

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074884.D
 Acq On : 12 Oct 2022 18:45
 Operator : JC\MD
 Sample : N4955-07 4.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Oct 13 08:01:27 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	7.824	128	65363	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	390685	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	362899	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	198793	32.486	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.300%	
60) 4-Bromofluorobenzene	12.847	95	163692	25.436	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 84.800%	
63) Toluene-d8	10.571	98	631916	30.171	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.567%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	17762	4.894	ug/l	79
3) Chloromethane	2.383	50	34172	5.821	ug/l	96
4) Vinyl Chloride	2.536	62	44642	5.164	ug/l #	83
6) Chloroethane	3.124	64	20333	3.136	ug/l	98
7) Trichlorofluoromethane	3.512	101	35925	5.575	ug/l #	64
8) Diethyl Ether	3.983	74	9660	3.215	ug/l	49
9) 1,1,2-Trichlorotrifluo...	4.365	101	3817	0.941	ug/l #	5
10) 1,1-Dichloroethene	4.359	96	14282	3.580	ug/l	91
11) Methyl Iodide	4.606	142	7738	1.554	ug/l	85
12) Methyl Acetate	5.059	43	51526	5.359	ug/l	96
13) Acrolein	4.206	56	19299	14.206	ug/l #	65
14) Acrylonitrile	5.742	53	84667	23.611	ug/l	94
15) Acetone	4.459	58	24729	25.162	ug/l	78
16) Carbon Disulfide	4.724	76	47882	4.672	ug/l	99
17) Allyl chloride	5.059	41	9831	1.238	ug/l	94
18) Methylene Chloride	5.300	84	23616	4.566	ug/l #	74
19) trans-1,2-Dichloroethene	5.806	96	18060	4.124	ug/l	93
20) Diisopropyl ether	6.689	45	44156	2.382	ug/l #	56
21) 1,1-Dichloroethane	6.589	63	46824	4.964	ug/l	98
22) cis-1,2-Dichloroethene	7.500	96	23750	4.331	ug/l	90
23) tert-Butyl Alcohol	5.547	59	19953	13.205	ug/l #	99
24) Methyl tert-Butyl Ether	5.806	73	36212	2.174	ug/l #	41
25) Chloroform	7.977	83	45764	4.886	ug/l #	74
26) Cyclohexane	8.271	56	36470	4.402	ug/l #	92
29) 1,1-Dichloropropene	8.371	75	14947	2.120	ug/l	77
30) 2-Butanone	7.500	43	122488	21.778	ug/l #	96
31) 2,2-Dichloropropane	7.494	77	19990	2.317	ug/l	96
32) 1,1,1-Trichloroethane	8.183	97	36679	4.339	ug/l #	89
33) Carbon Tetrachloride	8.371	117	27673	3.986	ug/l	89
34) Benzene	8.618	78	95735	4.109	ug/l	97
35) Methacrylonitrile	7.800	41	21361	3.695	ug/l	85
36) 1,2-Dichloroethane	8.683	62	35802	4.614	ug/l	96
37) Trichloroethene	9.359	130	19782	4.082	ug/l #	77
38) Methylcyclohexane	9.600	83	36752	4.292	ug/l	85
39) 1,2-Dichloropropane	9.624	63	26370	4.366	ug/l	97
40) Dibromomethane	9.712	93	17468	4.364	ug/l	98
41) Bromodichloromethane	9.888	83	32659	4.189	ug/l #	94
42) Vinyl Acetate	6.624	43	316659	18.900	ug/l #	94
43) Ethyl Acetate	7.577	43	44578	4.076	ug/l	96

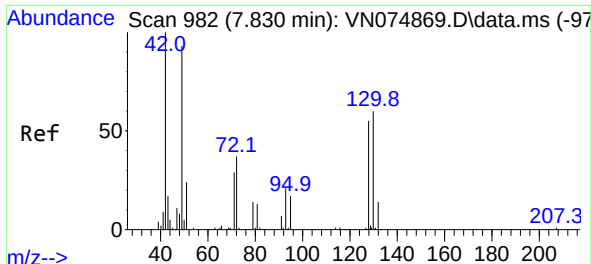
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.700	43	73952	4.373	ug/l	94
45) 1,4-Dioxane	9.706	88	11112	71.661	ug/l #	71
46) Methyl methacrylate	9.688	41	25589	3.494	ug/l	91
47) n-amyl Acetate	12.500	43	52718	3.563	ug/l	94
48) t-1,3-Dichloropropene	10.847	75	31611	3.534	ug/l #	87
49) cis-1,3-Dichloropropene	10.318	75	38287	4.037	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	25149	4.270	ug/l #	92
51) Ethyl methacrylate	10.877	69	37503	3.744	ug/l	96
52) 1,3-Dichloropropane	11.165	76	45276	4.453	ug/l	87
53) Dibromochloromethane	11.365	129	21532	3.731	ug/l	86
54) 1,2-Dibromoethane	11.471	107	24013	4.243	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	70070	17.884	ug/l	98
56) Bromoform	12.571	173	6024	1.449	ug/l #	38
58) 4-Methyl-2-Pentanone	10.447	43	233349	20.676	ug/l	95
59) 2-Hexanone	11.200	43	170737	19.657	ug/l	96
61) Tetrachloroethene	11.106	164	16241	4.198	ug/l	92
62) Toluene	10.635	91	102441	4.086	ug/l	97
64) Chlorobenzene	11.894	112	58489	4.104	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.959	131	20821	3.879	ug/l	95
66) Ethyl Benzene	11.965	91	104360	3.828	ug/l	89
67) m/p-Xylenes	12.071	106	72128	7.042	ug/l	97
68) o-Xylene	12.394	106	38745	3.722	ug/l	96
69) Styrene	12.412	104	61628	3.617	ug/l	95
70) Isopropylbenzene	12.694	105	93602	3.486	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	41525	4.134	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	45387	5.379	ug/l	47
73) Bromobenzene	12.982	156	23717	4.215	ug/l	84
74) n-propylbenzene	13.035	91	108891	3.478	ug/l	100
75) 2-Chlorotoluene	13.129	91	64459	3.520	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	75963	3.481	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	10179	2.903	ug/l	75
78) 4-Chlorotoluene	13.223	91	60794	3.479	ug/l	98
79) tert-butylbenzene	13.441	119	68311	3.519	ug/l	100
80) 1,2,4-Trimethylbenzene	13.488	105	72702	3.311	ug/l	96
81) sec-Butylbenzene	13.623	105	90863	3.257	ug/l	98
82) p-Isopropyltoluene	13.735	119	67539	3.047	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	35439	3.228	ug/l	93
84) 1,4-Dichlorobenzene	13.812	146	35492	3.366	ug/l	98
85) n-Butylbenzene	14.059	91	59272	3.030	ug/l	97
86) Hexachloroethane	14.329	117	15612	3.597	ug/l	90
87) 1,2-Dichlorobenzene	14.112	146	41221	3.781	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.717	75	6956	3.431	ug/l	97
89) 1,2,4-Trichlorobenzene	15.394	180	15328	3.079	ug/l #	76
90) Hexachlorobutadiene	15.512	225	8993	3.705	ug/l #	39
91) Naphthalene	15.641	128	67657	3.425	ug/l #	88
92) 1,2,3-Trichlorobenzene	15.847	180	12003	2.305	ug/l	43

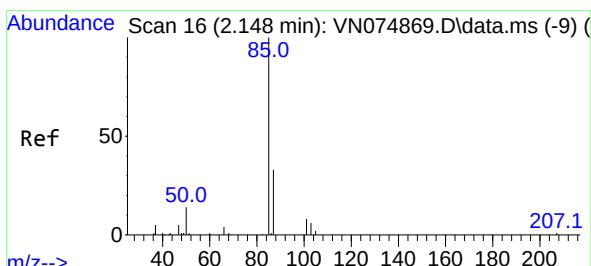
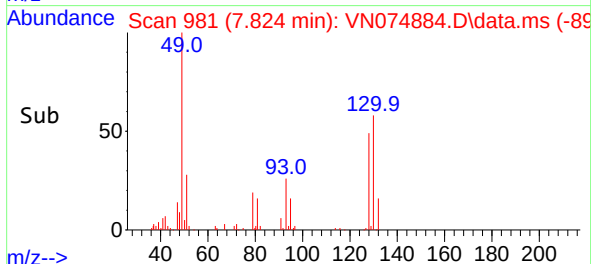
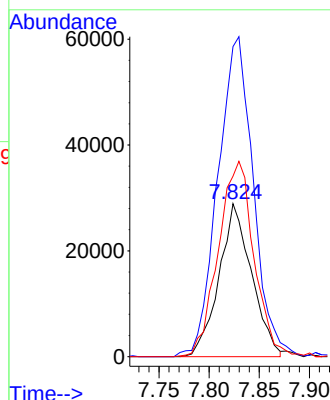
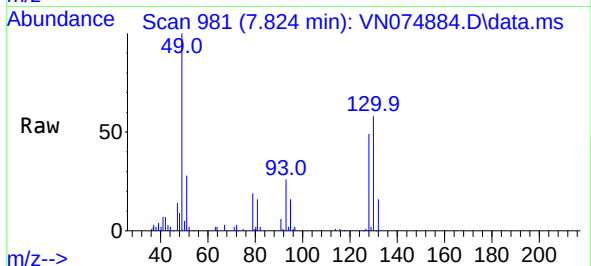
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

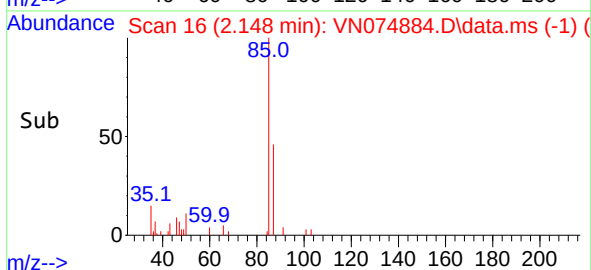
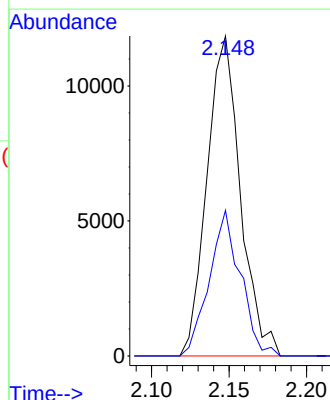
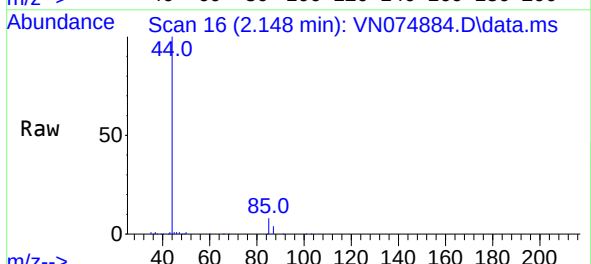
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

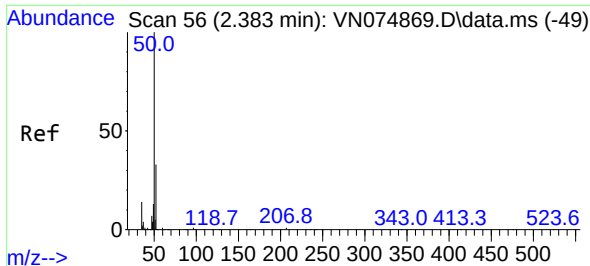
Tgt Ion:128 Resp: 65363
Ion Ratio Lower Upper
128 100
49 224.2 0.0 492.0
130 140.3 0.0 313.3



#2
Dichlorodifluoromethane
Concen: 4.894 ug/l
RT: 2.148 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 85 Resp: 17762
Ion Ratio Lower Upper
85 100
87 45.5 16.7 50.1

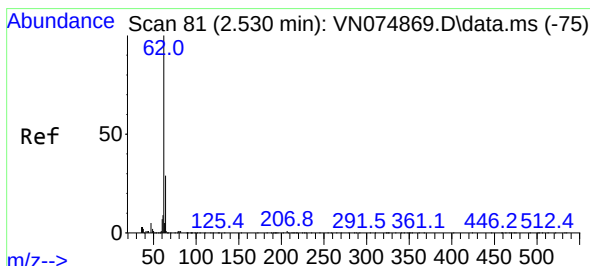
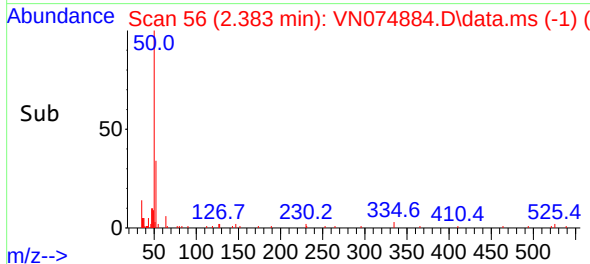
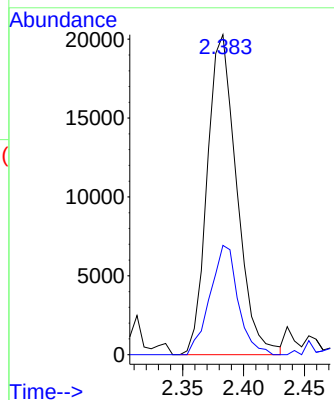
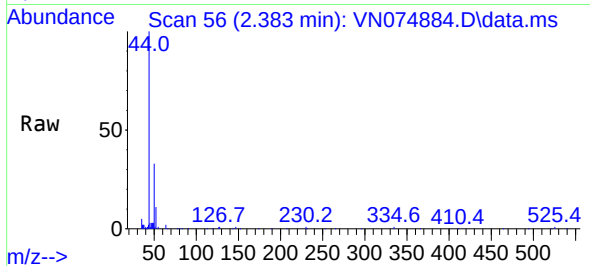




#3
Chloromethane
Concen: 5.821 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

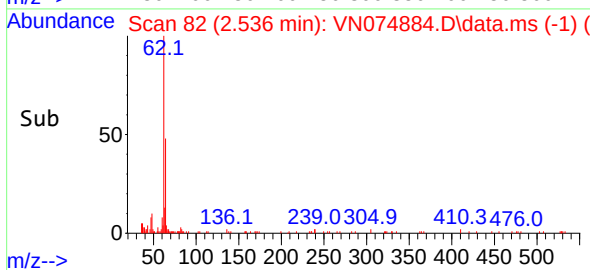
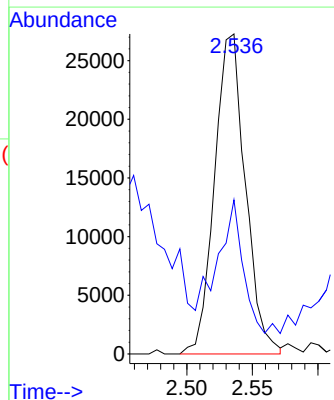
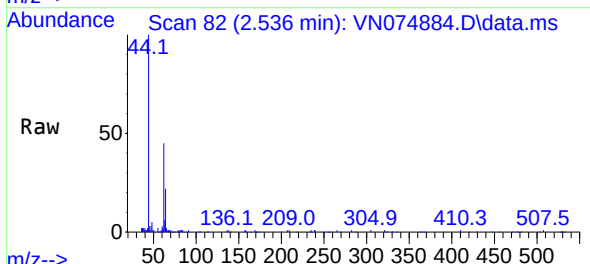
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

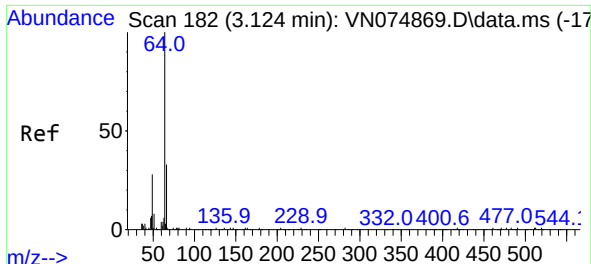
Tgt Ion: 50 Resp: 34172
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3



#4
Vinyl Chloride
Concen: 5.164 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 62 Resp: 44642
Ion Ratio Lower Upper
62 100
64 41.8 25.6 38.4#

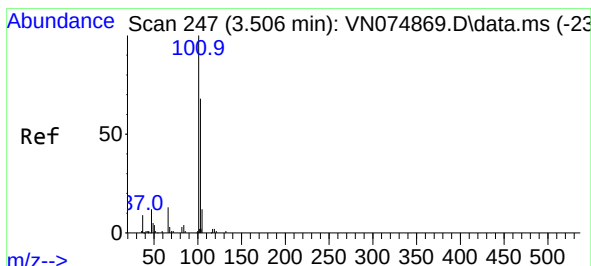
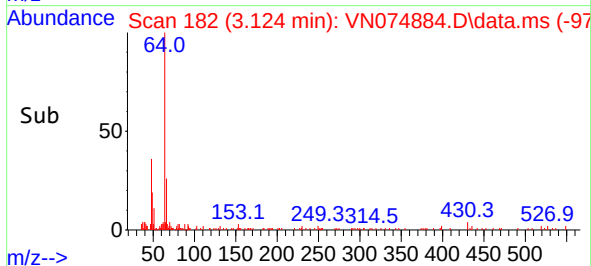
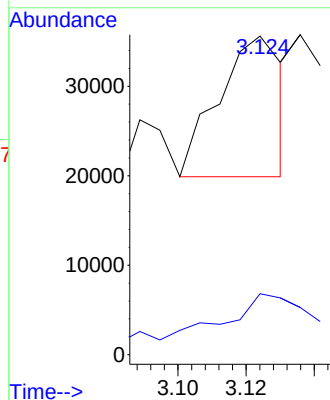
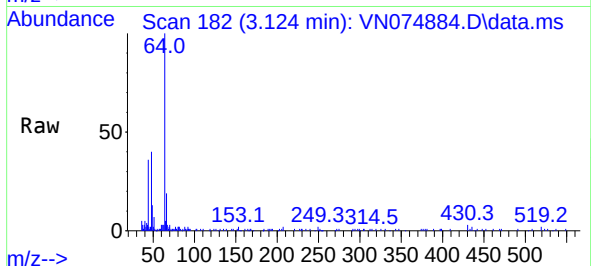




#6
Chloroethane
Concen: 3.136 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

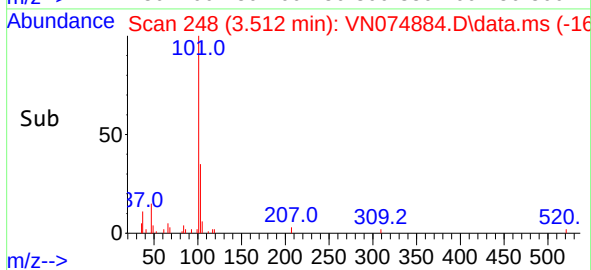
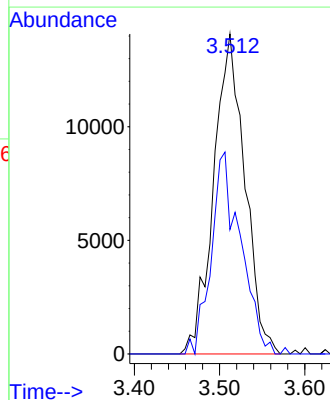
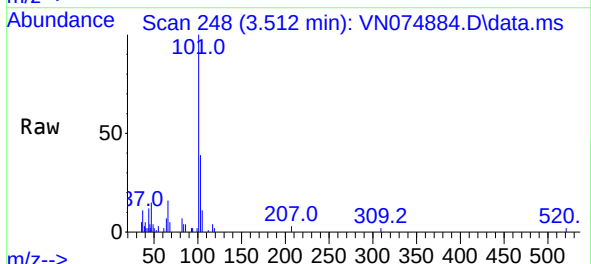
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

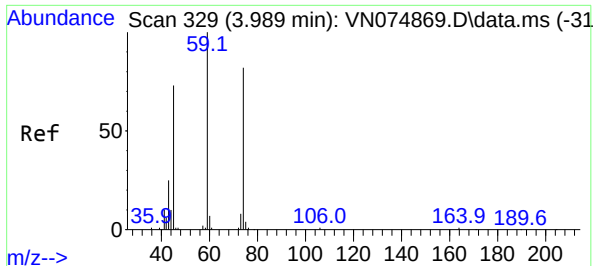
Tgt Ion: 64 Resp: 20333
Ion Ratio Lower Upper
64 100
66 26.1 21.8 32.8



#7
Trichlorofluoromethane
Concen: 5.575 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:101 Resp: 35925
Ion Ratio Lower Upper
101 100
103 38.9 54.8 82.2#

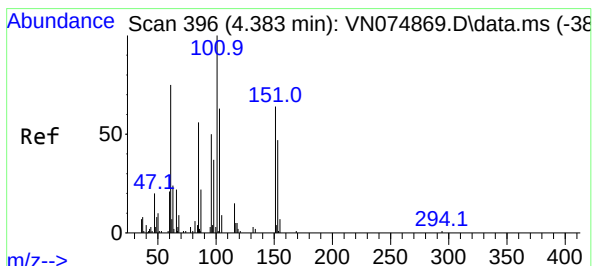
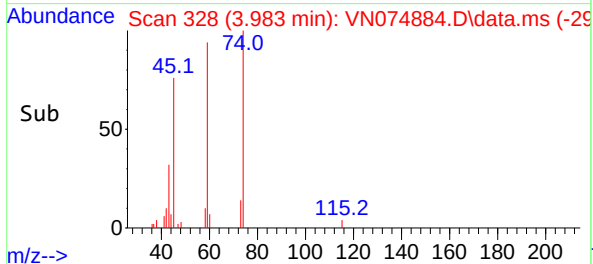
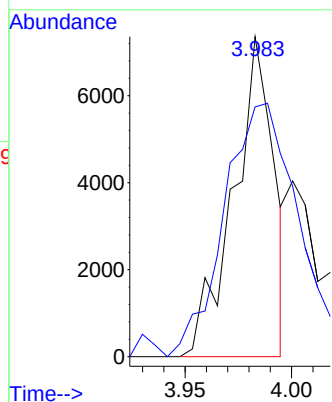
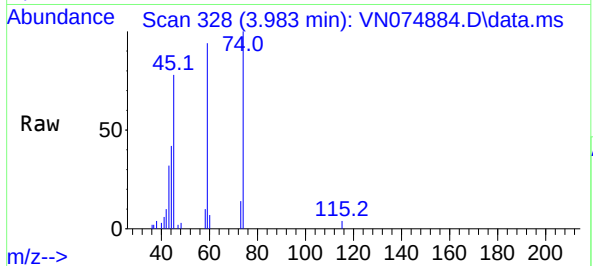




#8
Diethyl Ether
Concen: 3.215 ug/l
RT: 3.983 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

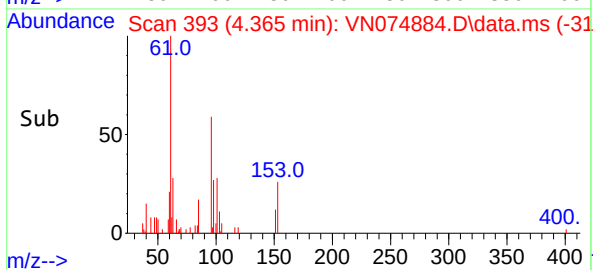
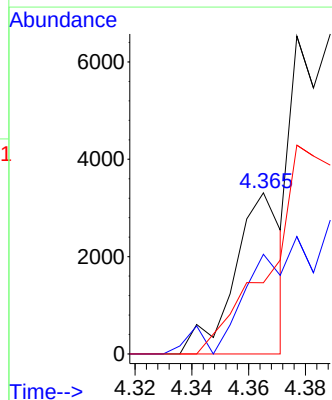
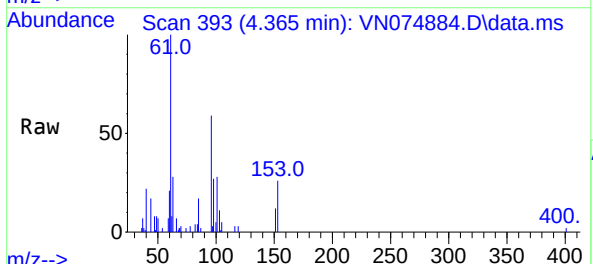
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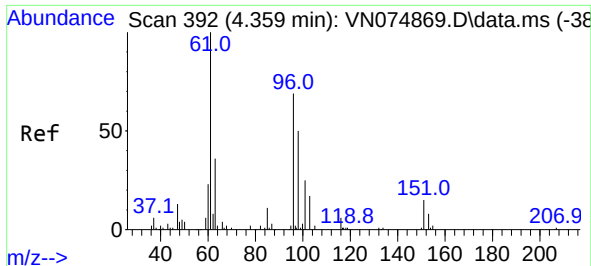
Tgt Ion: 74 Resp: 9660
Ion Ratio Lower Upper
74 100
45 144.1 19.0 171.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.941 ug/l
RT: 4.365 min Scan# 393
Delta R.T. -0.018 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 101 Resp: 3817
Ion Ratio Lower Upper
101 100
85 89.9 0.0 94.6
151 169.3 0.0 144.8#



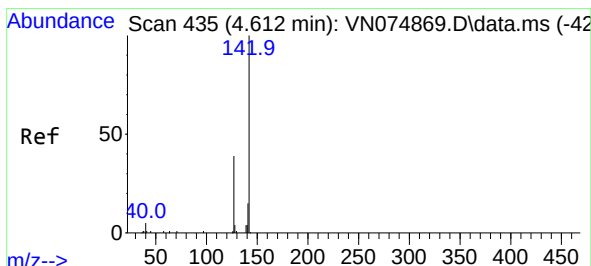
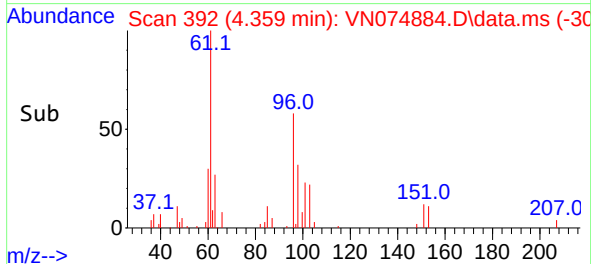
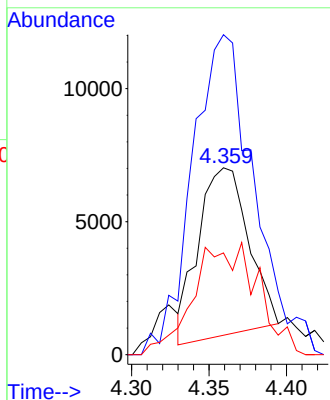
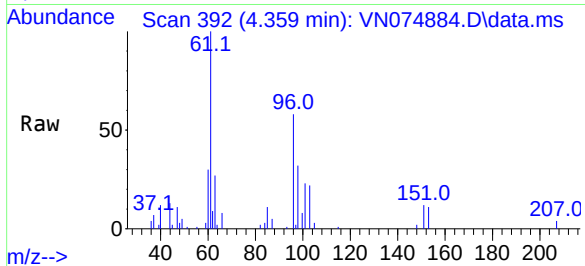


#10
1,1-Dichloroethene
Concen: 3.580 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 96 Resp: 14282

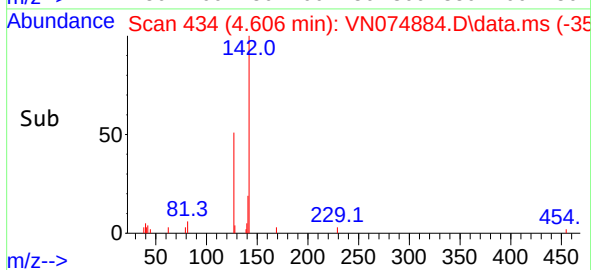
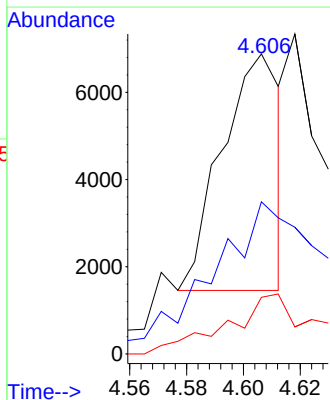
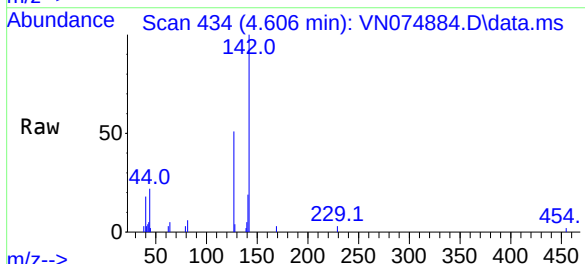
Ion	Ratio	Lower	Upper
96	100		
61	170.8	125.5	188.3
98	52.7	45.0	67.4

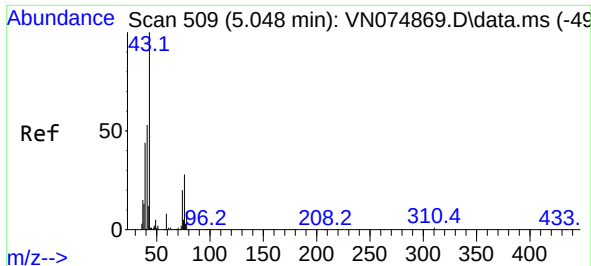


#11
Methyl Iodide
Concen: 1.554 ug/l
RT: 4.606 min Scan# 434
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 142 Resp: 7738

Ion	Ratio	Lower	Upper
142	100		
127	51.1	19.3	57.8
141	15.1	7.7	23.1

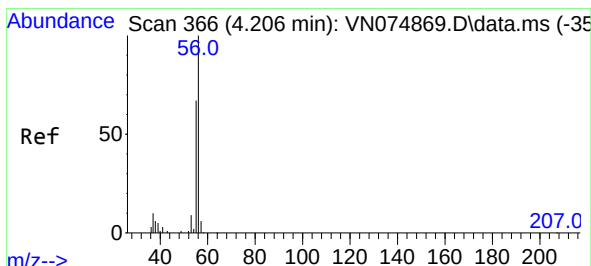
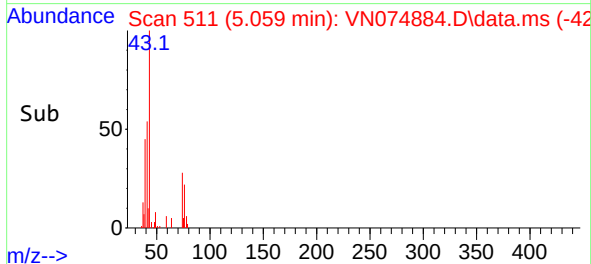
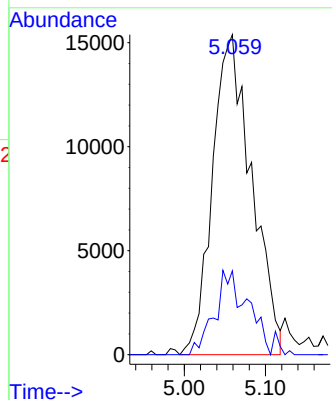
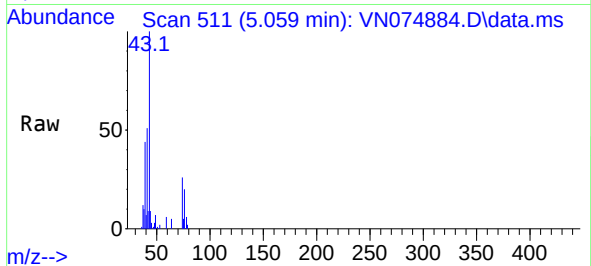




#12
Methyl Acetate
Concen: 5.359 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

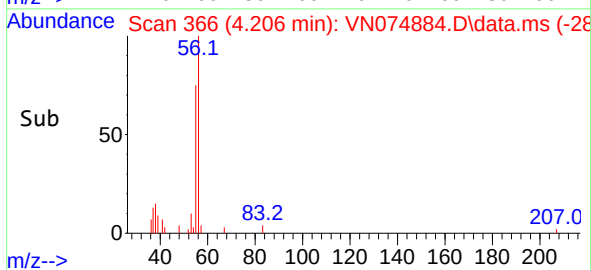
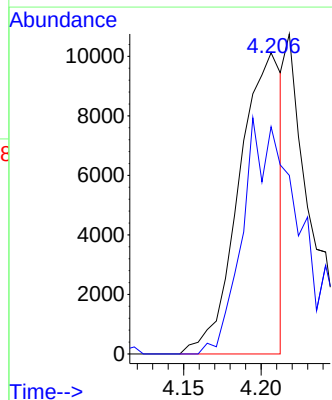
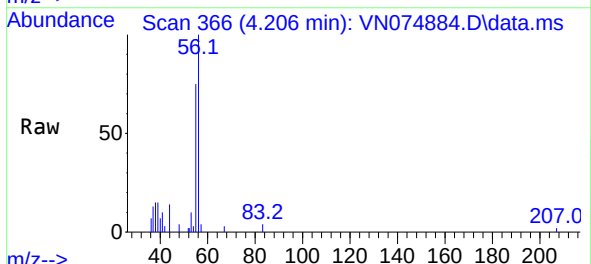
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

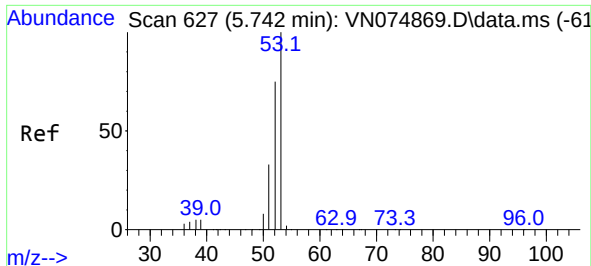
Tgt Ion: 43 Resp: 51526
Ion Ratio Lower Upper
43 100
74 25.9 19.0 28.6



#13
Acrolein
Concen: 14.206 ug/l
RT: 4.206 min Scan# 366
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 56 Resp: 19299
Ion Ratio Lower Upper
56 100
55 41.1 56.2 84.2#

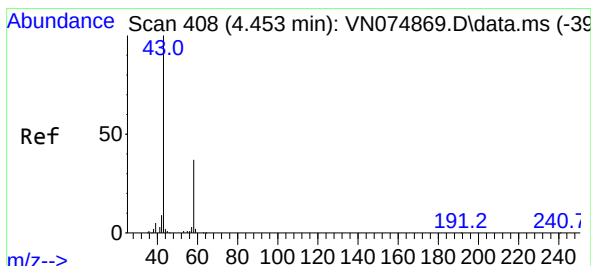
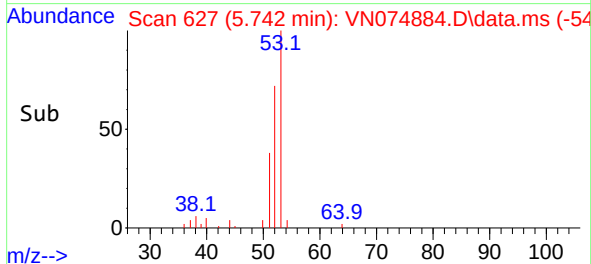
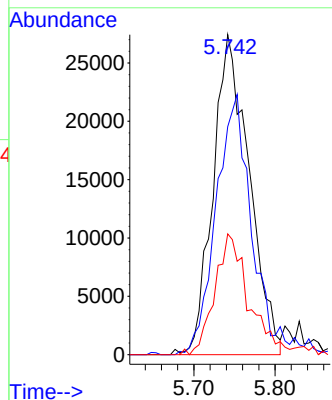
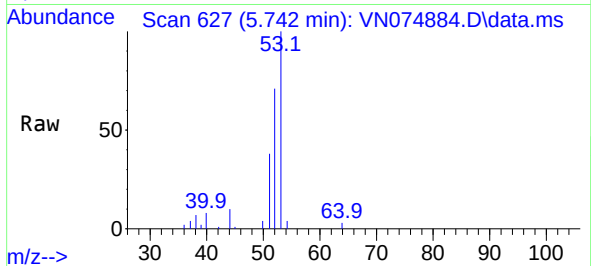




#14
Acrylonitrile
Concen: 23.611 ug/l
RT: 5.742 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

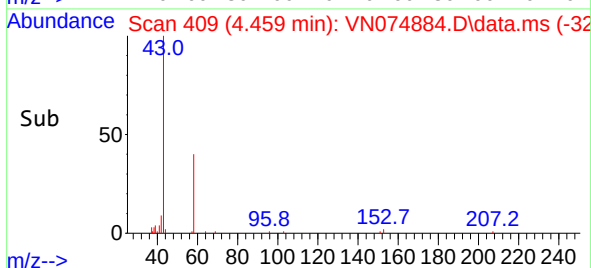
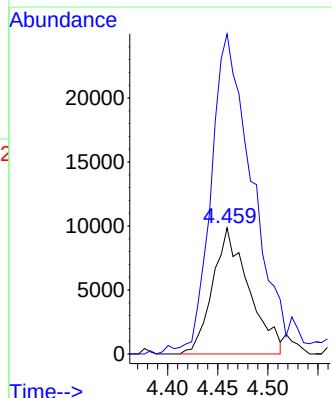
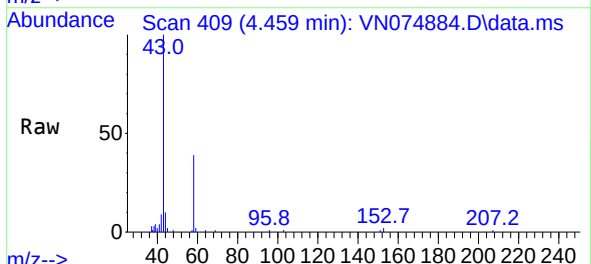
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

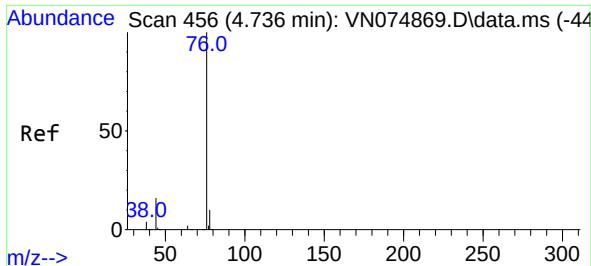
Tgt Ion: 53 Resp: 84667
Ion Ratio Lower Upper
53 100
52 77.2 40.8 122.4
51 28.1 17.0 51.0



#15
Acetone
Concen: 25.162 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 58 Resp: 24729
Ion Ratio Lower Upper
58 100
43 248.4 232.2 348.4

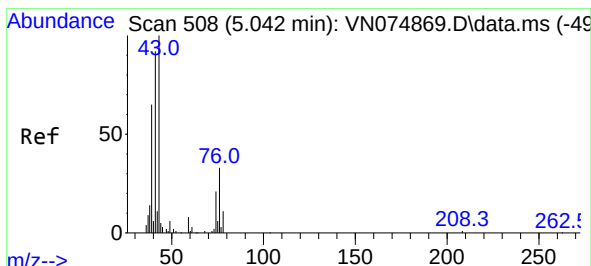
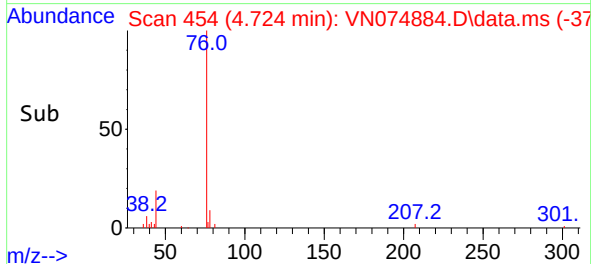
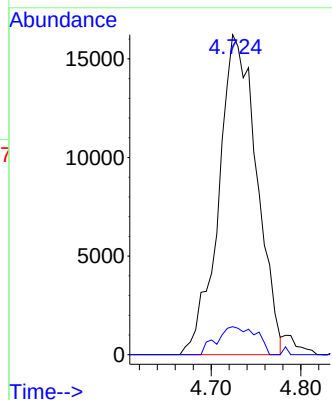
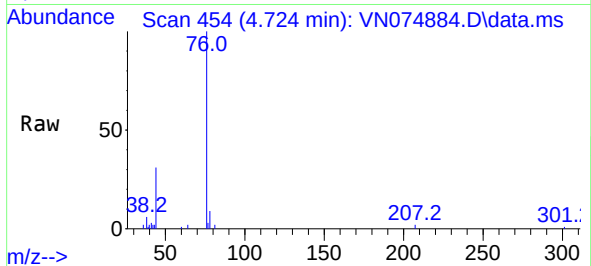




#16
Carbon Disulfide
Concen: 4.672 ug/l
RT: 4.724 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

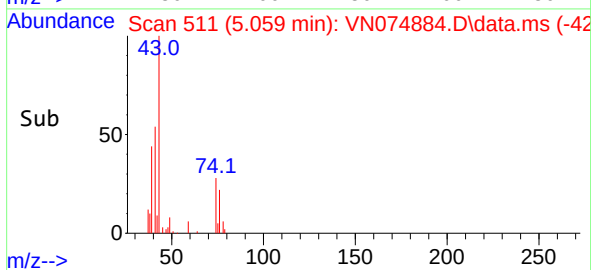
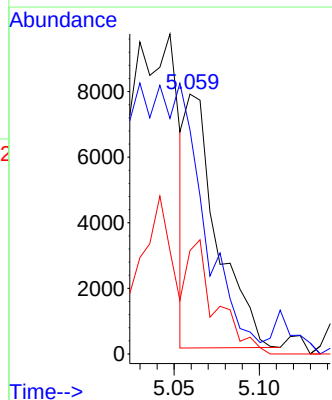
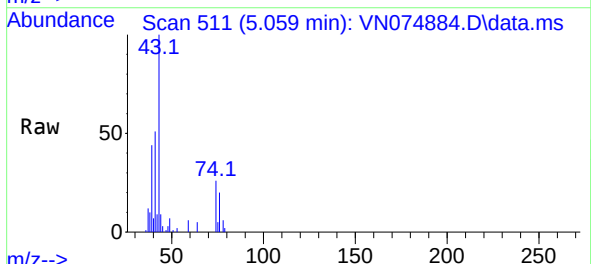
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

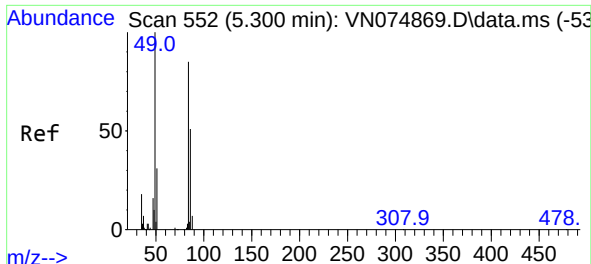
Tgt Ion: 76 Resp: 47882
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#17
Allyl chloride
Concen: 1.238 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.018 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 41 Resp: 9831
Ion Ratio Lower Upper
41 100
39 71.2 39.1 117.5
76 40.8 19.8 59.4



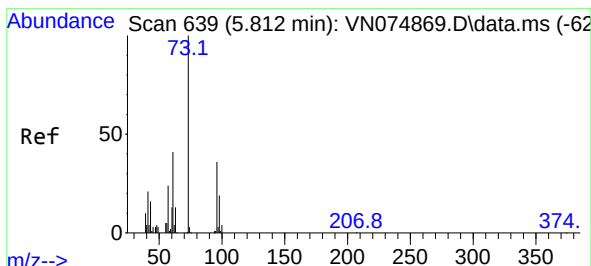
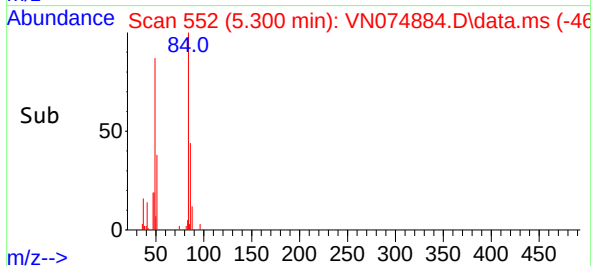
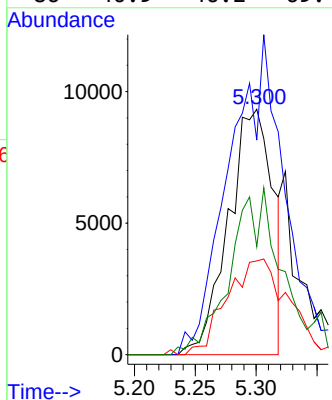
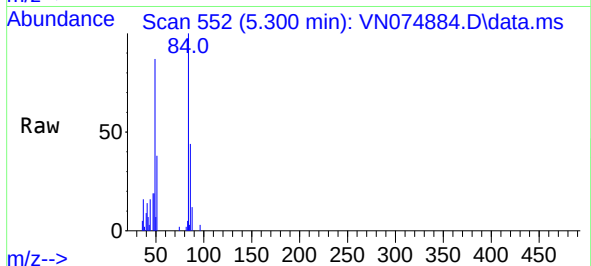


#18
Methylene Chloride
Concen: 4.566 ug/l
RT: 5.300 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 84 Resp: 23616

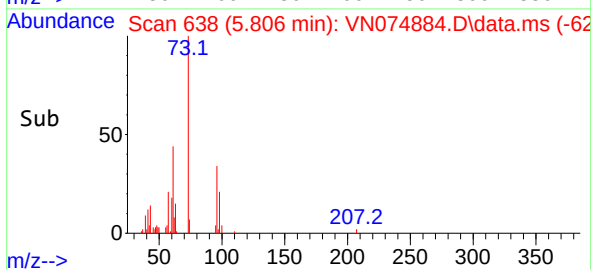
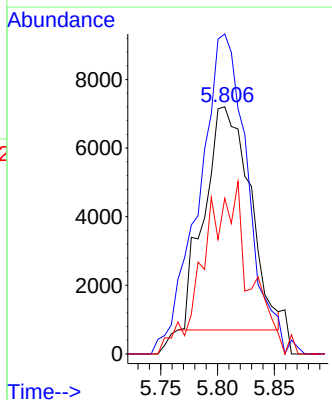
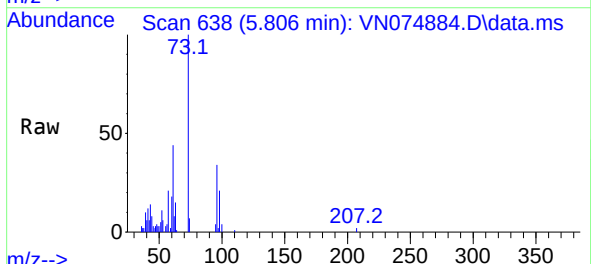
Ion	Ratio	Lower	Upper
84	100		
49	87.4	99.6	149.4#
51	38.2	28.2	42.2
86	40.9	46.2	69.4#

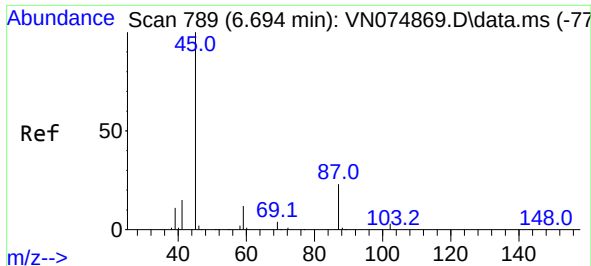


#19
trans-1,2-Dichloroethene
Concen: 4.124 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 96 Resp: 18060

Ion	Ratio	Lower	Upper
96	100		
61	126.7	110.2	165.4
98	60.5	50.0	75.0

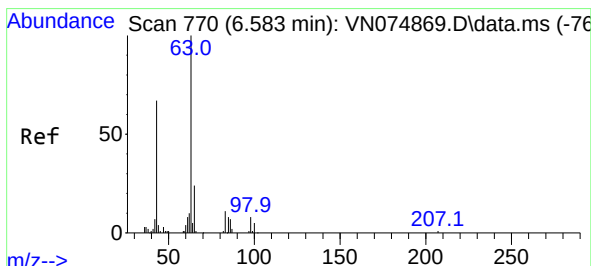
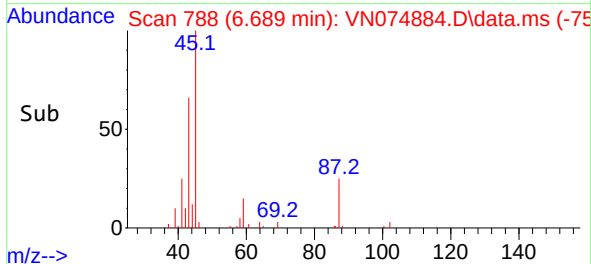
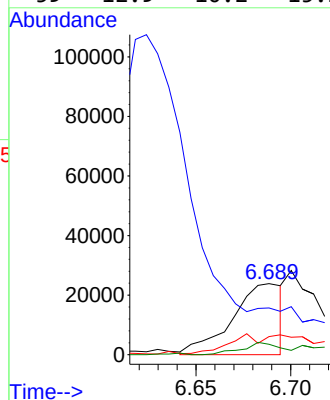
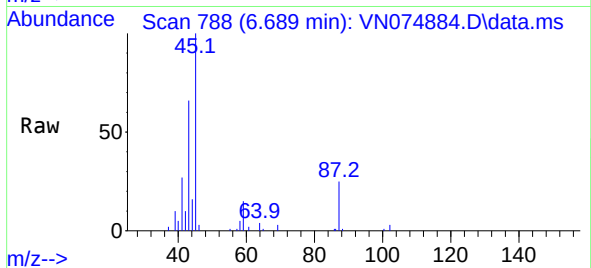




#20
Diisopropyl ether
Concen: 2.382 ug/l
RT: 6.689 min Scan# 711
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

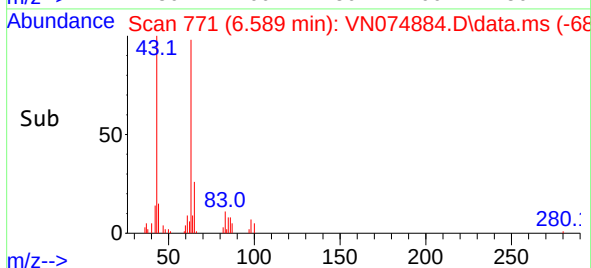
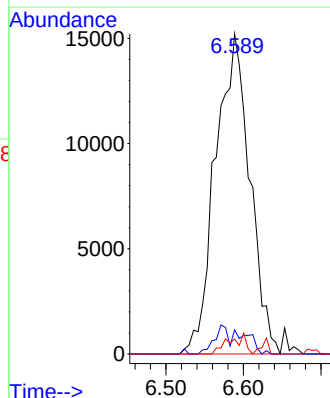
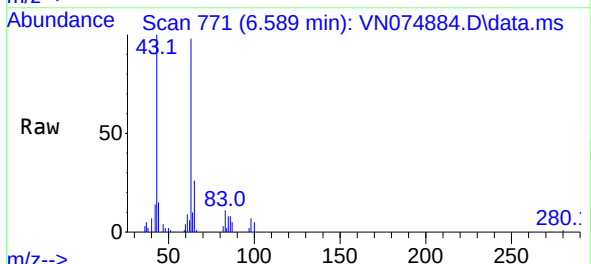
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

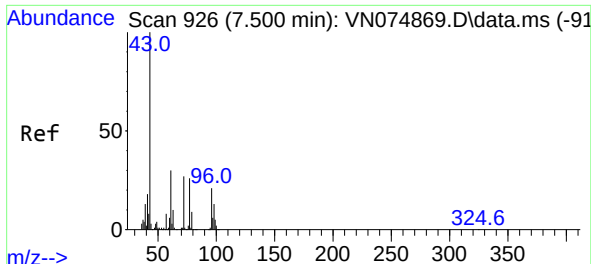
Tgt Ion:	45	Resp:	44156
Ion	Ratio	Lower	Upper
45	100		
43	4.9	47.3	70.9#
87	24.8	21.8	32.8
59	12.9	10.2	15.2



#21
1,1-Dichloroethane
Concen: 4.964 ug/l
RT: 6.589 min Scan# 771
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:	63	Resp:	46824
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.3	9.9
100	4.7	2.2	6.6

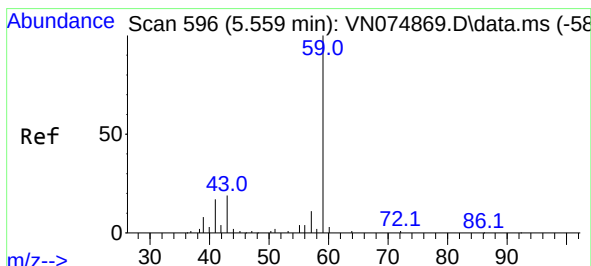
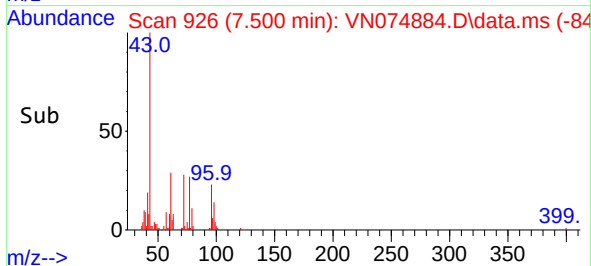
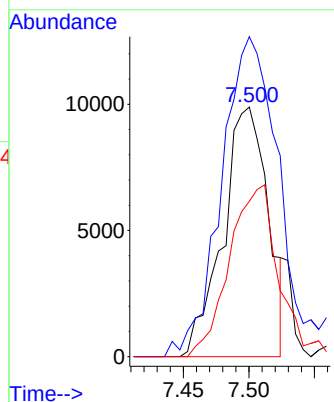
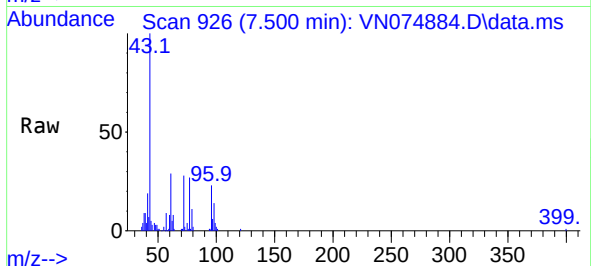




#22
 cis-1,2-Dichloroethene
 Concen: 4.331 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

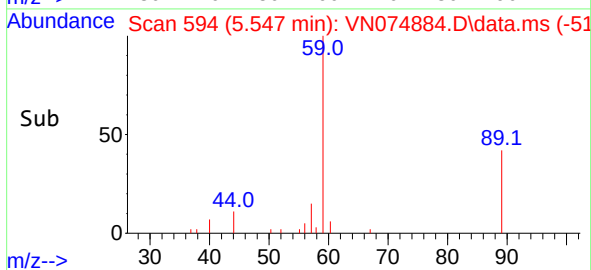
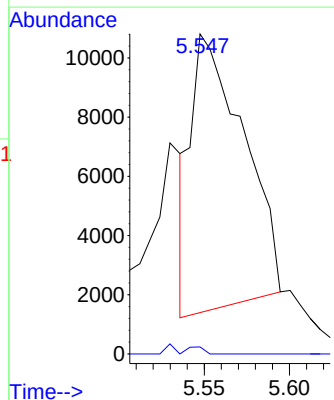
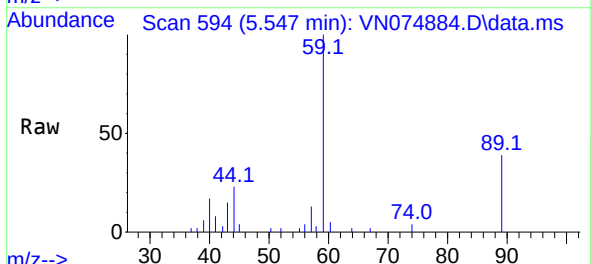
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

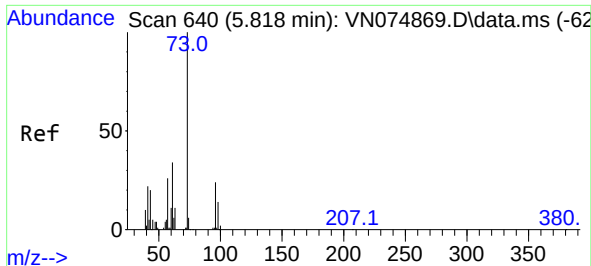
Tgt Ion: 96 Resp: 23750
 Ion Ratio Lower Upper
 96 100
 61 160.9 118.8 178.2
 98 72.4 52.1 78.1



#23
 tert-Butyl Alcohol
 Concen: 13.205 ug/l
 RT: 5.547 min Scan# 594
 Delta R.T. -0.012 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

Tgt Ion: 59 Resp: 19953
 Ion Ratio Lower Upper
 59 100
 52 0.8 0.2 0.4#

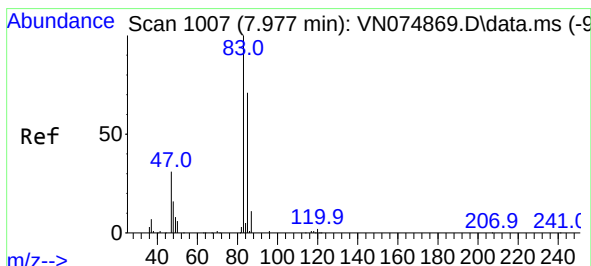
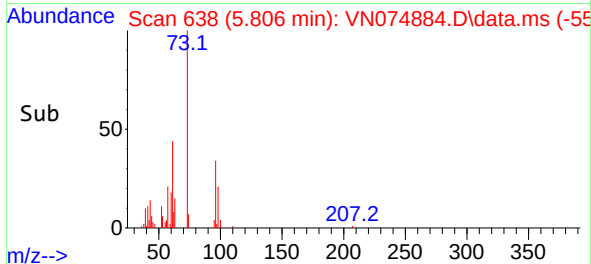
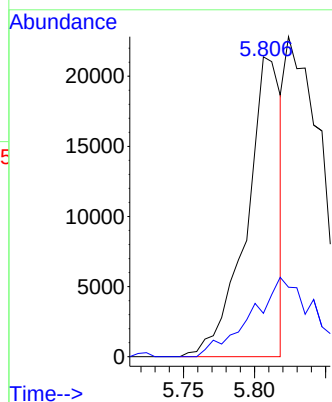
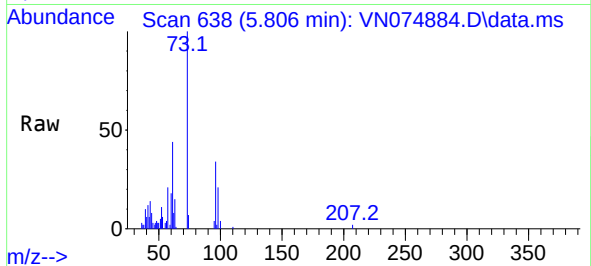




#24
Methyl tert-Butyl Ether
Concen: 2.174 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

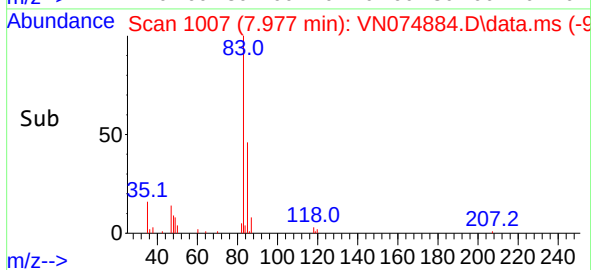
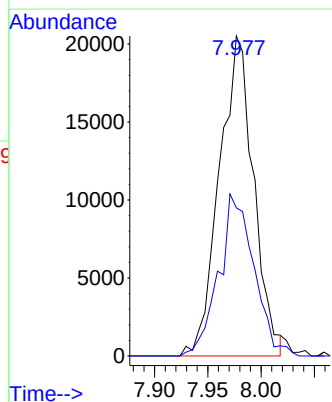
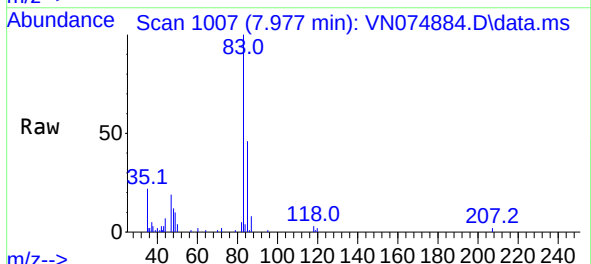
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

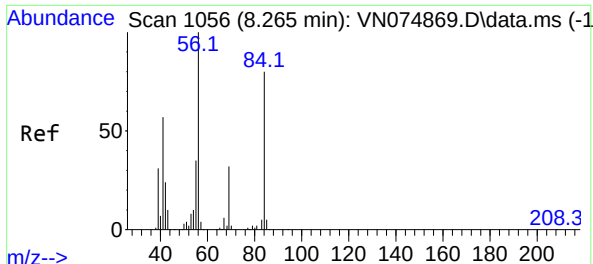
Tgt Ion: 73 Resp: 36212
Ion Ratio Lower Upper
73 100
43 46.6 15.6 23.4#



#25
Chloroform
Concen: 4.886 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 83 Resp: 45764
Ion Ratio Lower Upper
83 100
85 46.3 53.6 80.4#

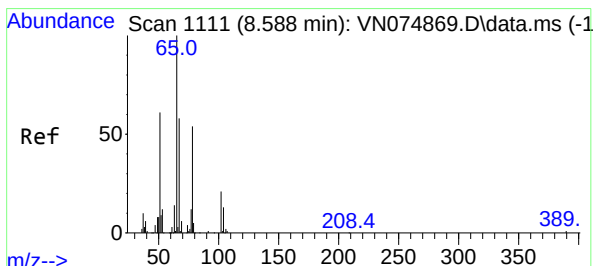
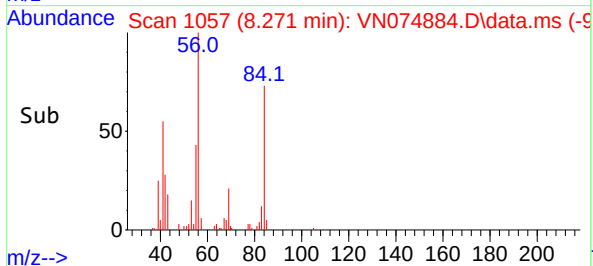
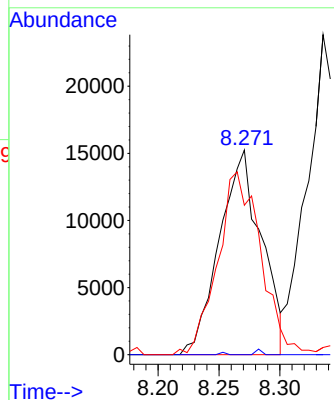
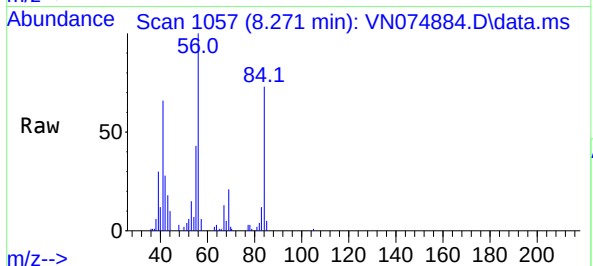




#26
Cyclohexane
Concen: 4.402 ug/l
RT: 8.271 min Scan# 11057
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

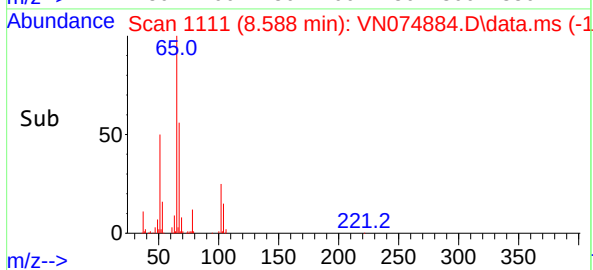
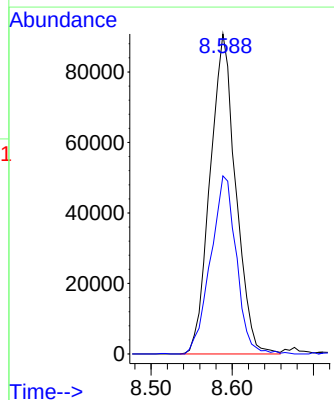
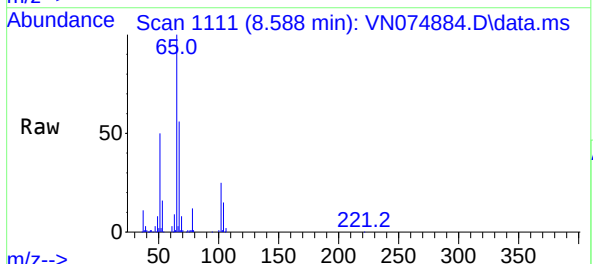
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

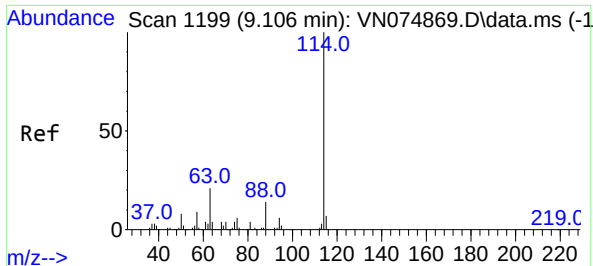
Tgt Ion: 56 Resp: 36470
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.4 68.4 102.6



#27
1,2-Dichloroethane-d4
Concen: 32.486 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 65 Resp: 198793
Ion Ratio Lower Upper
65 100
67 55.8 45.2 67.8



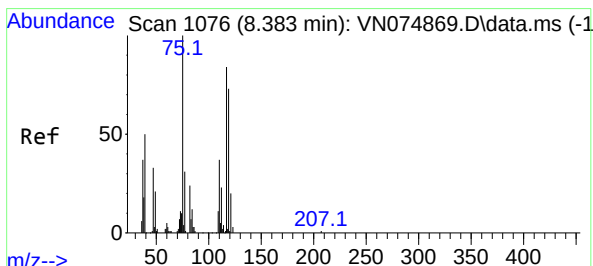
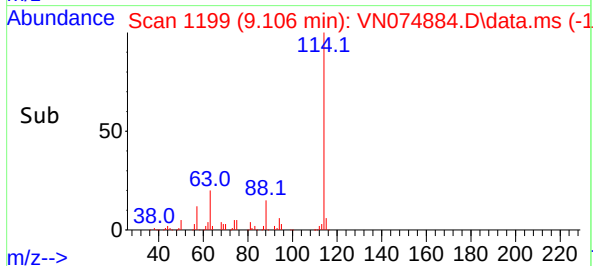
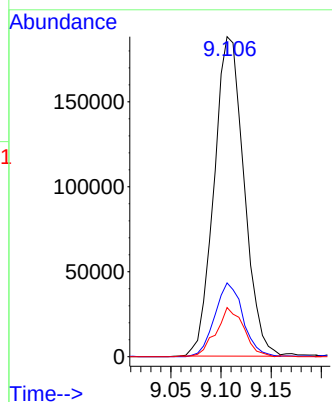
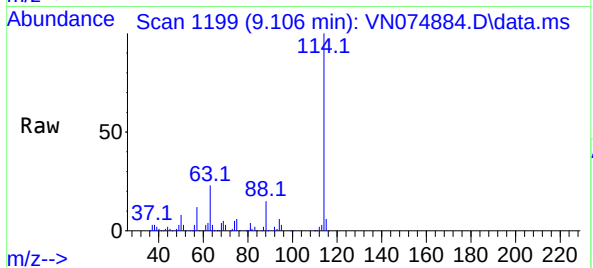


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion:114 Resp: 390685

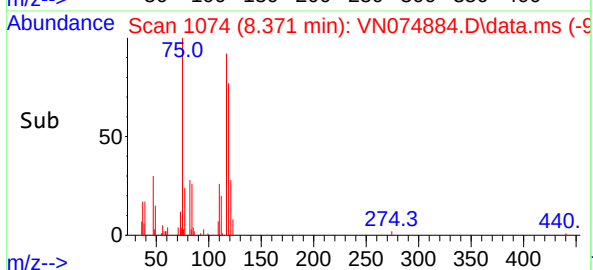
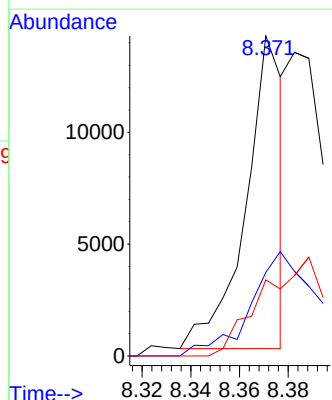
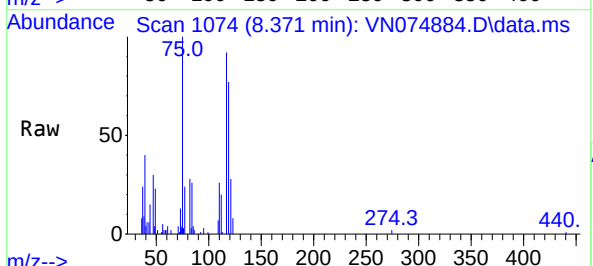
Ion	Ratio	Lower	Upper
114	100		
63	21.8	16.6	25.0
88	14.2	12.2	18.4

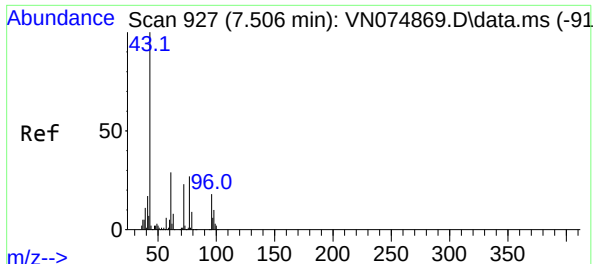


#29
1,1-Dichloropropene
Concen: 2.120 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 75 Resp: 14947

Ion	Ratio	Lower	Upper
75	100		
110	53.5	0.0	72.2
77	23.9	0.0	64.0

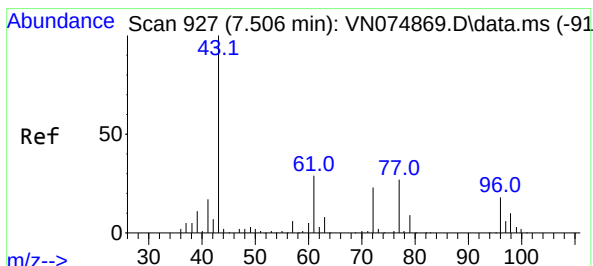
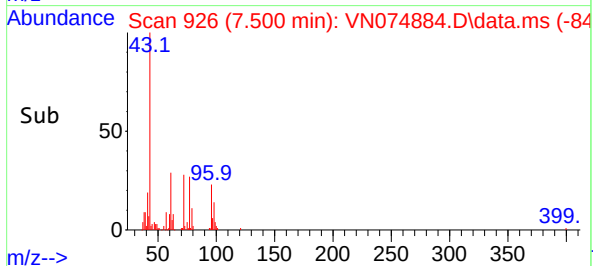
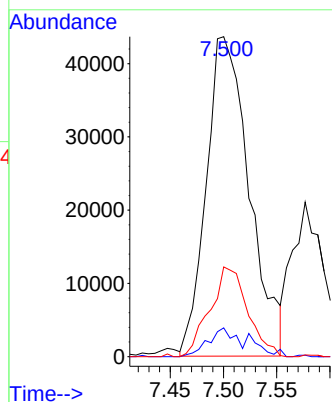
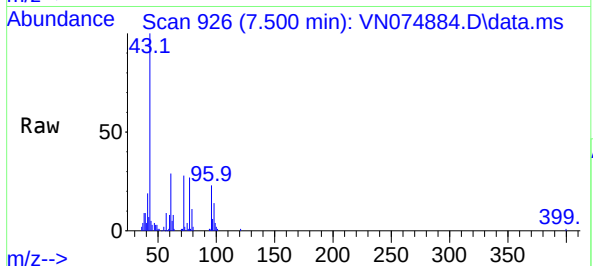




#30
2-Butanone
Concen: 21.778 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

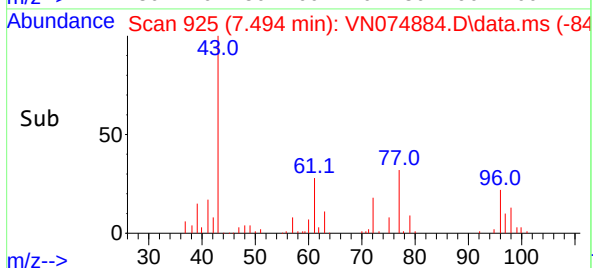
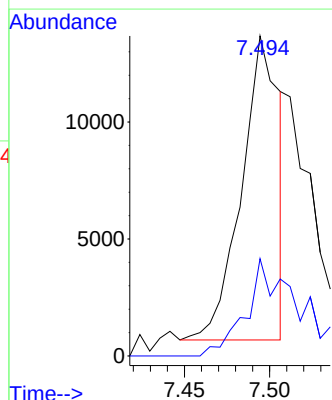
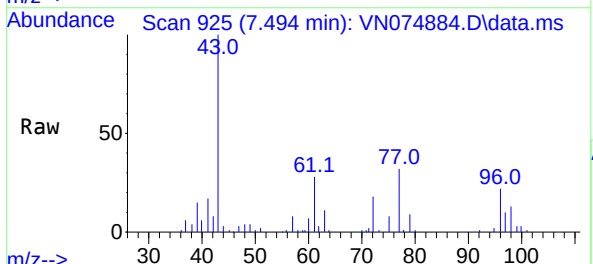
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

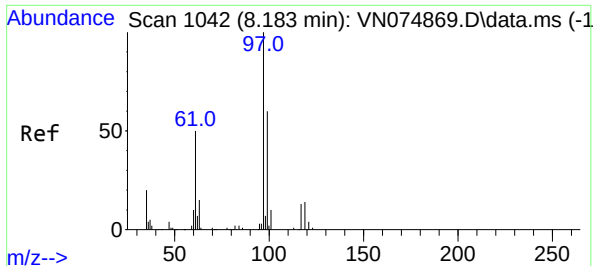
Tgt Ion: 43 Resp: 122488
Ion Ratio Lower Upper
43 100
57 5.7 6.3 9.5#
72 24.6 21.0 31.4



#31
2,2-Dichloropropane
Concen: 2.317 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 77 Resp: 19990
Ion Ratio Lower Upper
77 100
97 20.9 18.4 27.6

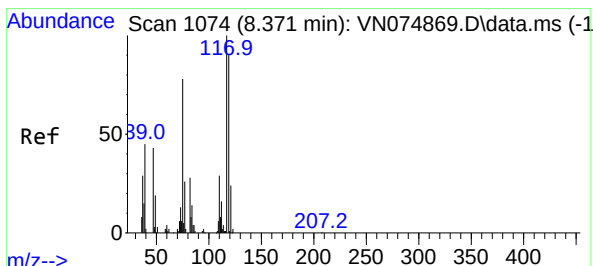
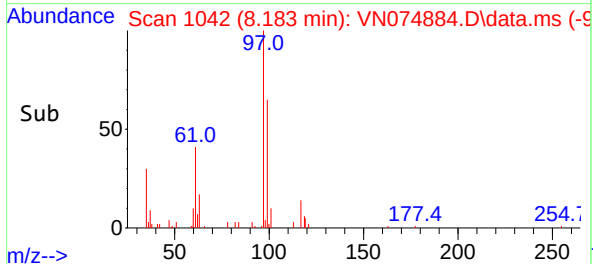
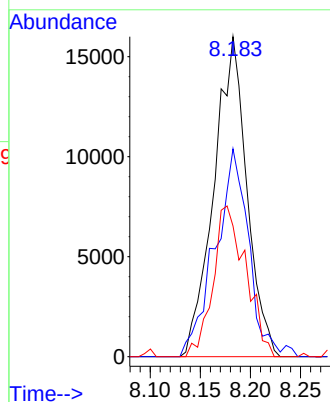
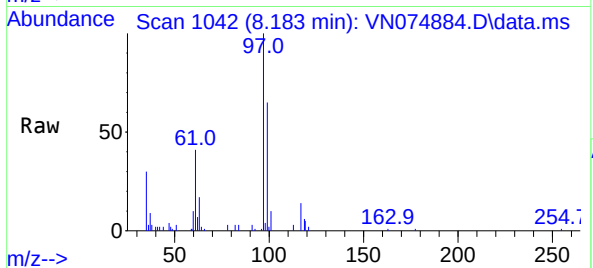




#32
1,1,1-Trichloroethane
Concen: 4.339 ug/l
RT: 8.183 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

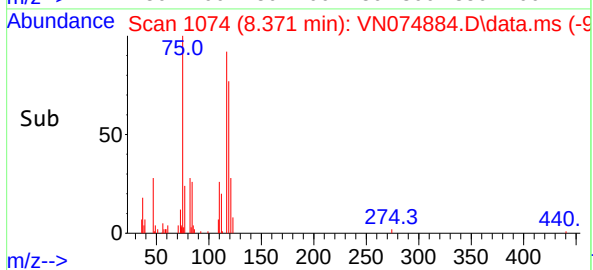
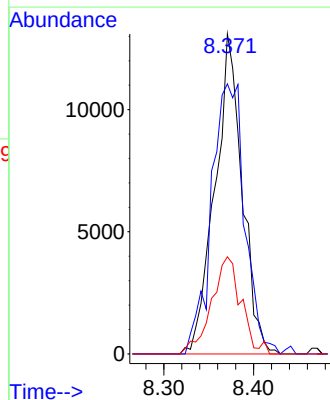
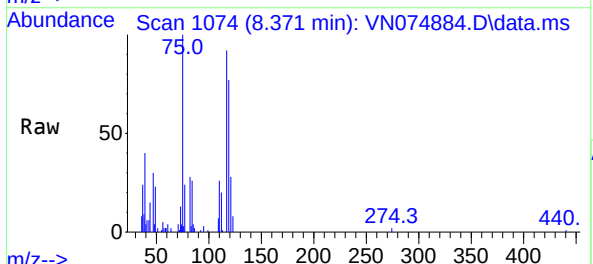
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

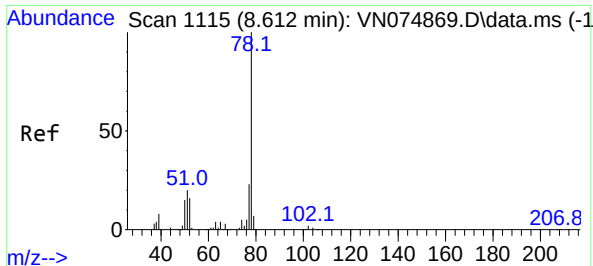
Tgt Ion:	97	Resp:	36679
Ion	Ratio	Lower	Upper
97	100		
99	49.2	50.0	75.0#
61	46.7	36.1	54.1



#33
Carbon Tetrachloride
Concen: 3.986 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:	117	Resp:	27673
Ion	Ratio	Lower	Upper
117	100		
119	84.4	77.8	116.6
121	30.4	27.6	41.4

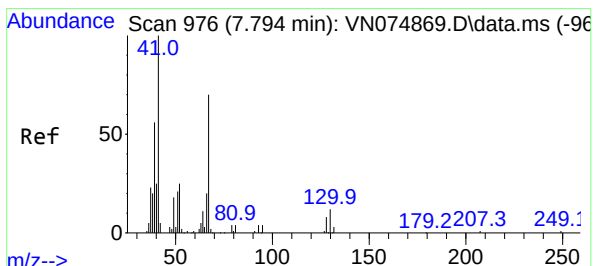
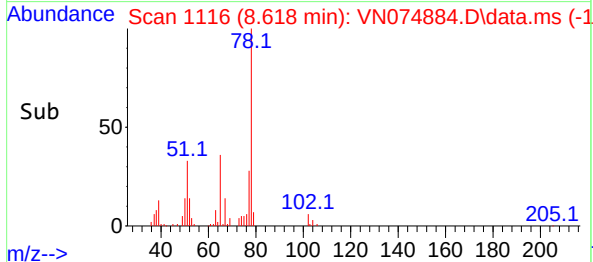
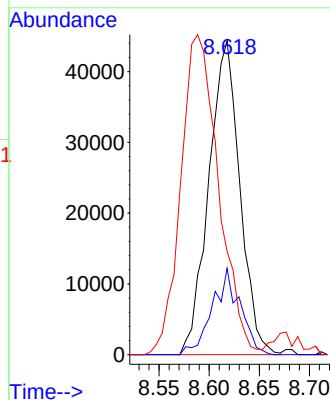
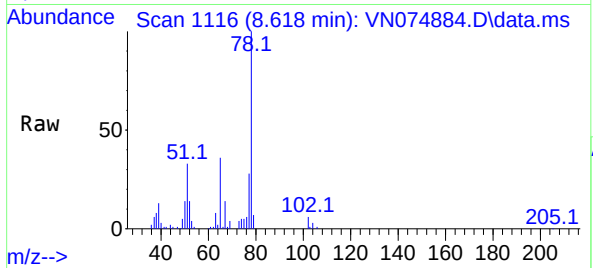




#34
Benzene
Concen: 4.109 ug/l
RT: 8.618 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

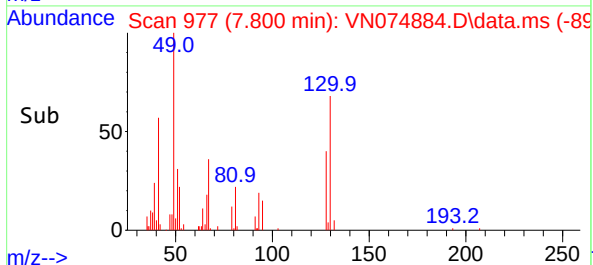
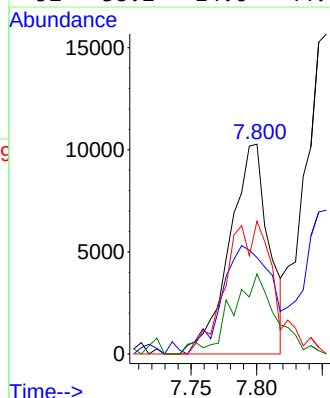
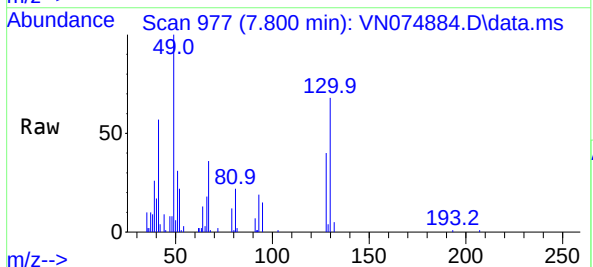
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

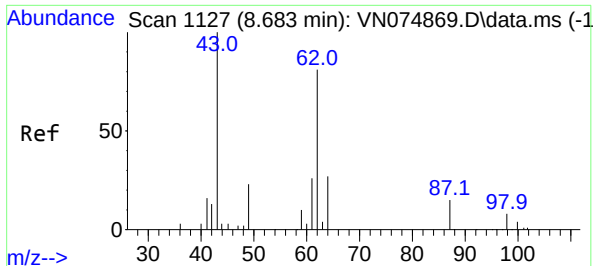
Tgt Ion:	78	Resp:	95735
Ion	Ratio	Lower	Upper
78	100		
77	27.5	19.9	29.9
51	26.1	21.1	31.7



#35
Methacrylonitrile
Concen: 3.695 ug/l
RT: 7.800 min Scan# 977
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:	41	Resp:	21361
Ion	Ratio	Lower	Upper
41	100		
39	44.1	27.7	83.1
67	63.3	38.0	113.9
52	38.2	14.6	44.0

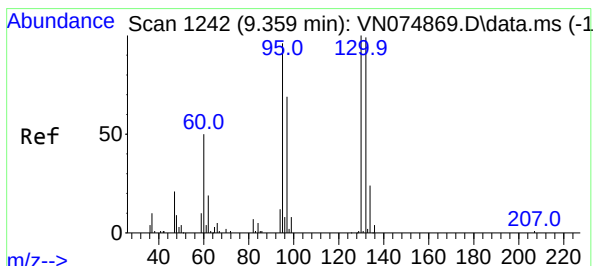
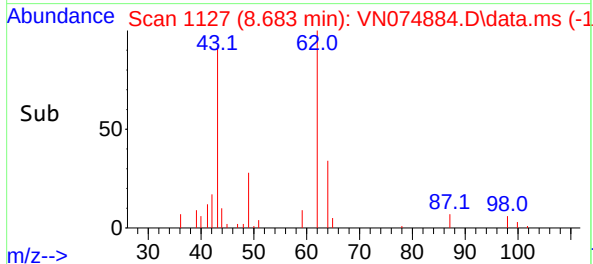
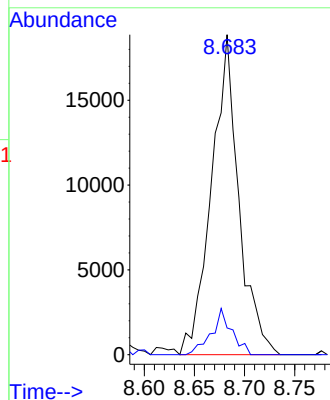
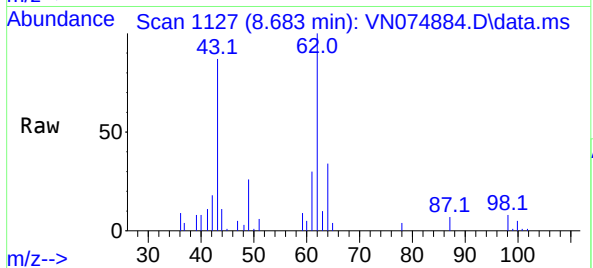




#36
1,2-Dichloroethane
Concen: 4.614 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

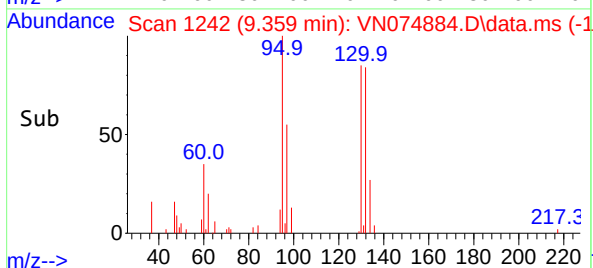
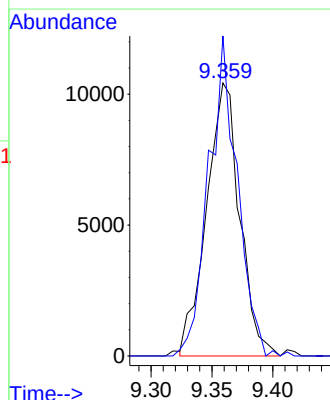
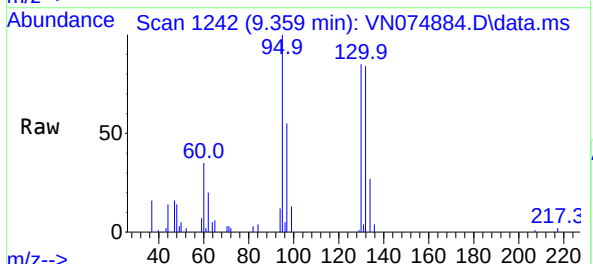
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

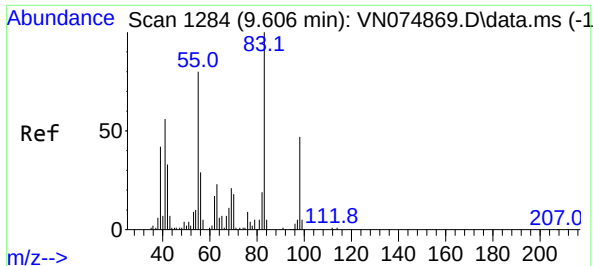
Tgt Ion: 62 Resp: 35802
Ion Ratio Lower Upper
62 100
98 10.7 7.4 11.2



#37
Trichloroethene
Concen: 4.082 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:130 Resp: 19782
Ion Ratio Lower Upper
130 100
95 117.3 75.9 113.9#





#38

Methylcyclohexane

Concen: 4.292 ug/l

RT: 9.600 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VN074884.D

Acq: 12 Oct 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

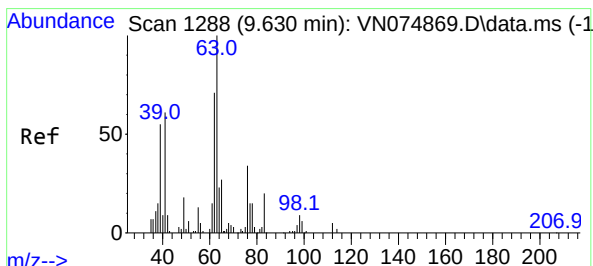
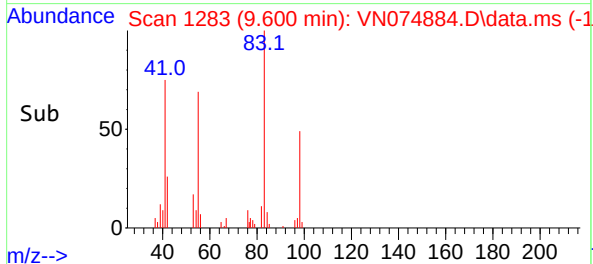
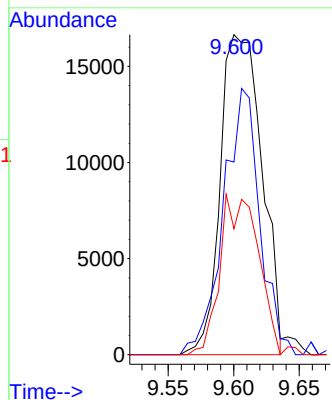
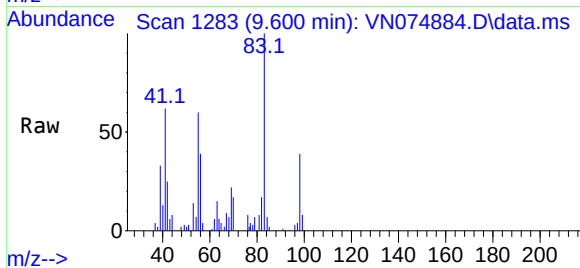
Tgt Ion: 83 Resp: 36752

Ion Ratio Lower Upper

83 100

55 72.5 37.4 112.2

98 25.9 24.5 73.5



#39

1,2-Dichloropropane

Concen: 4.366 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.006 min

Lab File: VN074884.D

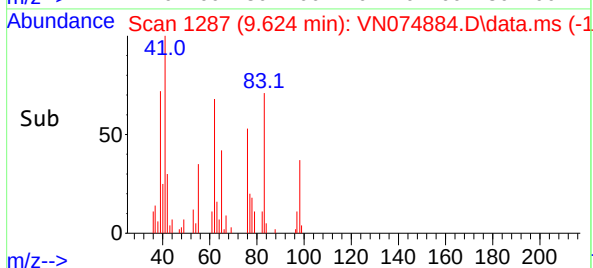
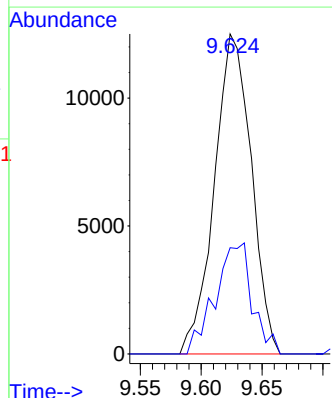
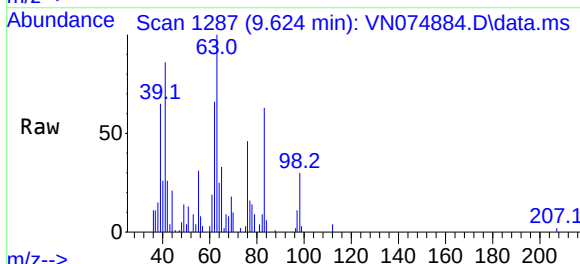
Acq: 12 Oct 2022 18:45

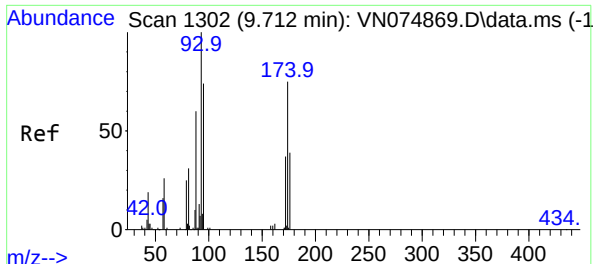
Tgt Ion: 63 Resp: 26370

Ion Ratio Lower Upper

63 100

65 33.2 25.0 37.6

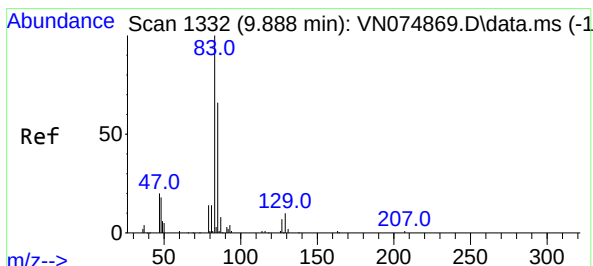
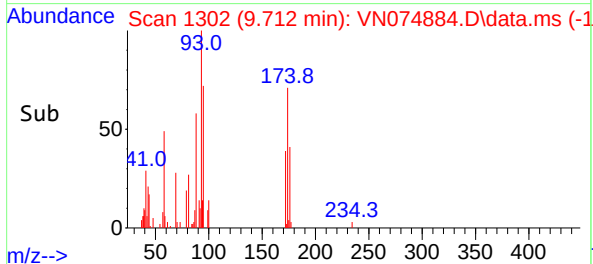
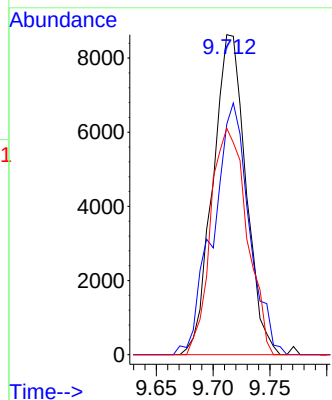
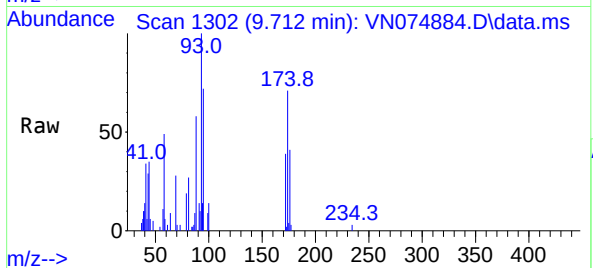




#40
Dibromomethane
Concen: 4.364 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

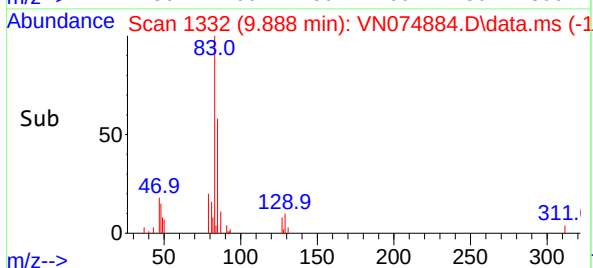
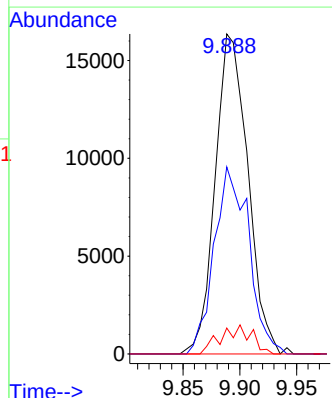
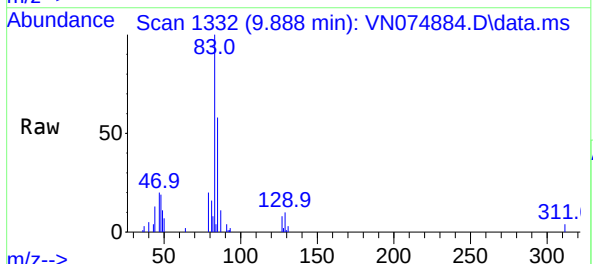
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

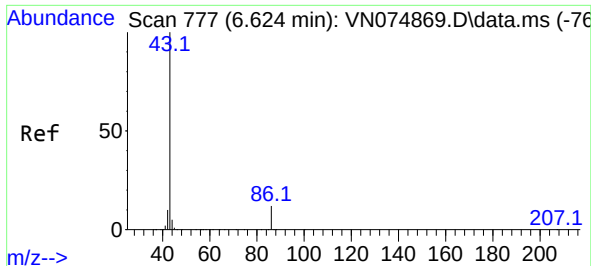
Tgt Ion:	93	Resp:	17468
Ion	Ratio	Lower	Upper
93	100		
95	86.4	0.0	168.0
174	77.6	0.0	158.4



#41
Bromodichloromethane
Concen: 4.189 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:	83	Resp:	32659
Ion	Ratio	Lower	Upper
83	100		
85	58.4	50.2	75.4
127	8.1	5.1	7.7#

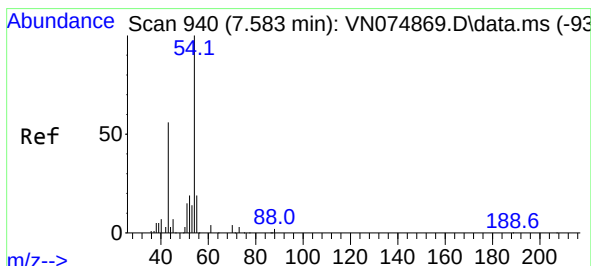
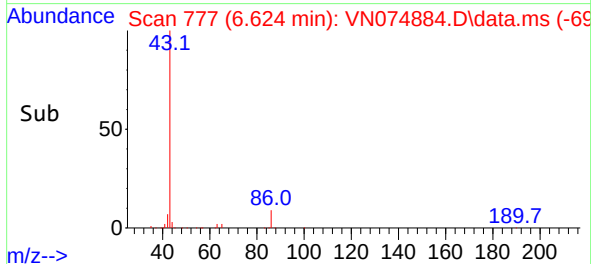
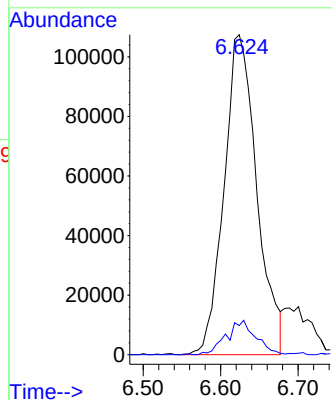
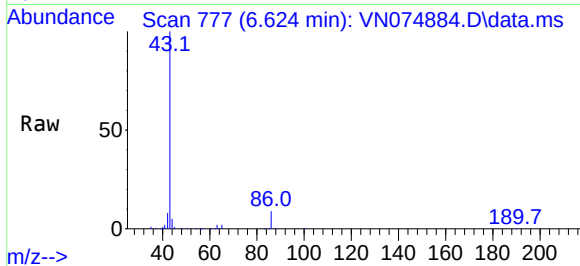




#42
 Vinyl Acetate
 Concen: 18.900 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

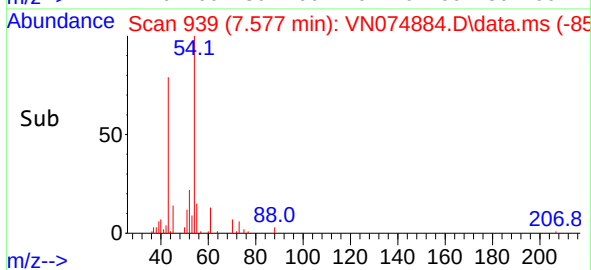
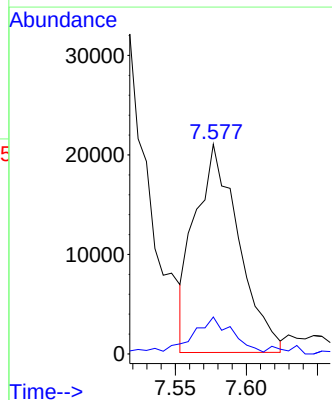
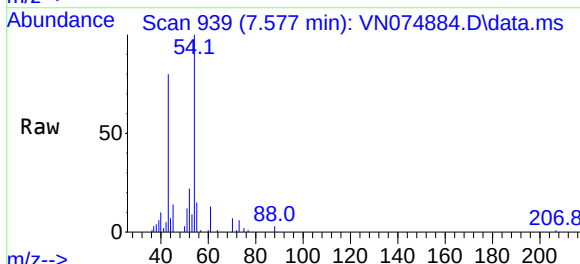
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

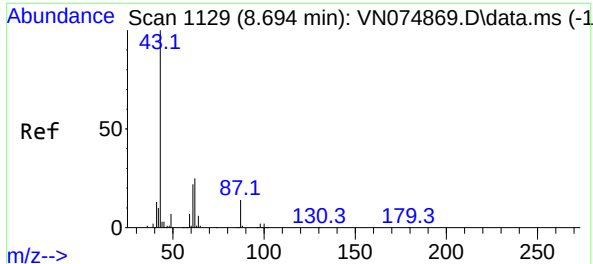
Tgt Ion: 43 Resp: 316659
 Ion Ratio Lower Upper
 43 100
 86 7.1 7.5 11.3#



#43
 Ethyl Acetate
 Concen: 4.076 ug/l
 RT: 7.577 min Scan# 939
 Delta R.T. -0.006 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

Tgt Ion: 43 Resp: 44578
 Ion Ratio Lower Upper
 43 100
 45 16.2 11.5 17.3





#44

Isopropyl Acetate

Concen: 4.373 ug/l

RT: 8.700 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN074884.D

Acq: 12 Oct 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

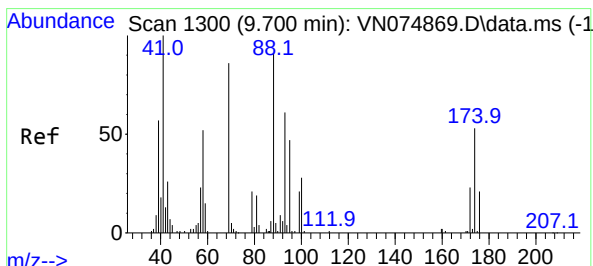
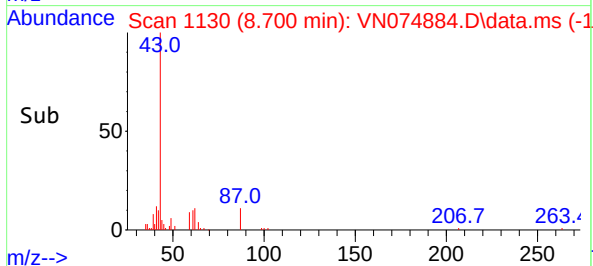
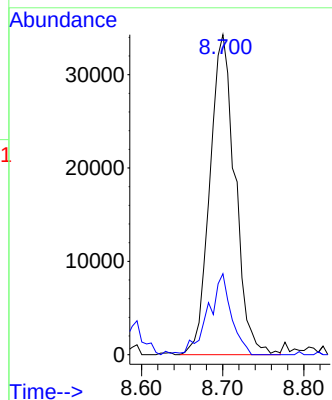
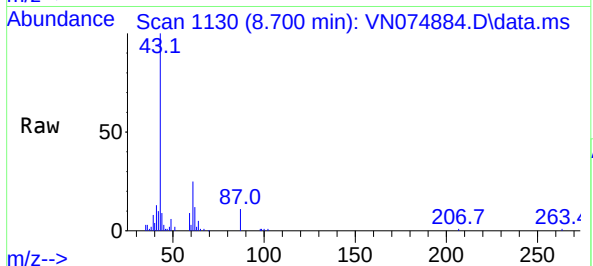
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 43 Resp: 73952

Ion Ratio Lower Upper

43 100

61 21.6 19.5 29.3



#45

1,4-Dioxane

Concen: 71.661 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN074884.D

Acq: 12 Oct 2022 18:45

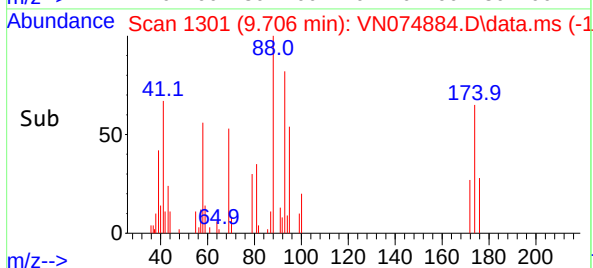
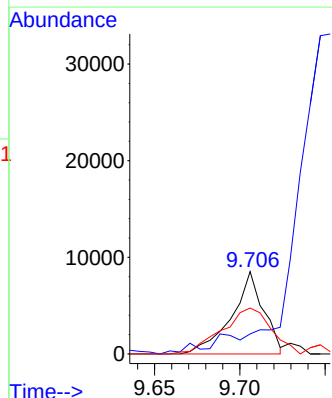
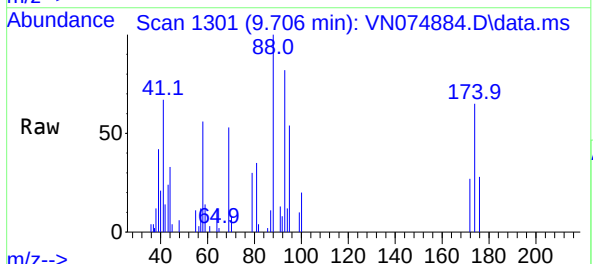
Tgt Ion: 88 Resp: 11112

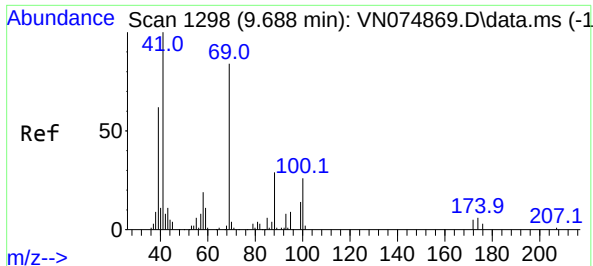
Ion Ratio Lower Upper

88 100

43 8.8 25.7 38.5#

58 85.4 53.4 80.2#

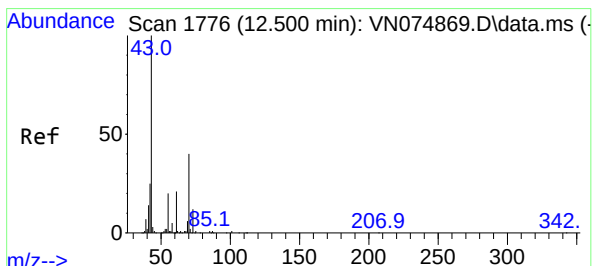
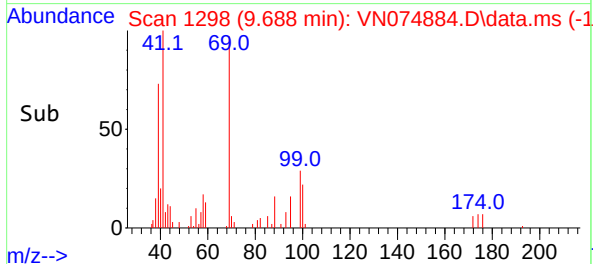
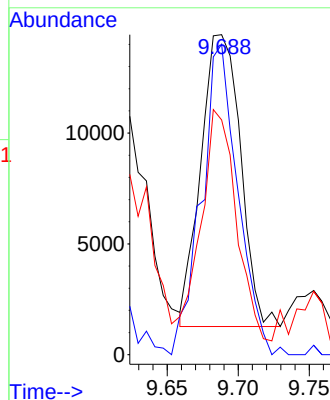
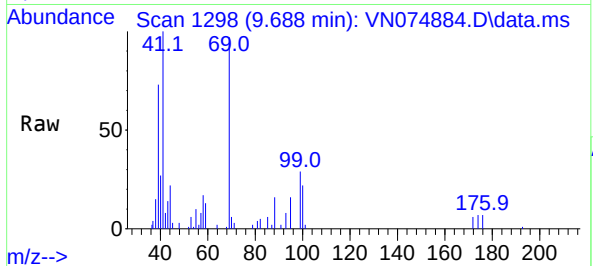




#46
Methyl methacrylate
Concen: 3.494 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

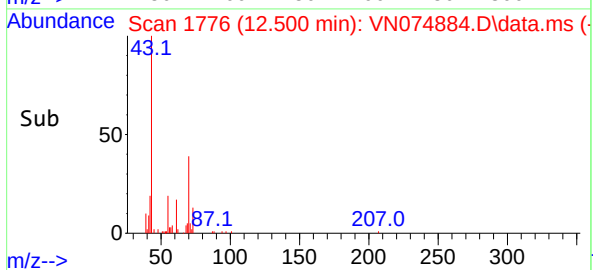
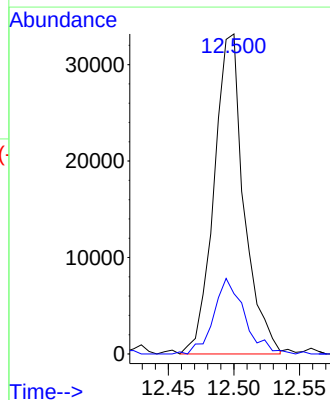
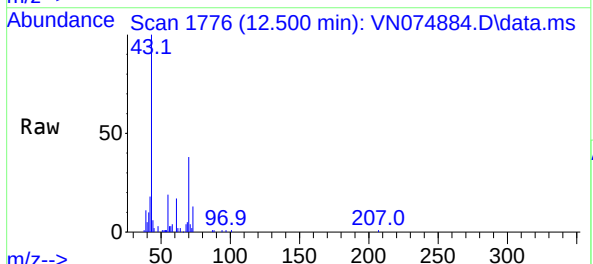
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

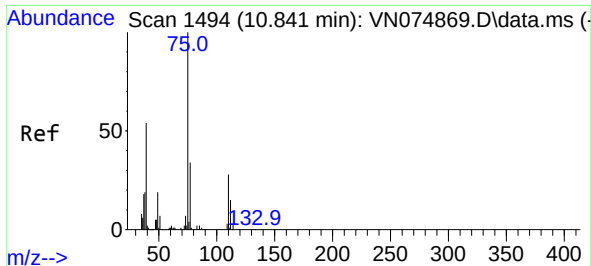
Tgt Ion:	41	Resp:	25589
Ion	Ratio	Lower	Upper
41	100		
69	103.8	45.6	136.7
39	67.4	32.3	96.9



#47
n-amy1 Acetate
Concen: 3.563 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:	43	Resp:	52718
Ion	Ratio	Lower	Upper
43	100		
55	23.8	16.8	25.2

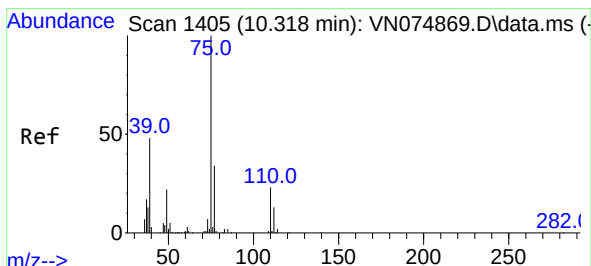
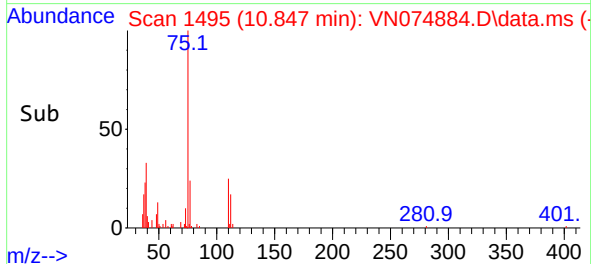
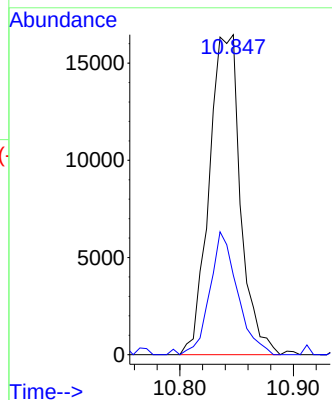
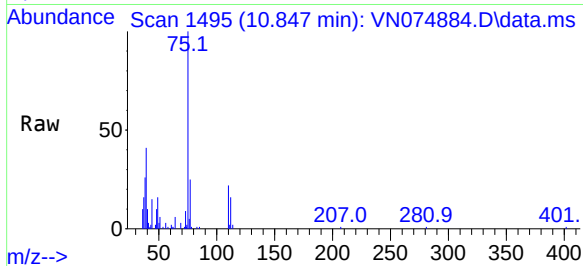




#48
t-1,3-Dichloropropene
Concen: 3.534 ug/l
RT: 10.847 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

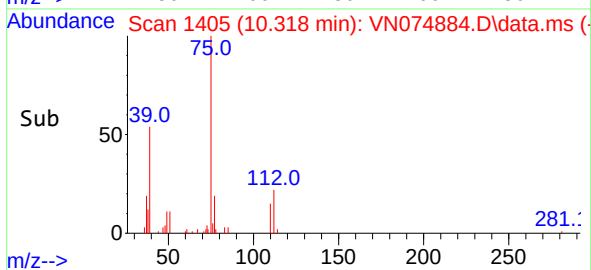
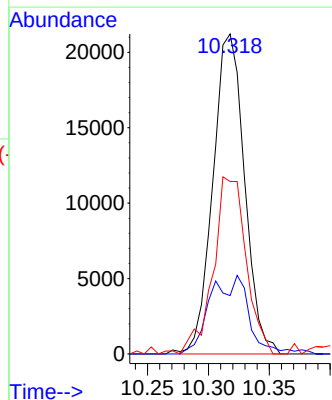
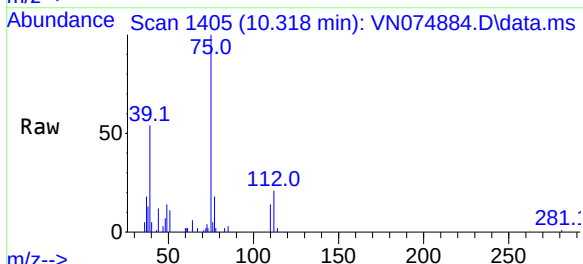
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

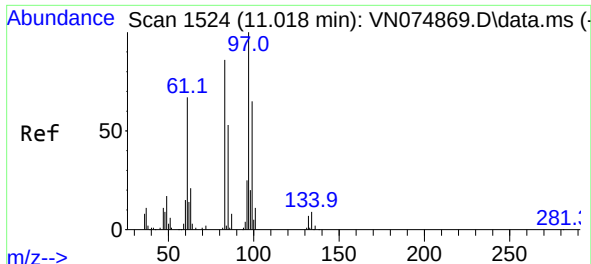
Tgt Ion: 75 Resp: 31611
Ion Ratio Lower Upper
75 100
77 24.8 25.8 38.8#



#49
cis-1,3-Dichloropropene
Concen: 4.037 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 75 Resp: 38287
Ion Ratio Lower Upper
75 100
77 18.3 22.5 33.7#
39 53.9 37.6 56.4

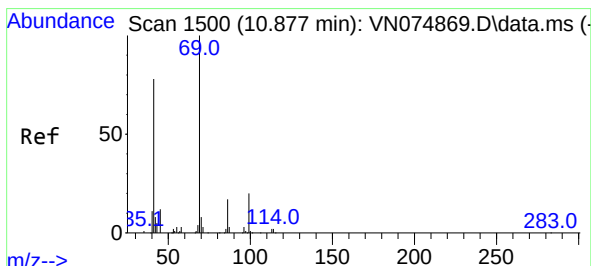
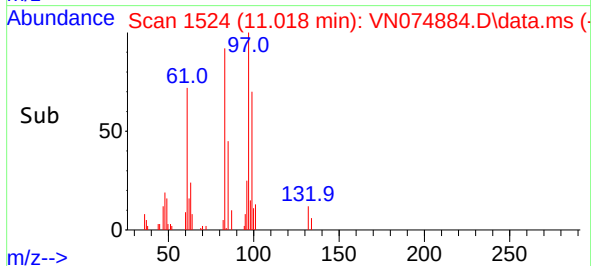
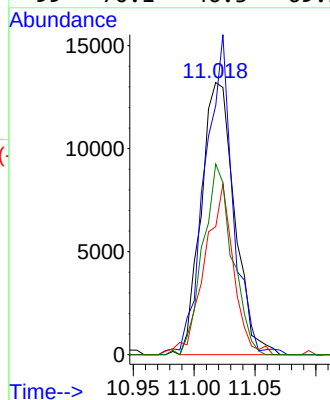
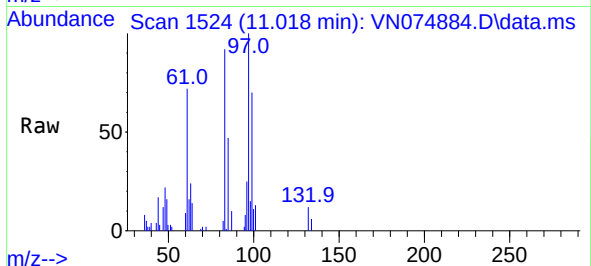




#50
1,1,2-Trichloroethane
Concen: 4.270 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

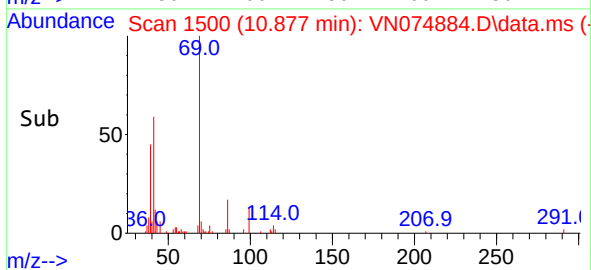
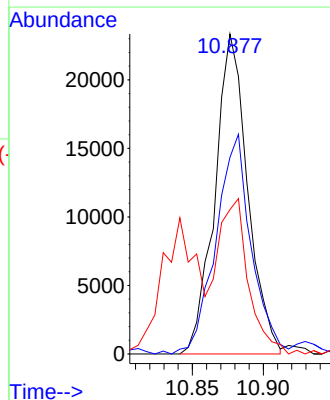
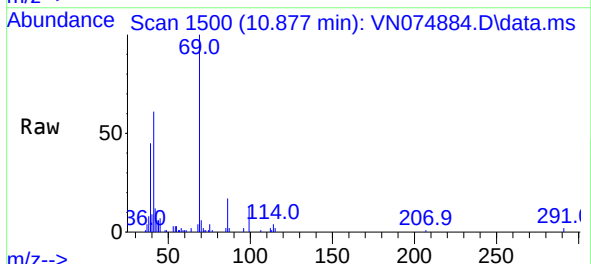
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

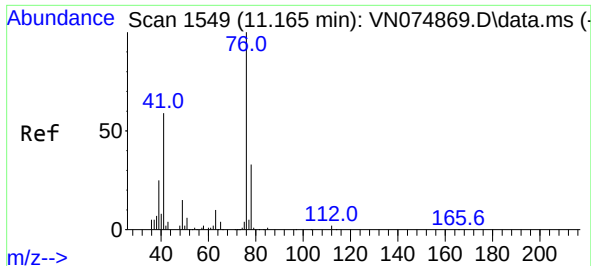
Tgt Ion: 97	Resp: 25149
Ion Ratio	Lower Upper
97 100	
83 89.9	69.2 103.8
85 47.0	41.4 62.2
99 70.1	46.3 69.5#



#51
Ethyl methacrylate
Concen: 3.744 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 69	Resp: 37503
Ion Ratio	Lower Upper
69 100	
41 59.9	32.5 97.5
39 42.1	21.5 64.5

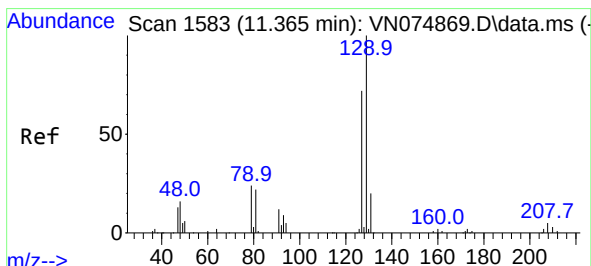
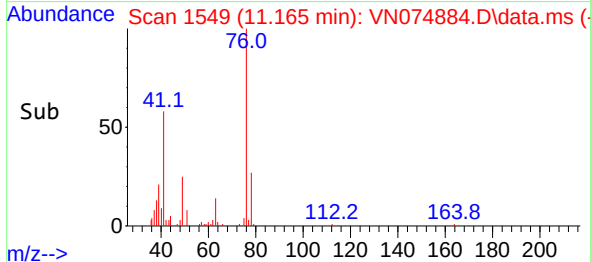
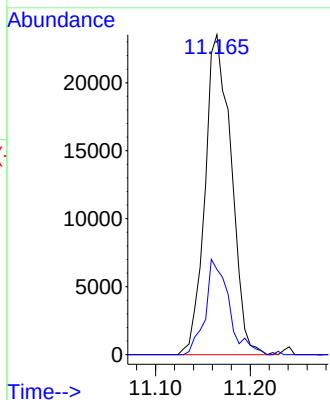
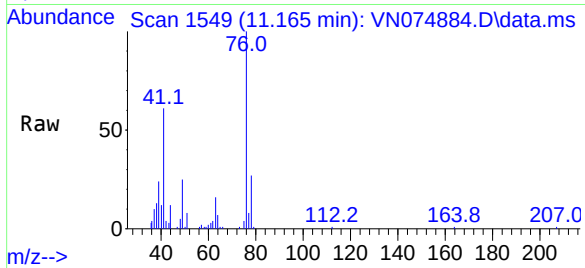




#52
1,3-Dichloropropane
Concen: 4.453 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

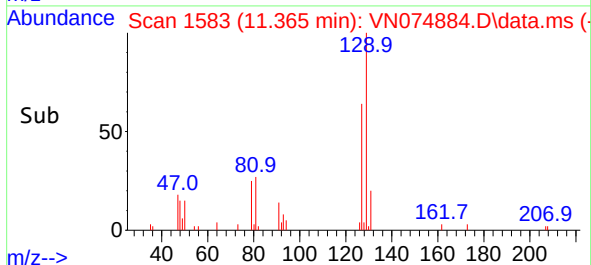
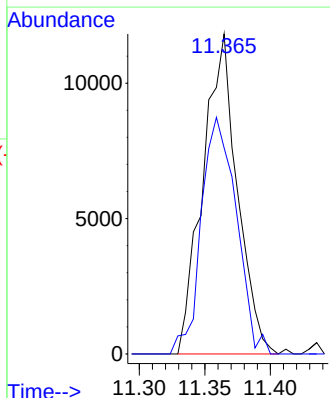
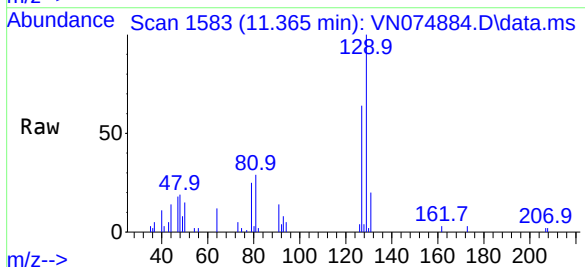
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

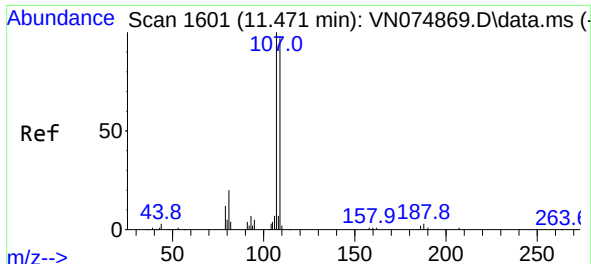
Tgt Ion: 76 Resp: 45276
Ion Ratio Lower Upper
76 100
78 24.9 0.0 63.8



#53
Dibromochloromethane
Concen: 3.731 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 129 Resp: 21532
Ion Ratio Lower Upper
129 100
127 68.8 40.6 121.7

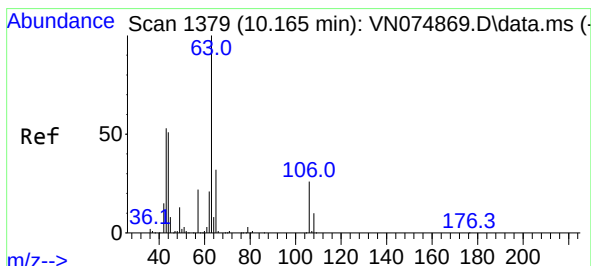
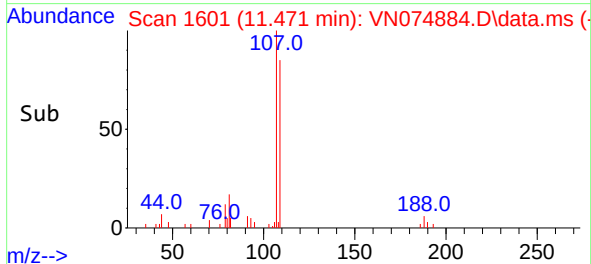
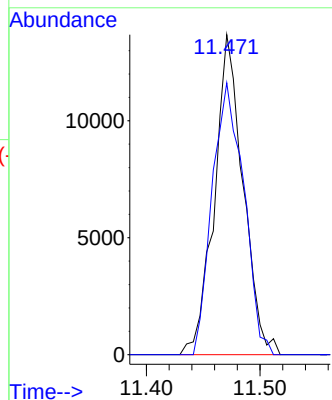
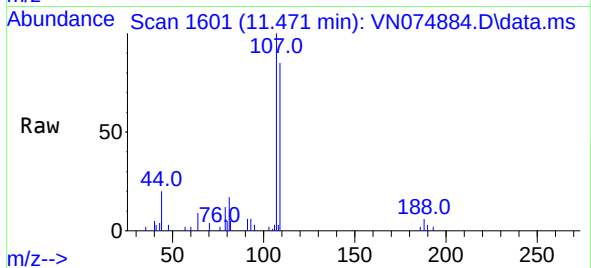




#54
1,2-Dibromoethane
Concen: 4.243 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

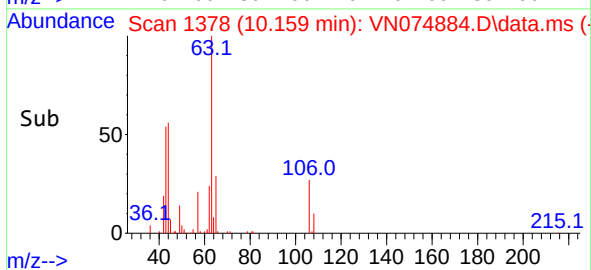
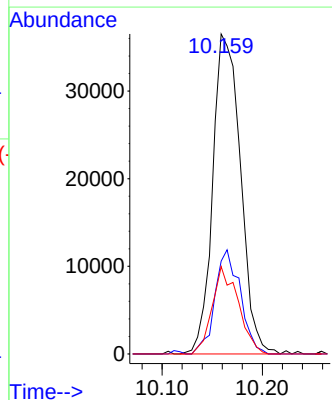
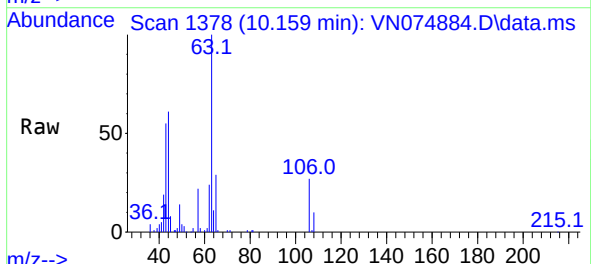
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

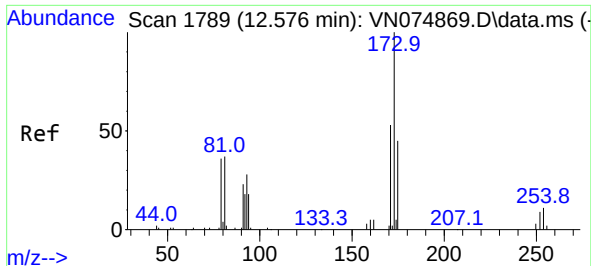
Tgt Ion:107 Resp: 24013
Ion Ratio Lower Upper
107 100
109 93.7 76.2 114.2



#55
2-Chloroethyl vinyl ether
Concen: 17.884 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 63 Resp: 70070
Ion Ratio Lower Upper
63 100
65 29.8 24.6 36.8
106 25.8 21.3 31.9

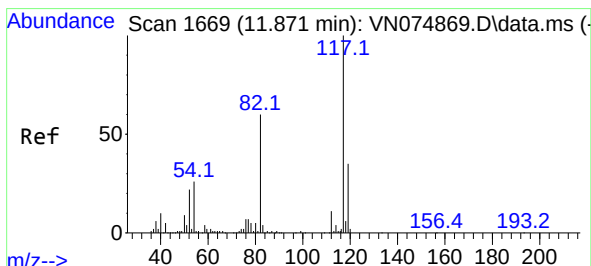
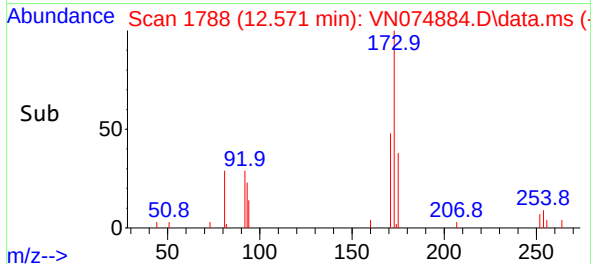
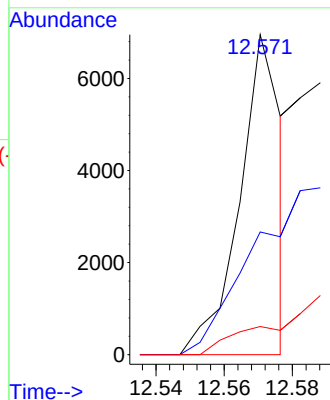
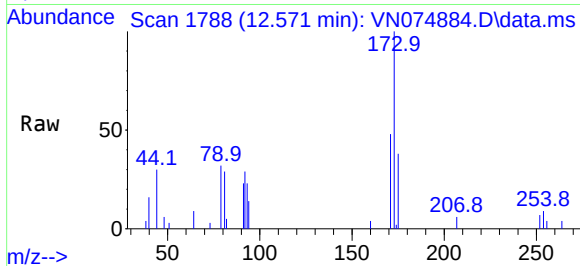




#56
Bromoform
Concen: 1.449 ug/l
RT: 12.571 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

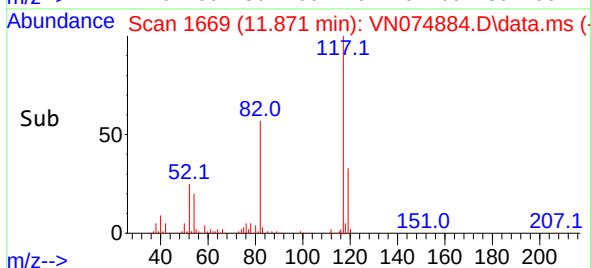
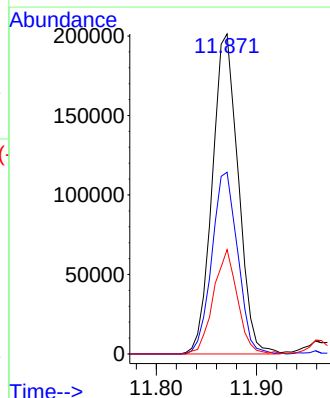
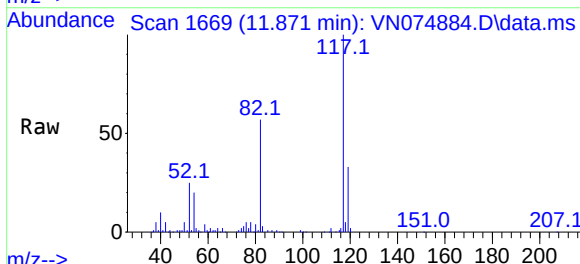
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

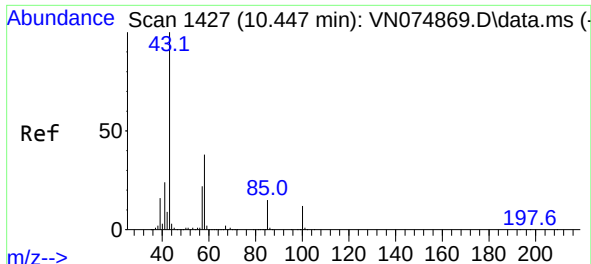
Tgt Ion:173 Resp: 6024
Ion Ratio Lower Upper
173 100
175 0.0 39.1 58.7#
254 11.4 7.0 10.6#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:117 Resp: 362899
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 30.0 25.6 38.4



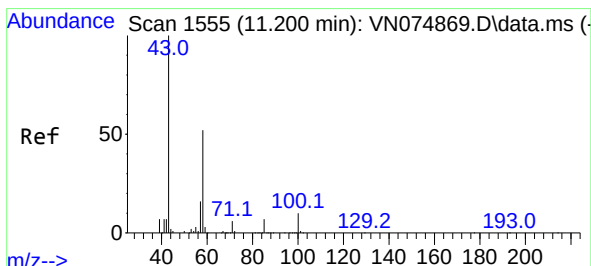
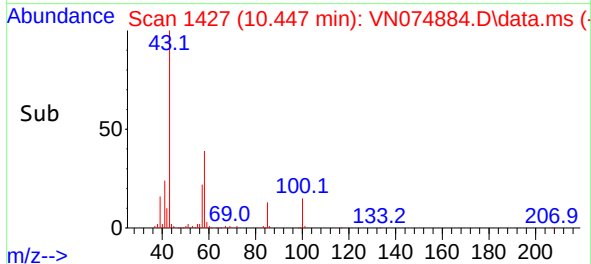
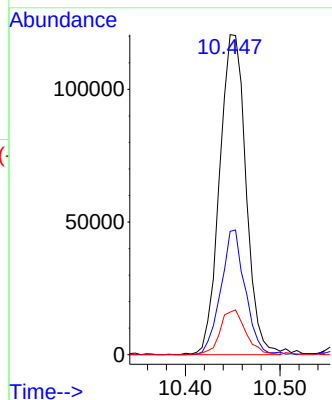
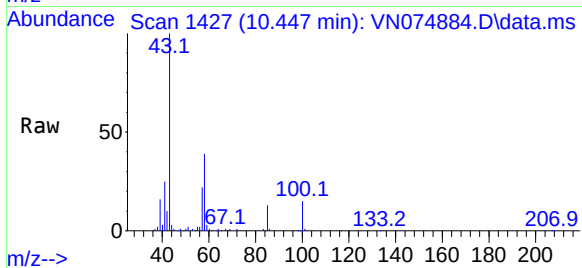


#58
4-Methyl-2-Pentanone
Concen: 20.676 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 43 Resp: 233349

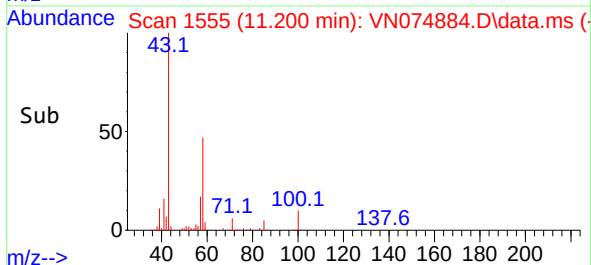
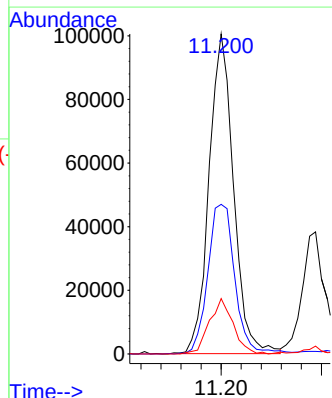
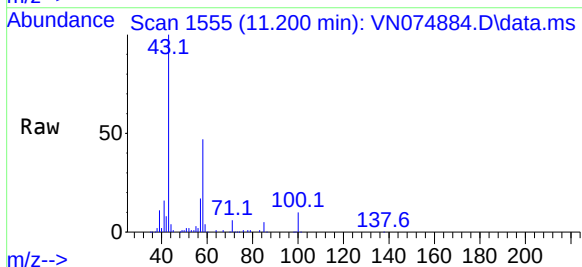
Ion	Ratio	Lower	Upper
43	100		
58	36.0	30.8	46.2
85	13.6	13.3	19.9

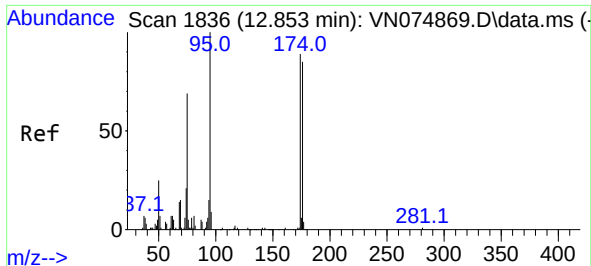


#59
2-Hexanone
Concen: 19.657 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 43 Resp: 170737

Ion	Ratio	Lower	Upper
43	100		
58	50.8	43.6	65.4
57	16.9	14.3	21.5

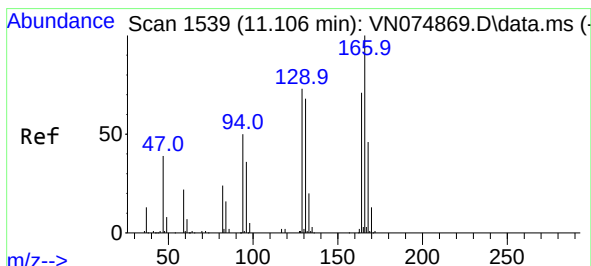
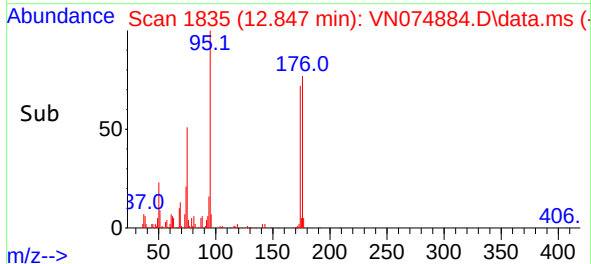
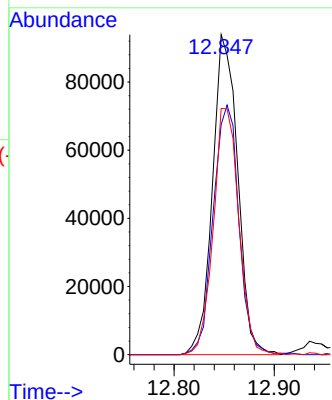
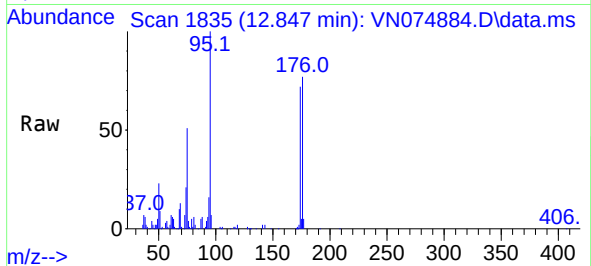




#60
4-Bromofluorobenzene
Concen: 25.436 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

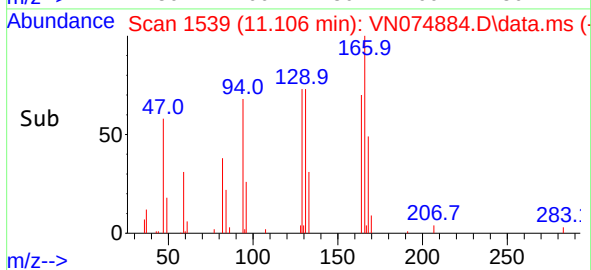
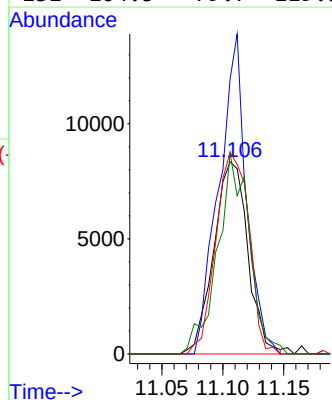
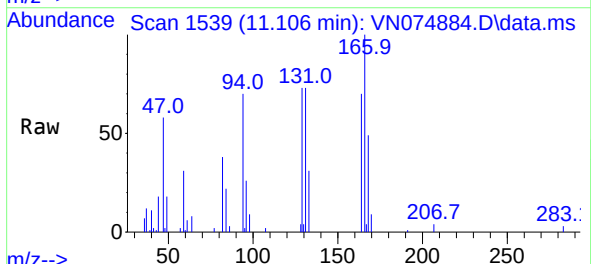
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

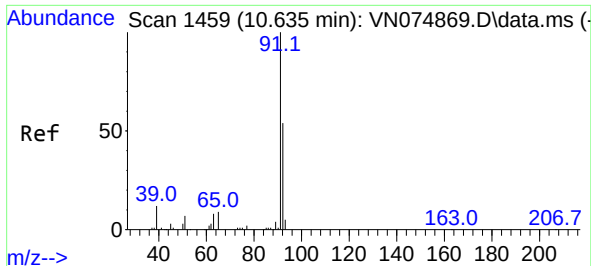
Tgt Ion: 95 Resp: 163692
Ion Ratio Lower Upper
95 100
174 79.6 57.8 86.8
176 77.9 57.0 85.4



#61
Tetrachloroethene
Concen: 4.198 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:164 Resp: 16241
Ion Ratio Lower Upper
164 100
166 143.2 99.6 149.4
129 105.0 84.0 126.0
131 104.5 79.7 119.5

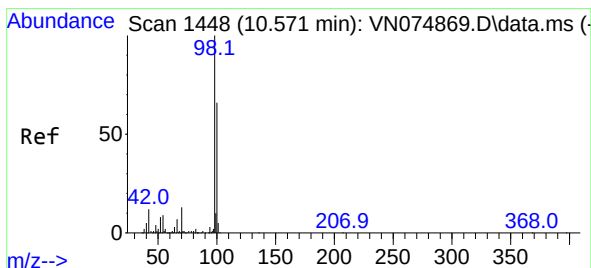
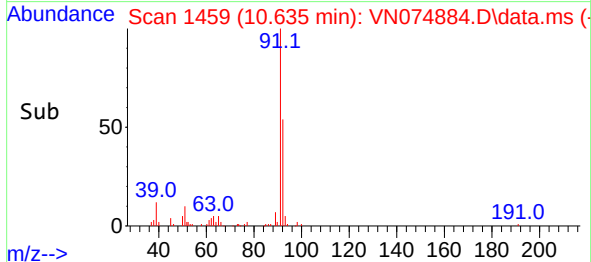
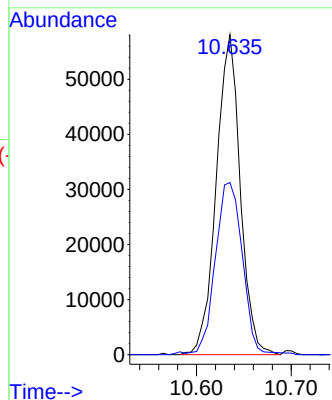
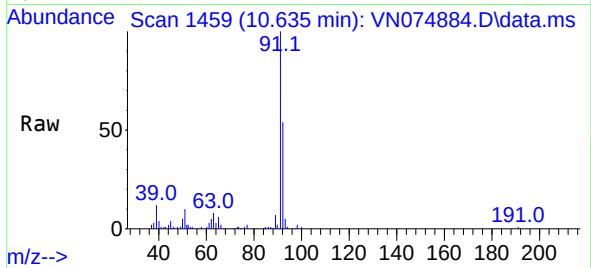




#62
Toluene
Concen: 4.086 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

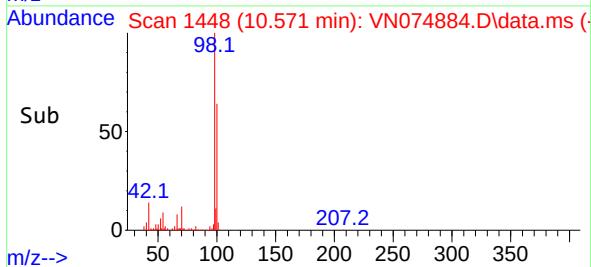
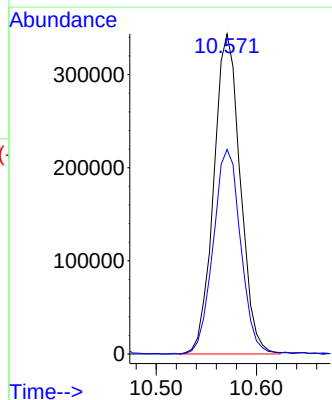
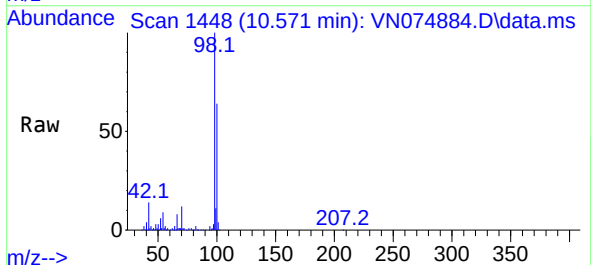
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

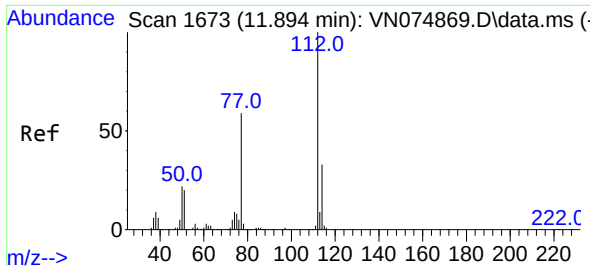
Tgt Ion: 91 Resp: 102441
Ion Ratio Lower Upper
91 100
92 59.5 46.0 69.0



#63
Toluene-d8
Concen: 30.171 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 98 Resp: 631916
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

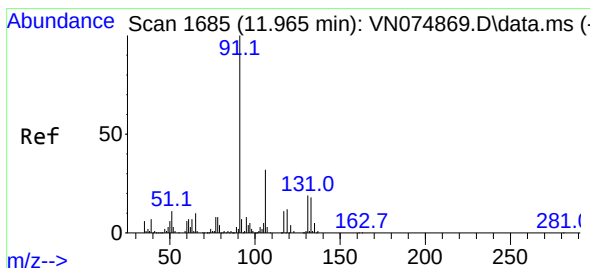
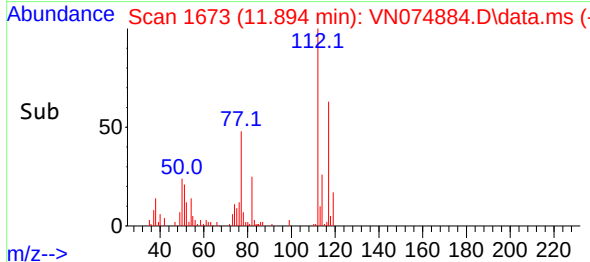
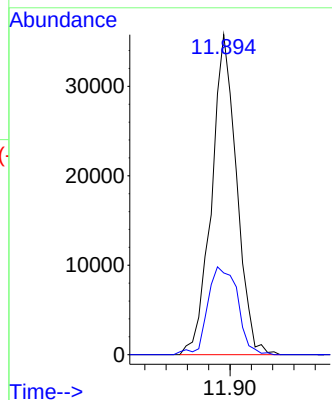
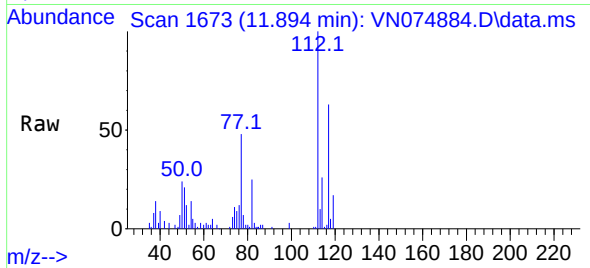




#64
Chlorobenzene
Concen: 4.104 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

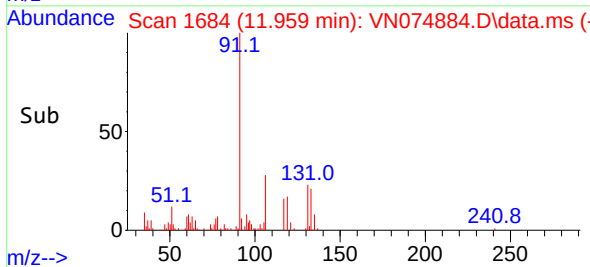
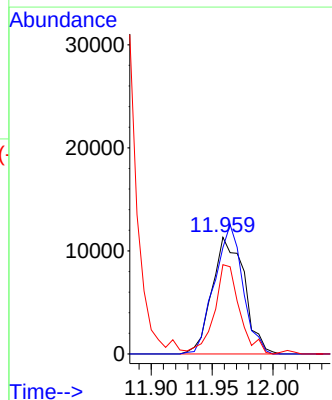
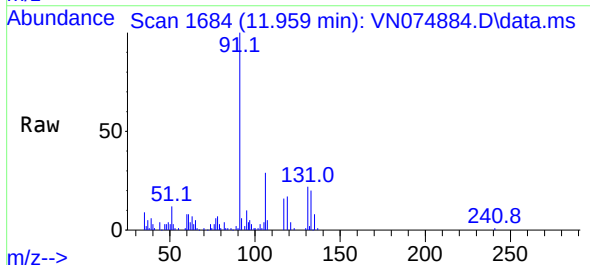
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

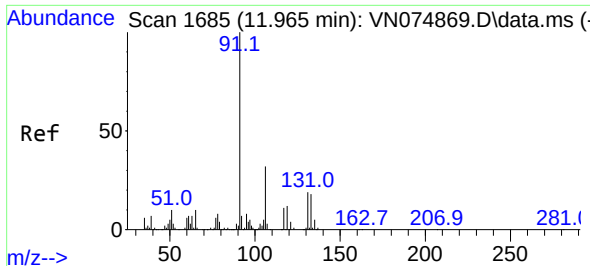
Tgt Ion:112 Resp: 58489
Ion Ratio Lower Upper
112 100
114 25.6 24.7 37.1



#65
1,1,1,2-Tetrachloroethane
Concen: 3.879 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:131 Resp: 20821
Ion Ratio Lower Upper
131 100
133 97.5 0.0 191.8
119 60.0 0.0 135.8

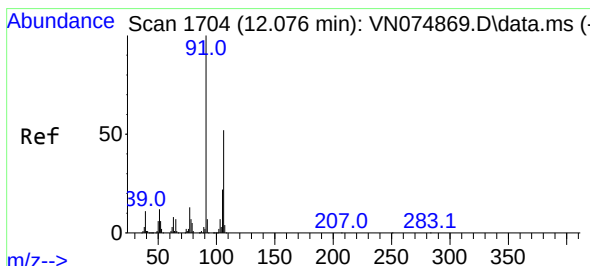
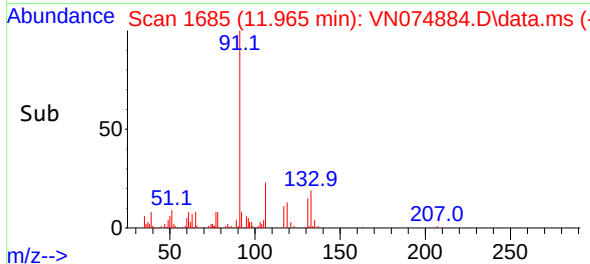
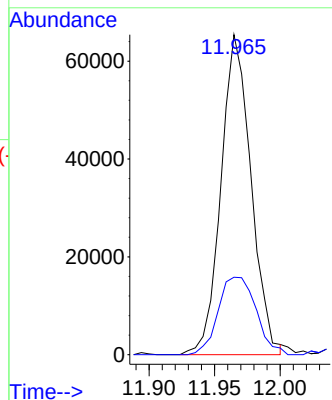
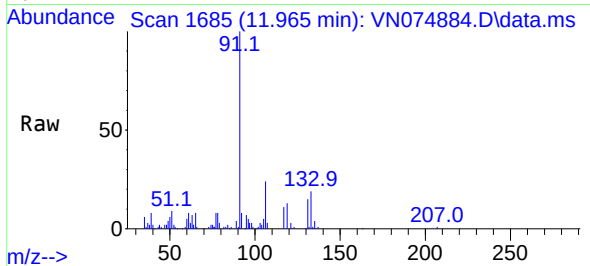




#66
Ethyl Benzene
Concen: 3.828 ug/l
RT: 11.965 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

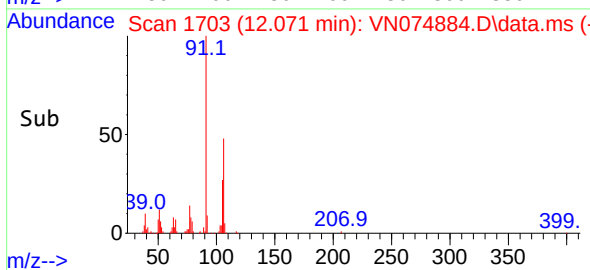
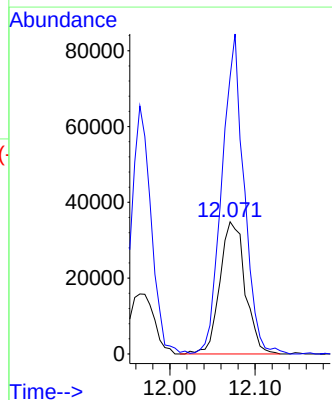
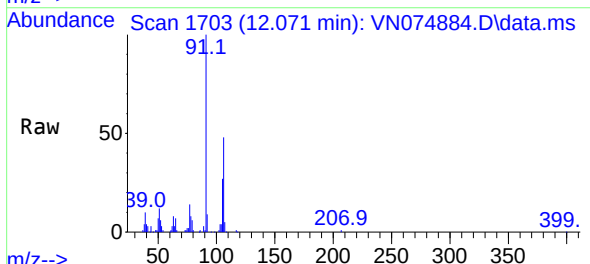
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

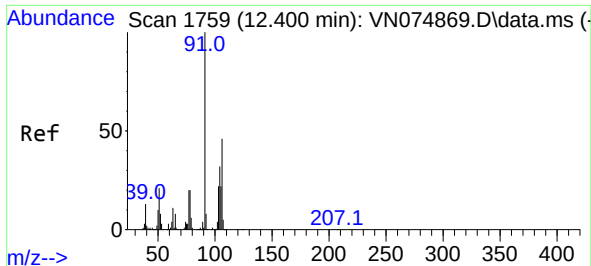
Tgt Ion: 91 Resp: 104360
Ion Ratio Lower Upper
91 100
106 24.2 24.1 36.1



#67
m/p-Xylenes
Concen: 7.042 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 106 Resp: 72128
Ion Ratio Lower Upper
106 100
91 210.4 164.2 246.4

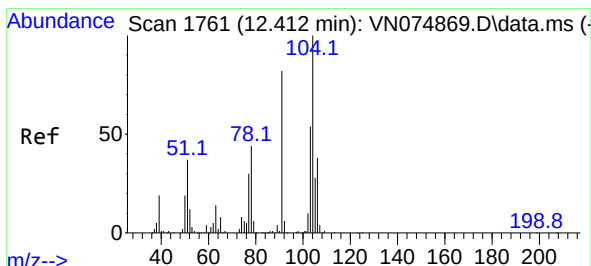
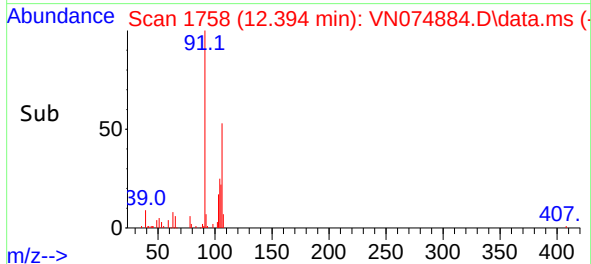
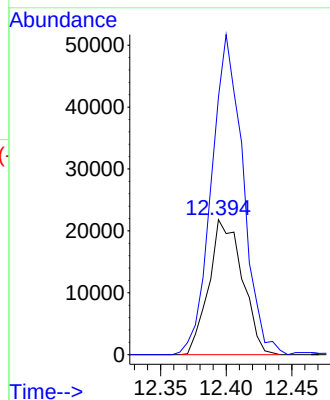
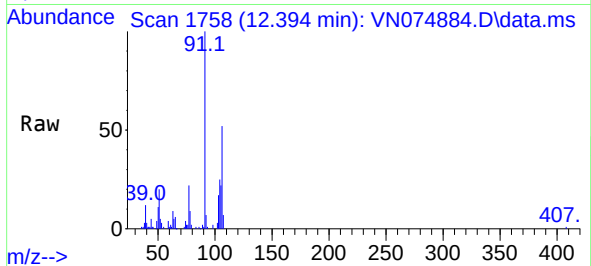




#68
o-Xylene
Concen: 3.722 ug/l
RT: 12.394 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

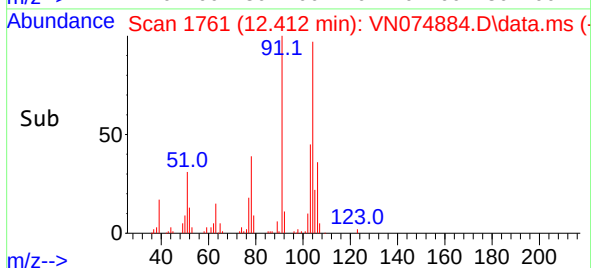
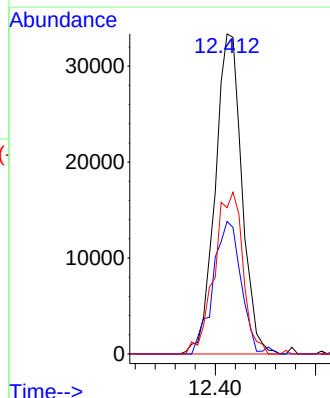
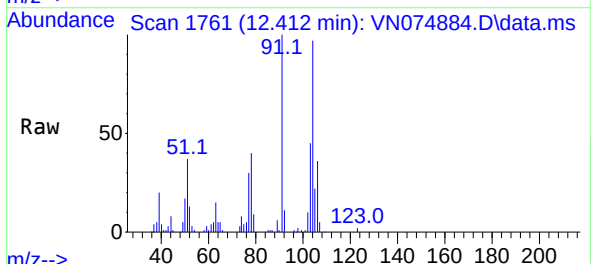
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

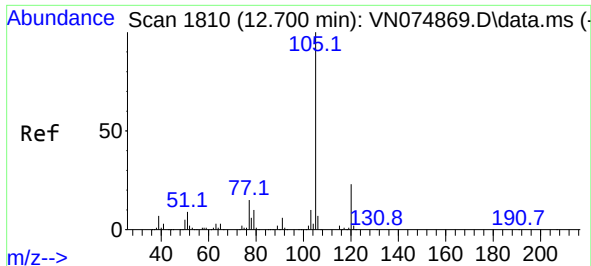
Tgt Ion:106 Resp: 38745
Ion Ratio Lower Upper
106 100
91 222.9 108.5 325.5



#69
Styrene
Concen: 3.617 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:104 Resp: 61628
Ion Ratio Lower Upper
104 100
78 43.1 39.9 59.9
103 54.1 43.8 65.8

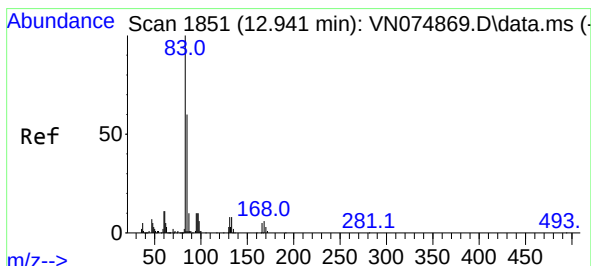
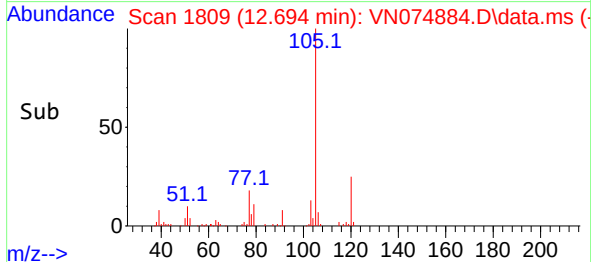
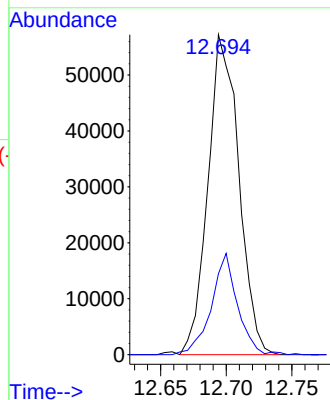
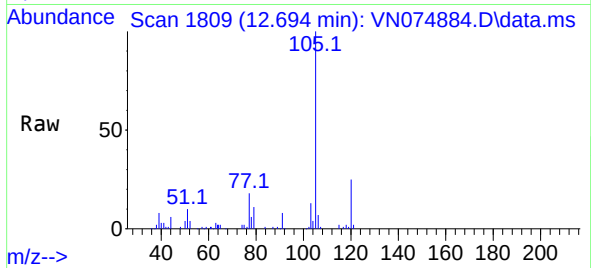




#70
Isopropylbenzene
Concen: 3.486 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

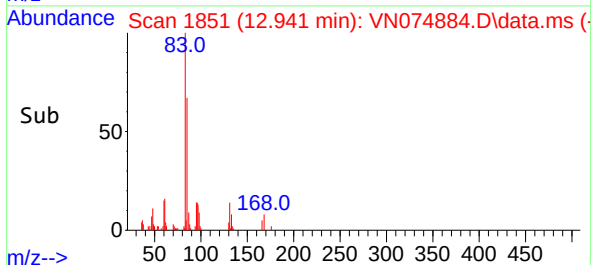
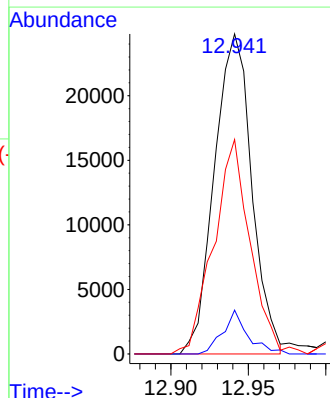
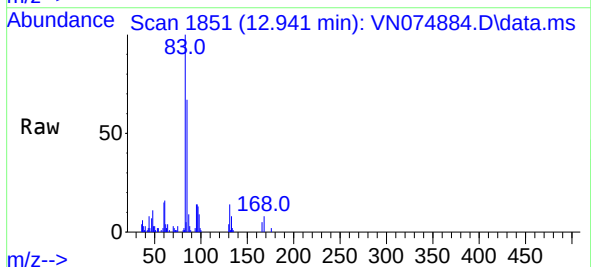
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

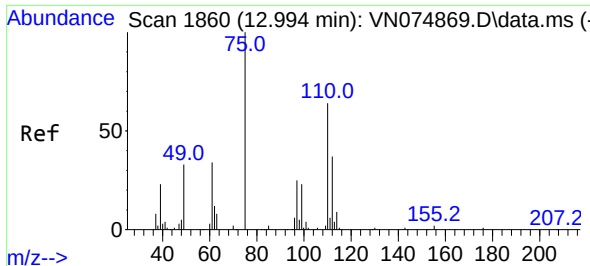
Tgt Ion:105 Resp: 93602
Ion Ratio Lower Upper
105 100
120 26.6 18.5 34.3



#71
1,1,2,2-Tetrachloroethane
Concen: 4.134 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 83 Resp: 41525
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.5
85 64.9 30.9 92.7

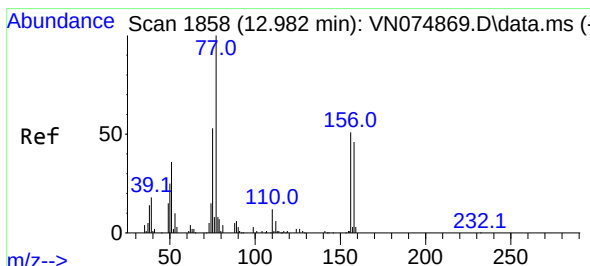
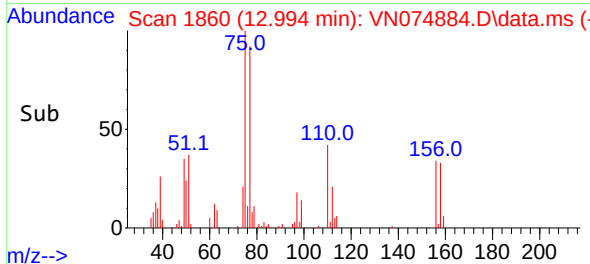
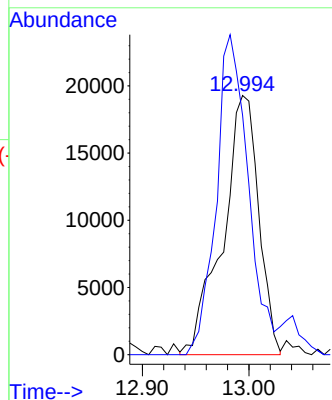
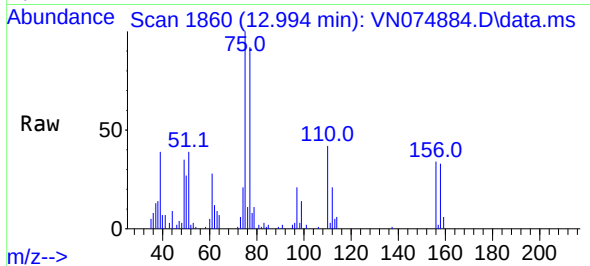




#72
1,2,3-Trichloropropane
Concen: 5.379 ug/l
RT: 12.994 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

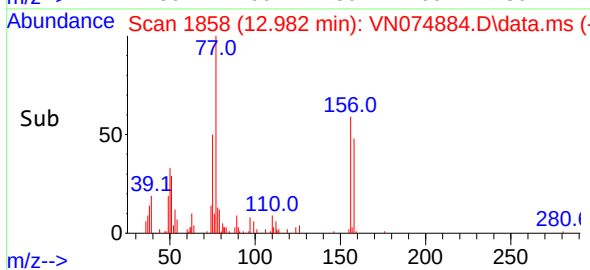
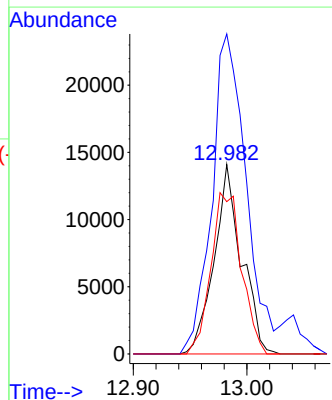
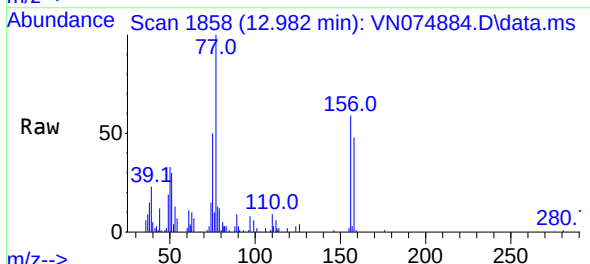
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

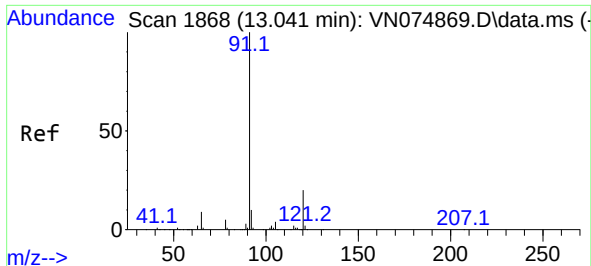
Tgt Ion: 75 Resp: 45387
Ion Ratio Lower Upper
75 100
77 109.2 0.0 372.4



#73
Bromobenzene
Concen: 4.215 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:156 Resp: 23717
Ion Ratio Lower Upper
156 100
77 208.9 0.0 491.8
158 94.8 0.0 185.0

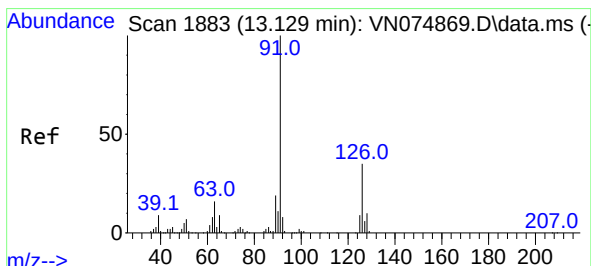
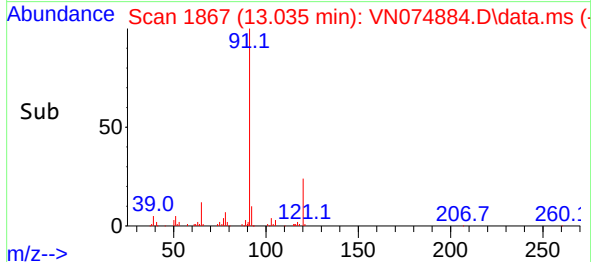
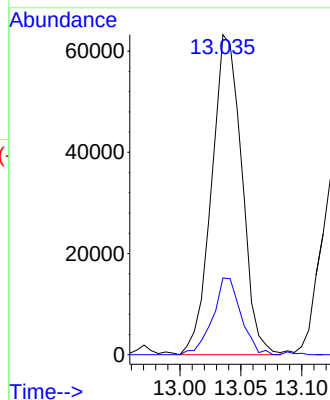
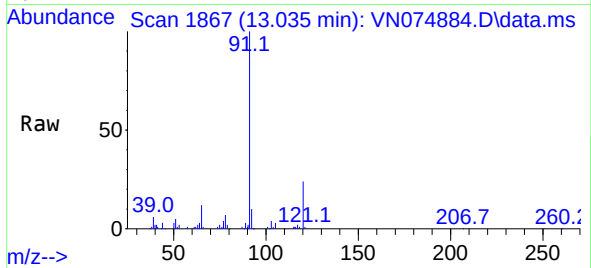




#74
n-propylbenzene
Concen: 3.478 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

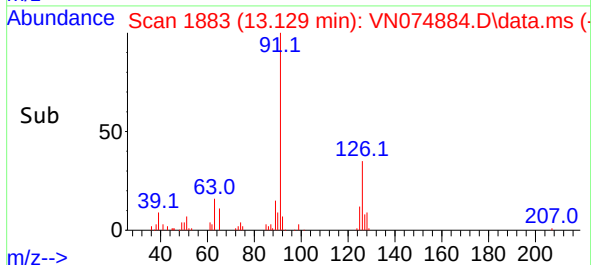
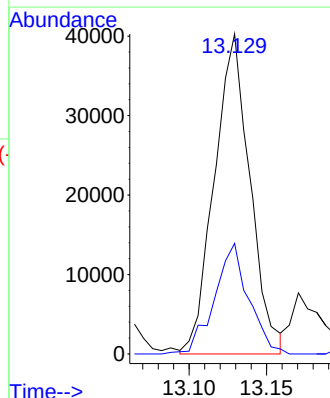
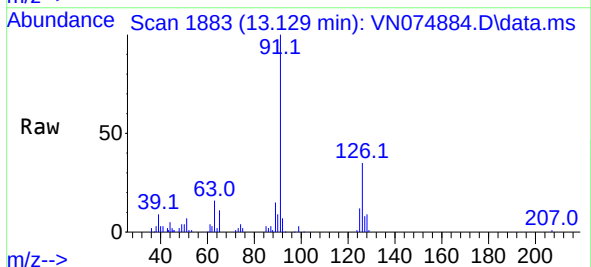
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

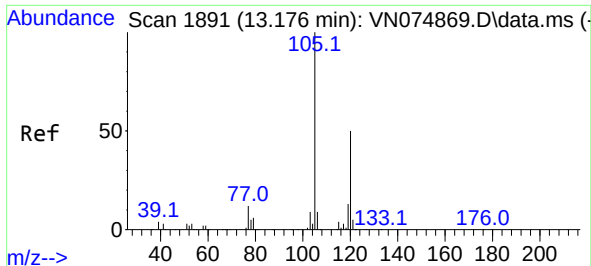
Tgt Ion: 91 Resp: 108891
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.6



#75
2-Chlorotoluene
Concen: 3.520 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 91 Resp: 64459
Ion Ratio Lower Upper
91 100
126 32.8 0.0 66.2

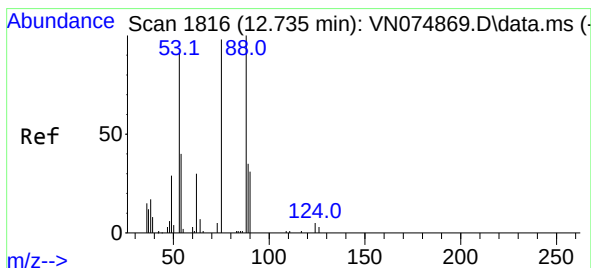
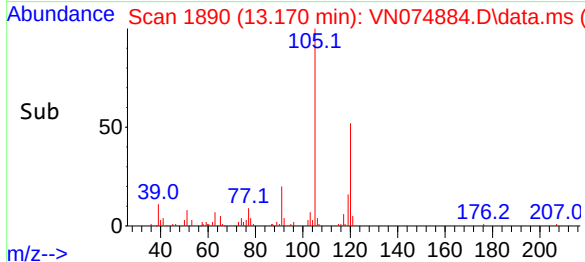
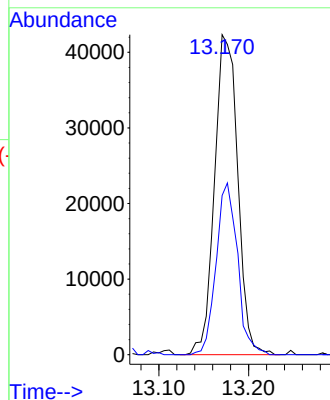
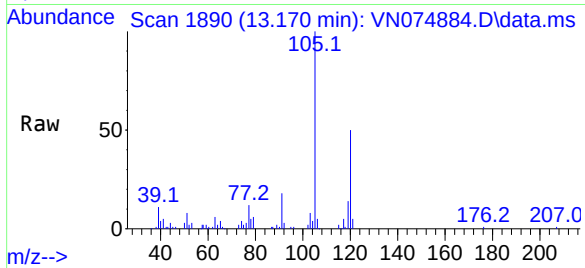




#76
1,3,5-Trimethylbenzene
Concen: 3.481 ug/l
RT: 13.170 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

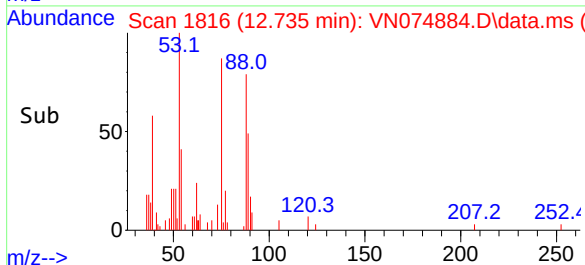
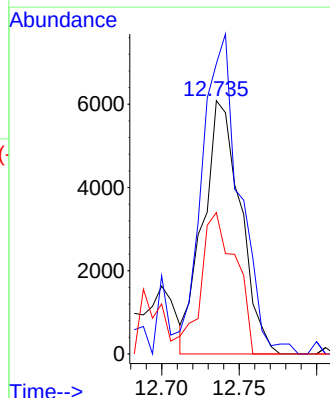
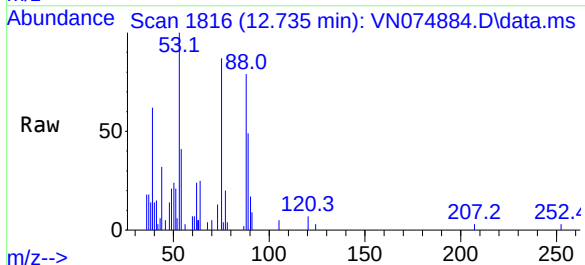
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

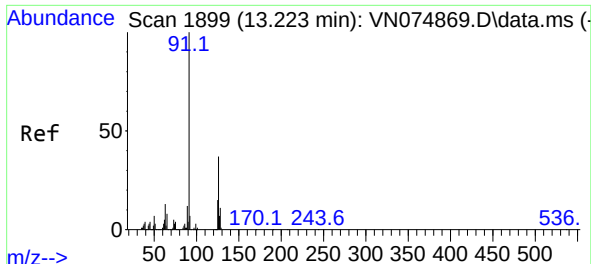
Tgt Ion:105 Resp: 75963
Ion Ratio Lower Upper
105 100
120 49.5 0.0 97.4



#77
t-1,4-Dichloro-2-butene
Concen: 2.903 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 75 Resp: 10179
Ion Ratio Lower Upper
75 100
53 110.6 43.3 129.9
89 55.9 21.1 63.1

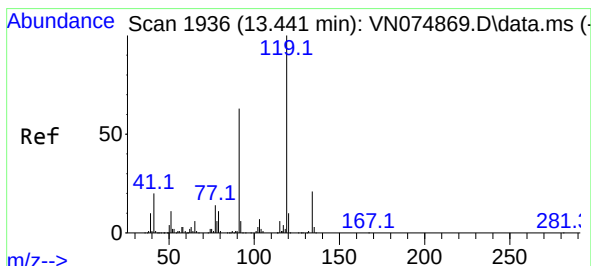
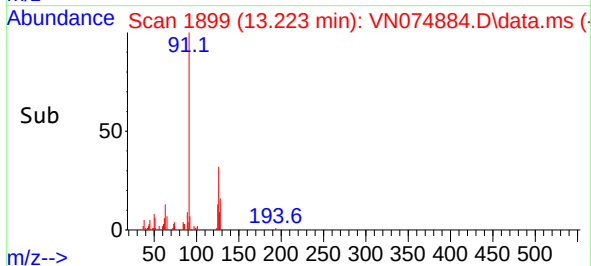
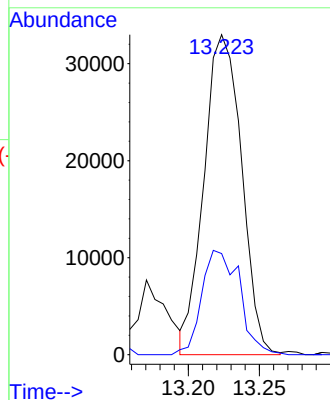
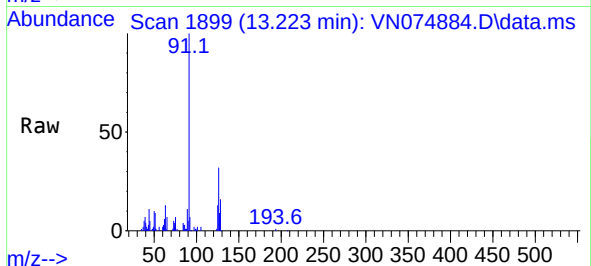




#78
4-Chlorotoluene
Concen: 3.479 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

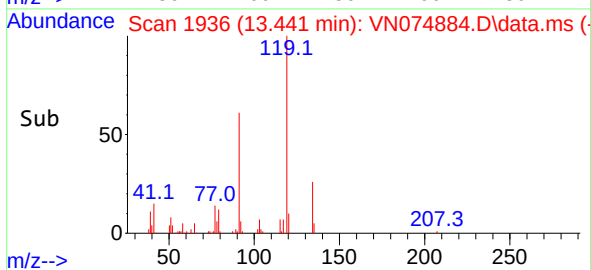
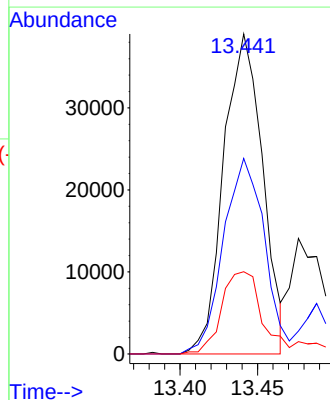
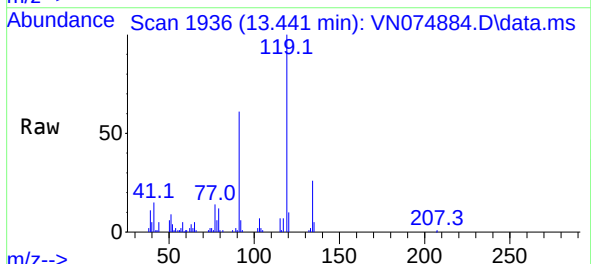
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

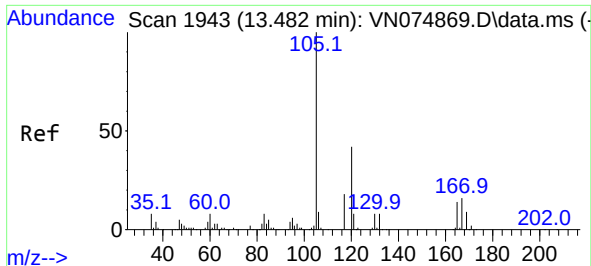
Tgt Ion: 91 Resp: 60794
Ion Ratio Lower Upper
91 100
126 32.8 0.0 67.8



#79
tert-butylbenzene
Concen: 3.519 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 119 Resp: 68311
Ion Ratio Lower Upper
119 100
91 64.1 0.0 129.0
134 26.3 0.0 52.2

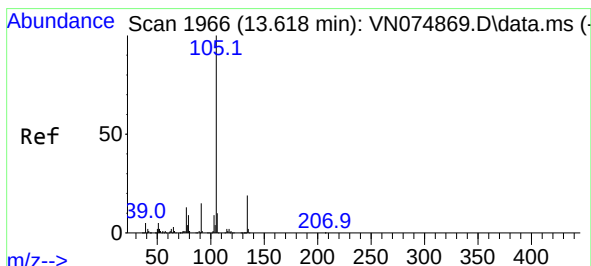
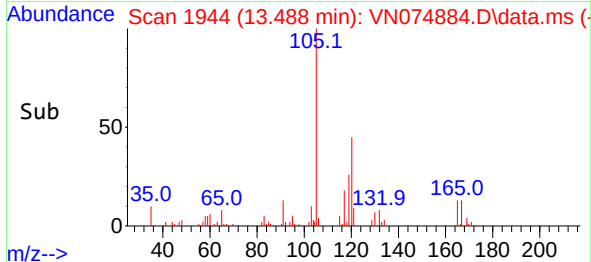
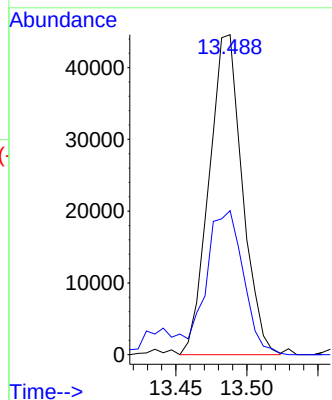
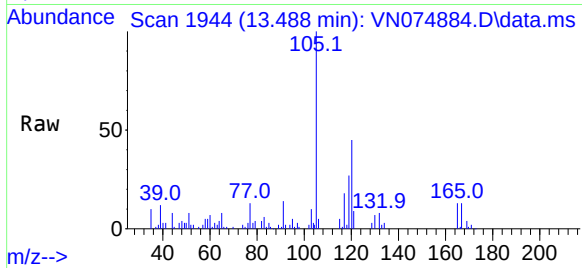




#80
1,2,4-Trimethylbenzene
Concen: 3.311 ug/l
RT: 13.488 min Scan# 1943
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

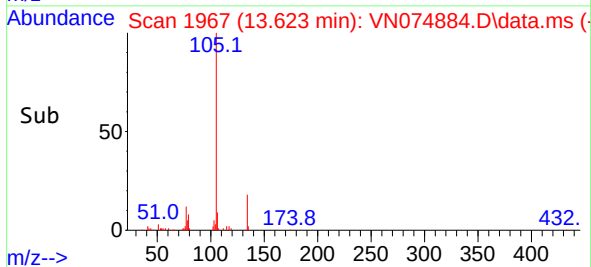
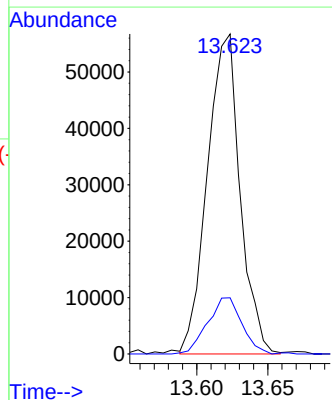
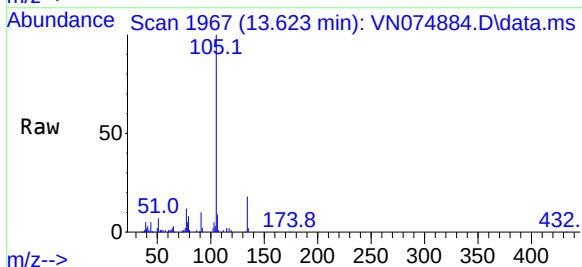
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

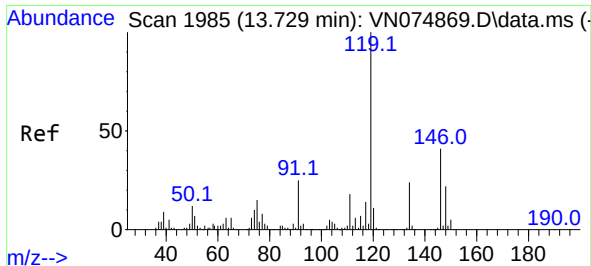
Tgt Ion:105 Resp: 72702
Ion Ratio Lower Upper
105 100
120 49.0 0.0 93.2



#81
sec-Butylbenzene
Concen: 3.257 ug/l
RT: 13.623 min Scan# 1967
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:105 Resp: 90863
Ion Ratio Lower Upper
105 100
134 18.4 0.0 38.8

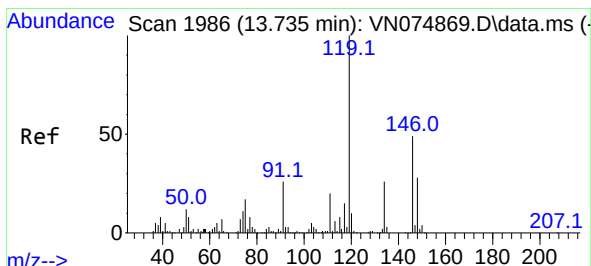
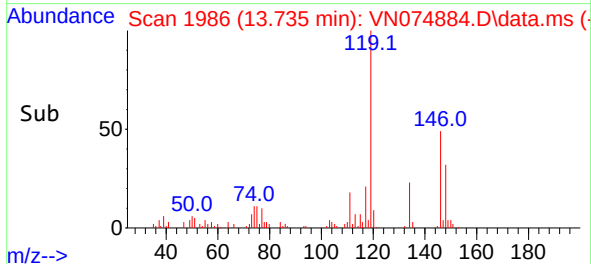
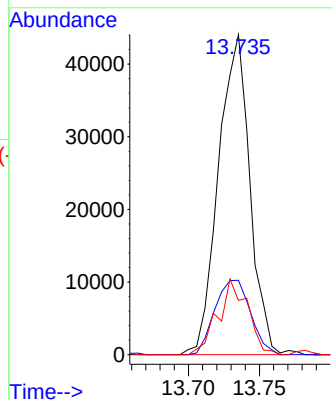
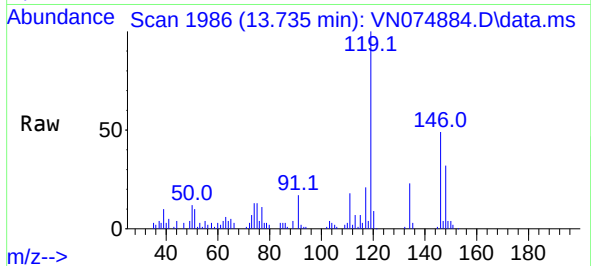




#82
p-Isopropyltoluene
Concen: 3.047 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

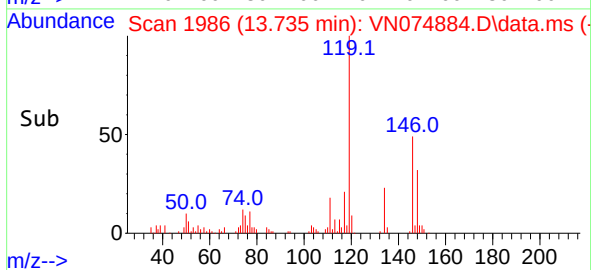
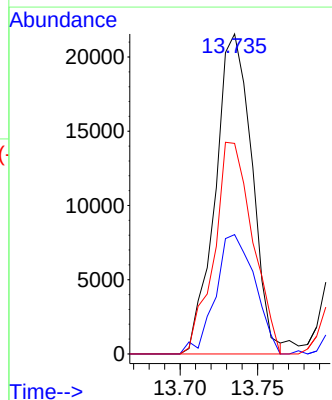
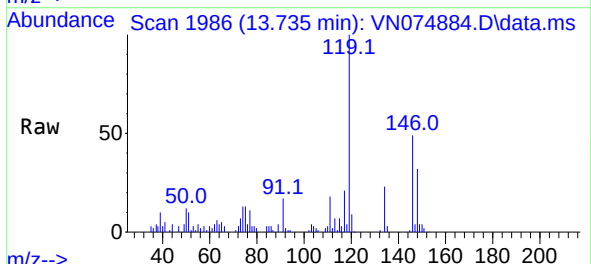
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

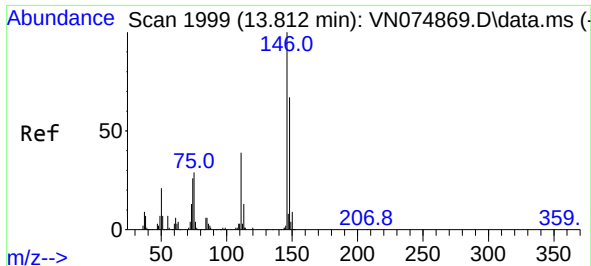
Tgt Ion:	119	Resp:	67539
Ion	Ratio	Lower	Upper
119	100		
134	26.6	0.0	51.4
91	22.4	0.0	46.8



#83
1,3-Dichlorobenzene
Concen: 3.228 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:	146	Resp:	35439
Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.5	61.5
148	69.6	31.0	93.0

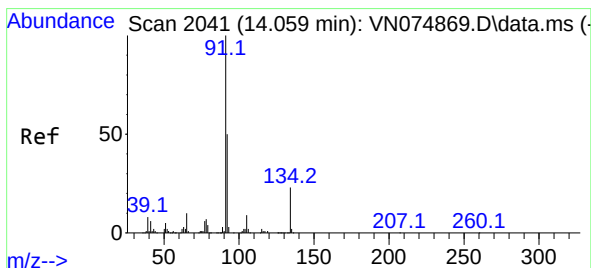
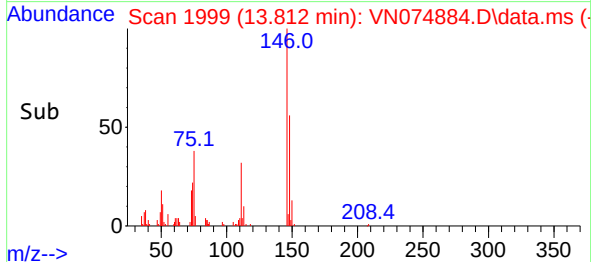
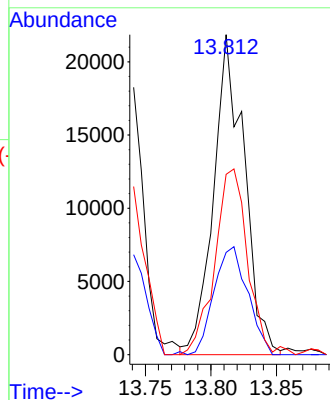
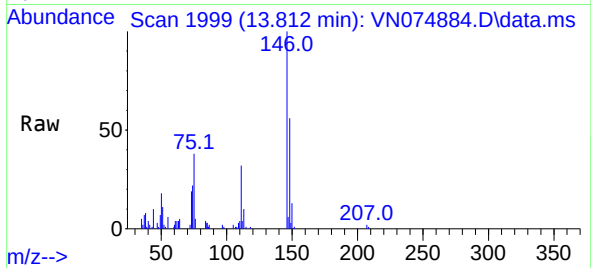




#84
1,4-Dichlorobenzene
Concen: 3.366 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

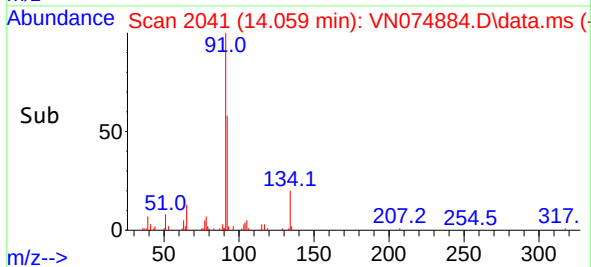
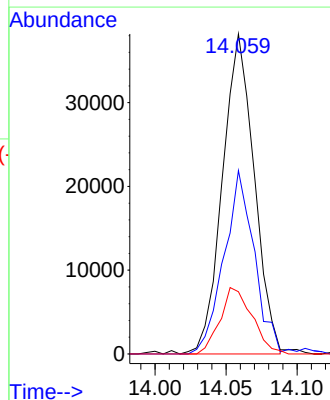
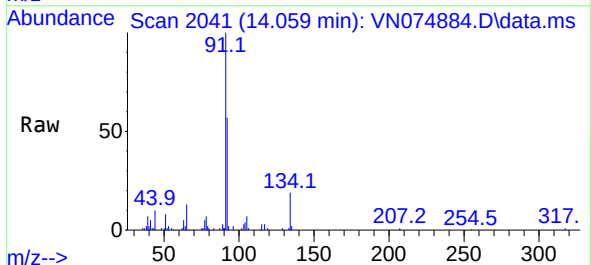
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

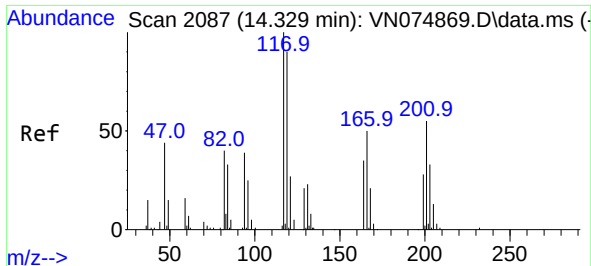
Tgt Ion:146 Resp: 35492
Ion Ratio Lower Upper
146 100
111 37.0 19.1 57.5
148 61.5 31.7 95.1



#85
n-Butylbenzene
Concen: 3.030 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 91 Resp: 59272
Ion Ratio Lower Upper
91 100
92 54.6 0.0 105.4
134 21.0 0.0 46.4

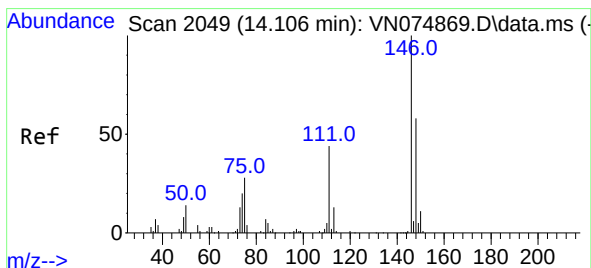
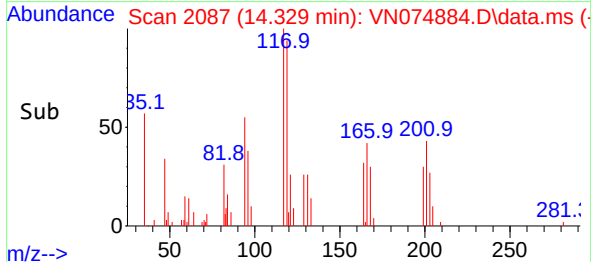
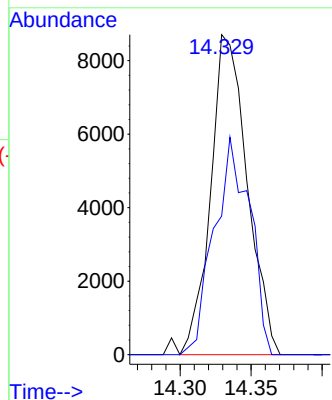
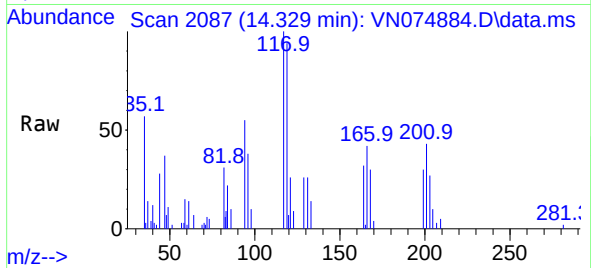




#86
Hexachloroethane
Concen: 3.597 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

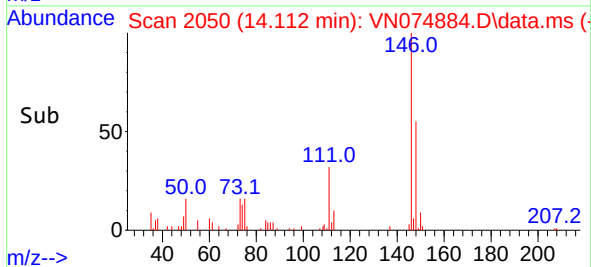
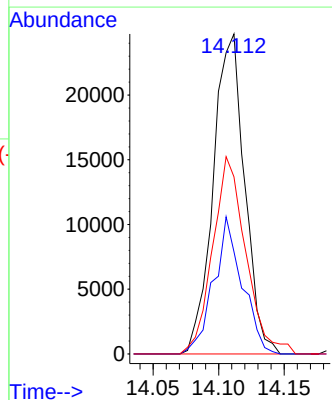
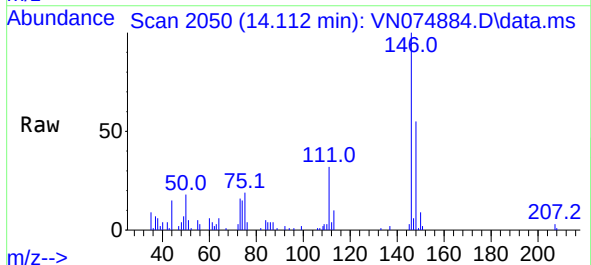
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

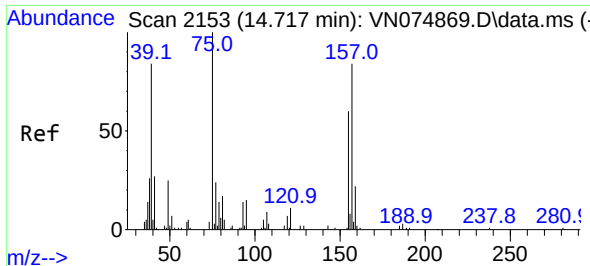
Tgt Ion:117 Resp: 15612
Ion Ratio Lower Upper
117 100
201 66.3 29.4 88.3



#87
1,2-Dichlorobenzene
Concen: 3.781 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:146 Resp: 41221
Ion Ratio Lower Upper
146 100
111 38.9 21.4 64.2
148 64.2 30.6 92.0

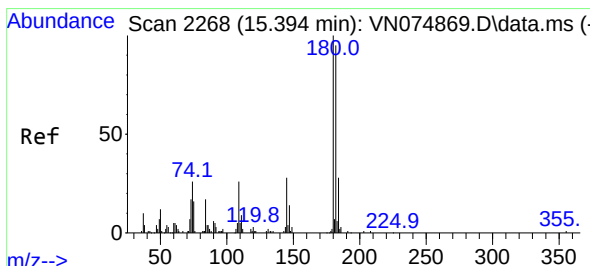
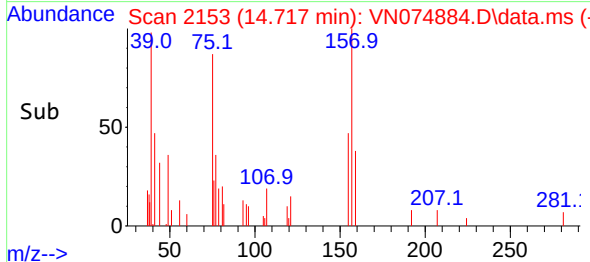
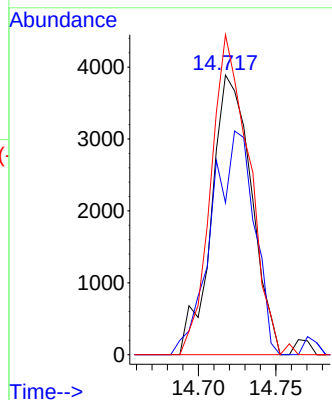
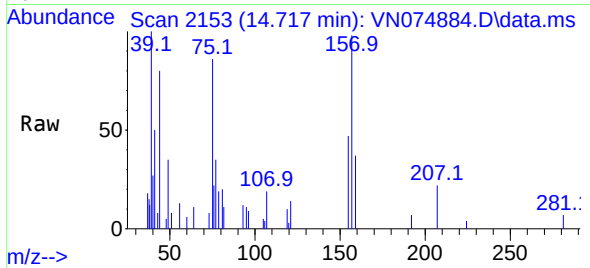




#88
1,2-Dibromo-3-Chloropropane
Concen: 3.431 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

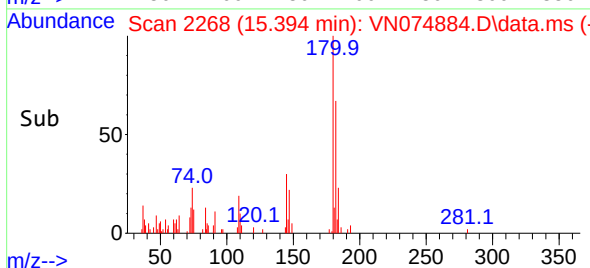
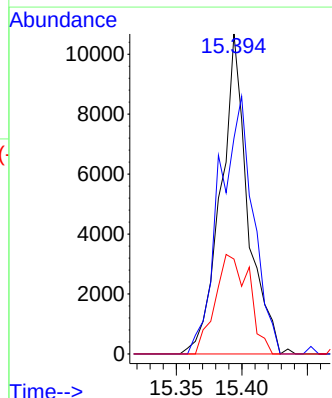
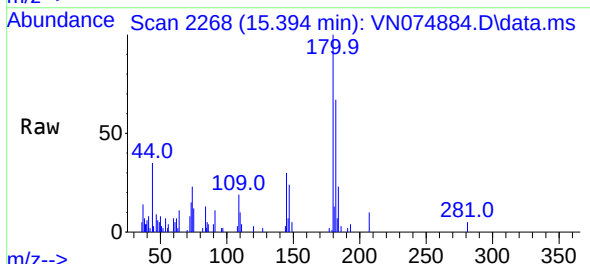
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

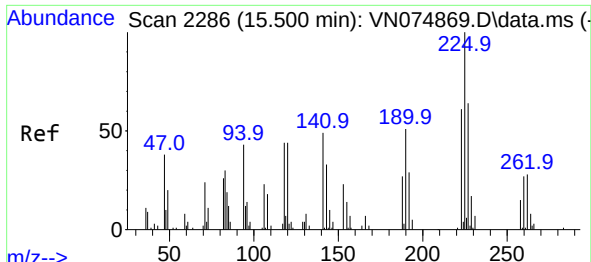
Tgt Ion:	75	Resp:	6956
Ion	Ratio	Lower	Upper
75	100		
155	85.7	66.3	99.5
157	109.3	84.3	126.5



#89
1,2,4-Trichlorobenzene
Concen: 3.079 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:	180	Resp:	15328
Ion	Ratio	Lower	Upper
180	100		
182	64.1	74.9	112.3#
145	29.7	26.3	39.5

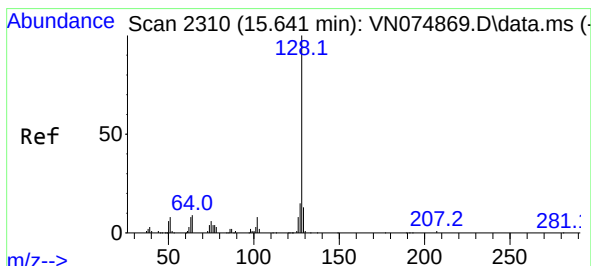
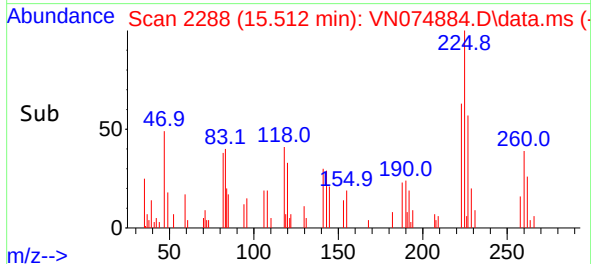
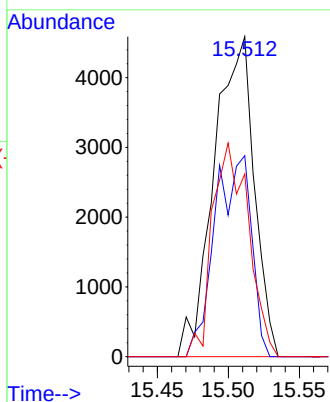
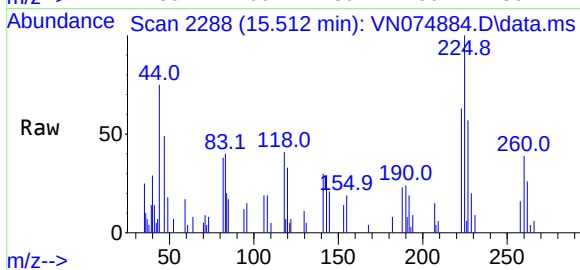




#90
Hexachlorobutadiene
Concen: 3.705 ug/l
RT: 15.512 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

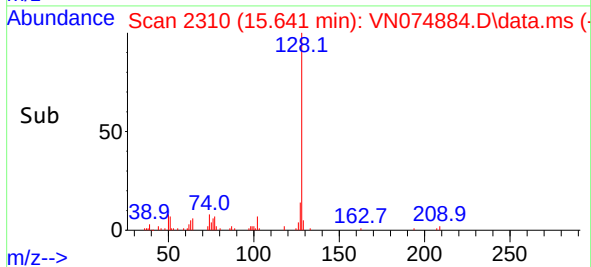
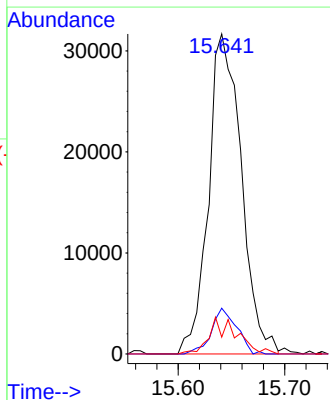
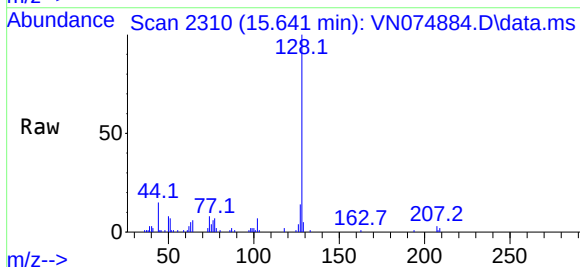
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

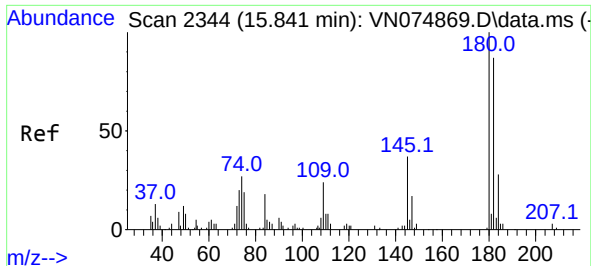
Tgt Ion:	225	Resp:	8993
Ion	Ratio	Lower	Upper
225	100		
223	29.3	0.0	125.0
227	0.0	0.0	123.0



#91
Naphthalene
Concen: 3.425 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:	128	Resp:	67657
Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.7	16.1
129	3.6	8.9	13.3





#92

1,2,3-Trichlorobenzene

Concen: 2.305 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN074884.D

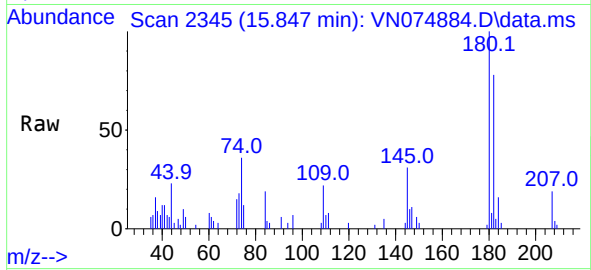
Acq: 12 Oct 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



Tgt Ion:180 Resp: 12003

Ion Ratio Lower Upper

180 100

182 153.2 0.0 185.4

145 10.3 0.0 68.6

