

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077279.D
 Acq On : 07 Apr 2023 16:20
 Operator : JC\MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: Apr 08 05:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	58954	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	446145	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	469125	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	146275	29.255	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.533%
60) 4-Bromofluorobenzene	12.854	95	222079	27.377	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.267%
63) Toluene-d8	10.571	98	511274	31.001	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.333%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	13768	2.457	ug/l	86
3) Chloromethane	2.372	50	21555	2.895	ug/l	97
4) Vinyl Chloride	2.519	62	29095	2.728	ug/l	99
5) Bromomethane	2.954	94	24386	3.034	ug/l #	79
6) Chloroethane	3.131	64	20358	2.848	ug/l	92
7) Trichlorofluoromethane	3.507	101	26870	2.706	ug/l	87
8) Diethyl Ether	3.972	74	11180	2.641	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	10945	1.763	ug/l	69
10) 1,1-Dichloroethene	4.348	96	15416	2.482	ug/l	89
11) Methyl Iodide	4.607	142	16682	2.377	ug/l	87
12) Methyl Acetate	5.037	43	19567	2.114	ug/l #	85
13) Acrolein	4.254	56	593	0.516	ug/l	85
14) Acrylonitrile	5.731	53	39105	12.361	ug/l	98
15) Acetone	4.442	58	8893	7.748	ug/l	98
16) Carbon Disulfide	4.719	76	44483	2.713	ug/l	96
17) Allyl chloride	5.037	41	15494	1.938	ug/l	67
18) Methylene Chloride	5.272	84	8024	1.112	ug/l #	91
19) trans-1,2-Dichloroethene	5.784	96	10527	1.558	ug/l	85
20) Diisopropyl ether	6.683	45	45730	2.399	ug/l	95
21) 1,1-Dichloroethane	6.578	63	31051	2.570	ug/l	93
22) cis-1,2-Dichloroethene	7.489	96	22137	2.688	ug/l	97
23) tert-Butyl Alcohol	5.525	59	11723	8.334	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	58089	2.597	ug/l	96
26) Cyclohexane	8.266	56	26639	2.538	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	24746	2.560	ug/l	85
30) 2-Butanone	7.489	43	53105	11.619	ug/l	93
31) 2,2-Dichloropropane	7.489	77	30165	2.543	ug/l #	84
32) 1,1,1-Trichloroethane	8.172	97	30066	2.528	ug/l	98
33) Carbon Tetrachloride	8.366	117	26083	2.569	ug/l #	83
34) Benzene	8.607	78	75765	2.534	ug/l #	86
35) Methacrylonitrile	7.783	41	12511	2.906	ug/l	81
36) 1,2-Dichloroethane	8.677	62	26306	2.806	ug/l #	87
37) Trichloroethene	9.360	130	18600	2.543	ug/l	96
38) Methylcyclohexane	9.601	83	34222	2.611	ug/l	99
39) 1,2-Dichloropropane	9.624	63	18986	2.558	ug/l	99
40) Dibromomethane	9.713	93	13816	2.583	ug/l	99
41) Bromodichloromethane	9.889	83	26545	2.489	ug/l	100
42) Vinyl Acetate	6.607	43	156248	11.812	ug/l #	100
44) Isopropyl Acetate	8.695	43	37529	2.479	ug/l #	100

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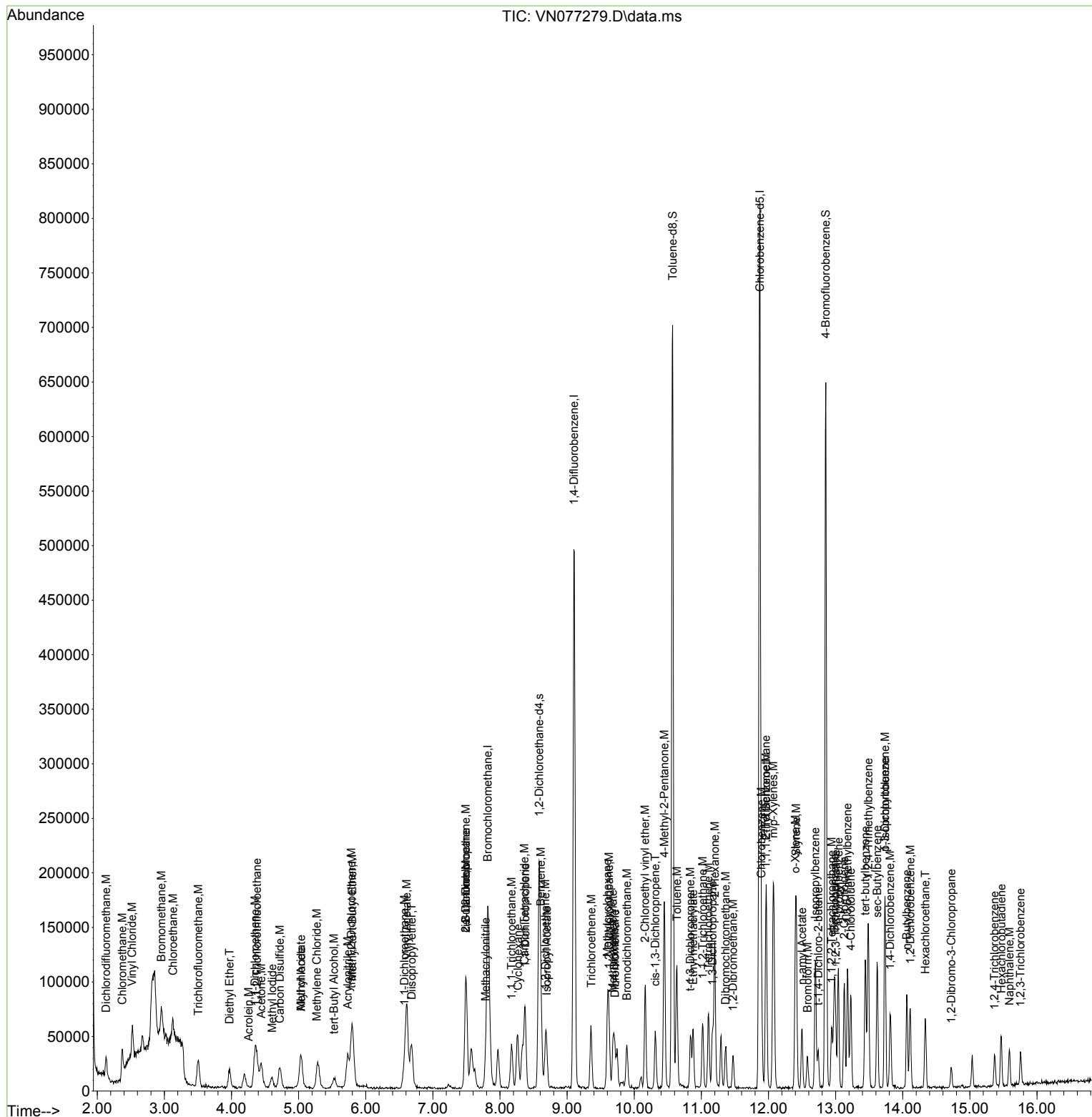
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,4-Dioxane	9.701	88	6662	41.724	ug/l #	91
46) Methyl methacrylate	9.683	41	16712	2.564	ug/l	97
47) n-amyl Acetate	12.501	43	29052	2.196	ug/l	93
48) t-1,3-Dichloropropene	10.836	75	27430	2.298	ug/l	95
49) cis-1,3-Dichloropropene	10.313	75	30124	2.372	ug/l #	93
50) 1,1,2-Trichloroethane	11.018	97	20078	2.584	ug/l	94
51) Ethyl methacrylate	10.877	69	29164	2.444	ug/l	95
52) 1,3-Dichloropropane	11.166	76	33872	2.612	ug/l	99
53) Dibromochloromethane	11.360	129	20097	2.454	ug/l	97
54) 1,2-Dibromoethane	11.471	107	19613	2.515	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	44578	12.102	ug/l	98
56) Bromoform	12.583	173	11898	2.163	ug/l #	97
58) 4-Methyl-2-Pentanone	10.448	43	108215	12.320	ug/l	99
59) 2-Hexanone	11.201	43	82135	12.097	ug/l	98
61) Tetrachloroethene	11.107	164	13924	2.495	ug/l	98
62) Toluene	10.636	91	85706	2.618	ug/l	100
64) Chlorobenzene	11.895	112	50556	2.542	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.960	131	18547	2.536	ug/l	91
66) Ethyl Benzene	11.965	91	89165	2.459	ug/l #	86
67) m/p-Xylenes	12.071	106	68900	4.847	ug/l	100
68) o-Xylene	12.401	106	34939	2.457	ug/l	97
69) Styrene	12.413	104	51814	2.274	ug/l	98
70) Isopropylbenzene	12.695	105	84282	2.335	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	27535	2.492	ug/l	96
72) 1,2,3-Trichloropropane	13.001	75	33091	4.405	ug/l	39
73) Bromobenzene	12.983	156	17039	2.324	ug/l	98
74) n-propylbenzene	13.042	91	90505	2.267	ug/l	97
75) 2-Chlorotoluene	13.130	91	55836	2.334	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	63183	2.151	ug/l	99
77) t-1,4-Dichloro-2-butene	12.742	75	8153	2.131	ug/l	87
78) 4-Chlorotoluene	13.224	91	50296	2.225	ug/l	98
79) tert-butylbenzene	13.442	119	59907	2.344	ug/l	99
80) 1,2,4-Trimethylbenzene	13.489	105	59085	2.064	ug/l	98
81) sec-Butylbenzene	13.618	105	81661	2.237	ug/l	96
82) p-Isopropyltoluene	13.736	119	61016	2.086	ug/l	96
83) 1,3-Dichlorobenzene	13.736	146	30832	2.218	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	27370	2.029	ug/l	94
85) n-Butylbenzene	14.059	91	47853	1.980	ug/l	94
86) Hexachloroethane	14.336	117	14485	2.328	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	30162	2.214	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.724	75	4961	2.343	ug/l	90
89) 1,2,4-Trichlorobenzene	15.365	180	8414	1.570	ug/l	95
90) Hexachlorobutadiene	15.471	225	7061	2.570	ug/l	76
91) Naphthalene	15.589	128	24529	1.198	ug/l	96
92) 1,2,3-Trichlorobenzene	15.753	180	7765	1.485	ug/l	89

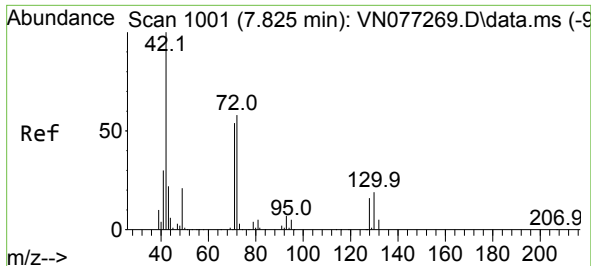
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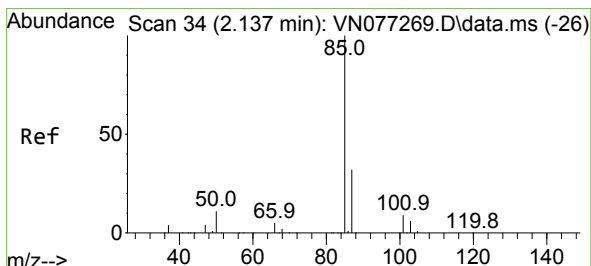
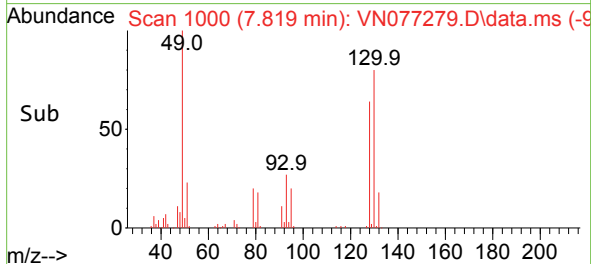
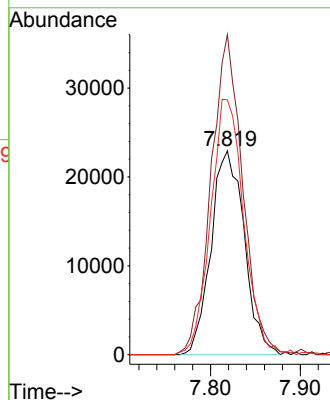
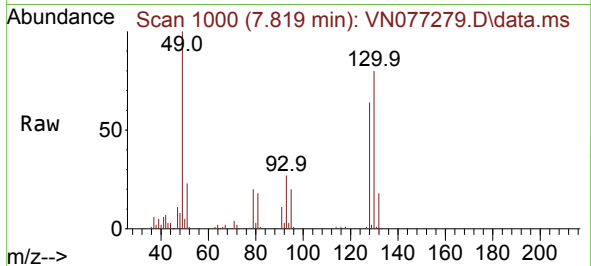




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077279.D
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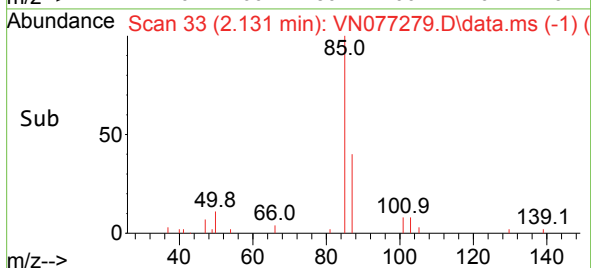
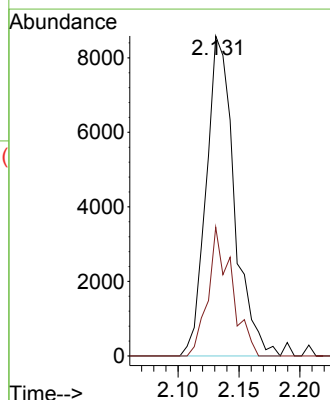
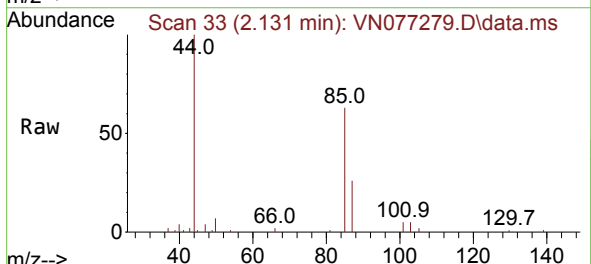
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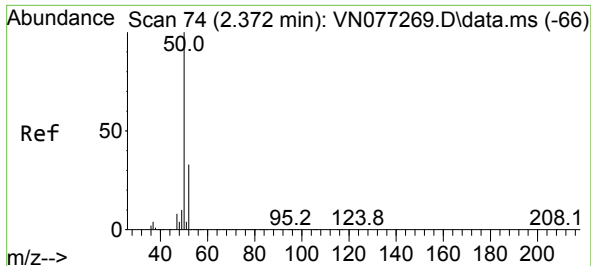
Tgt Ion:128 Resp: 58954
Ion Ratio Lower Upper
128 100
49 148.6 0.0 379.5
130 125.2 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 2.457 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 85 Resp: 13768
Ion Ratio Lower Upper
85 100
87 40.3 16.2 48.6

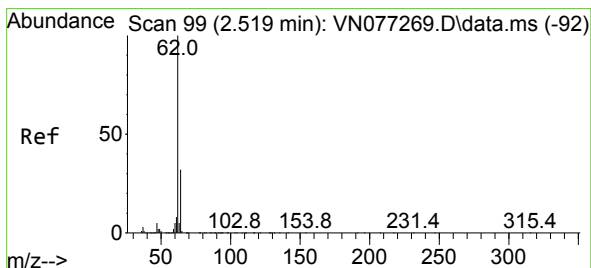
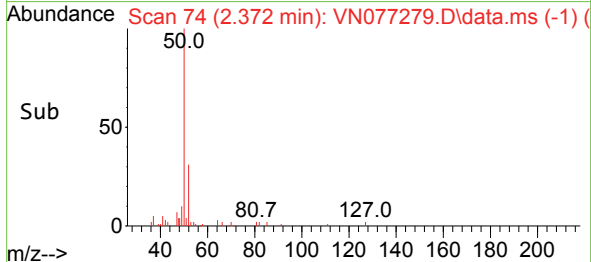
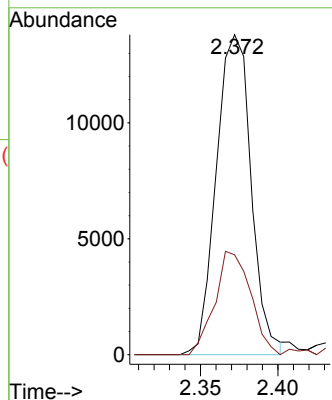
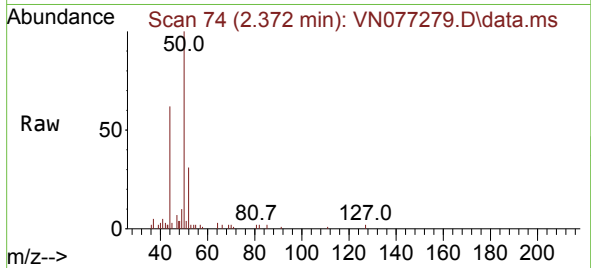




#3
Chloromethane
Concen: 2.895 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

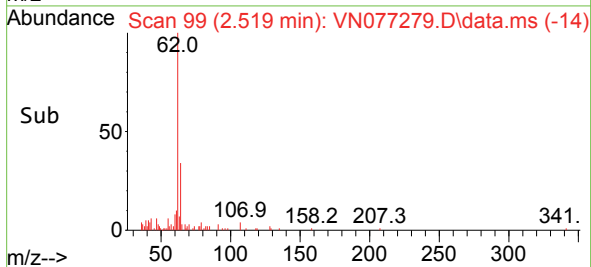
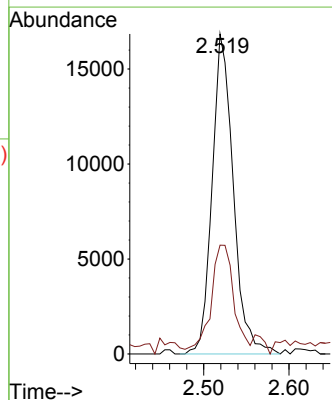
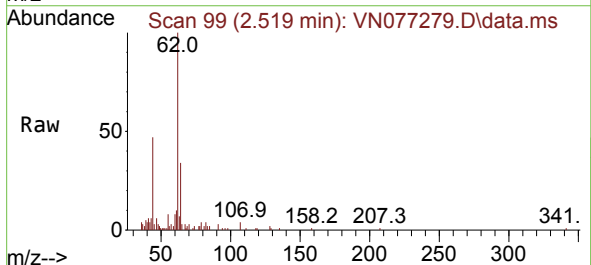
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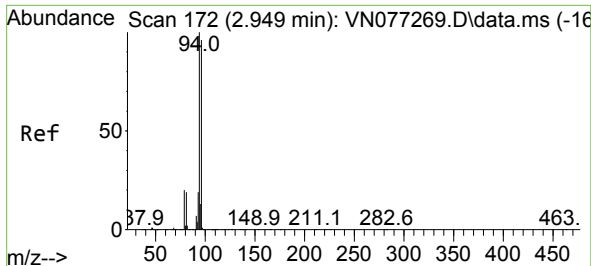
Tgt Ion: 50 Resp: 21555
Ion Ratio Lower Upper
50 100
52 31.2 26.4 39.6



#4
Vinyl Chloride
Concen: 2.728 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 62 Resp: 29095
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

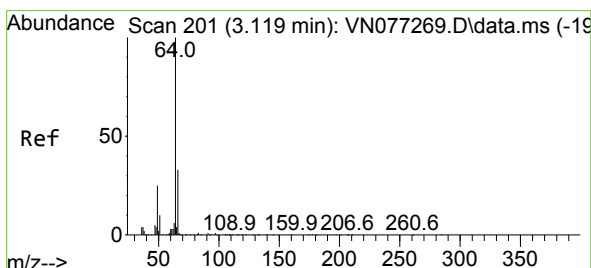
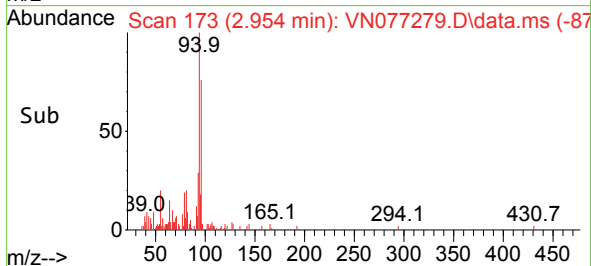
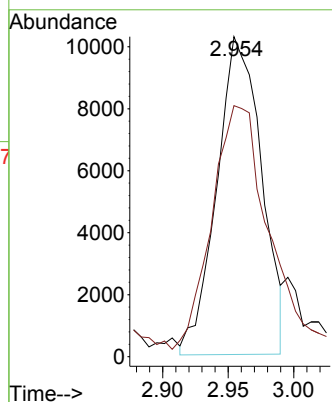
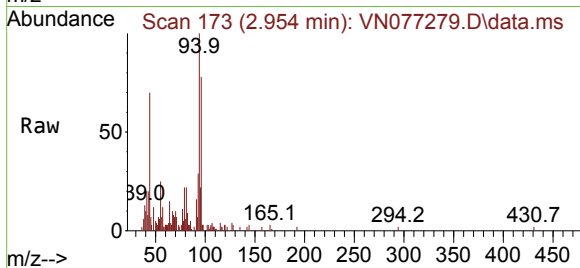




#5
Bromomethane
Concen: 3.034 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

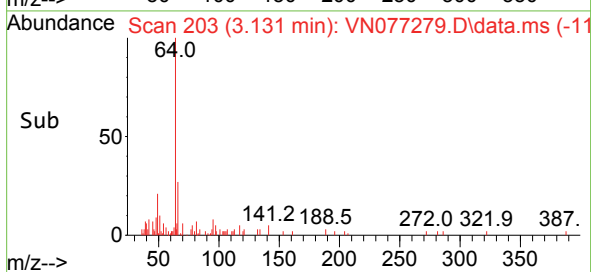
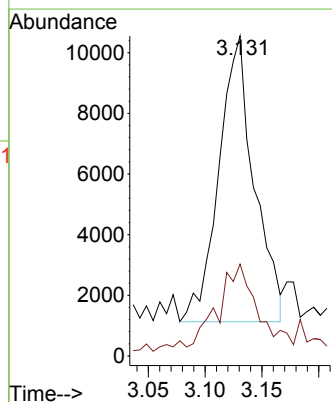
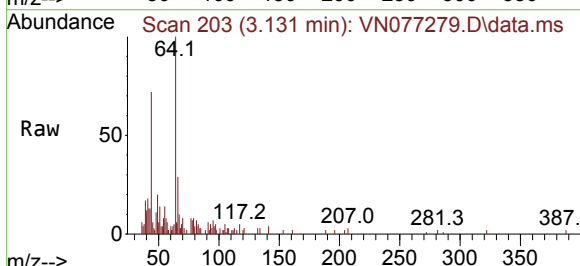
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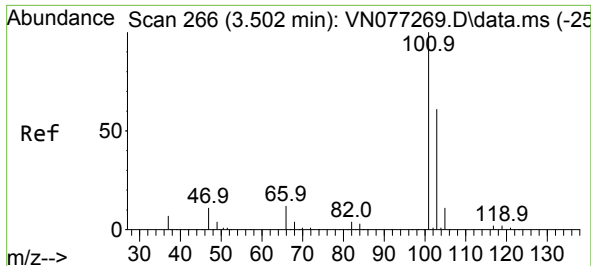
Tgt Ion: 94 Resp: 24386
Ion Ratio Lower Upper
94 100
96 75.9 77.0 115.6#



#6
Chloroethane
Concen: 2.848 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 64 Resp: 20358
Ion Ratio Lower Upper
64 100
66 27.8 25.7 38.5

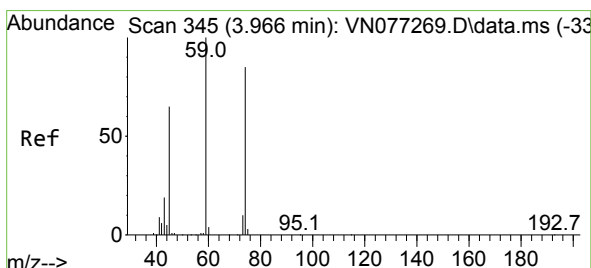
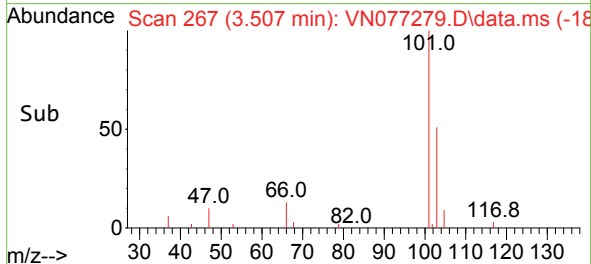
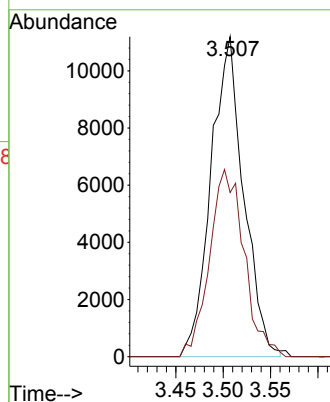
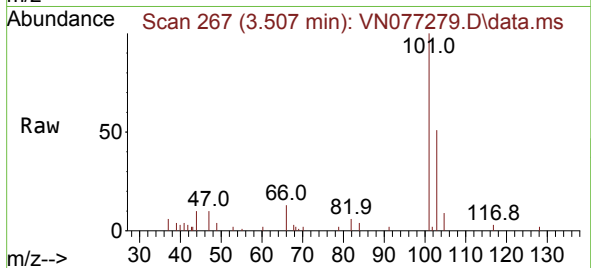




#7
 Trichlorofluoromethane
 Concen: 2.706 ug/l
 RT: 3.507 min Scan# 2
 Delta R.T. 0.006 min
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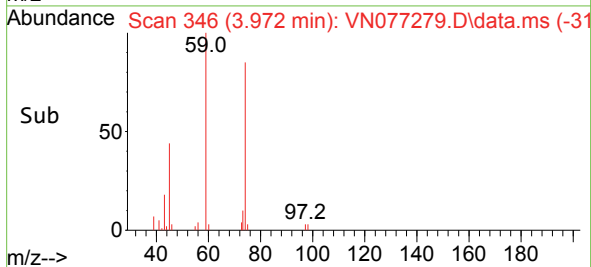
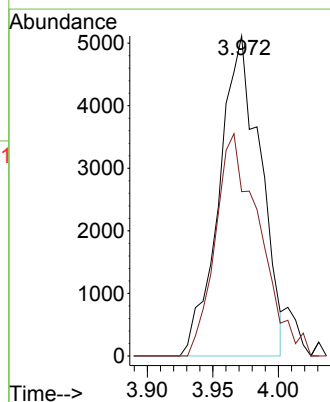
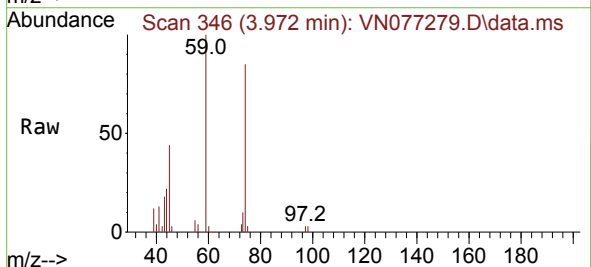
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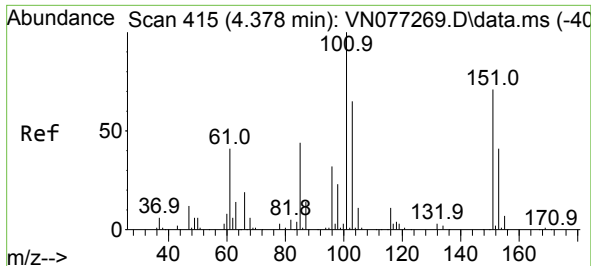
Tgt Ion:101 Resp: 26870
 Ion Ratio Lower Upper
 101 100
 103 51.3 48.9 73.3



#8
 Diethyl Ether
 Concen: 2.641 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 11180
 Ion Ratio Lower Upper
 74 100
 45 74.7 14.8 133.6

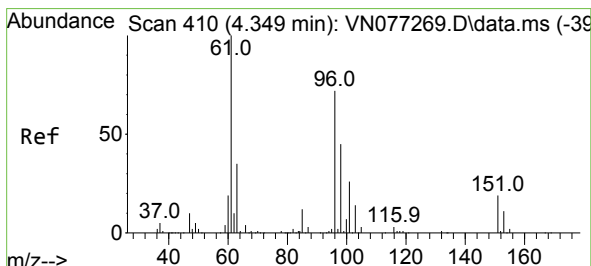
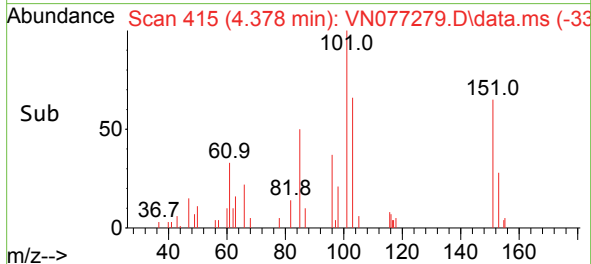
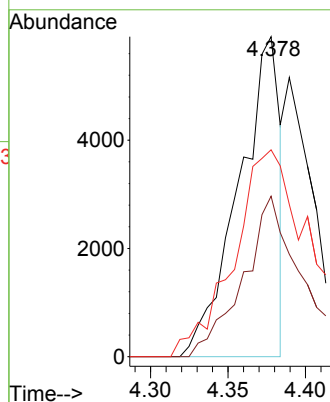
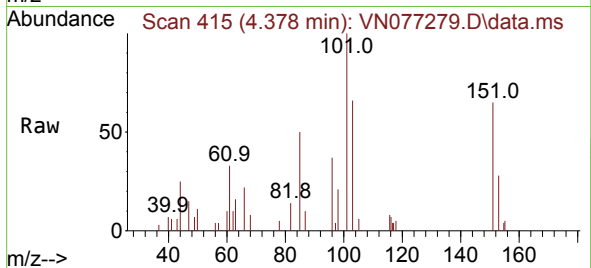




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.763 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
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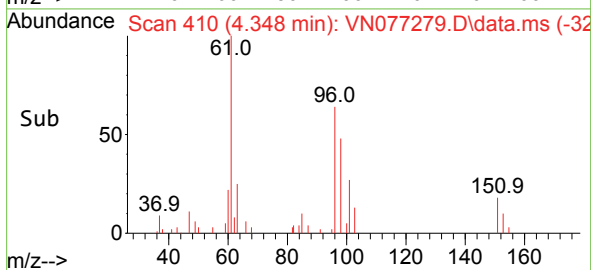
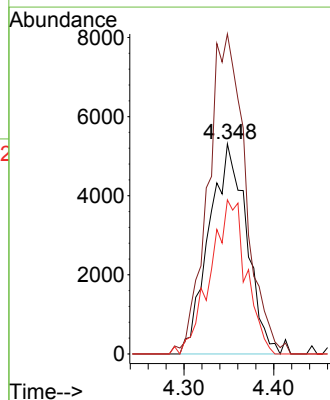
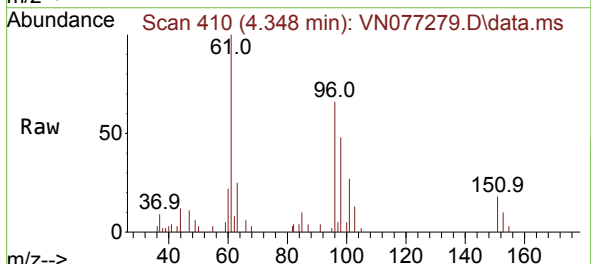
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

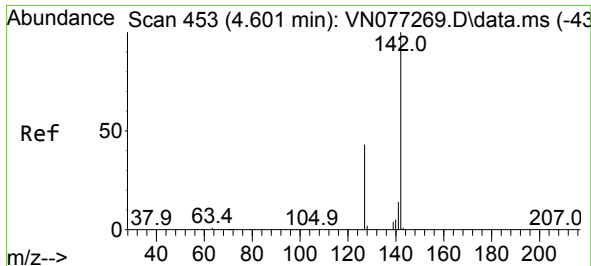
Tgt Ion:101 Resp: 10945
Ion Ratio Lower Upper
101 100
85 71.4 0.0 89.6
151 90.7 0.0 141.6



#10
1,1-Dichloroethene
Concen: 2.482 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 96 Resp: 15416
Ion Ratio Lower Upper
96 100
61 149.4 110.7 166.1
98 73.3 49.6 74.4

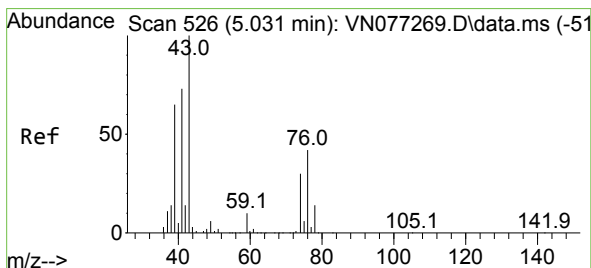
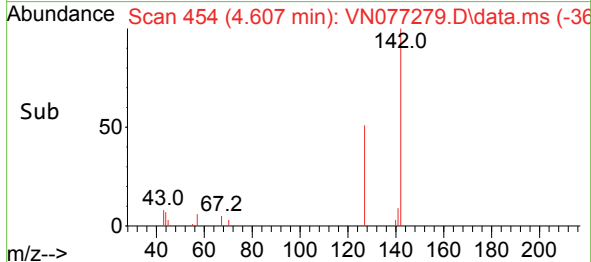
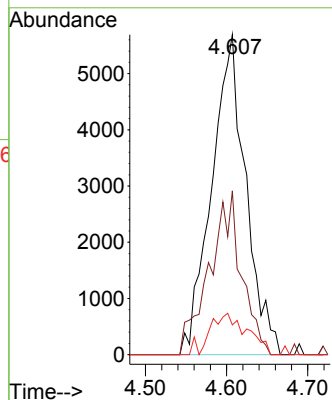
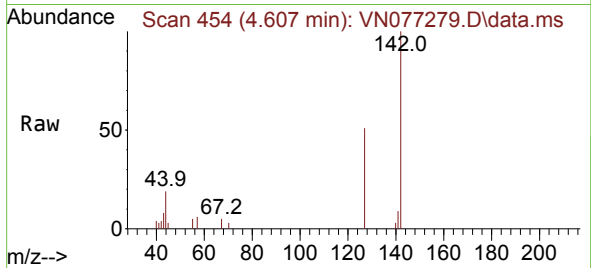




#11
Methyl Iodide
Concen: 2.377 ug/l
RT: 4.607 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

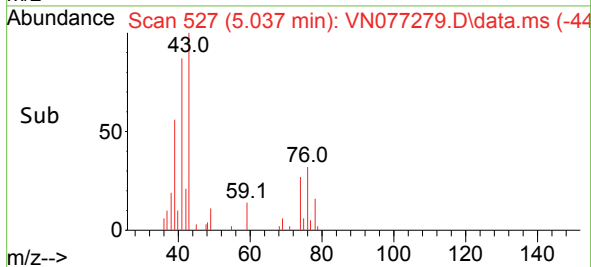
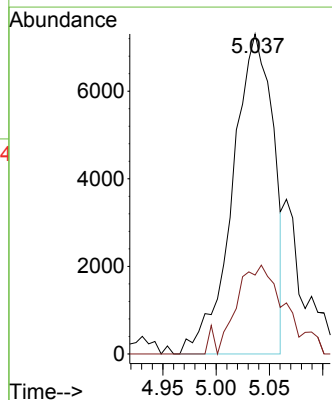
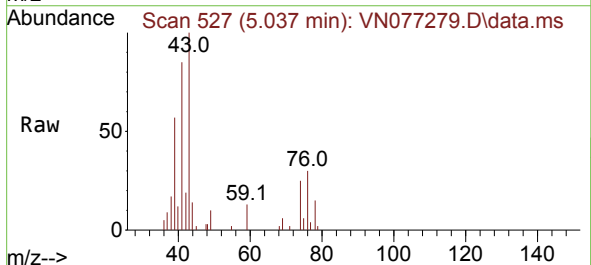
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

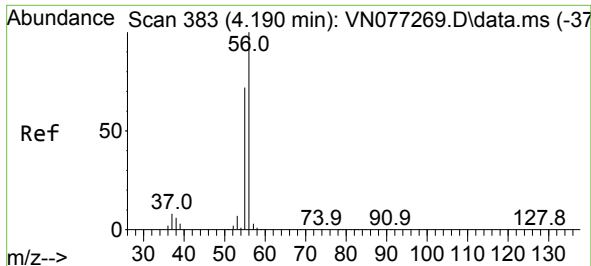
Tgt Ion:142 Resp: 16682
Ion Ratio Lower Upper
142 100
127 51.2 21.3 63.7
141 9.3 7.0 20.9



#12
Methyl Acetate
Concen: 2.114 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 43 Resp: 19567
Ion Ratio Lower Upper
43 100
74 22.3 24.2 36.2#





#13

Acrolein

Concen: 0.516 ug/l

RT: 4.254 min Scan# 394

Delta R.T. 0.064 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

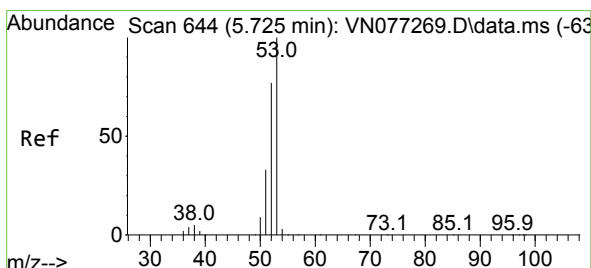
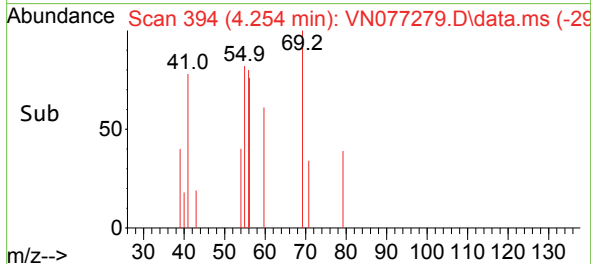
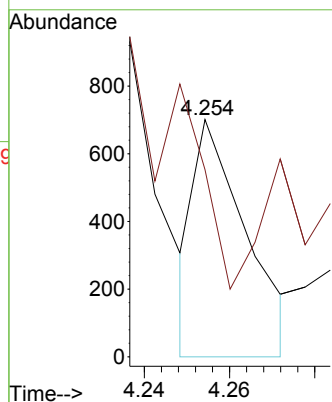
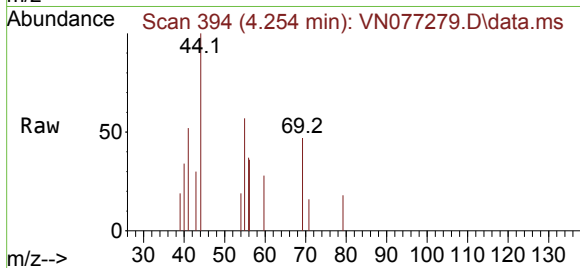
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 56 Resp: 593

Ion Ratio Lower Upper

56 100

55 57.2 55.2 82.8



#14

Acrylonitrile

Concen: 12.361 ug/l

RT: 5.731 min Scan# 645

Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

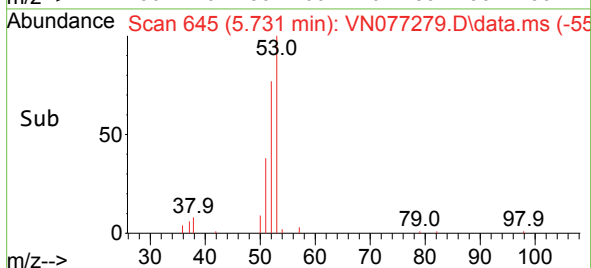
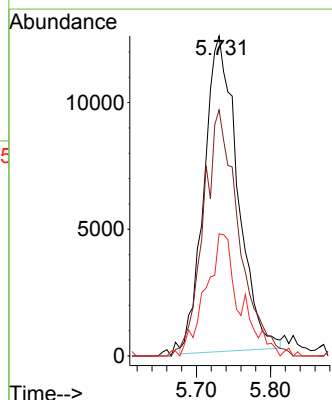
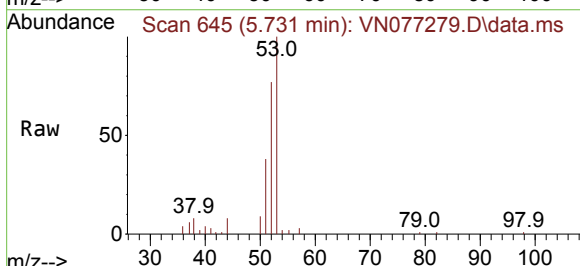
Tgt Ion: 53 Resp: 39105

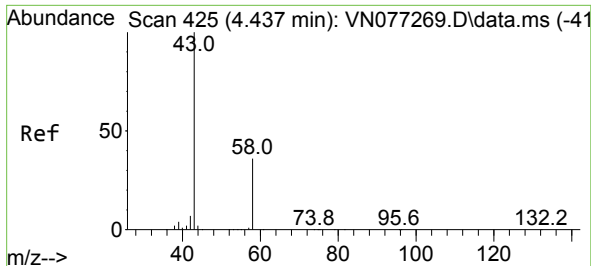
Ion Ratio Lower Upper

53 100

52 82.3 41.0 123.0

51 32.2 17.7 53.1

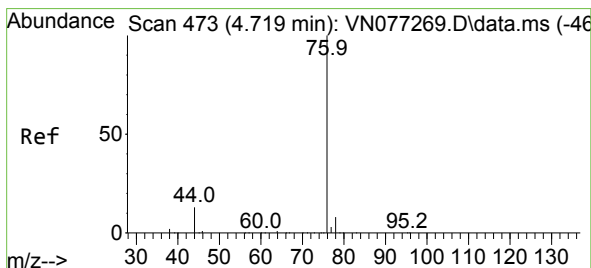
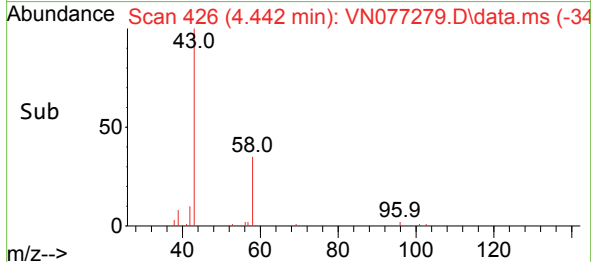
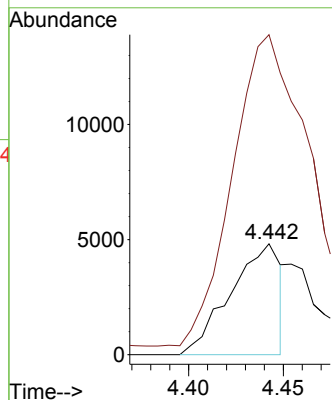
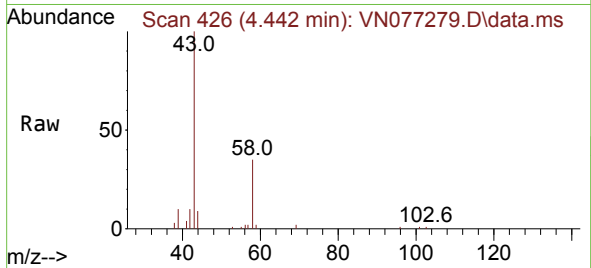




#15
Acetone
Concen: 7.748 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

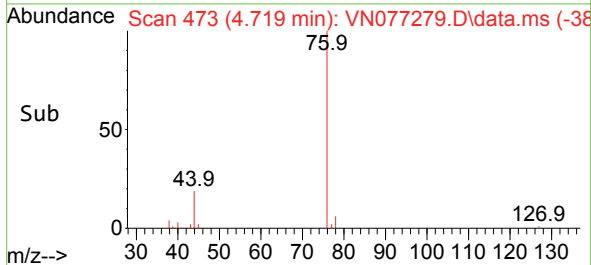
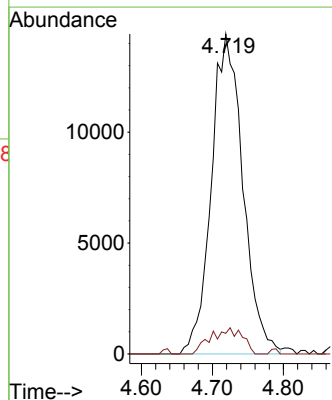
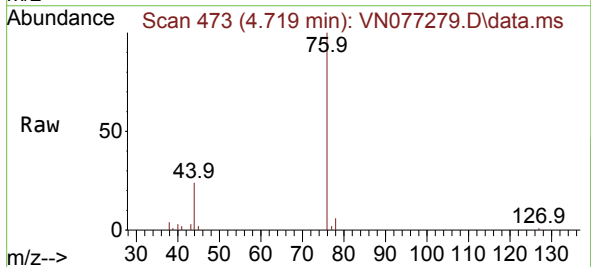
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

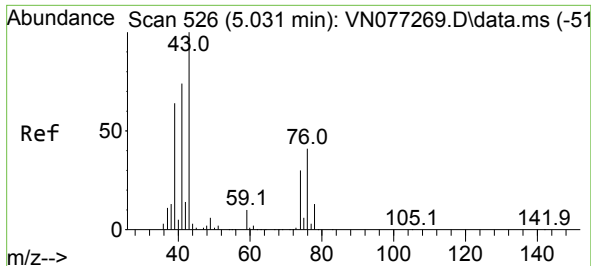
Tgt Ion: 58 Resp: 8893
Ion Ratio Lower Upper
58 100
43 280.5 220.9 331.3



#16
Carbon Disulfide
Concen: 2.713 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 76 Resp: 44483
Ion Ratio Lower Upper
76 100
78 6.4 6.3 9.5

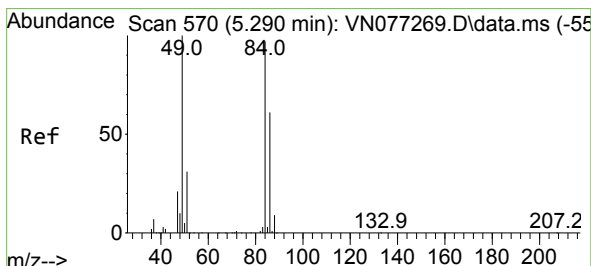
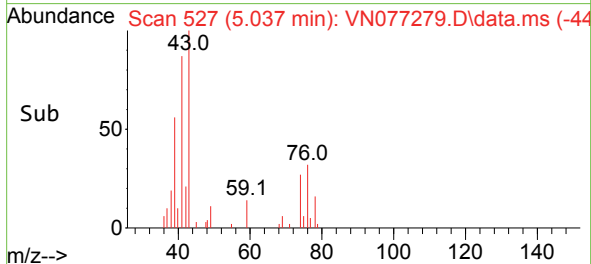
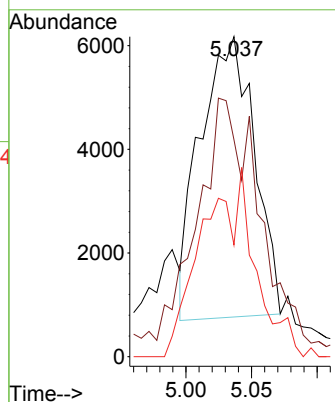
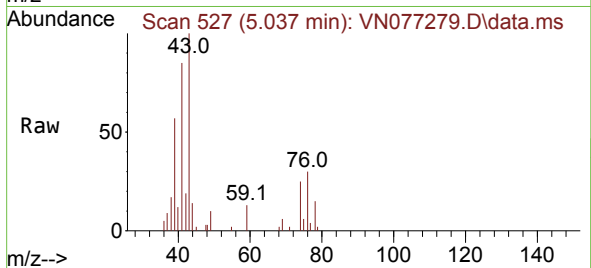




#17
 Allyl chloride
 Concen: 1.938 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

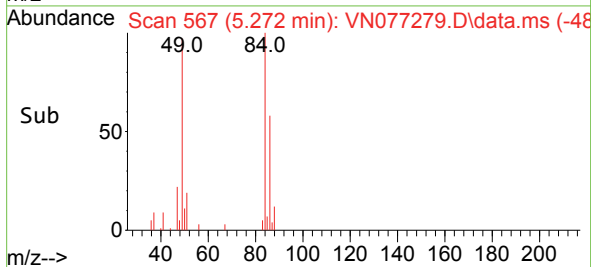
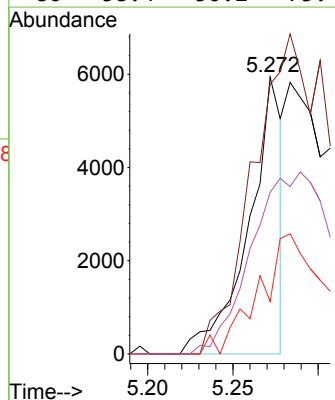
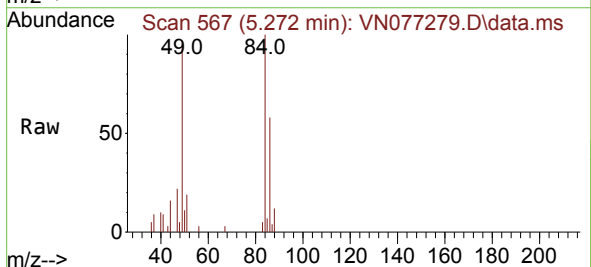
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

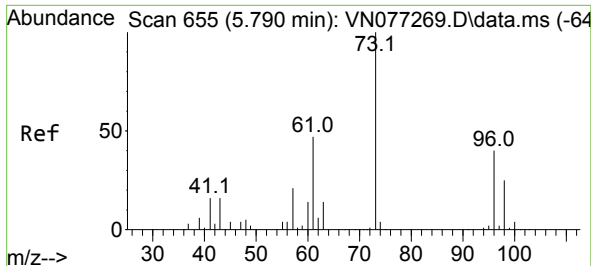
Tgt Ion: 41	Resp: 15494
Ion Ratio	Lower Upper
41	100
39	51.6 40.3 120.9
76	28.0 25.3 75.8



#18
 Methylene Chloride
 Concen: 1.112 ug/l
 RT: 5.272 min Scan# 567
 Delta R.T. -0.018 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

Tgt Ion: 84	Resp: 8024
Ion Ratio	Lower Upper
84	100
49	97.4 82.7 124.1
51	18.9 25.6 38.4#
86	58.4 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 1.558 ug/l

RT: 5.784 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077279.D

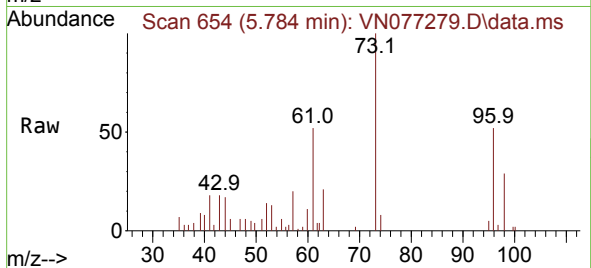
Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



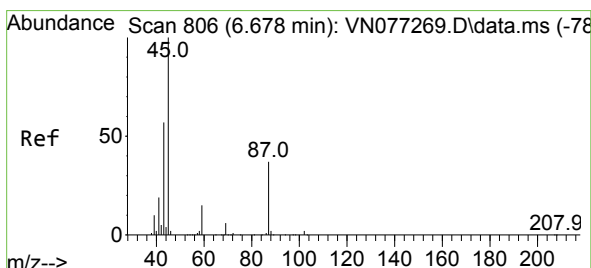
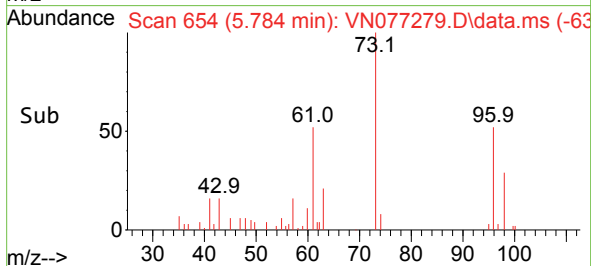
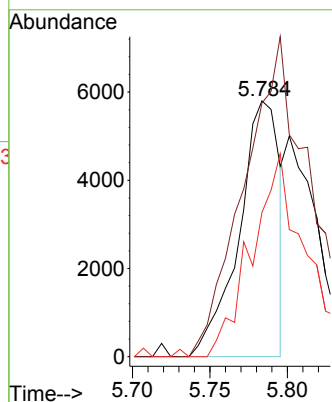
Tgt Ion: 96 Resp: 10527

Ion Ratio Lower Upper

96 100

61 99.1 94.5 141.7

98 53.4 49.8 74.8



#20

Diisopropyl ether

Concen: 2.399 ug/l

RT: 6.683 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Tgt Ion: 45 Resp: 45730

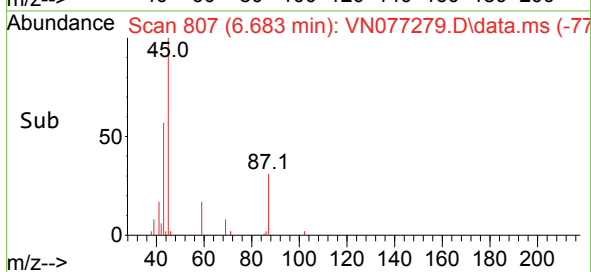
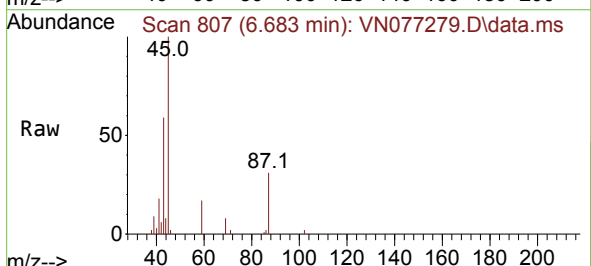
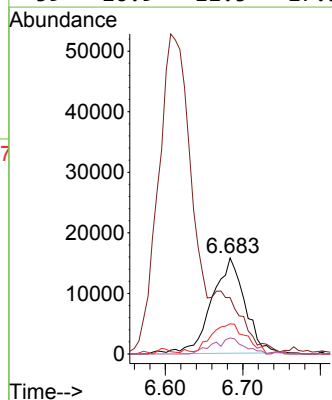
Ion Ratio Lower Upper

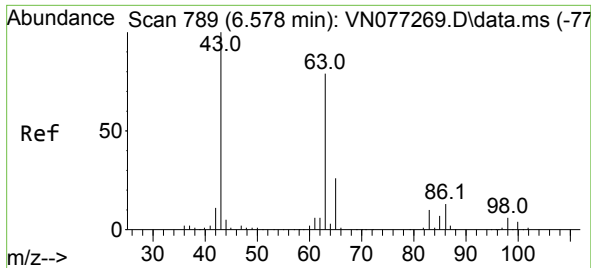
45 100

43 57.0 45.9 68.9

87 30.3 30.1 45.1

59 16.9 11.5 17.3

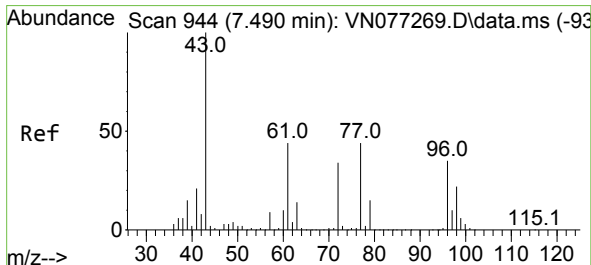
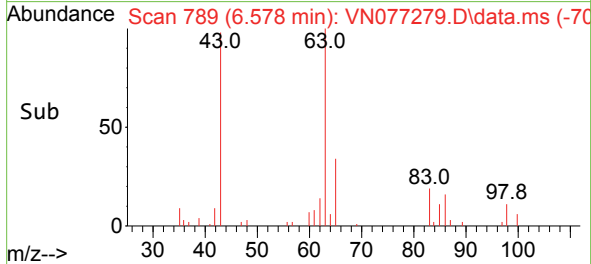
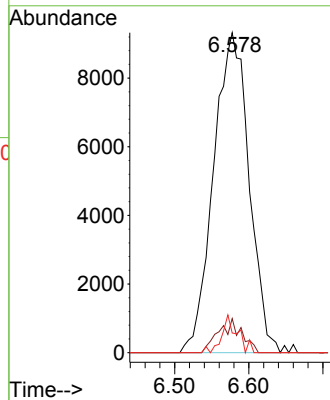
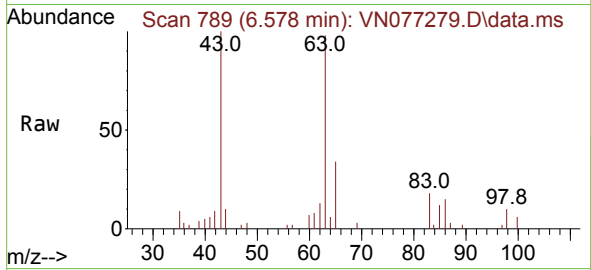




#21
1,1-Dichloroethane
Concen: 2.570 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

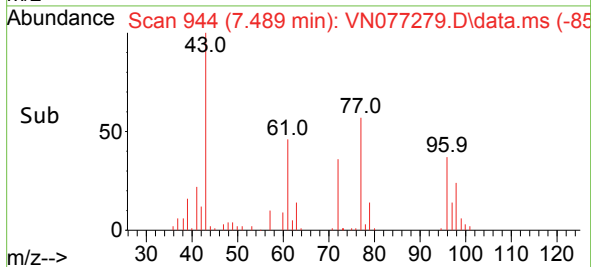
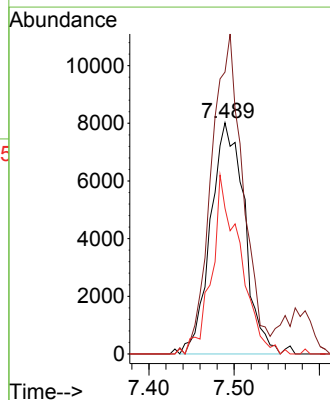
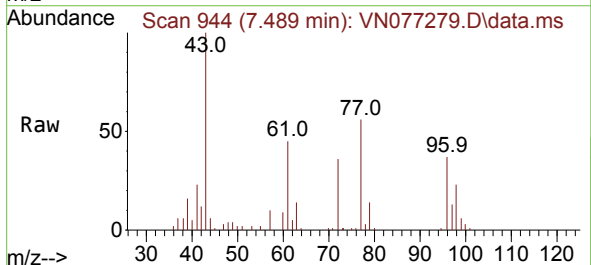
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

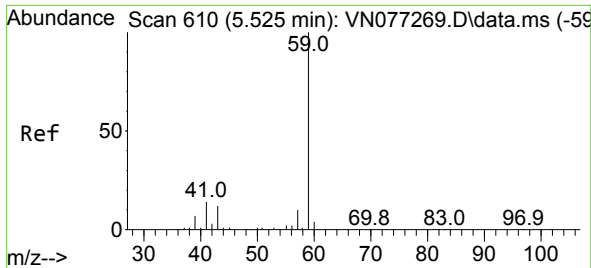
Tgt Ion:	63	Resp:	31051
Ion Ratio	Lower	Upper	
63	100		
98	10.7	3.9	11.7
100	6.2	2.3	6.8



#22
cis-1,2-Dichloroethene
Concen: 2.688 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:	96	Resp:	22137
Ion Ratio	Lower	Upper	
96	100		
61	129.1	105.5	158.3
98	61.9	51.8	77.6

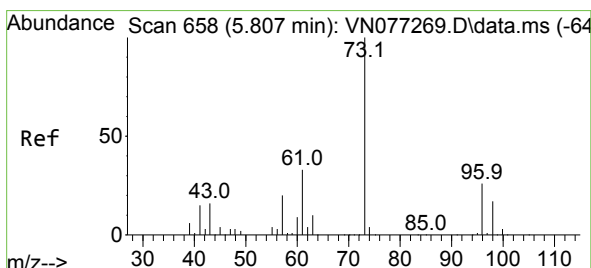
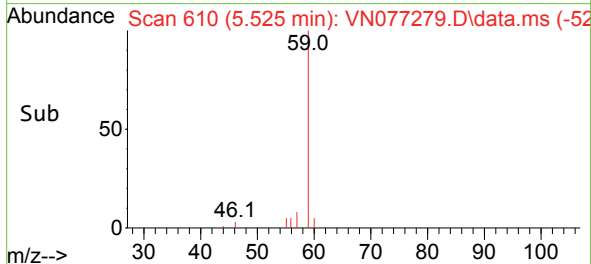
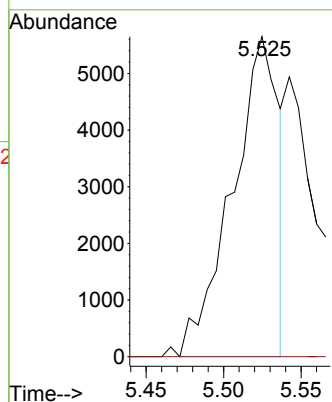
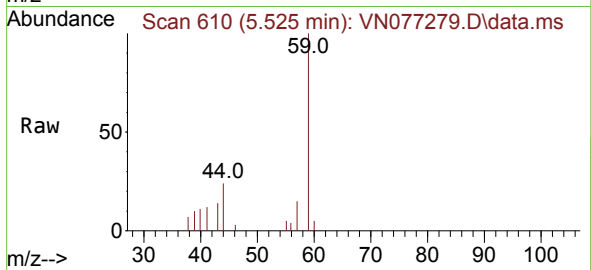




#23
tert-Butyl Alcohol
Concen: 8.334 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

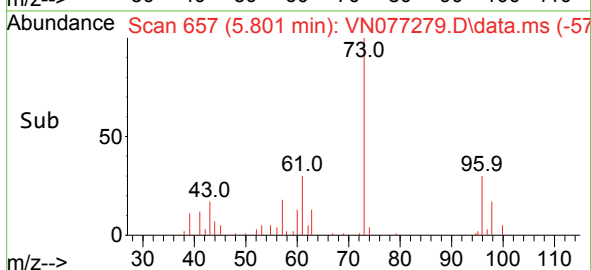
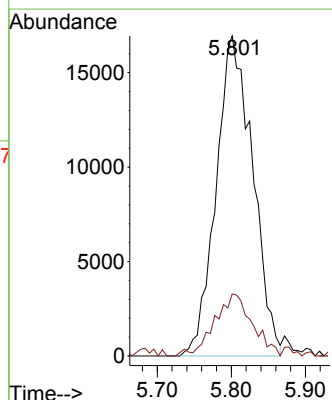
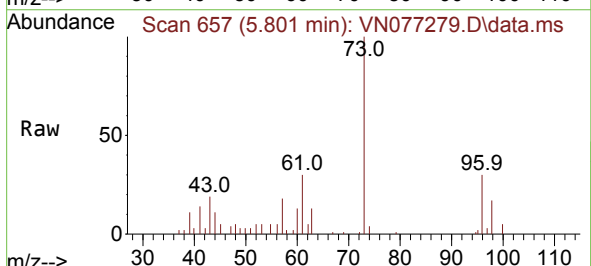
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

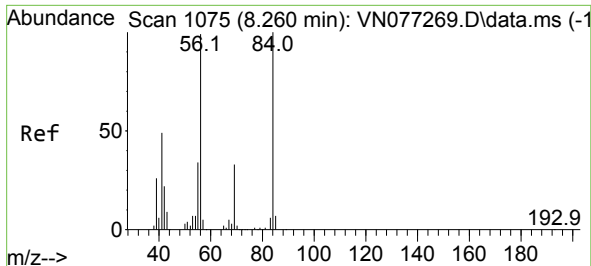
Tgt Ion: 59 Resp: 11723
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 2.597 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

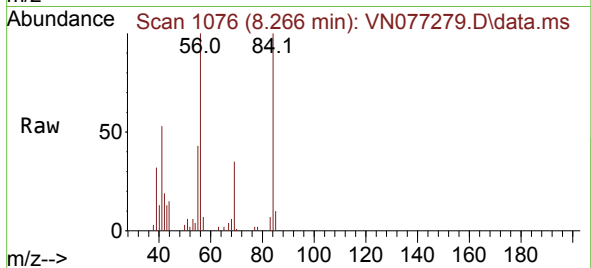
Tgt Ion: 73 Resp: 58089
Ion Ratio Lower Upper
73 100
43 18.7 13.5 20.3



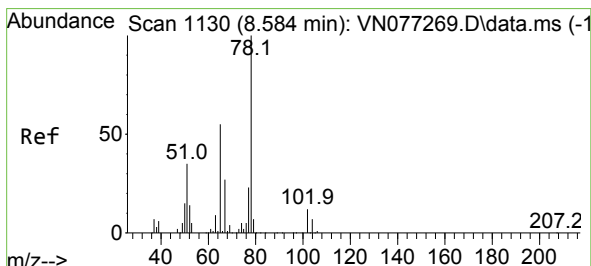
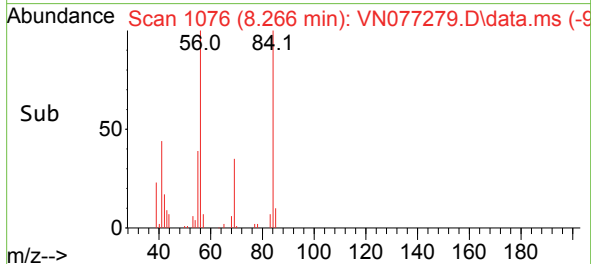
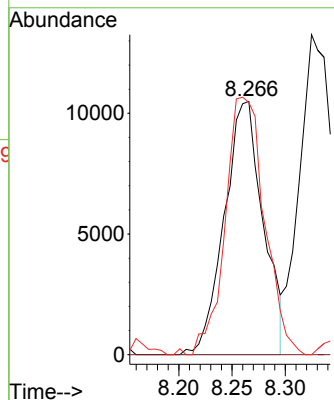


#26
Cyclohexane
Concen: 2.538 ug/l
RT: 8.266 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

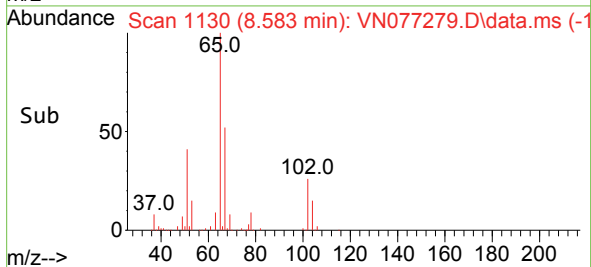
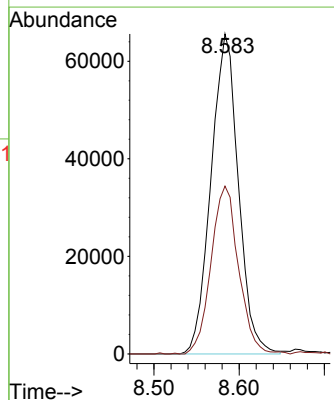
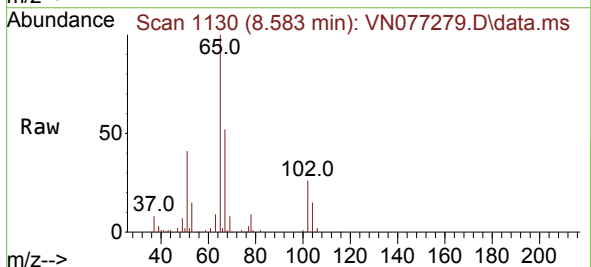


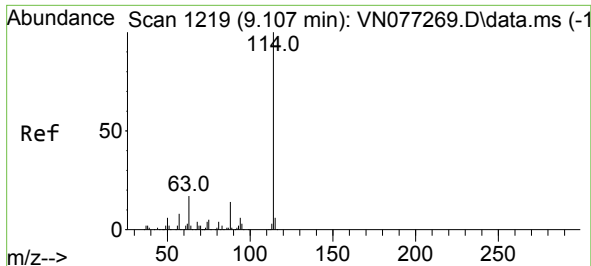
Tgt Ion: 56 Resp: 26639
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 103.1 82.6 123.8



#27
1,2-Dichloroethane-d4
Concen: 29.255 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 65 Resp: 146275
Ion Ratio Lower Upper
65 100
67 52.5 41.8 62.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 114

Delta R.T. -0.006 min

Lab File: VN077279.D

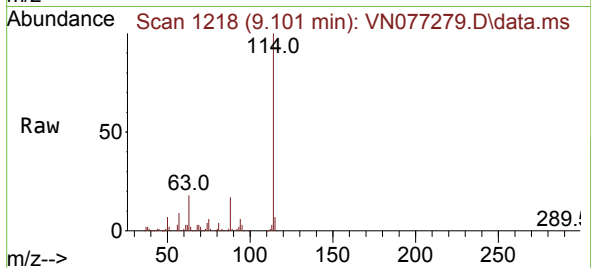
Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



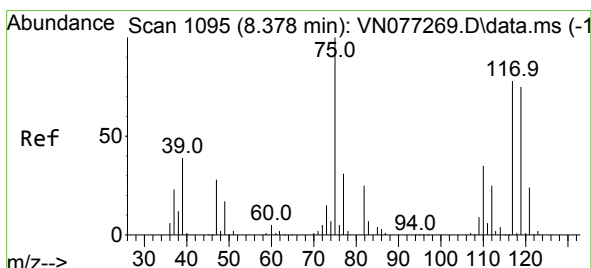
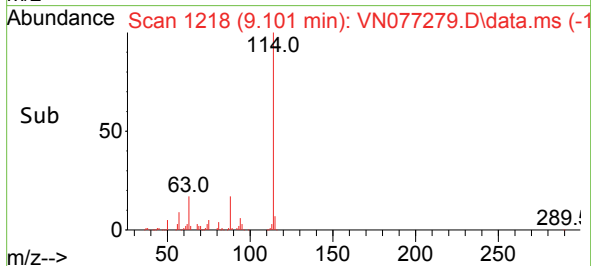
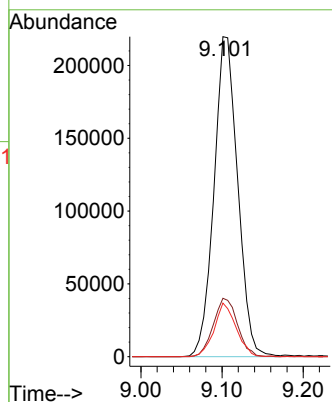
Tgt Ion:114 Resp: 446145

Ion Ratio Lower Upper

114 100

63 18.6 15.0 22.4

88 15.6 11.9 17.9



#29

1,1-Dichloropropene

Concen: 2.560 ug/l

RT: 8.377 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

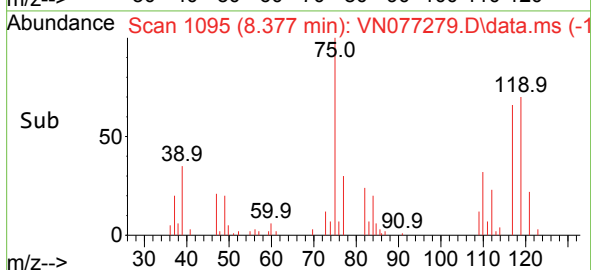
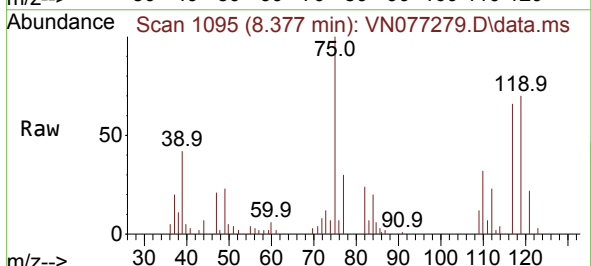
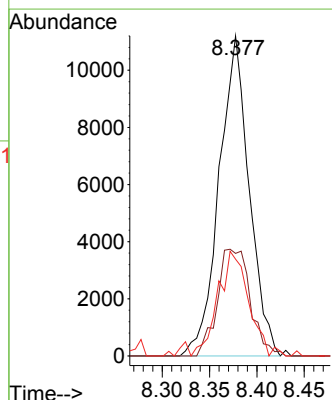
Tgt Ion: 75 Resp: 24746

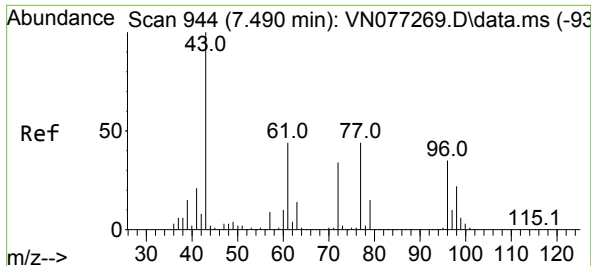
Ion Ratio Lower Upper

75 100

110 22.2 0.0 72.4

77 32.8 0.0 61.4

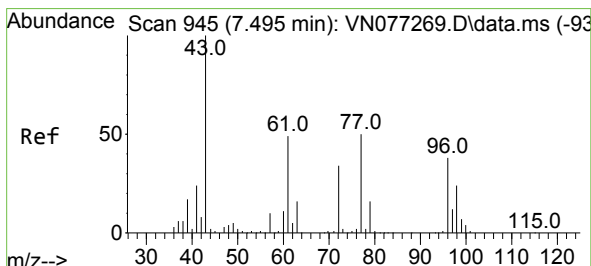
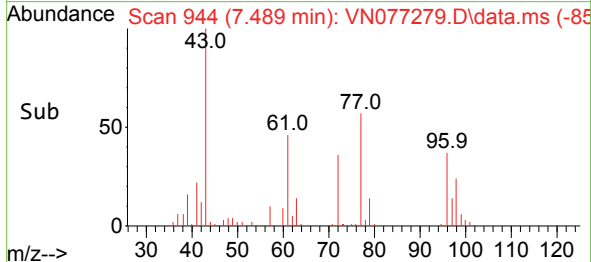
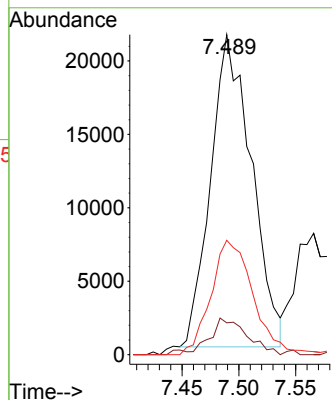
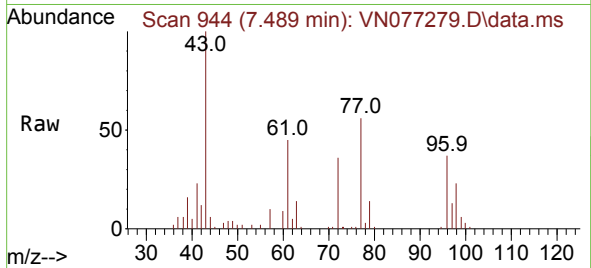




#30
2-Butanone
Concen: 11.619 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

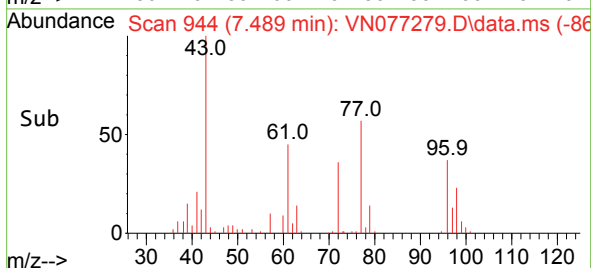
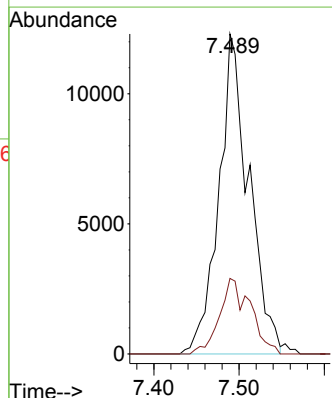
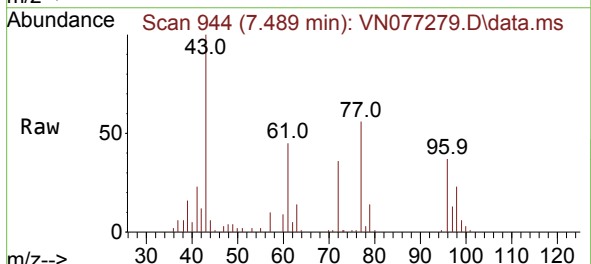
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

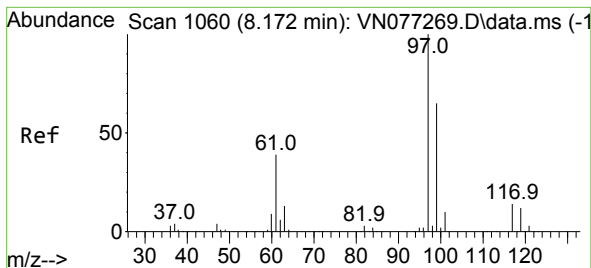
Tgt Ion: 43 Resp: 53105
Ion Ratio Lower Upper
43 100
57 10.5 7.5 11.3
72 37.9 26.9 40.3



#31
2,2-Dichloropropane
Concen: 2.543 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 77 Resp: 30165
Ion Ratio Lower Upper
77 100
97 15.5 18.8 28.2#





#32

1,1,1-Trichloroethane

Concen: 2.528 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

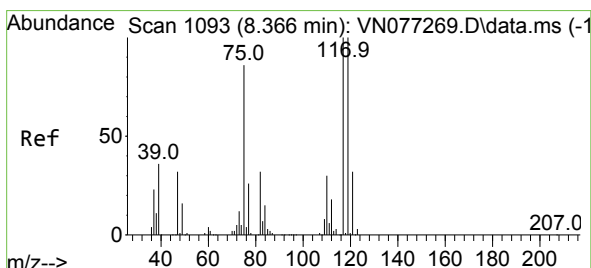
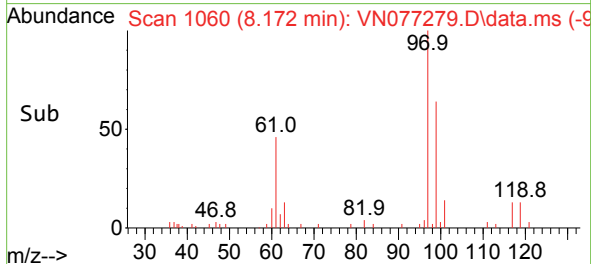
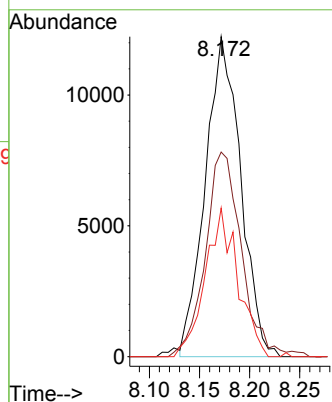
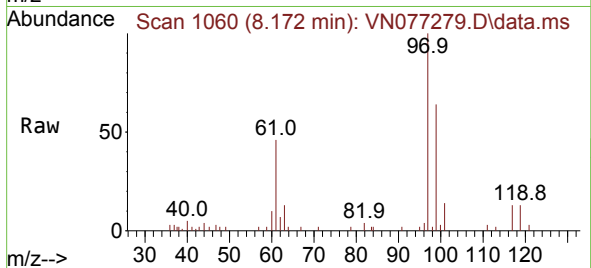
Tgt Ion: 97 Resp: 30066

Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 42.7 32.4 48.6



#33

Carbon Tetrachloride

Concen: 2.569 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

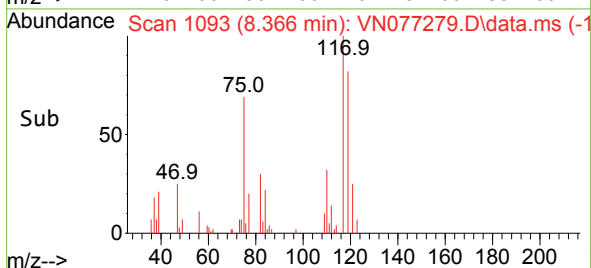
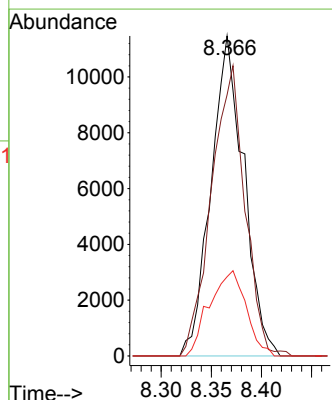
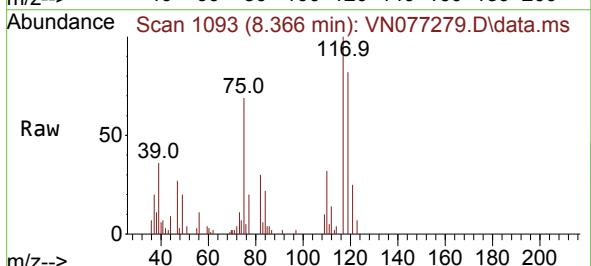
Tgt Ion: 117 Resp: 26083

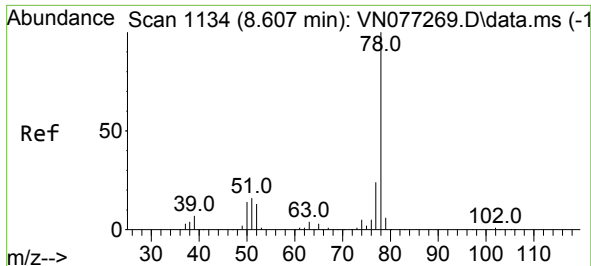
Ion Ratio Lower Upper

117 100

119 81.6 80.2 120.4

121 24.8 26.0 39.0#

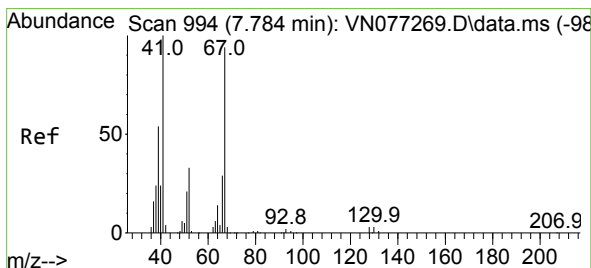
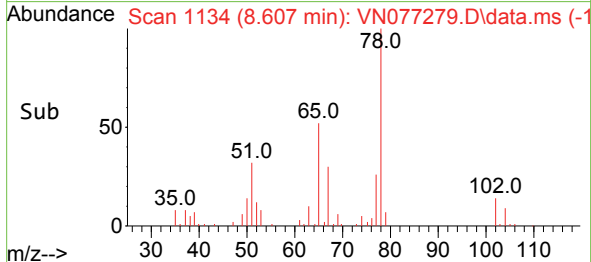
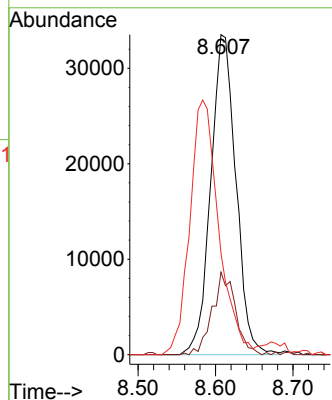
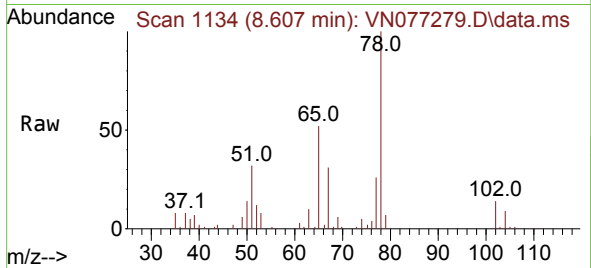




#34
Benzene
Concen: 2.534 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

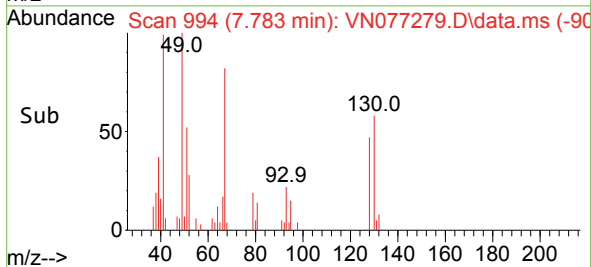
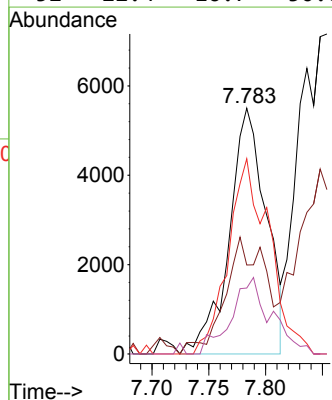
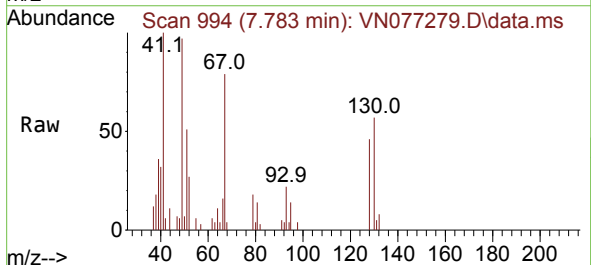
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

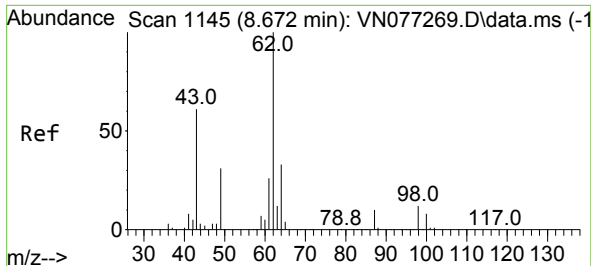
Tgt Ion: 78 Resp: 75765
Ion Ratio Lower Upper
78 100
77 25.8 19.4 29.0
51 28.9 12.6 19.0#



#35
Methacrylonitrile
Concen: 2.906 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 41 Resp: 12511
Ion Ratio Lower Upper
41 100
39 36.2 27.1 81.2
67 79.4 46.8 140.4
52 22.4 16.7 50.0

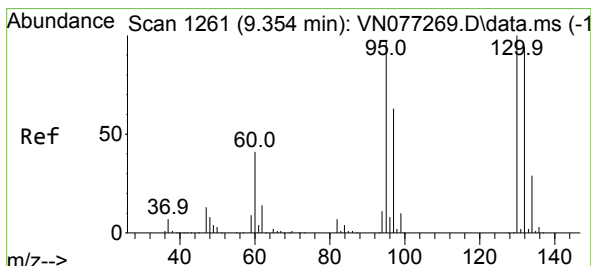
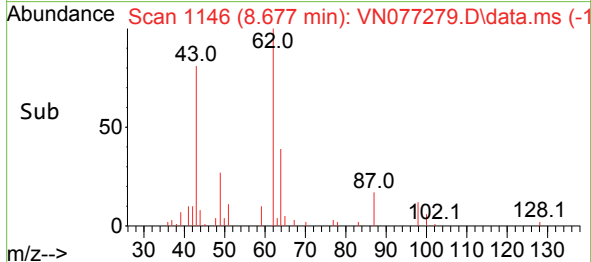
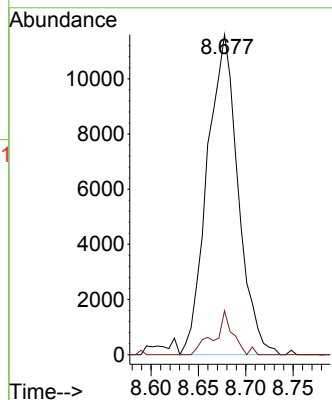
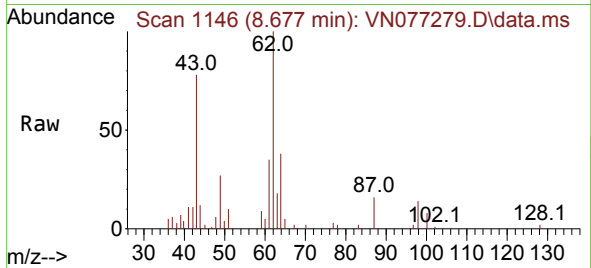




#36
1,2-Dichloroethane
Concen: 2.806 ug/l
RT: 8.677 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

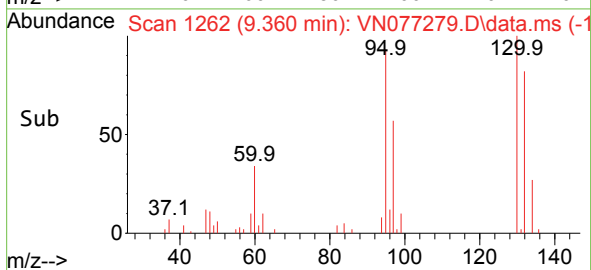
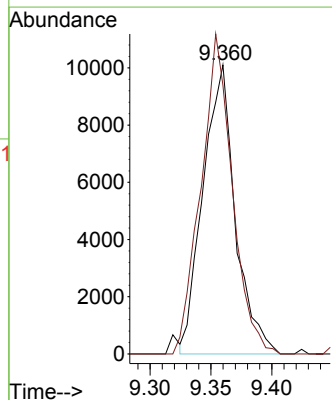
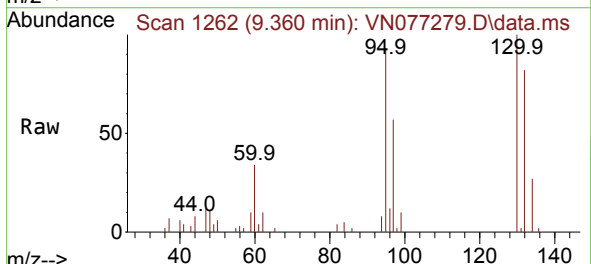
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

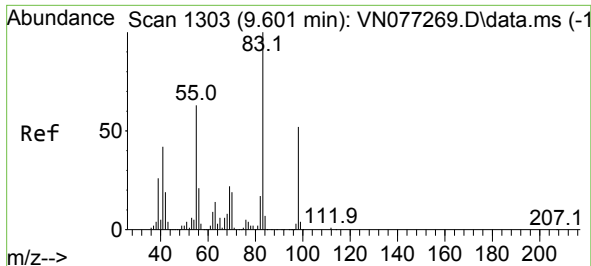
Tgt Ion: 62 Resp: 26306
Ion Ratio Lower Upper
62 100
98 5.4 8.3 12.5#



#37
Trichloroethene
Concen: 2.543 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 130 Resp: 18600
Ion Ratio Lower Upper
130 100
95 93.1 77.5 116.3

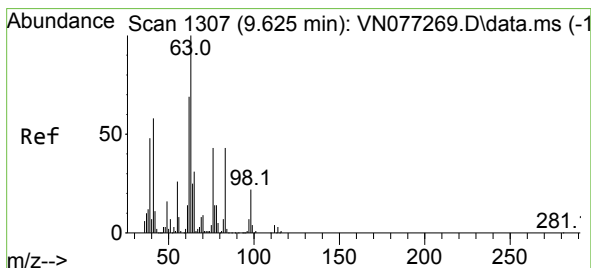
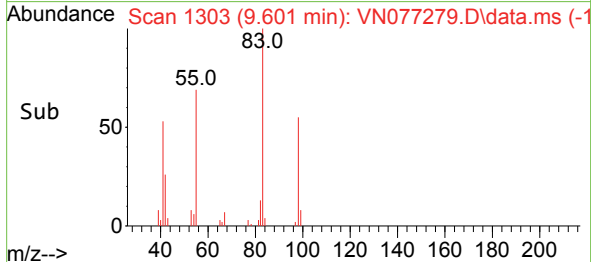
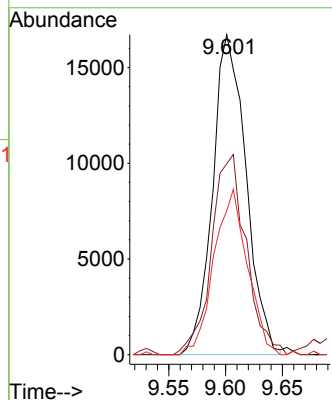
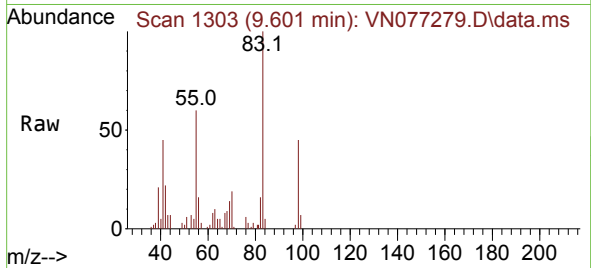




#38
Methylcyclohexane
Concen: 2.611 ug/l
RT: 9.601 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

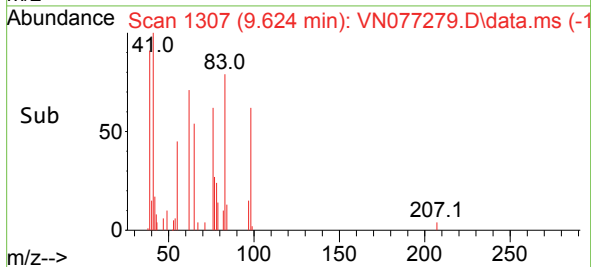
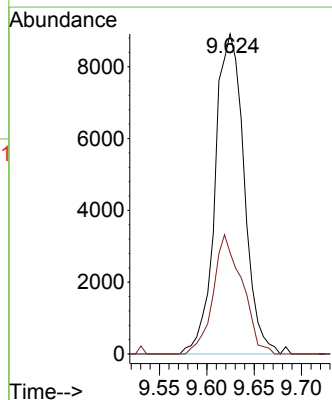
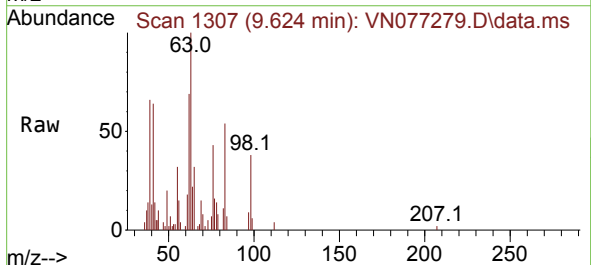
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

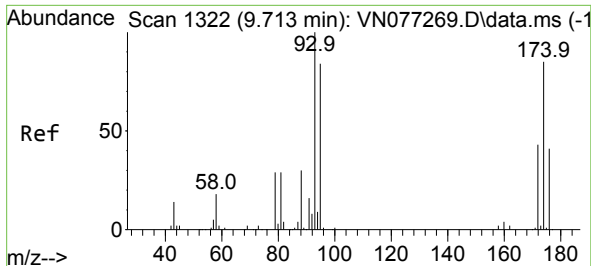
Tgt Ion: 83 Resp: 34222
Ion Ratio Lower Upper
83 100
55 64.6 32.0 96.2
98 51.8 25.3 75.9



#39
1,2-Dichloropropane
Concen: 2.558 ug/l
RT: 9.624 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

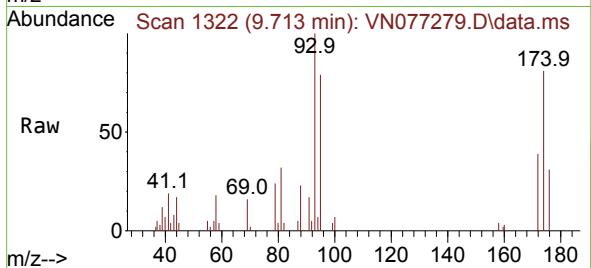
Tgt Ion: 63 Resp: 18986
Ion Ratio Lower Upper
63 100
65 31.6 24.8 37.2



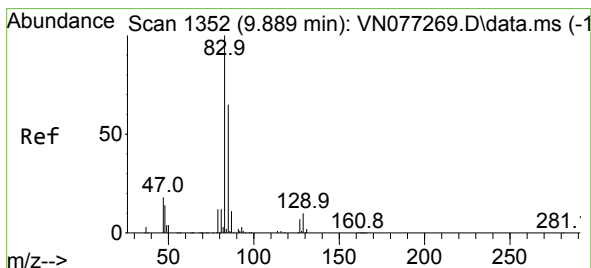
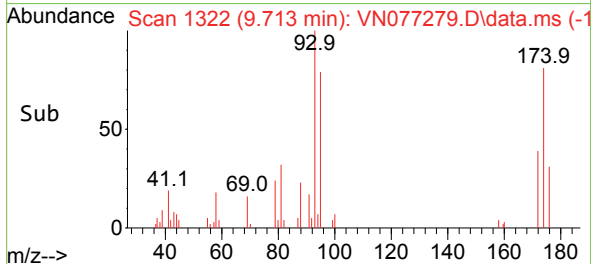
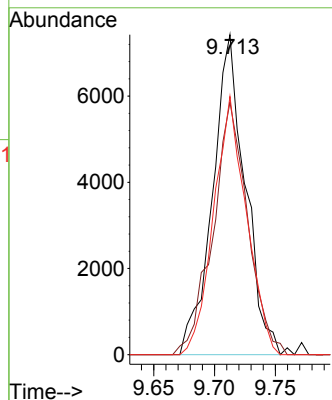


#40
Dibromomethane
Concen: 2.583 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

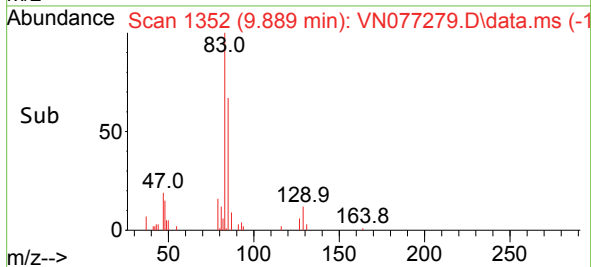
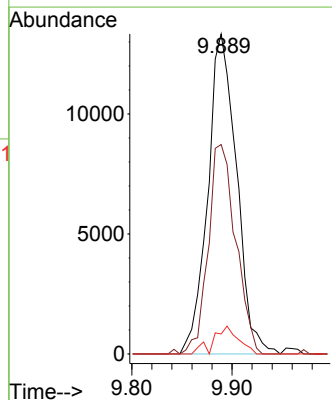
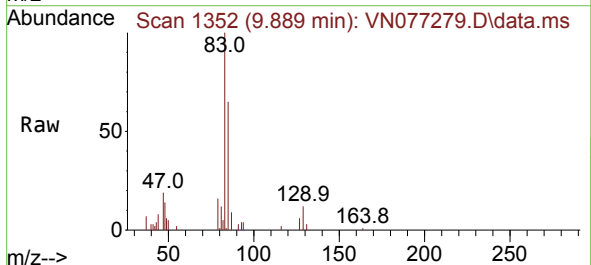


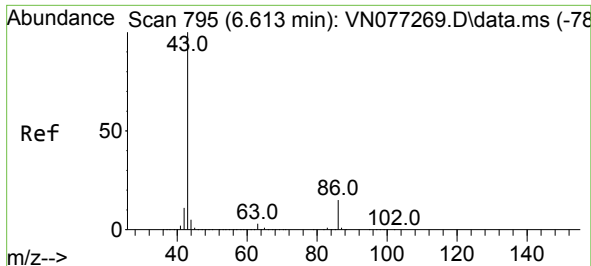
Tgt Ion: 93 Resp: 13816
Ion Ratio Lower Upper
93 100
95 84.6 0.0 166.4
174 81.3 0.0 164.8



#41
Bromodichloromethane
Concen: 2.489 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 83 Resp: 26545
Ion Ratio Lower Upper
83 100
85 65.4 52.3 78.5
127 6.3 5.9 8.9

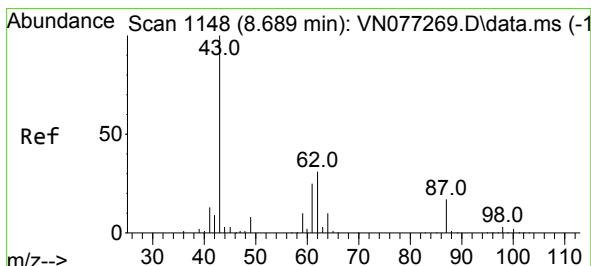
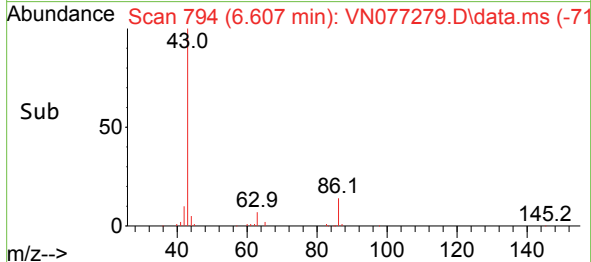
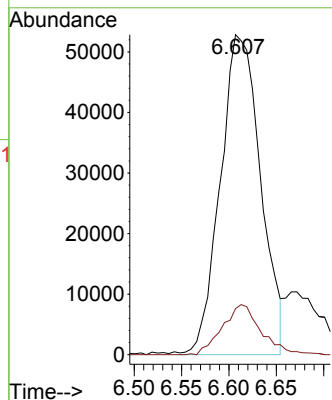
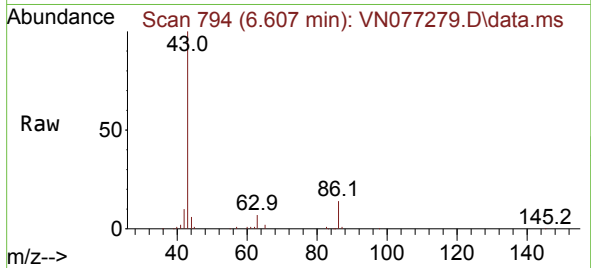




#42
 Vinyl Acetate
 Concen: 11.812 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

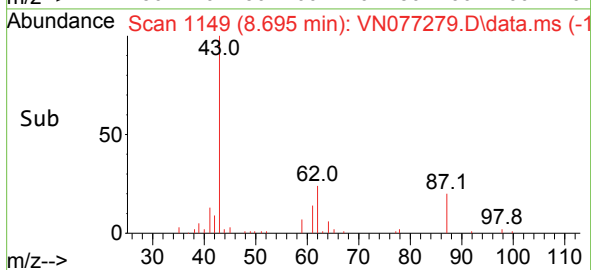
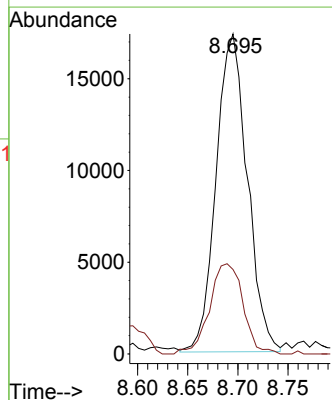
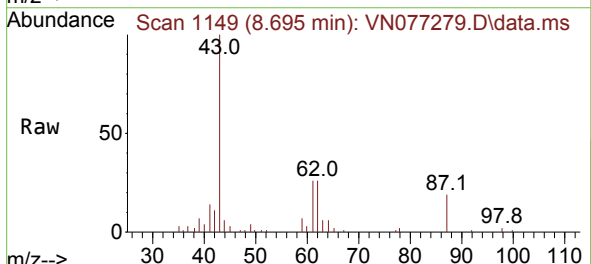
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

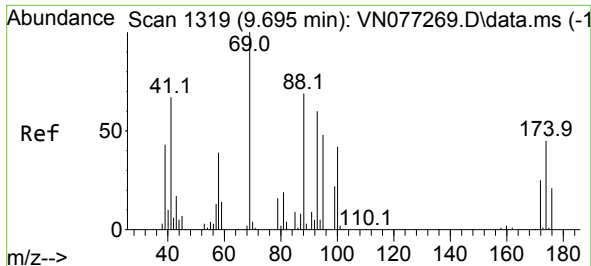
Tgt Ion: 43 Resp: 156248
 Ion Ratio Lower Upper
 43 100
 86 15.1 0.0 0.0#



#44
 Isopropyl Acetate
 Concen: 2.479 ug/l
 RT: 8.695 min Scan# 1149
 Delta R.T. 0.006 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

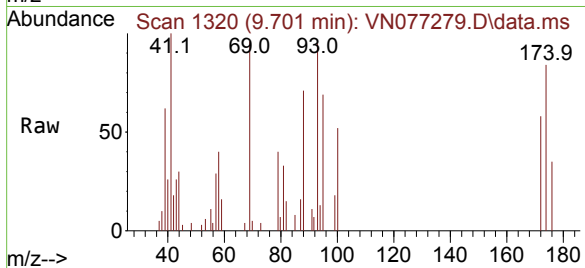
Tgt Ion: 43 Resp: 37529
 Ion Ratio Lower Upper
 43 100
 61 27.8 0.0 0.0#



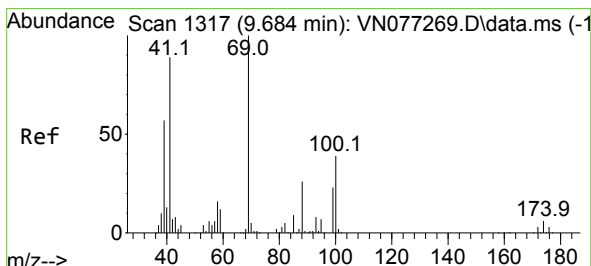
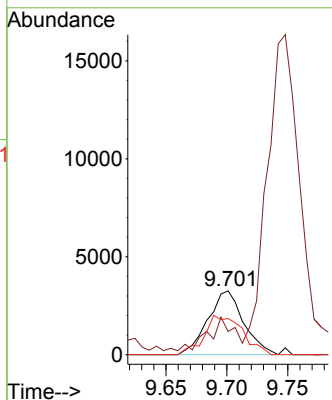
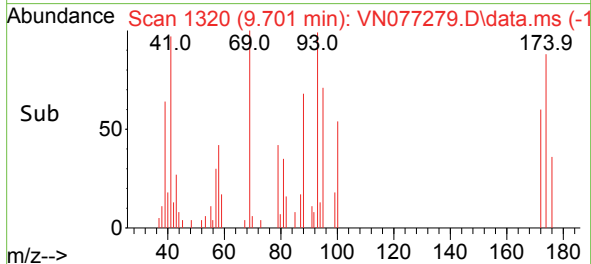


#45
1,4-Dioxane
Concen: 41.724 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

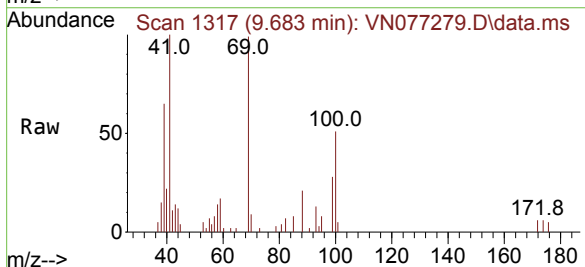
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



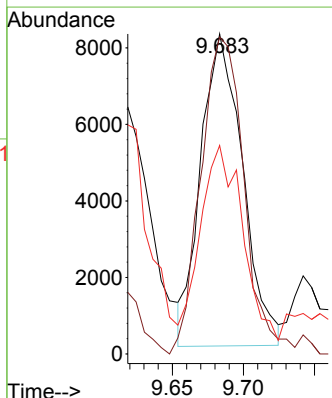
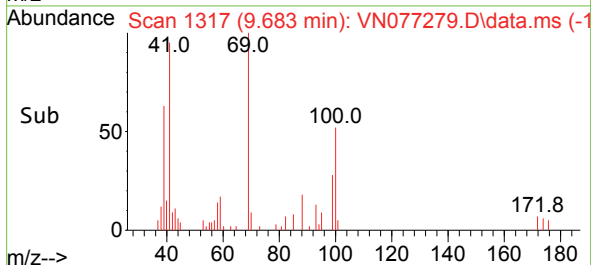
Tgt Ion: 88 Resp: 6662
Ion Ratio Lower Upper
88 100
43 14.5 17.4 26.0#
58 65.1 48.2 72.4

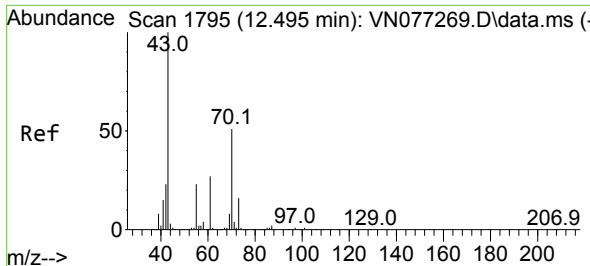


#46
Methyl methacrylate
Concen: 2.564 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20



Tgt Ion: 41 Resp: 16712
Ion Ratio Lower Upper
41 100
69 104.0 54.5 163.5
39 67.0 33.4 100.2

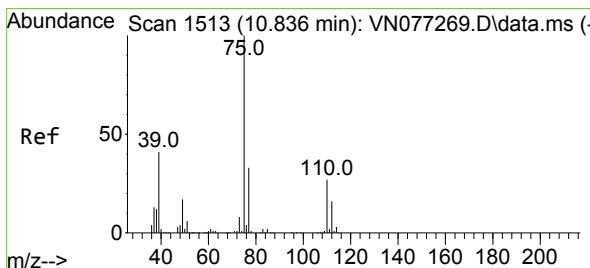
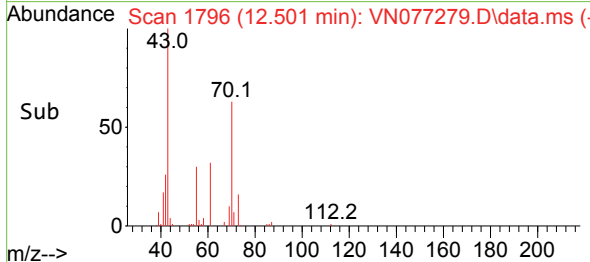
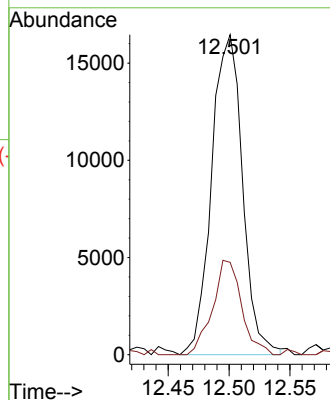
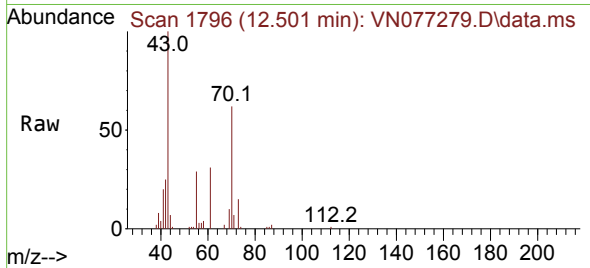




#47
n-amy1 Acetate
Concen: 2.196 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

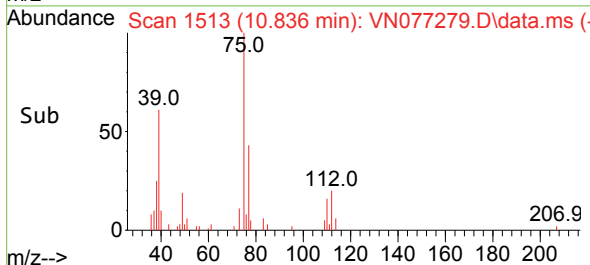
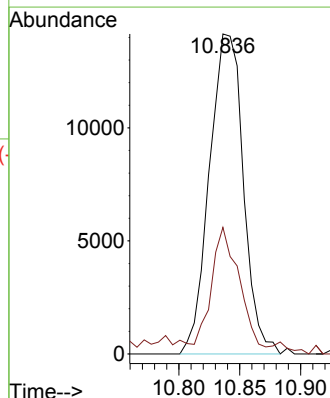
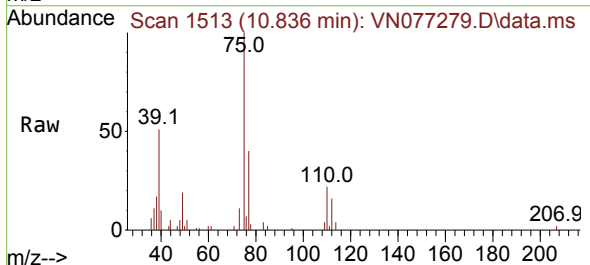
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

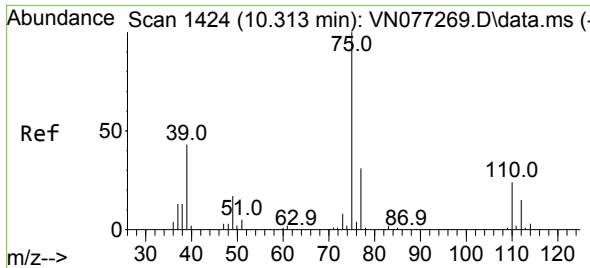
Tgt Ion: 43 Resp: 29052
Ion Ratio Lower Upper
43 100
55 27.7 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 2.298 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 75 Resp: 27430
Ion Ratio Lower Upper
75 100
77 35.8 26.5 39.7

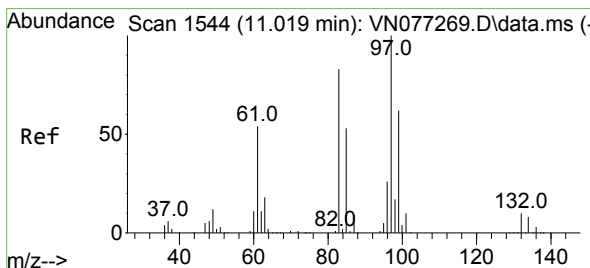
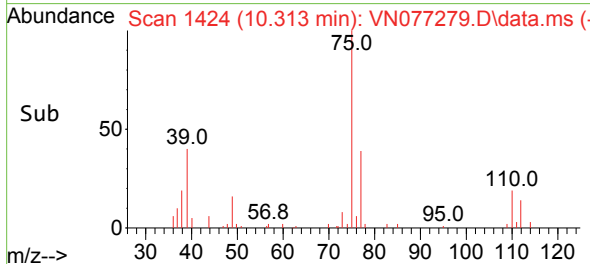
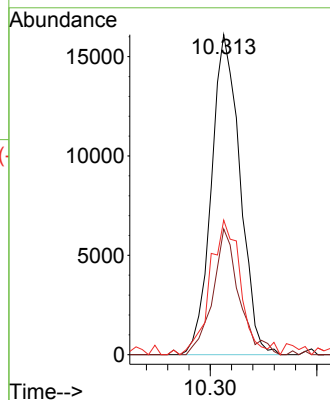
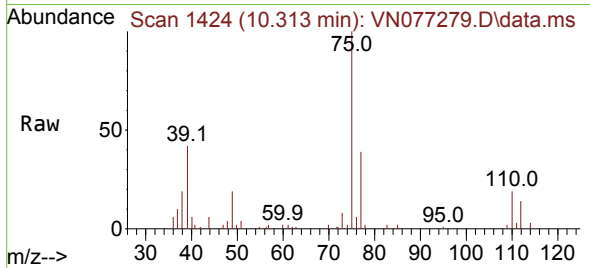




#49
 cis-1,3-Dichloropropene
 Concen: 2.372 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

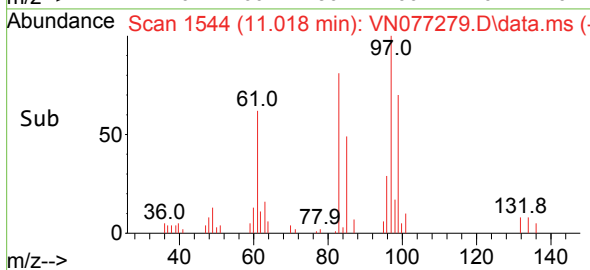
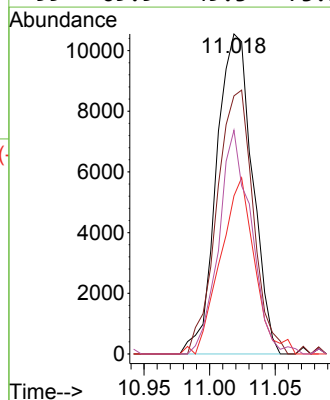
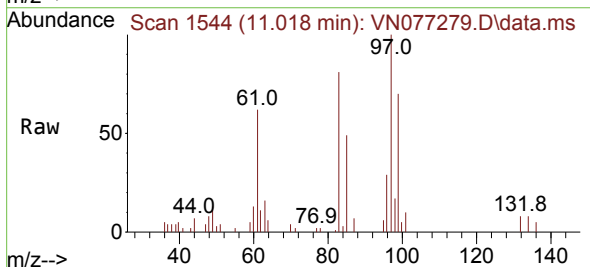
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023

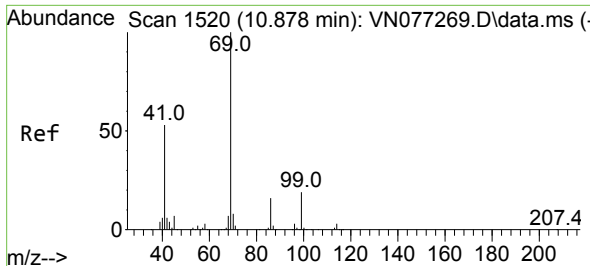
Tgt Ion:	75	Resp:	30124
Ion	Ratio	Lower	Upper
75	100		
77	39.3	25.0	37.6#
39	42.0	34.4	51.6



#50
 1,1,2-Trichloroethane
 Concen: 2.584 ug/l
 RT: 11.018 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

Tgt Ion:	97	Resp:	20078
Ion	Ratio	Lower	Upper
97	100		
83	80.7	66.7	100.1
85	49.4	42.4	63.6
99	69.9	49.3	73.9

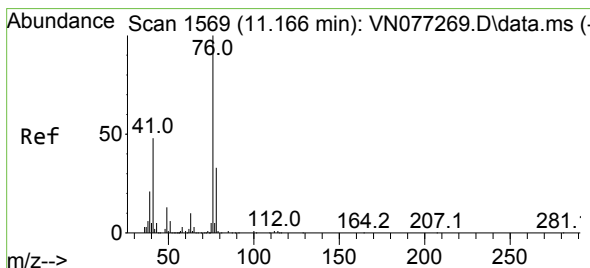
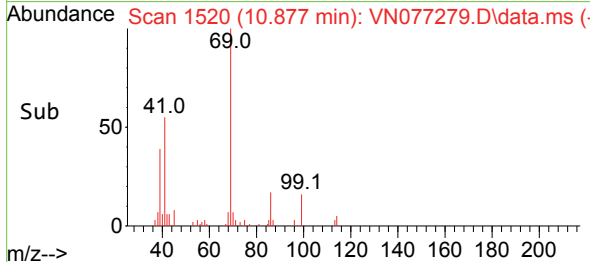
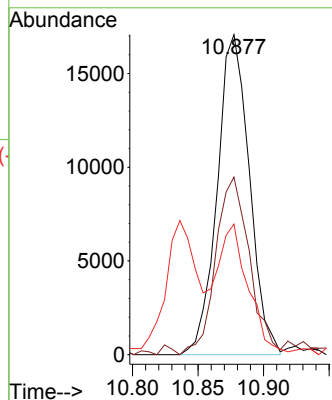
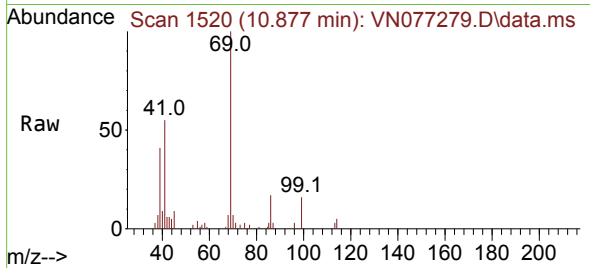




#51
Ethyl methacrylate
Concen: 2.444 ug/l
RT: 10.877 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

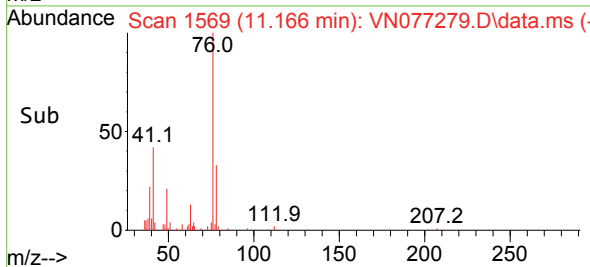
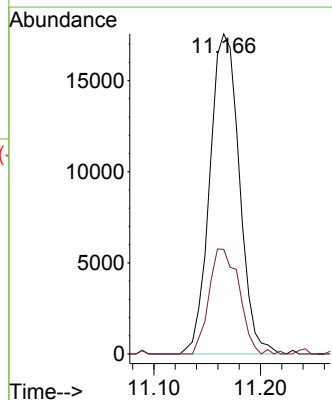
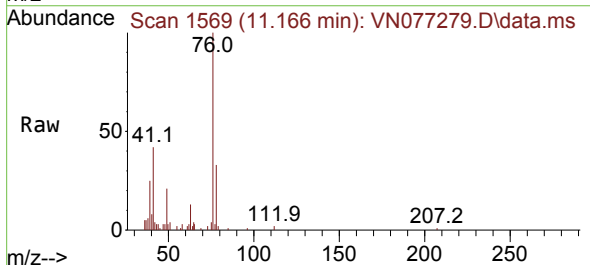
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

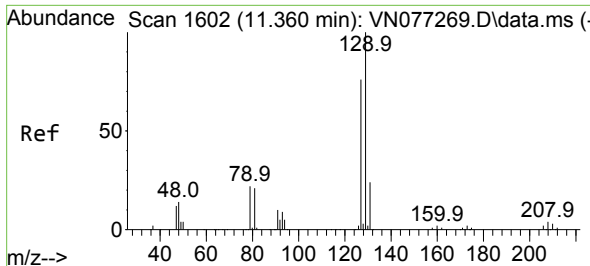
Tgt Ion: 69 Resp: 29164
Ion Ratio Lower Upper
69 100
41 55.5 26.7 80.0
39 39.1 17.0 50.9



#52
1,3-Dichloropropane
Concen: 2.612 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 76 Resp: 33872
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.0

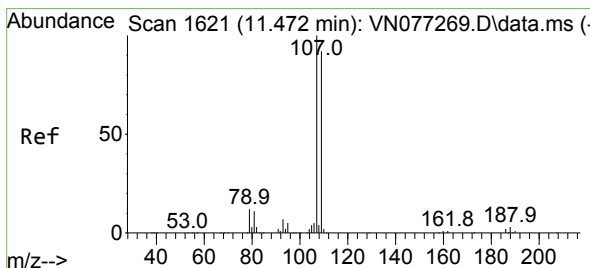
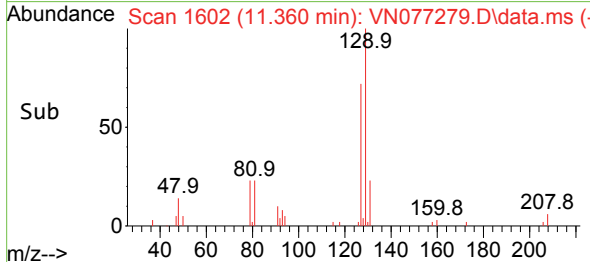
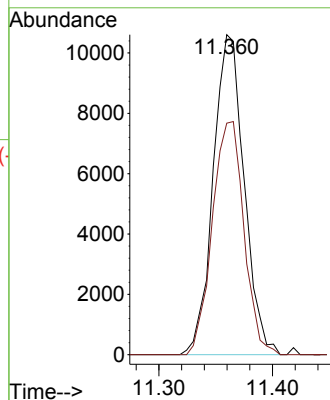
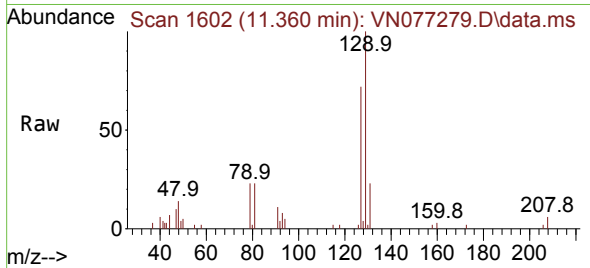




#53
Dibromochloromethane
Concen: 2.454 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

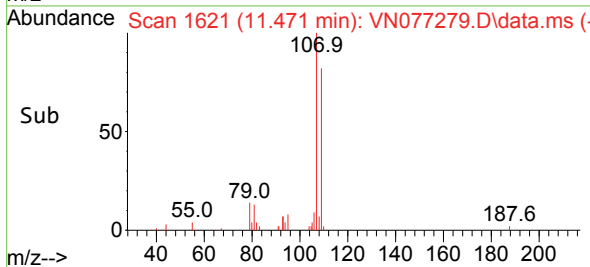
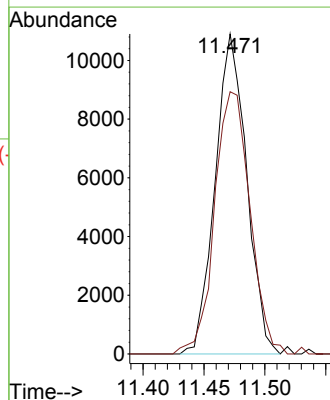
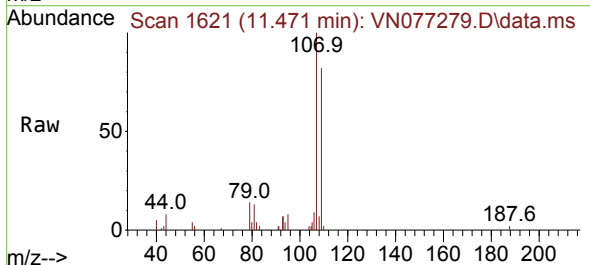
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

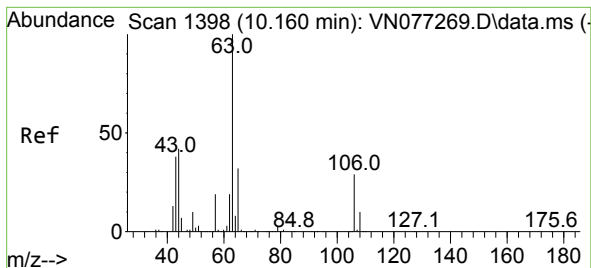
Tgt Ion:129 Resp: 20097
Ion Ratio Lower Upper
129 100
127 74.3 38.6 115.8



#54
1,2-Dibromoethane
Concen: 2.515 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:107 Resp: 19613
Ion Ratio Lower Upper
107 100
109 92.1 74.1 111.1

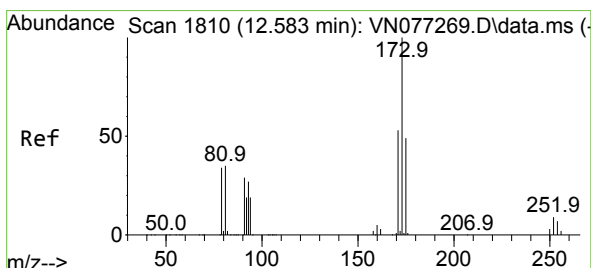
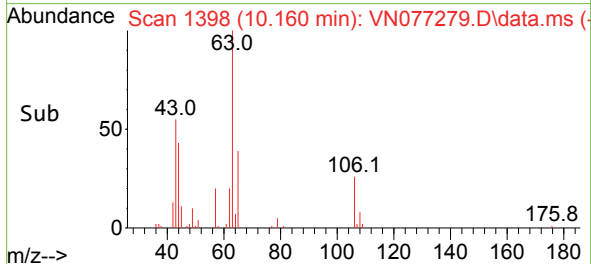
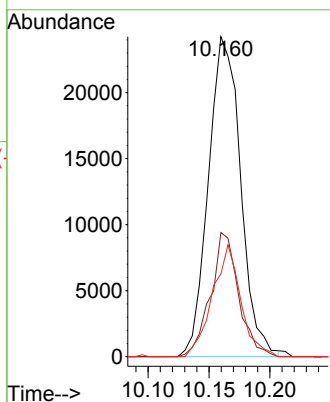
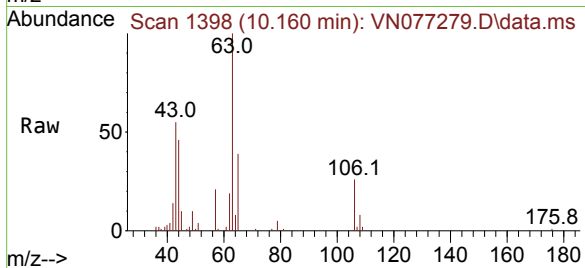




#55
2-Chloroethyl vinyl ether
Concen: 12.102 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

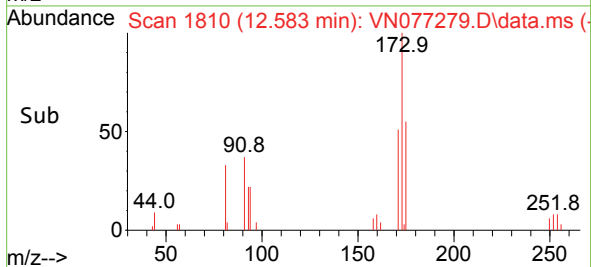
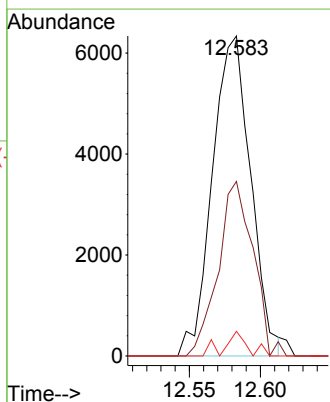
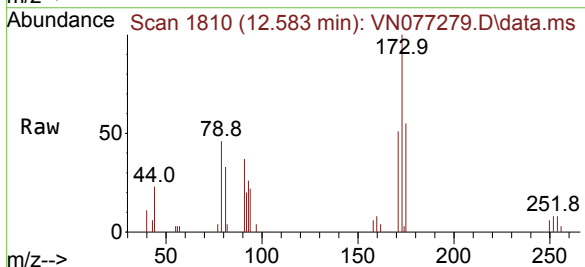
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

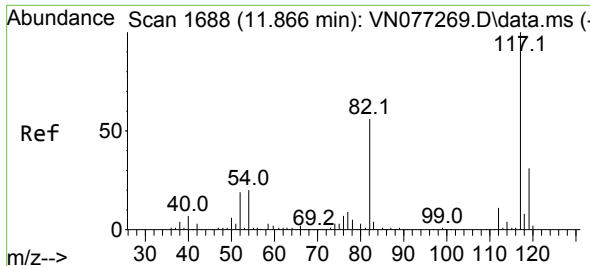
Tgt Ion: 63 Resp: 44578
Ion Ratio Lower Upper
63 100
65 33.8 25.7 38.5
106 30.9 24.0 36.0



#56
Bromoform
Concen: 2.163 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 173 Resp: 11898
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.2
254 3.0 6.0 9.0#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1689

Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

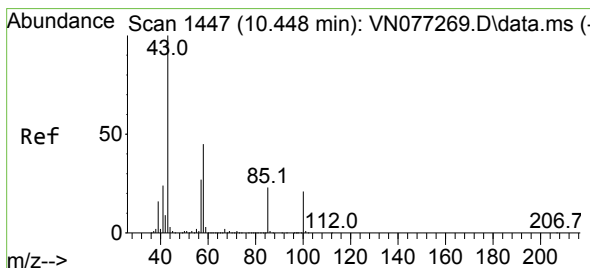
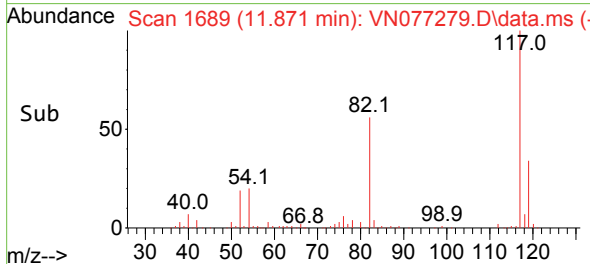
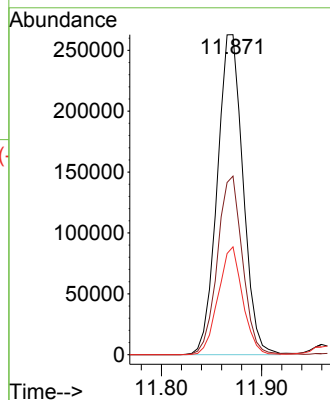
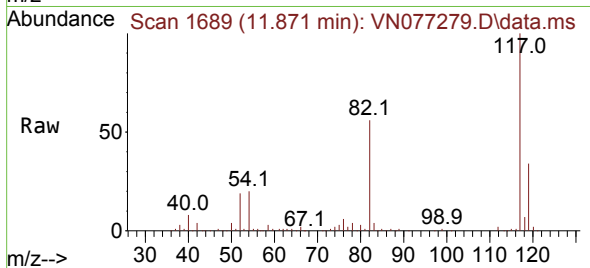
Tgt Ion:117 Resp: 469125

Ion Ratio Lower Upper

117 100

82 54.4 43.8 65.8

119 31.9 25.4 38.0



#58

4-Methyl-2-Pentanone

Concen: 12.320 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

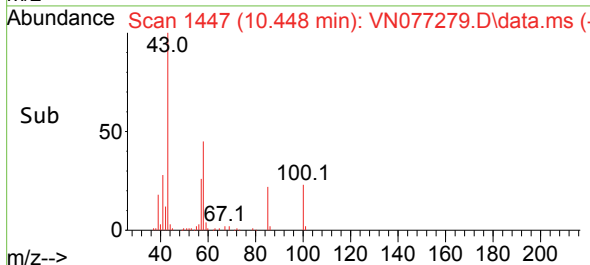
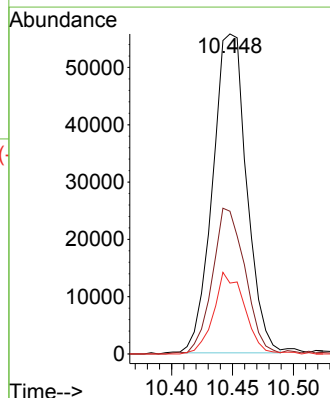
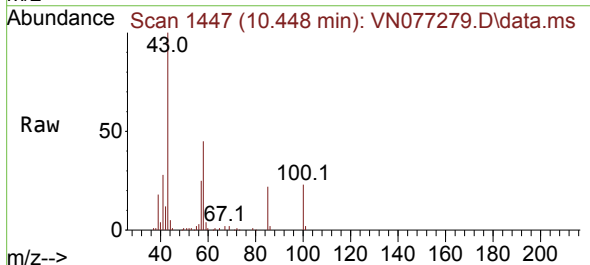
Tgt Ion: 43 Resp: 108215

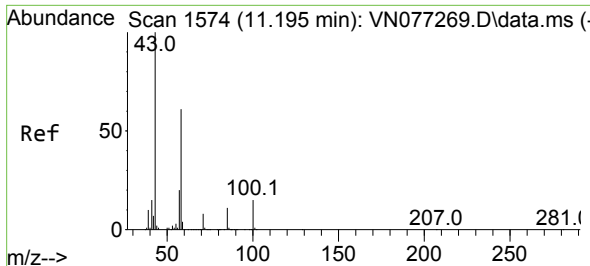
Ion Ratio Lower Upper

43 100

58 43.7 34.7 52.1

85 23.1 17.8 26.8

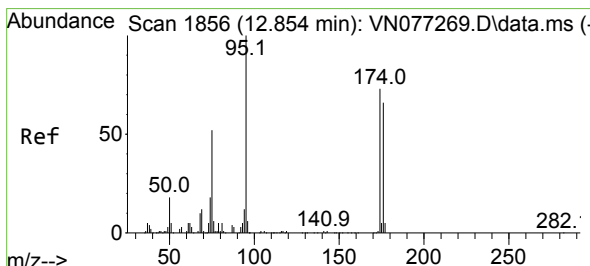
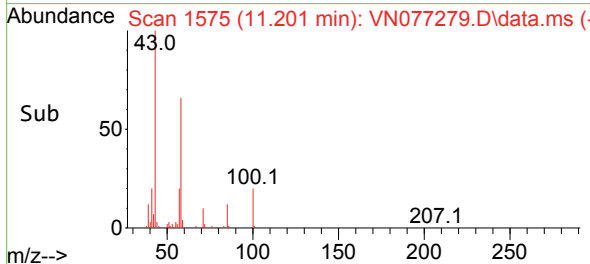
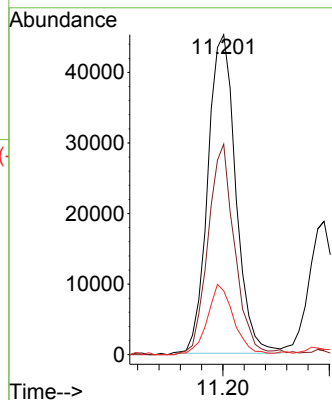
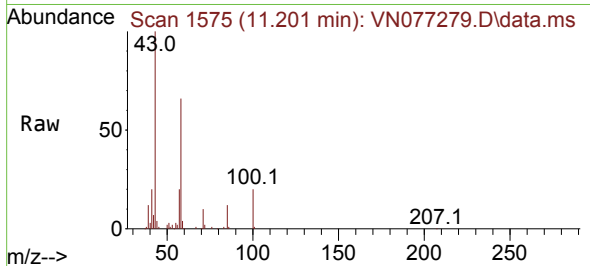




#59
2-Hexanone
Concen: 12.097 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

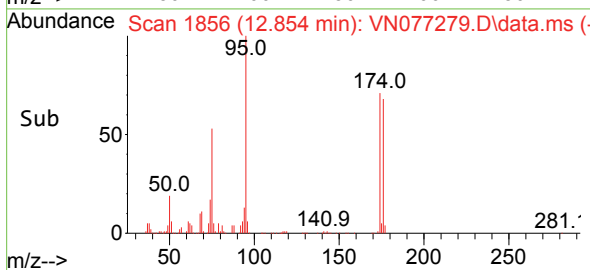
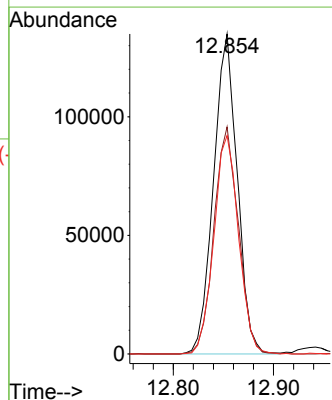
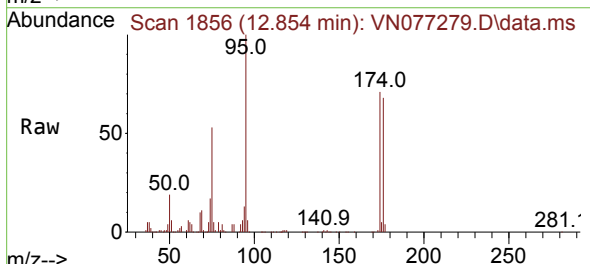
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

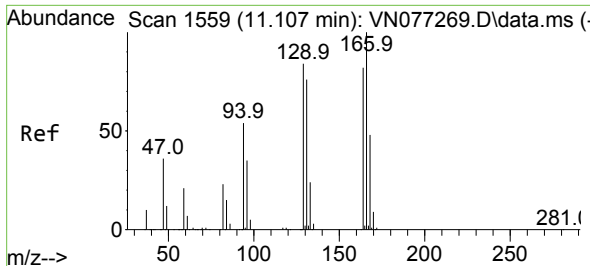
Tgt Ion: 43 Resp: 82135
Ion Ratio Lower Upper
43 100
58 62.6 48.6 73.0
57 21.0 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 27.377 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 95 Resp: 222079
Ion Ratio Lower Upper
95 100
174 73.1 57.8 86.8
176 71.0 54.6 81.8

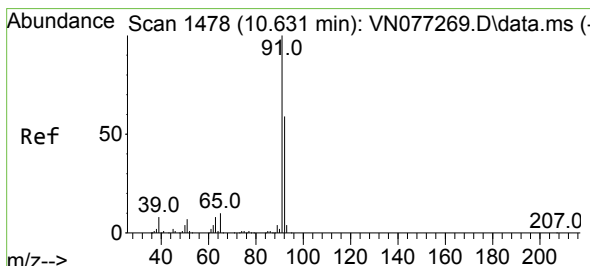
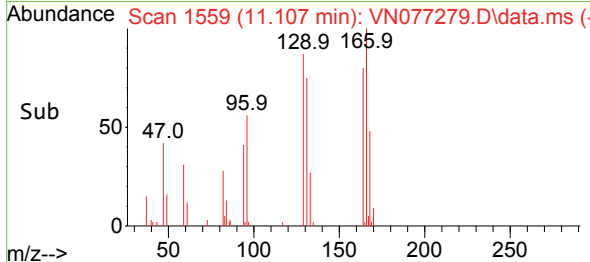
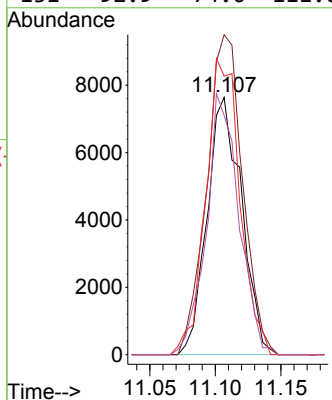
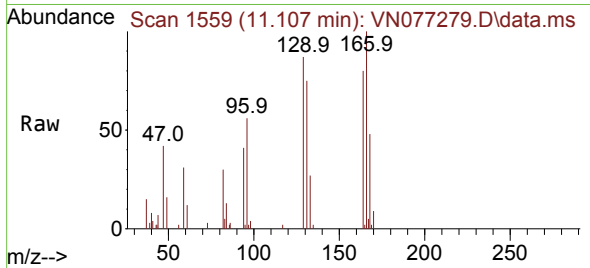




#61
Tetrachloroethene
Concen: 2.495 ug/l
RT: 11.107 min Scan# 11559
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

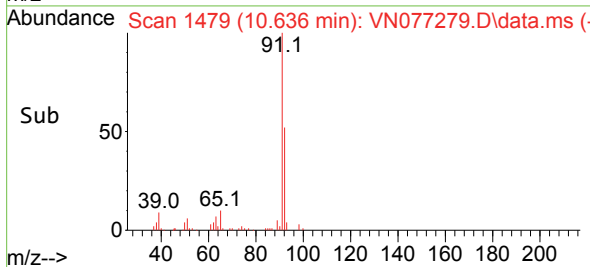
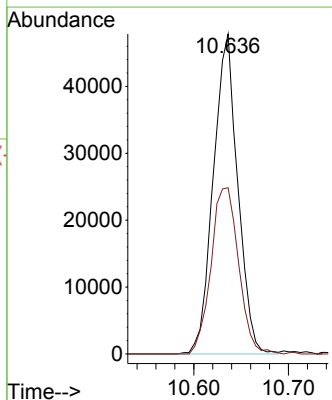
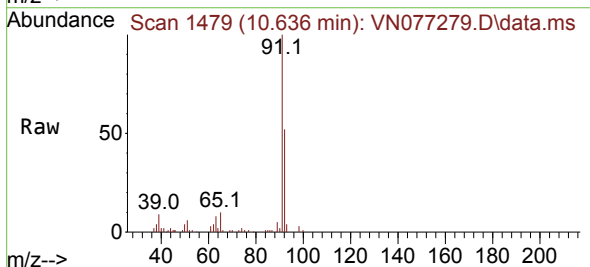
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

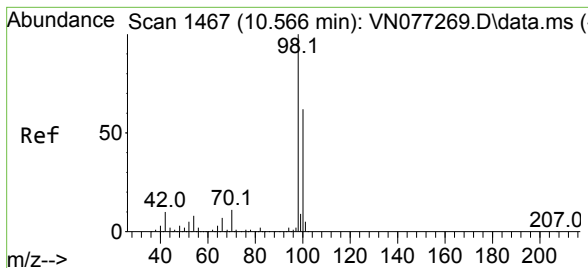
Tgt	Ion:164	Resp:	13924
Ion	Ratio	Lower	Upper
164	100		
166	124.4	97.9	146.9
129	108.3	82.5	123.7
131	92.9	74.0	111.0



#62
Toluene
Concen: 2.618 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 91	Resp: 85706
Ion Ratio	Lower Upper
91 100	
92 58.6	46.6 70.0





#63

Toluene-d8

Concen: 31.001 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

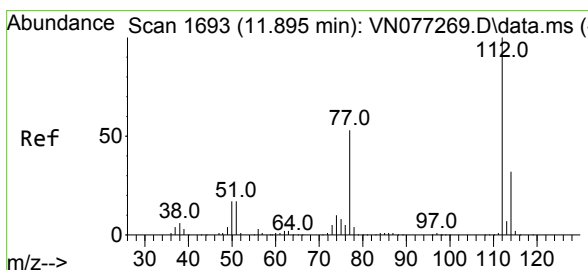
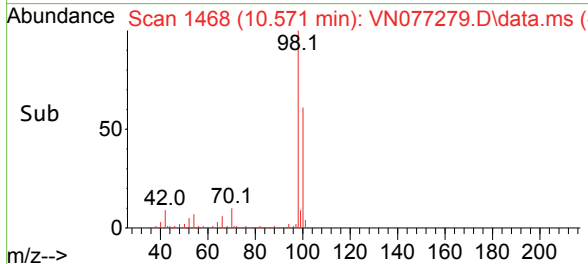
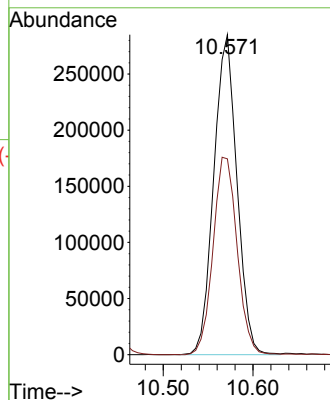
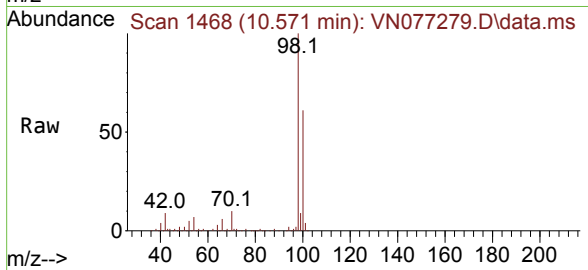
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 98 Resp: 511274

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2



#64

Chlorobenzene

Concen: 2.542 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077279.D

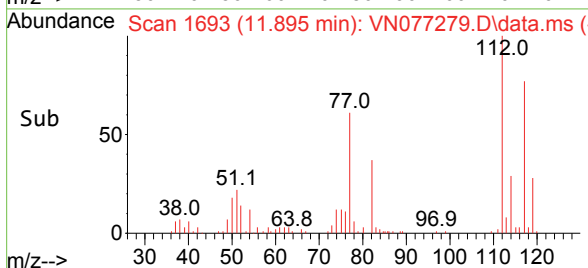
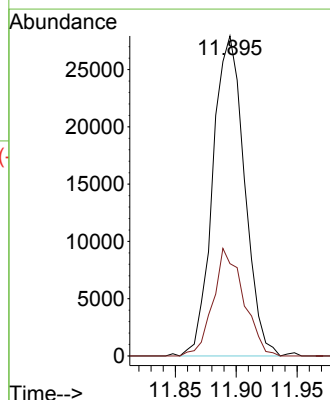
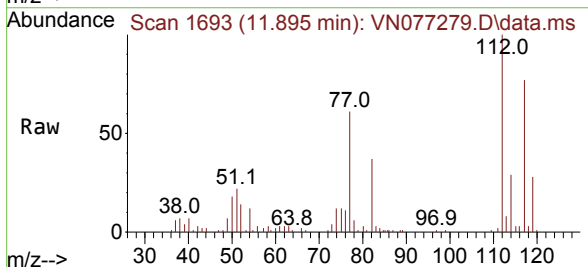
Acq: 07 Apr 2023 16:20

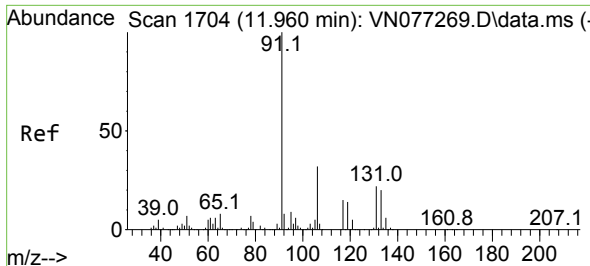
Tgt Ion: 112 Resp: 50556

Ion Ratio Lower Upper

112 100

114 28.8 25.6 38.4

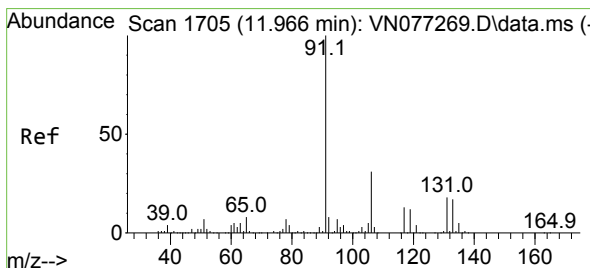
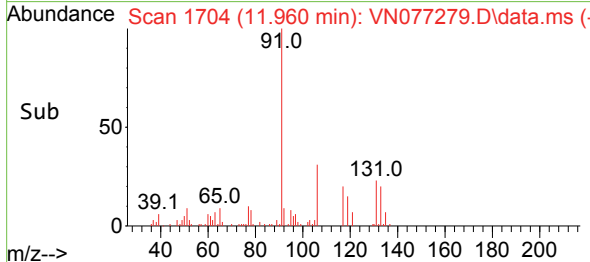
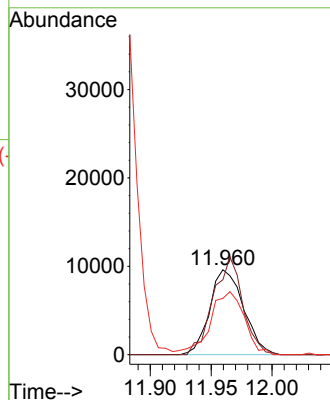
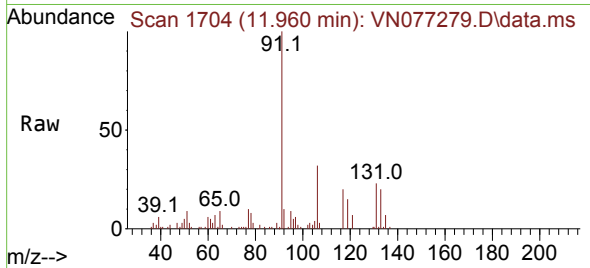




#65
1,1,1,2-Tetrachloroethane
Concen: 2.536 ug/l
RT: 11.960 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

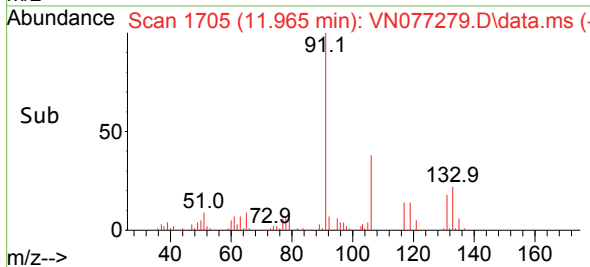
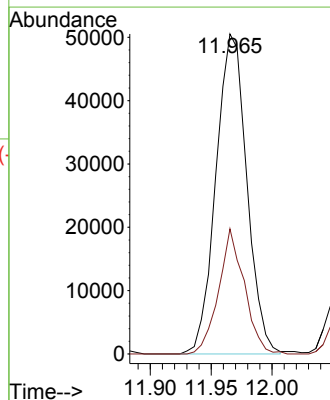
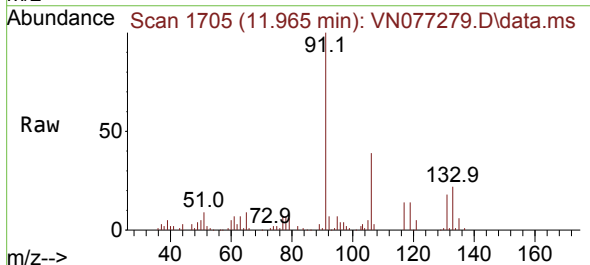
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

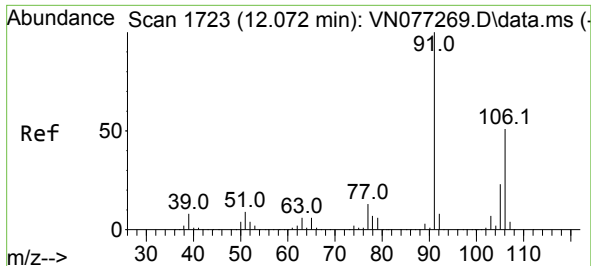
Tgt Ion:131 Resp: 18547
Ion Ratio Lower Upper
131 100
133 100.4 0.0 184.4
119 75.2 0.0 134.8



#66
Ethyl Benzene
Concen: 2.459 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 91 Resp: 89165
Ion Ratio Lower Upper
91 100
106 39.1 25.0 37.6#

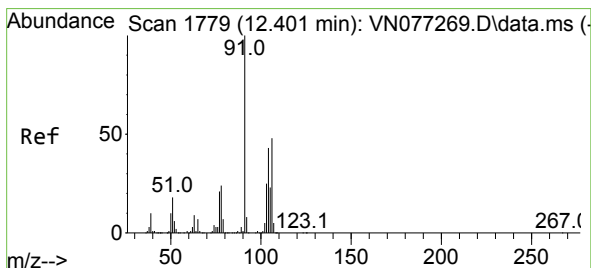
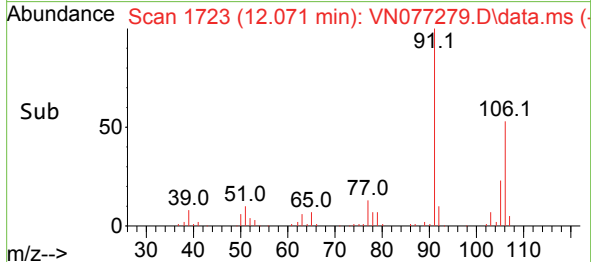
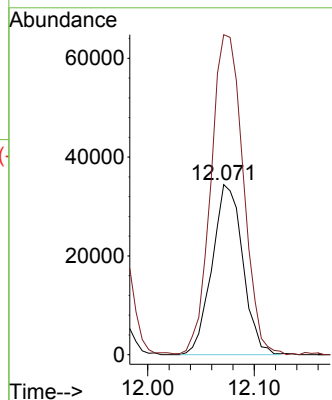
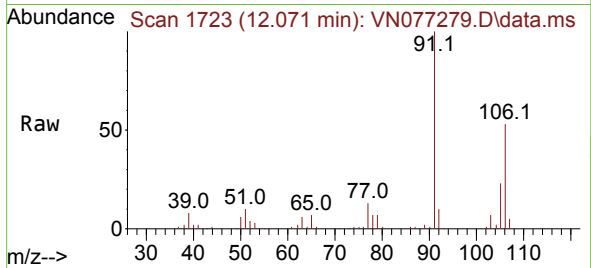




#67
m/p-Xylenes
Concen: 4.847 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

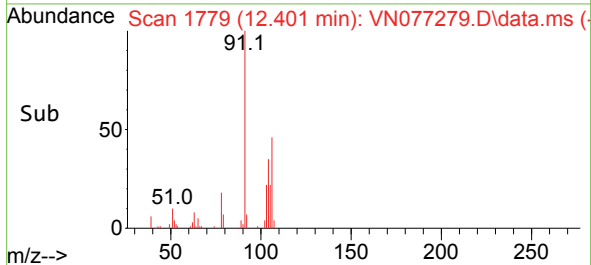
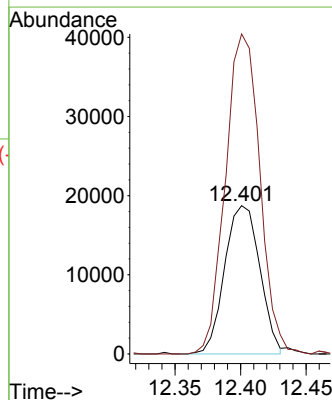
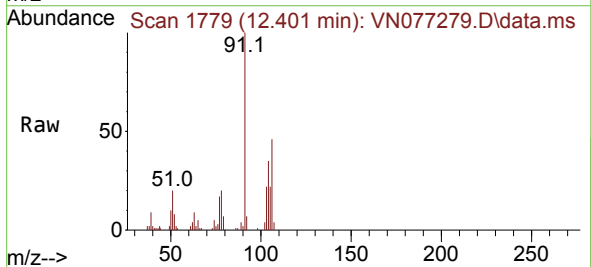
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

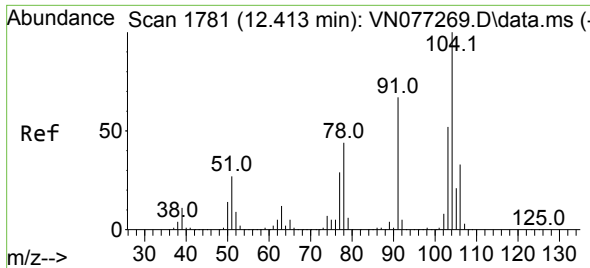
Tgt Ion:106 Resp: 68900
Ion Ratio Lower Upper
106 100
91 197.9 158.0 237.0



#68
o-Xylene
Concen: 2.457 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:106 Resp: 34939
Ion Ratio Lower Upper
106 100
91 211.3 103.6 310.8

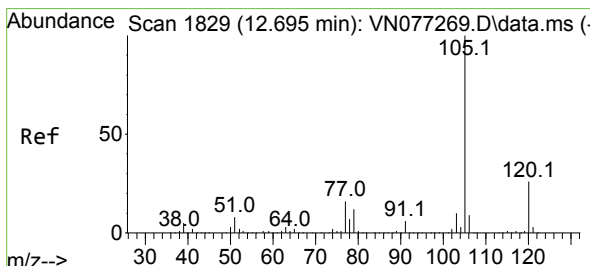
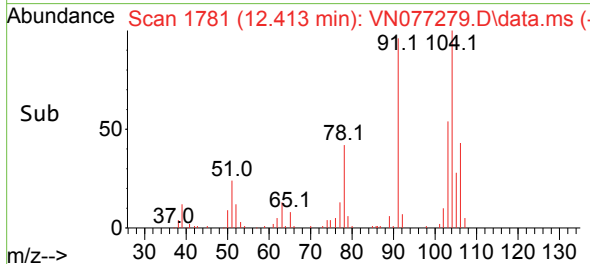
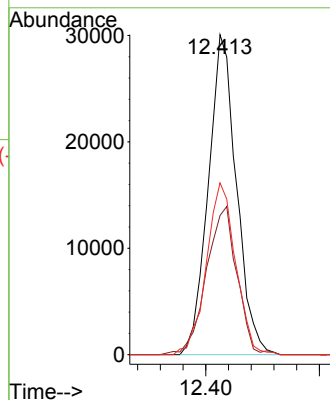
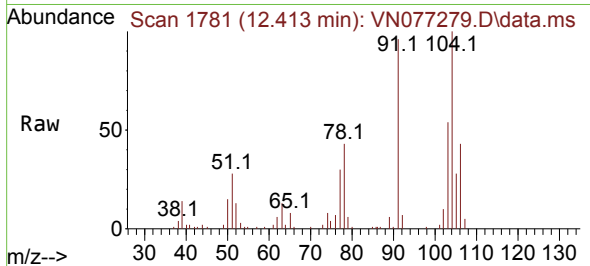




#69
Styrene
Concen: 2.274 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

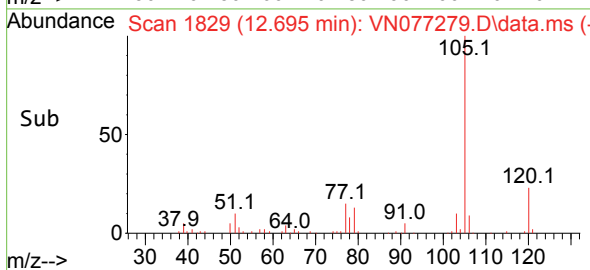
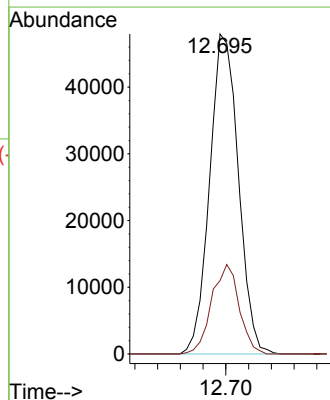
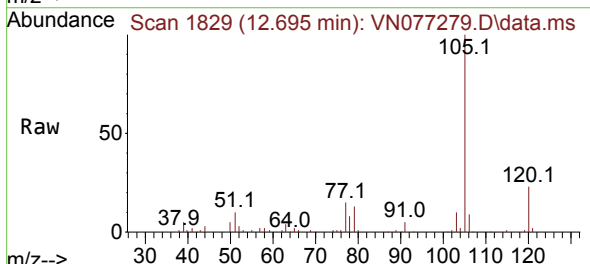
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

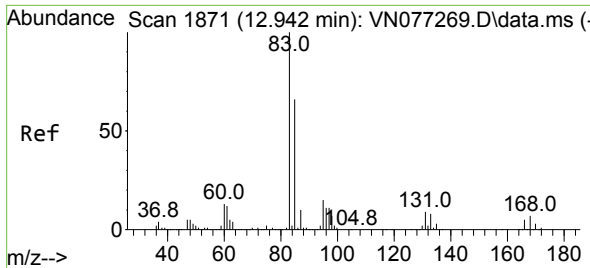
Tgt Ion:104 Resp: 51814
Ion Ratio Lower Upper
104 100
78 49.3 38.2 57.4
103 55.7 43.6 65.4



#70
Isopropylbenzene
Concen: 2.335 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:105 Resp: 84282
Ion Ratio Lower Upper
105 100
120 26.8 18.3 34.1

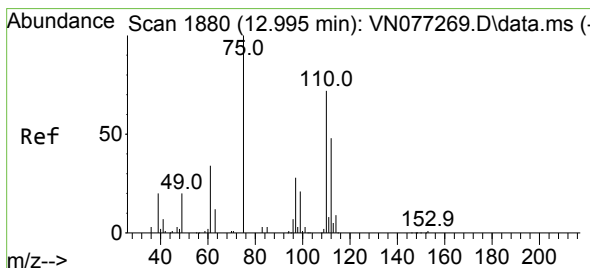
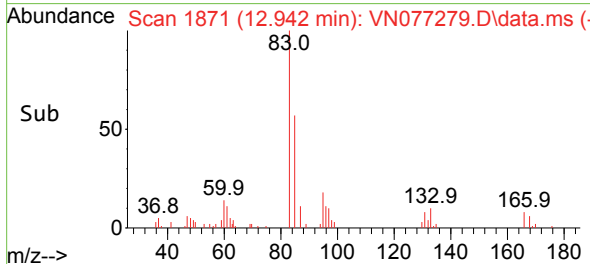
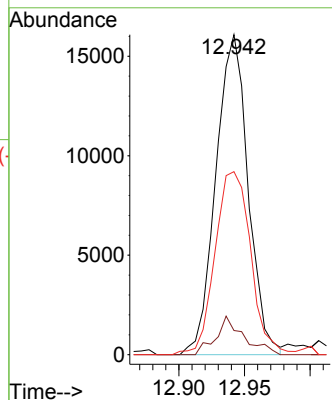
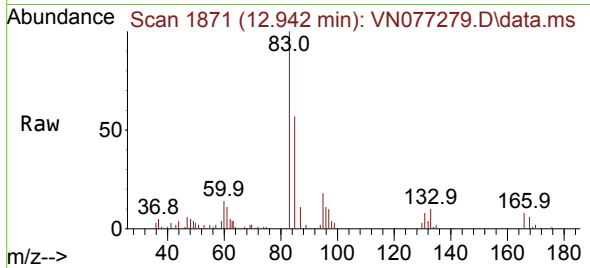




#71
1,1,2-Tetrachloroethane
Concen: 2.492 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

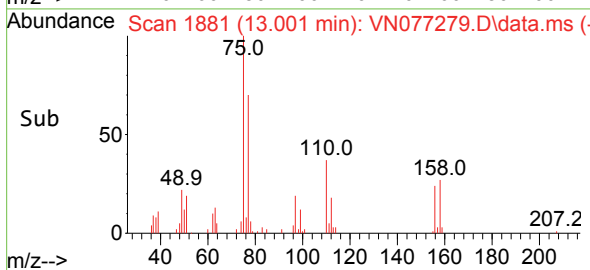
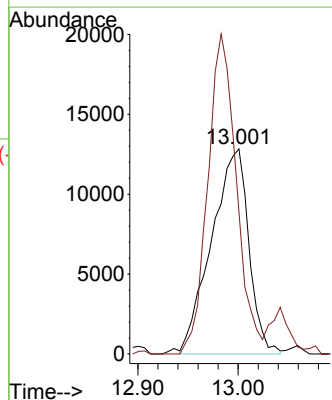
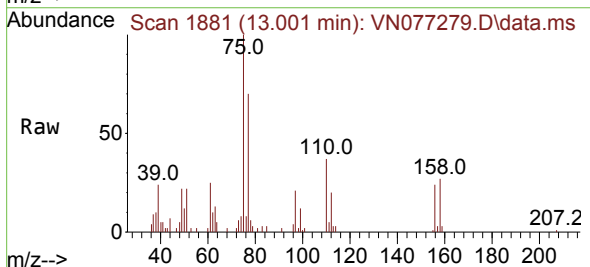
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

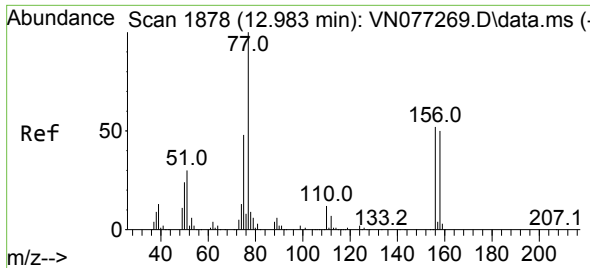
Tgt Ion: 83 Resp: 27535
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.0
85 61.2 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 4.405 ug/l
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 75 Resp: 33091
Ion Ratio Lower Upper
75 100
77 119.8 0.0 434.2

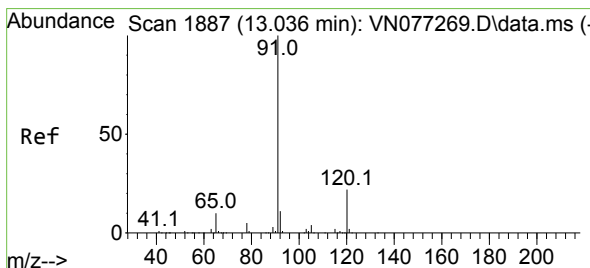
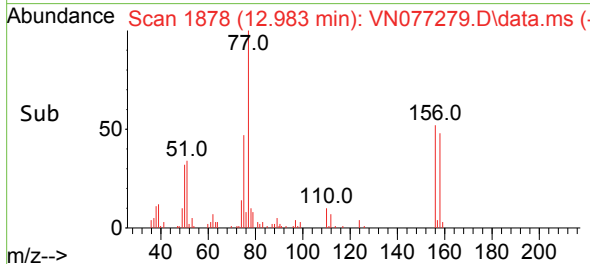
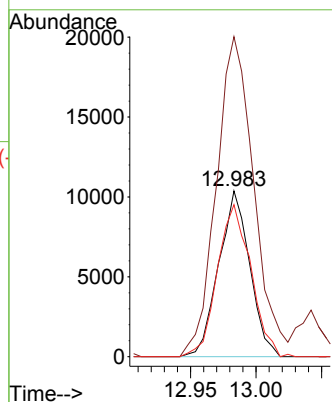
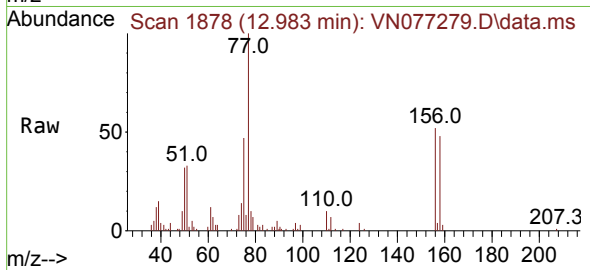




#73
Bromobenzene
Concen: 2.324 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

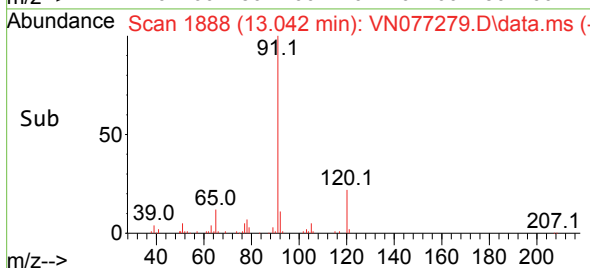
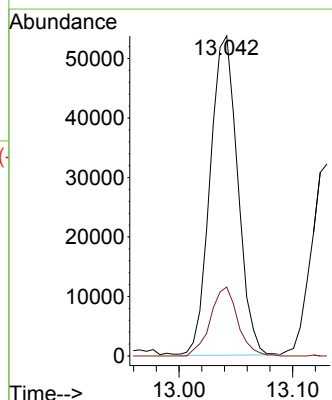
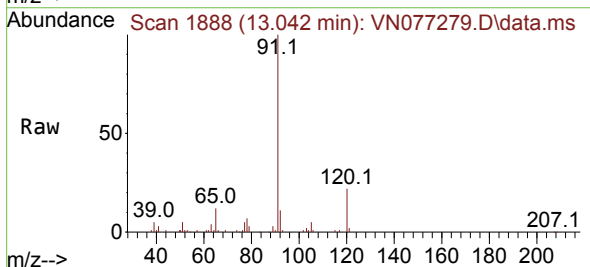
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

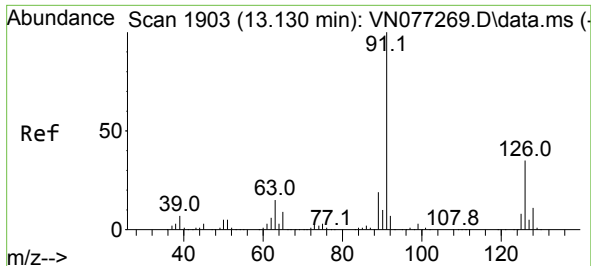
Tgt Ion:156 Resp: 17039
Ion Ratio Lower Upper
156 100
77 232.7 0.0 456.6
158 99.1 0.0 195.6



#74
n-propylbenzene
Concen: 2.267 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 91 Resp: 90505
Ion Ratio Lower Upper
91 100
120 21.4 0.0 45.6

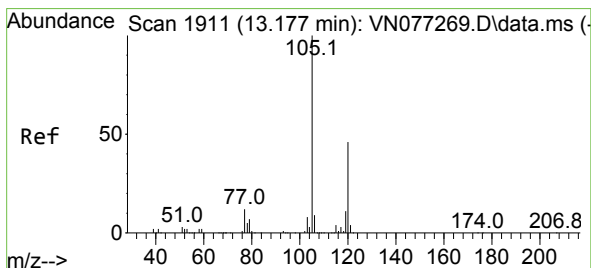
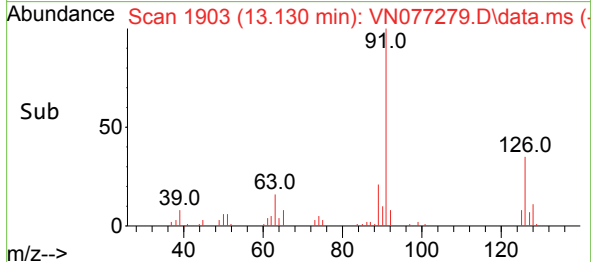
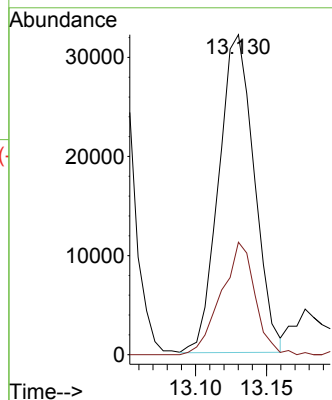
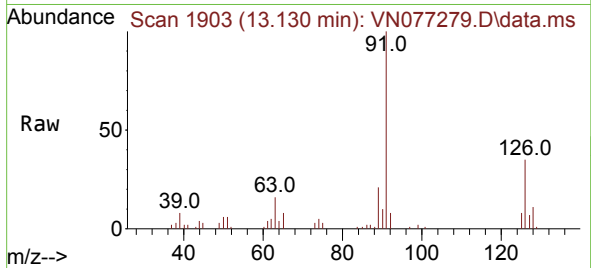




#75
2-Chlorotoluene
Concen: 2.334 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

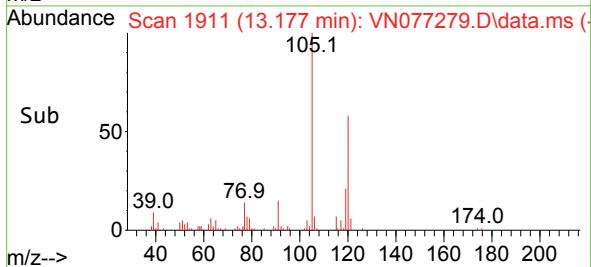
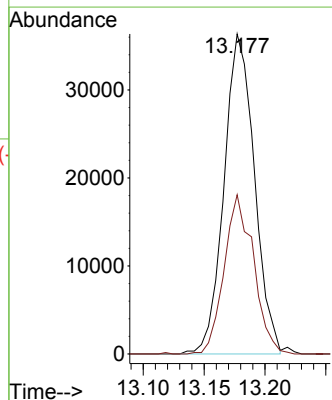
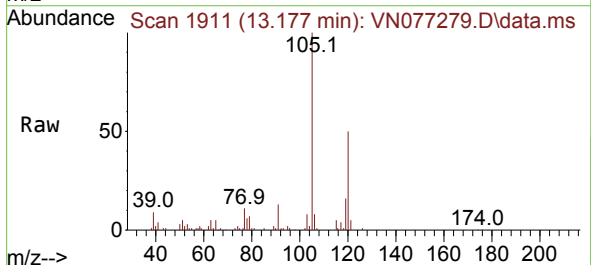
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

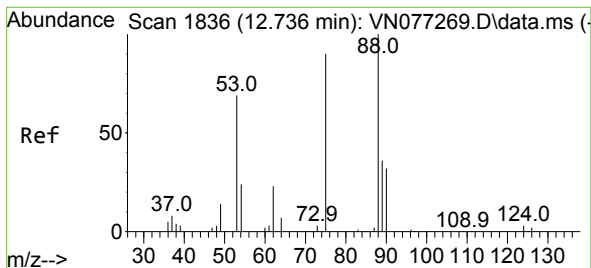
Tgt Ion: 91 Resp: 55836
Ion Ratio Lower Upper
91 100
126 33.6 0.0 67.0



#76
1,3,5-Trimethylbenzene
Concen: 2.151 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:105 Resp: 63183
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.4

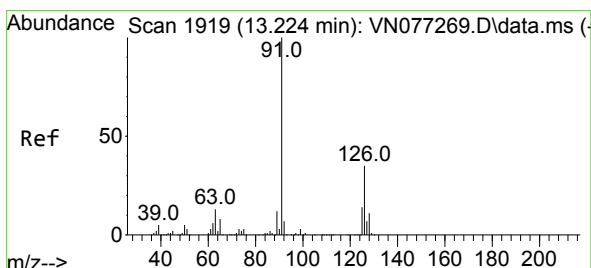
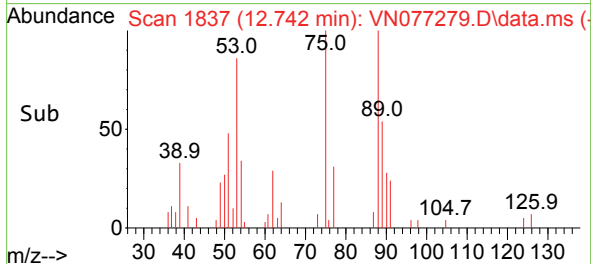
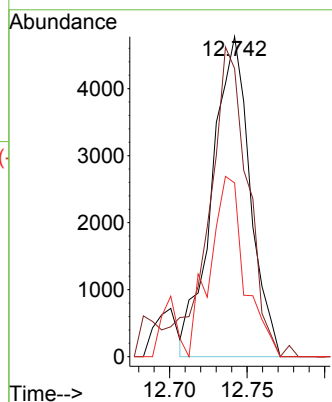
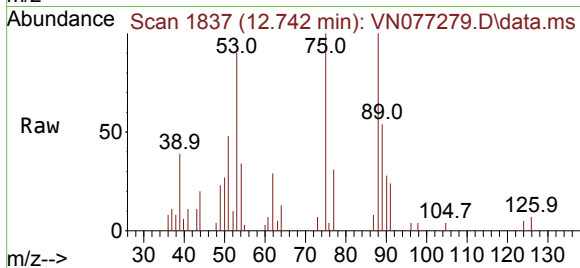




#77
t-1,4-Dichloro-2-butene
Concen: 2.131 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

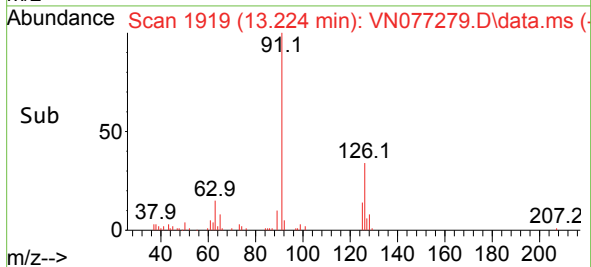
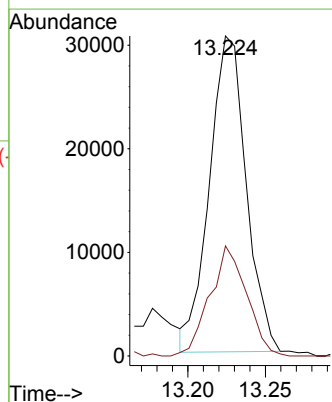
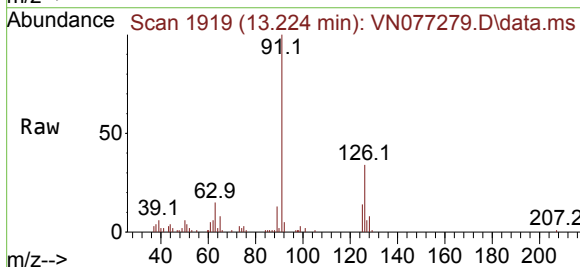
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

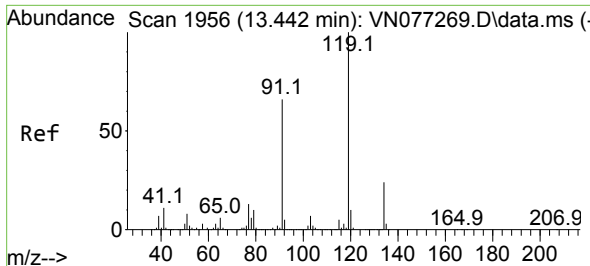
Tgt Ion:	75	Resp:	8153
Ion	Ratio	Lower	Upper
75	100		
53	90.1	38.8	116.4
89	54.3	23.2	69.6



#78
4-Chlorotoluene
Concen: 2.225 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:	91	Resp:	50296
Ion	Ratio	Lower	Upper
91	100		
126	34.8	0.0	67.4

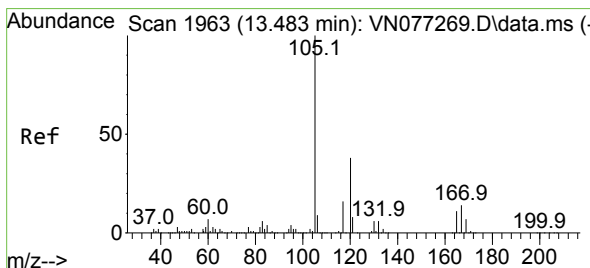
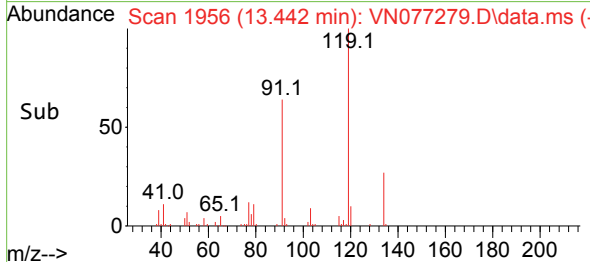
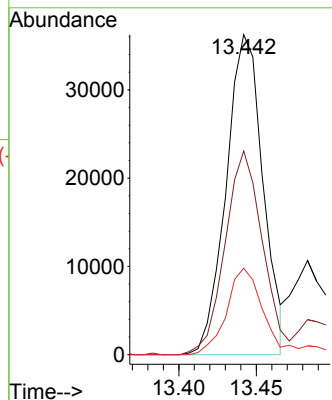
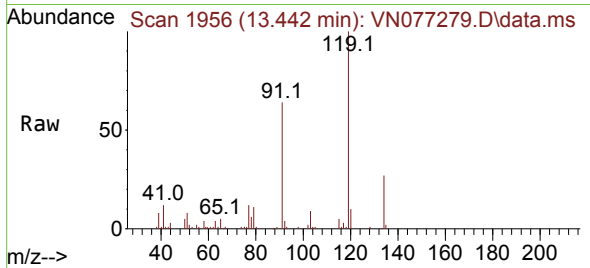




#79
tert-butylbenzene
Concen: 2.344 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

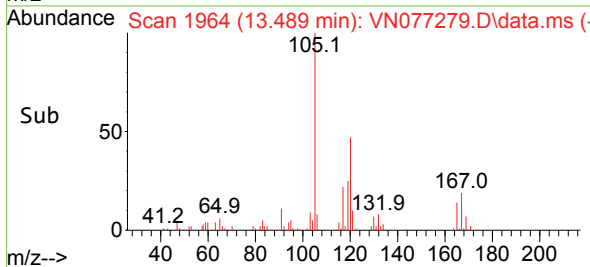
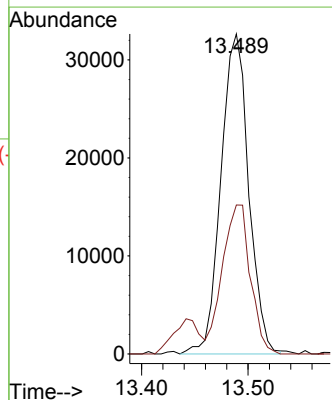
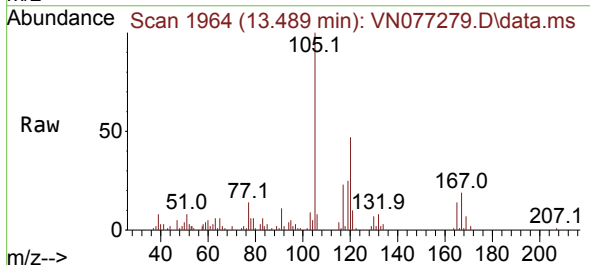
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

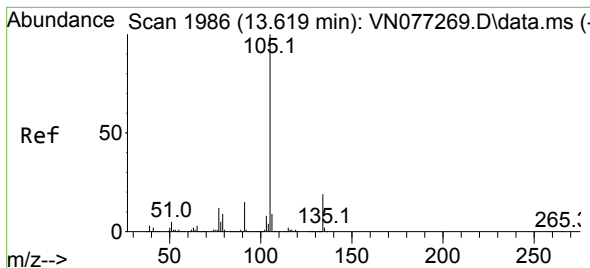
Tgt Ion:119 Resp: 59907
Ion Ratio Lower Upper
119 100
91 64.8 0.0 131.0
134 25.6 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 2.064 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:105 Resp: 59085
Ion Ratio Lower Upper
105 100
120 46.9 0.0 91.0





#81

sec-Butylbenzene

Concen: 2.237 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

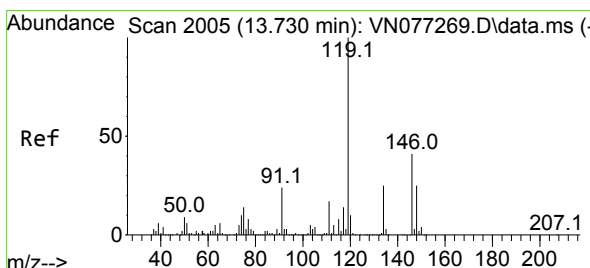
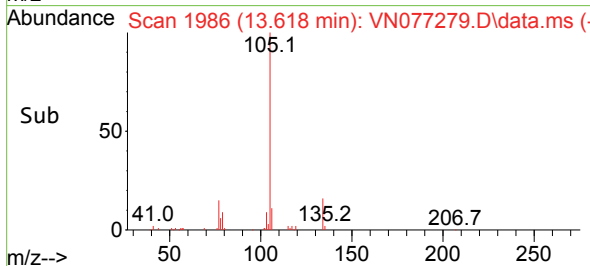
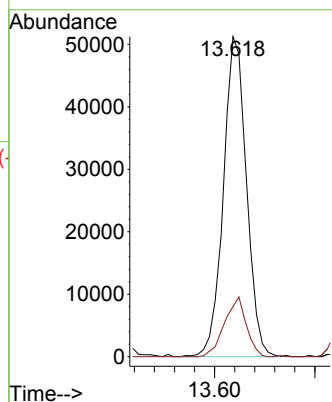
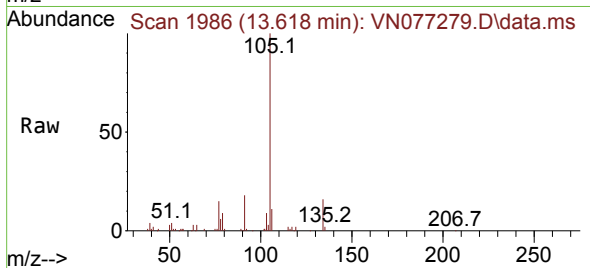
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 81661

Ion Ratio Lower Upper

105 100

134 17.6 0.0 38.6



#82

p-Isopropyltoluene

Concen: 2.086 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

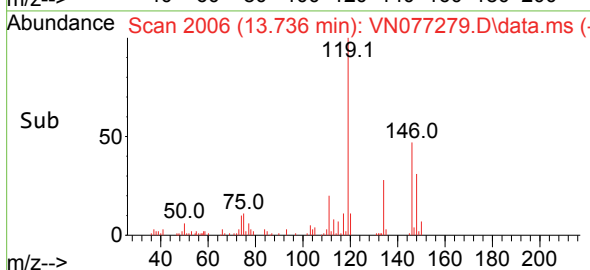
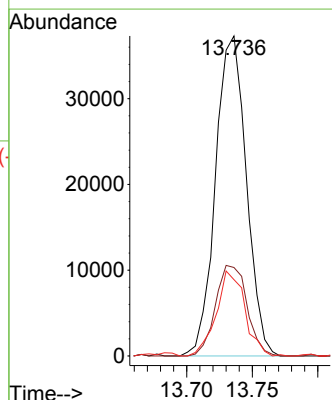
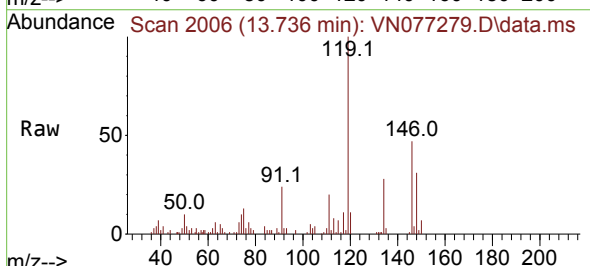
Tgt Ion:119 Resp: 61016

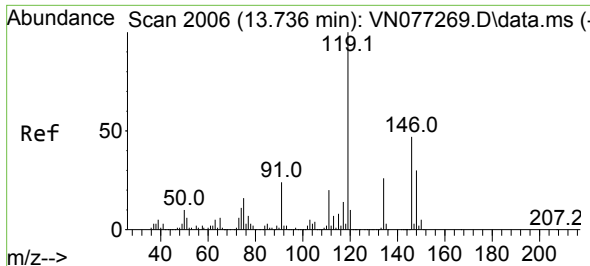
Ion Ratio Lower Upper

119 100

134 28.8 0.0 51.0

91 24.5 0.0 48.0

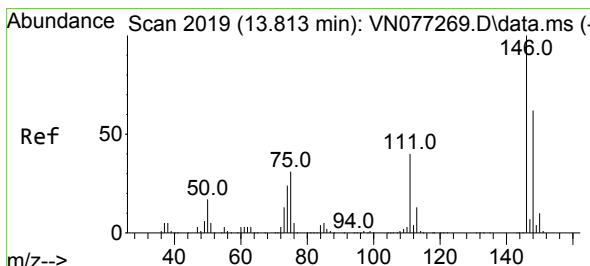
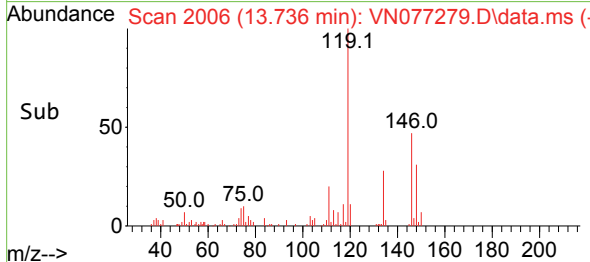
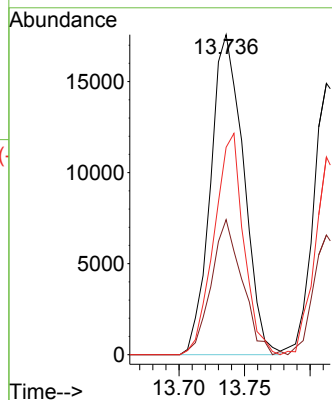
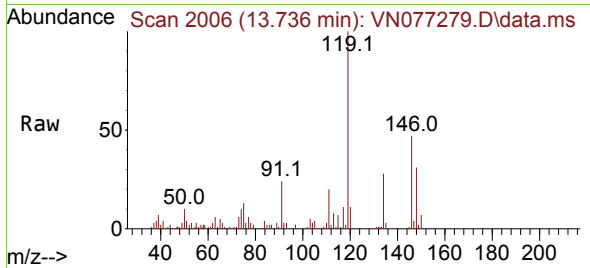




#83
1,3-Dichlorobenzene
Concen: 2.218 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

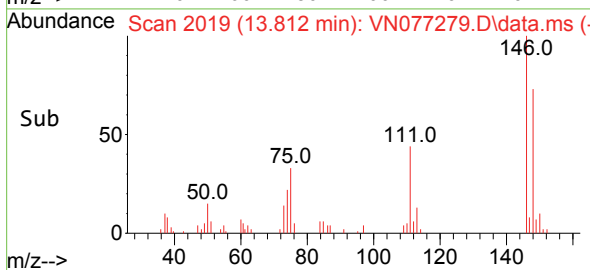
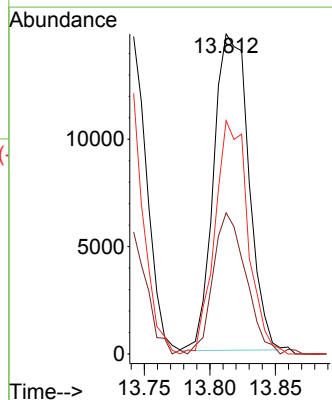
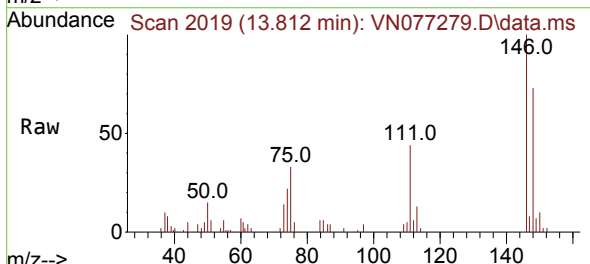
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

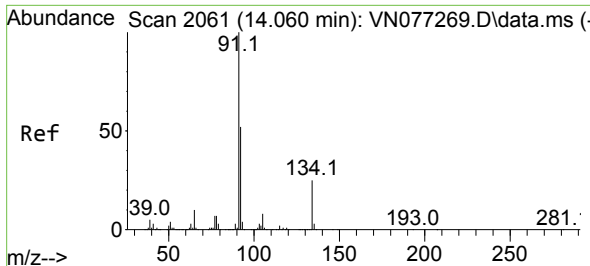
Tgt Ion:146 Resp: 30832
Ion Ratio Lower Upper
146 100
111 39.5 21.4 64.2
148 62.0 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 2.029 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:146 Resp: 27370
Ion Ratio Lower Upper
146 100
111 41.8 20.3 61.0
148 69.3 31.6 94.7

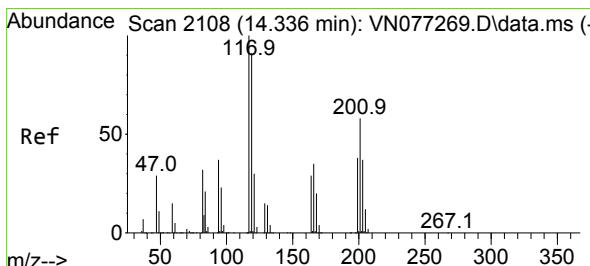
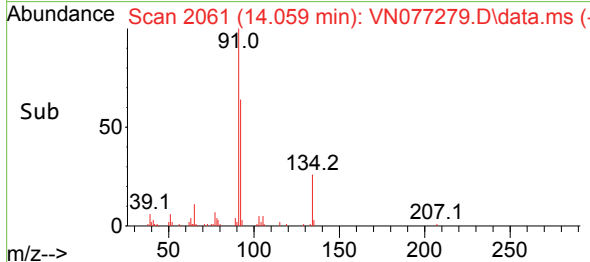
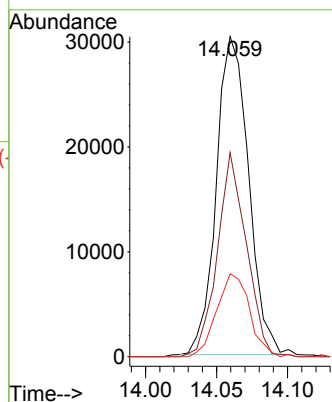
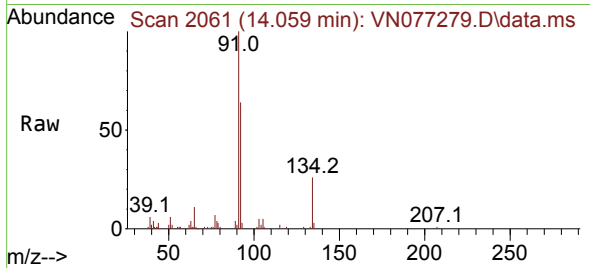




#85
n-Butylbenzene
Concen: 1.980 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

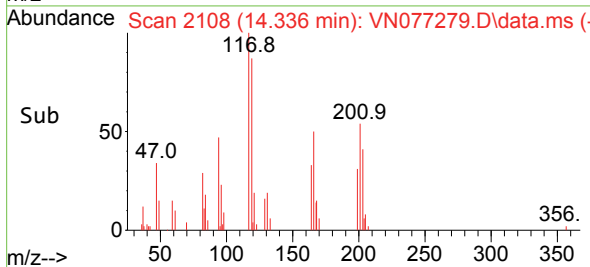
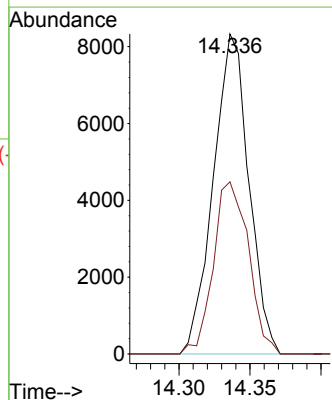
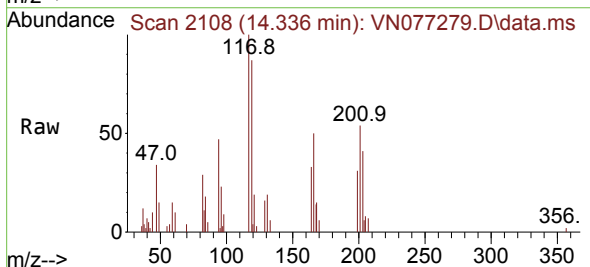
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

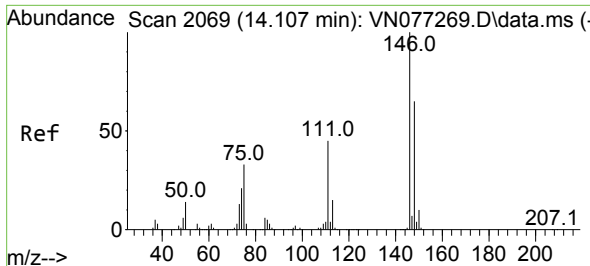
Tgt Ion: 91 Resp: 47853
Ion Ratio Lower Upper
91 100
92 57.6 0.0 105.6
134 26.4 0.0 49.4



#86
Hexachloroethane
Concen: 2.328 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 117 Resp: 14485
Ion Ratio Lower Upper
117 100
201 53.2 29.1 87.4

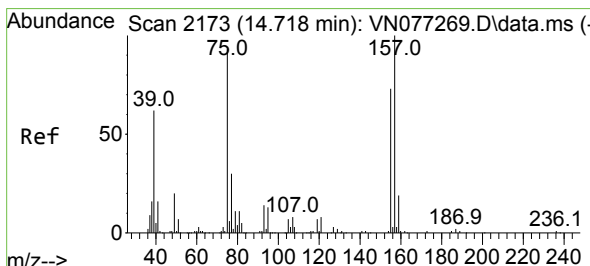
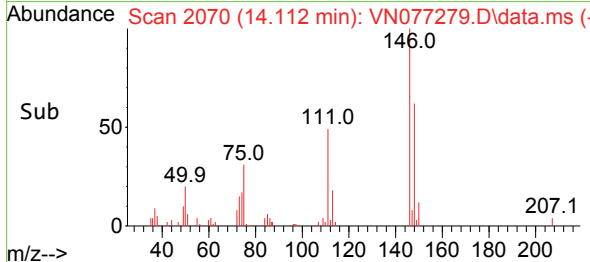
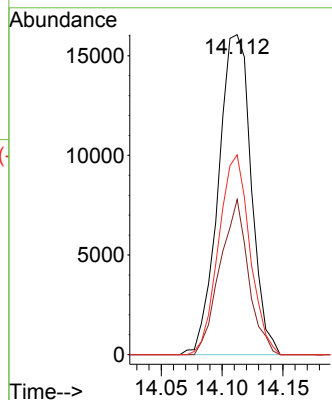
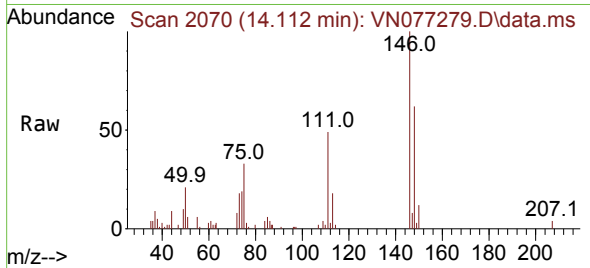




#87
1,2-Dichlorobenzene
Concen: 2.214 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

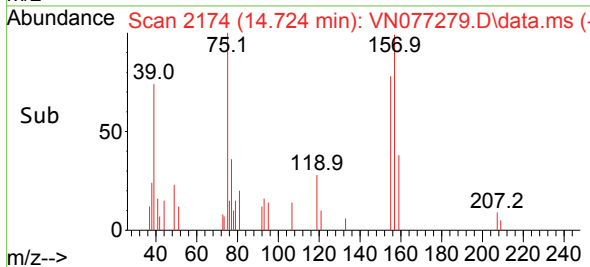
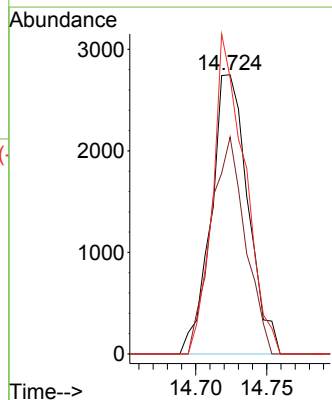
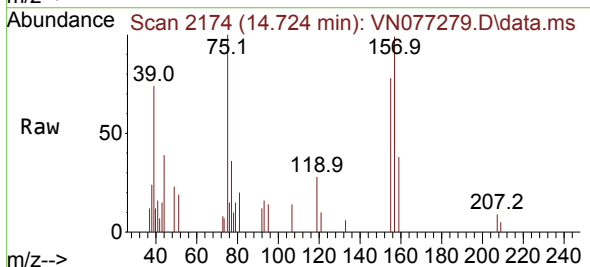
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

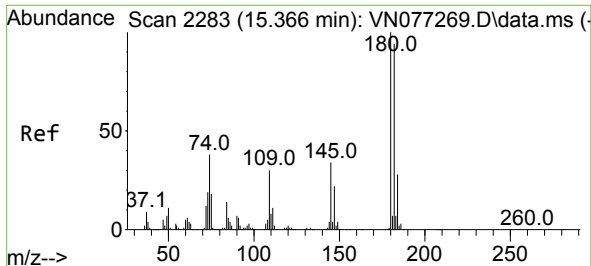
Tgt Ion:146	Resp:	30162
Ion Ratio	Lower	Upper
146	100	
111	42.1	22.1 66.5
148	59.2	31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.343 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 75	Resp:	4961
Ion Ratio	Lower	Upper
75	100	
155	73.0	67.8 101.6
157	99.8	86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 1.570 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077279.D

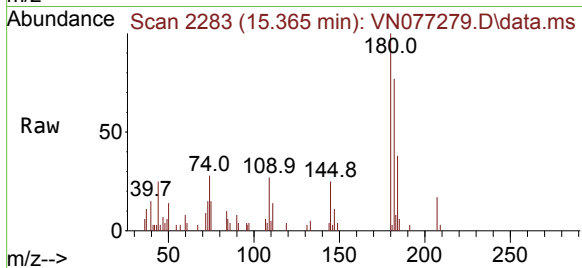
Acq: 07 Apr 2023 16:20

Instrument :

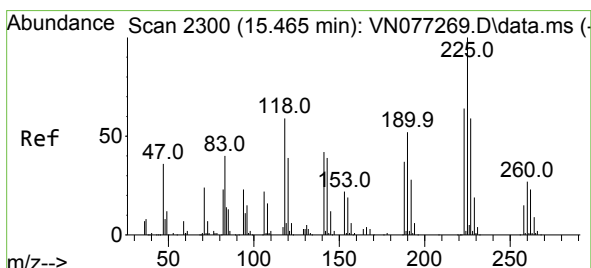
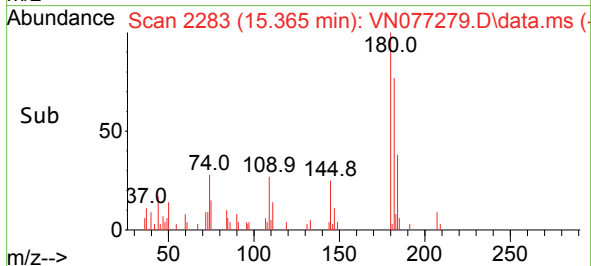
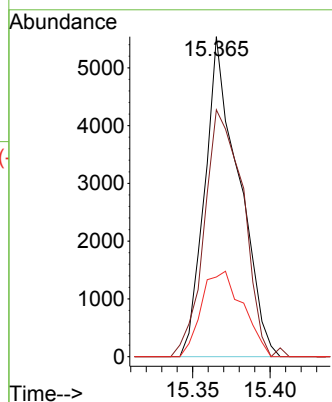
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:	180	Resp:	8414
Ion Ratio	Lower	Upper	
180	100		
182	87.9	75.6	113.4
145	32.6	26.7	40.1



#90

Hexachlorobutadiene

Concen: 2.570 ug/l

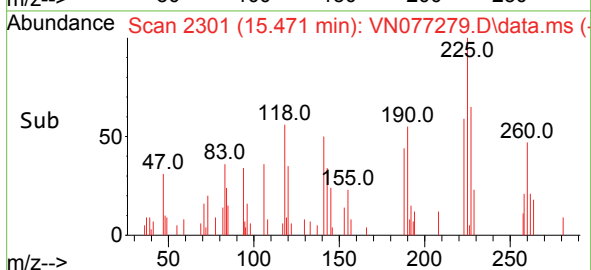
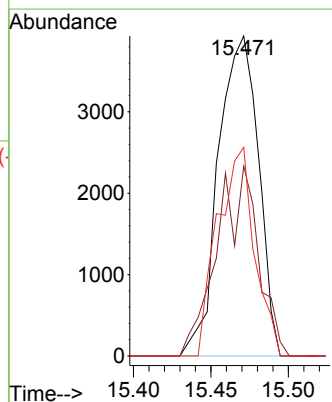
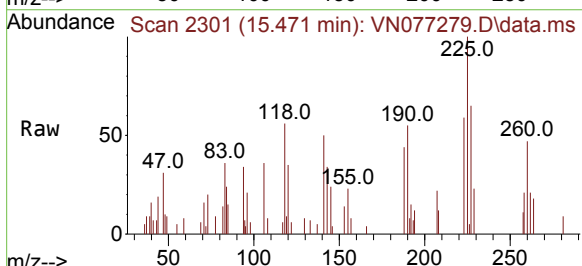
RT: 15.471 min Scan# 2301

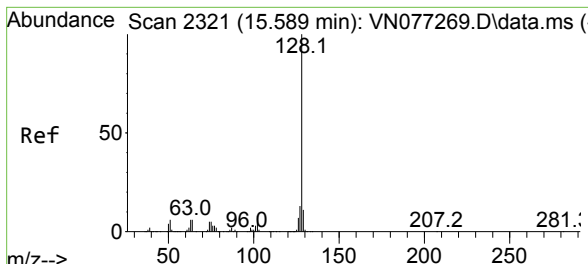
Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Tgt Ion:	225	Resp:	7061
Ion Ratio	Lower	Upper	
225	100		
223	29.4	0.0	126.0
227	60.0	0.0	127.2

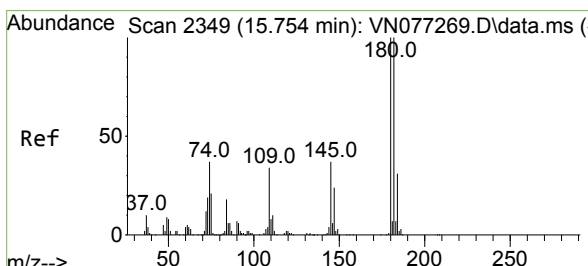
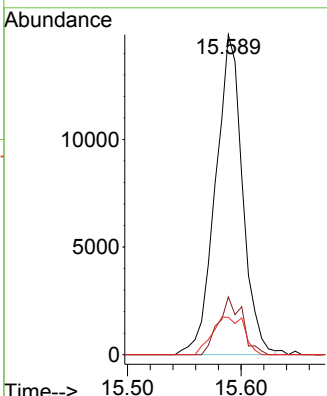
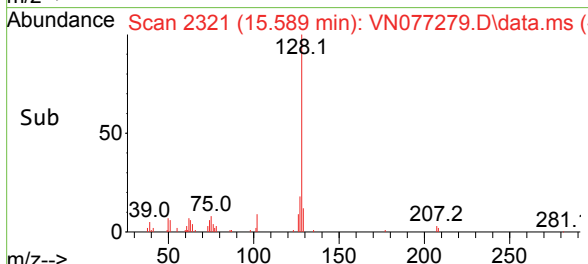
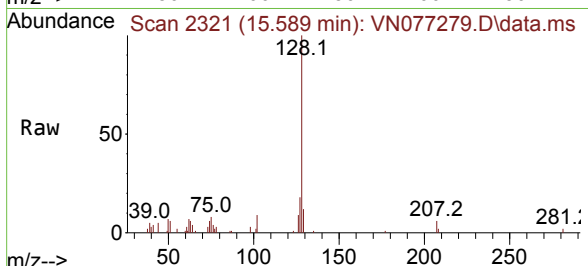




#91
 Naphthalene
 Concen: 1.198 ug/l
 RT: 15.589 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Tgt Ion:	128	Resp:	24529
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.2	15.2
129	10.4	8.9	13.3



#92
 1,2,3-Trichlorobenzene
 Concen: 1.485 ug/l
 RT: 15.753 min Scan# 2349
 Delta R.T. -0.000 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

Tgt Ion:	180	Resp:	7765
Ion	Ratio	Lower	Upper
180	100		
182	104.1	0.0	190.4
145	27.0	0.0	72.4

