

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078478.D
 Acq On : 12 Jul 2023 13:29
 Operator : JC\MD
 Sample : 03572-09 .2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Jul 13 04:31:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 13 04:30:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	415954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	755327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	632399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	180114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	322493	57.833	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.660%	
35) Dibromofluoromethane	8.177	113	273272	53.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.600%	
50) Toluene-d8	10.570	98	973041	50.235	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.480%	
62) 4-Bromofluorobenzene	12.859	95	266024	44.588	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	1612	0.316	ug/l #	63
3) Chloromethane	2.377	50	2728	0.492	ug/l	90
4) Vinyl Chloride	2.524	62	2212	0.308	ug/l #	42
5) Bromomethane	2.965	94	3914	0.764	ug/l	98
6) Chloroethane	3.147	64	4631	0.956	ug/l #	47
7) Trichlorofluoromethane	3.512	101	2261	0.264	ug/l #	80
8) Diethyl Ether	3.965	74	421	0.147	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.377	101	1077	0.237	ug/l #	44
10) Methyl Iodide	4.594	142	1489	0.239	ug/l #	57
11) Tert butyl alcohol	5.535	59	288	0.335	ug/l #	72
12) 1,1-Dichloroethene	4.347	96	443	0.101	ug/l #	52
13) Acrolein	4.200	56	1065	1.259	ug/l	87
14) Allyl chloride	5.047	41	543	0.091	ug/l #	32
15) Acrylonitrile	5.747	53	2400	1.105	ug/l	97
16) Acetone	4.459	43	1414	0.814	ug/l #	87
17) Carbon Disulfide	4.724	76	4982	0.393	ug/l #	78
18) Methyl Acetate	5.036	43	1223	0.166	ug/l #	67
19) Methyl tert-butyl Ether	5.806	73	2185	0.151	ug/l	97
20) Methylene Chloride	5.288	84	2846	0.508	ug/l #	87
21) trans-1,2-Dichloroethene	5.794	96	1024	0.207	ug/l #	78
22) Diisopropyl ether	6.694	45	2459	0.183	ug/l #	76
23) Vinyl Acetate	6.624	43	8591	1.006	ug/l #	83
24) 1,1-Dichloroethane	6.582	63	1140	0.126	ug/l #	81
25) 2-Butanone	7.506	43	2925	1.070	ug/l	97
26) 2,2-Dichloropropane	7.494	77	327	0.044	ug/l #	1
27) cis-1,2-Dichloroethene	7.506	96	1408	0.246	ug/l	96
28) Bromochloromethane	7.818	49	894	0.210	ug/l #	75
29) Tetrahydrofuran	7.859	42	2035	1.134	ug/l #	63
30) Chloroform	7.982	83	2771	0.294	ug/l #	64
31) Cyclohexane	8.235	56	10173	1.350	ug/l #	56
32) 1,1,1-Trichloroethane	8.188	97	1127	0.133	ug/l #	24
36) 1,1-Dichloropropene	8.371	75	1818	0.246	ug/l #	78
37) Ethyl Acetate	7.582	43	1092	0.177	ug/l #	63
38) Carbon Tetrachloride	8.376	117	1928	0.240	ug/l #	90
39) Methylcyclohexane	9.606	83	1510	0.223	ug/l #	71
40) Benzene	8.606	78	4764	0.217	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	513	0.163	ug/l #	76
42) 1,2-Dichloroethane	8.682	62	2267	0.304	ug/l	82
43) Isopropyl Acetate	8.706	43	1996	0.196	ug/l #	74
44) Trichloroethene	9.365	130	1775	0.300	ug/l	79
45) 1,2-Dichloropropane	9.635	63	1225	0.221	ug/l	94
46) Dibromomethane	9.712	93	1293	0.331	ug/l #	71
47) Bromodichloromethane	9.900	83	1573	0.201	ug/l #	87
48) Methyl methacrylate	9.688	41	963	0.205	ug/l #	81
49) 1,4-Dioxane	9.712	88	299	2.913	ug/l #	62
51) 4-Methyl-2-Pentanone	10.453	43	6948	1.150	ug/l	93
52) Toluene	10.629	92	4192	0.308	ug/l #	64
53) t-1,3-Dichloropropene	10.835	75	1913	0.238	ug/l #	87
54) cis-1,3-Dichloropropene	10.312	75	1667	0.195	ug/l #	67
55) 1,1,2-Trichloroethane	11.018	97	1334	0.249	ug/l #	82
56) Ethyl methacrylate	10.888	69	1570	0.210	ug/l #	60
57) 1,3-Dichloropropane	11.170	76	2316	0.254	ug/l #	72
58) 2-Chloroethyl Vinyl ether	10.170	63	2073	0.777	ug/l	91
59) 2-Hexanone	11.200	43	5177	1.205	ug/l	90
60) Dibromochloromethane	11.370	129	1246	0.211	ug/l	93
61) 1,2-Dibromoethane	11.482	107	1258	0.228	ug/l	91
64) Tetrachloroethene	11.100	164	1398	0.294	ug/l #	37
65) Chlorobenzene	11.900	112	4240	0.300	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.970	131	1480	0.272	ug/l #	60
67) Ethyl Benzene	11.964	91	5831	0.244	ug/l #	80
68) m/p-Xylenes	12.082	106	4048	0.458	ug/l	99
69) o-Xylene	12.406	106	1862	0.209	ug/l	85
70) Styrene	12.412	104	1239	0.089	ug/l #	1
71) Bromoform	12.582	173	684	0.186	ug/l #	28
73) Isopropylbenzene	12.700	105	4017	0.237	ug/l	91
74) N-amyl acetate	12.500	43	2039	0.350	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.953	83	1941	0.340	ug/l #	27
76) 1,2,3-Trichloropropane	12.853	75	139580	32.061	ug/l #	1
77) Bromobenzene	12.994	156	1508	0.363	ug/l	89
78) n-propylbenzene	13.035	91	5019	0.277	ug/l	95
79) 2-Chlorotoluene	13.123	91	3167	0.267	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	3879	0.290	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.853	75	139580	84.250	ug/l #	15
82) 4-Chlorotoluene	13.223	91	3186	0.288	ug/l	97
83) tert-Butylbenzene	13.435	119	2547	0.224	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.488	105	3465	0.267	ug/l	97
85) sec-Butylbenzene	13.623	105	3676	0.256	ug/l #	75
86) p-Isopropyltoluene	13.741	119	2488	0.216	ug/l	89
87) 1,3-Dichlorobenzene	13.741	146	1973	0.304	ug/l	87
88) 1,4-Dichlorobenzene	13.741	146	1973	0.301	ug/l	88
89) n-Butylbenzene	14.058	91	2365	0.287	ug/l	84
90) Hexachloroethane	14.335	117	785	0.322	ug/l	70
91) 1,2-Dichlorobenzene	14.117	146	1686	0.261	ug/l #	68
92) 1,2-Dibromo-3-Chloropr...	14.729	75	657	0.697	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.400	180	744	0.361	ug/l #	82
94) Hexachlorobutadiene	15.505	225	764	0.566	ug/l	86
95) Naphthalene	15.647	128	4172	0.591	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.852	180	1201	0.506	ug/l #	70

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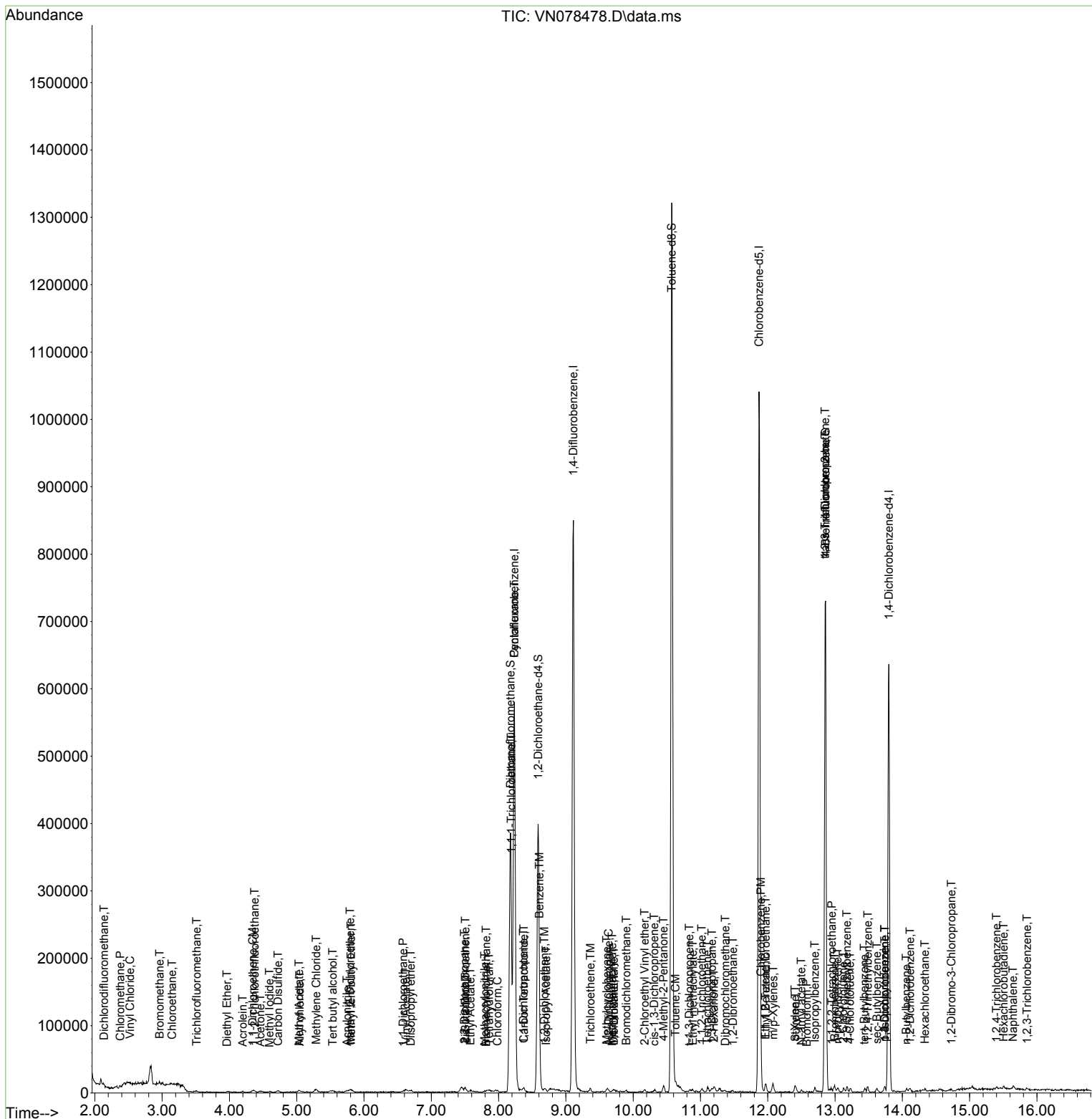
Instrument :
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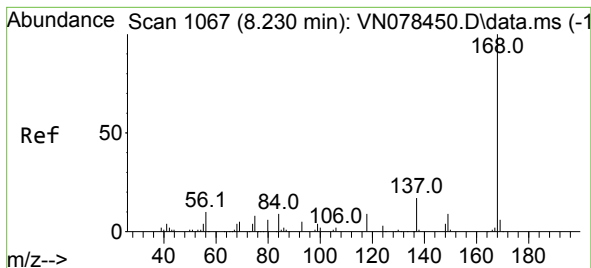
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

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ClientSampleId :

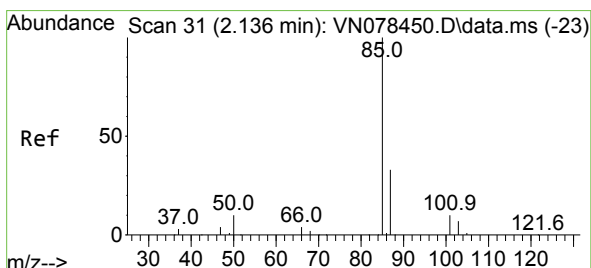
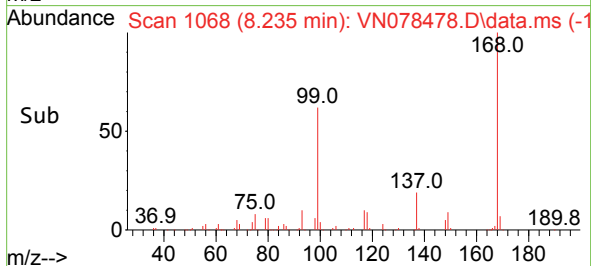
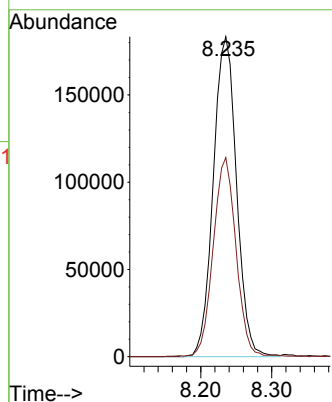
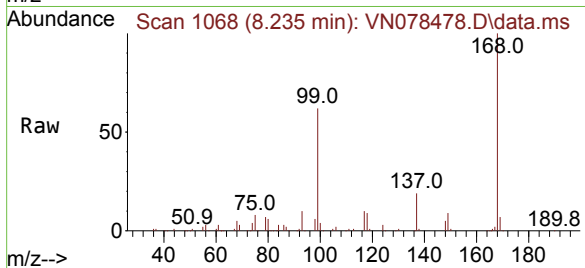
MDL-WATER-03-QT3-2023

Tgt Ion:168 Resp: 415954

Ion Ratio Lower Upper

168 100

99 61.9 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.316 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078478.D

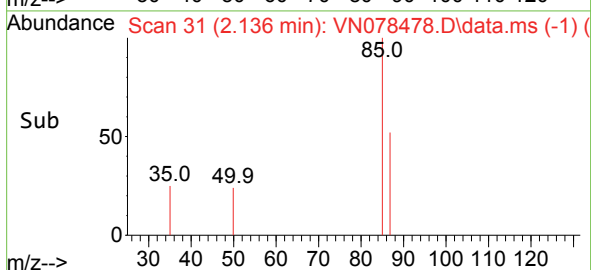
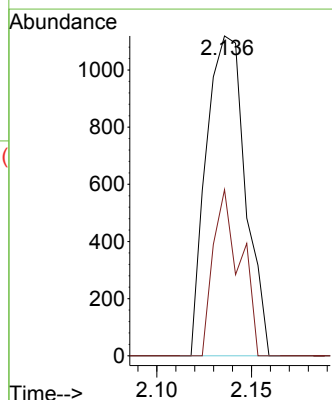
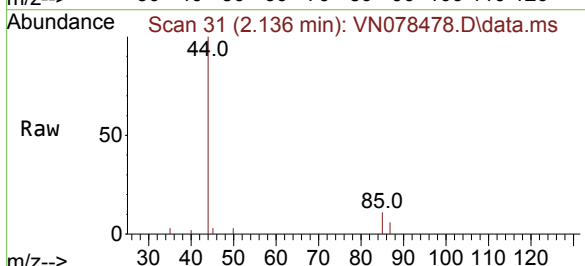
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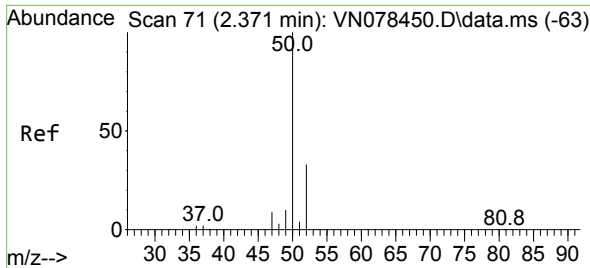
Tgt Ion: 85 Resp: 1612

Ion Ratio Lower Upper

85 100

87 51.9 15.8 47.4#

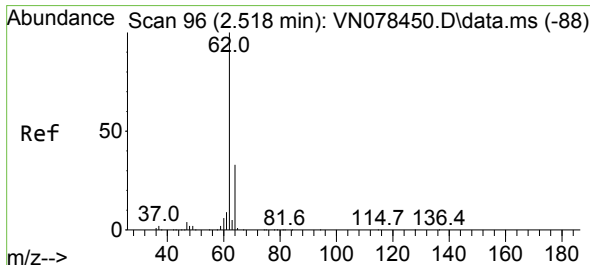
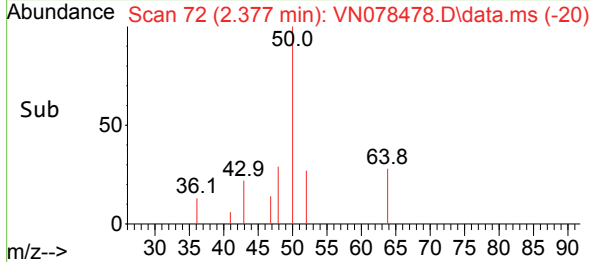
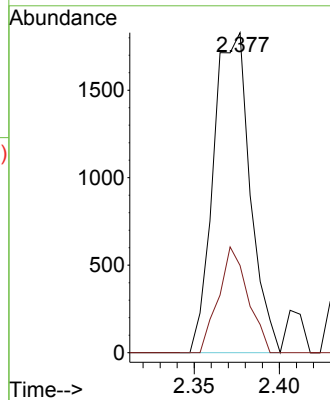
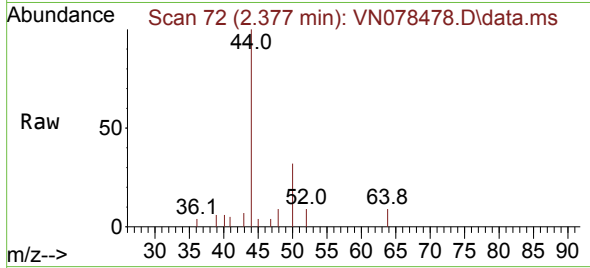




#3
Chloromethane
Concen: 0.492 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

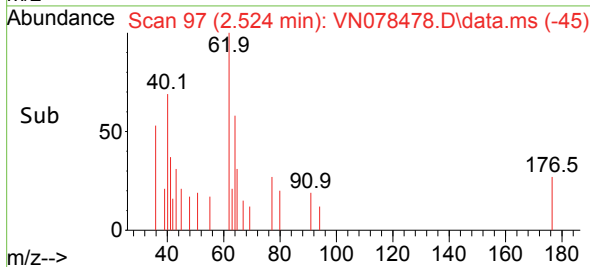
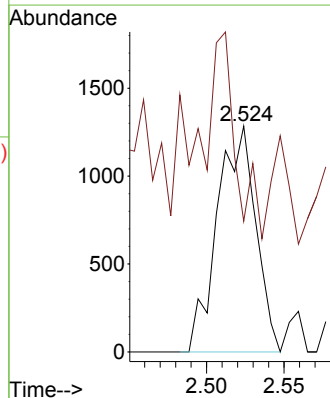
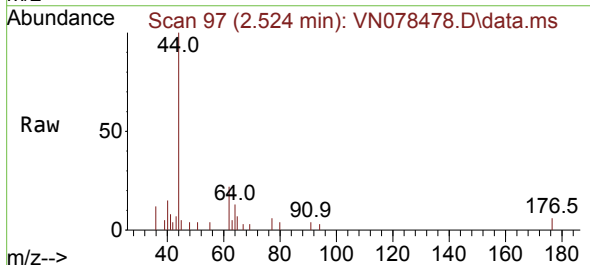
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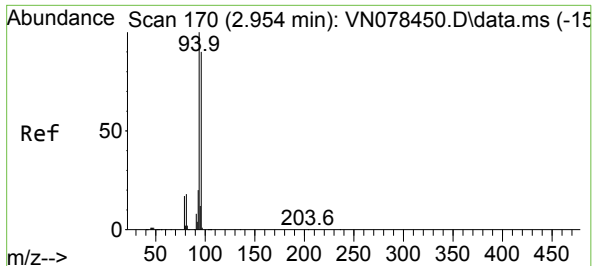
Tgt Ion: 50 Resp: 2728
Ion Ratio Lower Upper
50 100
52 27.2 26.5 39.7



#4
Vinyl Chloride
Concen: 0.308 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 62 Resp: 2212
Ion Ratio Lower Upper
62 100
64 0.0 26.2 39.2#

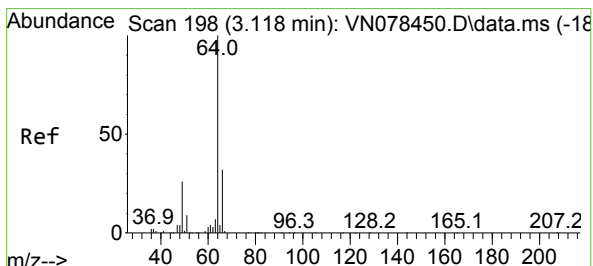
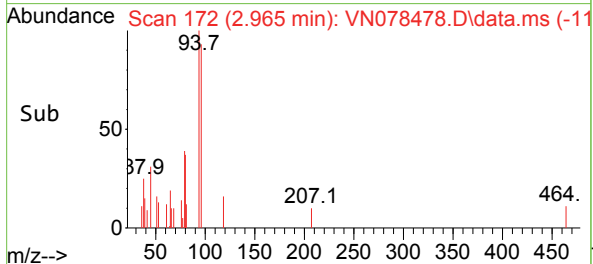
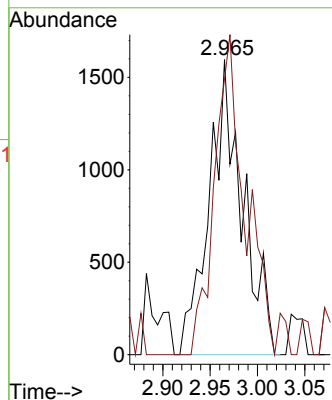
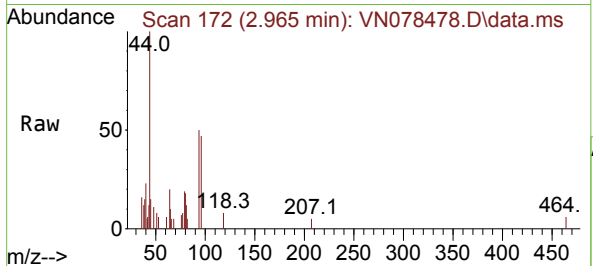




#5
Bromomethane
Concen: 0.764 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

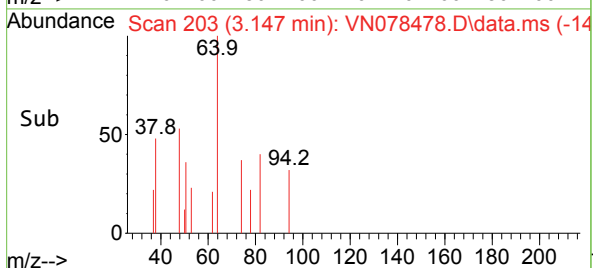
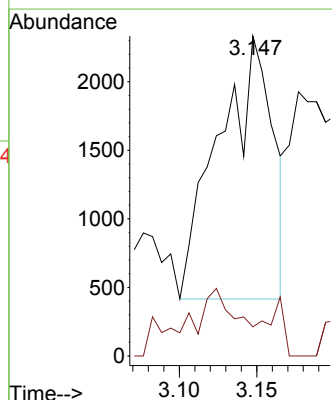
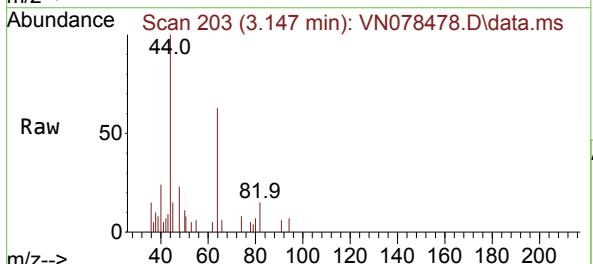
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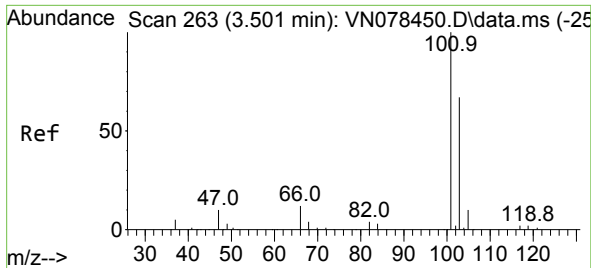
Tgt Ion: 94 Resp: 3914
Ion Ratio Lower Upper
94 100
96 93.4 73.1 109.7



#6
Chloroethane
Concen: 0.956 ug/l
RT: 3.147 min Scan# 203
Delta R.T. 0.029 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 64 Resp: 4631
Ion Ratio Lower Upper
64 100
66 2.2 25.4 38.2#

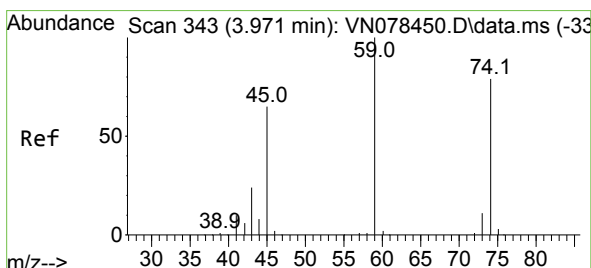
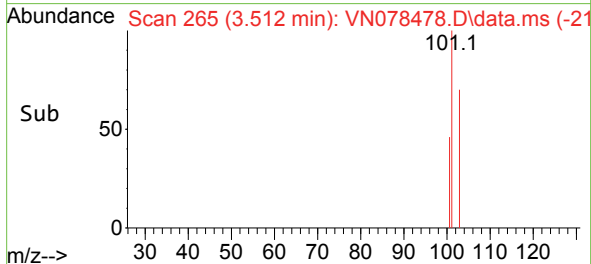
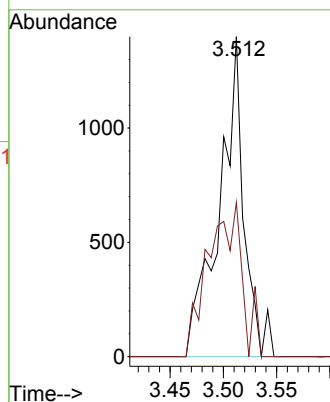
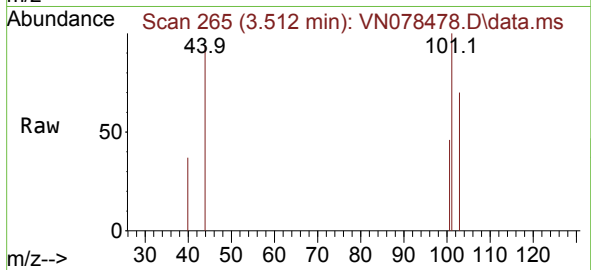




#7
 Trichlorofluoromethane
 Concen: 0.264 ug/l
 RT: 3.512 min Scan# 210
 Delta R.T. 0.011 min
 Lab File: VN078478.D
 Acq: 12 Jul 2023 13:29

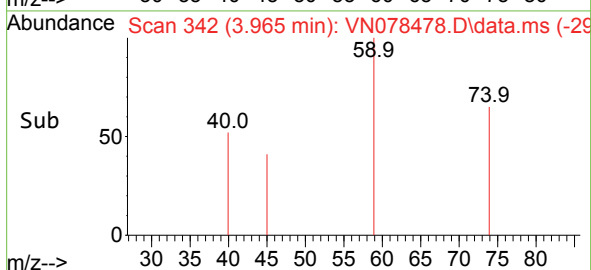
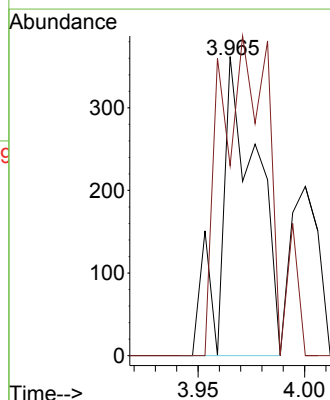
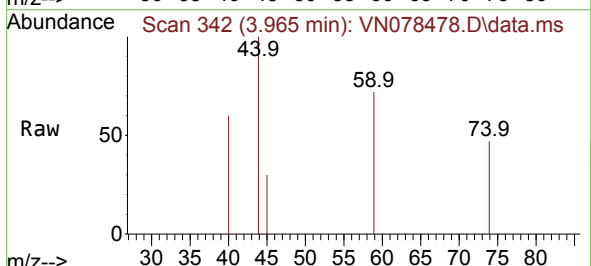
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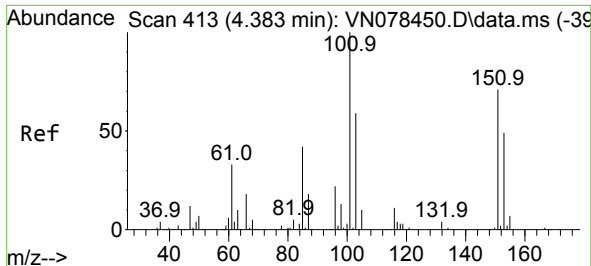
Tgt Ion:101 Resp: 2261
 Ion Ratio Lower Upper
 101 100
 103 48.2 50.7 76.1#



#8
 Diethyl Ether
 Concen: 0.147 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078478.D
 Acq: 12 Jul 2023 13:29

Tgt Ion: 74 Resp: 421
 Ion Ratio Lower Upper
 74 100
 45 150.8 34.4 103.3#

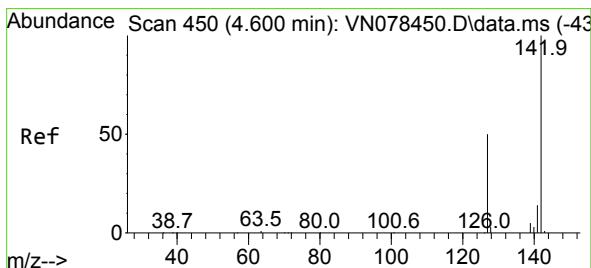
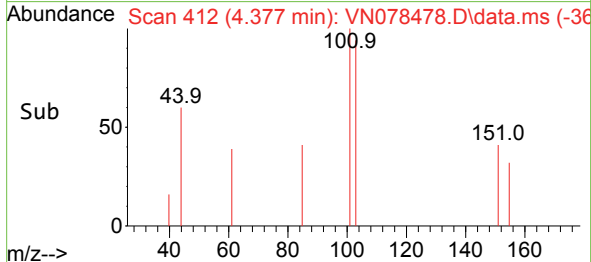
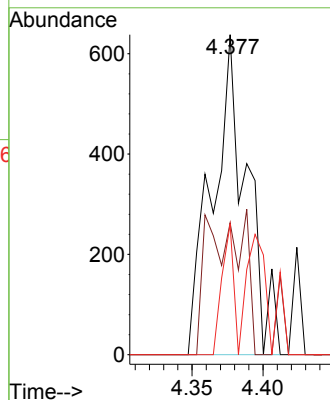
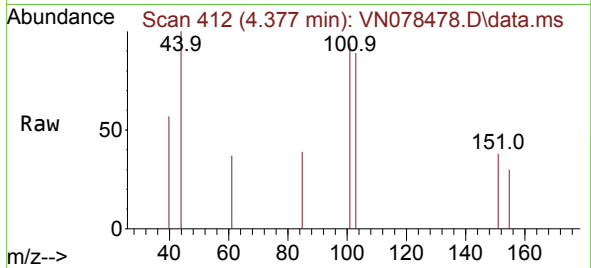




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.237 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

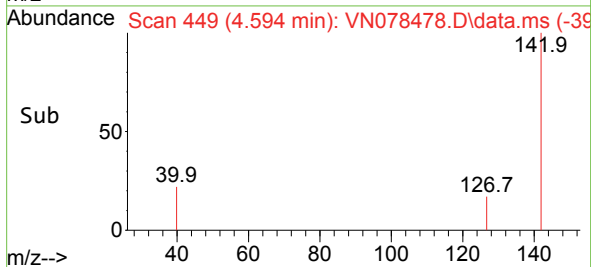
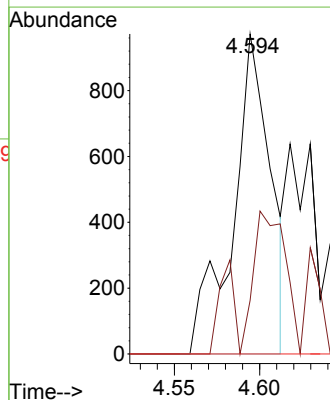
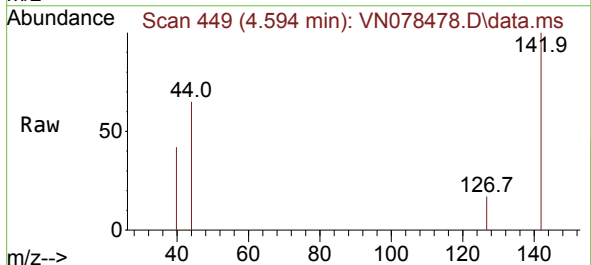
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

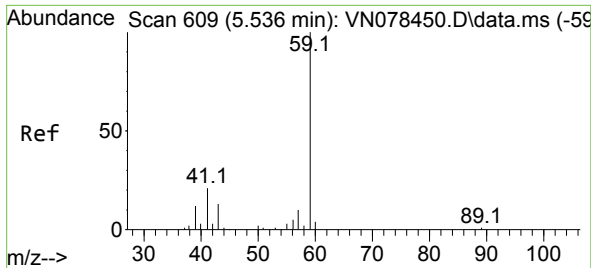
Tgt Ion:101 Resp: 1077
Ion Ratio Lower Upper
101 100
85 22.7 36.6 55.0#
151 13.6 57.6 86.4#



#10
Methyl Iodide
Concen: 0.239 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion:142 Resp: 1489
Ion Ratio Lower Upper
142 100
127 16.8 37.6 56.4#
141 0.0 11.4 17.0#

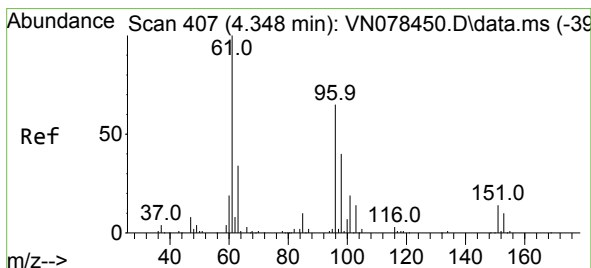
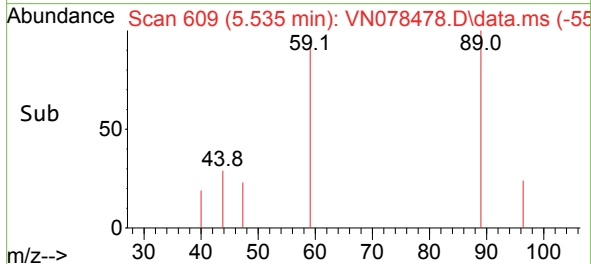
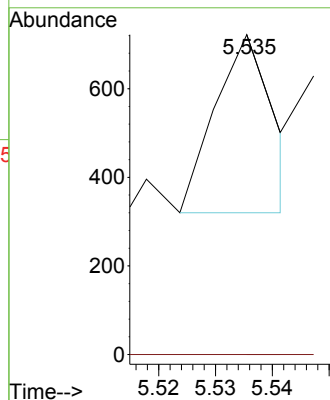
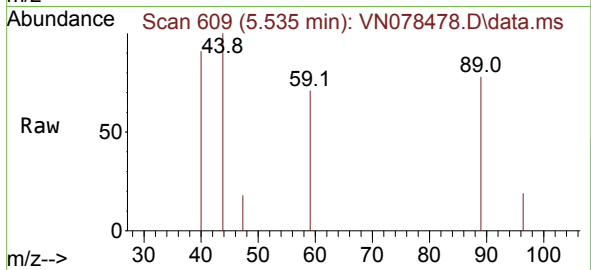




#11
Tert butyl alcohol
Concen: 0.335 ug/l
RT: 5.535 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

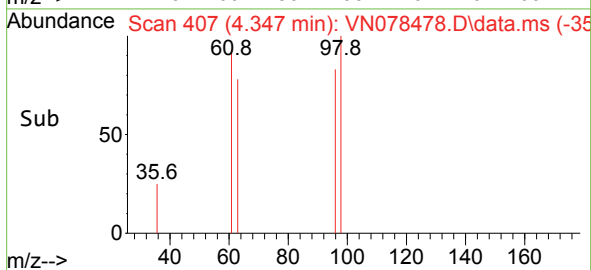
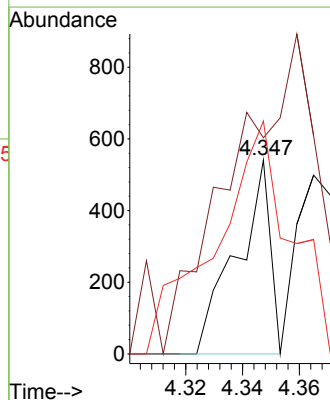
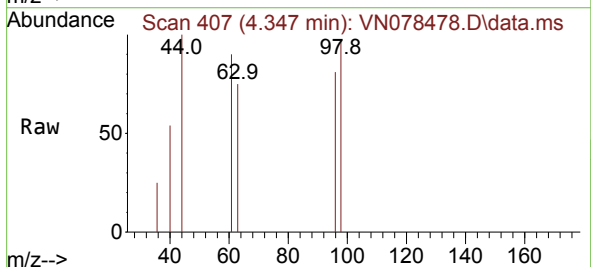
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

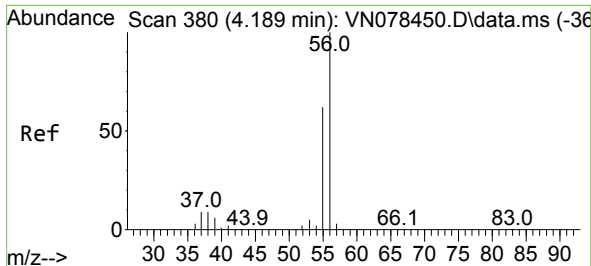
Tgt Ion: 59 Resp: 288
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.101 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 96 Resp: 443
Ion Ratio Lower Upper
96 100
61 68.6 112.7 169.1#
98 81.1 51.2 76.8#





#13

Acrolein

Concen: 1.259 ug/l

RT: 4.200 min Scan# 31

Delta R.T. 0.011 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

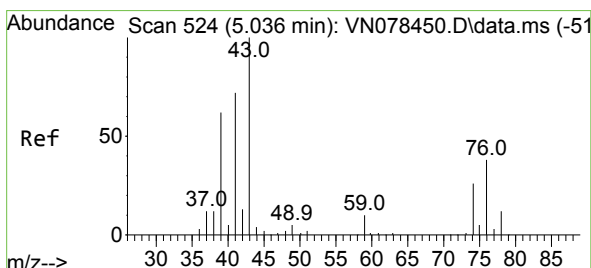
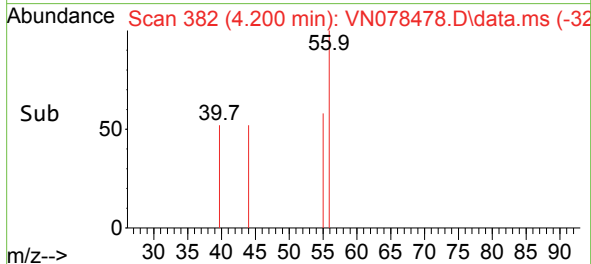
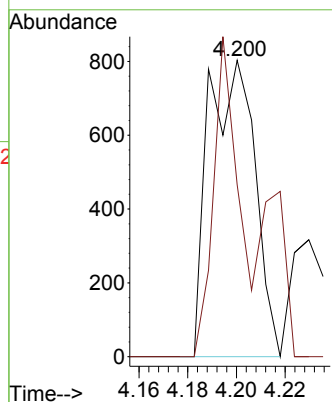
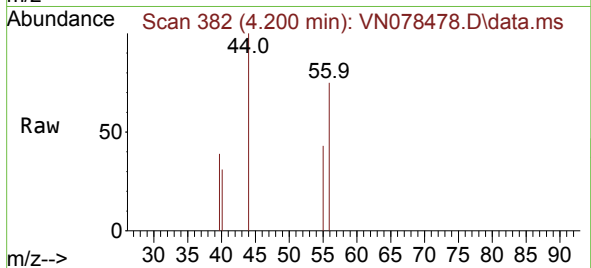
MDL-WATER-03-QT3-2023

Tgt Ion: 56 Resp: 1065

Ion Ratio Lower Upper

56 100

55 57.8 54.5 81.7



#14

Allyl chloride

Concen: 0.091 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.011 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

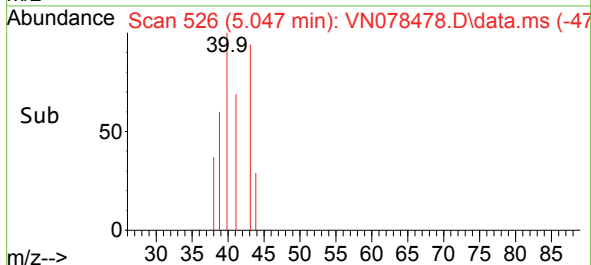
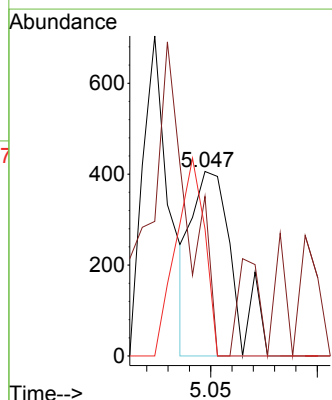
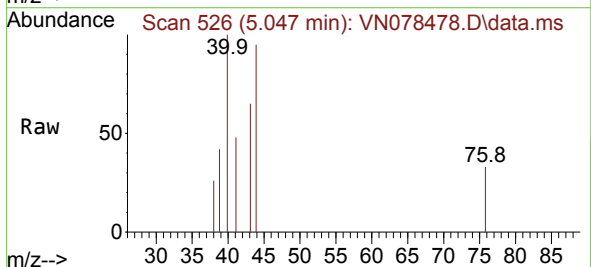
Tgt Ion: 41 Resp: 543

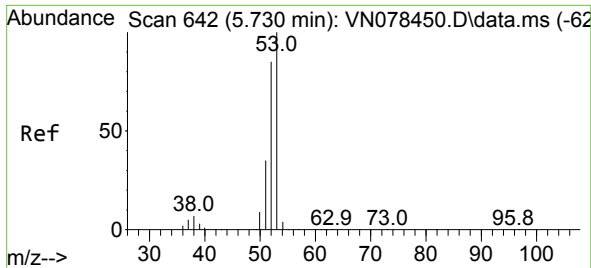
Ion Ratio Lower Upper

41 100

39 0.0 58.8 88.2#

76 75.5 39.1 58.7#

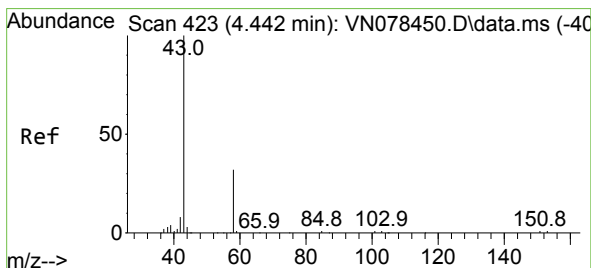
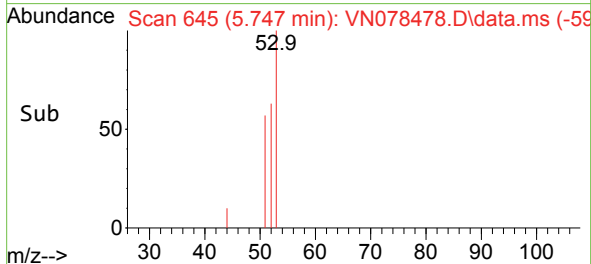
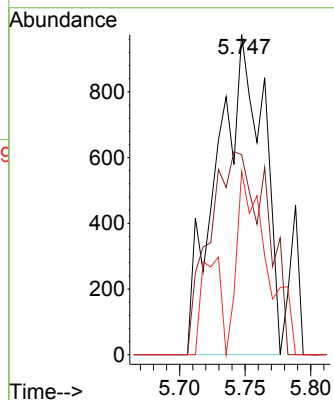
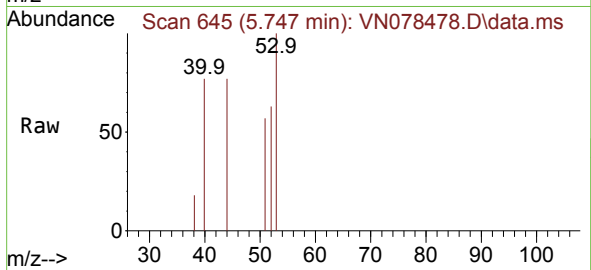




#15
Acrylonitrile
Concen: 1.105 ug/l
RT: 5.747 min Scan# 642
Delta R.T. 0.017 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

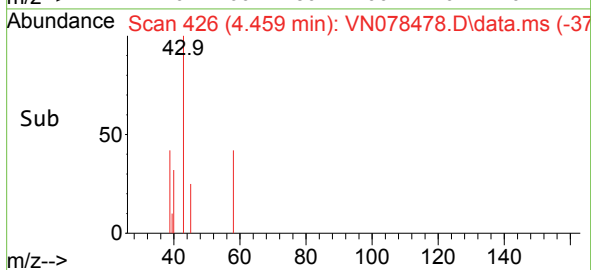
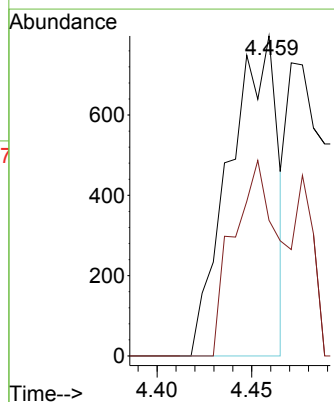
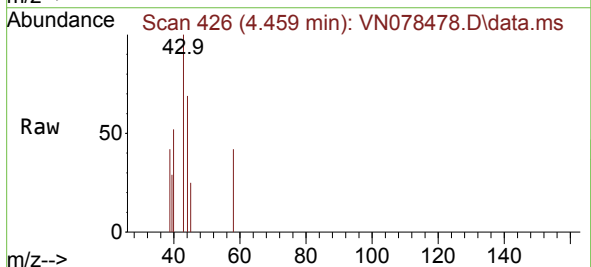
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

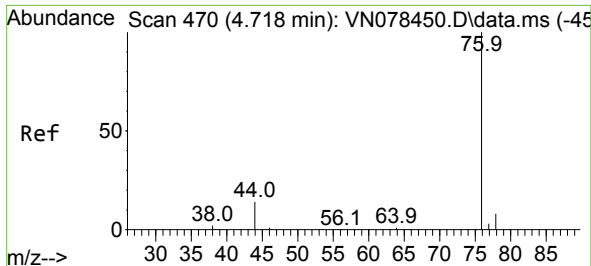
Tgt Ion: 53	Resp: 2400		
Ion Ratio	Lower	Upper	
53	100		
52	78.0	65.3	97.9
51	37.3	28.9	43.3



#16
Acetone
Concen: 0.814 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 43	Resp: 1414		
Ion Ratio	Lower	Upper	
43 100			
58 42.4	28.0	42.0#	

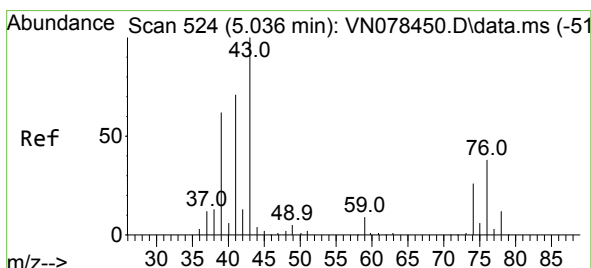
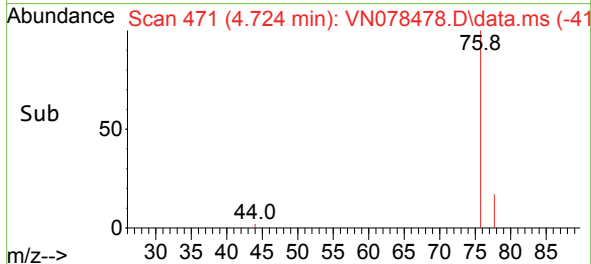
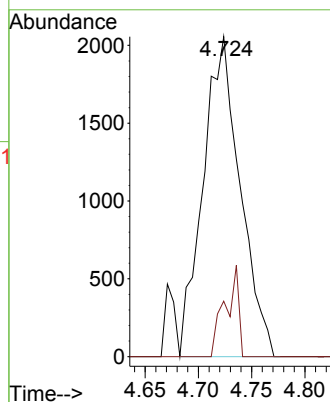
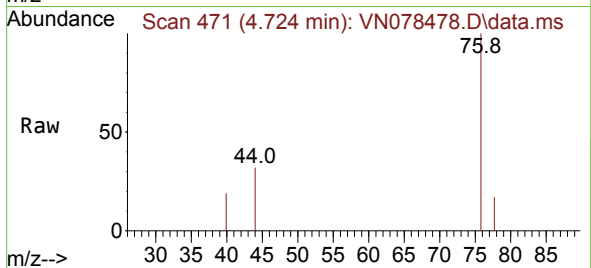




#17
Carbon Disulfide
Concen: 0.393 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

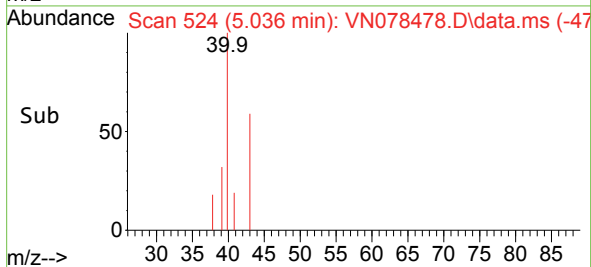
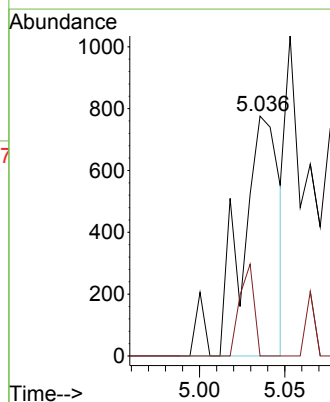
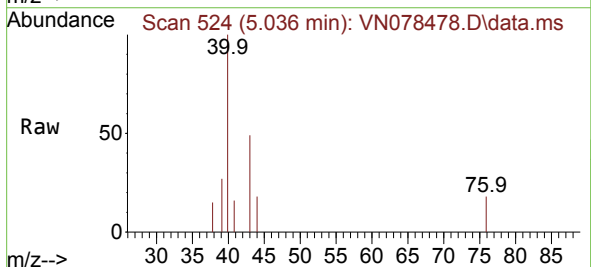
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

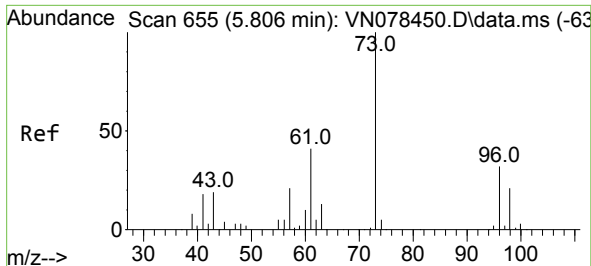
Tgt Ion: 76 Resp: 4982
Ion Ratio Lower Upper
76 100
78 17.4 7.4 11.0#



#18
Methyl Acetate
Concen: 0.166 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
74 14.2 26.2 39.4#

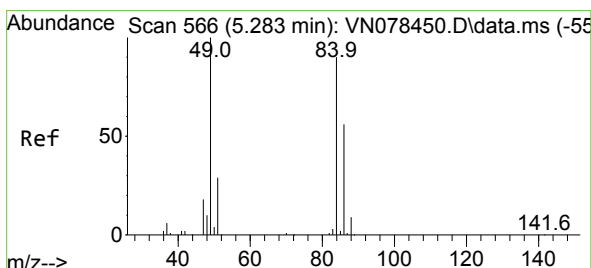
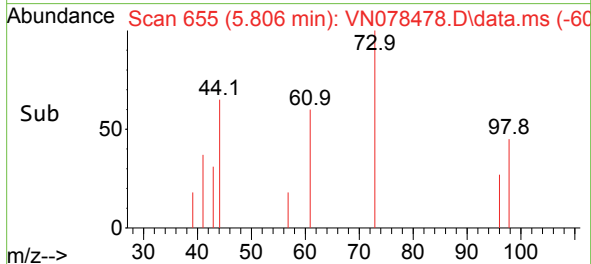
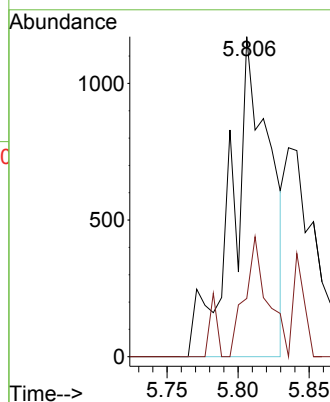
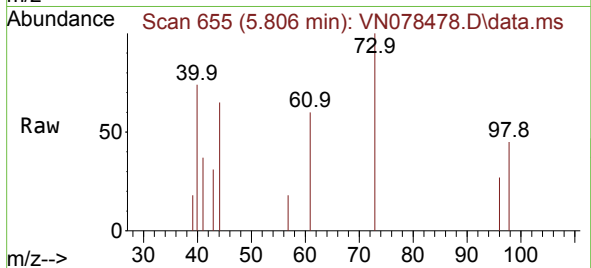




#19
Methyl tert-butyl Ether
Concen: 0.151 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

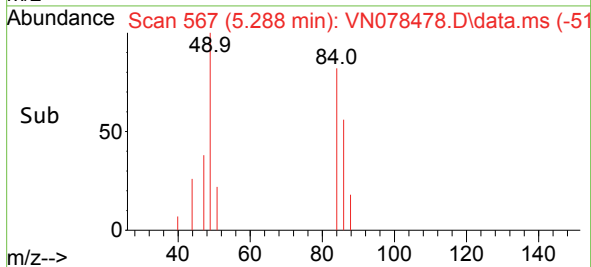
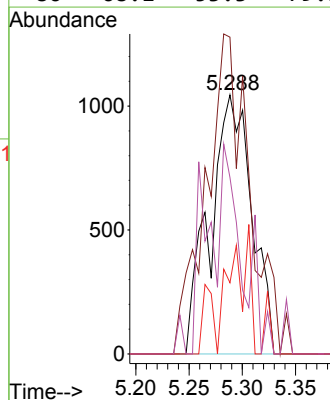
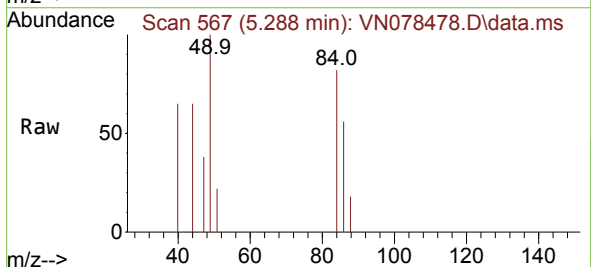
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

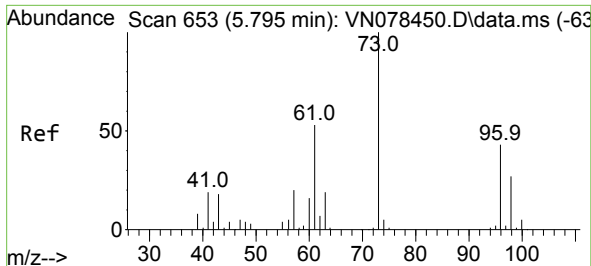
Tgt Ion: 73 Resp: 2185
Ion Ratio Lower Upper
73 100
57 18.2 15.6 23.4



#20
Methylene Chloride
Concen: 0.508 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 84 Resp: 2846
Ion Ratio Lower Upper
84 100
49 122.3 79.7 119.5#
51 27.5 25.2 37.8
86 68.1 53.3 79.9

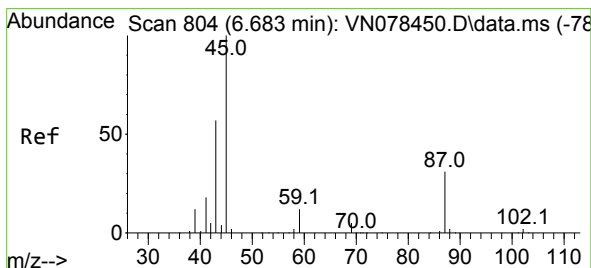
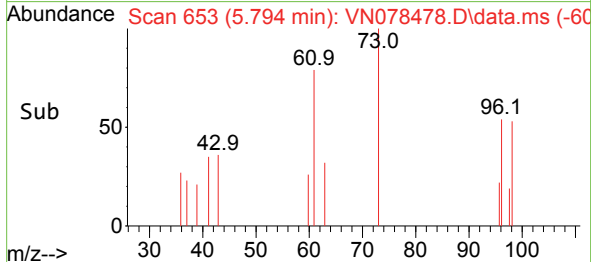
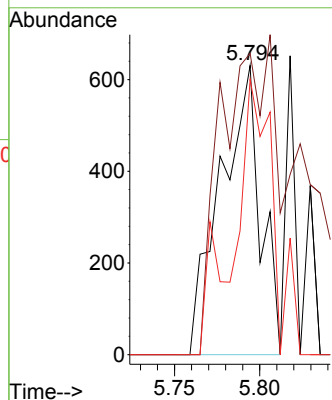
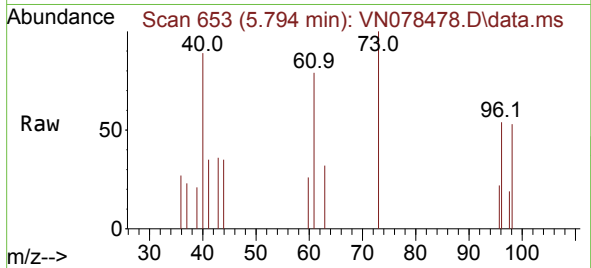




#21
trans-1,2-Dichloroethene
Concen: 0.207 ug/l
RT: 5.794 min Scan# 610
Delta R.T. -0.001 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

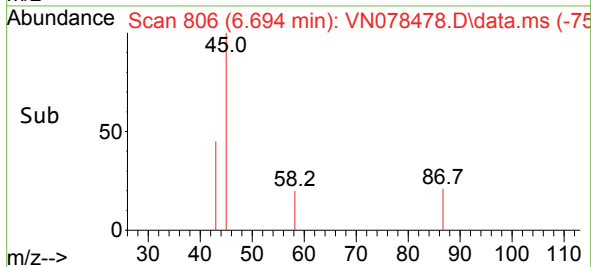
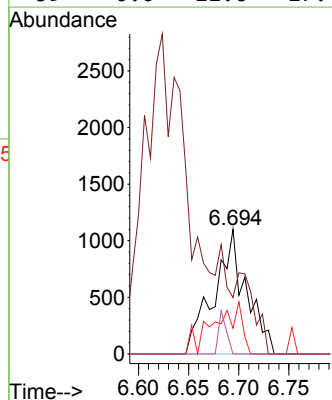
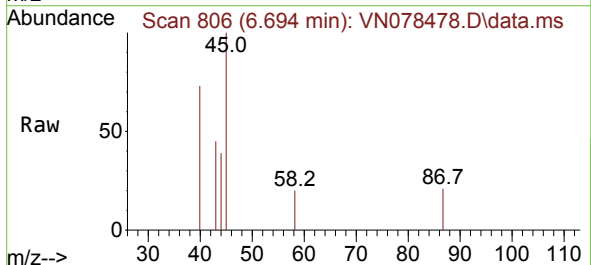
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

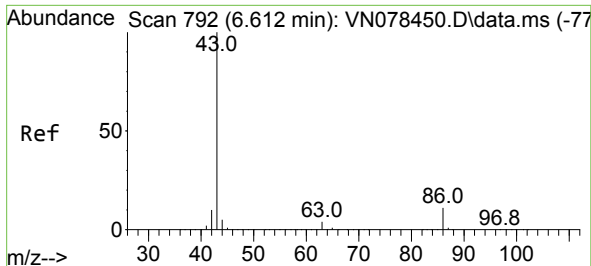
Tgt Ion: 96 Resp: 1024
Ion Ratio Lower Upper
96 100
61 104.1 90.1 135.1
98 95.2 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.183 ug/l
RT: 6.694 min Scan# 806
Delta R.T. 0.011 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 45 Resp: 2459
Ion Ratio Lower Upper
45 100
43 45.3 45.5 68.3#
87 20.6 31.8 47.8#
59 0.0 11.6 17.4#

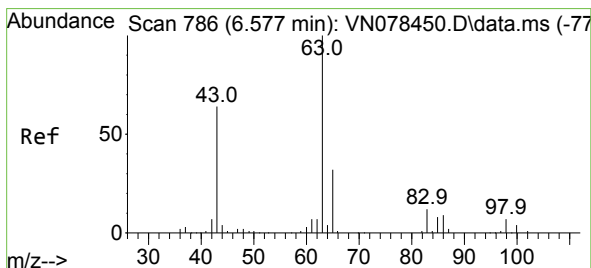
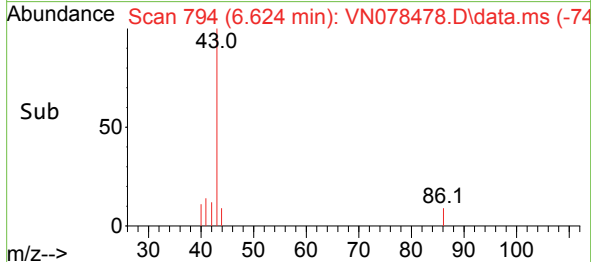
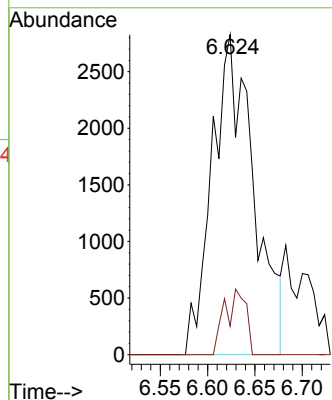
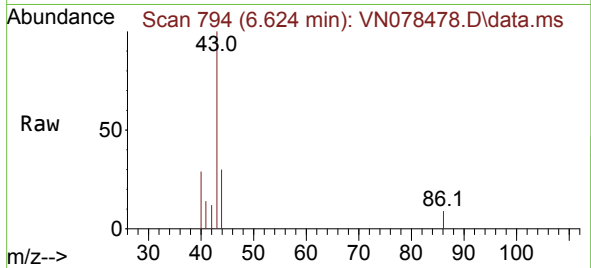




#23
 Vinyl Acetate
 Concen: 1.006 ug/l
 RT: 6.624 min Scan# 794
 Delta R.T. 0.012 min
 Lab File: VN078478.D
 Acq: 12 Jul 2023 13:29

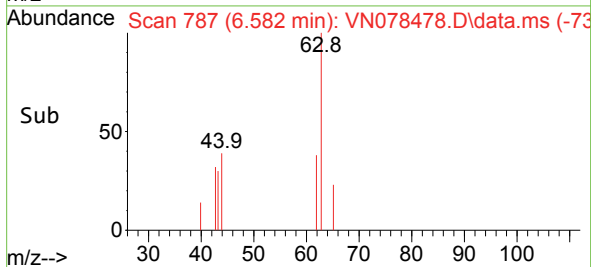
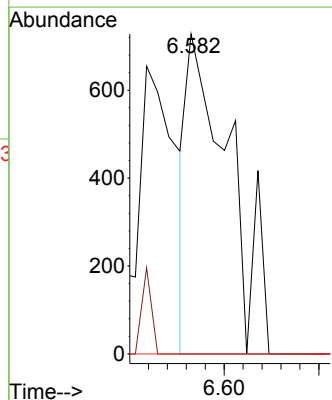
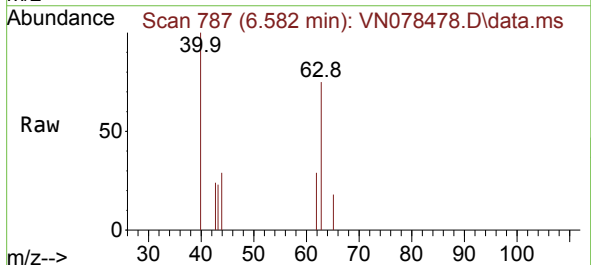
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2023

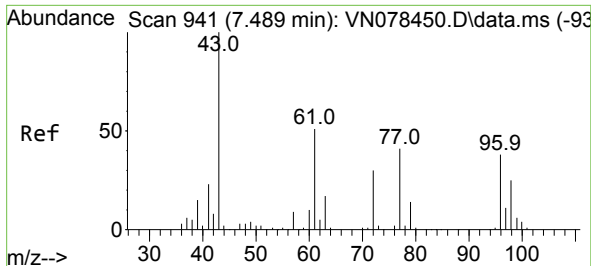
Tgt Ion: 43 Resp: 8591
 Ion Ratio Lower Upper
 43 100
 86 8.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.126 ug/l
 RT: 6.582 min Scan# 787
 Delta R.T. 0.005 min
 Lab File: VN078478.D
 Acq: 12 Jul 2023 13:29

Tgt Ion: 63 Resp: 1140
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#

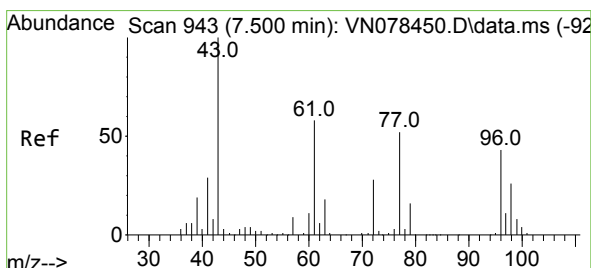
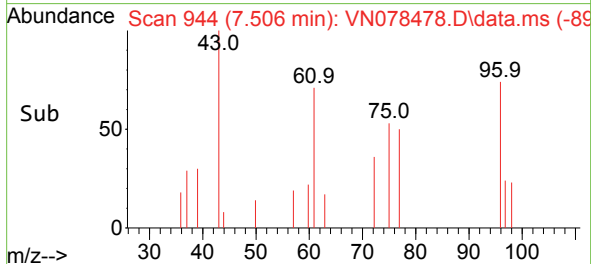
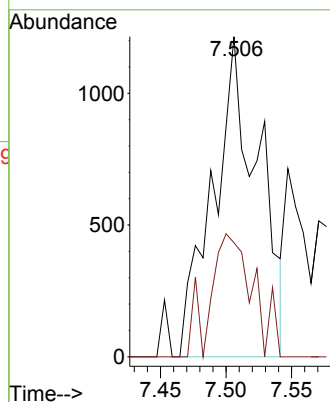
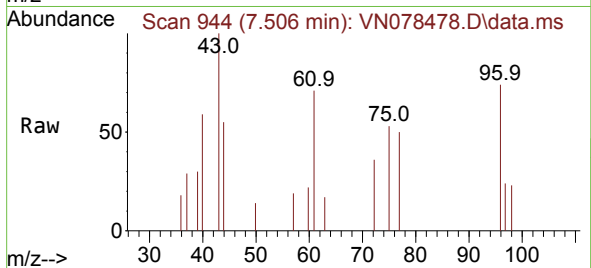




#25
2-Butanone
Concen: 1.070 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.017 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

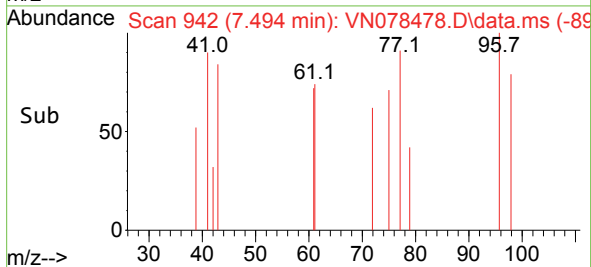
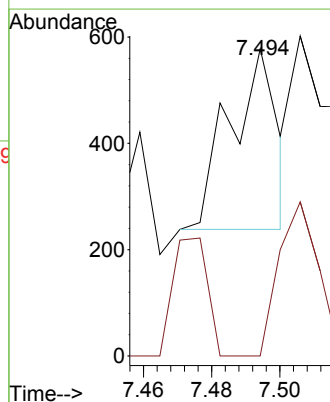
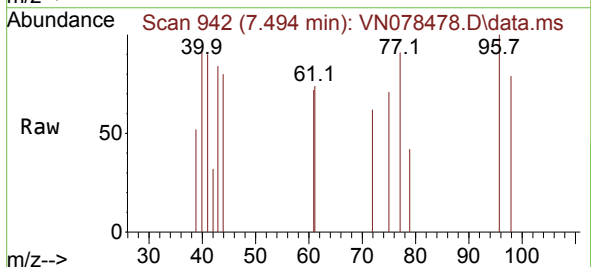
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

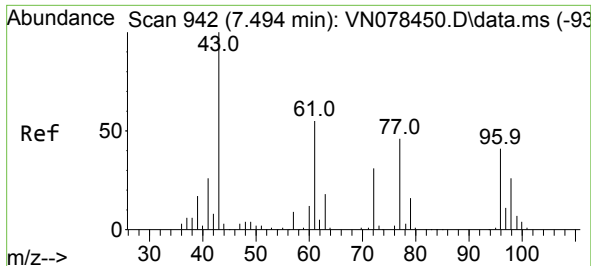
Tgt Ion: 43 Resp: 2925
Ion Ratio Lower Upper
43 100
72 35.6 30.2 45.2



#26
2,2-Dichloropropane
Concen: 0.044 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 77 Resp: 327
Ion Ratio Lower Upper
77 100
97 70.0 11.2 33.6#

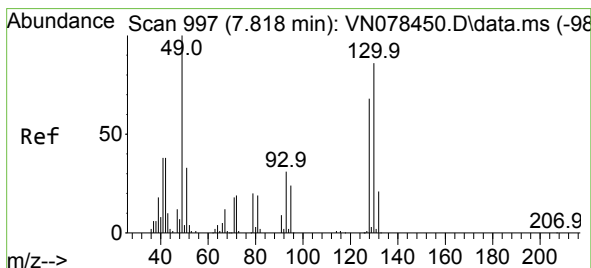
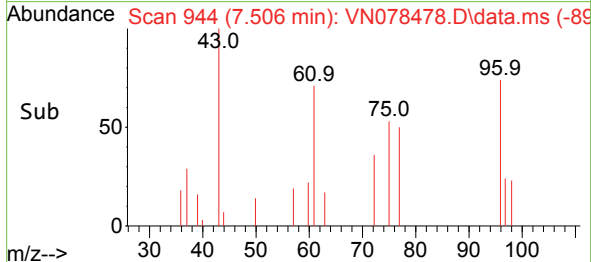
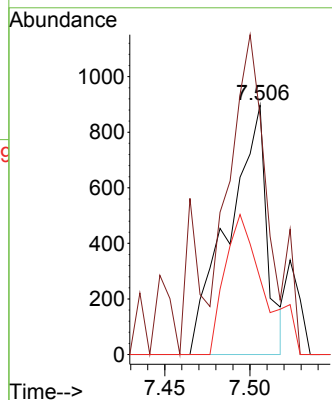
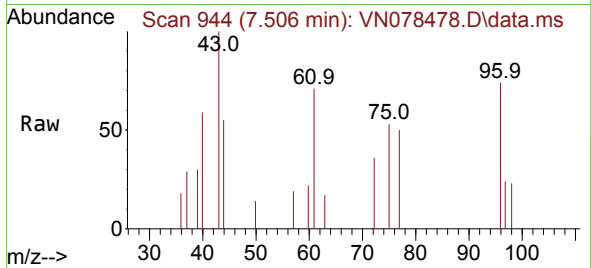




#27
 cis-1,2-Dichloroethene
 Concen: 0.246 ug/l
 RT: 7.506 min Scan# 94
 Delta R.T. 0.012 min
 Lab File: VN078478.D
 Acq: 12 Jul 2023 13:29

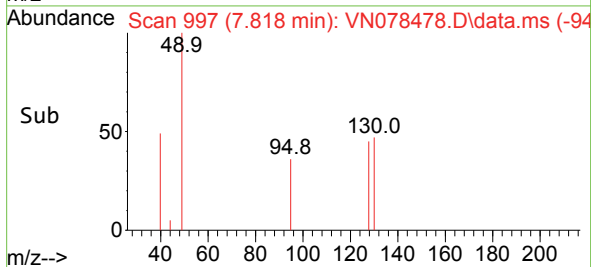
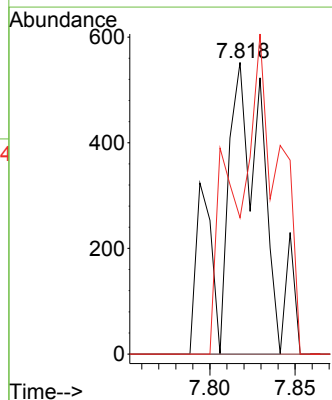
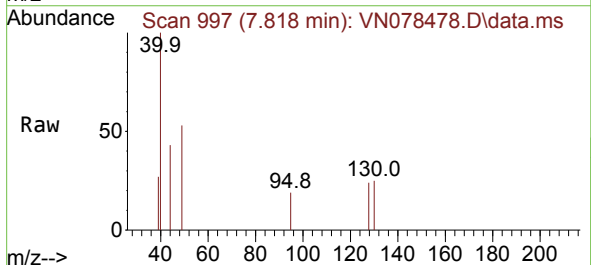
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Tgt Ion: 96 Resp: 1408
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 255.2
 98 57.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 0.210 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078478.D
 Acq: 12 Jul 2023 13:29

Tgt Ion: 49 Resp: 894
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 118.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 1.134 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

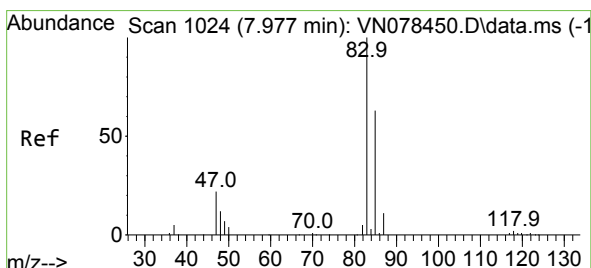
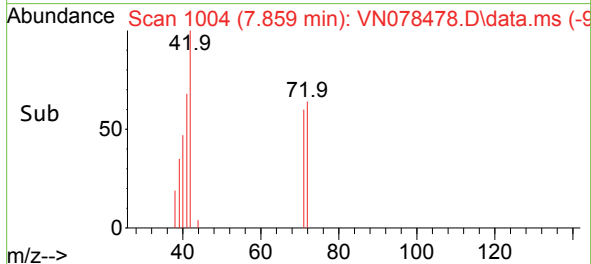
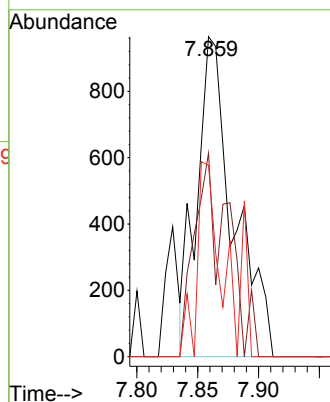
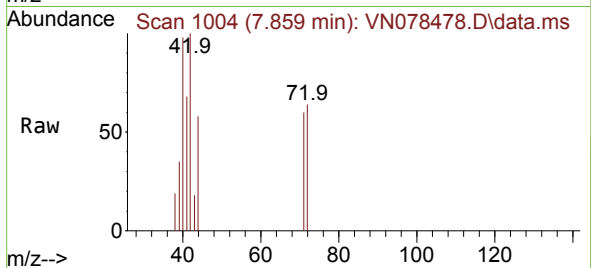
Tgt Ion: 42 Resp: 2035

Ion Ratio Lower Upper

42 100

72 33.5 49.8 74.6#

71 31.4 47.4 71.2#



#30

Chloroform

Concen: 0.294 ug/l

RT: 7.982 min Scan# 1025

Delta R.T. 0.005 min

Lab File: VN078478.D

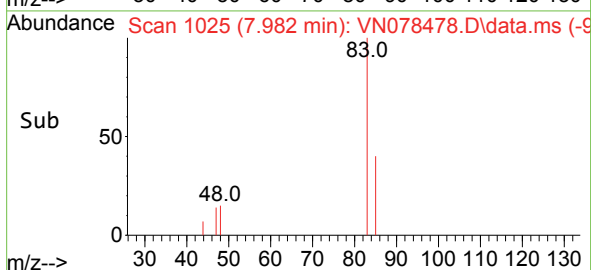
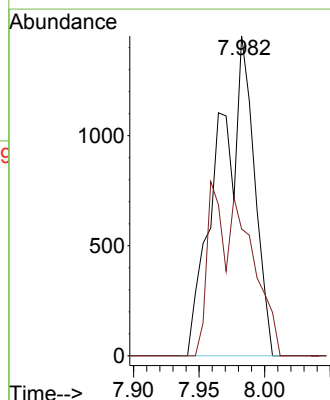
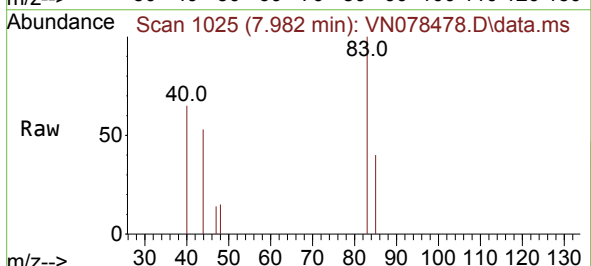
Acq: 12 Jul 2023 13:29

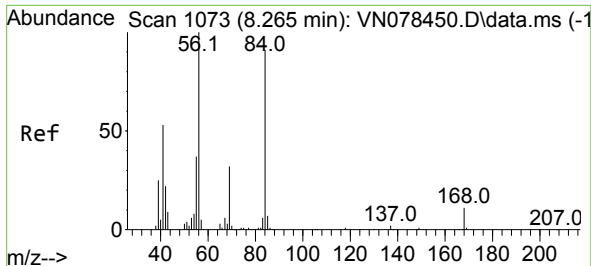
Tgt Ion: 83 Resp: 2771

Ion Ratio Lower Upper

83 100

85 39.6 55.4 83.0#

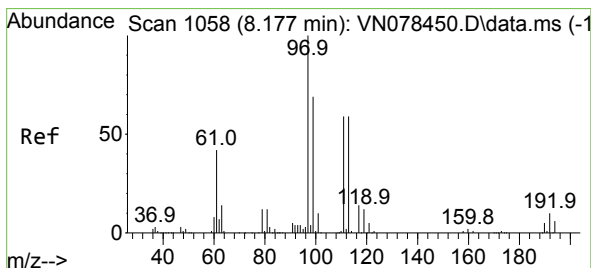
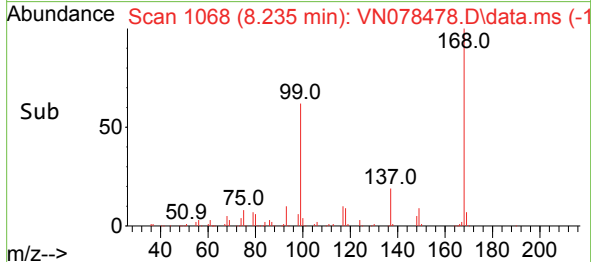
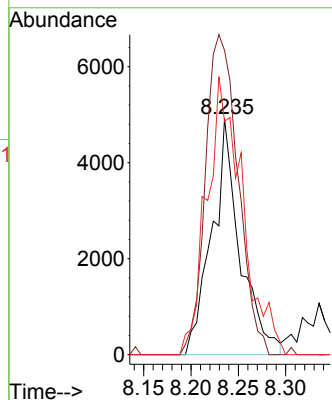
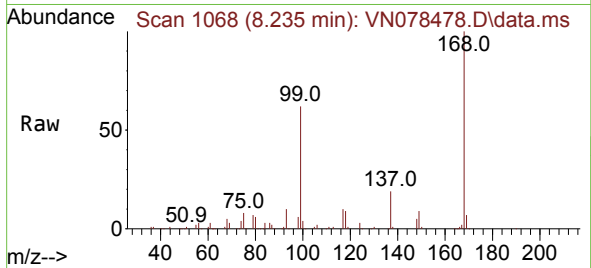




#31
Cyclohexane
Concen: 1.350 ug/l
RT: 8.235 min Scan# 10173
Delta R.T. -0.030 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

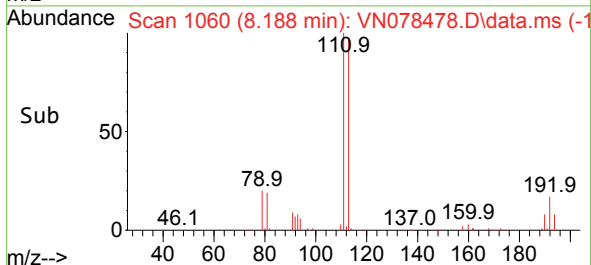
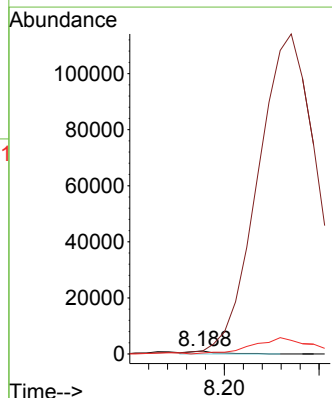
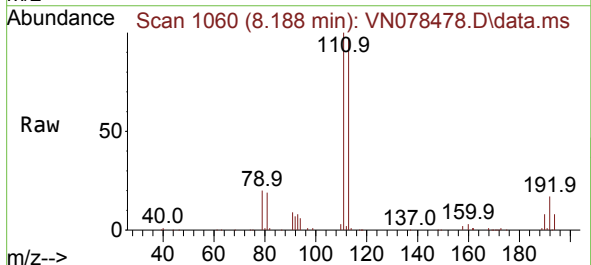
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

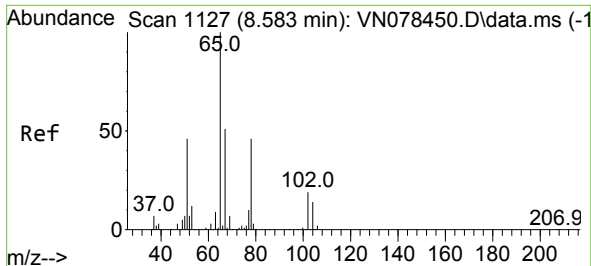
Tgt Ion: 56 Resp: 10173
Ion Ratio Lower Upper
56 100
69 128.8 26.8 40.2#
84 98.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 0.133 ug/l
RT: 8.188 min Scan# 1060
Delta R.T. 0.011 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 97 Resp: 1127
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 57.833 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

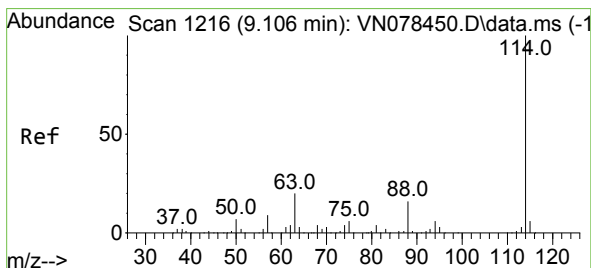
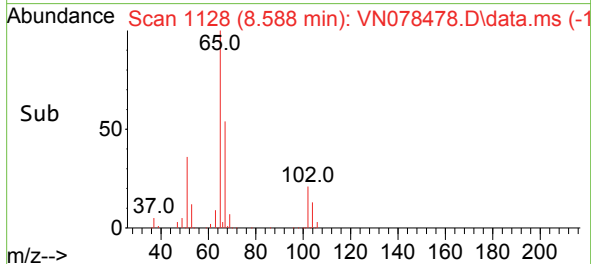
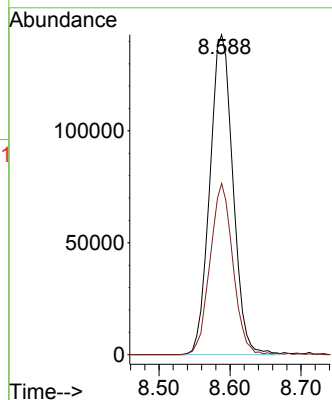
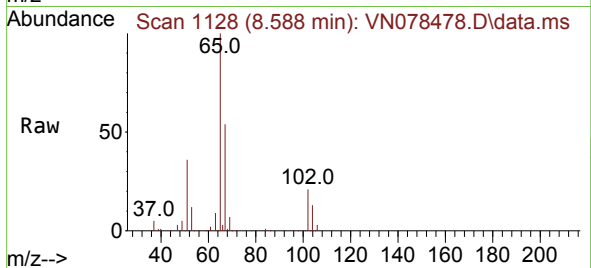
MDL-WATER-03-QT3-2023

Tgt Ion: 65 Resp: 322493

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

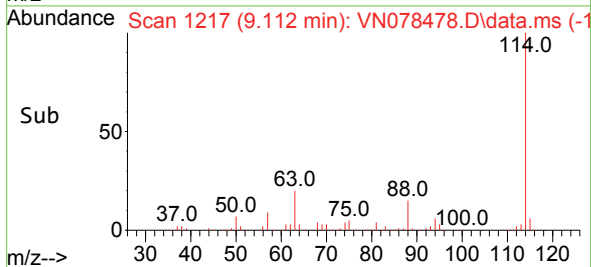
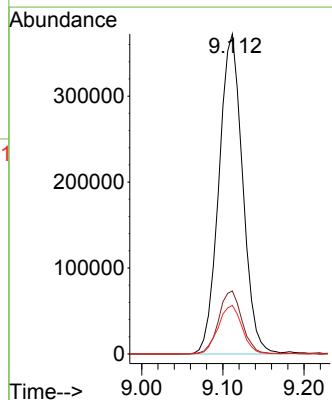
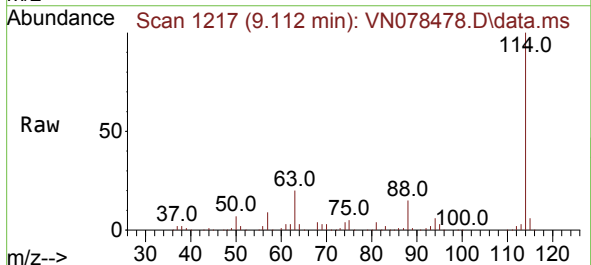
Tgt Ion: 114 Resp: 755327

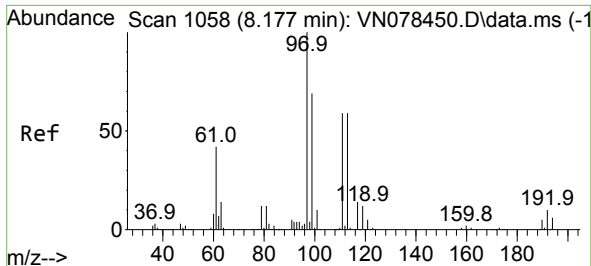
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 15.1 0.0 30.6

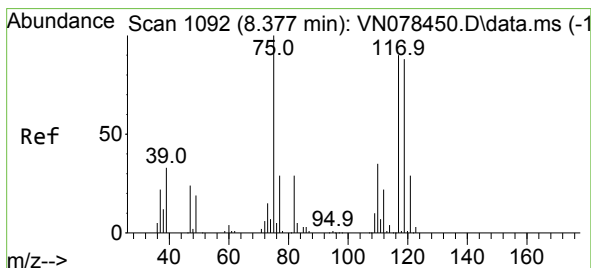
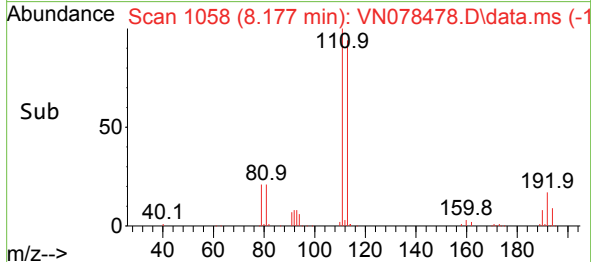
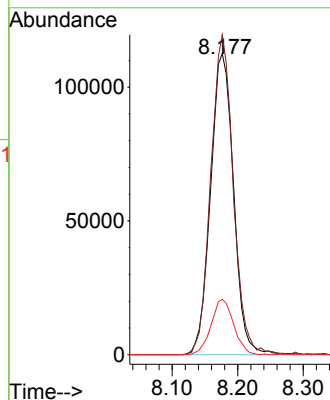
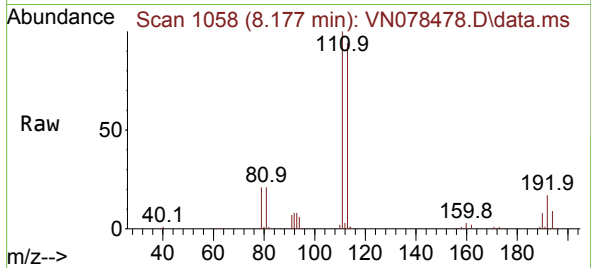




#35
Dibromofluoromethane
Concen: 53.296 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

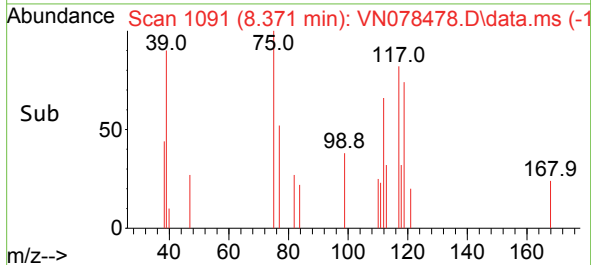
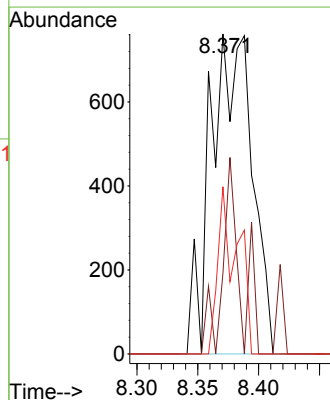
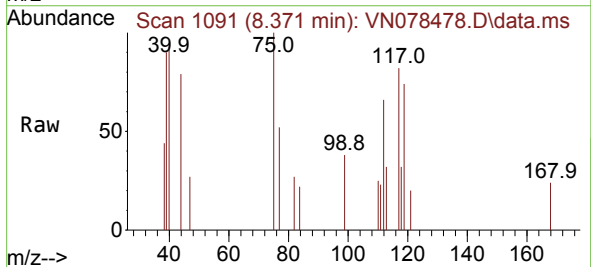
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

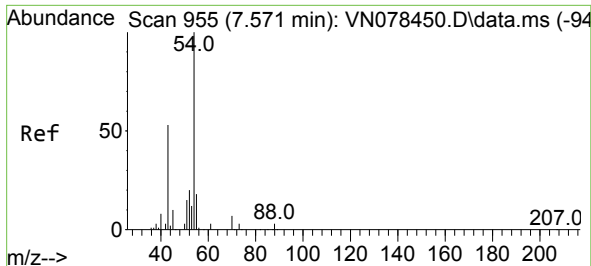
Tgt Ion:113 Resp: 273272
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 18.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 0.246 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 75 Resp: 1818
Ion Ratio Lower Upper
75 100
110 20.2 19.1 57.3
77 24.8 25.0 37.4#

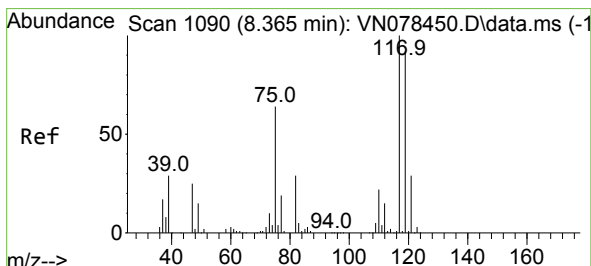
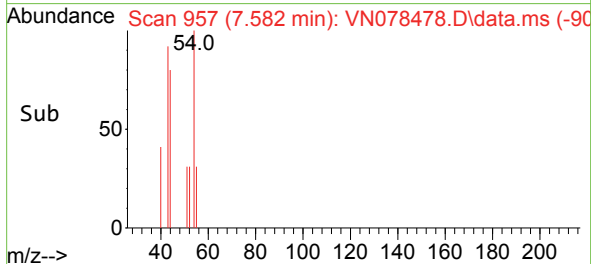
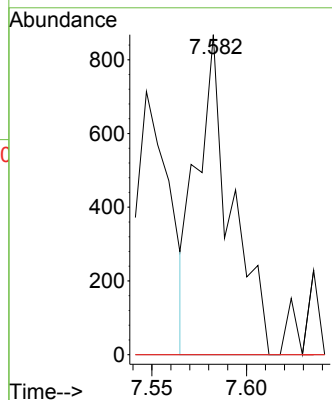
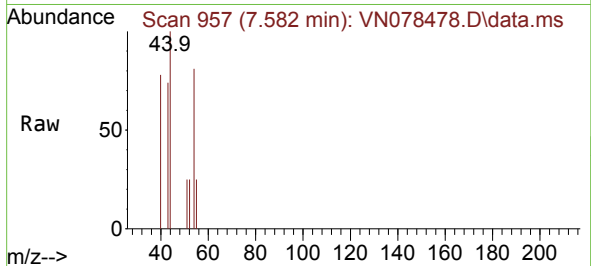




#37
Ethyl Acetate
Concen: 0.177 ug/l
RT: 7.582 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

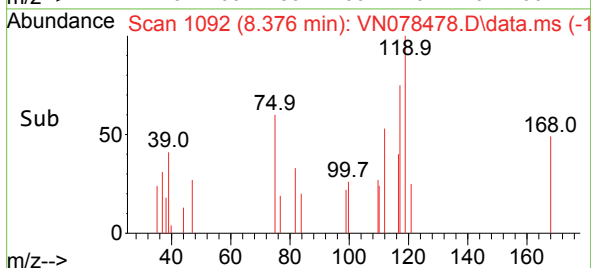
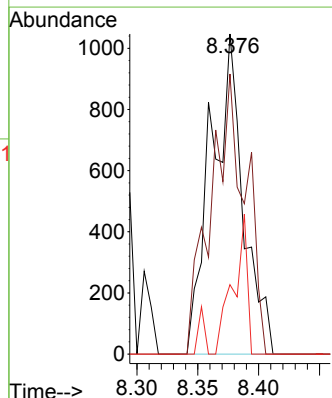
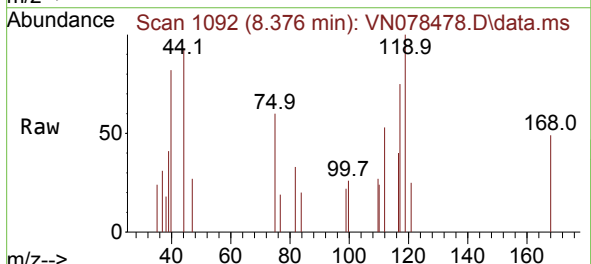
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

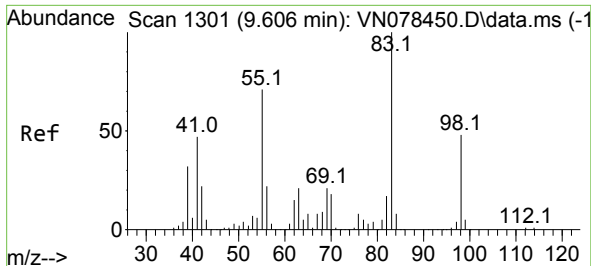
Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 0.240 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. 0.011 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 117 Resp: 1928
Ion Ratio Lower Upper
117 100
119 87.5 77.3 115.9
121 21.7 23.3 34.9#

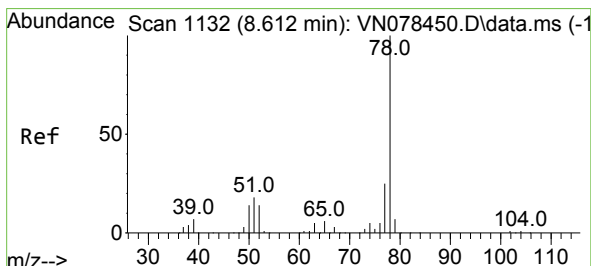
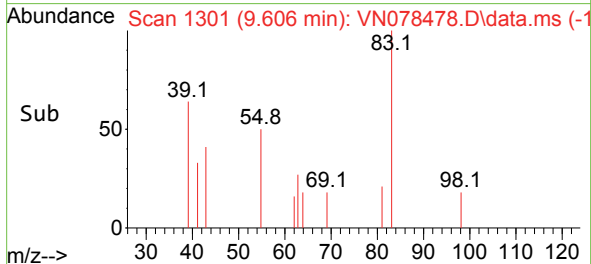
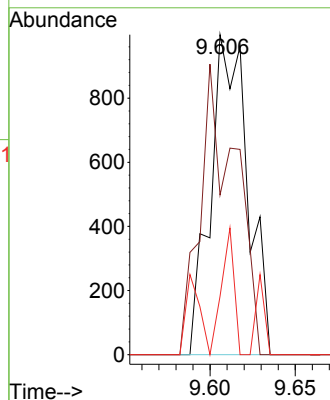
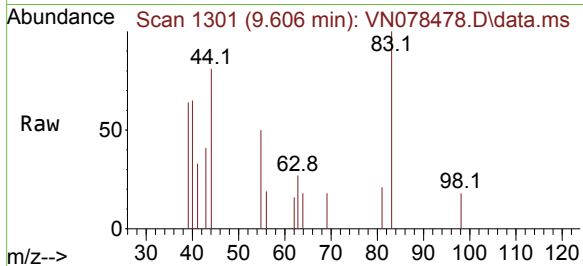




#39
Methylcyclohexane
Concen: 0.223 ug/l
RT: 9.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

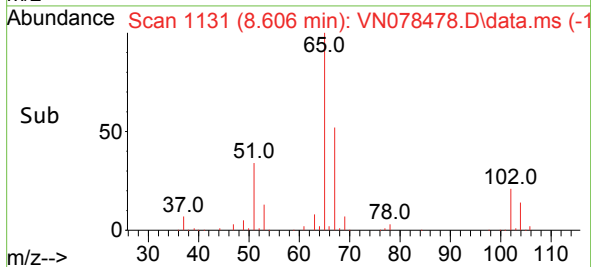
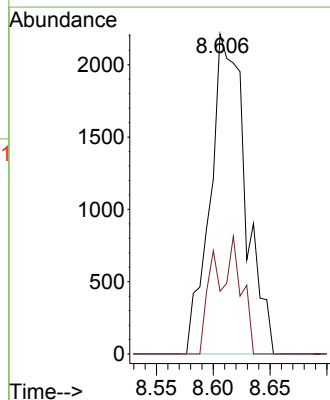
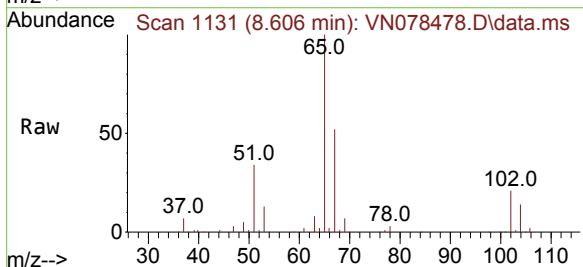
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 83 Resp: 1510
Ion Ratio Lower Upper
83 100
55 49.9 49.1 73.7
98 18.2 40.6 61.0#



#40
Benzene
Concen: 0.217 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 78 Resp: 4764
Ion Ratio Lower Upper
78 100
77 19.6 19.0 28.6

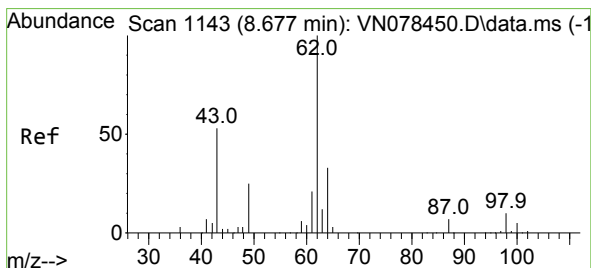
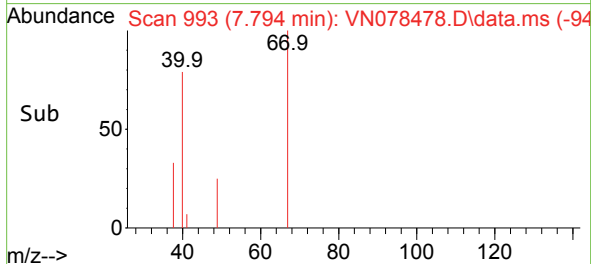
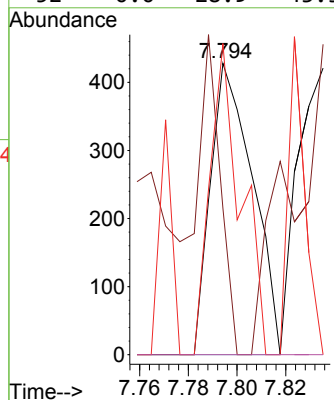
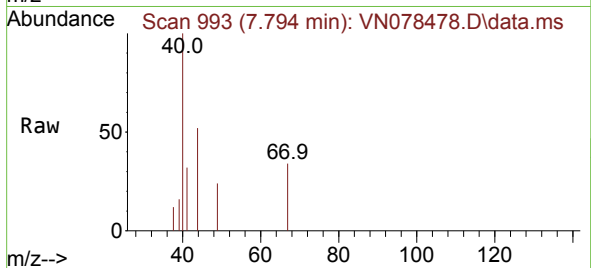




#41
Methacrylonitrile
Concen: 0.163 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

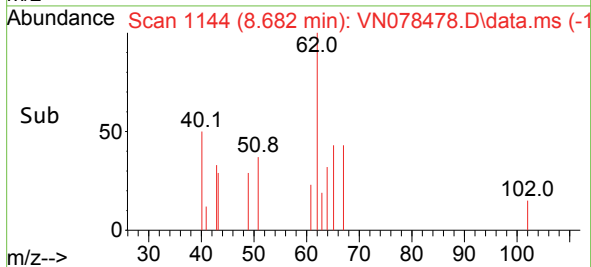
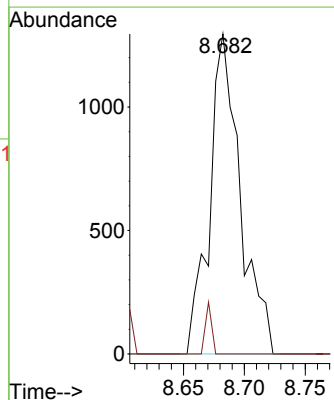
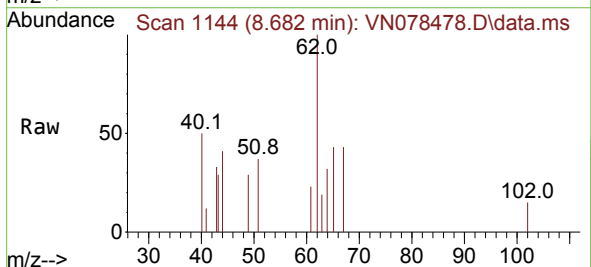
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

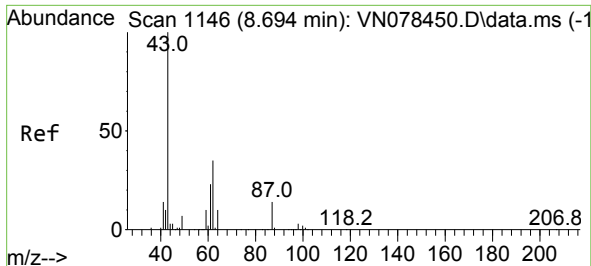
Tgt Ion:	41	Resp:	513
Ion	Ratio	Lower	Upper
41	100		
39	59.3	42.6	64.0
67	78.9	77.5	116.3
52	0.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 0.304 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion:	62	Resp:	2267
Ion	Ratio	Lower	Upper
62	100		
98	3.3	0.0	19.8

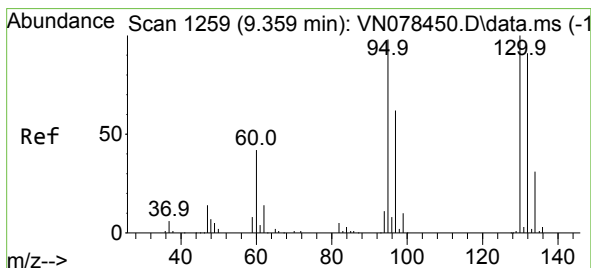
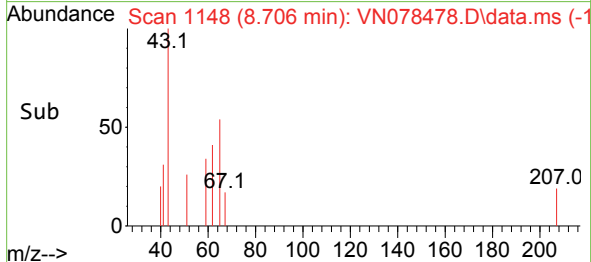
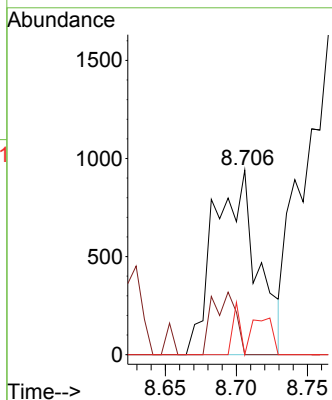
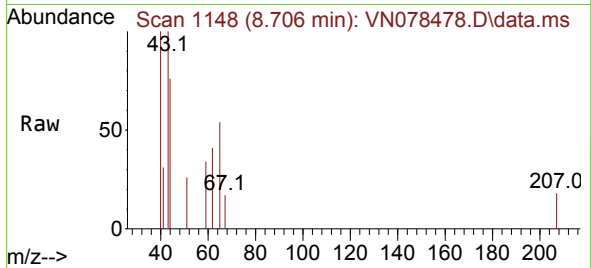




#43
Isopropyl Acetate
Concen: 0.196 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

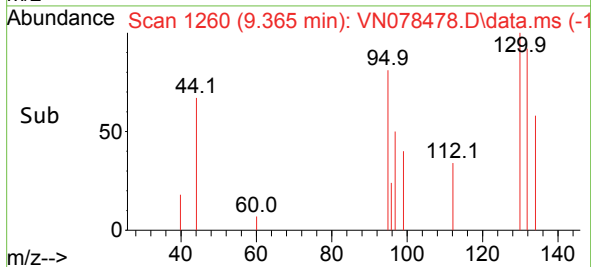
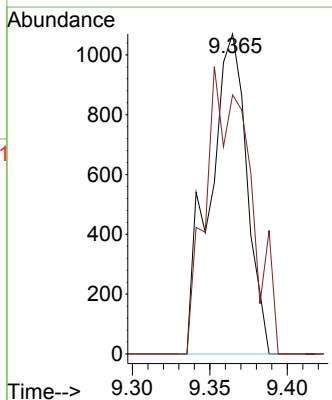
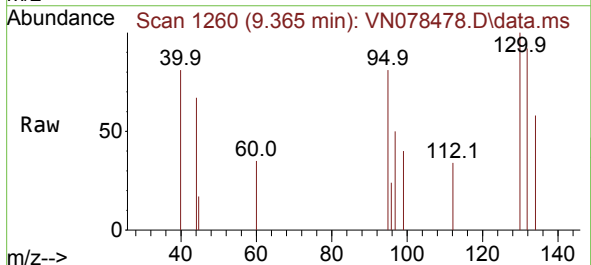
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

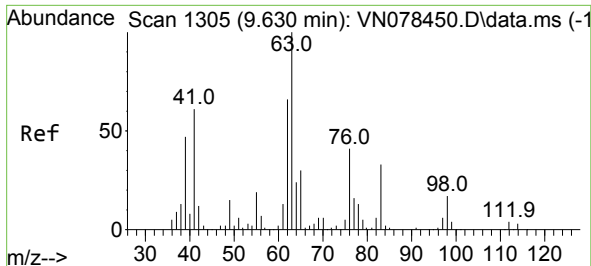
Tgt Ion: 43 Resp: 1996
Ion Ratio Lower Upper
43 100
61 18.2 24.7 37.1#
87 4.7 14.6 21.8#



#44
Trichloroethene
Concen: 0.300 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion:130 Resp: 1775
Ion Ratio Lower Upper
130 100
95 80.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.221 ug/l

RT: 9.635 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

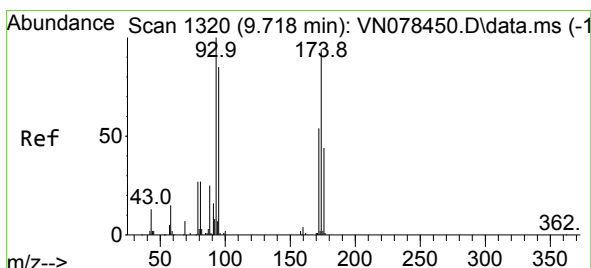
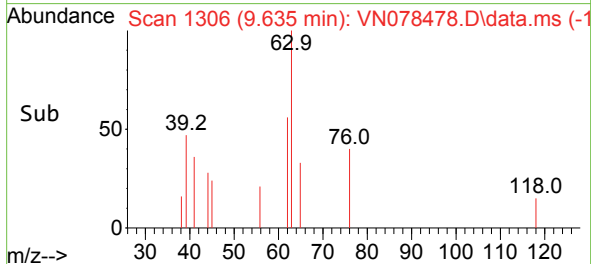
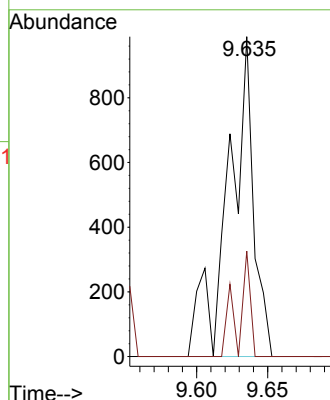
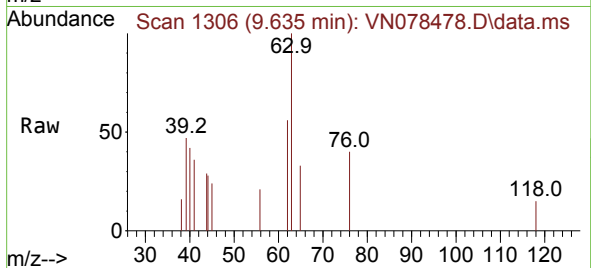
MDL-WATER-03-QT3-2023

Tgt Ion: 63 Resp: 1225

Ion Ratio Lower Upper

63 100

65 33.0 23.9 35.9



#46

Dibromomethane

Concen: 0.331 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

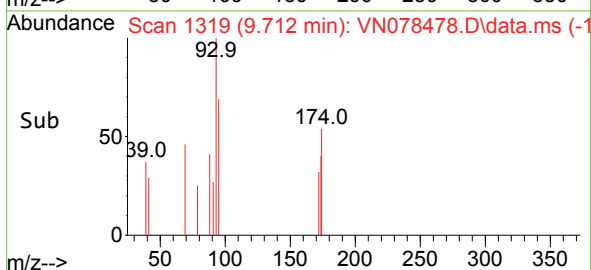
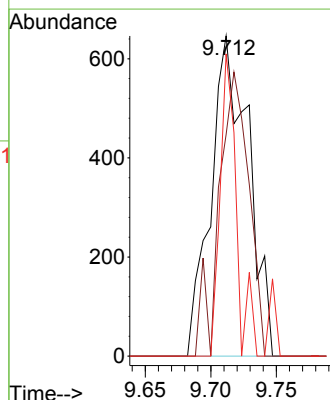
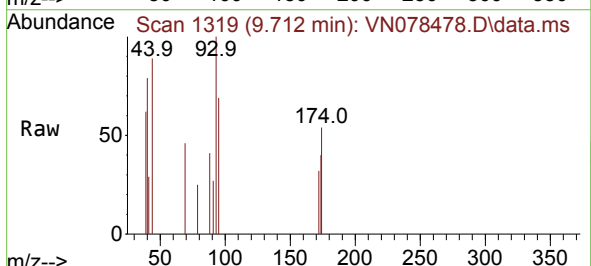
Tgt Ion: 93 Resp: 1293

Ion Ratio Lower Upper

93 100

95 70.1 63.8 95.8

174 40.5 65.6 98.4





#47

Bromodichloromethane

Concen: 0.201 ug/l

RT: 9.900 min Scan# 1351

Delta R.T. 0.006 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

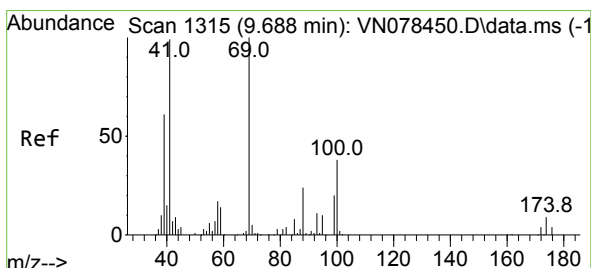
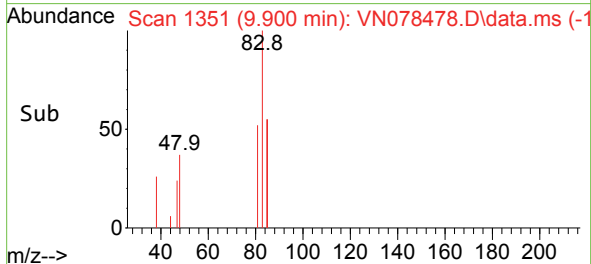
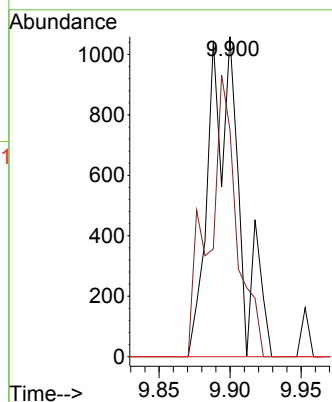
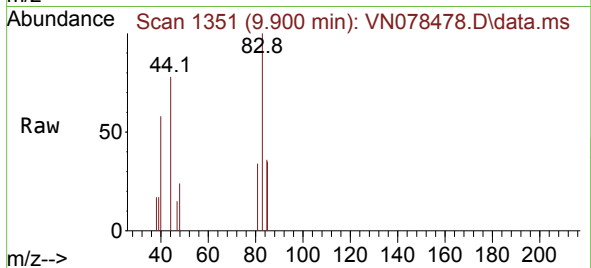
Tgt Ion: 83 Resp: 1573

Ion Ratio Lower Upper

83 100

85 70.9 49.6 74.4

127 0.0 7.0 10.6#



#48

Methyl methacrylate

Concen: 0.205 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

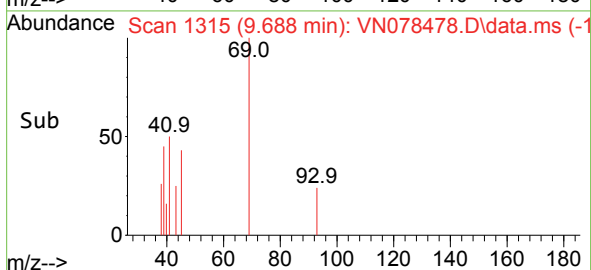
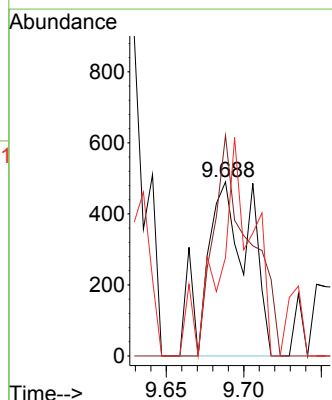
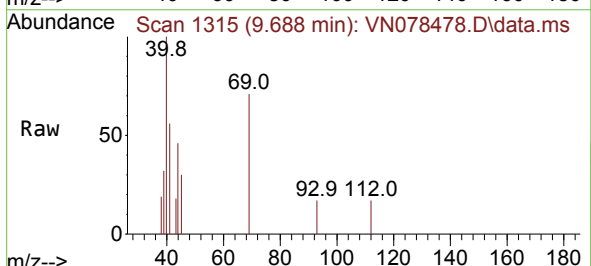
Tgt Ion: 41 Resp: 963

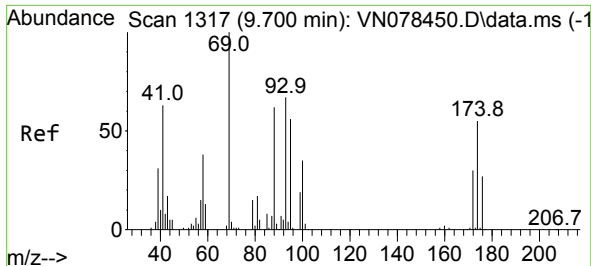
Ion Ratio Lower Upper

41 100

69 102.9 90.4 135.6

39 95.4 54.6 81.8#





#49

1,4-Dioxane

Concen: 2.913 ug/l

RT: 9.712 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN078478.D

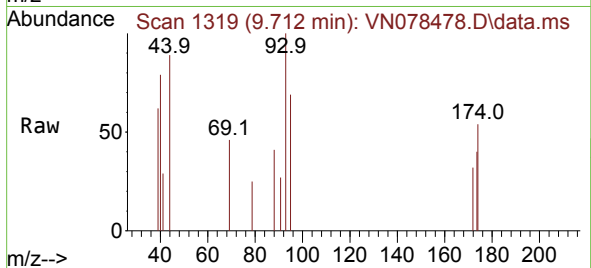
Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023



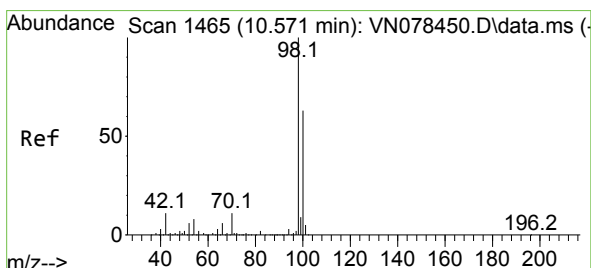
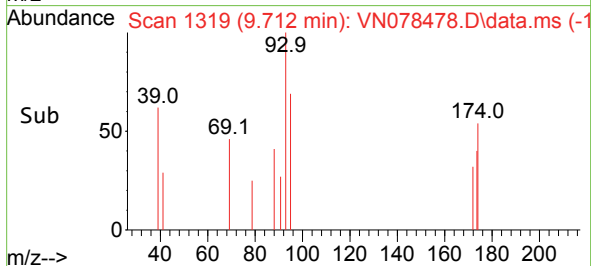
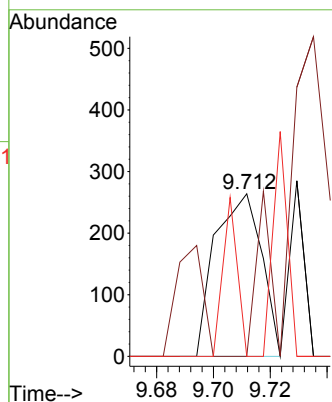
Tgt Ion: 88 Resp: 299

Ion Ratio Lower Upper

88 100

43 39.5 17.0 25.6#

58 30.4 47.0 70.4#



#50

Toluene-d8

Concen: 50.235 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078478.D

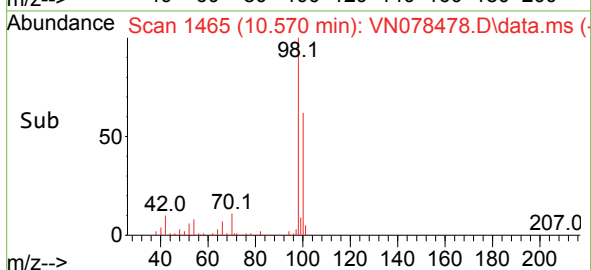
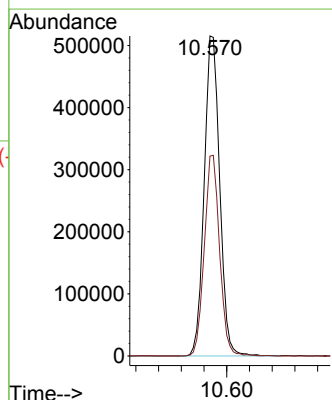
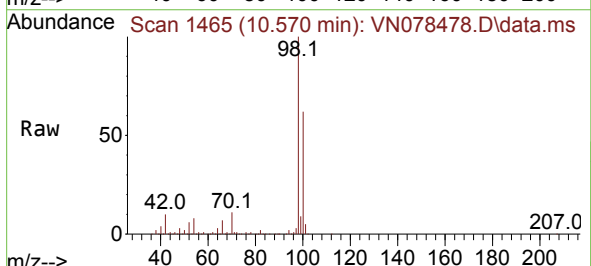
Acq: 12 Jul 2023 13:29

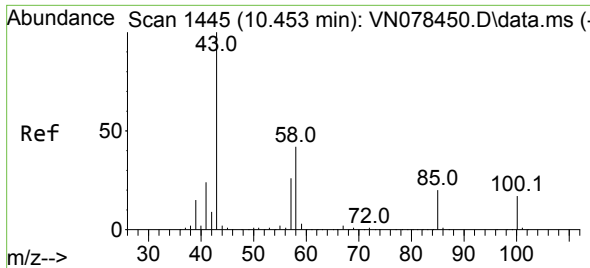
Tgt Ion: 98 Resp: 973041

Ion Ratio Lower Upper

98 100

100 61.9 52.0 78.0

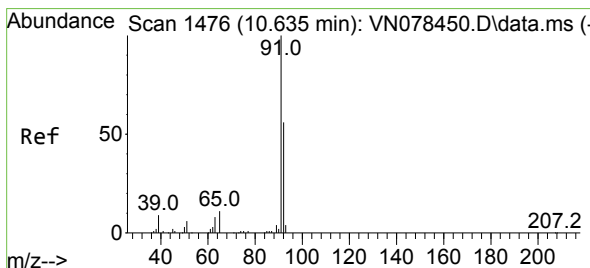
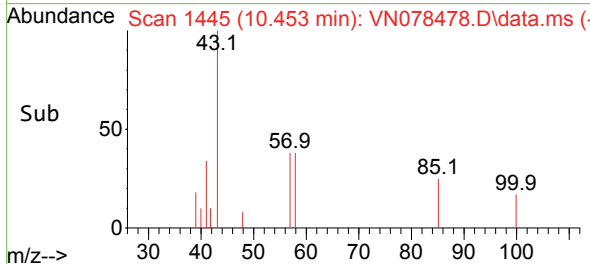
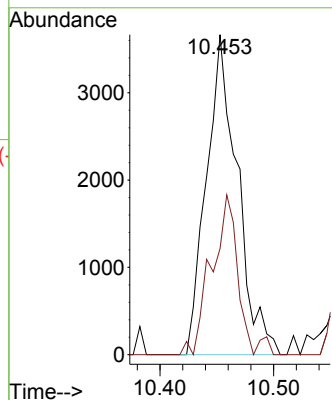
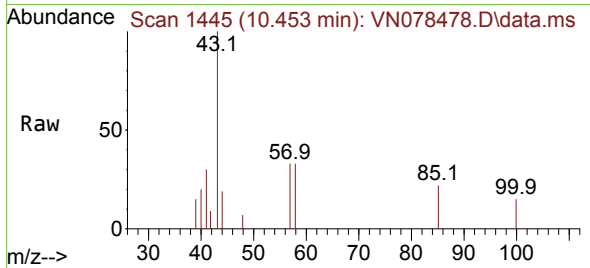




#51
4-Methyl-2-Pentanone
Concen: 1.150 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

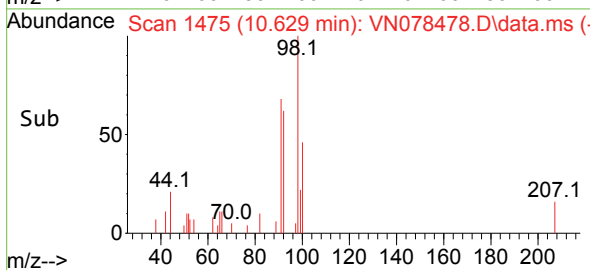
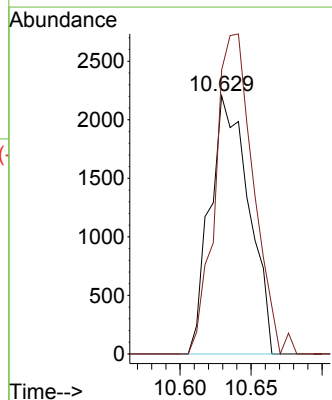
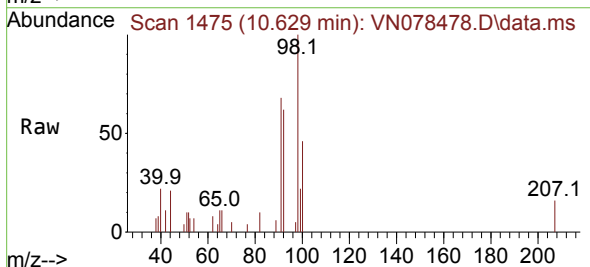
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

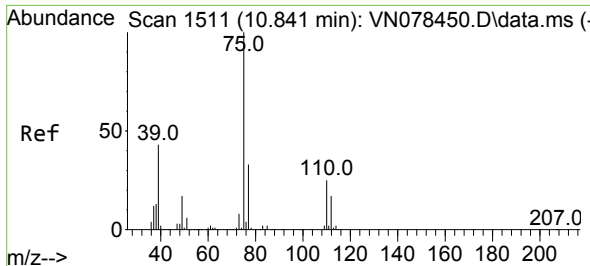
Tgt Ion: 43 Resp: 6948
Ion Ratio Lower Upper
43 100
58 41.2 36.6 54.8



#52
Toluene
Concen: 0.308 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 92 Resp: 4192
Ion Ratio Lower Upper
92 100
91 122.1 137.4 206.0#

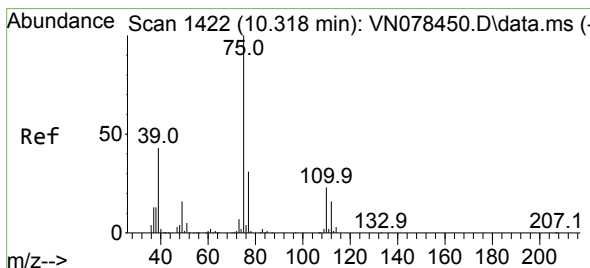
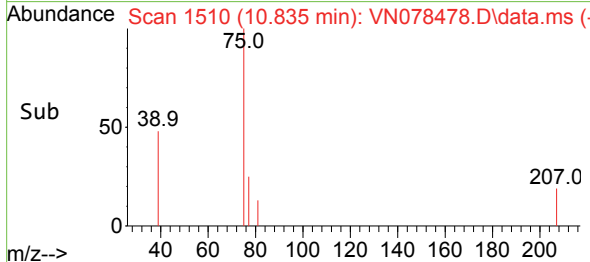
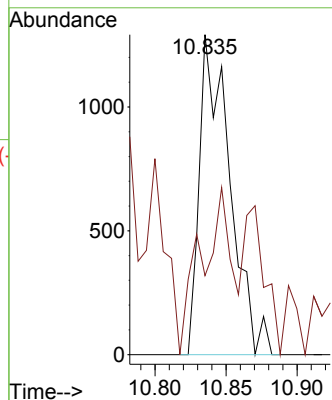
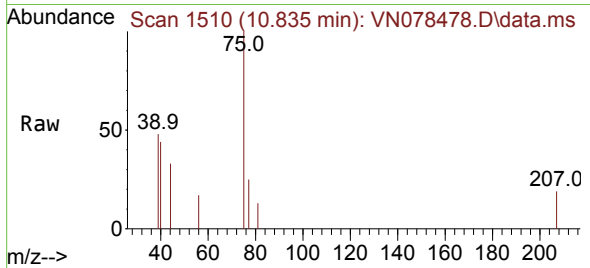




#53
 t-1,3-Dichloropropene
 Concen: 0.238 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN078478.D
 Acq: 12 Jul 2023 13:29

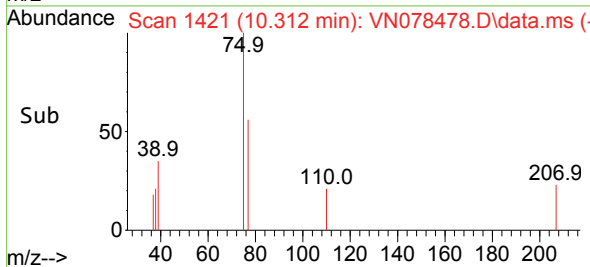
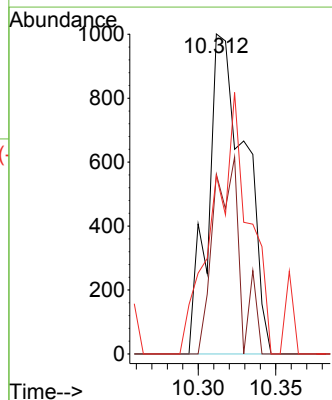
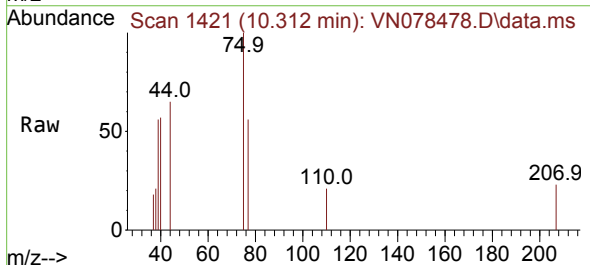
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2023

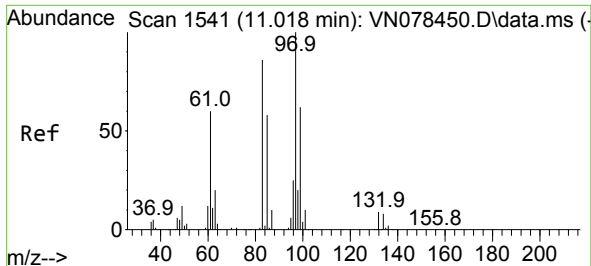
Tgt Ion: 75 Resp: 1913
 Ion Ratio Lower Upper
 75 100
 77 24.7 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 0.195 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN078478.D
 Acq: 12 Jul 2023 13:29

Tgt Ion: 75 Resp: 1667
 Ion Ratio Lower Upper
 75 100
 77 56.1 26.1 39.1#
 39 55.7 31.6 47.4#

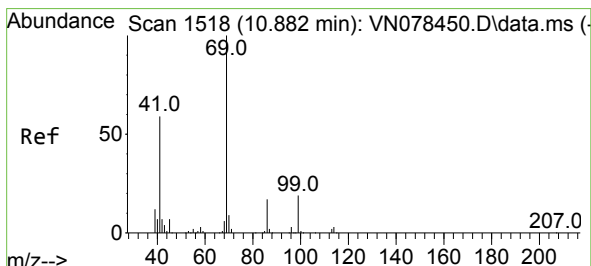
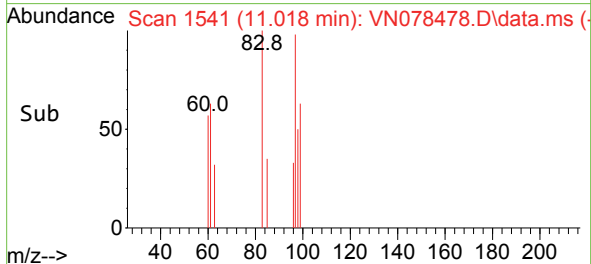
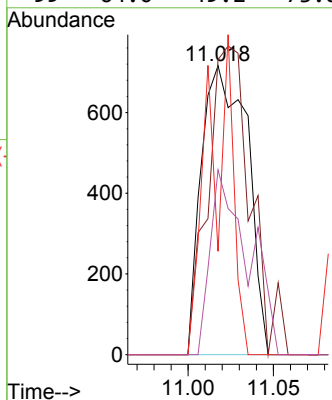
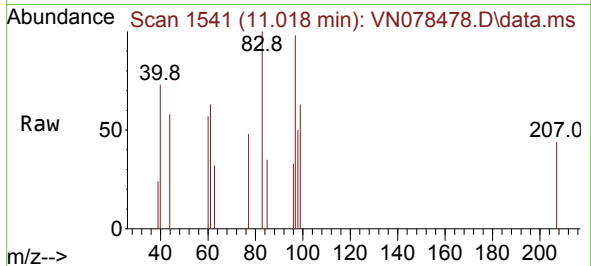




#55
1,1,2-Trichloroethane
Concen: 0.249 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.001 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

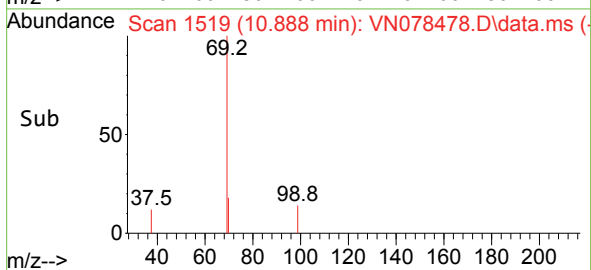
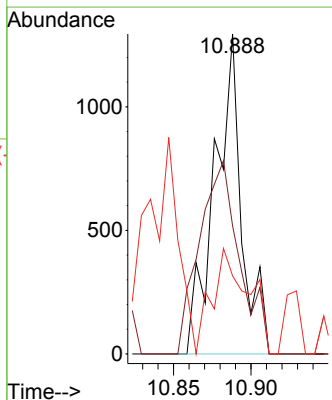
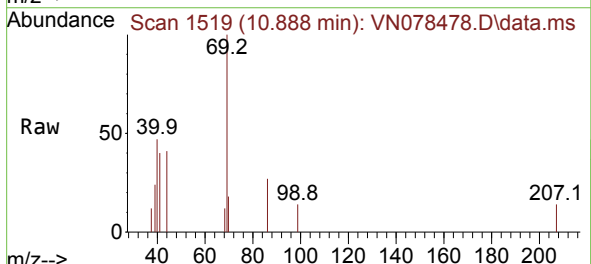
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

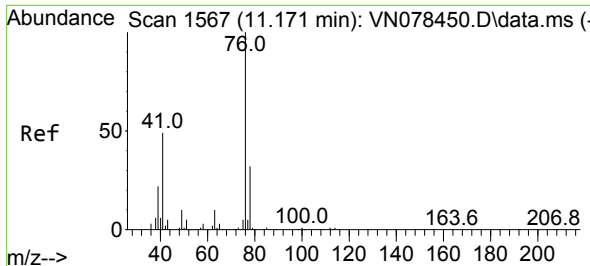
Tgt Ion: 97	Resp: 1334
Ion Ratio	Lower Upper
97 100	
83 102.1	65.1 97.7#
85 35.8	43.4 65.2#
99 64.0	49.2 73.8



#56
Ethyl methacrylate
Concen: 0.210 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 69	Resp: 1570
Ion Ratio	Lower Upper
69 100	
41 89.5	39.6 59.4#
39 44.3	28.6 43.0#

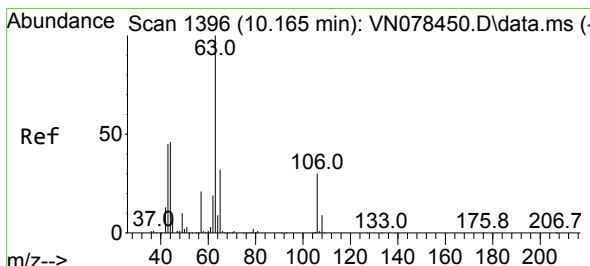
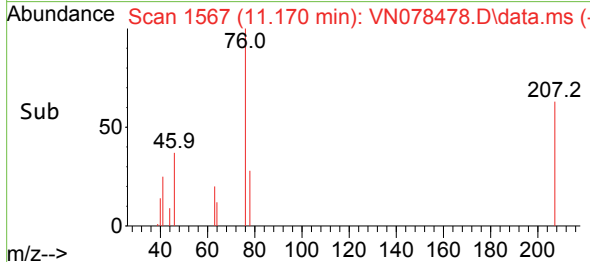
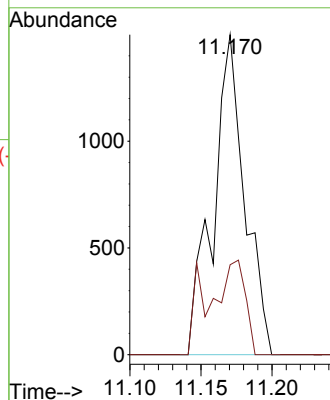
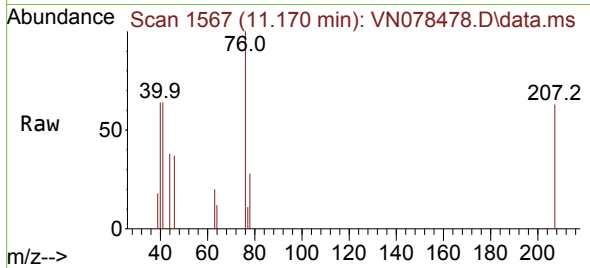




#57
1,3-Dichloropropane
Concen: 0.254 ug/l
RT: 11.170 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

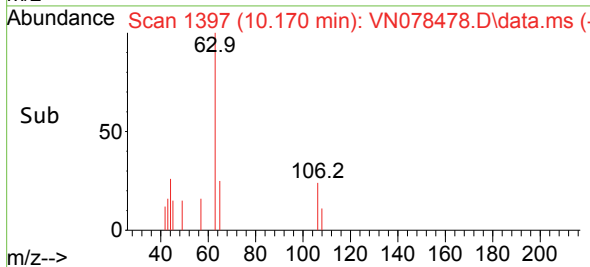
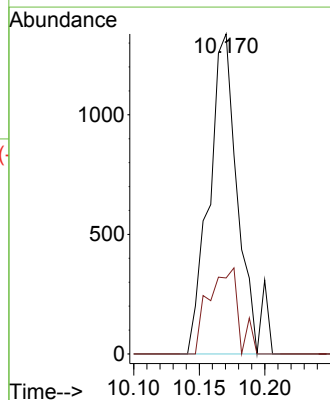
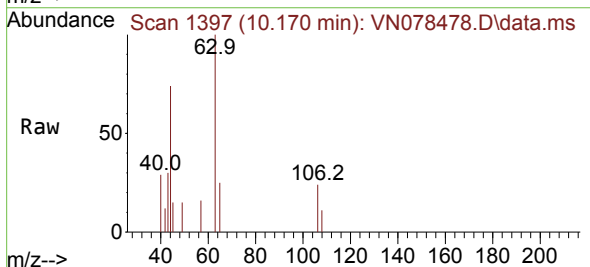
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

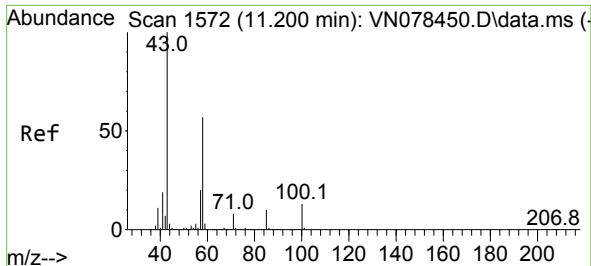
Tgt Ion: 76 Resp: 2316
Ion Ratio Lower Upper
76 100
78 17.0 26.1 39.1#



#58
2-Chloroethyl Vinyl ether
Concen: 0.777 ug/l
RT: 10.170 min Scan# 1397
Delta R.T. 0.005 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 63 Resp: 2073
Ion Ratio Lower Upper
63 100
106 27.5 26.2 39.4

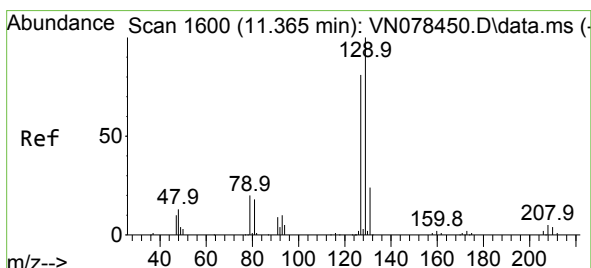
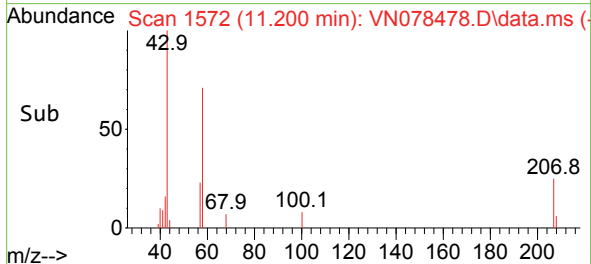
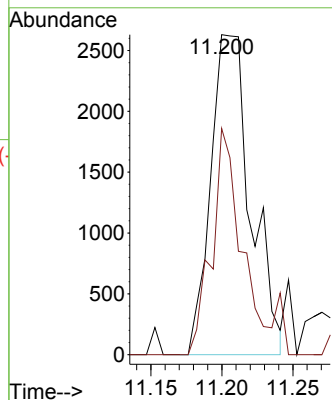
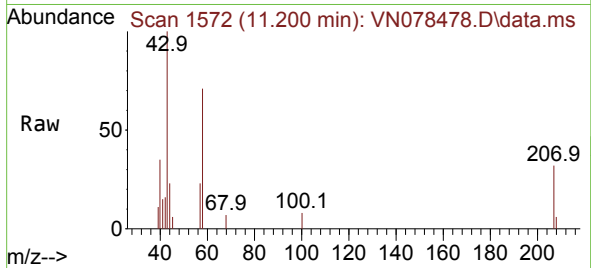




#59
2-Hexanone
Concen: 1.205 ug/l
RT: 11.200 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

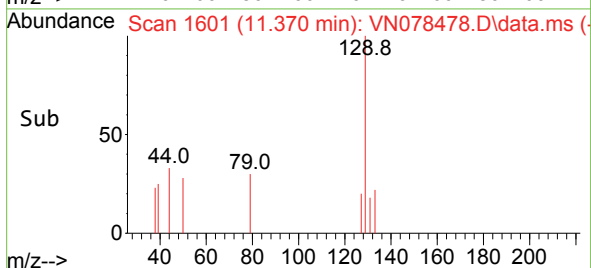
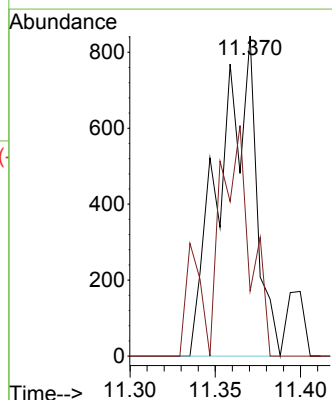
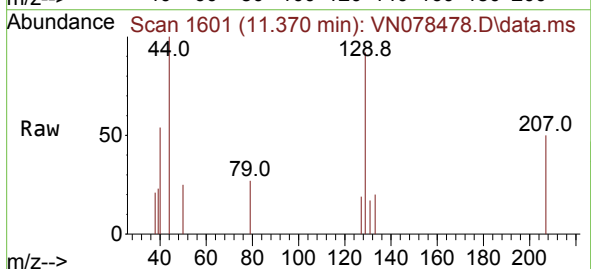
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

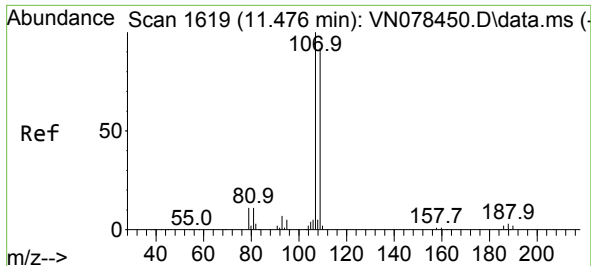
Tgt Ion: 43 Resp: 5177
Ion Ratio Lower Upper
43 100
58 55.8 31.7 95.1



#60
Dibromochloromethane
Concen: 0.211 ug/l
RT: 11.370 min Scan# 1601
Delta R.T. 0.005 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 129 Resp: 1246
Ion Ratio Lower Upper
129 100
127 71.1 38.6 116.0

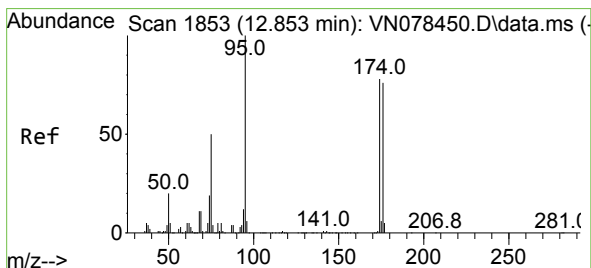
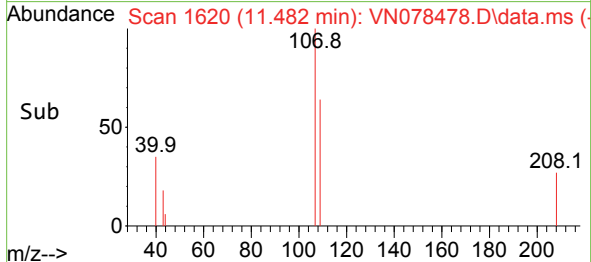
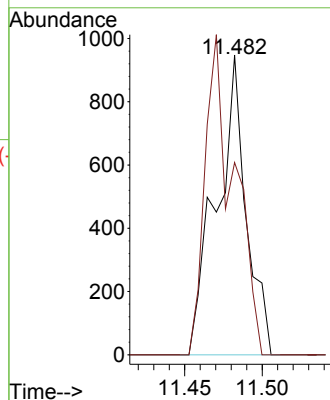
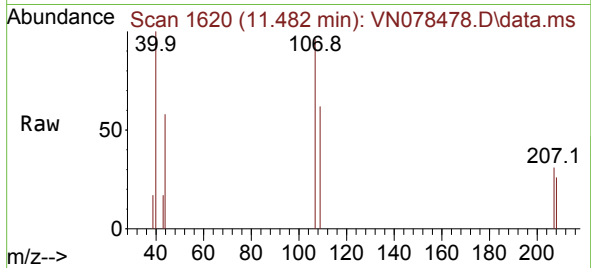




#61
1,2-Dibromoethane
Concen: 0.228 ug/l
RT: 11.482 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

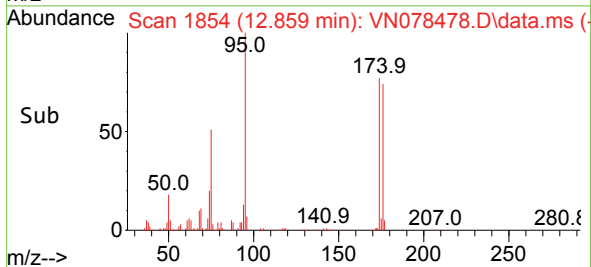
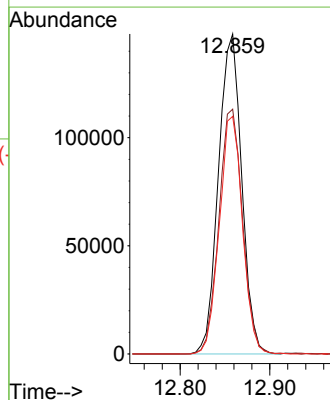
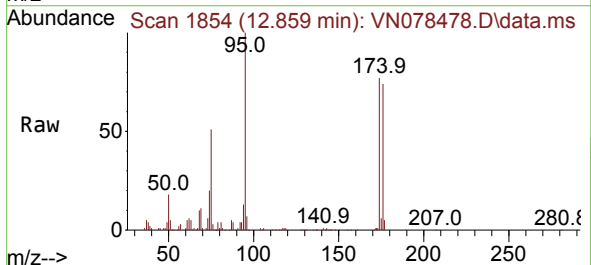
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

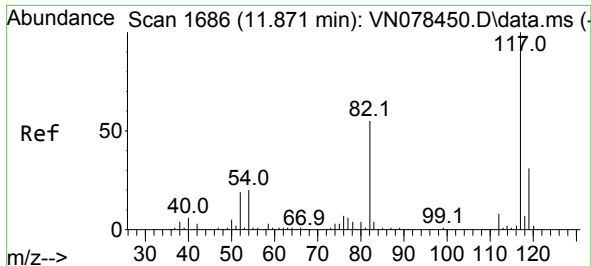
Tgt Ion:107 Resp: 1258
Ion Ratio Lower Upper
107 100
109 104.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 44.588 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 95 Resp: 266024
Ion Ratio Lower Upper
95 100
174 78.0 0.0 143.8
176 74.0 0.0 135.8

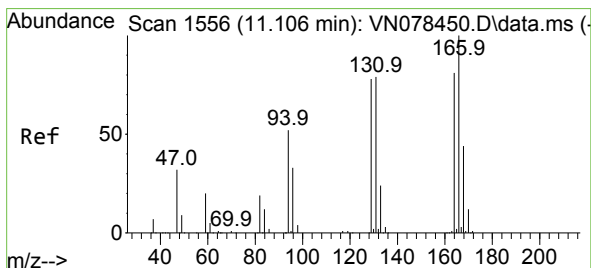
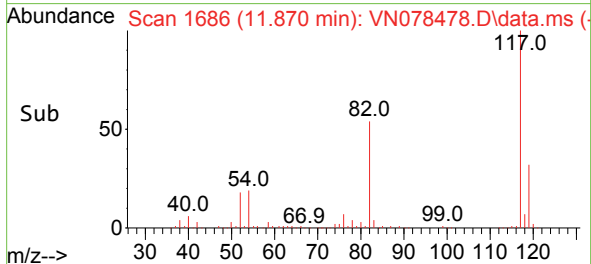
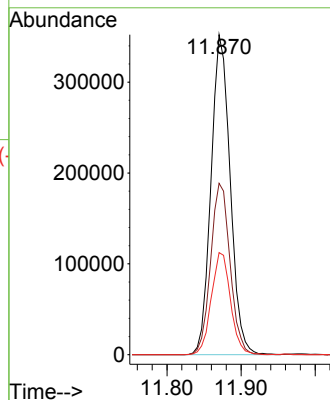
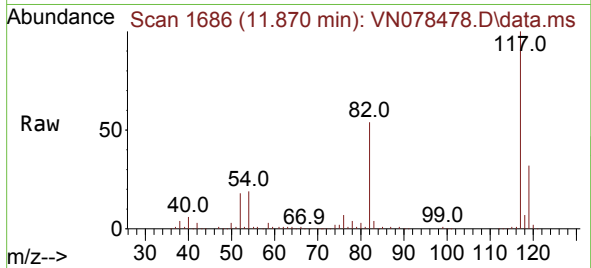




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

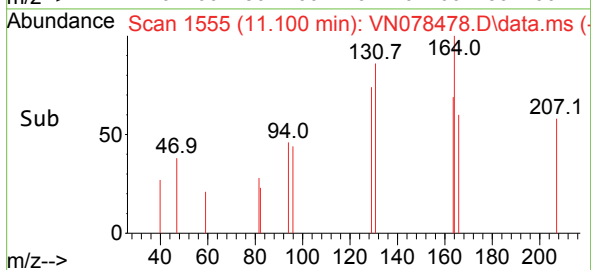
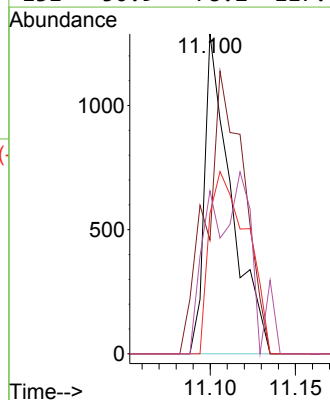
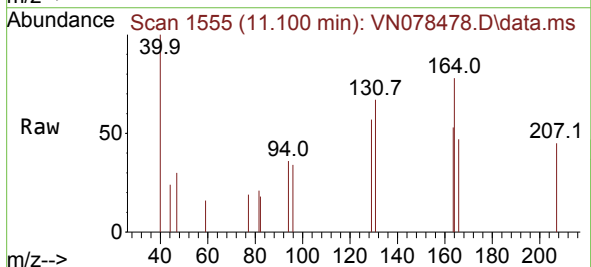
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

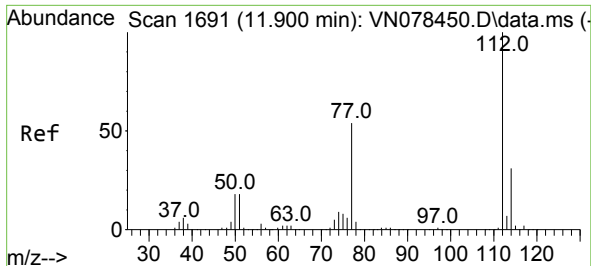
Tgt Ion:117 Resp: 632399
Ion Ratio Lower Upper
117 100
82 53.5 44.0 66.0
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 0.294 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion:164 Resp: 1398
Ion Ratio Lower Upper
164 100
166 35.6 101.4 152.0#
129 43.9 82.4 123.6#
131 50.9 78.2 117.4#

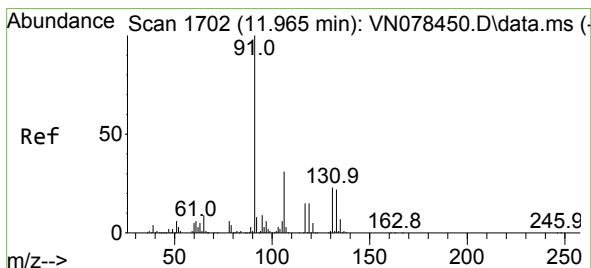
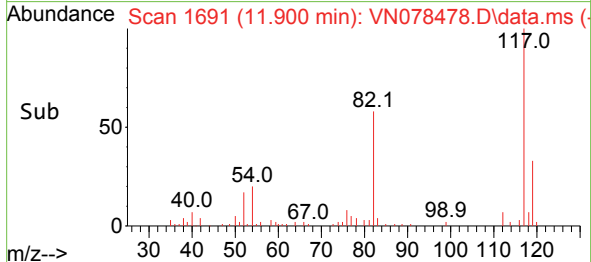
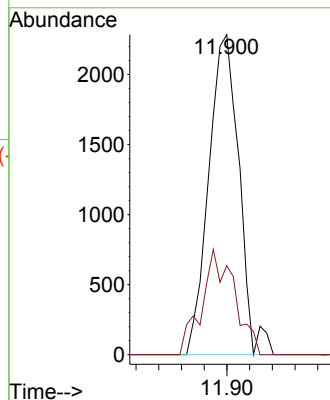
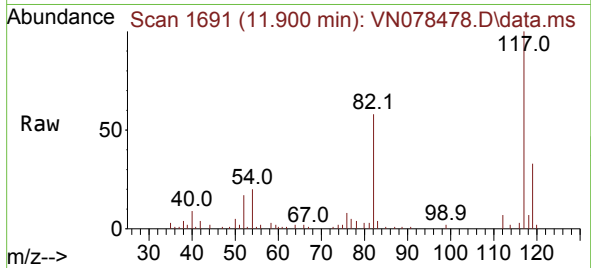




#65
Chlorobenzene
Concen: 0.300 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

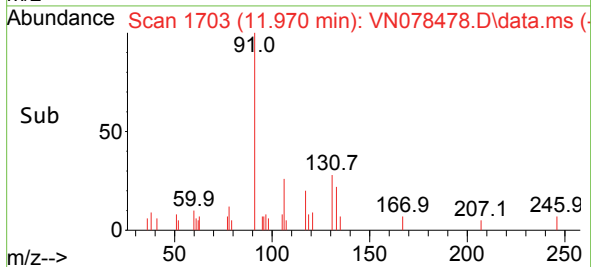
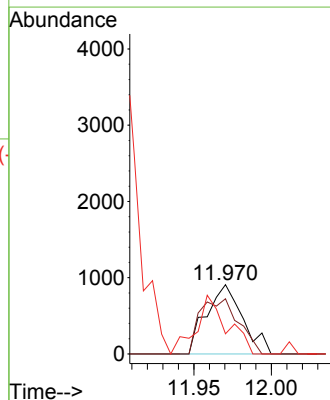
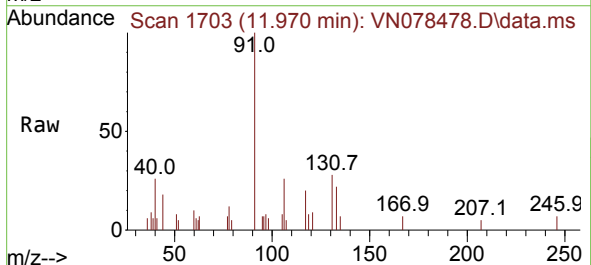
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

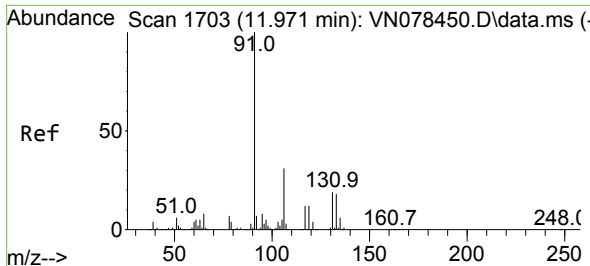
Tgt Ion:112 Resp: 4240
Ion Ratio Lower Upper
112 100
114 27.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.272 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion:131 Resp: 1480
Ion Ratio Lower Upper
131 100
133 84.8 46.4 139.1
119 0.0 34.1 102.2#

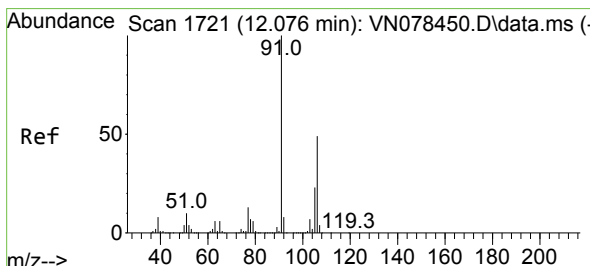
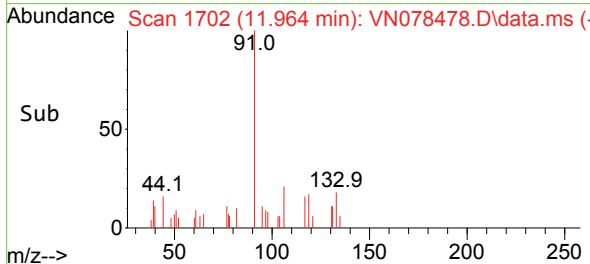
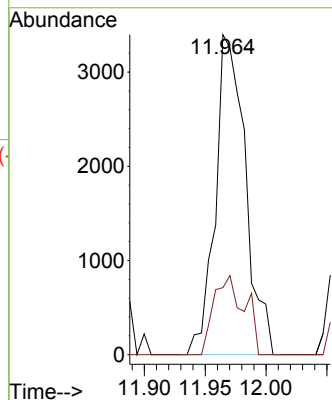
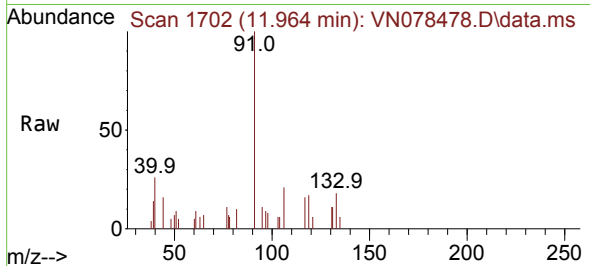




#67
Ethyl Benzene
Concen: 0.244 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.007 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

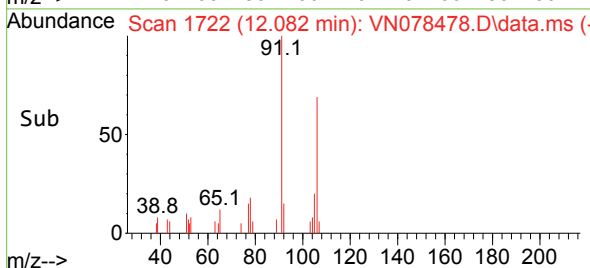
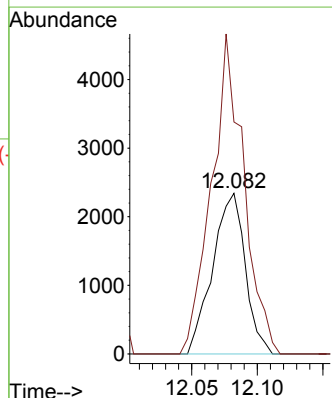
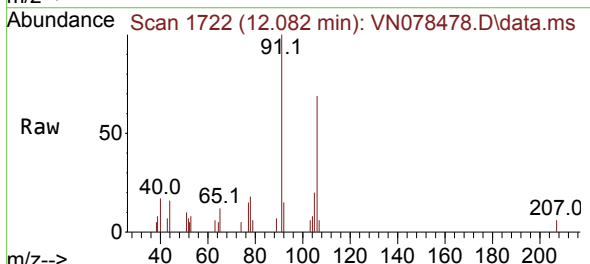
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

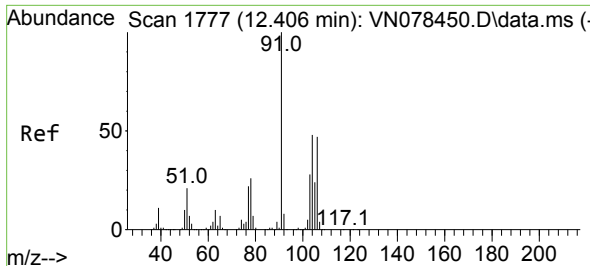
Tgt Ion: 91 Resp: 5831
Ion Ratio Lower Upper
91 100
106 21.0 25.6 38.4#



#68
m/p-Xylenes
Concen: 0.458 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 106 Resp: 4048
Ion Ratio Lower Upper
106 100
91 197.3 159.6 239.4

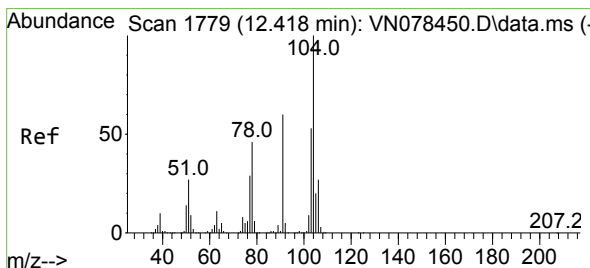
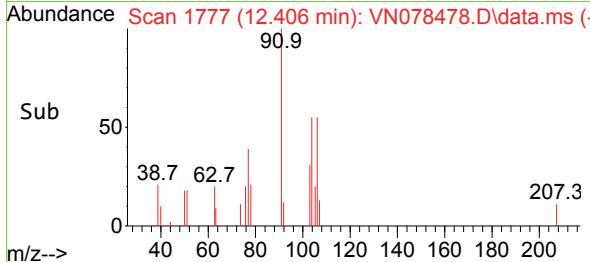
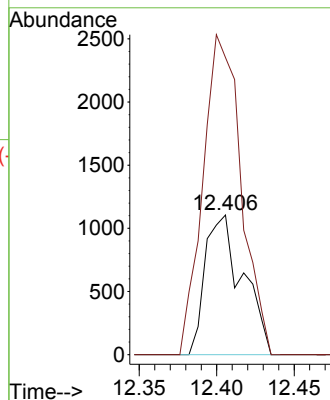
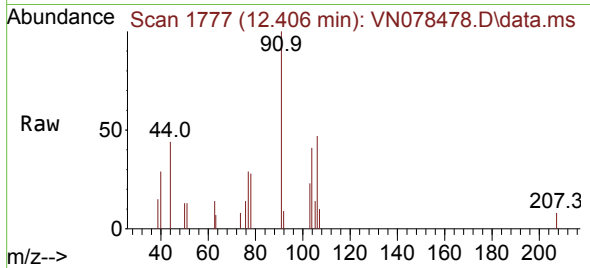




#69
o-Xylene
Concen: 0.209 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

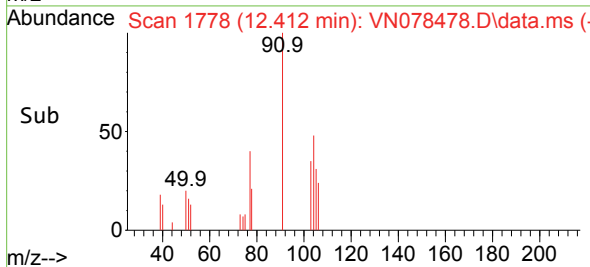
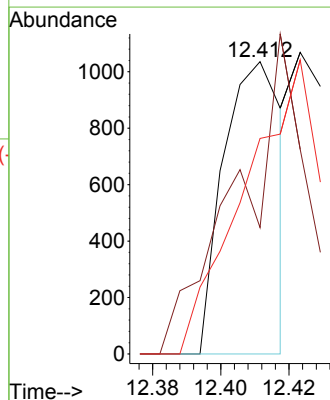
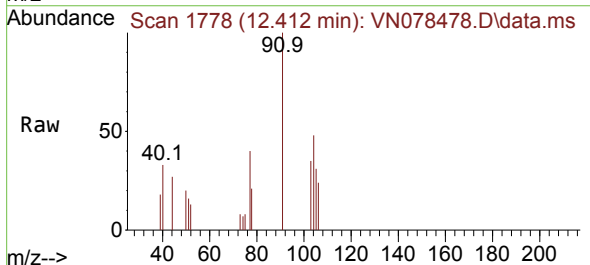
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

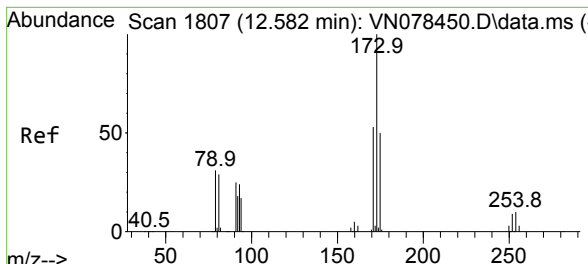
Tgt Ion:106 Resp: 1862
Ion Ratio Lower Upper
106 100
91 233.8 105.2 315.5



#70
Styrene
Concen: 0.089 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion:104 Resp: 1239
Ion Ratio Lower Upper
104 100
78 142.9 39.5 59.3#
103 123.3 43.2 64.8#

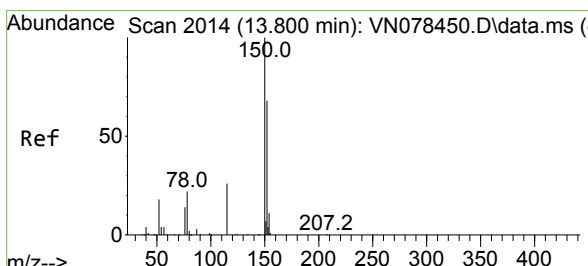
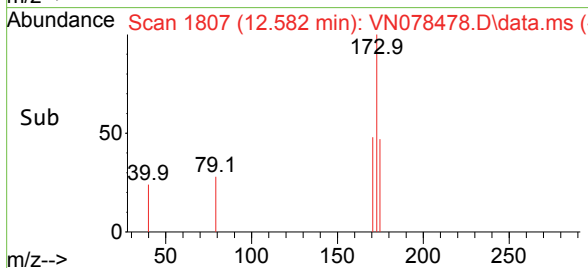
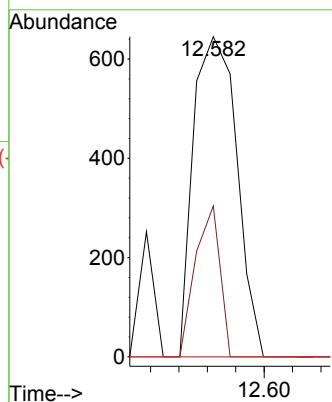
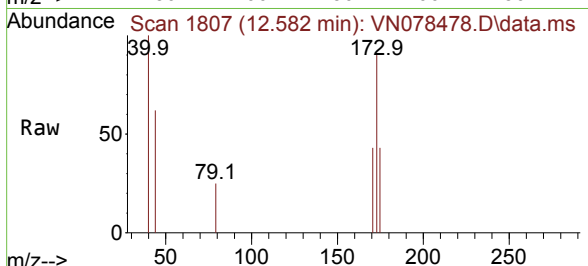




#71
Bromoform
Concen: 0.186 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

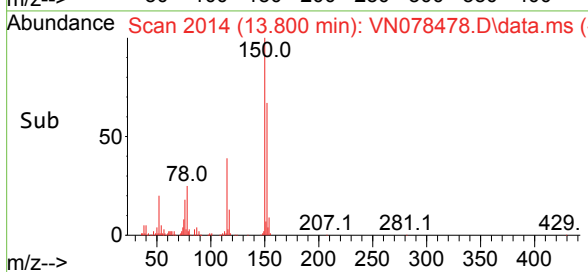
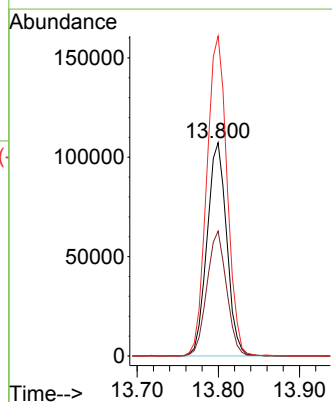
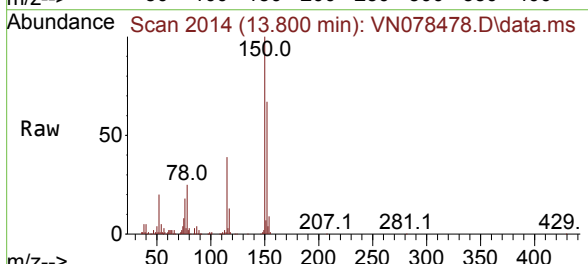
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

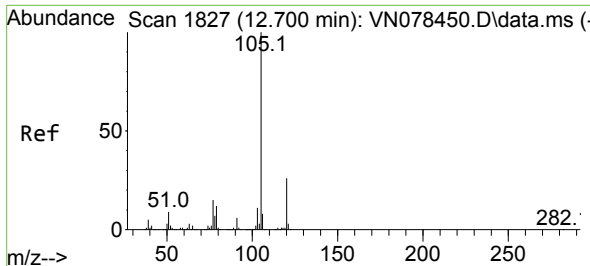
Tgt Ion:173 Resp: 684
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion:152 Resp: 180114
Ion Ratio Lower Upper
152 100
115 58.8 32.3 96.8
150 155.2 0.0 355.8

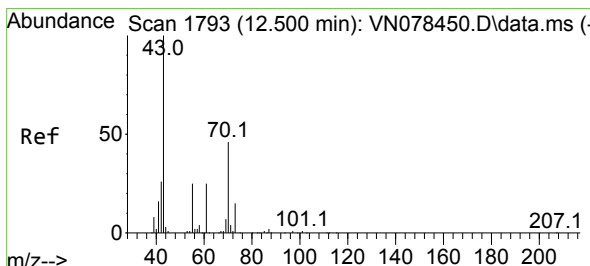
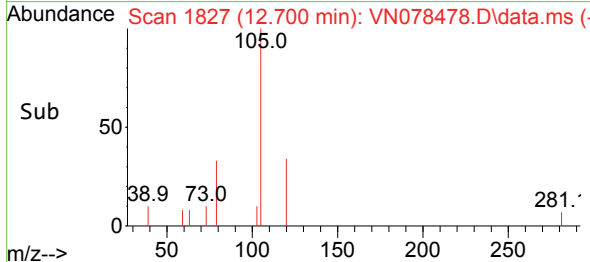
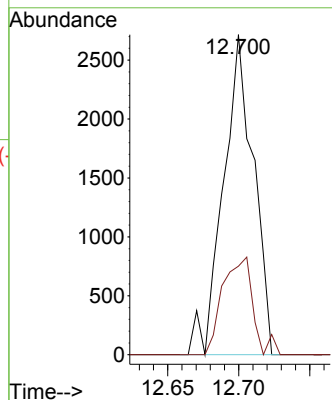
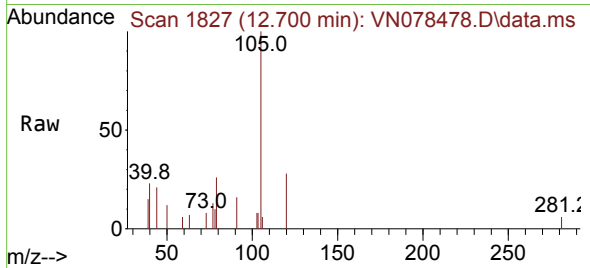




#73
Isopropylbenzene
Concen: 0.237 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

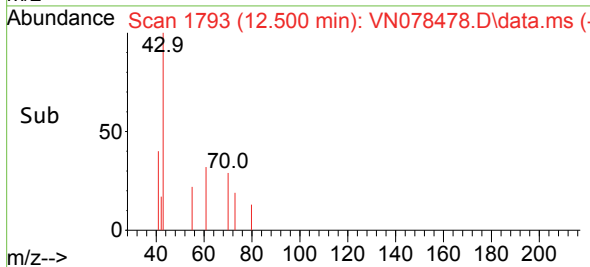
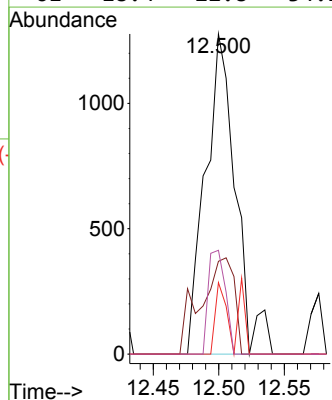
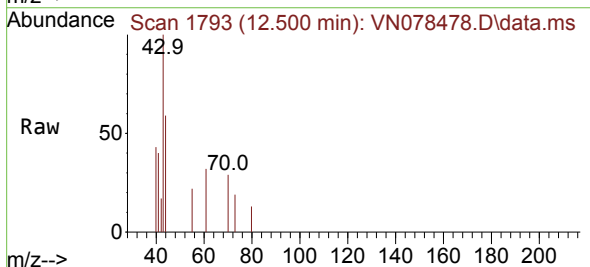
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

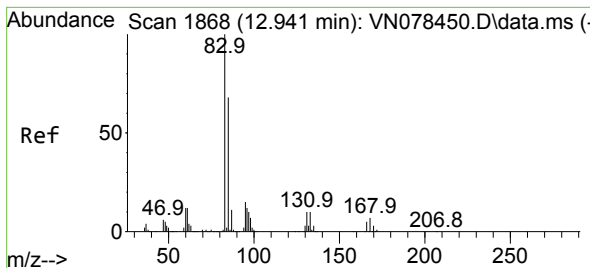
Tgt Ion:105 Resp: 4017
Ion Ratio Lower Upper
105 100
120 30.6 13.1 39.1



#74
N-ethyl acetate
Concen: 0.350 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
70 33.5 43.4 65.2#
55 8.2 21.4 32.0#
61 18.4 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.340 ug/l

RT: 12.953 min Scan# 1870

Delta R.T. 0.012 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

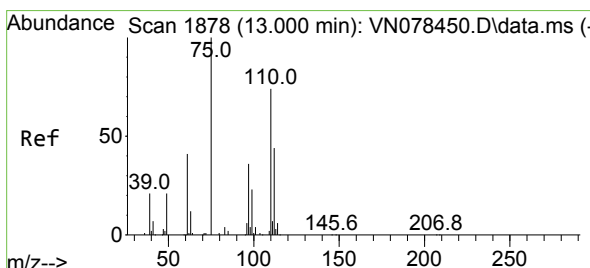
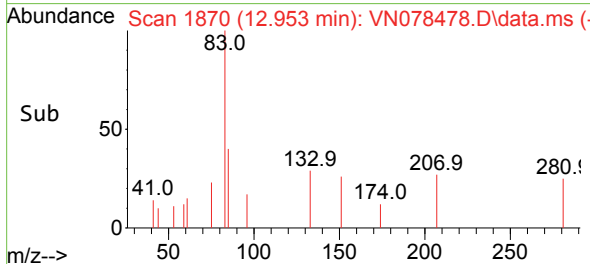
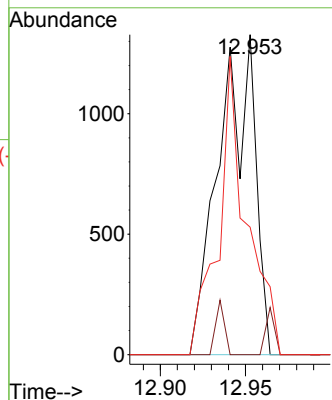
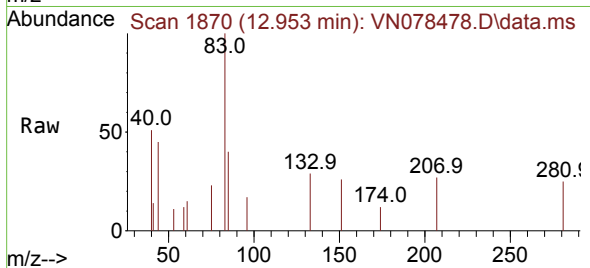
Tgt Ion: 83 Resp: 1941

Ion Ratio Lower Upper

83 100

131 3.6 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 32.061 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078478.D

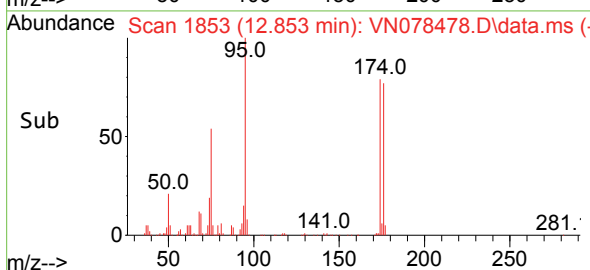
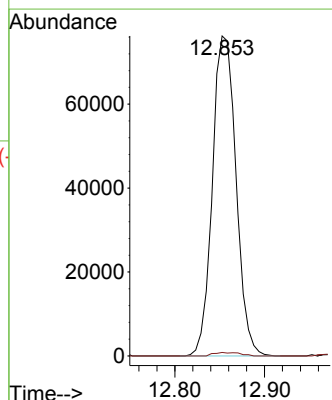
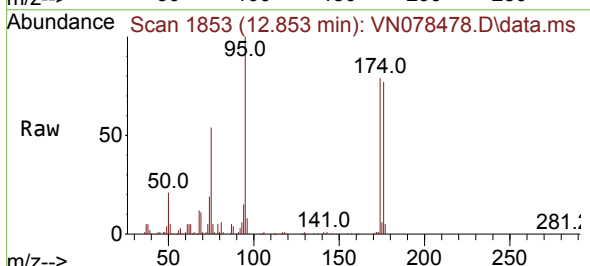
Acq: 12 Jul 2023 13:29

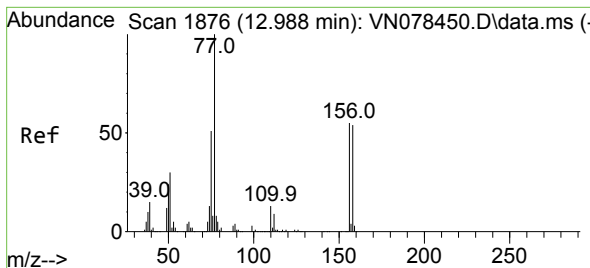
Tgt Ion: 75 Resp: 139580

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#





#77

Bromobenzene

Concen: 0.363 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

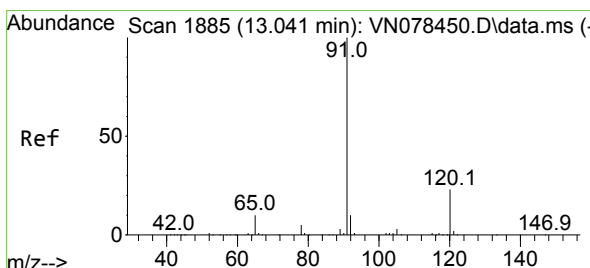
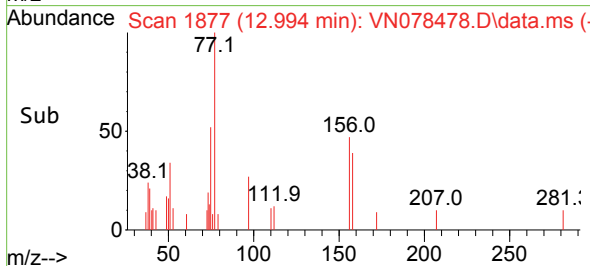
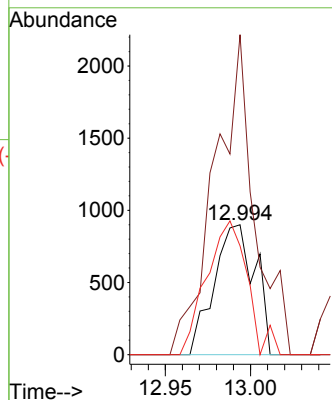
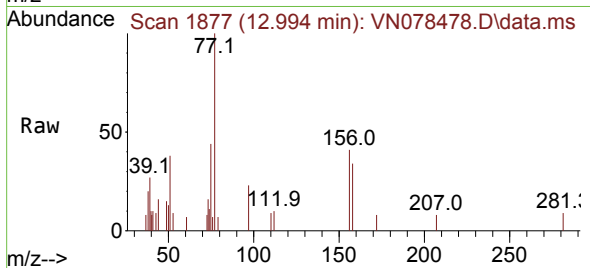
Tgt Ion:156 Resp: 1508

Ion Ratio Lower Upper

156 100

77 238.1 107.7 323.3

158 102.3 48.4 145.3



#78

n-propylbenzene

Concen: 0.277 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN078478.D

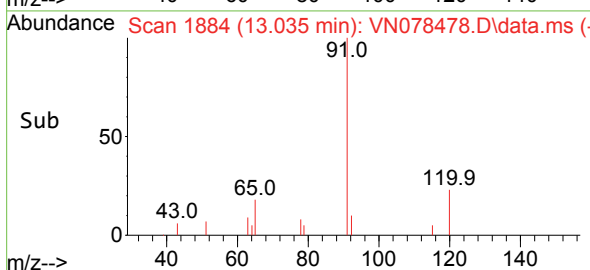
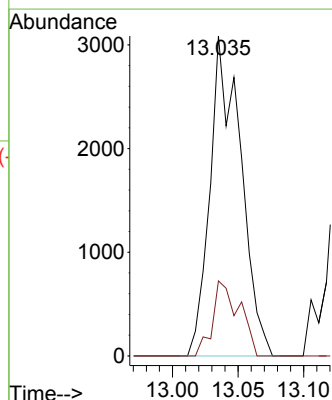
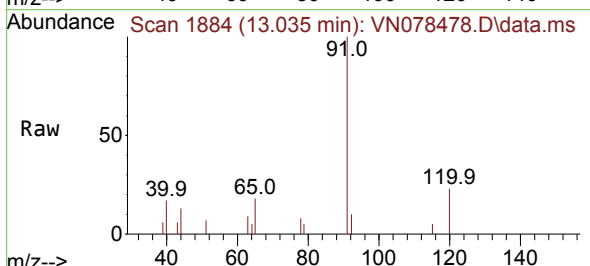
Acq: 12 Jul 2023 13:29

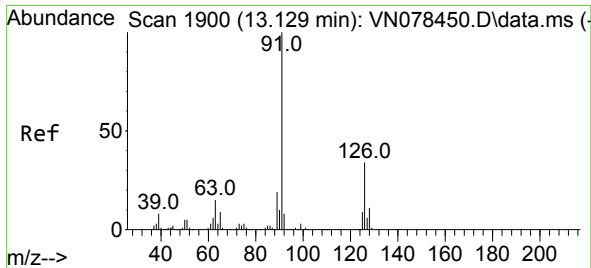
Tgt Ion: 91 Resp: 5019

Ion Ratio Lower Upper

91 100

120 20.4 11.5 34.4

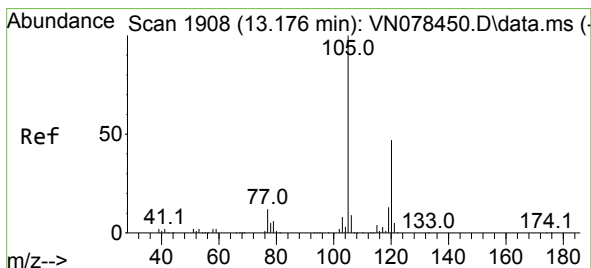
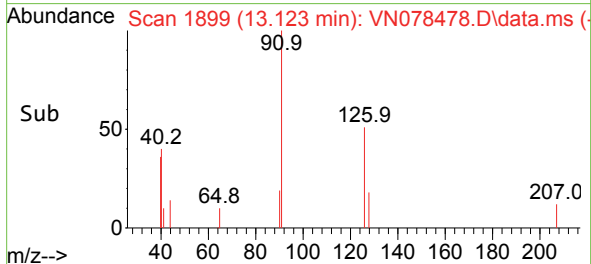
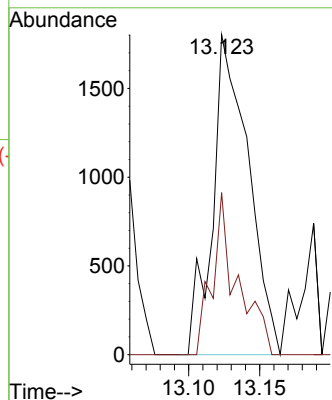
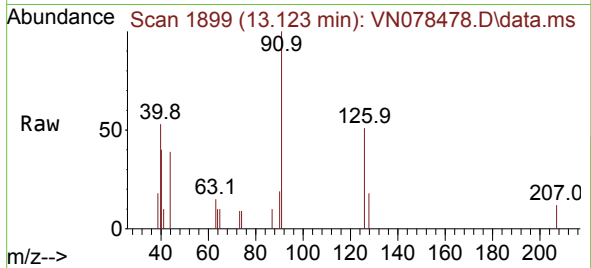




#79
2-Chlorotoluene
Concen: 0.267 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

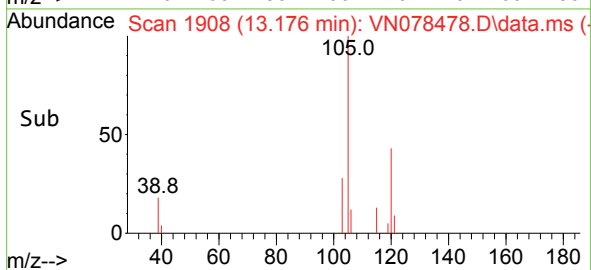
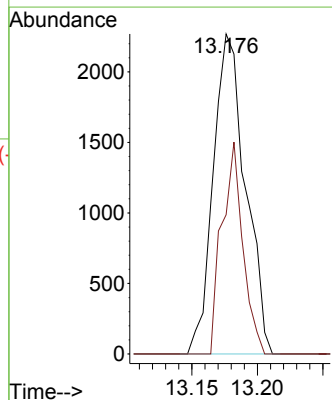
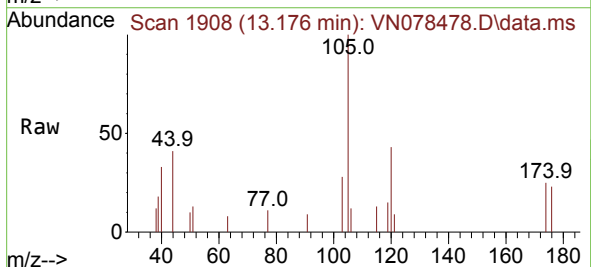
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

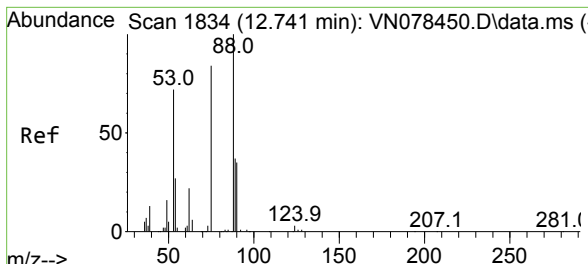
Tgt Ion: 91 Resp: 3167
Ion Ratio Lower Upper
91 100
126 35.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.290 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 105 Resp: 3879
Ion Ratio Lower Upper
105 100
120 42.9 24.1 72.3

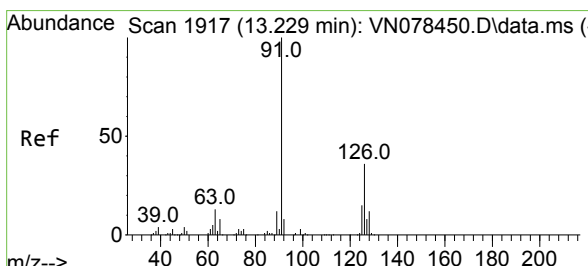
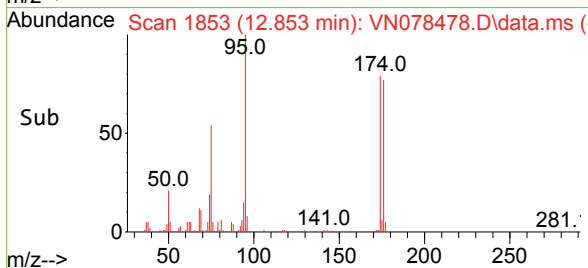
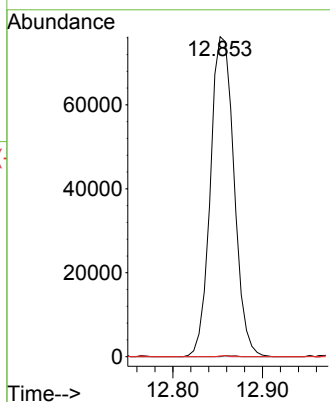
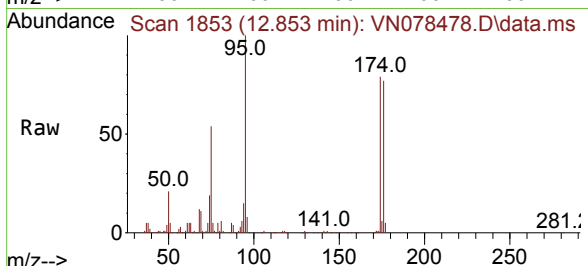




#81
trans-1,4-Dichloro-2-butene
Concen: 84.250 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

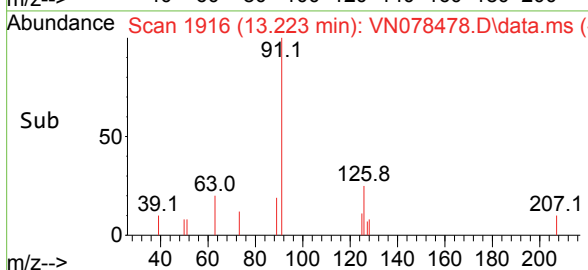
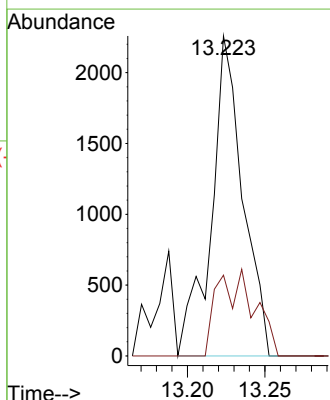
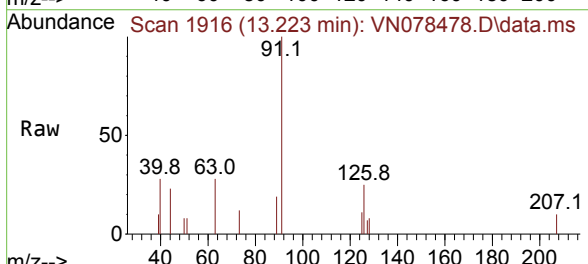
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

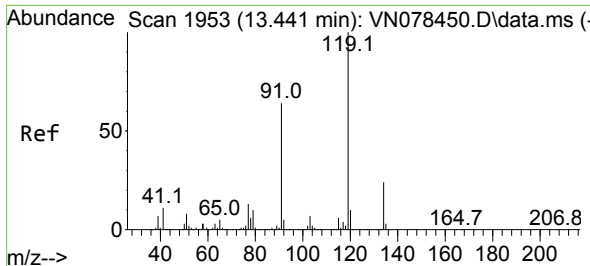
Tgt Ion:	75	Resp:	139580
Ion Ratio	Lower	Upper	
75	100		
53	0.2	67.4	101.2#
89	0.1	38.8	58.2#



#82
4-Chlorotoluene
Concen: 0.288 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion:	91	Resp:	3186
Ion Ratio	Lower	Upper	
91	100		
126	31.9	16.7	50.0

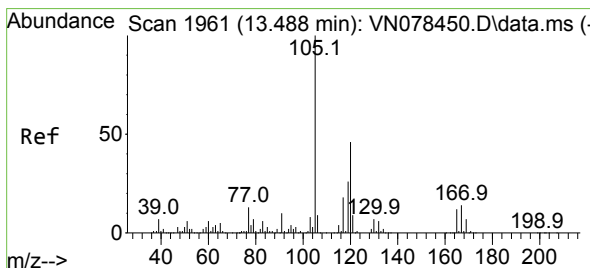
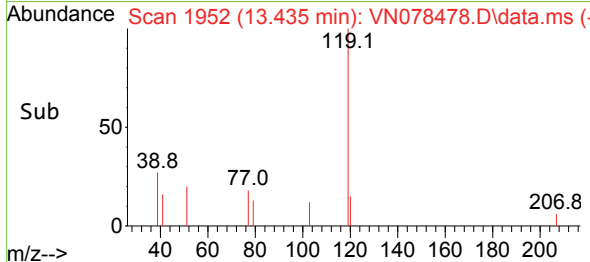
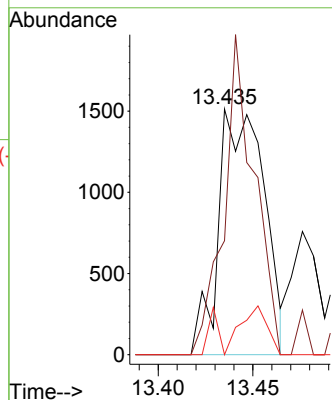
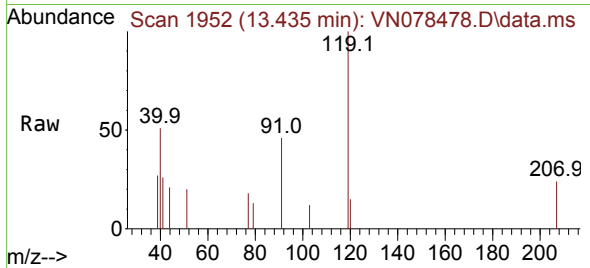




#83
tert-Butylbenzene
Concen: 0.224 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

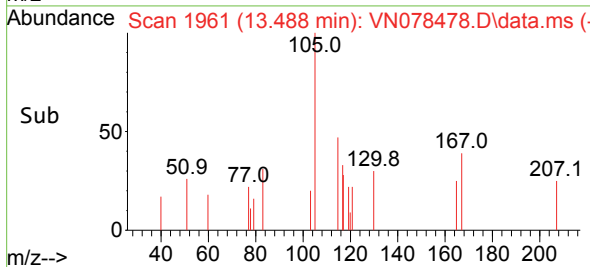
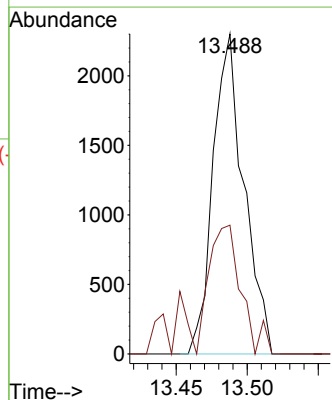
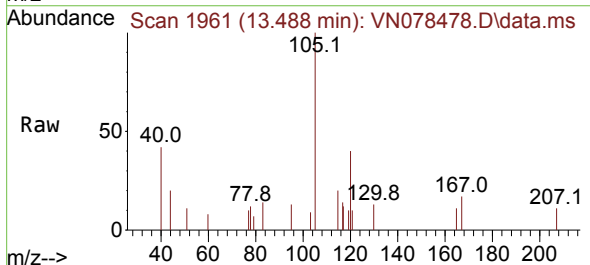
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

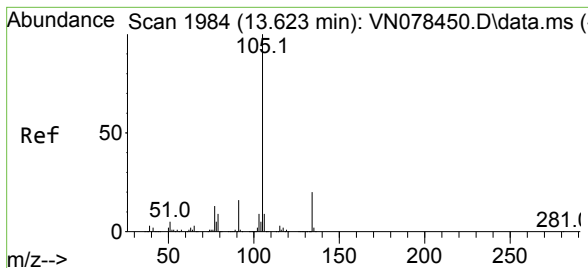
Tgt Ion:119 Resp: 2547
Ion Ratio Lower Upper
119 100
91 86.3 33.9 101.7
134 4.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.267 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion:105 Resp: 3465
Ion Ratio Lower Upper
105 100
120 42.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.256 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

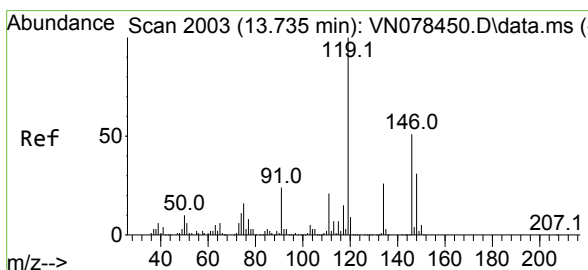
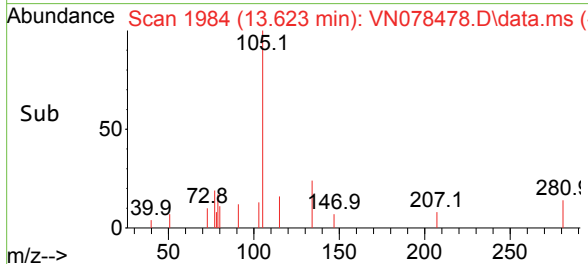
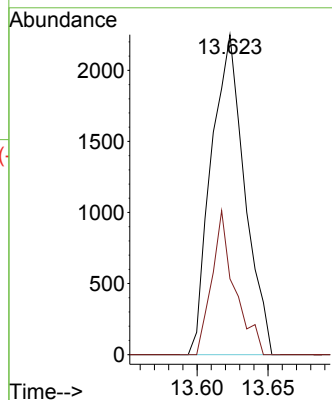
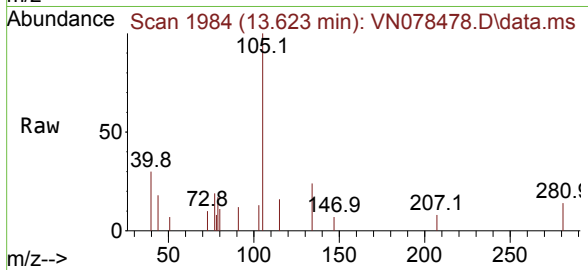
MDL-WATER-03-QT3-2023

Tgt Ion:105 Resp: 3676

Ion Ratio Lower Upper

105 100

134 30.8 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 0.216 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

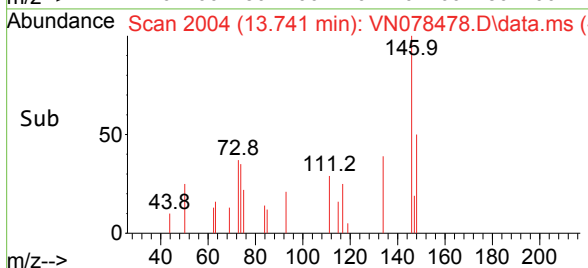
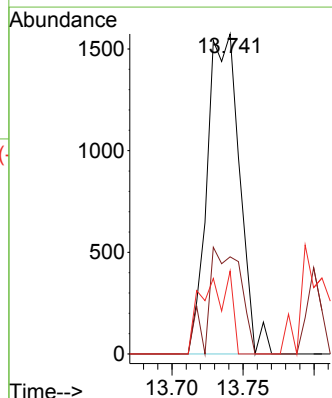
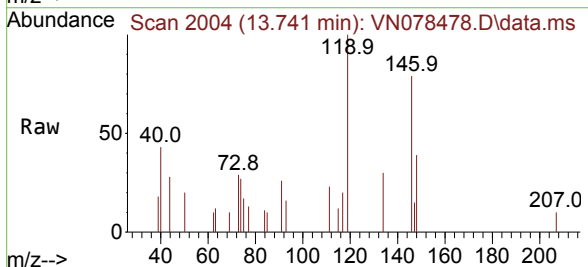
Tgt Ion:119 Resp: 2488

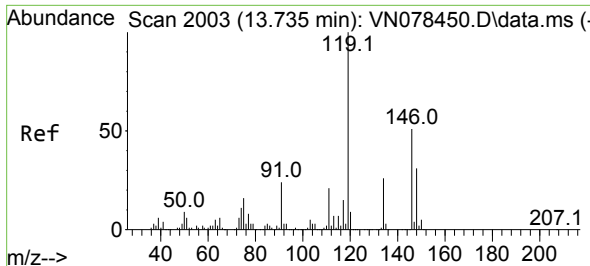
Ion Ratio Lower Upper

119 100

134 33.2 12.6 37.8

91 22.2 12.4 37.2

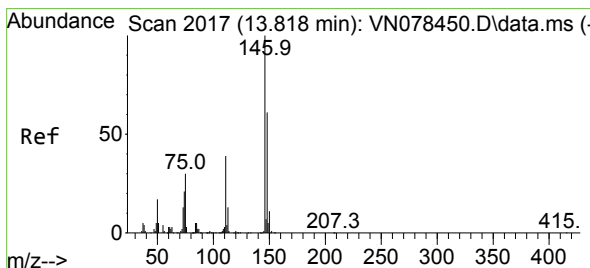
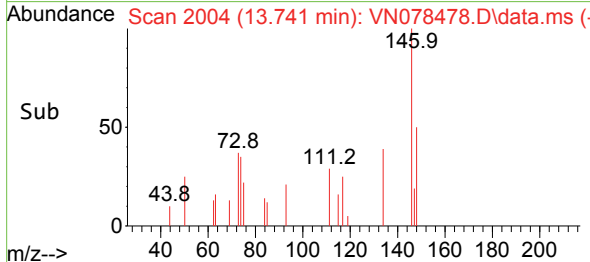
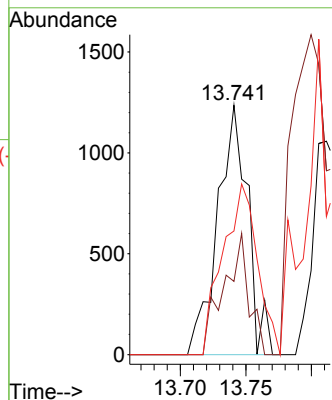
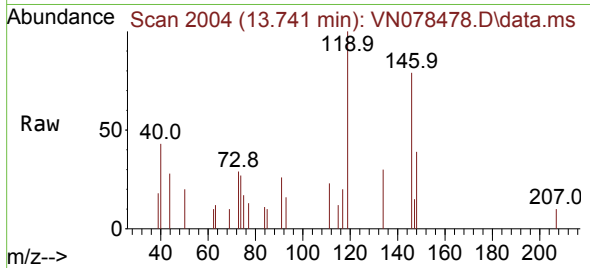




#87
1,3-Dichlorobenzene
Concen: 0.304 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

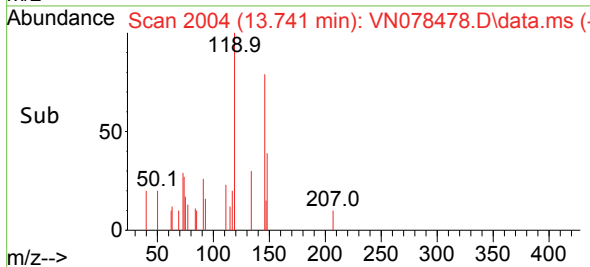
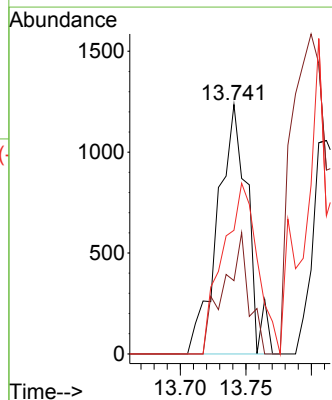
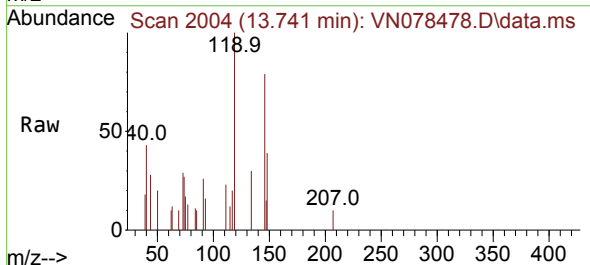
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

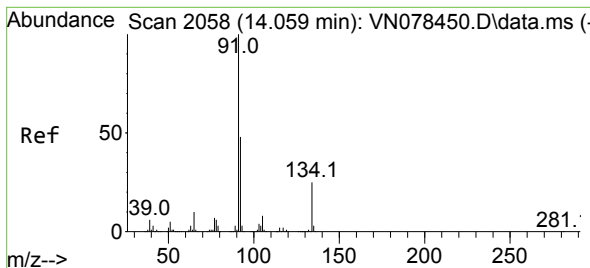
Tgt Ion:146 Resp: 1973
Ion Ratio Lower Upper
146 100
111 40.6 22.1 66.3
148 78.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.301 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.077 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion:146 Resp: 1973
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 78.8 31.6 94.8





#89

n-Butylbenzene

Concen: 0.287 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.001 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

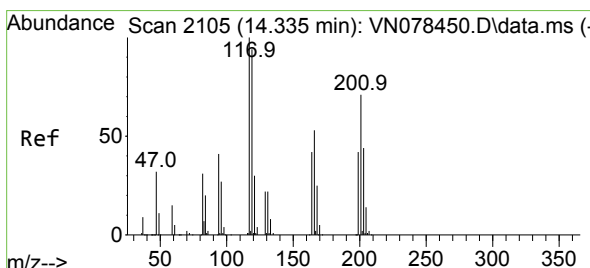
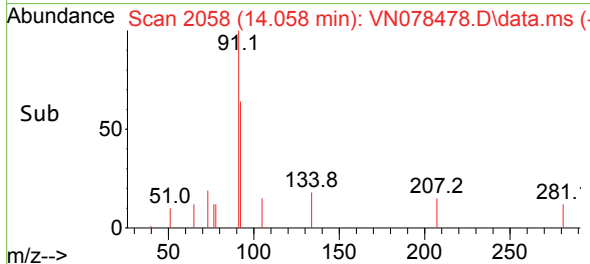
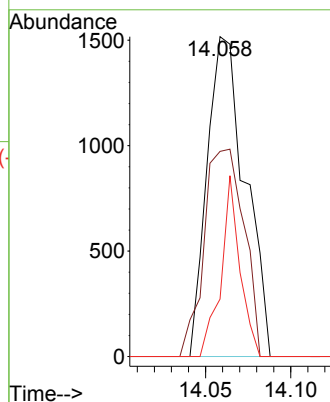
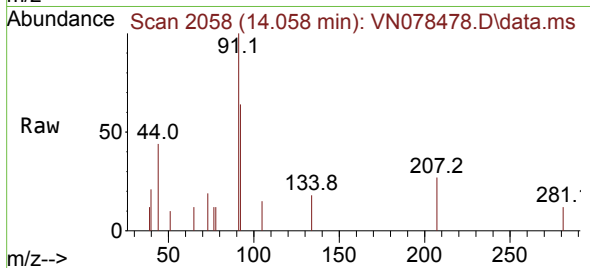
Tgt Ion: 91 Resp: 2365

Ion Ratio Lower Upper

91 100

92 67.6 26.4 79.0

134 27.9 12.6 37.6



#90

Hexachloroethane

Concen: 0.322 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN078478.D

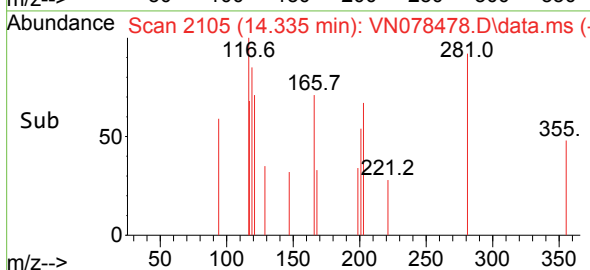
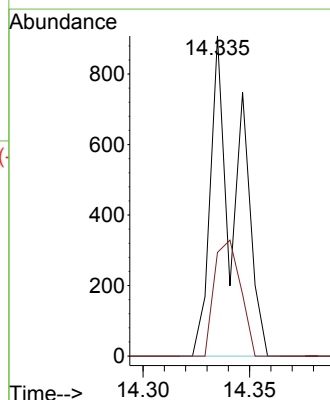
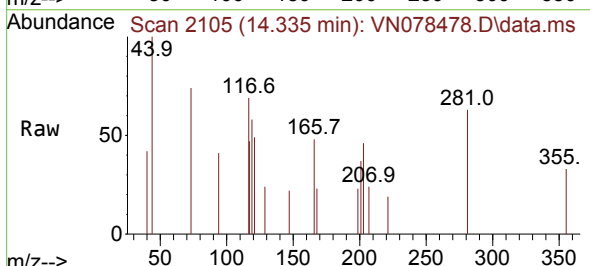
Acq: 12 Jul 2023 13:29

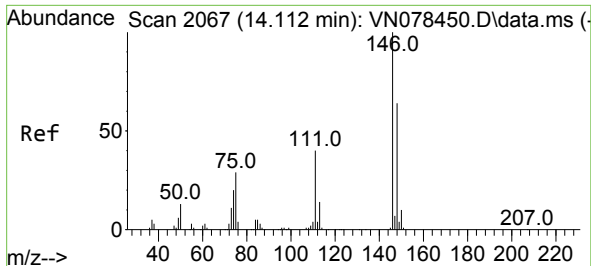
Tgt Ion: 117 Resp: 785

Ion Ratio Lower Upper

117 100

201 35.9 29.3 88.0

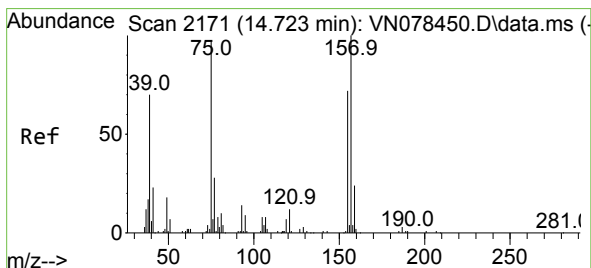
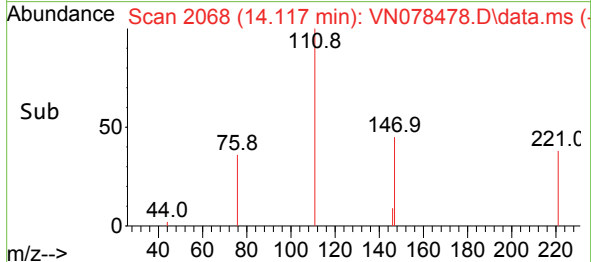
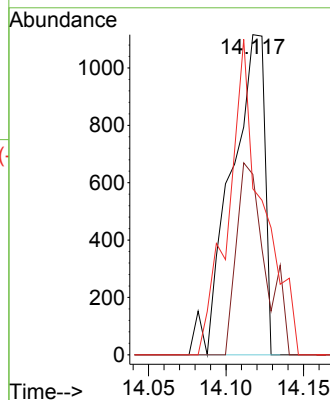
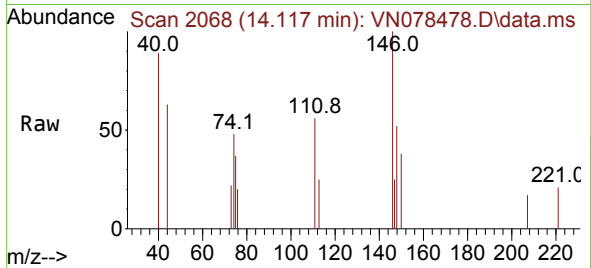




#91
1,2-Dichlorobenzene
Concen: 0.261 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.005 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

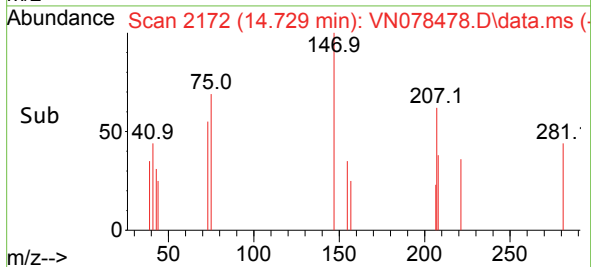
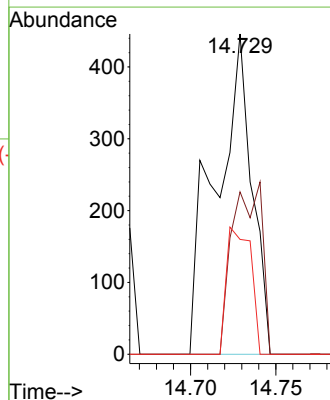
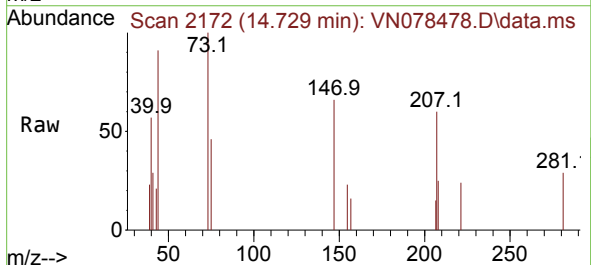
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

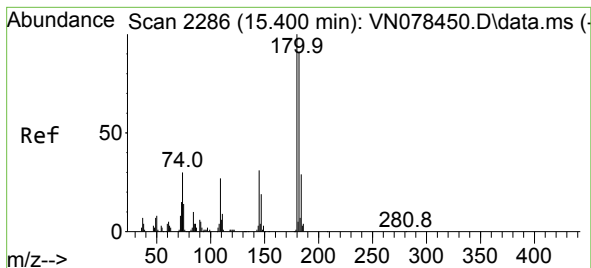
Tgt Ion:146 Resp: 1686
Ion Ratio Lower Upper
146 100
111 51.4 22.0 66.0
148 99.6 31.8 95.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.697 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078478.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 75 Resp: 657
Ion Ratio Lower Upper
75 100
155 44.0 39.1 117.2
157 26.6 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.361 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

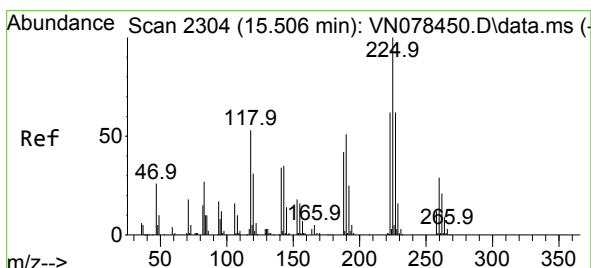
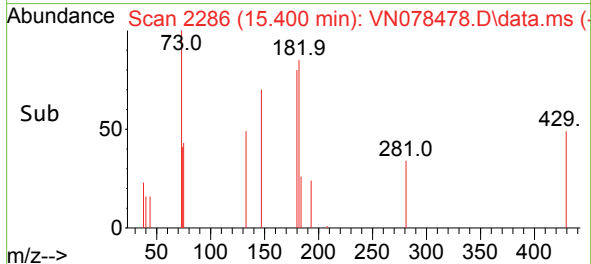
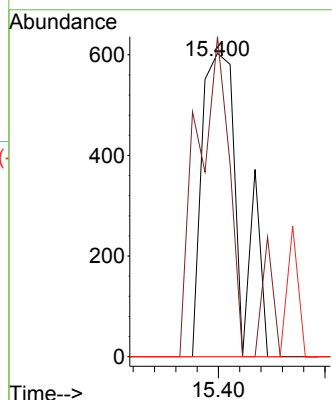
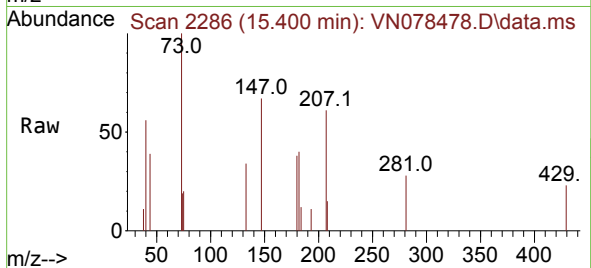
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:180	Resp:	744
Ion Ratio	Lower	Upper
180	100	
182	88.8	46.1 138.2
145	0.0	16.6 49.8#



#94

Hexachlorobutadiene

Concen: 0.566 ug/l

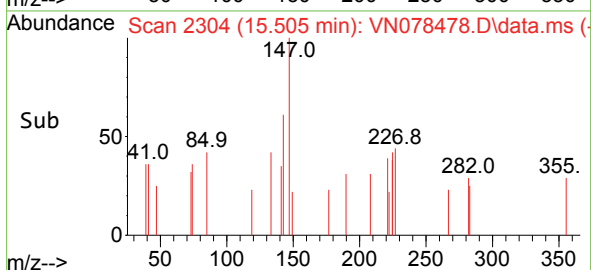
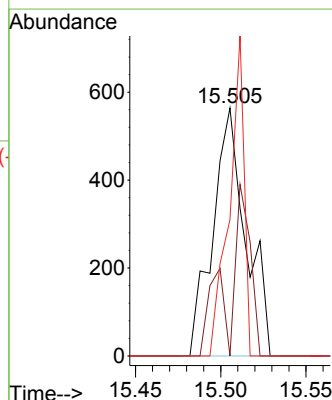
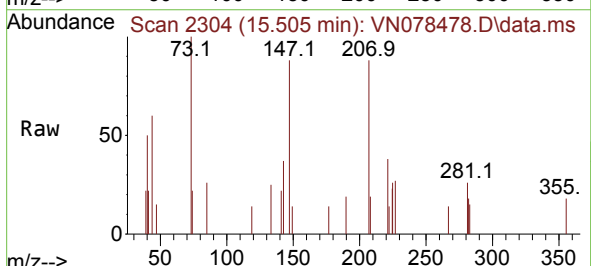
RT: 15.505 min Scan# 2304

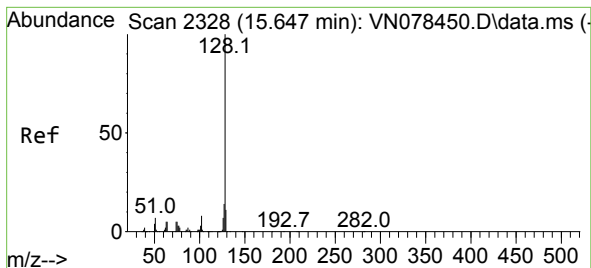
Delta R.T. -0.001 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Tgt Ion:225	Resp:	764
Ion Ratio	Lower	Upper
225	100	
223	46.6	31.3 93.8
227	57.6	31.9 95.9





#95

Naphthalene

Concen: 0.591 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

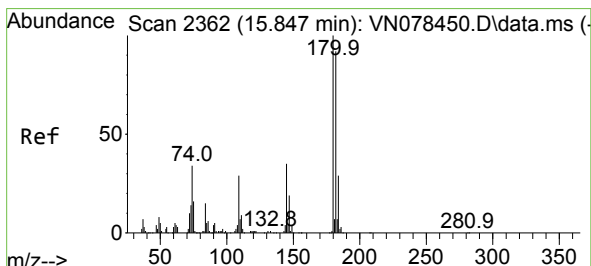
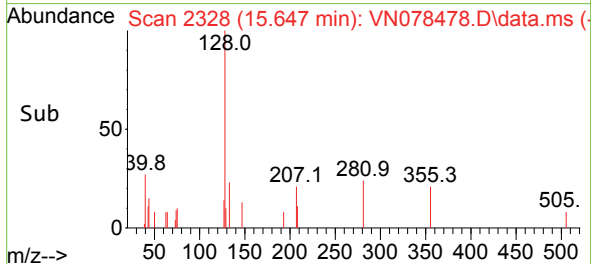
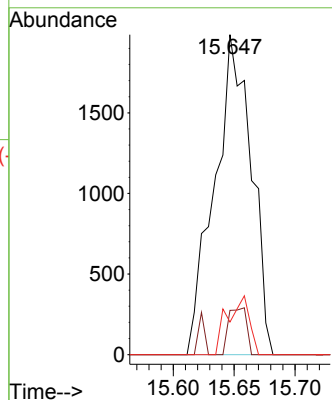
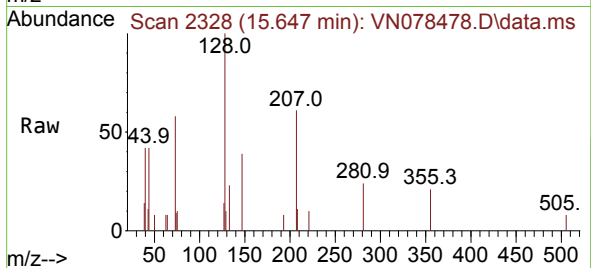
Tgt Ion:128 Resp: 4172

Ion Ratio Lower Upper

128 100

127 7.1 10.0 15.0#

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.506 ug/l

RT: 15.852 min Scan# 2363

Delta R.T. 0.005 min

Lab File: VN078478.D

Acq: 12 Jul 2023 13:29

Tgt Ion:180 Resp: 1201

Ion Ratio Lower Upper

180 100

182 74.4 46.2 138.6

145 0.0 17.5 52.6#

