

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101322\
 Data File : VN074893.D
 Acq On : 13 Oct 2022 13:26
 Operator : JC\MD
 Sample : N4955-09 2.5 MDL
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2022DL

Quant Time: Oct 14 05:04:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.829	128	75735	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	412901	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	359198	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	215888	30.448	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.500%	
60) 4-Bromofluorobenzene	12.853	95	165258	25.944	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 86.467%	
63) Toluene-d8	10.570	98	647330	31.225	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 104.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.147	85	13316	3.166	ug/l	90
3) Chloromethane	2.383	50	20571	3.024	ug/l	90
4) Vinyl Chloride	2.530	62	27636	2.759	ug/l #	65
6) Chloroethane	3.136	64	7082	0.943	ug/l #	85
7) Trichlorofluoromethane	3.518	101	15363	2.058	ug/l #	82
8) Diethyl Ether	3.988	74	9548	2.742	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	7485	1.593	ug/l	46
10) 1,1-Dichloroethene	4.359	96	10078	2.180	ug/l #	80
11) Methyl Iodide	4.606	142	5826	1.010	ug/l #	46
12) Methyl Acetate	5.059	43	31094	2.791	ug/l #	58
13) Acrolein	4.206	56	8189	5.202	ug/l	87
14) Acrylonitrile	5.741	53	54249	13.056	ug/l	64
15) Acetone	4.459	58	10221	8.976	ug/l	82
16) Carbon Disulfide	4.735	76	29323	2.469	ug/l	97
17) Allyl chloride	5.018	41	3763	0.409	ug/l	71
18) Methylene Chloride	5.300	84	19648	3.278	ug/l	88
19) trans-1,2-Dichloroethene	5.806	96	7176	1.414	ug/l	81
20) Diisopropyl ether	6.688	45	23767	1.106	ug/l #	51
21) 1,1-Dichloroethane	6.582	63	18302	1.675	ug/l #	87
22) cis-1,2-Dichloroethene	7.506	96	11607	1.827	ug/l	86
23) tert-Butyl Alcohol	5.565	59	1761	1.006	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	25308	1.311	ug/l	92
25) Chloroform	7.976	83	29411	2.710	ug/l #	71
26) Cyclohexane	8.271	56	22836	2.379	ug/l #	93
29) 1,1-Dichloropropene	8.371	75	7189	0.965	ug/l #	46
30) 2-Butanone	7.500	43	80733	13.582	ug/l	95
31) 2,2-Dichloropropane	7.506	77	7395	0.811	ug/l #	52
32) 1,1,1-Trichloroethane	8.188	97	9337	1.045	ug/l #	24
33) Carbon Tetrachloride	8.376	117	18268	2.490	ug/l #	71
34) Benzene	8.612	78	39723	1.613	ug/l #	80
35) Methacrylonitrile	7.788	41	10607	1.736	ug/l	72
36) 1,2-Dichloroethane	8.682	62	22613	2.757	ug/l #	84
37) Trichloroethene	9.353	130	10855	2.119	ug/l #	60
39) 1,2-Dichloropropane	9.623	63	16360	2.563	ug/l	96
40) Dibromomethane	9.723	93	10244	2.422	ug/l	90
41) Bromodichloromethane	9.900	83	22602	2.743	ug/l #	78
42) Vinyl Acetate	6.624	43	191114	10.793	ug/l #	94
43) Ethyl Acetate	7.624	43	2418	0.209	ug/l	95
44) Isopropyl Acetate	8.694	43	43817	2.452	ug/l	93

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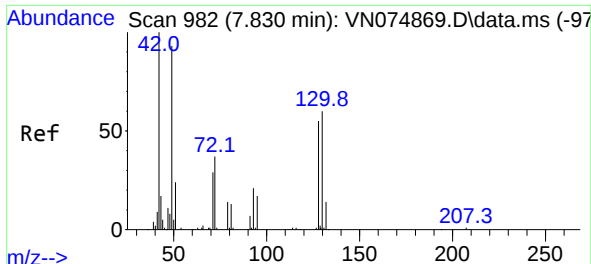
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,4-Dioxane	9.694	88	3857	23.535	ug/l #	31
46) Methyl methacrylate	9.682	41	18772	2.425	ug/l	72
47) n-amyl Acetate	12.500	43	29725	1.901	ug/l	95
49) cis-1,3-Dichloropropene	10.317	75	23330	2.328	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	16207	2.603	ug/l	95
51) Ethyl methacrylate	10.882	69	23221	2.194	ug/l	91
52) 1,3-Dichloropropane	11.170	76	24760	2.304	ug/l	93
53) Dibromochloromethane	11.364	129	14661	2.404	ug/l	76
54) 1,2-Dibromoethane	11.470	107	16717	2.795	ug/l	85
55) 2-Chloroethyl vinyl ether	10.165	63	39374	9.509	ug/l #	80
56) Bromoform	12.582	173	8907	2.027	ug/l #	95
58) 4-Methyl-2-Pentanone	10.447	43	141604	12.676	ug/l	98
59) 2-Hexanone	11.200	43	105043	12.218	ug/l	94
61) Tetrachloroethene	11.106	164	9518	2.486	ug/l #	76
62) Toluene	10.629	91	65542	2.641	ug/l	97
64) Chlorobenzene	11.894	112	41311	2.929	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.964	131	14041	2.643	ug/l	93
66) Ethyl Benzene	11.970	91	61539	2.280	ug/l	97
67) m/p-Xylenes	12.076	106	45931	4.531	ug/l	92
68) o-Xylene	12.400	106	23672	2.297	ug/l	99
69) Styrene	12.417	104	35875	2.127	ug/l	97
70) Isopropylbenzene	12.700	105	58059	2.185	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	26398	2.655	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	20290	2.429	ug/l #	1
73) Bromobenzene	12.988	156	13864	2.489	ug/l	87
74) n-propylbenzene	13.035	91	66397	2.143	ug/l	98
75) 2-Chlorotoluene	13.129	91	42559	2.348	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	44514	2.061	ug/l	99
77) t-1,4-Dichloro-2-butene	12.747	75	2639	0.760	ug/l	84
78) 4-Chlorotoluene	13.223	91	34962	2.021	ug/l	93
79) tert-butylbenzene	13.441	119	42408	2.207	ug/l	95
80) 1,2,4-Trimethylbenzene	13.488	105	43029	1.980	ug/l	91
81) sec-Butylbenzene	13.617	105	55188	1.999	ug/l	94
82) p-Isopropyltoluene	13.735	119	42781	1.950	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	21925	2.018	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	24433	2.341	ug/l	89
85) n-Butylbenzene	14.053	91	35193	1.817	ug/l	96
86) Hexachloroethane	14.335	117	9626	2.240	ug/l	90
87) 1,2-Dichlorobenzene	14.111	146	23954	2.220	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	3357	1.673	ug/l #	65
89) 1,2,4-Trichlorobenzene	15.399	180	8361	1.697	ug/l #	74
90) Hexachlorobutadiene	15.494	225	6929	2.884	ug/l #	43
91) Naphthalene	15.641	128	34211	1.750	ug/l #	91
92) 1,2,3-Trichlorobenzene	15.835	180	8932	1.733	ug/l	79

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

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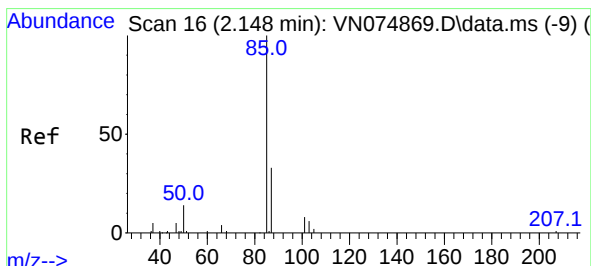
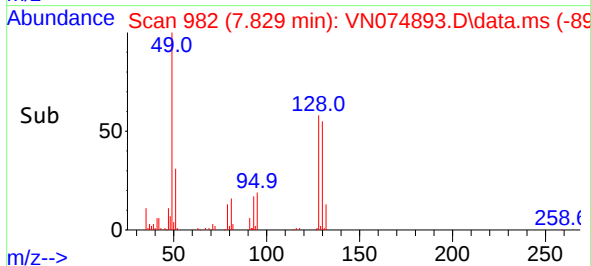
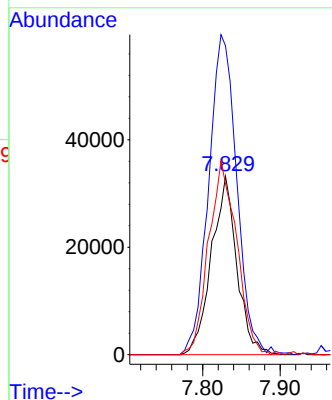
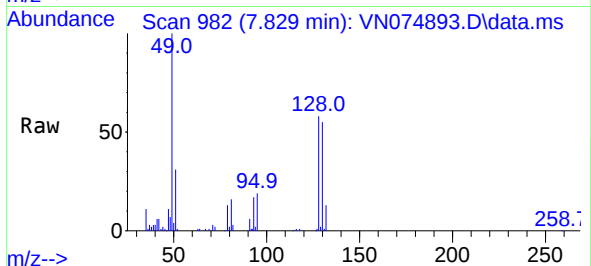




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.829 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

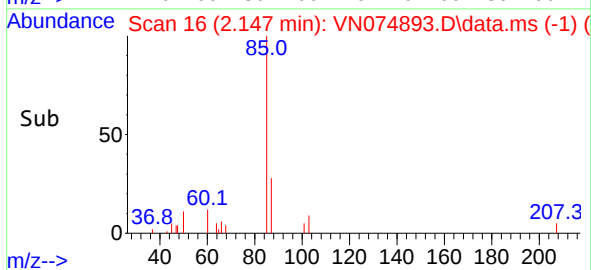
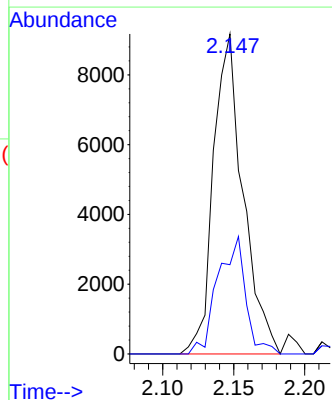
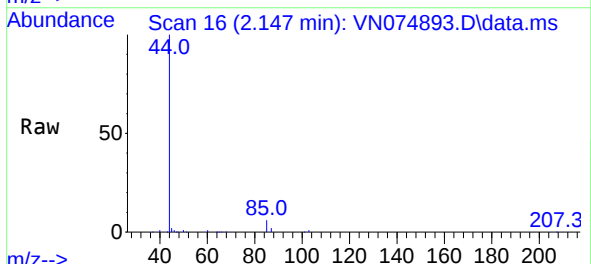
Instrument :
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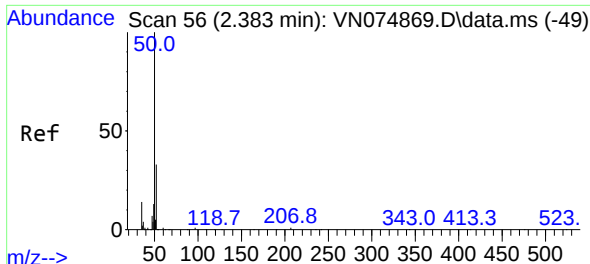
Tgt Ion:128 Resp: 75735
Ion Ratio Lower Upper
128 100
49 197.3 0.0 492.0
130 120.5 0.0 313.3



#2
Dichlorodifluoromethane
Concen: 3.166 ug/l
RT: 2.147 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 85 Resp: 13316
Ion Ratio Lower Upper
85 100
87 27.9 16.7 50.1

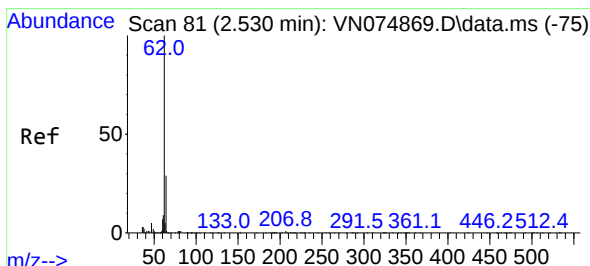
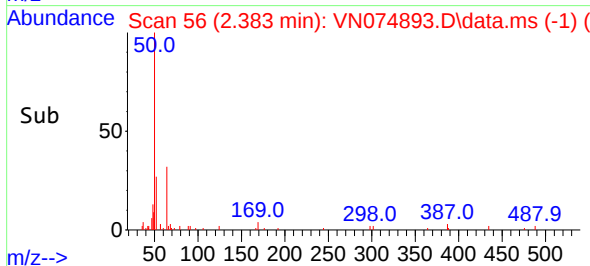
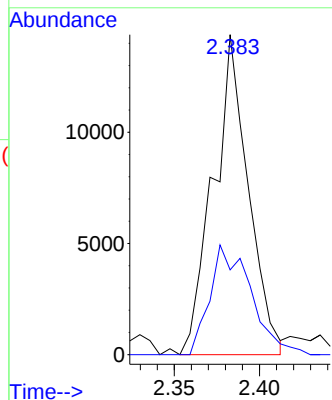
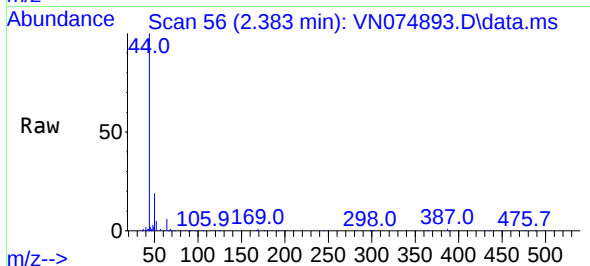




#3
Chloromethane
Concen: 3.024 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

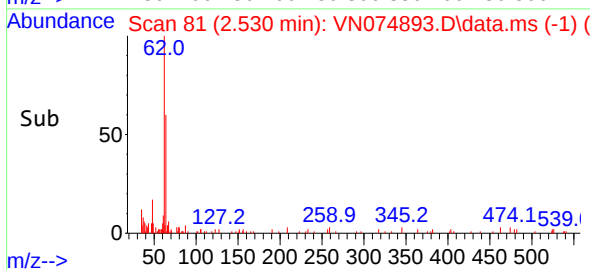
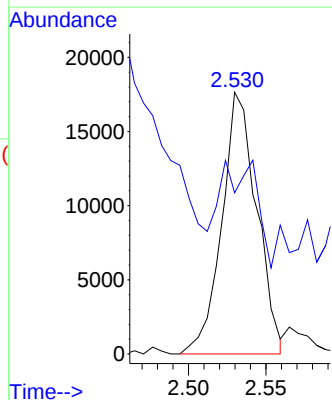
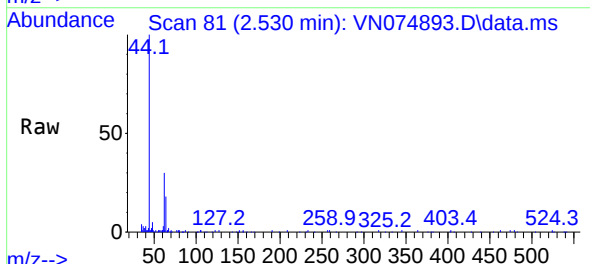
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

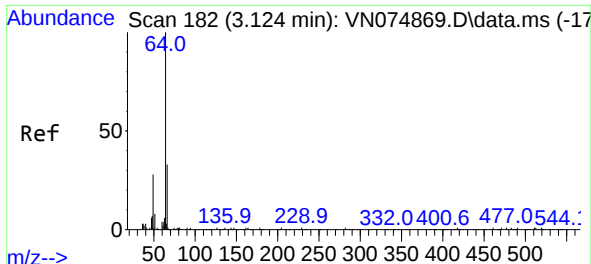
Tgt Ion: 50 Resp: 20571
Ion Ratio Lower Upper
50 100
52 26.5 25.5 38.3



#4
Vinyl Chloride
Concen: 2.759 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 62 Resp: 27636
Ion Ratio Lower Upper
62 100
64 12.4 25.6 38.4#

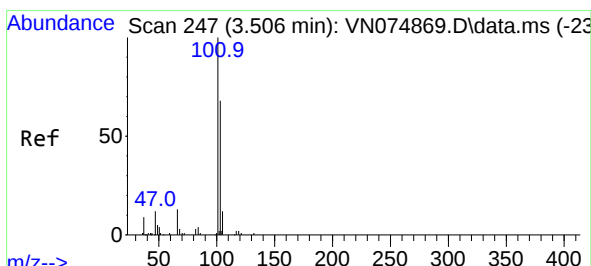
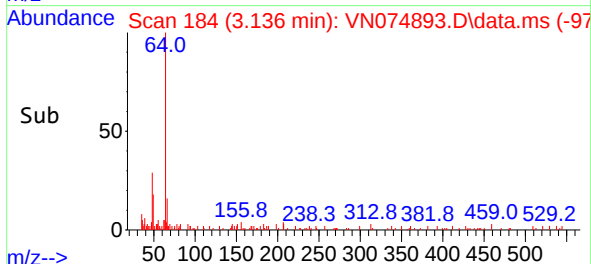
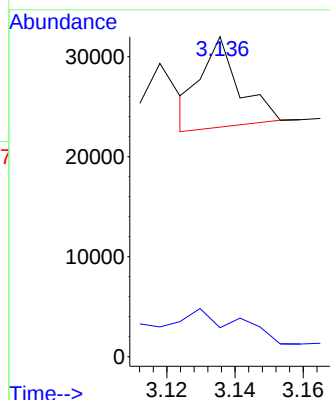
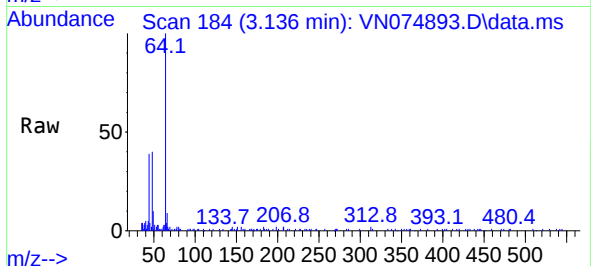




#6
Chloroethane
Concen: 0.943 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.011 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

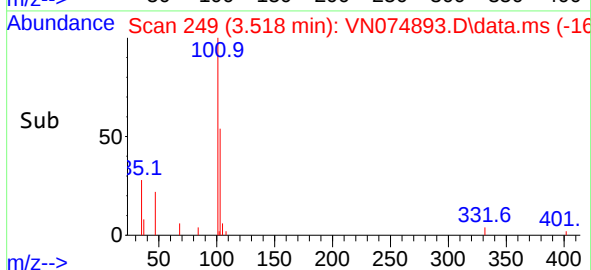
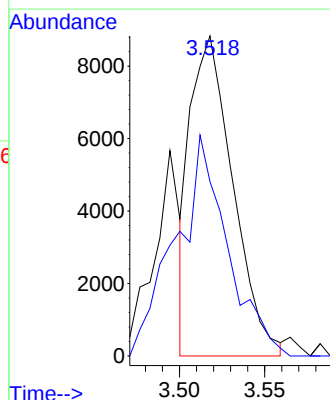
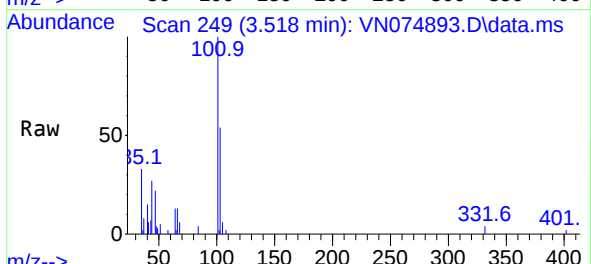
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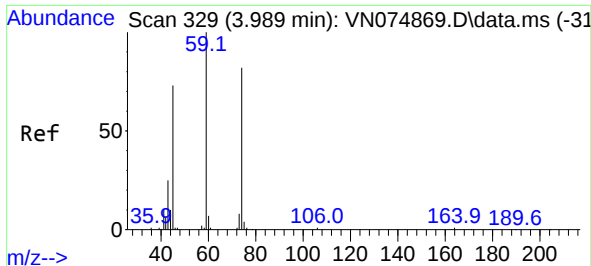
Tgt Ion: 64 Resp: 7082
Ion Ratio Lower Upper
64 100
66 19.4 21.8 32.8#



#7
Trichlorofluoromethane
Concen: 2.058 ug/l
RT: 3.518 min Scan# 249
Delta R.T. 0.011 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 101 Resp: 15363
Ion Ratio Lower Upper
101 100
103 54.2 54.8 82.2#

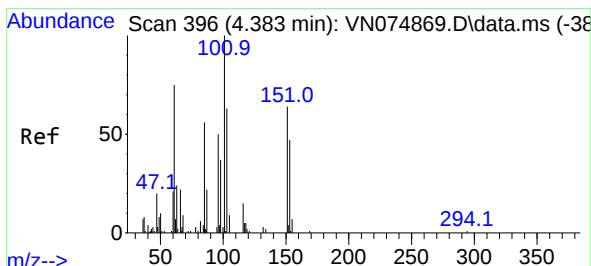
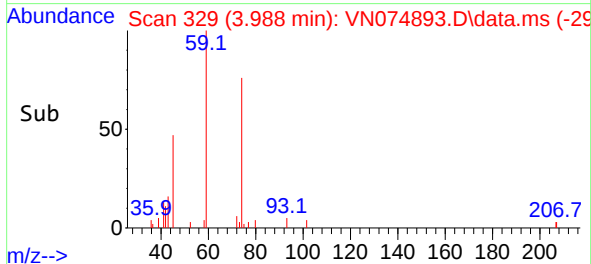
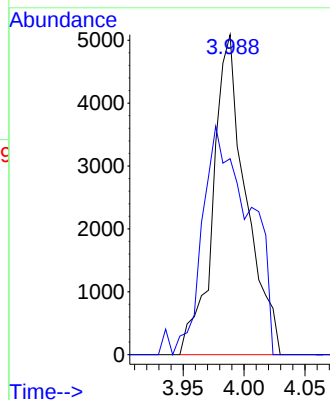
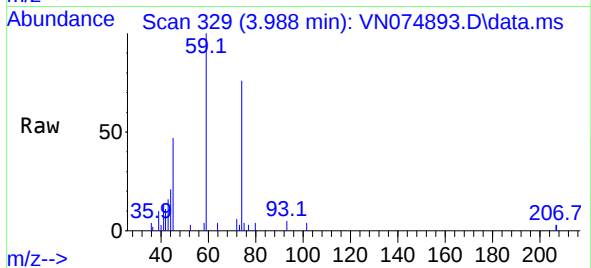




#8
Diethyl Ether
Concen: 2.742 ug/l
RT: 3.988 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

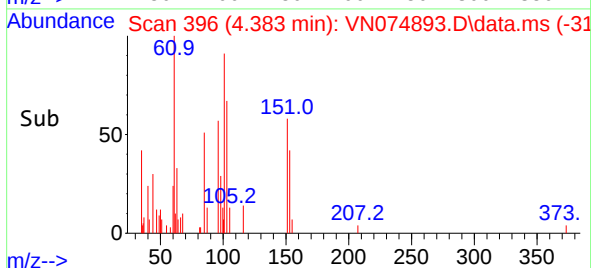
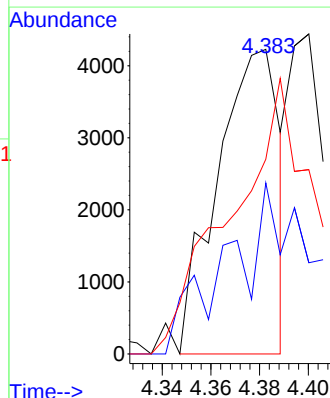
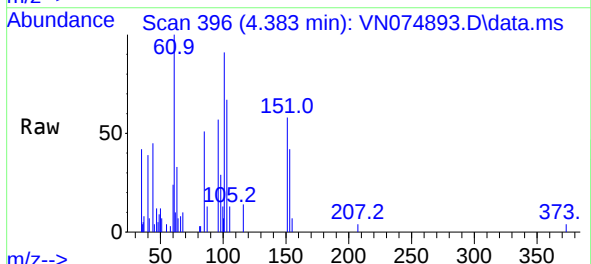
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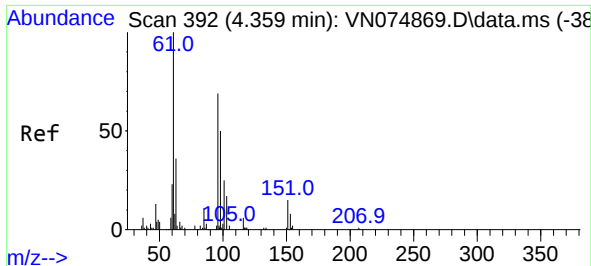
Tgt Ion: 74 Resp: 9548
Ion Ratio Lower Upper
74 100
45 77.2 19.0 171.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.593 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion:101 Resp: 7485
Ion Ratio Lower Upper
101 100
85 10.5 0.0 94.6
151 116.6 0.0 144.8

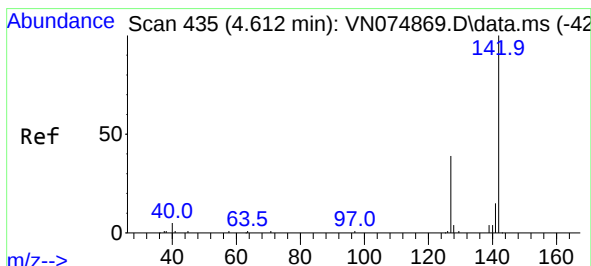
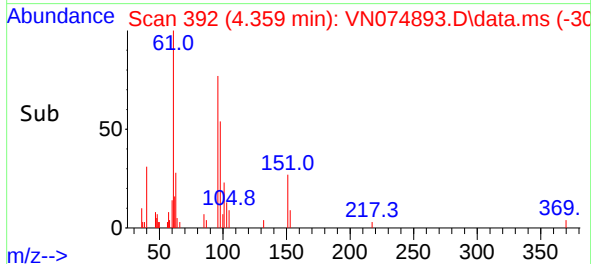
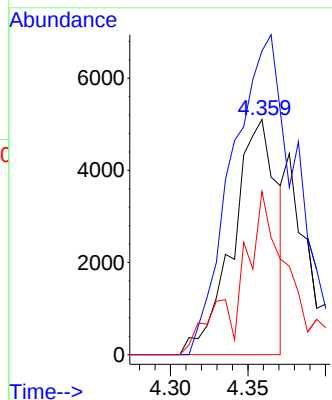
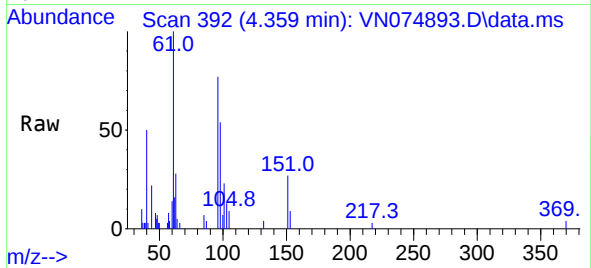




#10
1,1-Dichloroethene
Concen: 2.180 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
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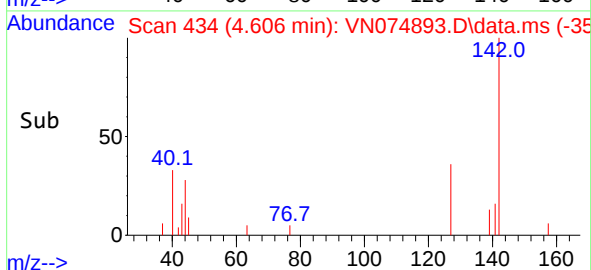
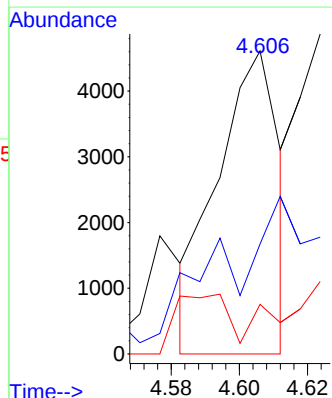
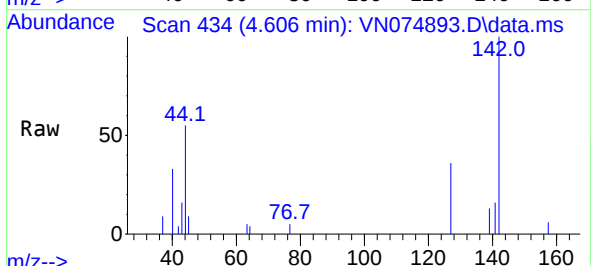
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ClientSampleId :
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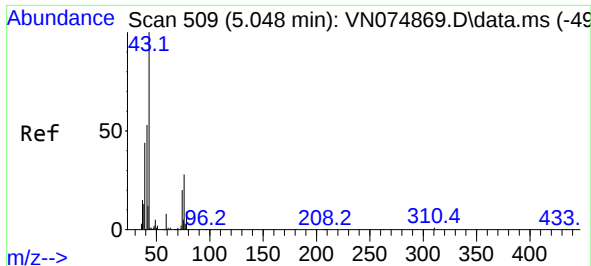
Tgt Ion: 96 Resp: 10078
Ion Ratio Lower Upper
96 100
61 129.1 125.5 188.3
98 69.4 45.0 67.4#



#11
Methyl Iodide
Concen: 1.010 ug/l
RT: 4.606 min Scan# 434
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion:142 Resp: 5826
Ion Ratio Lower Upper
142 100
127 0.0 19.3 57.8#
141 3.1 7.7 23.1#

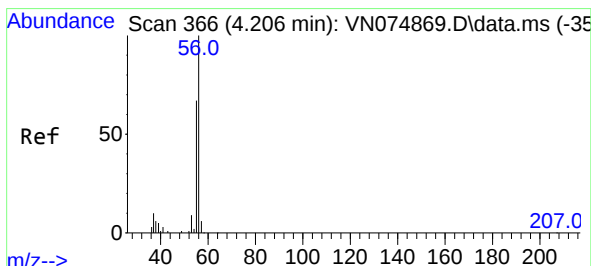
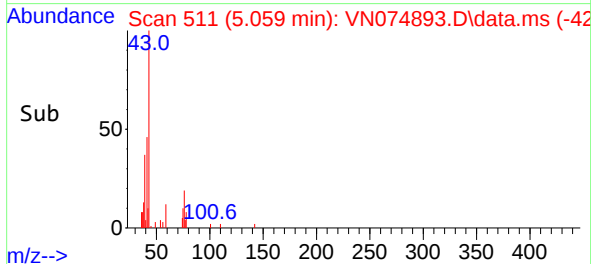
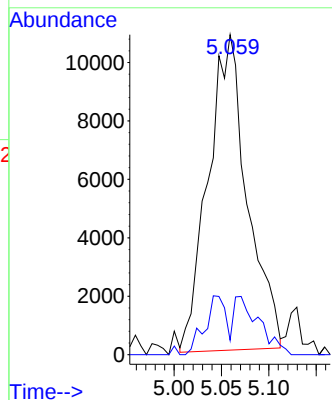
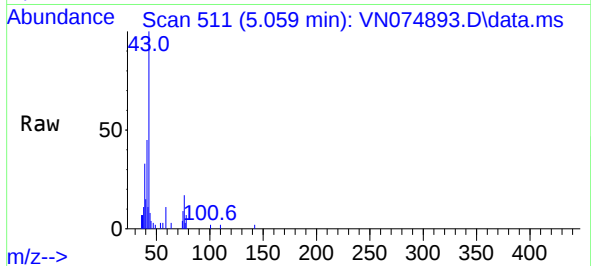




#12
Methyl Acetate
Concen: 2.791 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.011 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

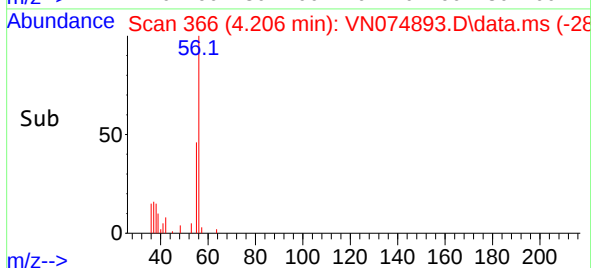
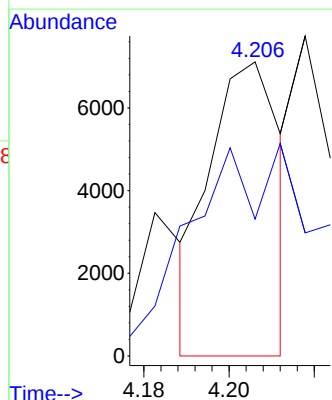
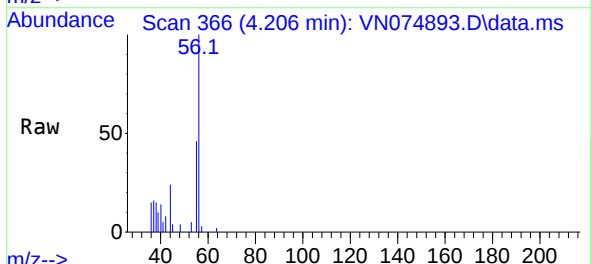
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

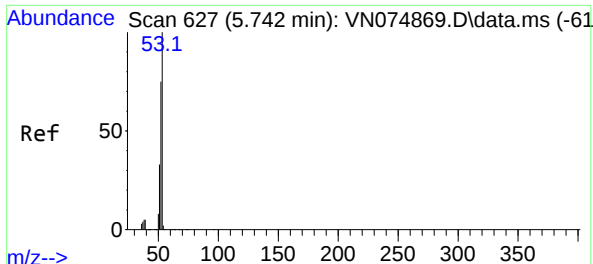
Tgt Ion: 43 Resp: 31094
Ion Ratio Lower Upper
43 100
74 3.1 19.0 28.6#



#13
Acrolein
Concen: 5.202 ug/l
RT: 4.206 min Scan# 366
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 56 Resp: 8189
Ion Ratio Lower Upper
56 100
55 59.1 56.2 84.2

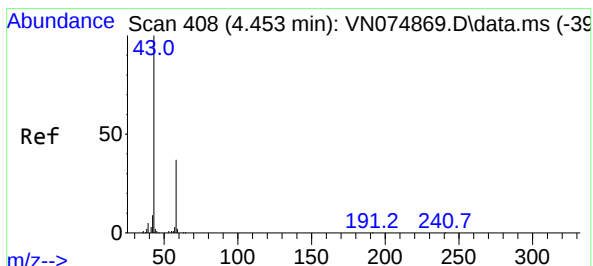
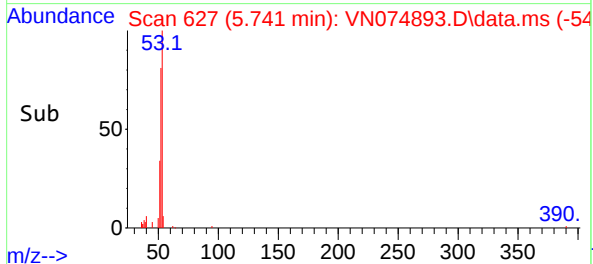
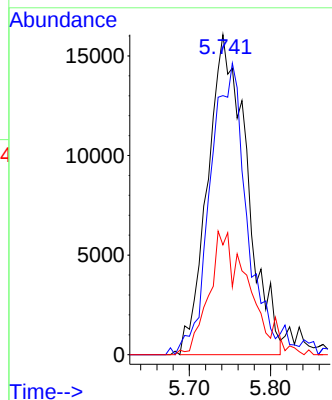
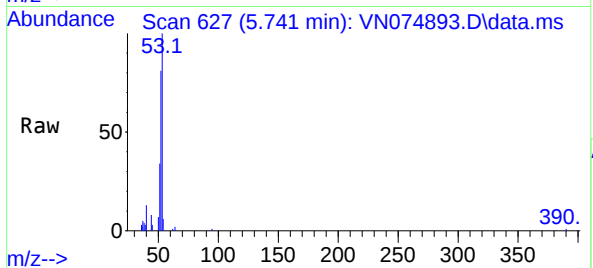




#14
Acrylonitrile
Concen: 13.056 ug/l
RT: 5.741 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

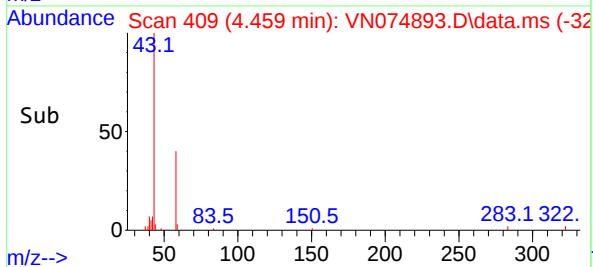
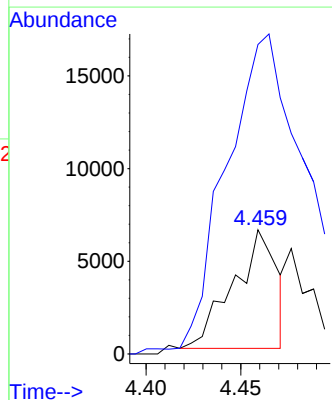
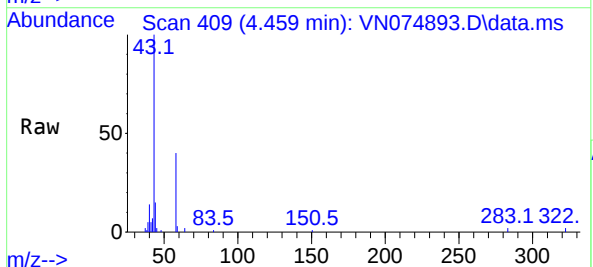
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

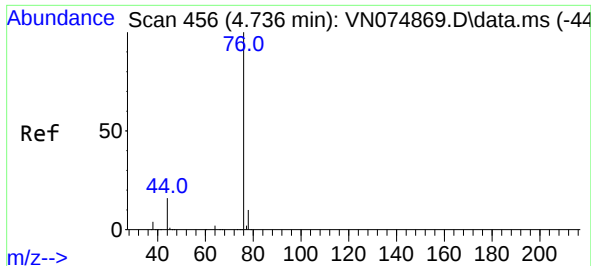
Tgt Ion: 53 Resp: 54249
Ion Ratio Lower Upper
53 100
52 44.2 40.8 122.4
51 21.3 17.0 51.0



#15
Acetone
Concen: 8.976 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 58 Resp: 10221
Ion Ratio Lower Upper
58 100
43 256.3 232.2 348.4

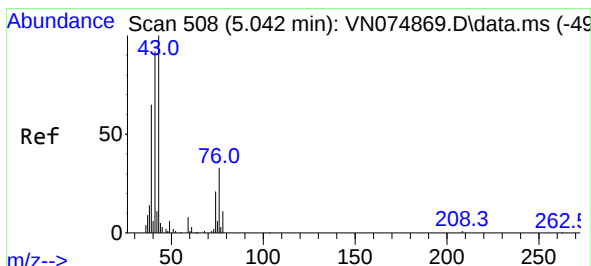
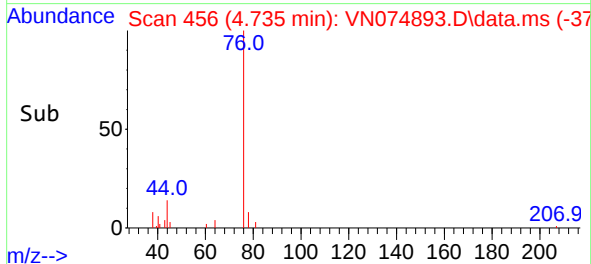
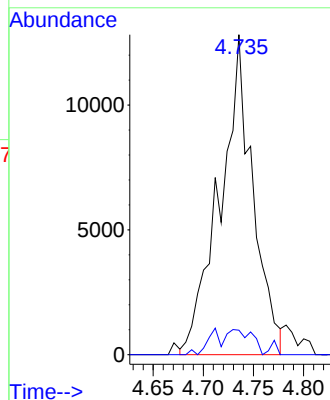
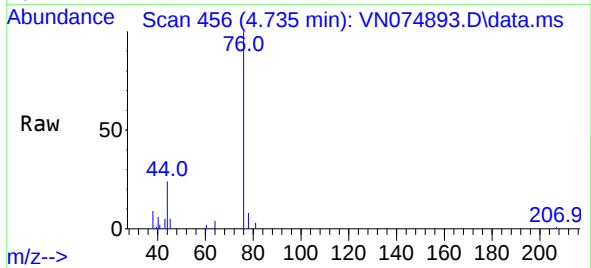




#16
Carbon Disulfide
Concen: 2.469 ug/l
RT: 4.735 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

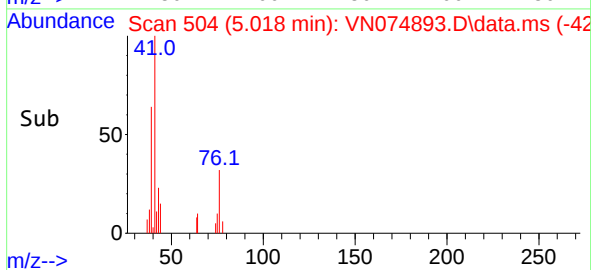
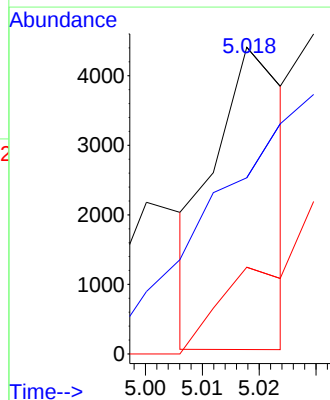
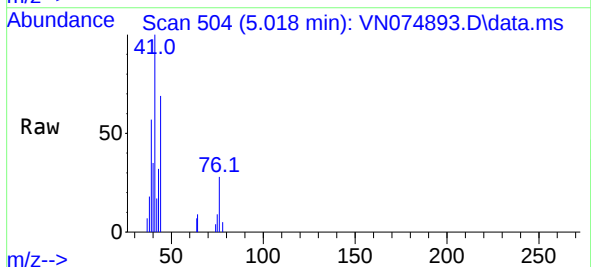
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

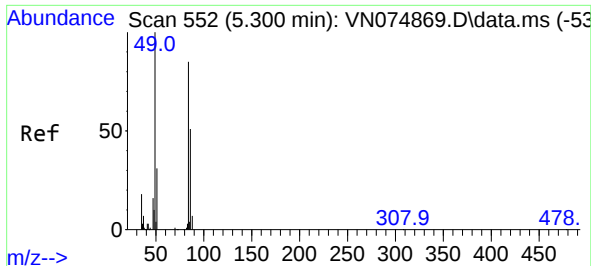
Tgt Ion: 76 Resp: 29323
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8



#17
Allyl chloride
Concen: 0.409 ug/l
RT: 5.018 min Scan# 504
Delta R.T. -0.024 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 41 Resp: 3763
Ion Ratio Lower Upper
41 100
39 49.6 39.1 117.5
76 52.6 19.8 59.4

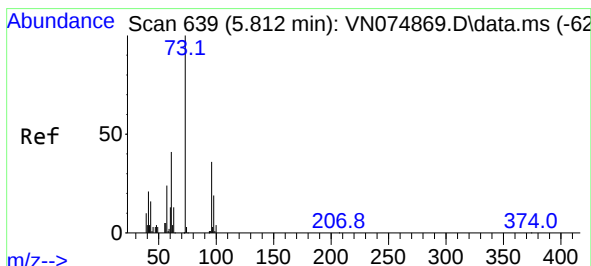
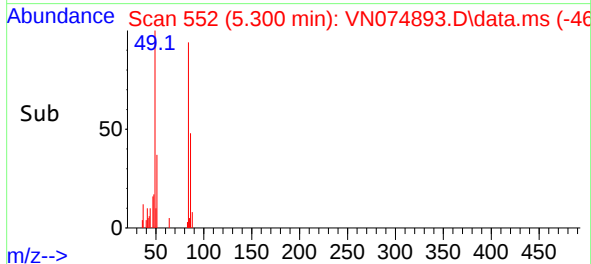
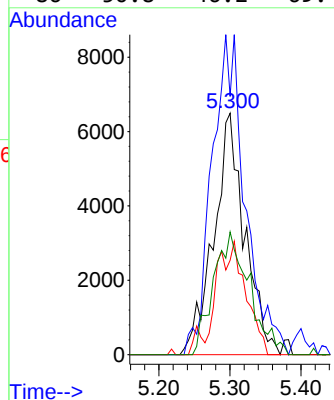
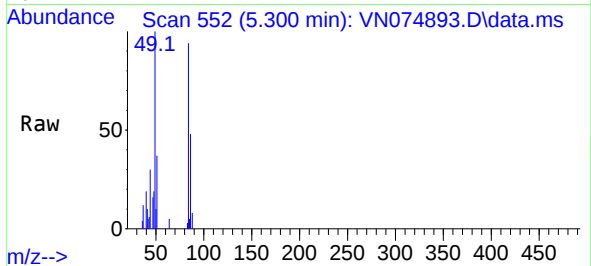




#18
Methylene Chloride
Concen: 3.278 ug/l
RT: 5.300 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

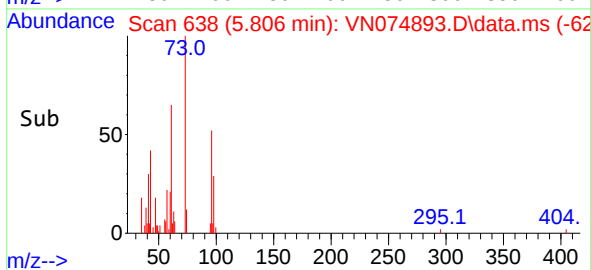
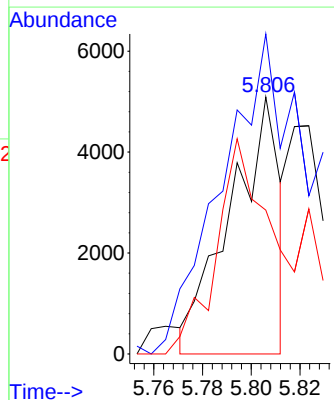
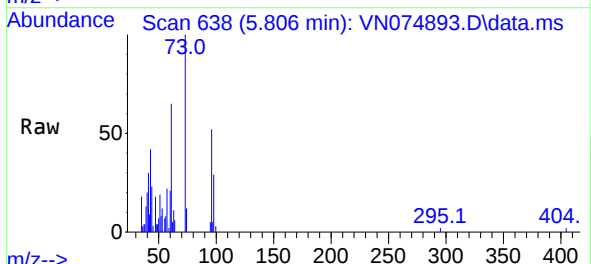
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

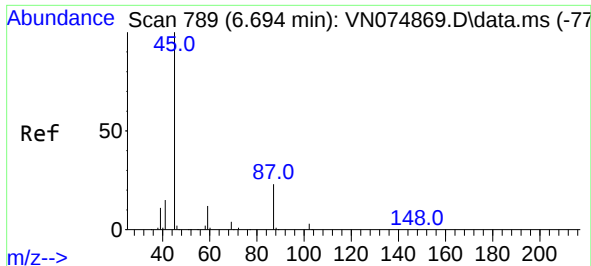
Tgt Ion:	84	Resp:	19648
Ion	Ratio	Lower	Upper
84	100		
49	106.9	99.6	149.4
51	39.1	28.2	42.2
86	50.8	46.2	69.4



#19
trans-1,2-Dichloroethene
Concen: 1.414 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion:	96	Resp:	7176
Ion	Ratio	Lower	Upper
96	100		
61	110.5	110.2	165.4
98	54.7	50.0	75.0

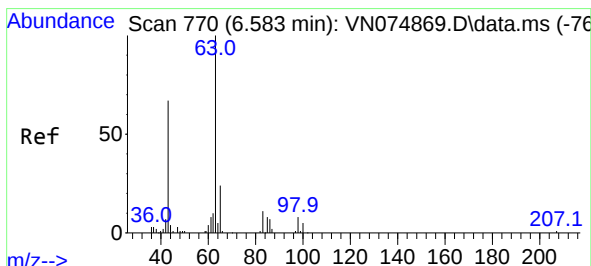
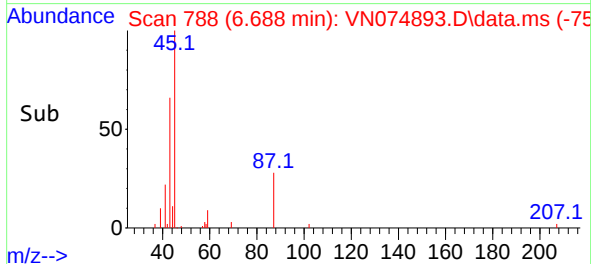
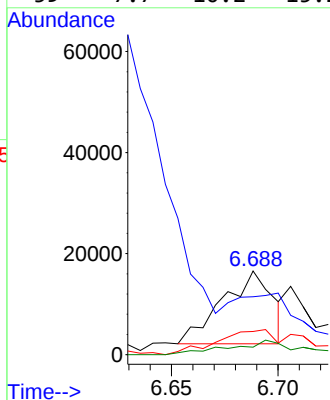
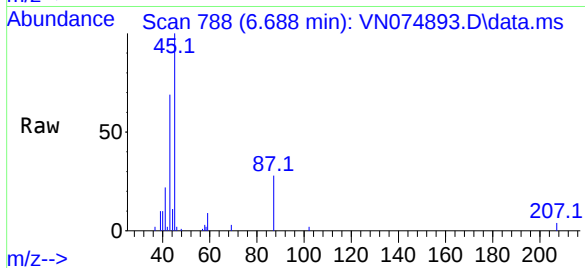




#20
Diisopropyl ether
Concen: 1.106 ug/l
RT: 6.688 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

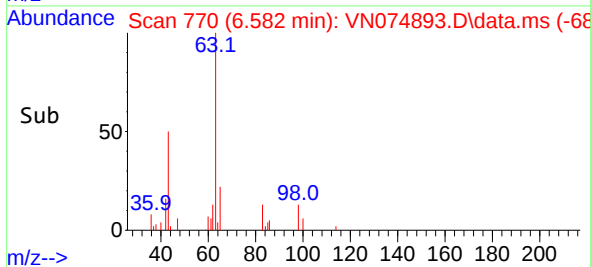
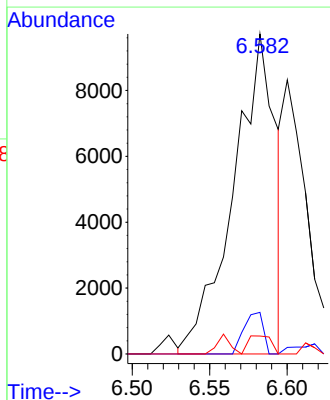
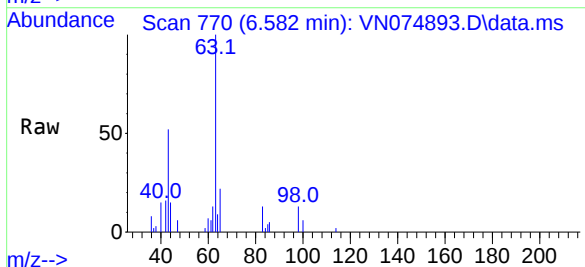
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

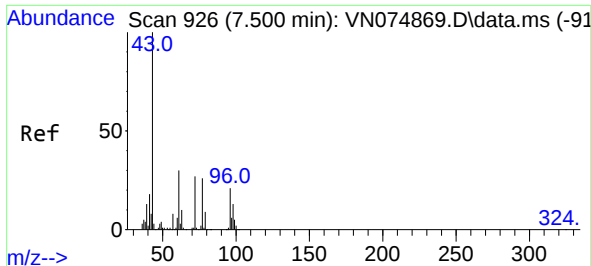
Tgt Ion:	45	Resp:	23767
Ion	Ratio	Lower	Upper
45	100		
43	0.0	47.3	70.9#
87	27.5	21.8	32.8
59	7.7	10.2	15.2#



#21
1,1-Dichloroethane
Concen: 1.675 ug/l
RT: 6.582 min Scan# 770
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion:	63	Resp:	18302
Ion	Ratio	Lower	Upper
63	100		
98	13.2	3.3	9.9#
100	5.7	2.2	6.6

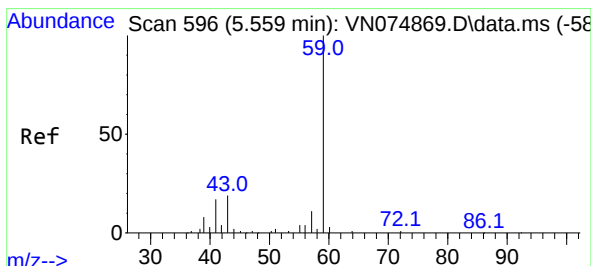
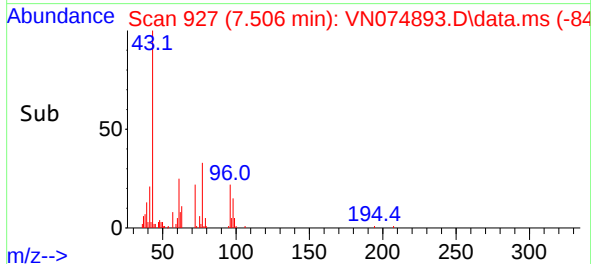
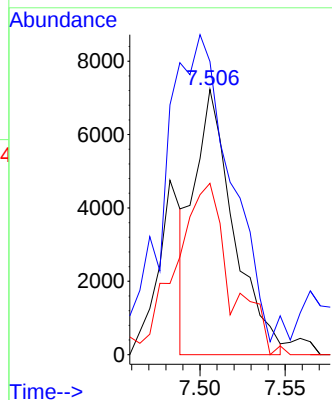
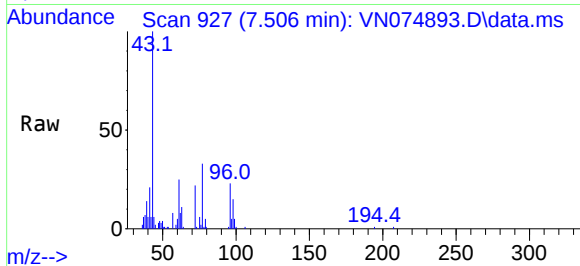




#22
 cis-1,2-Dichloroethene
 Concen: 1.827 ug/l
 RT: 7.506 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN074893.D
 Acq: 13 Oct 2022 13:26

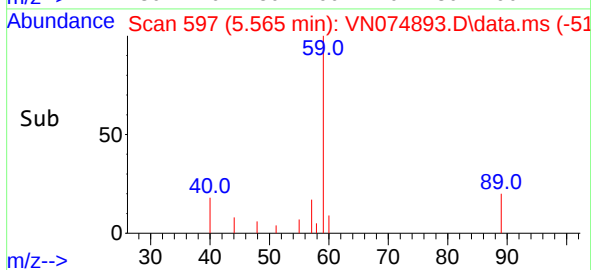
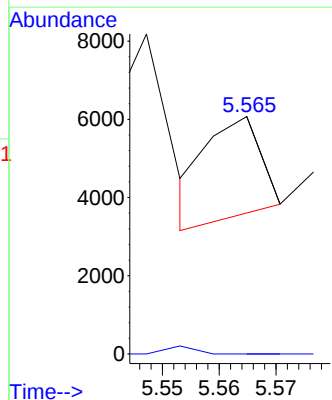
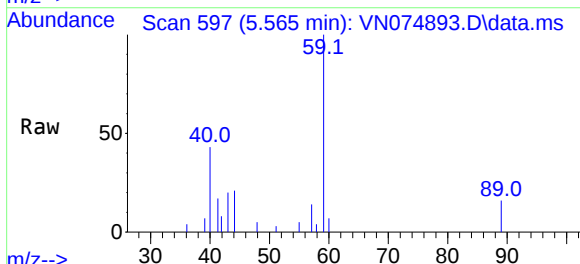
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2022DL

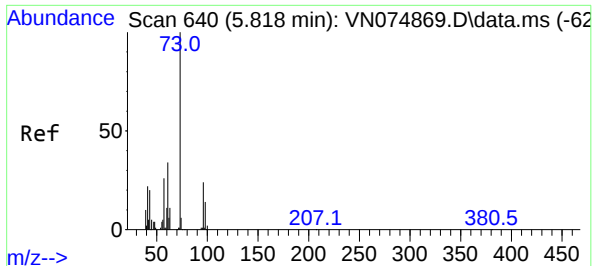
Tgt Ion: 96 Resp: 11607
 Ion Ratio Lower Upper
 96 100
 61 167.9 118.8 178.2
 98 74.7 52.1 78.1



#23
 tert-Butyl Alcohol
 Concen: 1.006 ug/l
 RT: 5.565 min Scan# 597
 Delta R.T. 0.006 min
 Lab File: VN074893.D
 Acq: 13 Oct 2022 13:26

Tgt Ion: 59 Resp: 1761
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.2 0.4#

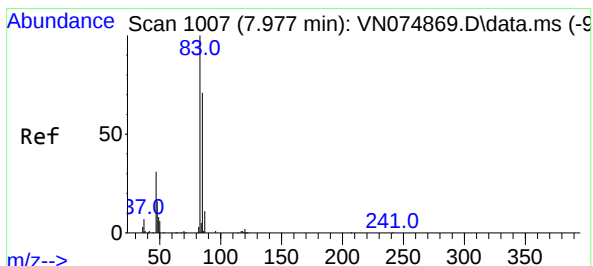
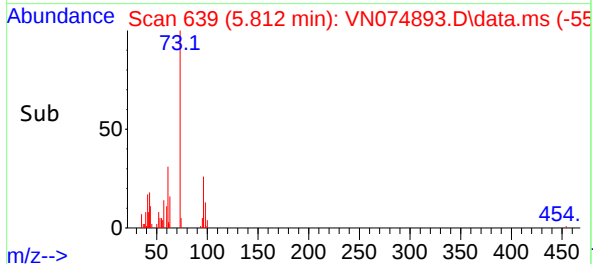
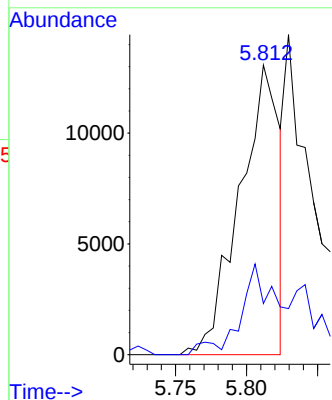
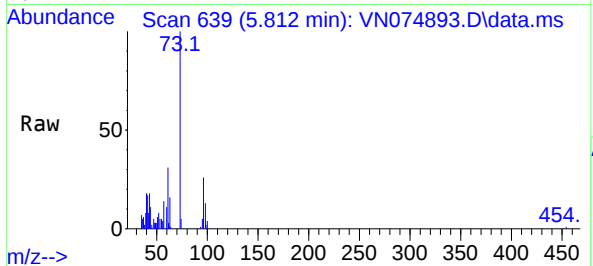




#24
Methyl tert-Butyl Ether
Concen: 1.311 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

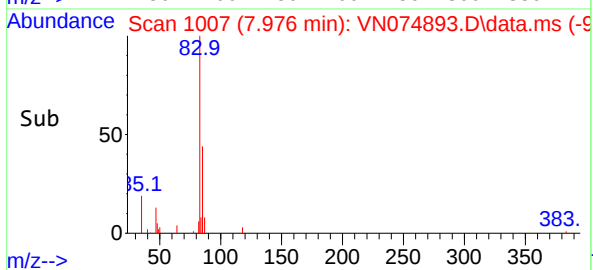
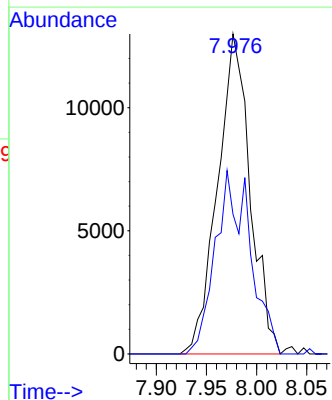
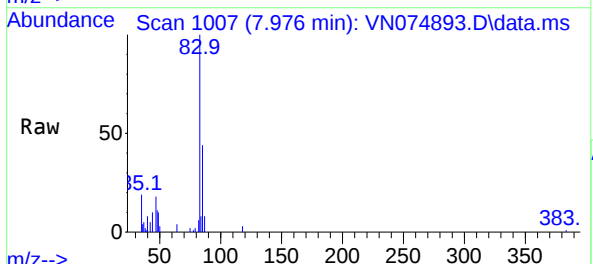
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

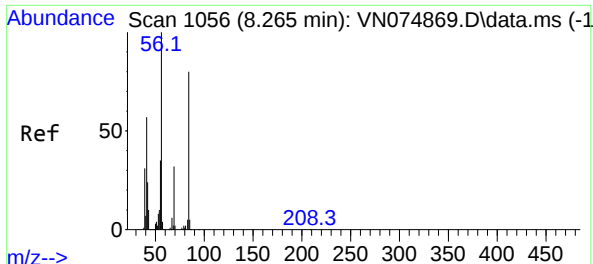
Tgt Ion: 73 Resp: 25308
Ion Ratio Lower Upper
73 100
43 15.8 15.6 23.4



#25
Chloroform
Concen: 2.710 ug/l
RT: 7.976 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 83 Resp: 29411
Ion Ratio Lower Upper
83 100
85 43.7 53.6 80.4#

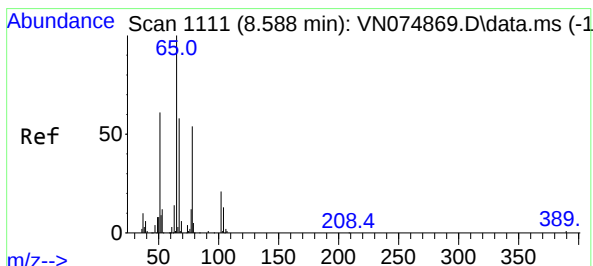
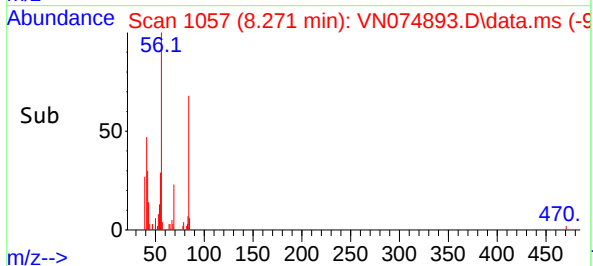
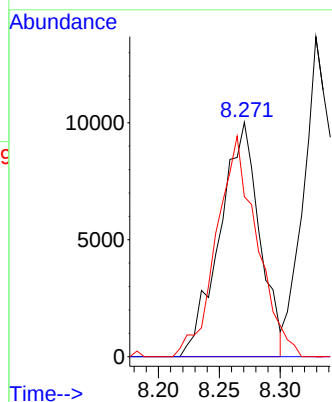
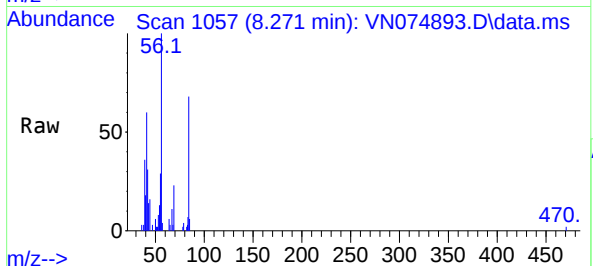




#26
Cyclohexane
Concen: 2.379 ug/l
RT: 8.271 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

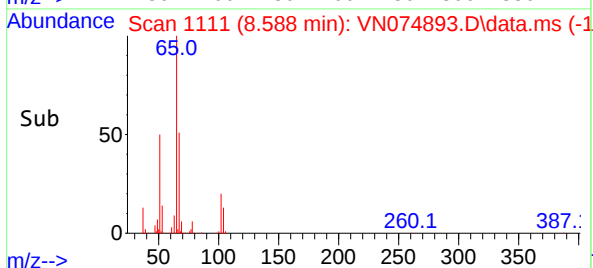
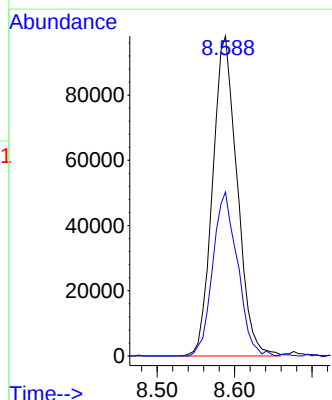
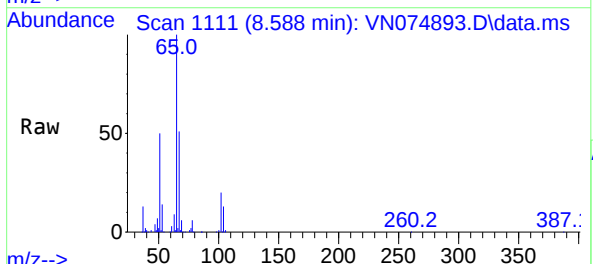
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

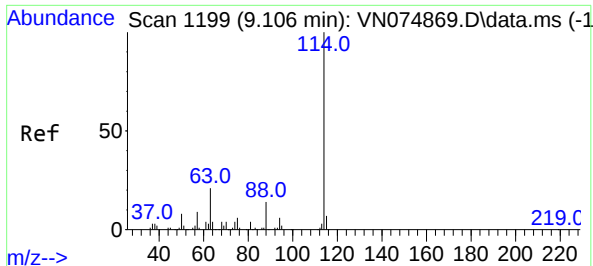
Tgt Ion: 56 Resp: 22836
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.1 68.4 102.6



#27
1,2-Dichloroethane-d4
Concen: 30.448 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 65 Resp: 215888
Ion Ratio Lower Upper
65 100
67 51.4 45.2 67.8



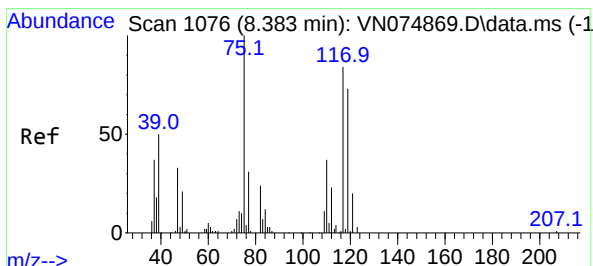
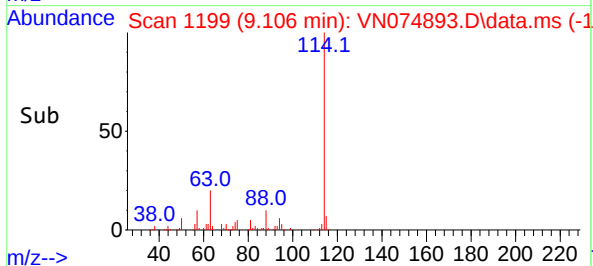
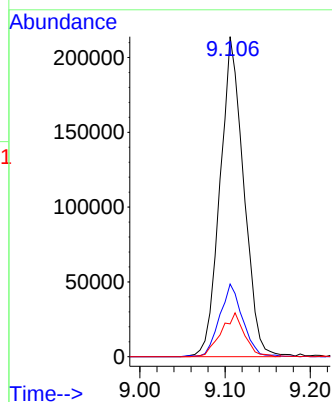
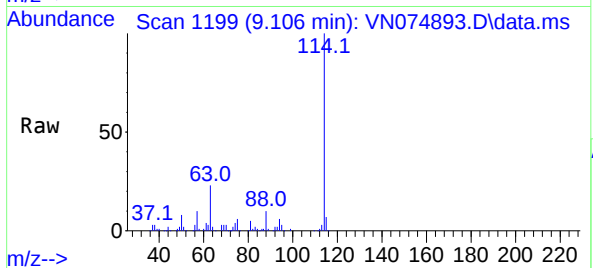


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

Tgt Ion:114 Resp: 412901

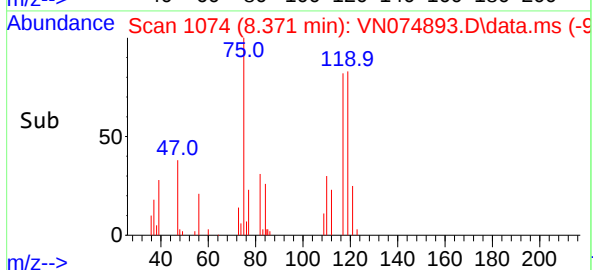
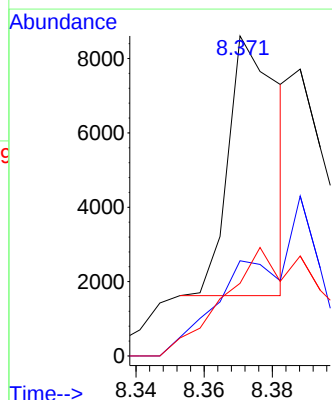
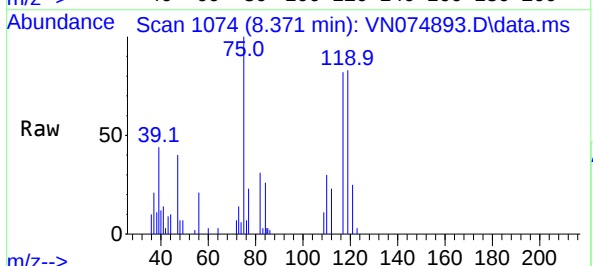
Ion	Ratio	Lower	Upper
114	100		
63	21.8	16.6	25.0
88	13.6	12.2	18.4

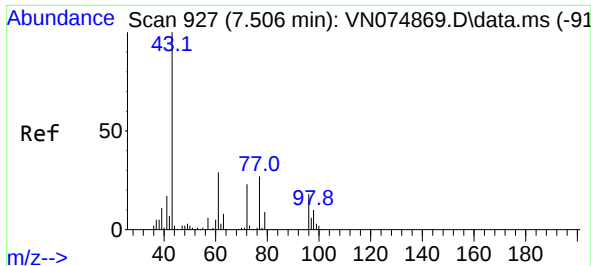


#29
1,1-Dichloropropene
Concen: 0.965 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.012 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 75 Resp: 7189

Ion	Ratio	Lower	Upper
75	100		
110	49.2	0.0	72.2
77	81.5	0.0	64.0

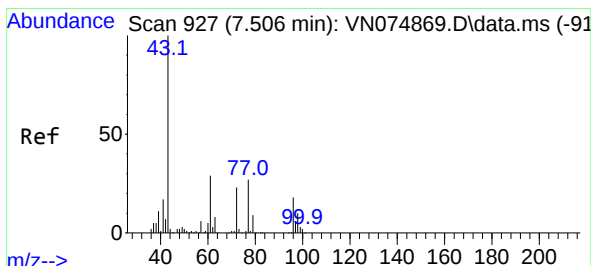
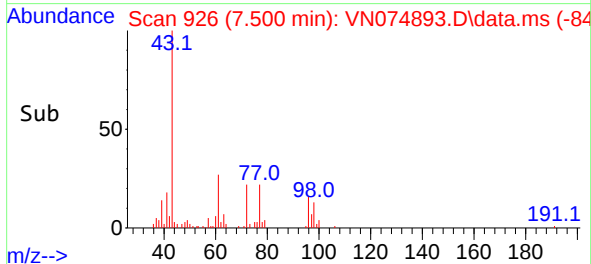
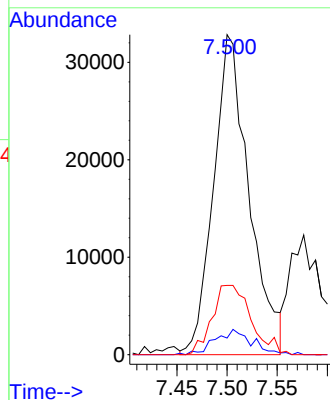
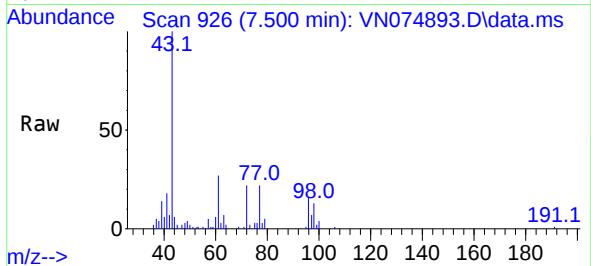




#30
2-Butanone
Concen: 13.582 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

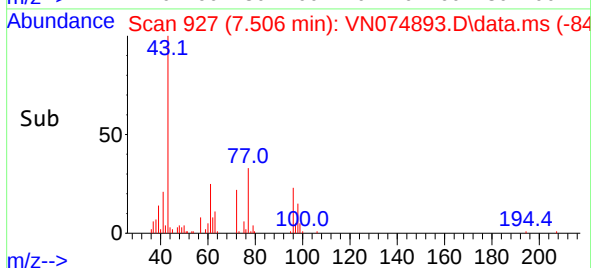
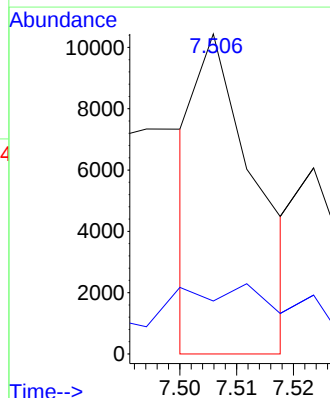
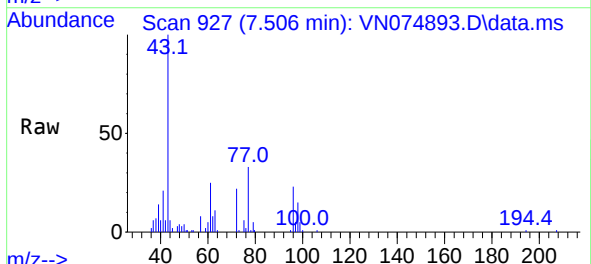
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

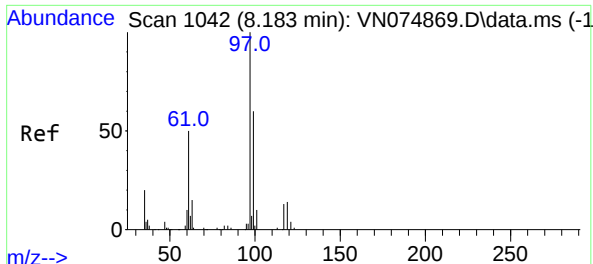
Tgt Ion: 43 Resp: 80733
Ion Ratio Lower Upper
43 100
57 7.8 6.3 9.5
72 22.8 21.0 31.4



#31
2,2-Dichloropropane
Concen: 0.811 ug/l
RT: 7.506 min Scan# 927
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 77 Resp: 7395
Ion Ratio Lower Upper
77 100
97 46.3 18.4 27.6#

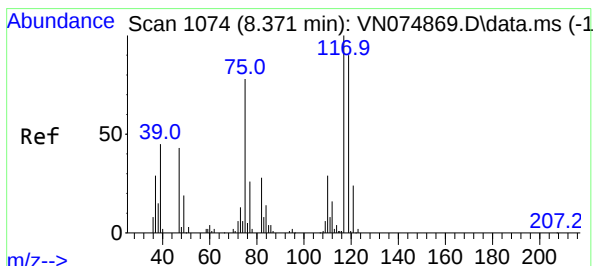
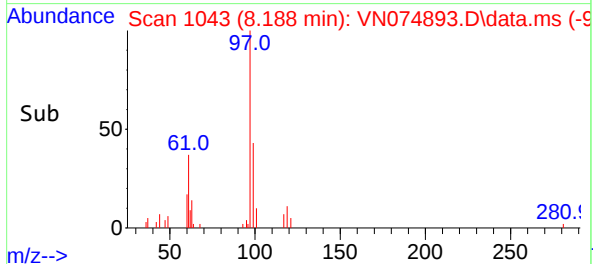
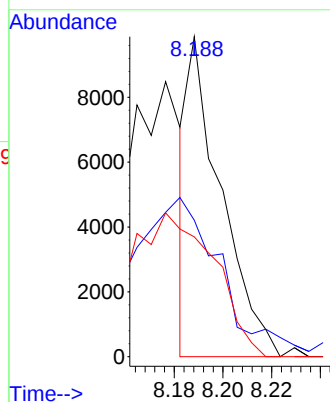
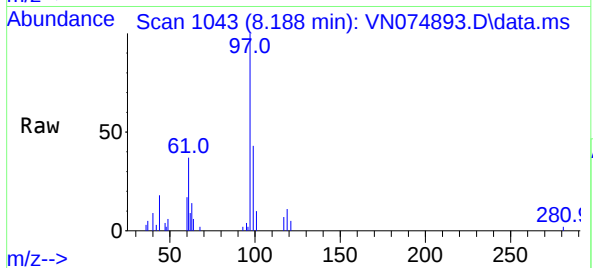




#32
1,1,1-Trichloroethane
Concen: 1.045 ug/l
RT: 8.188 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

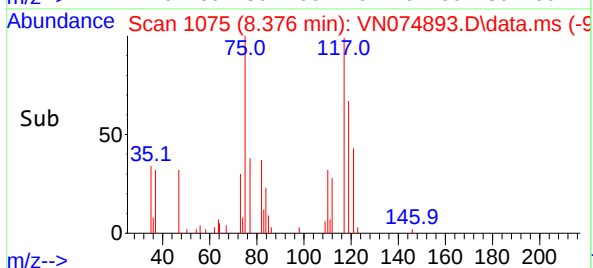
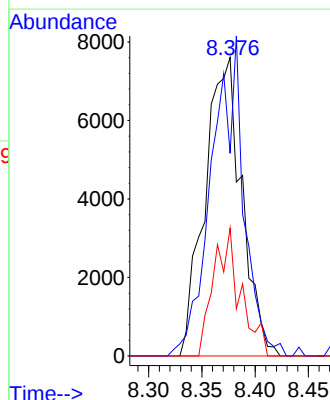
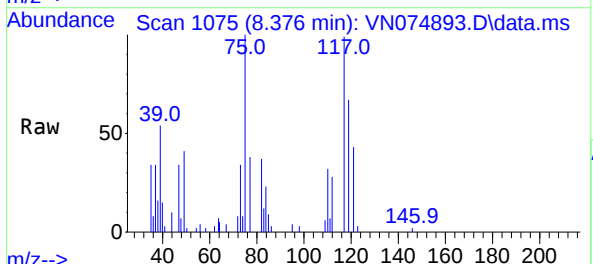
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

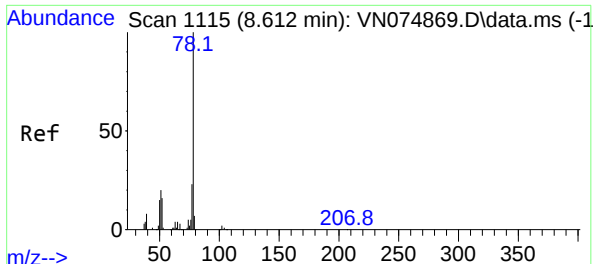
Tgt Ion:	97	Resp:	9337
Ion	Ratio	Lower	Upper
97	100		
99	125.1	50.0	75.0#
61	0.0	36.1	54.1#



#33
Carbon Tetrachloride
Concen: 2.490 ug/l
RT: 8.376 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion:	117	Resp:	18268
Ion	Ratio	Lower	Upper
117	100		
119	63.8	77.8	116.6#
121	42.8	27.6	41.4#

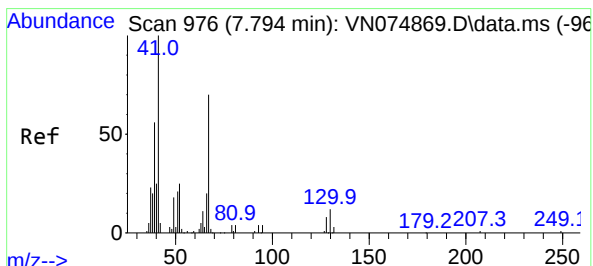
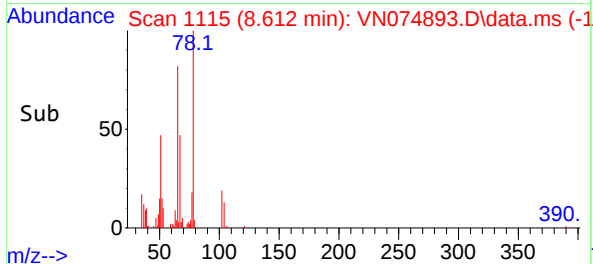
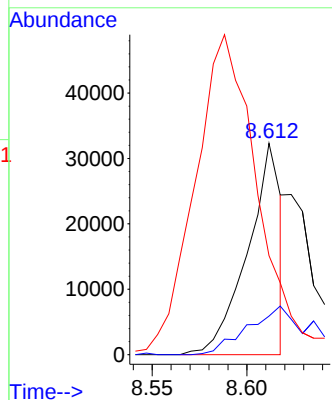
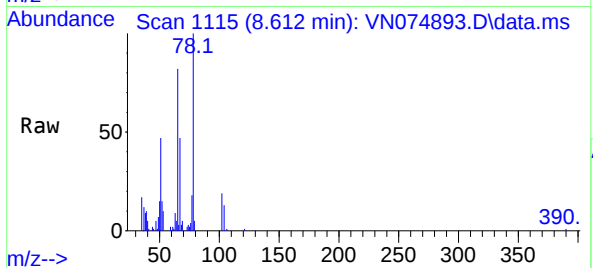




#34
Benzene
Concen: 1.613 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

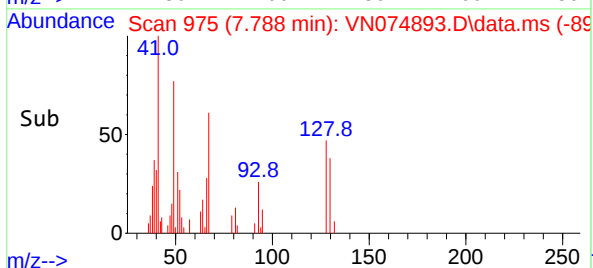
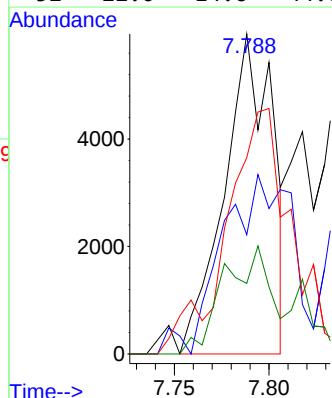
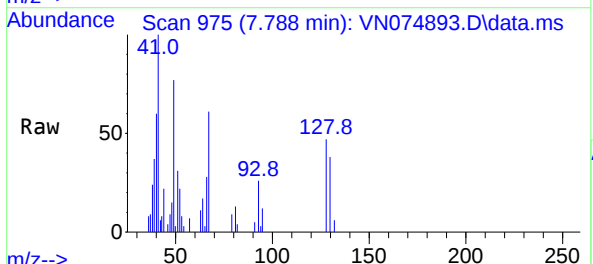
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

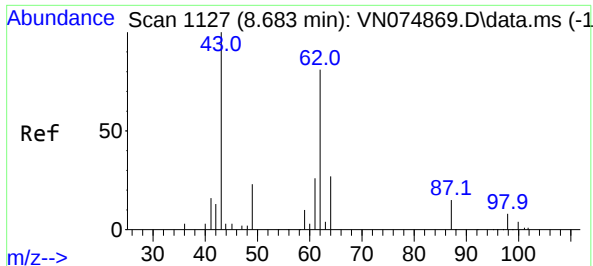
Tgt Ion: 78 Resp: 39723
Ion Ratio Lower Upper
78 100
77 18.2 19.9 29.9#
51 12.8 21.1 31.7#



#35
Methacrylonitrile
Concen: 1.736 ug/l
RT: 7.788 min Scan# 975
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 41 Resp: 10607
Ion Ratio Lower Upper
41 100
39 31.7 27.7 83.1
67 49.5 38.0 113.9
52 22.0 14.6 44.0





#36

1,2-Dichloroethane

Concen: 2.757 ug/l

RT: 8.682 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN074893.D

Acq: 13 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

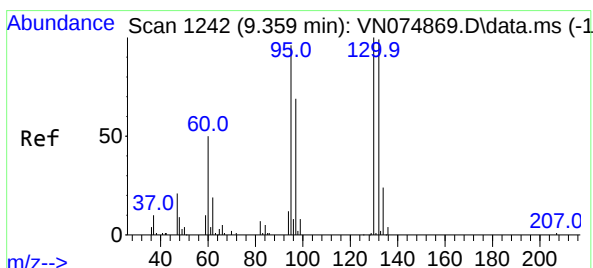
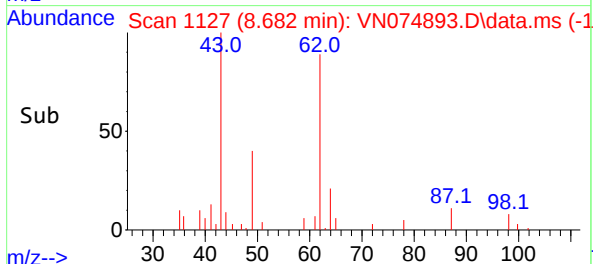
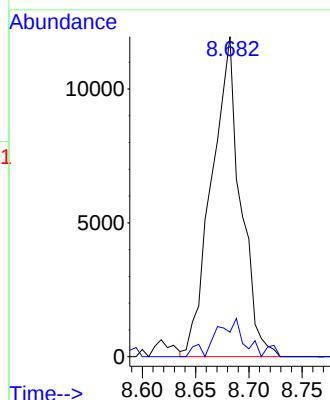
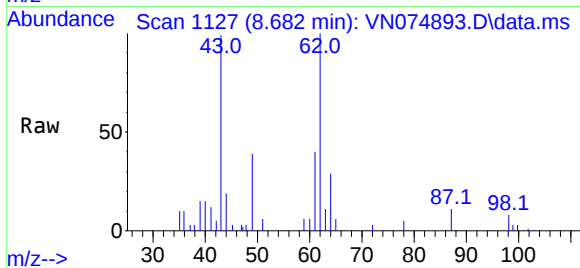
MDL-WATER-03-QT4-2022DL

Tgt Ion: 62 Resp: 22613

Ion Ratio Lower Upper

62 100

98 3.5 7.4 11.2#



#37

Trichloroethene

Concen: 2.119 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VN074893.D

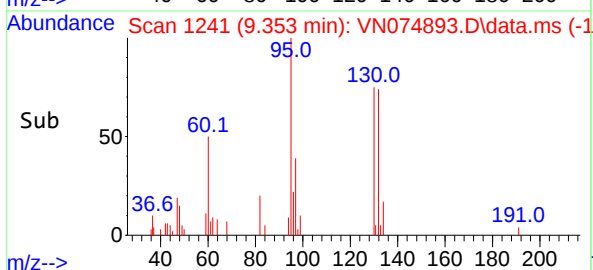
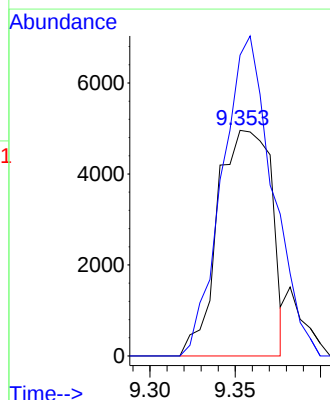
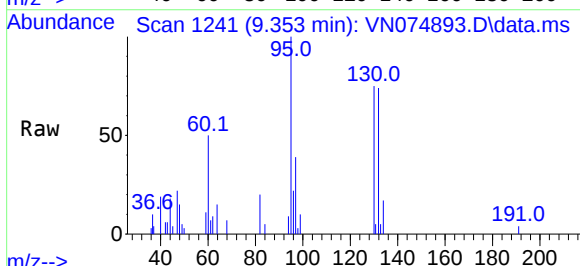
Acq: 13 Oct 2022 13:26

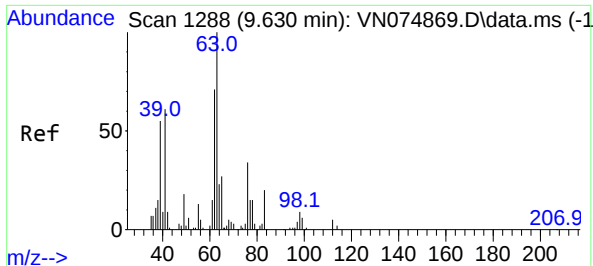
Tgt Ion: 130 Resp: 10855

Ion Ratio Lower Upper

130 100

95 133.3 75.9 113.9#

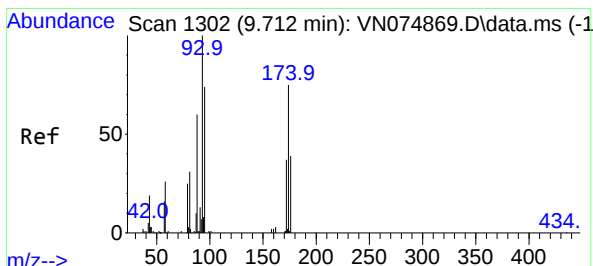
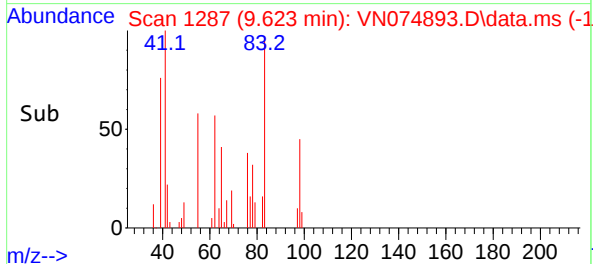
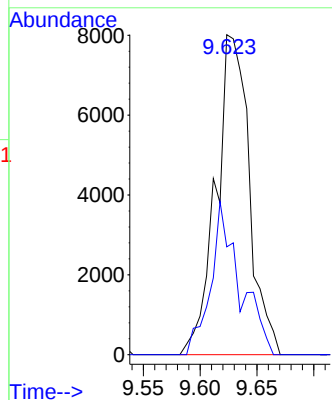
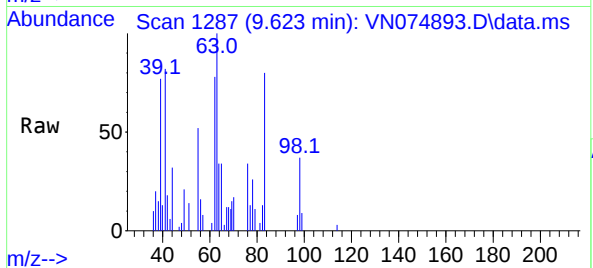




#39
1,2-Dichloropropane
Concen: 2.563 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

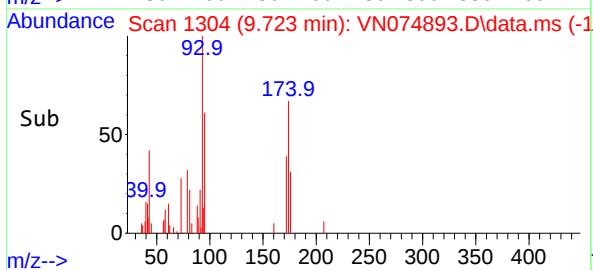
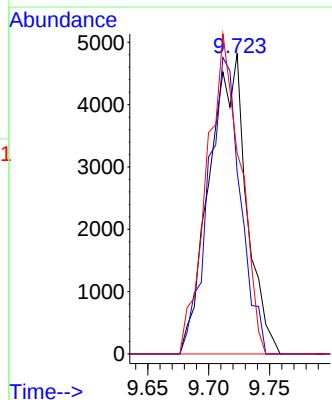
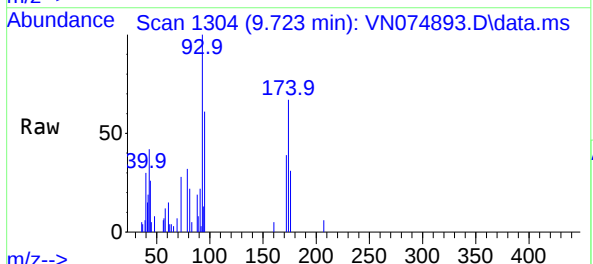
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

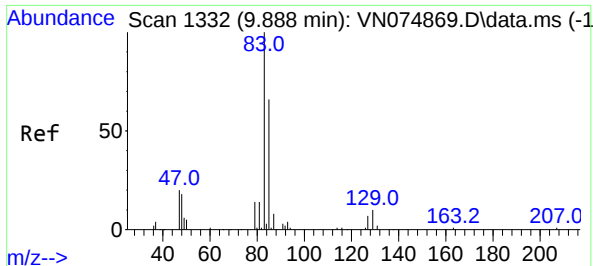
Tgt Ion: 63 Resp: 16360
Ion Ratio Lower Upper
63 100
65 33.7 25.0 37.6



#40
Dibromomethane
Concen: 2.422 ug/l
RT: 9.723 min Scan# 1304
Delta R.T. 0.011 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 93 Resp: 10244
Ion Ratio Lower Upper
93 100
95 85.3 0.0 168.0
174 96.4 0.0 158.4

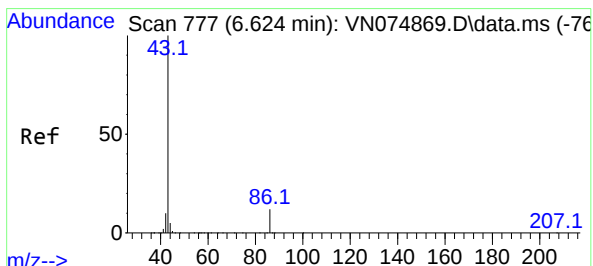
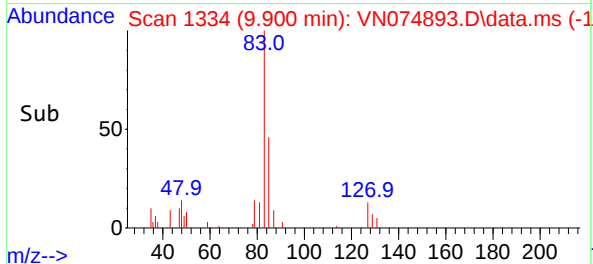
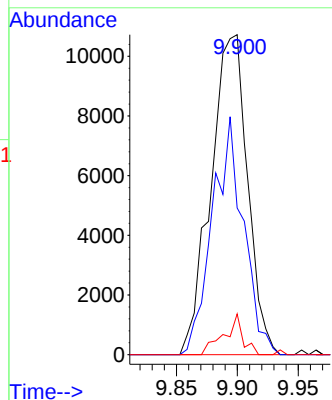
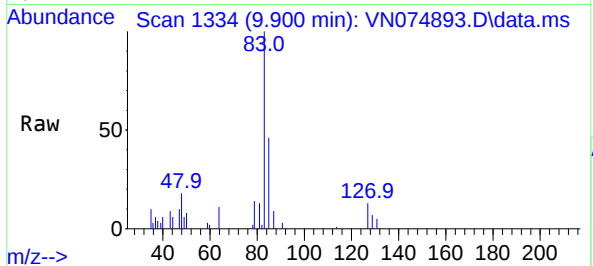




#41
Bromodichloromethane
Concen: 2.743 ug/l
RT: 9.900 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

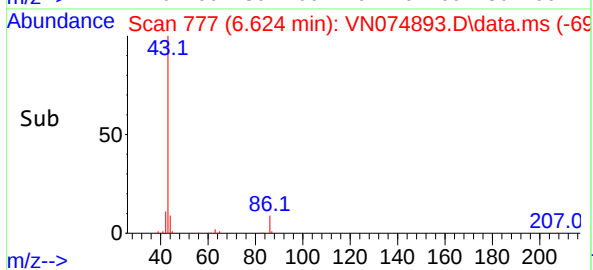
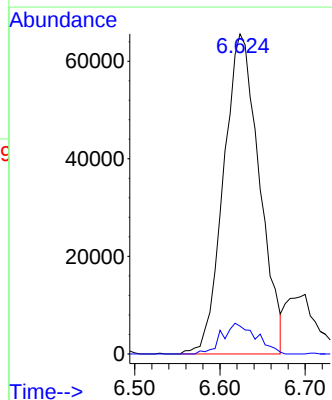
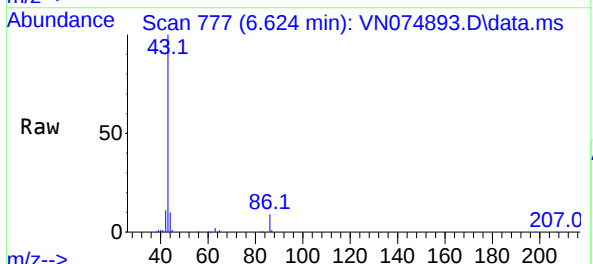
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

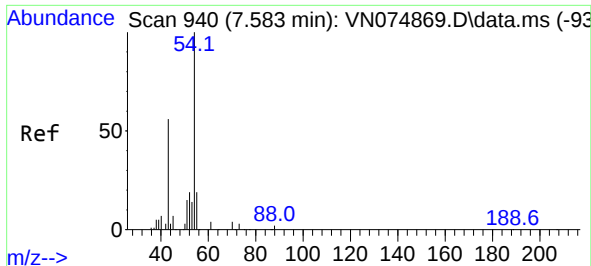
Tgt Ion: 83 Resp: 22602
Ion Ratio Lower Upper
83 100
85 45.9 50.2 75.4#
127 12.7 5.1 7.7#



#42
Vinyl Acetate
Concen: 10.793 ug/l
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 43 Resp: 191114
Ion Ratio Lower Upper
43 100
86 7.2 7.5 11.3#

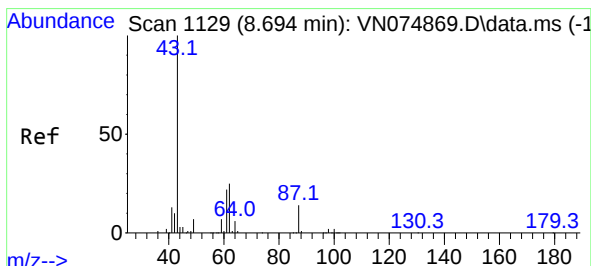
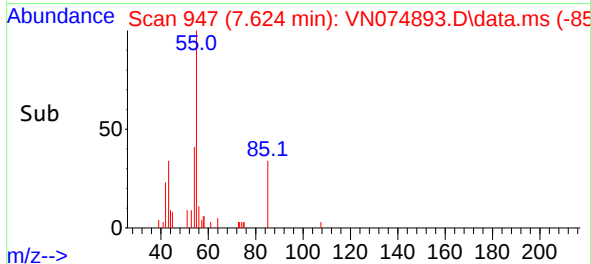
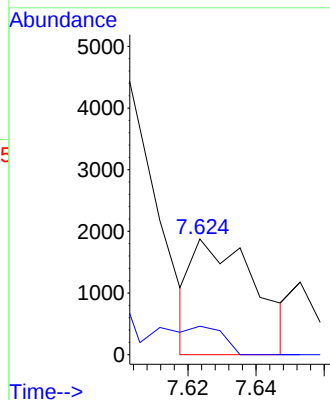
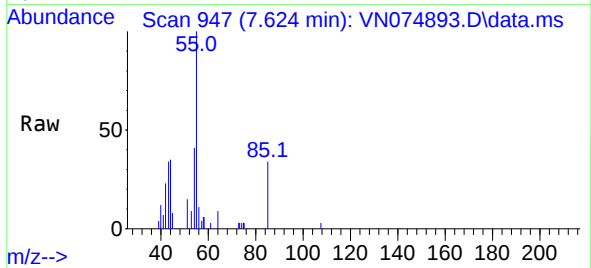




#43
Ethyl Acetate
Concen: 0.209 ug/l
RT: 7.624 min Scan# 94
Delta R.T. 0.041 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

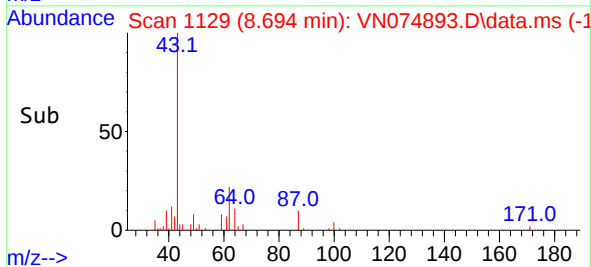
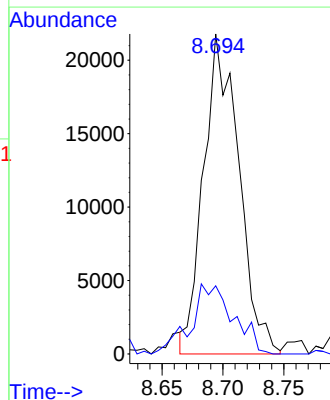
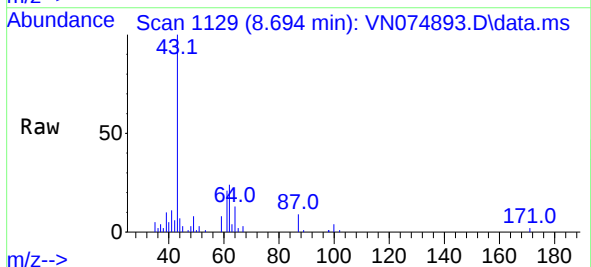
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

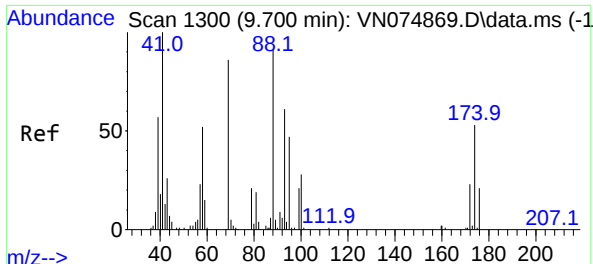
Tgt Ion: 43 Resp: 2418
Ion Ratio Lower Upper
43 100
45 12.4 11.5 17.3



#44
Isopropyl Acetate
Concen: 2.452 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 43 Resp: 43817
Ion Ratio Lower Upper
43 100
61 21.0 19.5 29.3

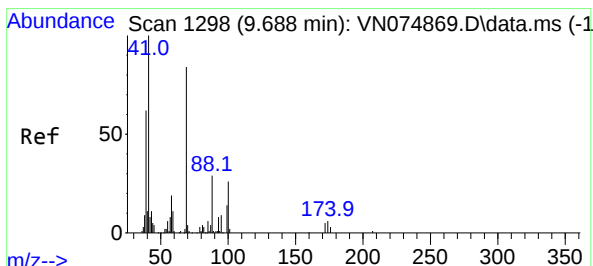
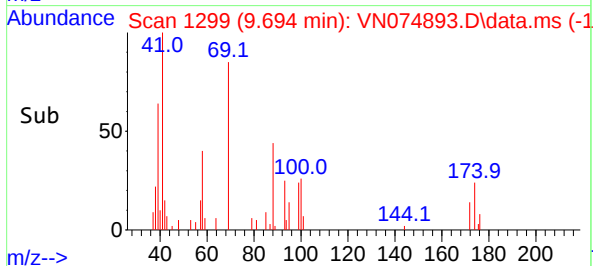
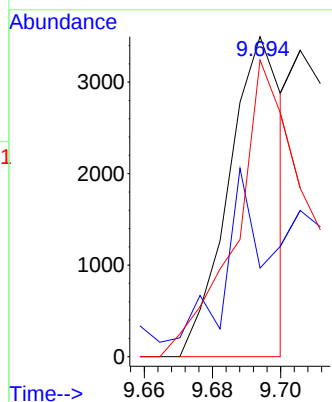
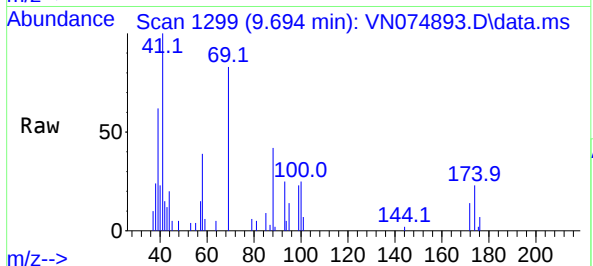




#45
1,4-Dioxane
Concen: 23.535 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

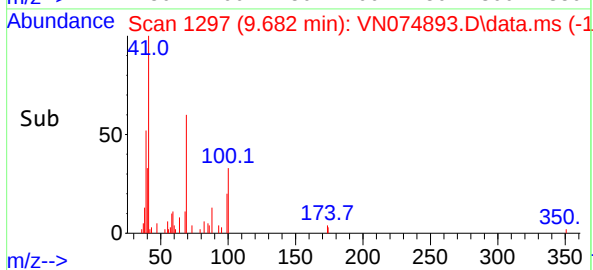
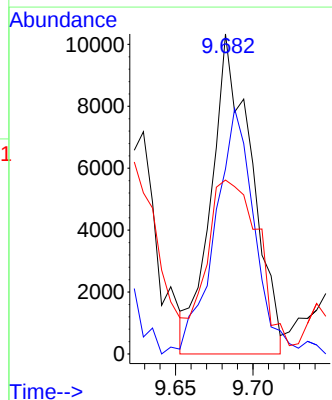
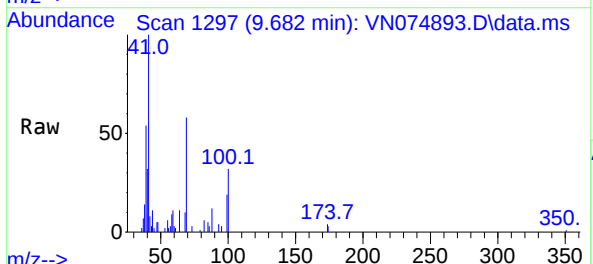
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

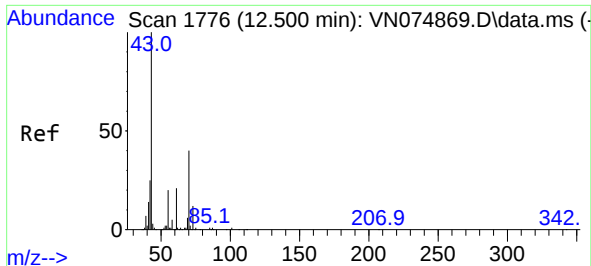
Tgt Ion: 88 Resp: 3857
Ion Ratio Lower Upper
88 100
43 22.1 25.7 38.5#
58 142.0 53.4 80.2#



#46
Methyl methacrylate
Concen: 2.425 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 41 Resp: 18772
Ion Ratio Lower Upper
41 100
69 59.8 45.6 136.7
39 47.6 32.3 96.9

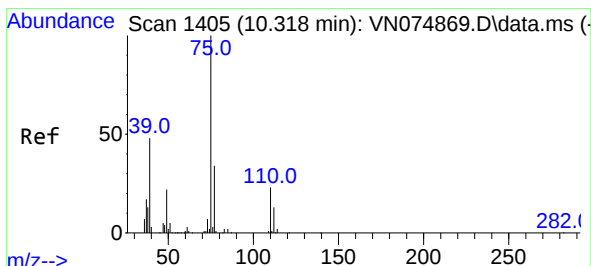
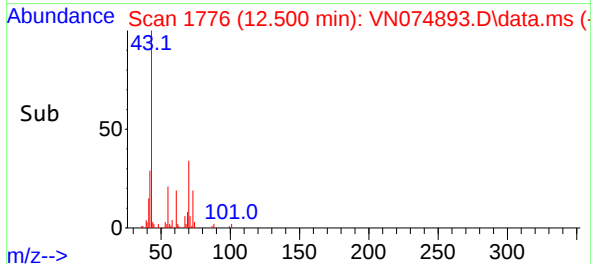
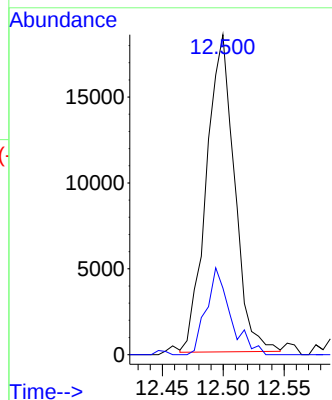
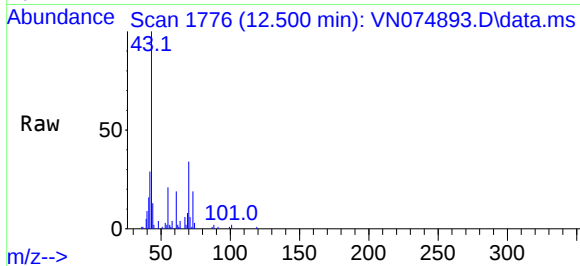




#47
n-amyl acetate
Concen: 1.901 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

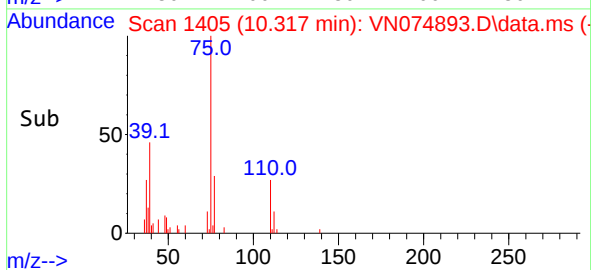
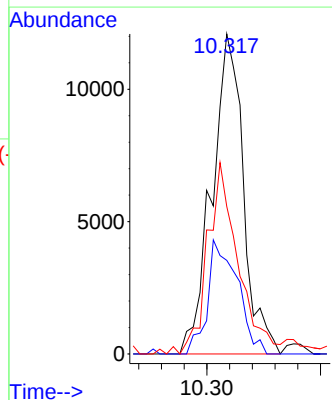
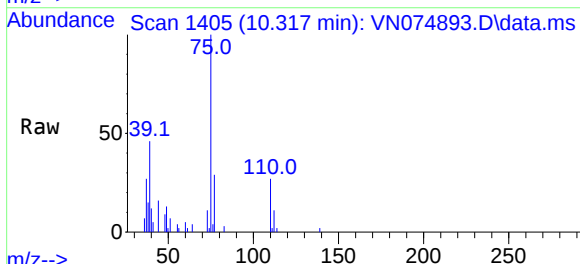
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

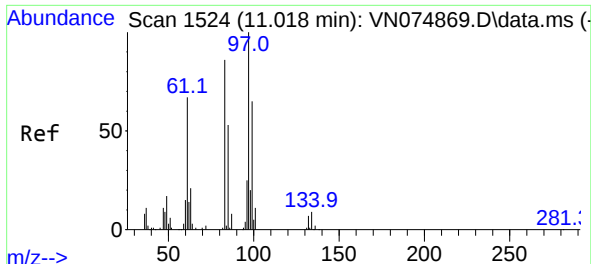
Tgt Ion: 43 Resp: 29725
Ion Ratio Lower Upper
43 100
55 23.3 16.8 25.2



#49
cis-1,3-Dichloropropene
Concen: 2.328 ug/l
RT: 10.317 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 75 Resp: 23330
Ion Ratio Lower Upper
75 100
77 29.2 22.5 33.7
39 46.1 37.6 56.4





#50

1,1,2-Trichloroethane

Concen: 2.603 ug/l

RT: 11.012 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074893.D

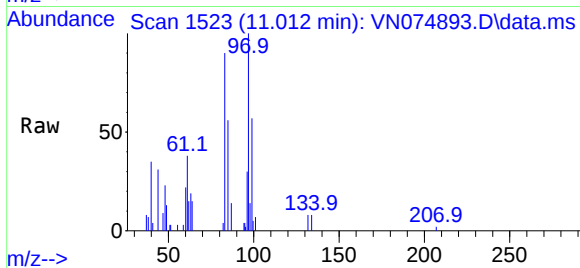
Acq: 13 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2022DL



Tgt Ion: 97 Resp: 16207

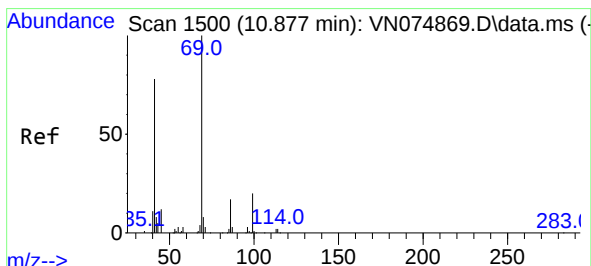
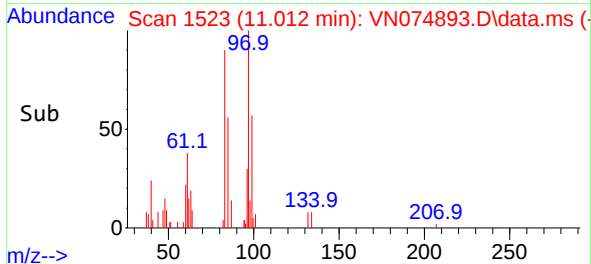
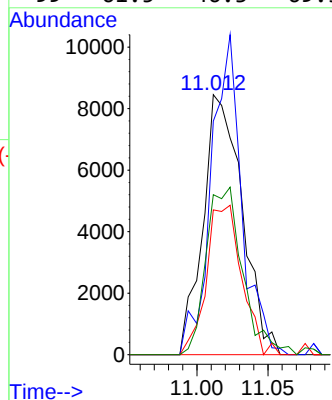
Ion Ratio Lower Upper

97 100

83 89.9 69.2 103.8

85 55.7 41.4 62.2

99 61.5 46.3 69.5



#51

Ethyl methacrylate

Concen: 2.194 ug/l

RT: 10.882 min Scan# 1501

Delta R.T. 0.006 min

Lab File: VN074893.D

Acq: 13 Oct 2022 13:26

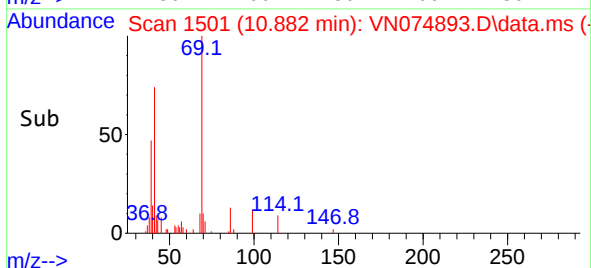
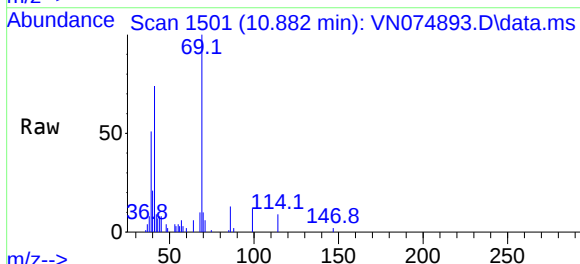
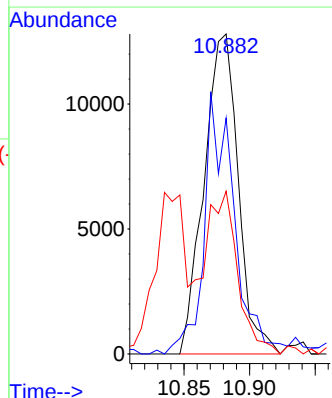
Tgt Ion: 69 Resp: 23221

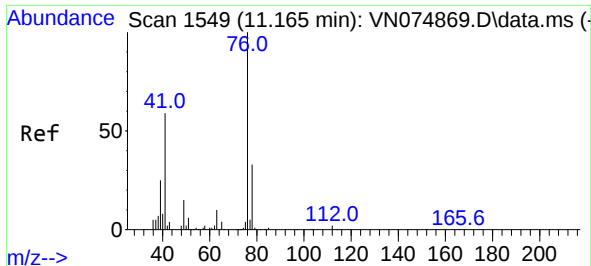
Ion Ratio Lower Upper

69 100

41 70.5 32.5 97.5

39 50.8 21.5 64.5





#52

1,3-Dichloropropane

Concen: 2.304 ug/l

RT: 11.170 min Scan# 1550

Delta R.T. 0.006 min

Lab File: VN074893.D

Acq: 13 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

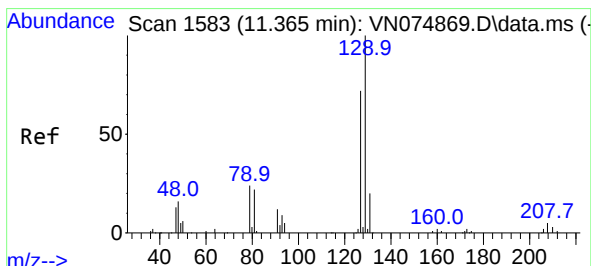
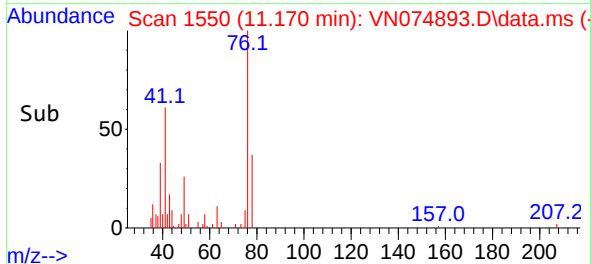
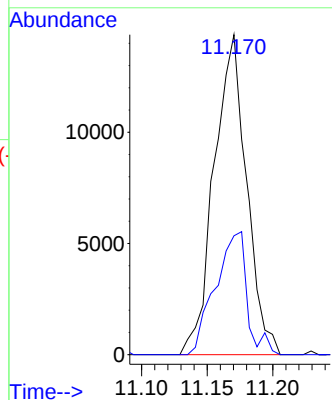
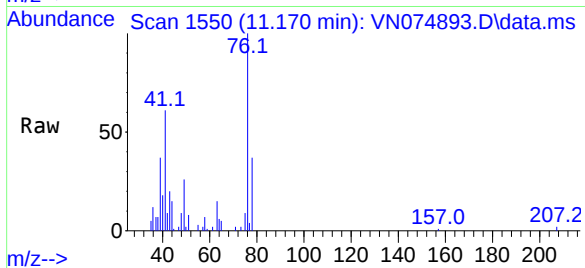
MDL-WATER-03-QT4-2022DL

Tgt Ion: 76 Resp: 24760

Ion Ratio Lower Upper

76 100

78 35.9 0.0 63.8



#53

Dibromochloromethane

Concen: 2.404 ug/l

RT: 11.364 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VN074893.D

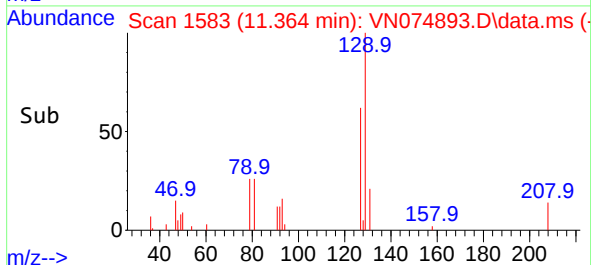
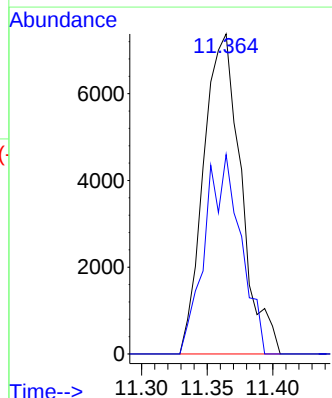
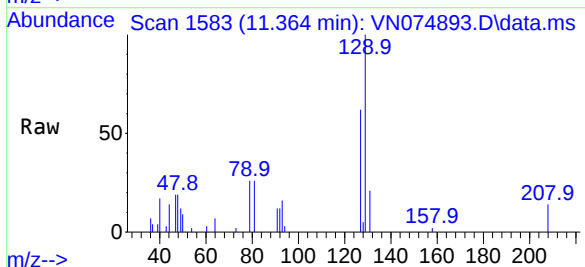
Acq: 13 Oct 2022 13:26

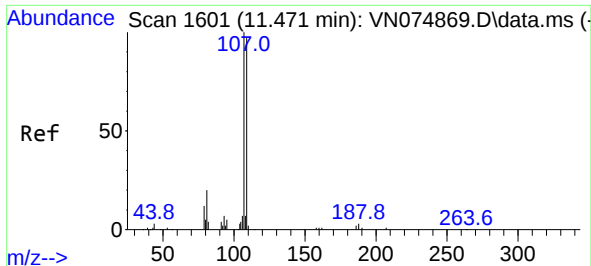
Tgt Ion: 129 Resp: 14661

Ion Ratio Lower Upper

129 100

127 59.6 40.6 121.7

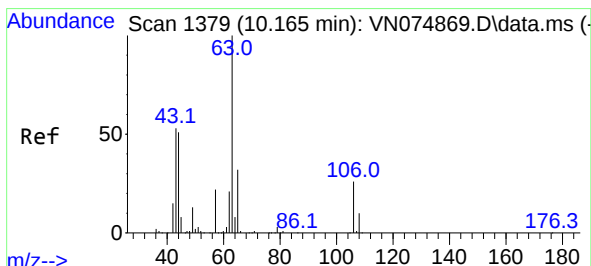
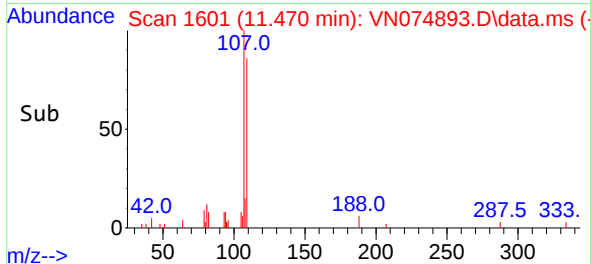
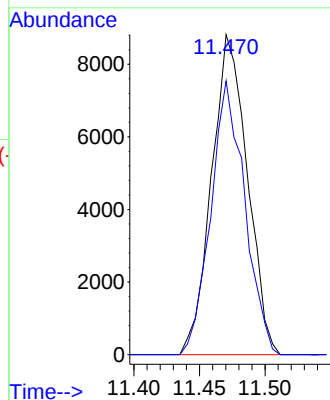
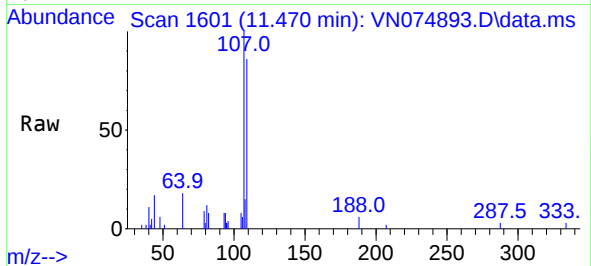




#54
1,2-Dibromoethane
Concen: 2.795 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

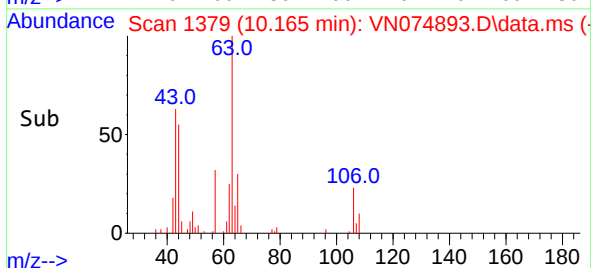
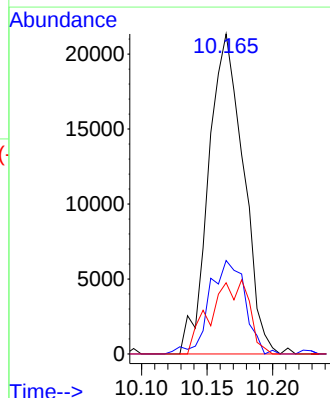
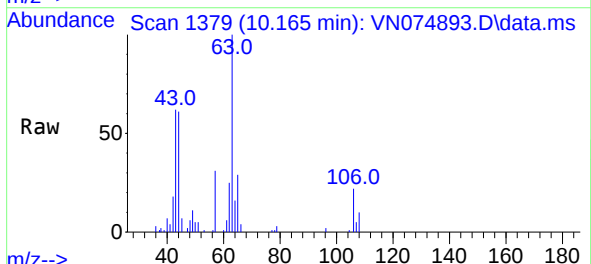
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

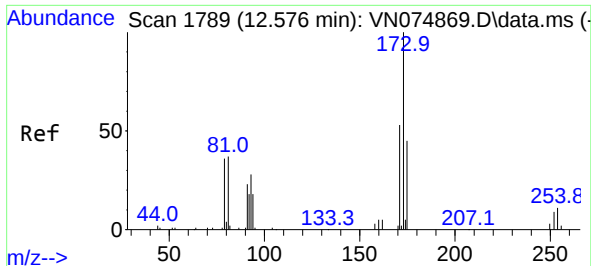
Tgt Ion:107 Resp: 16717
Ion Ratio Lower Upper
107 100
109 81.0 76.2 114.2



#55
2-Chloroethyl vinyl ether
Concen: 9.509 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 63 Resp: 39374
Ion Ratio Lower Upper
63 100
65 28.8 24.6 36.8
106 6.1 21.3 31.9#

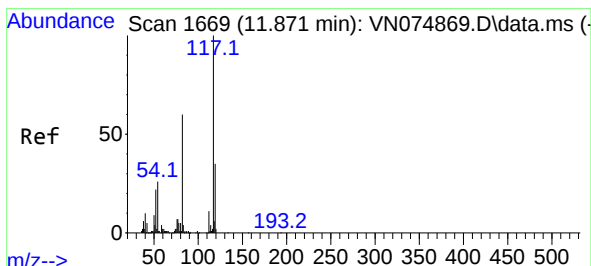
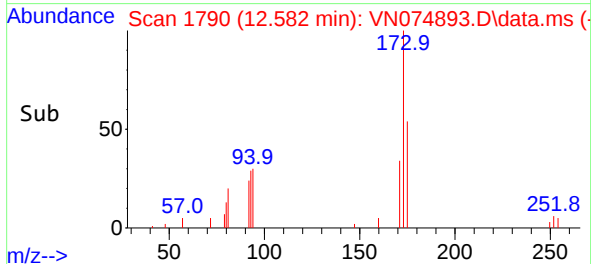
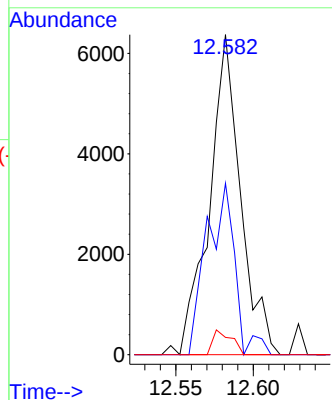
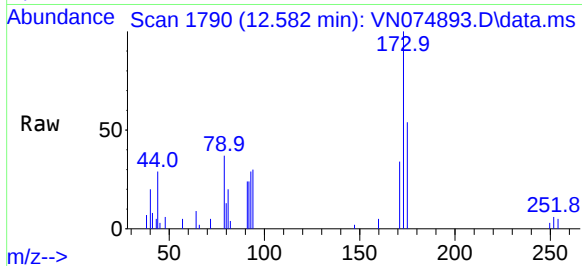




#56
Bromoform
Concen: 2.027 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

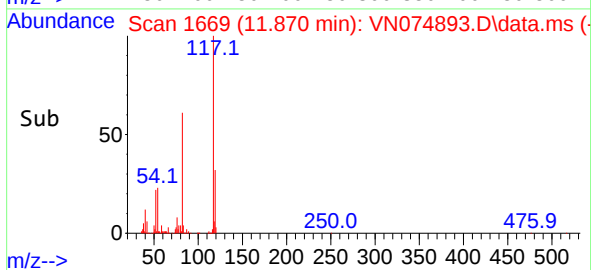
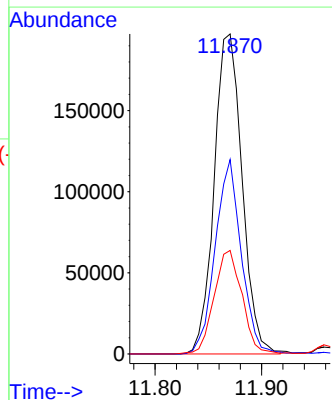
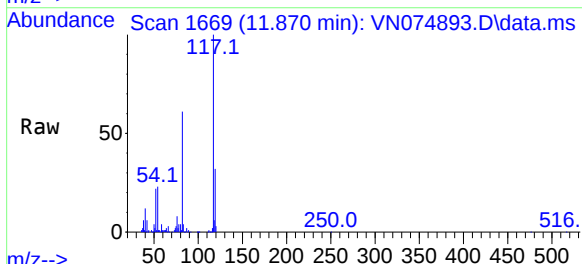
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

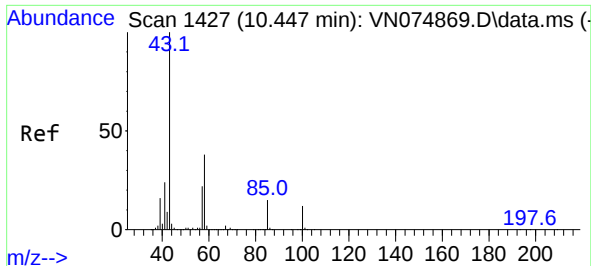
Tgt Ion:173 Resp: 8907
Ion Ratio Lower Upper
173 100
175 46.1 39.1 58.7
254 4.6 7.0 10.6#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion:117 Resp: 359198
Ion Ratio Lower Upper
117 100
82 56.7 44.6 67.0
119 32.2 25.6 38.4

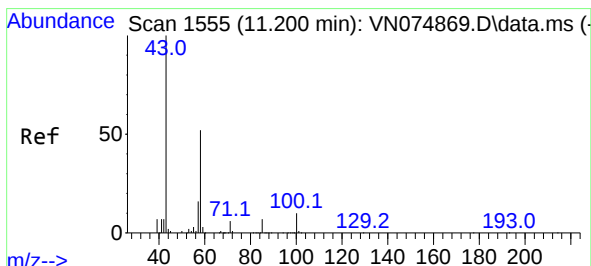
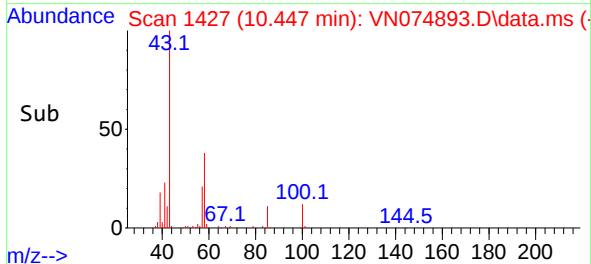
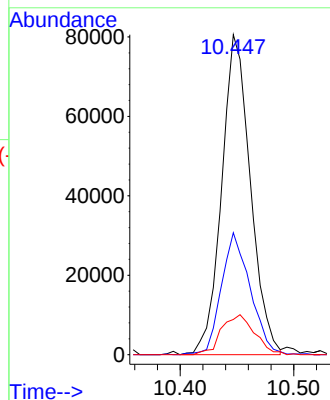
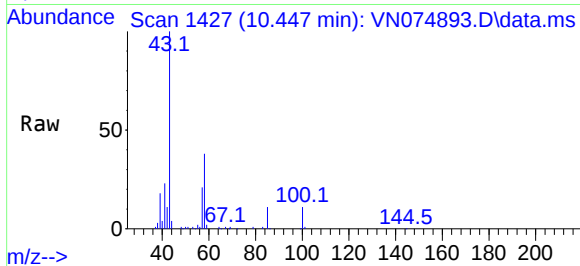




#58
4-Methyl-2-Pentanone
Concen: 12.676 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

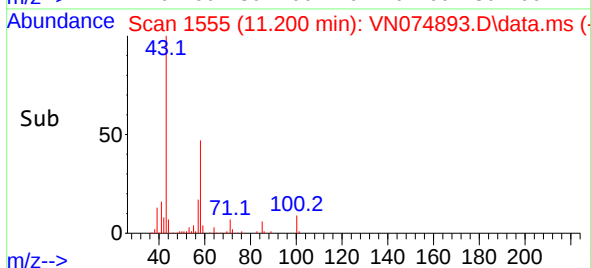
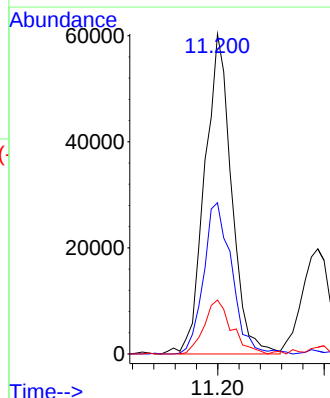
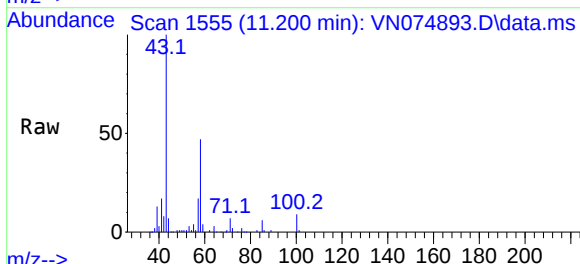
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

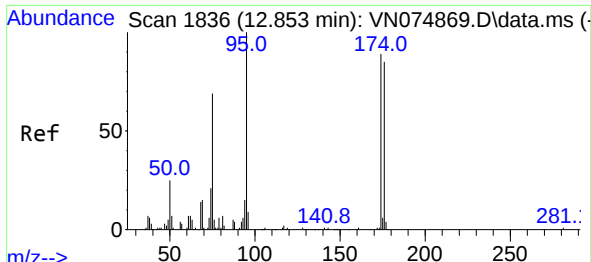
Tgt Ion: 43 Resp: 141604
Ion Ratio Lower Upper
43 100
58 38.3 30.8 46.2
85 14.0 13.3 19.9



#59
2-Hexanone
Concen: 12.218 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 43 Resp: 105043
Ion Ratio Lower Upper
43 100
58 49.5 43.6 65.4
57 17.4 14.3 21.5



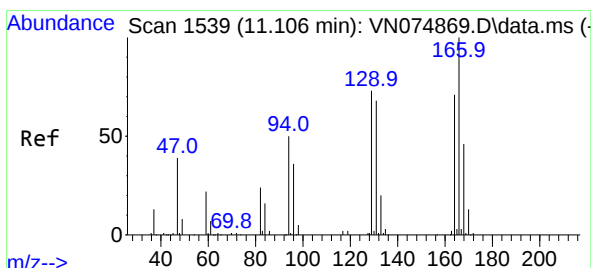
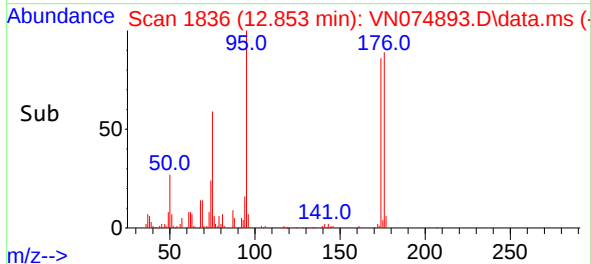
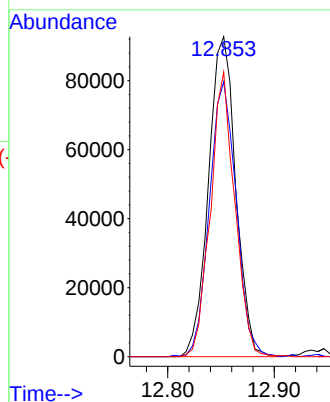
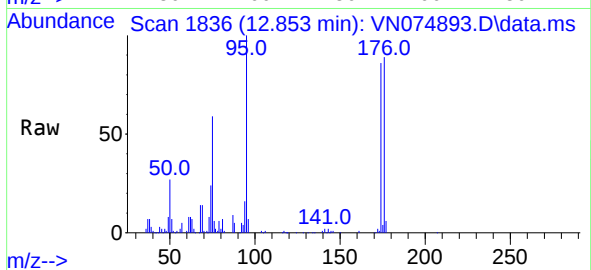


#60
4-Bromofluorobenzene
Concen: 25.944 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

Tgt Ion: 95 Resp: 165258

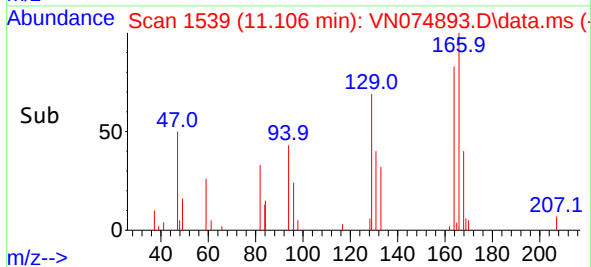
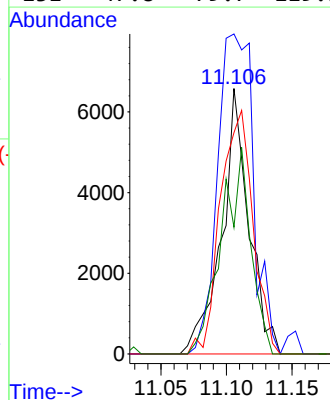
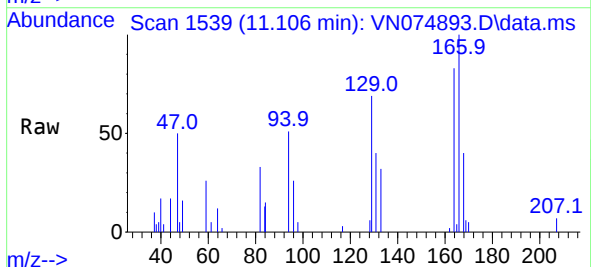
Ion	Ratio	Lower	Upper
95	100		
174	84.4	57.8	86.8
176	79.4	57.0	85.4

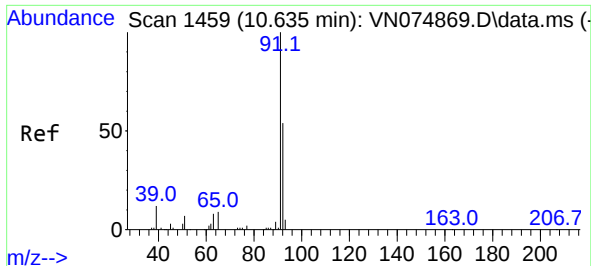


#61
Tetrachloroethene
Concen: 2.486 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 164 Resp: 9518

Ion	Ratio	Lower	Upper
164	100		
166	120.5	99.6	149.4
129	83.4	84.0	126.0#
131	47.8	79.7	119.5#

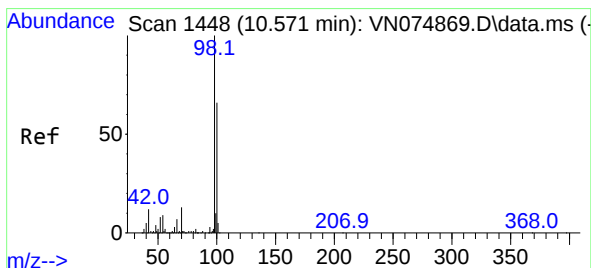
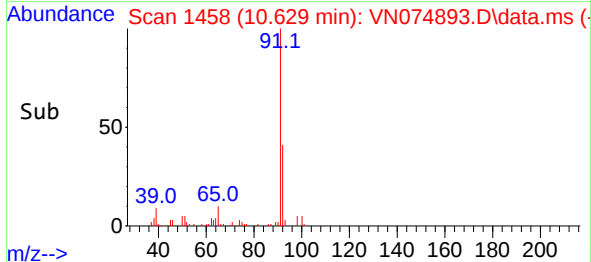
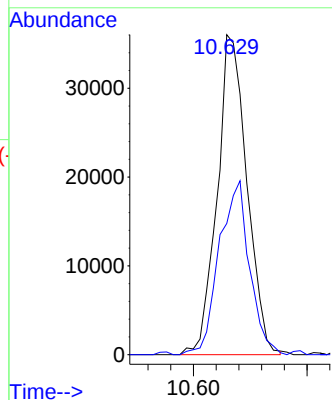
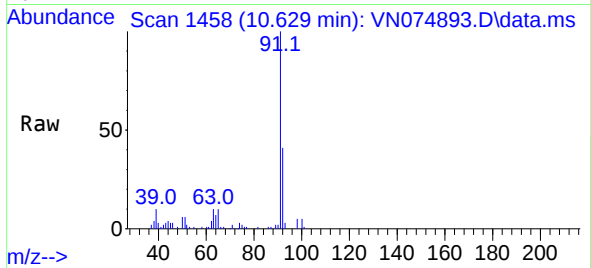




#62
Toluene
Concen: 2.641 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

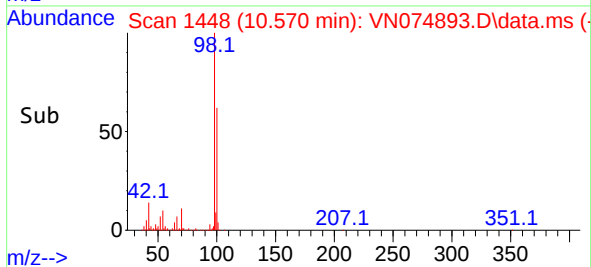
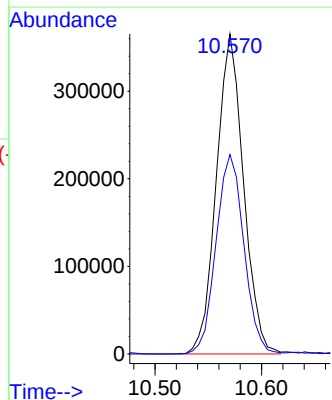
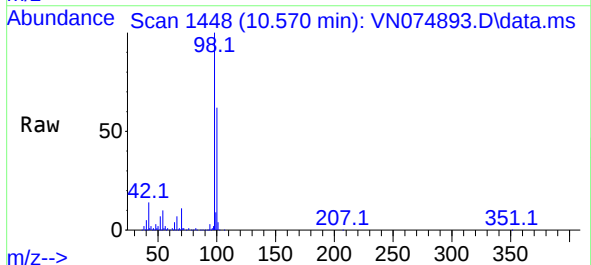
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

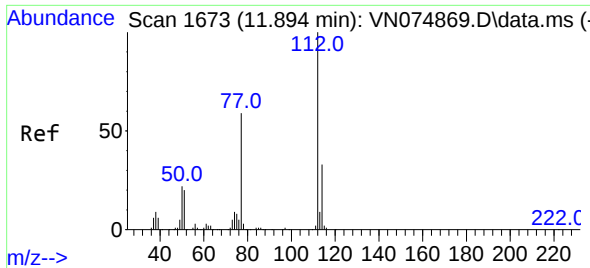
Tgt Ion: 91 Resp: 65542
Ion Ratio Lower Upper
91 100
92 55.3 46.0 69.0



#63
Toluene-d8
Concen: 31.225 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 98 Resp: 647330
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1

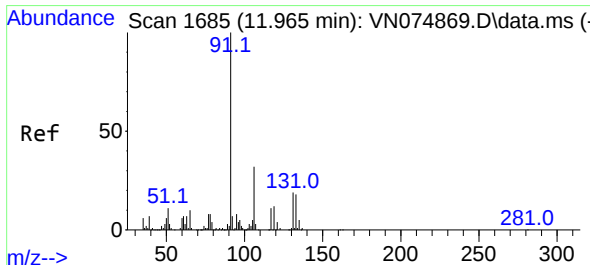
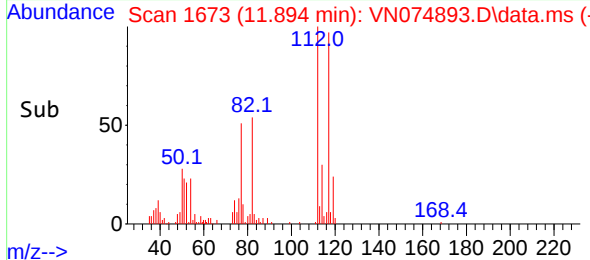
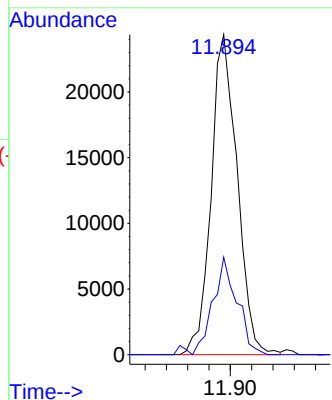
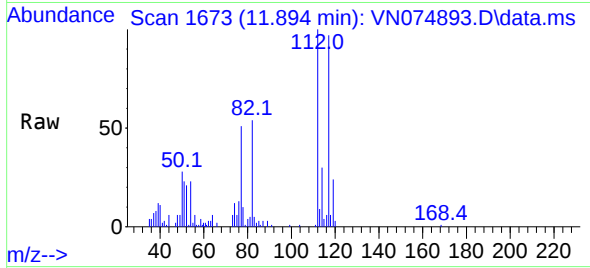




#64
Chlorobenzene
Concen: 2.929 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

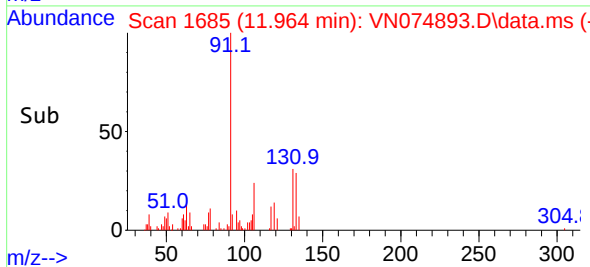
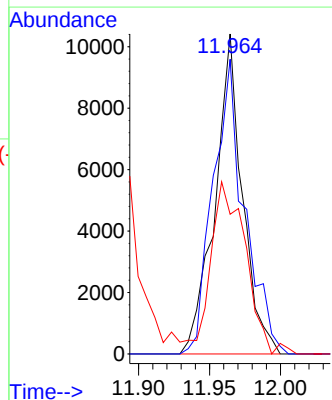
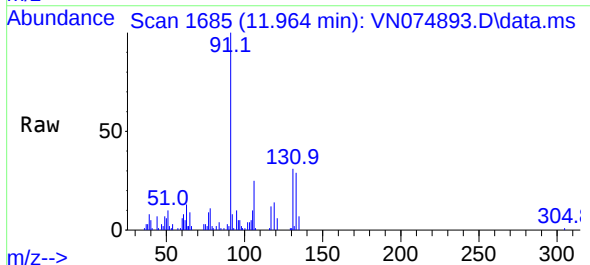
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

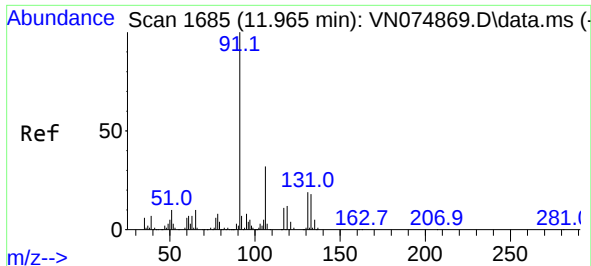
Tgt Ion:112 Resp: 41311
Ion Ratio Lower Upper
112 100
114 30.5 24.7 37.1



#65
1,1,1,2-Tetrachloroethane
Concen: 2.643 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion:131 Resp: 14041
Ion Ratio Lower Upper
131 100
133 105.0 0.0 191.8
119 65.0 0.0 135.8

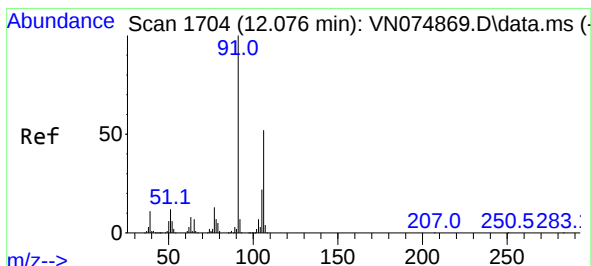
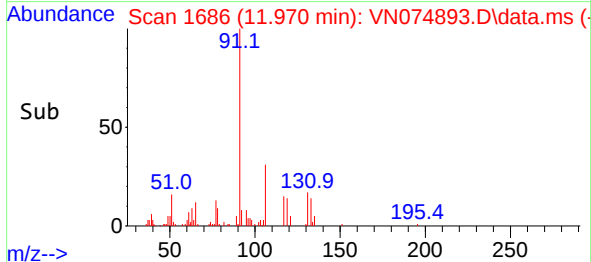
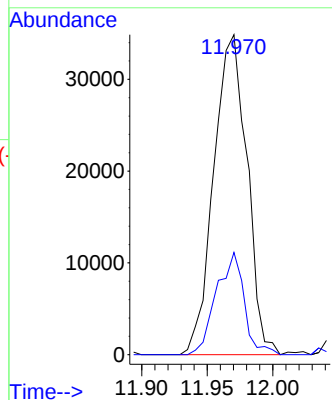
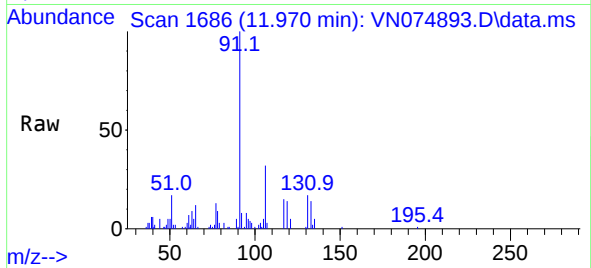




#66
Ethyl Benzene
Concen: 2.280 ug/l
RT: 11.970 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

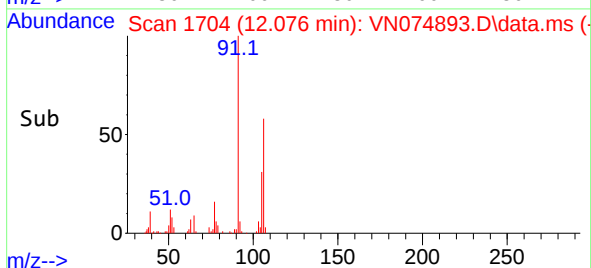
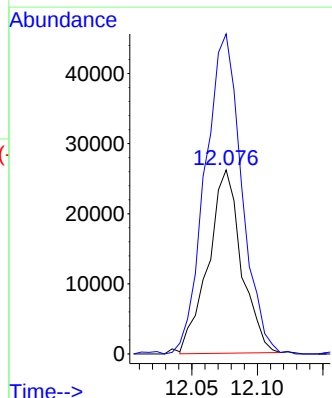
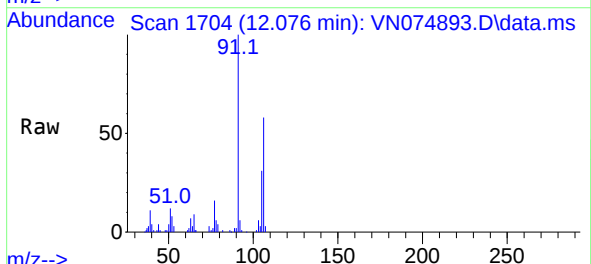
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

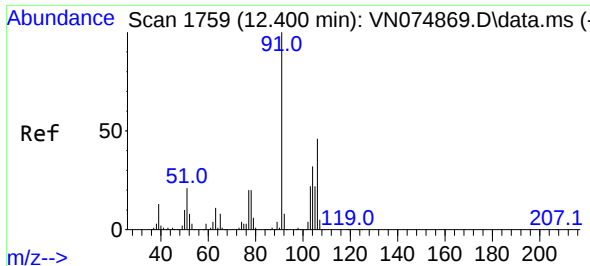
Tgt Ion: 91 Resp: 61539
Ion Ratio Lower Upper
91 100
106 32.0 24.1 36.1



#67
m/p-Xylenes
Concen: 4.531 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 106 Resp: 45931
Ion Ratio Lower Upper
106 100
91 193.0 164.2 246.4

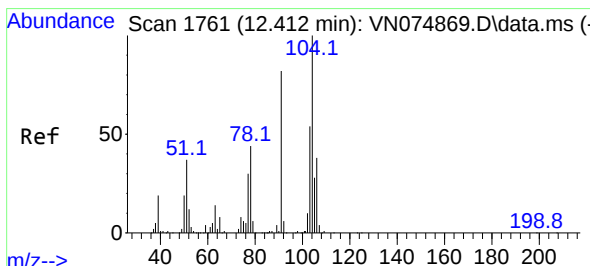
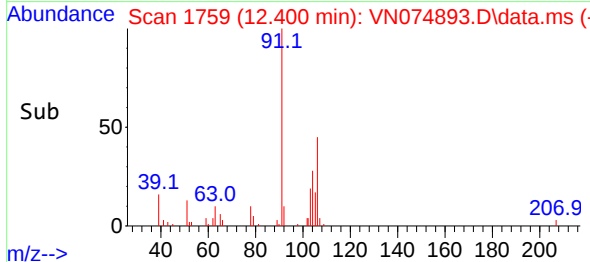
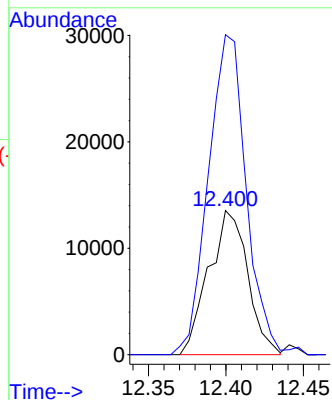
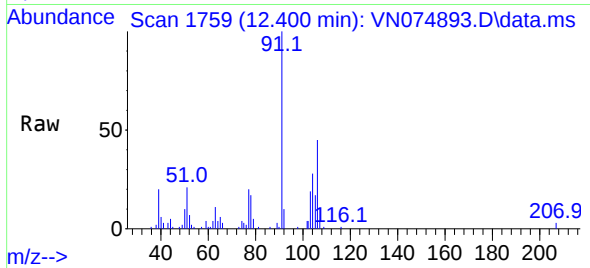




#68
o-Xylene
Concen: 2.297 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

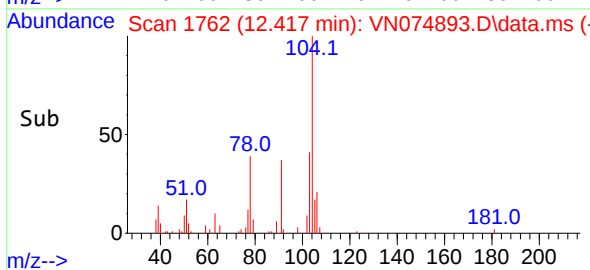
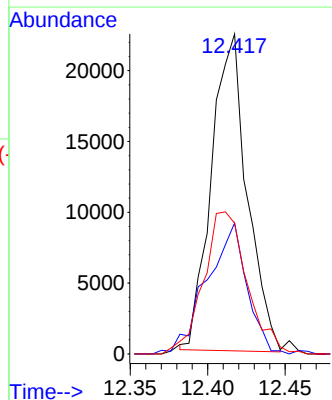
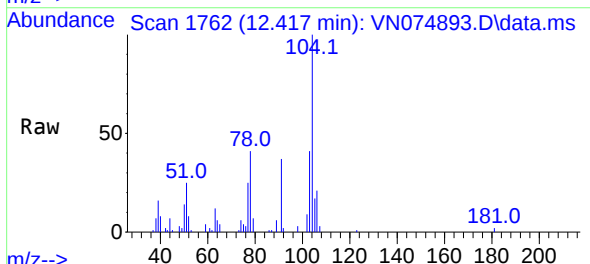
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

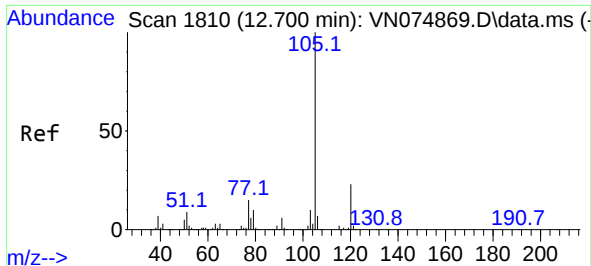
Tgt Ion:106 Resp: 23672
Ion Ratio Lower Upper
106 100
91 214.8 108.5 325.5



#69
Styrene
Concen: 2.127 ug/l
RT: 12.417 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion:104 Resp: 35875
Ion Ratio Lower Upper
104 100
78 46.4 39.9 59.9
103 54.7 43.8 65.8

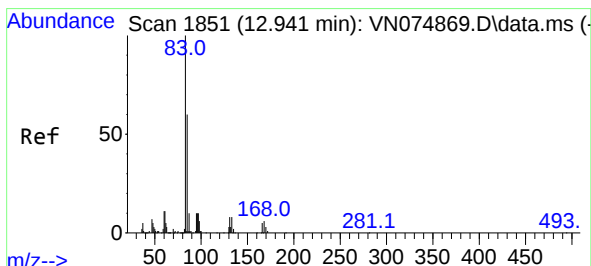
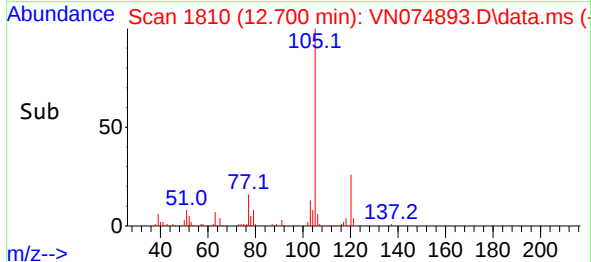
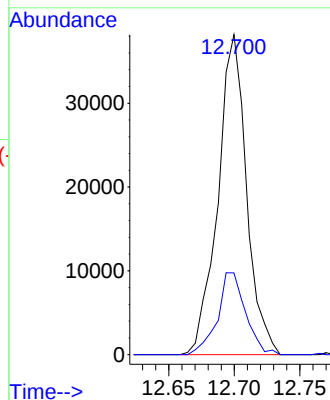
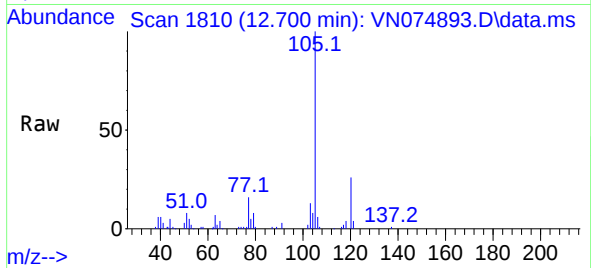




#70
Isopropylbenzene
Concen: 2.185 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

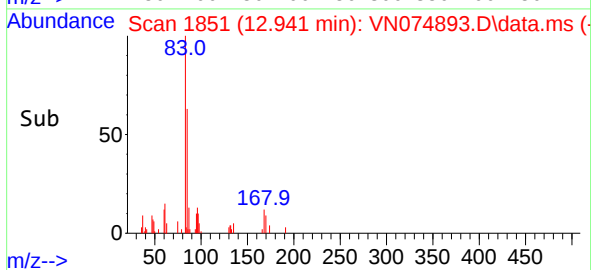
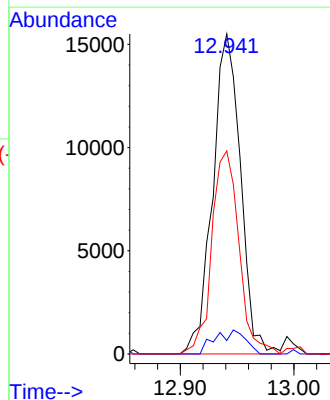
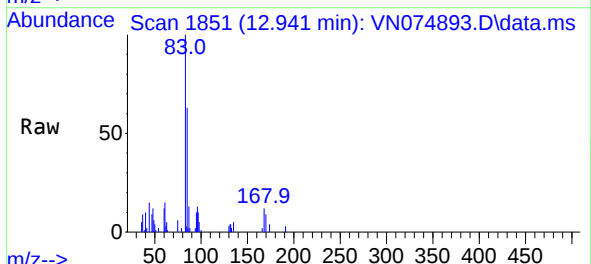
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

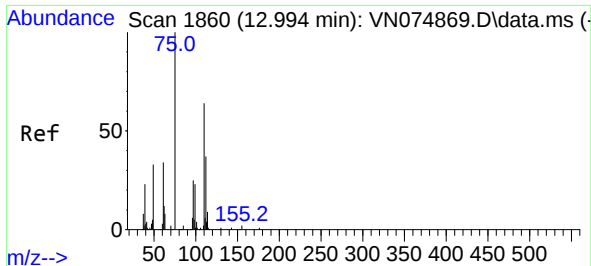
Tgt Ion:105 Resp: 58059
Ion Ratio Lower Upper
105 100
120 25.1 18.5 34.3



#71
1,1,2,2-Tetrachloroethane
Concen: 2.655 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 83 Resp: 26398
Ion Ratio Lower Upper
83 100
131 8.2 4.5 13.5
85 61.7 30.9 92.7

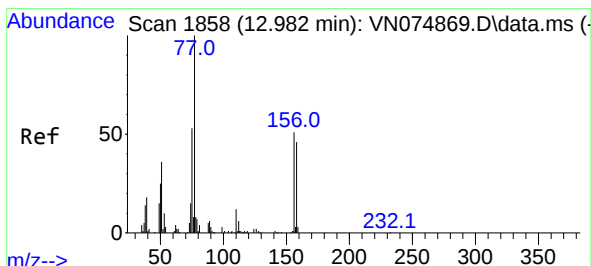
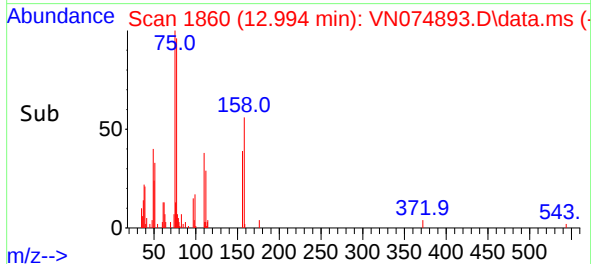
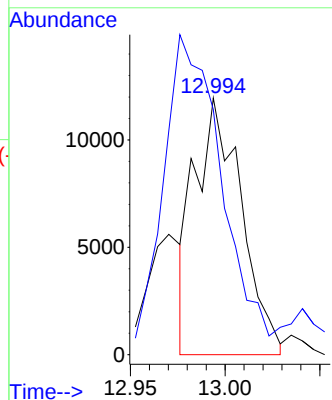
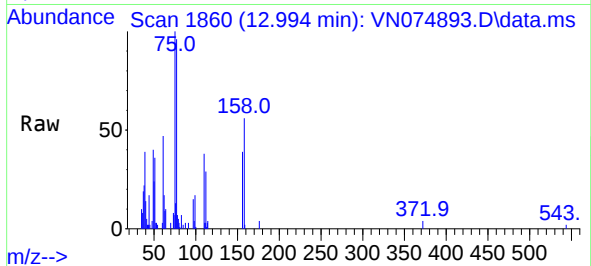




#72
1,2,3-Trichloropropane
Concen: 2.429 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

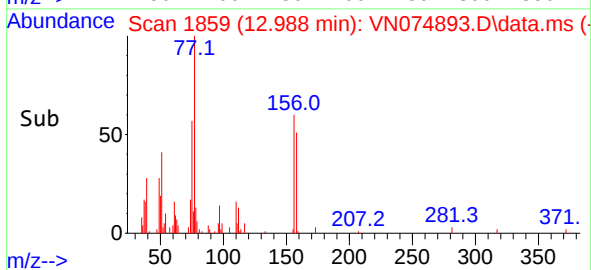
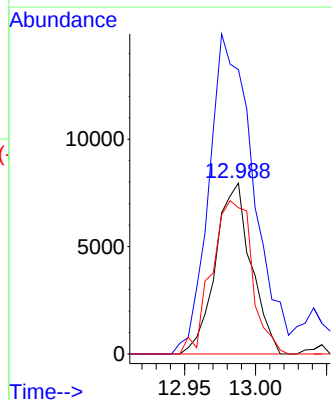
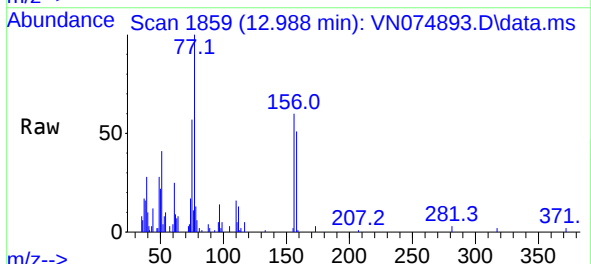
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

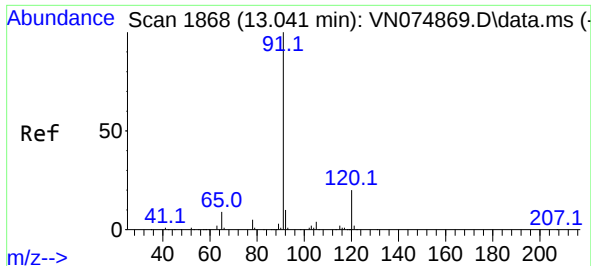
Tgt Ion: 75 Resp: 20290
Ion Ratio Lower Upper
75 100
77 0.0 0.0 372.4



#73
Bromobenzene
Concen: 2.489 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 156 Resp: 13864
Ion Ratio Lower Upper
156 100
77 232.0 0.0 491.8
158 66.6 0.0 185.0

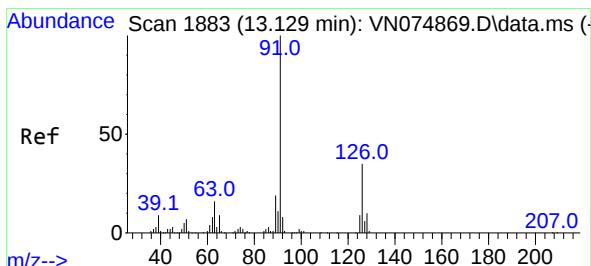
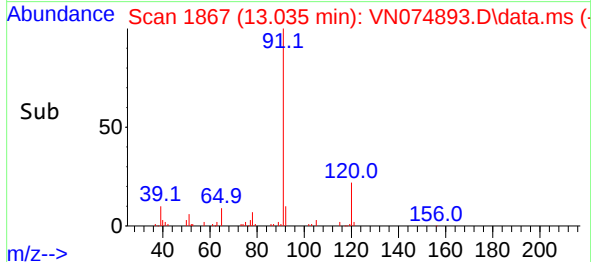
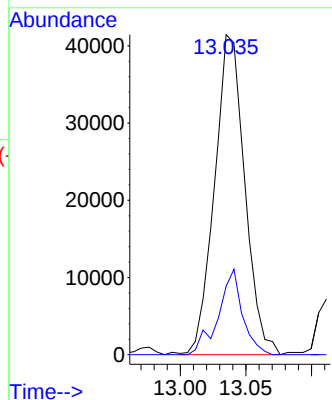
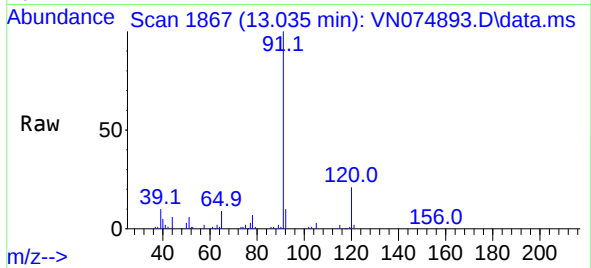




#74
n-propylbenzene
Concen: 2.143 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

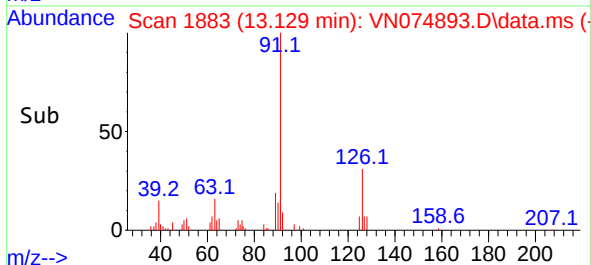
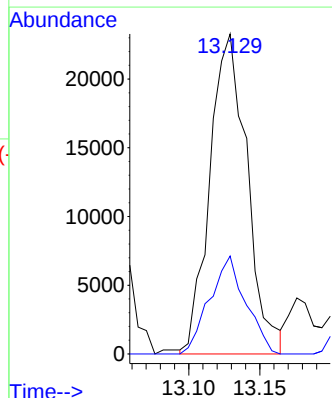
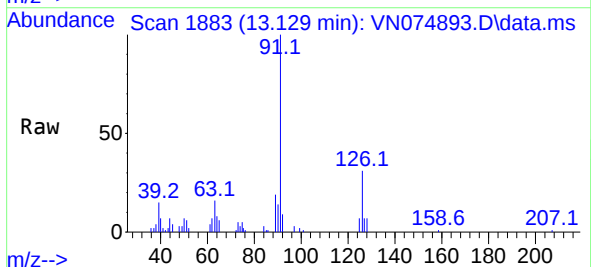
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

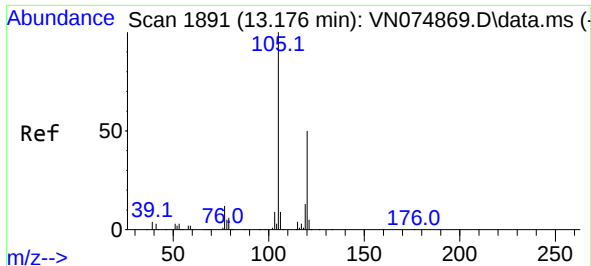
Tgt Ion: 91 Resp: 66397
Ion Ratio Lower Upper
91 100
120 21.4 0.0 44.6



#75
2-Chlorotoluene
Concen: 2.348 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 91 Resp: 42559
Ion Ratio Lower Upper
91 100
126 29.6 0.0 66.2

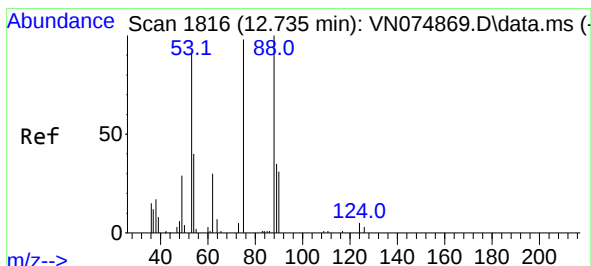
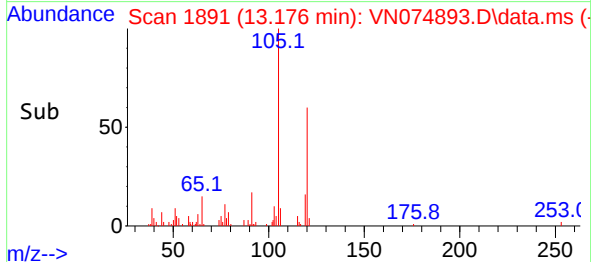
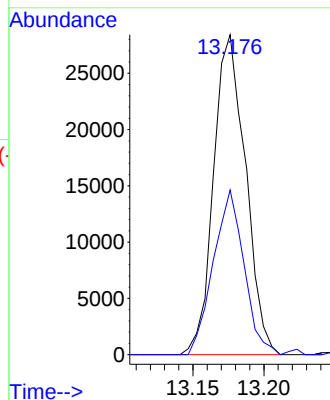
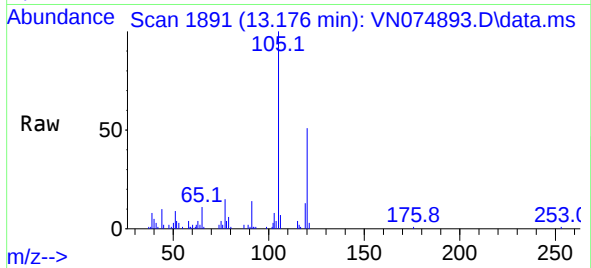




#76
1,3,5-Trimethylbenzene
Concen: 2.061 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

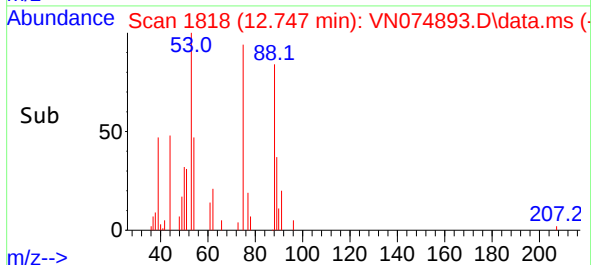
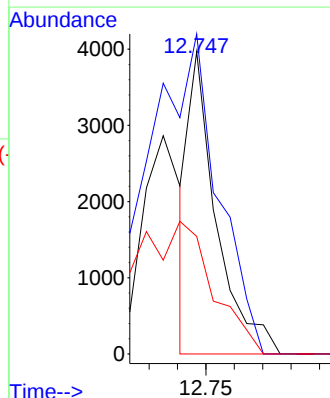
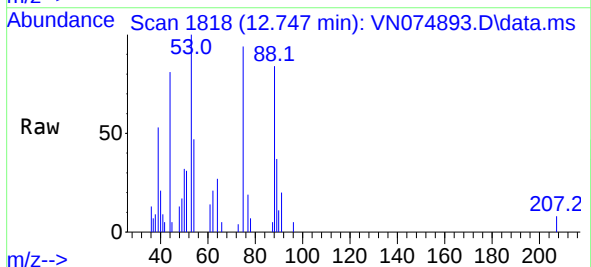
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

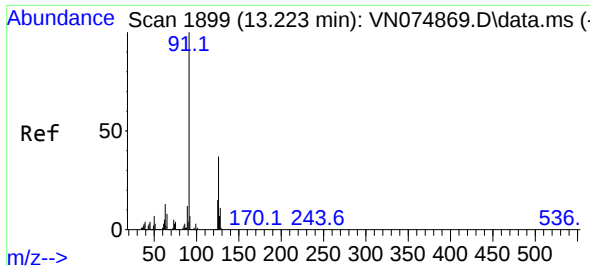
Tgt Ion:105 Resp: 44514
Ion Ratio Lower Upper
105 100
120 49.4 0.0 97.4



#77
t-1,4-Dichloro-2-butene
Concen: 0.760 ug/l
RT: 12.747 min Scan# 1818
Delta R.T. 0.011 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 75 Resp: 2639
Ion Ratio Lower Upper
75 100
53 105.9 43.3 129.9
89 38.9 21.1 63.1

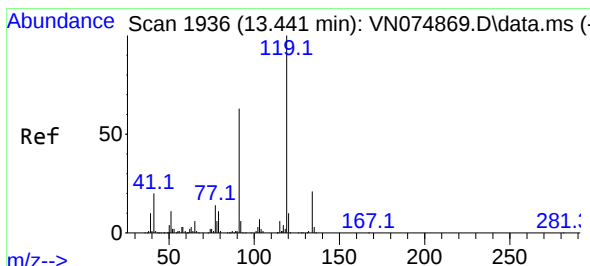
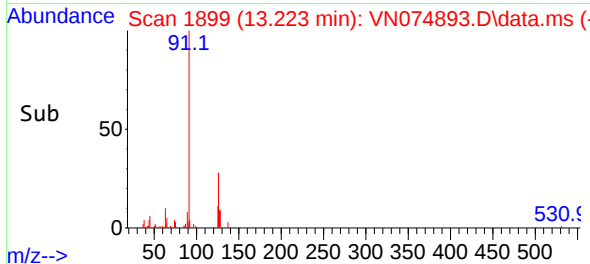
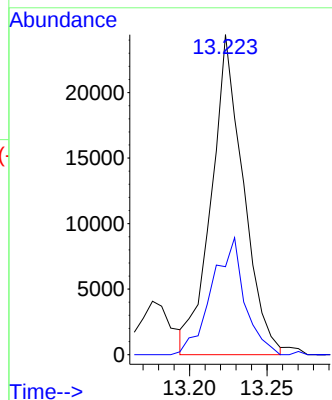
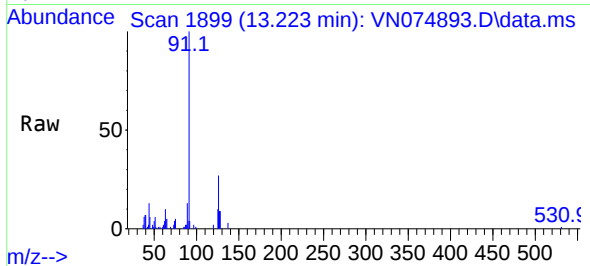




#78
4-Chlorotoluene
Concen: 2.021 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

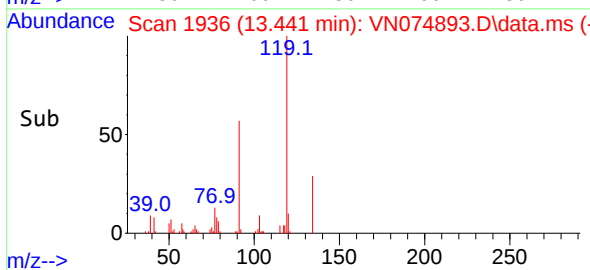
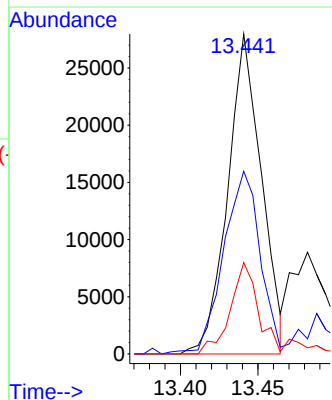
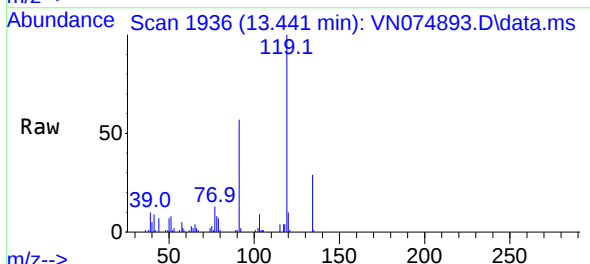
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

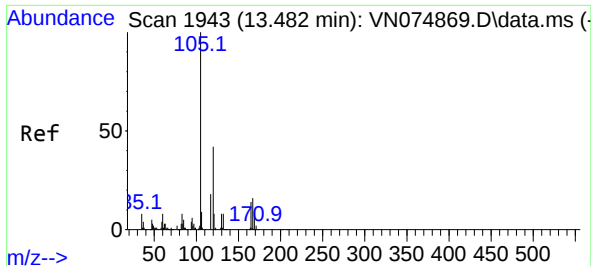
Tgt Ion: 91 Resp: 34962
Ion Ratio Lower Upper
91 100
126 37.7 0.0 67.8



#79
tert-butylbenzene
Concen: 2.207 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 119 Resp: 42408
Ion Ratio Lower Upper
119 100
91 61.1 0.0 129.0
134 23.5 0.0 52.2

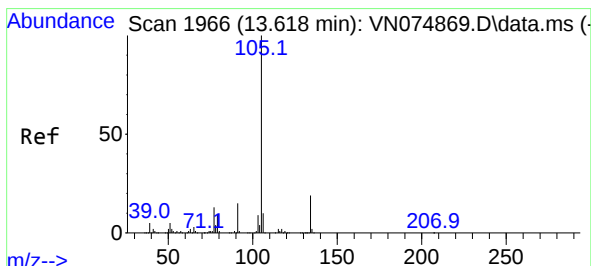
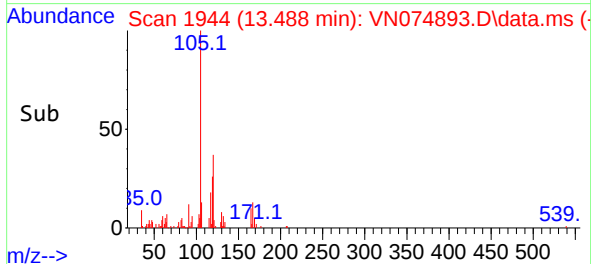
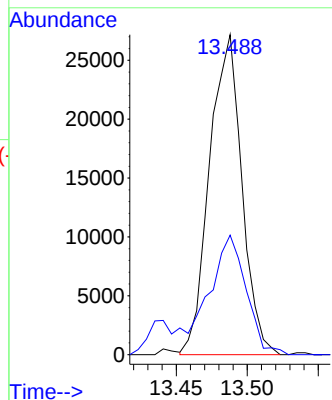
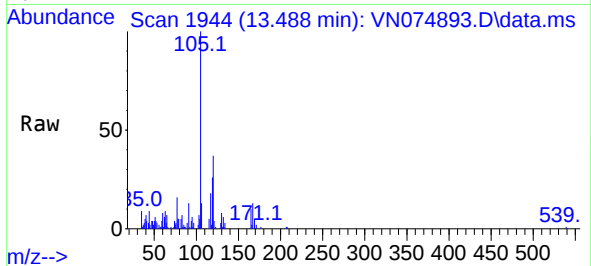




#80
1,2,4-Trimethylbenzene
Concen: 1.980 ug/l
RT: 13.488 min Scan# 1943
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

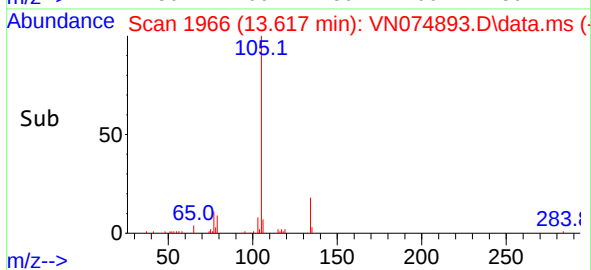
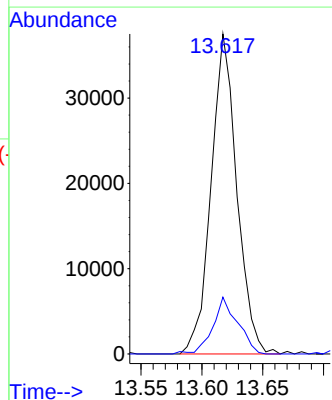
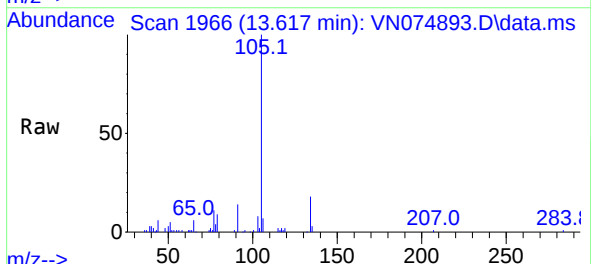
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

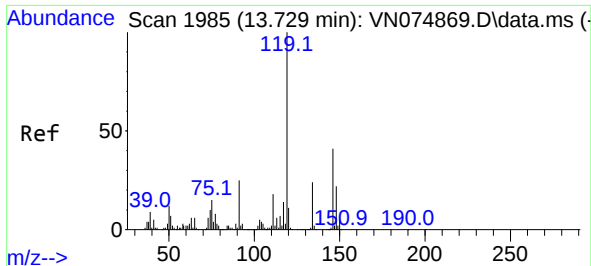
Tgt Ion:105 Resp: 43029
Ion Ratio Lower Upper
105 100
120 40.7 0.0 93.2



#81
sec-Butylbenzene
Concen: 1.999 ug/l
RT: 13.617 min Scan# 1966
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion:105 Resp: 55188
Ion Ratio Lower Upper
105 100
134 16.8 0.0 38.8

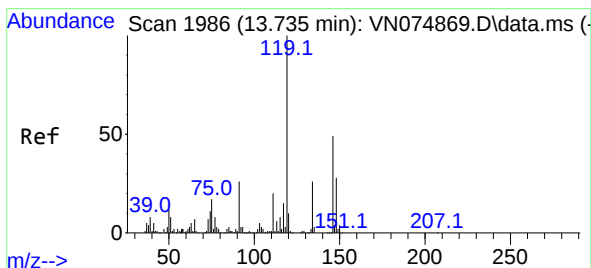
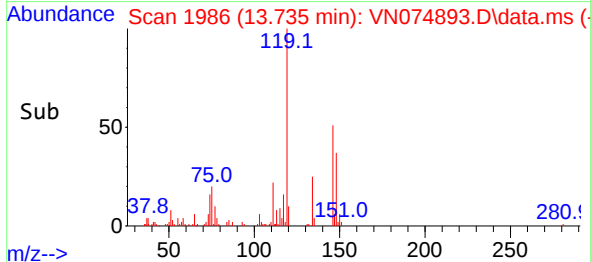
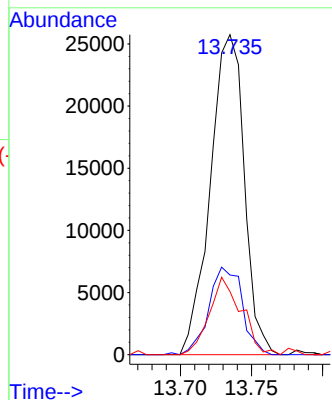
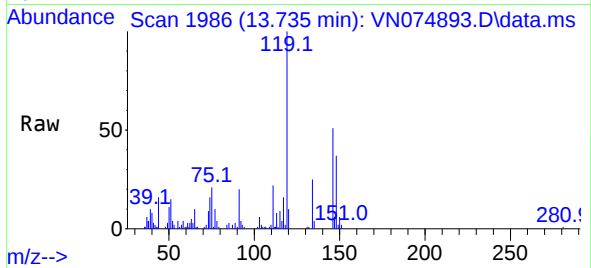




#82
p-Isopropyltoluene
Concen: 1.950 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

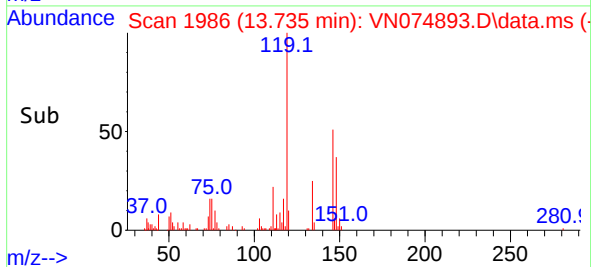
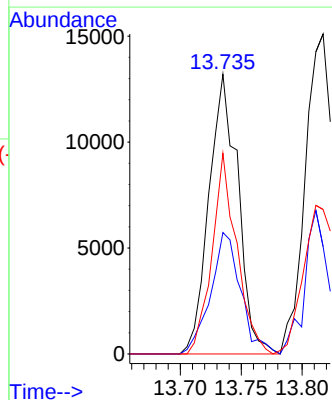
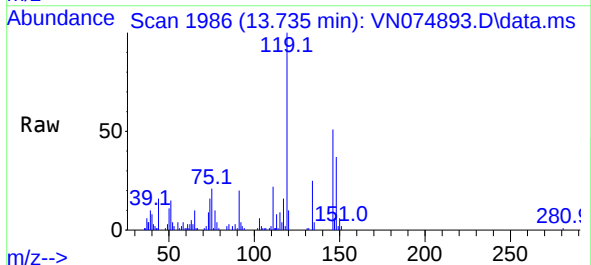
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2022DL

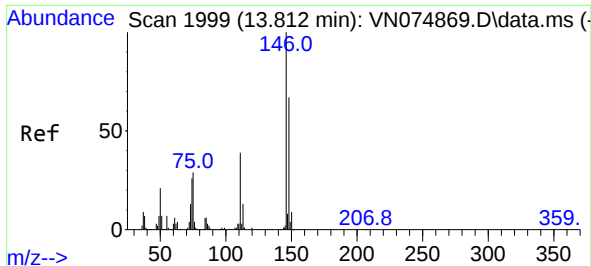
Tgt Ion:119 Resp: 42781
Ion Ratio Lower Upper
119 100
134 26.9 0.0 51.4
91 22.9 0.0 46.8



#83
1,3-Dichlorobenzene
Concen: 2.018 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion:146 Resp: 21925
Ion Ratio Lower Upper
146 100
111 42.7 20.5 61.5
148 61.3 31.0 93.0

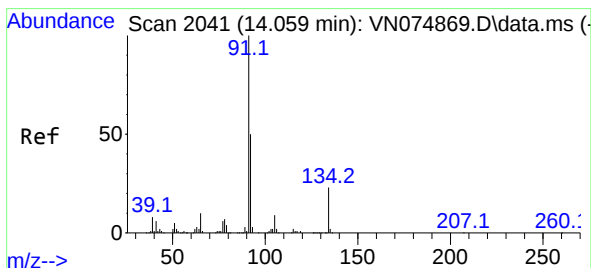
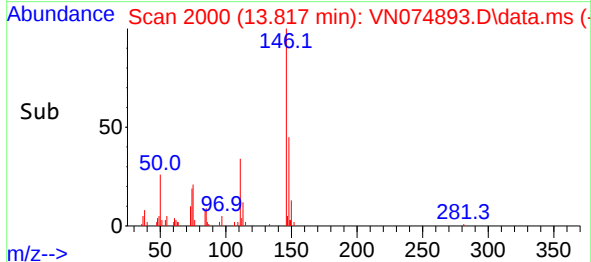
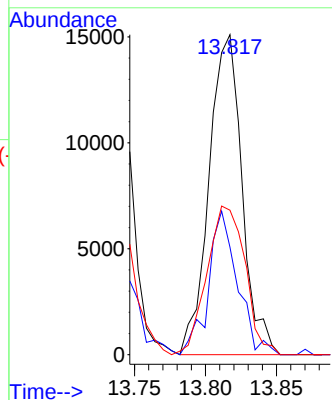
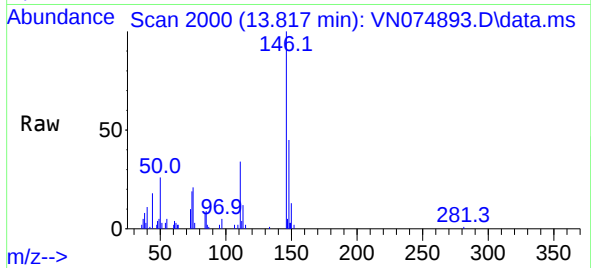




#84
1,4-Dichlorobenzene
Concen: 2.341 ug/l
RT: 13.817 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

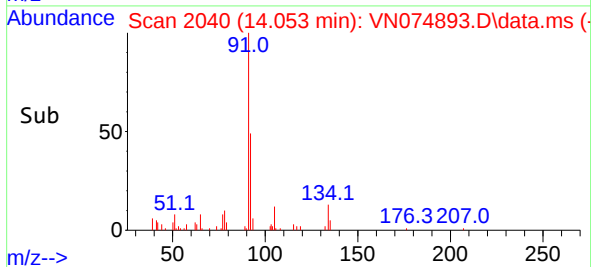
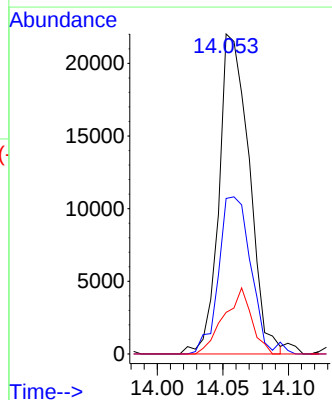
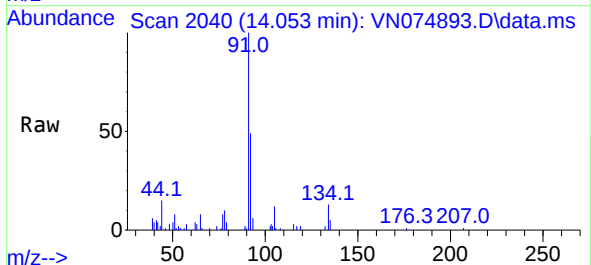
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

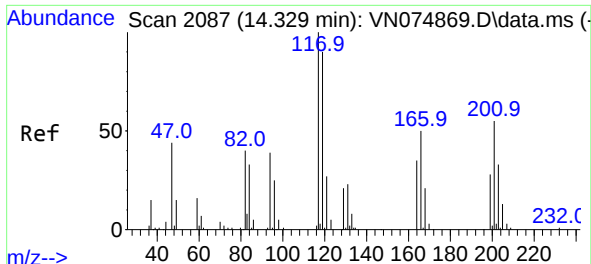
Tgt Ion:146 Resp: 24433
Ion Ratio Lower Upper
146 100
111 33.1 19.1 57.5
148 53.6 31.7 95.1



#85
n-Butylbenzene
Concen: 1.817 ug/l
RT: 14.053 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 91 Resp: 35193
Ion Ratio Lower Upper
91 100
92 51.8 0.0 105.4
134 18.9 0.0 46.4

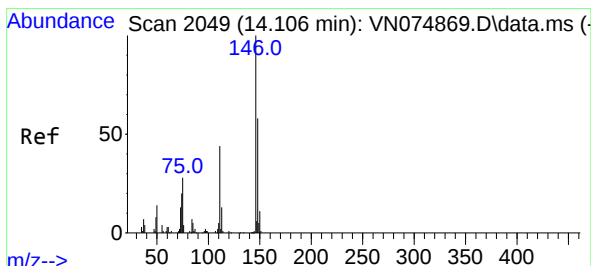
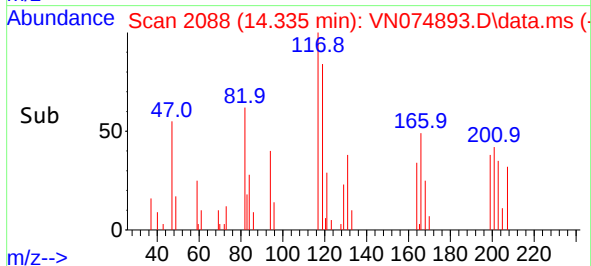
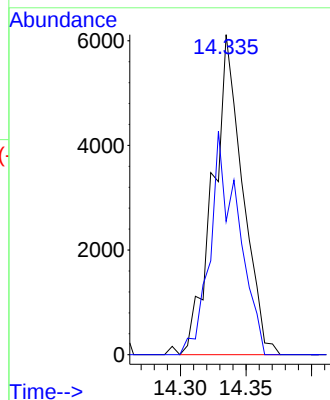
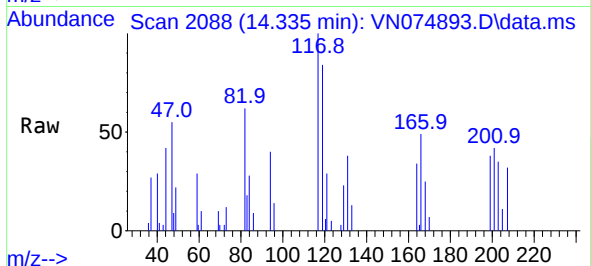




#86
Hexachloroethane
Concen: 2.240 ug/l
RT: 14.335 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

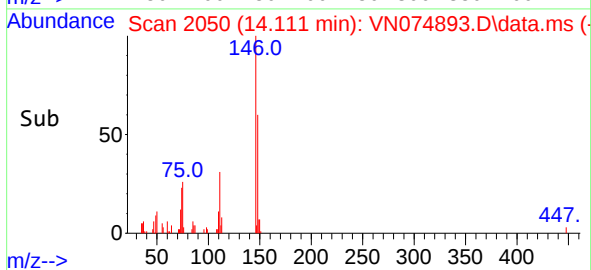
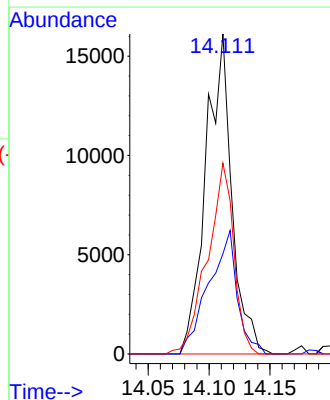
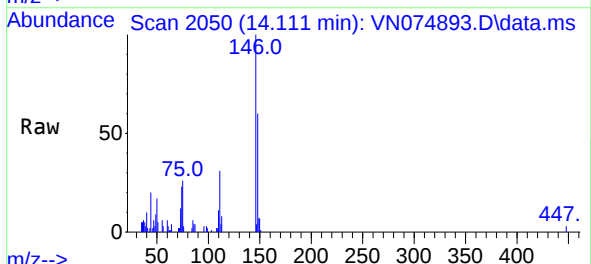
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

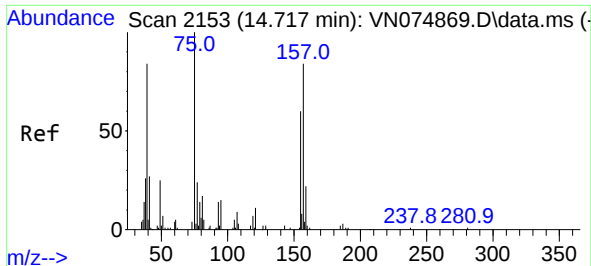
Tgt Ion:117 Resp: 9626
Ion Ratio Lower Upper
117 100
201 66.4 29.4 88.3



#87
1,2-Dichlorobenzene
Concen: 2.220 ug/l
RT: 14.111 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

Tgt Ion:146 Resp: 23954
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 60.5 30.6 92.0

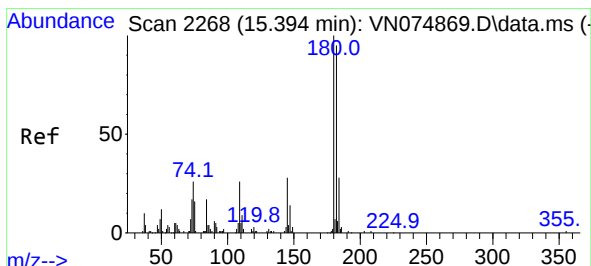
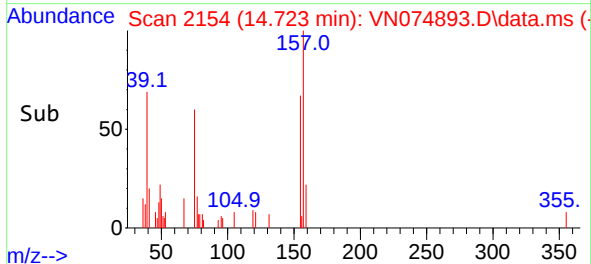
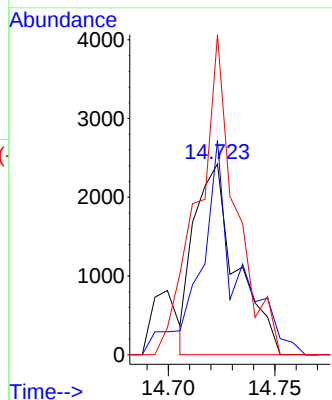
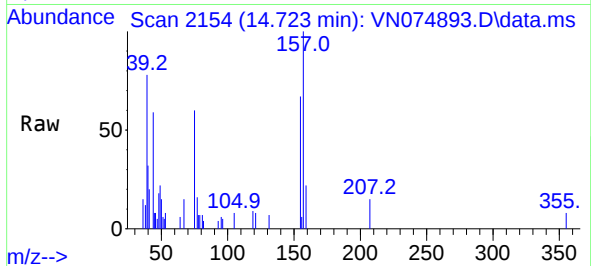




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 1.673 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. 0.006 min
 Lab File: VN074893.D
 Acq: 13 Oct 2022 13:26

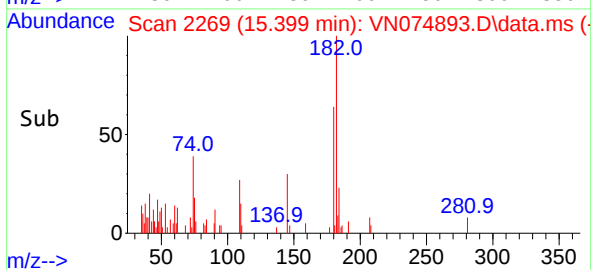
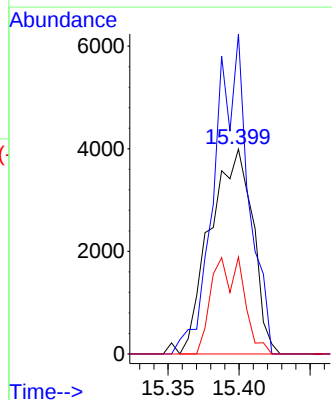
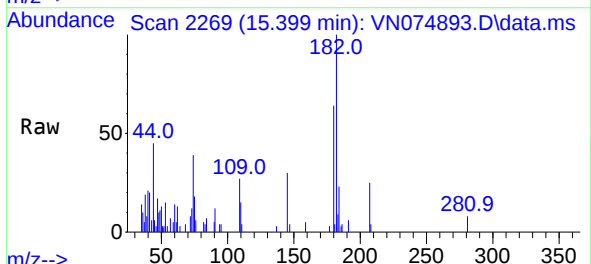
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2022DL

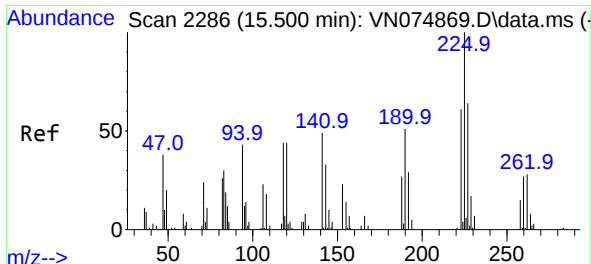
Tgt Ion: 75 Resp: 3357
 Ion Ratio Lower Upper
 75 100
 155 60.6 66.3 99.5#
 157 149.5 84.3 126.5#



#89
 1,2,4-Trichlorobenzene
 Concen: 1.697 ug/l
 RT: 15.399 min Scan# 2269
 Delta R.T. 0.006 min
 Lab File: VN074893.D
 Acq: 13 Oct 2022 13:26

Tgt Ion: 180 Resp: 8361
 Ion Ratio Lower Upper
 180 100
 182 120.2 74.9 112.3#
 145 21.7 26.3 39.5#

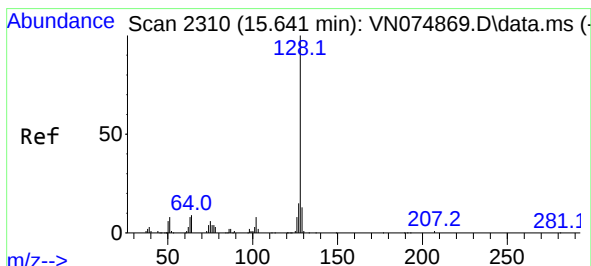
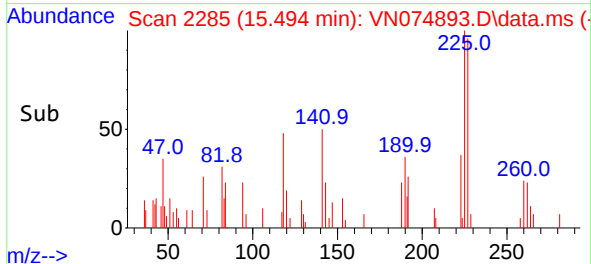
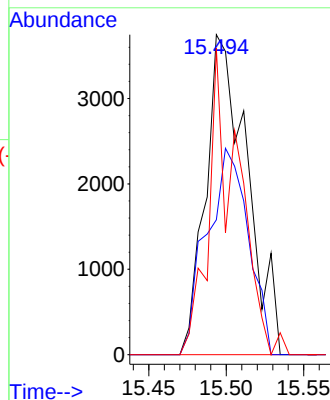
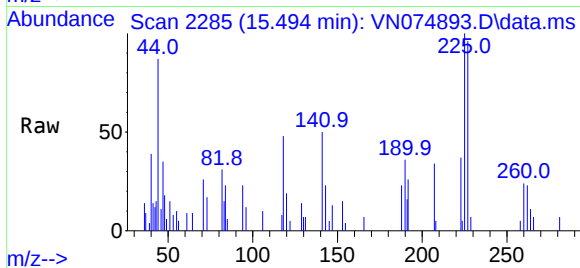




#90
Hexachlorobutadiene
Concen: 2.884 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

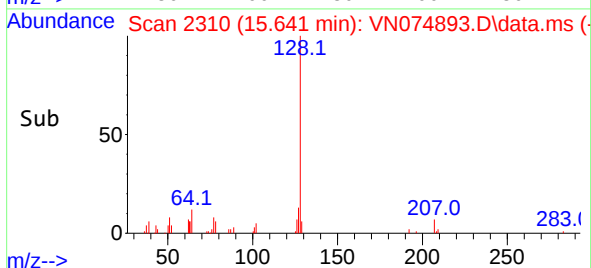
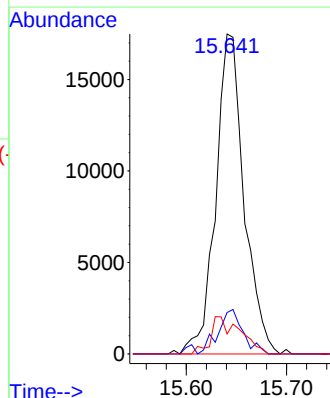
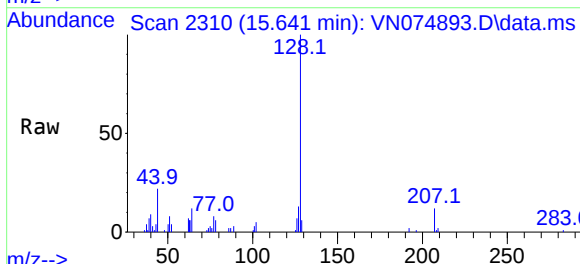
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2022DL

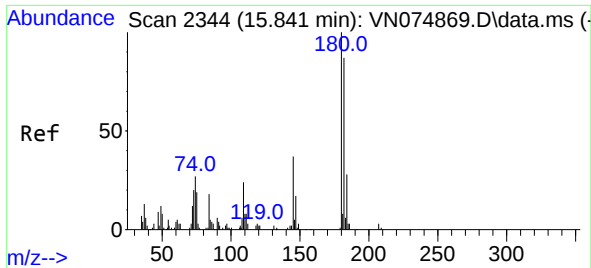
Tgt Ion:	225	Resp:	6929
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	125.0
227	36.4	0.0	123.0



#91
Naphthalene
Concen: 1.750 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074893.D
Acq: 13 Oct 2022 13:26

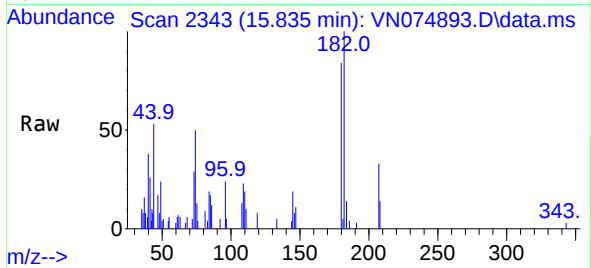
Tgt Ion:	128	Resp:	34211
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.7	16.1
129	5.7	8.9	13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 1.733 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074893.D
 Acq: 13 Oct 2022 13:26

Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT4-2022DL



Tgt Ion:	180	Resp:	8932
Ion	Ratio	Lower	Upper
180	100		
182	117.5	0.0	185.4
145	38.1	0.0	68.6

