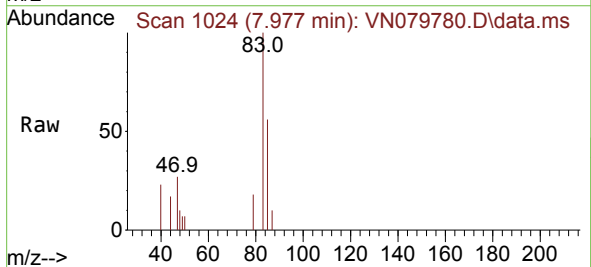
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

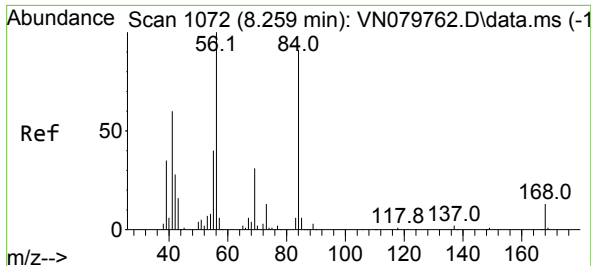
Tgt Ion: 42 Resp: 5079
Ion Ratio Lower Upper
42 100
72 42.8 49.8 74.6#
71 46.3 47.4 71.2#



#30
Chloroform
Concen: 1.044 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

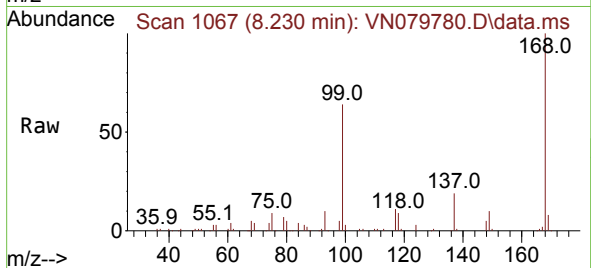
Tgt Ion: 83 Resp: 6907
Ion Ratio Lower Upper
83 100
85 55.9 55.4 83.0



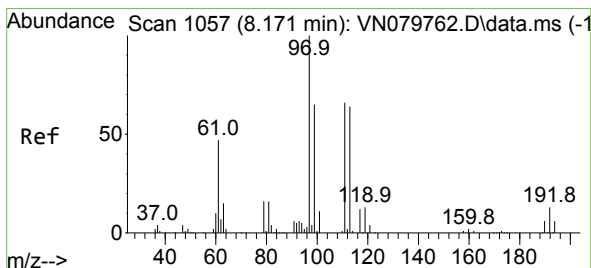
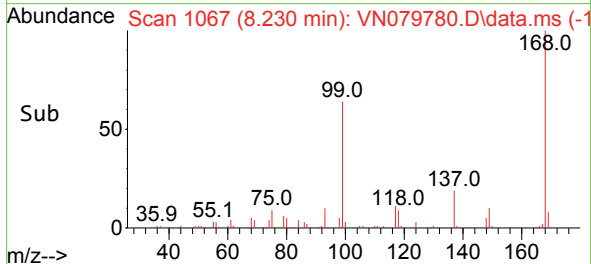
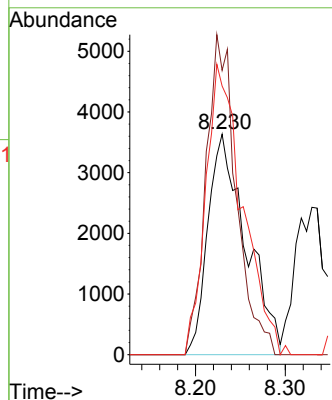


#31
Cyclohexane
Concen: 2.035 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

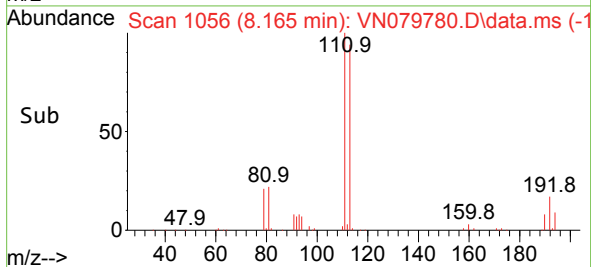
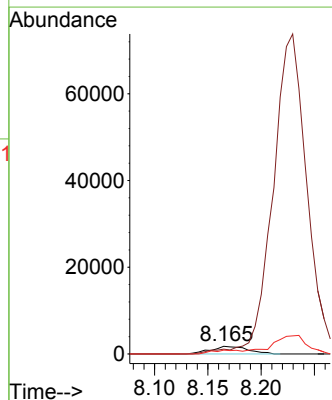
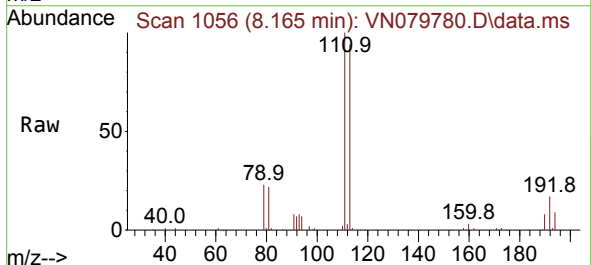


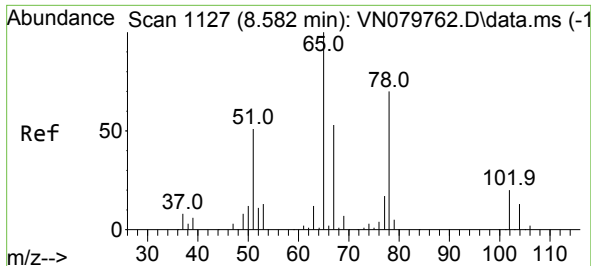
Tgt Ion: 56 Resp: 10748
Ion Ratio Lower Upper
56 100
69 128.9 26.8 40.2#
84 121.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 0.791 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 97 Resp: 4264
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 38.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.288 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

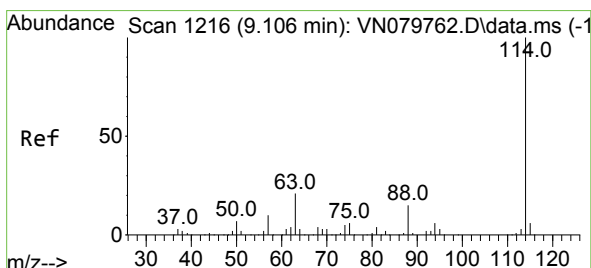
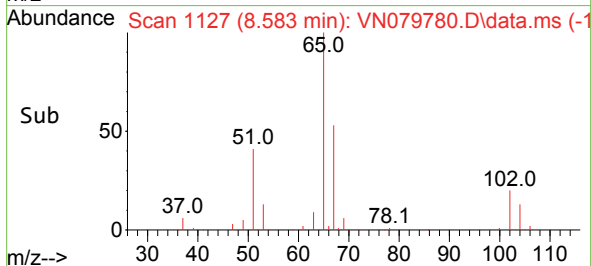
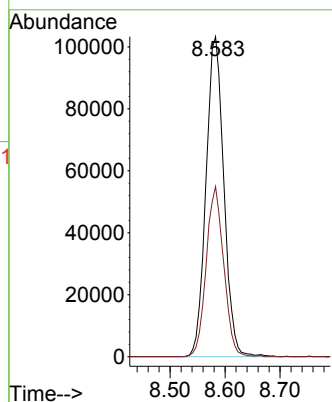
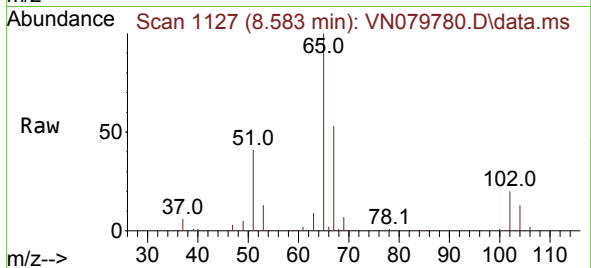
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 65 Resp: 232970

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

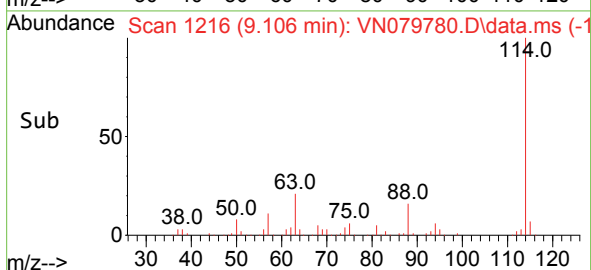
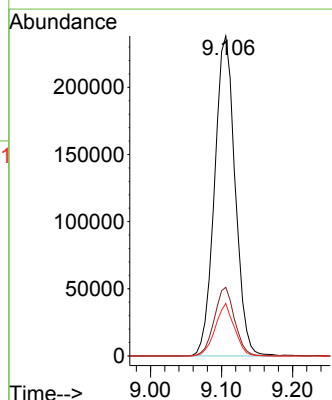
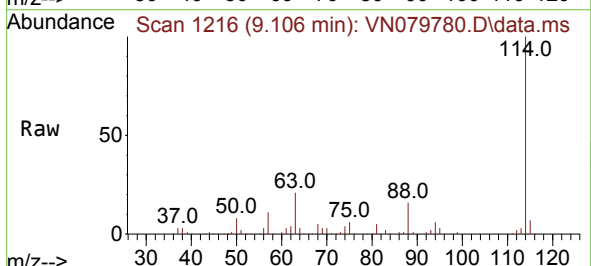
Tgt Ion: 114 Resp: 477574

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

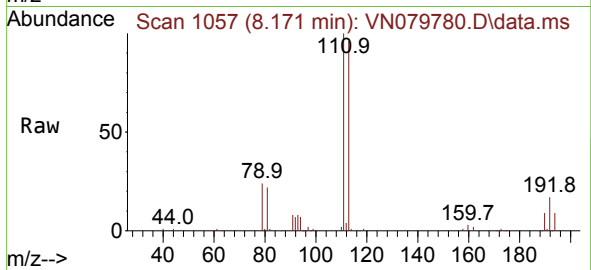
88 16.4 0.0 30.6



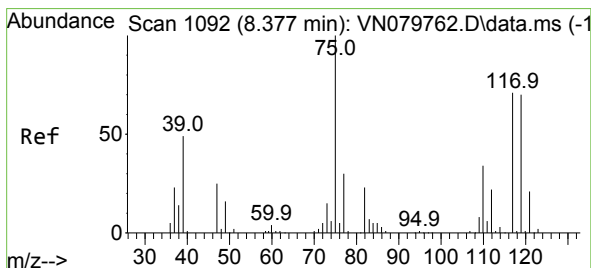
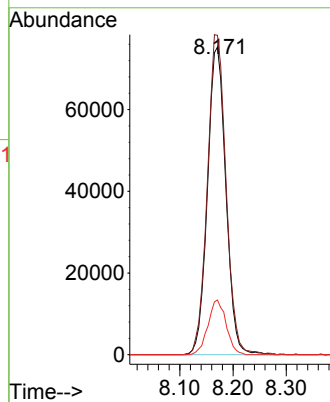
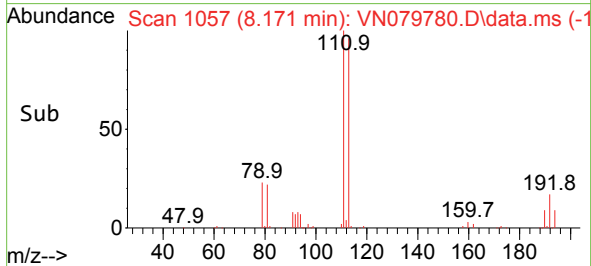


#35
Dibromofluoromethane
Concen: 53.477 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

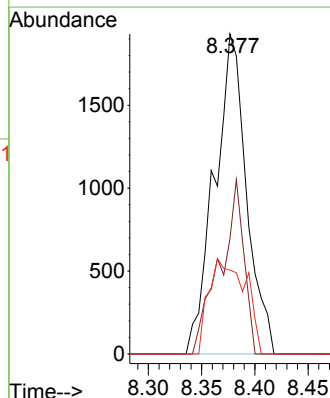
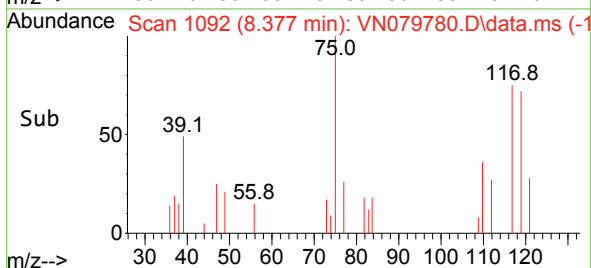
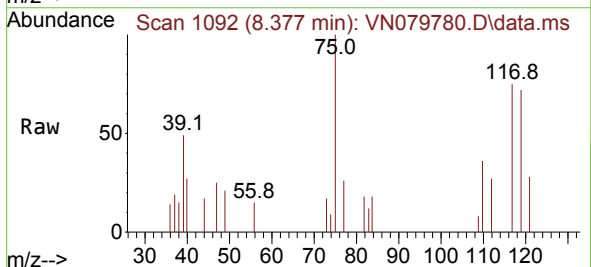


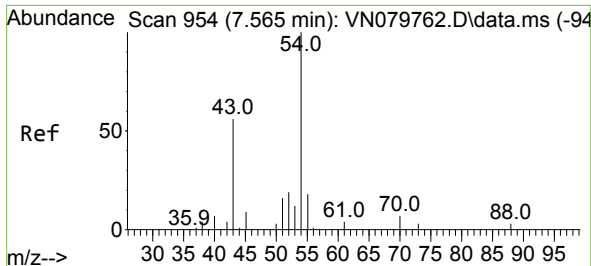
Tgt Ion:113 Resp: 180755
Ion Ratio Lower Upper
113 100
111 105.7 82.6 123.8
192 17.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 0.835 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 75 Resp: 4032
Ion Ratio Lower Upper
75 100
110 41.0 19.1 57.3
77 34.1 25.0 37.4

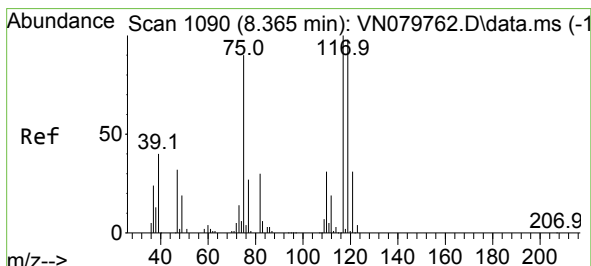
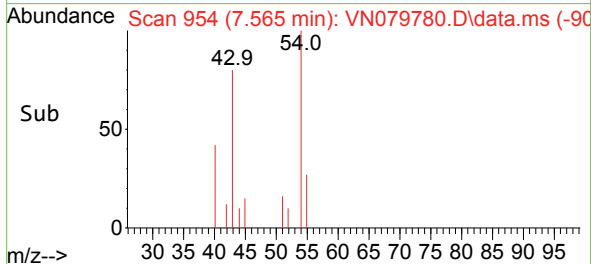
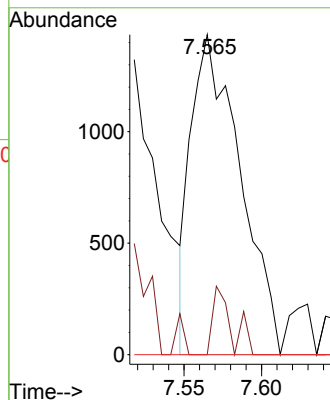
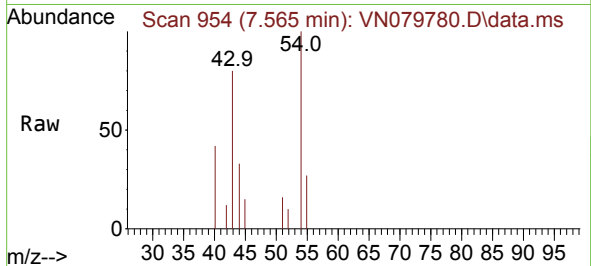




#37
Ethyl Acetate
Concen: 0.712 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

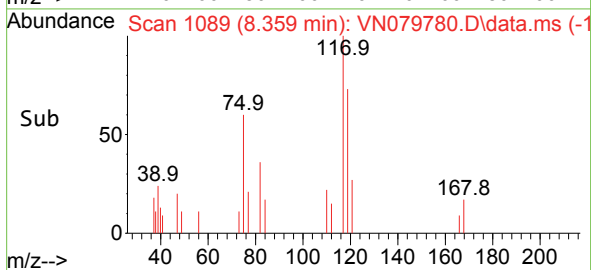
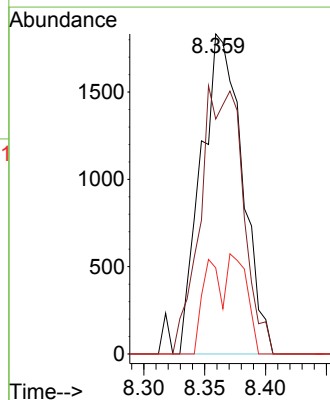
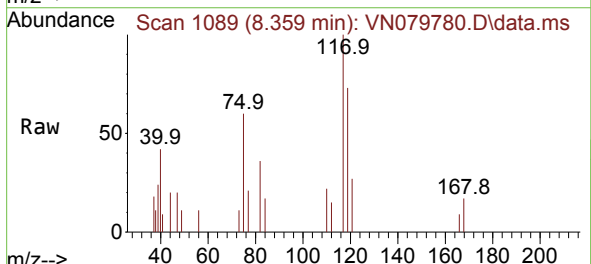
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

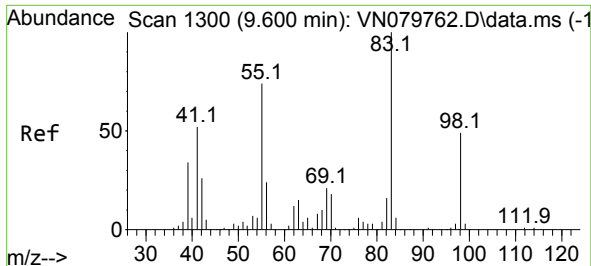
Tgt Ion: 43 Resp: 3153
Ion Ratio Lower Upper
43 100
61 8.2 13.2 19.8#
70 0.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 0.887 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 117 Resp: 4315
Ion Ratio Lower Upper
117 100
119 73.4 77.3 115.9#
121 26.9 23.3 34.9





#39

Methylcyclohexane

Concen: 0.701 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

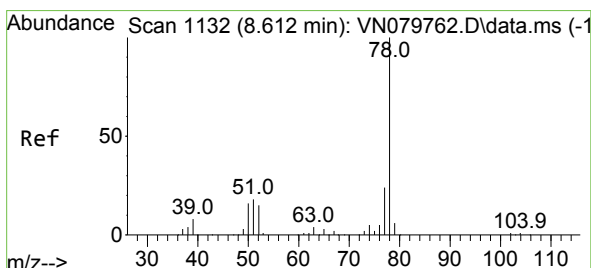
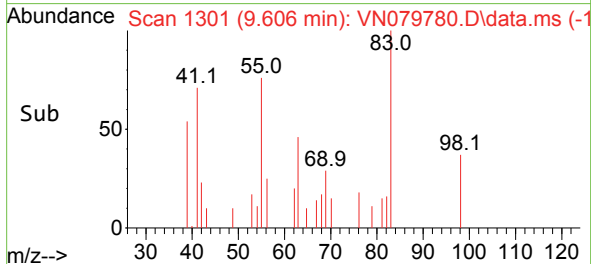
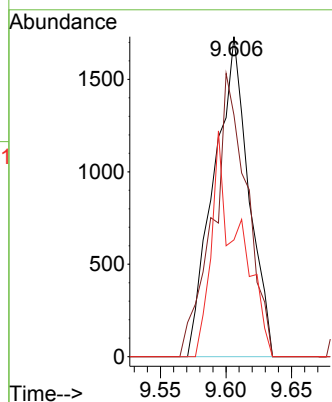
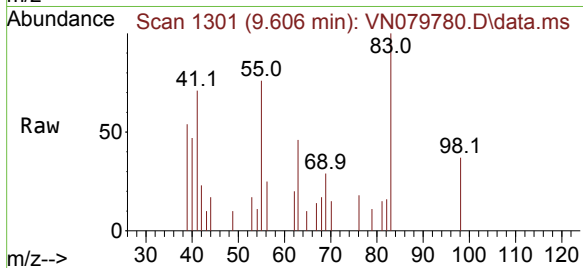
Tgt Ion: 83 Resp: 3186

Ion Ratio Lower Upper

83 100

55 75.5 49.1 73.7#

98 36.5 40.6 61.0#



#40

Benzene

Concen: 0.787 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079780.D

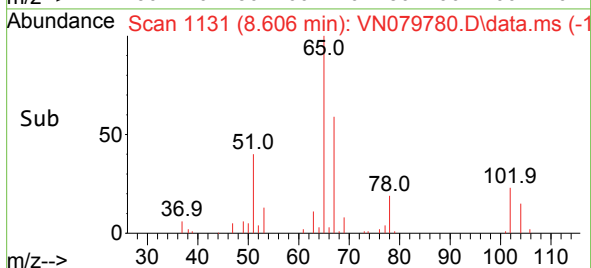
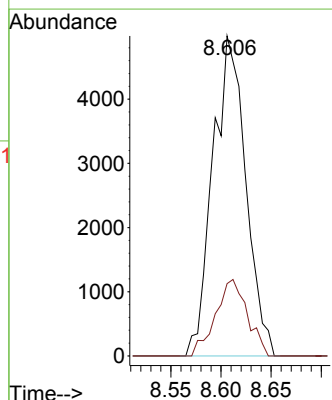
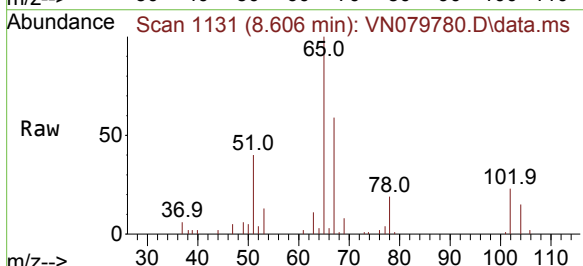
Acq: 01 Nov 2023 18:42

Tgt Ion: 78 Resp: 11382

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.6

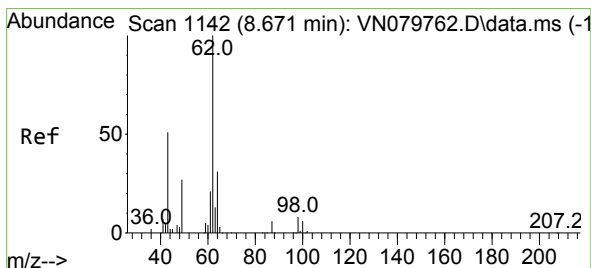
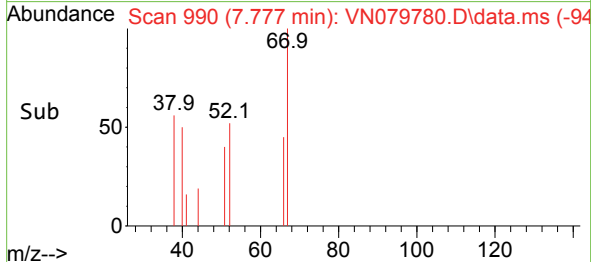
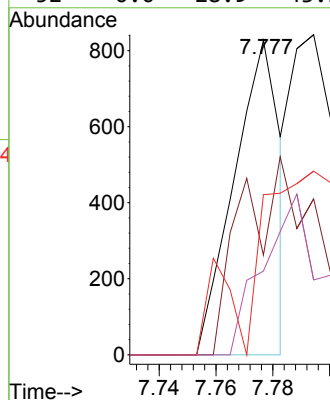
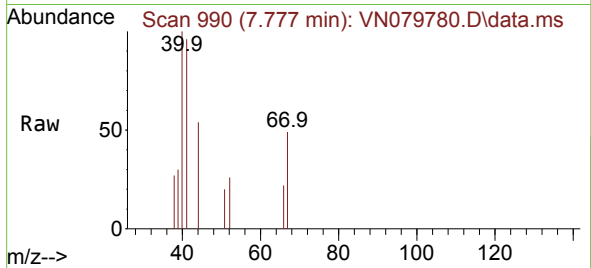




#41
Methacrylonitrile
Concen: 0.397 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

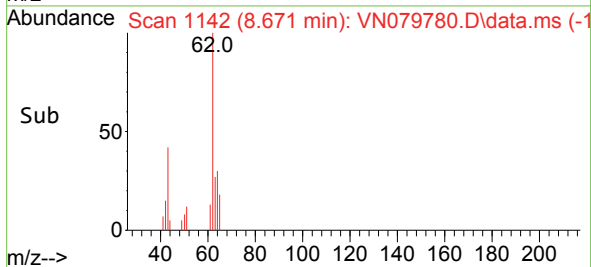
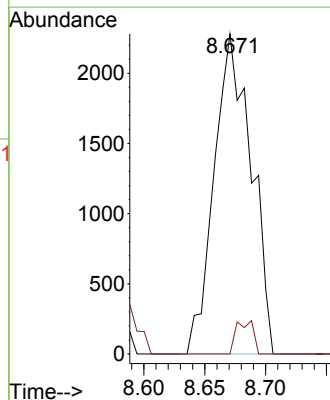
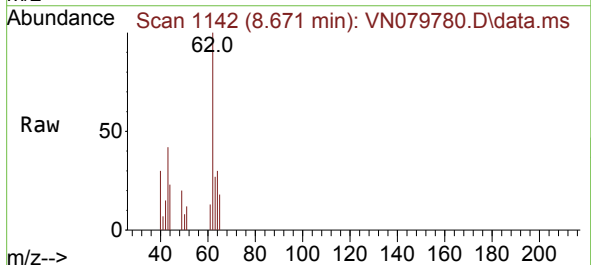
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

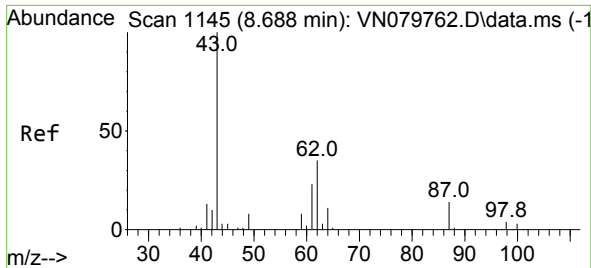
Tgt Ion: 41	Resp: 933
Ion Ratio	Lower Upper
41 100	
39 39.7	42.6 64.0#
67 0.0	77.5 116.3#
52 0.0	28.9 43.3#



#42
1,2-Dichloroethane
Concen: 0.957 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 62	Resp: 4831
Ion Ratio	Lower Upper
62 100	
98 4.8	0.0 19.8

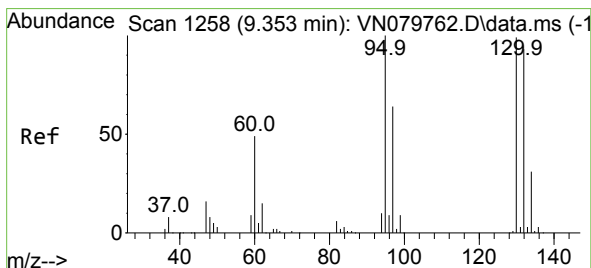
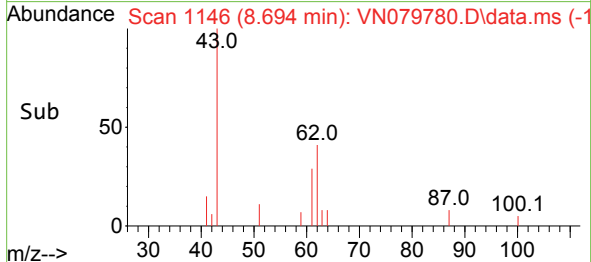
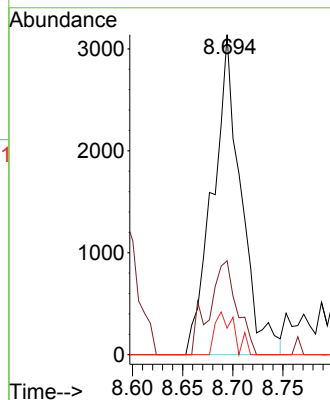
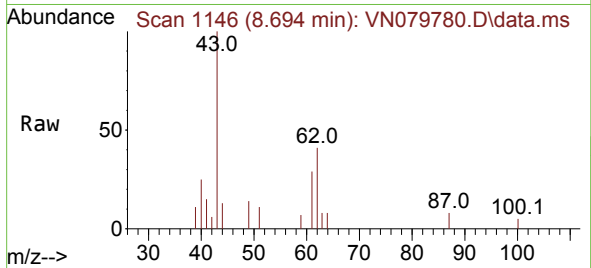




#43
Isopropyl Acetate
Concen: 0.794 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

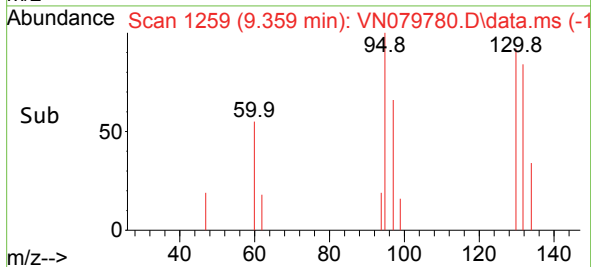
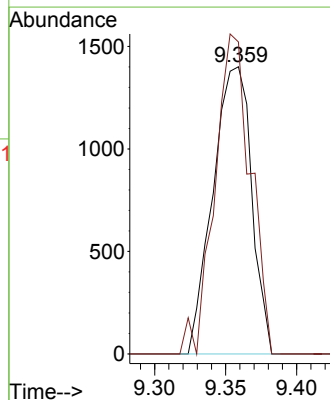
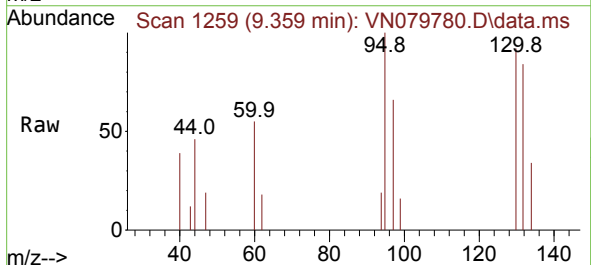
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

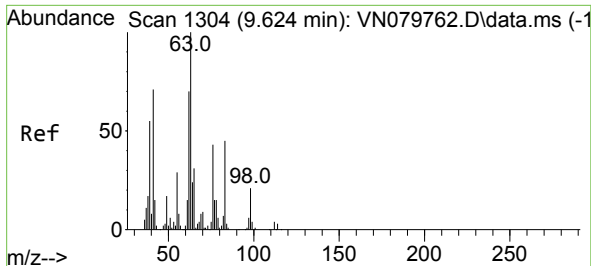
Tgt Ion: 43 Resp: 6163
Ion Ratio Lower Upper
43 100
61 29.1 24.7 37.1
87 9.0 14.6 21.8#



#44
Trichloroethene
Concen: 0.740 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion:130 Resp: 2653
Ion Ratio Lower Upper
130 100
95 108.6 0.0 204.6

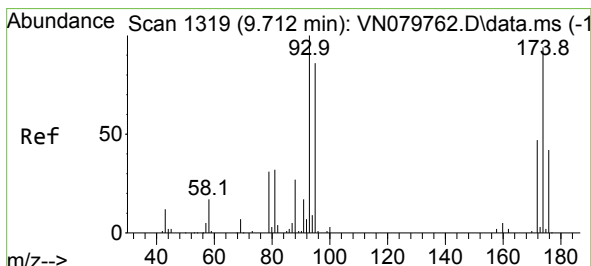
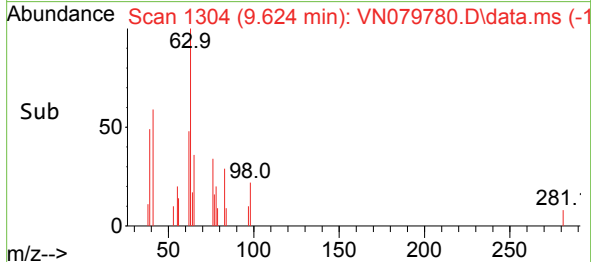
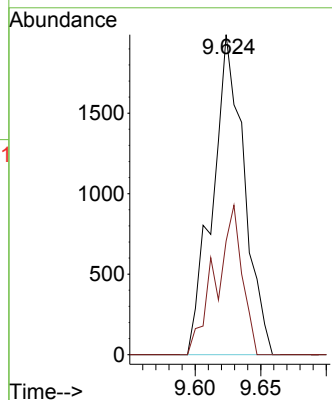
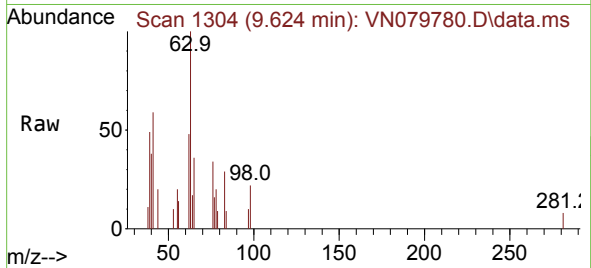




#45
1,2-Dichloropropane
Concen: 0.902 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

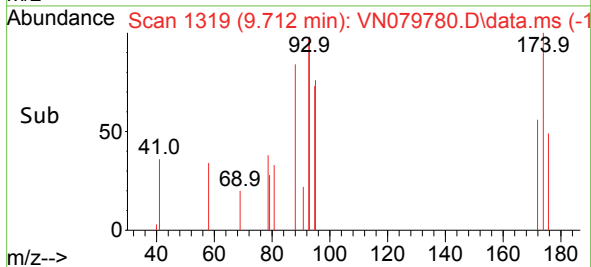
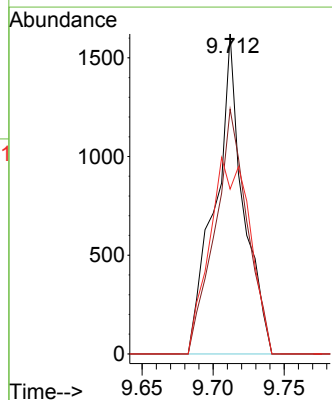
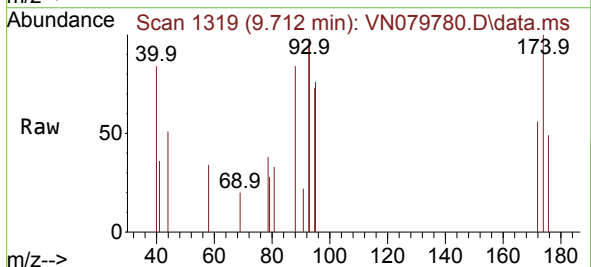
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 63 Resp: 3332
Ion Ratio Lower Upper
63 100
65 35.5 23.9 35.9



#46
Dibromomethane
Concen: 0.883 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 93 Resp: 2228
Ion Ratio Lower Upper
93 100
95 87.9 63.8 95.8
174 88.3 65.6 98.4

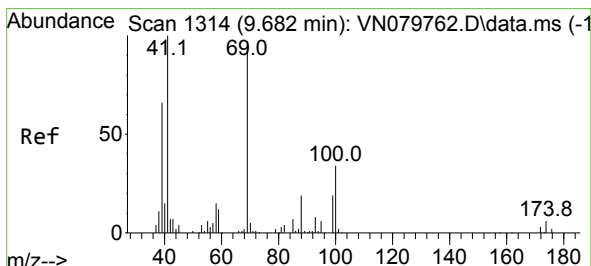
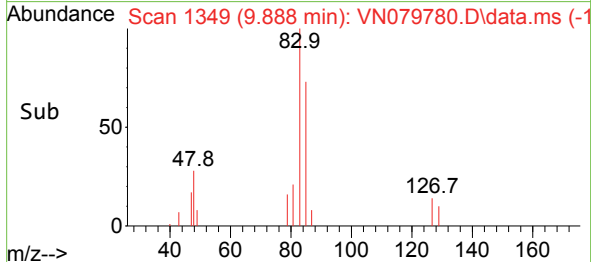
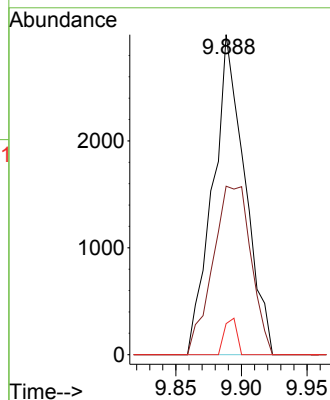
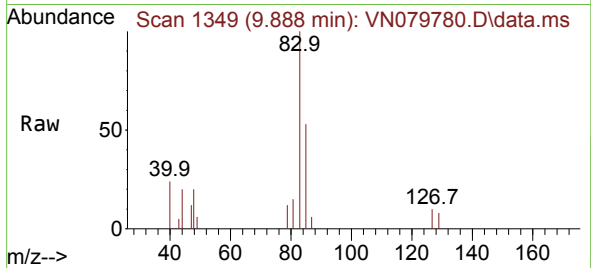




#47
Bromodichloromethane
Concen: 0.941 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

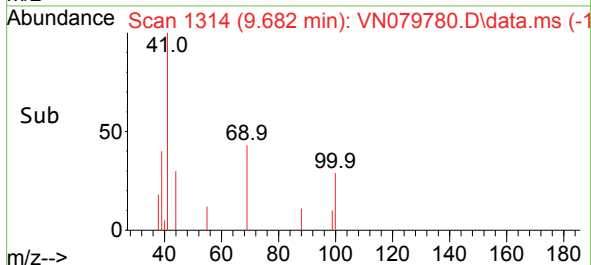
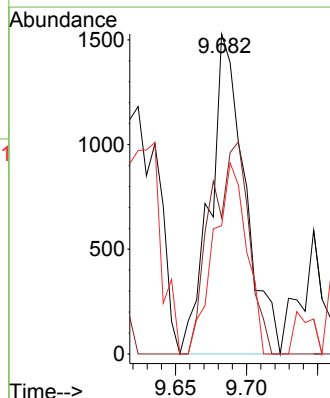
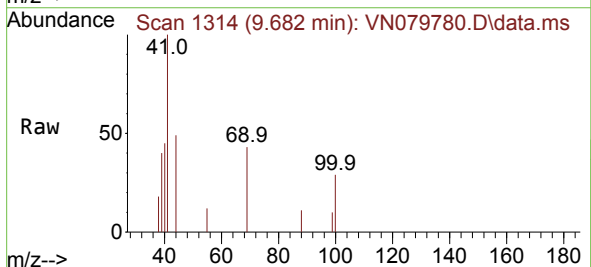
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

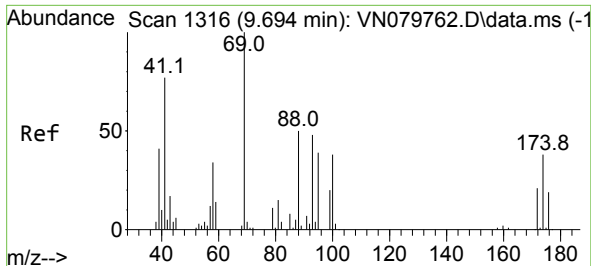
Tgt Ion:	83	Resp:	5062
Ion	Ratio	Lower	Upper
83	100		
85	52.7	49.6	74.4
127	9.7	7.0	10.6



#48
Methyl methacrylate
Concen: 0.764 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion:	41	Resp:	2597
Ion	Ratio	Lower	Upper
41	100		
69	73.1	90.4	135.6#
39	56.5	54.6	81.8





#49

1,4-Dioxane

Concen: 17.511 ug/l

RT: 9.712 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN079780.D

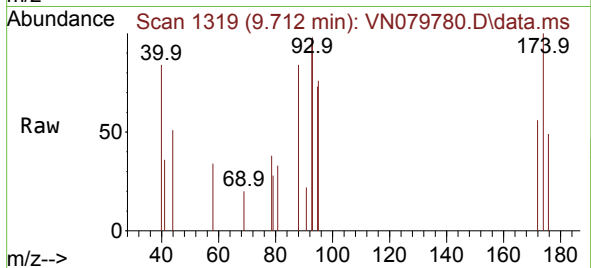
Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



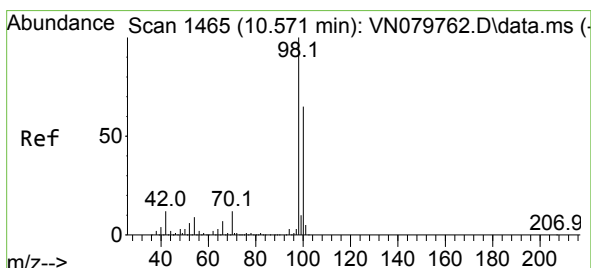
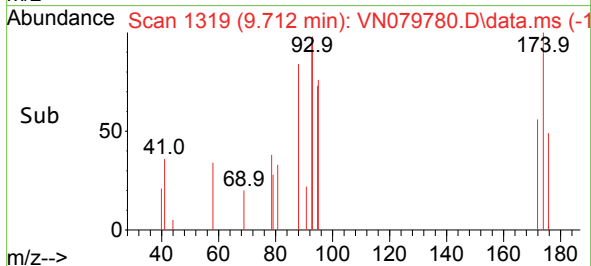
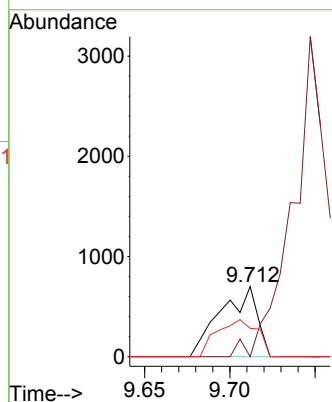
Tgt Ion: 88 Resp: 1052

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 57.7 47.0 70.4



#50

Toluene-d8

Concen: 51.823 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079780.D

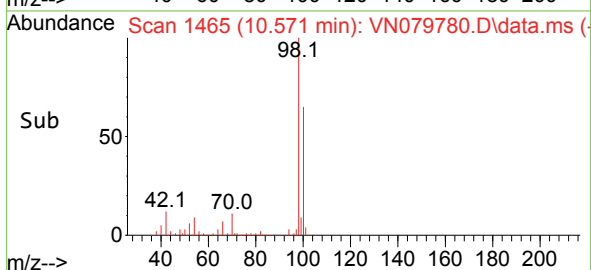
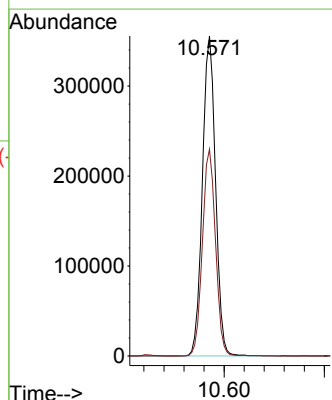
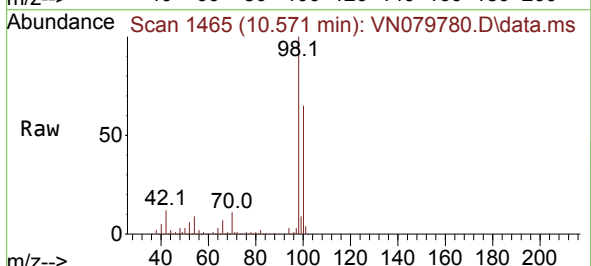
Acq: 01 Nov 2023 18:42

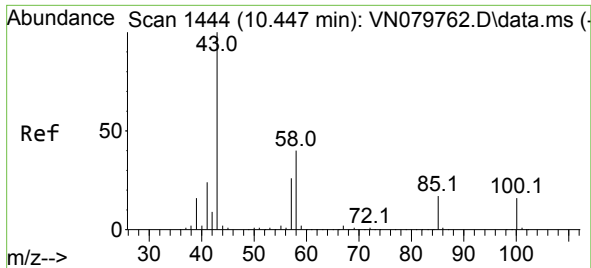
Tgt Ion: 98 Resp: 644844

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

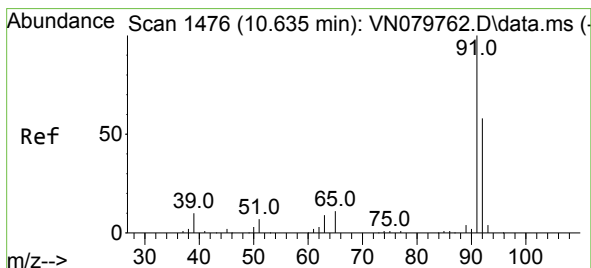
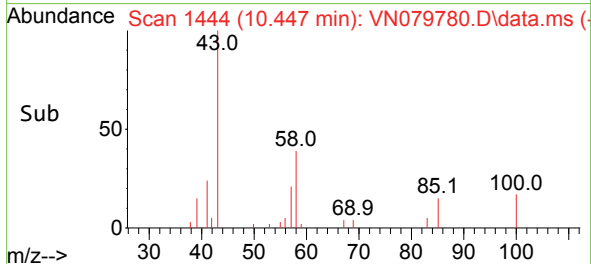
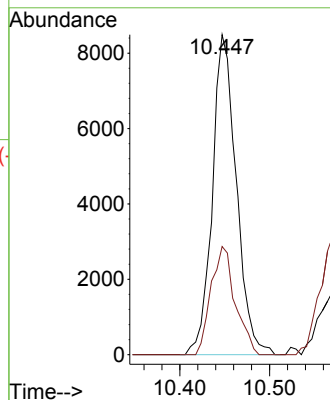
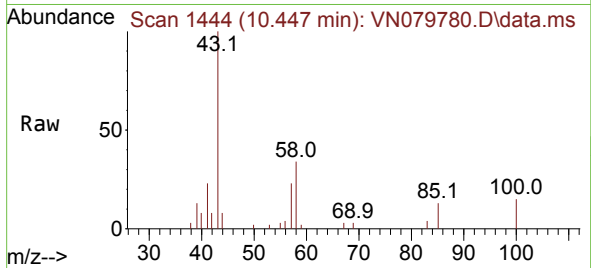




#51
4-Methyl-2-Pentanone
Concen: 3.603 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

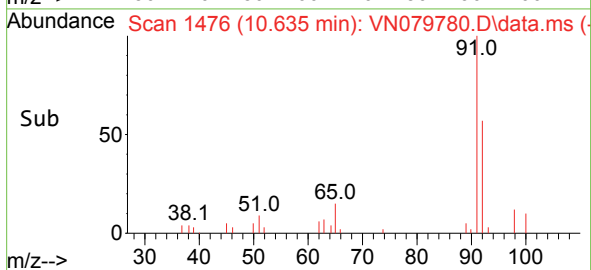
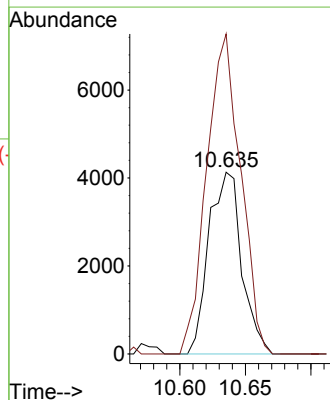
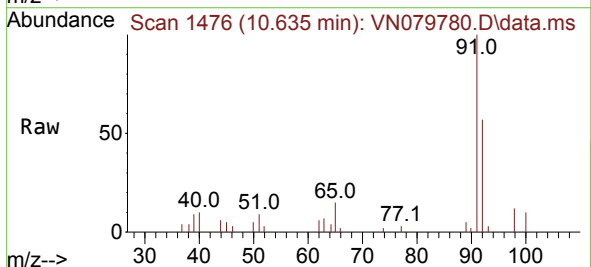
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

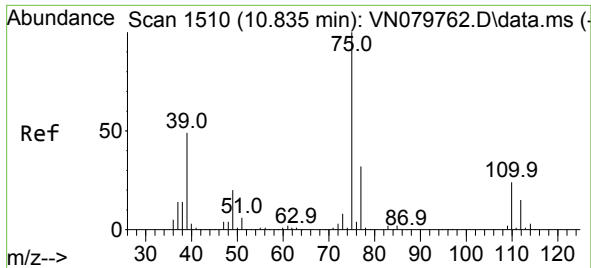
Tgt Ion: 43 Resp: 15747
Ion Ratio Lower Upper
43 100
58 34.2 36.6 54.8#



#52
Toluene
Concen: 0.839 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 92 Resp: 7192
Ion Ratio Lower Upper
92 100
91 182.6 137.4 206.0

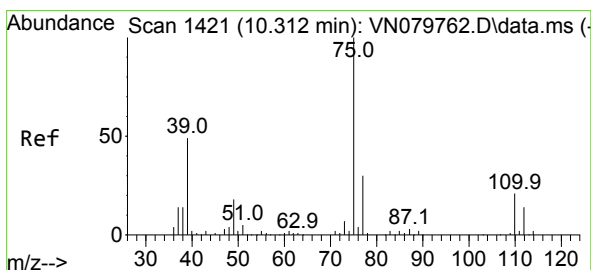
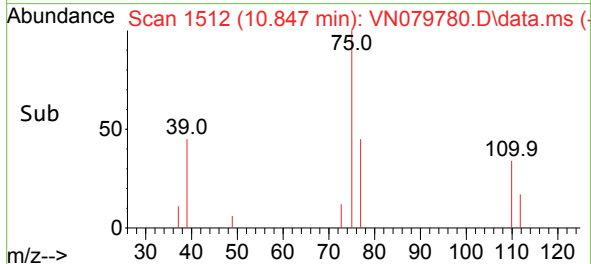
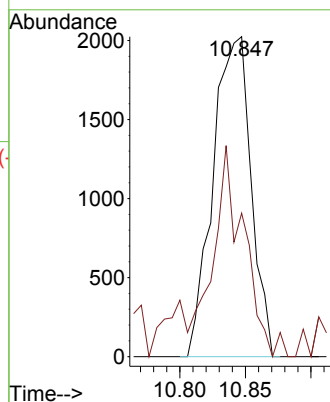
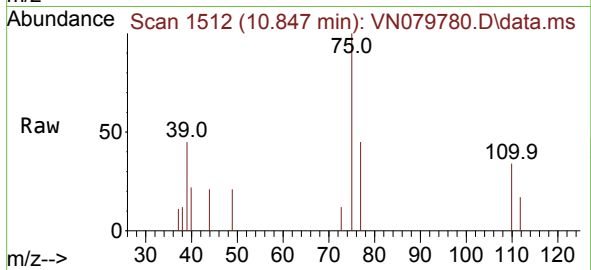




#53
 t-1,3-Dichloropropene
 Concen: 0.774 ug/l
 RT: 10.847 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN079780.D
 Acq: 01 Nov 2023 18:42

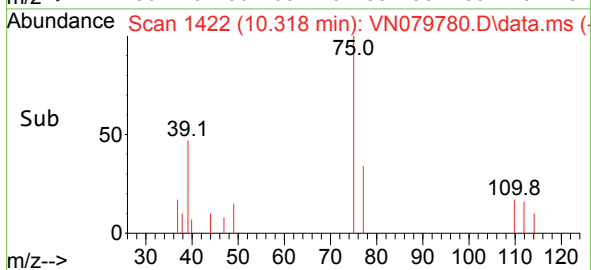
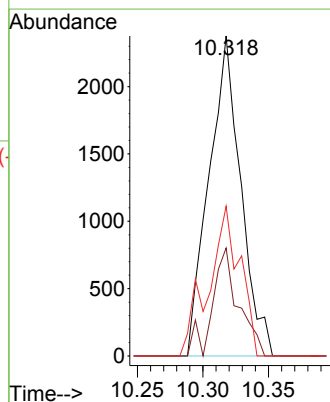
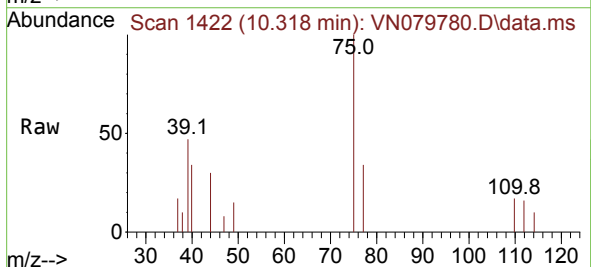
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

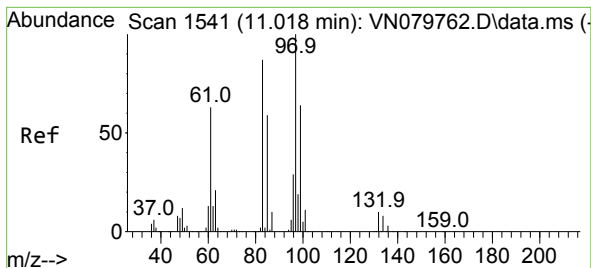
Tgt Ion: 75 Resp: 4084
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 0.697 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079780.D
 Acq: 01 Nov 2023 18:42

Tgt Ion: 75 Resp: 4005
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.1 39.1
 39 46.8 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 0.896 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 97 Resp: 3089

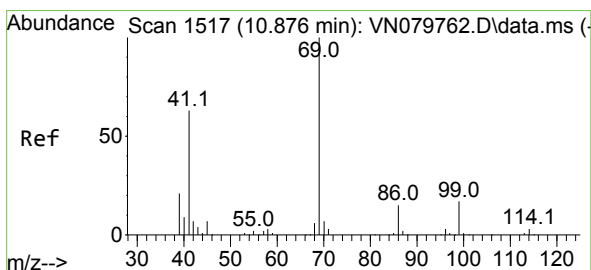
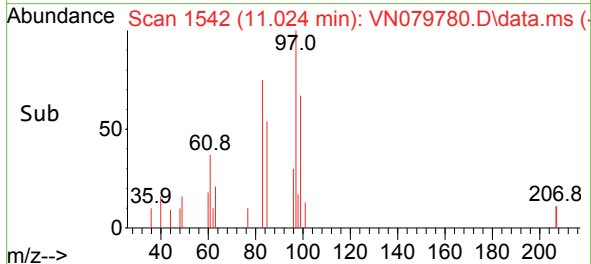
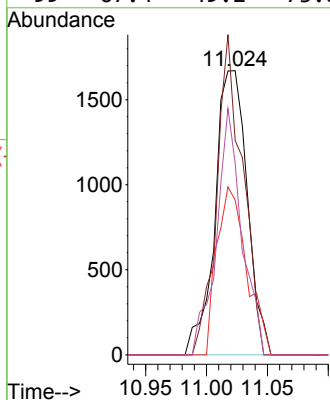
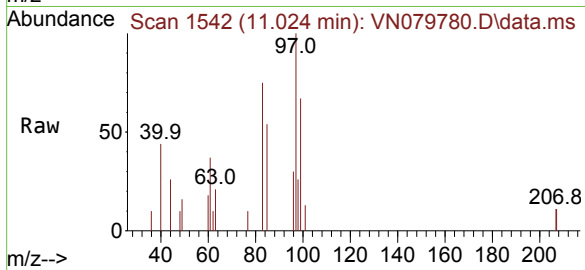
Ion Ratio Lower Upper

97 100

83 75.5 65.1 97.7

85 54.5 43.4 65.2

99 67.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 0.552 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

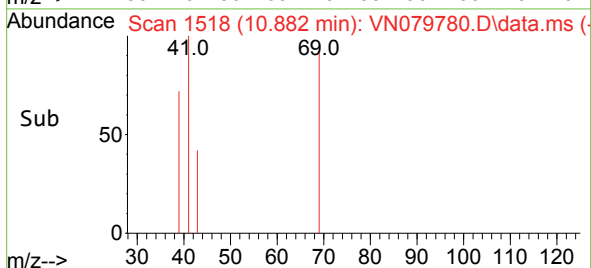
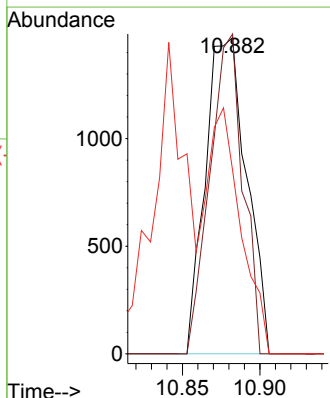
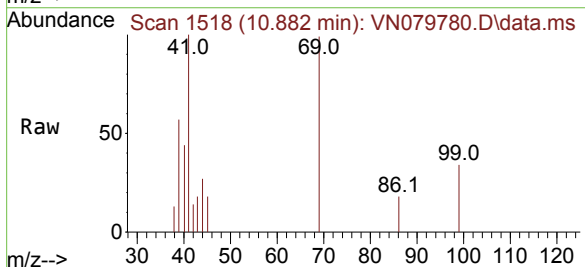
Tgt Ion: 69 Resp: 2714

Ion Ratio Lower Upper

69 100

41 81.4 39.6 59.4#

39 64.3 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 0.763 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

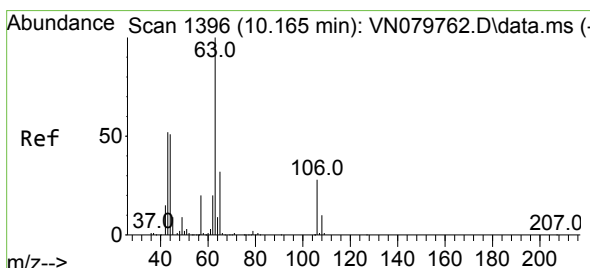
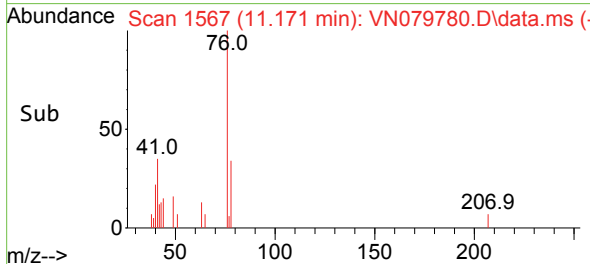
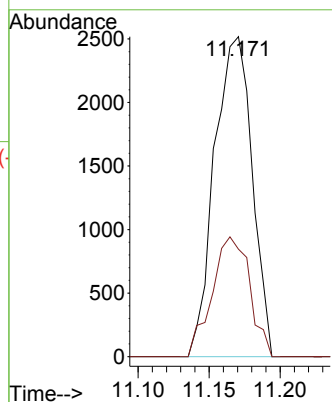
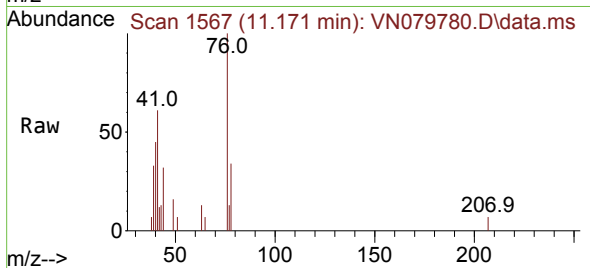
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 76 Resp: 4638

Ion Ratio Lower Upper

76 100

78 37.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 3.009 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079780.D

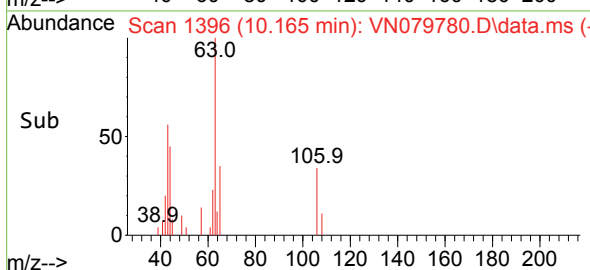
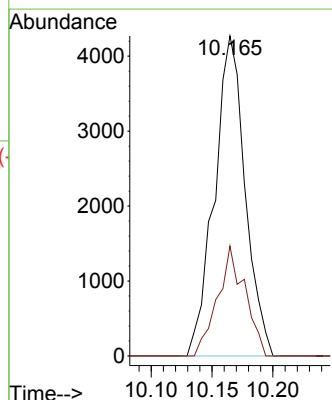
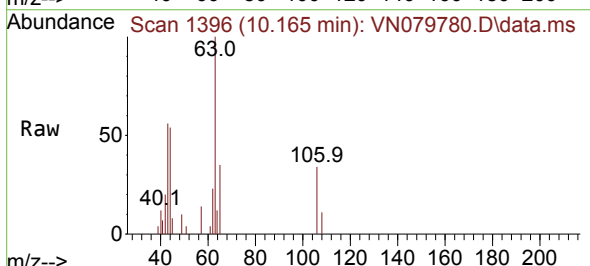
Acq: 01 Nov 2023 18:42

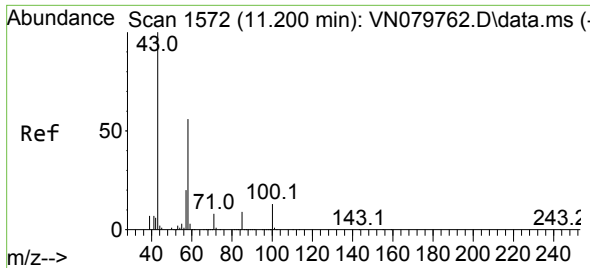
Tgt Ion: 63 Resp: 7498

Ion Ratio Lower Upper

63 100

106 30.7 26.2 39.4

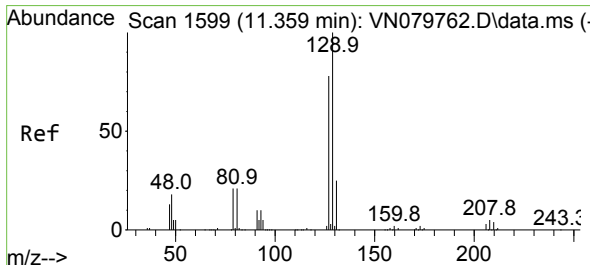
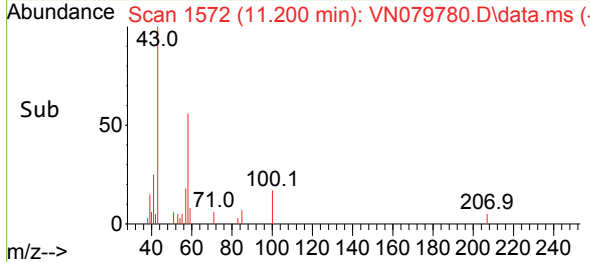
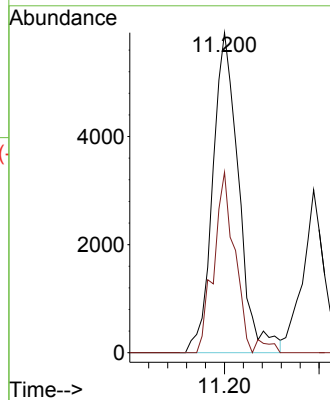
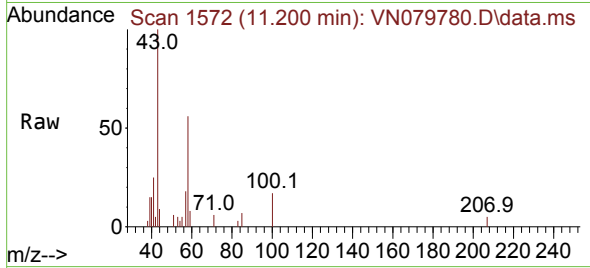




#59
2-Hexanone
Concen: 3.377 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

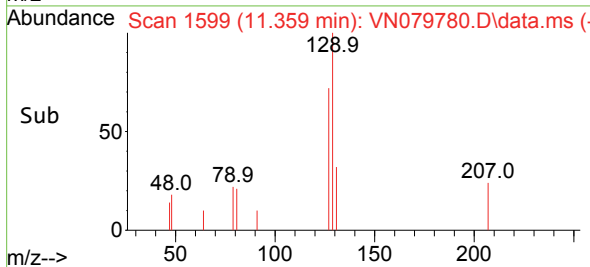
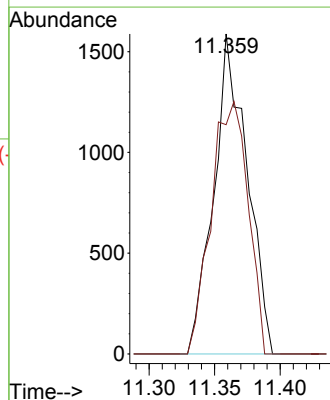
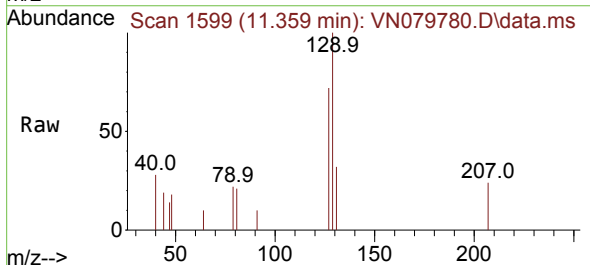
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 11288
Ion Ratio Lower Upper
43 100
58 44.9 31.7 95.1



#60
Dibromochloromethane
Concen: 0.760 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 129 Resp: 2805
Ion Ratio Lower Upper
129 100
127 87.5 38.6 116.0

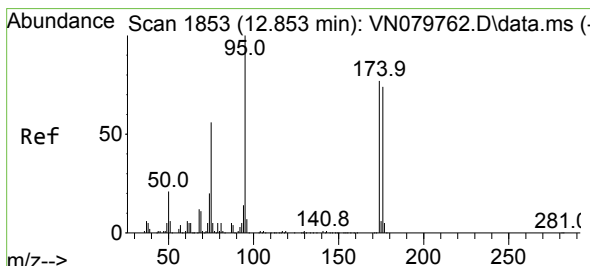
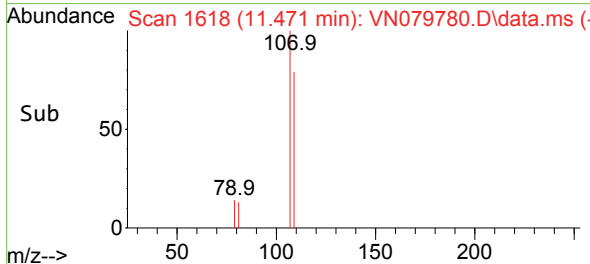
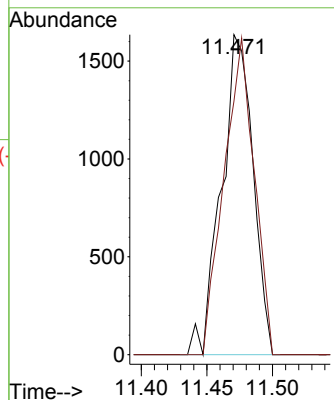
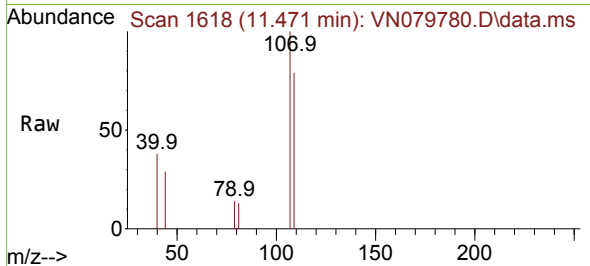




#61
1,2-Dibromoethane
Concen: 0.791 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

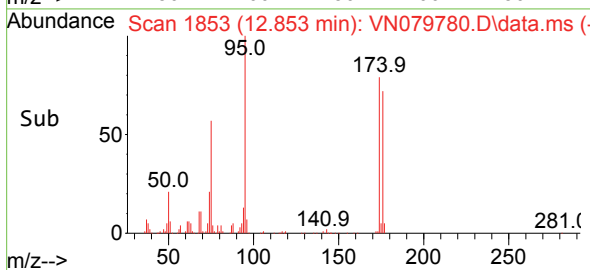
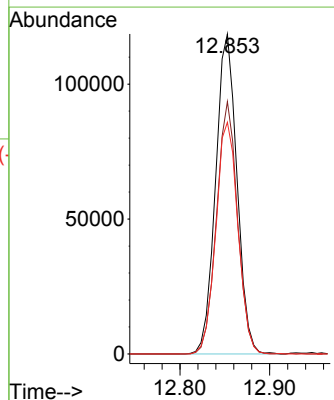
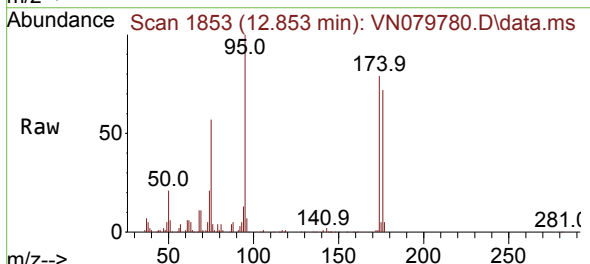
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

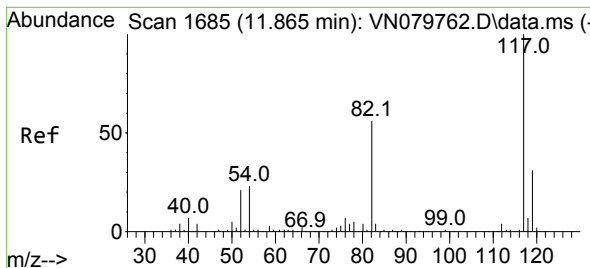
Tgt Ion:107 Resp: 2738
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 47.384 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 95 Resp: 195546
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 74.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

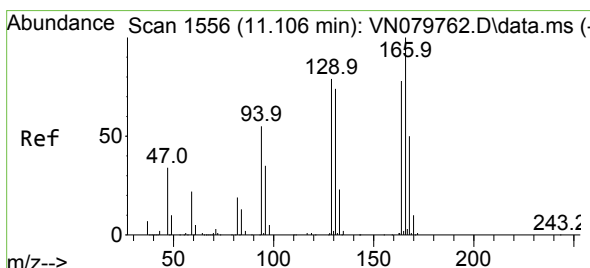
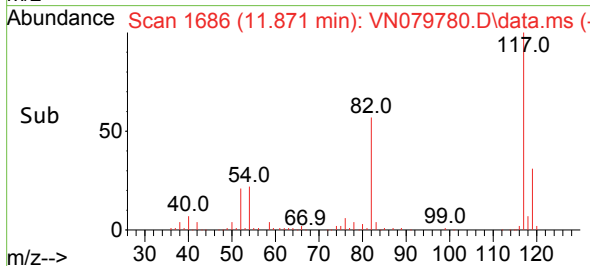
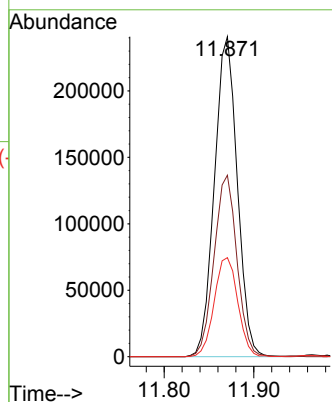
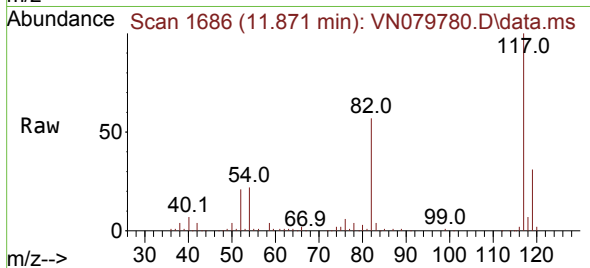
Tgt Ion:117 Resp: 426374

Ion Ratio Lower Upper

117 100

82 56.7 44.0 66.0

119 30.9 25.6 38.4



#64

Tetrachloroethene

Concen: 0.906 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Tgt Ion:164 Resp: 2501

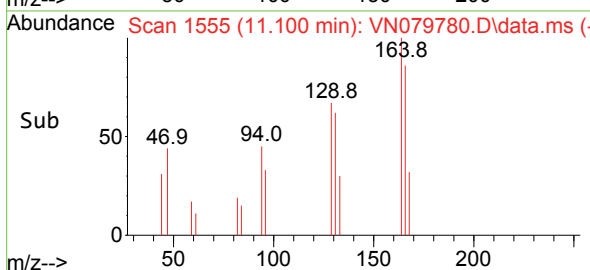
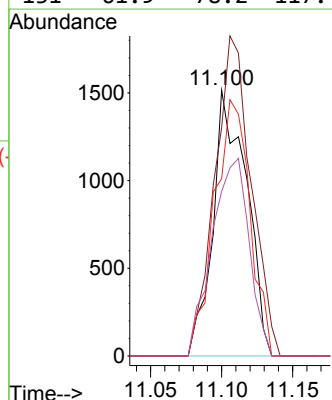
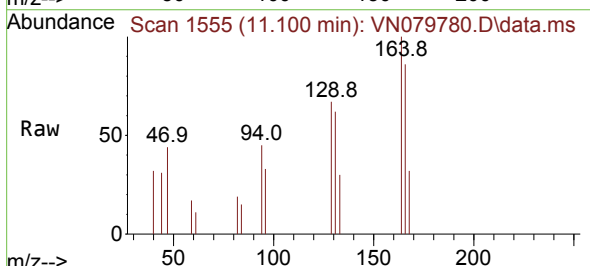
Ion Ratio Lower Upper

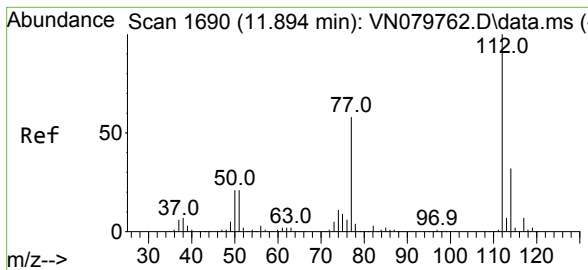
164 100

166 85.8 101.4 152.0#

129 66.7 82.4 123.6#

131 61.9 78.2 117.4#

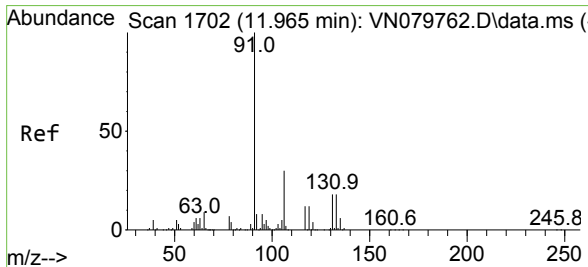
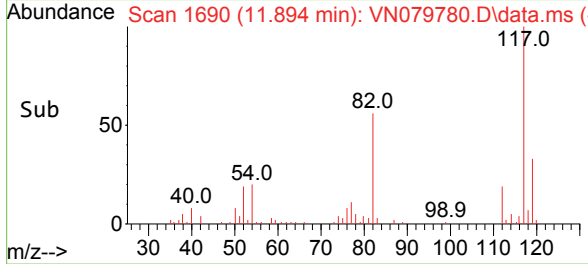
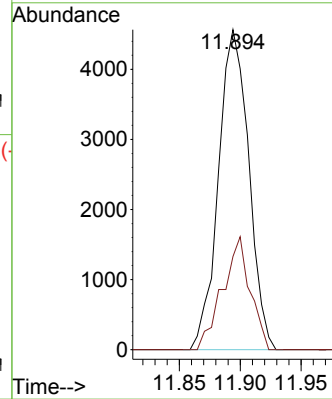
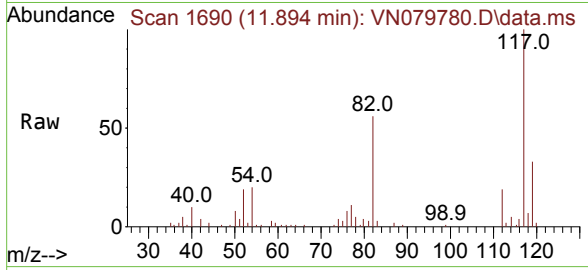




#65
Chlorobenzene
Concen: 0.855 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

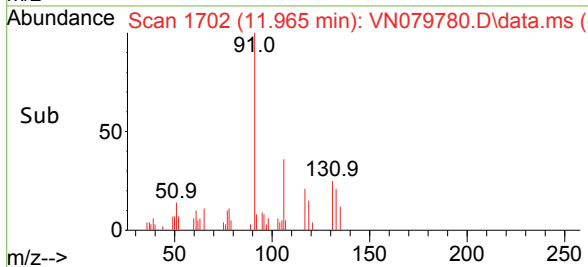
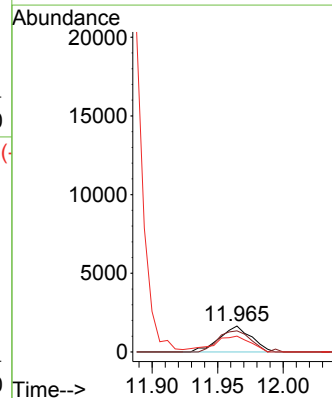
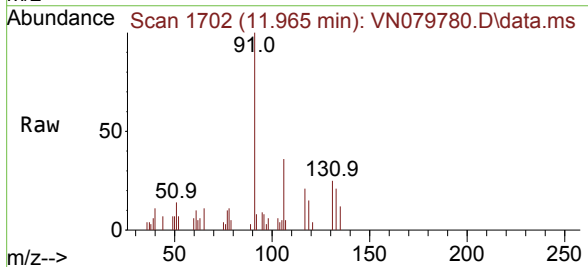
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

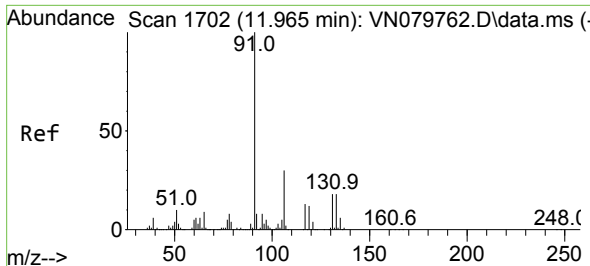
Tgt Ion:112 Resp: 7912
Ion Ratio Lower Upper
112 100
114 29.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.837 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion:131 Resp: 2789
Ion Ratio Lower Upper
131 100
133 85.7 46.4 139.1
119 0.0 34.1 102.2#

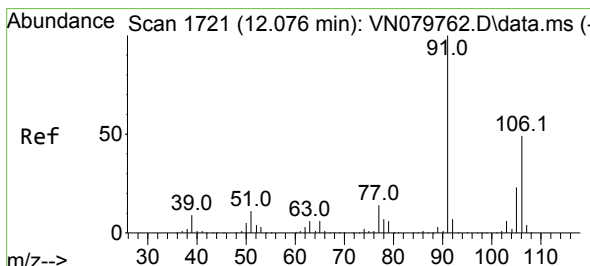
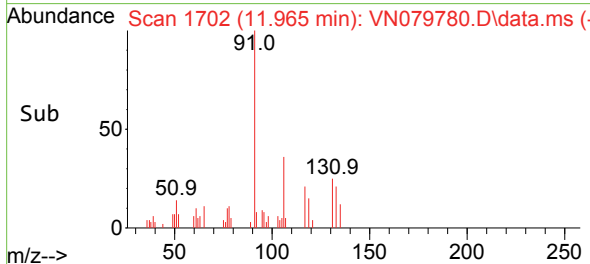
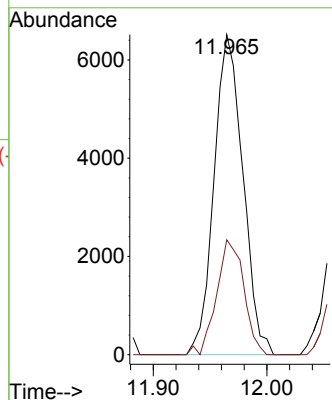
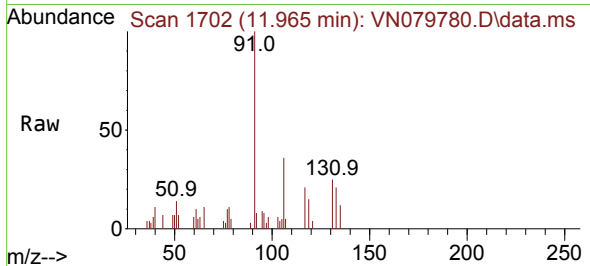




#67
Ethyl Benzene
Concen: 0.713 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

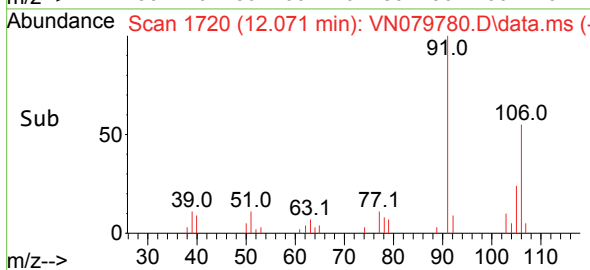
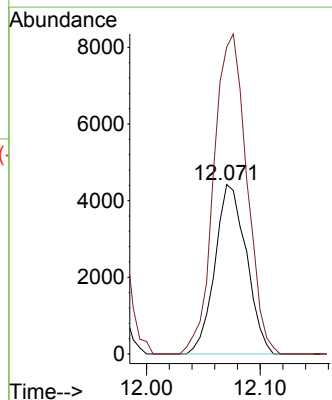
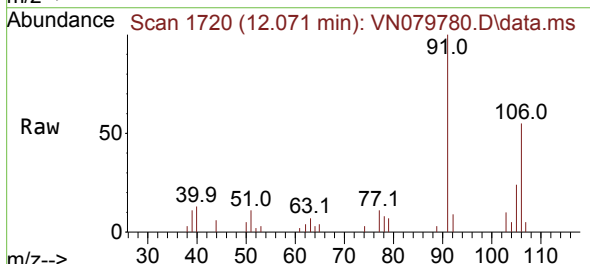
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

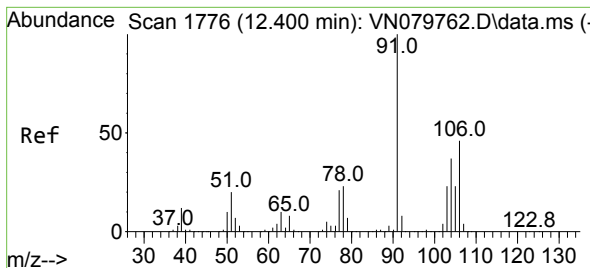
Tgt Ion: 91 Resp: 11488
Ion Ratio Lower Upper
91 100
106 35.9 25.6 38.4



#68
m/p-Xylenes
Concen: 1.415 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 106 Resp: 8495
Ion Ratio Lower Upper
106 100
91 198.0 159.6 239.4





#69

o-Xylene

Concen: 0.659 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

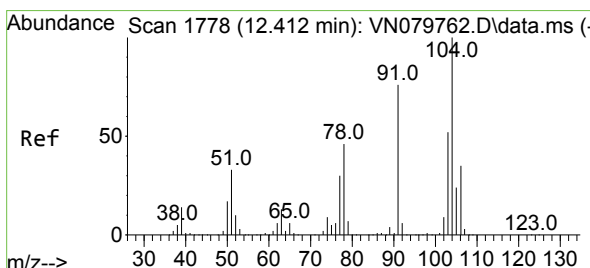
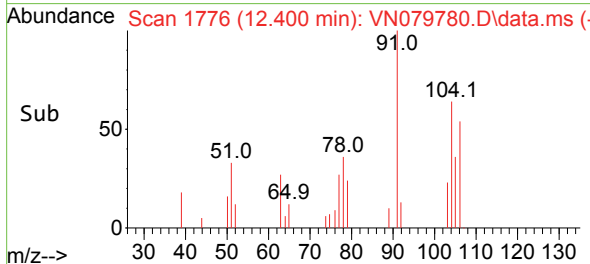
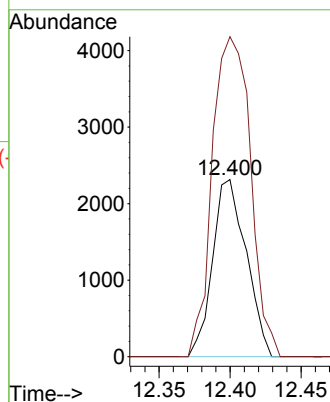
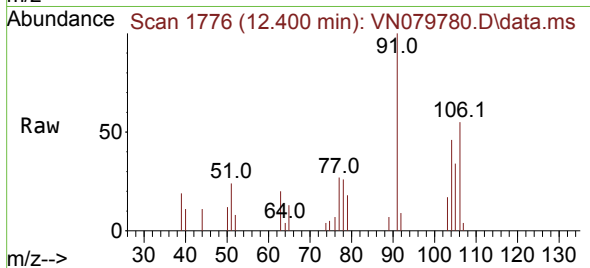
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:106 Resp: 3810

Ion Ratio Lower Upper

106 100

91 205.5 105.2 315.5



#70

Styrene

Concen: 0.606 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

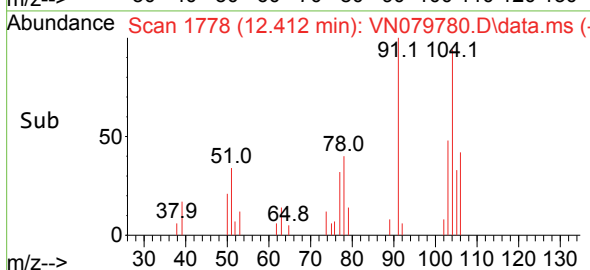
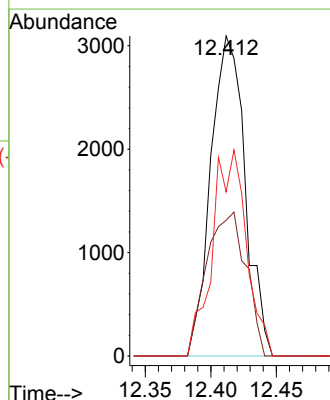
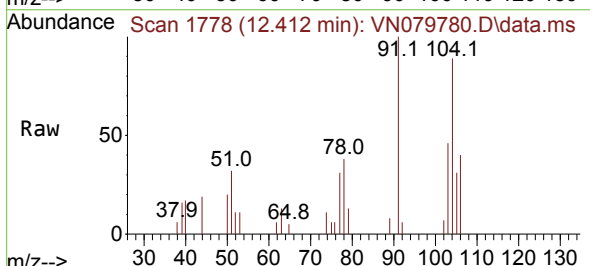
Tgt Ion:104 Resp: 5633

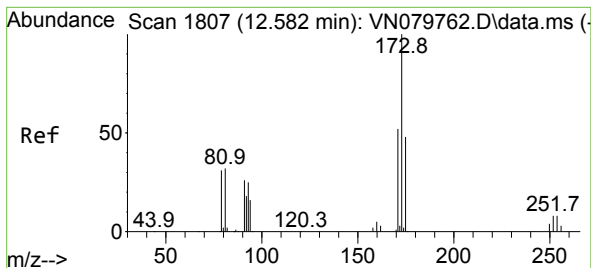
Ion Ratio Lower Upper

104 100

78 51.6 39.5 59.3

103 63.7 43.2 64.8





#71

Bromoform

Concen: 0.616 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN079780.D

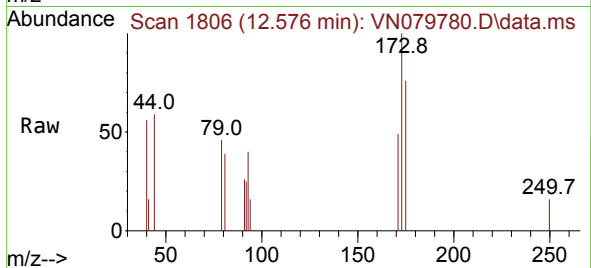
Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



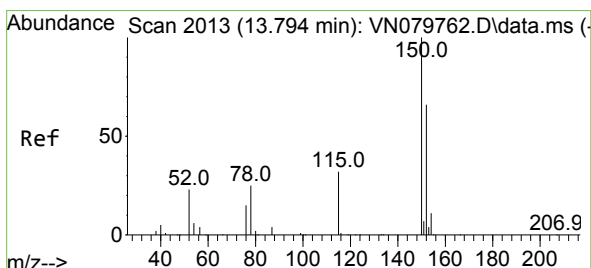
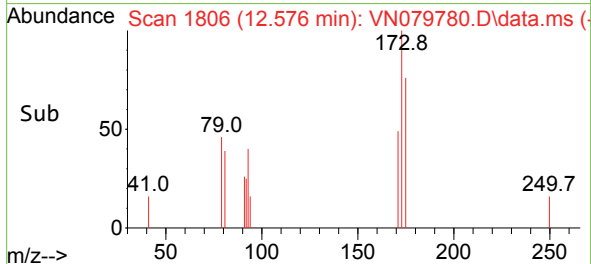
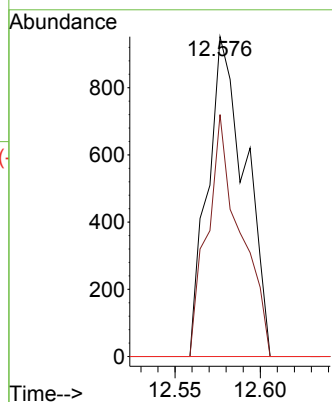
Tgt Ion:173 Resp: 1457

Ion Ratio Lower Upper

173 100

175 66.3 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

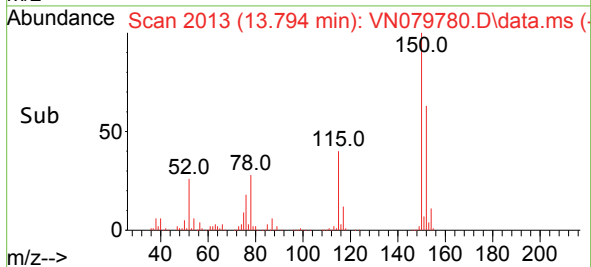
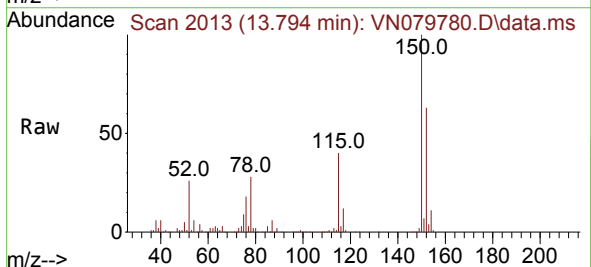
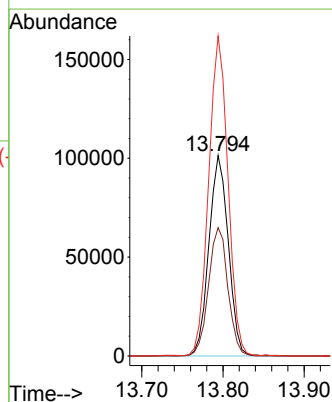
Tgt Ion:152 Resp: 167948

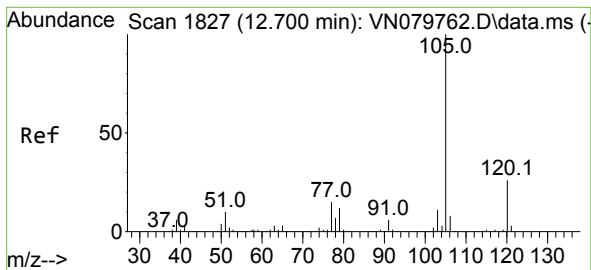
Ion Ratio Lower Upper

152 100

115 64.0 32.3 96.8

150 158.1 0.0 355.8





#73

Isopropylbenzene

Concen: 0.672 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

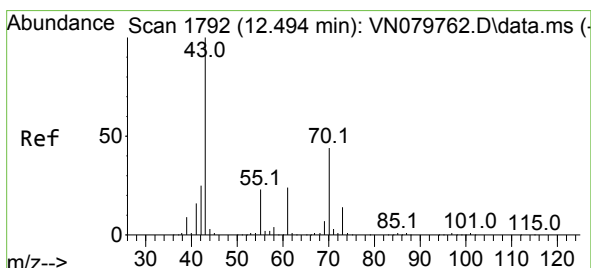
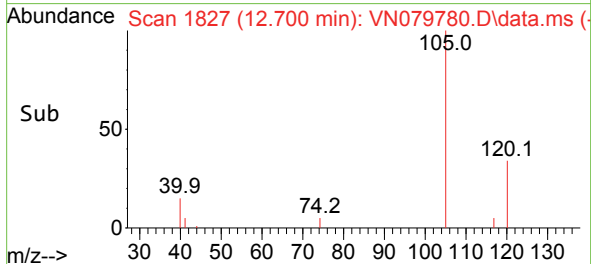
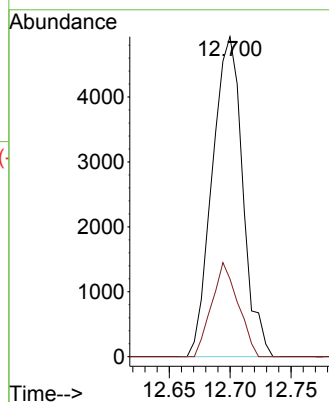
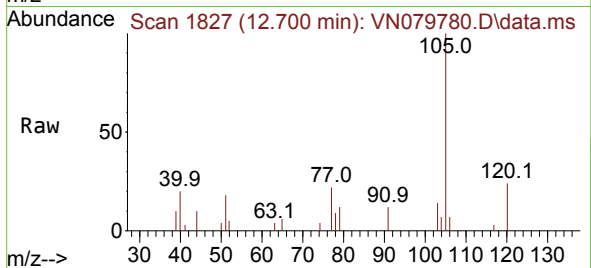
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:105 Resp: 8567

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 0.642 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Tgt Ion: 43 Resp: 3570

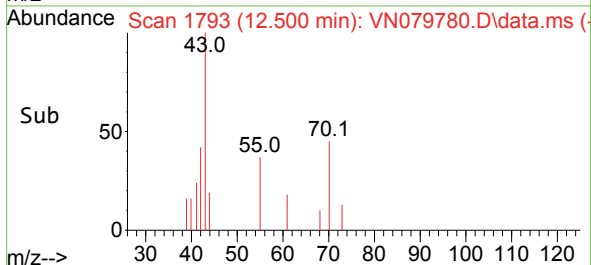
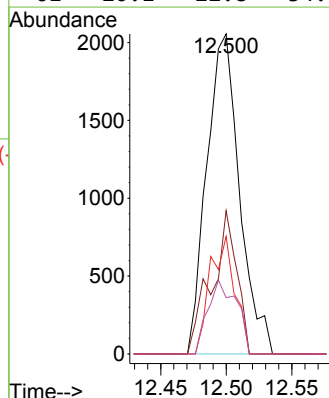
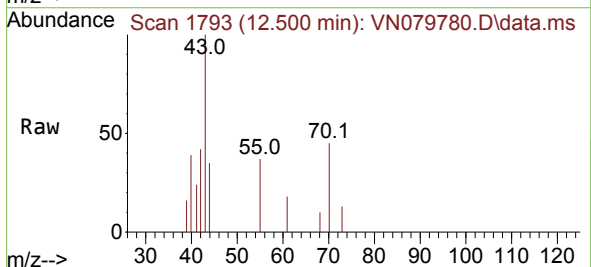
Ion Ratio Lower Upper

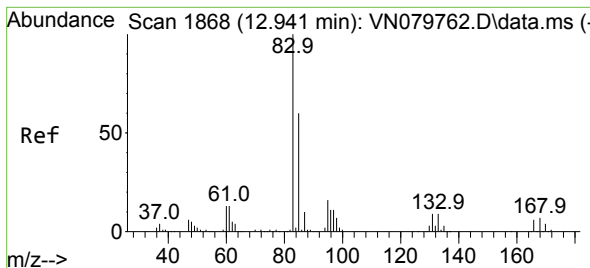
43 100

70 34.4 43.4 65.2#

55 27.8 21.4 32.0

61 20.1 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.869 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

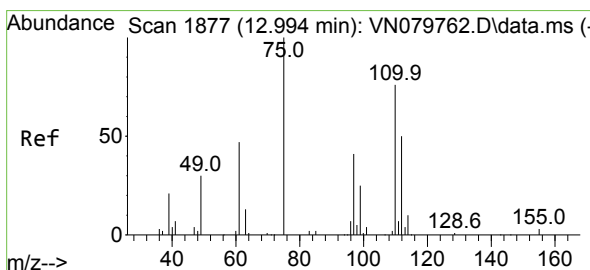
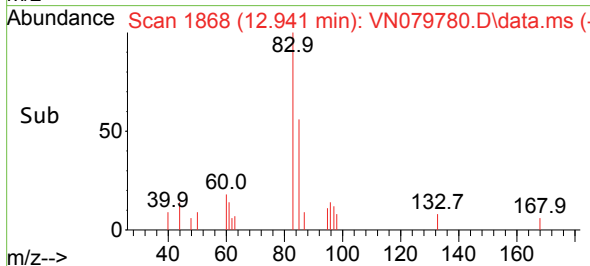
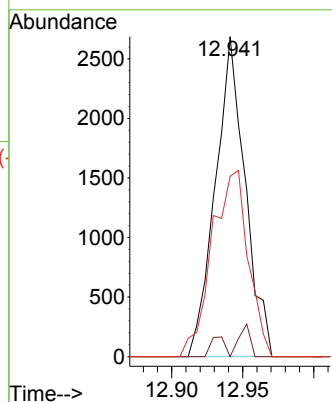
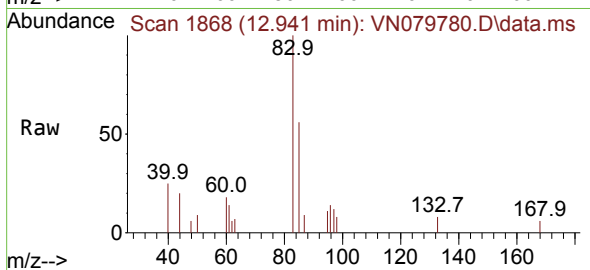
Tgt Ion: 83 Resp: 3929

Ion Ratio Lower Upper

83 100

131 3.8 5.0 15.0#

85 70.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 1.134 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079780.D

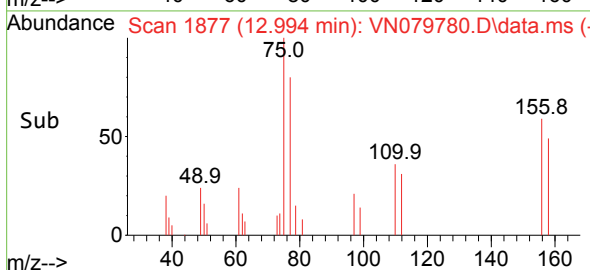
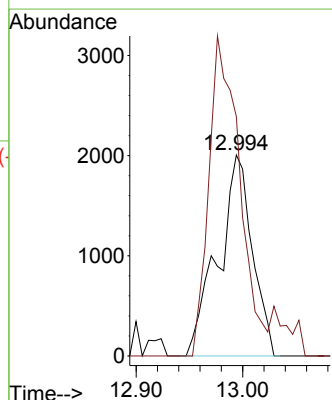
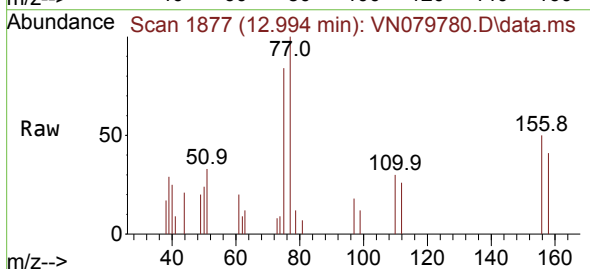
Acq: 01 Nov 2023 18:42

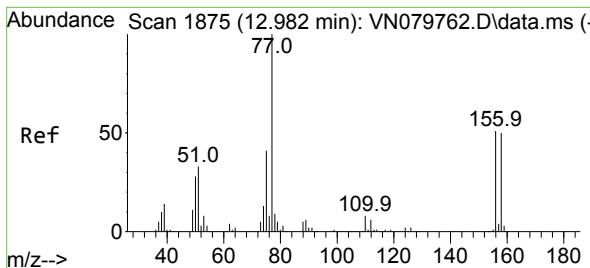
Tgt Ion: 75 Resp: 4470

Ion Ratio Lower Upper

75 100

77 143.2 84.5 253.5





#77

Bromobenzene

Concen: 0.967 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

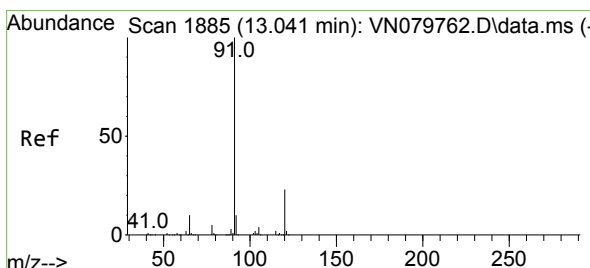
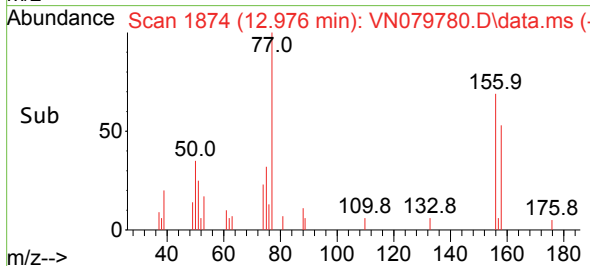
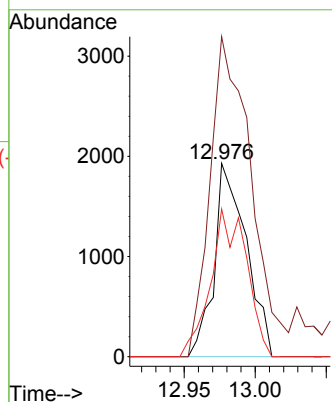
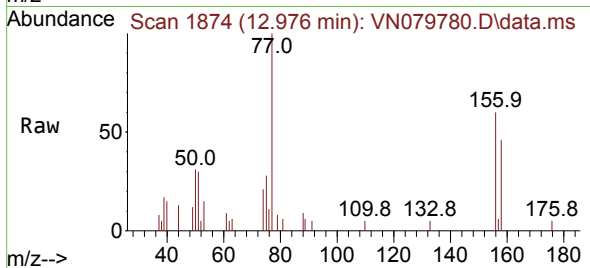
Tgt Ion:156 Resp: 3019

Ion Ratio Lower Upper

156 100

77 212.1 107.7 323.3

158 86.0 48.4 145.3



#78

n-propylbenzene

Concen: 0.775 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079780.D

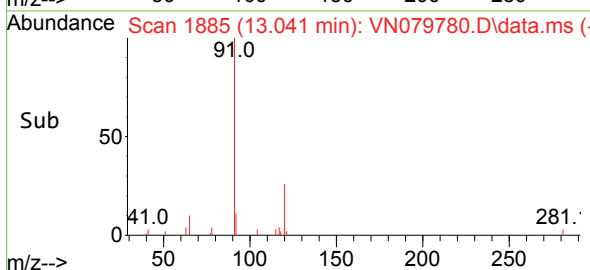
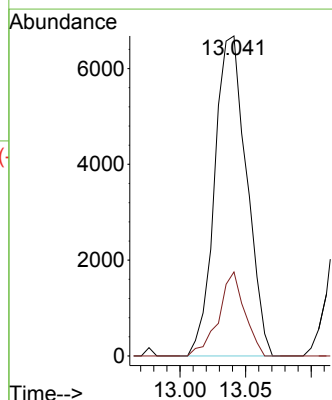
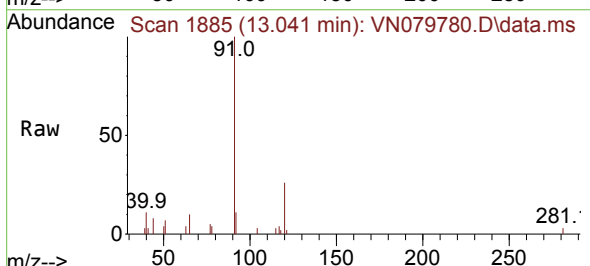
Acq: 01 Nov 2023 18:42

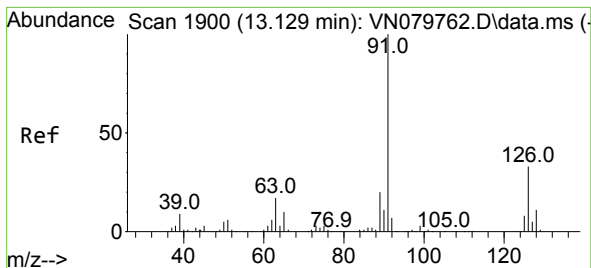
Tgt Ion: 91 Resp: 11310

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.828 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

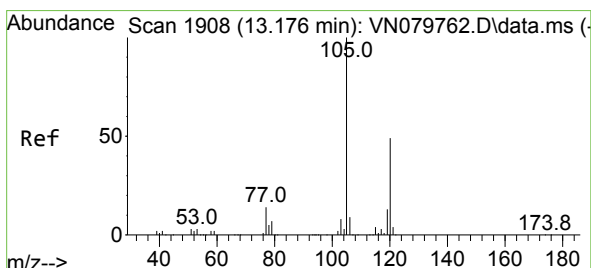
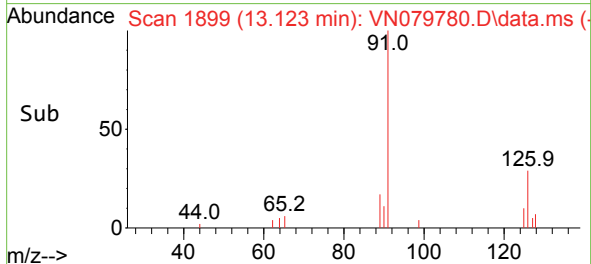
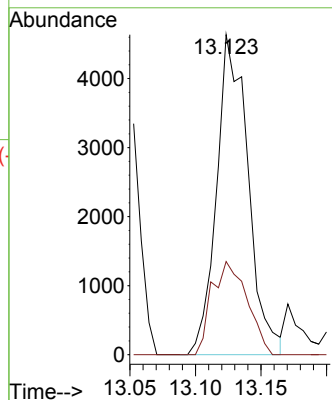
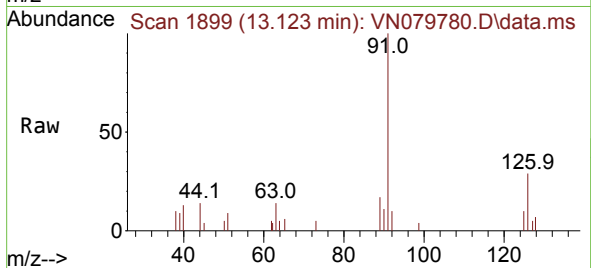
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 91 Resp: 7717

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.699 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079780.D

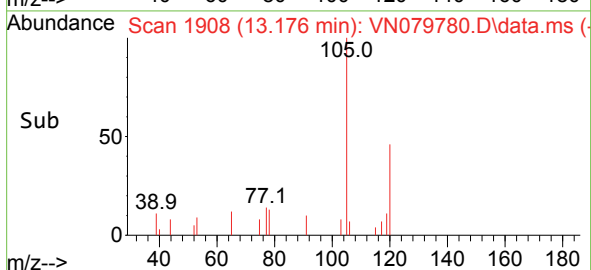
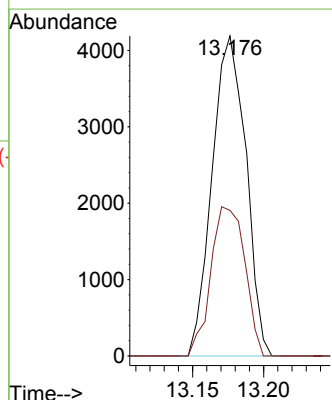
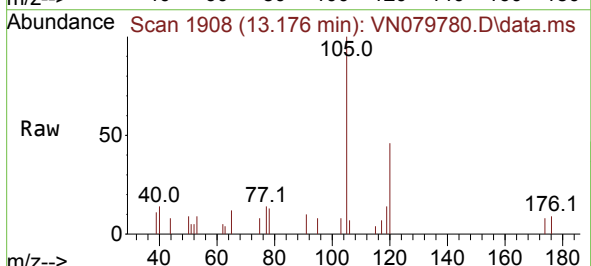
Acq: 01 Nov 2023 18:42

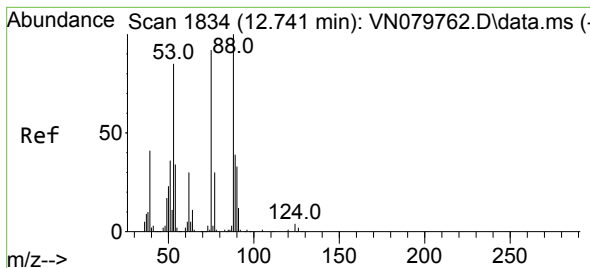
Tgt Ion:105 Resp: 6936

Ion Ratio Lower Upper

105 100

120 46.9 24.1 72.3

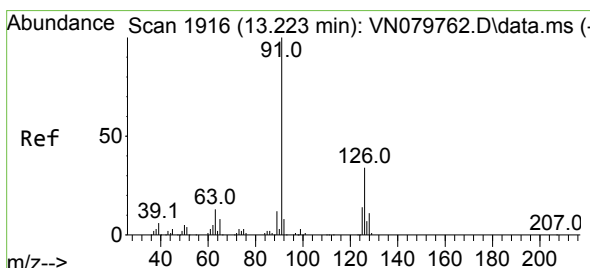
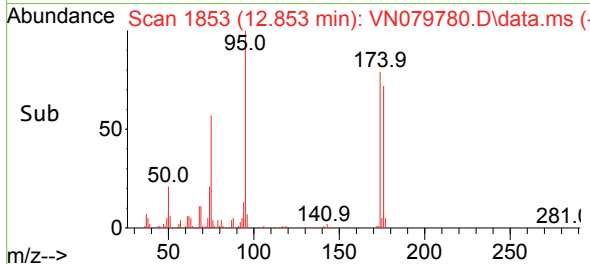
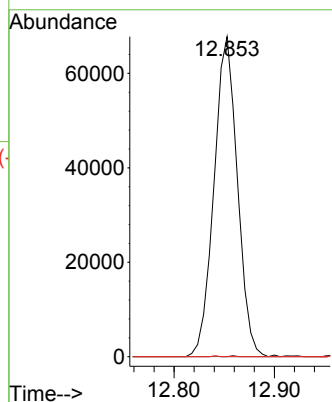
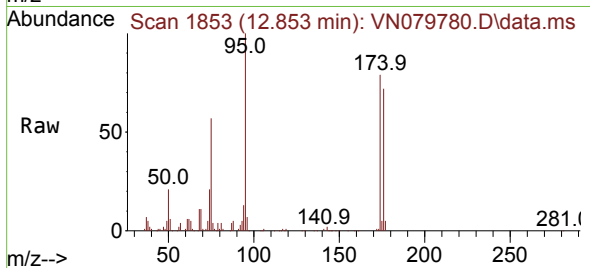




#81
trans-1,4-Dichloro-2-butene
Concen: 75.645 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

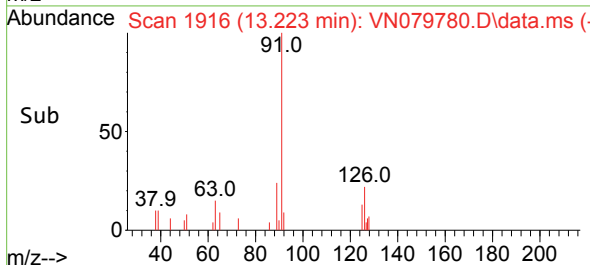
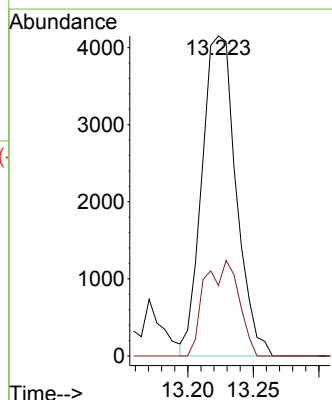
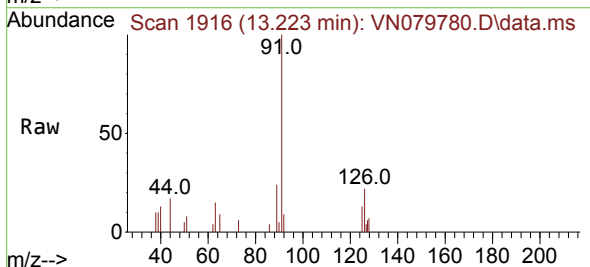
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

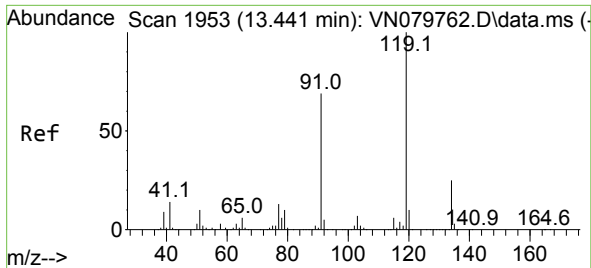
Tgt Ion: 75 Resp: 109625
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.813 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 91 Resp: 7535
Ion Ratio Lower Upper
91 100
126 29.8 16.7 50.0

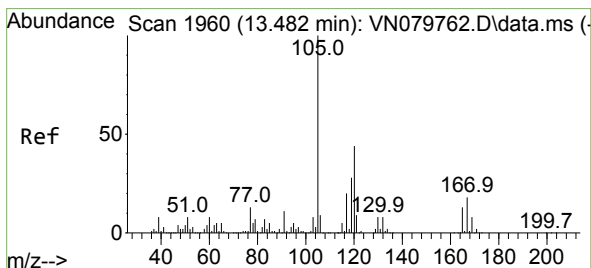
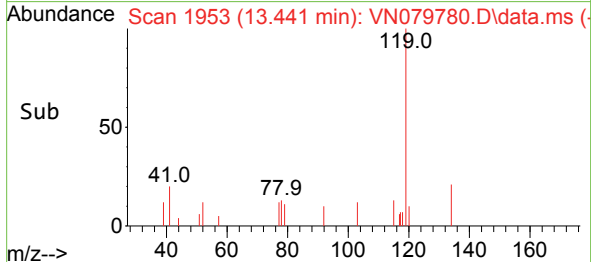
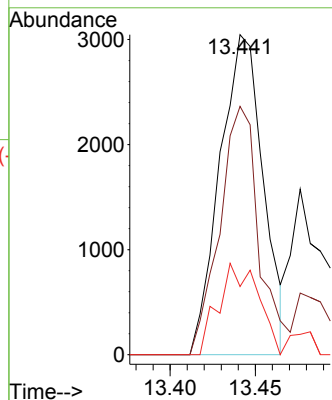
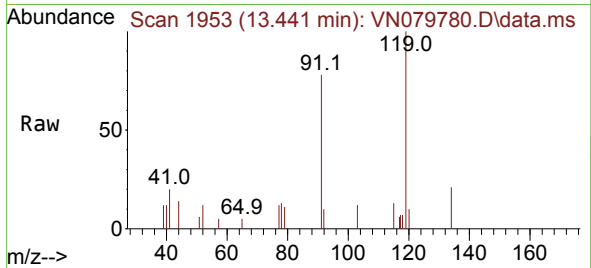




#83
tert-Butylbenzene
Concen: 0.665 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

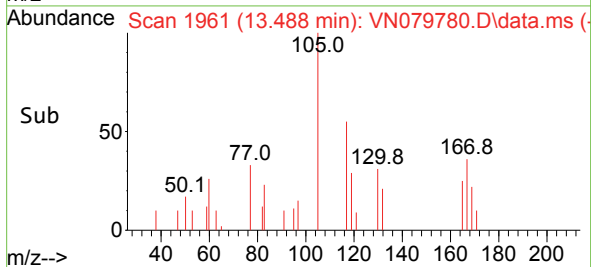
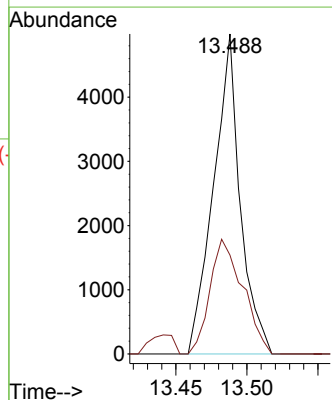
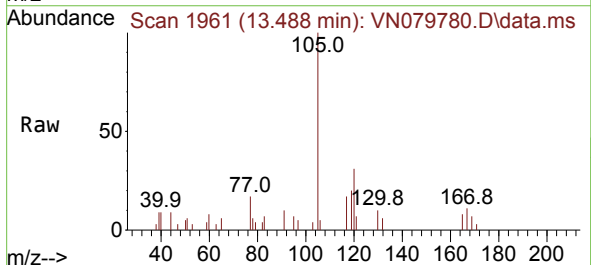
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

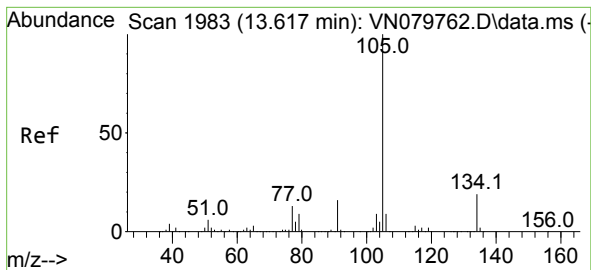
Tgt Ion:119 Resp: 5400
Ion Ratio Lower Upper
119 100
91 70.4 33.9 101.7
134 26.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.666 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion:105 Resp: 6502
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.646 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

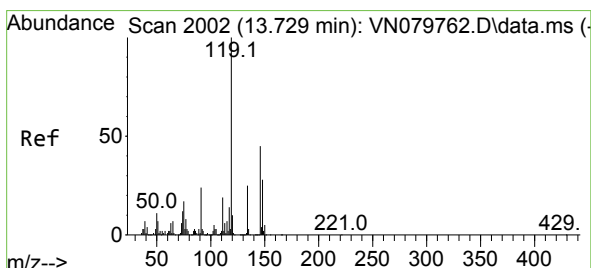
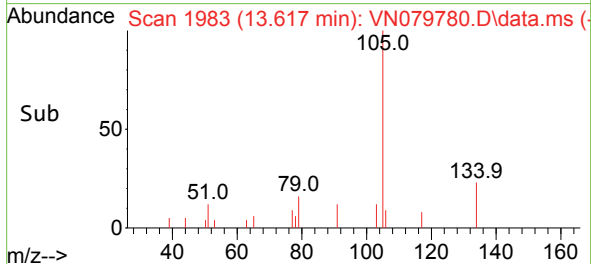
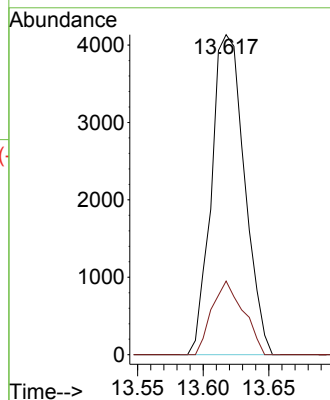
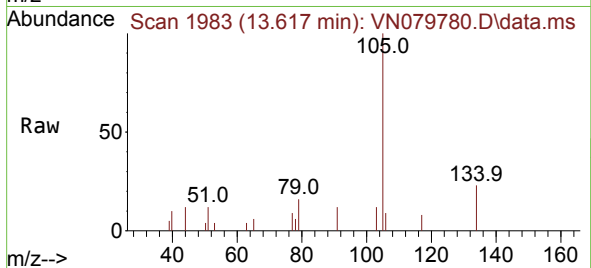
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:105 Resp: 7265

Ion Ratio Lower Upper

105 100

134 22.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.562 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

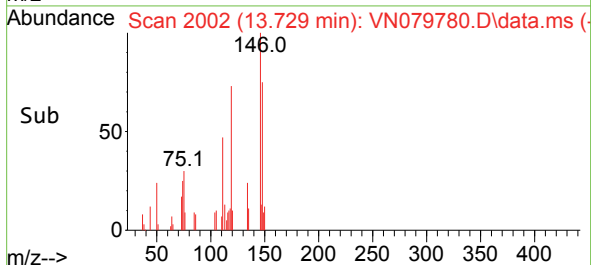
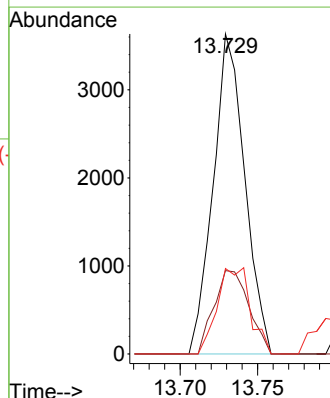
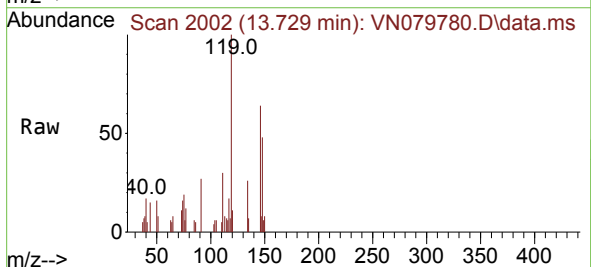
Tgt Ion:119 Resp: 5149

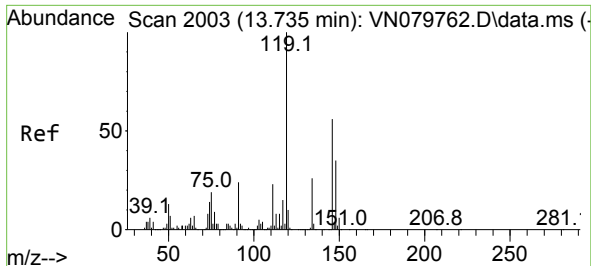
Ion Ratio Lower Upper

119 100

134 28.8 12.6 37.8

91 28.2 12.4 37.2

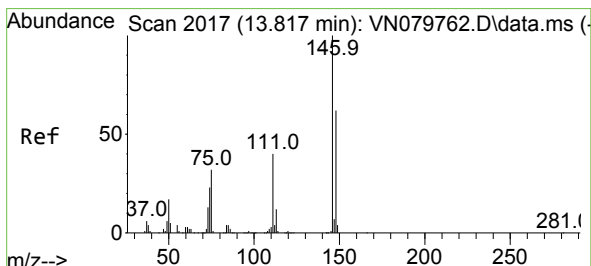
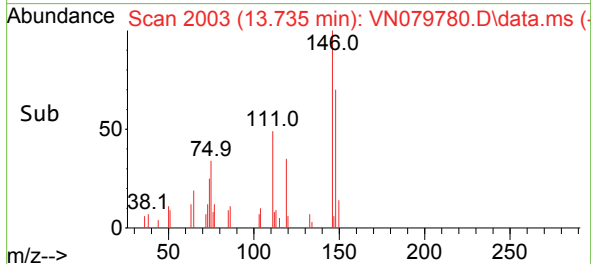
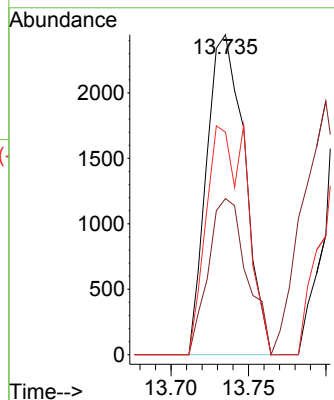
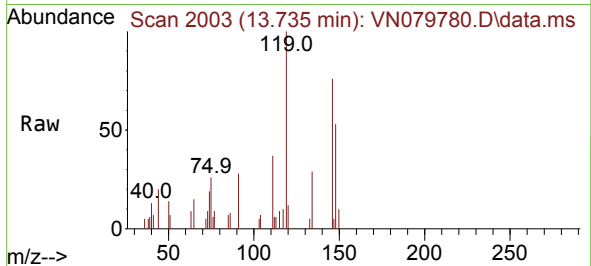




#87
1,3-Dichlorobenzene
Concen: 0.716 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

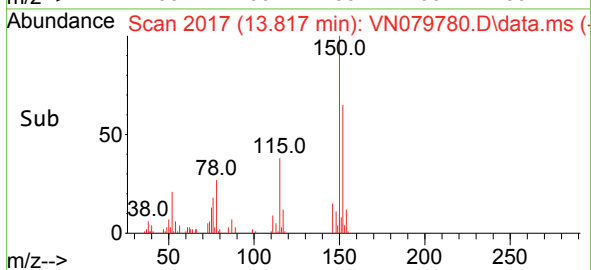
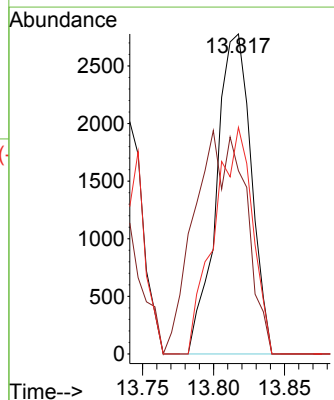
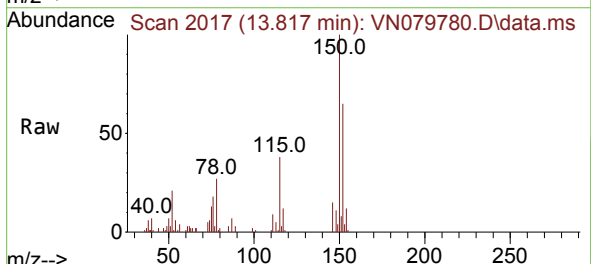
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

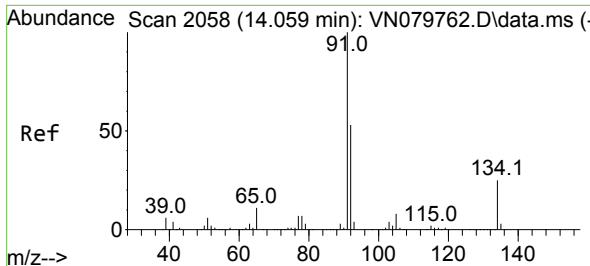
Tgt Ion:146 Resp: 4158
Ion Ratio Lower Upper
146 100
111 49.7 22.1 66.3
148 77.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.806 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion:146 Resp: 4747
Ion Ratio Lower Upper
146 100
111 59.6 20.6 61.8
148 77.8 31.6 94.8

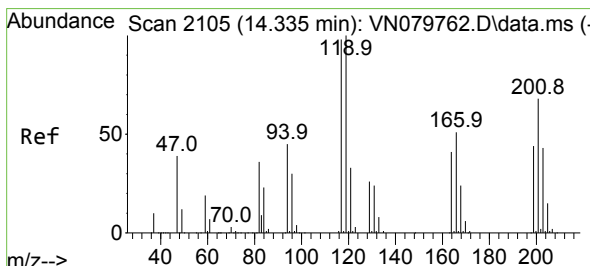
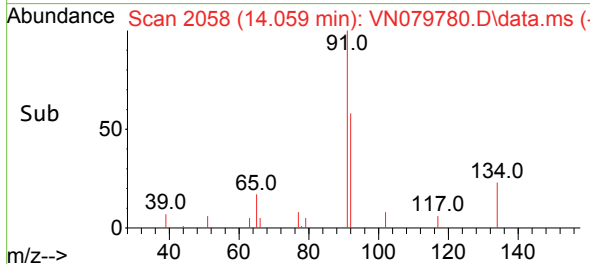
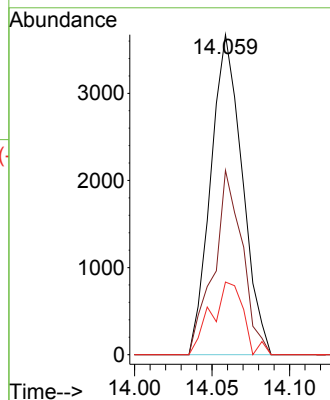
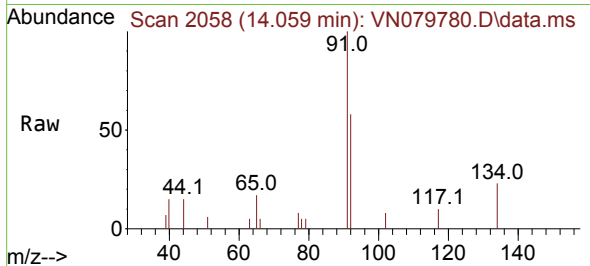




#89
n-Butylbenzene
Concen: 0.657 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

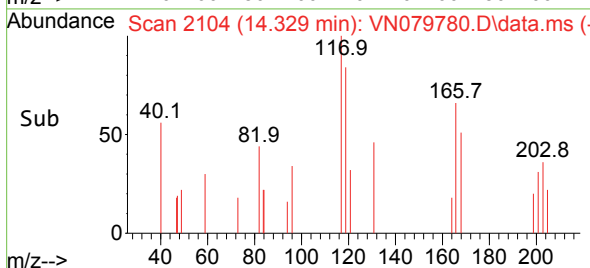
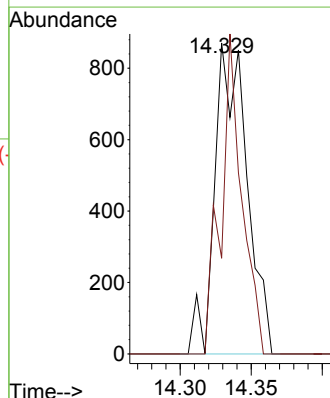
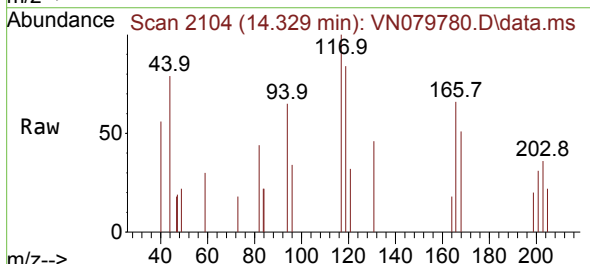
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

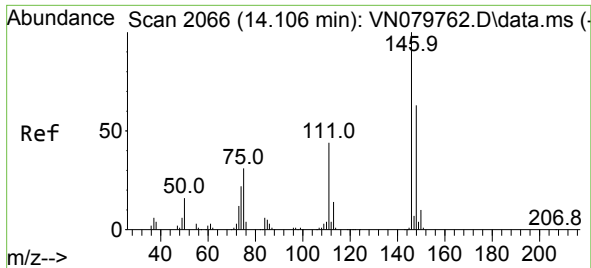
Tgt Ion: 91	Resp: 5187
Ion Ratio	Lower Upper
91	100
92	52.3 26.4 79.0
134	23.2 12.6 37.6



#90
Hexachloroethane
Concen: 0.757 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion: 117	Resp: 1375
Ion Ratio	Lower Upper
117	100
201	66.7 29.3 88.0

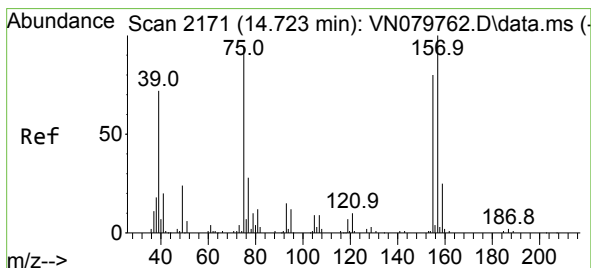
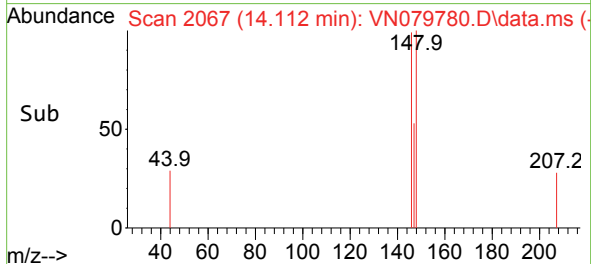
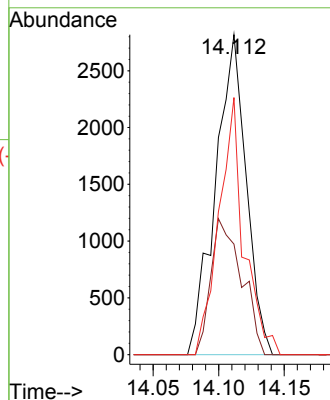
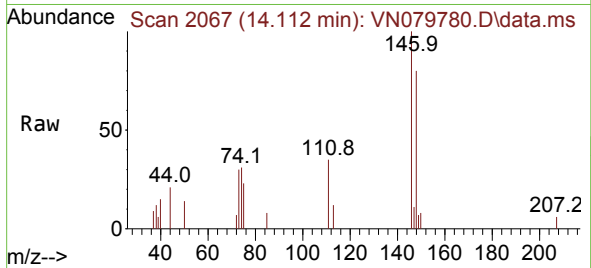




#91
1,2-Dichlorobenzene
Concen: 0.838 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

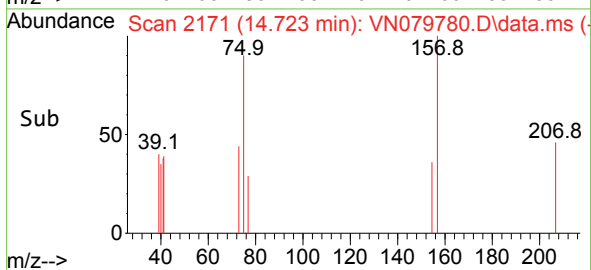
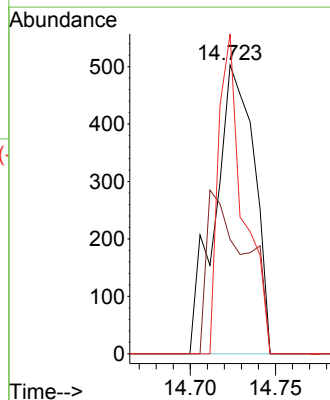
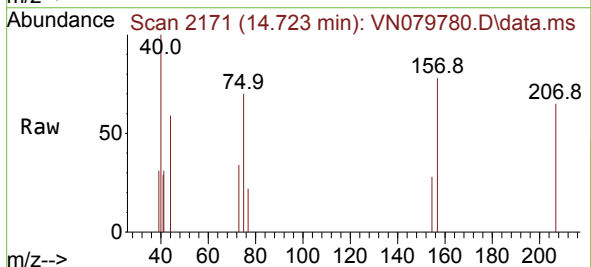
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

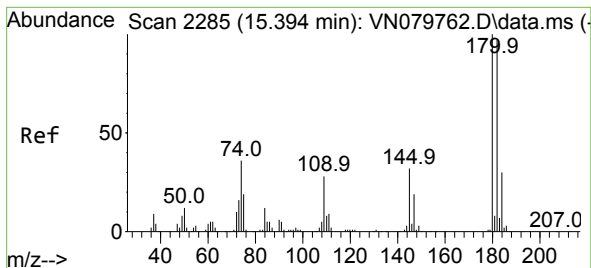
Tgt Ion:	146	Resp:	4594
Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.0	66.0
148	65.5	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.046 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079780.D
Acq: 01 Nov 2023 18:42

Tgt Ion:	75	Resp:	802
Ion	Ratio	Lower	Upper
75	100		
155	56.5	39.1	117.2
157	70.9	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 0.796 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079780.D

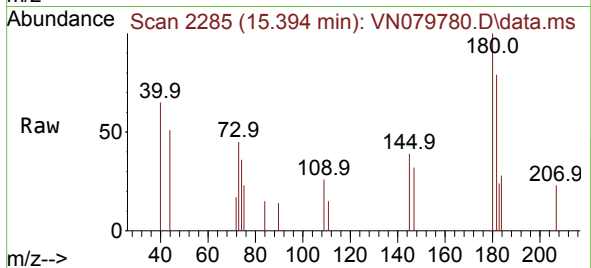
Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



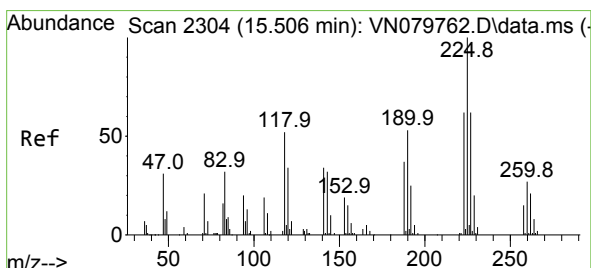
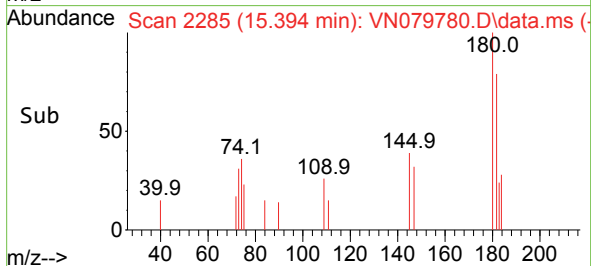
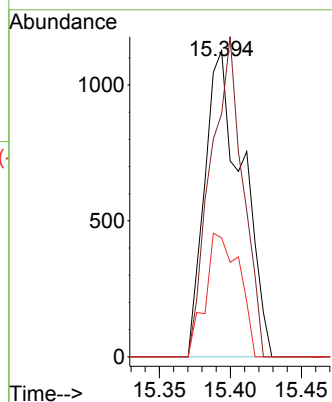
Tgt Ion:180 Resp: 2075

Ion Ratio Lower Upper

180 100

182 89.3 46.1 138.2

145 36.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.819 ug/l

RT: 15.517 min Scan# 2306

Delta R.T. 0.012 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

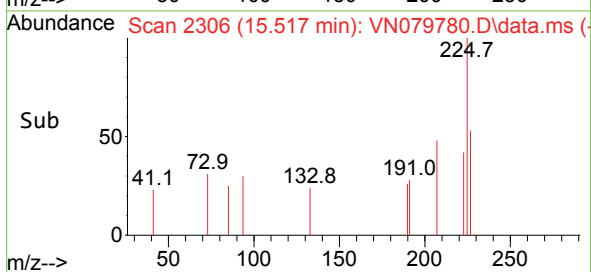
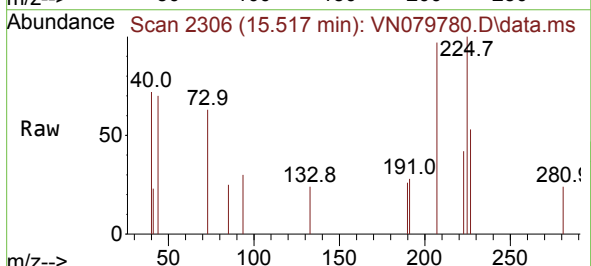
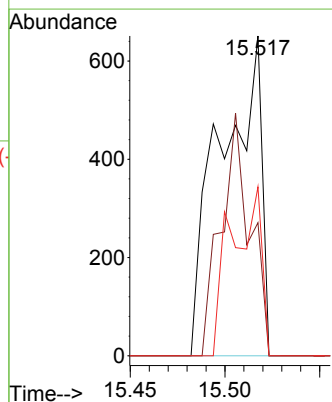
Tgt Ion:225 Resp: 968

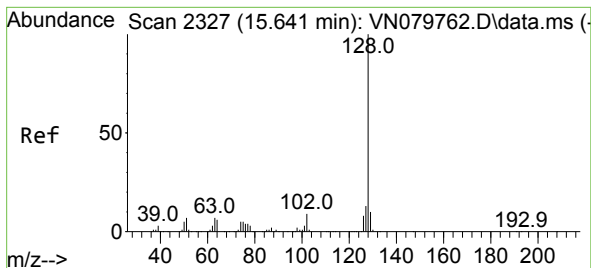
Ion Ratio Lower Upper

225 100

223 54.3 31.3 93.8

227 39.2 31.9 95.9





#95

Naphthalene

Concen: 0.714 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

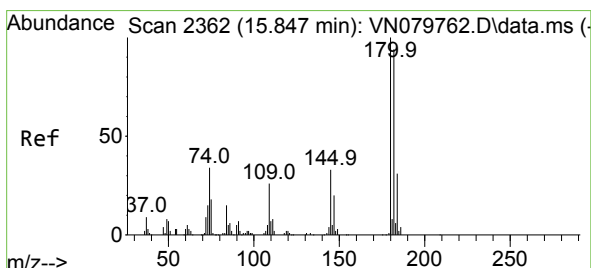
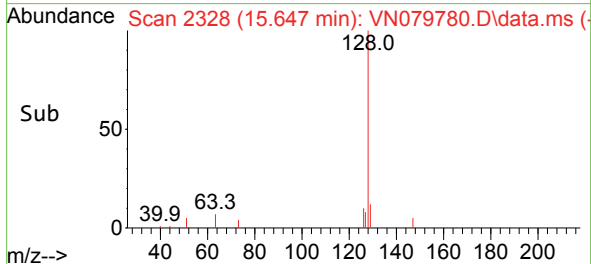
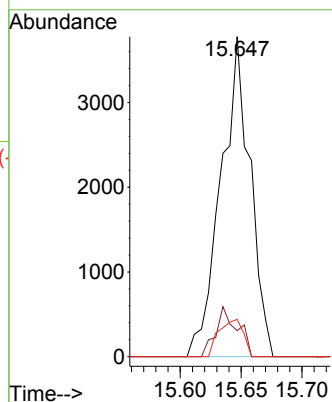
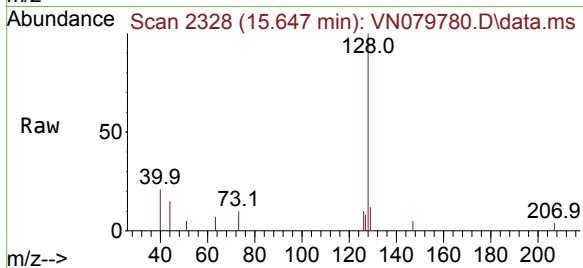
Tgt Ion:128 Resp: 6307

Ion Ratio Lower Upper

128 100

127 11.7 10.0 15.0

129 9.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.727 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079780.D

Acq: 01 Nov 2023 18:42

Tgt Ion:180 Resp: 1856

Ion Ratio Lower Upper

180 100

182 90.9 46.2 138.6

145 33.7 17.5 52.6

