

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078725.D
 Acq On : 01 Aug 2023 19:25
 Operator : JC\MD
 Sample : 03572-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Aug 02 04:27:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:20:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.830	128	96107	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	520363	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	431839	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	213846	29.684	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.933%
60) 4-Bromofluorobenzene	12.853	95	156498	24.182	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.600%
63) Toluene-d8	10.571	98	637854	29.900	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.667%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	18075	2.982	ug/l	100
3) Chloromethane	2.371	50	26996	3.618	ug/l	97
4) Vinyl Chloride	2.524	62	29787	2.937	ug/l	93
5) Bromomethane	2.965	94	24880	3.282	ug/l	93
7) Trichlorofluoromethane	3.506	101	28850	2.773	ug/l	97
8) Diethyl Ether	3.977	74	7694	2.266	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	15239	2.729	ug/l	78
10) 1,1-Dichloroethene	4.347	96	14311	2.673	ug/l	90
11) Methyl Iodide	4.600	142	16596	2.205	ug/l #	83
12) Methyl Acetate	5.047	43	22304	2.568	ug/l	100
13) Acrolein	4.200	56	11523	12.460	ug/l	97
14) Acrylonitrile	5.736	53	16449	6.468	ug/l #	38
15) Acetone	4.459	58	8841	11.999	ug/l	82
16) Carbon Disulfide	4.724	76	38915	2.573	ug/l	99
17) Allyl chloride	5.036	41	3300	0.451	ug/l	86
18) Methylene Chloride	5.289	84	19449	3.028	ug/l #	95
19) trans-1,2-Dichloroethene	5.806	96	13685	2.211	ug/l	93
20) Diisopropyl ether	6.677	45	18660	1.134	ug/l #	59
21) 1,1-Dichloroethane	6.577	63	28430	2.608	ug/l	95
22) cis-1,2-Dichloroethene	7.500	96	18340	2.638	ug/l	92
23) tert-Butyl Alcohol	5.536	59	3865	3.719	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	43259	2.403	ug/l #	91
25) Chloroform	7.971	83	29972	2.597	ug/l #	73
26) Cyclohexane	8.271	56	18645	2.322	ug/l #	95
29) 1,1-Dichloropropene	8.377	75	19416	2.536	ug/l	96
30) 2-Butanone	7.500	43	39024	12.893	ug/l #	97
31) 2,2-Dichloropropane	7.494	77	19836	2.258	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	23836	2.461	ug/l #	81
33) Carbon Tetrachloride	8.371	117	25340	2.945	ug/l #	73
34) Benzene	8.612	78	61087	2.656	ug/l #	68
35) Methacrylonitrile	7.788	41	8749	2.632	ug/l	83
36) 1,2-Dichloroethane	8.682	62	21180	2.622	ug/l	98
37) Trichloroethene	9.359	130	16625	2.576	ug/l	99
38) Methylcyclohexane	9.612	83	17500	2.224	ug/l	89
39) 1,2-Dichloropropane	9.629	63	16134	2.617	ug/l	90
40) Dibromomethane	9.718	93	12705	2.977	ug/l	94
41) Bromodichloromethane	9.894	83	22511	2.639	ug/l	92
42) Vinyl Acetate	6.624	43	109044	11.206	ug/l	96
43) Ethyl Acetate	7.571	43	17855	2.853	ug/l #	73

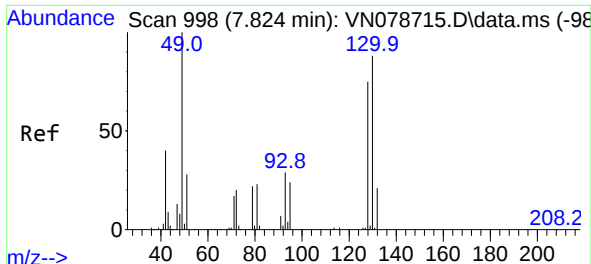
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.700	43	31169	2.839	ug/l #	66
45) 1,4-Dioxane	9.706	88	5285	52.332	ug/l #	82
46) Methyl methacrylate	9.682	41	13013	2.588	ug/l	86
47) n-amyl Acetate	12.500	43	16490	1.950	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	21174	2.325	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	23611	2.441	ug/l	93
50) 1,1,2-Trichloroethane	11.023	97	16261	2.692	ug/l #	90
51) Ethyl methacrylate	10.882	69	19429	2.349	ug/l	94
52) 1,3-Dichloropropane	11.171	76	25000	2.303	ug/l	95
53) Dibromochloromethane	11.365	129	16204	2.374	ug/l	95
54) 1,2-Dibromoethane	11.471	107	16421	2.707	ug/l	94
55) 2-Chloroethyl vinyl ether	10.171	63	27581	10.466	ug/l #	88
56) Bromoform	12.582	173	11027	2.470	ug/l	92
58) 4-Methyl-2-Pentanone	10.453	43	74691	11.555	ug/l	99
59) 2-Hexanone	11.206	43	52087	10.643	ug/l	94
61) Tetrachloroethene	11.106	164	14027	2.470	ug/l #	86
62) Toluene	10.635	91	65436	2.519	ug/l	100
64) Chlorobenzene	11.900	112	37916	2.500	ug/l #	86
65) 1,1,1,2-Tetrachloroethane	11.959	131	9090	1.520	ug/l	31
66) Ethyl Benzene	11.970	91	61071	2.333	ug/l	94
67) m/p-Xylenes	12.082	106	43064	4.306	ug/l	100
68) o-Xylene	12.400	106	20844	2.048	ug/l	97
69) Styrene	12.418	104	29317	1.791	ug/l	95
70) Isopropylbenzene	12.700	105	52690	2.093	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.947	83	21275	2.602	ug/l	94
72) 1,2,3-Trichloropropane	12.994	75	23056	3.361	ug/l	45
73) Bromobenzene	12.988	156	13992	2.268	ug/l	88
74) n-propylbenzene	13.041	91	52684	1.888	ug/l	94
75) 2-Chlorotoluene	13.129	91	35292	1.832	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	40375	1.797	ug/l	99
77) t-1,4-Dichloro-2-butene	12.747	75	3785	1.579	ug/l	82
78) 4-Chlorotoluene	13.229	91	29156	1.567	ug/l	100
79) tert-butylbenzene	13.441	119	35108	1.815	ug/l	92
80) 1,2,4-Trimethylbenzene	13.482	105	32302	1.505	ug/l	99
81) sec-Butylbenzene	13.617	105	41346	1.668	ug/l	84
82) p-Isopropyltoluene	13.735	119	31442	1.545	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	17582	1.607	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	15943	1.556	ug/l	95
85) n-Butylbenzene	14.059	91	17188	1.218	ug/l	97
86) Hexachloroethane	14.341	117	8813	2.376	ug/l	90
87) 1,2-Dichlorobenzene	14.117	146	16226	1.585	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	3091	2.226	ug/l #	83
89) 1,2,4-Trichlorobenzene	15.388	180	3585	1.227	ug/l #	87
90) Hexachlorobutadiene	15.506	225	4806	2.159	ug/l	96
91) Naphthalene	15.647	128	12886	1.456	ug/l	96
92) 1,2,3-Trichlorobenzene	15.853	180	4947	1.488	ug/l	71

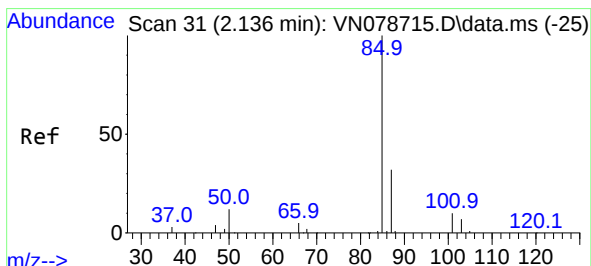
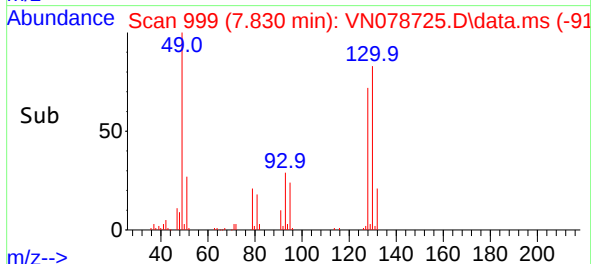
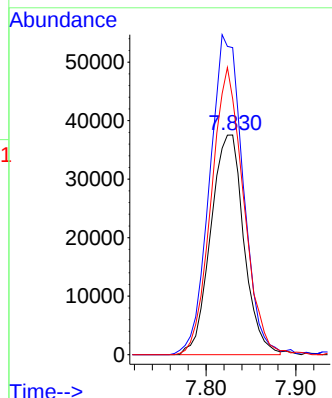
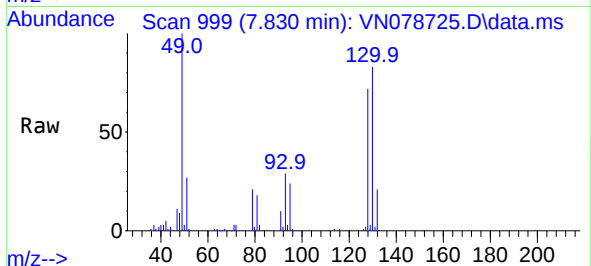
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

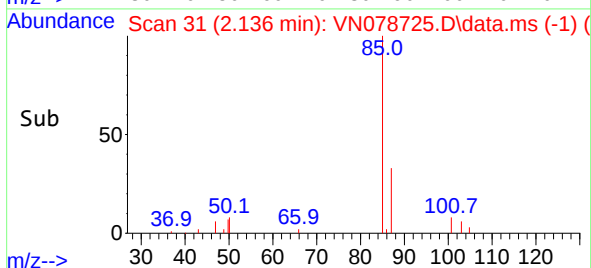
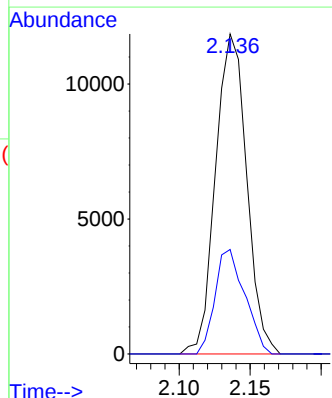
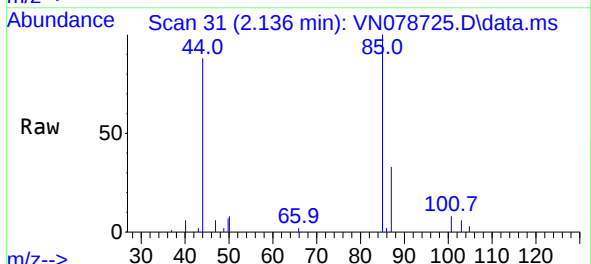
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

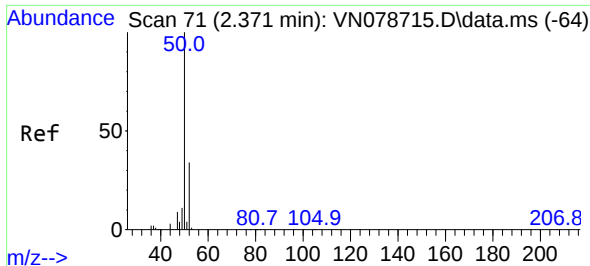
Tgt Ion:128 Resp: 96107
Ion Ratio Lower Upper
128 100
49 146.8 0.0 370.8
130 127.7 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 2.982 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 85 Resp: 18075
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.4

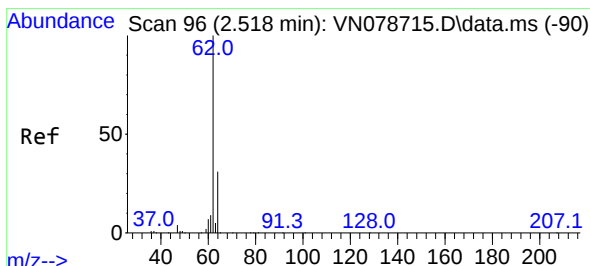
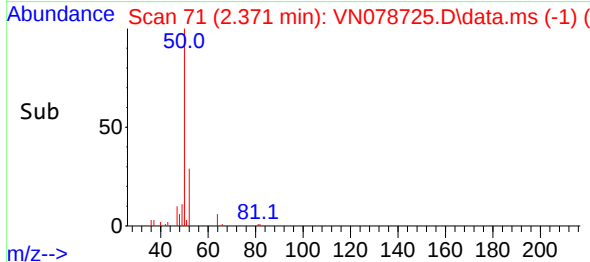
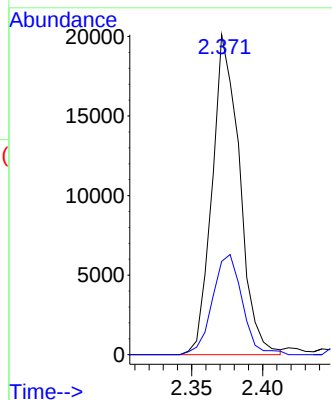
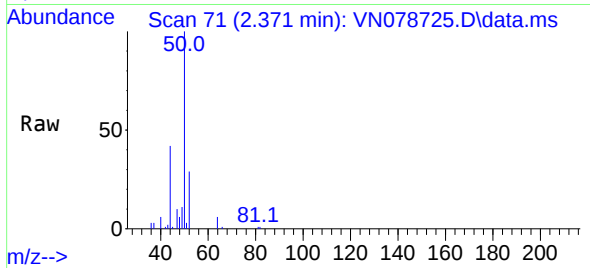




#3
Chloromethane
Concen: 3.618 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

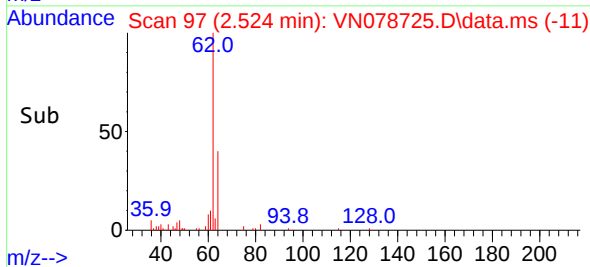
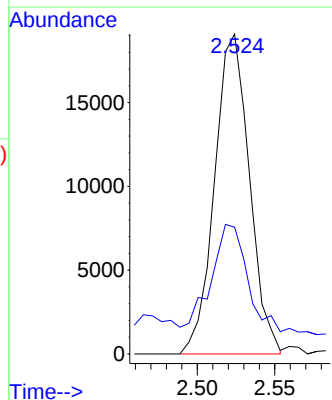
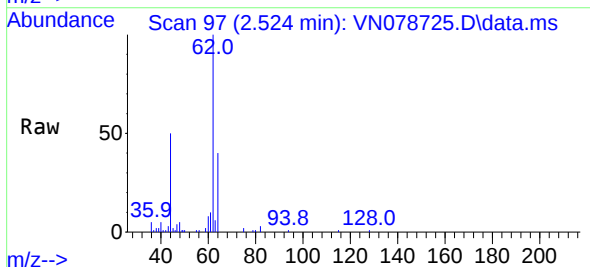
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

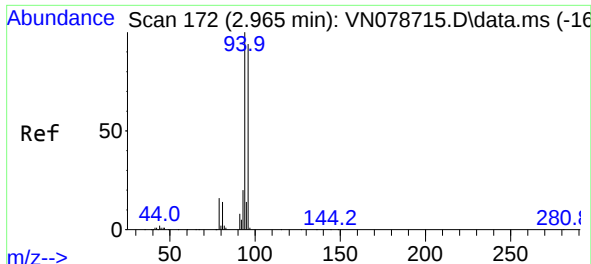
Tgt Ion: 50 Resp: 26996
Ion Ratio Lower Upper
50 100
52 29.1 24.6 36.8



#4
Vinyl Chloride
Concen: 2.937 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 62 Resp: 29787
Ion Ratio Lower Upper
62 100
64 32.7 23.3 34.9

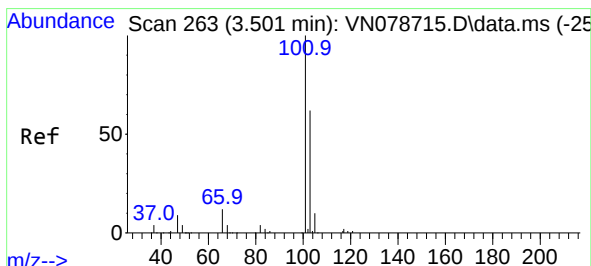
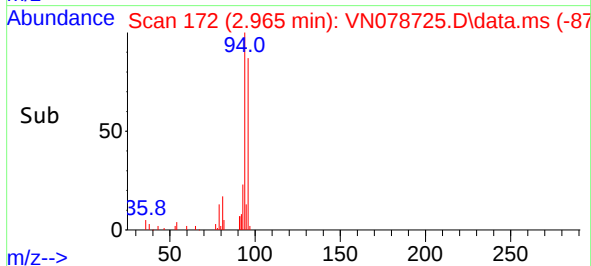
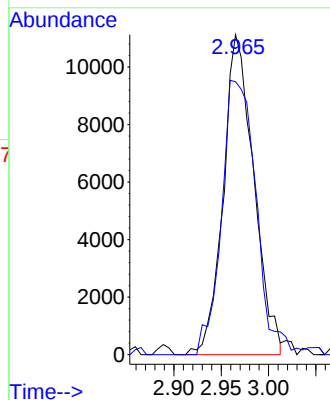
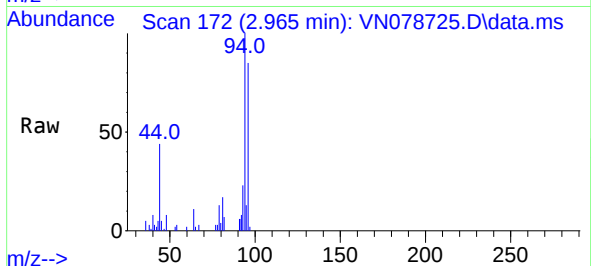




#5
Bromomethane
Concen: 3.282 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

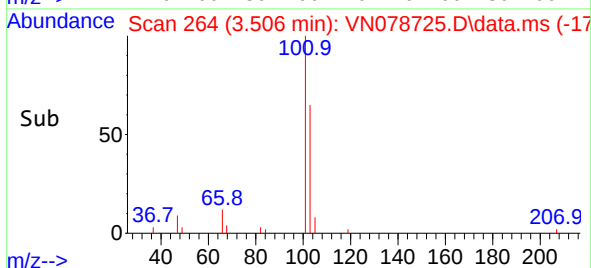
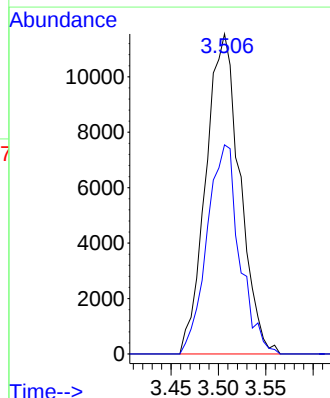
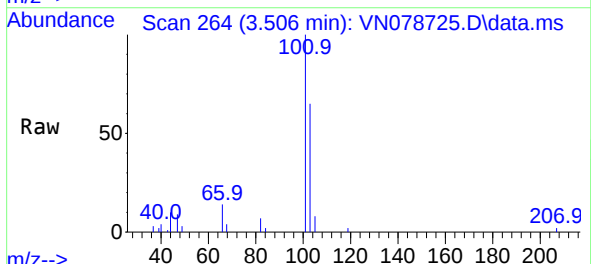
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

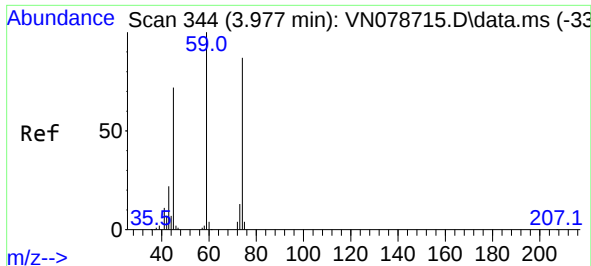
Tgt Ion: 94 Resp: 24880
Ion Ratio Lower Upper
94 100
96 85.3 73.9 110.9



#7
Trichlorofluoromethane
Concen: 2.773 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.005 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

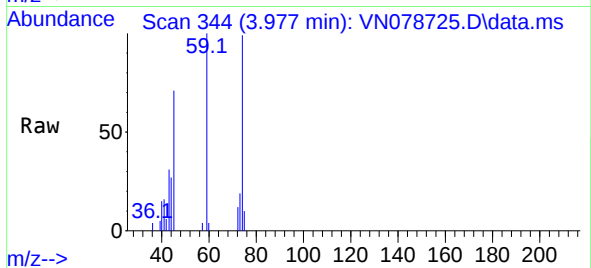
Tgt Ion:101 Resp: 28850
Ion Ratio Lower Upper
101 100
103 65.4 50.4 75.6



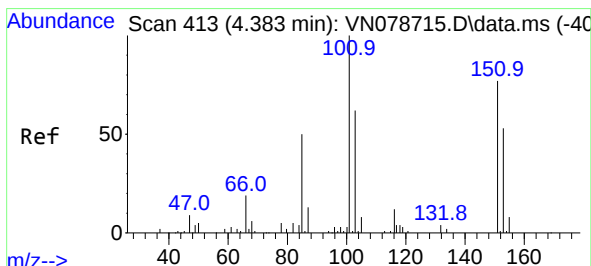
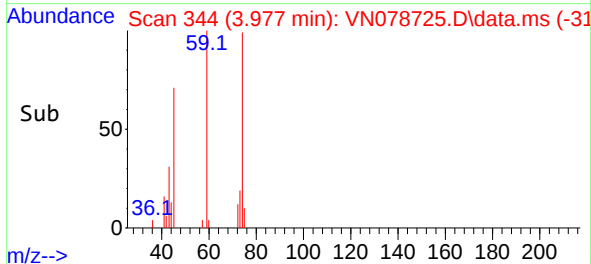
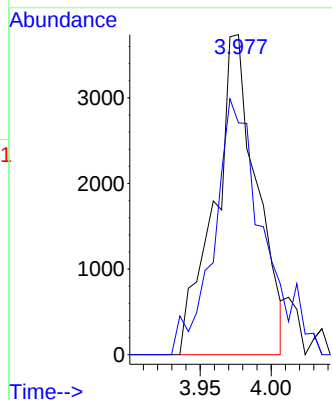


#8
Diethyl Ether
Concen: 2.266 ug/l
RT: 3.977 min Scan# 344
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

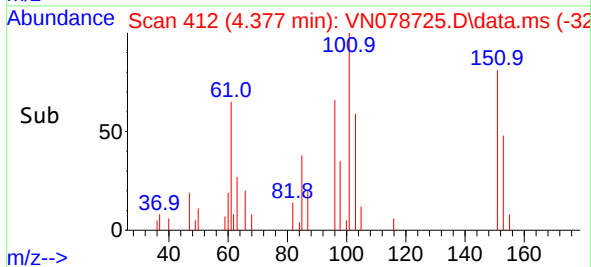
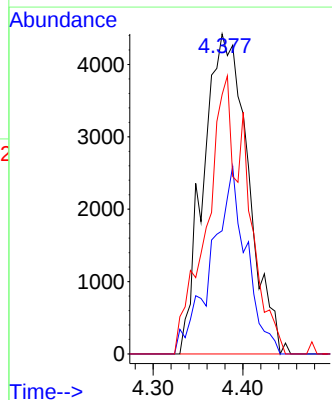
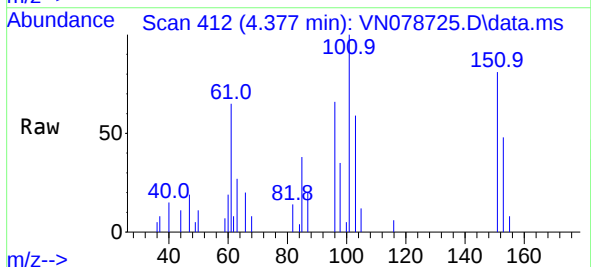


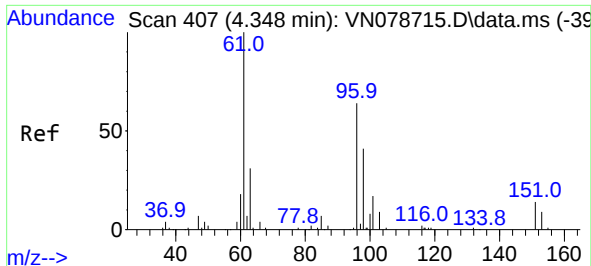
Tgt Ion: 74 Resp: 7694
Ion Ratio Lower Upper
74 100
45 84.4 16.3 146.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.729 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 101 Resp: 15239
Ion Ratio Lower Upper
101 100
85 30.6 0.0 89.2
151 55.4 0.0 148.8





#10

1,1-Dichloroethene

Concen: 2.673 ug/l

RT: 4.347 min Scan# 407

Delta R.T. -0.001 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

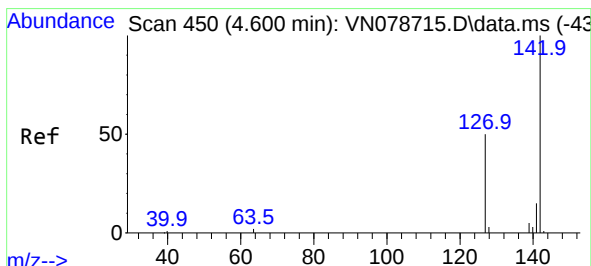
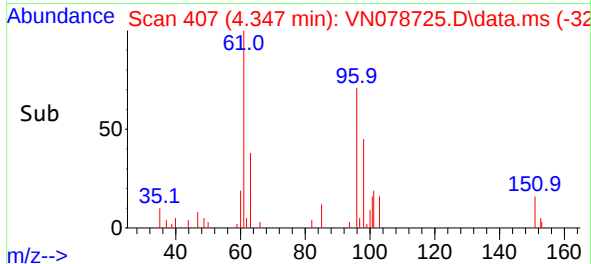
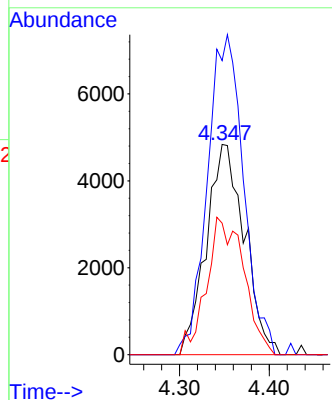
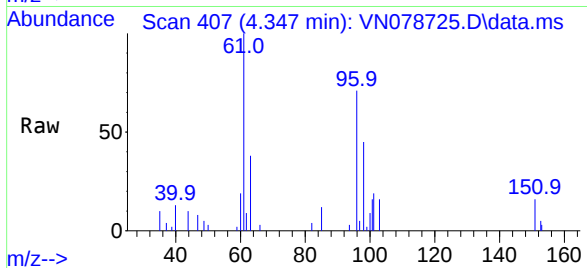
Tgt Ion: 96 Resp: 14311

Ion Ratio Lower Upper

96 100

61 139.9 123.4 185.2

98 62.6 53.7 80.5



#11

Methyl Iodide

Concen: 2.205 ug/l

RT: 4.600 min Scan# 450

Delta R.T. 0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

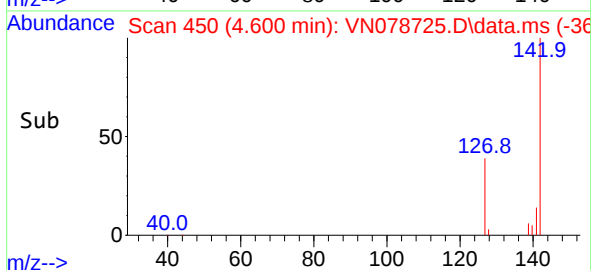
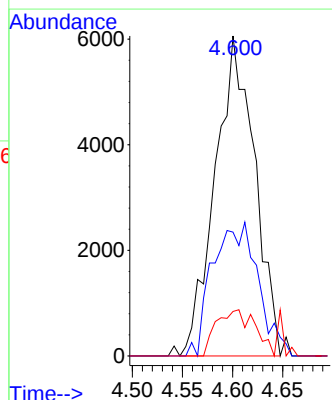
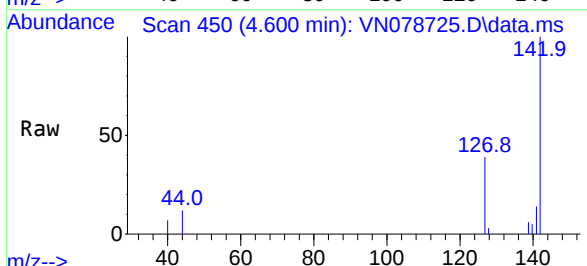
Tgt Ion: 142 Resp: 16596

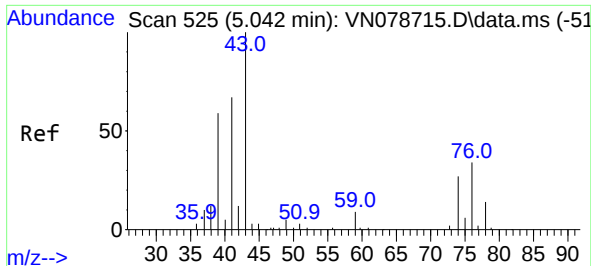
Ion Ratio Lower Upper

142 100

127 35.8 23.2 69.5

141 6.7 7.2 21.7#

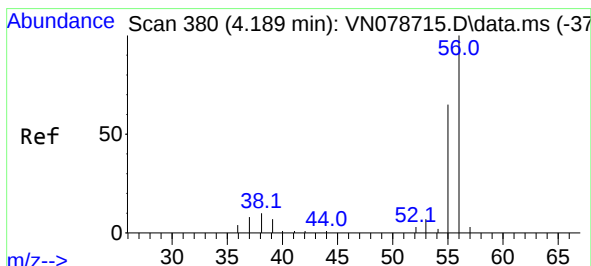
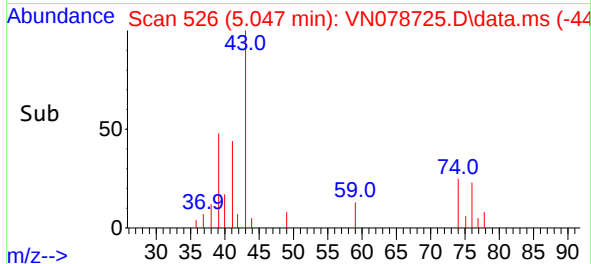
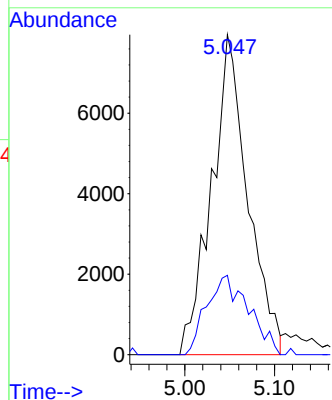
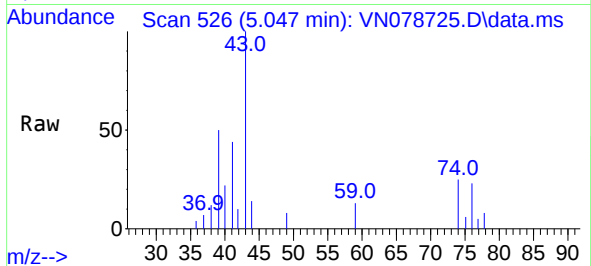




#12
Methyl Acetate
Concen: 2.568 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

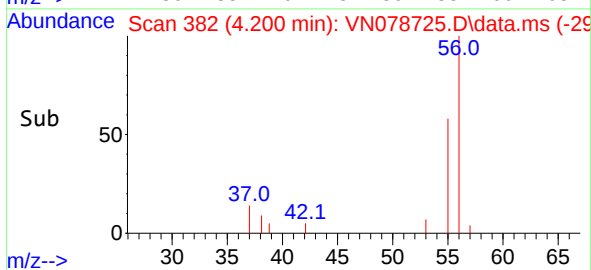
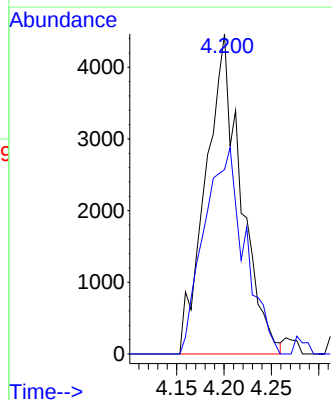
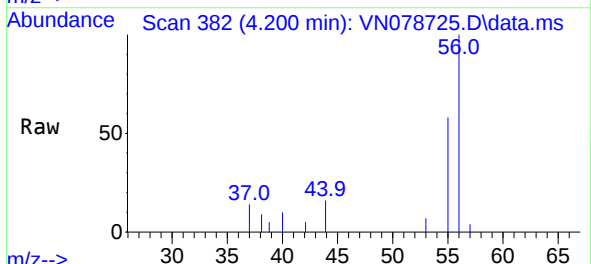
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

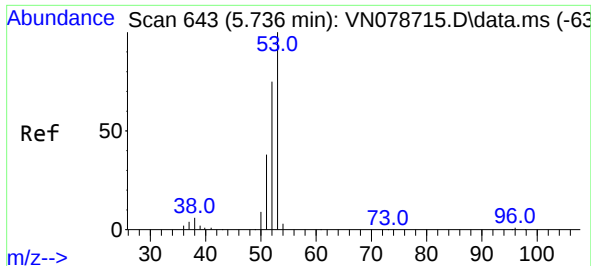
Tgt Ion: 43 Resp: 22304
Ion Ratio Lower Upper
43 100
74 25.5 20.5 30.7



#13
Acrolein
Concen: 12.460 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 56 Resp: 11523
Ion Ratio Lower Upper
56 100
55 70.8 59.0 88.4

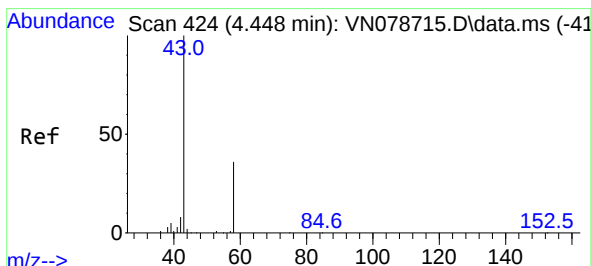
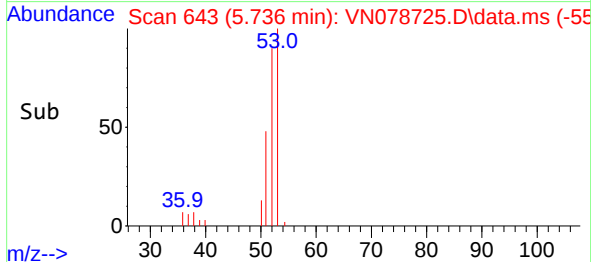
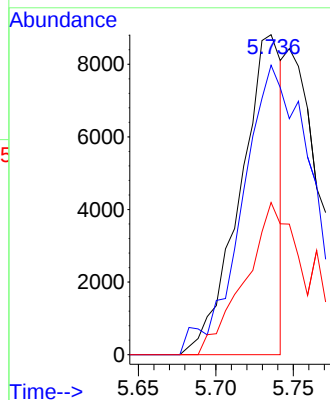
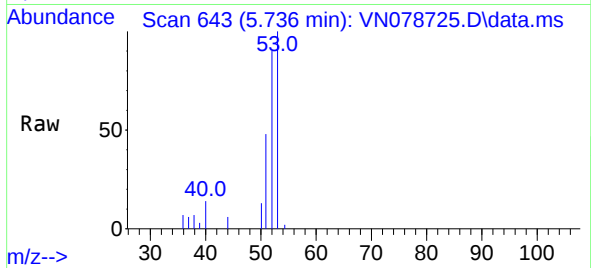




#14
Acrylonitrile
Concen: 6.468 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

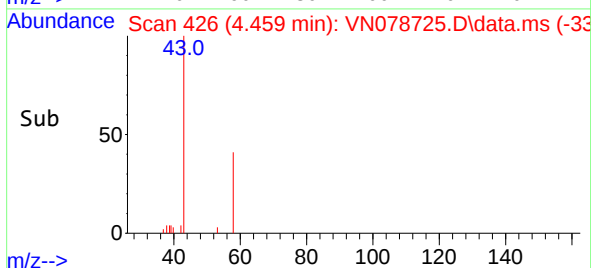
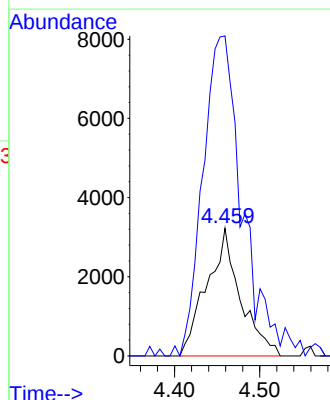
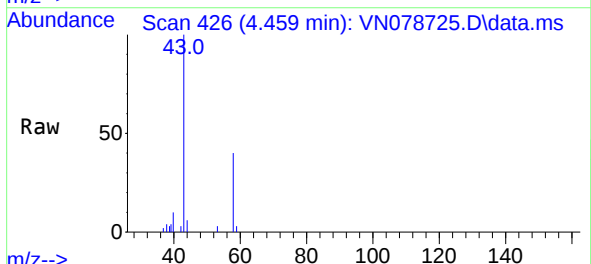
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

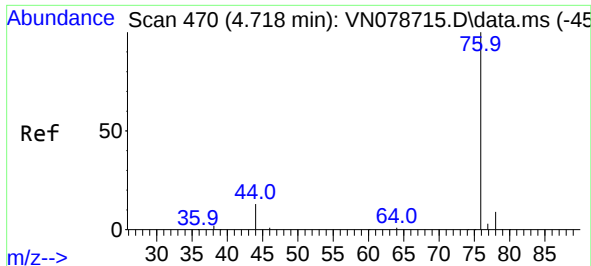
Tgt Ion: 53 Resp: 16449
Ion Ratio Lower Upper
53 100
52 150.3 42.3 126.9#
51 58.8 18.4 55.4#



#15
Acetone
Concen: 11.999 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.011 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 58 Resp: 8841
Ion Ratio Lower Upper
58 100
43 250.5 227.5 341.3

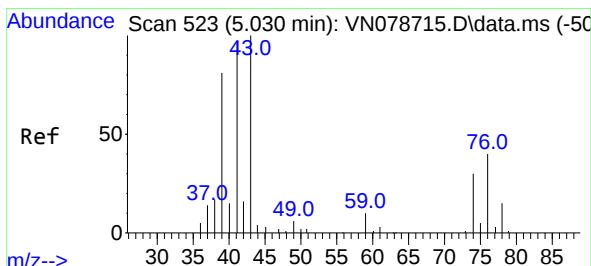
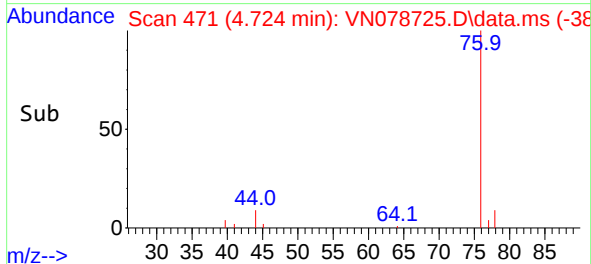
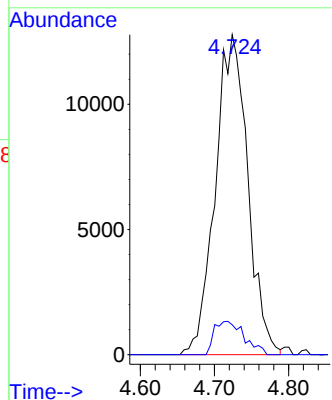
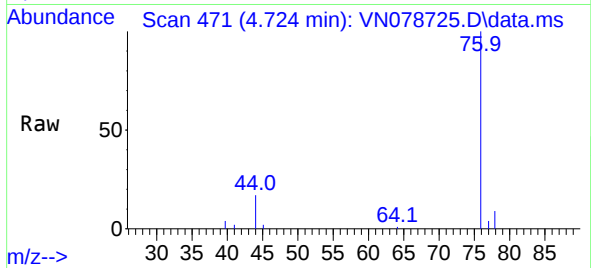




#16
Carbon Disulfide
Concen: 2.573 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

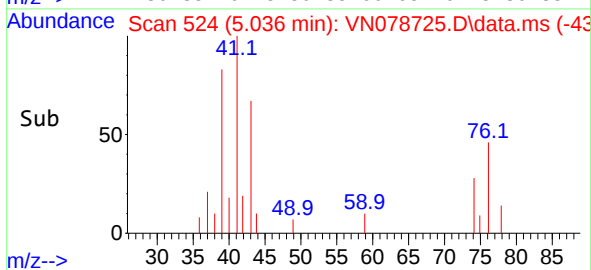
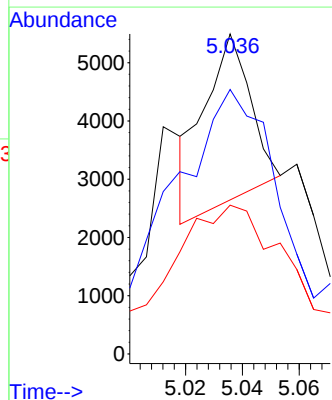
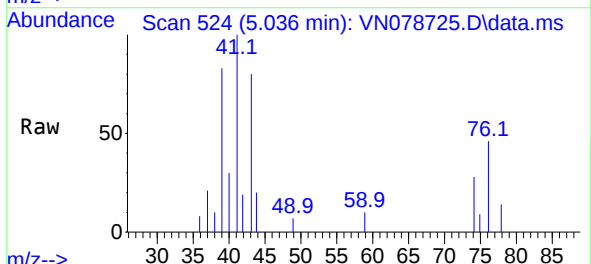
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

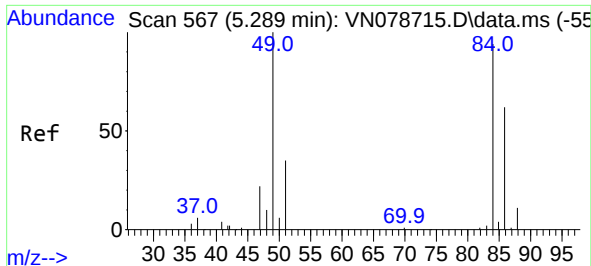
Tgt Ion: 76 Resp: 38915
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5



#17
Allyl chloride
Concen: 0.451 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 41 Resp: 3300
Ion Ratio Lower Upper
41 100
39 83.1 37.6 112.8
76 32.9 23.8 71.4



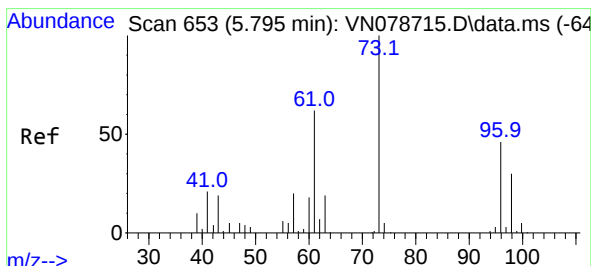
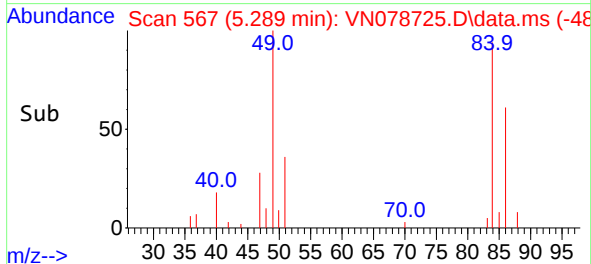
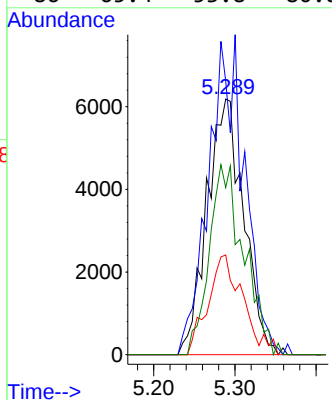
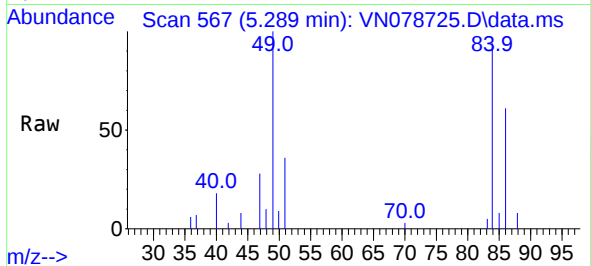


#18
Methylene Chloride
Concen: 3.028 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 84 Resp: 19449

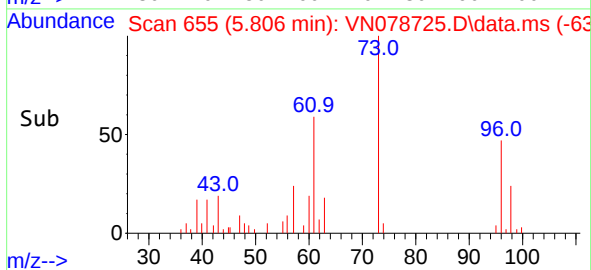
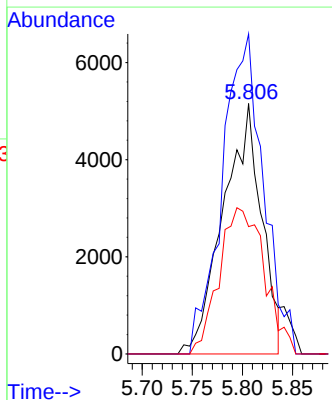
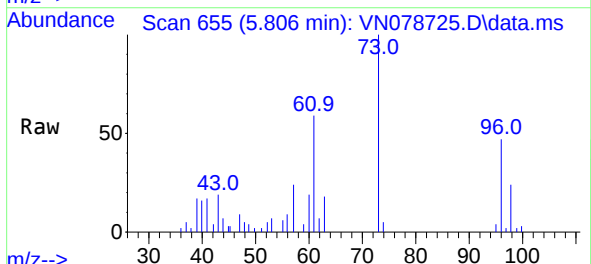
Ion	Ratio	Lower	Upper
84	100		
49	106.9	88.1	132.1
51	39.0	24.0	36.0
86	65.4	53.8	80.8

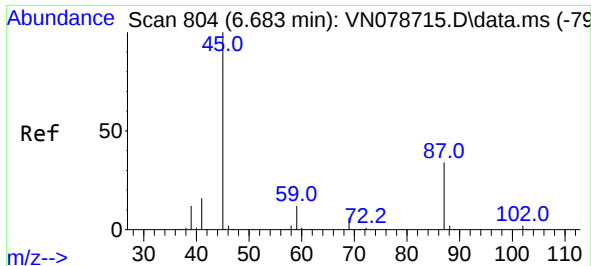


#19
trans-1,2-Dichloroethene
Concen: 2.211 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.011 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 96 Resp: 13685

Ion	Ratio	Lower	Upper
96	100		
61	127.8	105.2	157.8
98	50.8	50.5	75.7

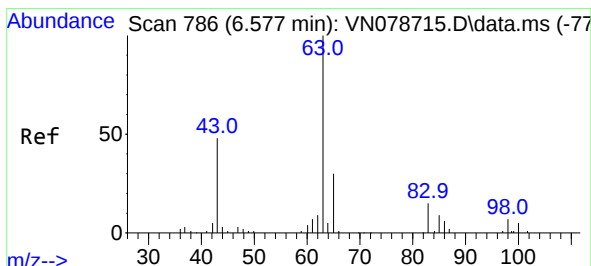
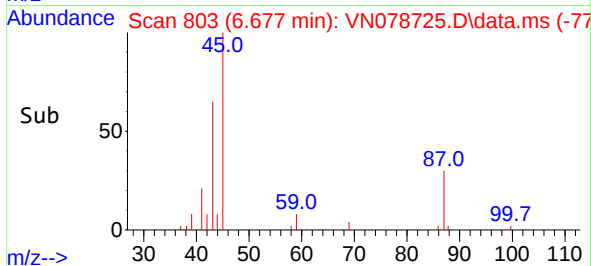
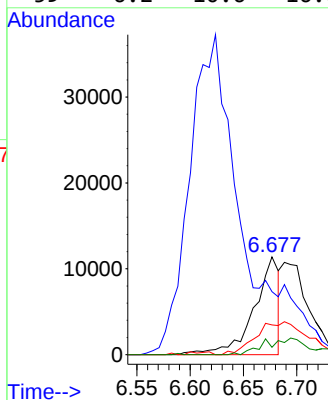
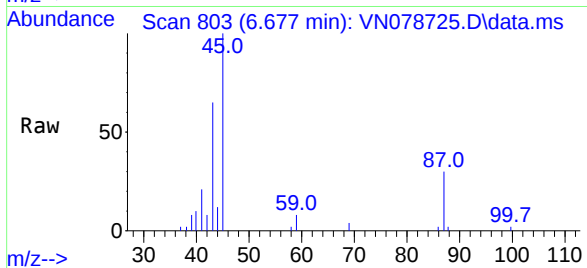




#20
Diisopropyl ether
Concen: 1.134 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

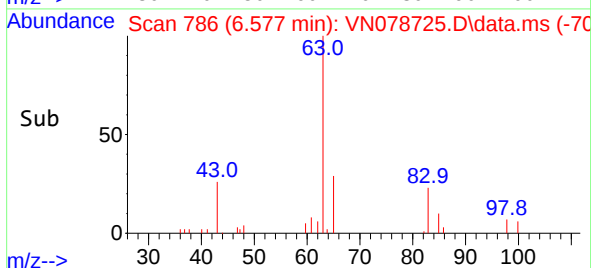
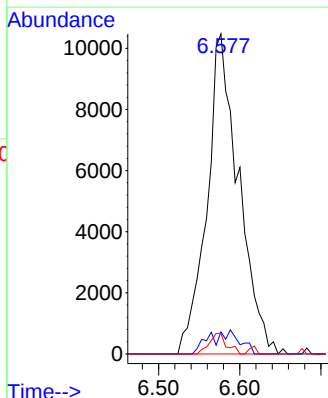
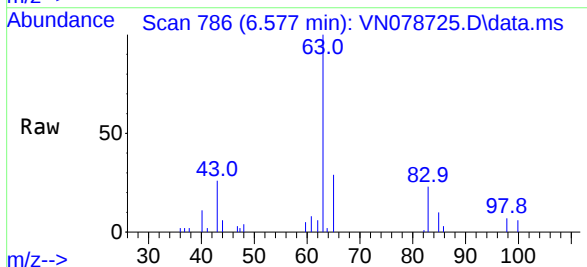
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

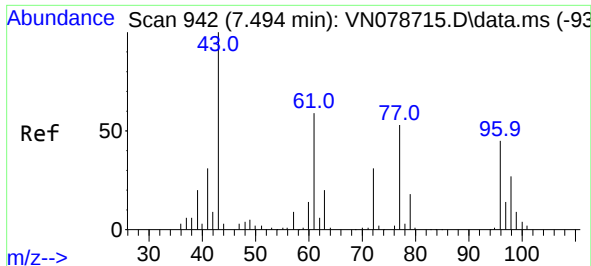
Tgt Ion:	45	Resp:	18660
Ion	Ratio	Lower	Upper
45	100		
43	5.4	43.6	65.4#
87	30.4	25.8	38.6
59	6.2	10.6	16.0#



#21
1,1-Dichloroethane
Concen: 2.608 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:	63	Resp:	28430
Ion	Ratio	Lower	Upper
63	100		
98	6.8	2.7	8.1
100	6.5	2.5	7.4

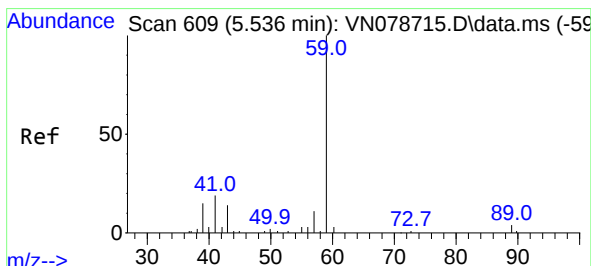
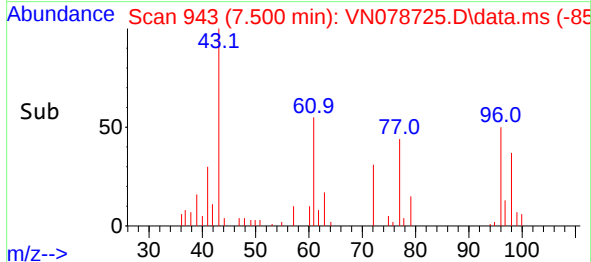
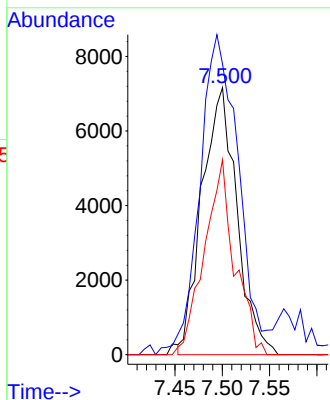
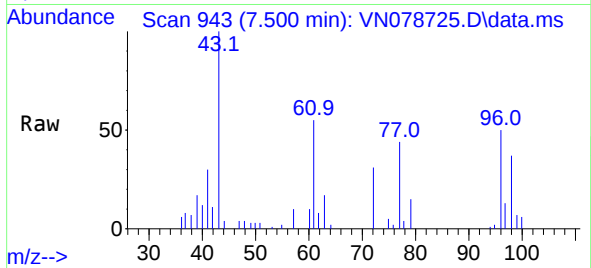




#22
cis-1,2-Dichloroethene
Concen: 2.638 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

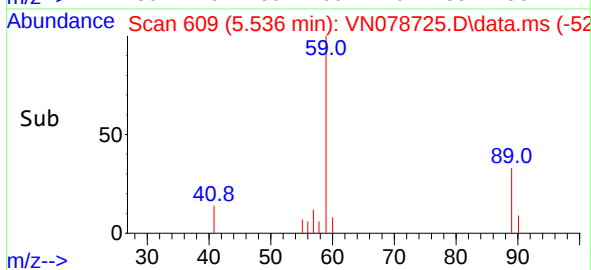
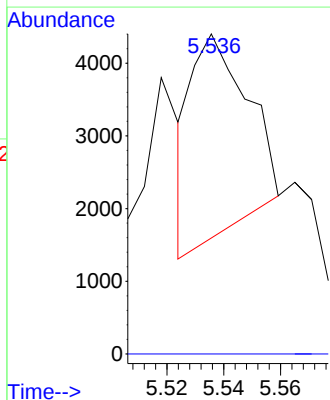
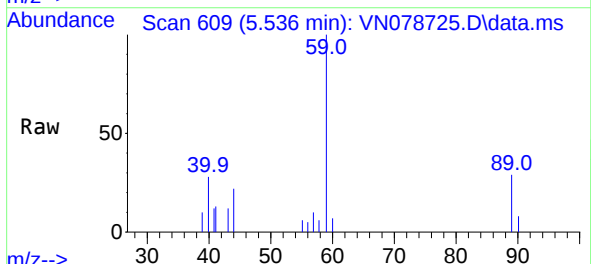
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

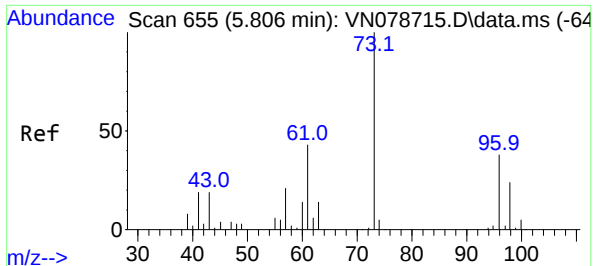
Tgt Ion: 96 Resp: 18340
Ion Ratio Lower Upper
96 100
61 129.7 113.8 170.6
98 63.6 52.2 78.4



#23
tert-Butyl Alcohol
Concen: 3.719 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 59 Resp: 3865
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

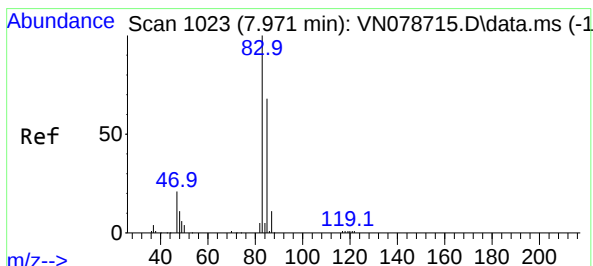
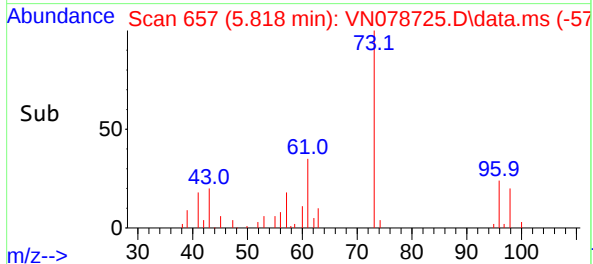
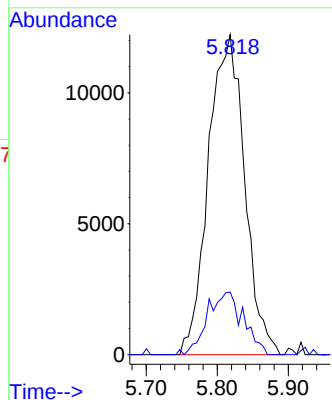
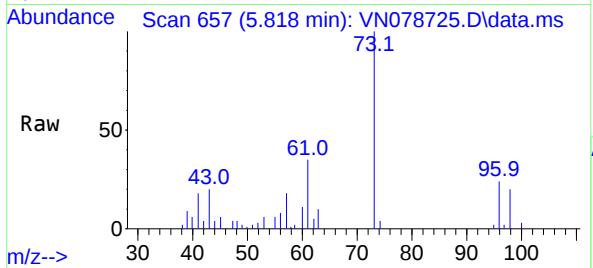




#24
Methyl tert-Butyl Ether
Concen: 2.403 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

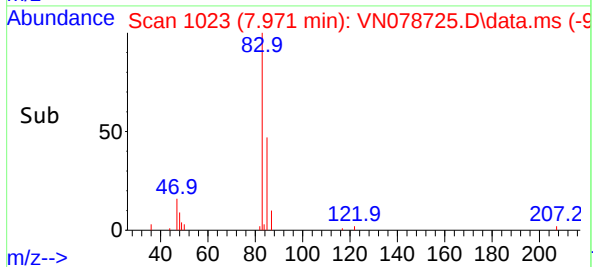
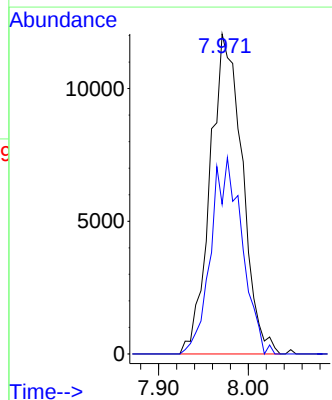
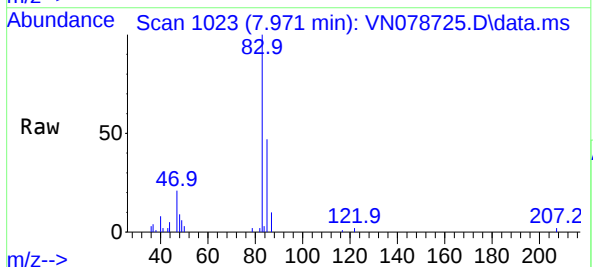
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

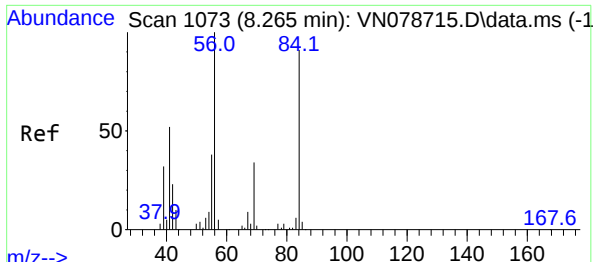
Tgt Ion: 73 Resp: 43259
Ion Ratio Lower Upper
73 100
43 14.0 14.5 21.7#



#25
Chloroform
Concen: 2.597 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 83 Resp: 29972
Ion Ratio Lower Upper
83 100
85 45.3 53.4 80.0#

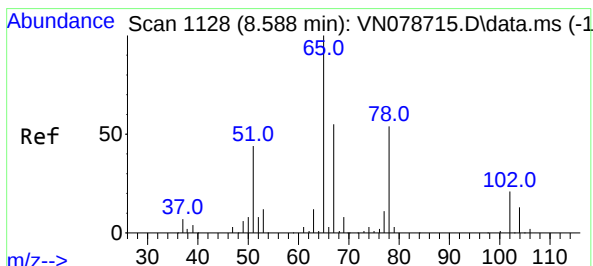
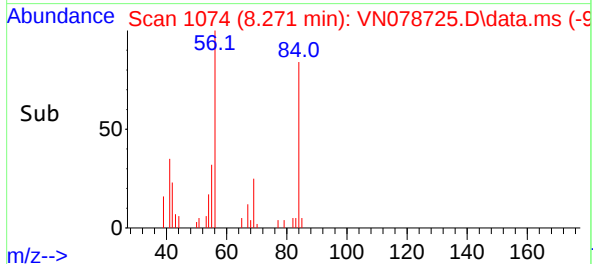
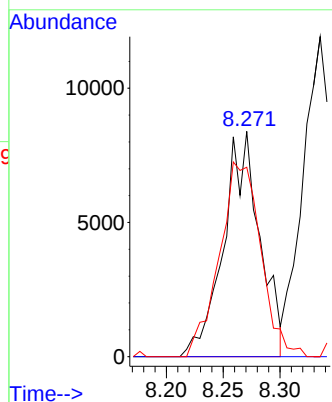
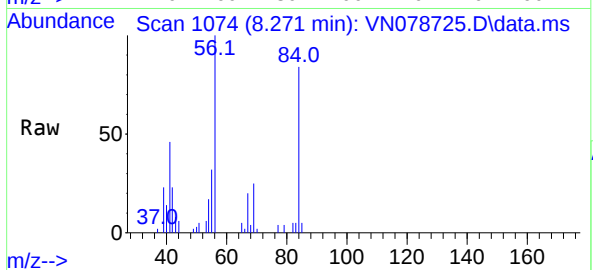




#26
Cyclohexane
Concen: 2.322 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

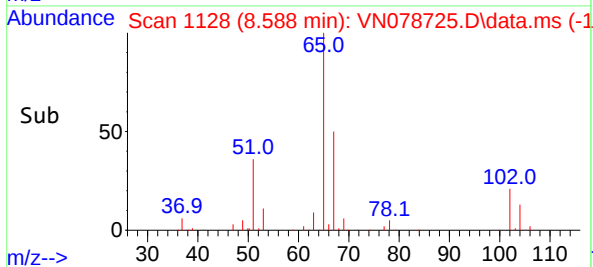
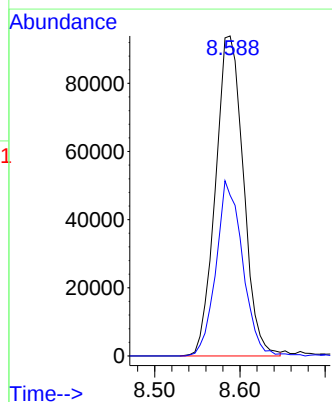
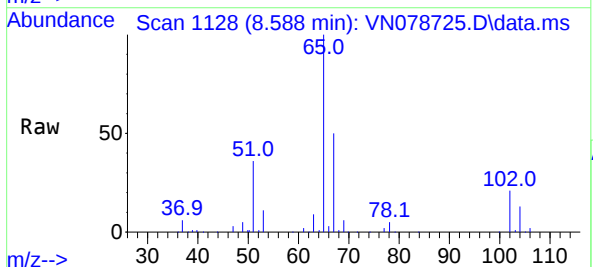
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

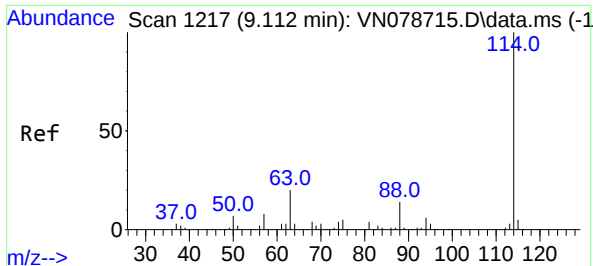
Tgt Ion: 56 Resp: 18645
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 97.8 74.2 111.4



#27
1,2-Dichloroethane-d4
Concen: 29.684 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 65 Resp: 213846
Ion Ratio Lower Upper
65 100
67 51.7 42.9 64.3



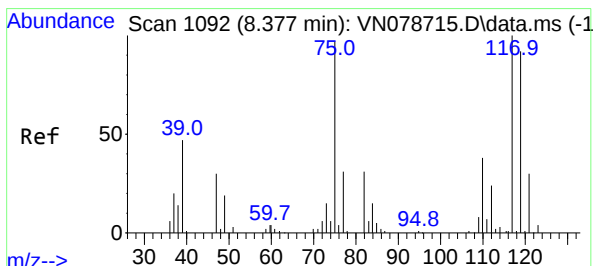
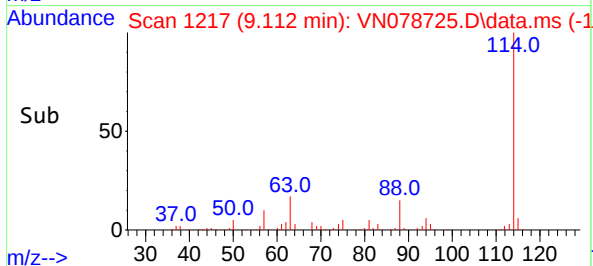
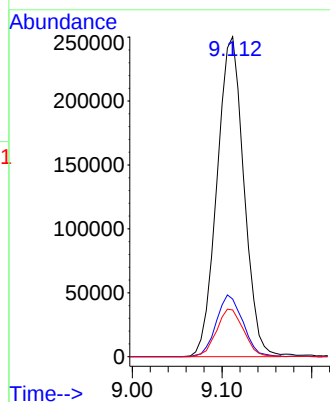
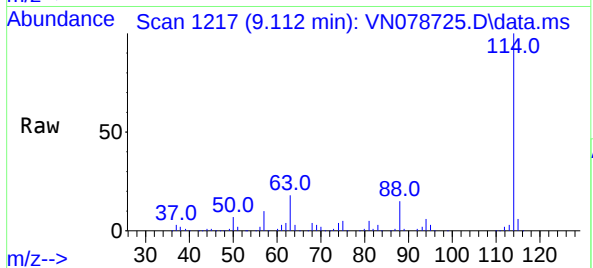


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:114 Resp: 520363

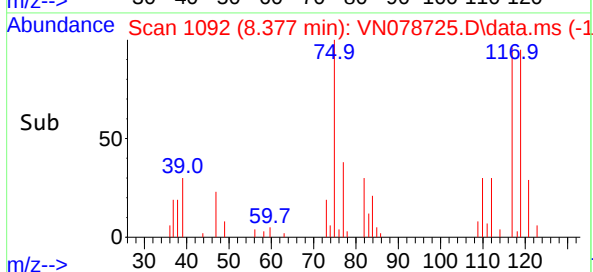
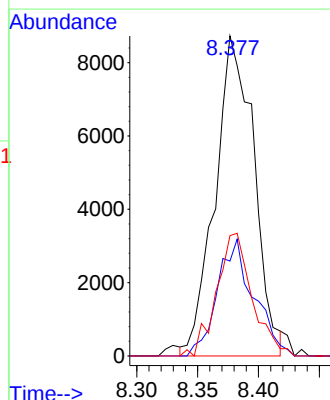
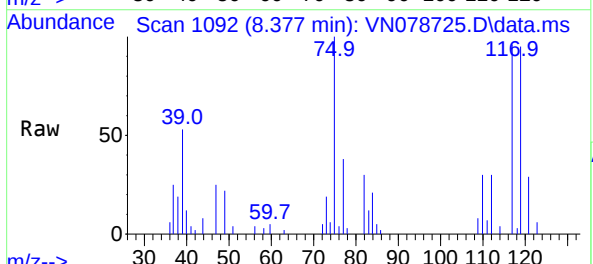
Ion	Ratio	Lower	Upper
114	100		
63	19.2	15.2	22.8
88	15.0	12.5	18.7

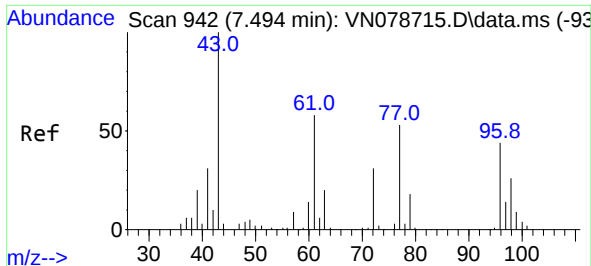


#29
1,1-Dichloropropene
Concen: 2.536 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 75 Resp: 19416

Ion	Ratio	Lower	Upper
75	100		
110	34.2	0.0	72.2
77	34.6	0.0	62.8

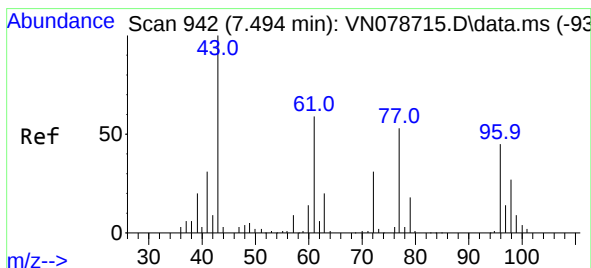
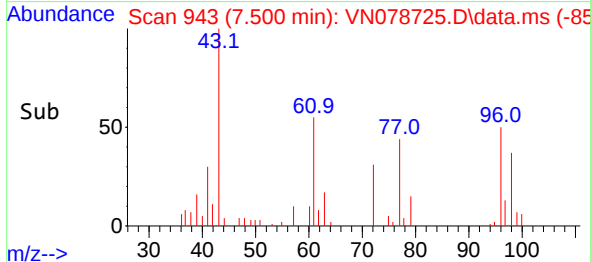
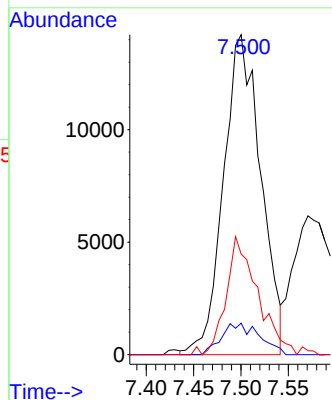
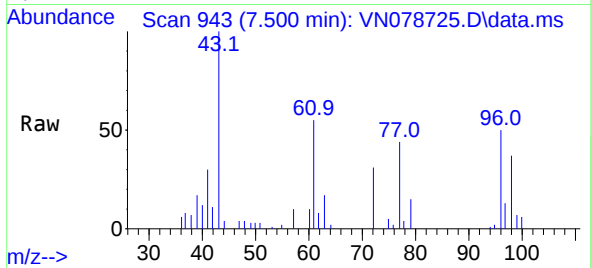




#30
2-Butanone
Concen: 12.893 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

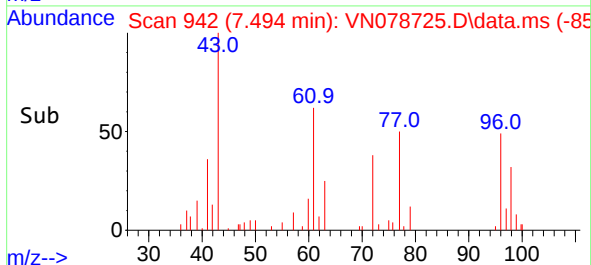
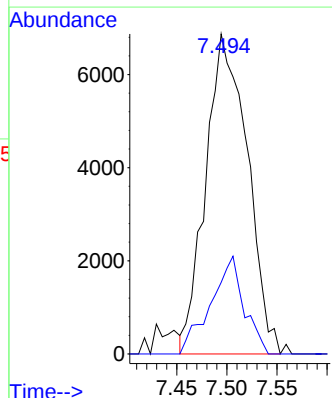
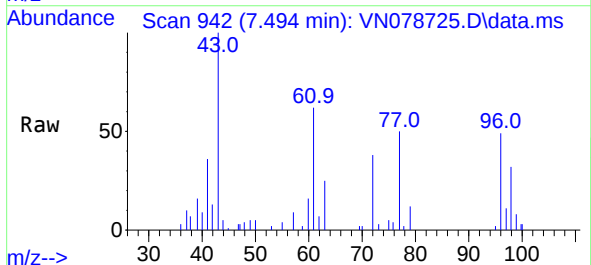
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

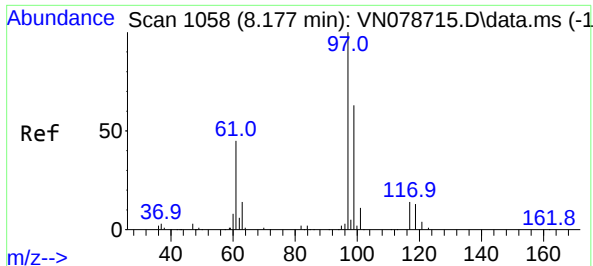
Tgt Ion: 43 Resp: 39024
Ion Ratio Lower Upper
43 100
57 6.4 6.8 10.2#
72 30.9 23.8 35.6



#31
2,2-Dichloropropane
Concen: 2.258 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 77 Resp: 19836
Ion Ratio Lower Upper
77 100
97 20.6 18.8 28.2

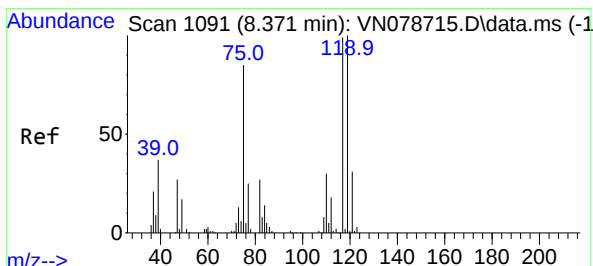
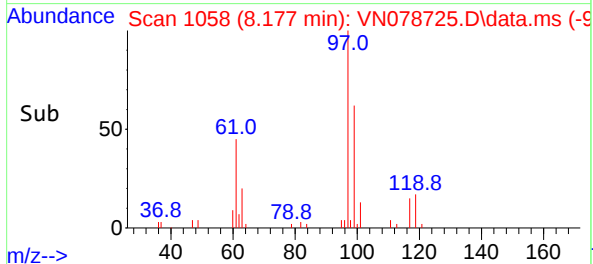
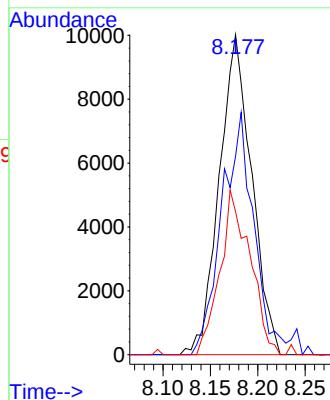
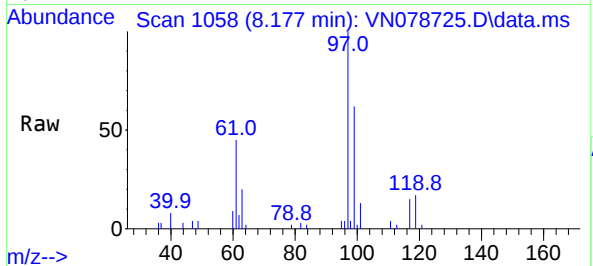




#32
1,1,1-Trichloroethane
Concen: 2.461 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

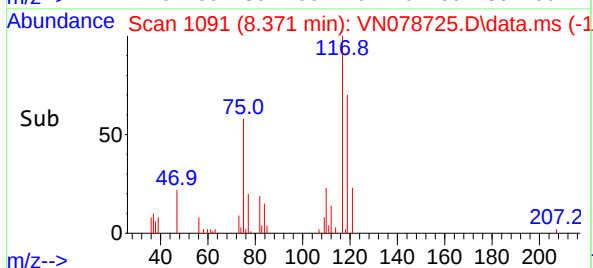
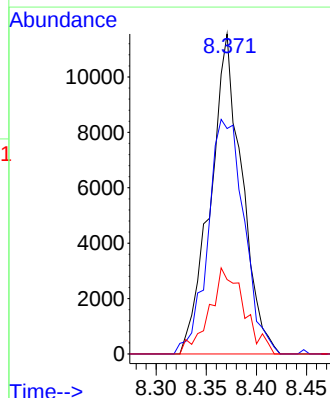
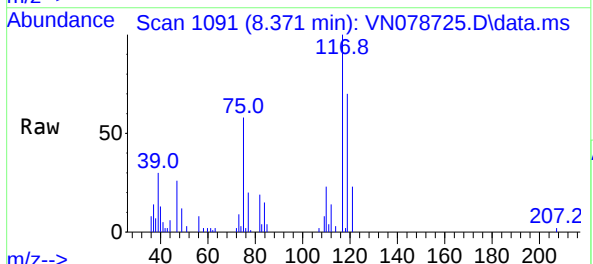
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

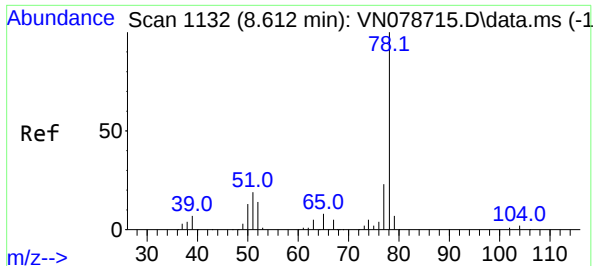
Tgt Ion: 97 Resp: 23836
Ion Ratio Lower Upper
97 100
99 43.3 51.3 76.9#
61 47.8 34.6 52.0



#33
Carbon Tetrachloride
Concen: 2.945 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 117 Resp: 25340
Ion Ratio Lower Upper
117 100
119 70.4 81.4 122.0#
121 23.3 23.6 35.4#

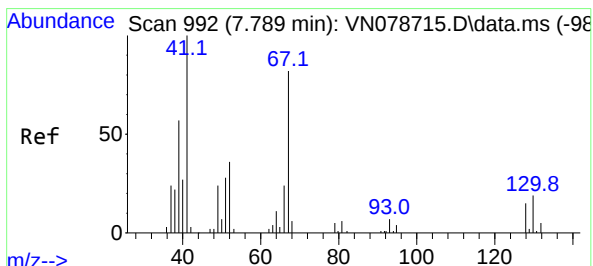
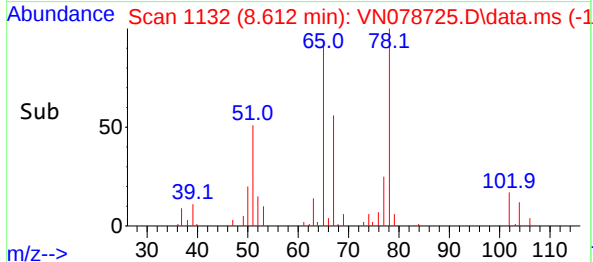
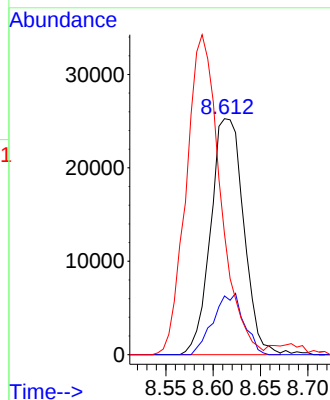
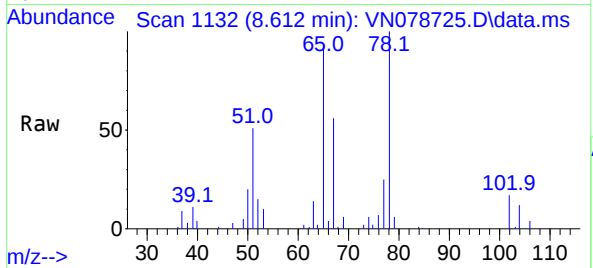




#34
Benzene
Concen: 2.656 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

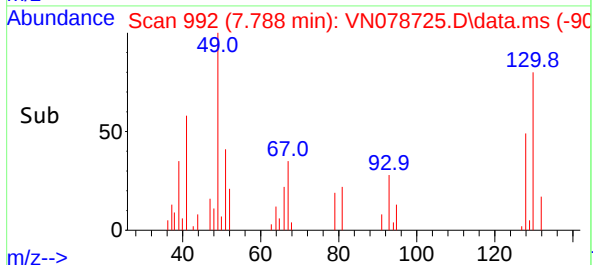
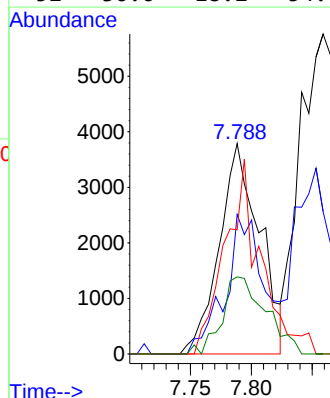
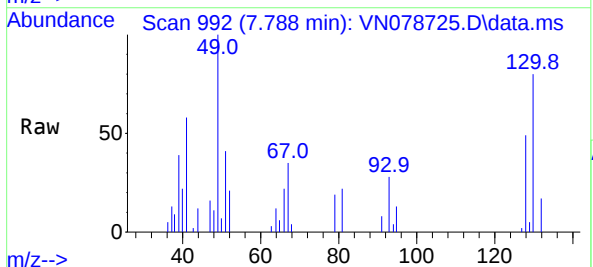
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

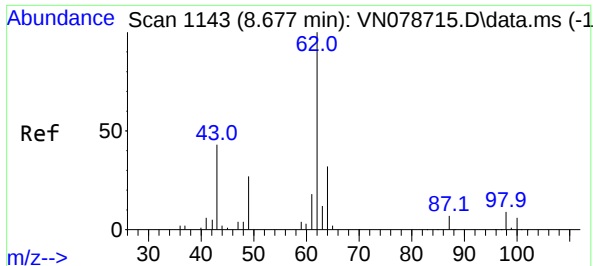
Tgt Ion:	78	Resp:	61087
Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.3	27.5
51	47.4	13.7	20.5



#35
Methacrylonitrile
Concen: 2.632 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.001 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:	41	Resp:	8749
Ion	Ratio	Lower	Upper
41	100		
39	66.3	33.9	101.6
67	59.0	45.9	137.6
52	36.6	18.2	54.6

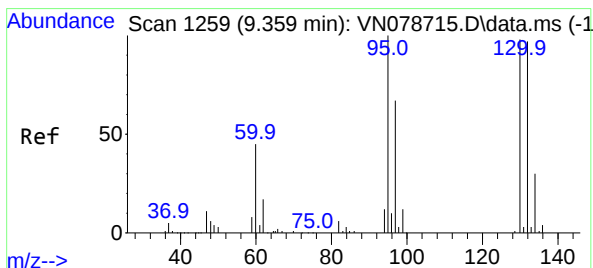
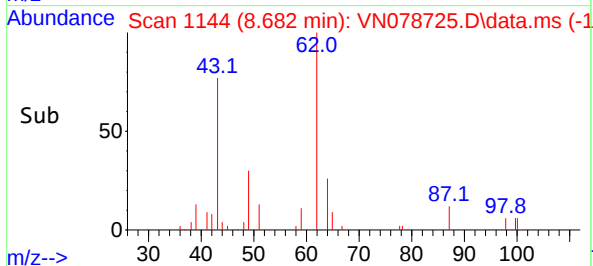
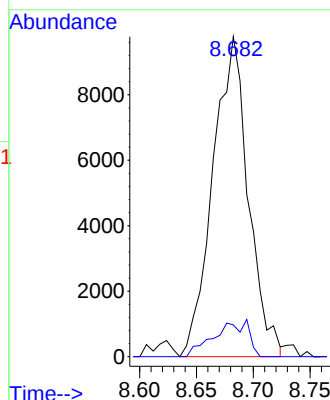
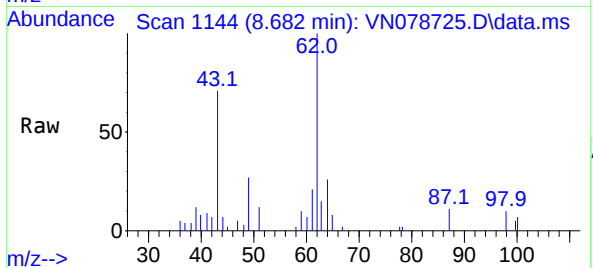




#36
1,2-Dichloroethane
Concen: 2.622 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

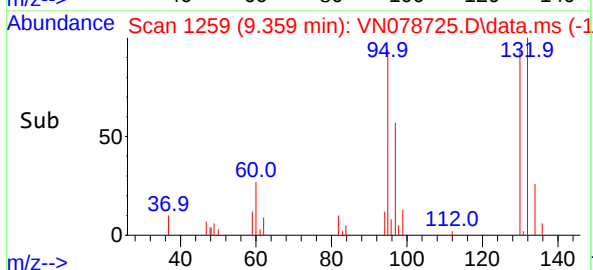
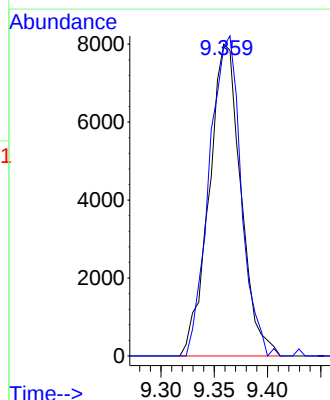
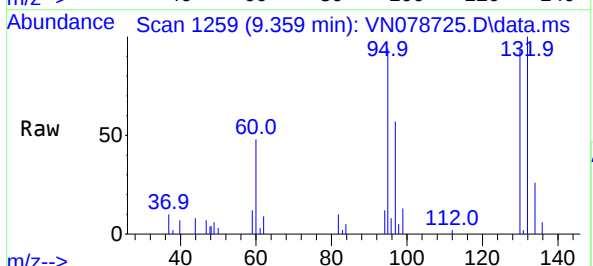
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

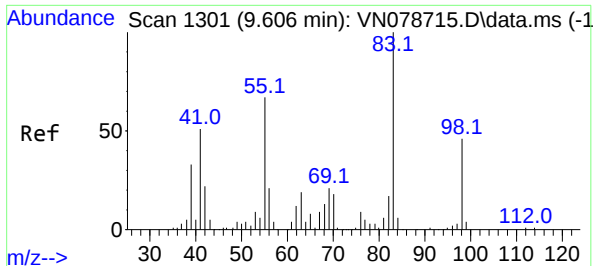
Tgt Ion: 62 Resp: 21180
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.0



#37
Trichloroethene
Concen: 2.576 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 130 Resp: 16625
Ion Ratio Lower Upper
130 100
95 99.2 78.2 117.4





#38

Methylcyclohexane

Concen: 2.224 ug/l

RT: 9.612 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

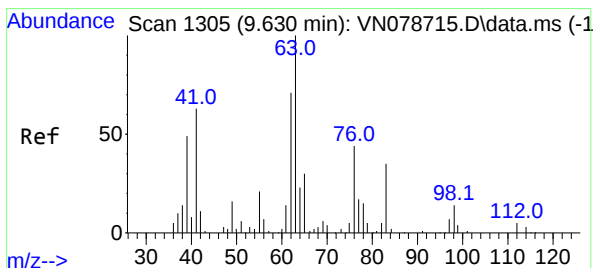
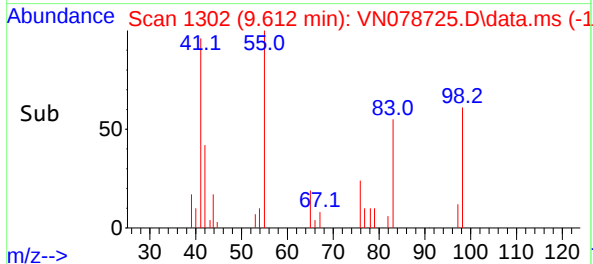
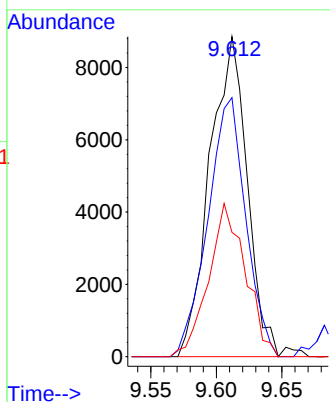
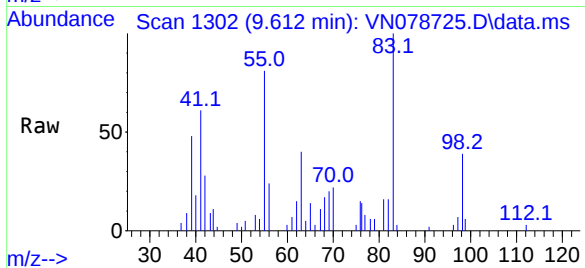
Tgt Ion: 83 Resp: 17500

Ion Ratio Lower Upper

83 100

55 82.3 34.0 102.0

98 47.3 23.0 69.0



#39

1,2-Dichloropropane

Concen: 2.617 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078725.D

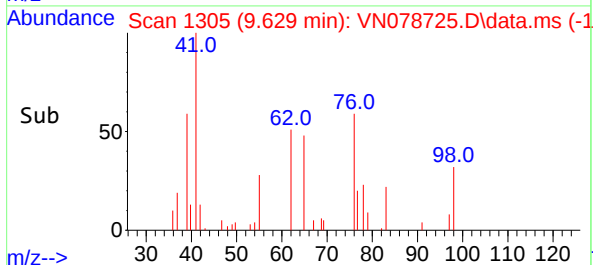
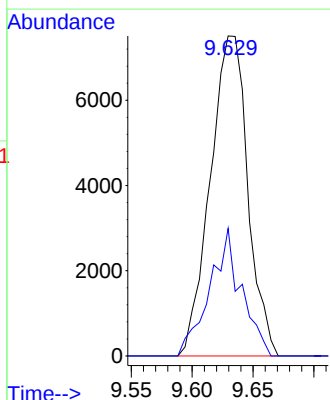
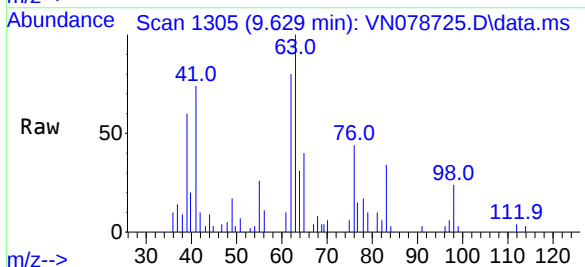
Acq: 01 Aug 2023 19:25

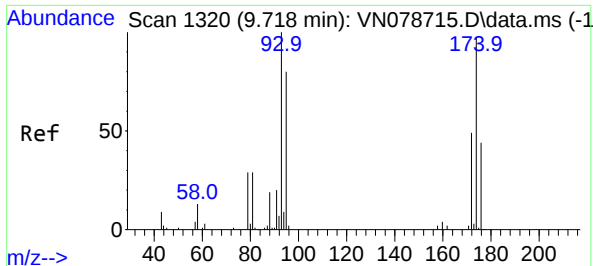
Tgt Ion: 63 Resp: 16134

Ion Ratio Lower Upper

63 100

65 39.9 27.4 41.2

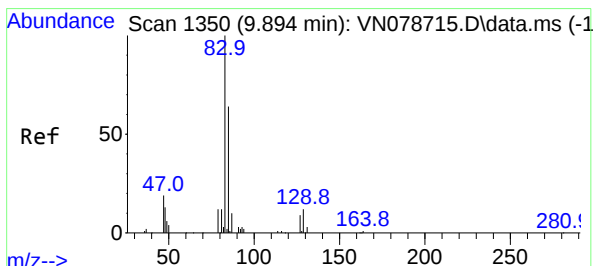
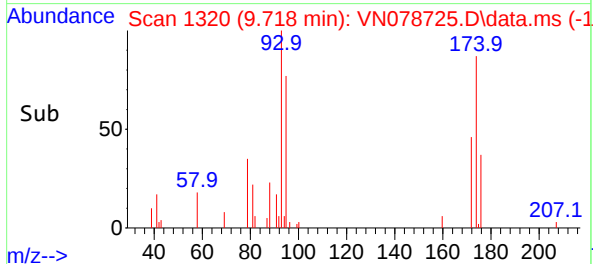
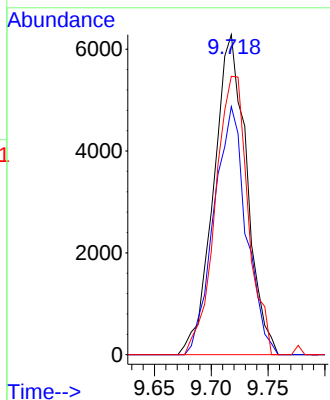
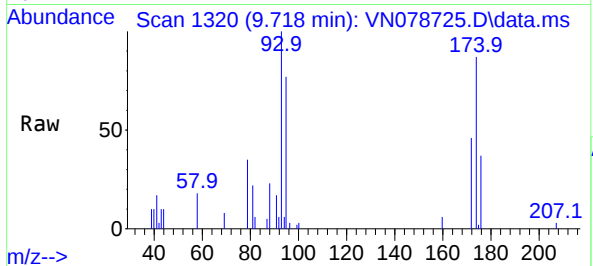




#40
Dibromomethane
Concen: 2.977 ug/l
RT: 9.718 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

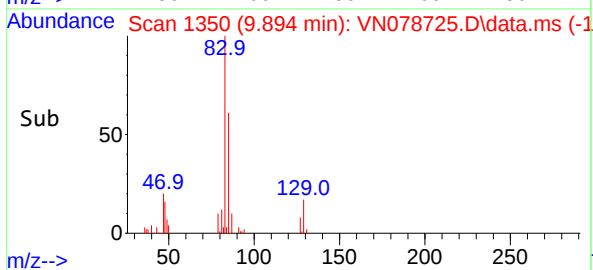
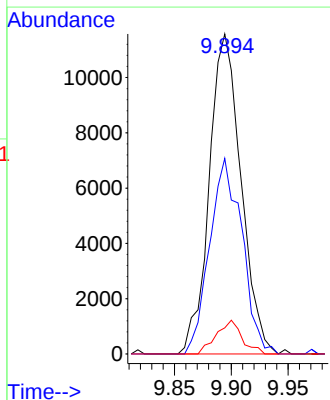
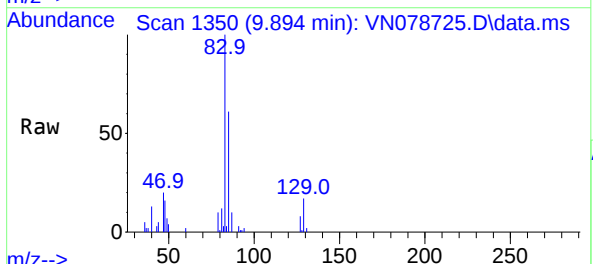
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

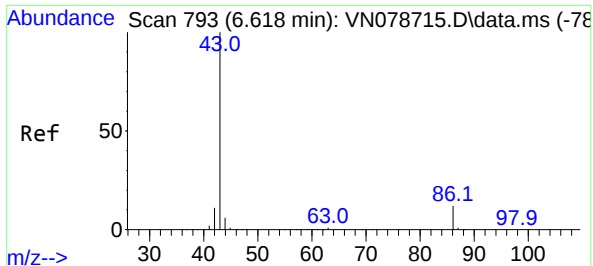
Tgt Ion:	93	Resp:	12705
Ion	Ratio	Lower	Upper
93	100		
95	76.3	0.0	167.8
174	86.2	0.0	180.8



#41
Bromodichloromethane
Concen: 2.639 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:	83	Resp:	22511
Ion	Ratio	Lower	Upper
83	100		
85	61.1	54.1	81.1
127	8.2	7.8	11.6

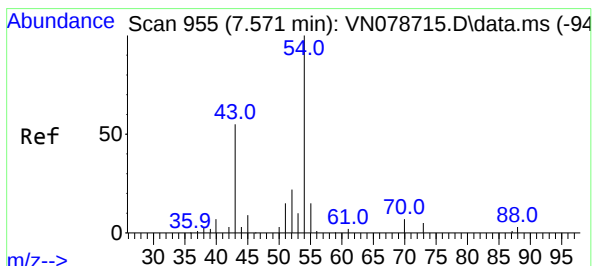
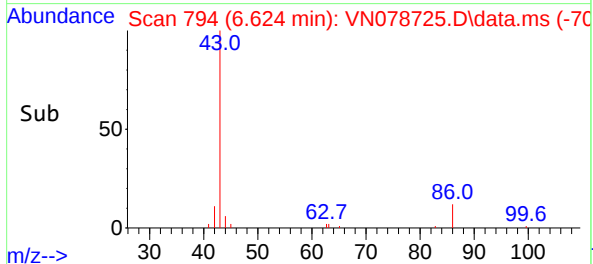
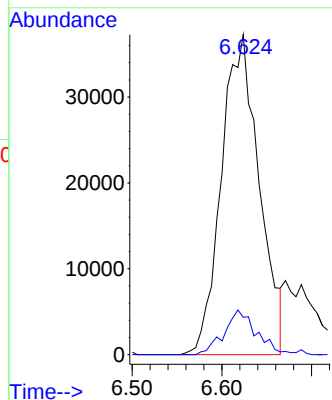
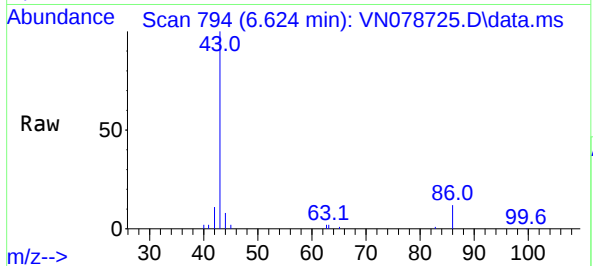




#42
 Vinyl Acetate
 Concen: 11.206 ug/l
 RT: 6.624 min Scan# 794
 Delta R.T. 0.006 min
 Lab File: VN078725.D
 Acq: 01 Aug 2023 19:25

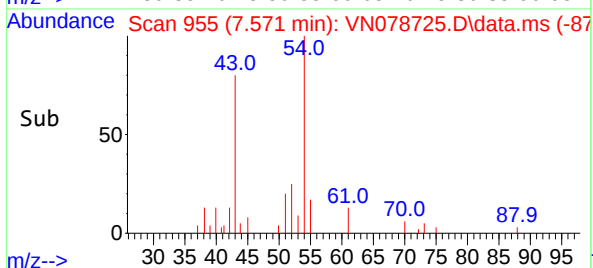
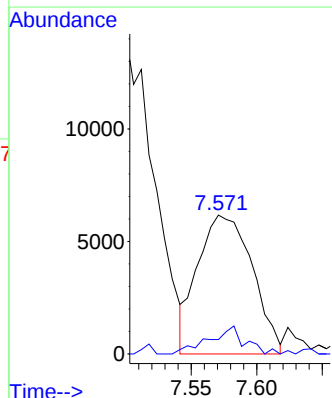
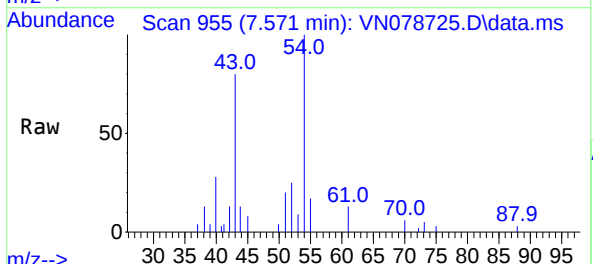
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

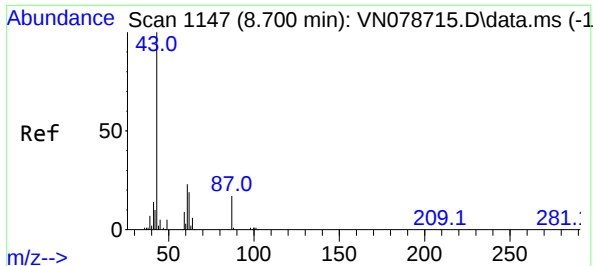
Tgt Ion: 43 Resp: 109044
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.4 14.0



#43
 Ethyl Acetate
 Concen: 2.853 ug/l
 RT: 7.571 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VN078725.D
 Acq: 01 Aug 2023 19:25

Tgt Ion: 43 Resp: 17855
 Ion Ratio Lower Upper
 43 100
 45 2.6 10.9 16.3#

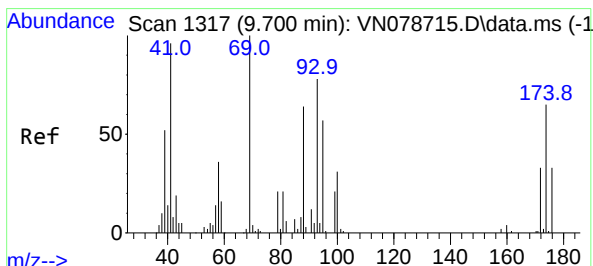
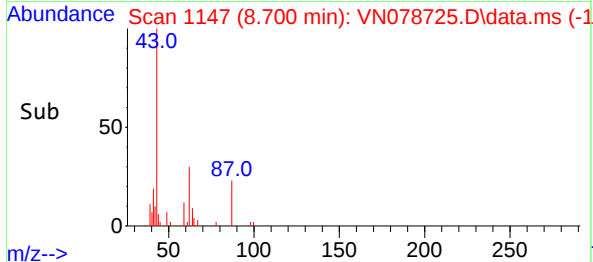
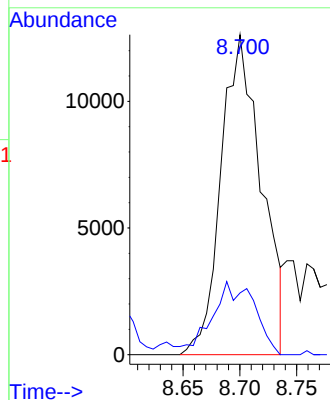
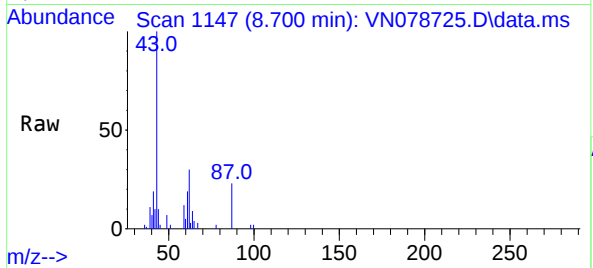




#44
Isopropyl Acetate
Concen: 2.839 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

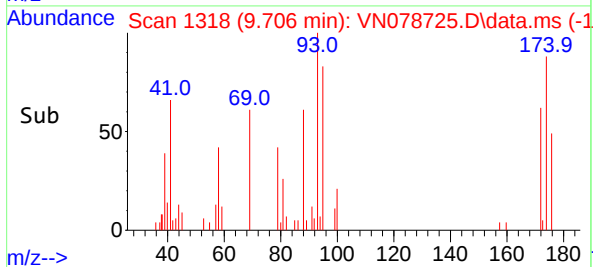
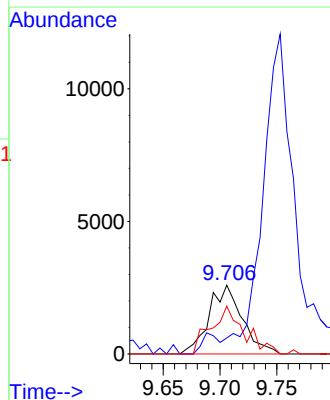
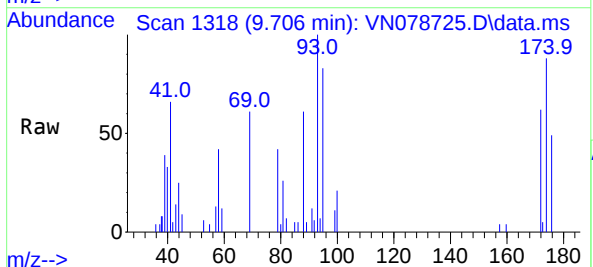
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

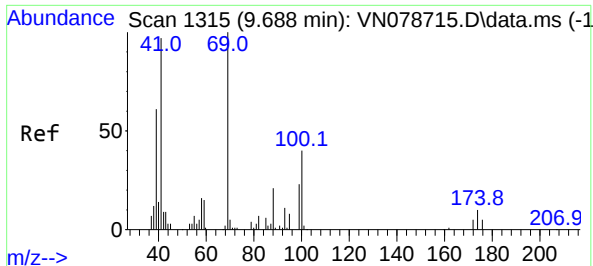
Tgt Ion: 43 Resp: 31169
Ion Ratio Lower Upper
43 100
61 10.9 23.0 34.6#



#45
1,4-Dioxane
Concen: 52.332 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 88 Resp: 5285
Ion Ratio Lower Upper
88 100
43 4.9 19.0 28.6#
58 53.2 48.2 72.2

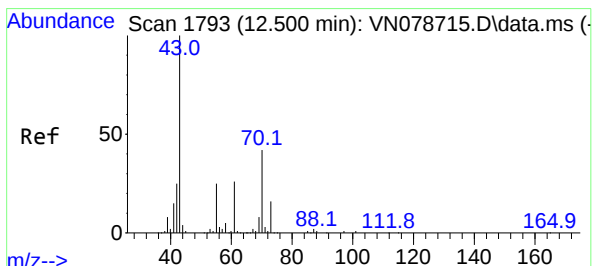
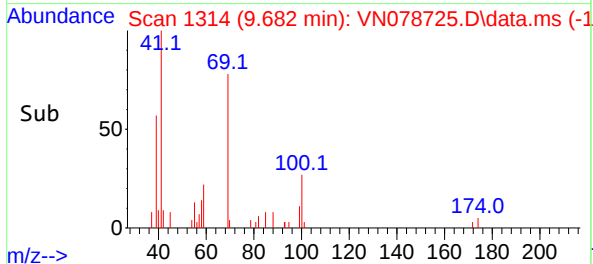
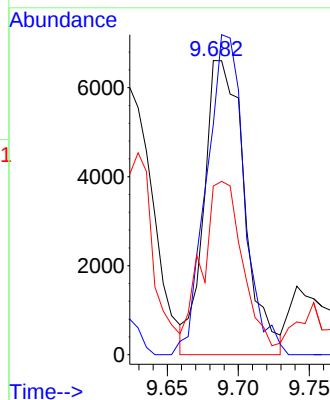
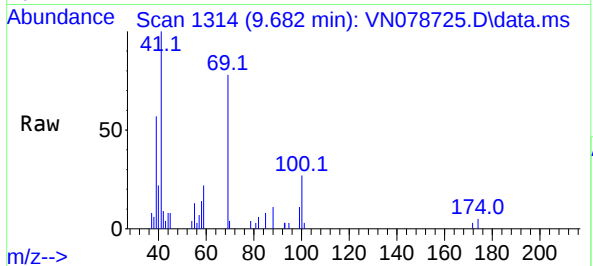




#46
Methyl methacrylate
Concen: 2.588 ug/l
RT: 9.682 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

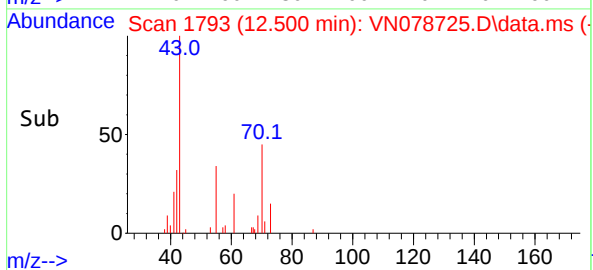
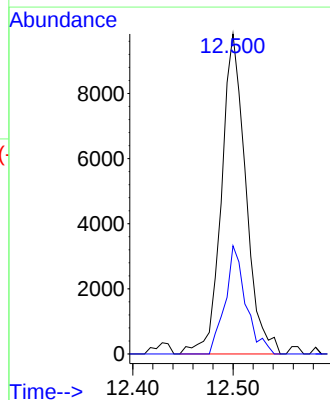
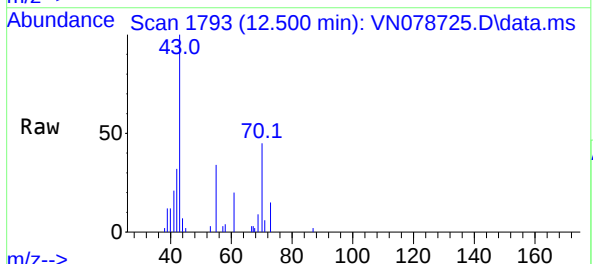
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

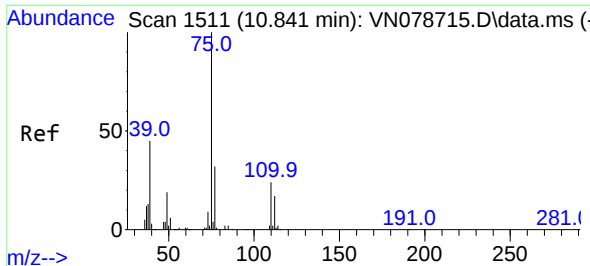
Tgt Ion: 41 Resp: 13013
Ion Ratio Lower Upper
41 100
69 80.0 49.0 147.0
39 57.3 31.6 94.8



#47
n-amil Acetate
Concen: 1.950 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 43 Resp: 16490
Ion Ratio Lower Upper
43 100
55 27.3 21.5 32.3

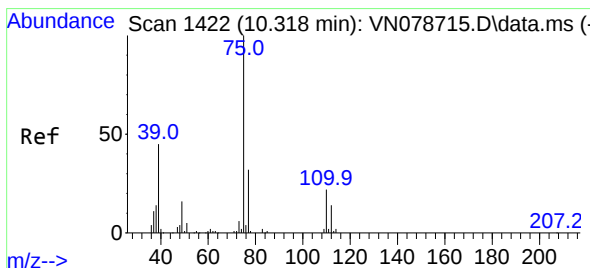
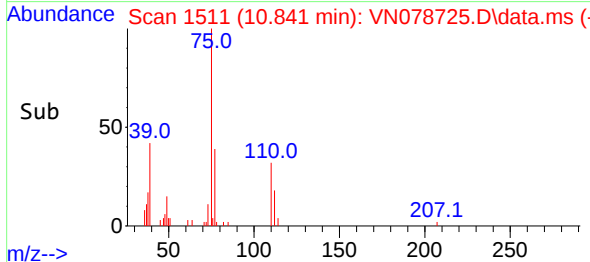
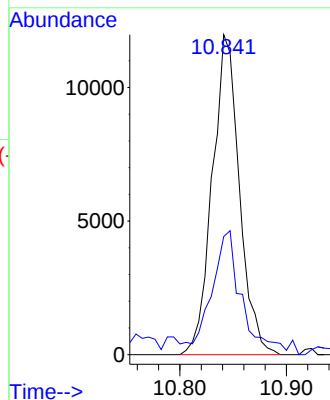
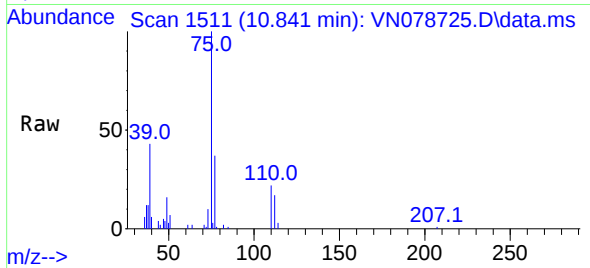




#48
t-1,3-Dichloropropene
Concen: 2.325 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

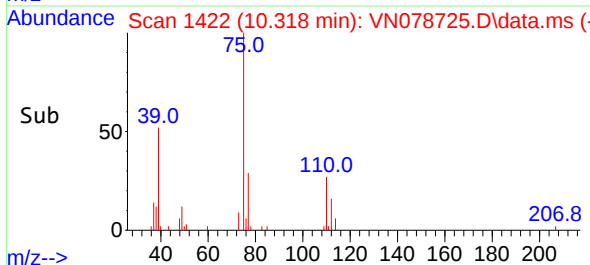
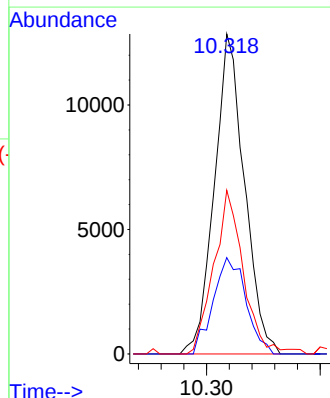
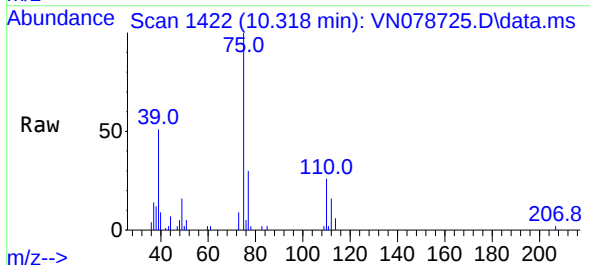
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

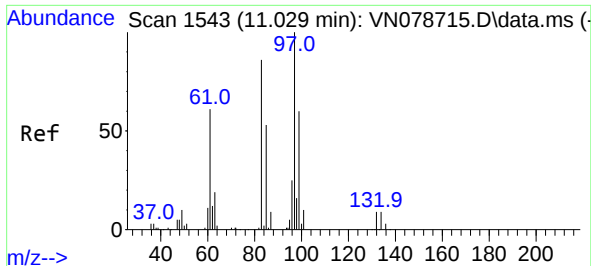
Tgt Ion: 75 Resp: 21174
Ion Ratio Lower Upper
75 100
77 33.5 26.1 39.1



#49
cis-1,3-Dichloropropene
Concen: 2.441 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 75 Resp: 23611
Ion Ratio Lower Upper
75 100
77 30.1 24.0 36.0
39 51.1 35.1 52.7

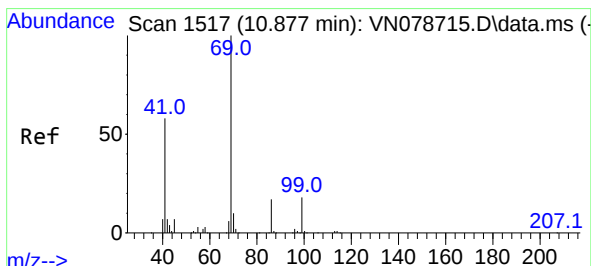
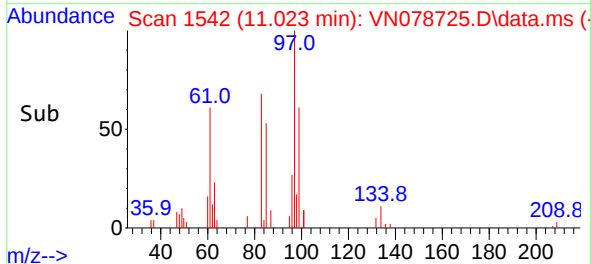
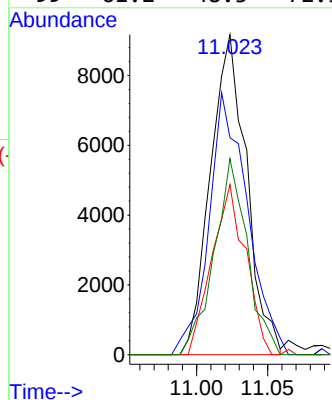
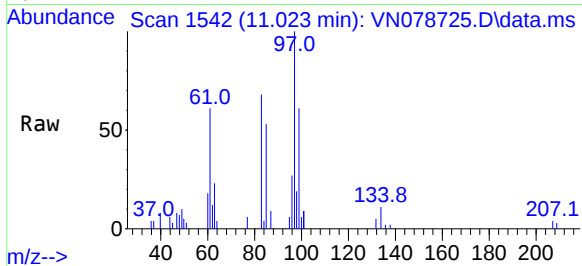




#50
1,1,2-Trichloroethane
Concen: 2.692 ug/l
RT: 11.023 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

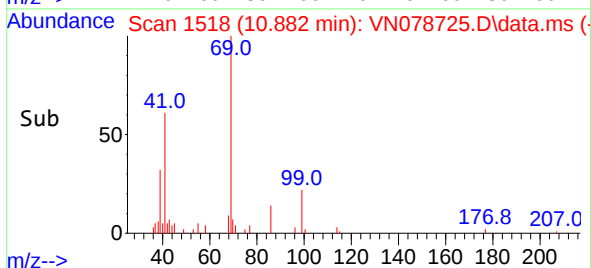
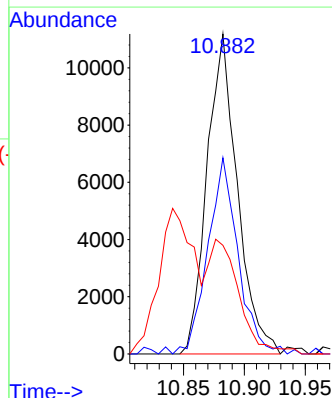
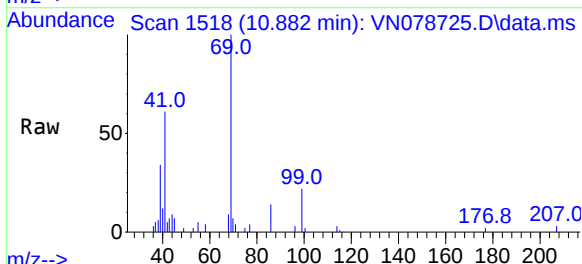
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

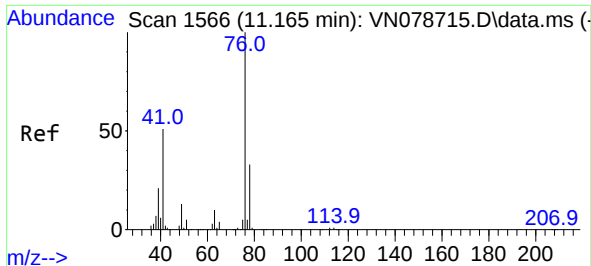
Tgt Ion: 97	Resp: 16261
Ion Ratio	Lower Upper
97 100	
83 63.3	66.8 100.2#
85 53.1	42.5 63.7
99 61.2	48.3 72.5



#51
Ethyl methacrylate
Concen: 2.349 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 69	Resp: 19429
Ion Ratio	Lower Upper
69 100	
41 59.0	26.0 78.0
39 32.3	16.3 48.9

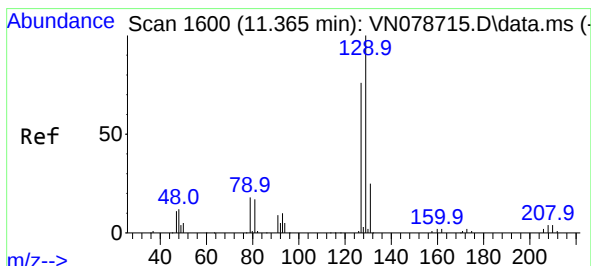
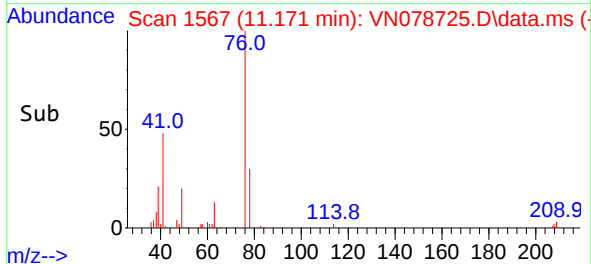
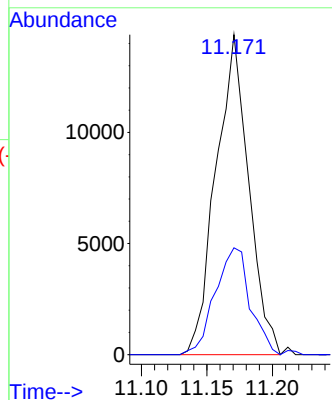
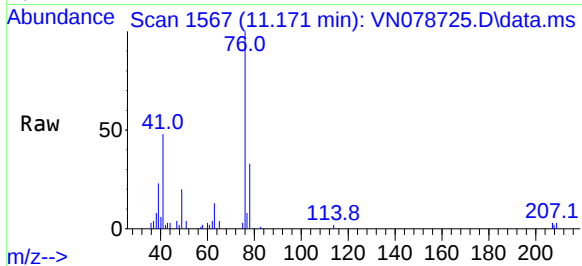




#52
1,3-Dichloropropane
Concen: 2.303 ug/l
RT: 11.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

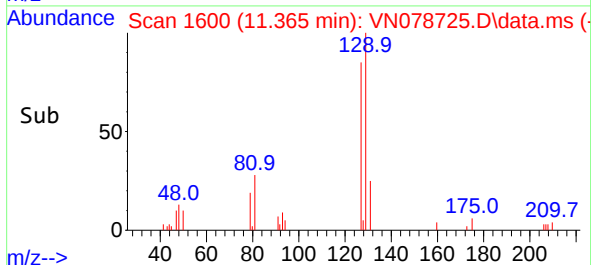
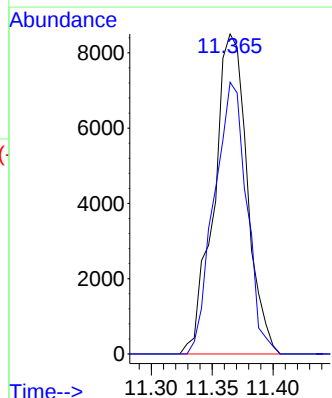
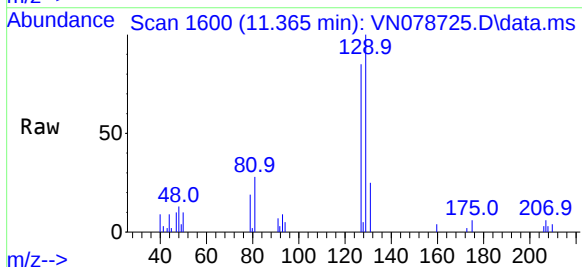
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

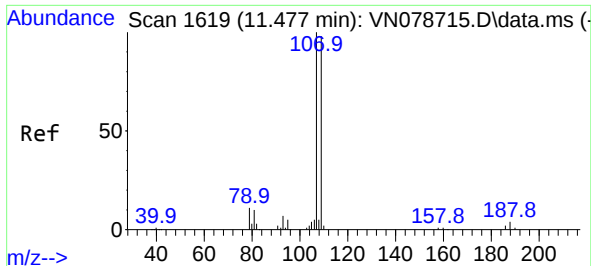
Tgt Ion: 76 Resp: 25000
Ion Ratio Lower Upper
76 100
78 35.7 0.0 66.2



#53
Dibromochloromethane
Concen: 2.374 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 129 Resp: 16204
Ion Ratio Lower Upper
129 100
127 82.8 39.4 118.1

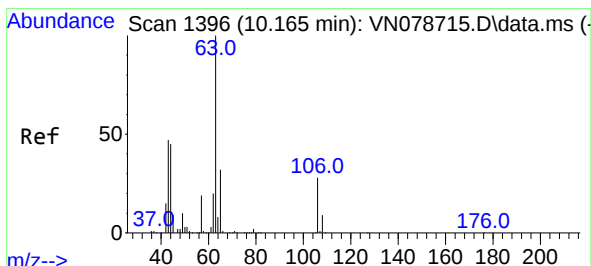
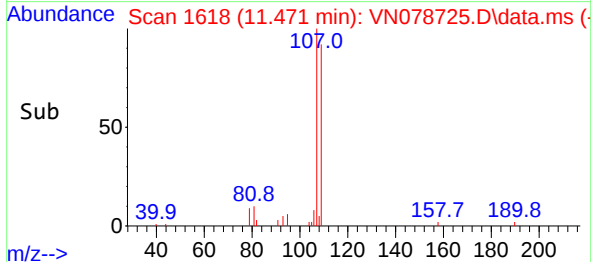
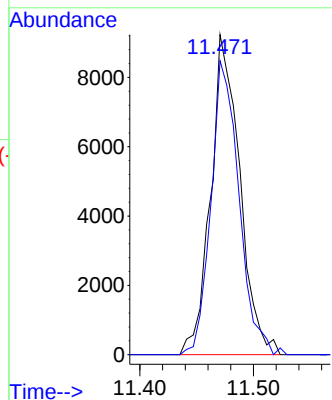
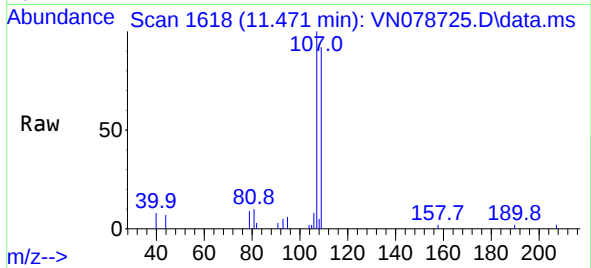




#54
1,2-Dibromoethane
Concen: 2.707 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

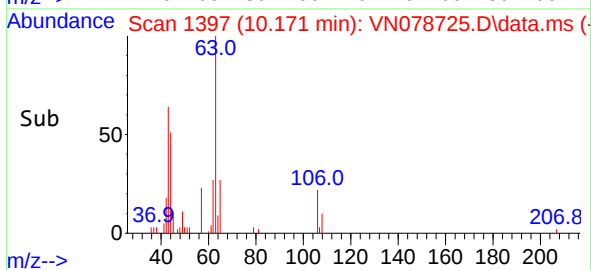
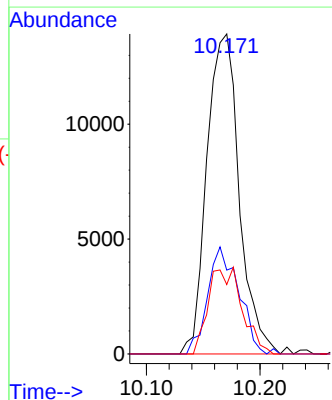
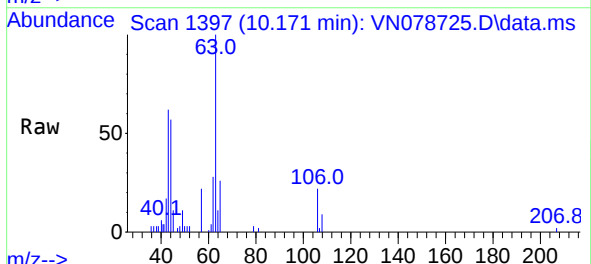
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

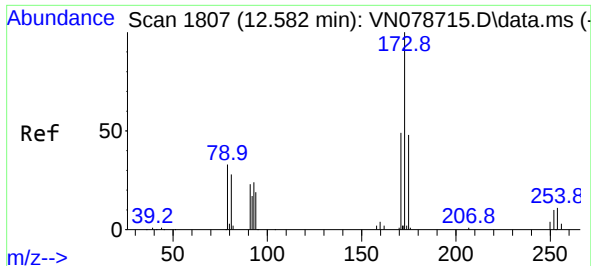
Tgt Ion:107 Resp: 16421
Ion Ratio Lower Upper
107 100
109 88.0 74.6 112.0



#55
2-Chloroethyl vinyl ether
Concen: 10.466 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 63 Resp: 27581
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5
106 16.6 23.8 35.6#

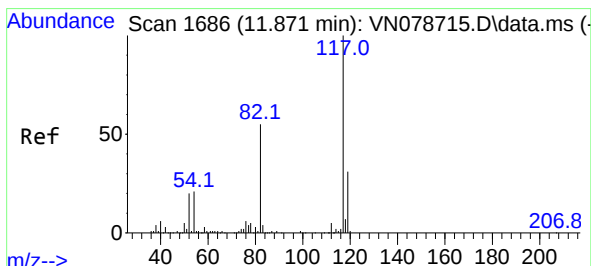
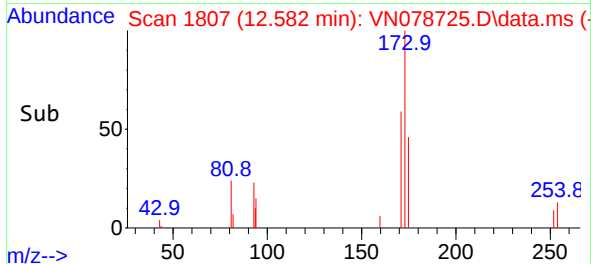
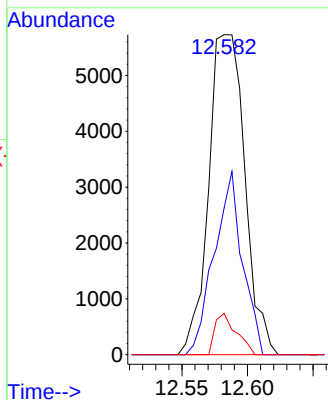
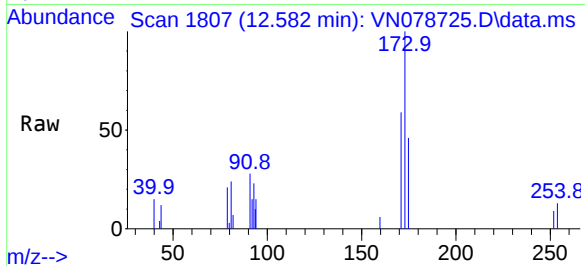




#56
Bromoform
Concen: 2.470 ug/l
RT: 12.582 min Scan# 11027
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

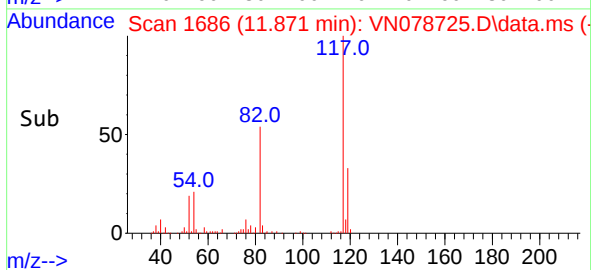
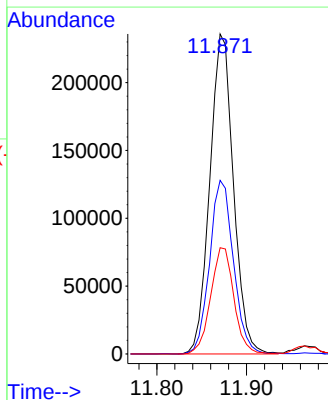
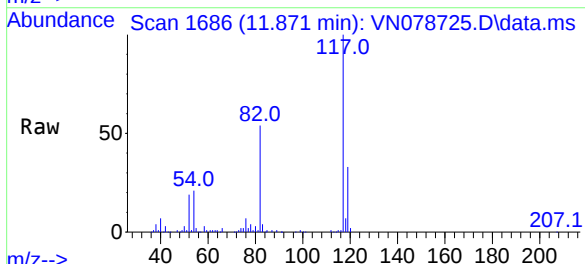
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

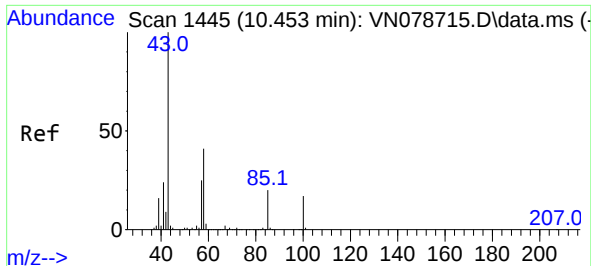
Tgt Ion:	173	Resp:	11027
Ion	Ratio	Lower	Upper
173	100		
175	44.5	40.7	61.1
254	7.6	6.5	9.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:	117	Resp:	431839
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.9	65.9
119	32.6	26.2	39.4

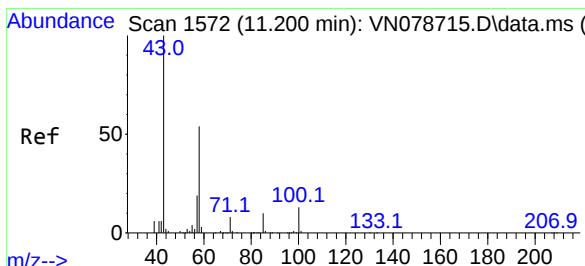
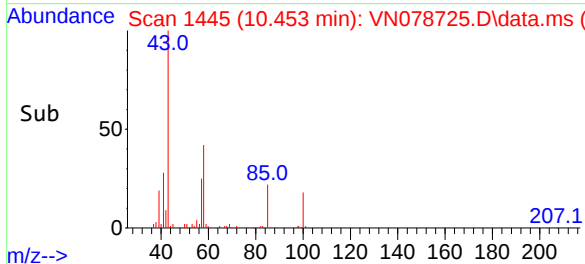
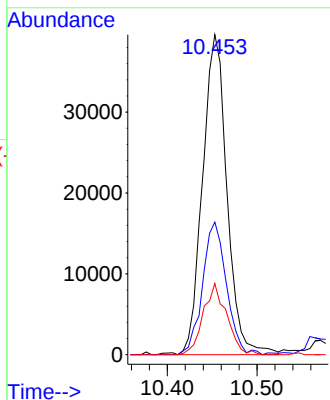
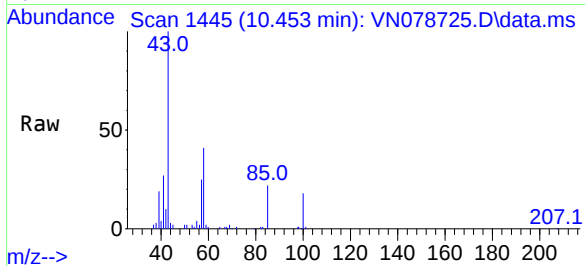




#58
4-Methyl-2-Pentanone
Concen: 11.555 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

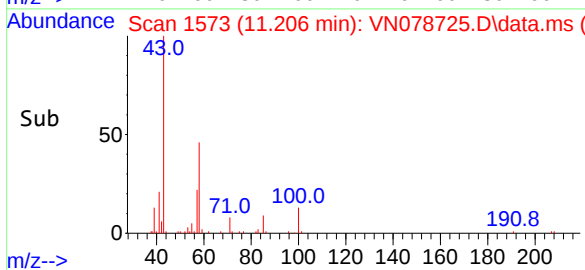
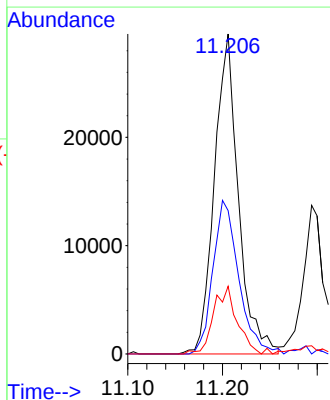
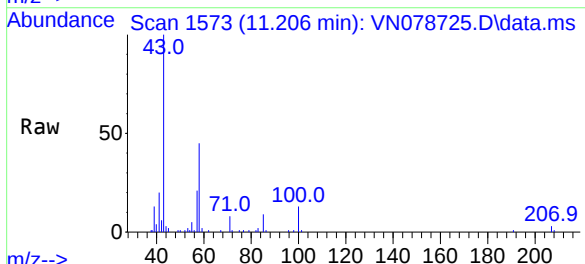
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

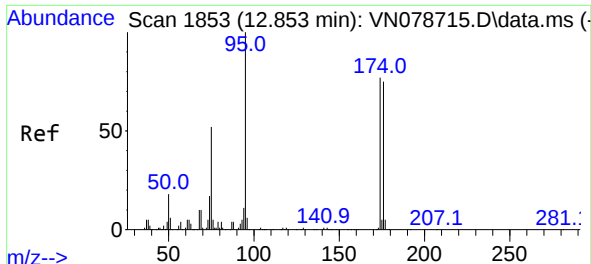
Tgt Ion:	43	Resp:	74691
Ion	Ratio	Lower	Upper
43	100		
58	40.1	32.6	48.8
85	21.1	16.2	24.2



#59
2-Hexanone
Concen: 10.643 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:	43	Resp:	52087
Ion	Ratio	Lower	Upper
43	100		
58	51.6	45.9	68.9
57	20.3	15.8	23.6



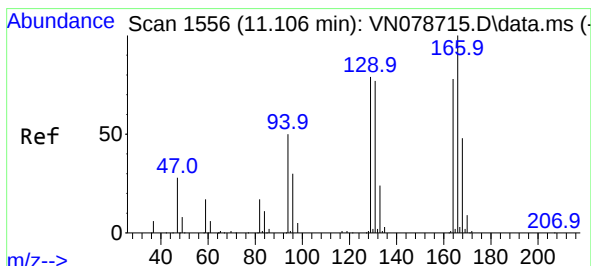
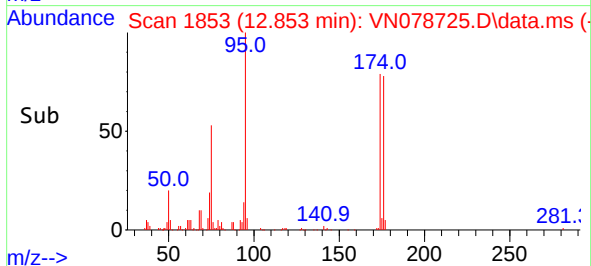
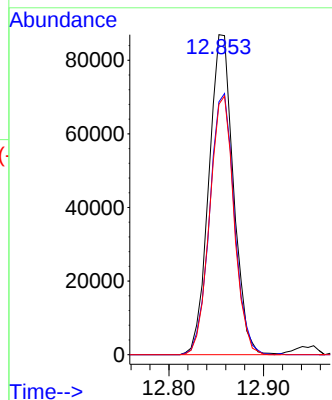
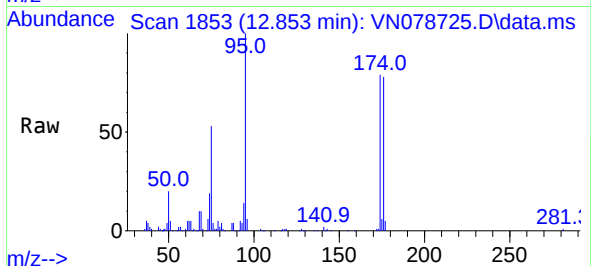


#60
4-Bromofluorobenzene
Concen: 24.182 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 95 Resp: 156498

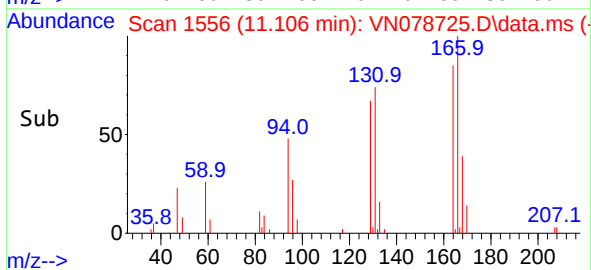
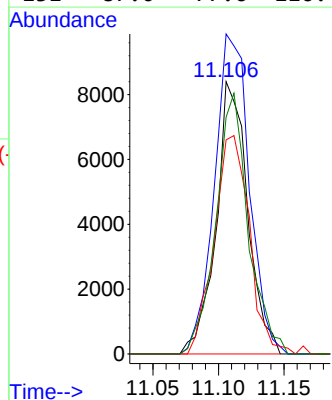
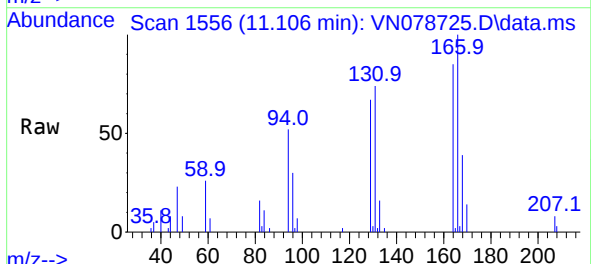
Ion	Ratio	Lower	Upper
95	100		
174	81.8	61.7	92.5
176	79.7	58.1	87.1

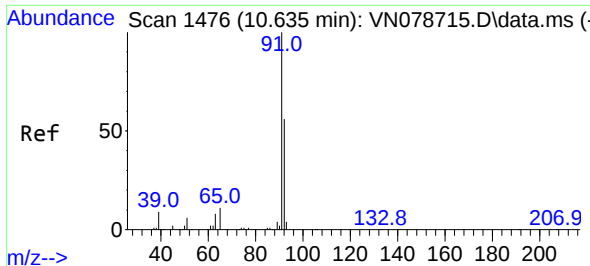


#61
Tetrachloroethene
Concen: 2.470 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 164 Resp: 14027

Ion	Ratio	Lower	Upper
164	100		
166	117.5	99.1	148.7
129	78.6	85.6	128.4#
131	87.0	77.6	116.4

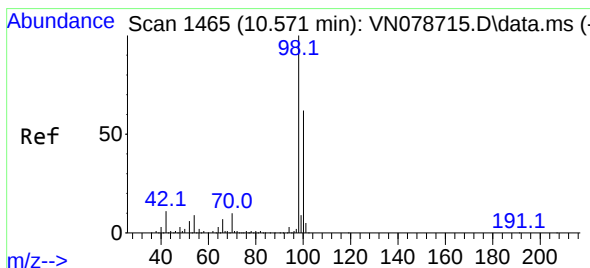
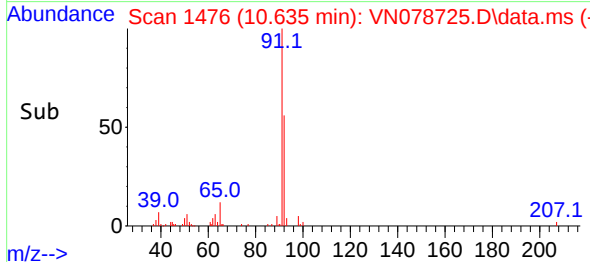
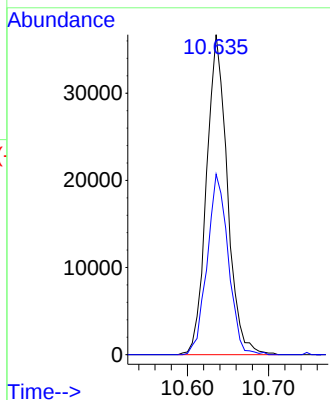
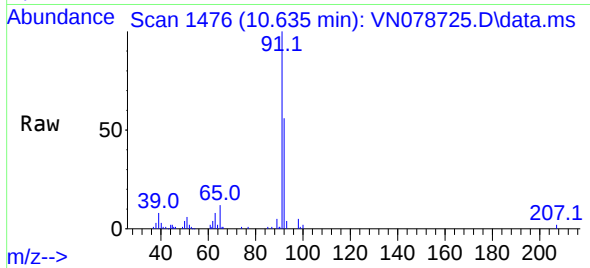




#62
Toluene
Concen: 2.519 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

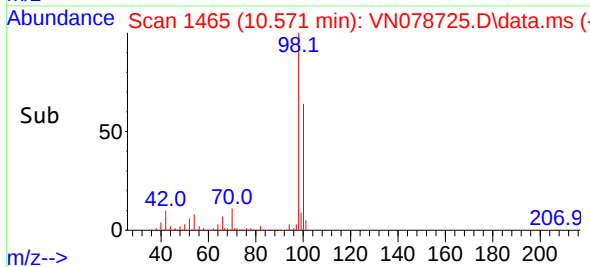
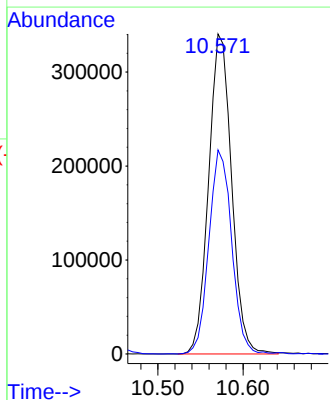
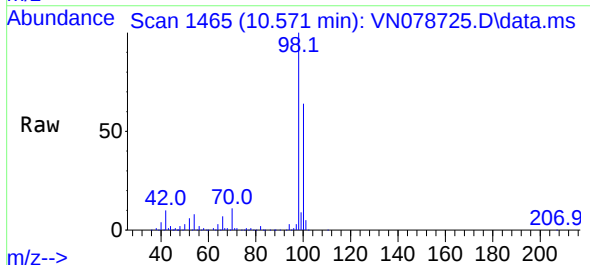
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

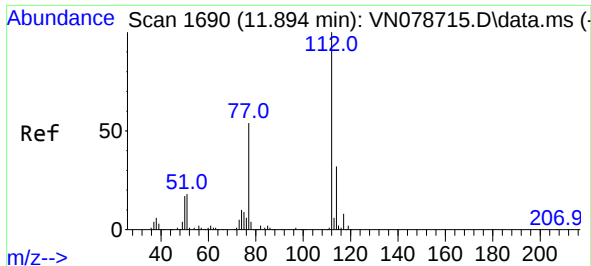
Tgt Ion: 91 Resp: 65436
Ion Ratio Lower Upper
91 100
92 56.6 45.2 67.8



#63
Toluene-d8
Concen: 29.900 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 98 Resp: 637854
Ion Ratio Lower Upper
98 100
100 63.2 49.7 74.5

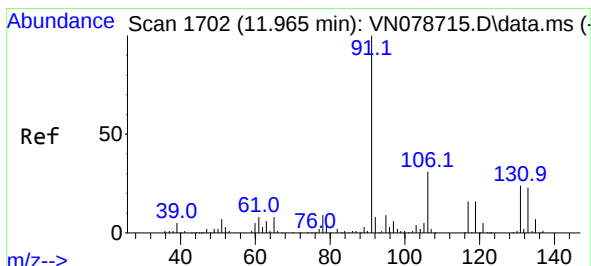
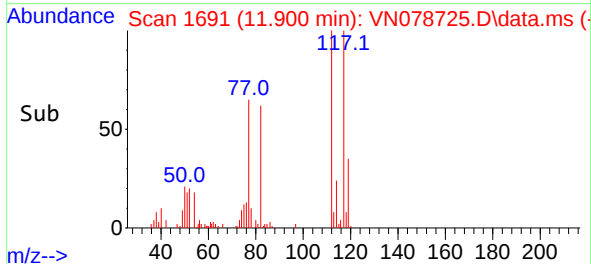
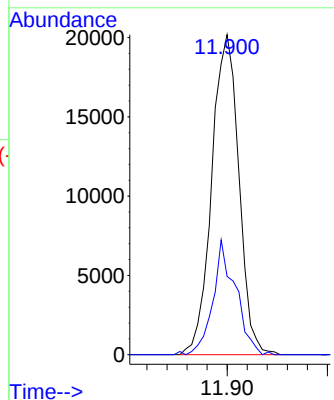
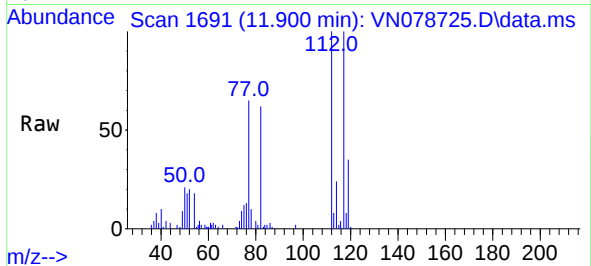




#64
Chlorobenzene
Concen: 2.500 ug/l
RT: 11.900 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

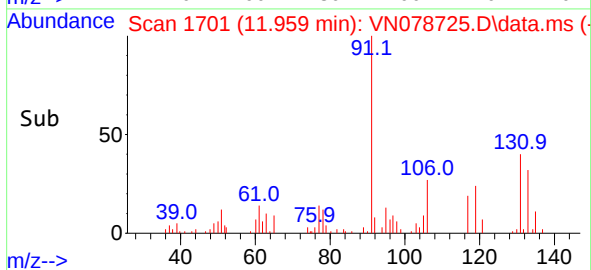
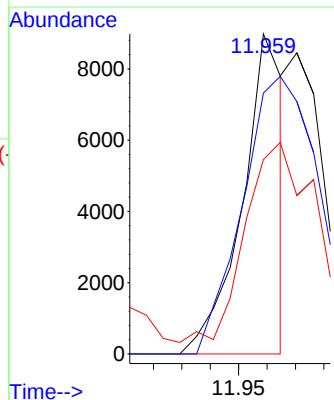
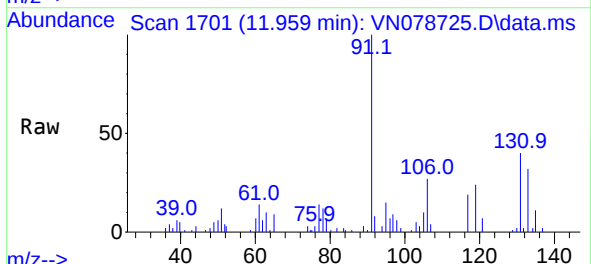
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

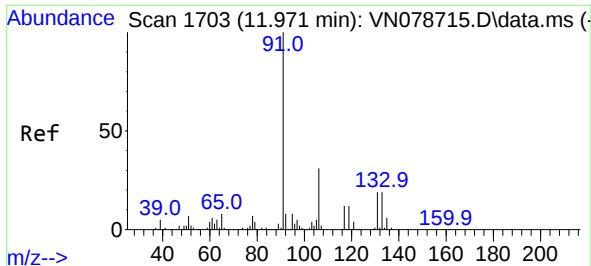
Tgt Ion:112 Resp: 37916
Ion Ratio Lower Upper
112 100
114 24.4 25.9 38.9#



#65
1,1,1,2-Tetrachloroethane
Concen: 1.520 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:131 Resp: 9090
Ion Ratio Lower Upper
131 100
133 165.5 0.0 191.8
119 118.1 0.0 132.0

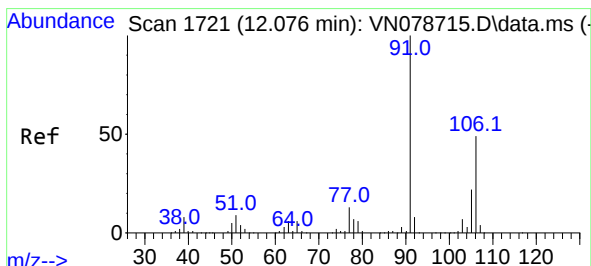
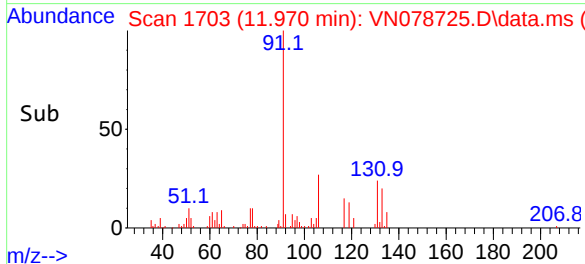
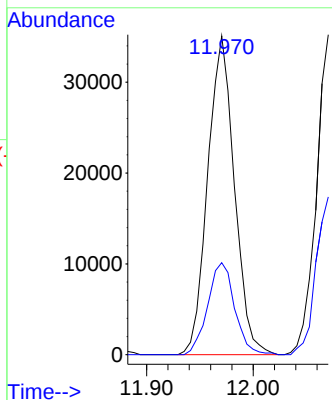
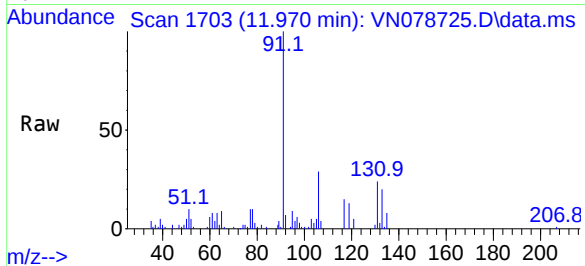




#66
Ethyl Benzene
Concen: 2.333 ug/l
RT: 11.970 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

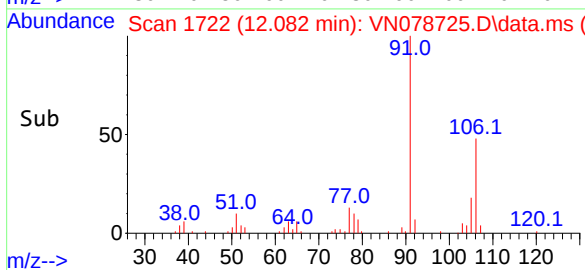
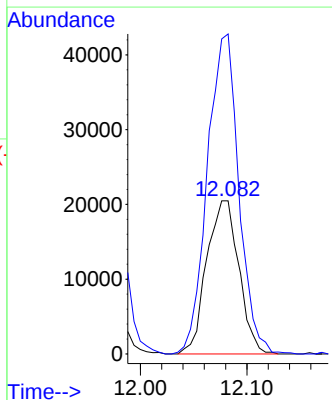
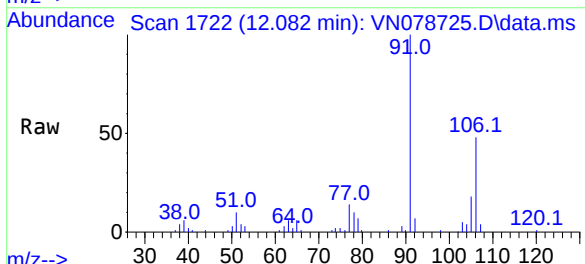
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

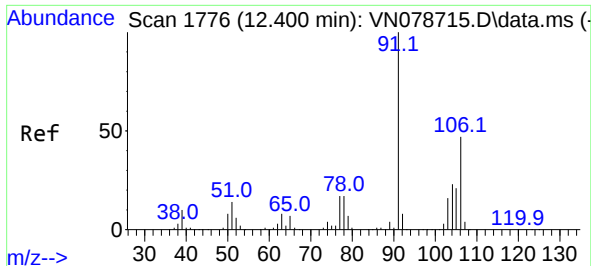
Tgt Ion: 91 Resp: 61071
Ion Ratio Lower Upper
91 100
106 28.9 25.6 38.4



#67
m/p-Xylenes
Concen: 4.306 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 106 Resp: 43064
Ion Ratio Lower Upper
106 100
91 203.7 162.5 243.7

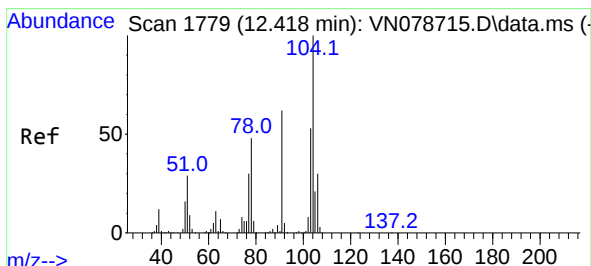
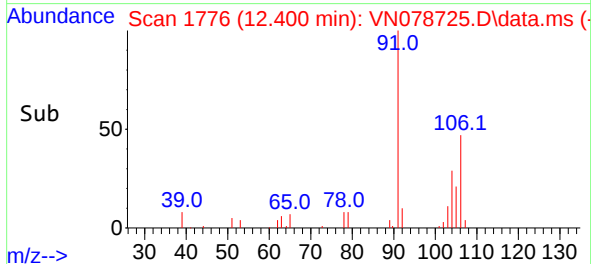
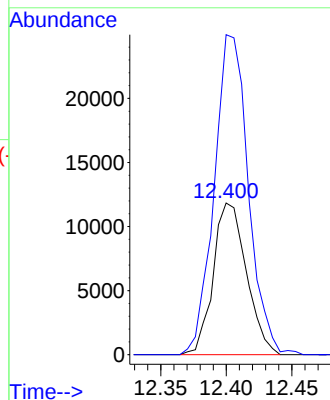
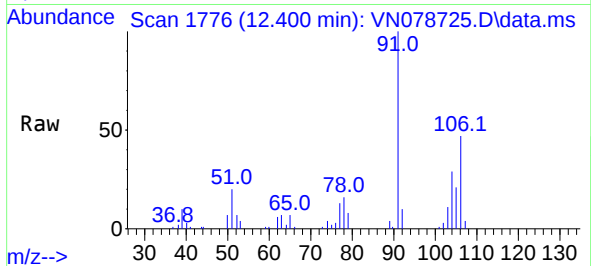




#68
o-Xylene
Concen: 2.048 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

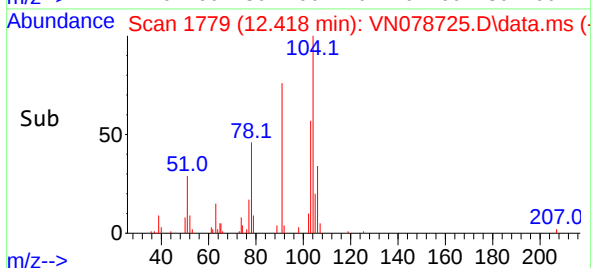
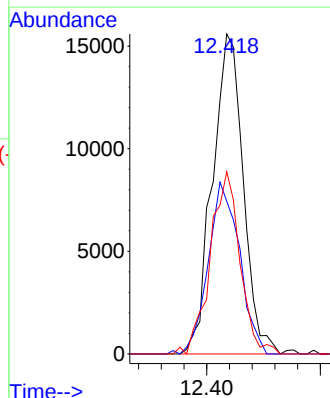
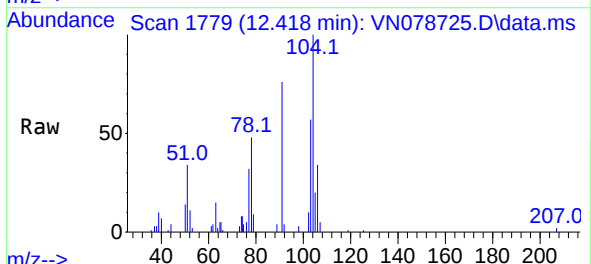
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

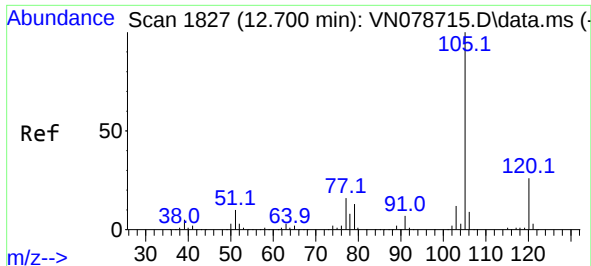
Tgt Ion:106 Resp: 20844
Ion Ratio Lower Upper
106 100
91 216.1 106.1 318.3



#69
Styrene
Concen: 1.791 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:104 Resp: 29317
Ion Ratio Lower Upper
104 100
78 54.3 40.1 60.1
103 53.5 45.1 67.7

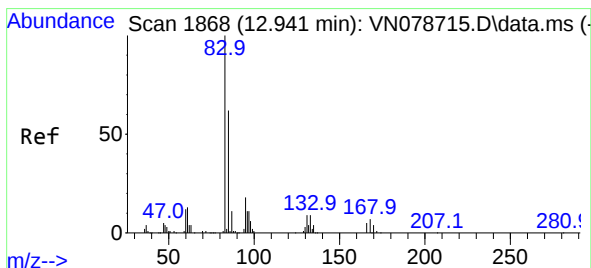
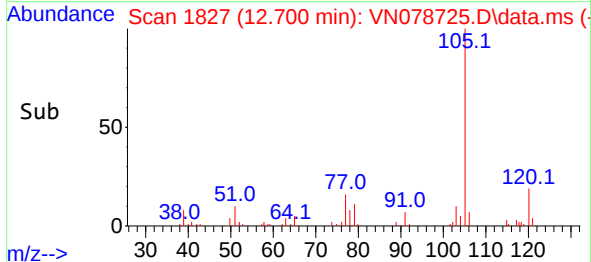
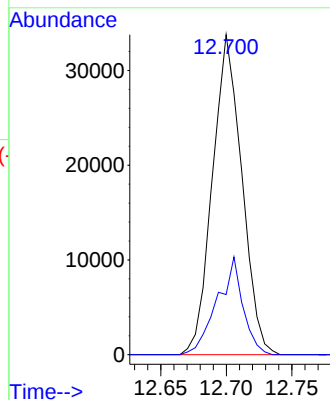
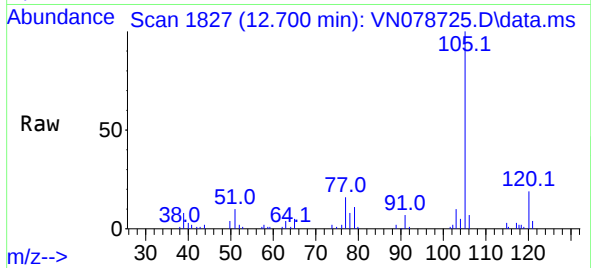




#70
Isopropylbenzene
Concen: 2.093 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

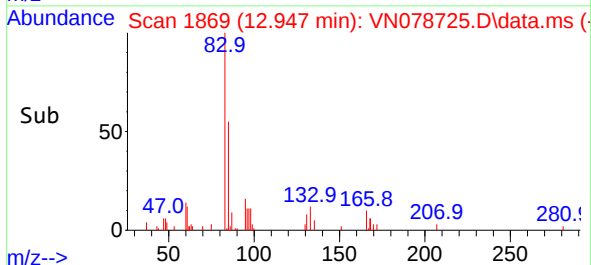
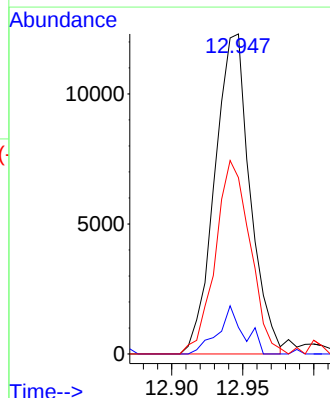
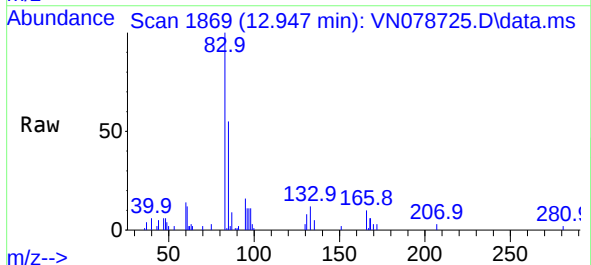
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

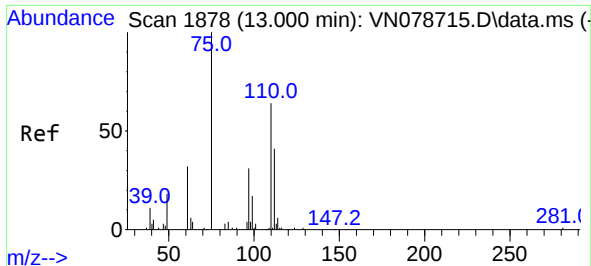
Tgt Ion:105 Resp: 52690
Ion Ratio Lower Upper
105 100
120 26.8 18.3 34.1



#71
1,1,2,2-Tetrachloroethane
Concen: 2.602 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 83 Resp: 21275
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 59.6 32.6 98.0

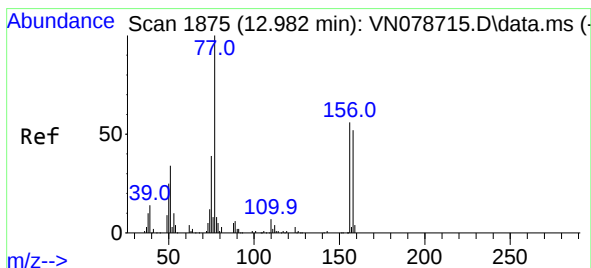
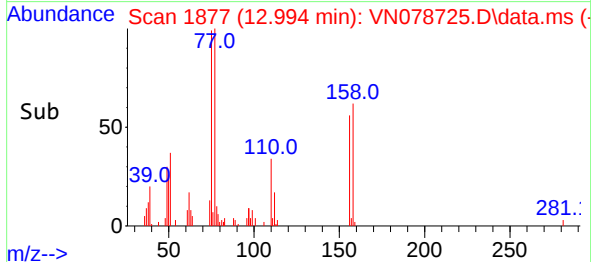
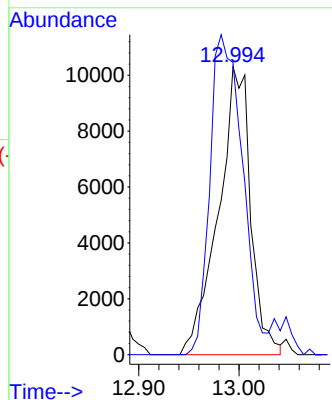
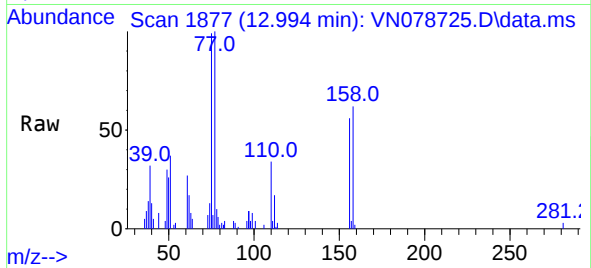




#72
1,2,3-Trichloropropane
Concen: 3.361 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

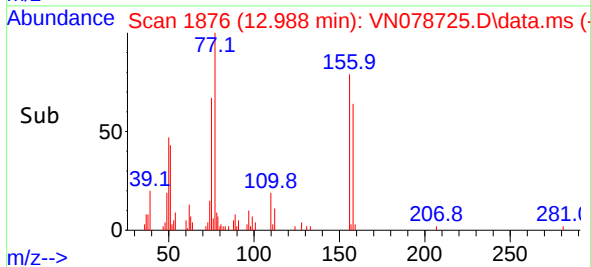
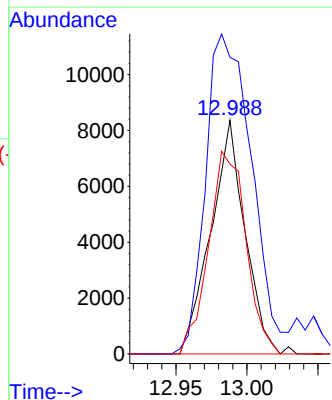
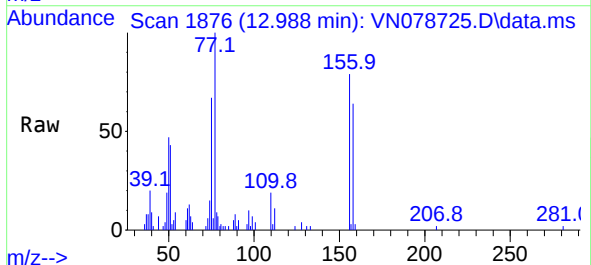
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

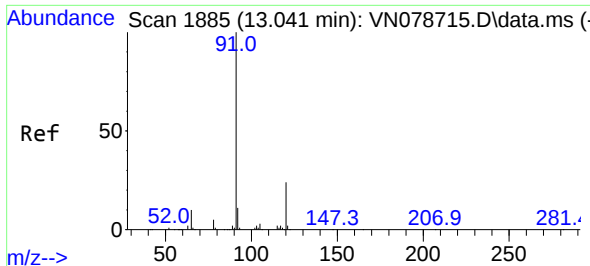
Tgt Ion: 75 Resp: 23056
Ion Ratio Lower Upper
75 100
77 112.3 0.0 387.4



#73
Bromobenzene
Concen: 2.268 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:156 Resp: 13992
Ion Ratio Lower Upper
156 100
77 185.0 0.0 420.8
158 94.9 0.0 193.2

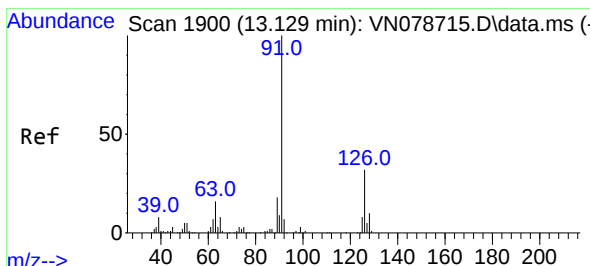
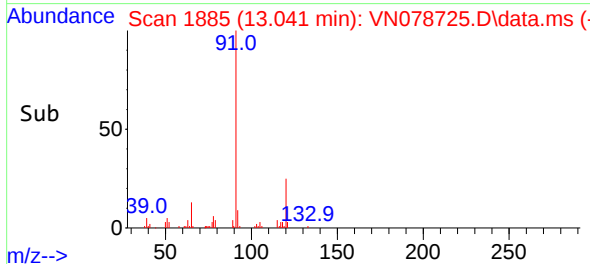
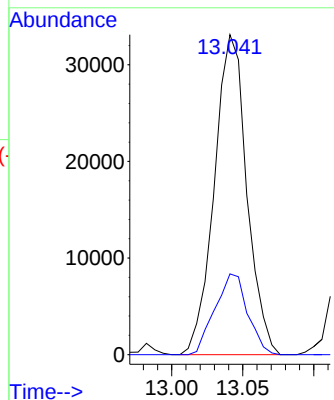
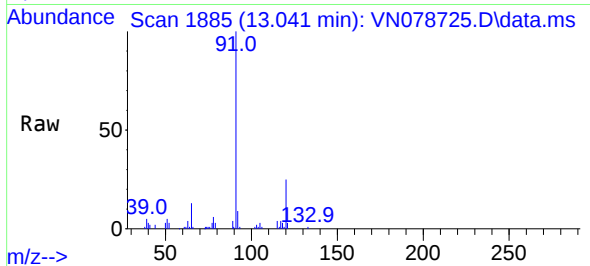




#74
n-propylbenzene
Concen: 1.888 ug/l
RT: 13.041 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

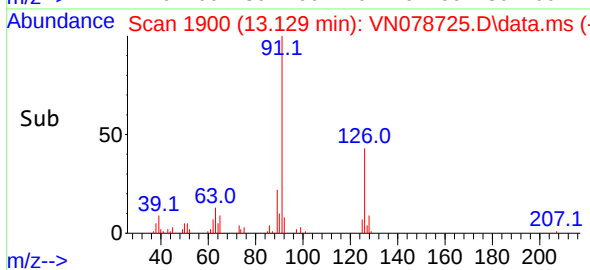
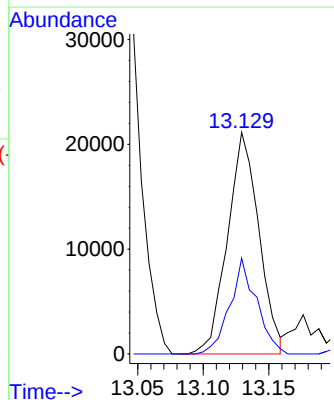
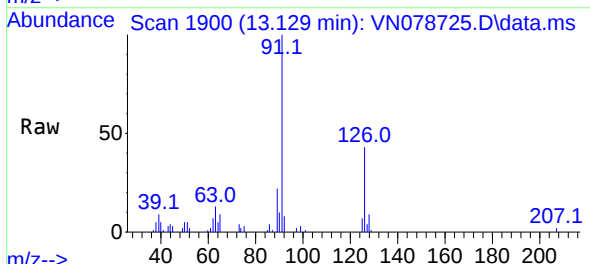
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

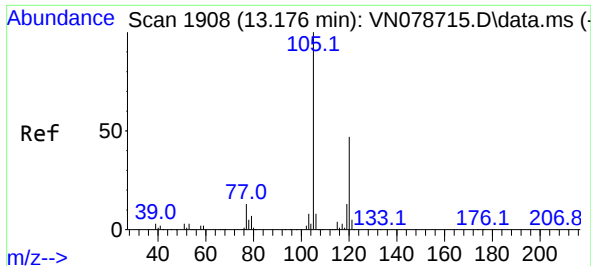
Tgt Ion: 91 Resp: 52684
Ion Ratio Lower Upper
91 100
120 25.4 0.0 44.6



#75
2-Chlorotoluene
Concen: 1.832 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 91 Resp: 35292
Ion Ratio Lower Upper
91 100
126 36.7 0.0 67.2

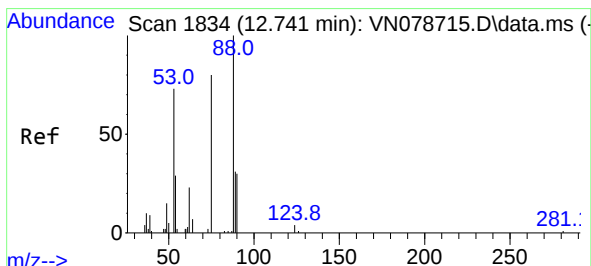
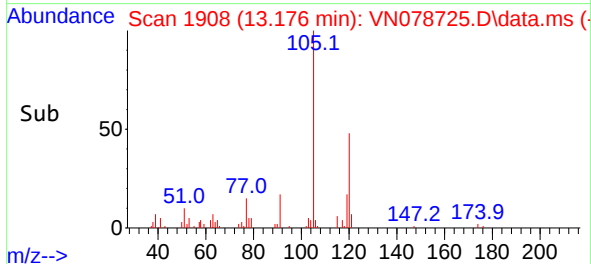
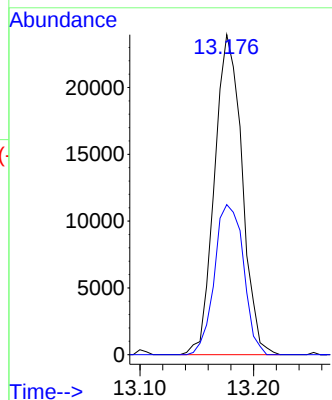
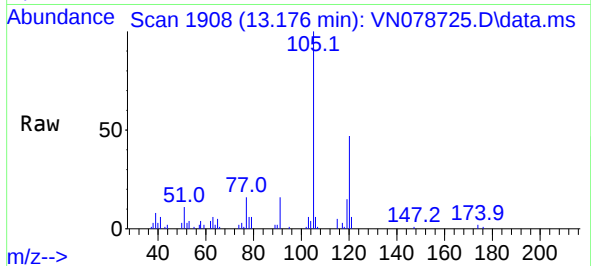




#76
1,3,5-Trimethylbenzene
Concen: 1.797 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

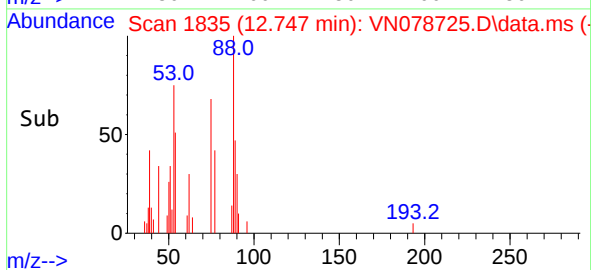
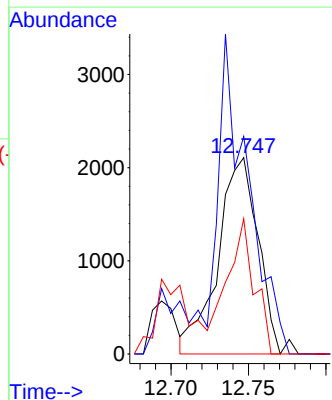
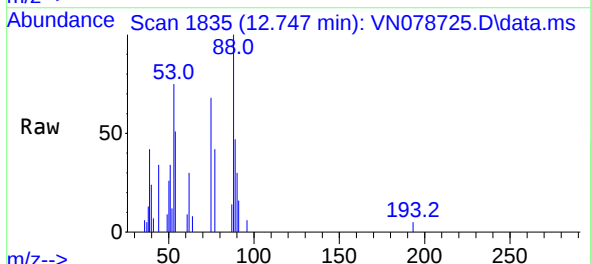
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

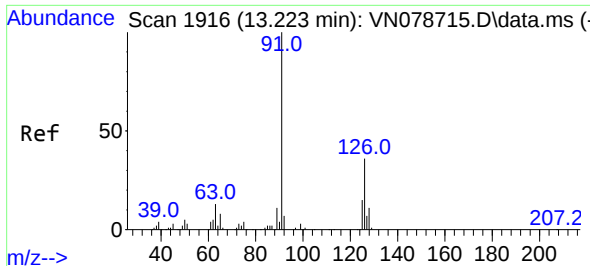
Tgt Ion:105 Resp: 40375
Ion Ratio Lower Upper
105 100
120 49.3 0.0 97.2



#77
t-1,4-Dichloro-2-butene
Concen: 1.579 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 75 Resp: 3785
Ion Ratio Lower Upper
75 100
53 94.9 41.6 124.9
89 68.8 25.1 75.4

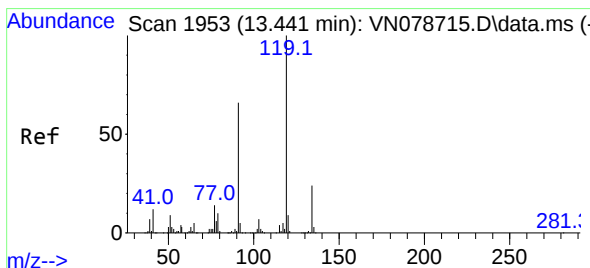
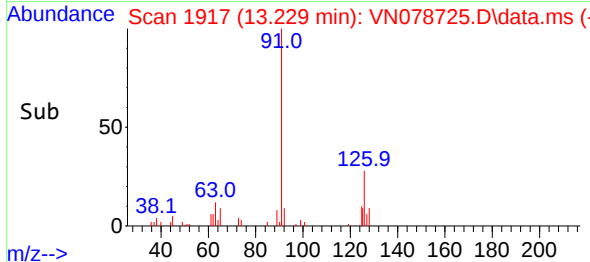
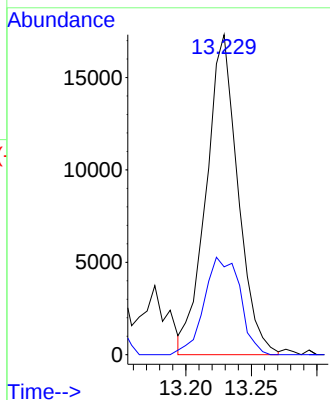
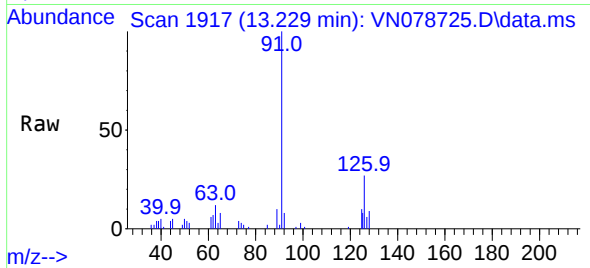




#78
4-Chlorotoluene
Concen: 1.567 ug/l
RT: 13.229 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

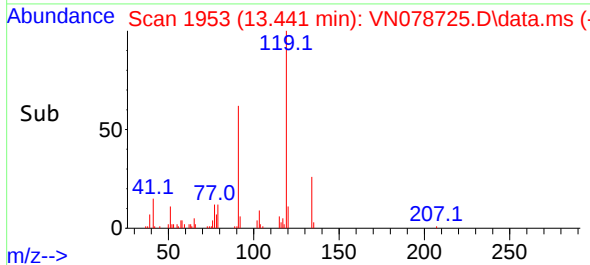
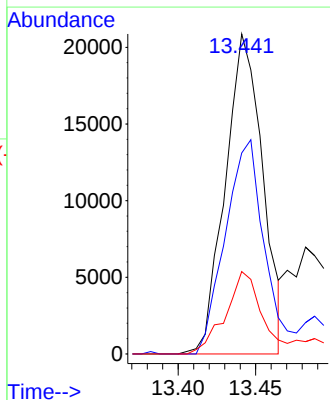
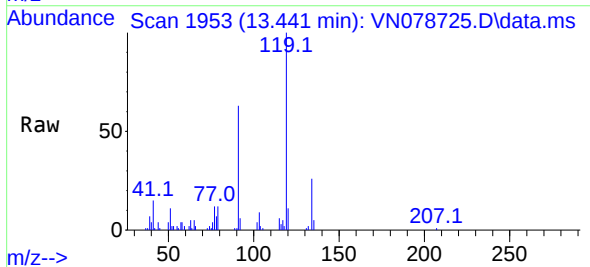
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

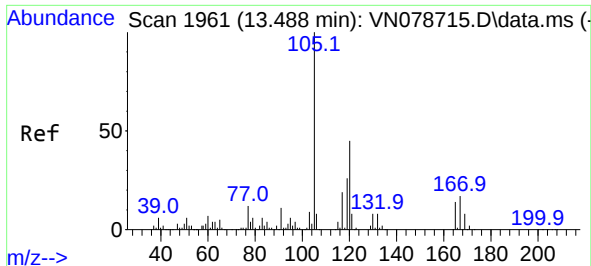
Tgt Ion: 91 Resp: 29156
Ion Ratio Lower Upper
91 100
126 34.4 0.0 68.8



#79
tert-butylbenzene
Concen: 1.815 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 119 Resp: 35108
Ion Ratio Lower Upper
119 100
91 70.1 0.0 126.6
134 24.8 0.0 44.0

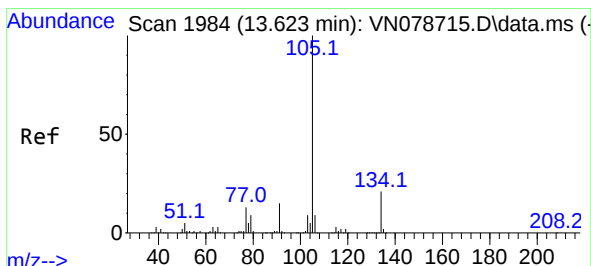
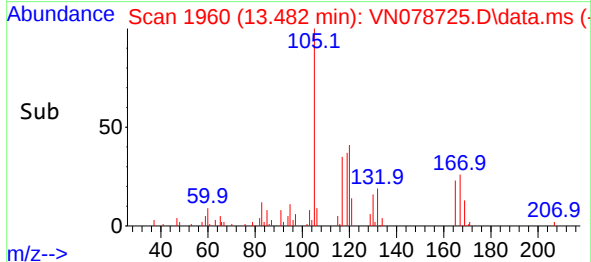
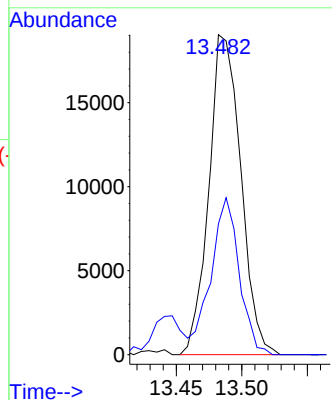
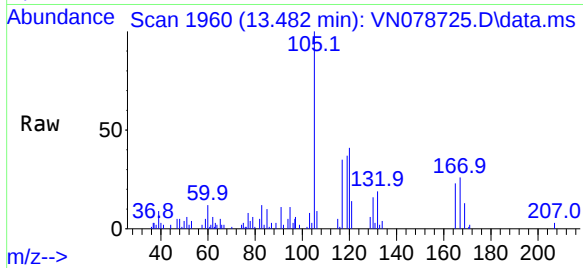




#80
1,2,4-Trimethylbenzene
Concen: 1.505 ug/l
RT: 13.482 min Scan# 1961
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

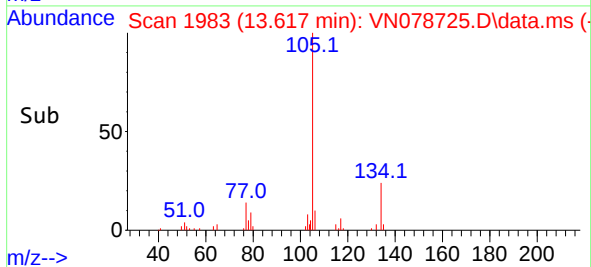
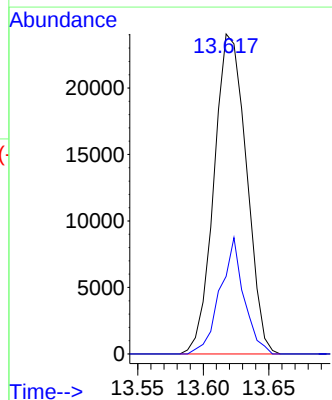
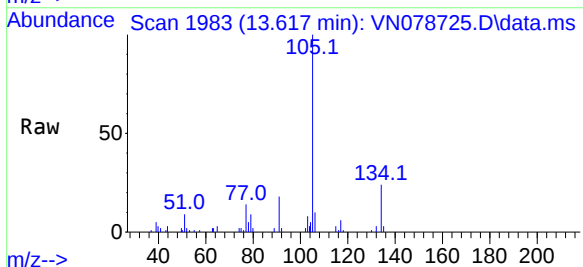
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

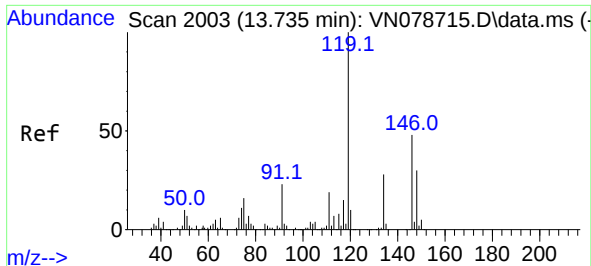
Tgt Ion:105 Resp: 32302
Ion Ratio Lower Upper
105 100
120 43.6 0.0 88.2



#81
sec-Butylbenzene
Concen: 1.668 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:105 Resp: 41346
Ion Ratio Lower Upper
105 100
134 26.8 0.0 38.6

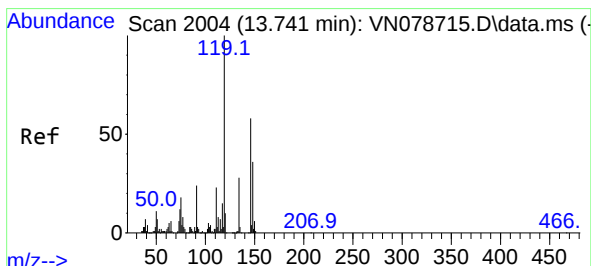
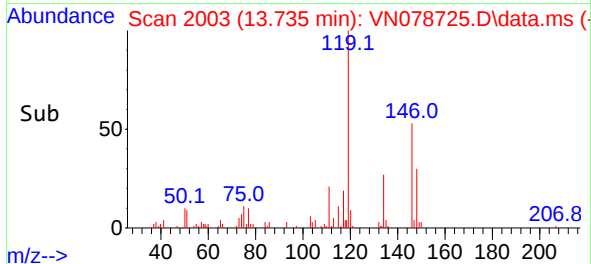
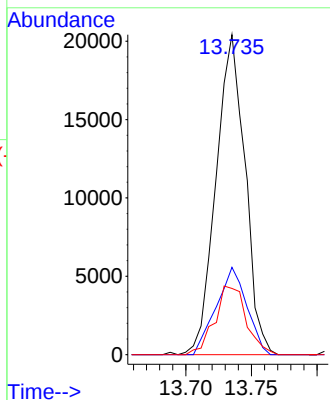
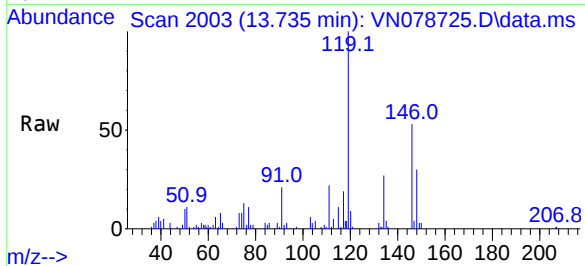




#82
 p-Isopropyltoluene
 Concen: 1.545 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078725.D
 Acq: 01 Aug 2023 19:25

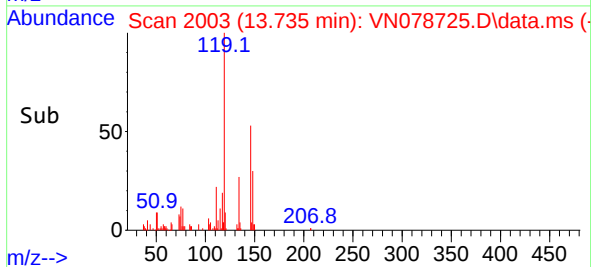
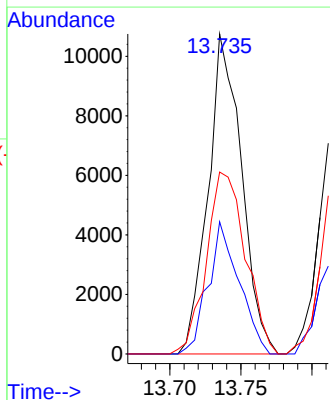
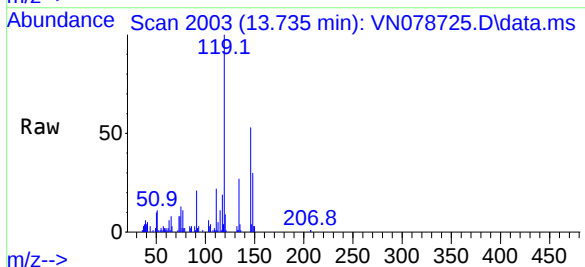
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

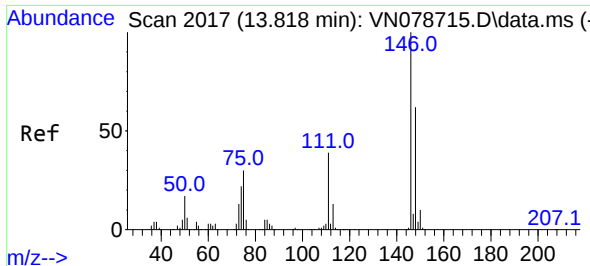
Tgt Ion:	119	Resp:	31442
Ion	Ratio	Lower	Upper
119	100		
134	28.8	0.0	52.4
91	23.3	0.0	48.2



#83
 1,3-Dichlorobenzene
 Concen: 1.607 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN078725.D
 Acq: 01 Aug 2023 19:25

Tgt Ion:	146	Resp:	17582
Ion	Ratio	Lower	Upper
146	100		
111	38.4	21.6	64.6
148	66.6	31.9	95.5

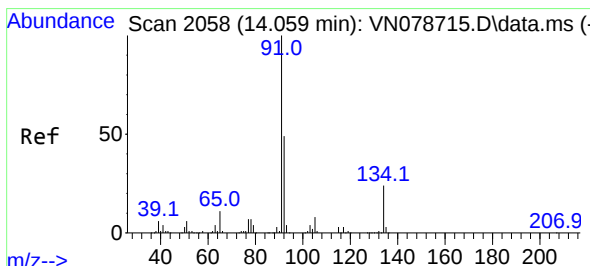
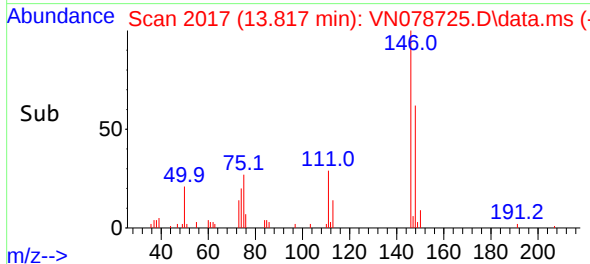
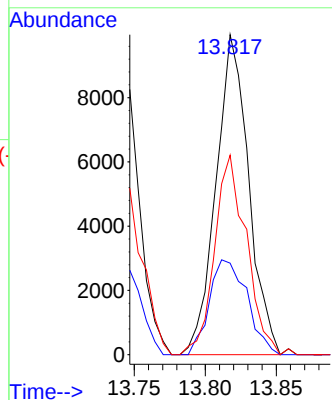
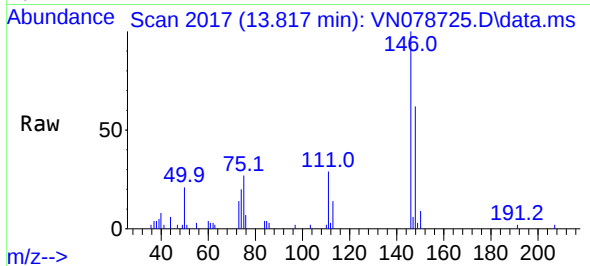




#84
1,4-Dichlorobenzene
Concen: 1.556 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

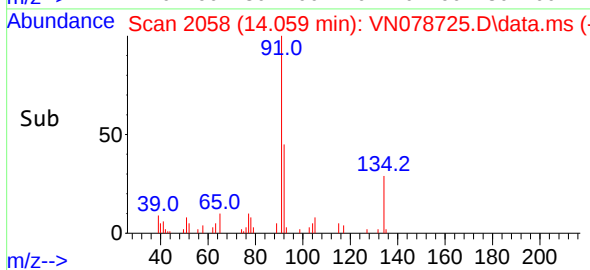
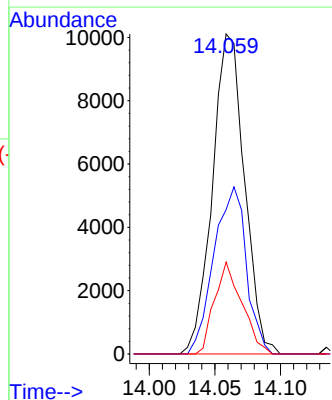
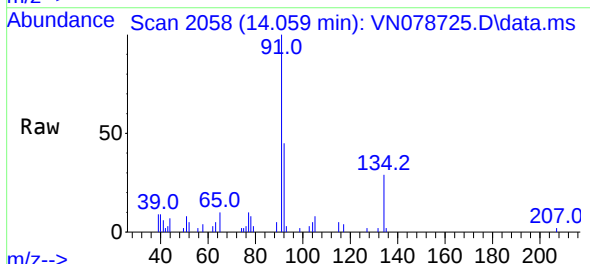
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

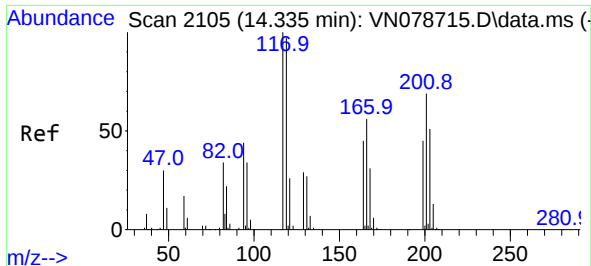
Tgt Ion:	146	Resp:	15943
Ion	Ratio	Lower	Upper
146	100		
111	34.2	19.4	58.2
148	60.6	31.4	94.3



#85
n-Butylbenzene
Concen: 1.218 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:	91	Resp:	17188
Ion	Ratio	Lower	Upper
91	100		
92	52.7	0.0	99.6
134	24.6	0.0	50.0

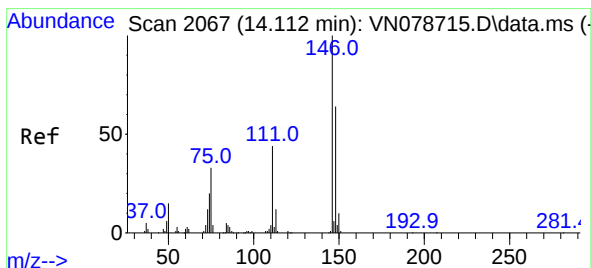
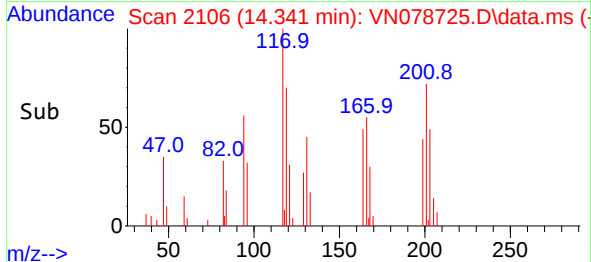
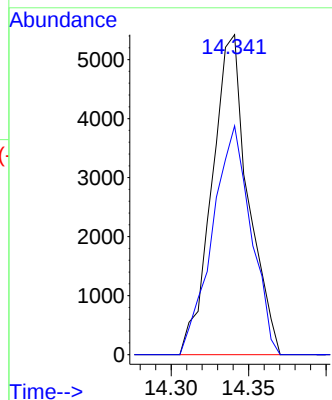
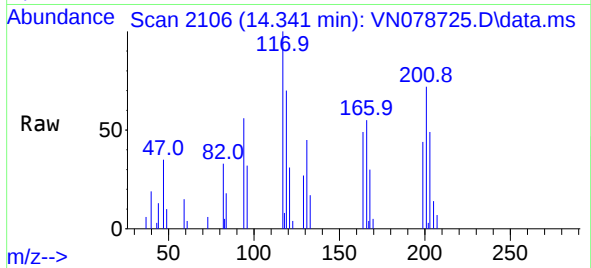




#86
Hexachloroethane
Concen: 2.376 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

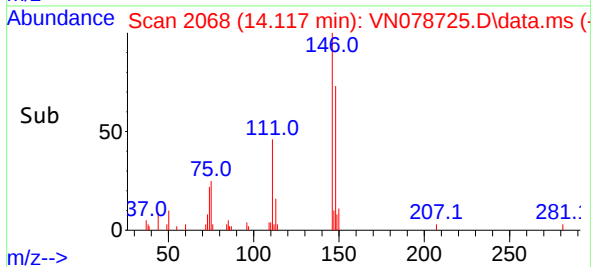
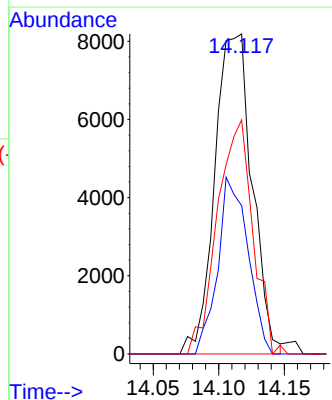
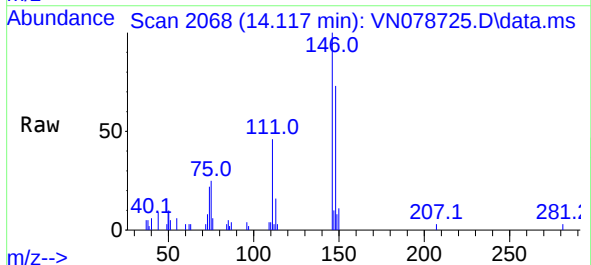
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

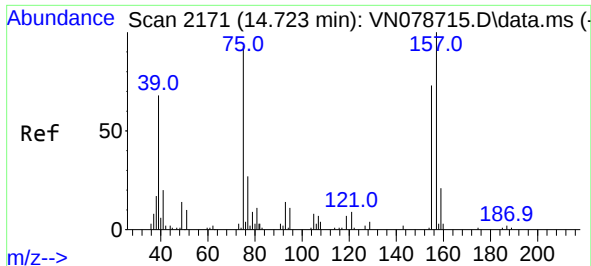
Tgt Ion:117 Resp: 8813
Ion Ratio Lower Upper
117 100
201 76.3 34.2 102.6



#87
1,2-Dichlorobenzene
Concen: 1.585 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.005 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:146 Resp: 16226
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.3
148 69.1 33.4 100.1

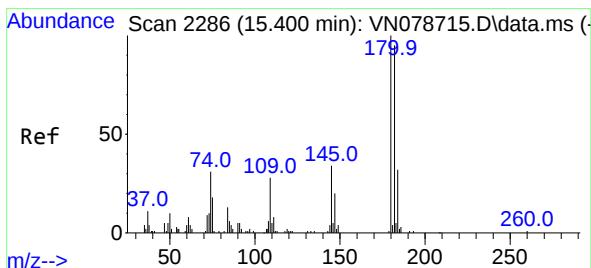
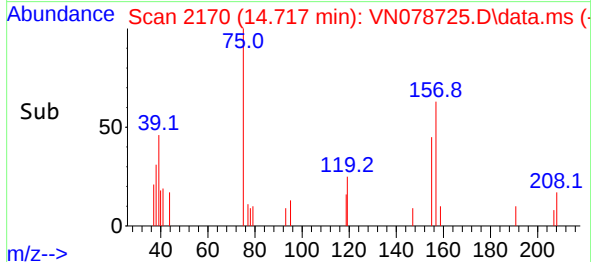
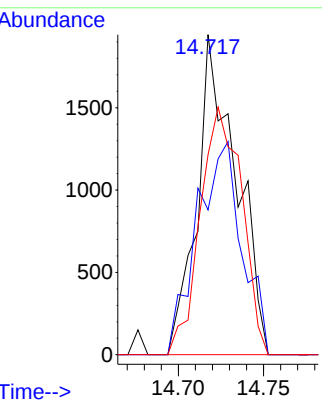
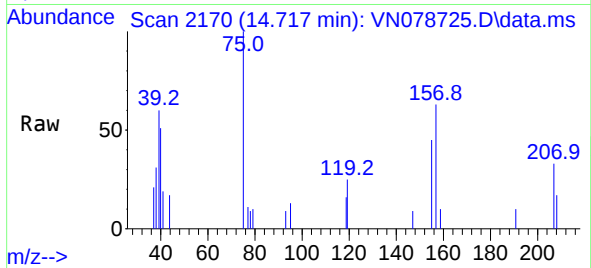




#88
1,2-Dibromo-3-Chloropropane
Concen: 2.226 ug/l
RT: 14.717 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

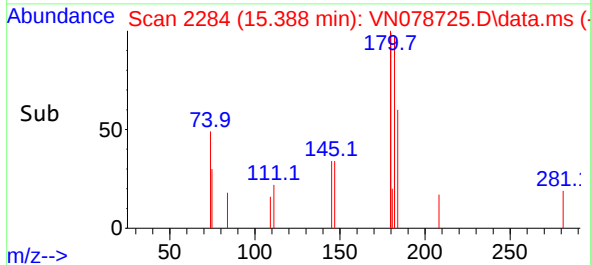
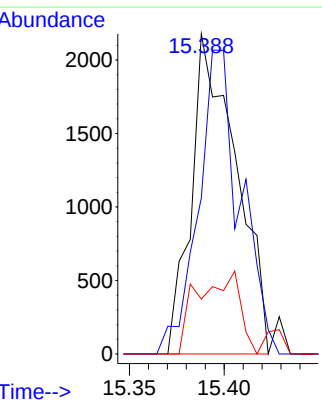
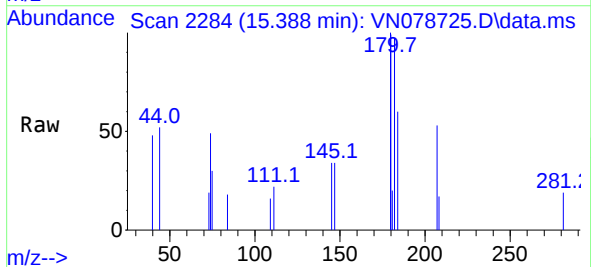
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

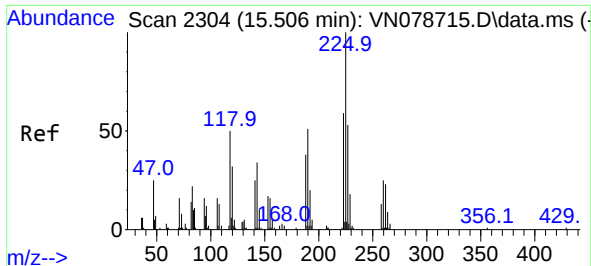
Tgt Ion: 75 Resp: 3091
Ion Ratio Lower Upper
75 100
155 76.7 68.2 102.2
157 82.4 84.7 127.1#



#89
1,2,4-Trichlorobenzene
Concen: 1.227 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.012 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 180 Resp: 3585
Ion Ratio Lower Upper
180 100
182 89.3 73.7 110.5
145 8.4 25.0 37.6#

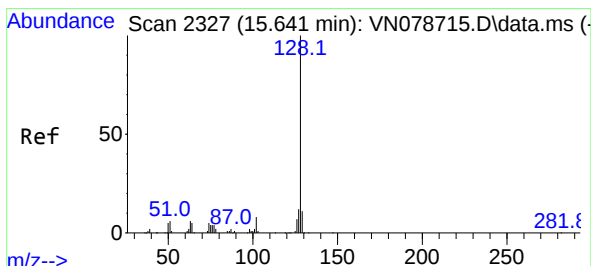
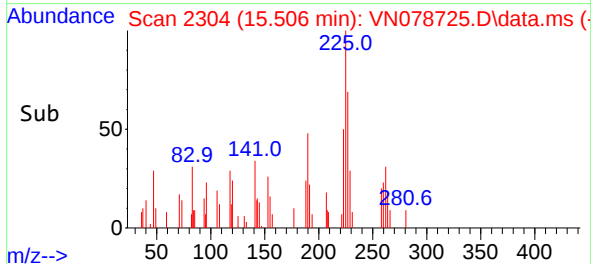
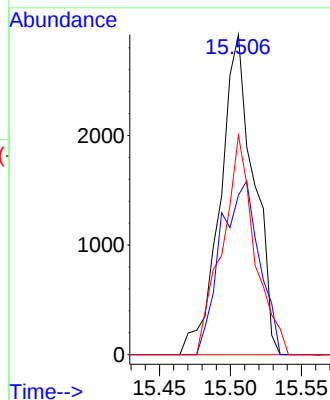
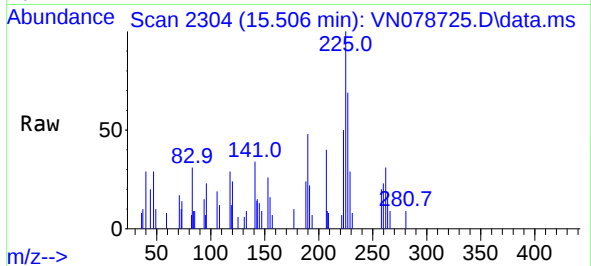




#90
Hexachlorobutadiene
Concen: 2.159 ug/l
RT: 15.506 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

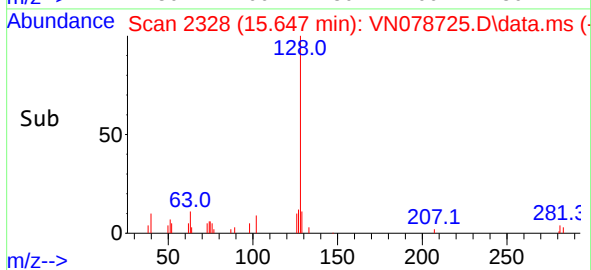
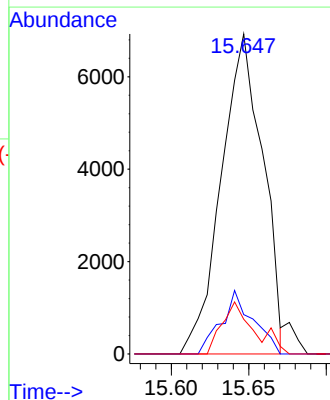
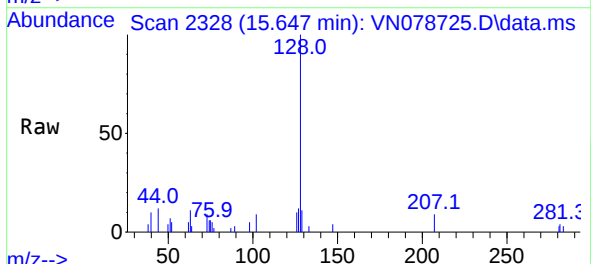
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

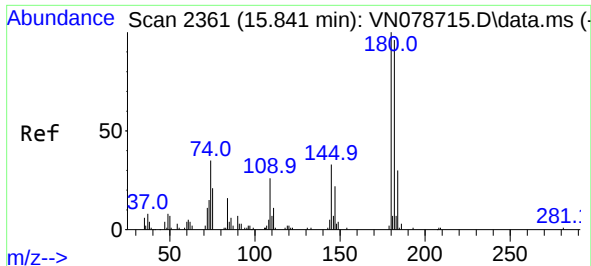
Tgt Ion:	225	Resp:	4806
Ion	Ratio	Lower	Upper
225	100		
223	62.6	0.0	130.0
227	66.3	0.0	124.0



#91
Naphthalene
Concen: 1.456 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

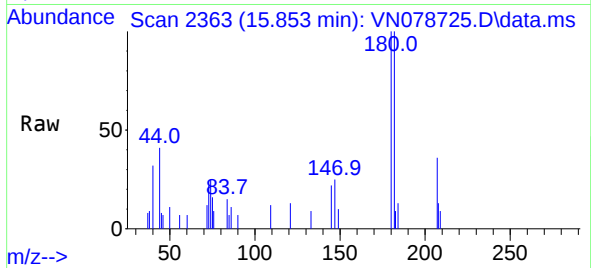
Tgt Ion:	128	Resp:	12886
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.2	15.2
129	10.7	9.0	13.4





#92
 1,2,3-Trichlorobenzene
 Concen: 1.488 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN078725.D
 Acq: 01 Aug 2023 19:25

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023



Tgt Ion:	180	Resp:	4947
Ion	Ratio	Lower	Upper
180	100		
182	74.9	0.0	196.4
145	10.4	0.0	71.0

