

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079779.D
 Acq On : 01 Nov 2023 18:19
 Operator : JC\MD
 Sample : 04699-07 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Nov 02 06:47:13 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	8.230	168	271329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	498356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	439100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	233188	56.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.820%	
35) Dibromofluoromethane	8.171	113	181445	51.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.880%	
50) Toluene-d8	10.571	98	634482	48.864	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	12.853	95	190328	44.197	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	1686	0.516	ug/l	92
3) Chloromethane	2.359	50	4308	0.949	ug/l	89
4) Vinyl Chloride	2.518	62	2421	0.566	ug/l #	46
5) Bromomethane	2.959	94	2638	1.015	ug/l #	74
6) Chloroethane	3.201	64	4030	1.192	ug/l #	43
7) Trichlorofluoromethane	3.501	101	3214	0.604	ug/l #	84
8) Diethyl Ether	3.977	74	877	0.434	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.359	101	586	0.190	ug/l #	1
10) Methyl Iodide	4.577	142	2199	0.624	ug/l #	91
11) Tert butyl alcohol	5.506	59	820	1.554	ug/l #	72
12) 1,1-Dichloroethene	4.336	96	1520	0.520	ug/l #	87
13) Acrolein	4.183	56	551	1.277	ug/l #	64
14) Allyl chloride	5.024	41	2544	0.569	ug/l #	33
15) Acrylonitrile	5.724	53	4259	2.590	ug/l	97
16) Acetone	4.453	43	5079	3.498	ug/l #	80
17) Carbon Disulfide	4.706	76	5249	0.623	ug/l	98
18) Methyl Acetate	5.030	43	2782	0.400	ug/l #	72
19) Methyl tert-butyl Ether	5.789	73	2681	0.267	ug/l #	89
20) Methylene Chloride	5.277	84	2632	0.718	ug/l #	84
21) trans-1,2-Dichloroethene	5.777	96	2180	0.669	ug/l #	80
22) Diisopropyl ether	6.677	45	5472	0.528	ug/l #	82
23) Vinyl Acetate	6.612	43	13726	2.400	ug/l #	86
24) 1,1-Dichloroethane	6.559	63	3543	0.562	ug/l #	81
25) 2-Butanone	7.500	43	5426	2.552	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	2558	0.491	ug/l	94
27) cis-1,2-Dichloroethene	7.494	96	2037	0.523	ug/l	68
28) Bromochloromethane	7.818	49	1254	0.408	ug/l #	57
29) Tetrahydrofuran	7.853	42	3784	2.735	ug/l #	73
30) Chloroform	7.965	83	4941	0.722	ug/l	91
31) Cyclohexane	8.224	56	9626	1.762	ug/l #	34
32) 1,1,1-Trichloroethane	8.177	97	2925	0.525	ug/l #	52
36) 1,1-Dichloropropene	8.377	75	2783	0.553	ug/l	86
37) Ethyl Acetate	7.577	43	3139	0.680	ug/l #	74
38) Carbon Tetrachloride	8.353	117	2530	0.498	ug/l #	89
39) Methylcyclohexane	9.606	83	2328	0.491	ug/l #	88
40) Benzene	8.612	78	8594	0.570	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	1176	0.479	ug/l #	64
42) 1,2-Dichloroethane	8.683	62	3625	0.688	ug/l #	73
43) Isopropyl Acetate	8.694	43	3311	0.409	ug/l	96
44) Trichloroethene	9.365	130	2071	0.553	ug/l	53
45) 1,2-Dichloropropane	9.630	63	2123	0.551	ug/l	89
46) Dibromomethane	9.718	93	1536	0.584	ug/l	87
47) Bromodichloromethane	9.894	83	3620	0.645	ug/l #	87
48) Methyl methacrylate	9.700	41	1610	0.454	ug/l #	79
49) 1,4-Dioxane	9.712	88	674	10.751	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	10238	2.245	ug/l	95
52) Toluene	10.635	92	5356	0.599	ug/l	89
53) t-1,3-Dichloropropene	10.835	75	2362	0.429	ug/l #	83
54) cis-1,3-Dichloropropene	10.318	75	2790	0.465	ug/l #	82
55) 1,1,2-Trichloroethane	11.024	97	1973	0.549	ug/l	89
56) Ethyl methacrylate	10.882	69	2003	0.390	ug/l #	62
57) 1,3-Dichloropropane	11.171	76	3277	0.517	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	5568	2.141	ug/l	94
59) 2-Hexanone	11.200	43	7747	2.221	ug/l	79
60) Dibromochloromethane	11.365	129	2079	0.540	ug/l	96
61) 1,2-Dibromoethane	11.477	107	1755	0.486	ug/l	99
64) Tetrachloroethene	11.112	164	1988	0.699	ug/l #	60
65) Chlorobenzene	11.894	112	5130	0.539	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	1911	0.557	ug/l #	57
67) Ethyl Benzene	11.965	91	7880	0.475	ug/l #	87
68) m/p-Xylenes	12.076	106	4815	0.779	ug/l	82
69) o-Xylene	12.400	106	2454	0.412	ug/l	79
70) Styrene	12.418	104	3845	0.402	ug/l #	89
71) Bromoform	12.582	173	1223	0.502	ug/l #	91
73) Isopropylbenzene	12.700	105	5448	0.423	ug/l	91
74) N-amyl acetate	12.500	43	2483	0.442	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.935	83	2976	0.652	ug/l	94
76) 1,2,3-Trichloropropane	12.994	75	3844	0.966	ug/l	61
77) Bromobenzene	12.988	156	1741	0.553	ug/l	81
78) n-propylbenzene	13.035	91	7107	0.482	ug/l	98
79) 2-Chlorotoluene	13.129	91	5481	0.582	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	4136	0.413	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.853	75	107666	73.595	ug/l #	15
82) 4-Chlorotoluene	13.229	91	4227	0.452	ug/l	93
83) tert-Butylbenzene	13.441	119	4123	0.503	ug/l	84
84) 1,2,4-Trimethylbenzene	13.488	105	3843	0.390	ug/l	96
85) sec-Butylbenzene	13.618	105	4609	0.406	ug/l	97
86) p-Isopropyltoluene	13.735	119	3267	0.353	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	2962	0.505	ug/l	95
88) 1,4-Dichlorobenzene	13.741	146	2962	0.498	ug/l	93
89) n-Butylbenzene	14.059	91	2982	0.374	ug/l	95
90) Hexachloroethane	14.329	117	1038	0.566	ug/l	100
91) 1,2-Dichlorobenzene	14.112	146	3358	0.607	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.723	75	451	0.583	ug/l	82
93) 1,2,4-Trichlorobenzene	15.388	180	1199	0.456	ug/l #	81
94) Hexachlorobutadiene	15.500	225	320	0.268	ug/l #	55
95) Naphthalene	15.647	128	3278	0.367	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.847	180	869	0.337	ug/l	66

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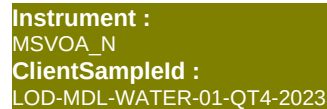
Quant Time: Nov 02 06:47:13 2023
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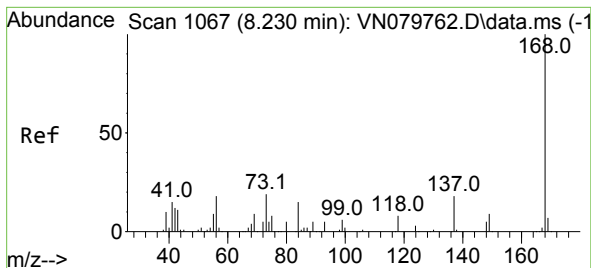
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

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ClientSampleId :

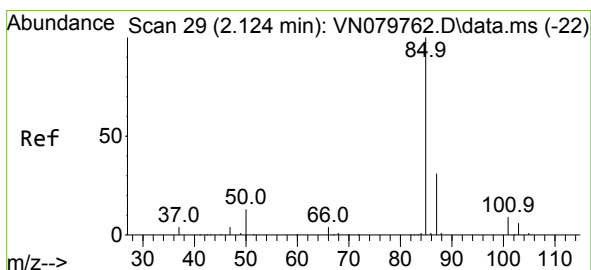
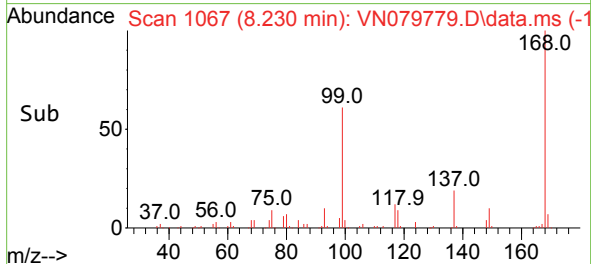
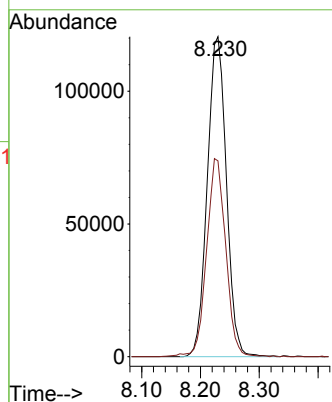
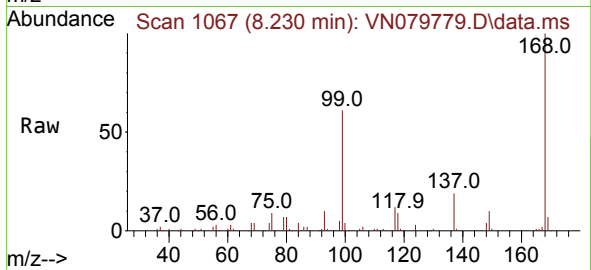
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:168 Resp: 271329

Ion Ratio Lower Upper

168 100

99 61.2 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.516 ug/l

RT: 2.130 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN079779.D

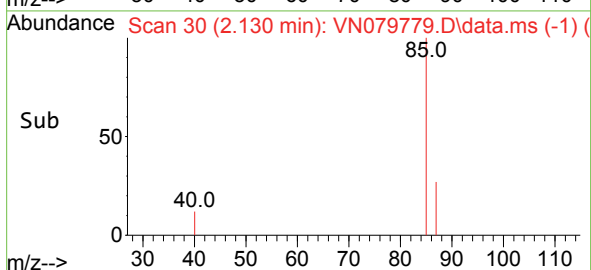
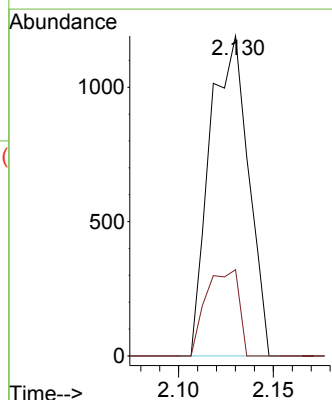
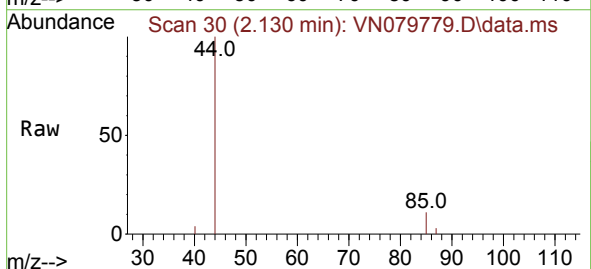
Acq: 01 Nov 2023 18:19

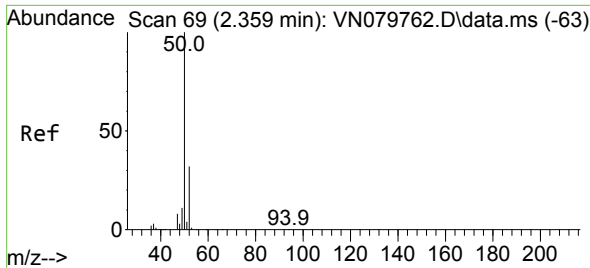
Tgt Ion: 85 Resp: 1686

Ion Ratio Lower Upper

85 100

87 27.0 15.8 47.4

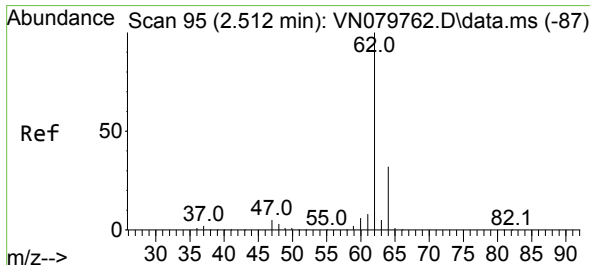
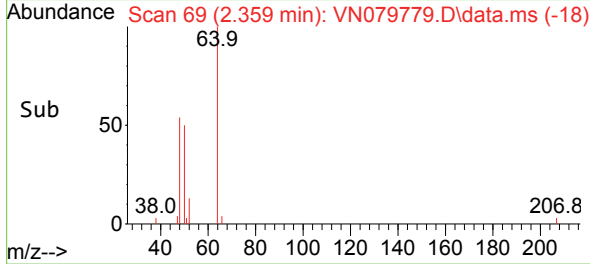
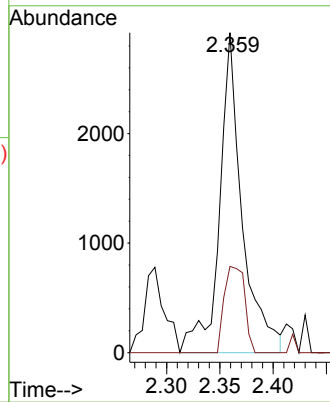
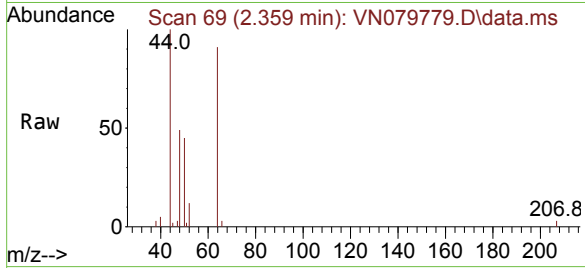




#3
Chloromethane
Concen: 0.949 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

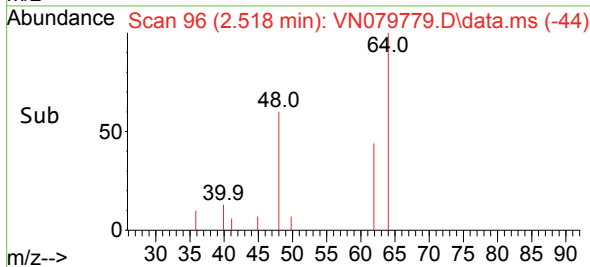
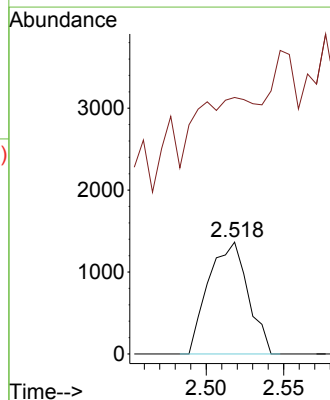
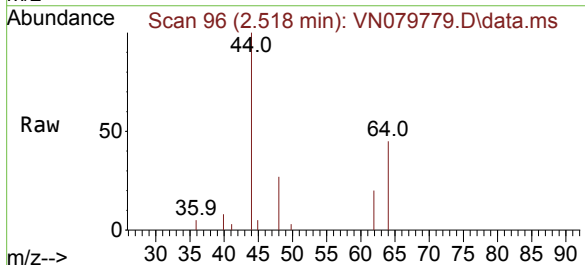
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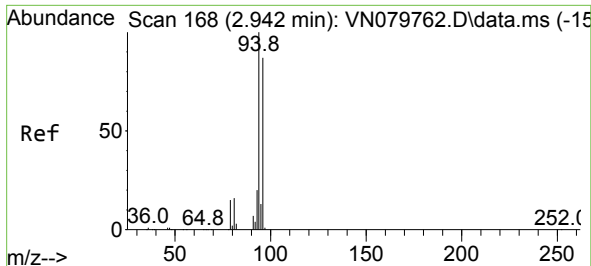
Tgt Ion: 50 Resp: 4308
Ion Ratio Lower Upper
50 100
52 26.9 26.5 39.7



#4
Vinyl Chloride
Concen: 0.566 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 62 Resp: 2421
Ion Ratio Lower Upper
62 100
64 63.0 26.2 39.2#

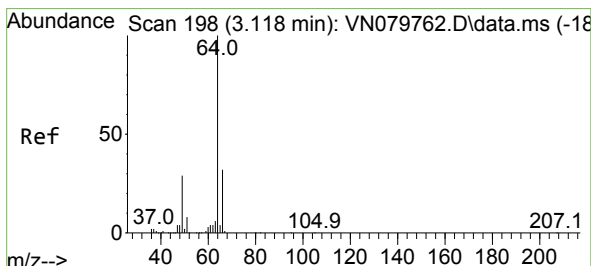
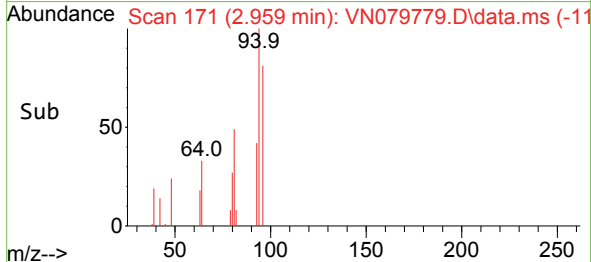
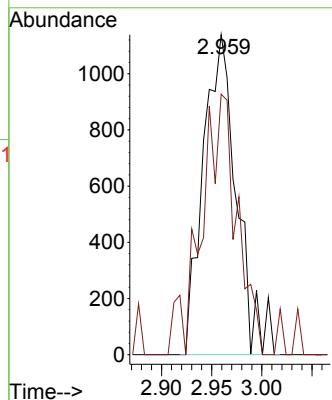
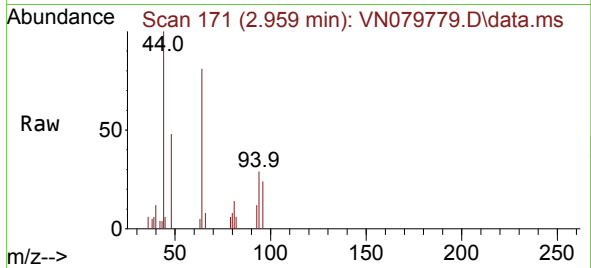




#5
Bromomethane
Concen: 1.015 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

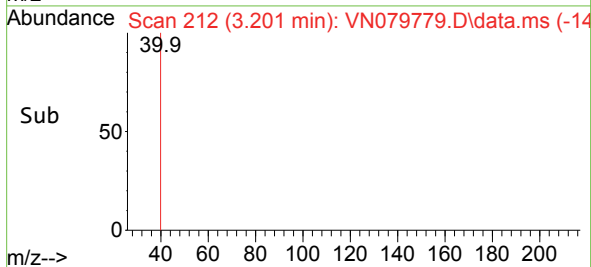
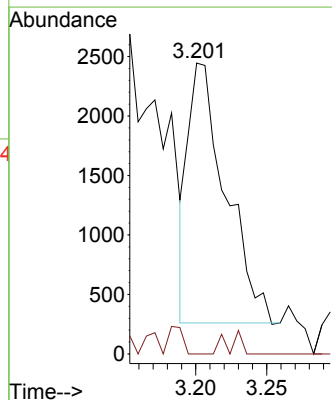
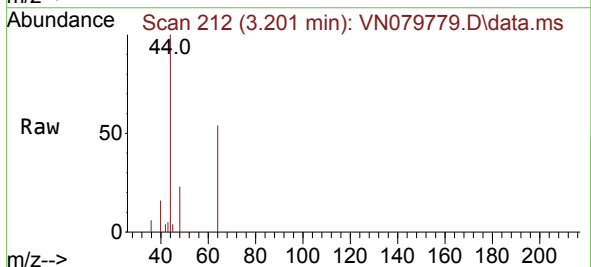
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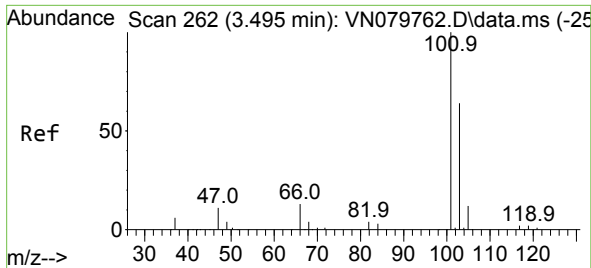
Tgt Ion: 94 Resp: 2638
Ion Ratio Lower Upper
94 100
96 67.1 73.1 109.7#



#6
Chloroethane
Concen: 1.192 ug/l
RT: 3.201 min Scan# 212
Delta R.T. 0.083 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 64 Resp: 4030
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

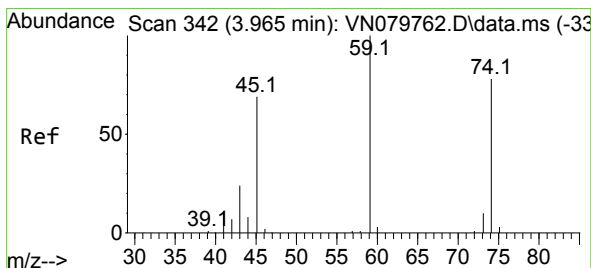
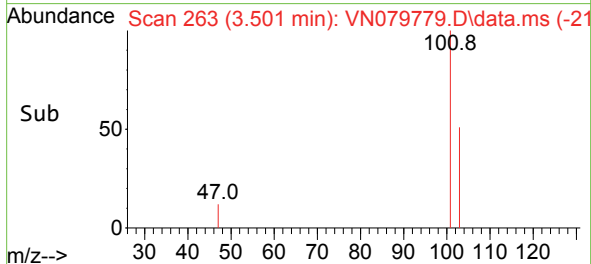
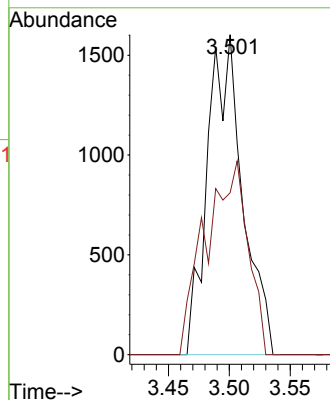
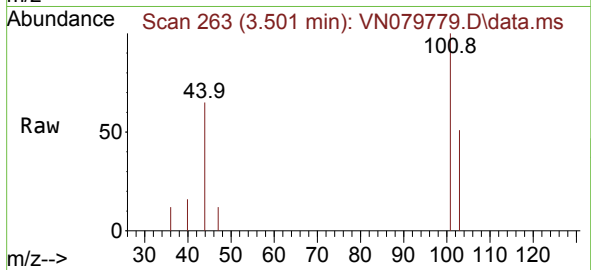




#7
 Trichlorofluoromethane
 Concen: 0.604 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

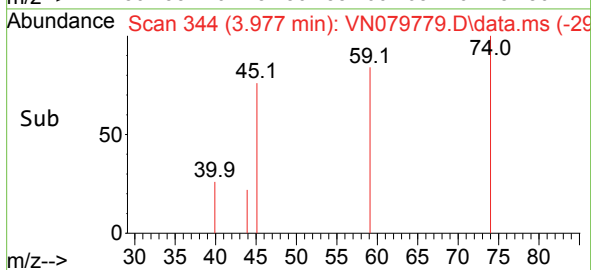
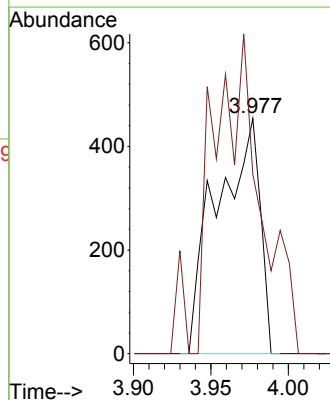
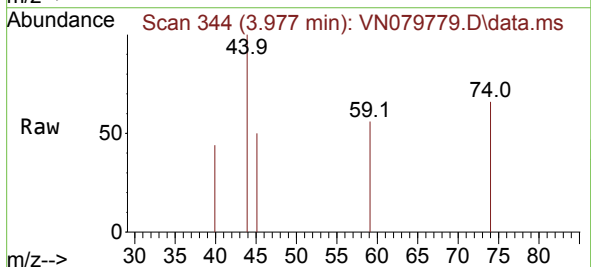
Instrument :
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 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

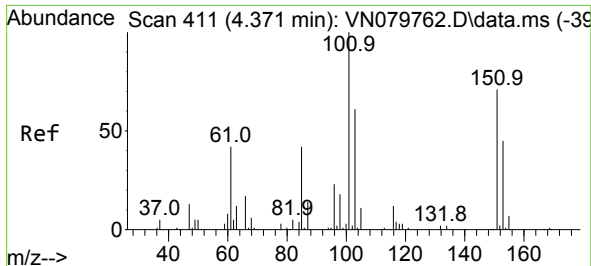
Tgt Ion:101 Resp: 3214
 Ion Ratio Lower Upper
 101 100
 103 50.6 50.7 76.1#



#8
 Diethyl Ether
 Concen: 0.434 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.012 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

Tgt Ion: 74 Resp: 877
 Ion Ratio Lower Upper
 74 100
 45 152.3 34.4 103.3#

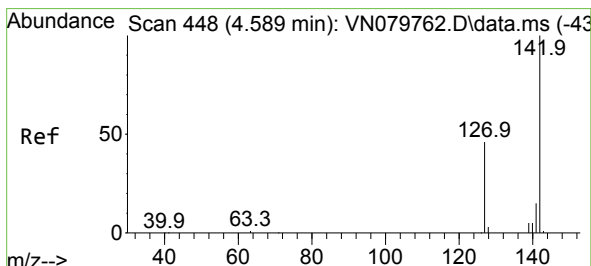
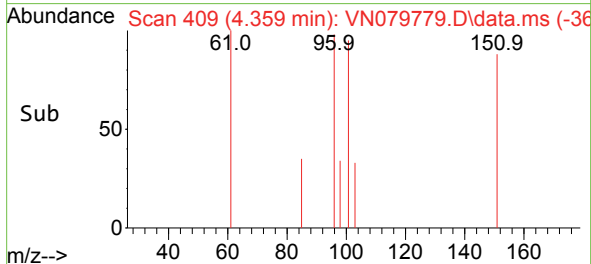
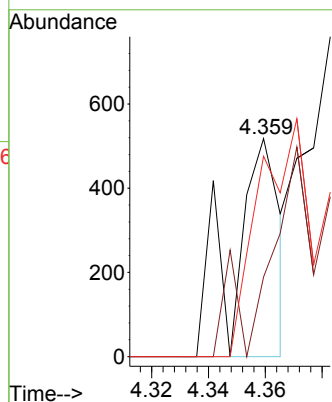
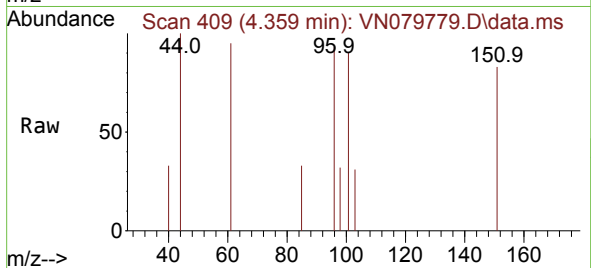




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.190 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

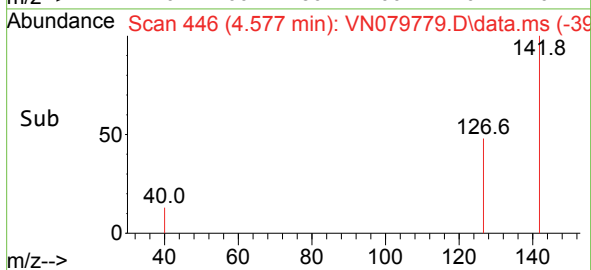
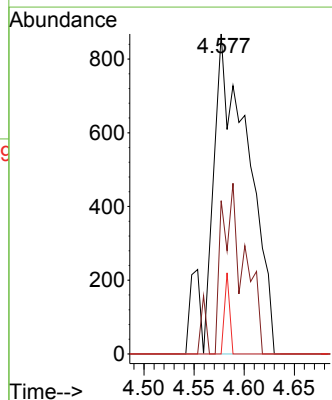
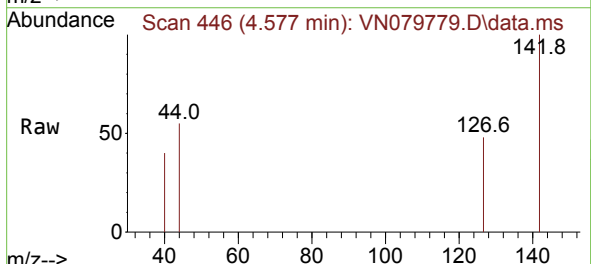
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

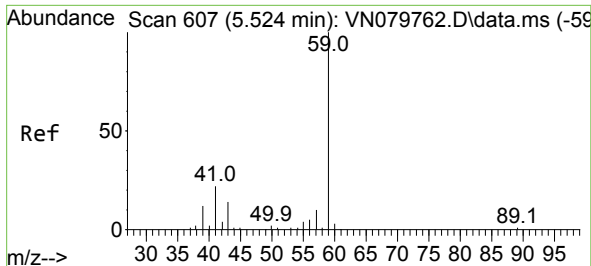
Tgt Ion:101 Resp: 586
Ion Ratio Lower Upper
101 100
85 119.1 36.6 55.0#
151 173.9 57.6 86.4#



#10
Methyl Iodide
Concen: 0.624 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.017 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion:142 Resp: 2199
Ion Ratio Lower Upper
142 100
127 47.9 37.6 56.4
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 1.554 ug/l

RT: 5.506 min Scan# 607

Delta R.T. -0.012 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

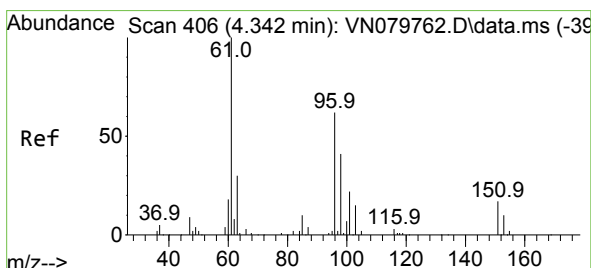
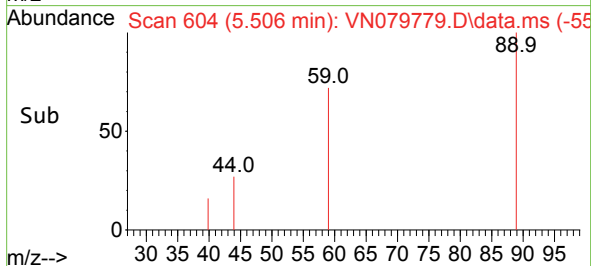
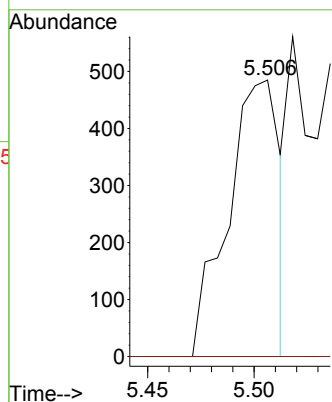
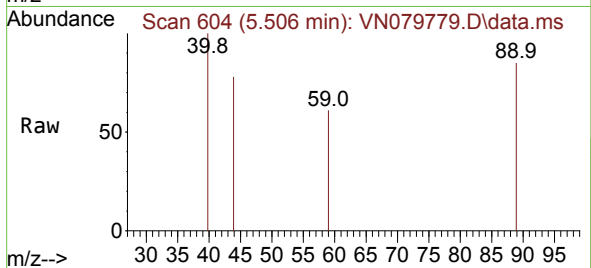
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 59 Resp: 820

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.520 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.012 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

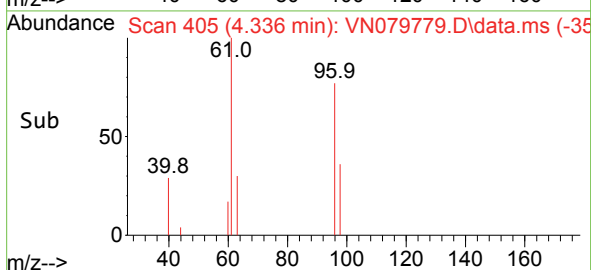
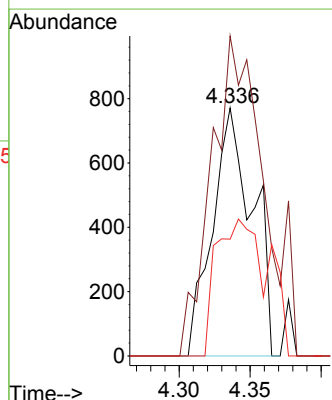
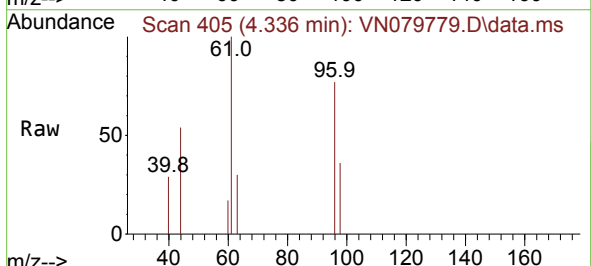
Tgt Ion: 96 Resp: 1520

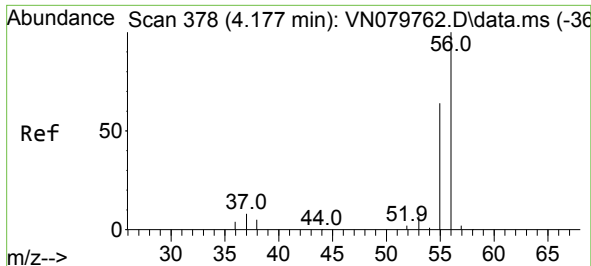
Ion Ratio Lower Upper

96 100

61 129.1 112.7 169.1

98 47.1 51.2 76.8#





#13

Acrolein

Concen: 1.277 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

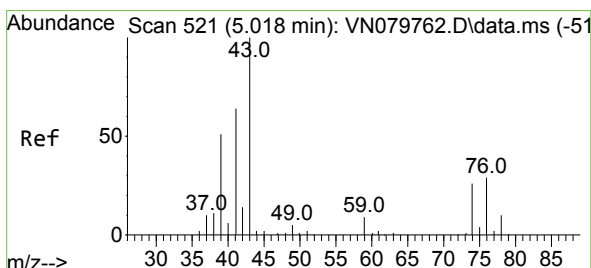
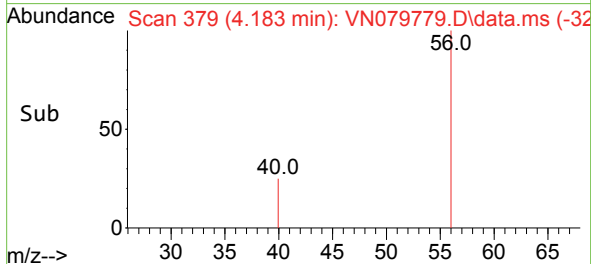
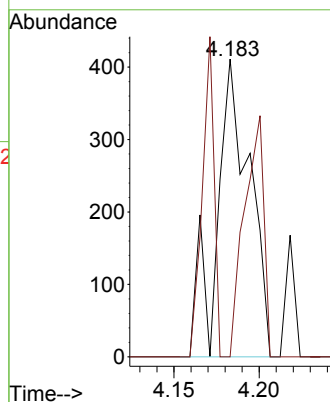
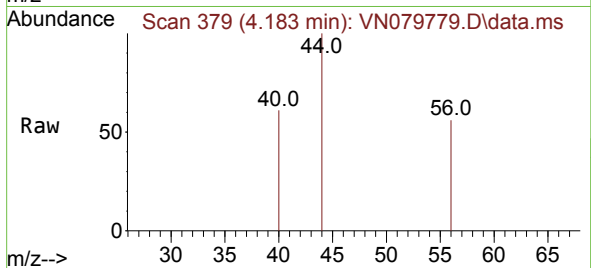
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 56 Resp: 551

Ion Ratio Lower Upper

56 100

55 39.0 54.5 81.7#



#14

Allyl chloride

Concen: 0.569 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

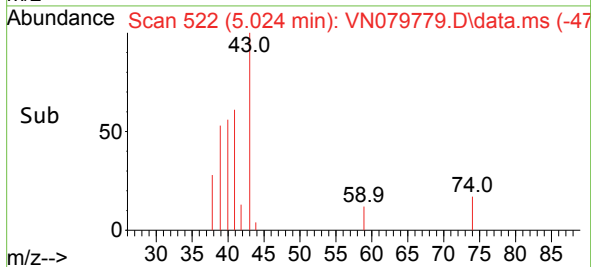
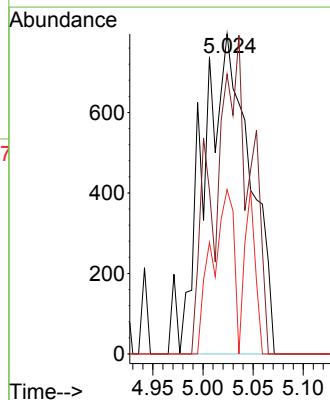
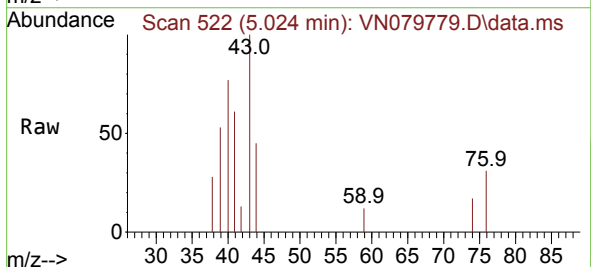
Tgt Ion: 41 Resp: 2544

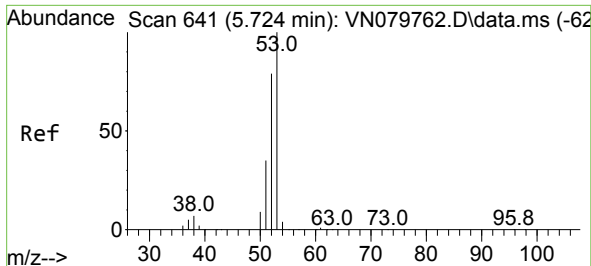
Ion Ratio Lower Upper

41 100

39 0.0 58.8 88.2#

76 24.3 39.1 58.7#

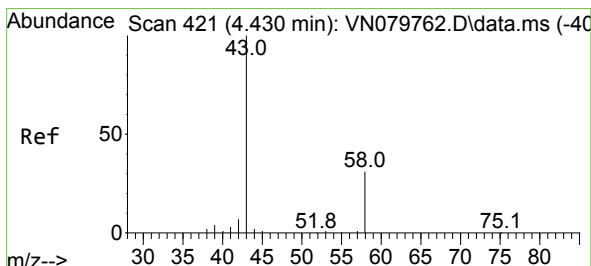
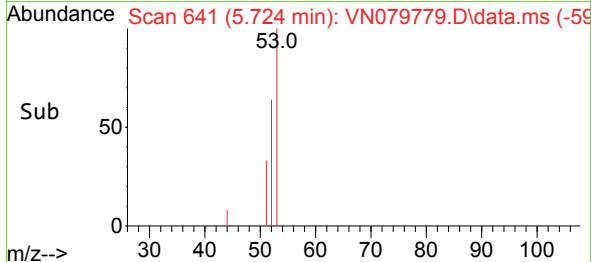
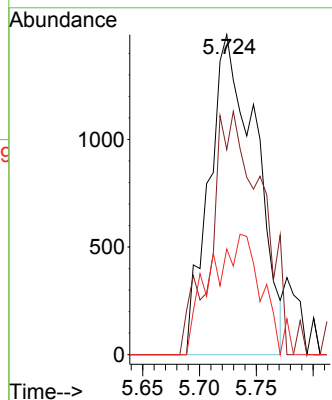
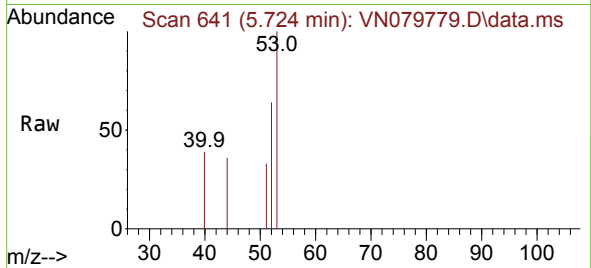




#15
Acrylonitrile
Concen: 2.590 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

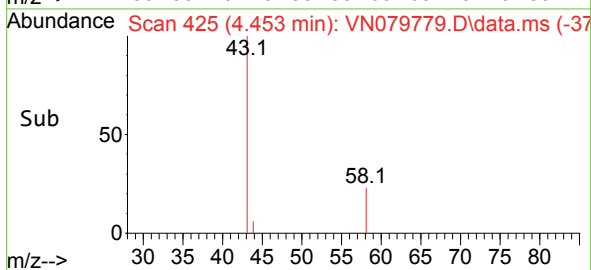
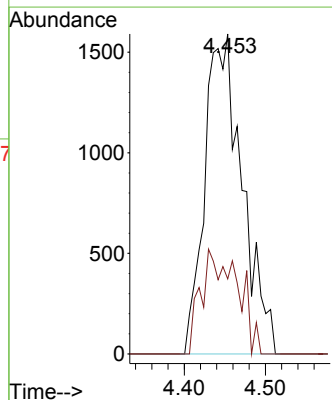
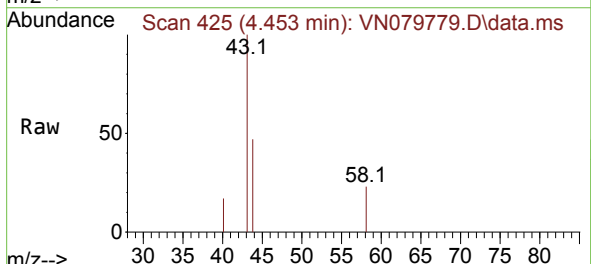
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

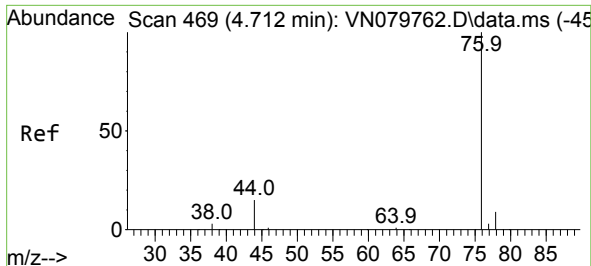
Tgt Ion: 53 Resp: 4259
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 41.5 28.9 43.3



#16
Acetone
Concen: 3.498 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 43 Resp: 5079
Ion Ratio Lower Upper
43 100
58 23.4 28.0 42.0#

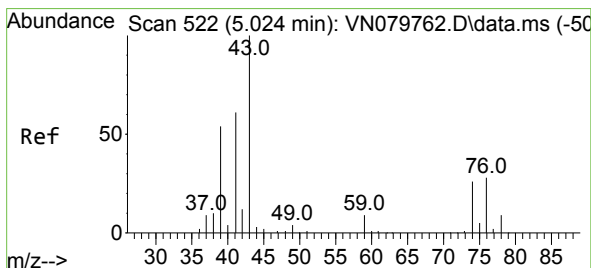
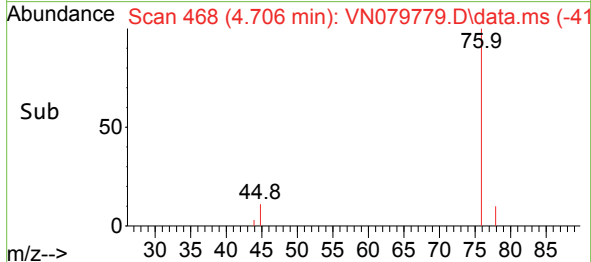
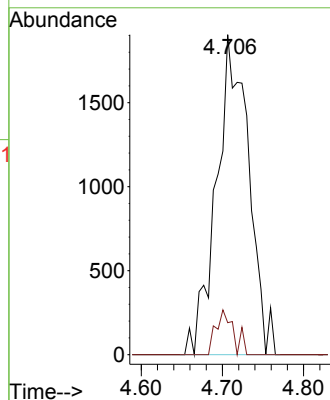
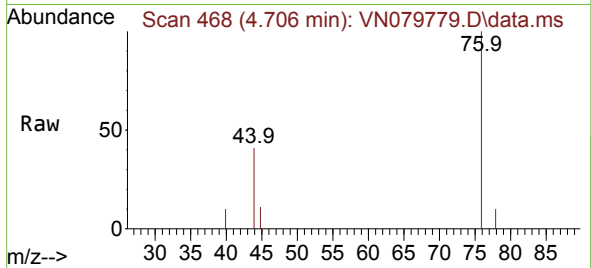




#17
Carbon Disulfide
Concen: 0.623 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

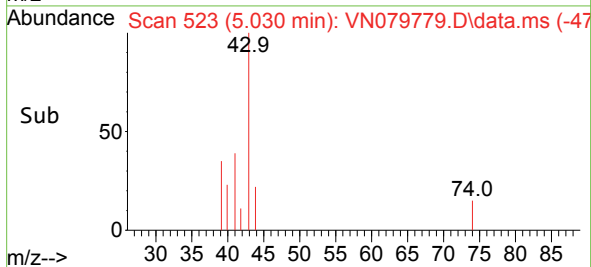
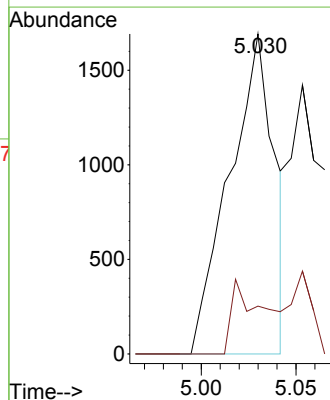
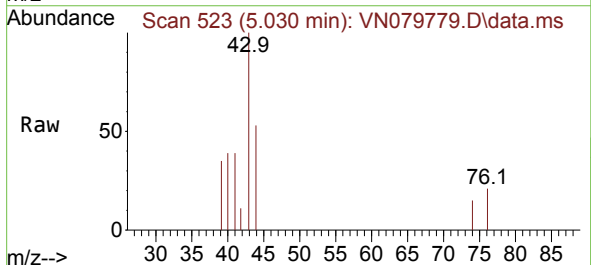
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

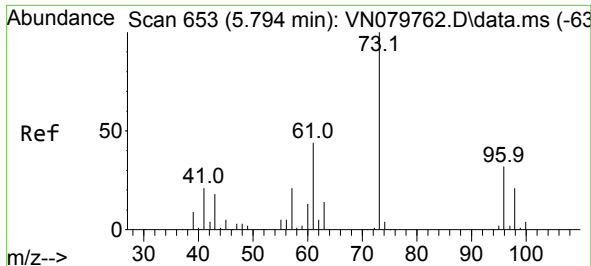
Tgt Ion: 76 Resp: 5249
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#18
Methyl Acetate
Concen: 0.400 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 43 Resp: 2782
Ion Ratio Lower Upper
43 100
74 16.9 26.2 39.4#

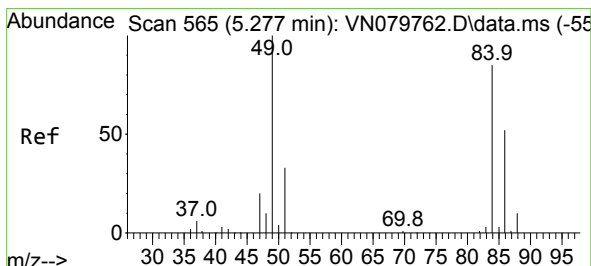
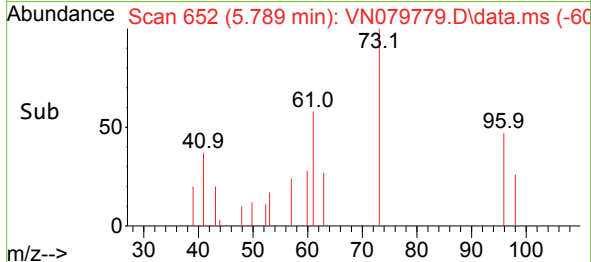
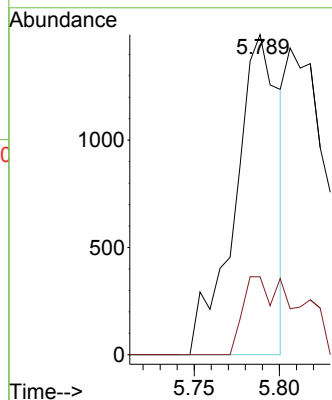
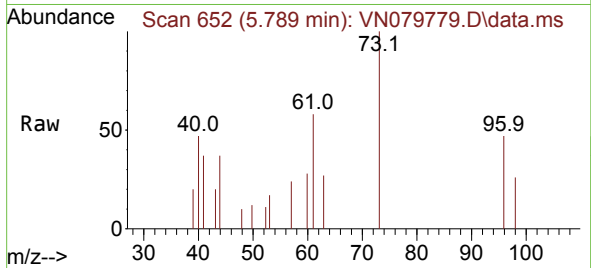




#19
Methyl tert-butyl Ether
Concen: 0.267 ug/l
RT: 5.789 min Scan# 619
Delta R.T. -0.012 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

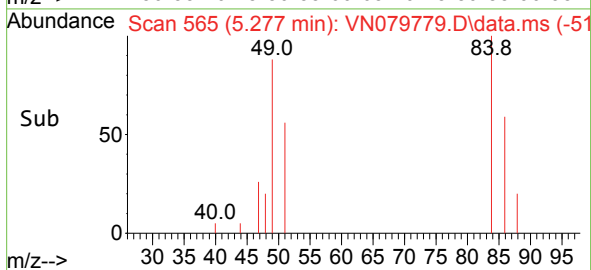
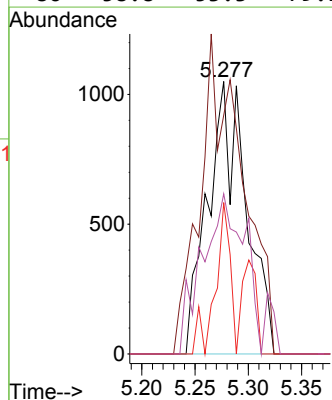
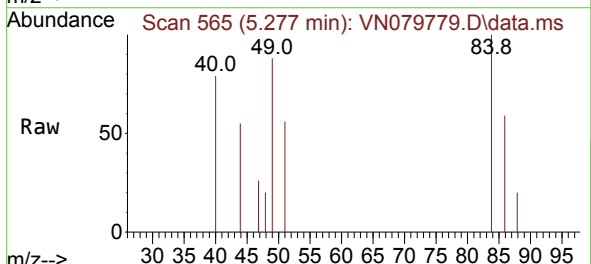
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

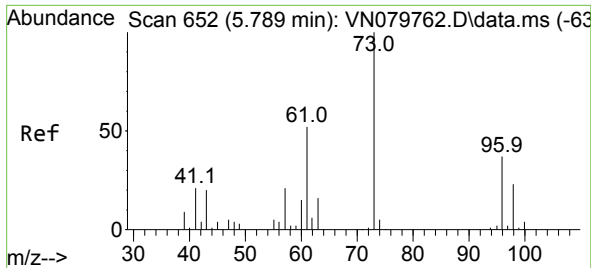
Tgt Ion: 73 Resp: 2681
Ion Ratio Lower Upper
73 100
57 24.3 15.6 23.4#



#20
Methylene Chloride
Concen: 0.718 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 84 Resp: 2632
Ion Ratio Lower Upper
84 100
49 87.6 79.7 119.5
51 55.5 25.2 37.8#
86 58.8 53.3 79.9

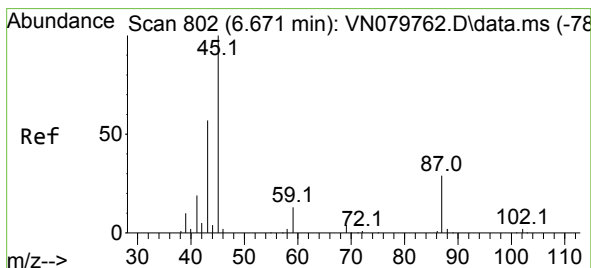
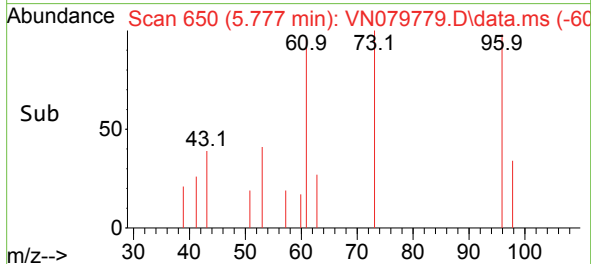
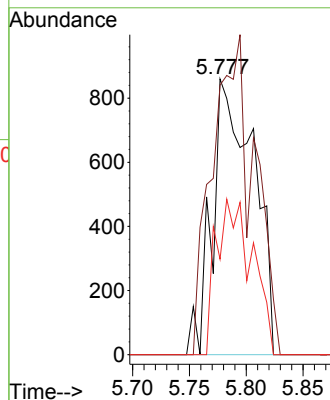
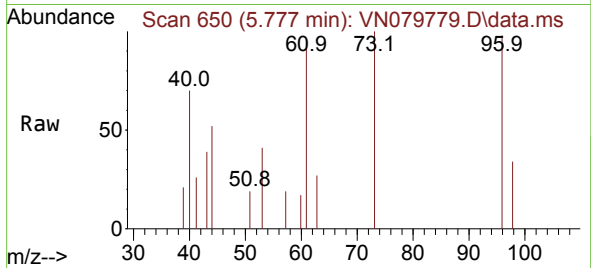




#21
trans-1,2-Dichloroethene
Concen: 0.669 ug/l
RT: 5.777 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

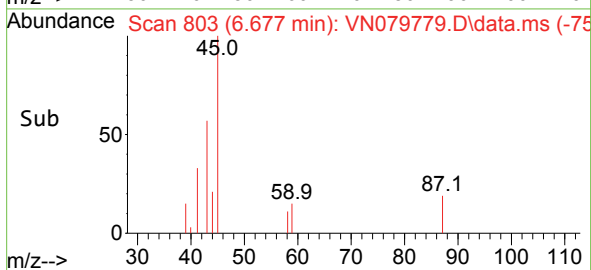
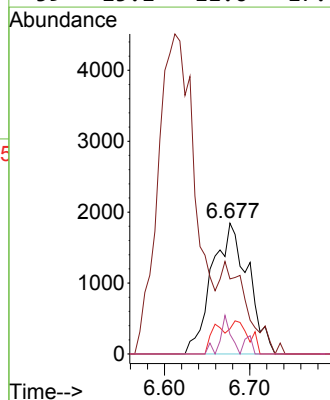
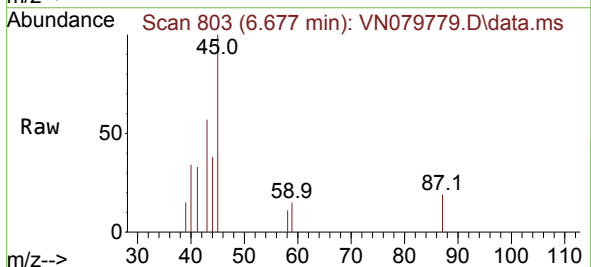
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

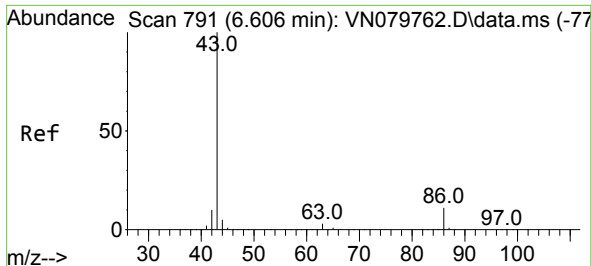
Tgt Ion: 96 Resp: 2180
Ion Ratio Lower Upper
96 100
61 97.8 90.1 135.1
98 34.7 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.528 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 45 Resp: 5472
Ion Ratio Lower Upper
45 100
43 49.0 45.5 68.3
87 19.3 31.8 47.8#
59 15.1 11.6 17.4

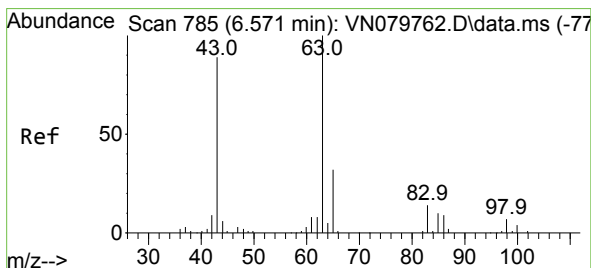
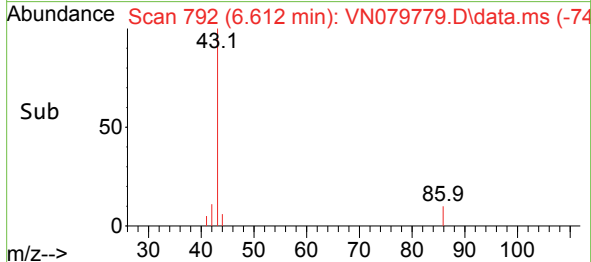
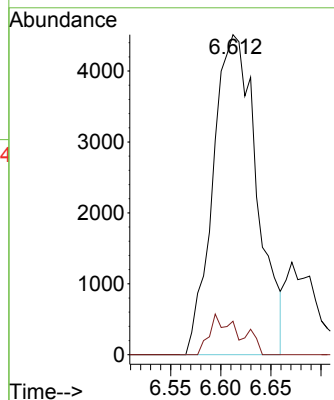
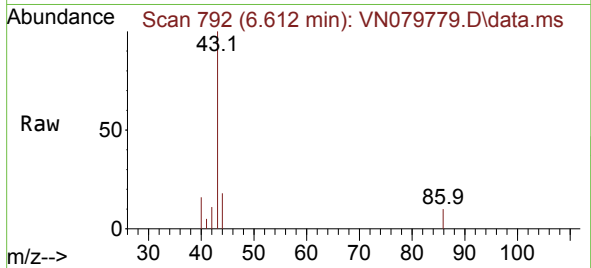




#23
 Vinyl Acetate
 Concen: 2.400 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

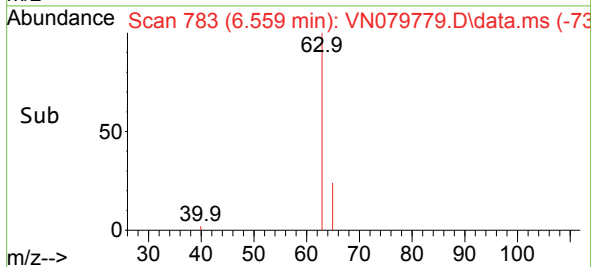
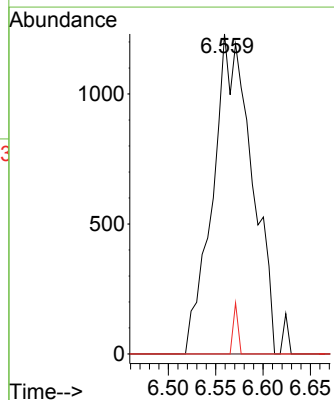
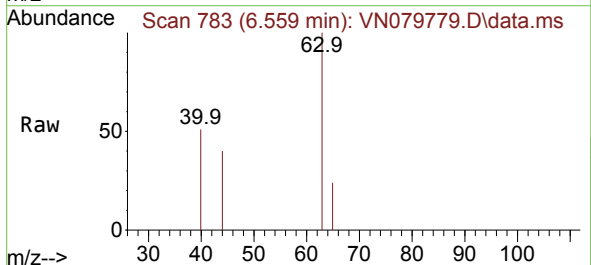
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

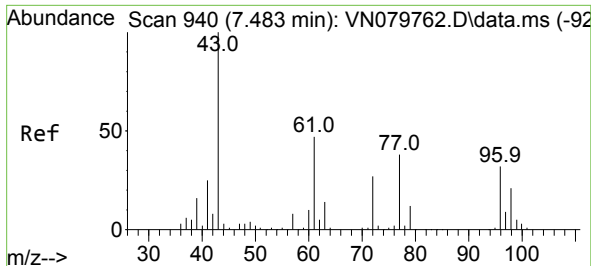
Tgt Ion: 43 Resp: 13726
 Ion Ratio Lower Upper
 43 100
 86 10.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.562 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

Tgt Ion: 63 Resp: 3543
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#

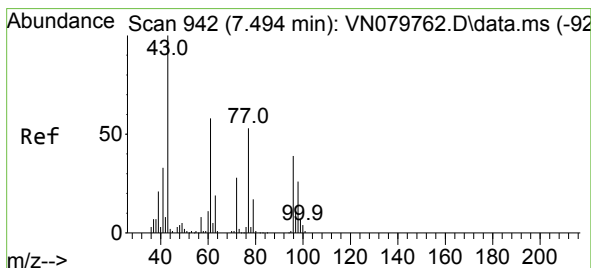
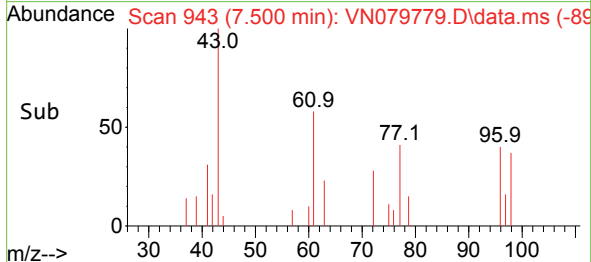
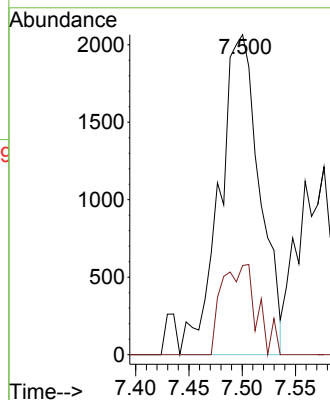
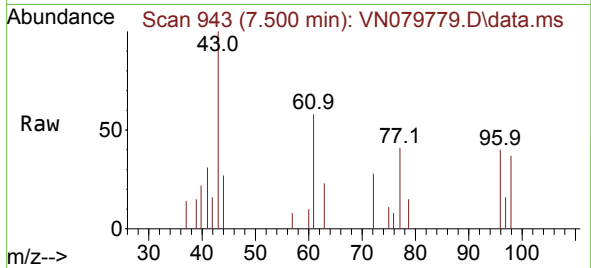




#25
2-Butanone
Concen: 2.552 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

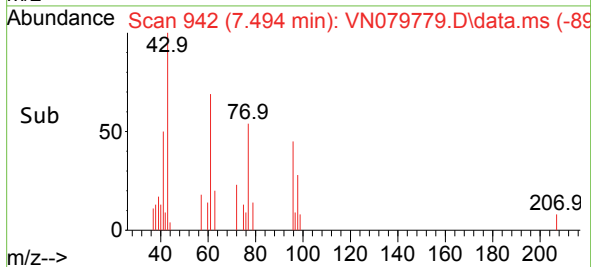
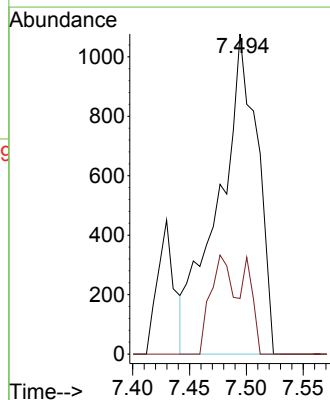
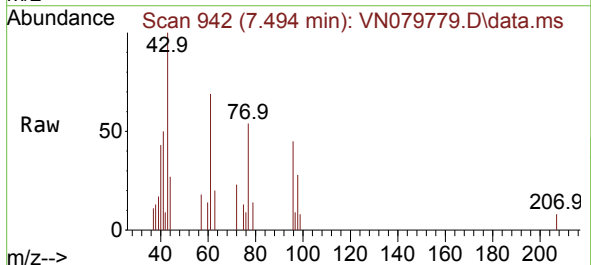
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

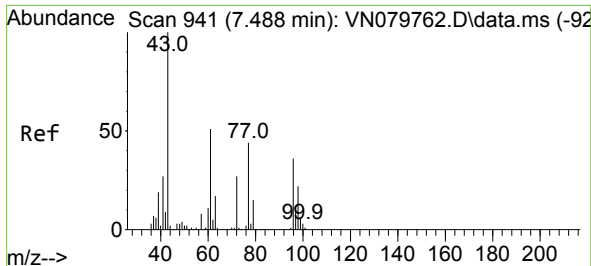
Tgt Ion: 43 Resp: 5426
Ion Ratio Lower Upper
43 100
72 27.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 0.491 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 77 Resp: 2558
Ion Ratio Lower Upper
77 100
97 19.5 11.2 33.6

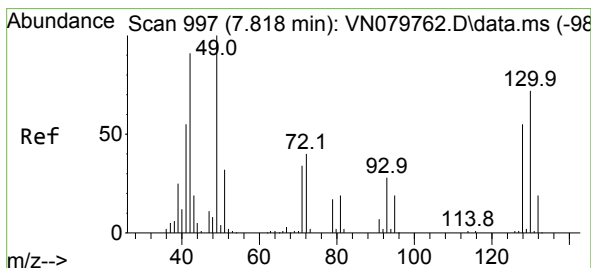
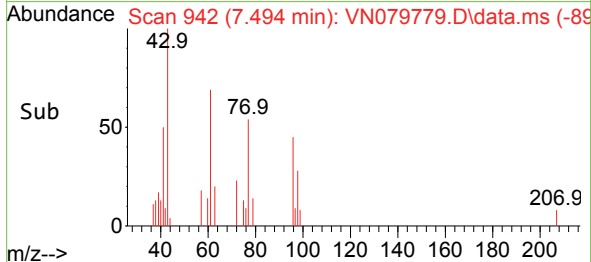
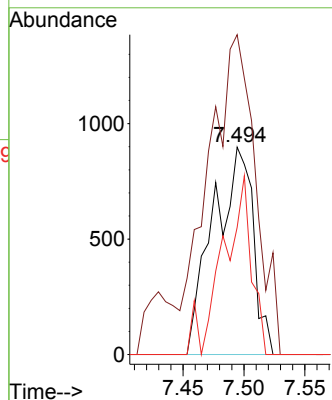
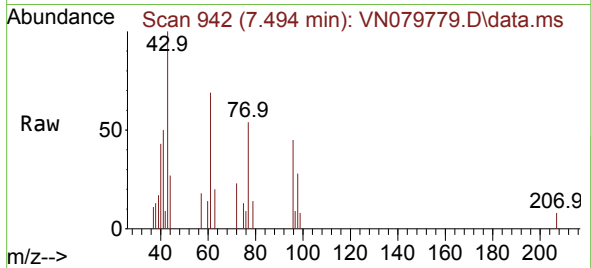




#27
 cis-1,2-Dichloroethene
 Concen: 0.523 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

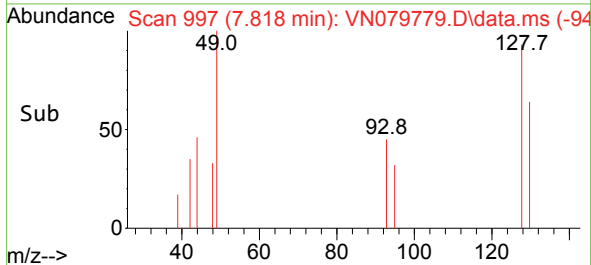
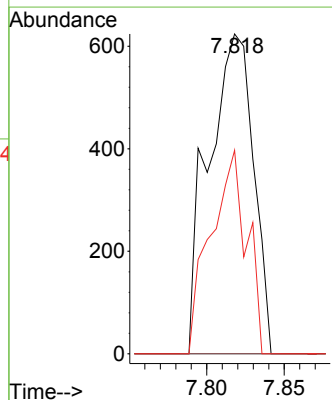
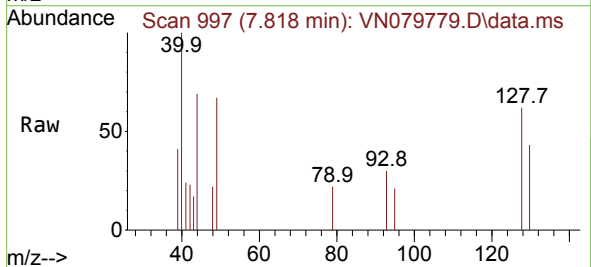
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

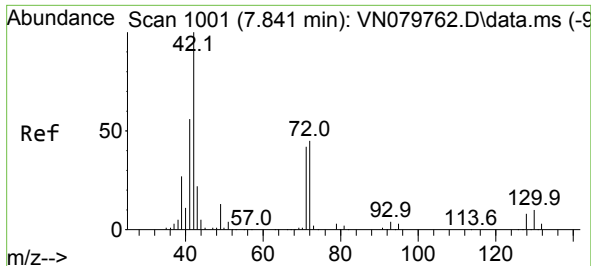
Tgt Ion: 96 Resp: 2037
 Ion Ratio Lower Upper
 96 100
 61 181.9 0.0 255.2
 98 61.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 0.408 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

Tgt Ion: 49 Resp: 1254
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 51.3 75.3 112.9#

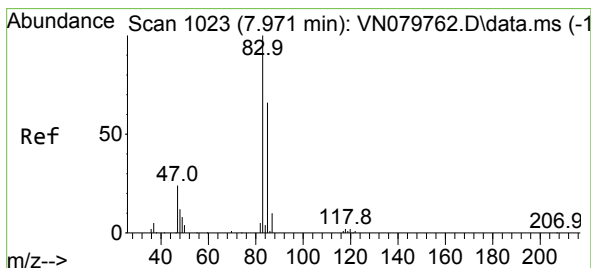
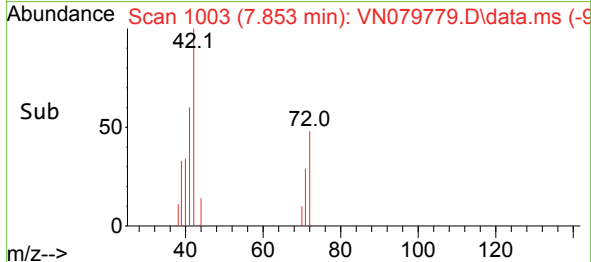
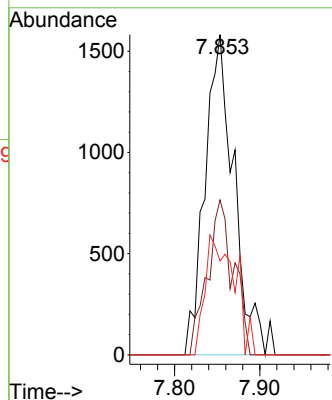
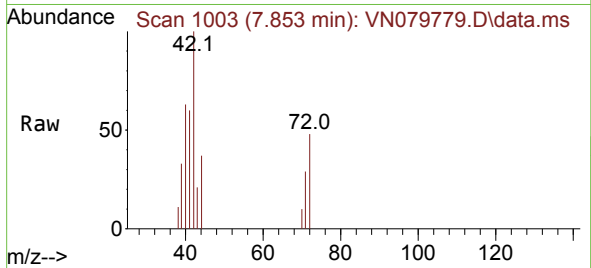




#29
Tetrahydrofuran
Concen: 2.735 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

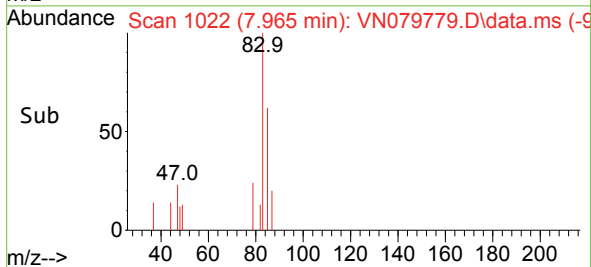
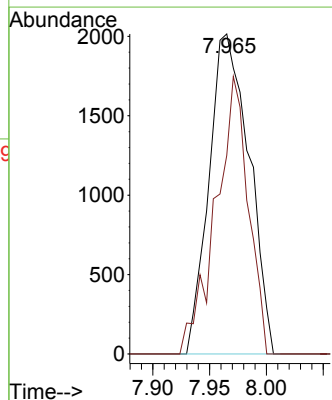
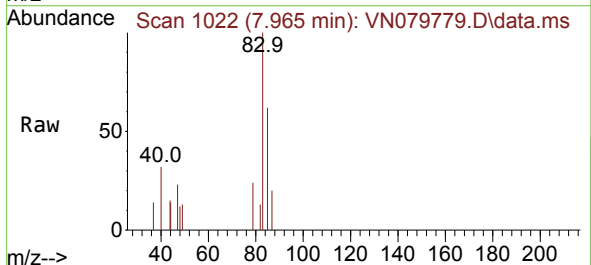
Instrument :
MSVOA_N
ClientSampleId :
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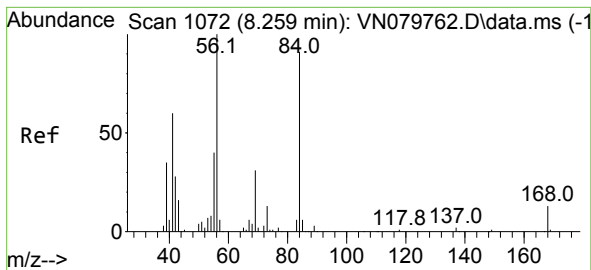
Tgt Ion: 42 Resp: 3784
Ion Ratio Lower Upper
42 100
72 43.0 49.8 74.6#
71 37.6 47.4 71.2#



#30
Chloroform
Concen: 0.722 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 83 Resp: 4941
Ion Ratio Lower Upper
83 100
85 62.1 55.4 83.0





#31

Cyclohexane

Concen: 1.762 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN079779.D

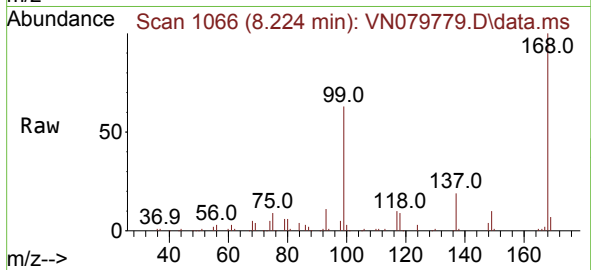
Acq: 01 Nov 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



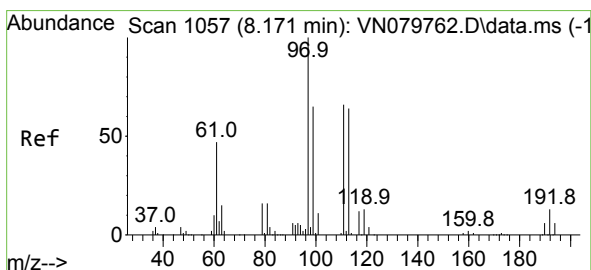
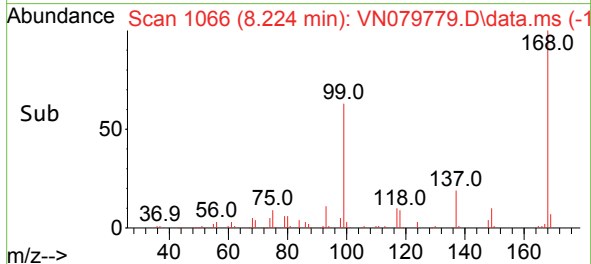
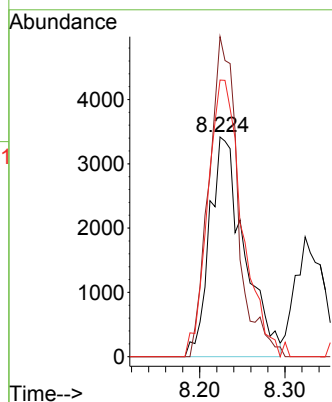
Tgt Ion: 56 Resp: 9626

Ion Ratio Lower Upper

56 100

69 145.7 26.8 40.2#

84 125.9 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 0.525 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

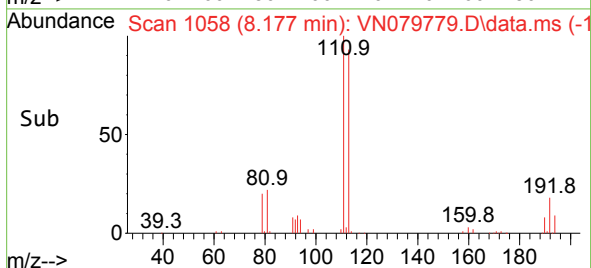
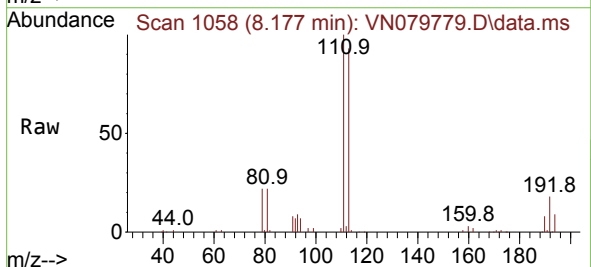
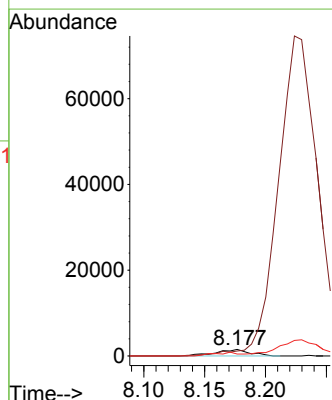
Tgt Ion: 97 Resp: 2925

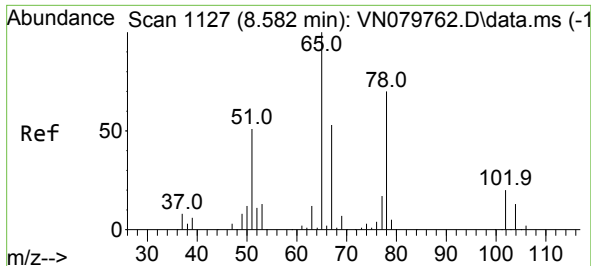
Ion Ratio Lower Upper

97 100

99 0.0 50.3 75.5#

61 42.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.410 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

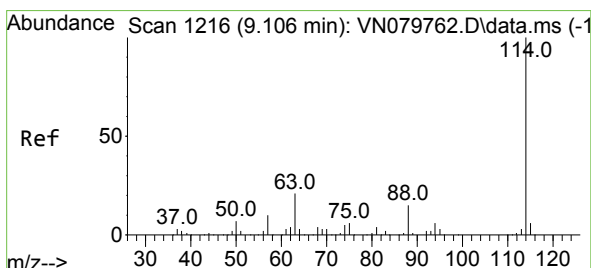
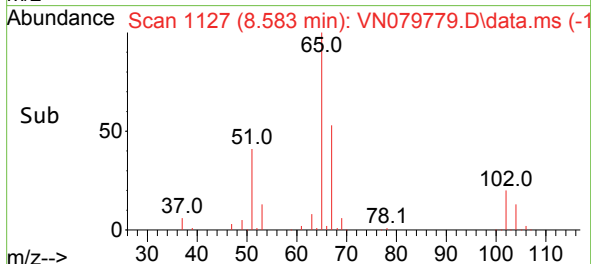
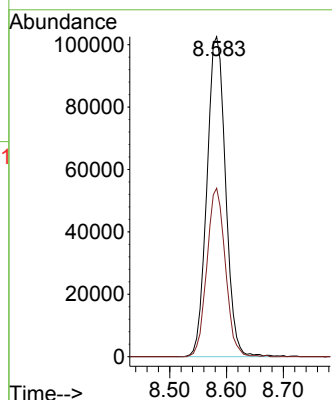
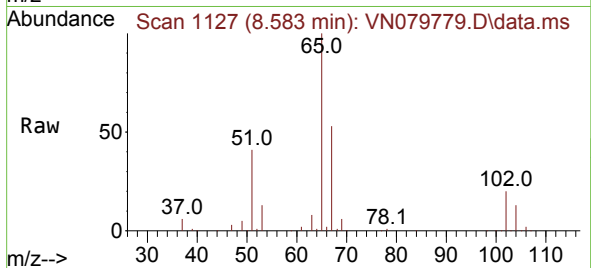
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 65 Resp: 233188

Ion Ratio Lower Upper

65 100

67 52.2 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: VN079779.D

Acq: 01 Nov 2023 18:19

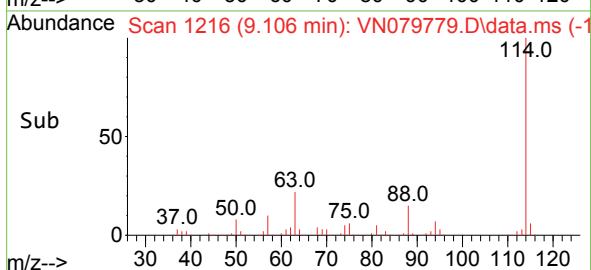
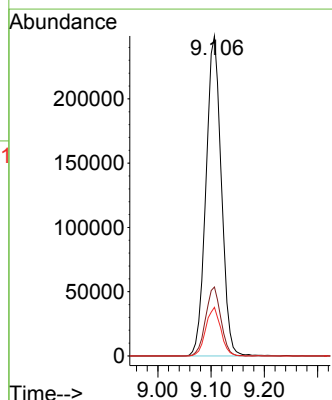
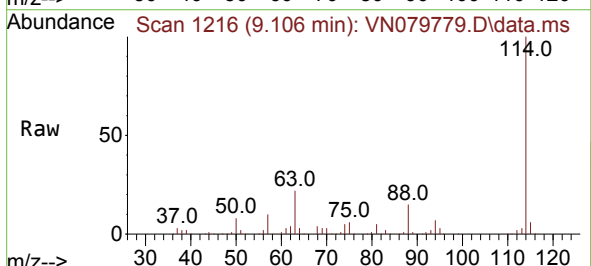
Tgt Ion: 114 Resp: 498356

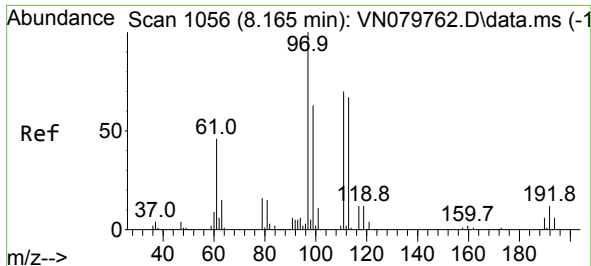
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.2 0.0 30.6

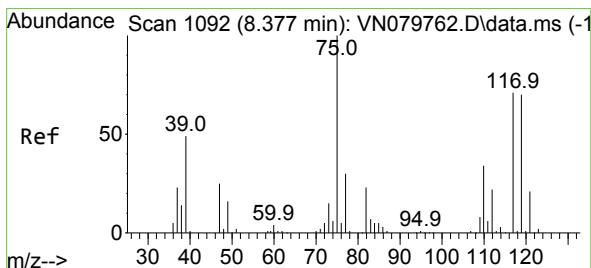
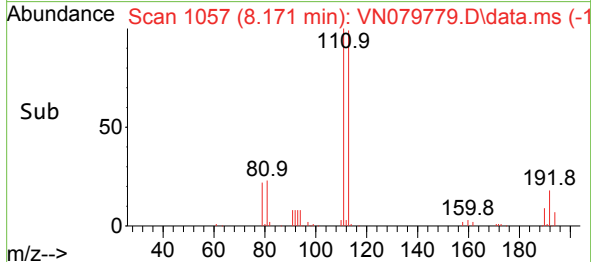
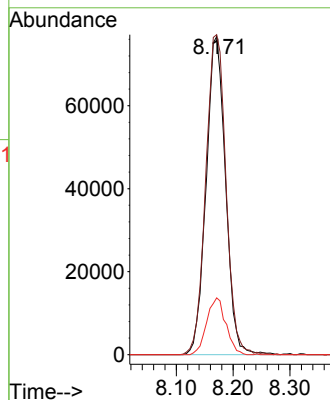
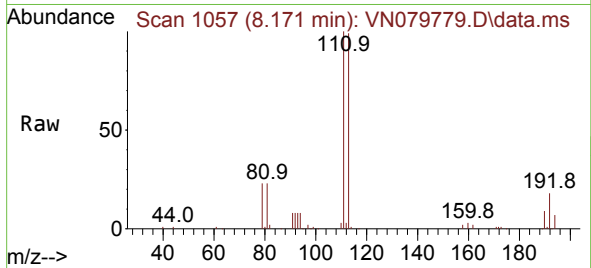




#35
Dibromofluoromethane
Concen: 51.442 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

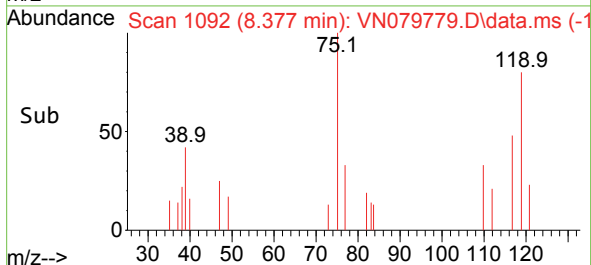
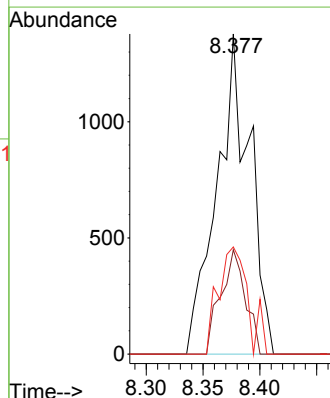
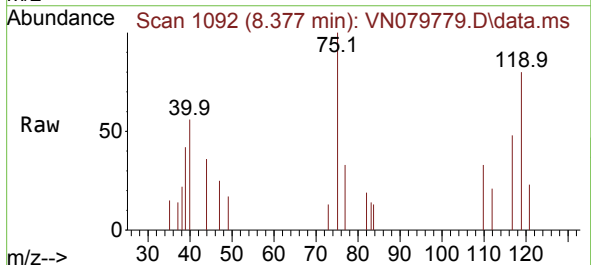
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

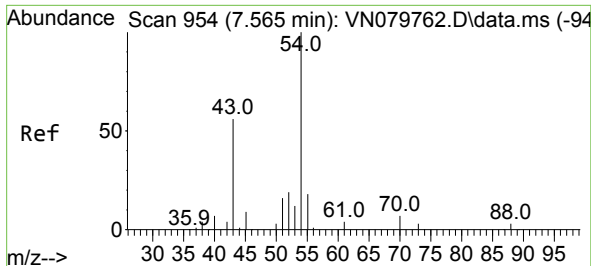
Tgt Ion:113 Resp: 181445
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 17.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 0.553 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 75 Resp: 2783
Ion Ratio Lower Upper
75 100
110 24.4 19.1 57.3
77 29.9 25.0 37.4

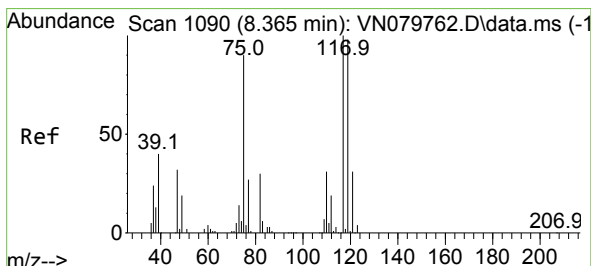
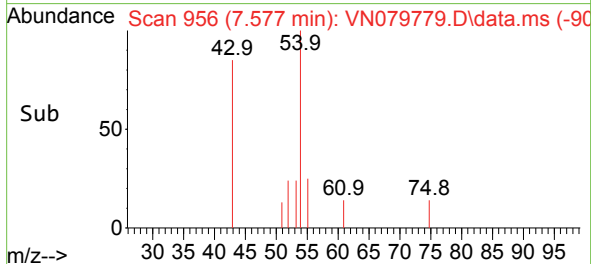
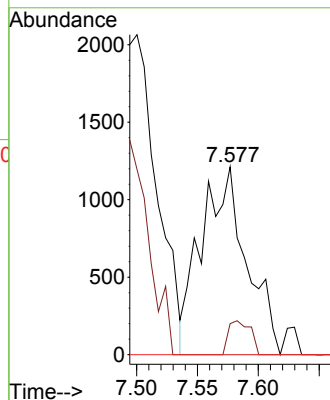
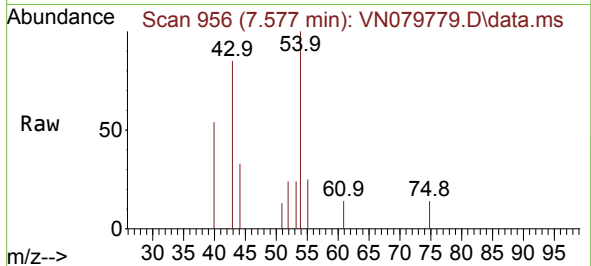




#37
Ethyl Acetate
Concen: 0.680 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

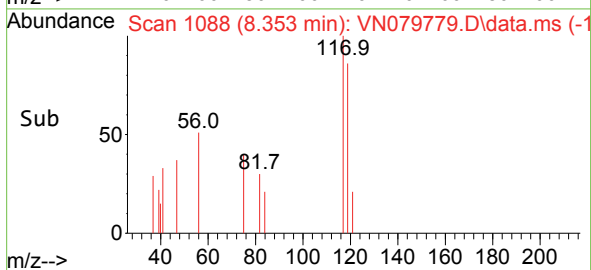
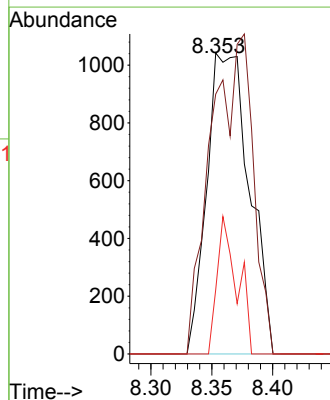
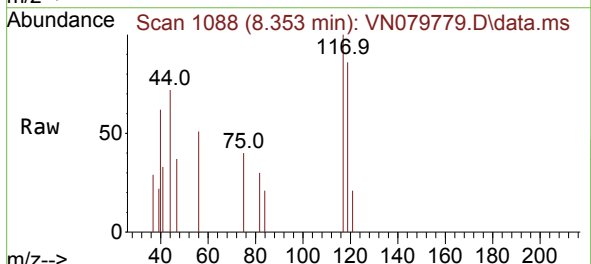
Instrument :
MSVOA_N
ClientSampleId :
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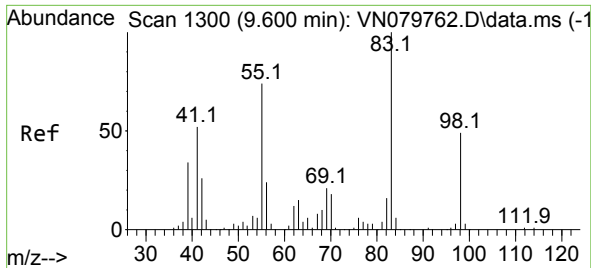
Tgt Ion: 43 Resp: 3139
Ion Ratio Lower Upper
43 100
61 8.8 13.2 19.8#
70 0.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 0.498 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 117 Resp: 2530
Ion Ratio Lower Upper
117 100
119 86.4 77.3 115.9
121 21.4 23.3 34.9#

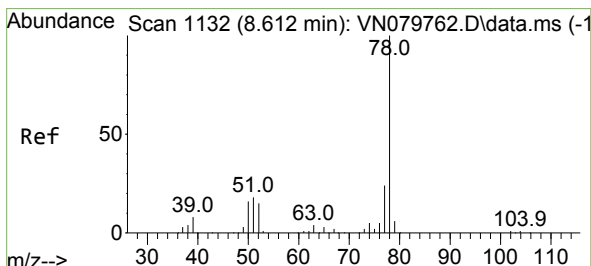
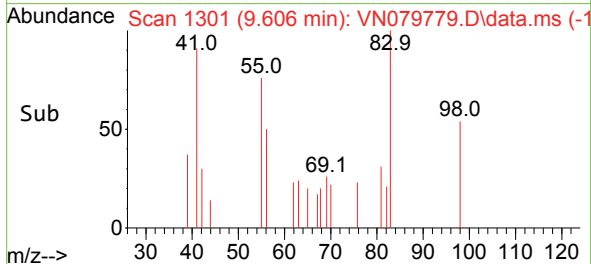
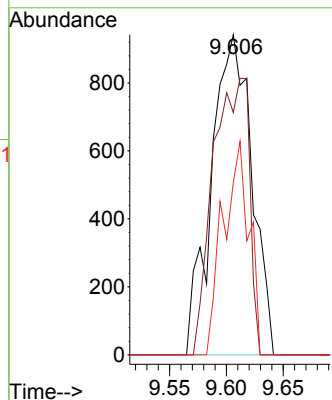
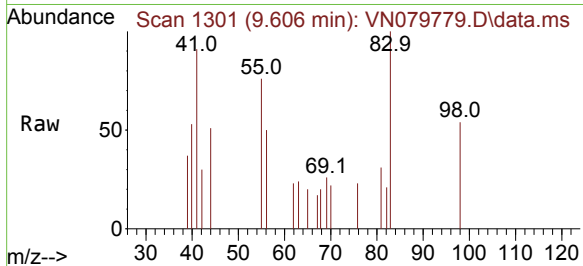




#39
Methylcyclohexane
Concen: 0.491 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

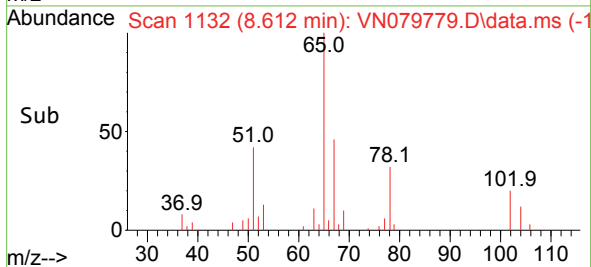
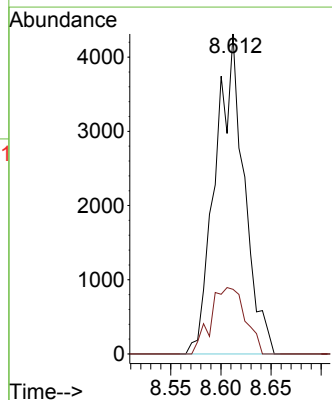
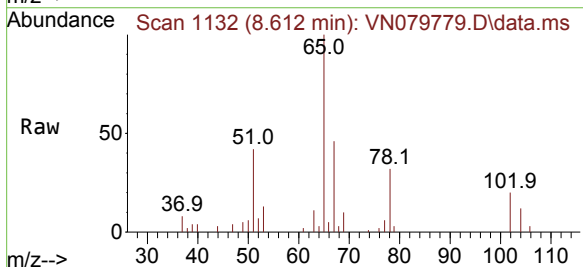
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

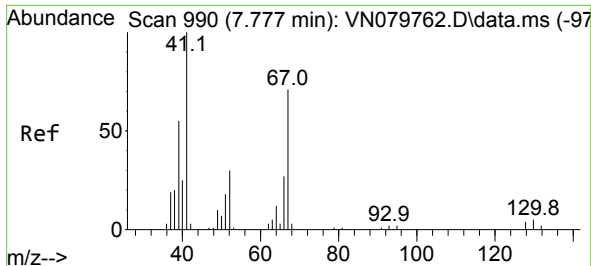
Tgt Ion: 83 Resp: 2328
Ion Ratio Lower Upper
83 100
55 75.7 49.1 73.7#
98 53.8 40.6 61.0



#40
Benzene
Concen: 0.570 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 78 Resp: 8594
Ion Ratio Lower Upper
78 100
77 20.2 19.0 28.6

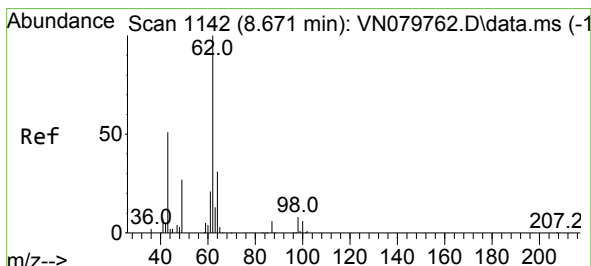
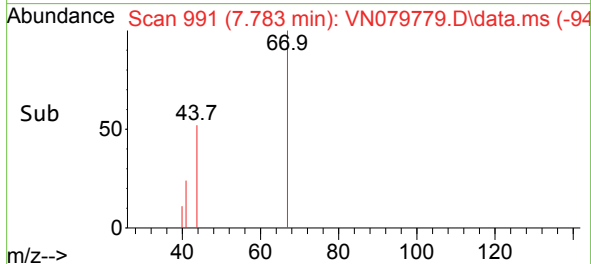
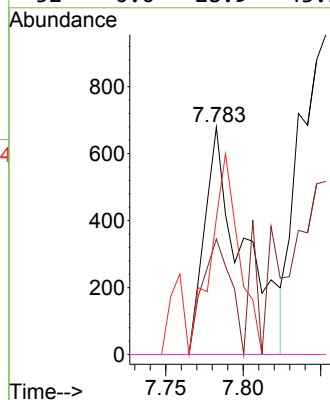
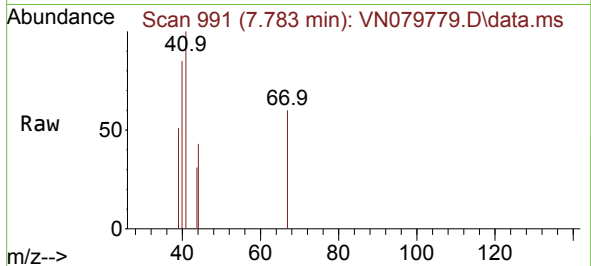




#41
Methacrylonitrile
Concen: 0.479 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

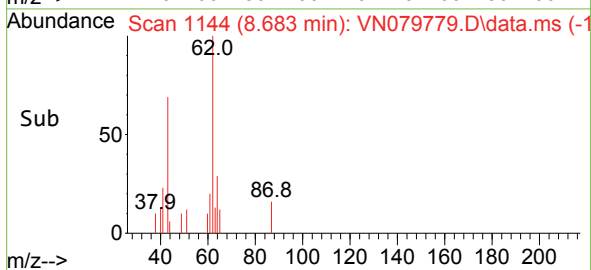
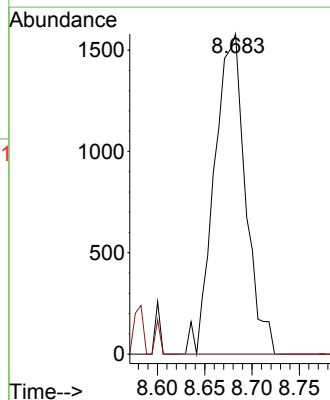
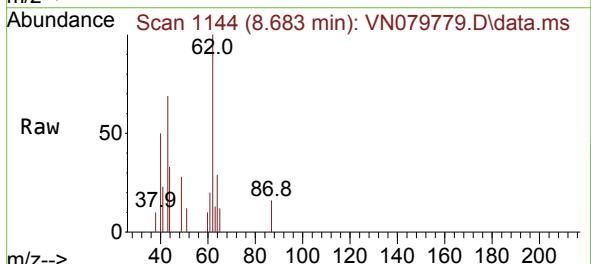
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

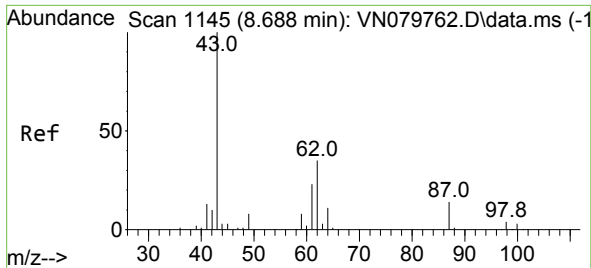
Tgt Ion: 41	Resp: 1176
Ion Ratio	Lower Upper
41	100
39	37.1 42.6 64.0#
67	64.5 77.5 116.3#
52	0.0 28.9 43.3#



#42
1,2-Dichloroethane
Concen: 0.688 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 62	Resp: 3625
Ion Ratio	Lower Upper
62	100
98	0.0 0.0 19.8

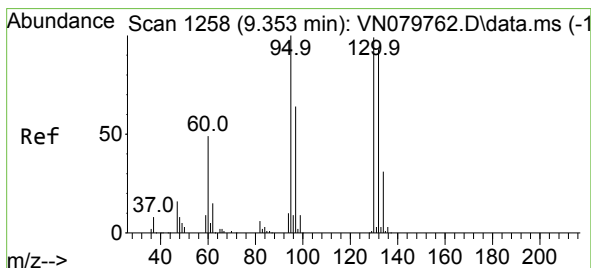
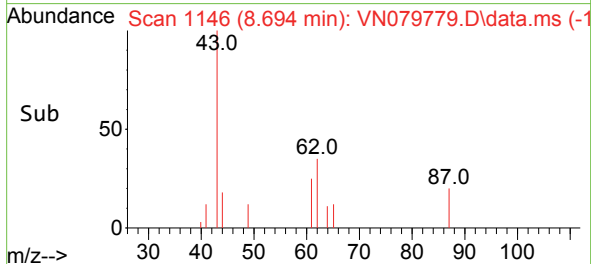
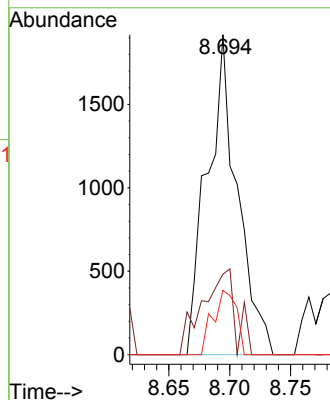
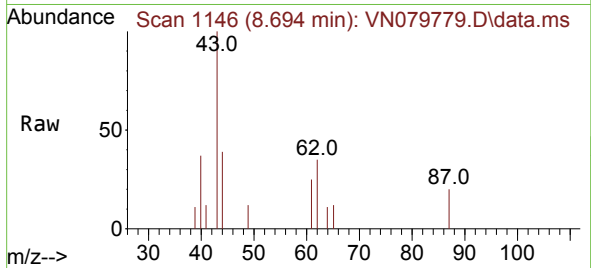




#43
Isopropyl Acetate
Concen: 0.409 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

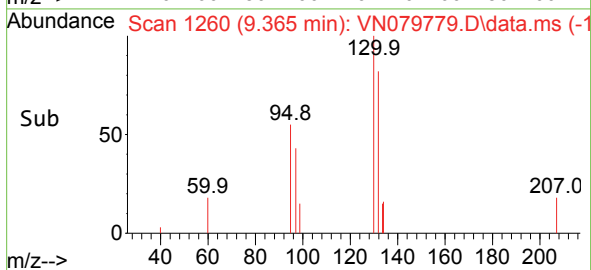
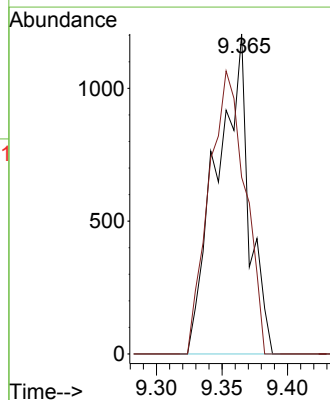
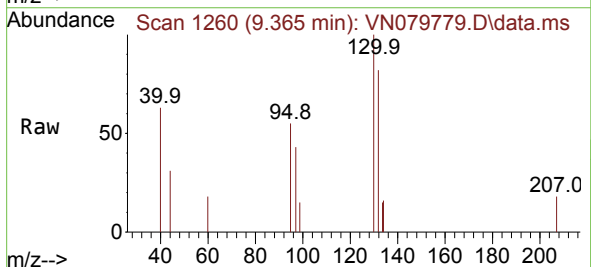
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

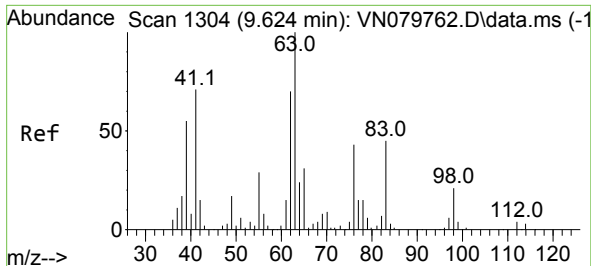
Tgt Ion: 43	Resp:	3311	
Ion	Ratio	Lower	Upper
43	100		
61	29.5	24.7	37.1
87	15.6	14.6	21.8



#44
Trichloroethene
Concen: 0.553 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion:130	Resp:	2071	
Ion	Ratio	Lower	Upper
130	100		
95	55.2	0.0	204.6

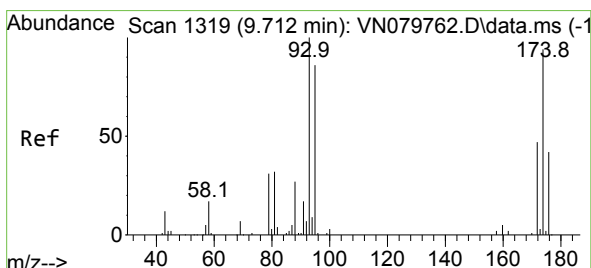
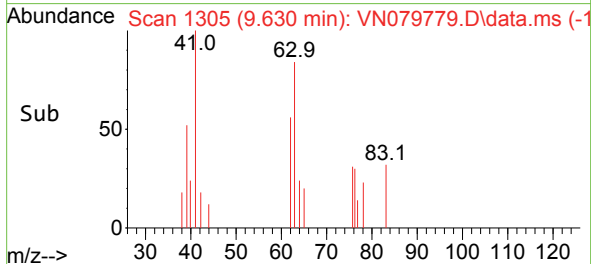
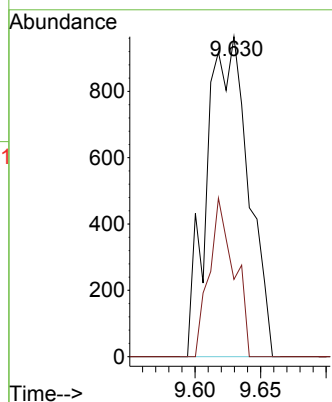
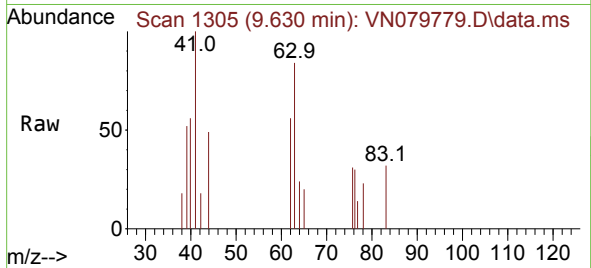




#45
1,2-Dichloropropane
Concen: 0.551 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

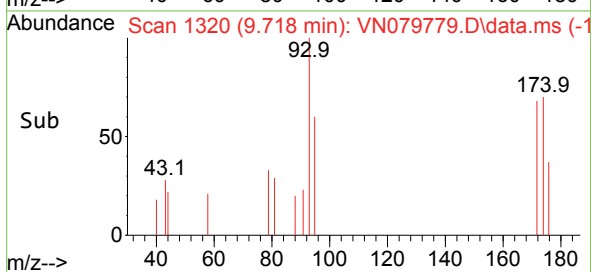
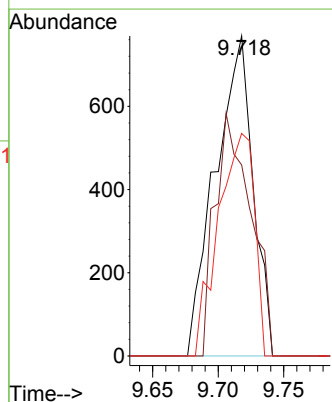
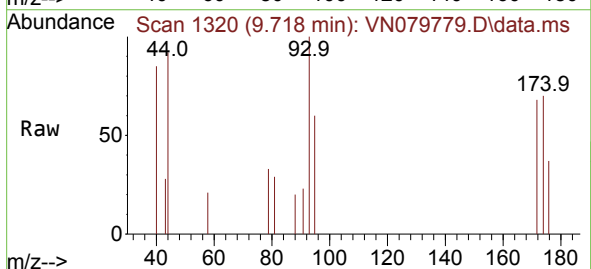
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

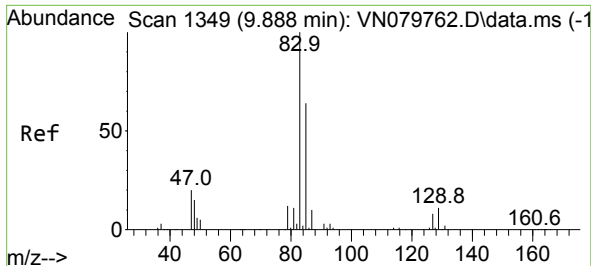
Tgt Ion: 63 Resp: 2123
Ion Ratio Lower Upper
63 100
65 24.1 23.9 35.9



#46
Dibromomethane
Concen: 0.584 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 93 Resp: 1536
Ion Ratio Lower Upper
93 100
95 72.1 63.8 95.8
174 66.9 65.6 98.4





#47

Bromodichloromethane

Concen: 0.645 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN079779.D

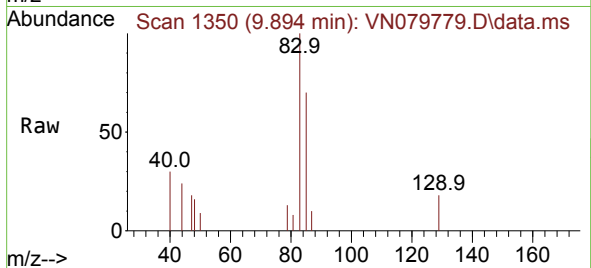
Acq: 01 Nov 2023 18:19

Instrument :

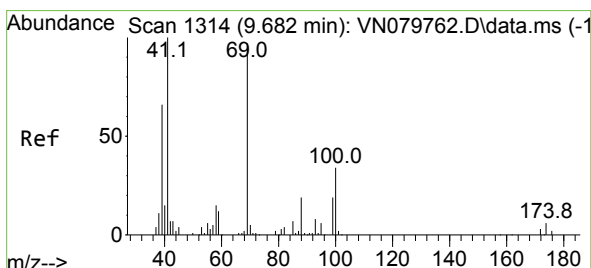
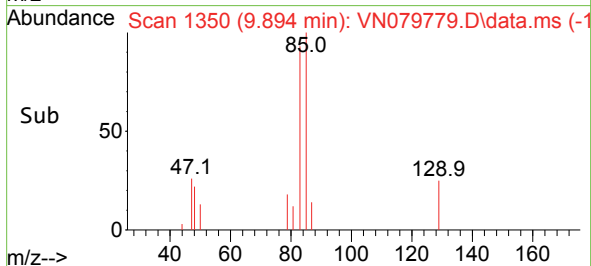
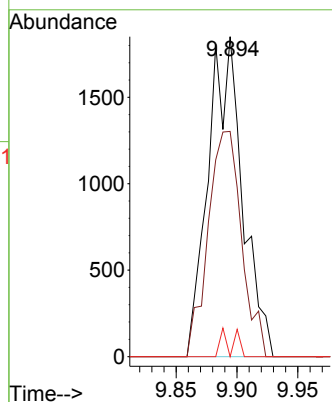
MSVOA_N

ClientSampleId :

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Tgt Ion: 83	Resp: 3620
Ion Ratio	Lower Upper
83	100
85	70.4 49.6 74.4
127	0.0 7.0 10.6



#48

Methyl methacrylate

Concen: 0.454 ug/l

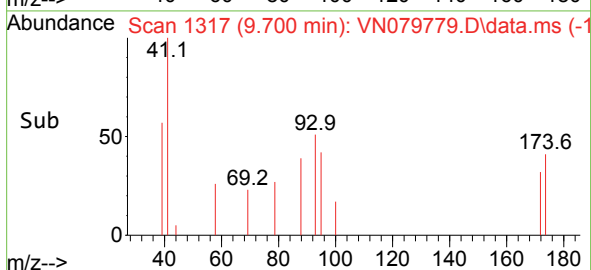
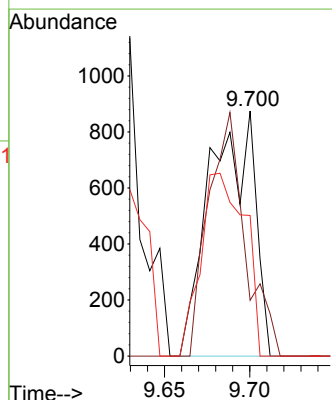
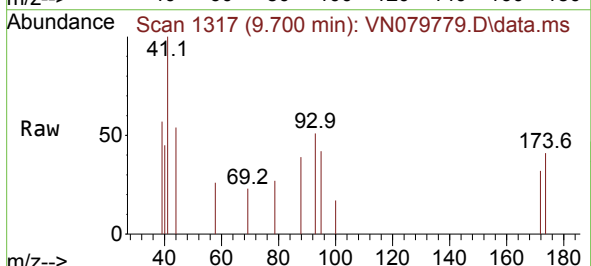
RT: 9.700 min Scan# 1317

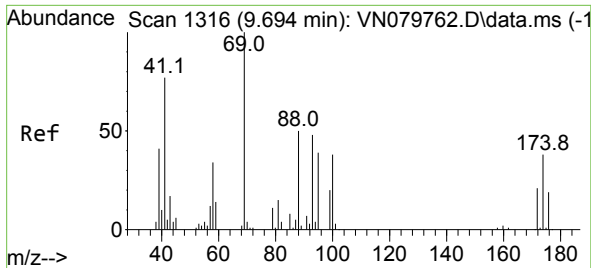
Delta R.T. 0.018 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

Tgt Ion: 41	Resp: 1610
Ion Ratio	Lower Upper
41	100
69	81.2 90.4 135.6
39	73.2 54.6 81.8

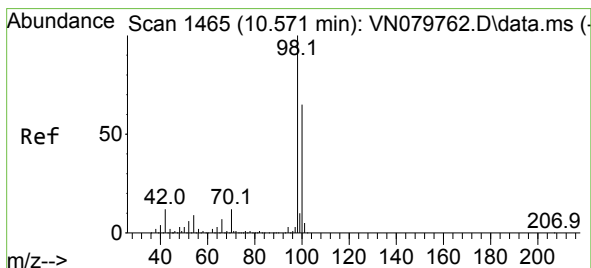
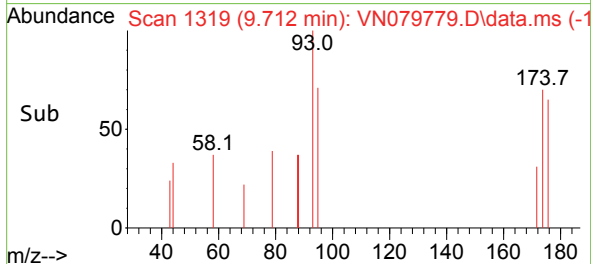
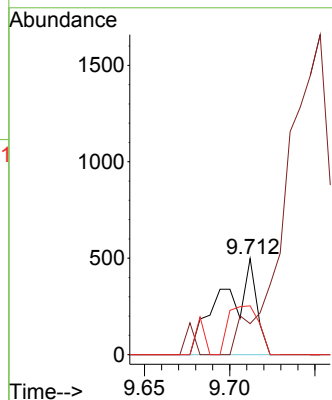
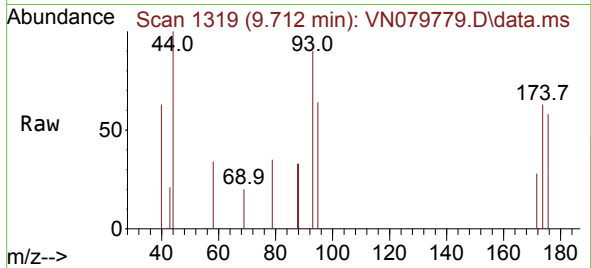




#49
1,4-Dioxane
Concen: 10.751 ug/l
RT: 9.712 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

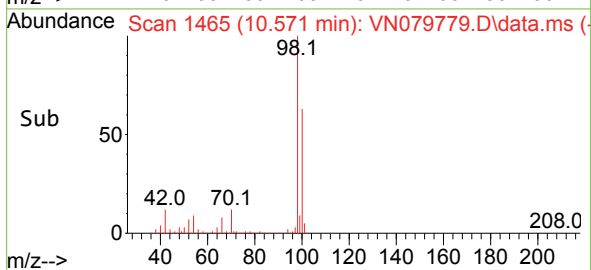
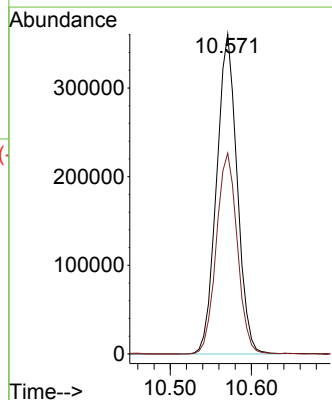
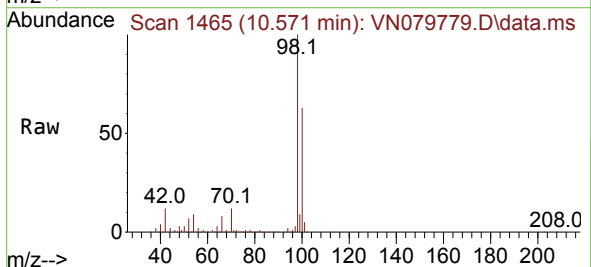
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

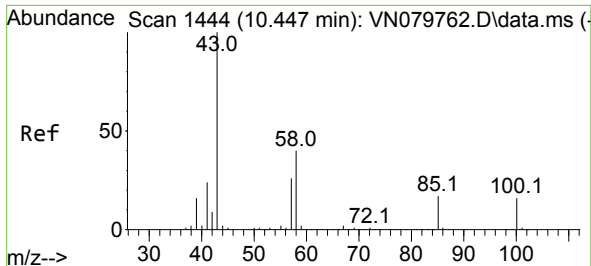
Tgt Ion: 88 Resp: 674
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 46.7 47.0 70.4#



#50
Toluene-d8
Concen: 48.864 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 98 Resp: 634482
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

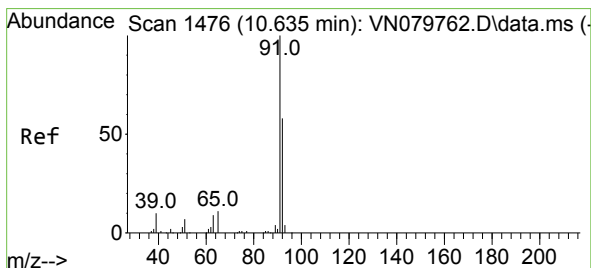
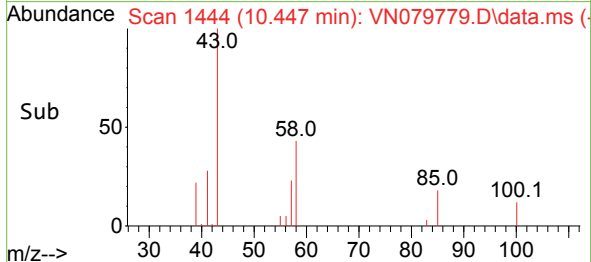
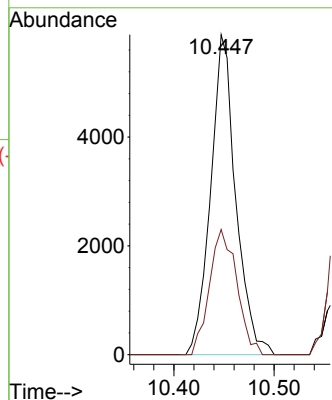
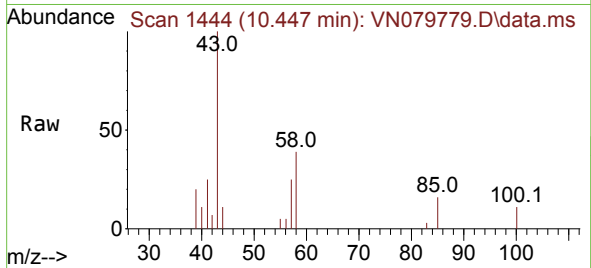




#51
4-Methyl-2-Pentanone
Concen: 2.245 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

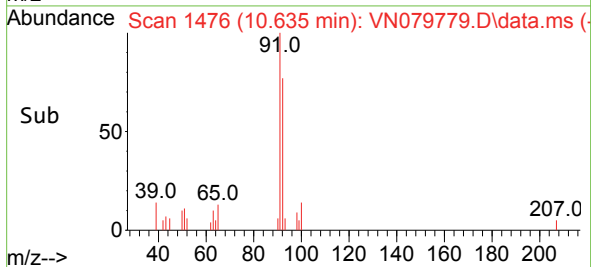
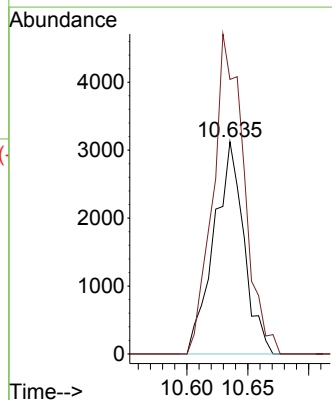
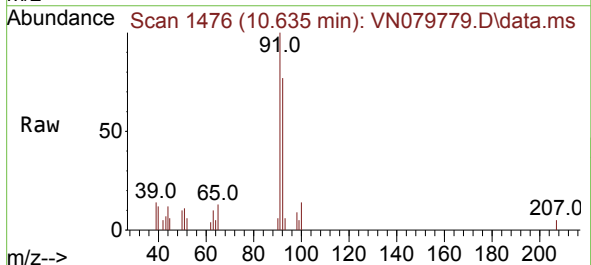
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

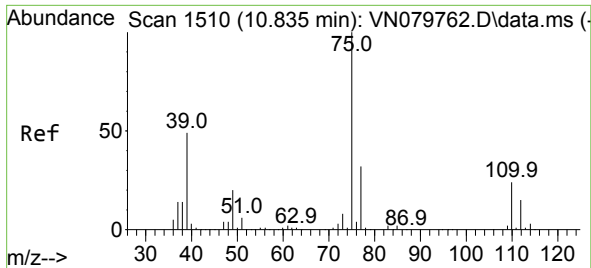
Tgt Ion: 43 Resp: 10238
Ion Ratio Lower Upper
43 100
58 42.7 36.6 54.8



#52
Toluene
Concen: 0.599 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 92 Resp: 5356
Ion Ratio Lower Upper
92 100
91 156.7 137.4 206.0

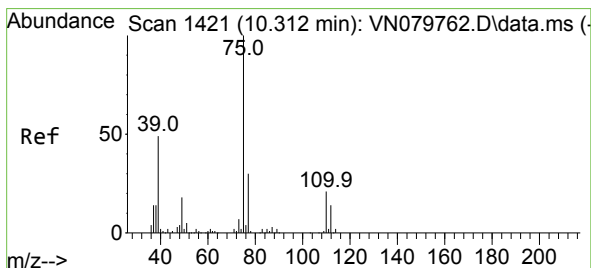
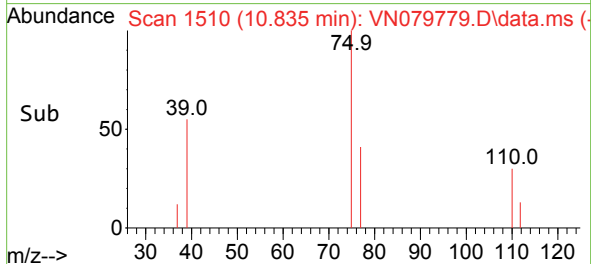
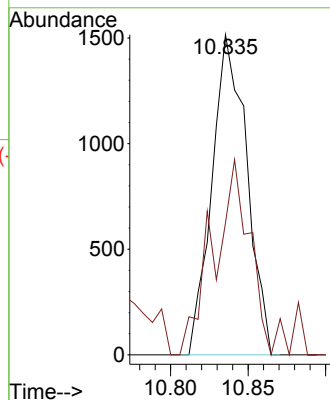
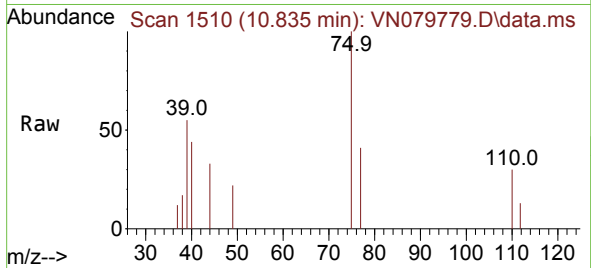




#53
 t-1,3-Dichloropropene
 Concen: 0.429 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

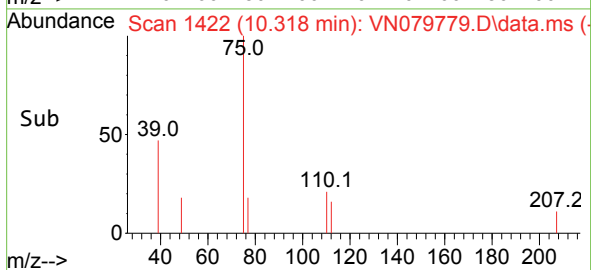
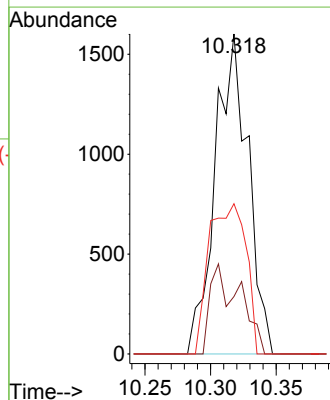
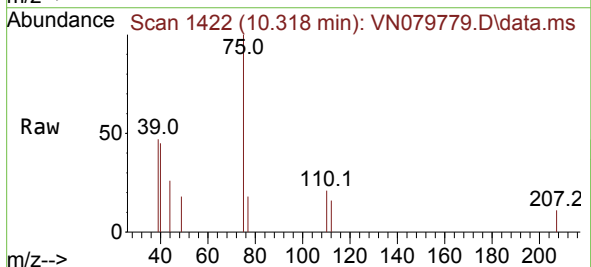
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

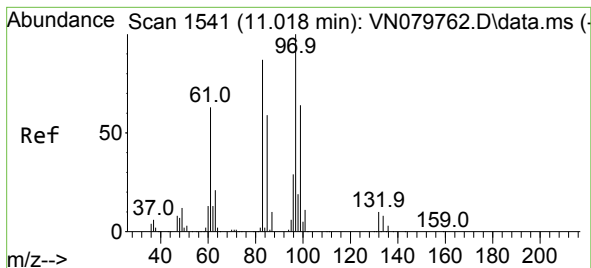
Tgt Ion: 75 Resp: 2362
 Ion Ratio Lower Upper
 75 100
 77 41.2 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 0.465 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

Tgt Ion: 75 Resp: 2790
 Ion Ratio Lower Upper
 75 100
 77 18.0 26.1 39.1#
 39 46.9 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 0.549 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN079779.D

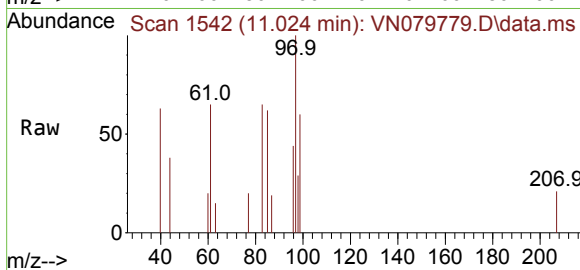
Acq: 01 Nov 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 97 Resp: 1973

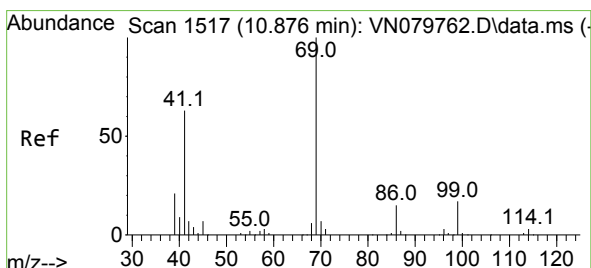
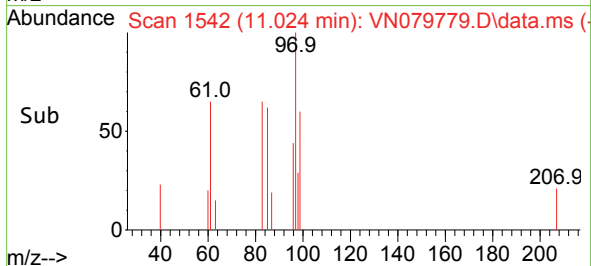
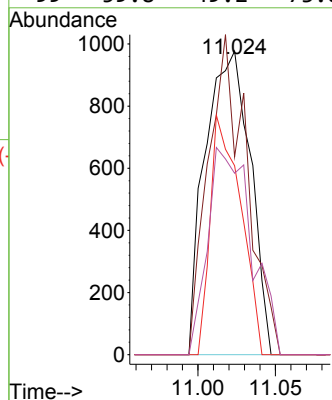
Ion Ratio Lower Upper

97 100

83 65.2 65.1 97.7

85 62.2 43.4 65.2

99 59.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 0.390 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

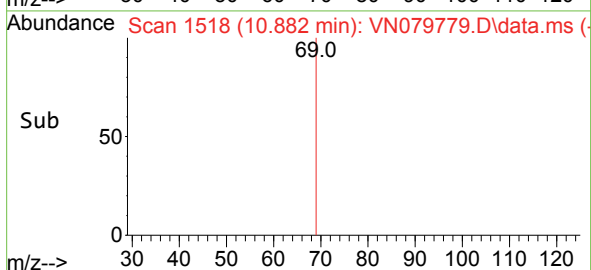
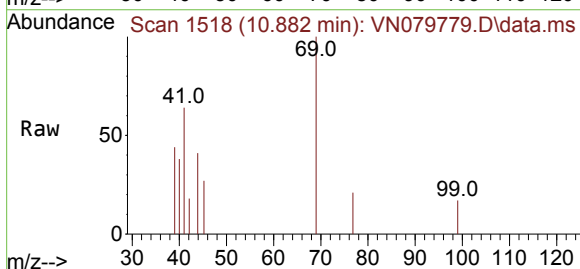
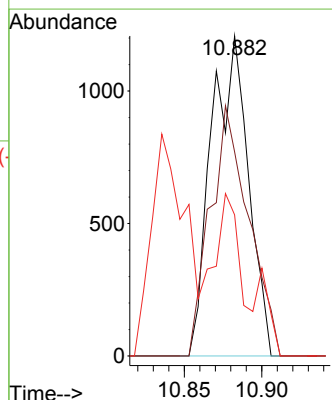
Tgt Ion: 69 Resp: 2003

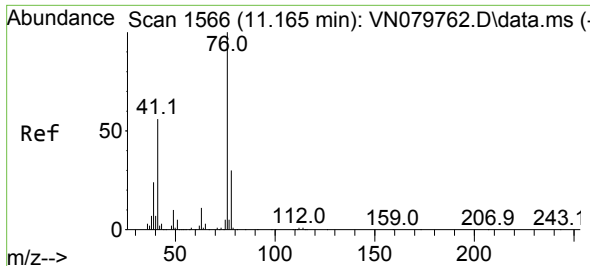
Ion Ratio Lower Upper

69 100

41 81.4 39.6 59.4#

39 20.3 28.6 43.0#

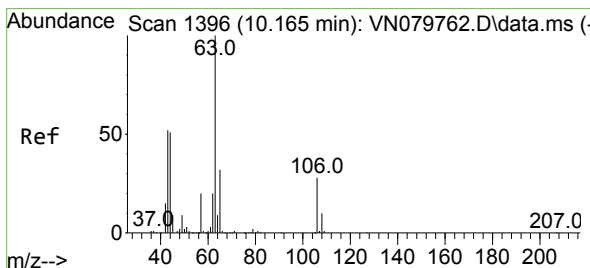
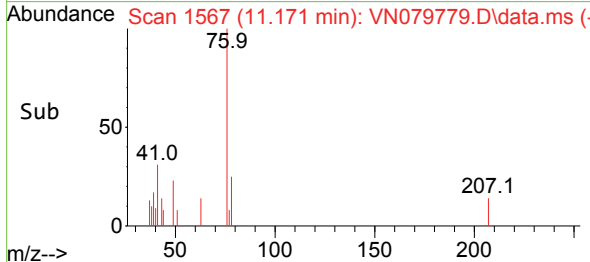
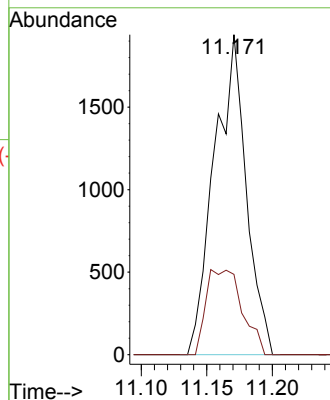
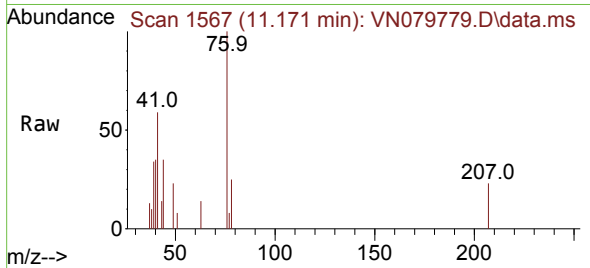




#57
1,3-Dichloropropane
Concen: 0.517 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

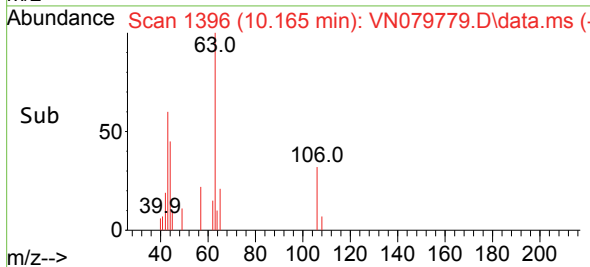
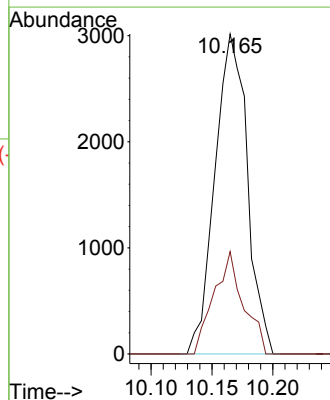
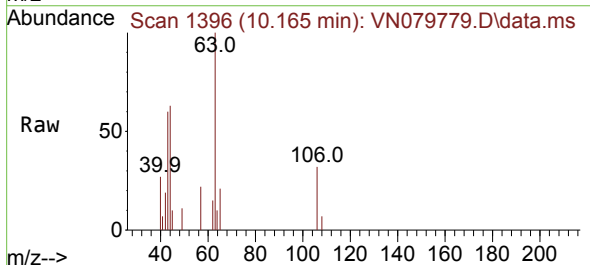
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

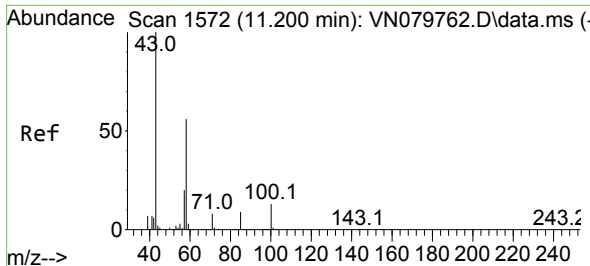
Tgt Ion: 76 Resp: 3277
Ion Ratio Lower Upper
76 100
78 30.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 2.141 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 63 Resp: 5568
Ion Ratio Lower Upper
63 100
106 29.3 26.2 39.4

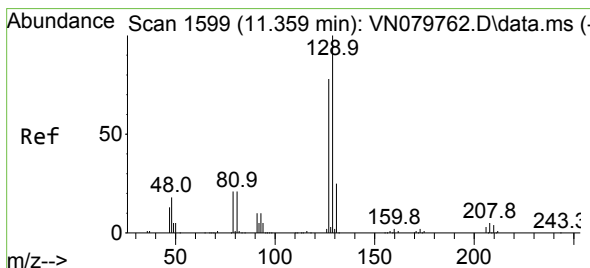
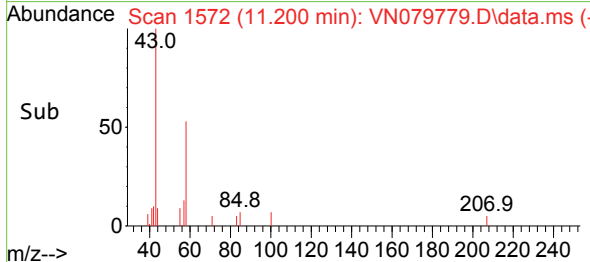
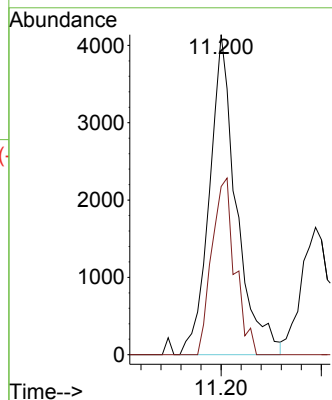
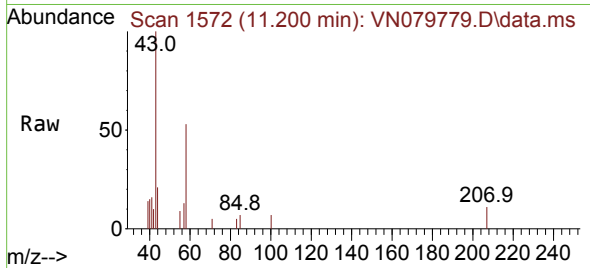




#59
2-Hexanone
Concen: 2.221 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

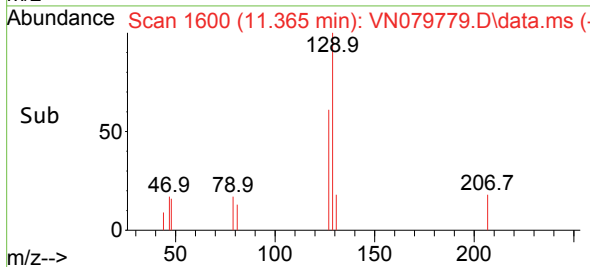
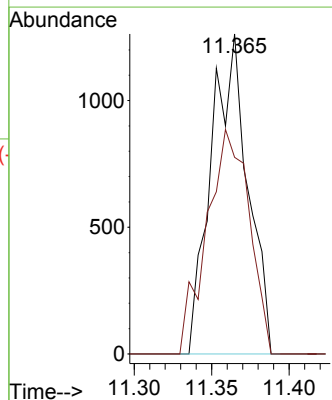
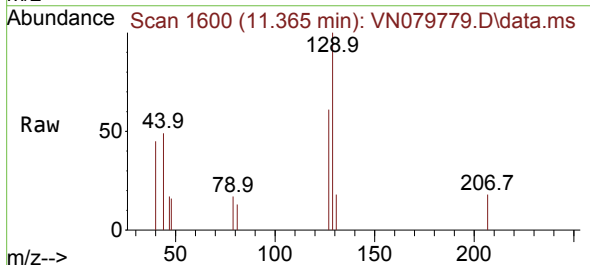
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

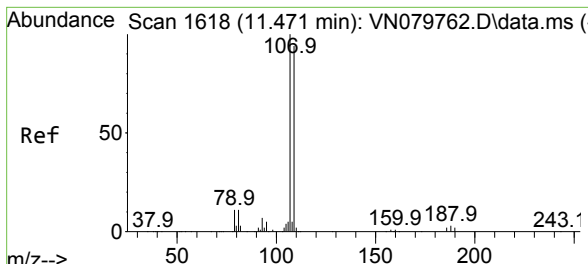
Tgt Ion: 43 Resp: 7747
Ion Ratio Lower Upper
43 100
58 47.3 31.7 95.1



#60
Dibromochloromethane
Concen: 0.540 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 129 Resp: 2079
Ion Ratio Lower Upper
129 100
127 81.0 38.6 116.0

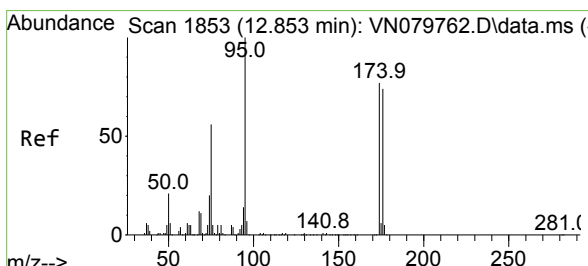
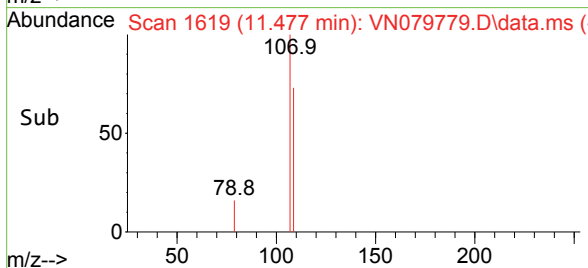
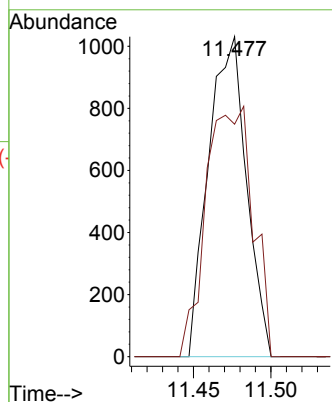
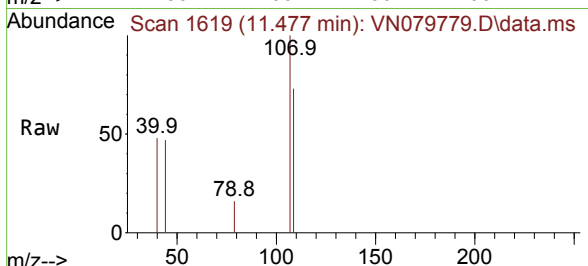




#61
 1,2-Dibromoethane
 Concen: 0.486 ug/l
 RT: 11.477 min Scan# 1619
 Delta R.T. 0.006 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

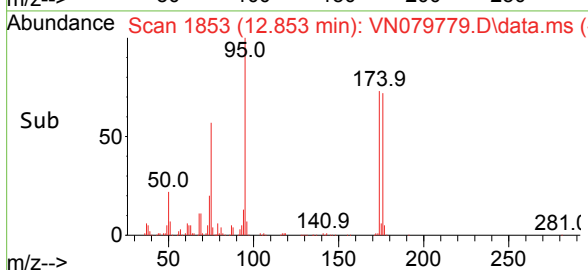
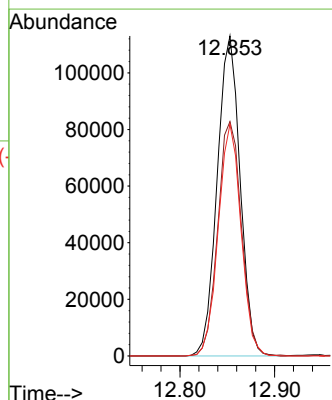
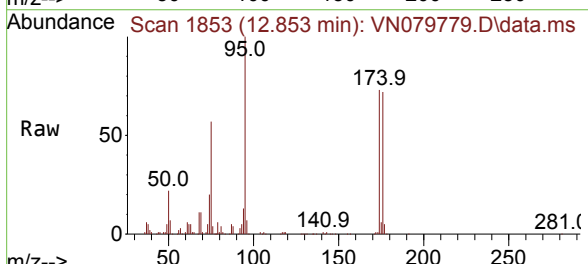
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

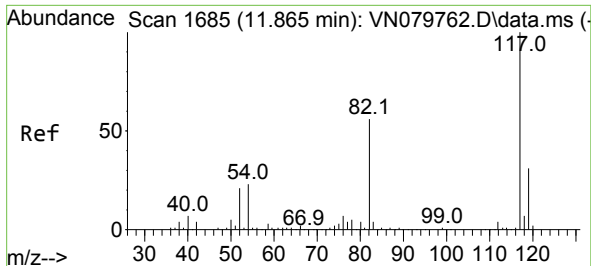
Tgt Ion:	107	Resp:	1755
Ion	Ratio	Lower	Upper
107	100		
109	96.4	76.6	114.8



#62
 4-Bromofluorobenzene
 Concen: 44.197 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

Tgt Ion:	95	Resp:	190328
Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	143.8
176	71.8	0.0	135.8

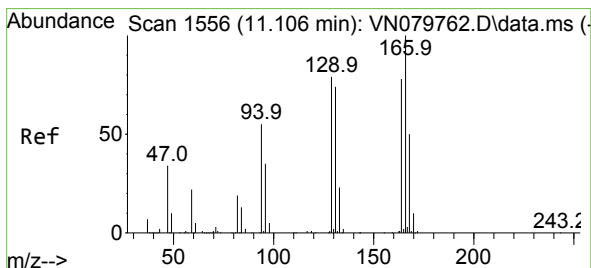
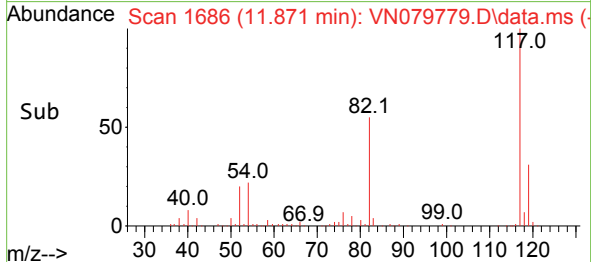
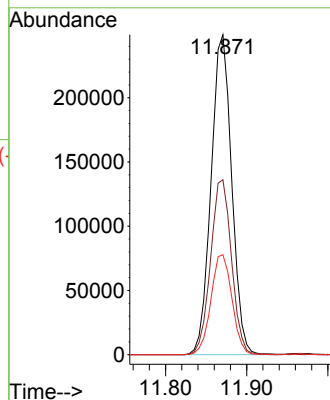
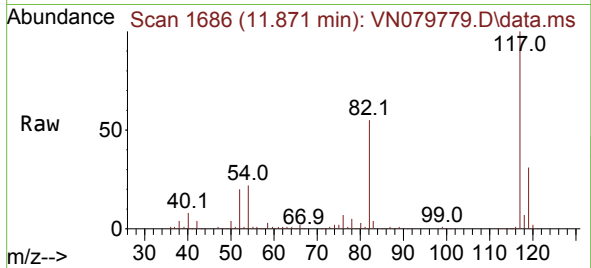




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

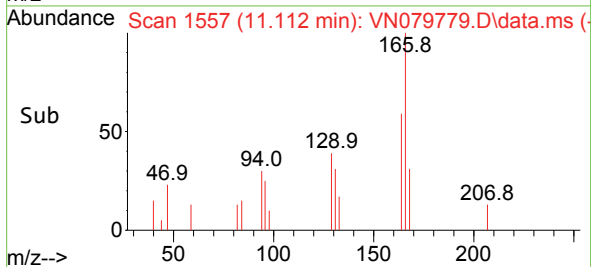
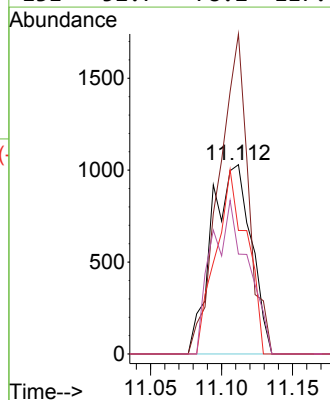
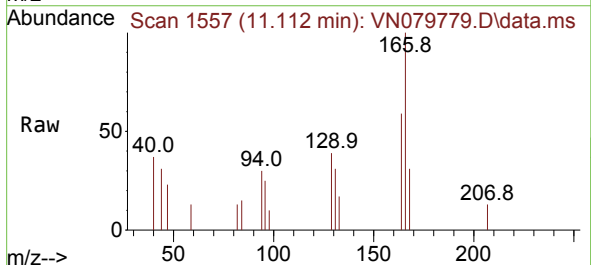
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

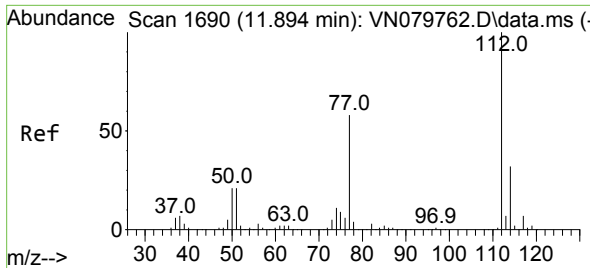
Tgt Ion:117 Resp: 439100
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 31.3 25.6 38.4



#64
Tetrachloroethene
Concen: 0.699 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion:164 Resp: 1988
Ion Ratio Lower Upper
164 100
166 169.0 101.4 152.0#
129 65.2 82.4 123.6#
131 52.7 78.2 117.4#

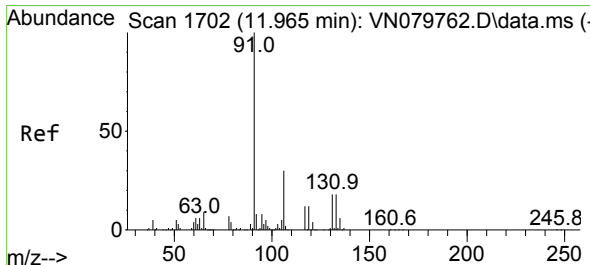
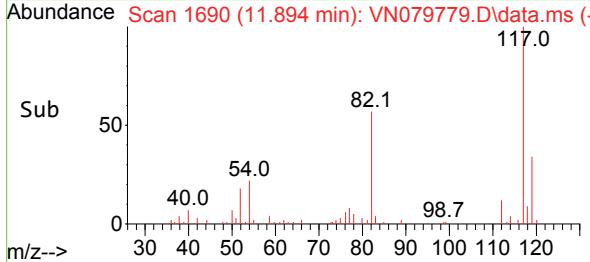
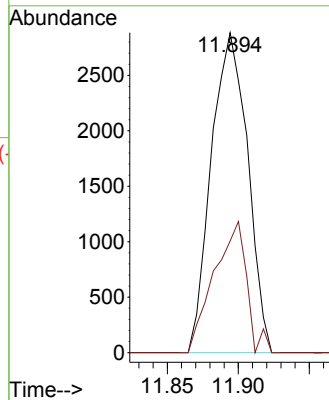
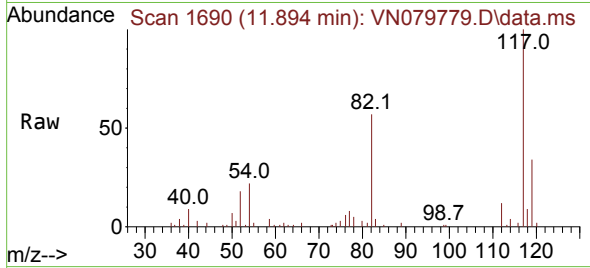




#65
Chlorobenzene
Concen: 0.539 ug/l
RT: 11.894 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

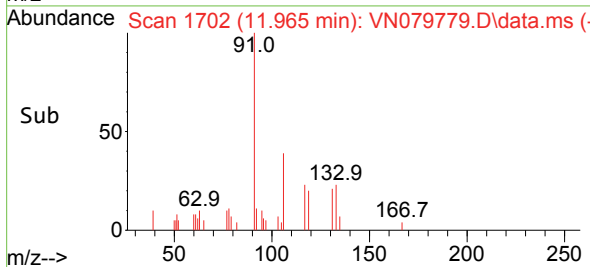
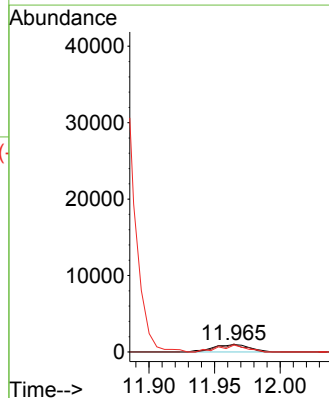
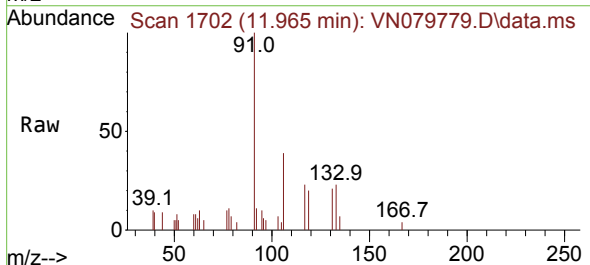
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

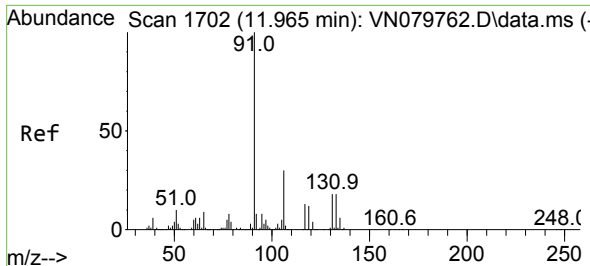
Tgt Ion:112 Resp: 5130
Ion Ratio Lower Upper
112 100
114 34.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.557 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion:131 Resp: 1911
Ion Ratio Lower Upper
131 100
133 80.8 46.4 139.1
119 0.0 34.1 102.2#

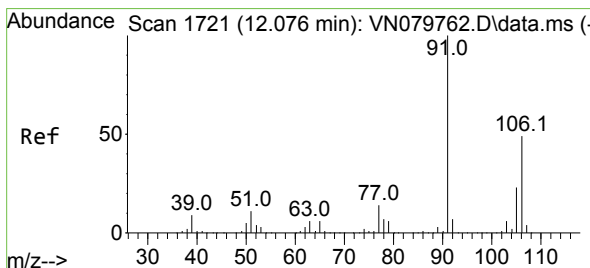
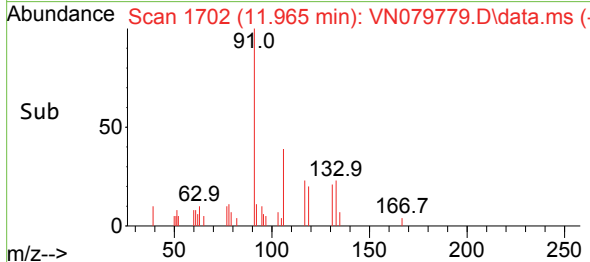
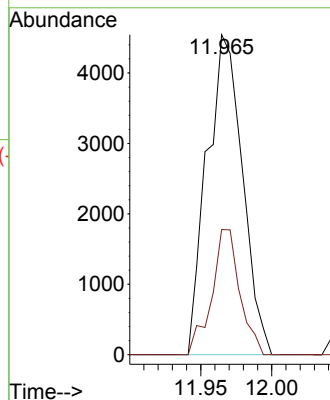
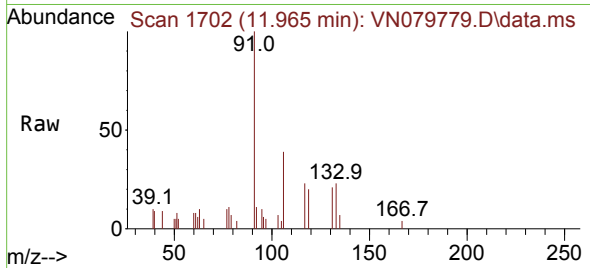




#67
Ethyl Benzene
Concen: 0.475 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

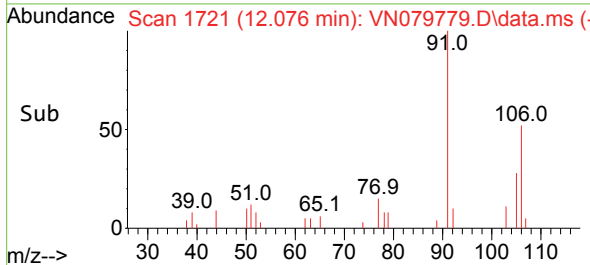
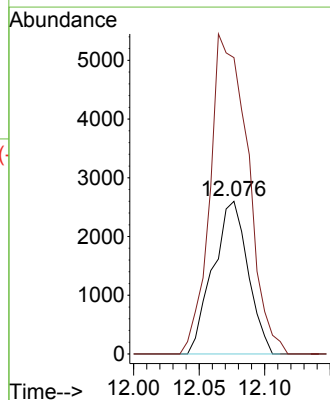
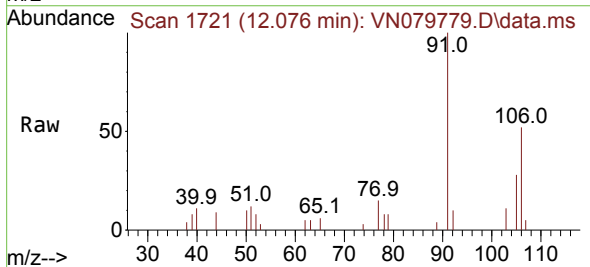
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

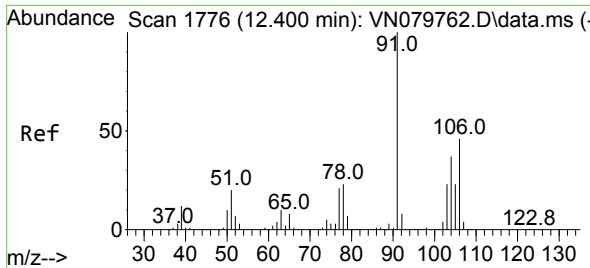
Tgt Ion: 91 Resp: 7880
Ion Ratio Lower Upper
91 100
106 39.1 25.6 38.4#



#68
m/p-Xylenes
Concen: 0.779 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 106 Resp: 4815
Ion Ratio Lower Upper
106 100
91 226.6 159.6 239.4

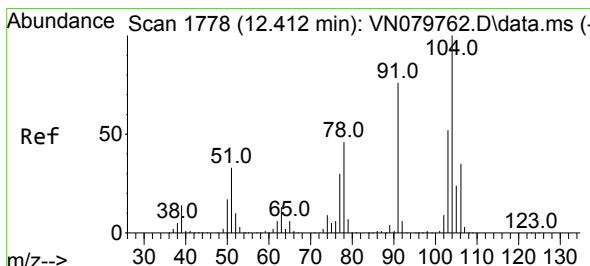
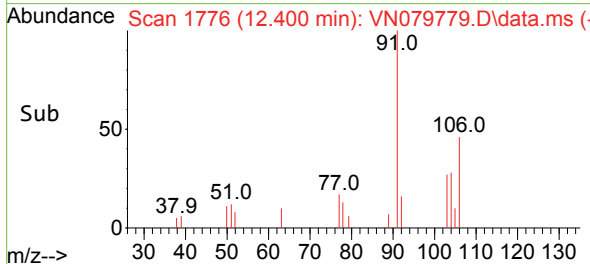
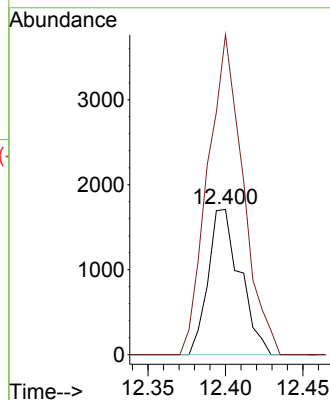
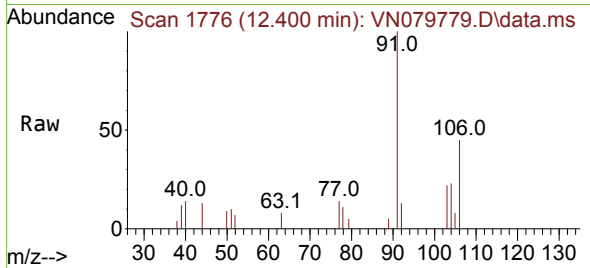




#69
o-Xylene
Concen: 0.412 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

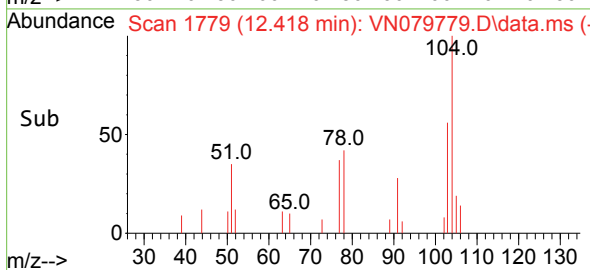
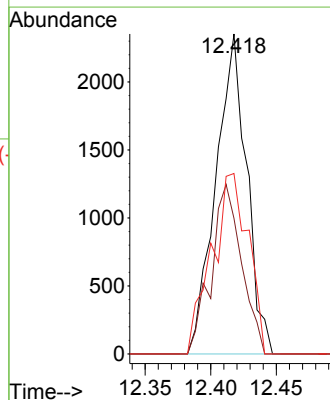
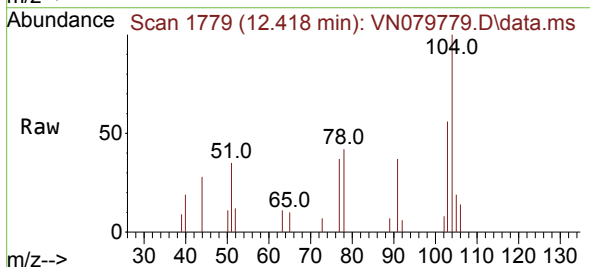
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

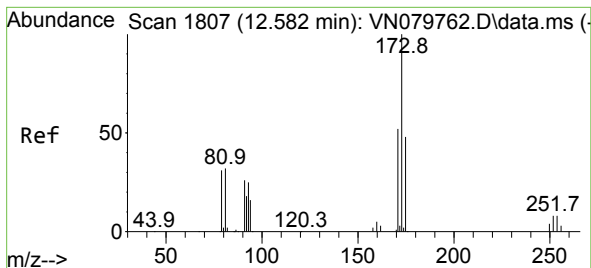
Tgt Ion:106 Resp: 2454
Ion Ratio Lower Upper
106 100
91 242.8 105.2 315.5



#70
Styrene
Concen: 0.402 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion:104 Resp: 3845
Ion Ratio Lower Upper
104 100
78 52.2 39.5 59.3
103 66.8 43.2 64.8#





#71

Bromoform

Concen: 0.502 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079779.D

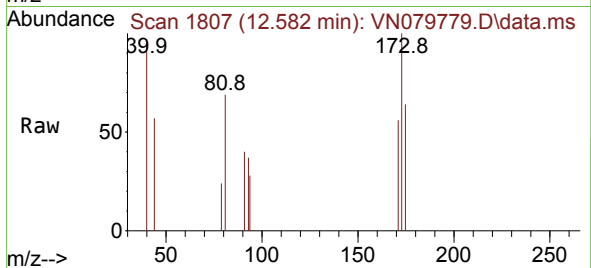
Acq: 01 Nov 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



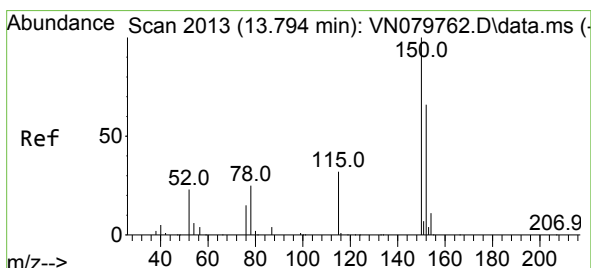
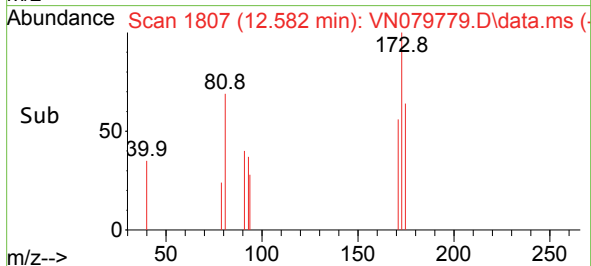
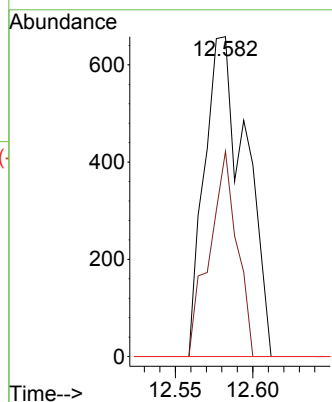
Tgt Ion:173 Resp: 1223

Ion Ratio Lower Upper

173 100

175 42.8 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: VN079779.D

Acq: 01 Nov 2023 18:19

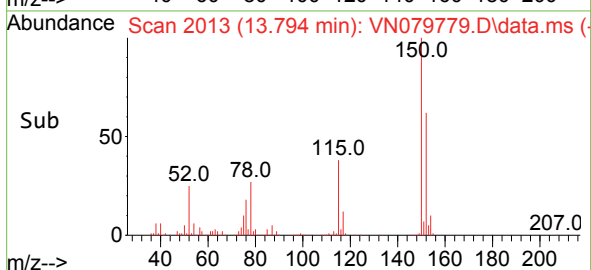
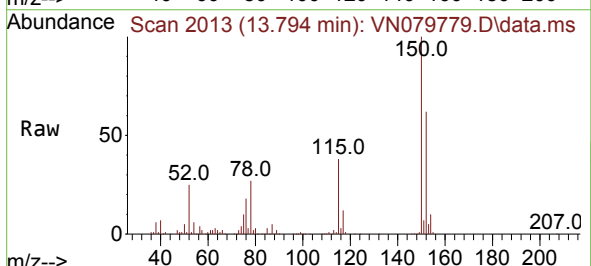
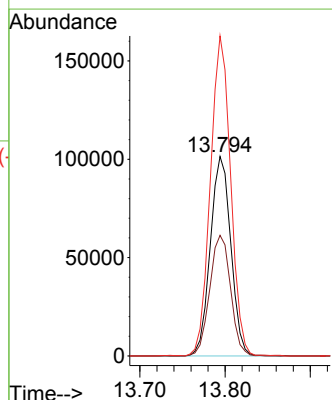
Tgt Ion:152 Resp: 169543

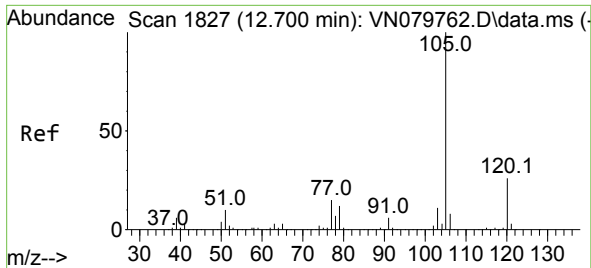
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 158.4 0.0 355.8

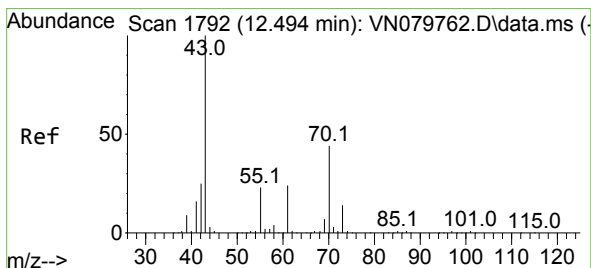
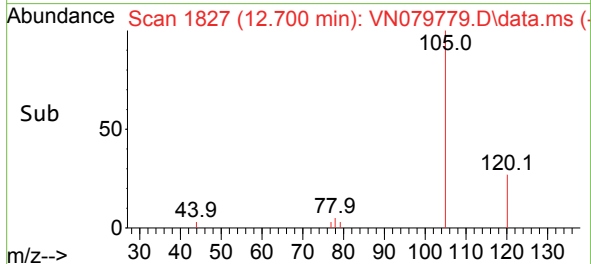
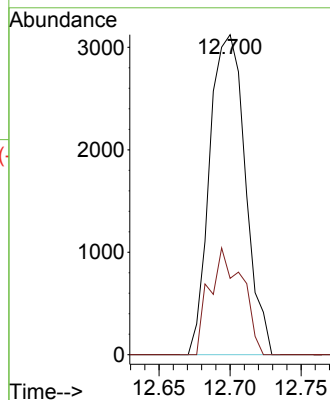
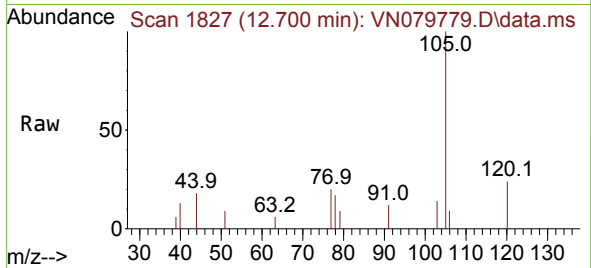




#73
Isopropylbenzene
Concen: 0.423 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

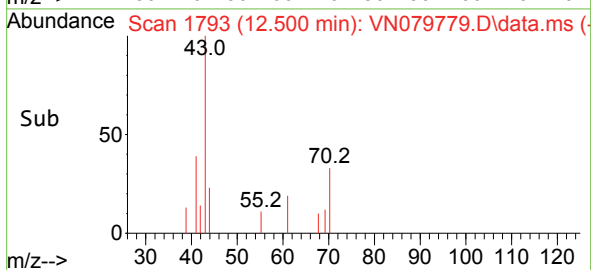
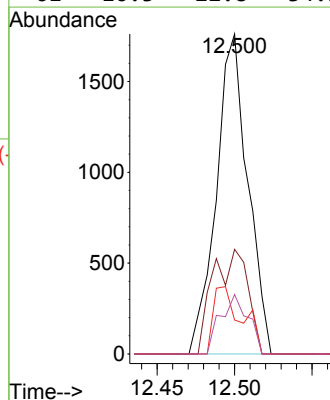
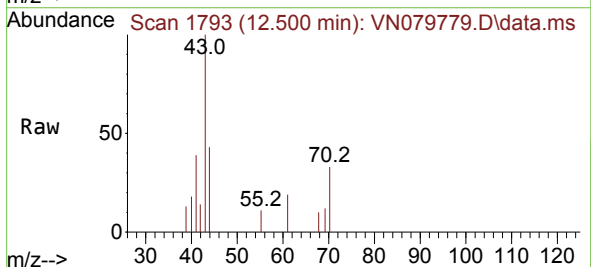
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

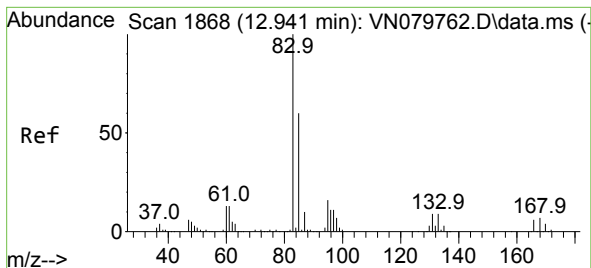
Tgt Ion:105 Resp: 5448
Ion Ratio Lower Upper
105 100
120 30.7 13.1 39.1



#74
N-ethyl acetate
Concen: 0.442 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 43 Resp: 2483
Ion Ratio Lower Upper
43 100
70 36.3 43.4 65.2#
55 18.9 21.4 32.0#
61 16.3 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.652 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

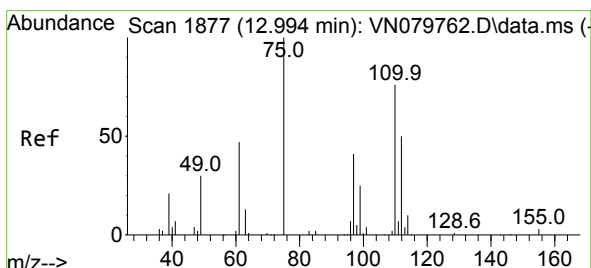
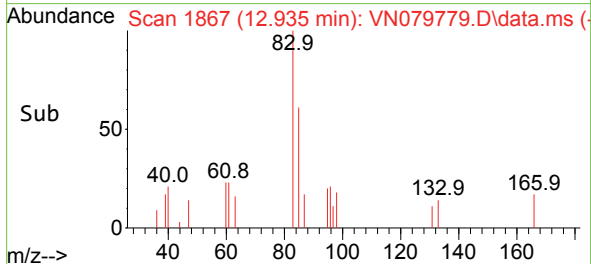
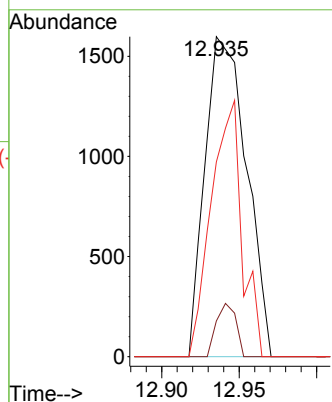
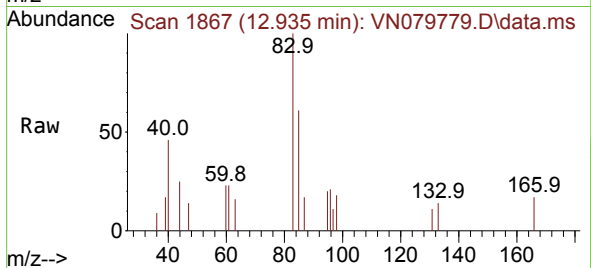
Tgt Ion: 83 Resp: 2976

Ion Ratio Lower Upper

83 100

131 7.8 5.0 15.0

85 59.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 0.966 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079779.D

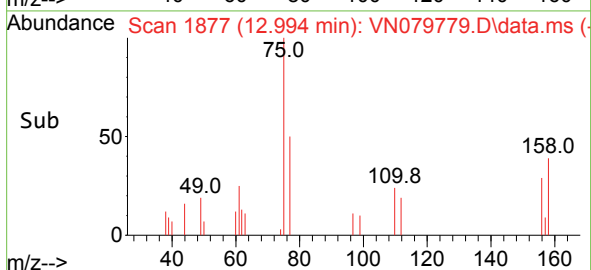
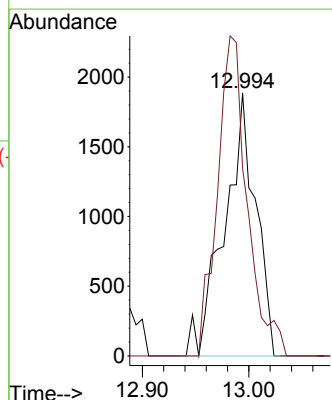
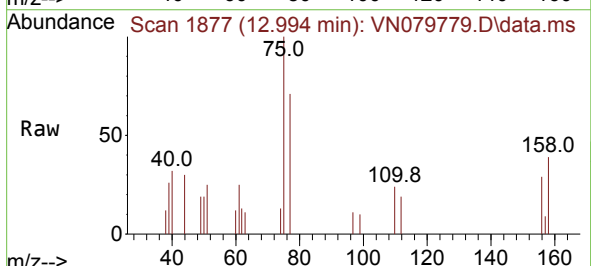
Acq: 01 Nov 2023 18:19

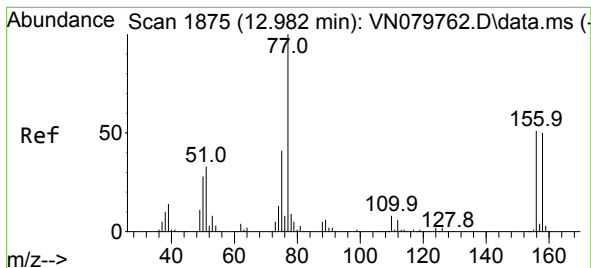
Tgt Ion: 75 Resp: 3844

Ion Ratio Lower Upper

75 100

77 116.0 84.5 253.5





#77

Bromobenzene

Concen: 0.553 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

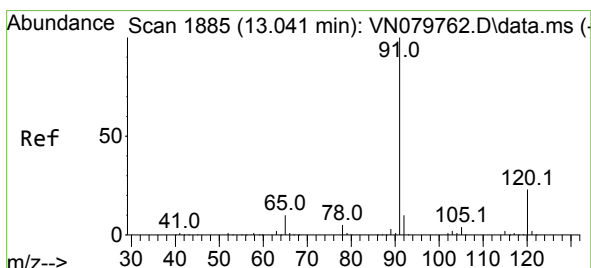
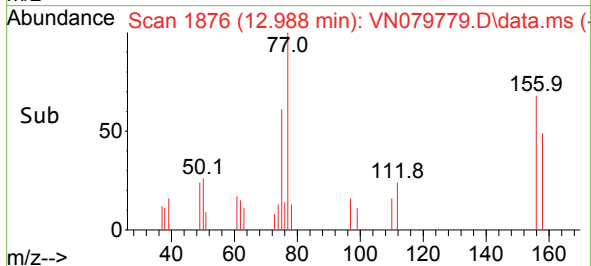
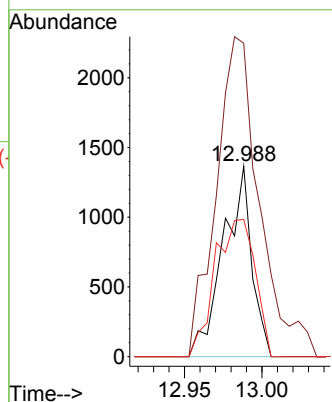
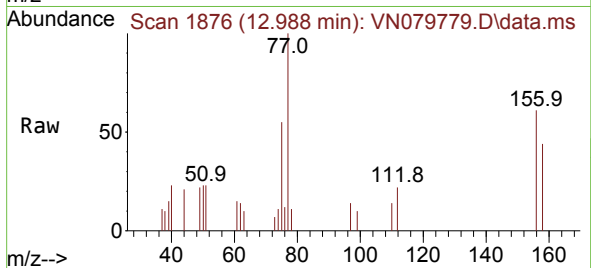
Tgt Ion:156 Resp: 1741

Ion Ratio Lower Upper

156 100

77 256.1 107.7 323.3

158 101.8 48.4 145.3



#78

n-propylbenzene

Concen: 0.482 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN079779.D

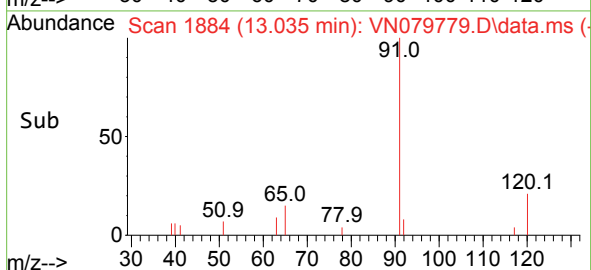
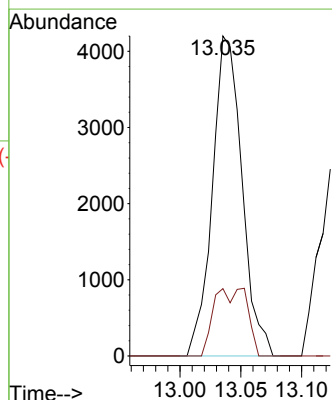
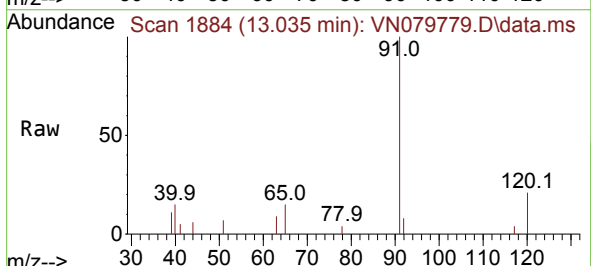
Acq: 01 Nov 2023 18:19

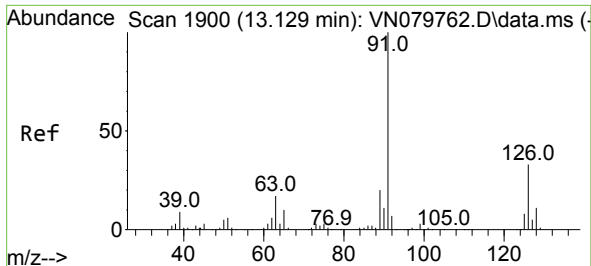
Tgt Ion: 91 Resp: 7107

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4

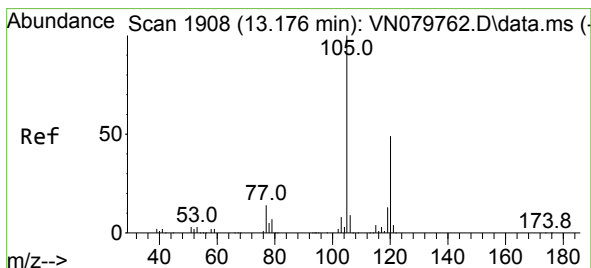
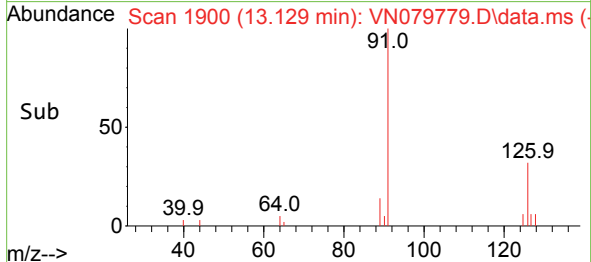
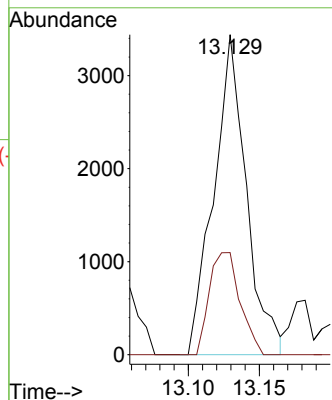
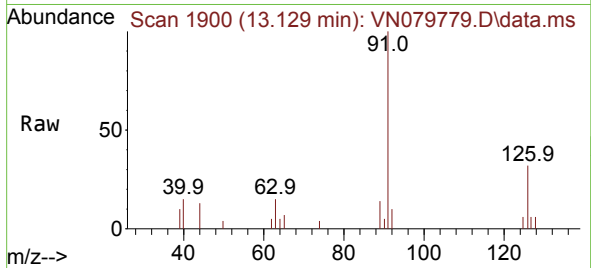




#79
2-Chlorotoluene
Concen: 0.582 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

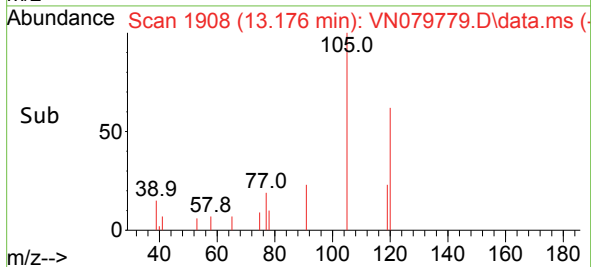
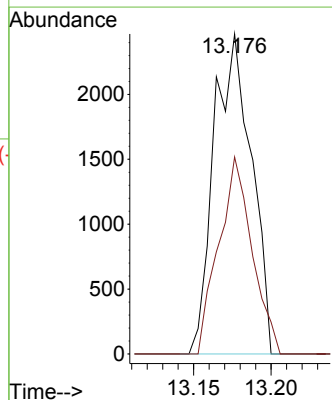
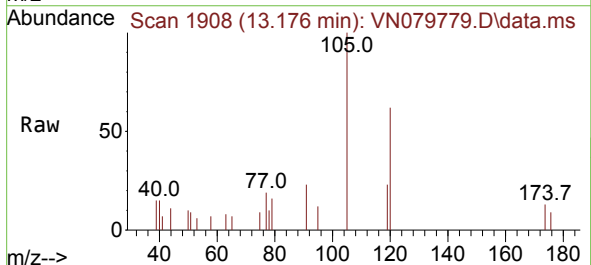
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

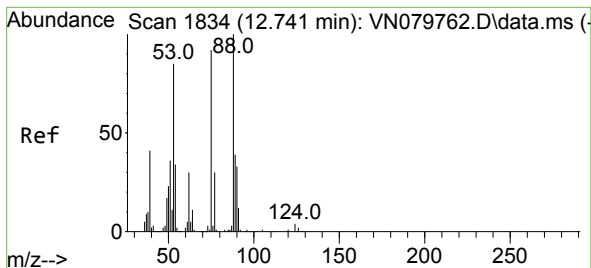
Tgt Ion: 91 Resp: 5481
Ion Ratio Lower Upper
91 100
126 30.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.413 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 105 Resp: 4136
Ion Ratio Lower Upper
105 100
120 54.9 24.1 72.3

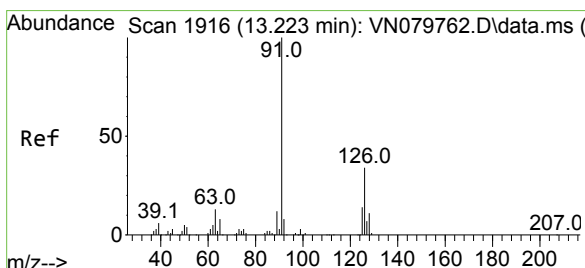
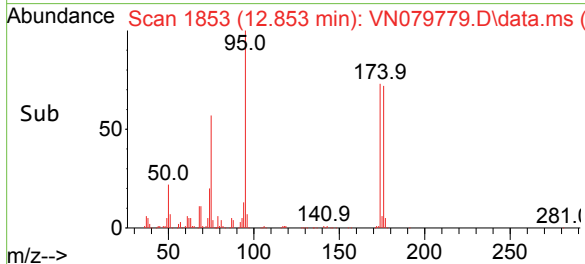
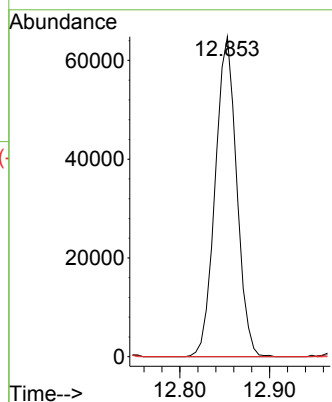
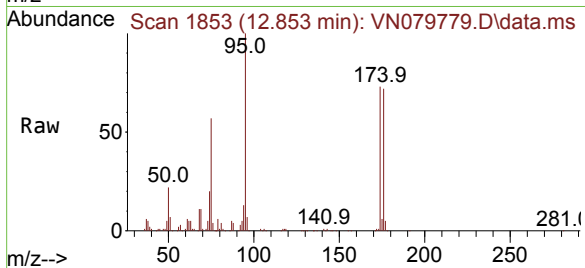




#81
trans-1,4-Dichloro-2-butene
Concen: 73.595 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

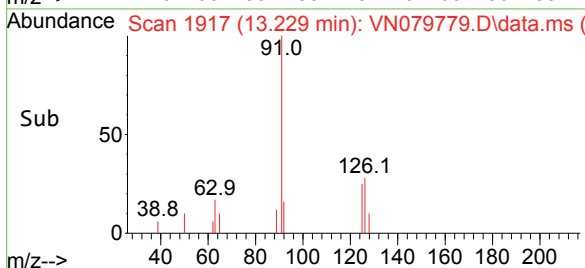
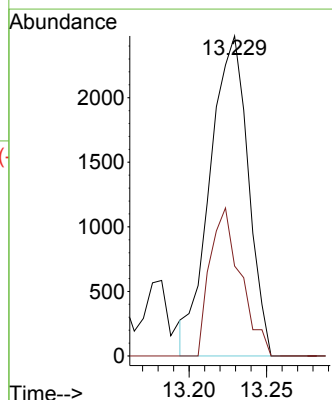
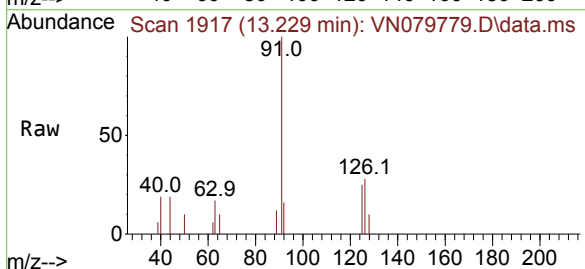
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

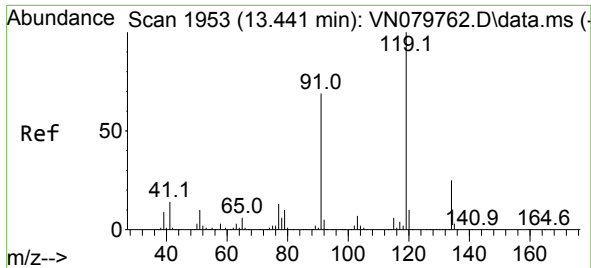
Tgt Ion: 75 Resp: 107666
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.452 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 91 Resp: 4227
Ion Ratio Lower Upper
91 100
126 37.4 16.7 50.0

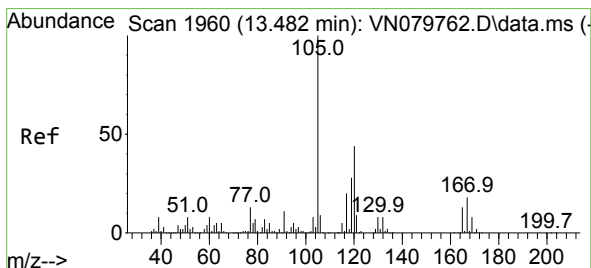
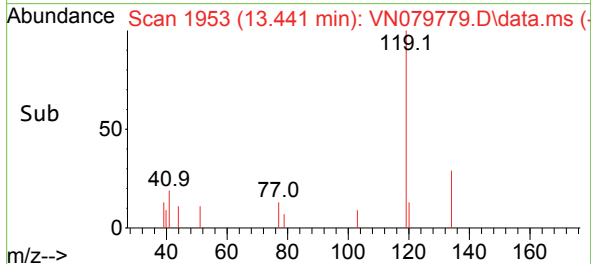
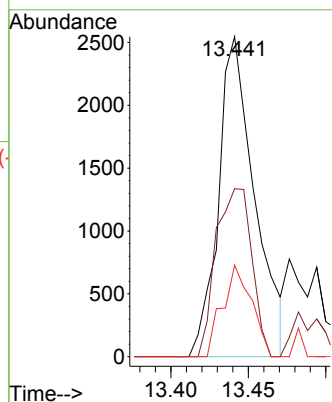
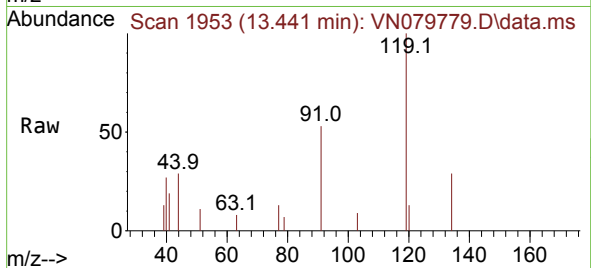




#83
 tert-Butylbenzene
 Concen: 0.503 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

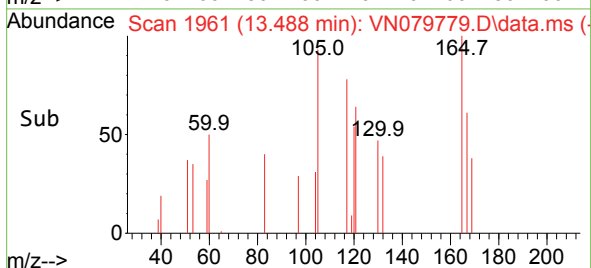
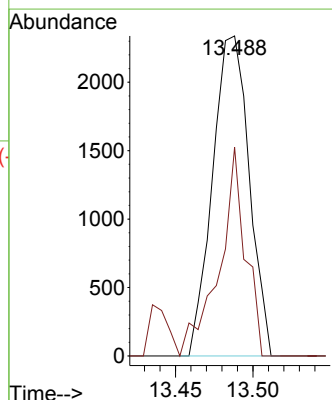
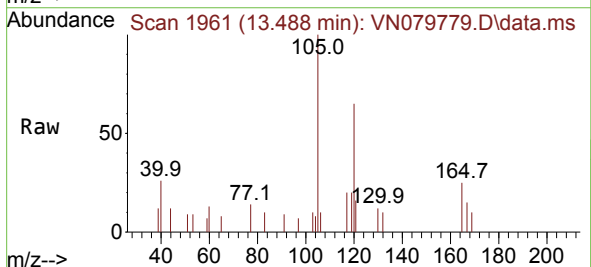
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

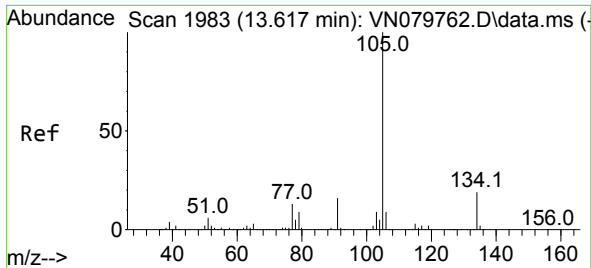
Tgt Ion:	119	Resp:	4123
Ion	Ratio	Lower	Upper
119	100		
91	52.1	33.9	101.7
134	23.0	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 0.390 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

Tgt Ion:	105	Resp:	3843
Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.0	66.0

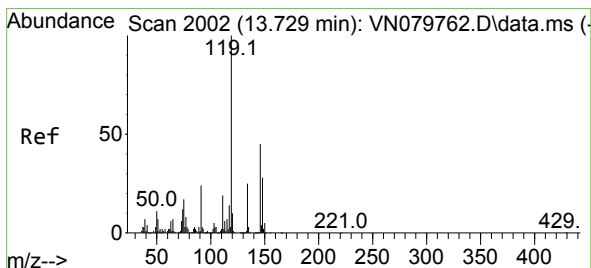
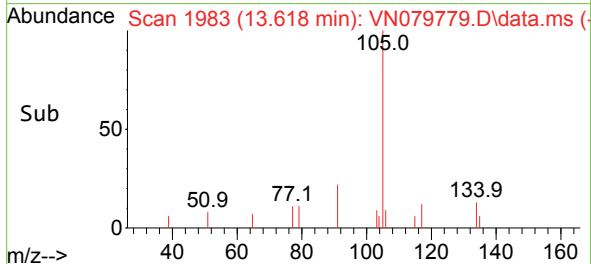
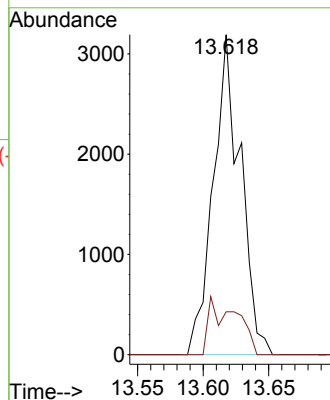
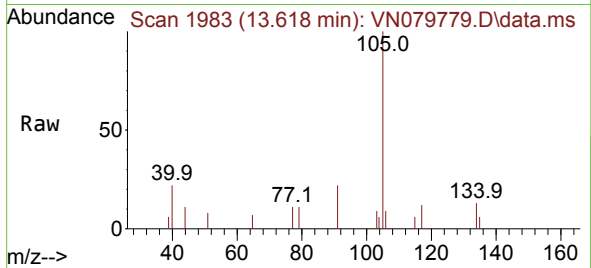




#85
 sec-Butylbenzene
 Concen: 0.406 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

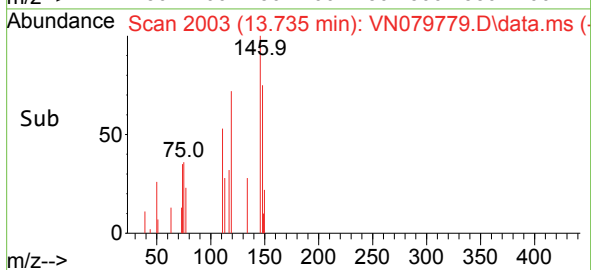
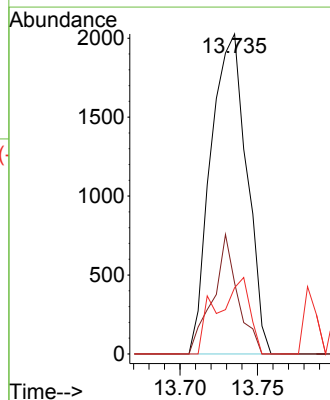
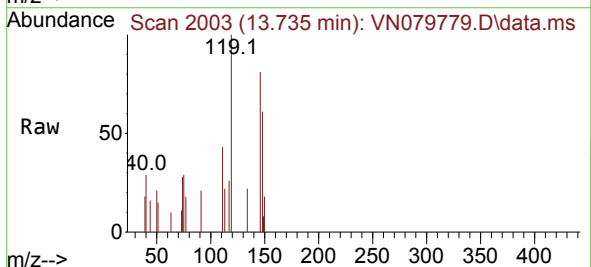
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

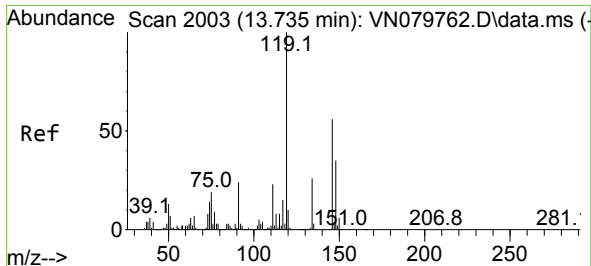
Tgt Ion:105 Resp: 4609
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.353 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079779.D
 Acq: 01 Nov 2023 18:19

Tgt Ion:119 Resp: 3267
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 21.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.505 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

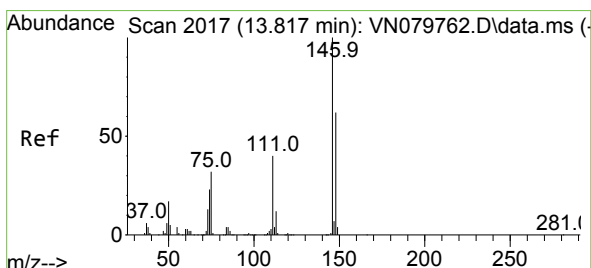
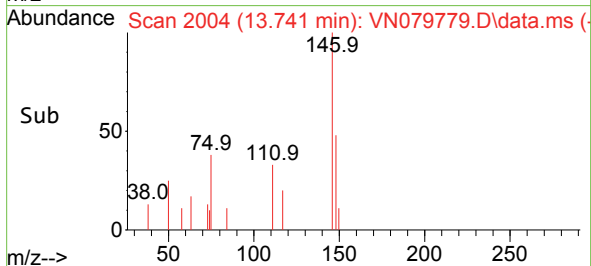
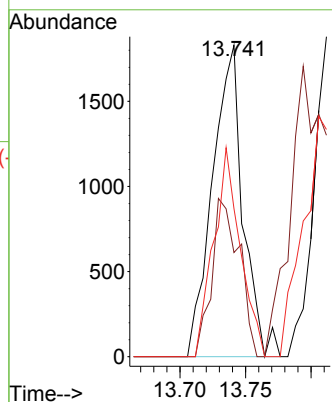
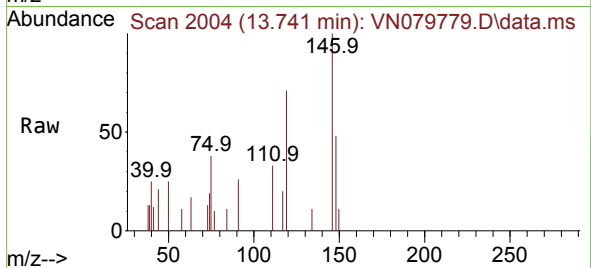
Tgt Ion:146 Resp: 2962

Ion Ratio Lower Upper

146 100

111 45.9 22.1 66.3

148 58.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.498 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.076 min

Lab File: VN079779.D

Acq: 01 Nov 2023 18:19

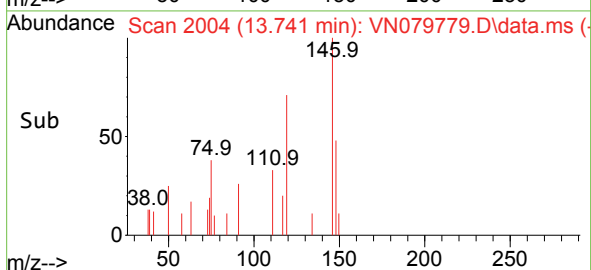
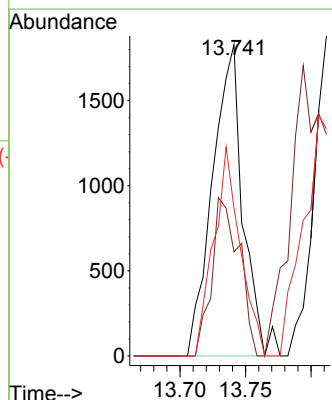
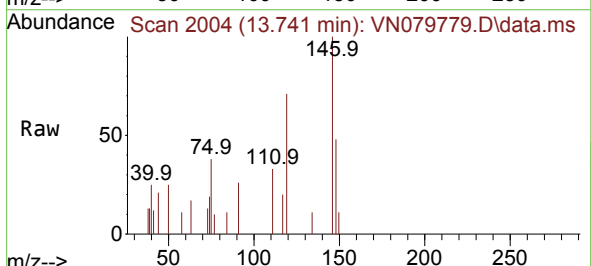
Tgt Ion:146 Resp: 2962

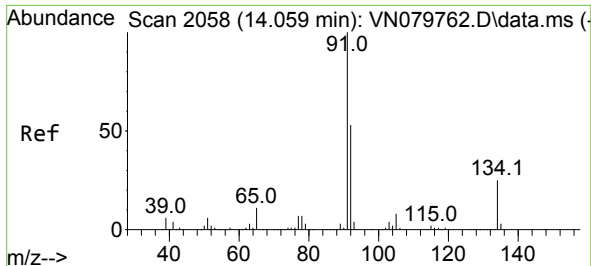
Ion Ratio Lower Upper

146 100

111 45.9 20.6 61.8

148 58.5 31.6 94.8

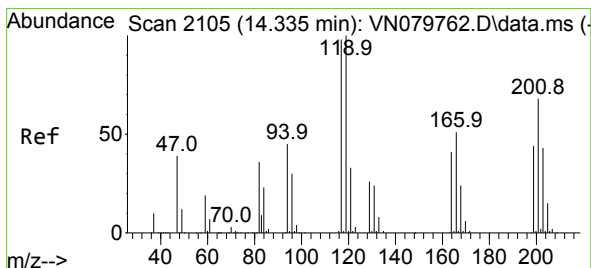
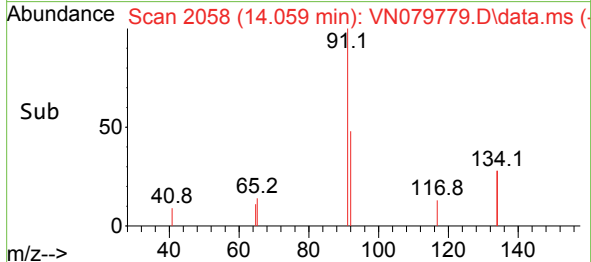
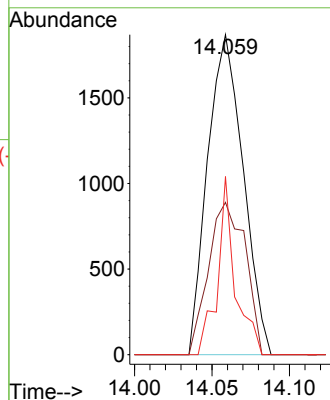
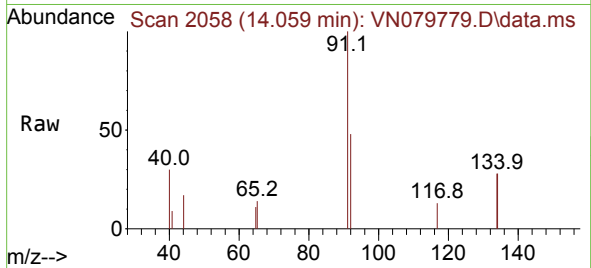




#89
n-Butylbenzene
Concen: 0.374 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

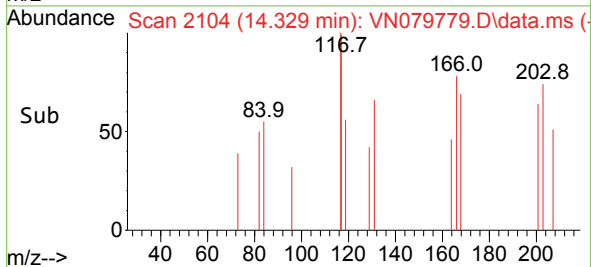
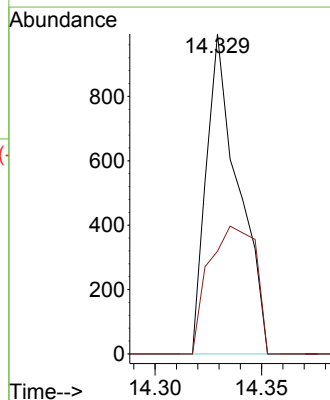
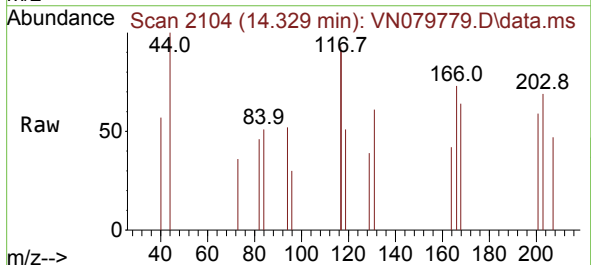
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

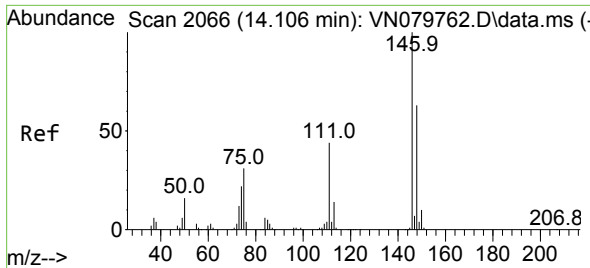
Tgt Ion: 91 Resp: 2982
Ion Ratio Lower Upper
91 100
92 49.3 26.4 79.0
134 27.2 12.6 37.6



#90
Hexachloroethane
Concen: 0.566 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 117 Resp: 1038
Ion Ratio Lower Upper
117 100
201 58.5 29.3 88.0

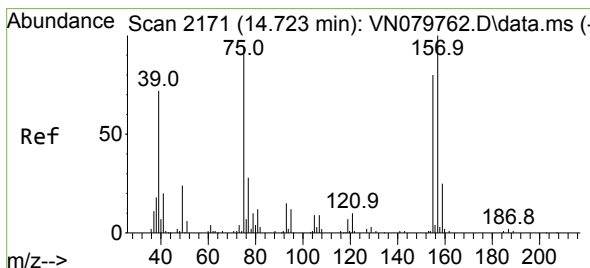
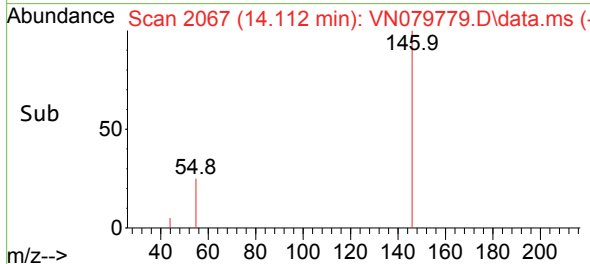
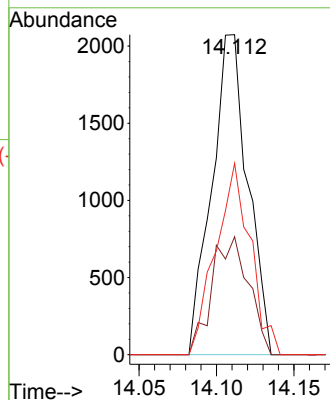
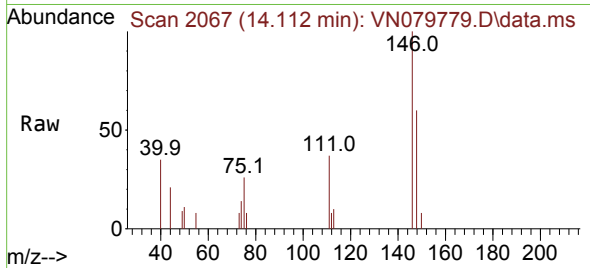




#91
1,2-Dichlorobenzene
Concen: 0.607 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

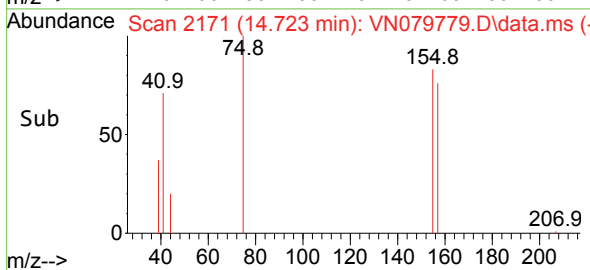
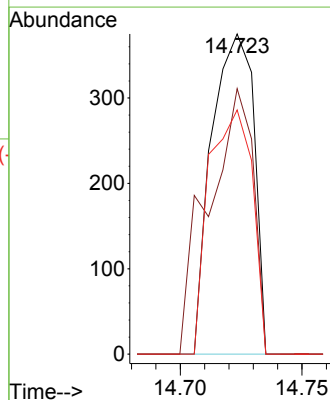
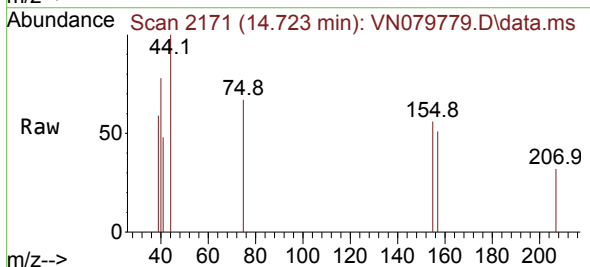
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

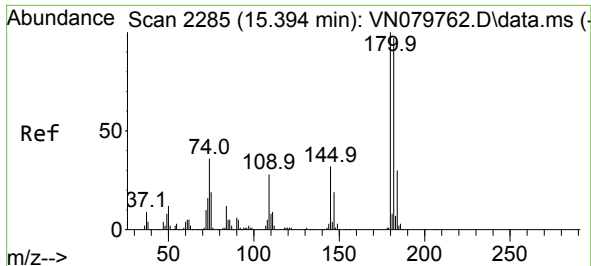
Tgt Ion:146 Resp: 3358
Ion Ratio Lower Upper
146 100
111 37.6 22.0 66.0
148 57.5 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.583 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion: 75 Resp: 451
Ion Ratio Lower Upper
75 100
155 88.0 39.1 117.2
157 78.3 50.3 150.9

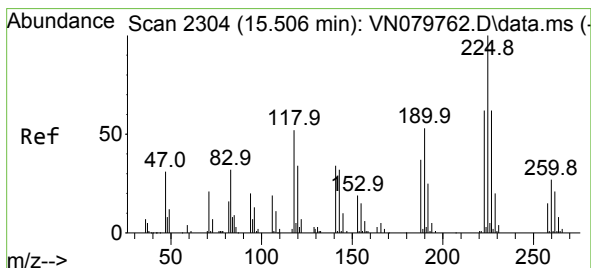
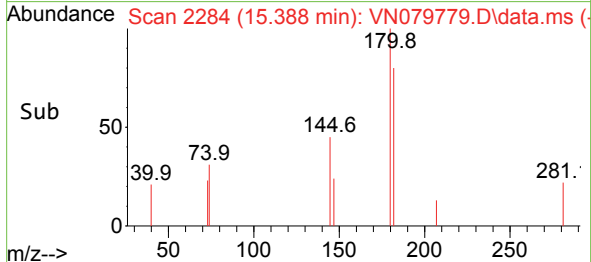
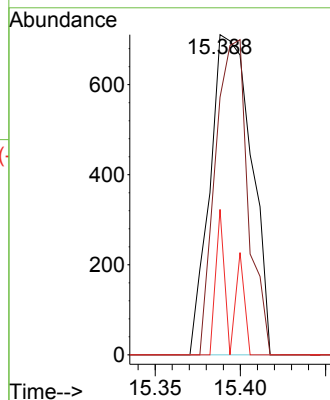
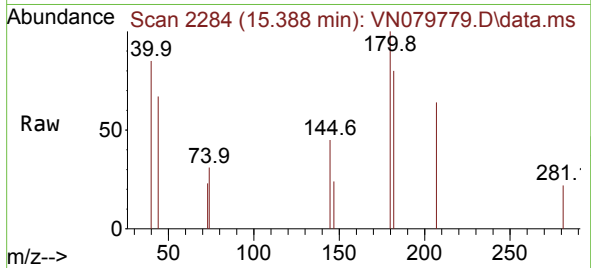




#93
1,2,4-Trichlorobenzene
Concen: 0.456 ug/l
RT: 15.388 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

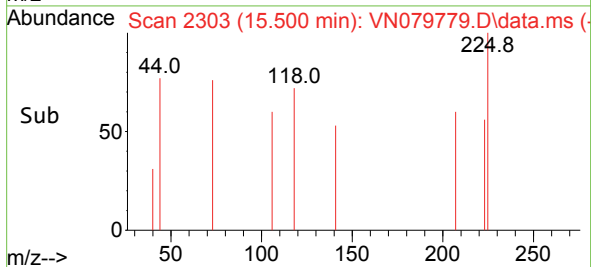
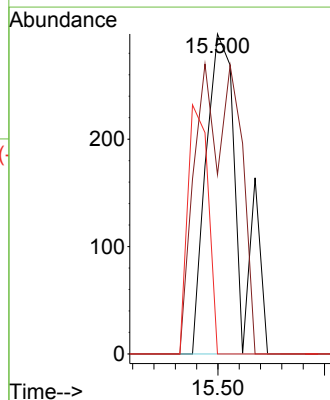
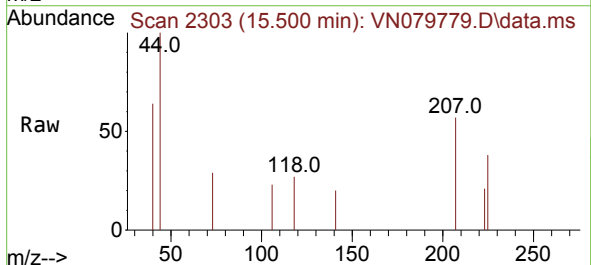
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

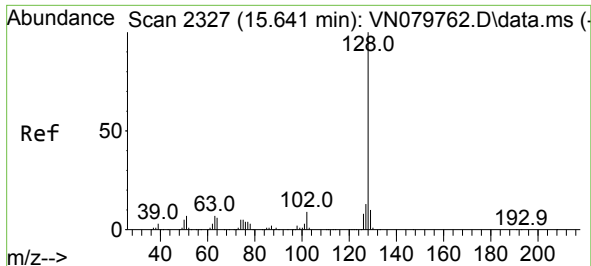
Tgt Ion:180 Resp: 1199
Ion Ratio Lower Upper
180 100
182 77.4 46.1 138.2
145 16.2 16.6 49.8#



#94
Hexachlorobutadiene
Concen: 0.268 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion:225 Resp: 320
Ion Ratio Lower Upper
225 100
223 117.5 31.3 93.8#
227 48.4 31.9 95.9

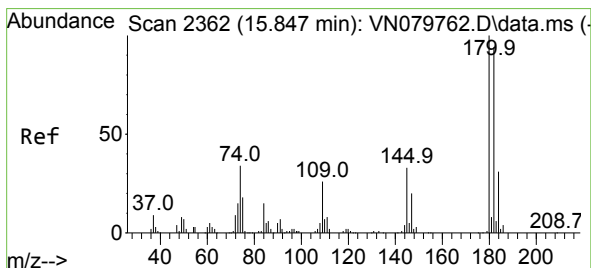
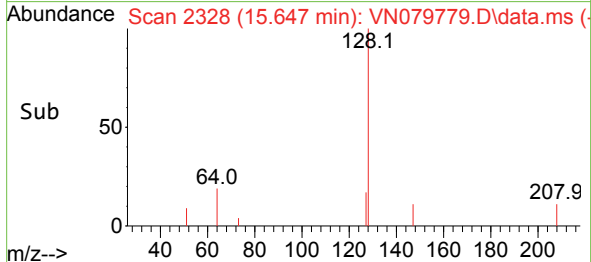
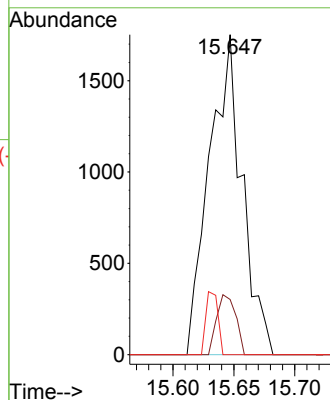
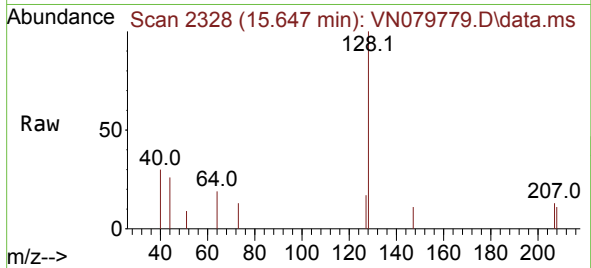




#95
Naphthalene
Concen: 0.367 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

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

Tgt Ion:128 Resp: 3278
Ion Ratio Lower Upper
128 100
127 10.9 10.0 15.0
129 7.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.337 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079779.D
Acq: 01 Nov 2023 18:19

Tgt Ion:180 Resp: 869
Ion Ratio Lower Upper
180 100
182 137.4 46.2 138.6
145 34.6 17.5 52.6

