

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076753.D
 Acq On : 21 Feb 2023 16:25
 Operator : JC\MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 22 04:12:29 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	211787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	389303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	336932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	133914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	219081	74.913	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 149.820%#	
35) Dibromofluoromethane	8.172	113	164988	64.714	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 129.420%#	
50) Toluene-d8	10.571	98	613115	64.395	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 128.800%#	
62) 4-Bromofluorobenzene	12.854	95	174513	55.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.680%	

Target Compounds						Qvalue
3) Chloromethane	2.378	50	1045	0.356	ug/l #	79
4) Vinyl Chloride	2.531	62	581	0.201	ug/l #	45
5) Bromomethane	2.966	94	759	0.434	ug/l #	63
11) Tert butyl alcohol	5.519	59	111	0.288	ug/l #	71
13) Acrolein	4.195	56	472	0.814	ug/l #	1
16) Acetone	4.442	43	1475	1.129	ug/l #	42
18) Methyl Acetate	5.072	43	1167	0.274	ug/l #	54
20) Methylene Chloride	5.289	84	1746	0.638	ug/l #	44
21) trans-1,2-Dichloroethene	5.807	96	517	0.210	ug/l #	12
23) Vinyl Acetate	6.625	43	4425	0.842	ug/l #	73
24) 1,1-Dichloroethane	6.589	63	1032	0.212	ug/l #	81
25) 2-Butanone	7.501	43	1479	0.768	ug/l #	82
28) Bromochloromethane	7.830	49	665	0.287	ug/l #	59
29) Tetrahydrofuran	7.836	42	537	0.427	ug/l #	45
31) Cyclohexane	8.230	56	7560	1.648	ug/l #	57
36) 1,1-Dichloropropene	8.236	75	18565	5.040	ug/l #	50
38) Carbon Tetrachloride	8.372	117	985	0.265	ug/l #	38
40) Benzene	8.613	78	2540	0.225	ug/l #	77
42) 1,2-Dichloroethane	8.672	62	923	0.234	ug/l	100
44) Trichloroethene	9.348	130	648	0.242	ug/l	55
48) Methyl methacrylate	9.683	41	763	0.255	ug/l #	44
49) 1,4-Dioxane	9.672	88	64	1.236	ug/l #	23
51) 4-Methyl-2-Pentanone	10.442	43	3850	0.960	ug/l #	80
58) 2-Chloroethyl Vinyl ether	10.166	63	1756	0.981	ug/l #	68
59) 2-Hexanone	11.195	43	2518	0.870	ug/l	82
64) Tetrachloroethene	11.113	164	480	0.226	ug/l #	38
68) m/p-Xylenes	12.066	106	1683	0.359	ug/l	95
71) Bromoform	12.854	173	2510	1.319	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.936	83	797	0.224	ug/l #	90
76) 1,2,3-Trichloropropane	12.854	75	101188	37.375	ug/l #	1
77) Bromobenzene	12.983	156	491	0.200	ug/l	49
78) n-propylbenzene	13.042	91	2900	0.252	ug/l	84
79) 2-Chlorotoluene	13.218	91	1463	0.207	ug/l	76
81) trans-1,4-Dichloro-2-b...	12.854	75	101188	108.858	ug/l #	4
82) 4-Chlorotoluene	13.218	91	1463	0.207	ug/l	76
87) 1,3-Dichlorobenzene	13.724	146	957	0.207	ug/l	83

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Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

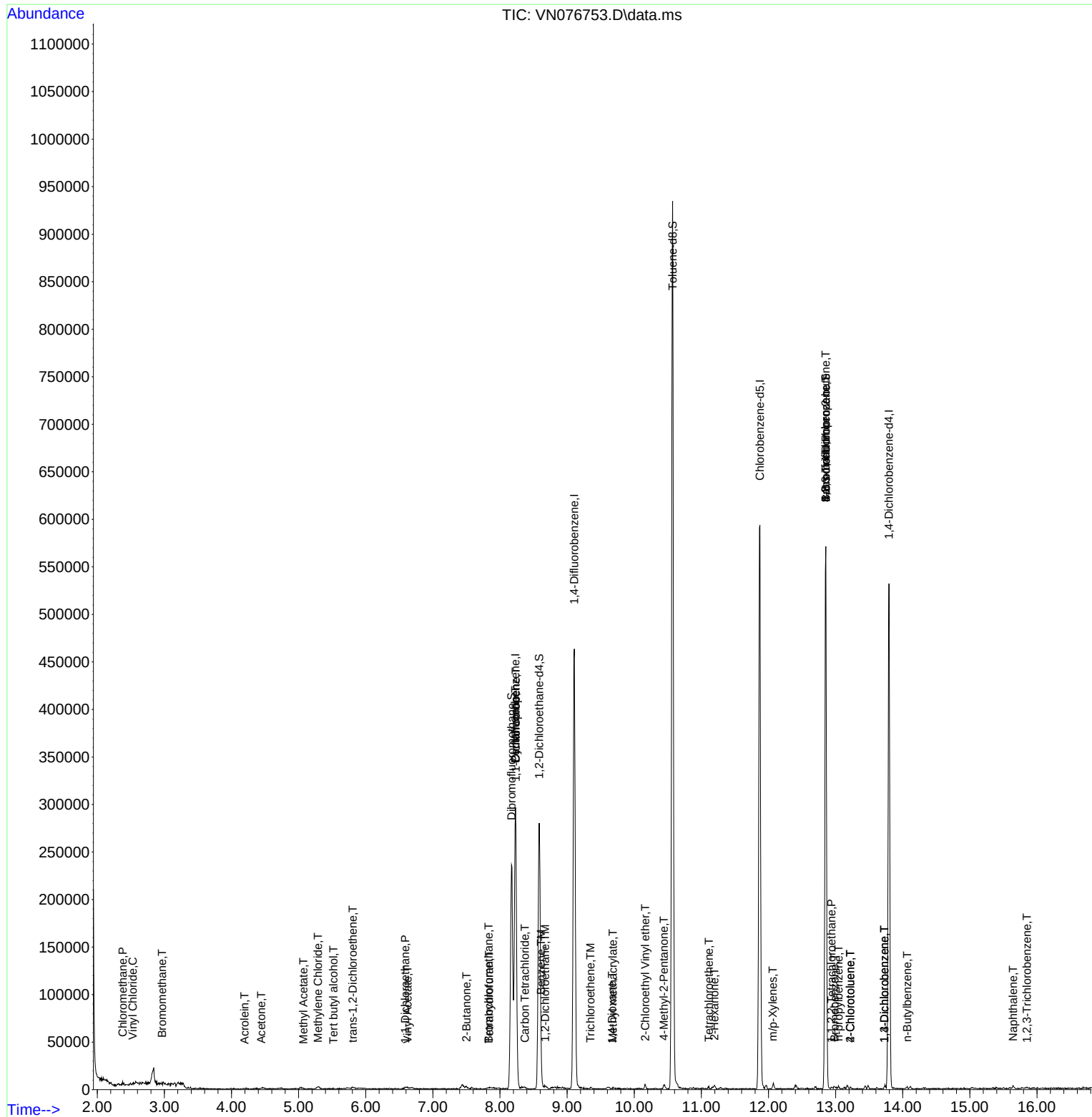
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.724	146	957	0.208	ug/l	84
89) n-Butylbenzene	14.065	91	1509	0.212	ug/l #	76
95) Naphthalene	15.642	128	2161	0.301	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.848	180	645	0.281	ug/l #	68

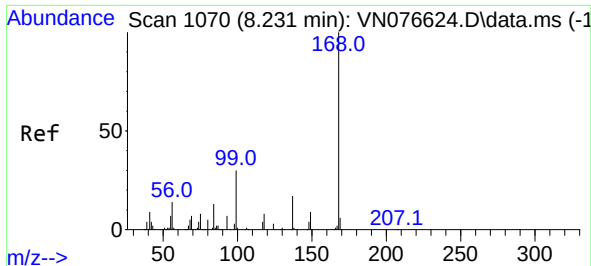
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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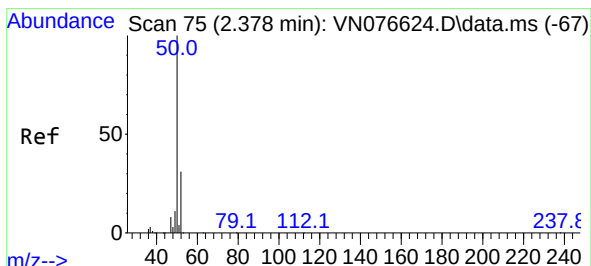
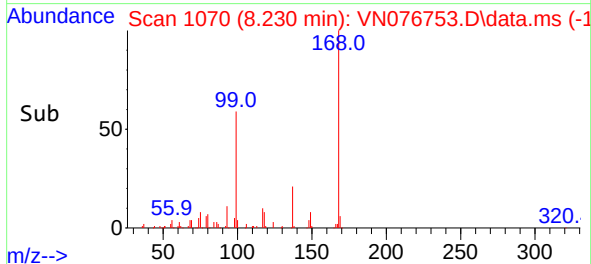
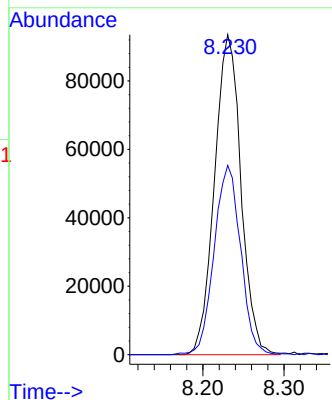
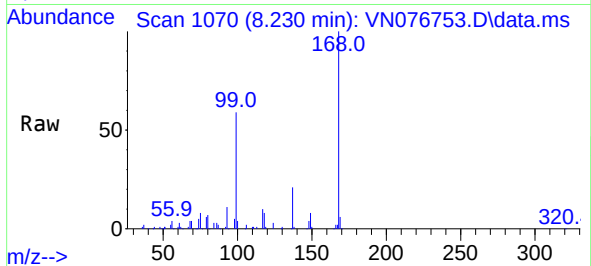




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

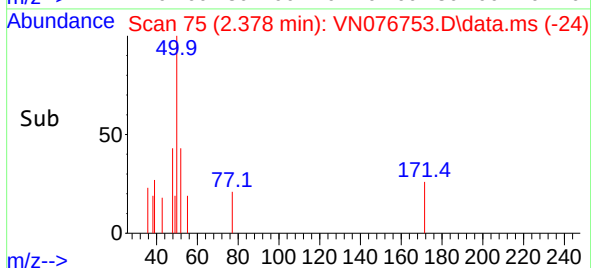
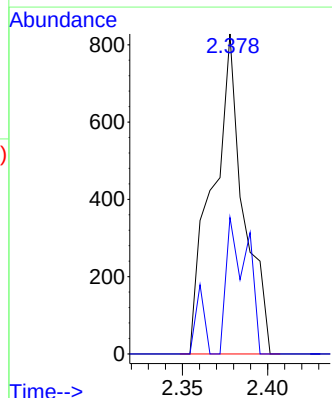
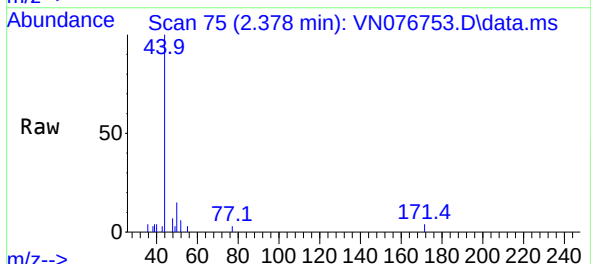
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

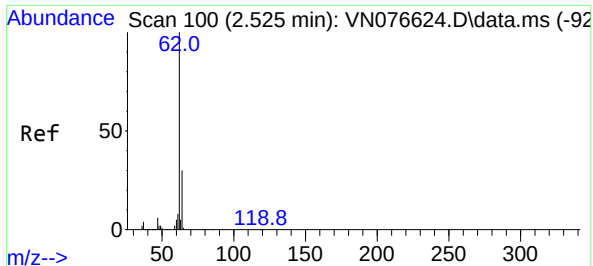
Tgt Ion:168 Resp: 211787
Ion Ratio Lower Upper
168 100
99 58.9 44.8 67.2



#3
Chloromethane
Concen: 0.356 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 50 Resp: 1045
Ion Ratio Lower Upper
50 100
52 42.6 24.7 37.1#

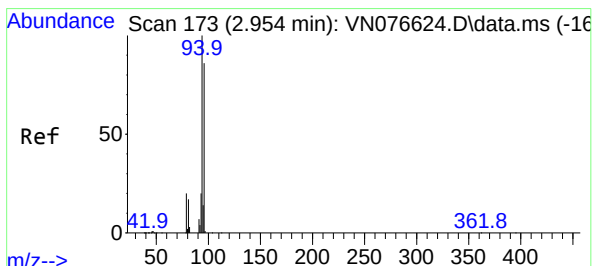
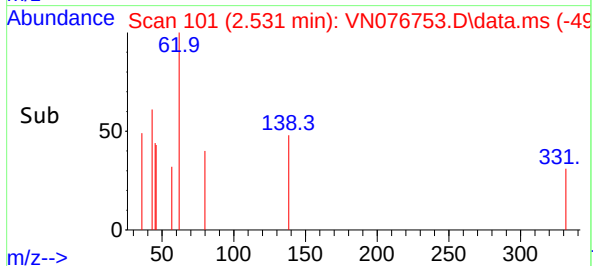
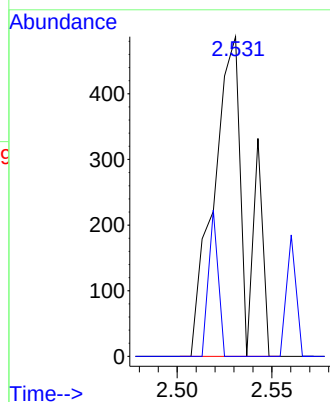
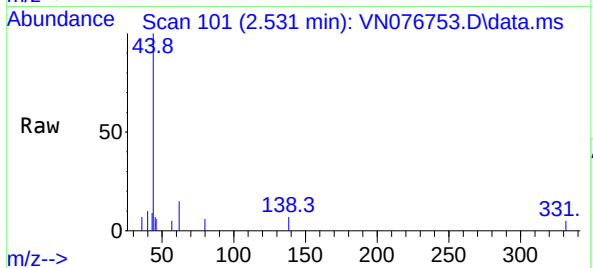




#4
 Vinyl Chloride
 Concen: 0.201 ug/l
 RT: 2.531 min Scan# 101
 Delta R.T. 0.006 min
 Lab File: VN076753.D
 Acq: 21 Feb 2023 16:25

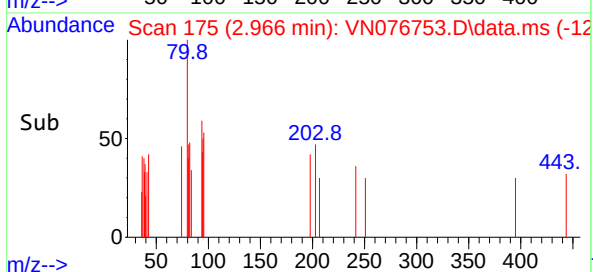
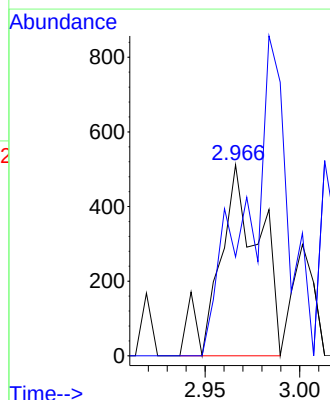
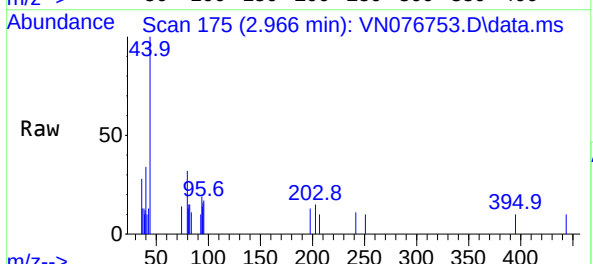
Instrument :
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 ClientSampleId :
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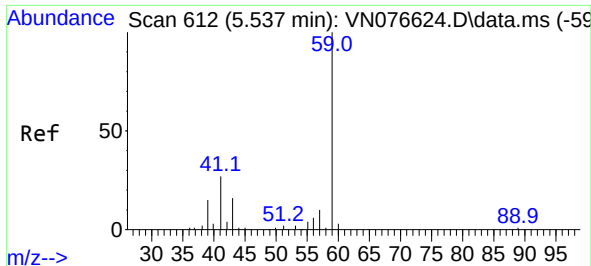
Tgt Ion: 62 Resp: 581
 Ion Ratio Lower Upper
 62 100
 64 0.0 23.9 35.9#



#5
 Bromomethane
 Concen: 0.434 ug/l
 RT: 2.966 min Scan# 175
 Delta R.T. 0.012 min
 Lab File: VN076753.D
 Acq: 21 Feb 2023 16:25

Tgt Ion: 94 Resp: 759
 Ion Ratio Lower Upper
 94 100
 96 51.8 69.0 103.4#

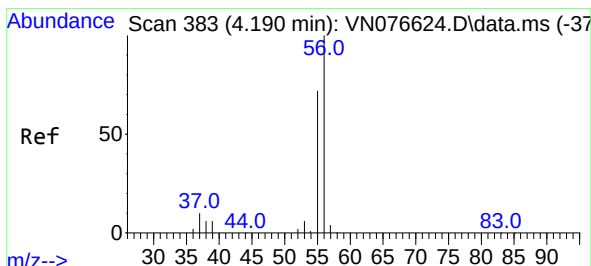
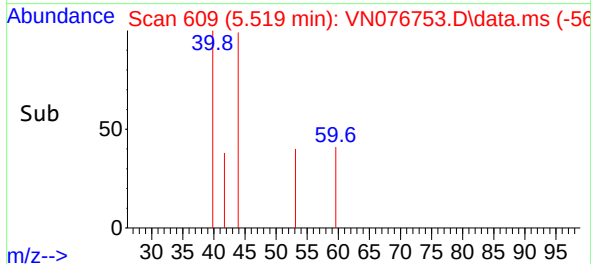
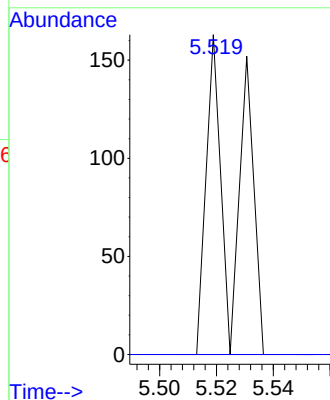
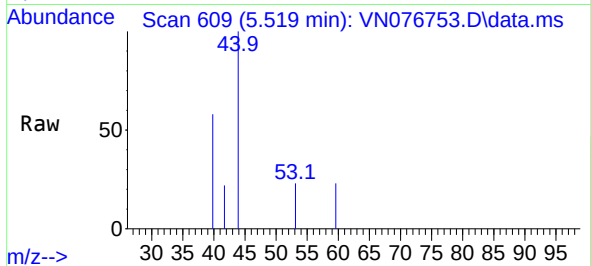




#11
Tert butyl alcohol
Concen: 0.288 ug/l
RT: 5.519 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

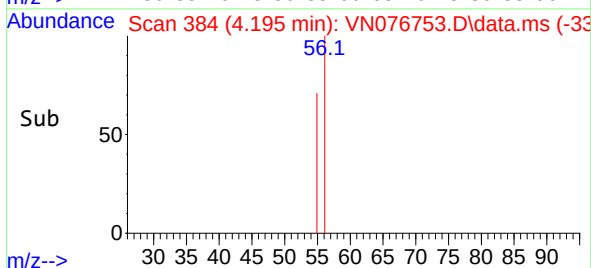
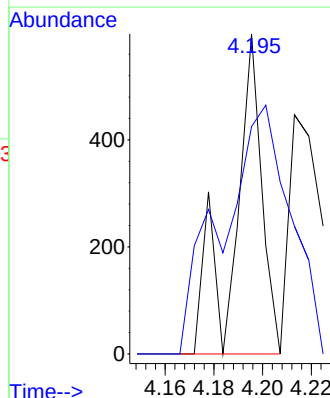
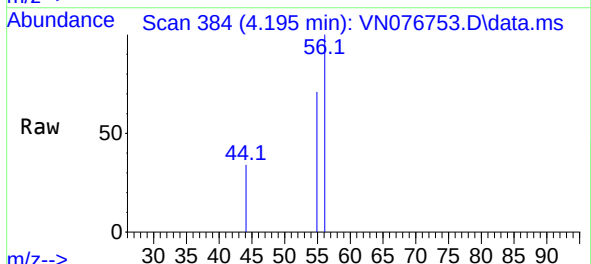
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ClientSampleId :
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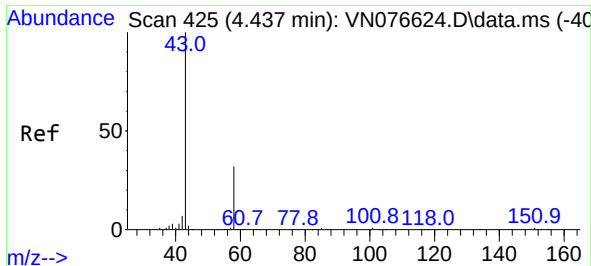
Tgt Ion: 59 Resp: 111
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.814 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.005 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 56 Resp: 472
Ion Ratio Lower Upper
56 100
55 191.9 56.3 84.5#

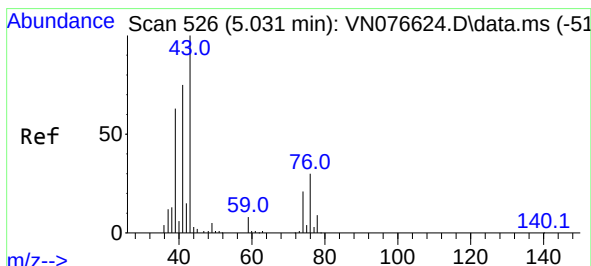
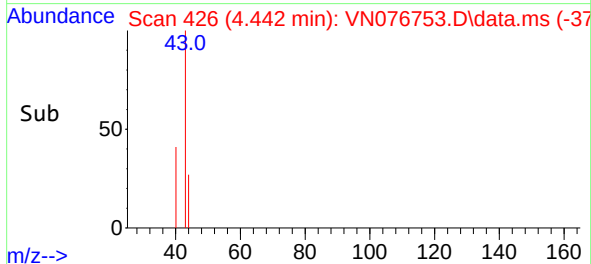
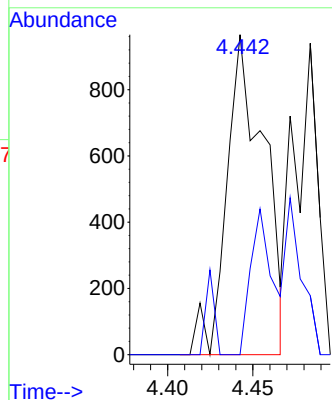
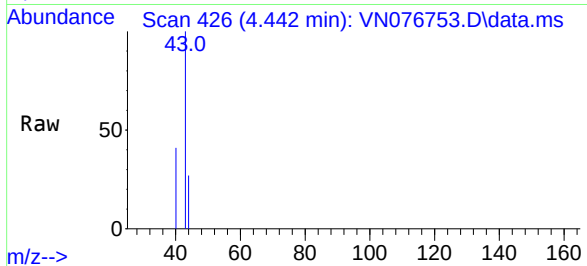




#16
Acetone
Concen: 1.129 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

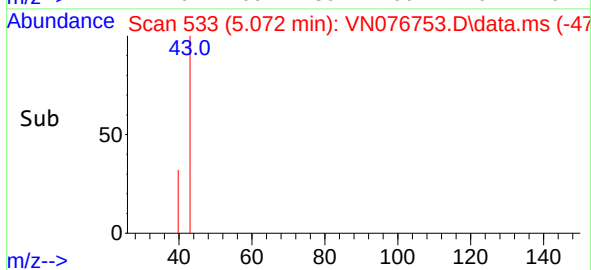
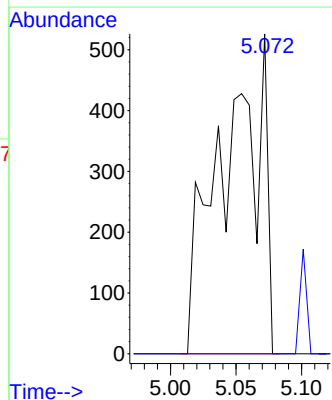
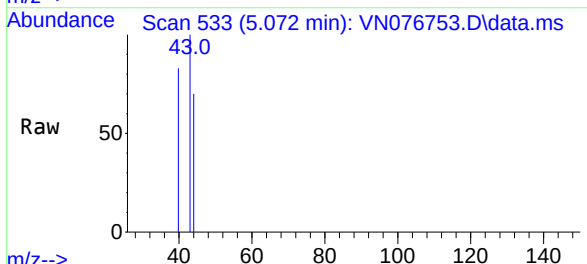
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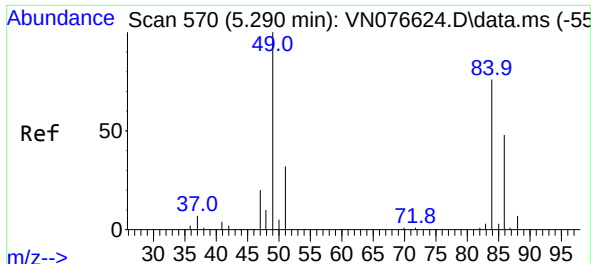
Tgt Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#



#18
Methyl Acetate
Concen: 0.274 ug/l
RT: 5.072 min Scan# 533
Delta R.T. 0.041 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

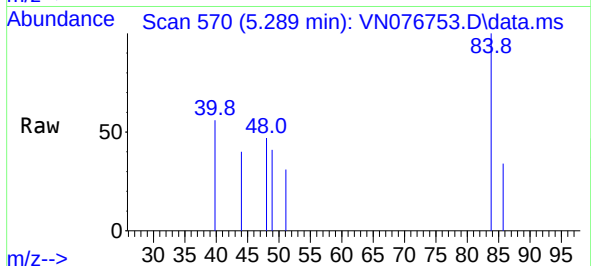
Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#





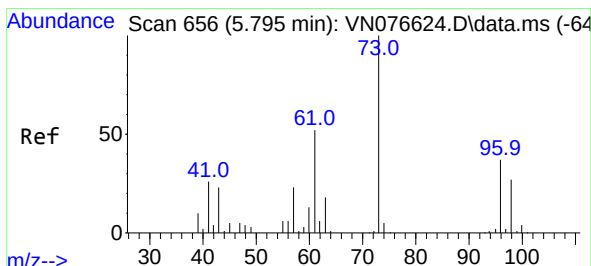
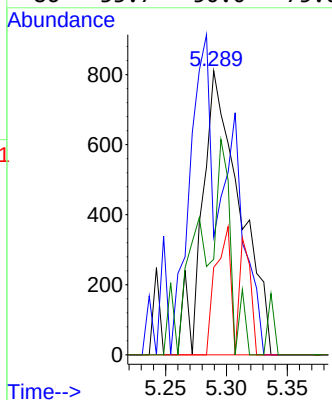
#20
Methylene Chloride
Concen: 0.638 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN076753.D
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LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 84 Resp: 1746

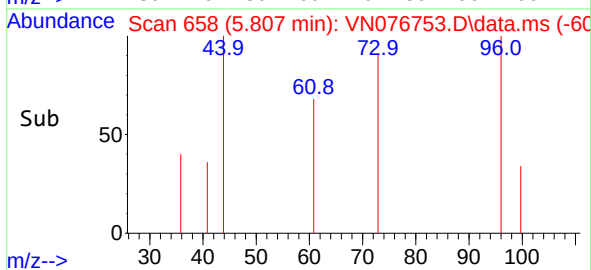
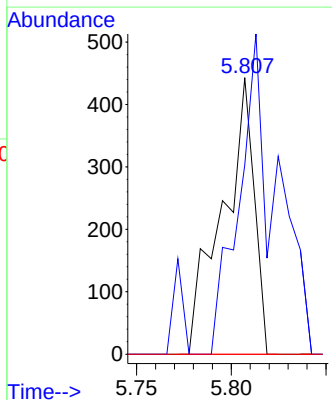
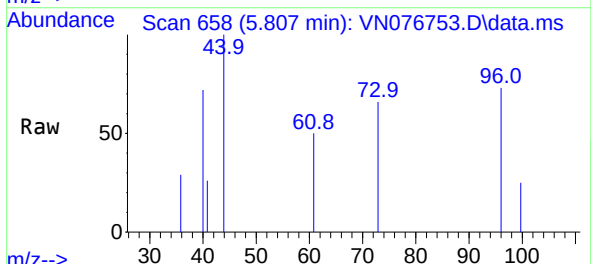
Ion	Ratio	Lower	Upper
84	100		
49	41.4	104.9	157.3#
51	30.8	33.8	50.8#
86	33.7	50.0	75.0#

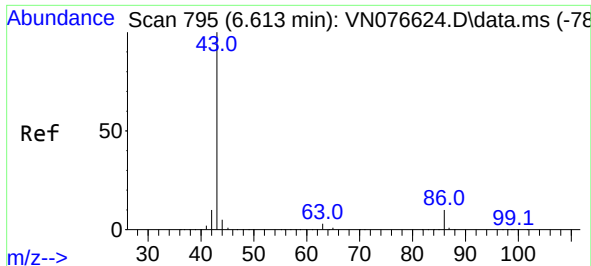


#21
trans-1,2-Dichloroethene
Concen: 0.210 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.012 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 96 Resp: 517

Ion	Ratio	Lower	Upper
96	100		
61	33.9	113.9	170.9#
98	0.0	59.4	89.0#

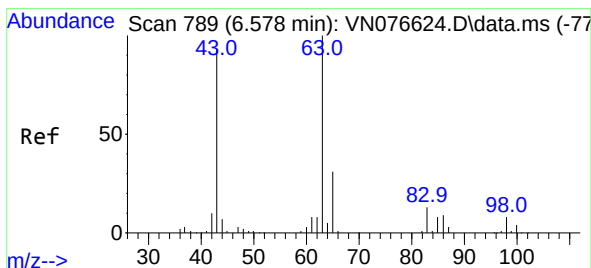
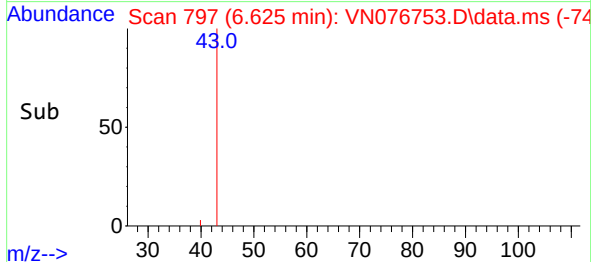
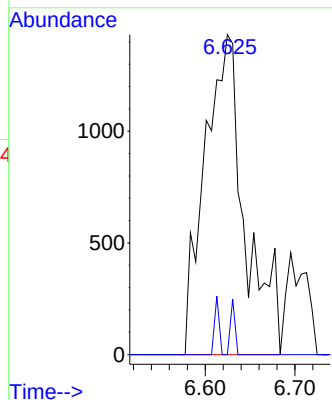
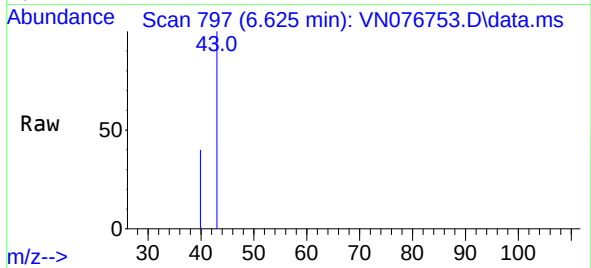




#23
 Vinyl Acetate
 Concen: 0.842 ug/l
 RT: 6.625 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN076753.D
 Acq: 21 Feb 2023 16:25

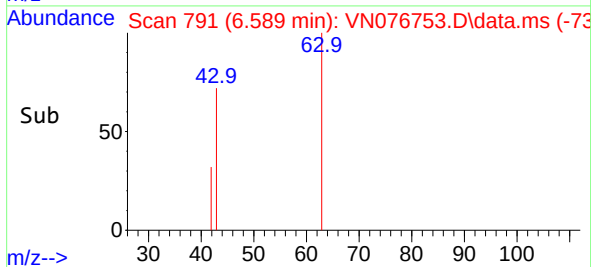
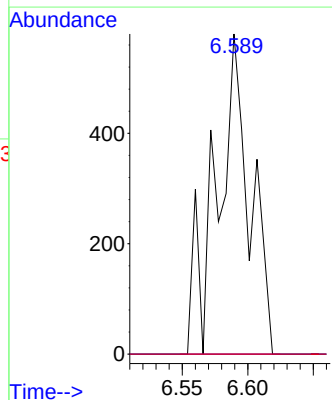
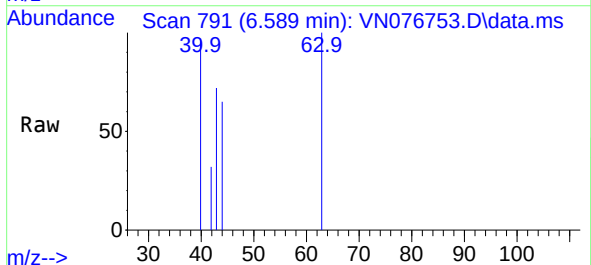
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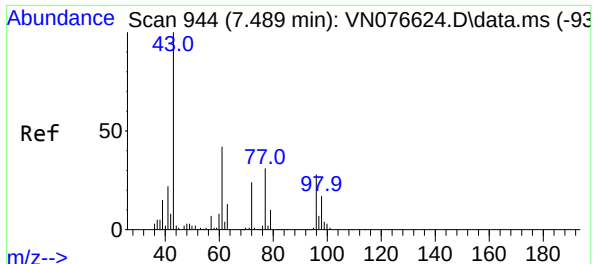
Tgt Ion: 43 Resp: 4425
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 0.212 ug/l
 RT: 6.589 min Scan# 791
 Delta R.T. 0.011 min
 Lab File: VN076753.D
 Acq: 21 Feb 2023 16:25

Tgt Ion: 63 Resp: 1032
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.1 12.3#
 100 0.0 2.0 5.8#

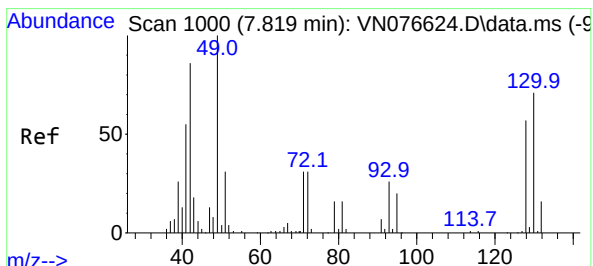
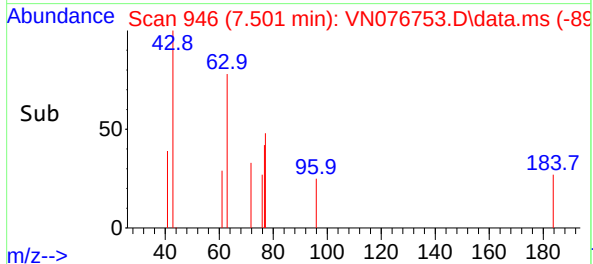
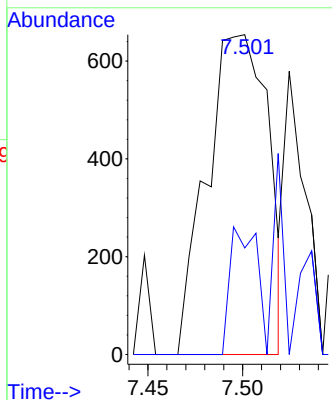
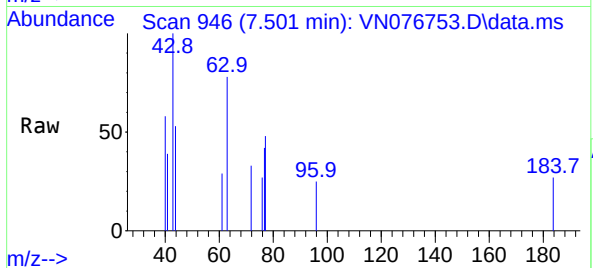




#25
2-Butanone
Concen: 0.768 ug/l
RT: 7.501 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

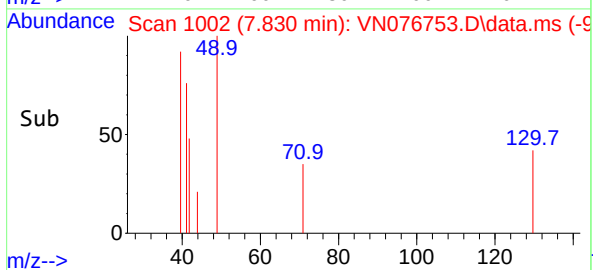
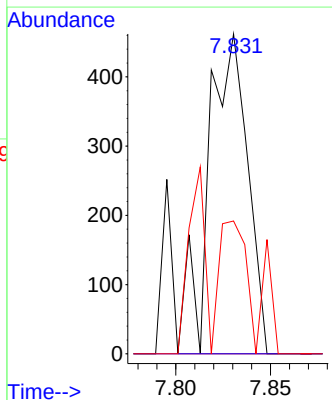
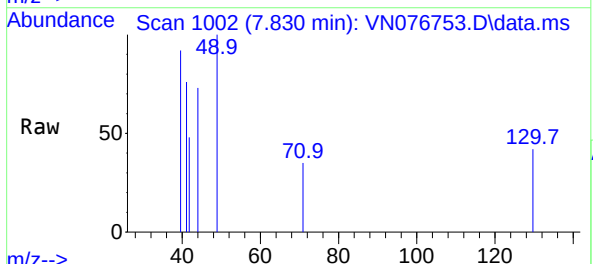
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

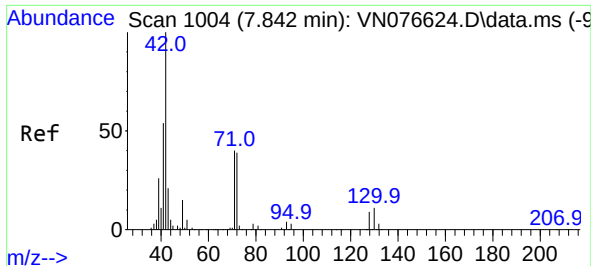
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
72 33.3 19.4 29.2#



#28
Bromochloromethane
Concen: 0.287 ug/l
RT: 7.830 min Scan# 1002
Delta R.T. 0.011 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 49 Resp: 665
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 37.3 57.8 86.8#





#29

Tetrahydrofuran

Concen: 0.427 ug/l

RT: 7.836 min Scan# 10

Delta R.T. -0.006 min

Lab File: VN076753.D

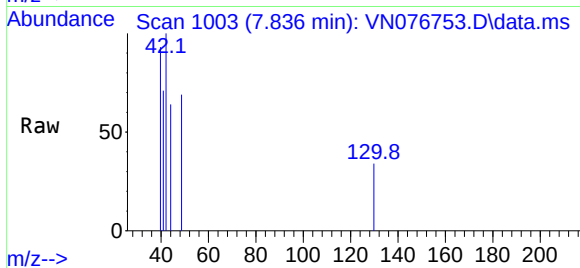
Acq: 21 Feb 2023 16:25

Instrument :

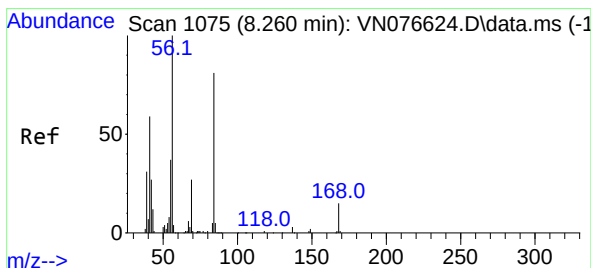
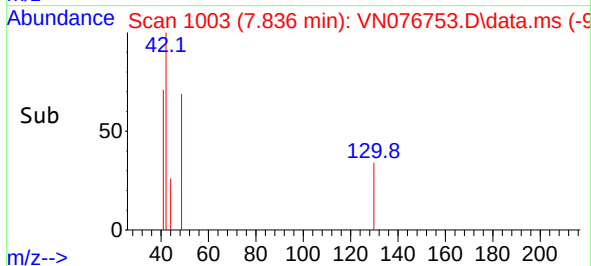
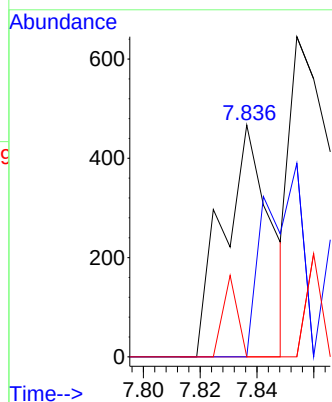
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion:	42	Resp:	537
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	10.8	29.8	44.8#



#31

Cyclohexane

Concen: 1.648 ug/l

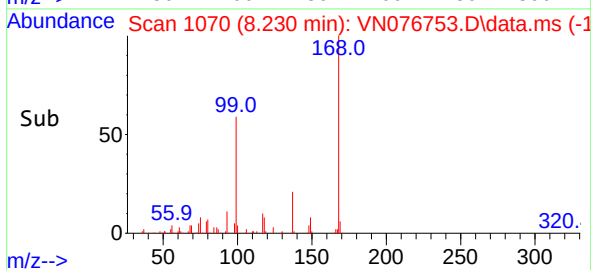
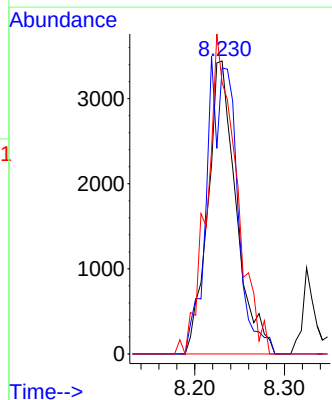
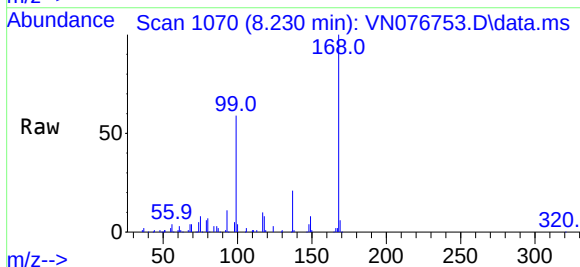
RT: 8.230 min Scan# 1070

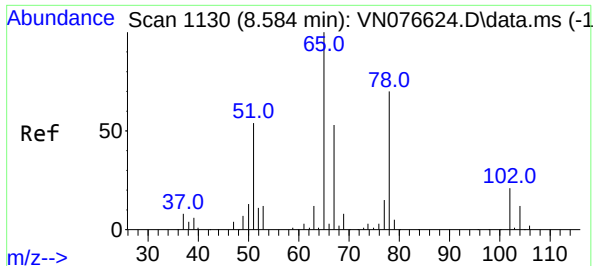
Delta R.T. -0.030 min

Lab File: VN076753.D

Acq: 21 Feb 2023 16:25

Tgt Ion:	56	Resp:	7560
Ion	Ratio	Lower	Upper
56	100		
69	97.6	21.6	32.4#
84	92.6	65.1	97.7

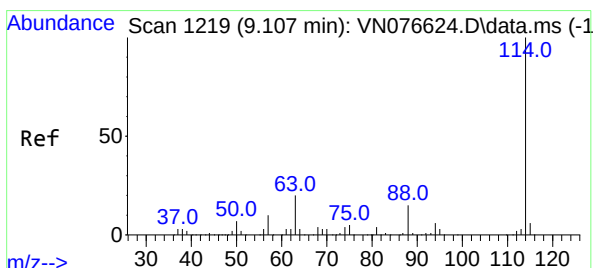
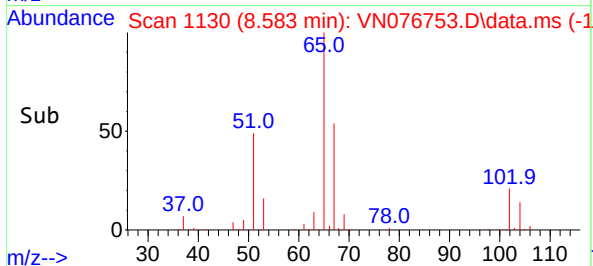
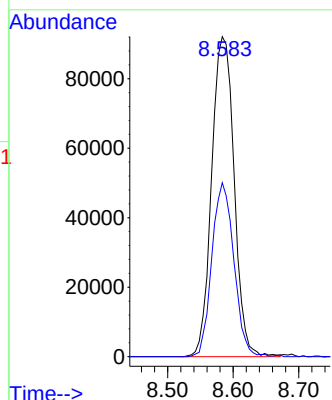
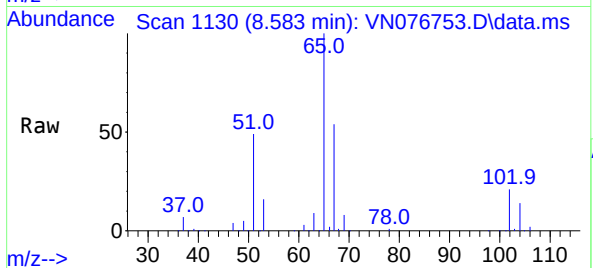




#33
1,2-Dichloroethane-d4
Concen: 74.913 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

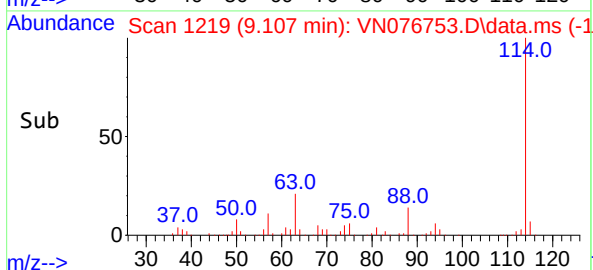
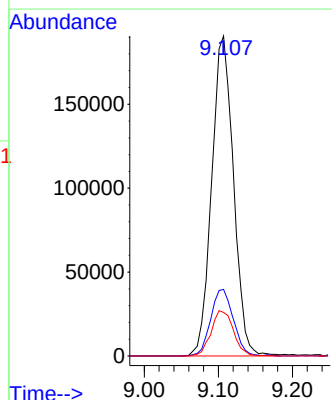
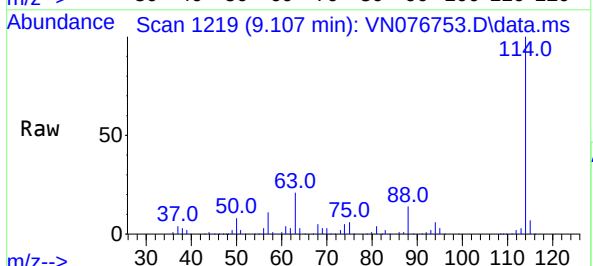
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

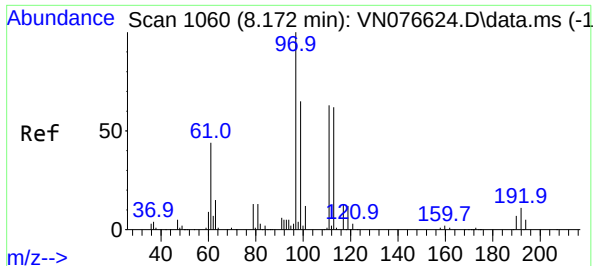
Tgt Ion: 65 Resp: 219081
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 114 Resp: 389303
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.0
88 13.6 0.0 29.6

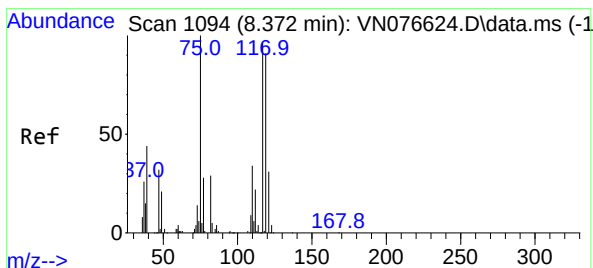
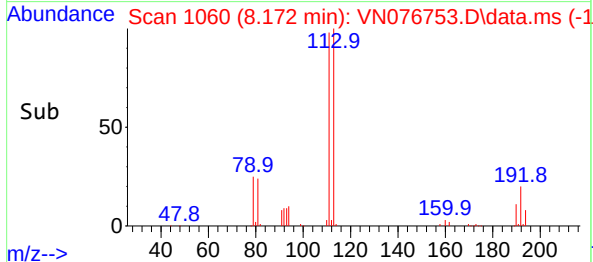
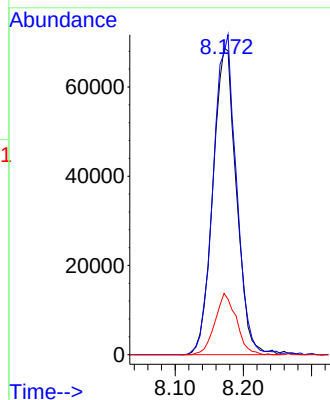
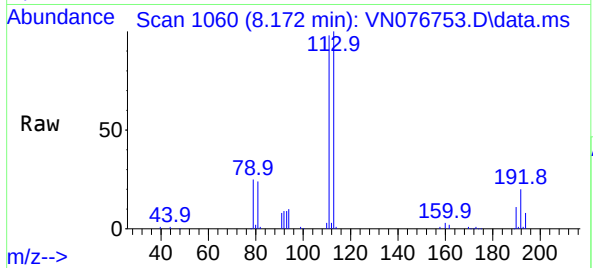




#35
Dibromofluoromethane
Concen: 64.714 ug/l
RT: 8.172 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

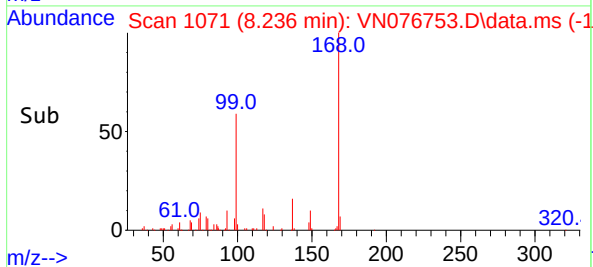
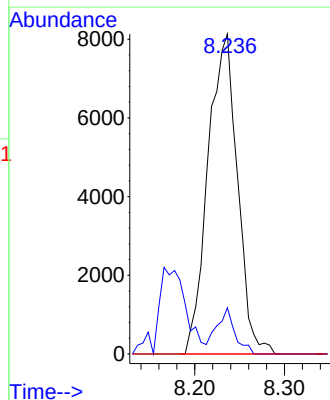
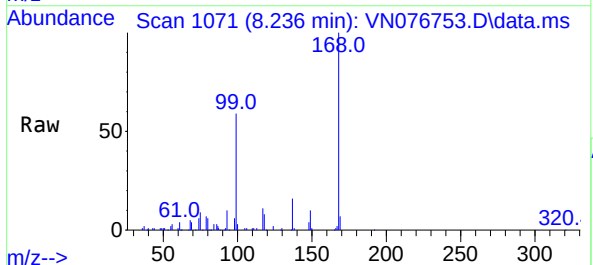
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

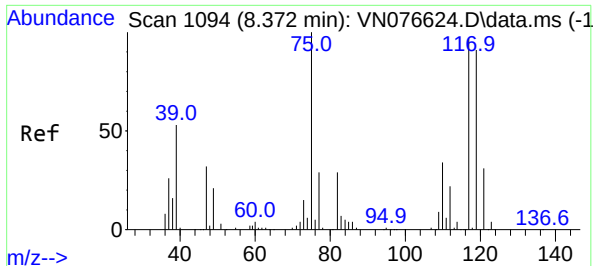
Tgt Ion:113 Resp: 164988
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 18.3 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.136 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 75 Resp: 18565
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.5 36.7#

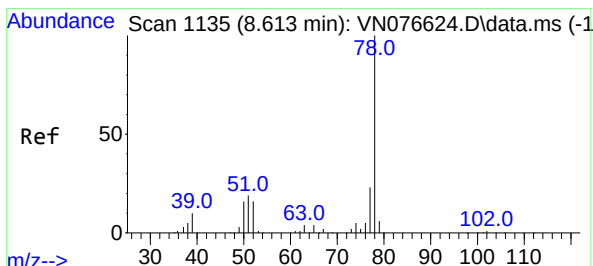
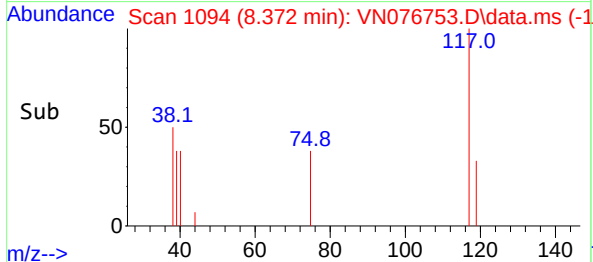
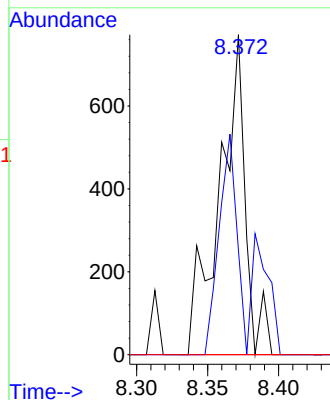
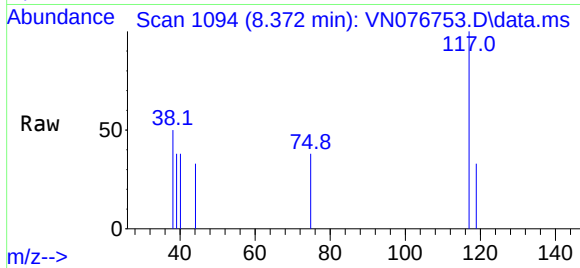




#38
Carbon Tetrachloride
Concen: 0.265 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

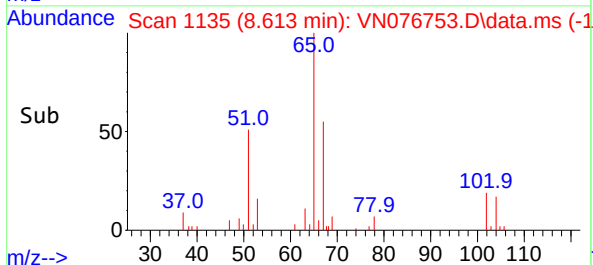
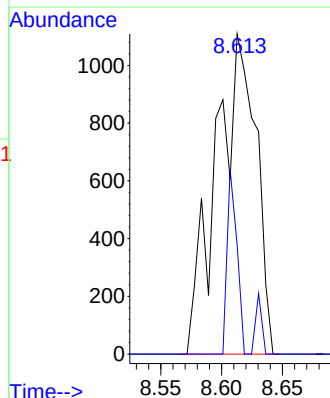
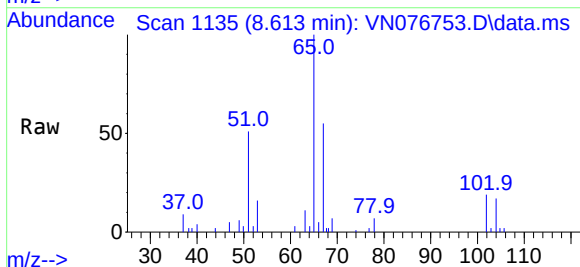
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

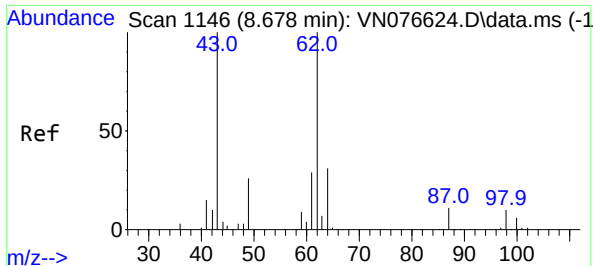
Tgt Ion:117 Resp: 985
Ion Ratio Lower Upper
117 100
119 32.6 75.4 113.0#
121 0.0 26.0 39.0#



#40
Benzene
Concen: 0.225 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 78 Resp: 2540
Ion Ratio Lower Upper
78 100
77 34.1 18.2 27.4#





#42

1,2-Dichloroethane

Concen: 0.234 ug/l

RT: 8.672 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN076753.D

Acq: 21 Feb 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

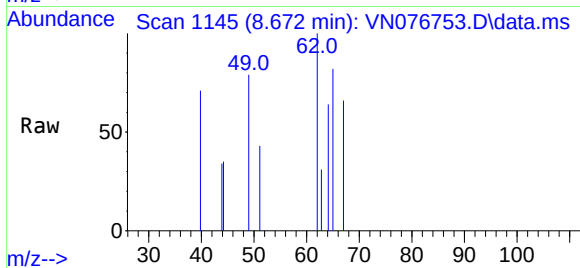
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 62 Resp: 923

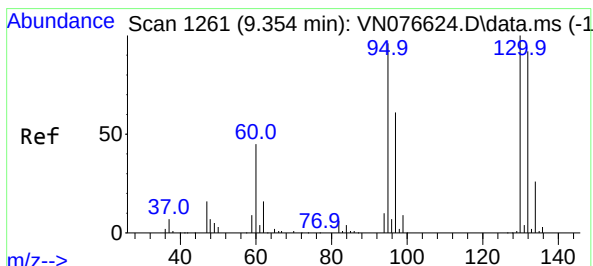
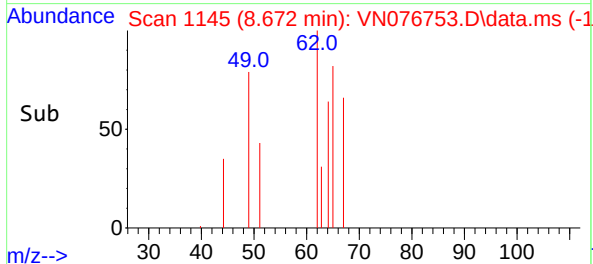
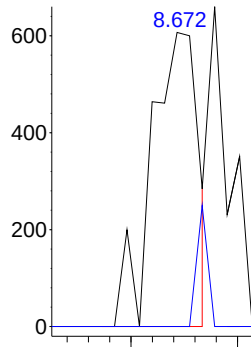
Ion Ratio Lower Upper

62 100

98 9.5 0.0 19.2



Abundance



#44

Trichloroethene

Concen: 0.242 ug/l

RT: 9.348 min Scan# 1260

Delta R.T. -0.006 min

Lab File: VN076753.D

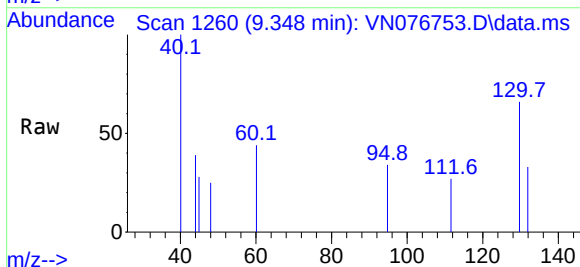
Acq: 21 Feb 2023 16:25

Tgt Ion: 130 Resp: 648

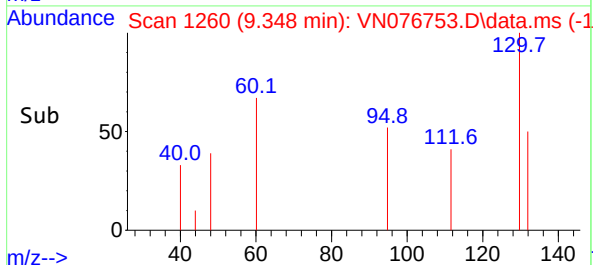
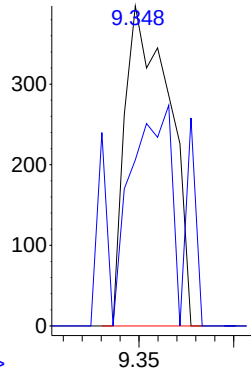
Ion Ratio Lower Upper

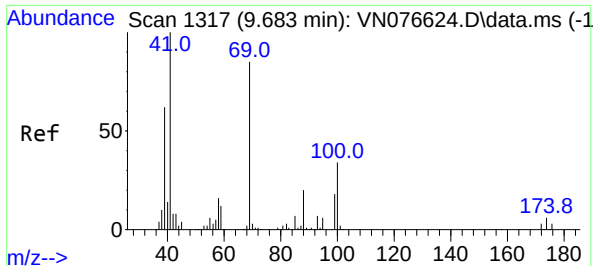
130 100

95 51.9 0.0 191.4



Abundance





#48

Methyl methacrylate

Concen: 0.255 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN076753.D

Acq: 21 Feb 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

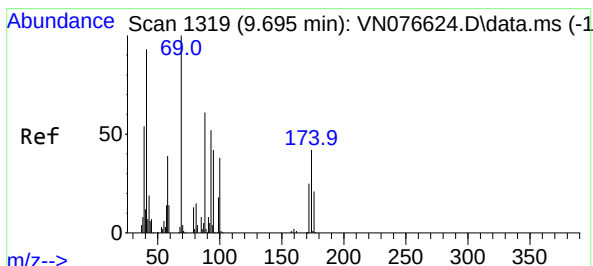
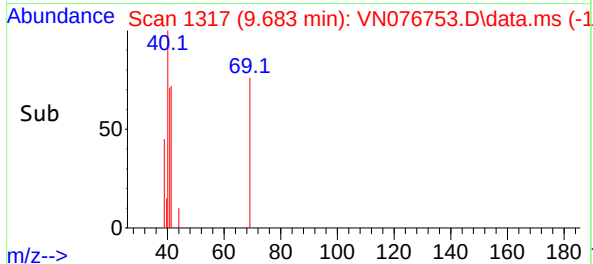
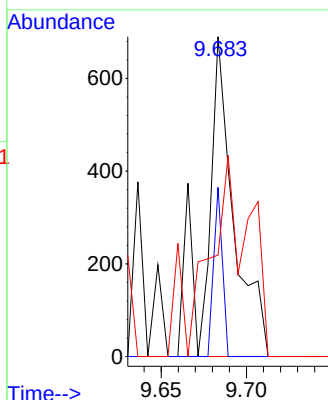
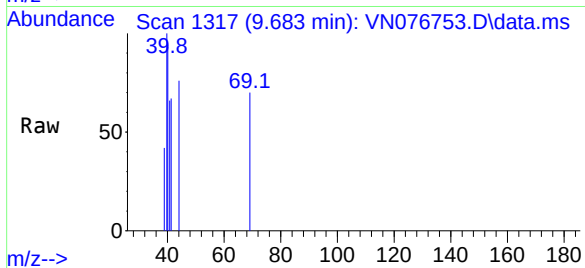
Tgt Ion: 41 Resp: 763

Ion Ratio Lower Upper

41 100

69 16.9 65.4 98.0#

39 86.9 49.3 73.9#



#49

1,4-Dioxane

Concen: 1.236 ug/l

RT: 9.672 min Scan# 1315

Delta R.T. -0.023 min

Lab File: VN076753.D

Acq: 21 Feb 2023 16:25

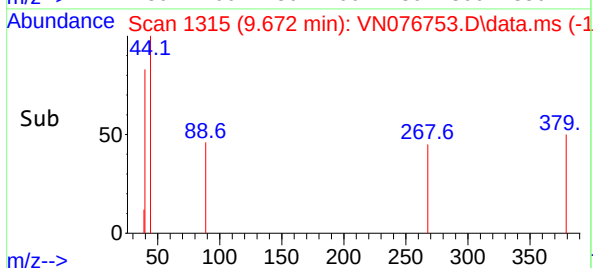
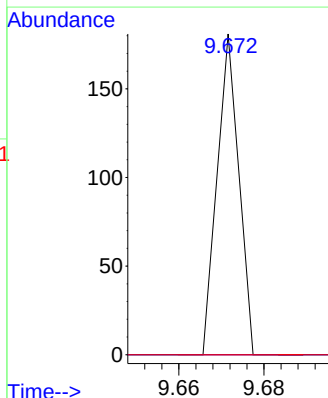
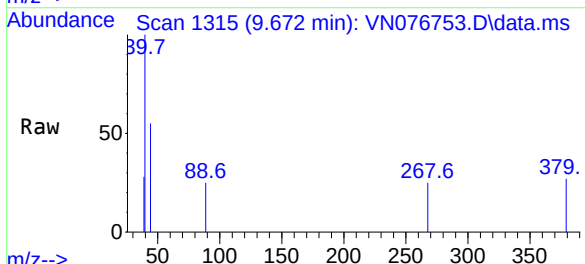
Tgt Ion: 88 Resp: 64

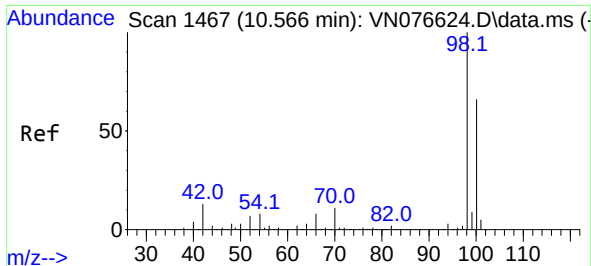
Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8#

58 0.0 57.6 86.4#

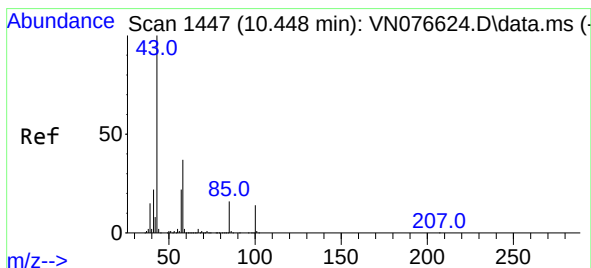
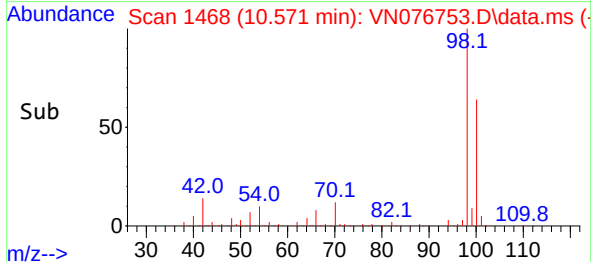
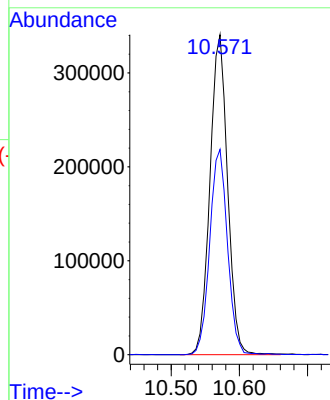
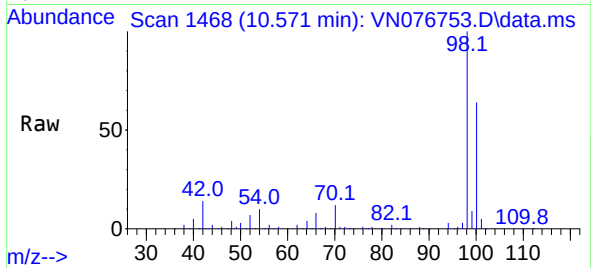




#50
Toluene-d8
Concen: 64.395 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

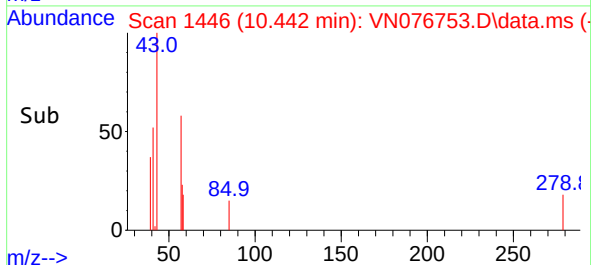
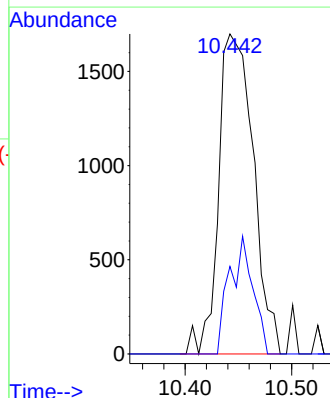
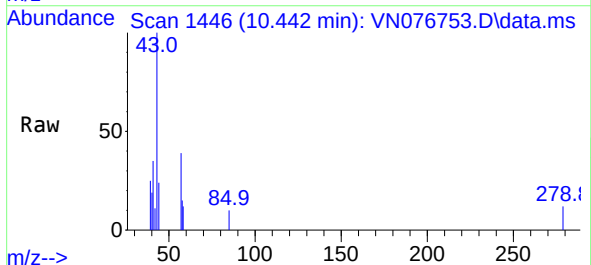
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

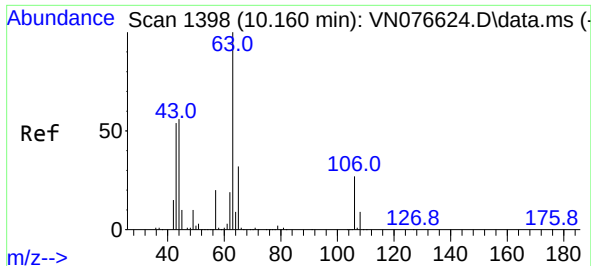
Tgt Ion: 98 Resp: 613115
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.960 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 43 Resp: 3850
Ion Ratio Lower Upper
43 100
58 24.8 29.5 44.3#

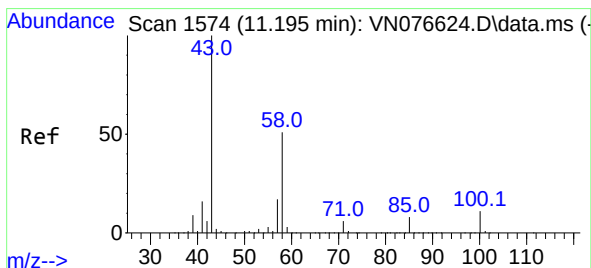
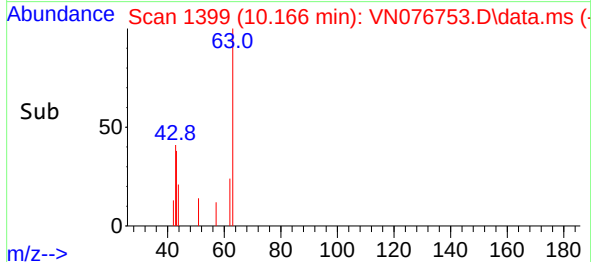
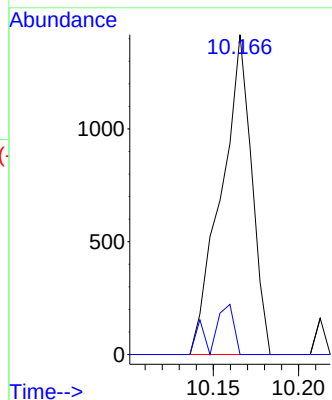
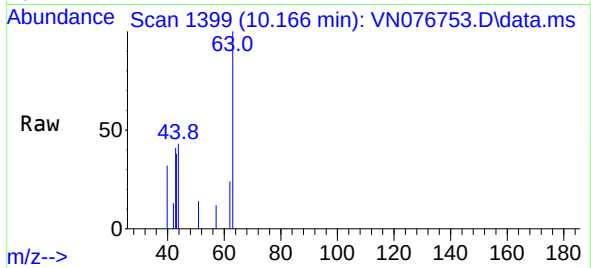




#58
2-Chloroethyl Vinyl ether
Concen: 0.981 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

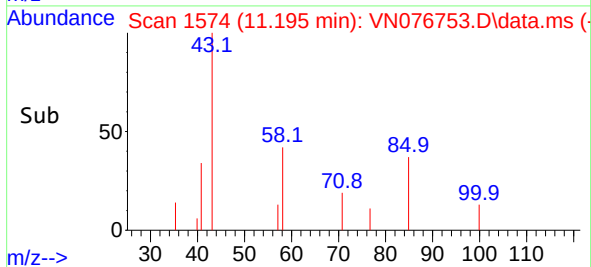
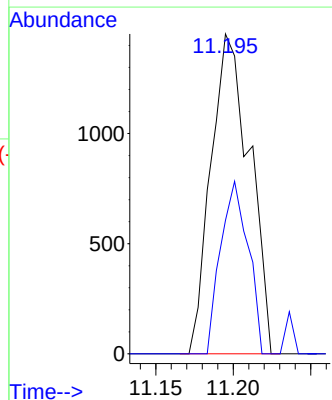
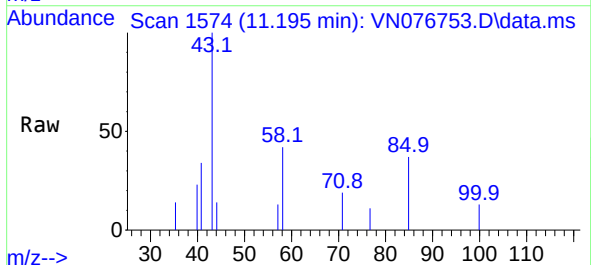
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

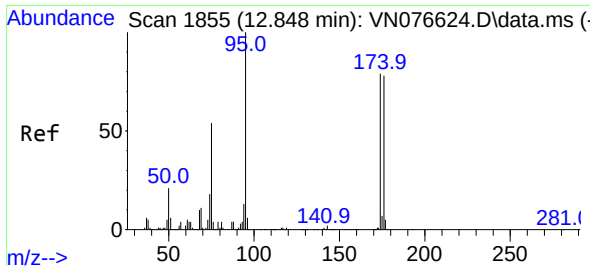
Tgt Ion: 63 Resp: 1756
Ion Ratio Lower Upper
63 100
106 11.3 22.3 33.5#



#59
2-Hexanone
Concen: 0.870 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 43 Resp: 2518
Ion Ratio Lower Upper
43 100
58 38.4 25.4 76.0

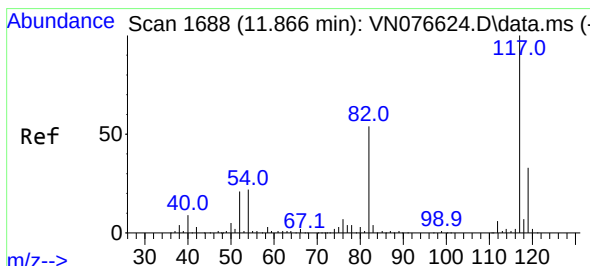
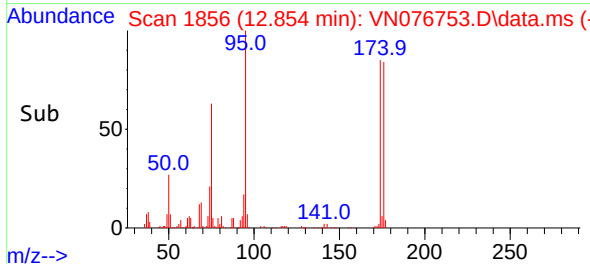
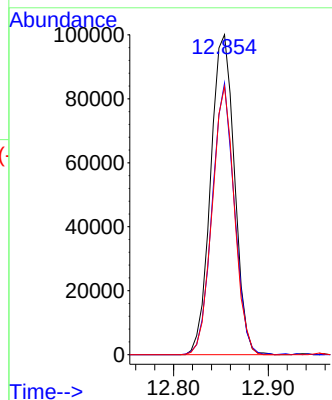
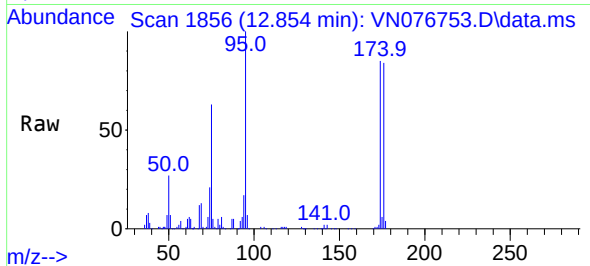




#62
4-Bromofluorobenzene
Concen: 55.341 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

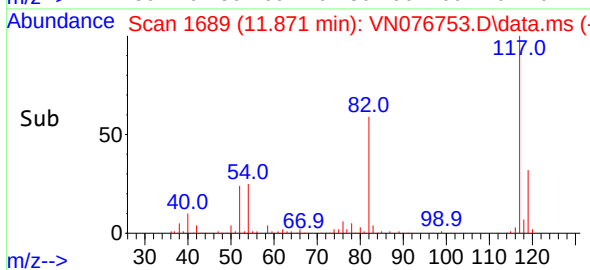
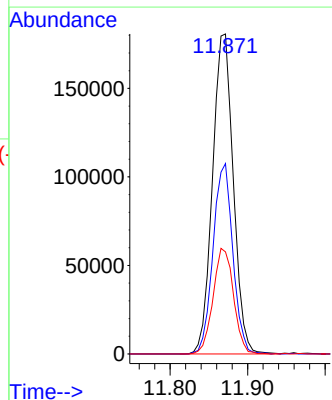
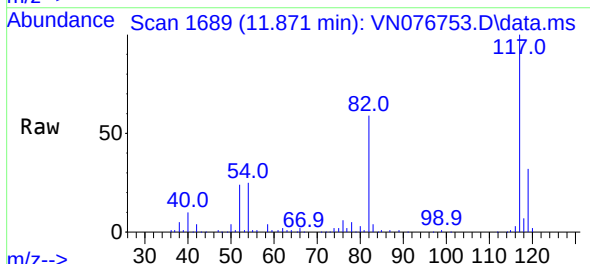
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

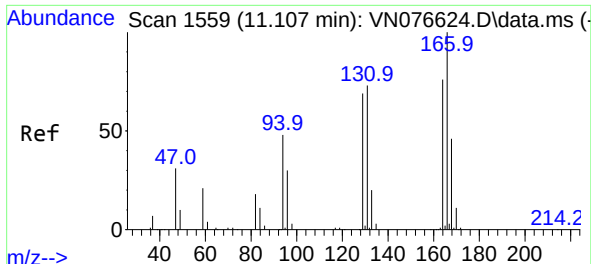
Tgt Ion: 95 Resp: 174513
Ion Ratio Lower Upper
95 100
174 79.2 0.0 169.2
176 78.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 117 Resp: 336932
Ion Ratio Lower Upper
117 100
82 59.5 43.4 65.2
119 31.9 26.1 39.1

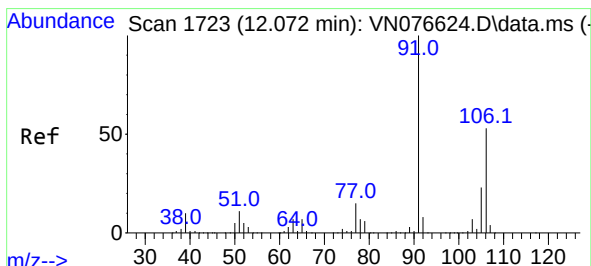
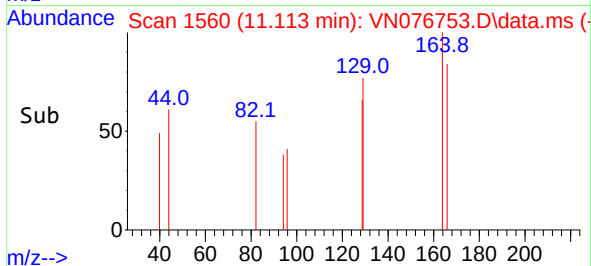
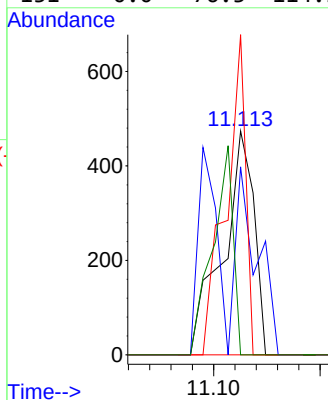
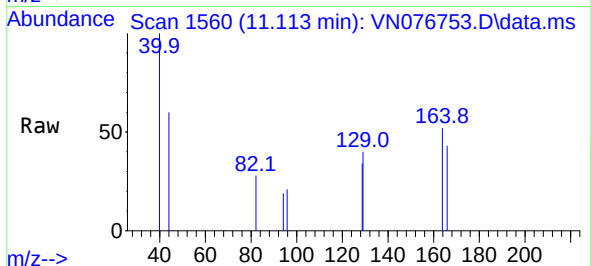




#64
Tetrachloroethene
Concen: 0.226 ug/l
RT: 11.113 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

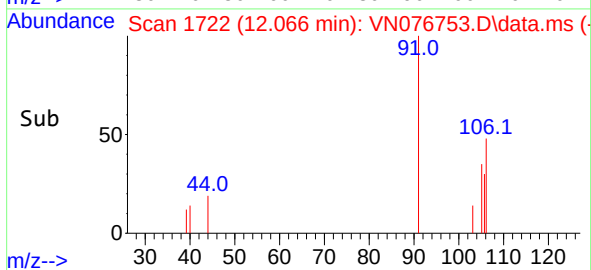
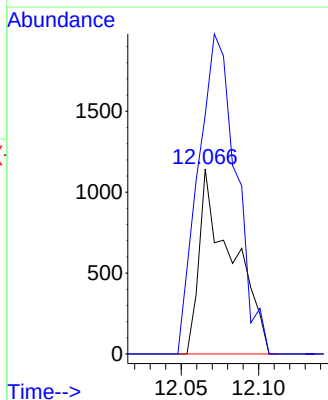
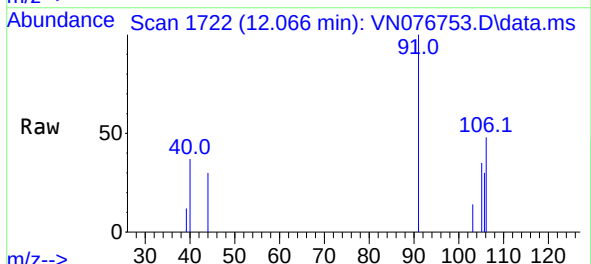
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

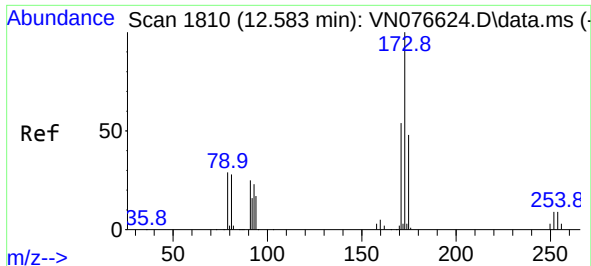
Tgt Ion:164 Resp: 480
Ion Ratio Lower Upper
164 100
166 84.0 104.8 157.2#
129 143.0 72.2 108.2#
131 0.0 76.3 114.5#



#68
m/p-Xylenes
Concen: 0.359 ug/l
RT: 12.066 min Scan# 1722
Delta R.T. -0.006 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion:106 Resp: 1683
Ion Ratio Lower Upper
106 100
91 200.8 154.7 232.1

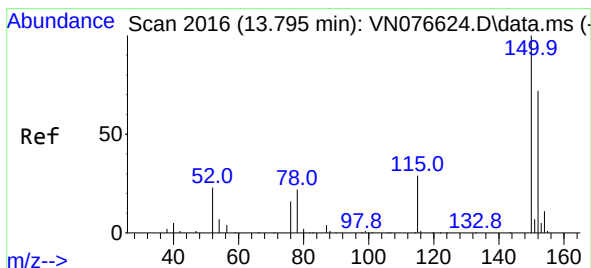
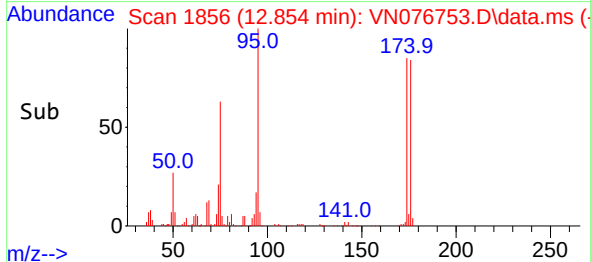
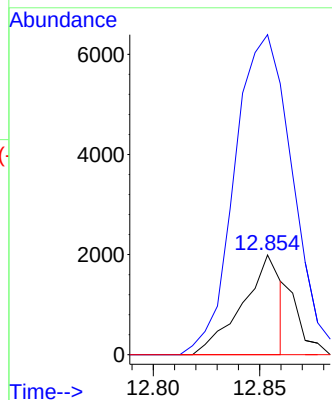
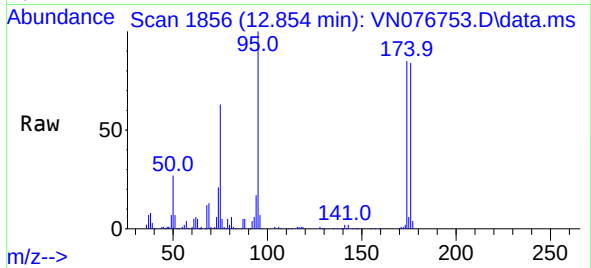




#71
Bromoform
Concen: 1.319 ug/l
RT: 12.854 min Scan# 1810
Delta R.T. 0.271 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

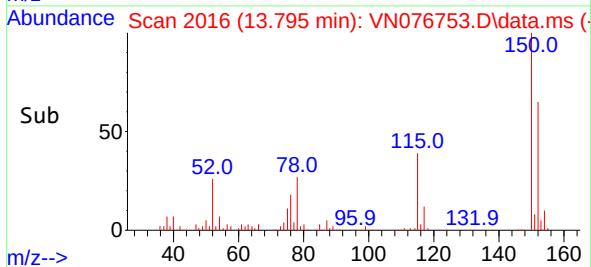
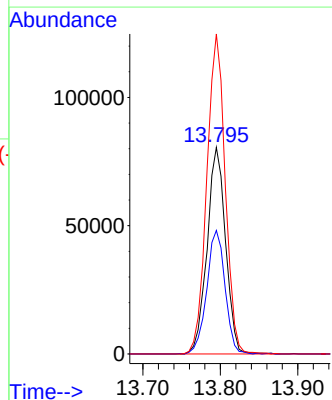
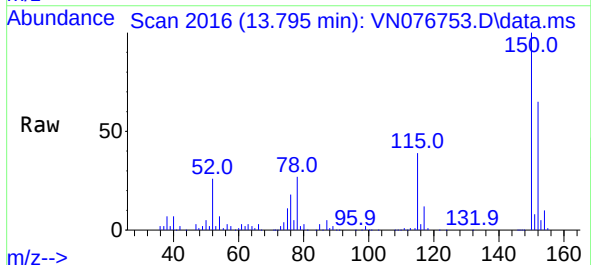
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

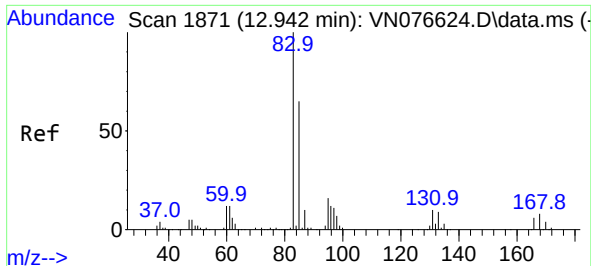
Tgt Ion:173 Resp: 2510
Ion Ratio Lower Upper
173 100
175 388.2 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion:152 Resp: 133914
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.9
150 153.6 0.0 349.8

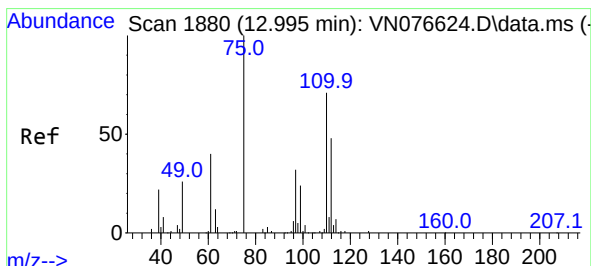
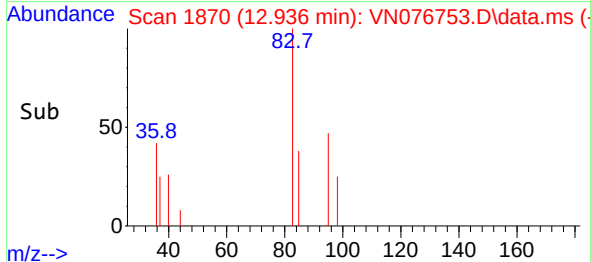
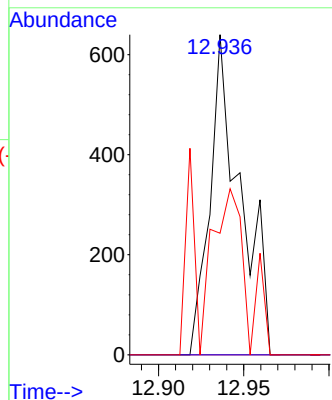
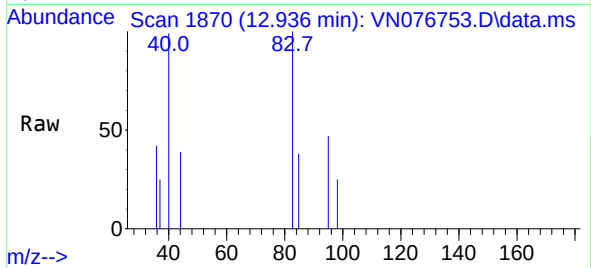




#75
1,1,2,2-Tetrachloroethane
Concen: 0.224 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

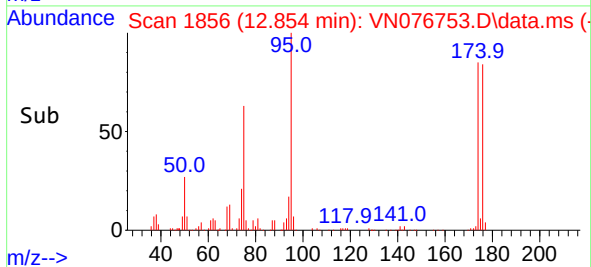
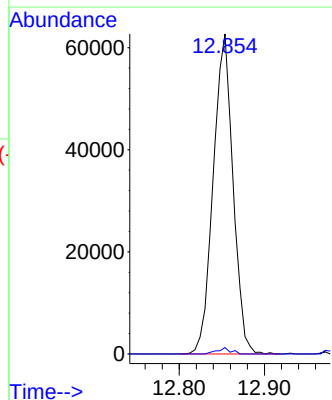
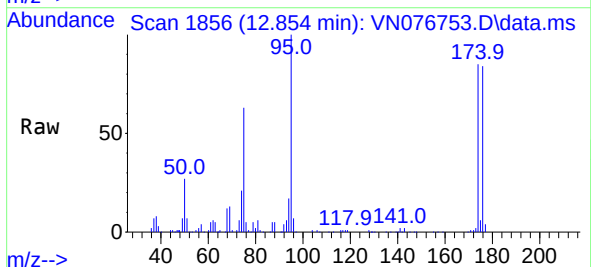
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

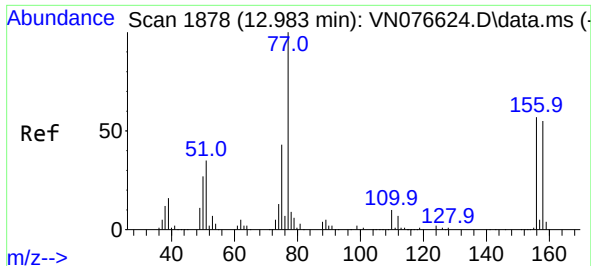
Tgt Ion: 83 Resp: 797
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 57.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 37.375 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 75 Resp: 101188
Ion Ratio Lower Upper
75 100
77 1.3 93.1 279.3#

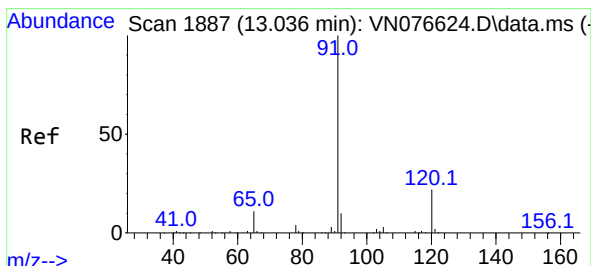
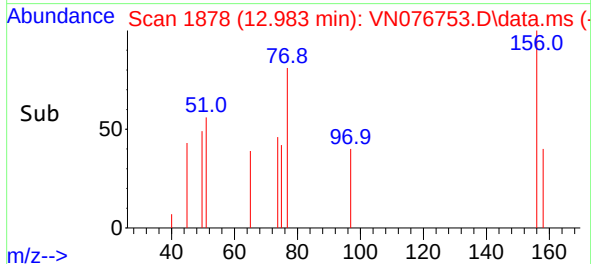
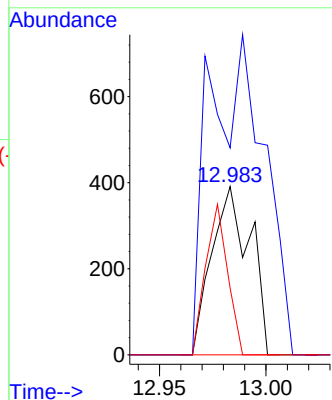
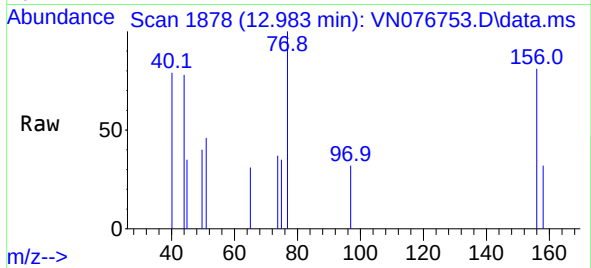




#77
Bromobenzene
Concen: 0.200 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

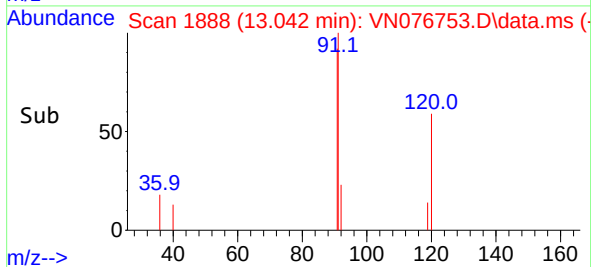
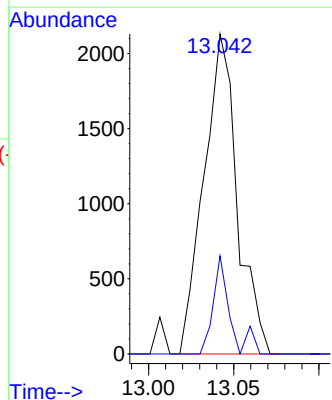
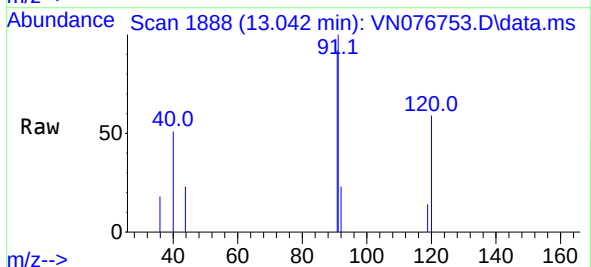
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

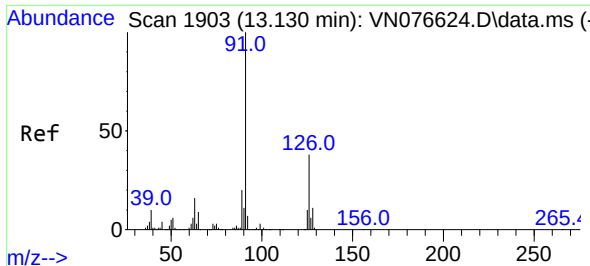
Tgt Ion:156 Resp: 491
Ion Ratio Lower Upper
156 100
77 124.6 102.8 308.4
158 50.7 48.9 146.6



#78
n-propylbenzene
Concen: 0.252 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 91 Resp: 2900
Ion Ratio Lower Upper
91 100
120 15.3 11.5 34.5

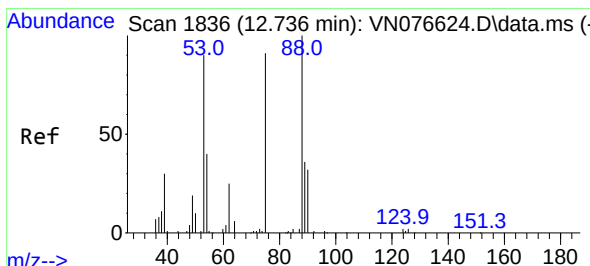
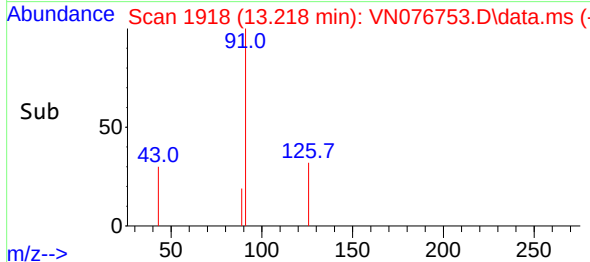
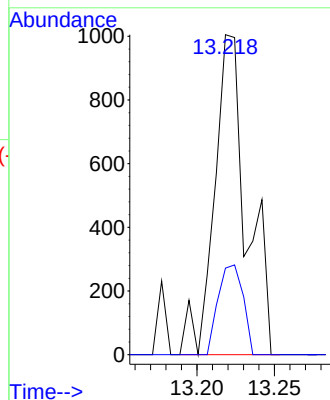
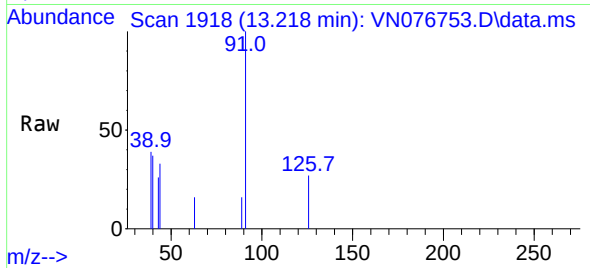




#79
2-Chlorotoluene
Concen: 0.207 ug/l
RT: 13.218 min Scan# 1903
Delta R.T. 0.088 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

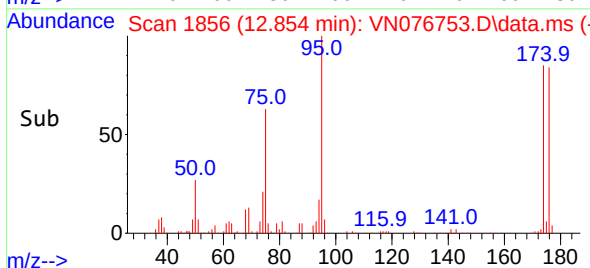
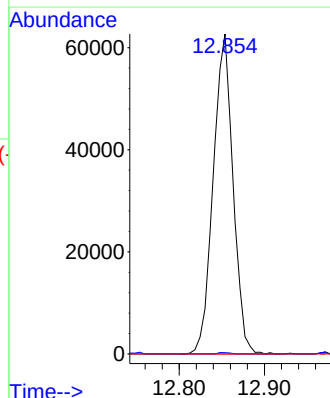
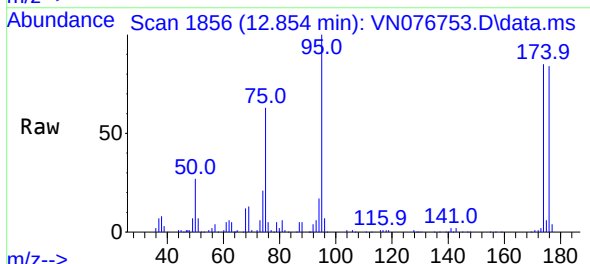
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

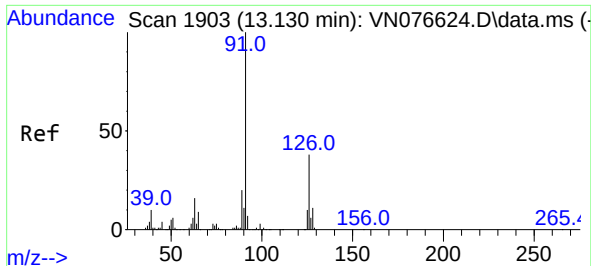
Tgt Ion: 91 Resp: 1463
Ion Ratio Lower Upper
91 100
126 21.5 17.7 53.1



#81
trans-1,4-Dichloro-2-butene
Concen: 108.858 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 75 Resp: 101188
Ion Ratio Lower Upper
75 100
53 0.3 92.1 138.1#
89 0.0 37.5 56.3#

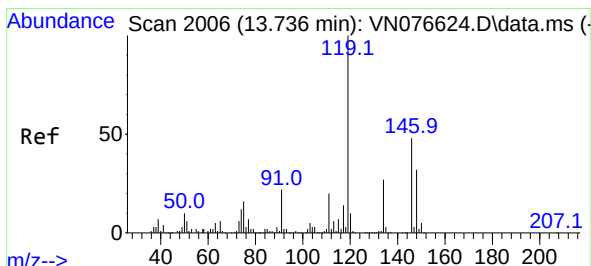
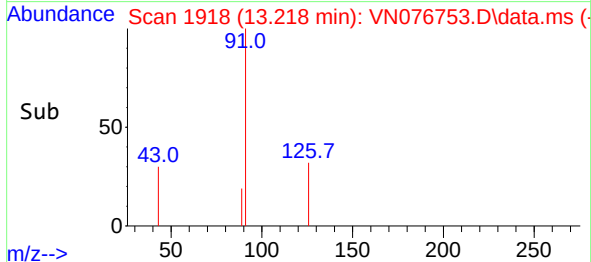
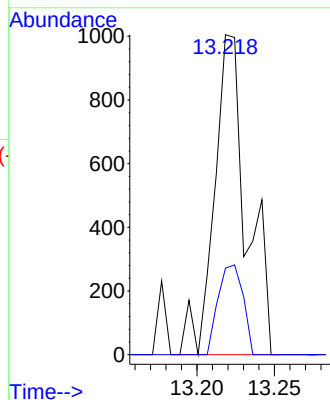
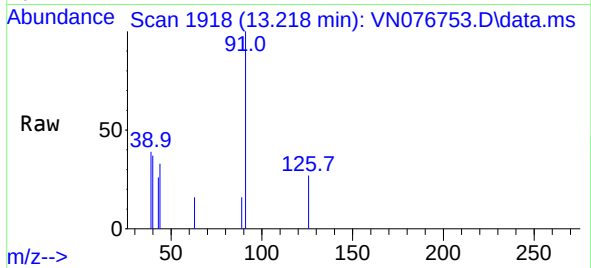




#82
4-Chlorotoluene
Concen: 0.207 ug/l
RT: 13.218 min Scan# 1903
Delta R.T. 0.088 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

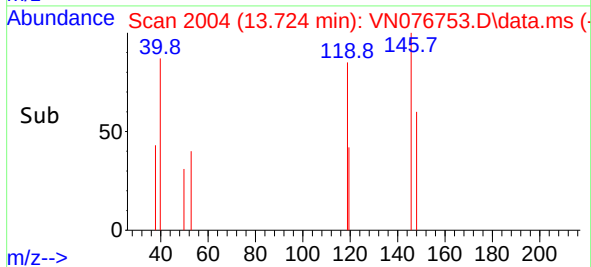
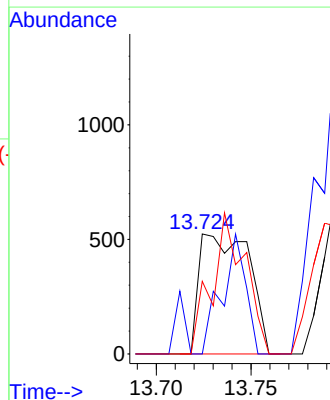
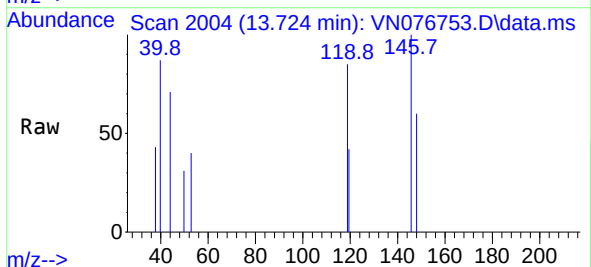
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

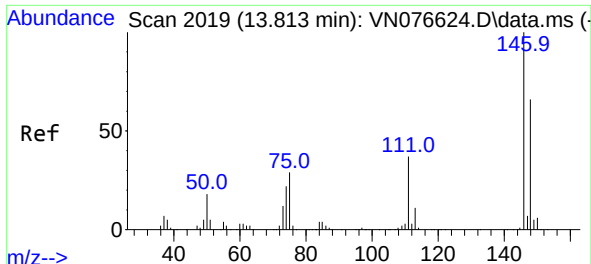
Tgt Ion: 91 Resp: 1463
Ion Ratio Lower Upper
91 100
126 21.5 17.7 53.1



#87
1,3-Dichlorobenzene
Concen: 0.207 ug/l
RT: 13.724 min Scan# 2004
Delta R.T. -0.012 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion: 146 Resp: 957
Ion Ratio Lower Upper
146 100
111 47.8 19.8 59.4
148 79.0 32.0 96.2

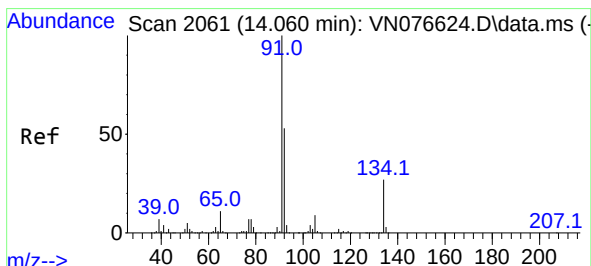
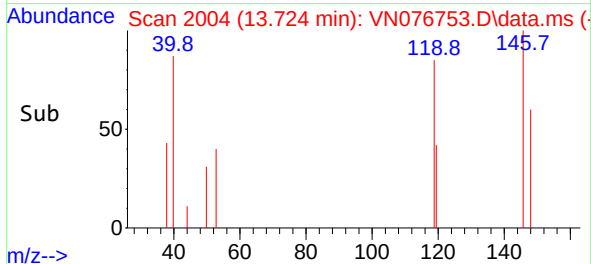
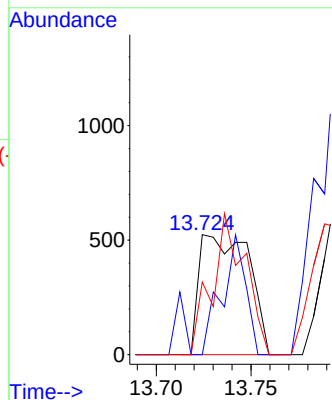
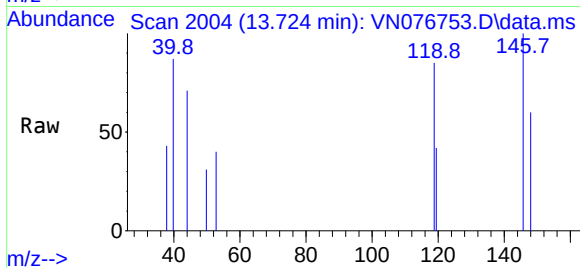




#88
1,4-Dichlorobenzene
Concen: 0.208 ug/l
RT: 13.724 min Scan# 2004
Delta R.T. -0.089 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

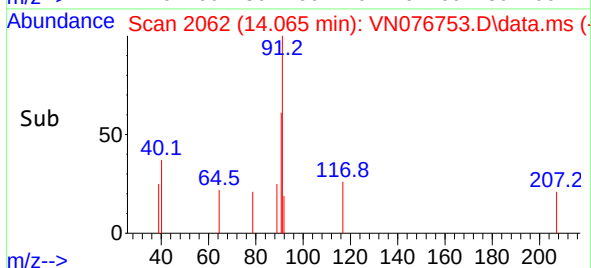
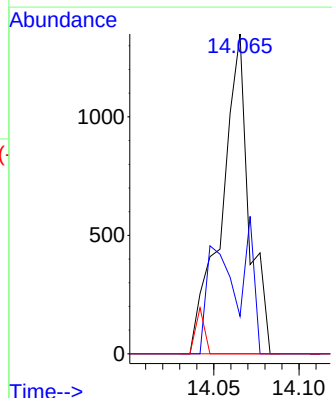
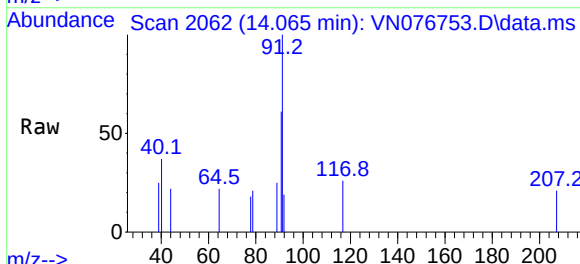
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

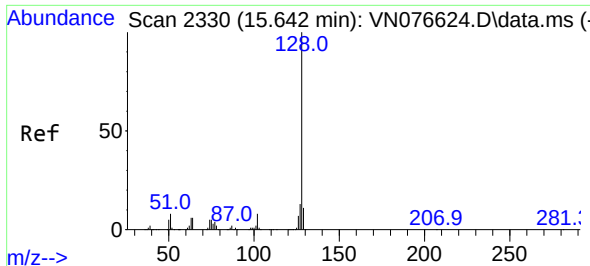
Tgt Ion:	146	Resp:	957
Ion	Ratio	Lower	Upper
146	100		
111	47.8	19.4	58.1
148	79.0	32.7	98.1



#89
n-Butylbenzene
Concen: 0.212 ug/l
RT: 14.065 min Scan# 2062
Delta R.T. 0.005 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion:	91	Resp:	1509
Ion	Ratio	Lower	Upper
91	100		
92	45.3	26.4	79.0
134	0.0	13.2	39.5

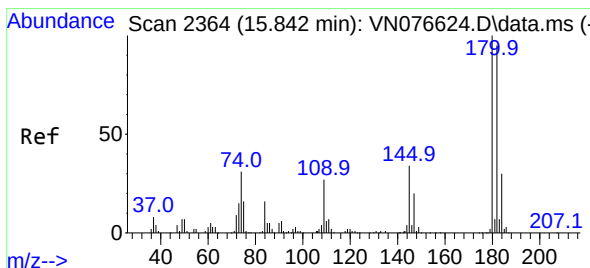
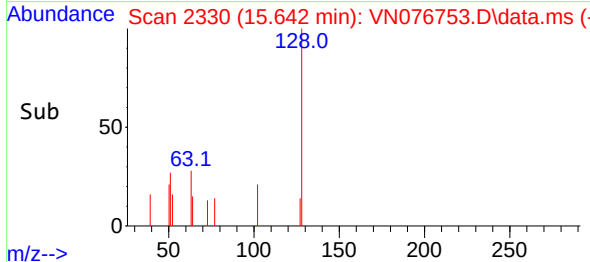
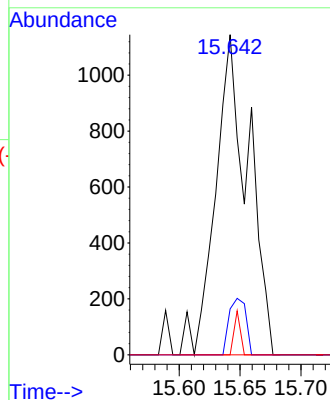
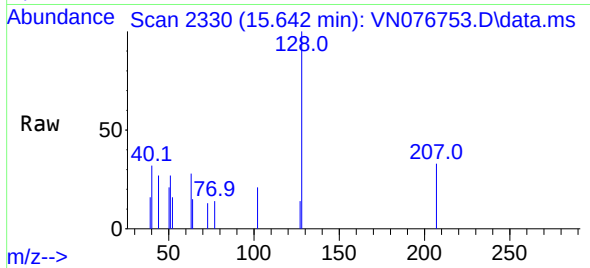




#95
Naphthalene
Concen: 0.301 ug/l
RT: 15.642 min Scan# 2161
Delta R.T. -0.000 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

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

Tgt Ion:	128	Resp:	2161
Ion	Ratio	Lower	Upper
128	100		
127	9.0	10.6	16.0#
129	2.5	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.281 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076753.D
Acq: 21 Feb 2023 16:25

Tgt Ion:	180	Resp:	645
Ion	Ratio	Lower	Upper
180	100		
182	65.6	46.7	140.1
145	8.7	16.0	47.9#

