

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076754.D
 Acq On : 21 Feb 2023 16:49
 Operator : JC\MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 22 04:12:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	232821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	447439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	384579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	147748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	194782	60.587	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.180%	
35) Dibromofluoromethane	8.172	113	147544	50.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.700%	
50) Toluene-d8	10.566	98	547297	50.014	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	12.848	95	158616	43.764	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	1196	0.484	ug/l	100
3) Chloromethane	2.378	50	1733	0.537	ug/l #	60
4) Vinyl Chloride	2.525	62	1650	0.520	ug/l #	88
5) Bromomethane	2.960	94	2275	1.183	ug/l #	53
6) Chloroethane	3.119	64	867	0.432	ug/l #	44
7) Trichlorofluoromethane	3.501	101	2101	0.486	ug/l #	73
9) 1,1,2-Trichlorotrifluo...	4.384	101	655	0.258	ug/l #	84
10) Methyl Iodide	4.601	142	1170	0.373	ug/l #	41
11) Tert butyl alcohol	5.536	59	790	1.862	ug/l #	71
13) Acrolein	4.189	56	1985	3.116	ug/l	84
15) Acrylonitrile	5.742	53	3828	2.542	ug/l #	68
16) Acetone	4.454	43	2464	1.716	ug/l #	58
17) Carbon Disulfide	4.731	76	2685	0.423	ug/l #	73
18) Methyl Acetate	5.042	43	1616	0.345	ug/l #	85
19) Methyl tert-butyl Ether	5.807	73	3536	0.436	ug/l #	90
20) Methylene Chloride	5.284	84	2512	0.835	ug/l #	78
22) Diisopropyl ether	6.672	45	2285	0.234	ug/l #	46
23) Vinyl Acetate	6.619	43	11617	2.010	ug/l #	82
24) 1,1-Dichloroethane	6.572	63	2548	0.476	ug/l #	81
25) 2-Butanone	7.495	43	5916	2.793	ug/l	97
26) 2,2-Dichloropropane	7.513	77	1598	0.414	ug/l #	52
27) cis-1,2-Dichloroethene	7.495	96	1402	0.437	ug/l	82
28) Bromochloromethane	7.825	49	1547	0.607	ug/l #	92
29) Tetrahydrofuran	7.866	42	3079	2.225	ug/l #	80
30) Chloroform	7.966	83	2781	0.520	ug/l	90
31) Cyclohexane	8.230	56	8838	1.753	ug/l #	3
32) 1,1,1-Trichloroethane	8.189	97	2096	0.466	ug/l #	52
36) 1,1-Dichloropropene	8.366	75	1097	0.259	ug/l #	70
37) Ethyl Acetate	7.583	43	2084	0.468	ug/l #	71
39) Methylcyclohexane	9.601	83	1832	0.381	ug/l #	86
40) Benzene	8.619	78	6037	0.464	ug/l #	89
41) Methacrylonitrile	7.789	41	933	0.362	ug/l #	78
42) 1,2-Dichloroethane	8.683	62	2467	0.544	ug/l	80
43) Isopropyl Acetate	8.689	43	3068	0.423	ug/l #	72
44) Trichloroethene	9.360	130	1176	0.383	ug/l	33
45) 1,2-Dichloropropane	9.630	63	1850	0.538	ug/l	95

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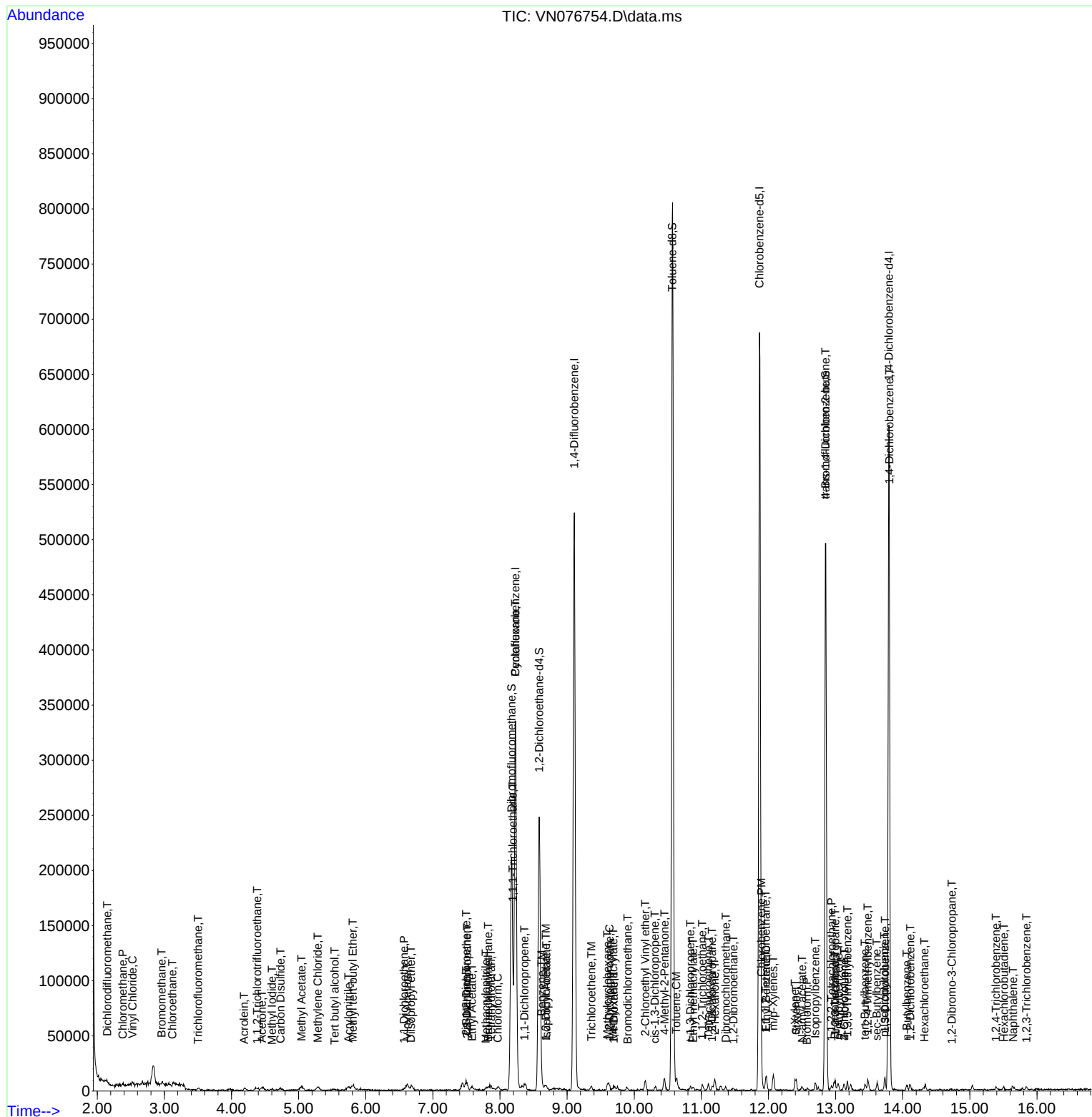
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
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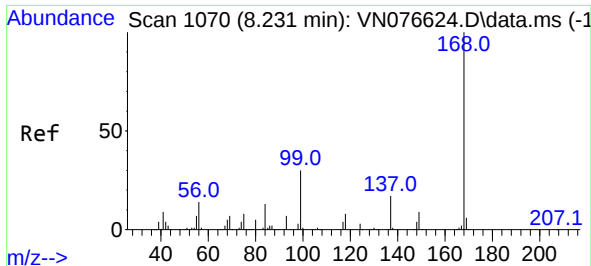
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	9.901	83	2117	0.480	ug/l #	61
48) Methyl methacrylate	9.689	41	1117	0.325	ug/l #	85
49) 1,4-Dioxane	9.695	88	388	6.521	ug/l #	68
51) 4-Methyl-2-Pentanone	10.454	43	7846	1.701	ug/l	97
52) Toluene	10.624	92	3070	0.391	ug/l	89
53) t-1,3-Dichloropropene	10.836	75	1656	0.389	ug/l #	75
54) cis-1,3-Dichloropropene	10.307	75	1465	0.298	ug/l #	58
55) 1,1,2-Trichloroethane	11.013	97	1610	0.504	ug/l #	73
56) Ethyl methacrylate	10.877	69	1540	0.343	ug/l #	73
57) 1,3-Dichloropropane	11.160	76	2575	0.470	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.166	63	3494	1.698	ug/l #	77
59) 2-Hexanone	11.201	43	6460	1.943	ug/l	99
60) Dibromochloromethane	11.366	129	1239	0.368	ug/l	94
61) 1,2-Dibromoethane	11.477	107	1388	0.434	ug/l	93
64) Tetrachloroethene	11.107	164	1061	0.438	ug/l #	75
65) Chlorobenzene	11.895	112	3662	0.449	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.960	131	1450	0.490	ug/l #	64
67) Ethyl Benzene	11.965	91	5794	0.417	ug/l #	73
68) m/p-Xylenes	12.071	106	4221	0.789	ug/l	92
69) o-Xylene	12.395	106	2086	0.400	ug/l	91
70) Styrene	12.413	104	3009	0.356	ug/l	90
71) Bromoform	12.571	173	528	0.243	ug/l #	28
73) Isopropylbenzene	12.695	105	4563	0.421	ug/l	95
74) N-amyl acetate	12.501	43	1801	0.369	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.936	83	1742	0.444	ug/l #	76
76) 1,2,3-Trichloropropane	12.995	75	2668	0.893	ug/l	49
77) Bromobenzene	12.989	156	1426	0.528	ug/l	91
78) n-propylbenzene	13.042	91	5013	0.394	ug/l	94
79) 2-Chlorotoluene	13.130	91	3402	0.437	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	3006	0.336	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.848	75	88932	86.715	ug/l #	4
82) 4-Chlorotoluene	13.130	91	3402	0.437	ug/l	98
83) tert-Butylbenzene	13.436	119	3361	0.415	ug/l	95
84) 1,2,4-Trimethylbenzene	13.477	105	3274	0.367	ug/l	92
85) sec-Butylbenzene	13.612	105	4372	0.387	ug/l	96
86) p-Isopropyltoluene	13.724	119	3351	0.371	ug/l	93
87) 1,3-Dichlorobenzene	13.736	146	2776	0.544	ug/l #	66
88) 1,4-Dichlorobenzene	13.801	146	3159	0.621	ug/l #	31
89) n-Butylbenzene	14.059	91	3290	0.419	ug/l	91
90) Hexachloroethane	14.324	117	1052	0.557	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	1780	0.340	ug/l	75
92) 1,2-Dibromo-3-Chloropr...	14.730	75	317	0.417	ug/l #	38
93) 1,2,4-Trichlorobenzene	15.389	180	742	0.284	ug/l	74
94) Hexachlorobutadiene	15.506	225	460	0.359	ug/l #	70
95) Naphthalene	15.642	128	2818	0.356	ug/l	96
96) 1,2,3-Trichlorobenzene	15.842	180	1440	0.569	ug/l #	48

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

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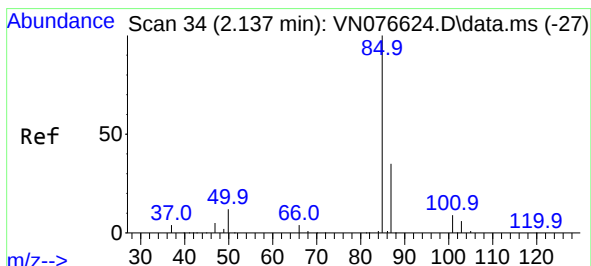
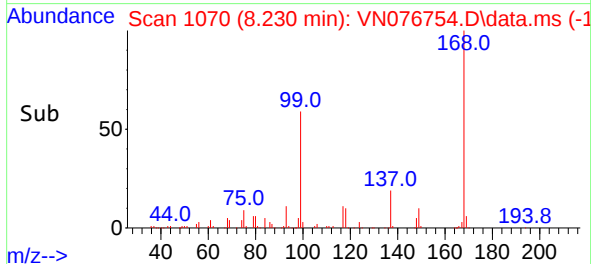
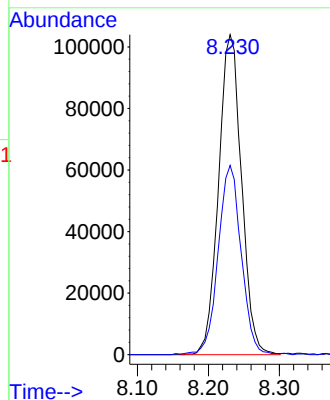
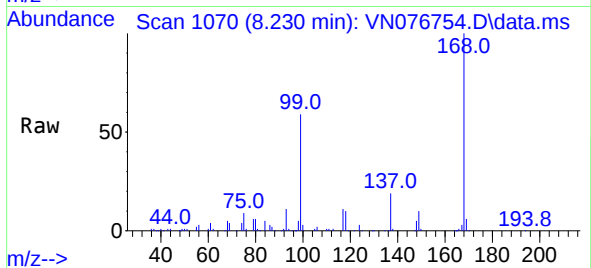




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
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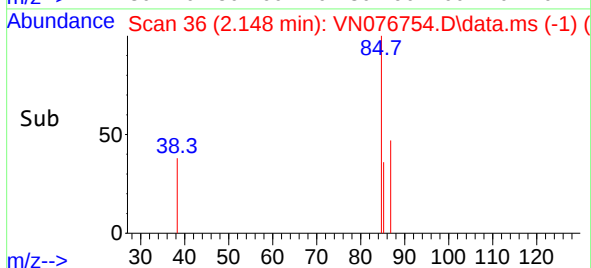
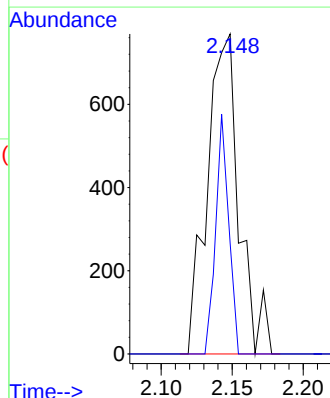
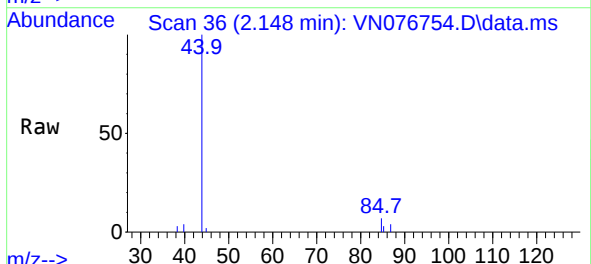
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:168 Resp: 232821
Ion Ratio Lower Upper
168 100
99 58.9 44.8 67.2

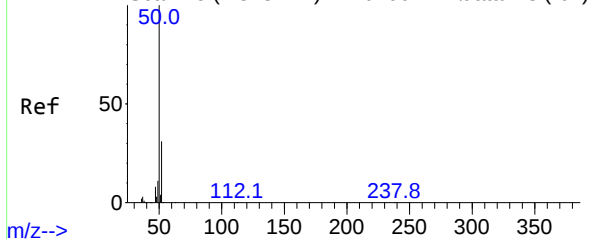


#2
Dichlorodifluoromethane
Concen: 0.484 ug/l
RT: 2.148 min Scan# 36
Delta R.T. 0.011 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 85 Resp: 1196
Ion Ratio Lower Upper
85 100
87 34.7 17.4 52.2



Abundance Scan 75 (2.378 min): VN076624.D\data.ms (-67)



#3

Chloromethane

Concen: 0.537 ug/l

RT: 2.378 min Scan# 75

Delta R.T. -0.000 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

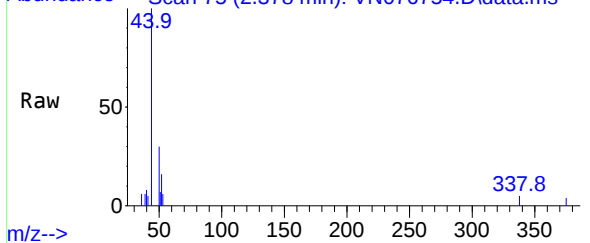
Tgt Ion: 50 Resp: 1733

Ion Ratio Lower Upper

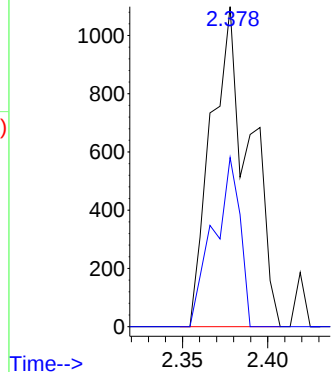
50 100

52 52.9 24.7 37.1#

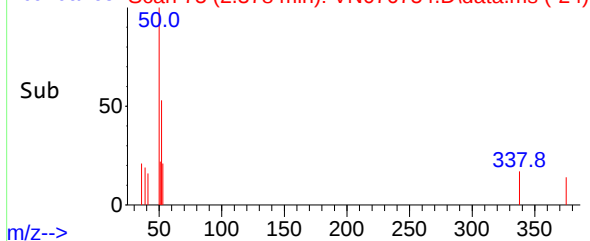
Abundance Scan 75 (2.378 min): VN076754.D\data.ms



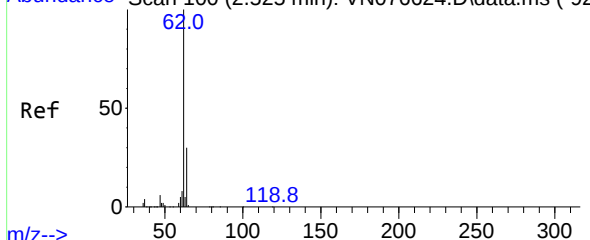
Abundance



Abundance Scan 75 (2.378 min): VN076754.D\data.ms (-24)



Abundance Scan 100 (2.525 min): VN076624.D\data.ms (-92)



#4

Vinyl Chloride

Concen: 0.520 ug/l

RT: 2.525 min Scan# 100

Delta R.T. -0.000 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

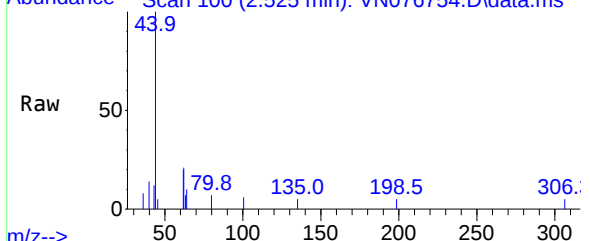
Tgt Ion: 62 Resp: 1650

Ion Ratio Lower Upper

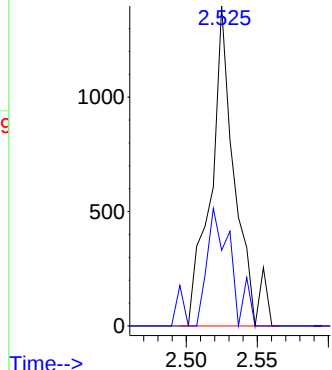
62 100

64 23.7 23.9 35.9#

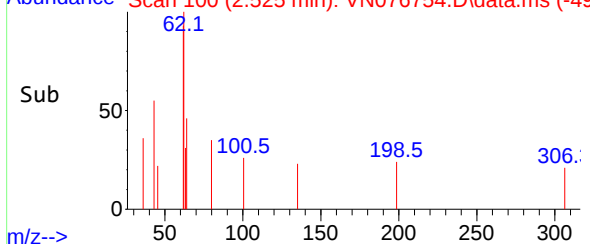
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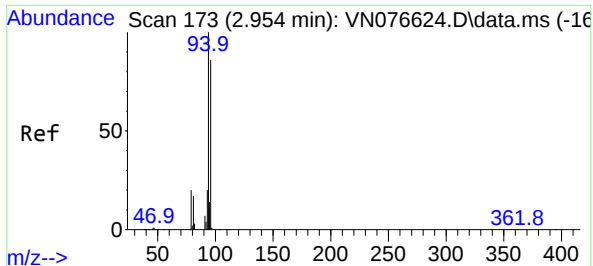


Abundance



Abundance Scan 100 (2.525 min): VN076754.D\data.ms (-49)

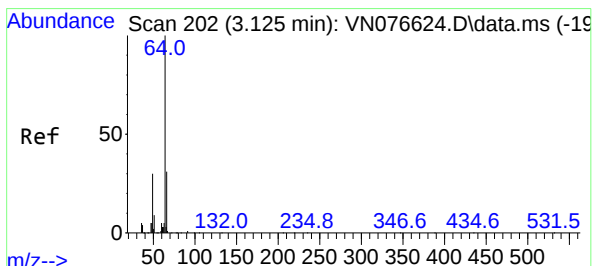
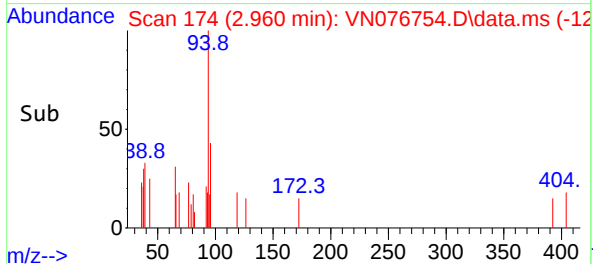
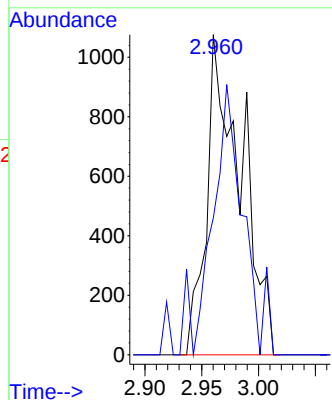
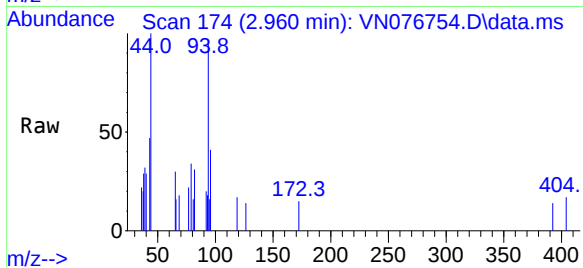




#5
Bromomethane
Concen: 1.183 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

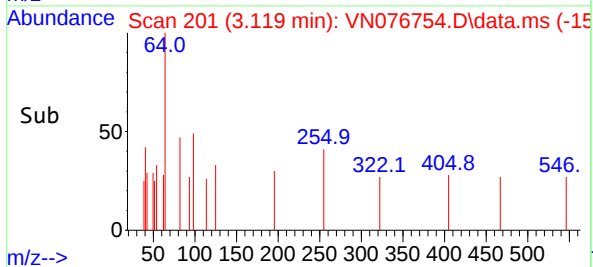
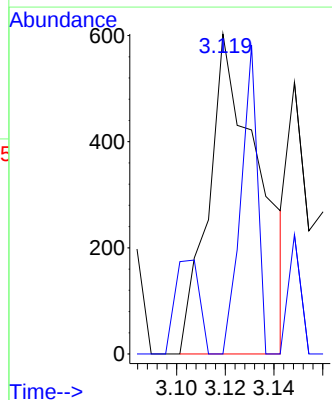
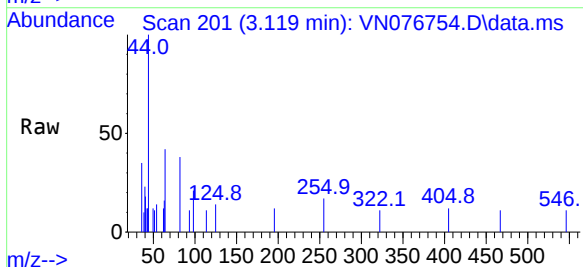
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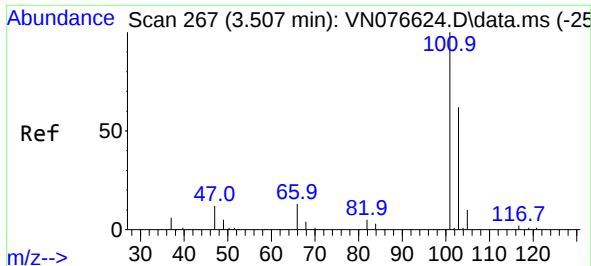
Tgt Ion: 94 Resp: 2275
Ion Ratio Lower Upper
94 100
96 42.8 69.0 103.4#



#6
Chloroethane
Concen: 0.432 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 64 Resp: 867
Ion Ratio Lower Upper
64 100
66 0.0 24.6 37.0#

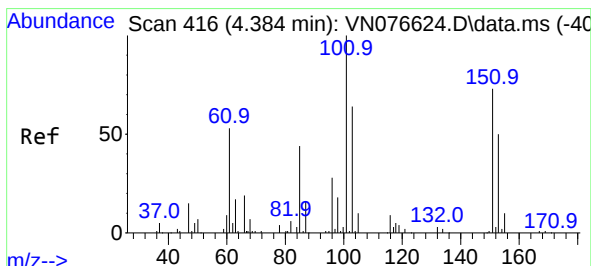
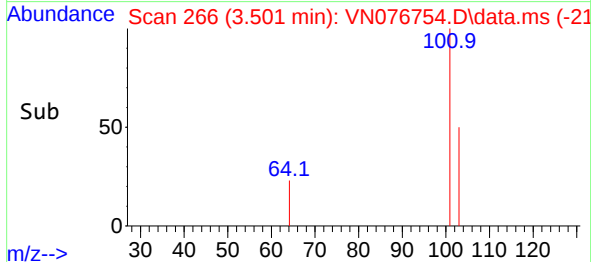
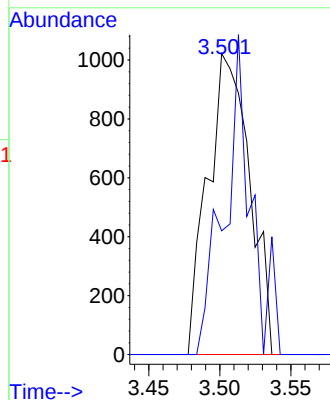
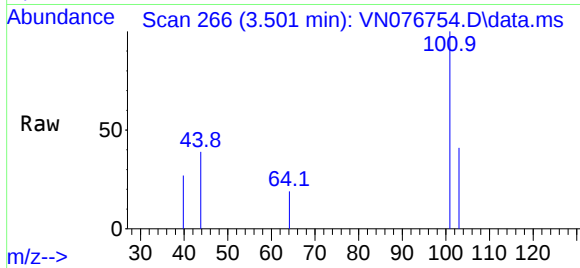




#7
 Trichlorofluoromethane
 Concen: 0.486 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN076754.D
 Acq: 21 Feb 2023 16:49

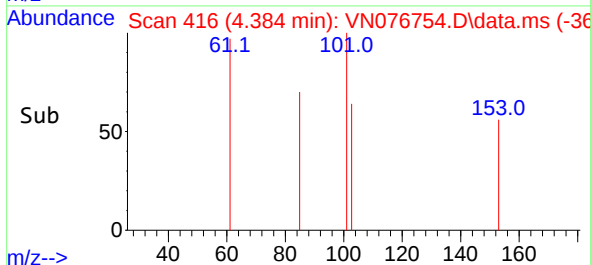
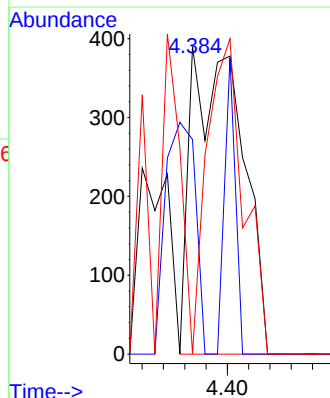
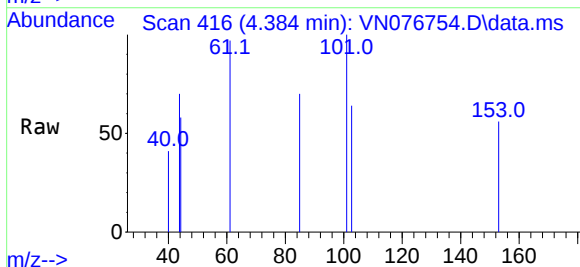
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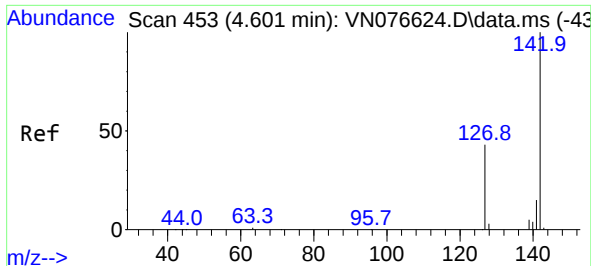
Tgt Ion:101 Resp: 2101
 Ion Ratio Lower Upper
 101 100
 103 41.1 49.4 74.2#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.258 ug/l
 RT: 4.384 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VN076754.D
 Acq: 21 Feb 2023 16:49

Tgt Ion:101 Resp: 655
 Ion Ratio Lower Upper
 101 100
 85 44.0 37.4 56.0
 151 53.7 58.7 88.1#

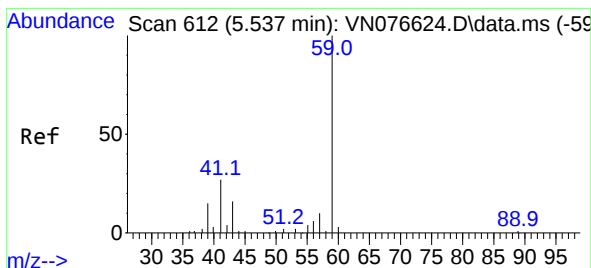
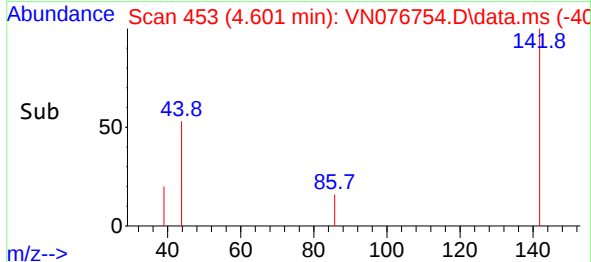
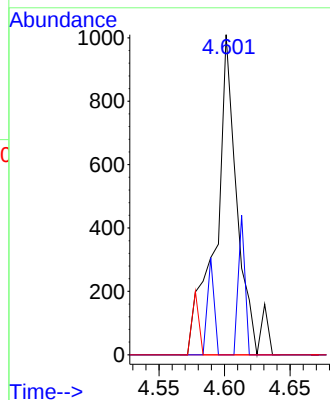
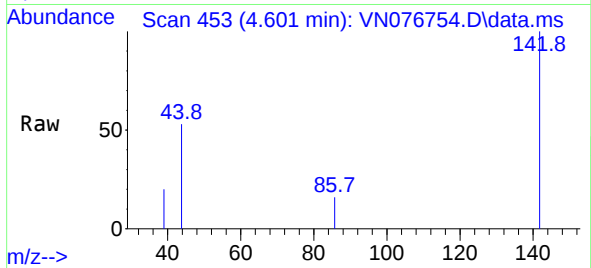




#10
Methyl Iodide
Concen: 0.373 ug/l
RT: 4.601 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

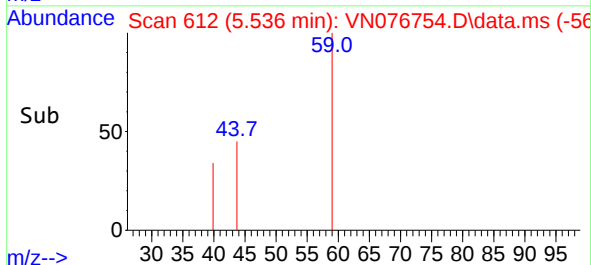
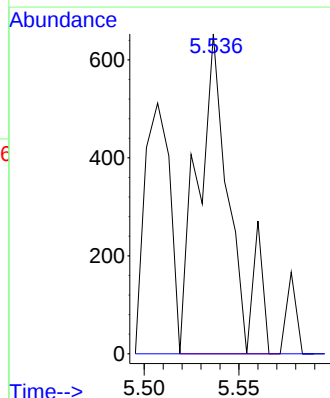
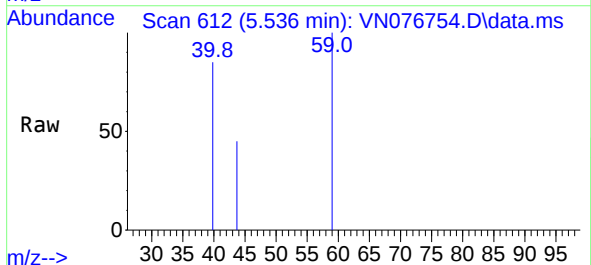
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

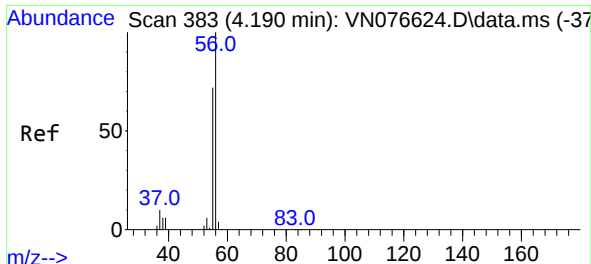
Tgt Ion:142	Resp:	1170
Ion	Ratio	Lower Upper
142	100	
127	0.0	34.6 51.8#
141	0.0	11.7 17.5#



#11
Tert butyl alcohol
Concen: 1.862 ug/l
RT: 5.536 min Scan# 612
Delta R.T. -0.001 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 59	Resp:	790
Ion	Ratio	Lower Upper
59	100	
57	0.0	8.7 13.1#

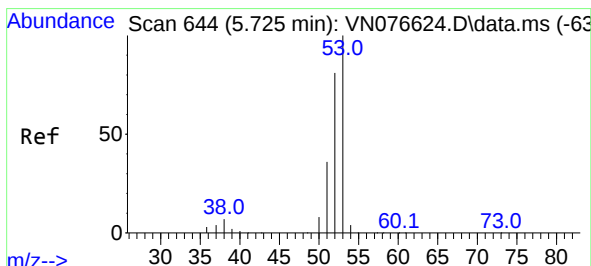
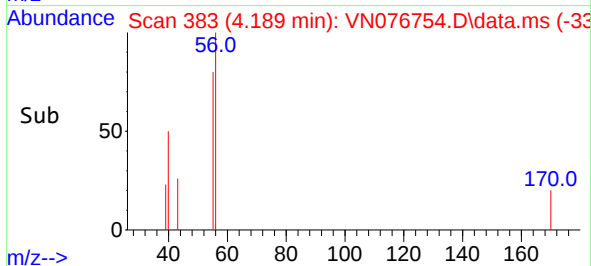
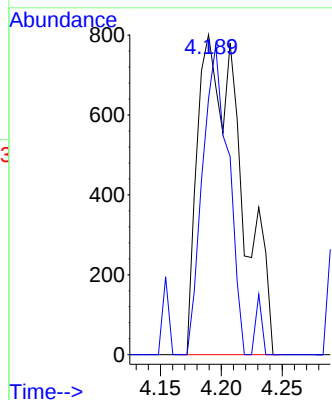
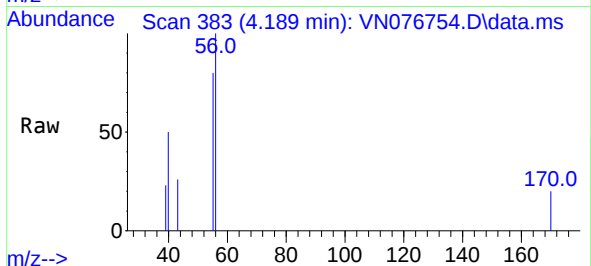




#13
Acrolein
Concen: 3.116 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.001 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

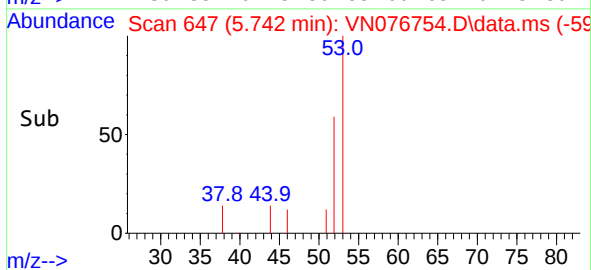
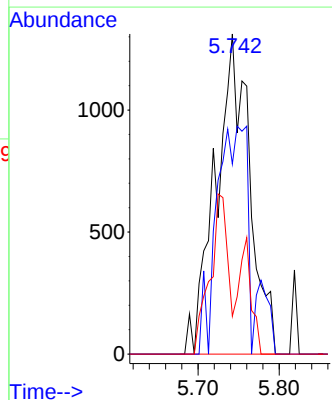
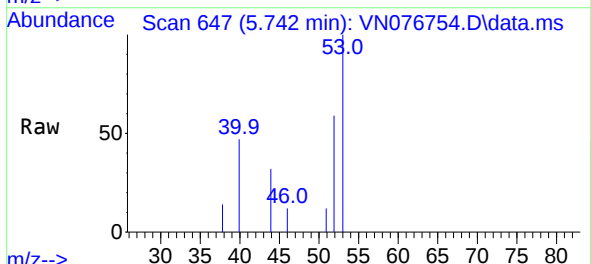
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

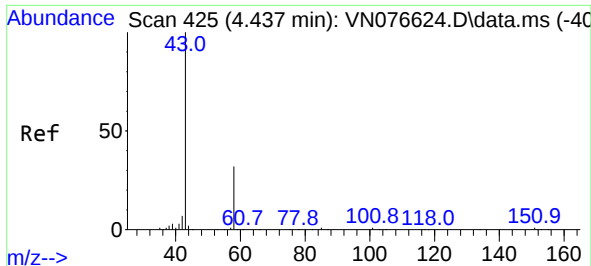
Tgt Ion: 56 Resp: 1985
Ion Ratio Lower Upper
56 100
55 57.6 56.3 84.5



#15
Acrylonitrile
Concen: 2.542 ug/l
RT: 5.742 min Scan# 647
Delta R.T. 0.017 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 53 Resp: 3828
Ion Ratio Lower Upper
53 100
52 65.2 65.3 97.9#
51 0.0 29.2 43.8#

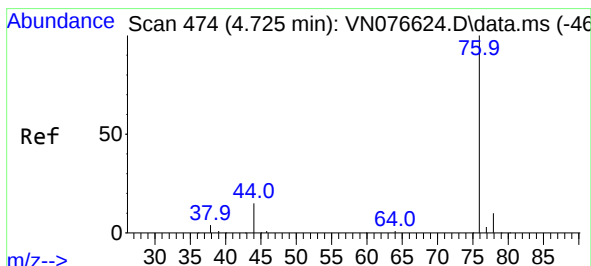
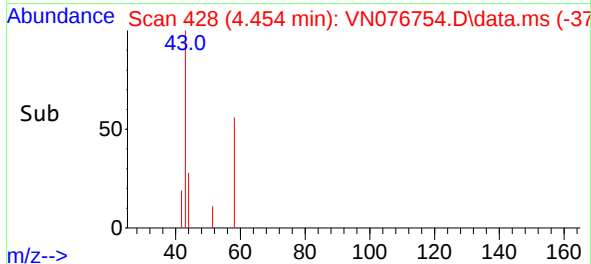
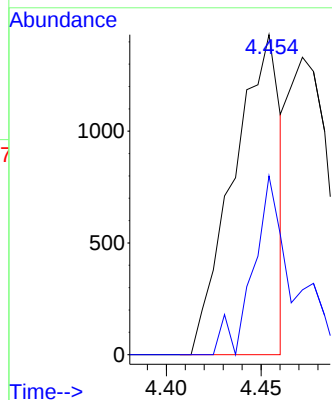
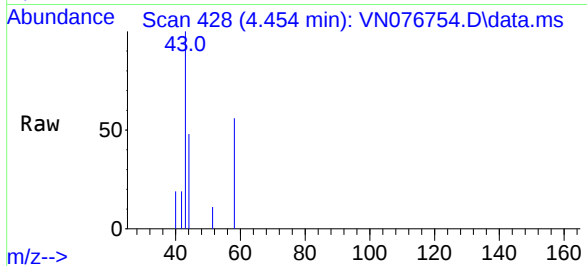




#16
Acetone
Concen: 1.716 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

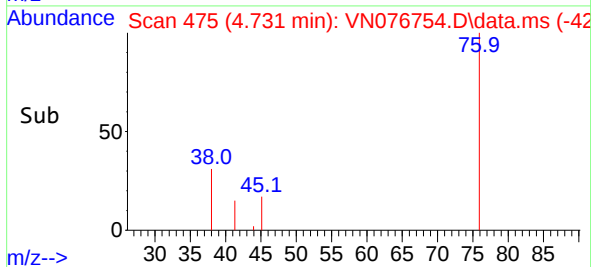
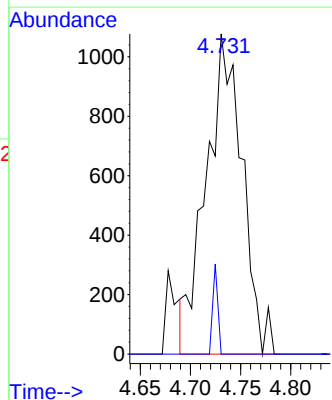
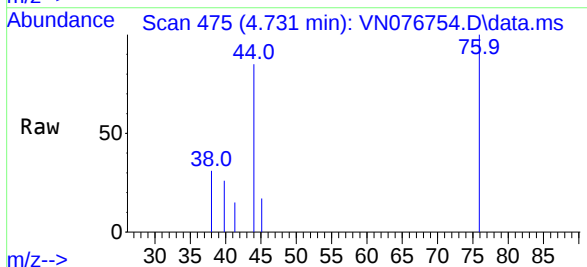
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

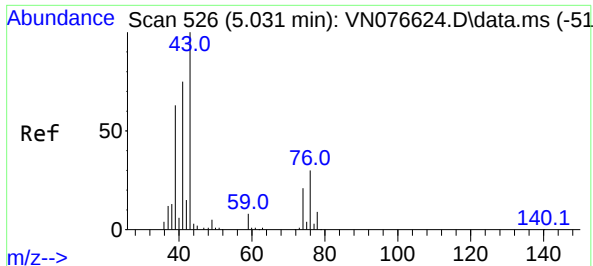
Tgt Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
58 55.9 25.9 38.9#



#17
Carbon Disulfide
Concen: 0.423 ug/l
RT: 4.731 min Scan# 475
Delta R.T. 0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 76 Resp: 2685
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#

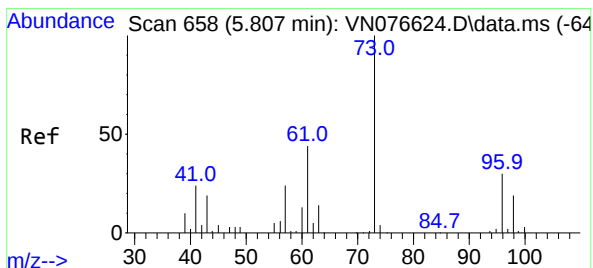
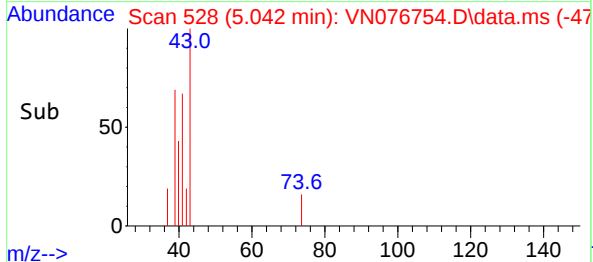
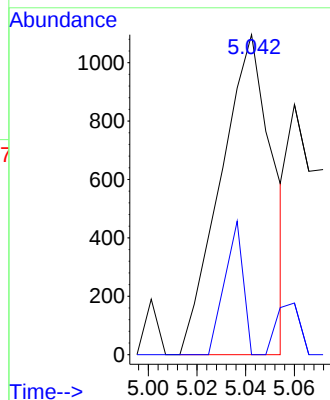
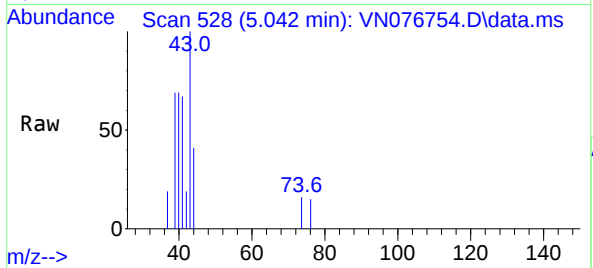




#18
Methyl Acetate
Concen: 0.345 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

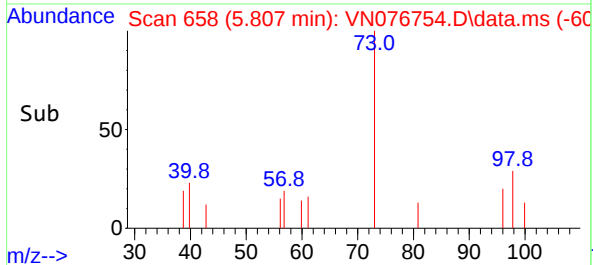
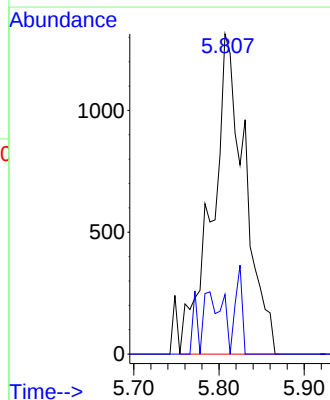
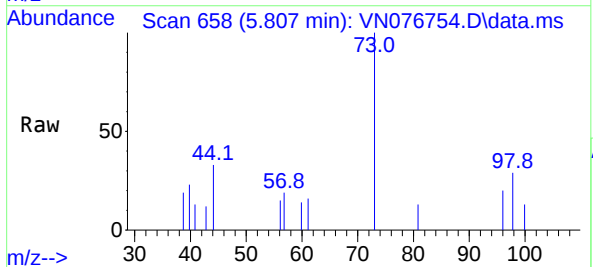
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

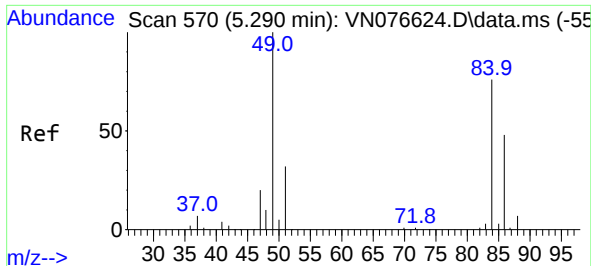
Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
74 15.0 17.7 26.5#



#19
Methyl tert-butyl Ether
Concen: 0.436 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

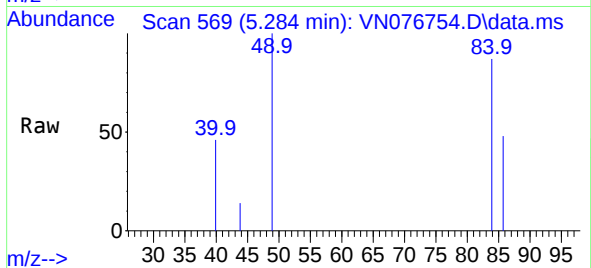
Tgt Ion: 73 Resp: 3536
Ion Ratio Lower Upper
73 100
57 18.6 19.0 28.4#





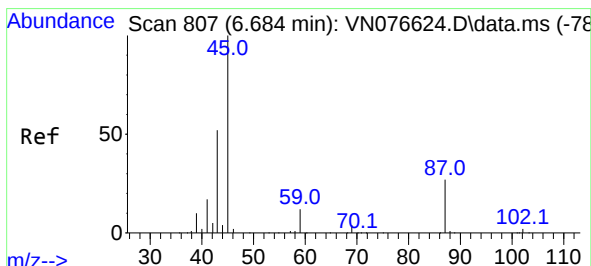
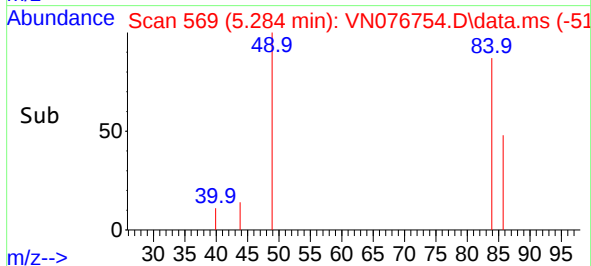
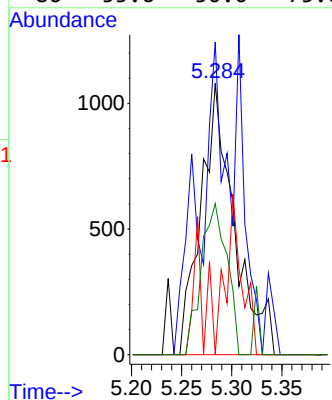
#20
Methylene Chloride
Concen: 0.835 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 84 Resp: 2512

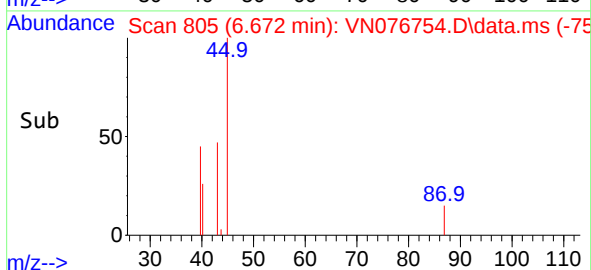
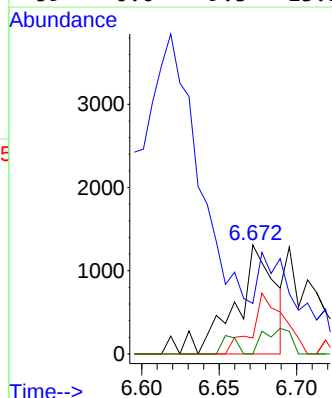
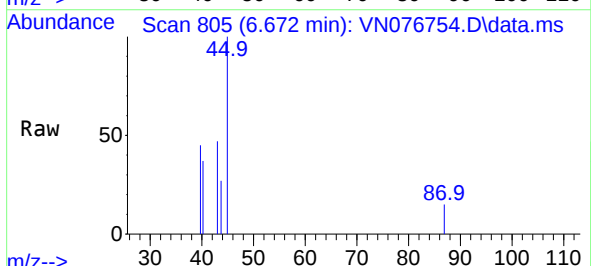
Ion	Ratio	Lower	Upper
84	100		
49	115.1	104.9	157.3
51	0.0	33.8	50.8#
86	55.6	50.0	75.0

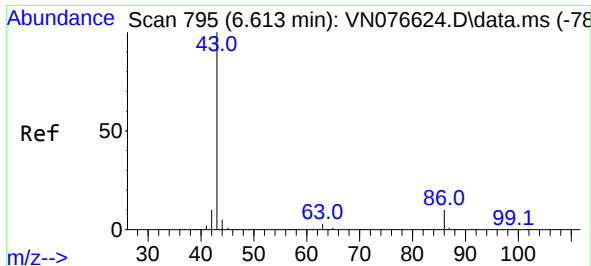


#22
Diisopropyl ether
Concen: 0.234 ug/l
RT: 6.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 45 Resp: 2285

Ion	Ratio	Lower	Upper
45	100		
43	0.0	41.8	62.6#
87	14.7	21.8	32.8#
59	0.0	9.3	13.9#

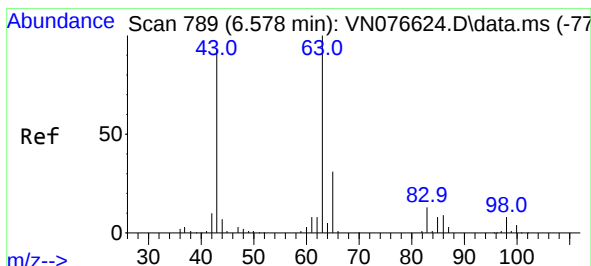
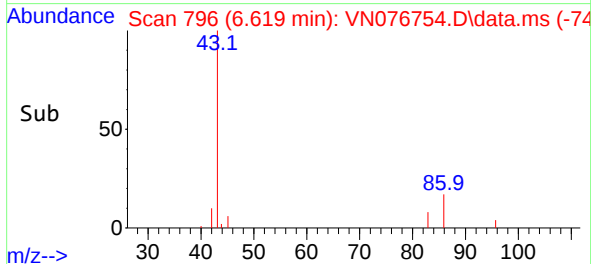
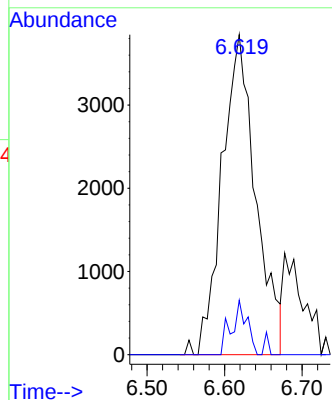
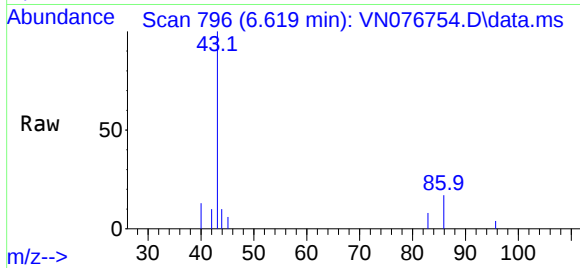




#23
 Vinyl Acetate
 Concen: 2.010 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN076754.D
 Acq: 21 Feb 2023 16:49

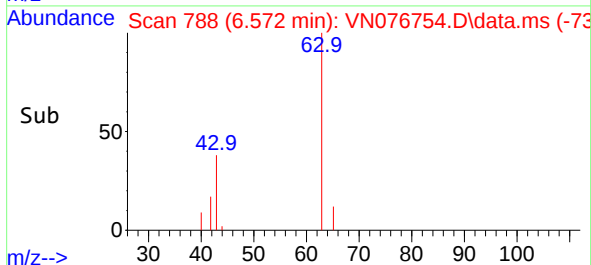
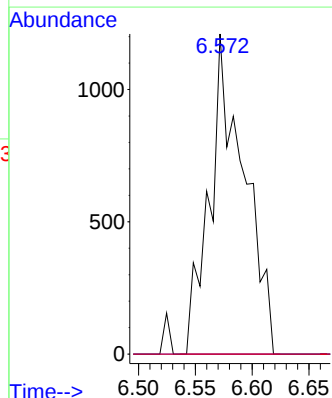
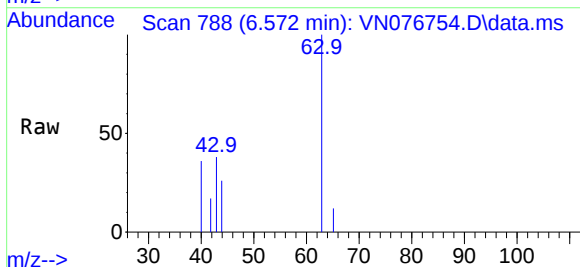
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

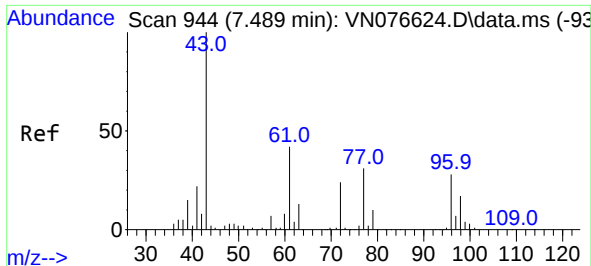
Tgt Ion: 43 Resp: 11617
 Ion Ratio Lower Upper
 43 100
 86 17.0 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 0.476 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN076754.D
 Acq: 21 Feb 2023 16:49

Tgt Ion: 63 Resp: 2548
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.1 12.3#
 100 0.0 2.0 5.8#





#25

2-Butanone

Concen: 2.793 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

Instrument :

MSVOA_N

ClientSampleId :

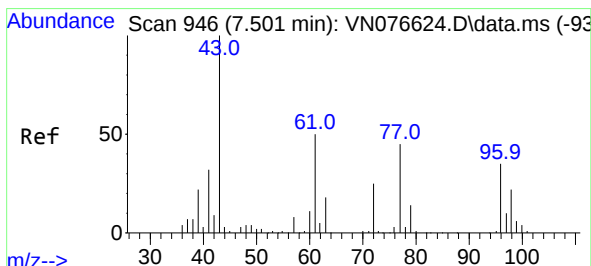
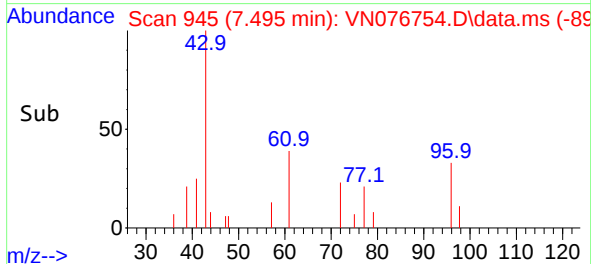
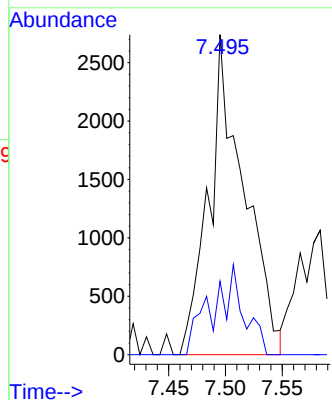
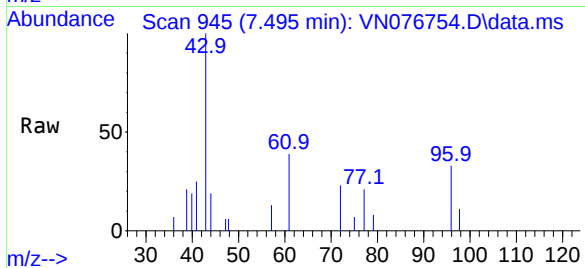
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 5916

Ion Ratio Lower Upper

43 100

72 22.9 19.4 29.2



#26

2,2-Dichloropropane

Concen: 0.414 ug/l

RT: 7.513 min Scan# 948

Delta R.T. 0.012 min

Lab File: VN076754.D

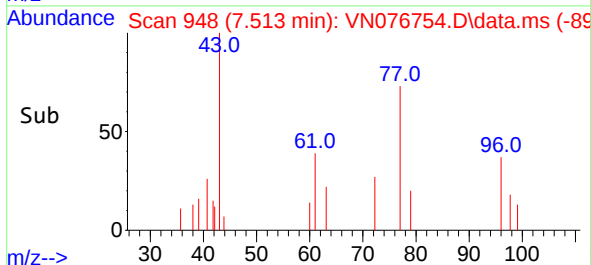
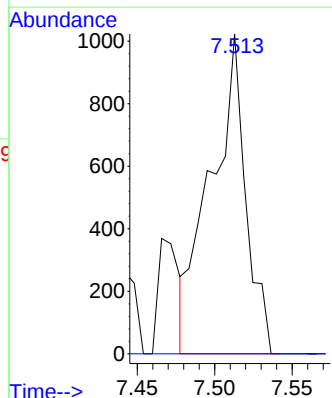
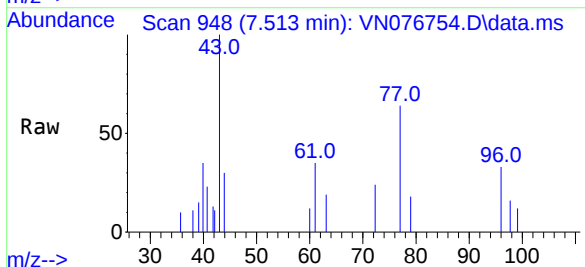
Acq: 21 Feb 2023 16:49

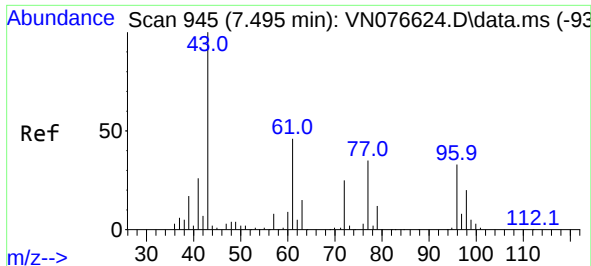
Tgt Ion: 77 Resp: 1598

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#

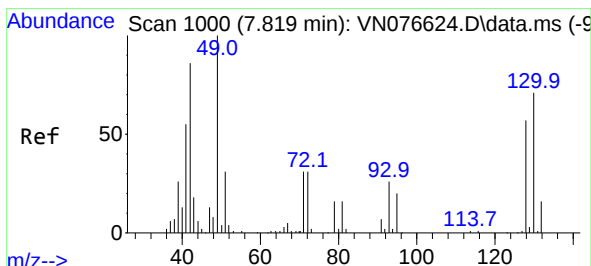
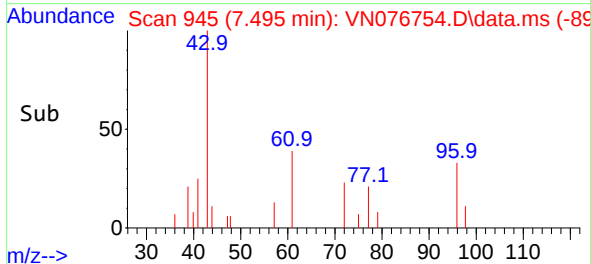
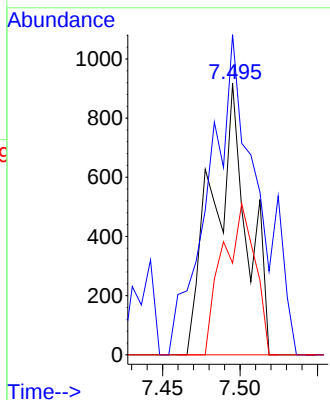
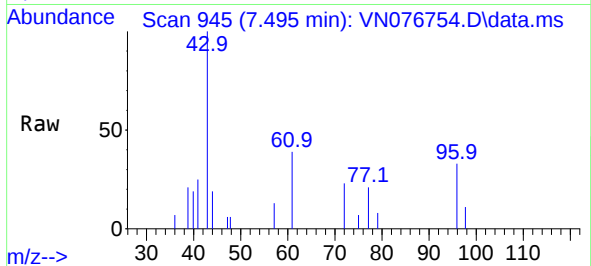




#27
cis-1,2-Dichloroethene
Concen: 0.437 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

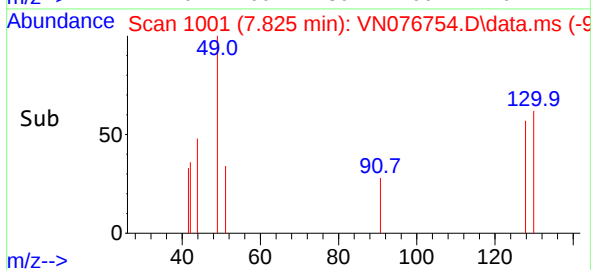
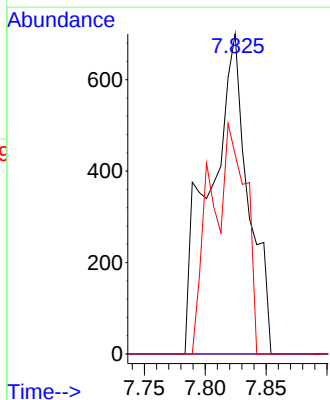
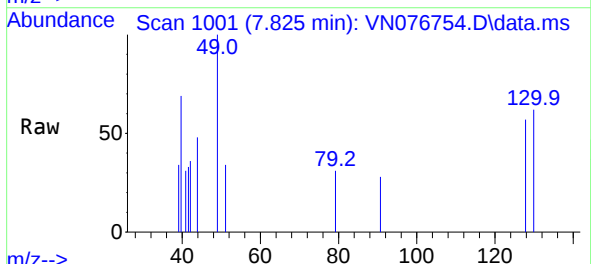
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

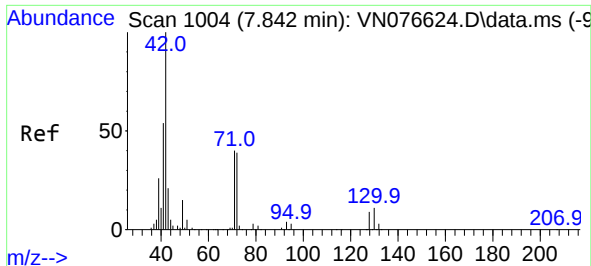
Tgt Ion:	96	Resp:	1402
Ion	Ratio	Lower	Upper
96	100		
61	168.2	0.0	286.8
98	52.6	0.0	124.0



#28
Bromochloromethane
Concen: 0.607 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion:	49	Resp:	1547
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	65.2	57.8	86.8





#29

Tetrahydrofuran

Concen: 2.225 ug/l

RT: 7.866 min Scan# 1008

Delta R.T. 0.024 min

Lab File: VN076754.D

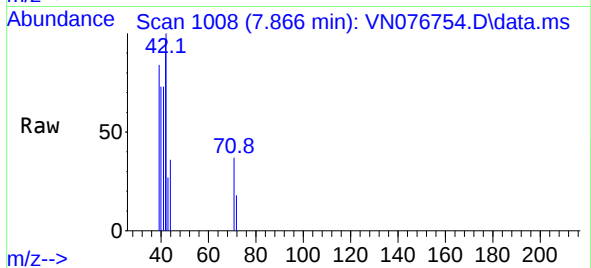
Acq: 21 Feb 2023 16:49

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



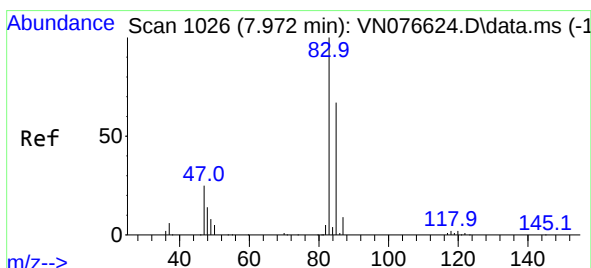
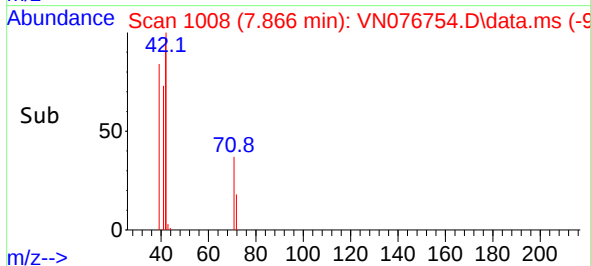
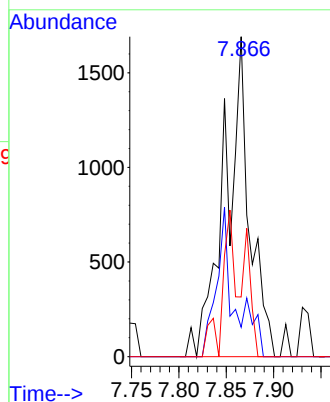
Tgt Ion: 42 Resp: 3079

Ion Ratio Lower Upper

42 100

72 26.5 31.5 47.3#

71 26.5 29.8 44.8#



#30

Chloroform

Concen: 0.520 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN076754.D

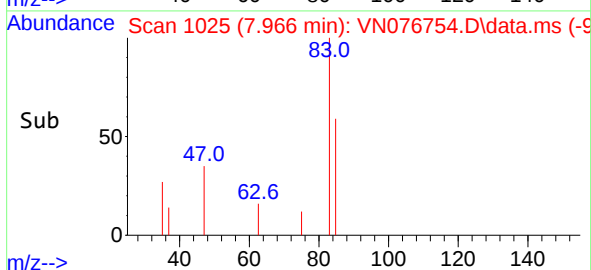
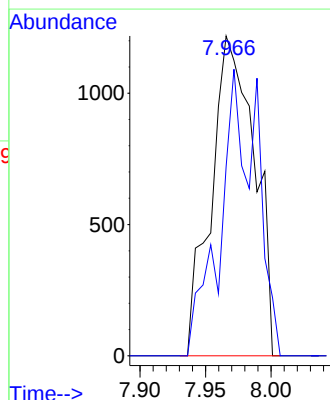
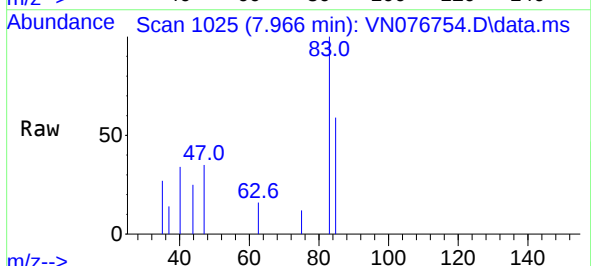
Acq: 21 Feb 2023 16:49

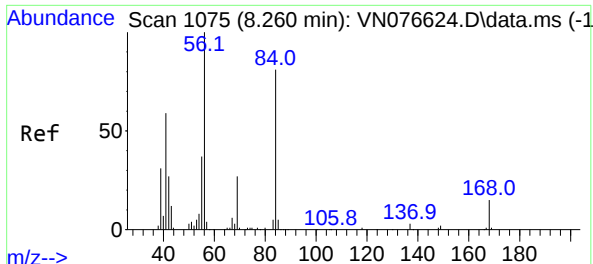
Tgt Ion: 83 Resp: 2781

Ion Ratio Lower Upper

83 100

85 59.1 53.5 80.3





#31

Cyclohexane

Concen: 1.753 ug/l

RT: 8.230 min Scan# 1075

Delta R.T. -0.030 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

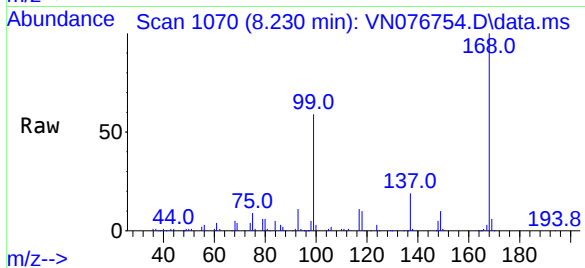
Tgt Ion: 56 Resp: 8838

Ion Ratio Lower Upper

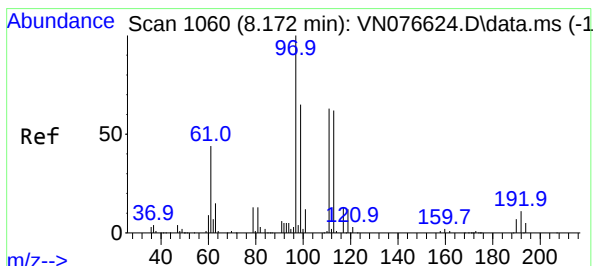
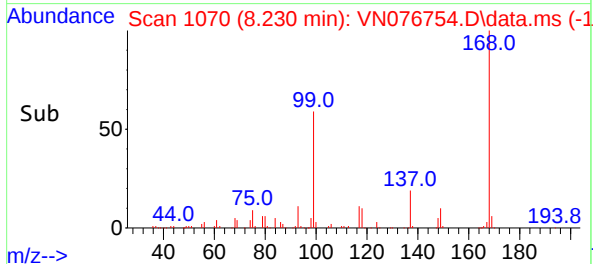
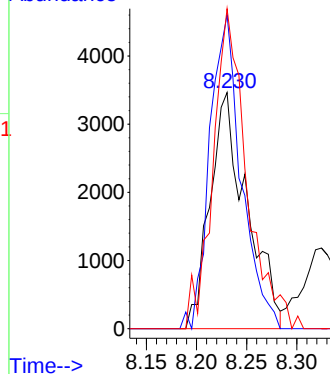
56 100

69 133.0 21.6 32.4#

84 135.5 65.1 97.7#



Abundance



#32

1,1,1-Trichloroethane

Concen: 0.466 ug/l

RT: 8.189 min Scan# 1063

Delta R.T. 0.017 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

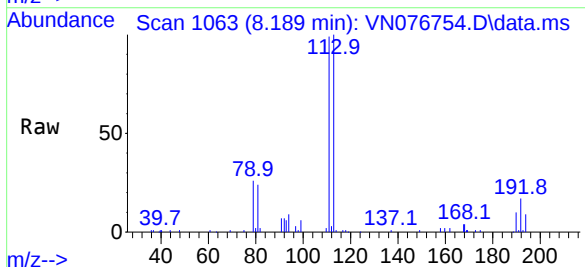
Tgt Ion: 97 Resp: 2096

Ion Ratio Lower Upper

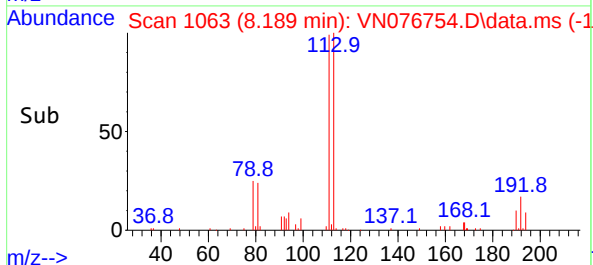
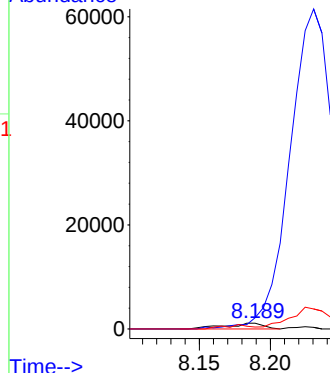
97 100

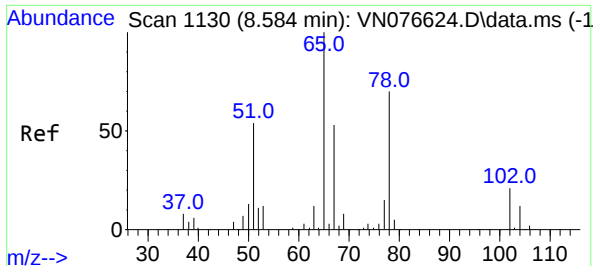
99 0.0 51.2 76.8#

61 48.9 38.2 57.2



Abundance

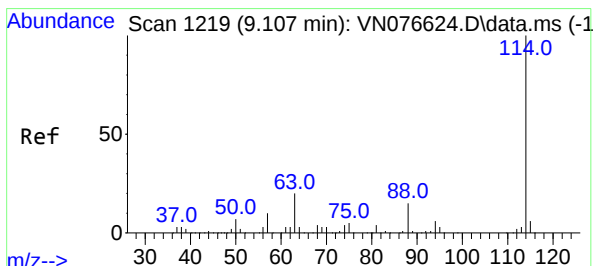
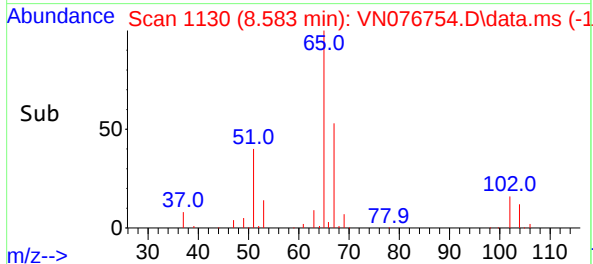
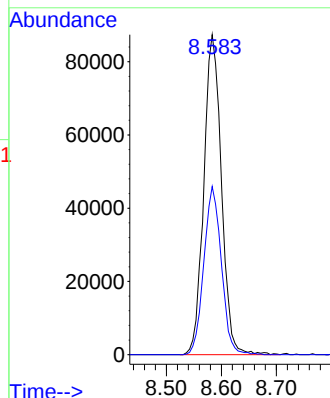
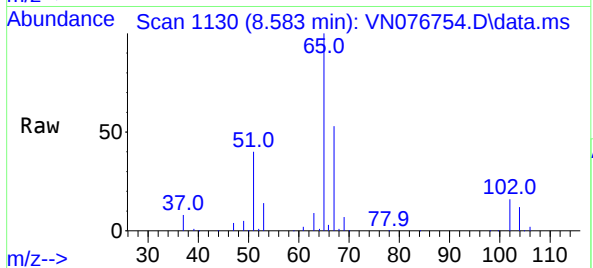




#33
1,2-Dichloroethane-d4
Concen: 60.587 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

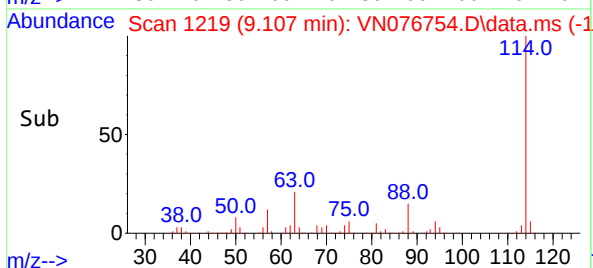
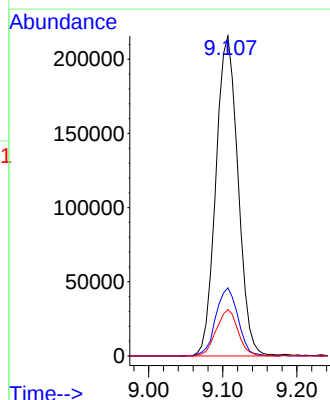
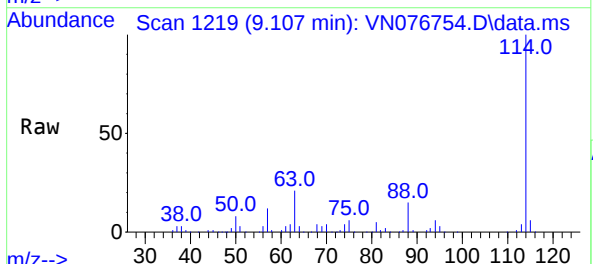
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

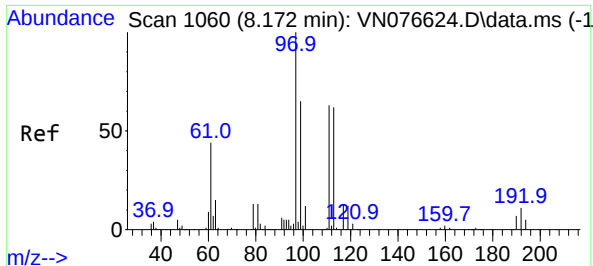
Tgt Ion: 65 Resp: 194782
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 114 Resp: 447439
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.0
88 14.5 0.0 29.6

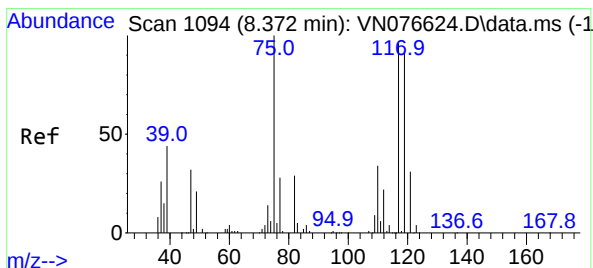
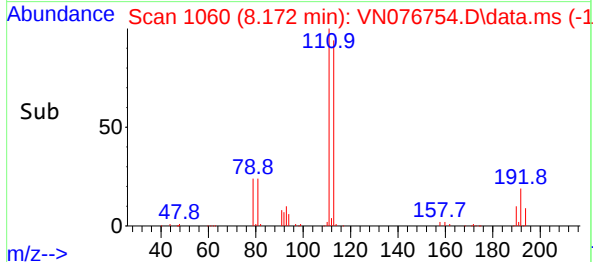
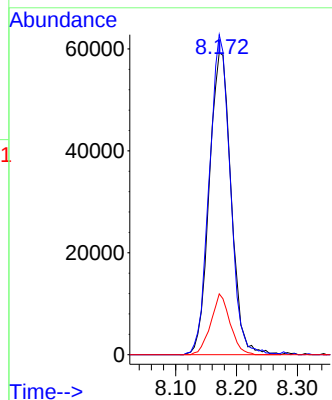
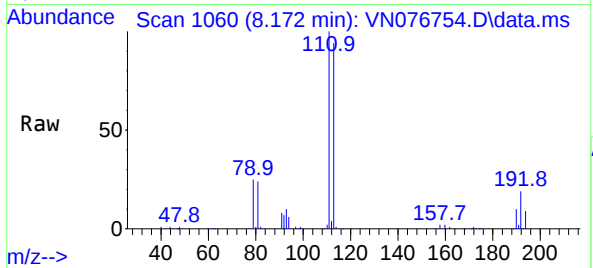




#35
Dibromofluoromethane
Concen: 50.353 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

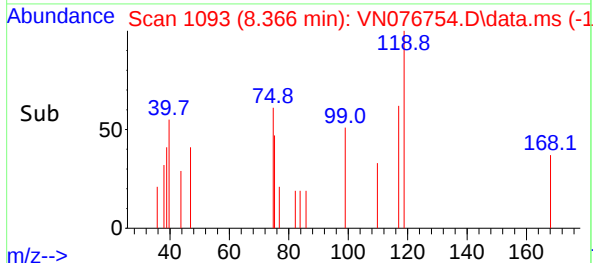
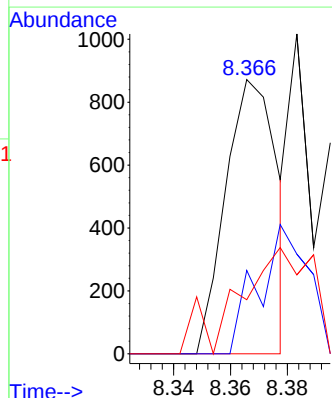
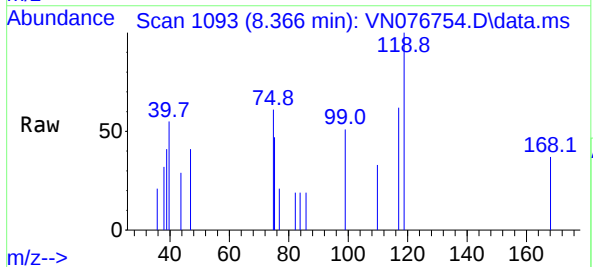
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

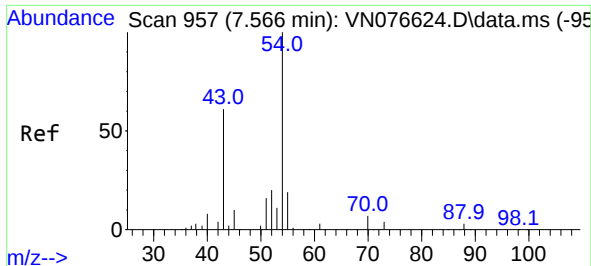
Tgt Ion:113 Resp: 147544
Ion Ratio Lower Upper
113 100
111 101.8 83.1 124.7
192 17.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 0.259 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 75 Resp: 1097
Ion Ratio Lower Upper
75 100
110 44.8 17.5 52.5
77 55.5 24.5 36.7#





#37

Ethyl Acetate

Concen: 0.468 ug/l

RT: 7.583 min Scan# 9

Delta R.T. 0.017 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

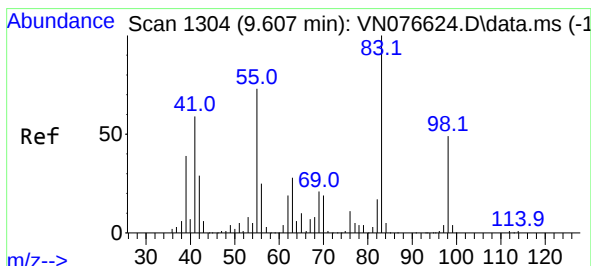
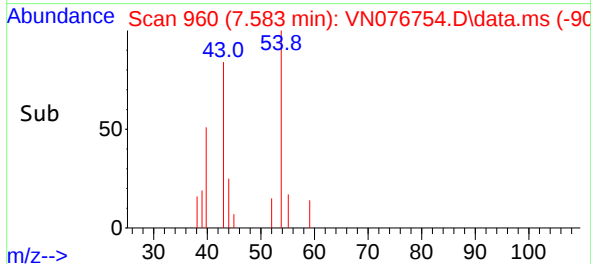
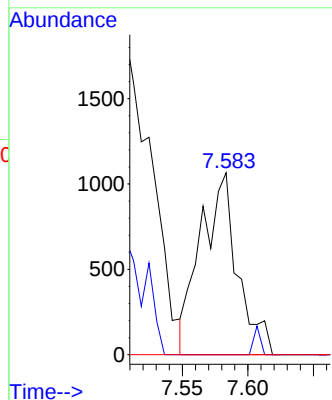
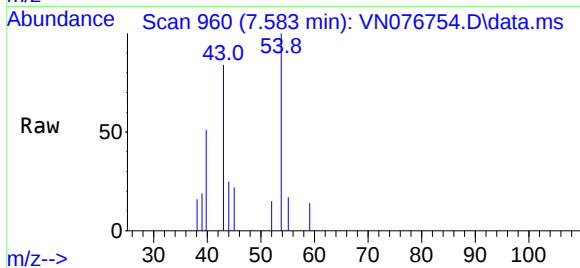
Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43	Resp: 2084
Ion Ratio	Lower Upper
43 100	
61 0.0	9.9 14.9#
70 0.0	7.8 11.6#



#39

Methylcyclohexane

Concen: 0.381 ug/l

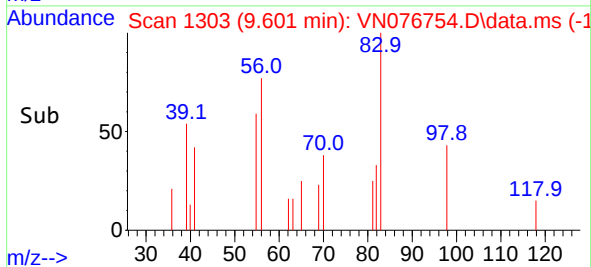
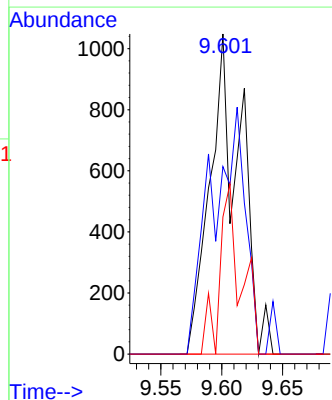
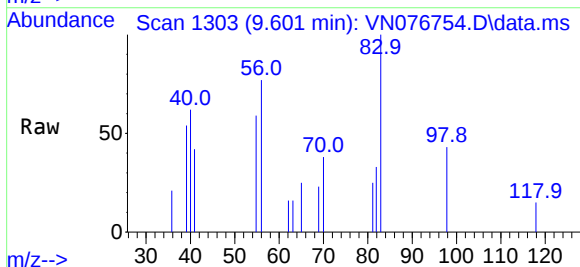
RT: 9.601 min Scan# 1303

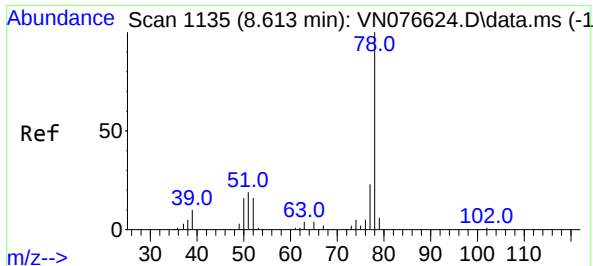
Delta R.T. -0.006 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

Tgt Ion: 83	Resp: 1832
Ion Ratio	Lower Upper
83 100	
55 58.6	58.6 88.0#
98 42.8	39.4 59.2

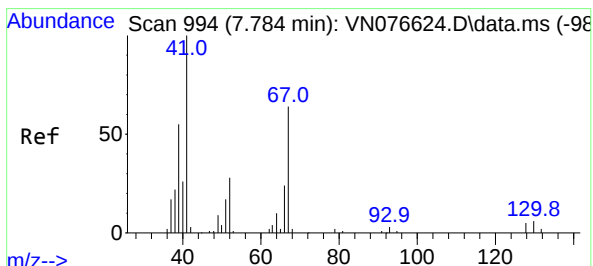
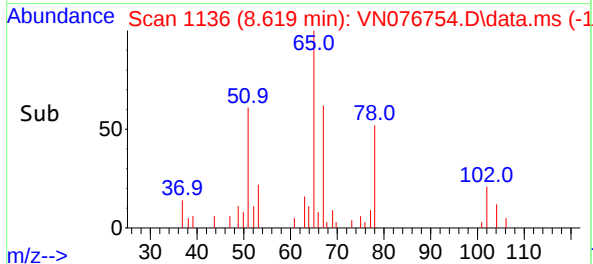
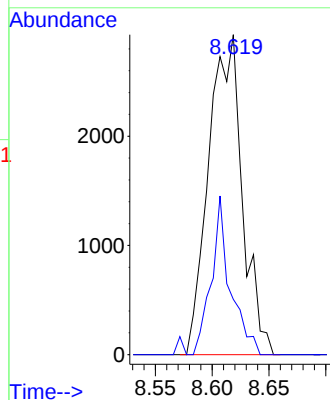
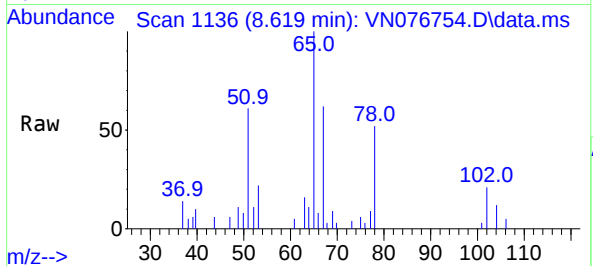




#40
Benzene
Concen: 0.464 ug/l
RT: 8.619 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

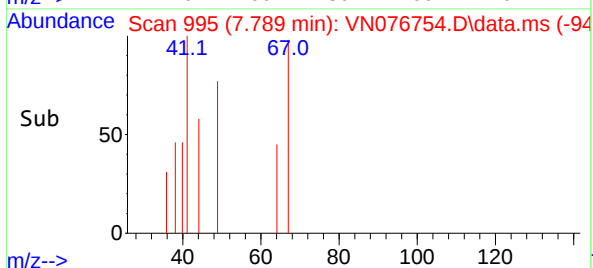
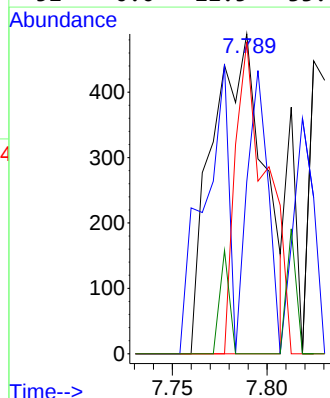
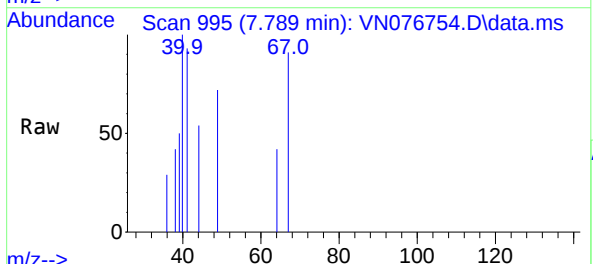
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

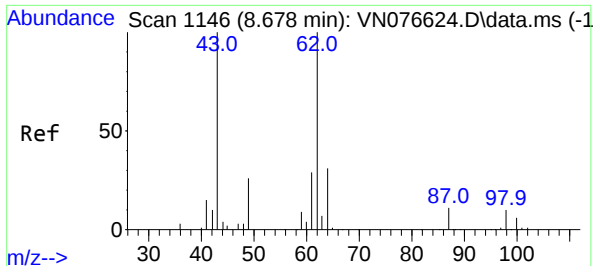
Tgt Ion: 78 Resp: 6037
Ion Ratio Lower Upper
78 100
77 17.3 18.2 27.4#



#41
Methacrylonitrile
Concen: 0.362 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 41 Resp: 933
Ion Ratio Lower Upper
41 100
39 35.8 42.6 63.8#
67 59.5 51.4 77.0
52 0.0 22.5 33.7#





#42

1,2-Dichloroethane

Concen: 0.544 ug/l

RT: 8.683 min Scan# 1146

Delta R.T. 0.005 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

Instrument :

MSVOA_N

ClientSampleId :

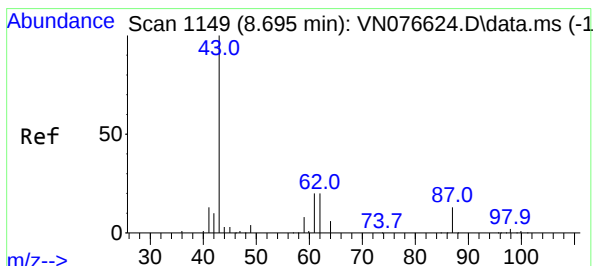
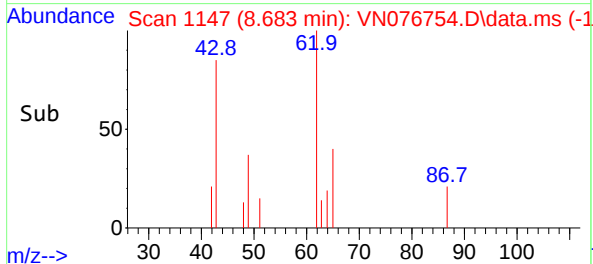
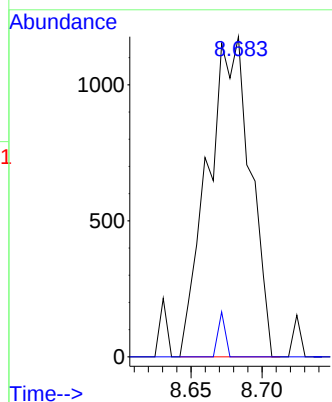
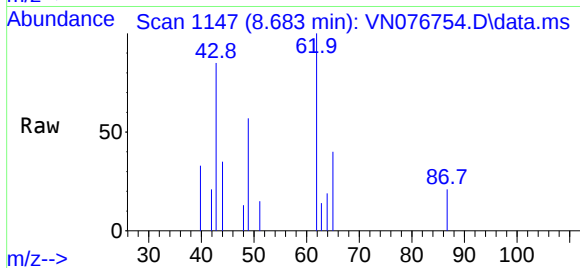
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 62 Resp: 2467

Ion Ratio Lower Upper

62 100

98 2.4 0.0 19.2



#43

Isopropyl Acetate

Concen: 0.423 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

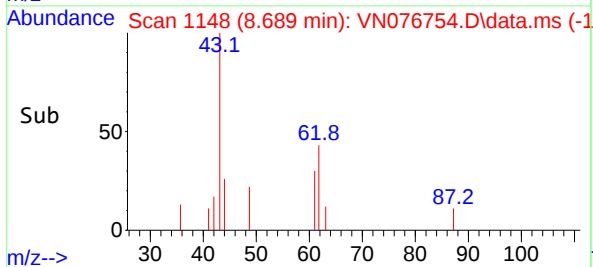
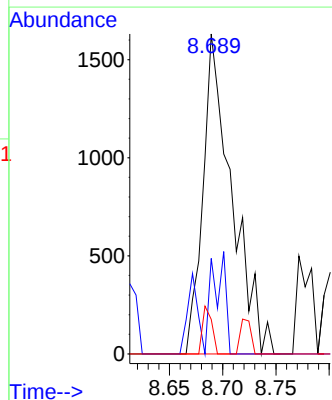
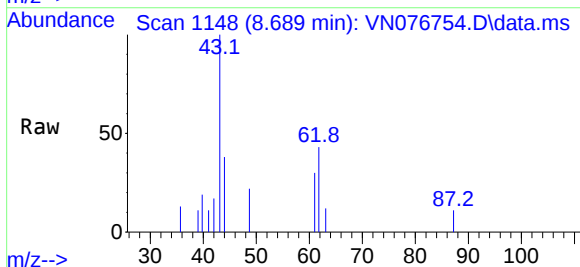
Tgt Ion: 43 Resp: 3068

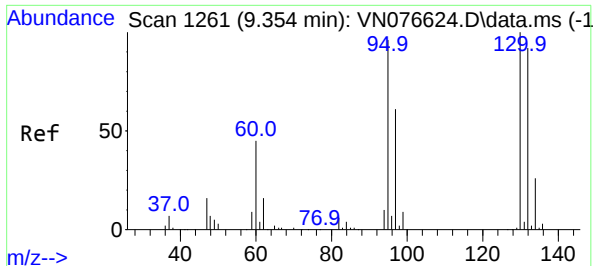
Ion Ratio Lower Upper

43 100

61 8.9 20.0 30.0#

87 4.8 9.9 14.9#





#44

Trichloroethene

Concen: 0.383 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

Instrument :

MSVOA_N

ClientSampleId :

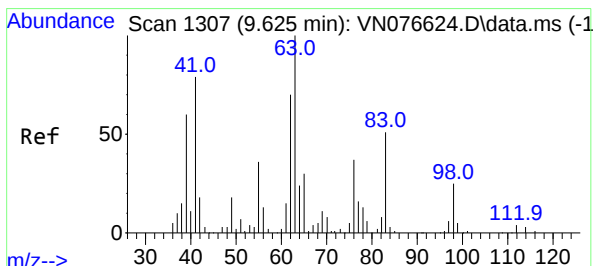
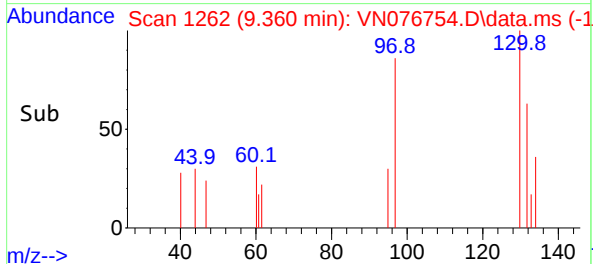
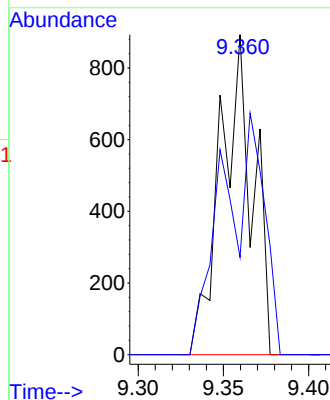
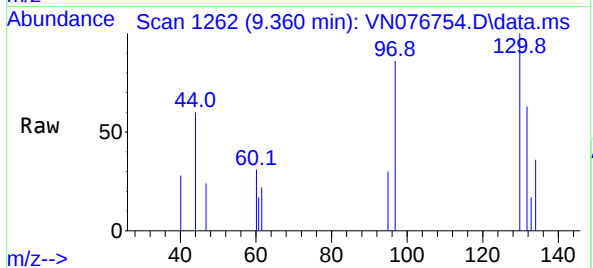
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:130 Resp: 1176

Ion Ratio Lower Upper

130 100

95 30.5 0.0 191.4



#45

1,2-Dichloropropane

Concen: 0.538 ug/l

RT: 9.630 min Scan# 1308

Delta R.T. 0.005 min

Lab File: VN076754.D

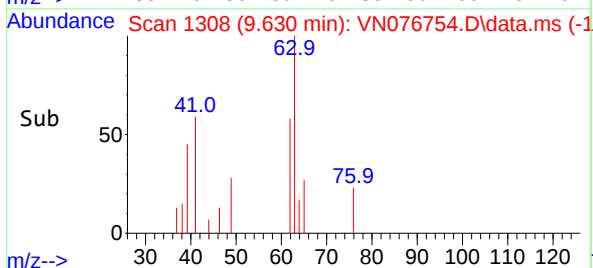
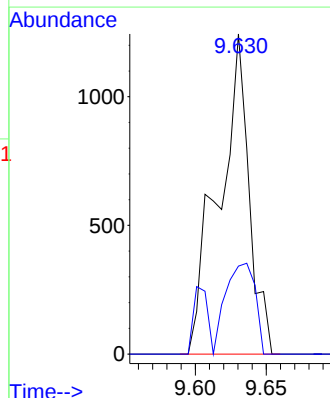
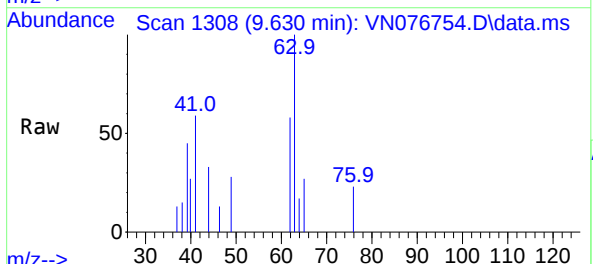
Acq: 21 Feb 2023 16:49

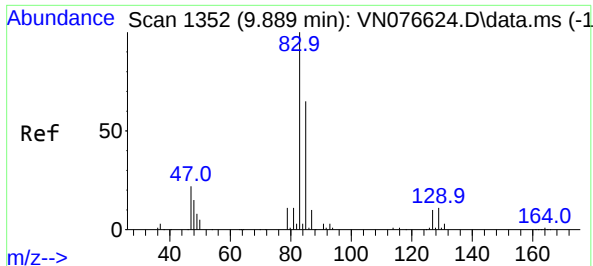
Tgt Ion: 63 Resp: 1850

Ion Ratio Lower Upper

63 100

65 27.5 24.2 36.2

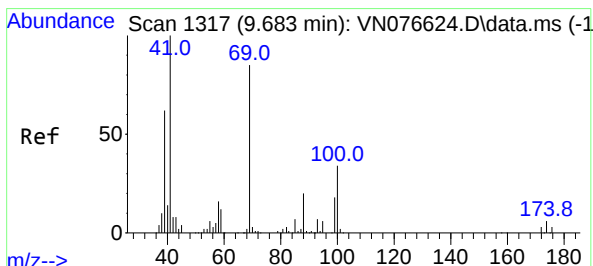
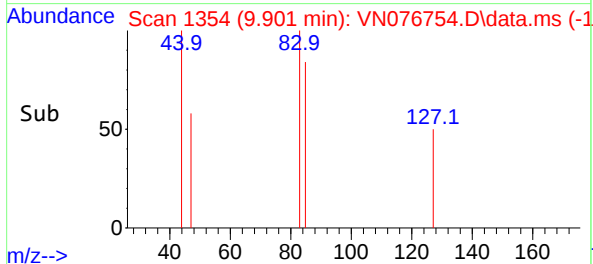
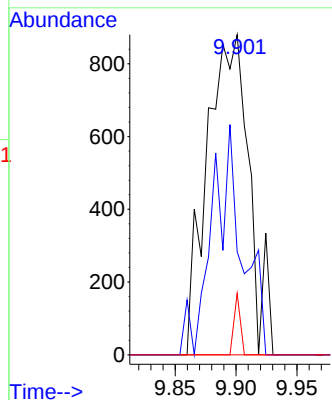
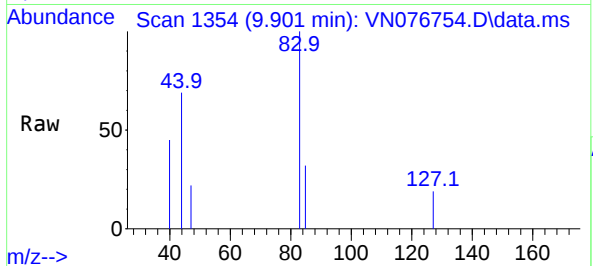




#47
Bromodichloromethane
Concen: 0.480 ug/l
RT: 9.901 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

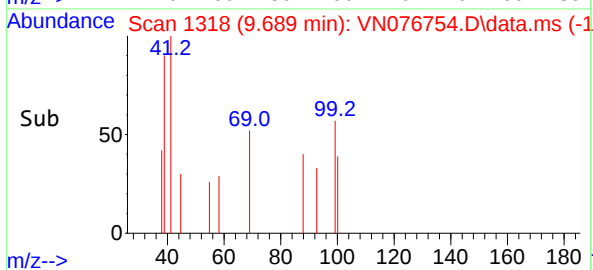
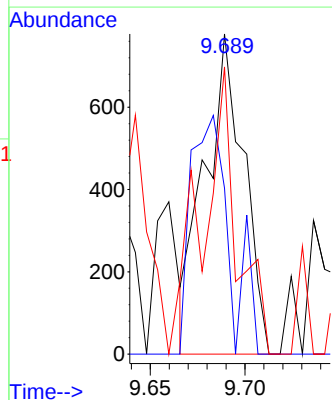
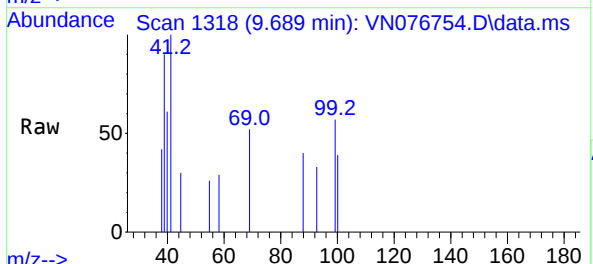
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

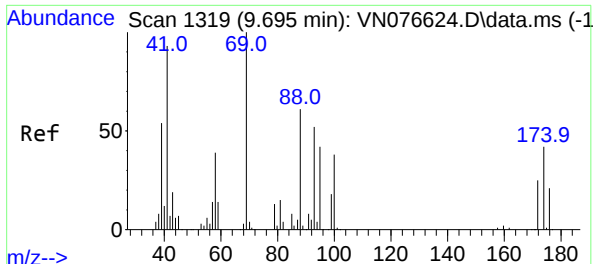
Tgt Ion: 83 Resp: 2117
Ion Ratio Lower Upper
83 100
85 32.2 51.8 77.6#
127 19.2 7.9 11.9#



#48
Methyl methacrylate
Concen: 0.325 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 41 Resp: 1117
Ion Ratio Lower Upper
41 100
69 73.7 65.4 98.0
39 79.7 49.3 73.9#

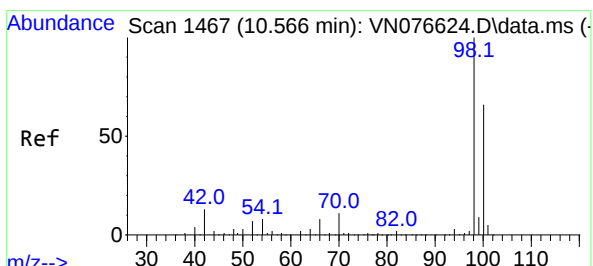
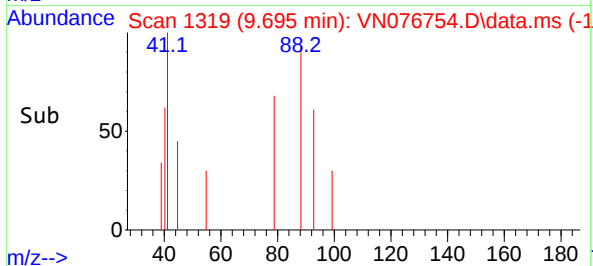
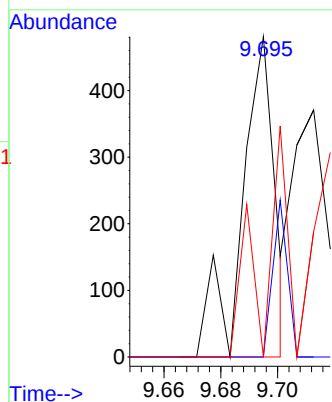
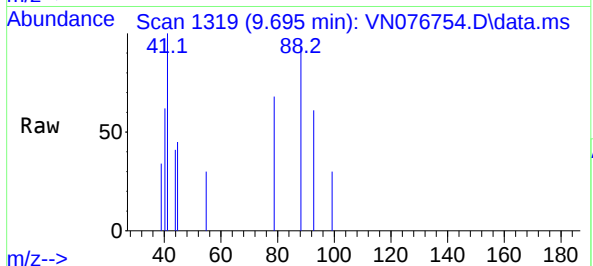




#49
1,4-Dioxane
Concen: 6.521 ug/l
RT: 9.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

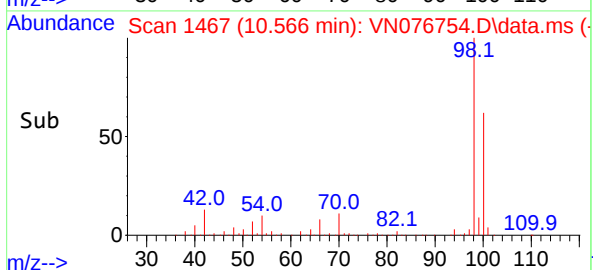
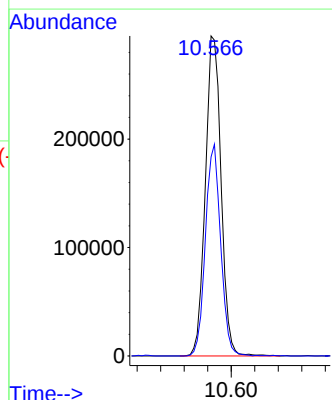
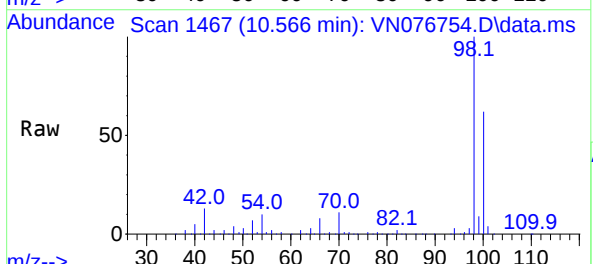
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

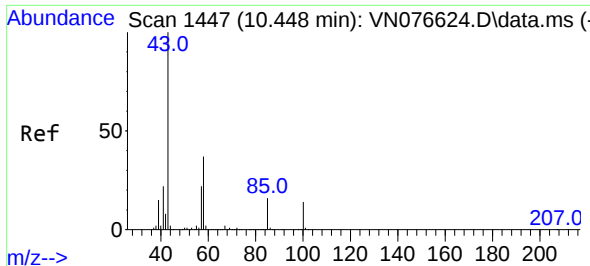
Tgt Ion: 88 Resp: 388
Ion Ratio Lower Upper
88 100
43 0.0 22.6 33.8#
58 52.3 57.6 86.4#



#50
Toluene-d8
Concen: 50.014 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 98 Resp: 547297
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3

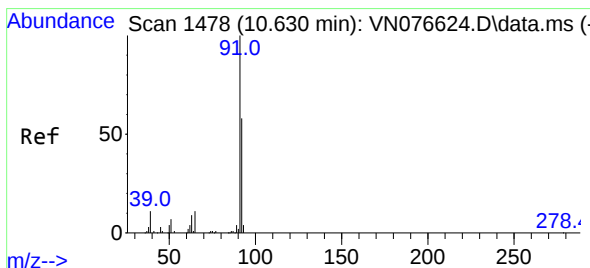
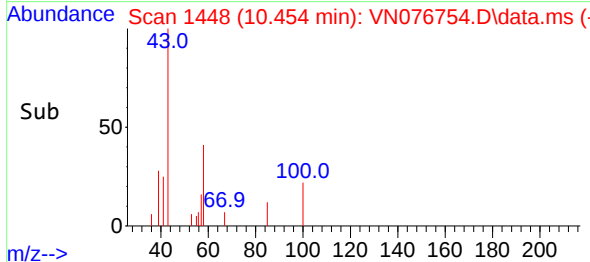
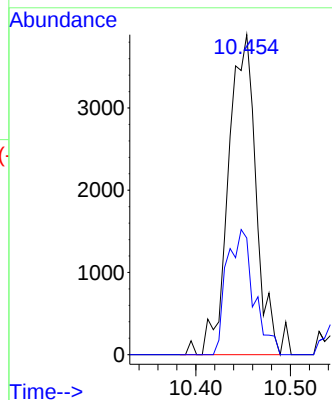
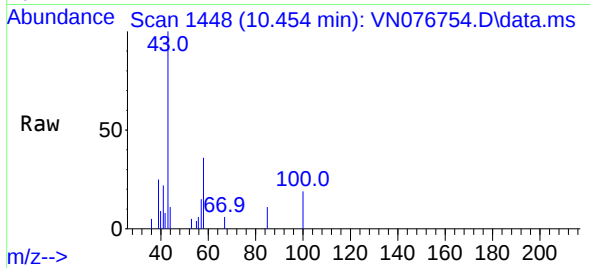




#51
4-Methyl-2-Pentanone
Concen: 1.701 ug/l
RT: 10.454 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

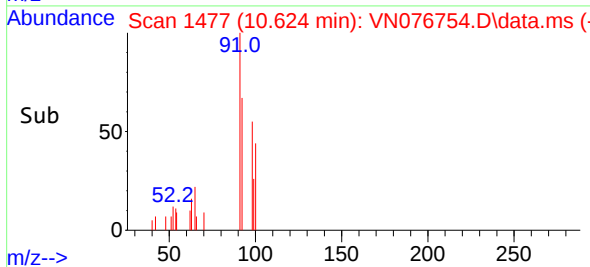
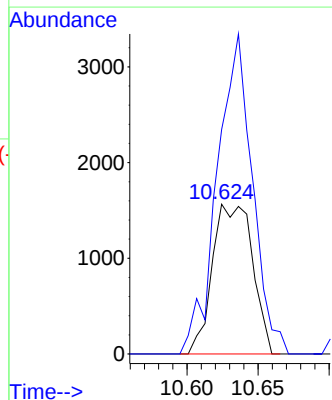
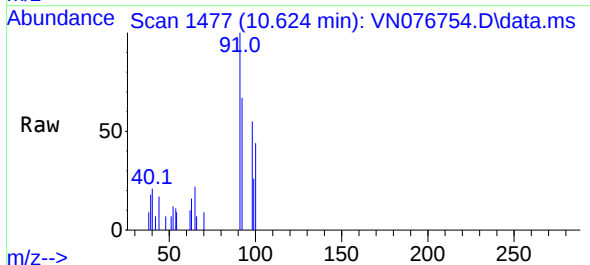
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

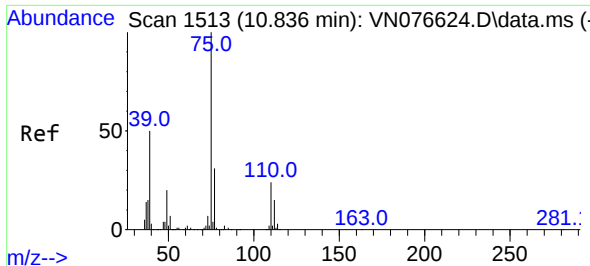
Tgt Ion: 43 Resp: 7846
Ion Ratio Lower Upper
43 100
58 38.8 29.5 44.3



#52
Toluene
Concen: 0.391 ug/l
RT: 10.624 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 92 Resp: 3070
Ion Ratio Lower Upper
92 100
91 187.9 138.0 207.0

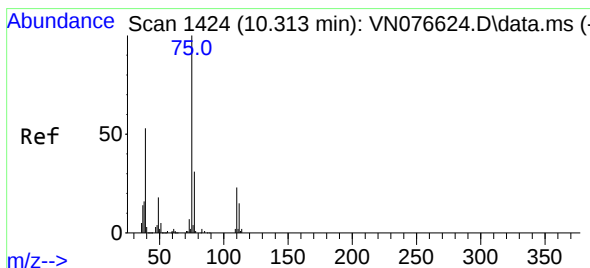
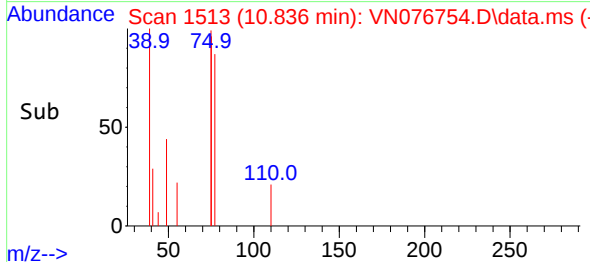
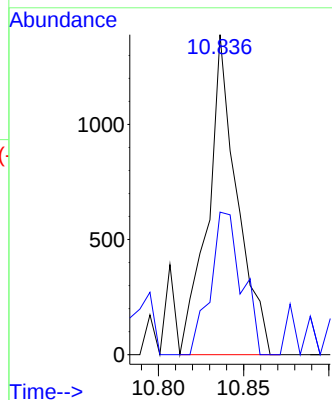
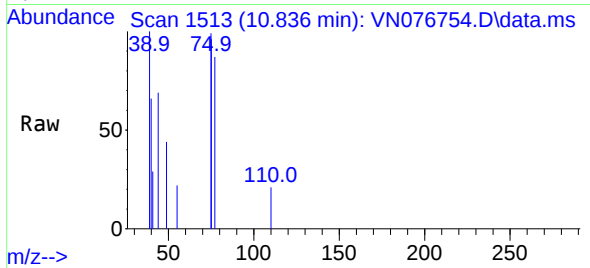




#53
t-1,3-Dichloropropene
Concen: 0.389 ug/l
RT: 10.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

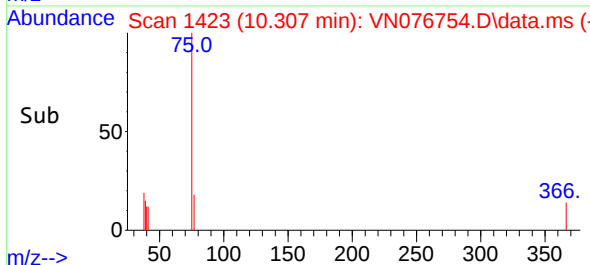
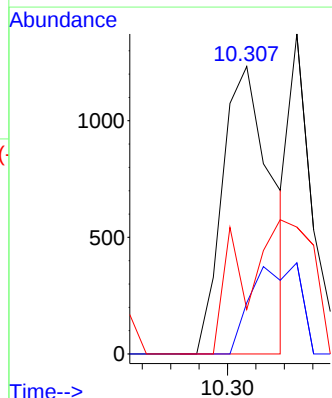
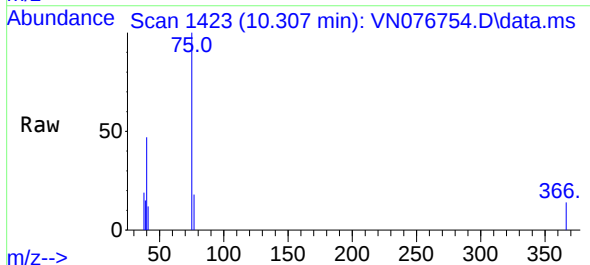
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

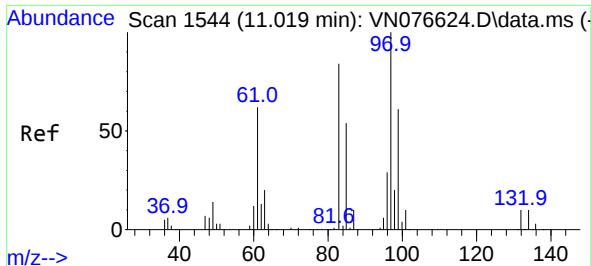
Tgt Ion: 75 Resp: 1656
Ion Ratio Lower Upper
75 100
77 44.5 24.6 37.0#



#54
cis-1,3-Dichloropropene
Concen: 0.298 ug/l
RT: 10.307 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

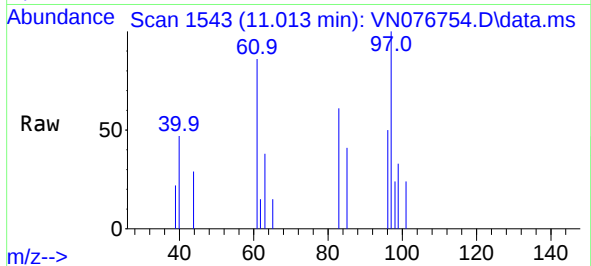
Tgt Ion: 75 Resp: 1465
Ion Ratio Lower Upper
75 100
77 17.8 25.1 37.7#
39 15.5 42.3 63.5#





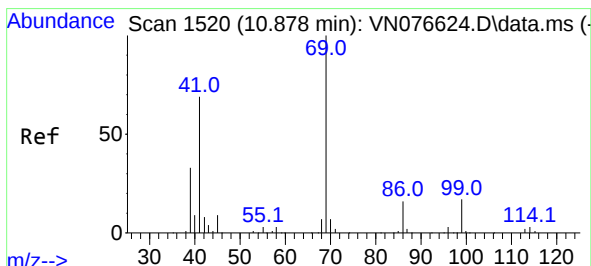
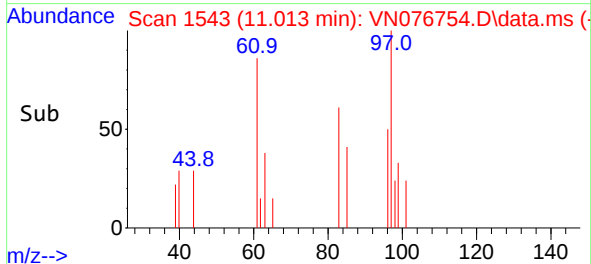
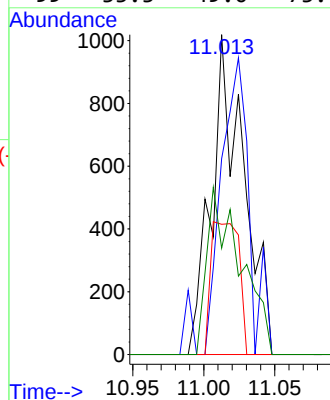
#55
1,1,2-Trichloroethane
Concen: 0.504 ug/l
RT: 11.013 min Scan# 1544
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 97 Resp: 1610

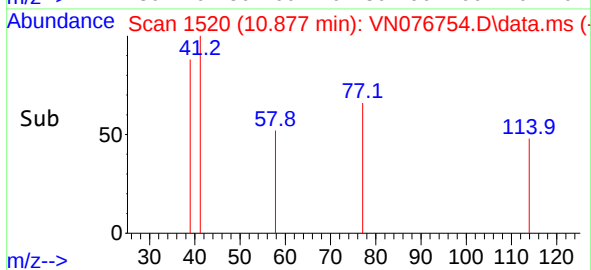
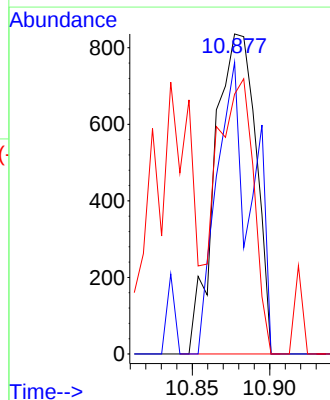
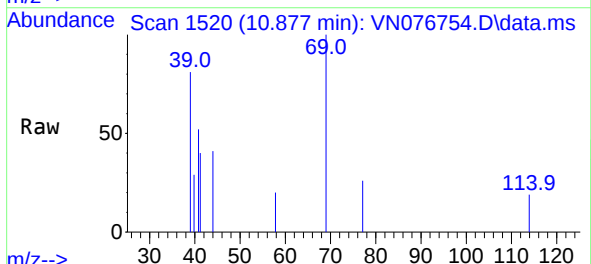
Ion	Ratio	Lower	Upper
97	100		
83	61.2	67.3	100.9#
85	40.7	43.2	64.8#
99	33.3	49.0	73.4#

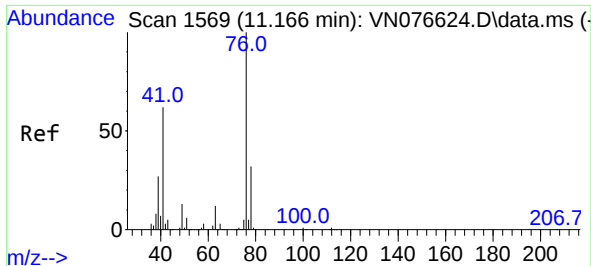


#56
Ethyl methacrylate
Concen: 0.343 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 69 Resp: 1540

Ion	Ratio	Lower	Upper
69	100		
41	77.2	55.1	82.7
39	73.4	30.7	46.1#





#57

1,3-Dichloropropane

Concen: 0.470 ug/l

RT: 11.160 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

Instrument :

MSVOA_N

ClientSampleId :

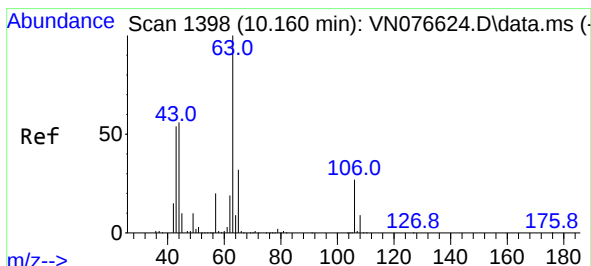
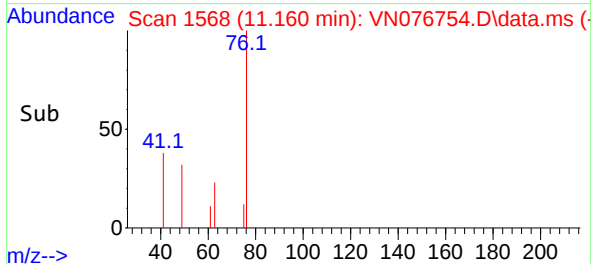
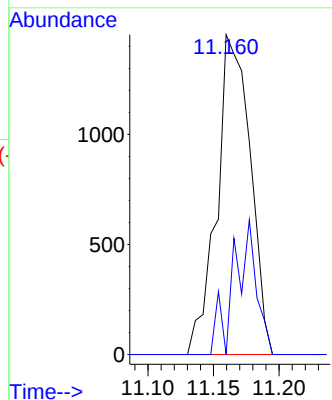
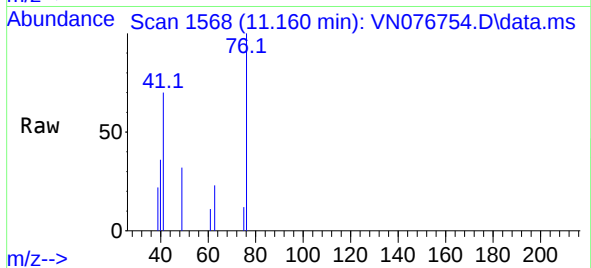
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 76 Resp: 2575

Ion Ratio Lower Upper

76 100

78 28.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.698 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076754.D

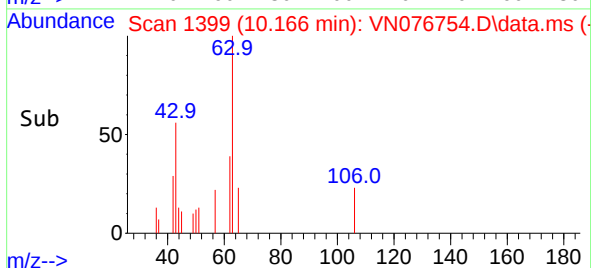
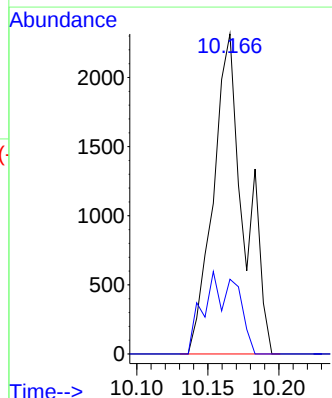
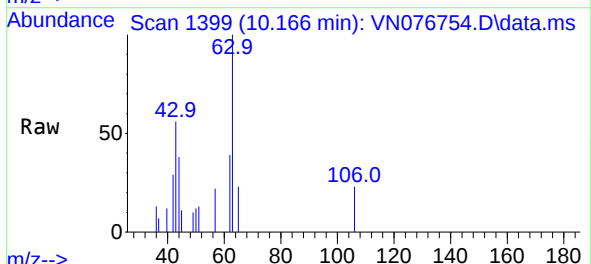
Acq: 21 Feb 2023 16:49

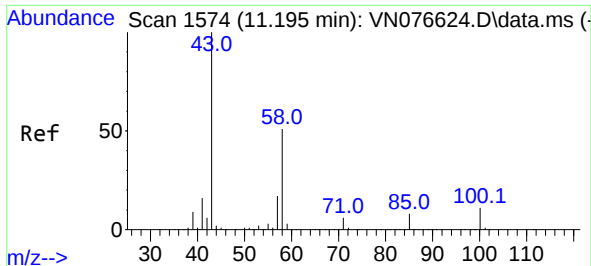
Tgt Ion: 63 Resp: 3494

Ion Ratio Lower Upper

63 100

106 15.6 22.3 33.5#

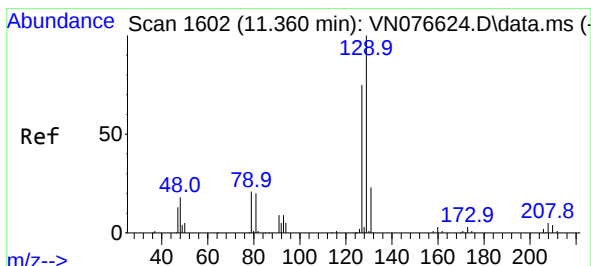
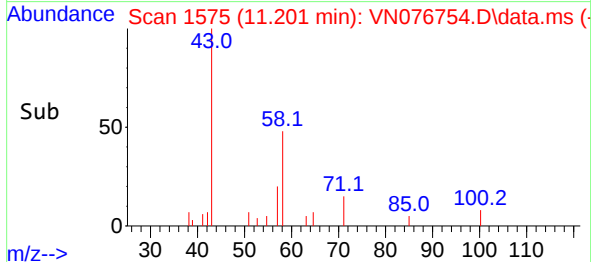
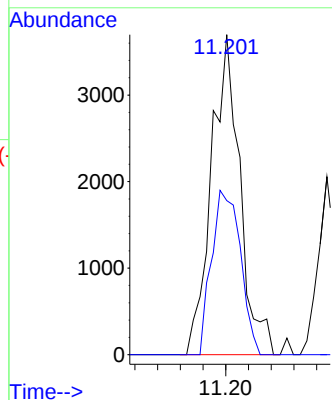
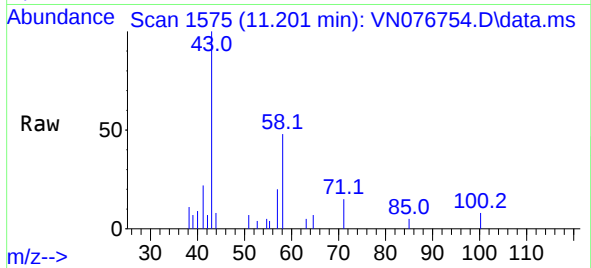




#59
2-Hexanone
Concen: 1.943 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

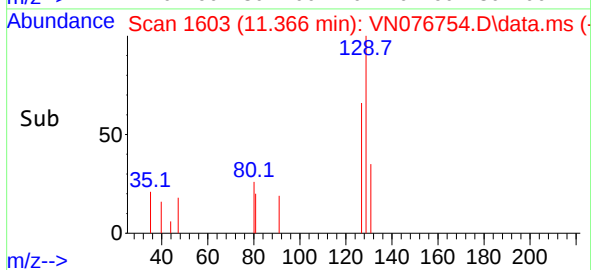
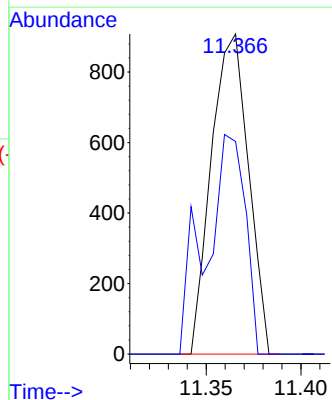
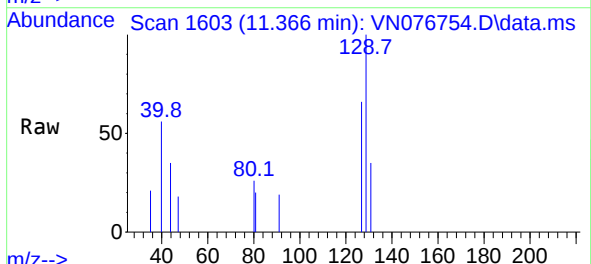
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

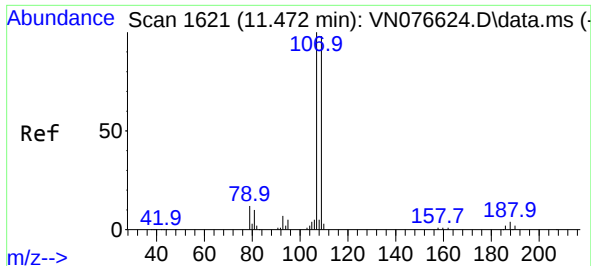
Tgt Ion: 43 Resp: 6460
Ion Ratio Lower Upper
43 100
58 51.7 25.4 76.0



#60
Dibromochloromethane
Concen: 0.368 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 129 Resp: 1239
Ion Ratio Lower Upper
129 100
127 72.5 38.8 116.4

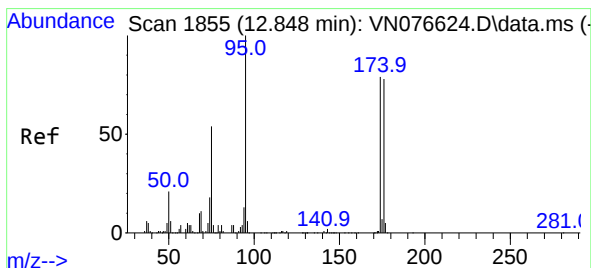
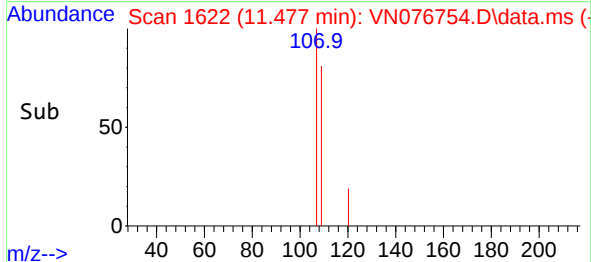
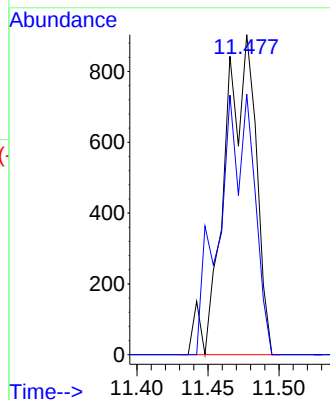
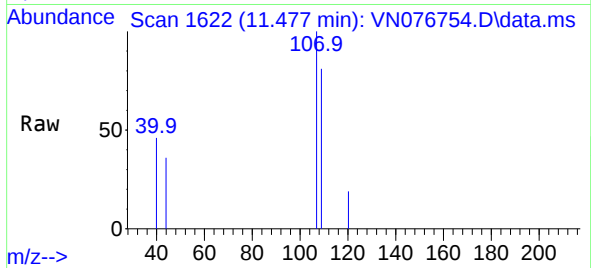




#61
1,2-Dibromoethane
Concen: 0.434 ug/l
RT: 11.477 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

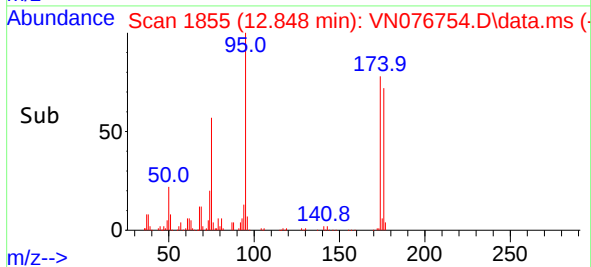
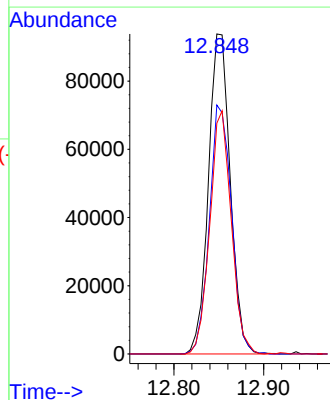
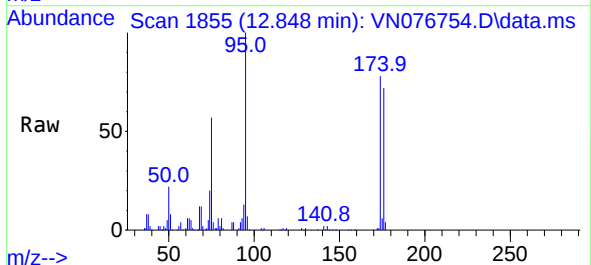
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

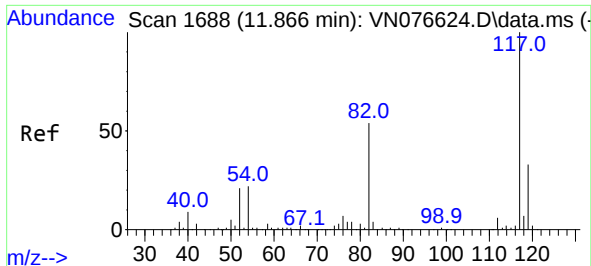
Tgt Ion:107 Resp: 1388
Ion Ratio Lower Upper
107 100
109 88.9 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 43.764 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 95 Resp: 158616
Ion Ratio Lower Upper
95 100
174 78.8 0.0 169.2
176 74.4 0.0 163.4

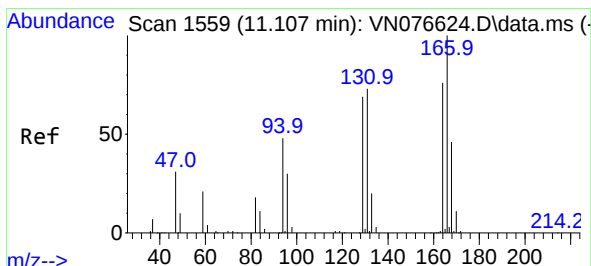
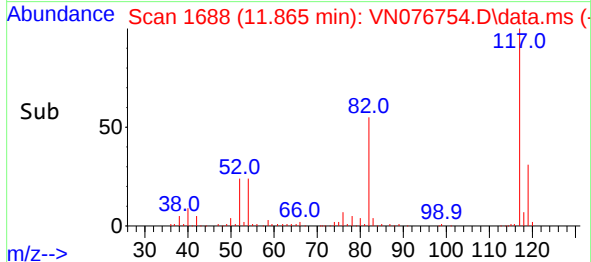
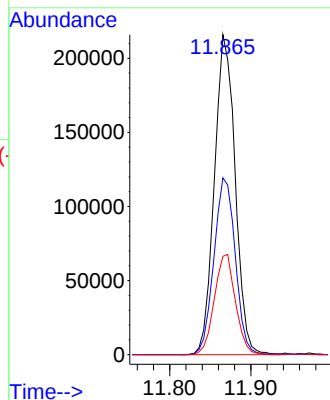
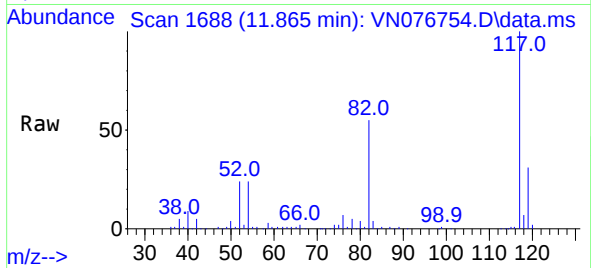




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1177
Delta R.T. -0.001 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

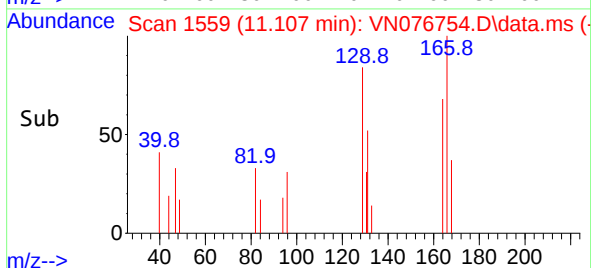
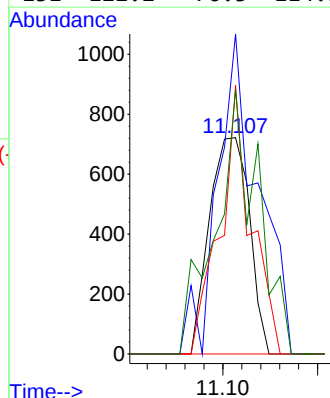
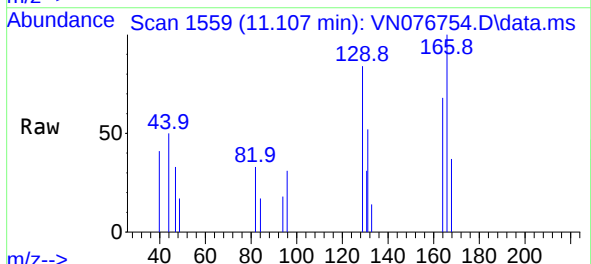
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

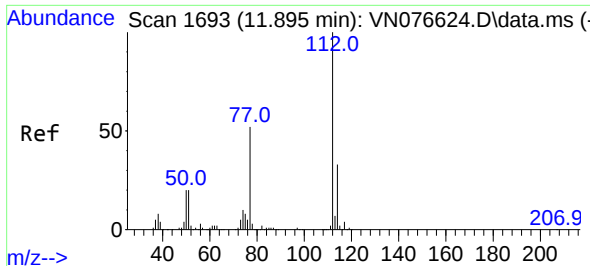
Tgt Ion:117 Resp: 384579
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.2
119 30.8 26.1 39.1



#64
Tetrachloroethene
Concen: 0.438 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion:164 Resp: 1061
Ion Ratio Lower Upper
164 100
166 147.9 104.8 157.2
129 124.1 72.2 108.2#
131 122.2 76.3 114.5#

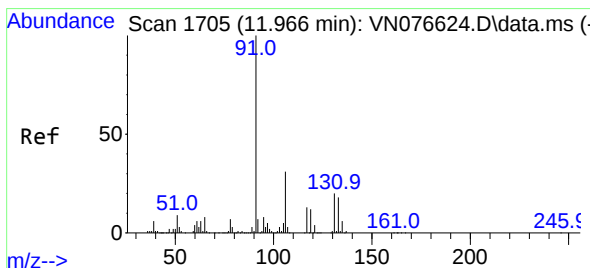
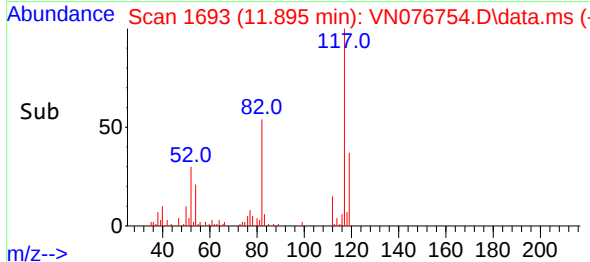
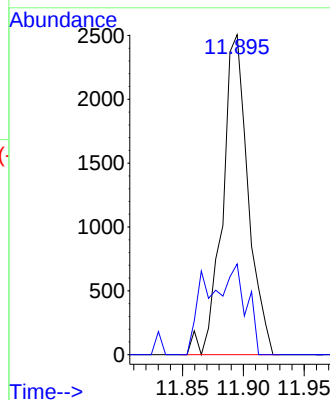
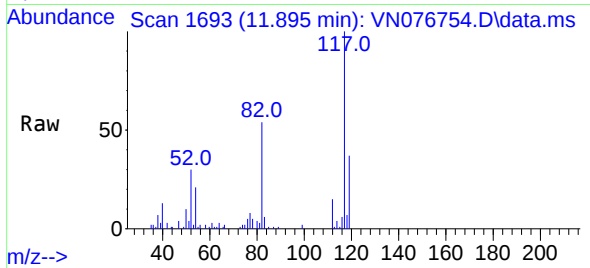




#65
Chlorobenzene
Concen: 0.449 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

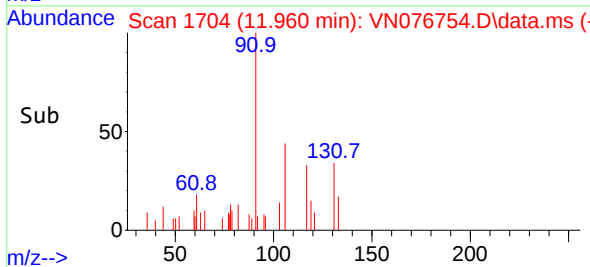
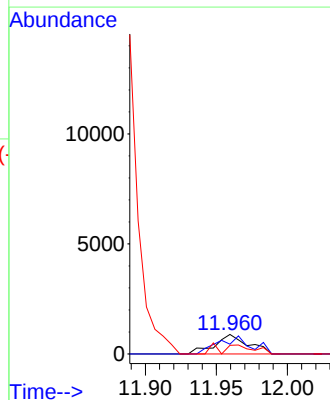
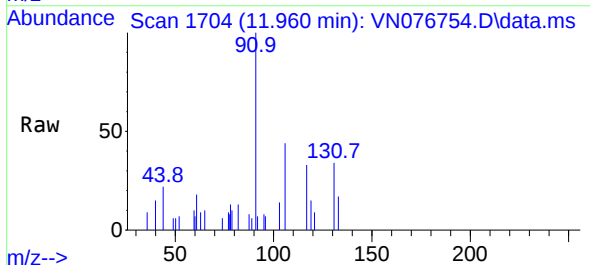
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

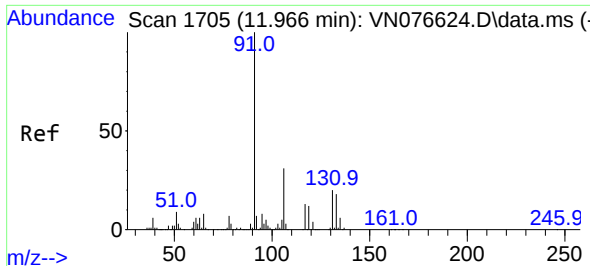
Tgt Ion:112 Resp: 3662
Ion Ratio Lower Upper
112 100
114 28.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 0.490 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion:131 Resp: 1450
Ion Ratio Lower Upper
131 100
133 89.4 47.0 141.0
119 0.0 32.3 96.8#

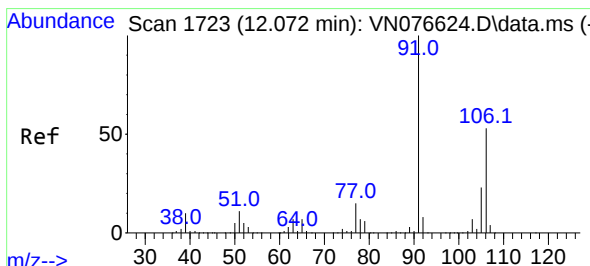
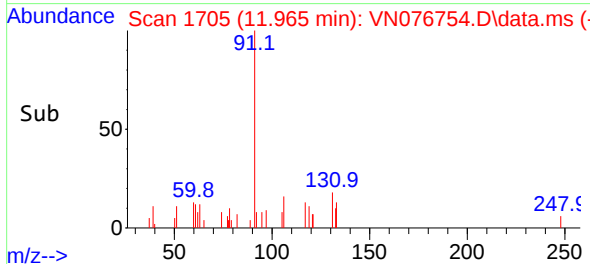
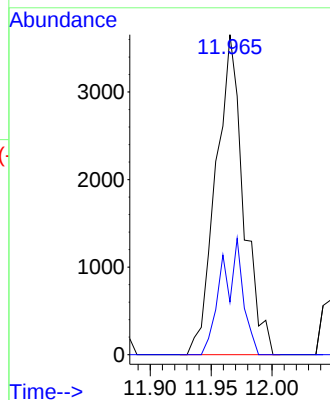
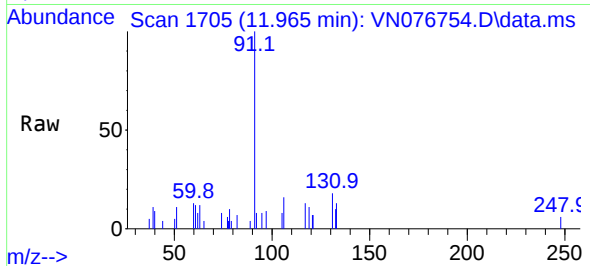




#67
Ethyl Benzene
Concen: 0.417 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

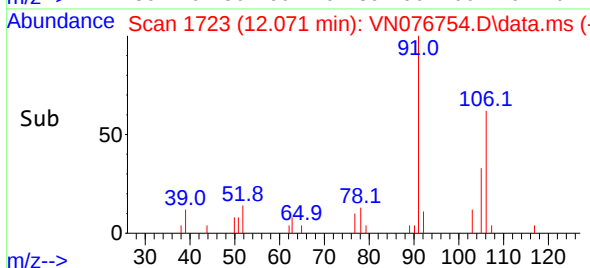
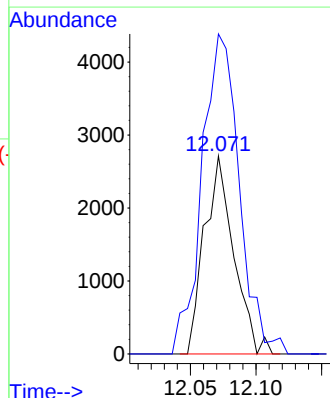
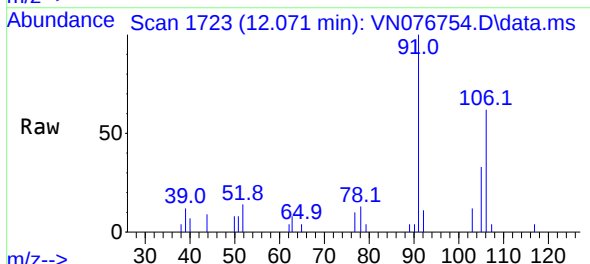
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

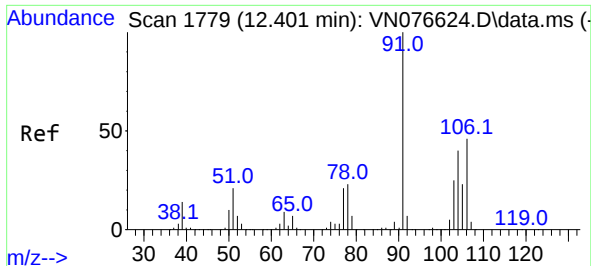
Tgt Ion: 91 Resp: 5794
Ion Ratio Lower Upper
91 100
106 16.4 25.1 37.7#



#68
m/p-Xylenes
Concen: 0.789 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 106 Resp: 4221
Ion Ratio Lower Upper
106 100
91 205.8 154.7 232.1

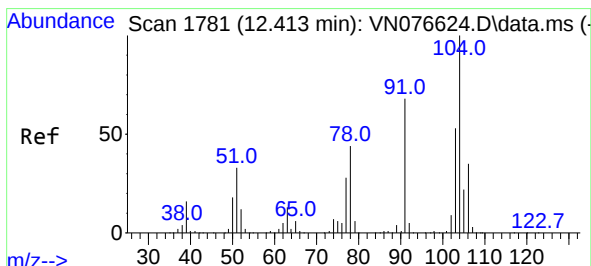
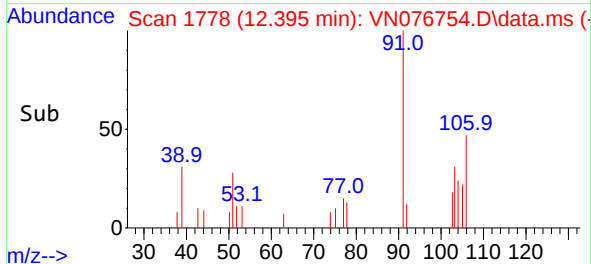
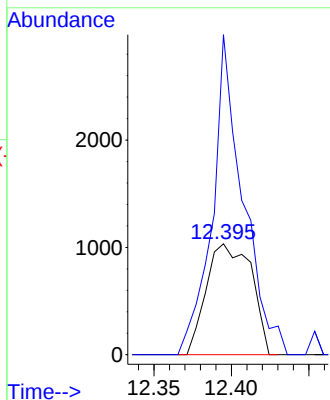
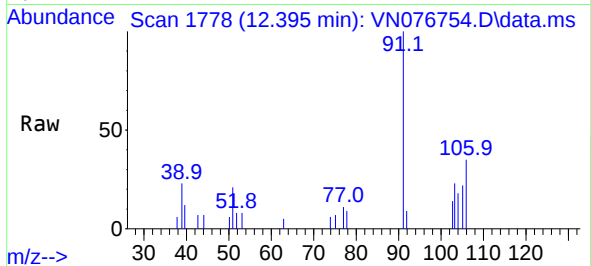




#69
o-Xylene
Concen: 0.400 ug/l
RT: 12.395 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

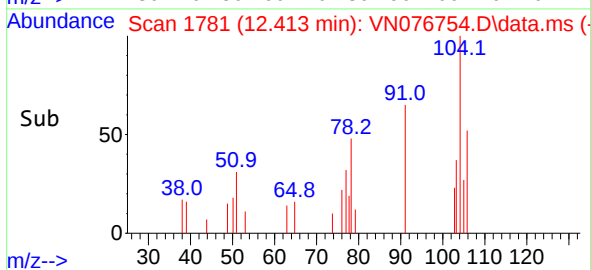
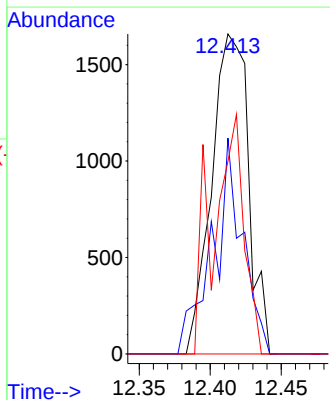
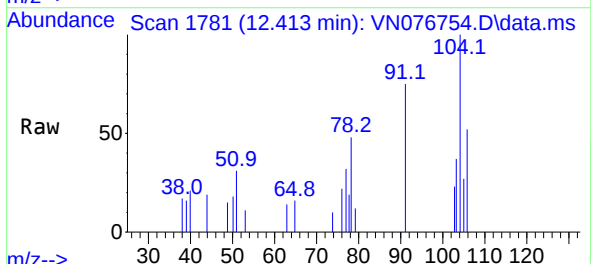
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

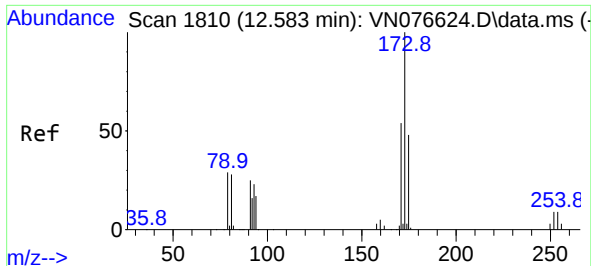
Tgt Ion:106 Resp: 2086
Ion Ratio Lower Upper
106 100
91 197.0 105.8 317.4



#70
Styrene
Concen: 0.356 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.001 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion:104 Resp: 3009
Ion Ratio Lower Upper
104 100
78 54.2 38.2 57.4
103 62.3 44.2 66.4

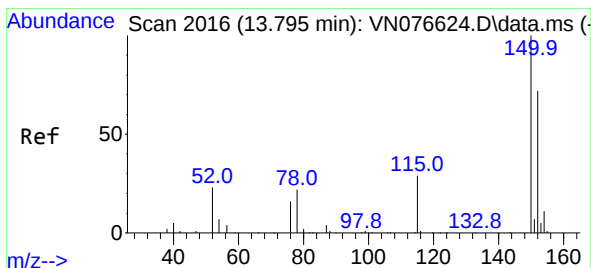
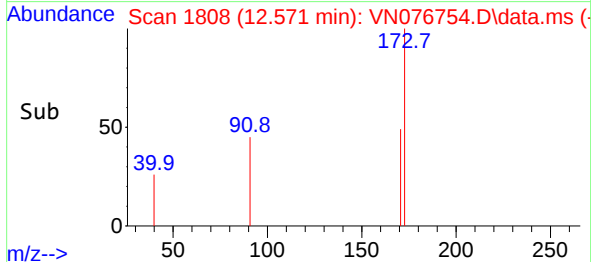
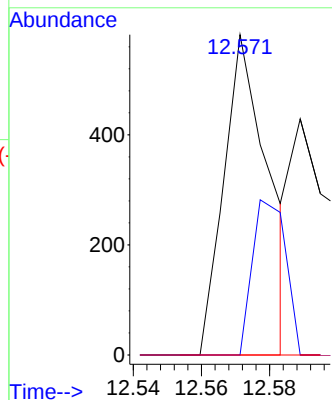
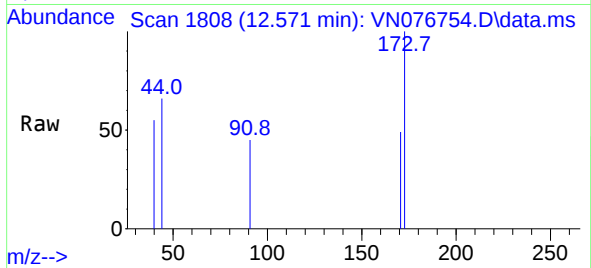




#71
Bromoform
Concen: 0.243 ug/l
RT: 12.571 min Scan# 1808
Delta R.T. -0.012 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

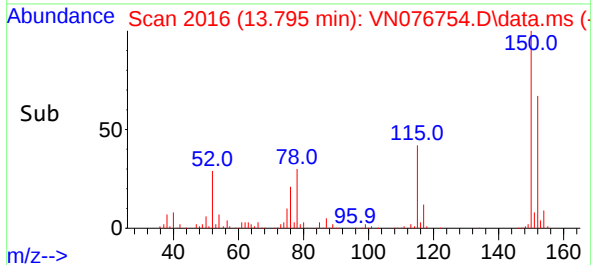
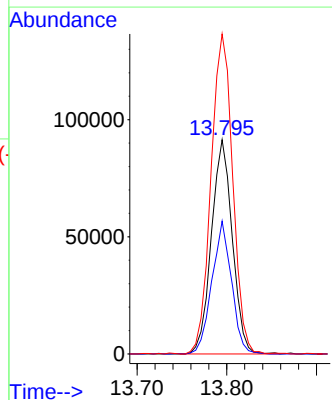
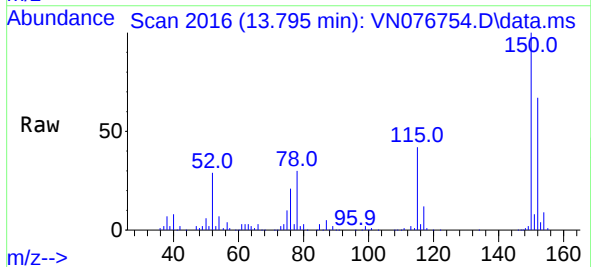
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

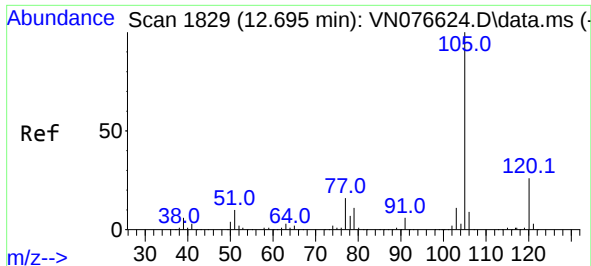
Tgt Ion:173 Resp: 528
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion:152 Resp: 147748
Ion Ratio Lower Upper
152 100
115 58.5 29.3 87.9
150 155.1 0.0 349.8

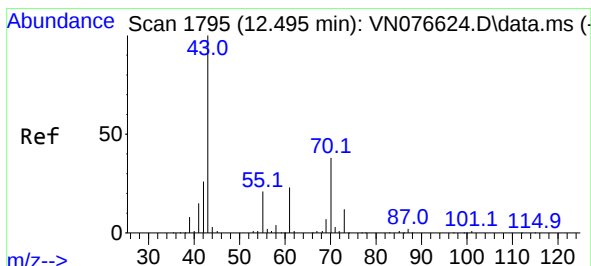
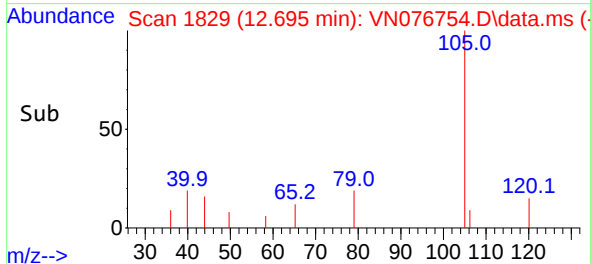
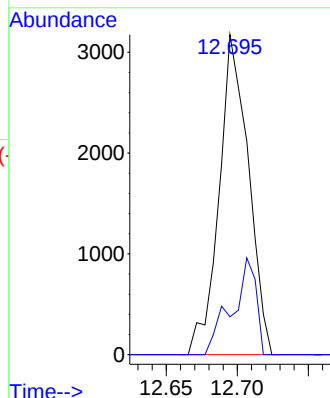
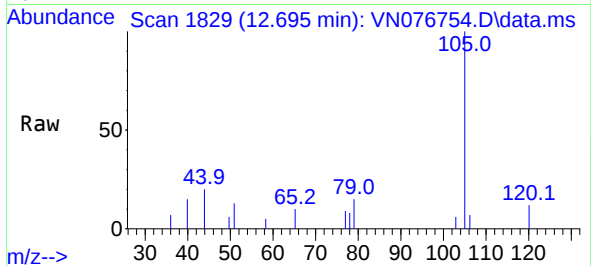




#73
Isopropylbenzene
Concen: 0.421 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

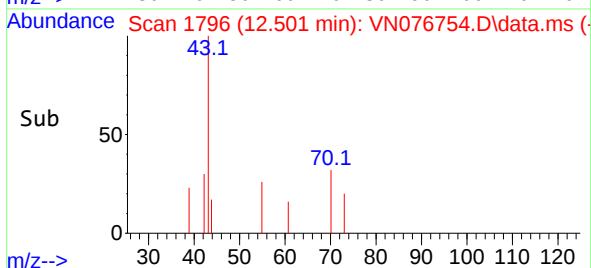
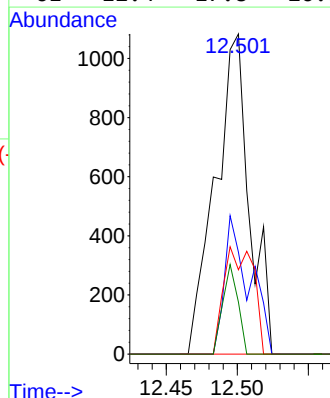
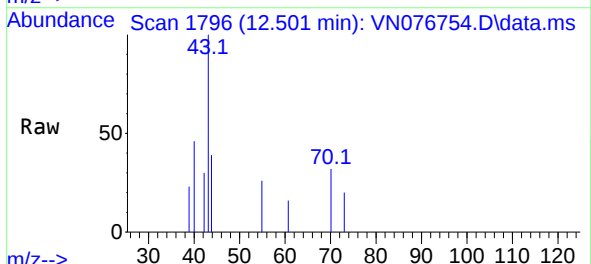
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

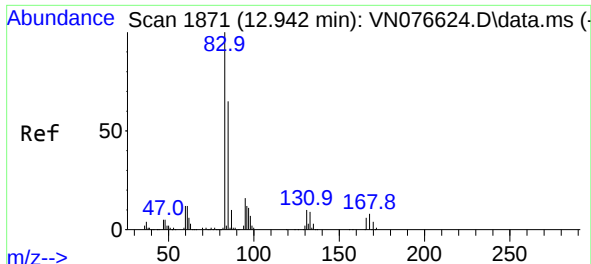
Tgt Ion:105 Resp: 4563
Ion Ratio Lower Upper
105 100
120 24.8 13.7 41.0



#74
N-ethyl acetate
Concen: 0.369 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 43 Resp: 1801
Ion Ratio Lower Upper
43 100
70 31.8 30.5 45.7
55 29.0 17.8 26.8#
61 12.4 17.8 26.8#

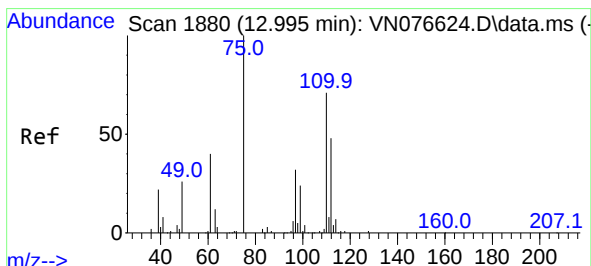
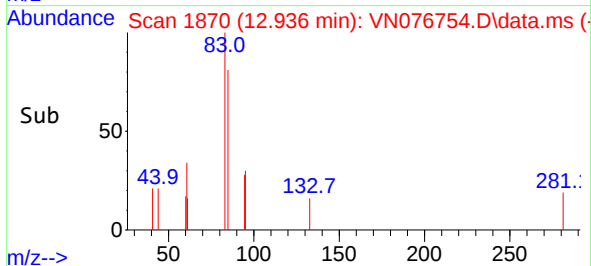
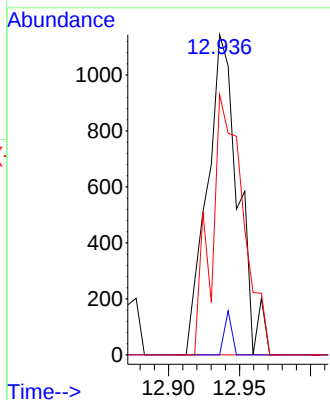
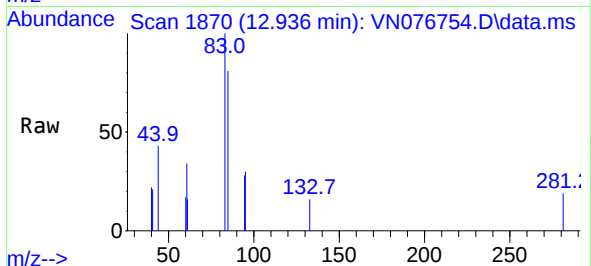




#75
1,1,2,2-Tetrachloroethane
Concen: 0.444 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

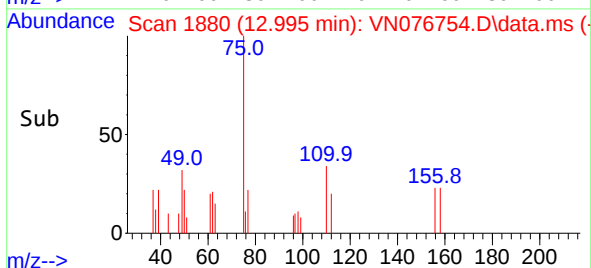
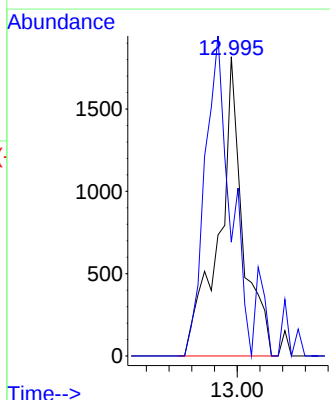
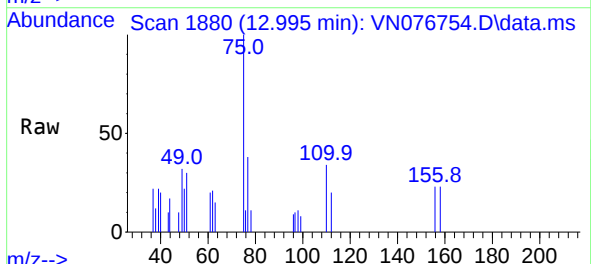
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

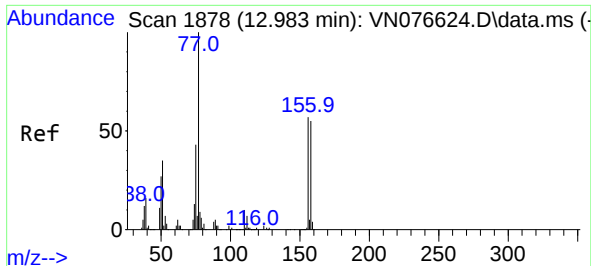
Tgt Ion: 83 Resp: 1742
Ion Ratio Lower Upper
83 100
131 3.2 5.0 15.0#
85 82.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 0.893 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 75 Resp: 2668
Ion Ratio Lower Upper
75 100
77 112.7 93.1 279.3

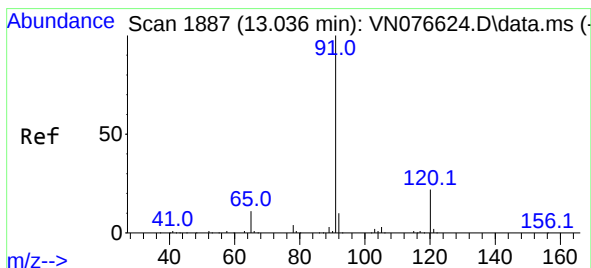
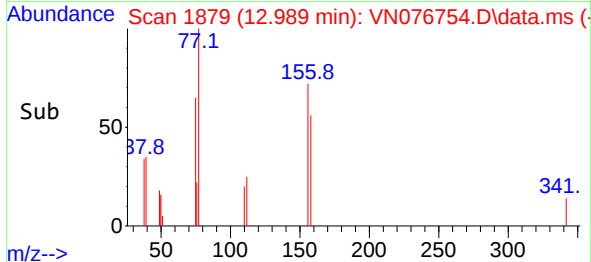
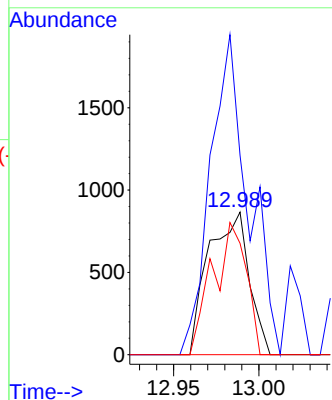
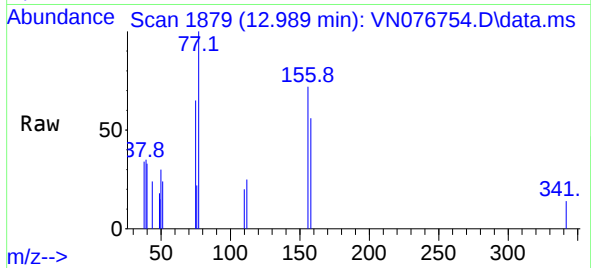




#77
Bromobenzene
Concen: 0.528 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

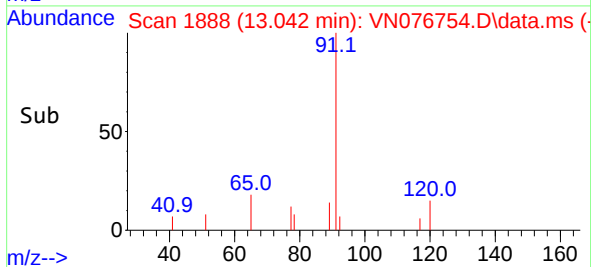
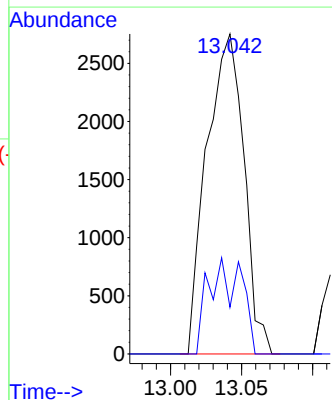
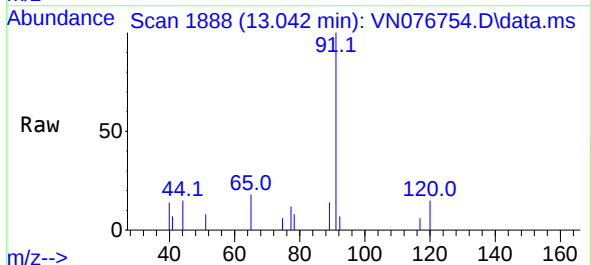
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

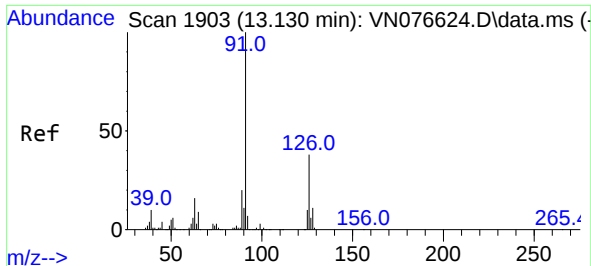
Tgt Ion:156 Resp: 1426
Ion Ratio Lower Upper
156 100
77 210.8 102.8 308.4
158 77.3 48.9 146.6



#78
n-propylbenzene
Concen: 0.394 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 91 Resp: 5013
Ion Ratio Lower Upper
91 100
120 26.1 11.5 34.5

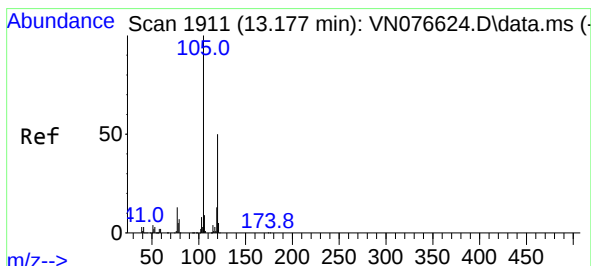
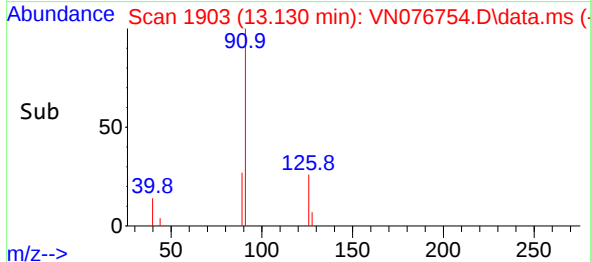
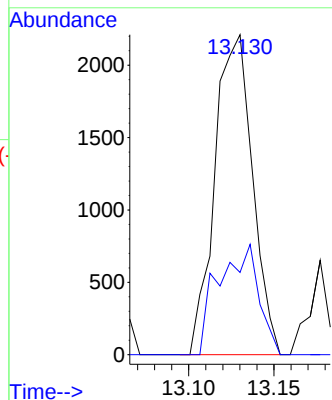
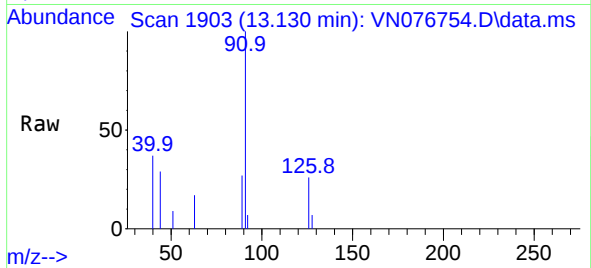




#79
2-Chlorotoluene
Concen: 0.437 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

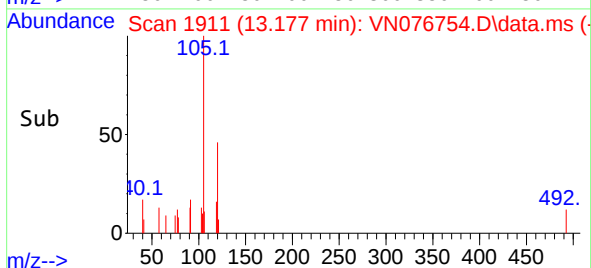
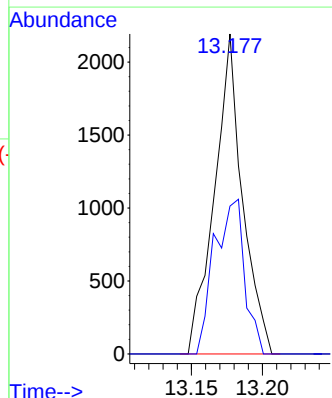
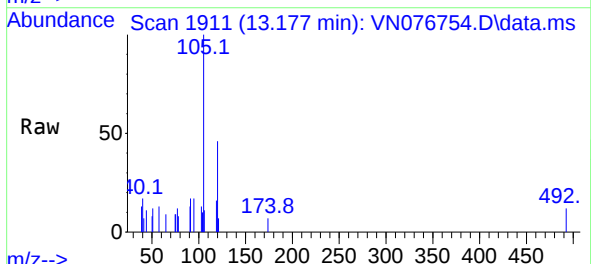
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

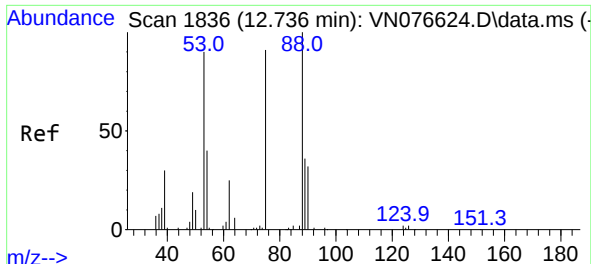
Tgt Ion: 91 Resp: 3402
Ion Ratio Lower Upper
91 100
126 36.6 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 0.336 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 105 Resp: 3006
Ion Ratio Lower Upper
105 100
120 52.0 25.1 75.4

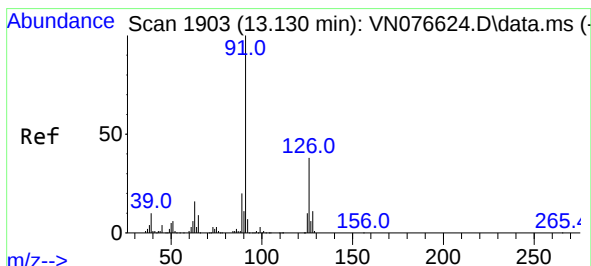
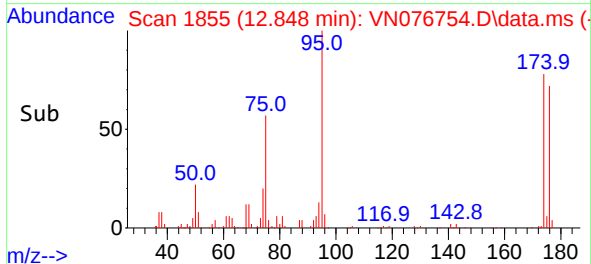
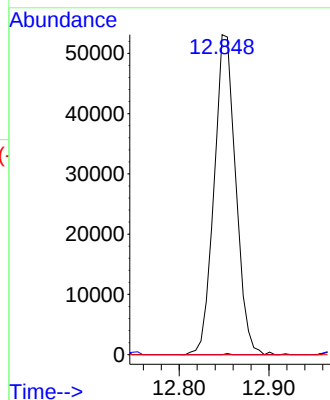
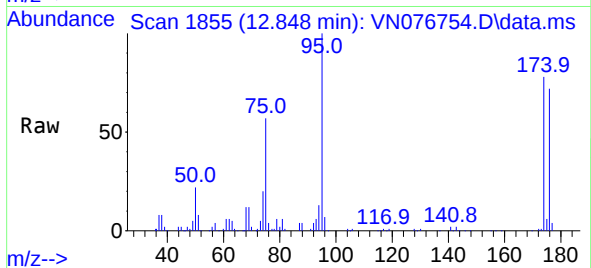




#81
trans-1,4-Dichloro-2-butene
Concen: 86.715 ug/l
RT: 12.848 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

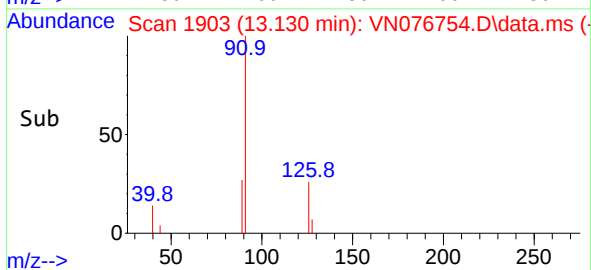
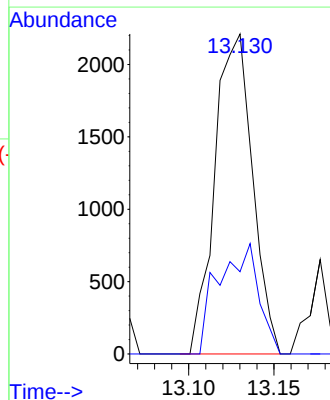
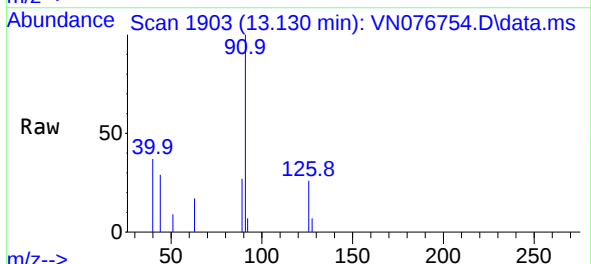
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

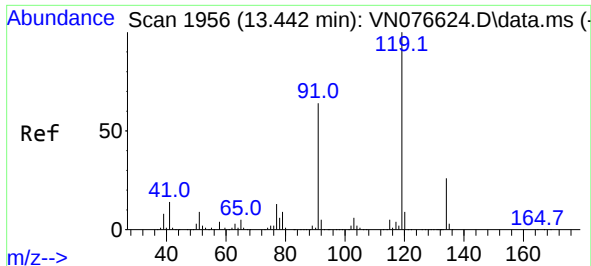
Tgt Ion: 75 Resp: 88932
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.0 37.5 56.3#



#82
4-Chlorotoluene
Concen: 0.437 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 91 Resp: 3402
Ion Ratio Lower Upper
91 100
126 36.6 17.7 53.1

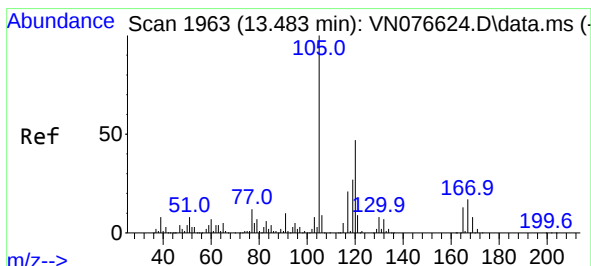
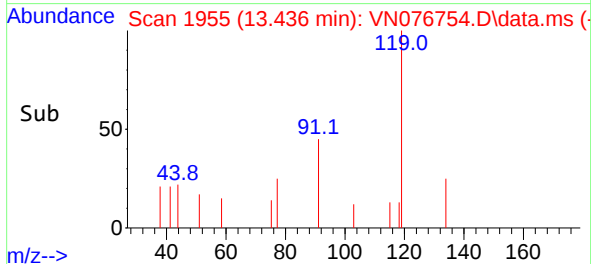
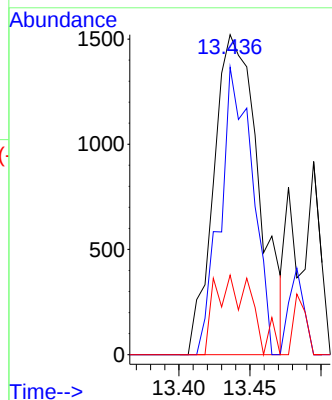
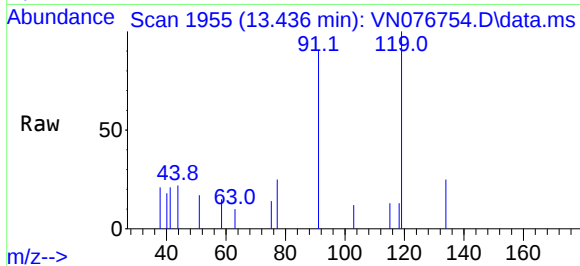




#83
tert-Butylbenzene
Concen: 0.415 ug/l
RT: 13.436 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

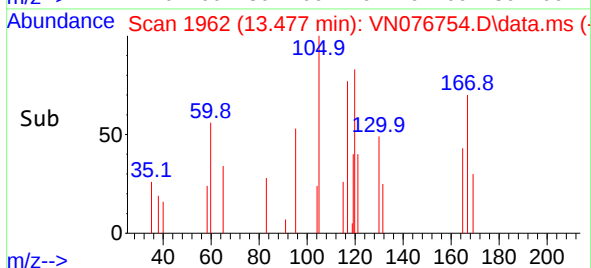
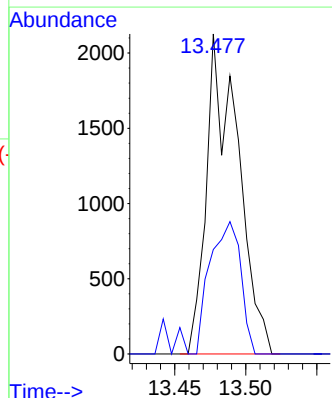
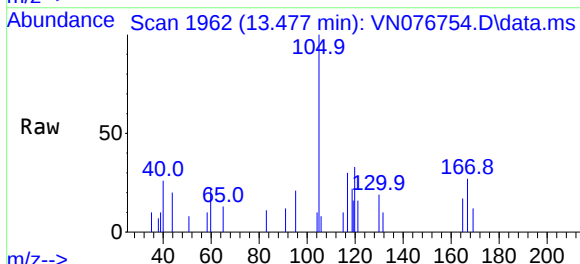
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

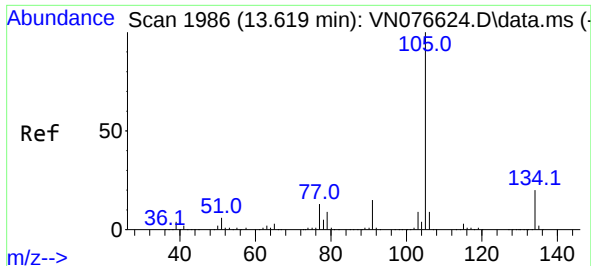
Tgt Ion:	119	Resp:	3361
Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.0	96.2
134	20.4	13.8	41.4



#84
1,2,4-Trimethylbenzene
Concen: 0.367 ug/l
RT: 13.477 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion:	105	Resp:	3274
Ion	Ratio	Lower	Upper
105	100		
120	40.5	23.0	69.0

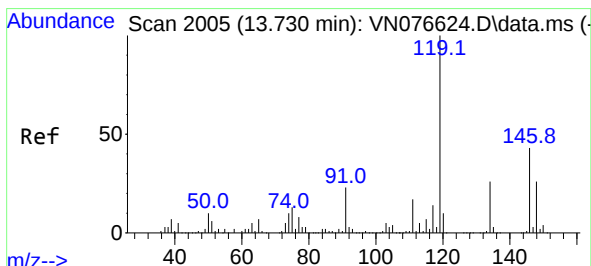
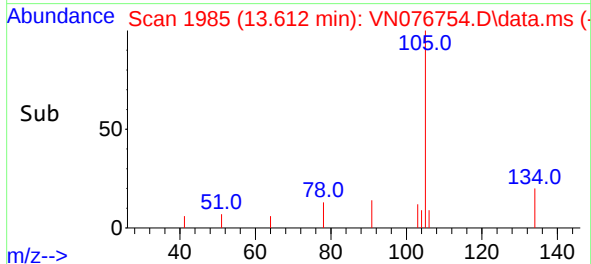
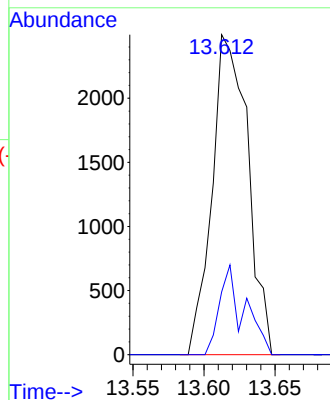
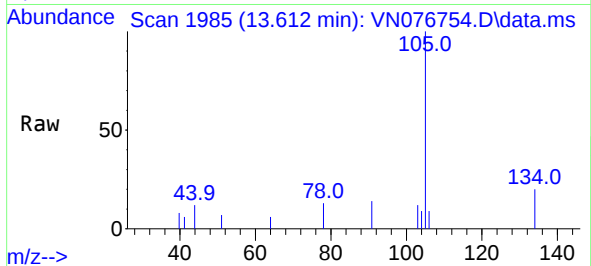




#85
 sec-Butylbenzene
 Concen: 0.387 ug/l
 RT: 13.612 min Scan# 1986
 Delta R.T. -0.007 min
 Lab File: VN076754.D
 Acq: 21 Feb 2023 16:49

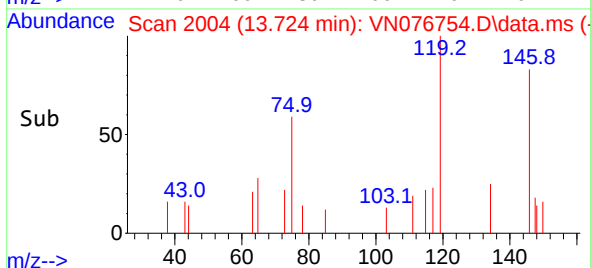
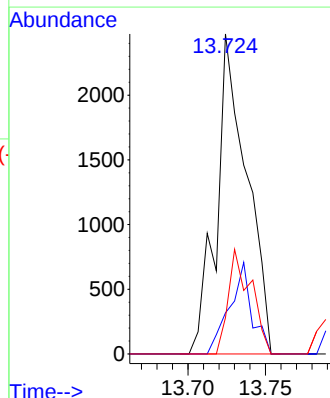
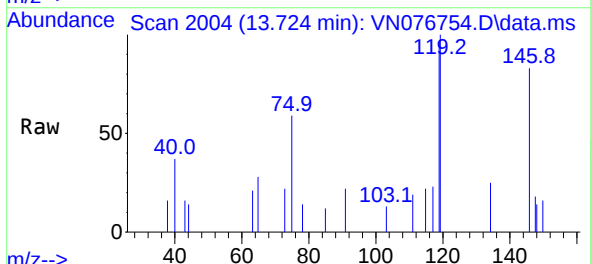
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

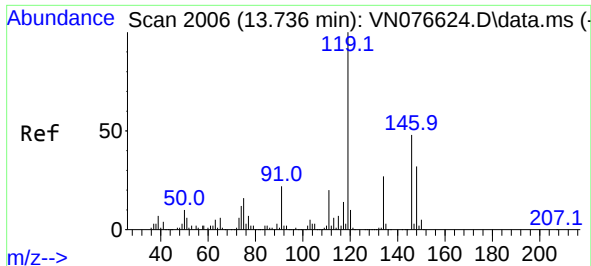
Tgt Ion:105 Resp: 4372
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 0.371 ug/l
 RT: 13.724 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: VN076754.D
 Acq: 21 Feb 2023 16:49

Tgt Ion:119 Resp: 3351
 Ion Ratio Lower Upper
 119 100
 134 21.1 13.4 40.1
 91 24.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 0.544 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN076754.D

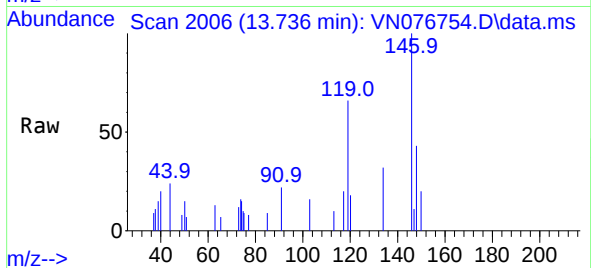
Acq: 21 Feb 2023 16:49

Instrument :

MSVOA_N

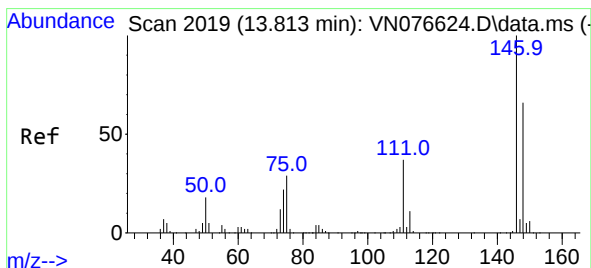
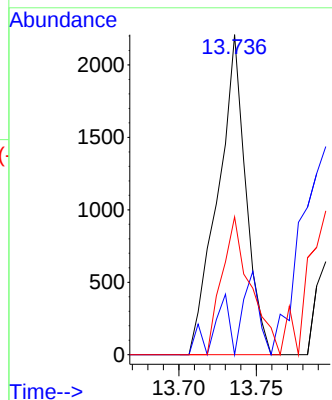
ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion:146 Resp: 2776

Ion	Ratio	Lower	Upper
146	100		
111	11.1	19.8	59.4#
148	44.0	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 0.621 ug/l

RT: 13.801 min Scan# 2017

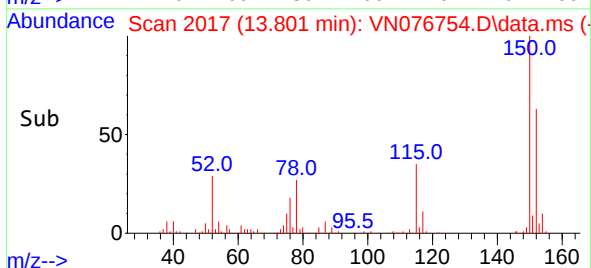
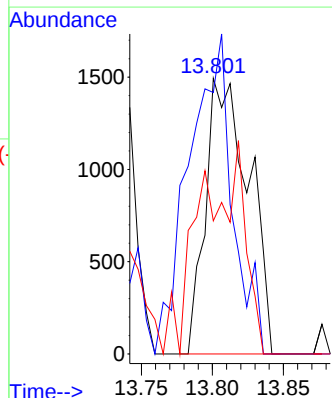
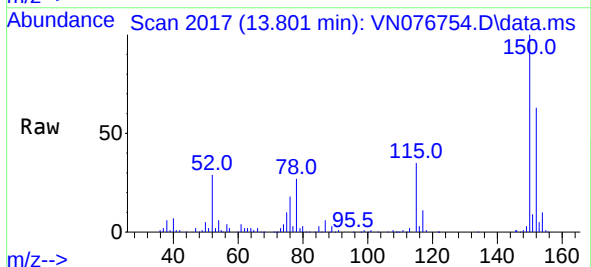
Delta R.T. -0.012 min

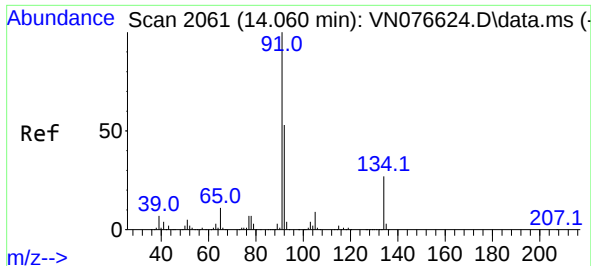
Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

Tgt Ion:146 Resp: 3159

Ion	Ratio	Lower	Upper
146	100		
111	116.1	19.4	58.1#
148	38.7	32.7	98.1



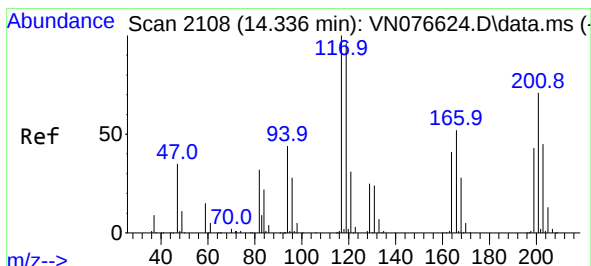
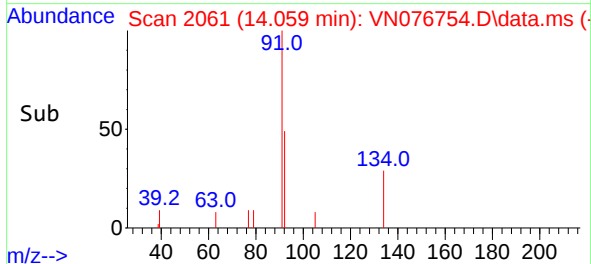
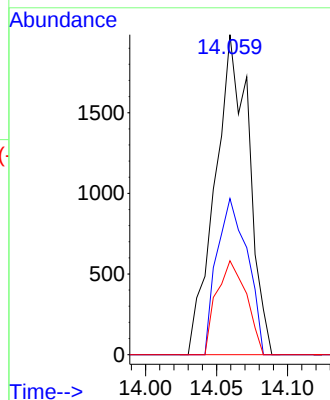
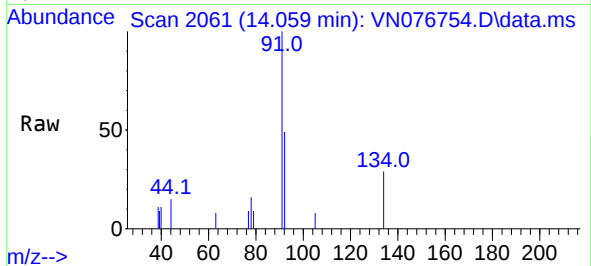


#89
n-Butylbenzene
Concen: 0.419 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 3290

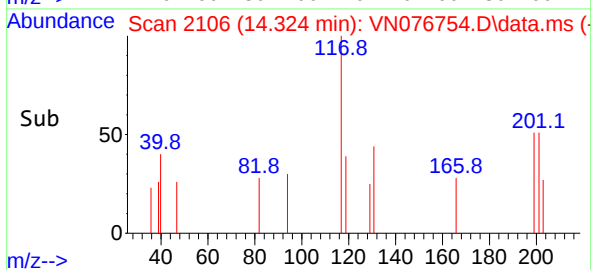
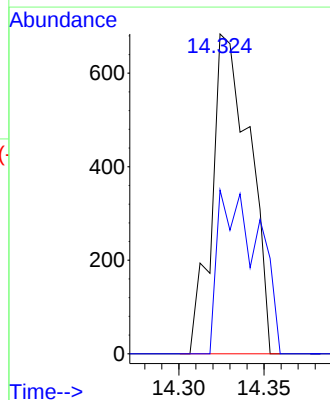
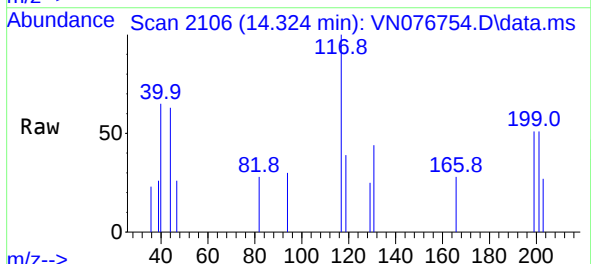
Ion	Ratio	Lower	Upper
91	100		
92	44.0	26.4	79.0
134	25.7	13.2	39.5

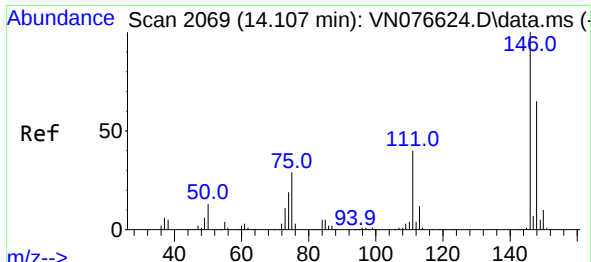


#90
Hexachloroethane
Concen: 0.557 ug/l
RT: 14.324 min Scan# 2106
Delta R.T. -0.012 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion: 117 Resp: 1052

Ion	Ratio	Lower	Upper
117	100		
201	54.8	35.5	106.7





#91

1,2-Dichlorobenzene

Concen: 0.340 ug/l

RT: 14.112 min Scan# 2069

Delta R.T. 0.005 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

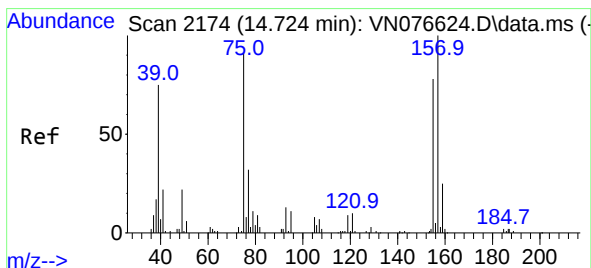
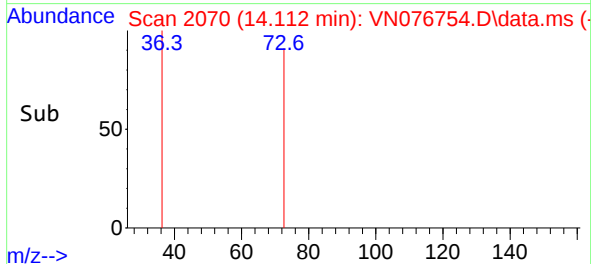
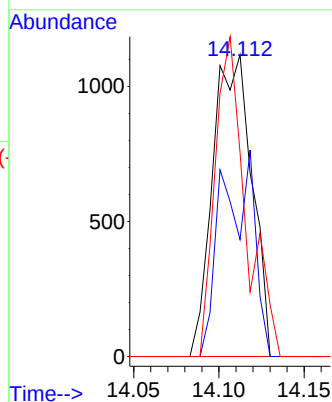
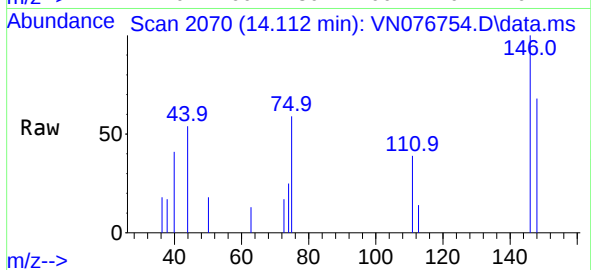
Tgt Ion:146 Resp: 1780

Ion Ratio Lower Upper

146 100

111 56.4 20.0 59.9

148 83.5 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.417 ug/l

RT: 14.730 min Scan# 2175

Delta R.T. 0.006 min

Lab File: VN076754.D

Acq: 21 Feb 2023 16:49

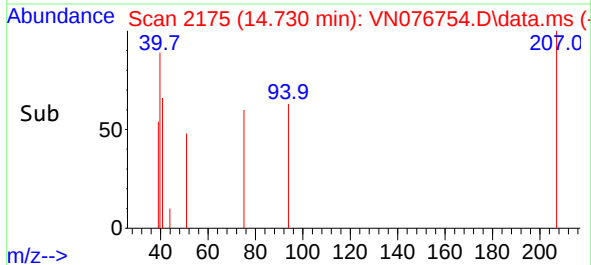
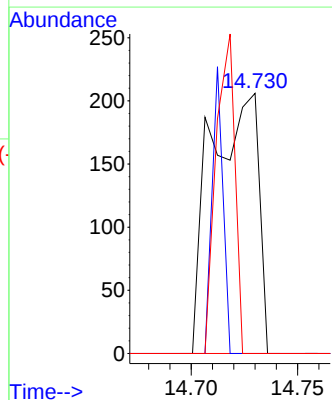
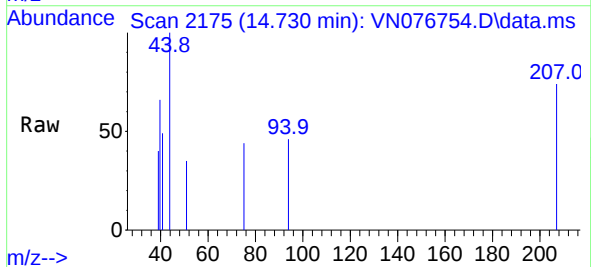
Tgt Ion: 75 Resp: 317

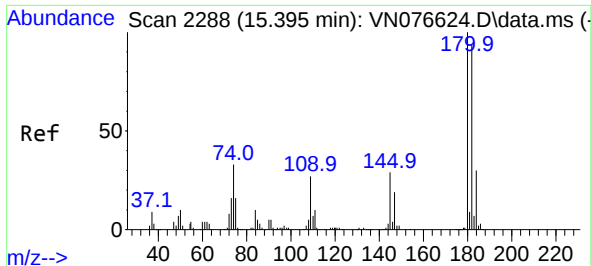
Ion Ratio Lower Upper

75 100

155 25.2 43.4 130.2#

157 48.9 55.2 165.6#

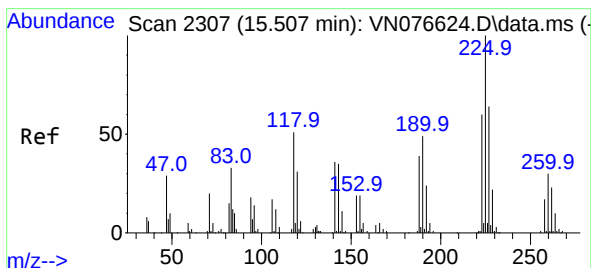
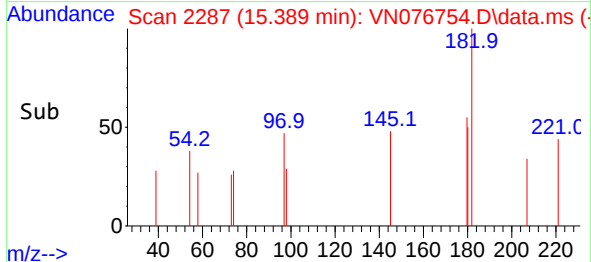
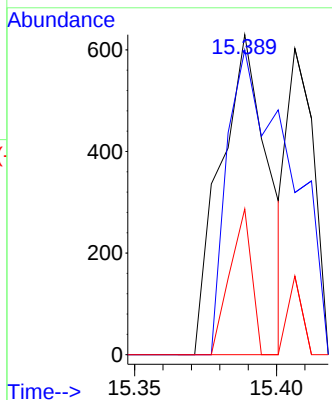
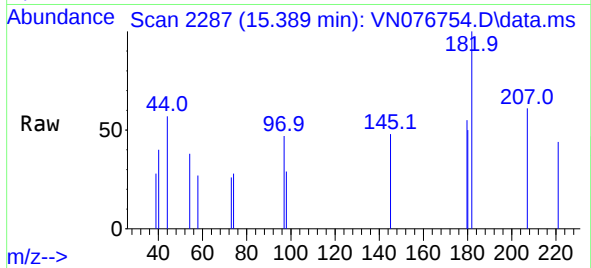




#93
1,2,4-Trichlorobenzene
Concen: 0.284 ug/l
RT: 15.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

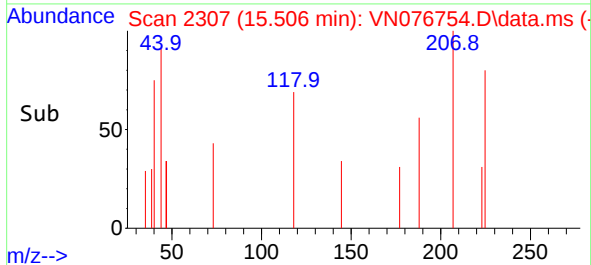
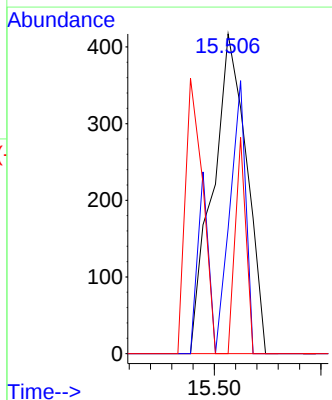
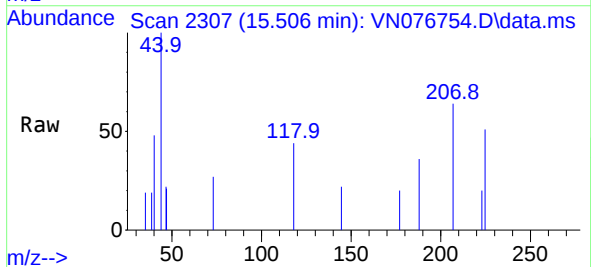
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

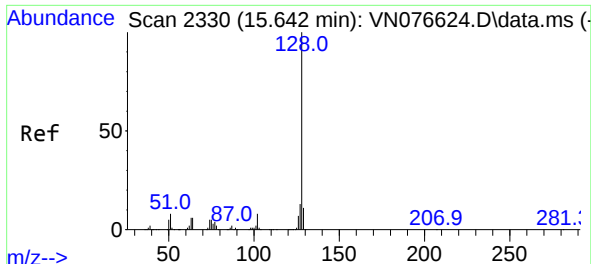
Tgt Ion:180 Resp: 742
Ion Ratio Lower Upper
180 100
182 124.1 48.0 144.0
145 20.8 15.2 45.6



#94
Hexachlorobutadiene
Concen: 0.359 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. -0.001 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion:225 Resp: 460
Ion Ratio Lower Upper
225 100
223 58.0 31.6 95.0
227 21.7 31.3 93.9#

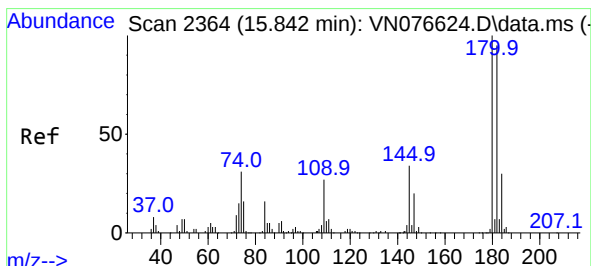
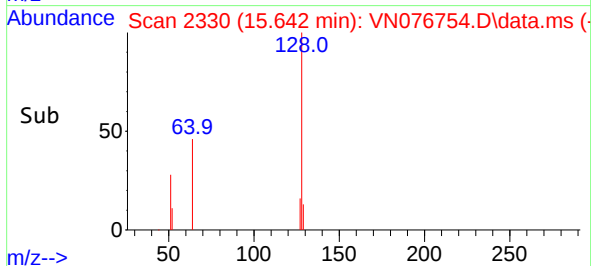
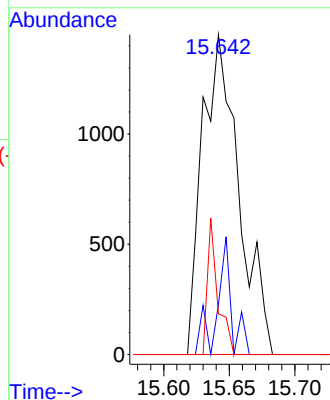
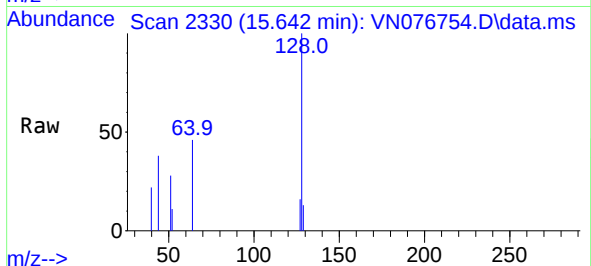




#95
Naphthalene
Concen: 0.356 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:128	Resp:	2818	
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.6	16.0
129	12.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.569 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076754.D
Acq: 21 Feb 2023 16:49

Tgt Ion:180	Resp:	1440	
Ion	Ratio	Lower	Upper
180	100		
182	36.7	46.7	140.1#
145	15.1	16.0	47.9#

