

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071614.D
 Acq On : 28 Mar 2022 19:57
 Operator : JC\MD
 Sample : N1645-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 29 10:12:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 10:12:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	678558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1104599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	954088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	304979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	407966	50.143	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.280%	
35) Dibromofluoromethane	8.016	113	318991	47.022	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.040%	
50) Toluene-d8	10.439	98	1288483	46.046	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 92.100%	
62) 4-Bromofluorobenzene	12.727	95	349590	38.296	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 76.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	1363	0.205	ug/l	95
3) Chloromethane	2.304	50	3956	0.506	ug/l #	79
5) Bromomethane	2.863	94	4721	0.925	ug/l	97
7) Trichlorofluoromethane	3.387	101	2148	0.207	ug/l #	63
10) Methyl Iodide	4.428	142	3185	0.343	ug/l #	76
11) Tert butyl alcohol	5.351	59	902	0.628	ug/l #	72
13) Acrolein	4.045	56	1733	1.446	ug/l #	67
15) Acrylonitrile	5.557	53	4164	1.038	ug/l #	88
16) Acetone	4.298	43	4771	1.422	ug/l	93
17) Carbon Disulfide	4.534	76	4951	0.326	ug/l #	75
18) Methyl Acetate	4.851	43	7125	0.828	ug/l	99
20) Methylene Chloride	5.098	84	2111	0.285	ug/l #	80
21) trans-1,2-Dichloroethene	5.592	96	1621	0.249	ug/l #	72
23) Vinyl Acetate	6.428	43	14526	0.829	ug/l	96
24) 1,1-Dichloroethane	6.386	63	2499	0.202	ug/l #	82
25) 2-Butanone	7.345	43	6101	1.169	ug/l	91
27) cis-1,2-Dichloroethene	7.310	96	1794	0.224	ug/l	95
29) Tetrahydrofuran	7.692	42	3951	1.166	ug/l #	89
30) Chloroform	7.816	83	2709	0.214	ug/l	94
31) Cyclohexane	8.081	56	13809	1.215	ug/l #	1
36) 1,1-Dichloropropene	8.216	75	2437	0.250	ug/l #	94
37) Ethyl Acetate	7.416	43	2291	0.215	ug/l #	78
38) Carbon Tetrachloride	8.204	117	2020	0.209	ug/l #	80
40) Benzene	8.457	78	6025	0.201	ug/l #	66
41) Methacrylonitrile	7.633	41	1256	0.242	ug/l #	53
42) 1,2-Dichloroethane	8.528	62	3055	0.295	ug/l	88
43) Isopropyl Acetate	8.563	43	8014	0.423	ug/l #	62
44) Trichloroethene	9.210	130	1953	0.248	ug/l	78
46) Dibromomethane	9.580	93	1093	0.217	ug/l	92
47) Bromodichloromethane	9.763	83	2083	0.209	ug/l #	97
49) 1,4-Dioxane	9.569	88	884	5.228	ug/l #	56
51) 4-Methyl-2-Pentanone	10.322	43	8829	0.844	ug/l	94
52) Toluene	10.504	92	4292	0.223	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	2199	0.203	ug/l #	81
55) 1,1,2-Trichloroethane	10.886	97	1694	0.218	ug/l #	74
58) 2-Chloroethyl Vinyl ether	10.033	63	1873	0.629	ug/l #	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071614.D
 Acq On : 28 Mar 2022 19:57
 Operator : JC\MD
 Sample : N1645-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 29 10:12:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 10:12:32 2022
 Response via : Initial Calibration

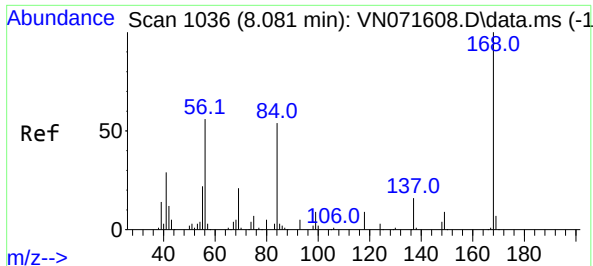
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	11.086	43	8670	1.159	ug/l	86
64) Tetrachloroethene	10.974	164	1524	0.231	ug/l #	85
65) Chlorobenzene	11.763	112	4560	0.229	ug/l	96
67) Ethyl Benzene	11.839	91	6983	0.203	ug/l	98
68) m/p-Xylenes	11.945	106	4857	0.372	ug/l	91
74) N-amyl acetate	12.380	43	2561	0.316	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.821	83	2376	0.266	ug/l	97
76) 1,2,3-Trichloropropane	12.727	75	175921	24.023	ug/l #	1
77) Bromobenzene	12.857	156	2234	0.333	ug/l	96
78) n-propylbenzene	12.915	91	7295	0.254	ug/l	96
79) 2-Chlorotoluene	13.004	91	4926	0.273	ug/l	90
80) 1,3,5-Trimethylbenzene	13.045	105	4917	0.233	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.727	75	175921	69.342	ug/l #	10
82) 4-Chlorotoluene	13.098	91	4796	0.285	ug/l	98
83) tert-Butylbenzene	13.315	119	3957	0.205	ug/l	85
84) 1,2,4-Trimethylbenzene	13.363	105	4876	0.236	ug/l	99
85) sec-Butylbenzene	13.498	105	5195	0.203	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	3670	0.339	ug/l	92
88) 1,4-Dichlorobenzene	13.610	146	3670	0.341	ug/l	94
89) n-Butylbenzene	13.933	91	4786	0.312	ug/l	96
90) Hexachloroethane	14.204	117	904	0.237	ug/l	64
91) 1,2-Dichlorobenzene	13.980	146	3943	0.372	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.598	75	515	0.334	ug/l #	62
93) 1,2,4-Trichlorobenzene	15.262	180	2591	0.553	ug/l	94
94) Hexachlorobutadiene	15.368	225	763	0.258	ug/l	88
95) Naphthalene	15.504	128	6414	0.502	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	2517	0.536	ug/l	89

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

Quant Time: Mar 29 10:12:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 29 10:12:32 2022
Response via : Initial Calibration

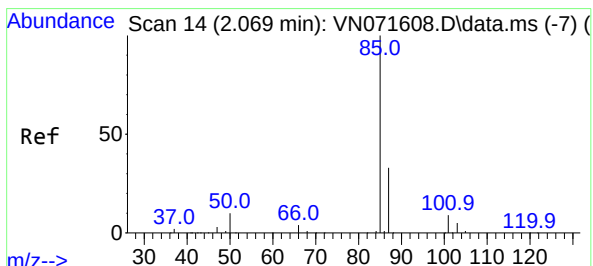
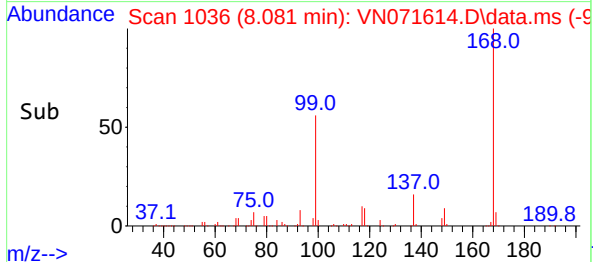
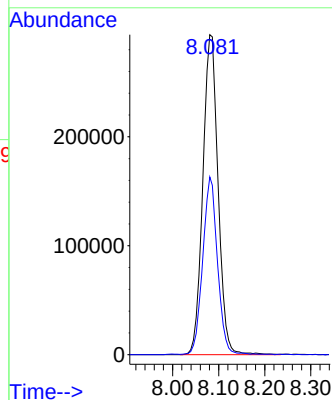
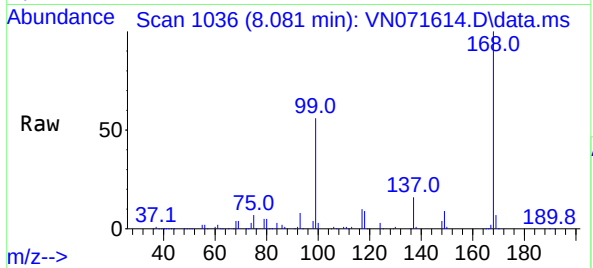




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

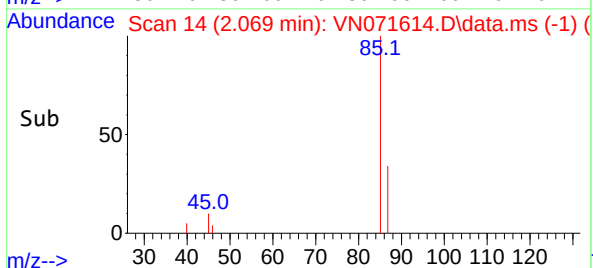
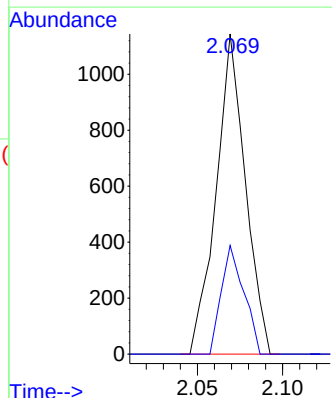
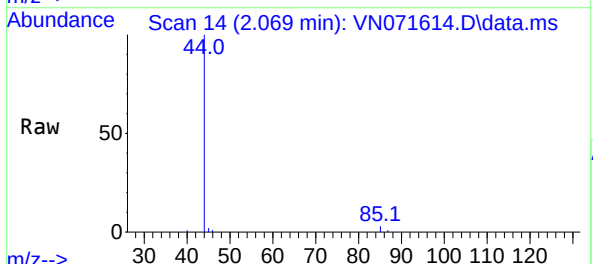
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

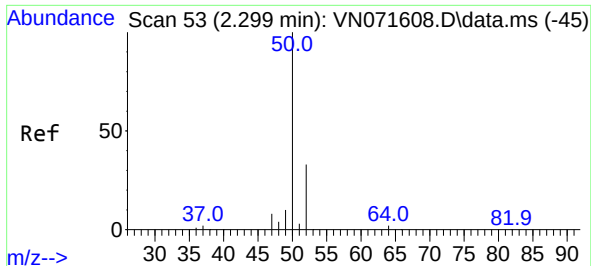
Tgt Ion:168 Resp: 678558
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 0.205 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 85 Resp: 1363
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.1

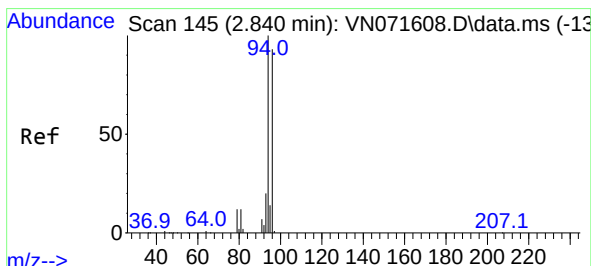
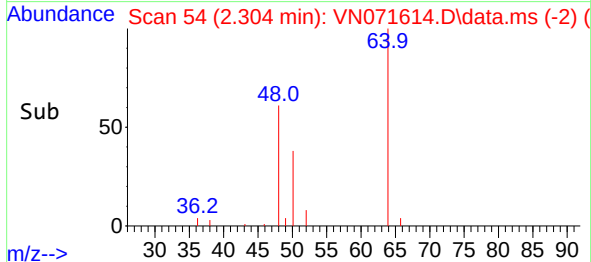
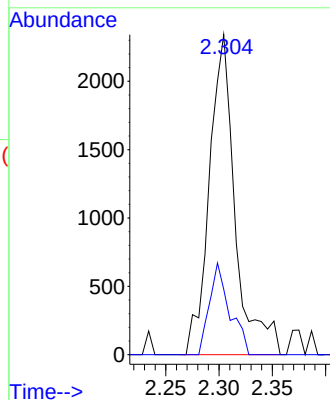
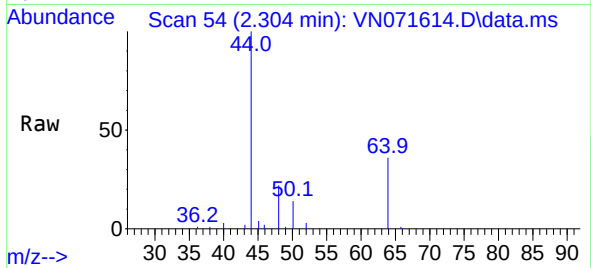




#3
Chloromethane
Concen: 0.506 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

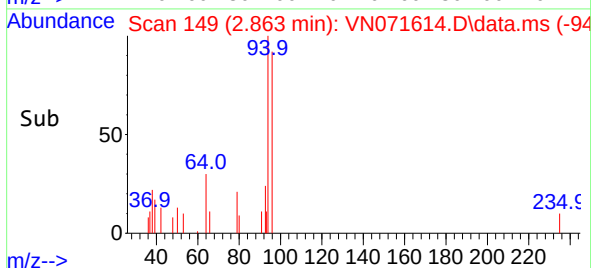
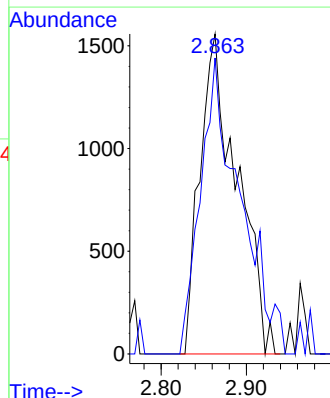
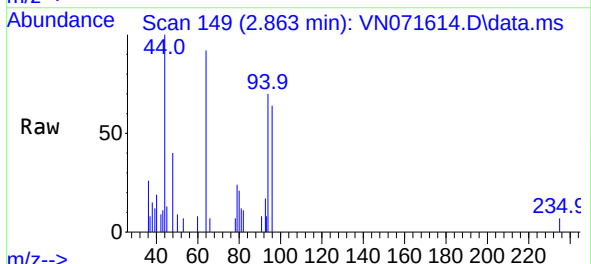
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

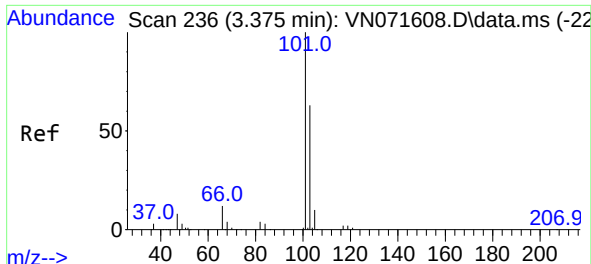
Tgt Ion: 50 Resp: 3956
Ion Ratio Lower Upper
50 100
52 20.5 25.7 38.5#



#5
Bromomethane
Concen: 0.925 ug/l
RT: 2.863 min Scan# 149
Delta R.T. 0.023 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 94 Resp: 4721
Ion Ratio Lower Upper
94 100
96 92.5 76.0 114.0

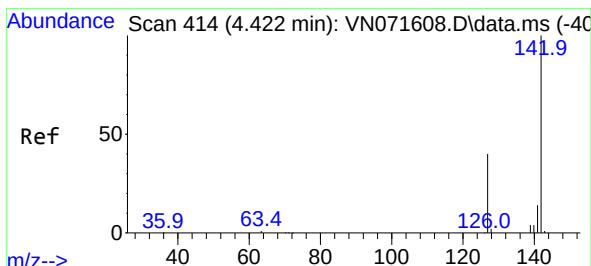
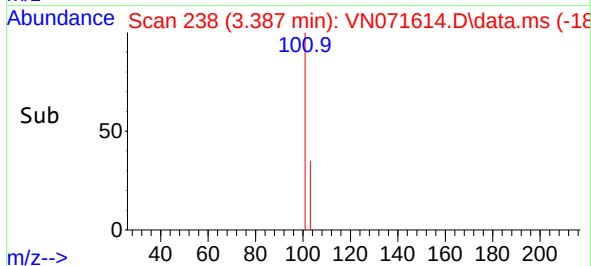
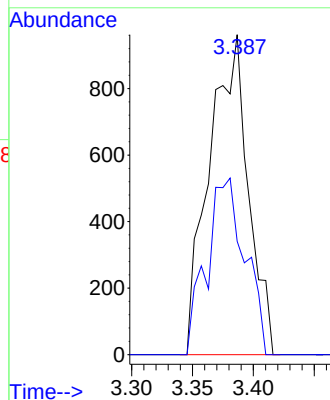
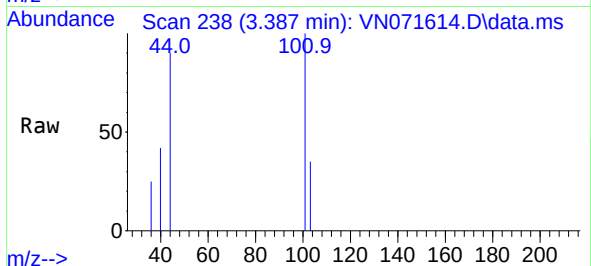




#7
 Trichlorofluoromethane
 Concen: 0.207 ug/l
 RT: 3.387 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57

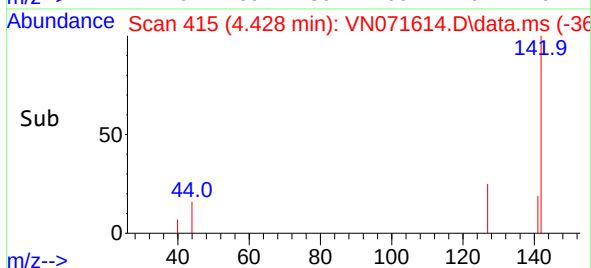
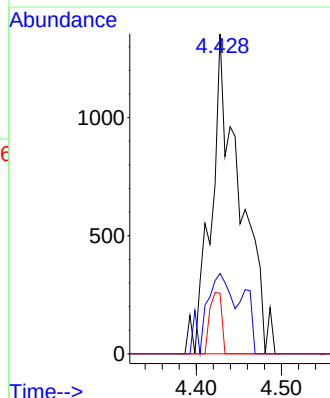
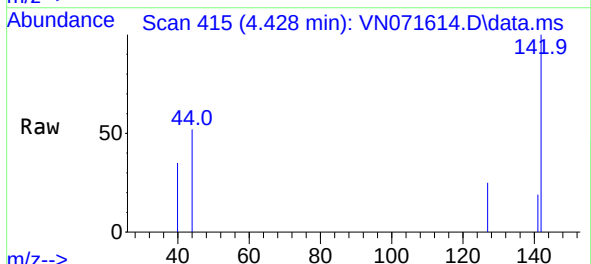
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

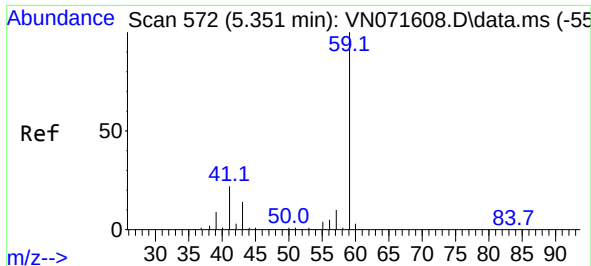
Tgt Ion:101 Resp: 2148
 Ion Ratio Lower Upper
 101 100
 103 35.4 51.5 77.3#



#10
 Methyl Iodide
 Concen: 0.343 ug/l
 RT: 4.428 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57

Tgt Ion:142 Resp: 3185
 Ion Ratio Lower Upper
 142 100
 127 22.4 31.3 46.9#
 141 7.9 11.2 16.8#

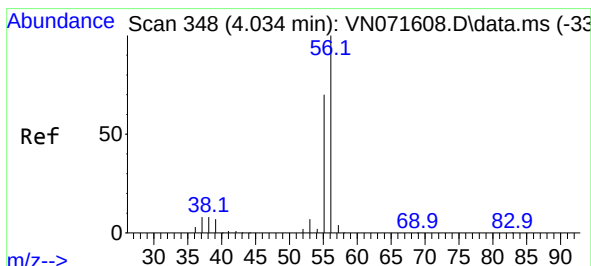
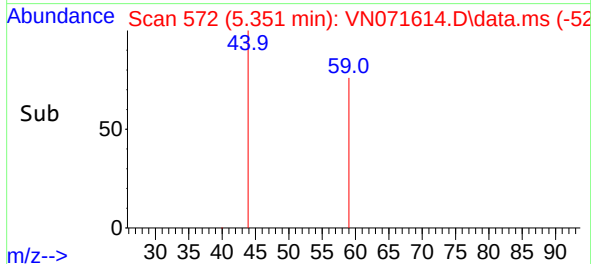
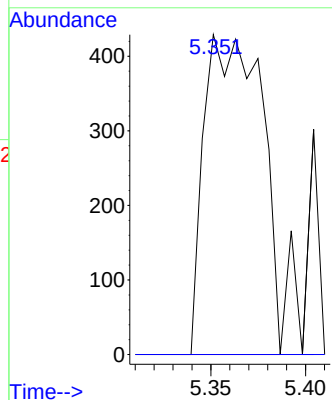
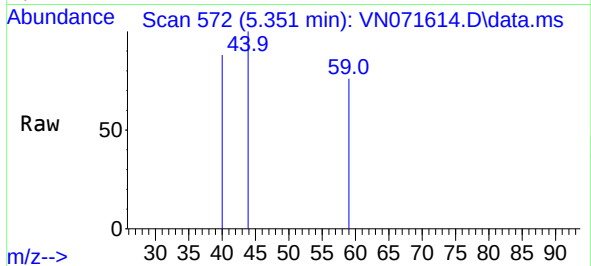




#11
Tert butyl alcohol
Concen: 0.628 ug/l
RT: 5.351 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

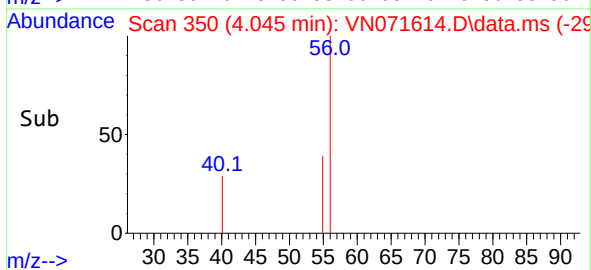
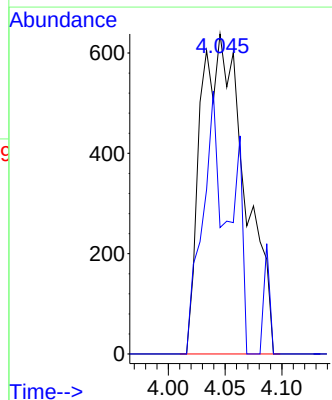
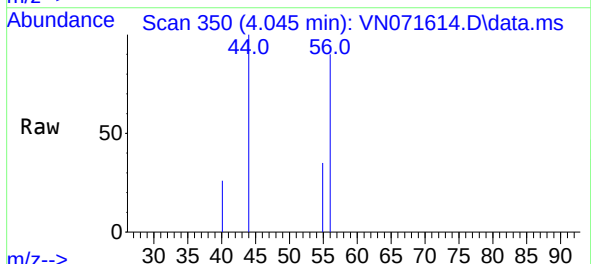
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

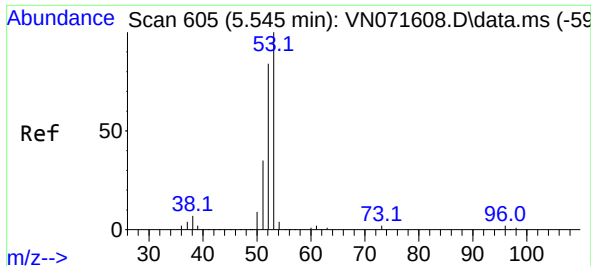
Tgt Ion: 59 Resp: 902
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 1.446 ug/l
RT: 4.045 min Scan# 350
Delta R.T. 0.012 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 56 Resp: 1733
Ion Ratio Lower Upper
56 100
55 41.4 54.8 82.2#

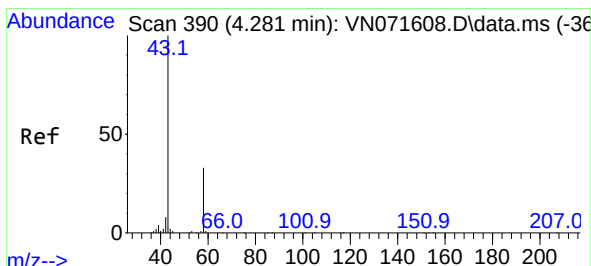
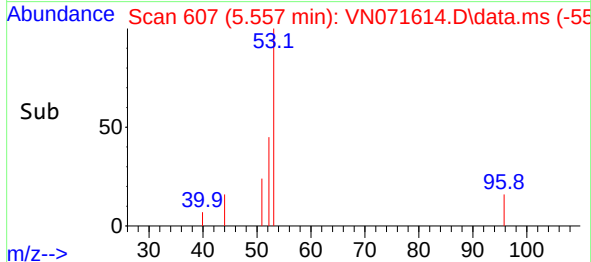
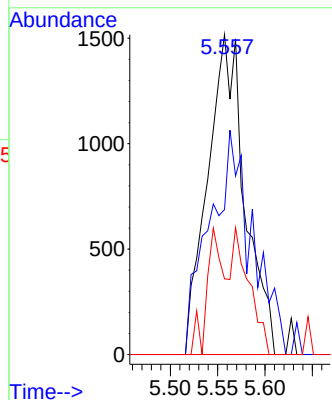
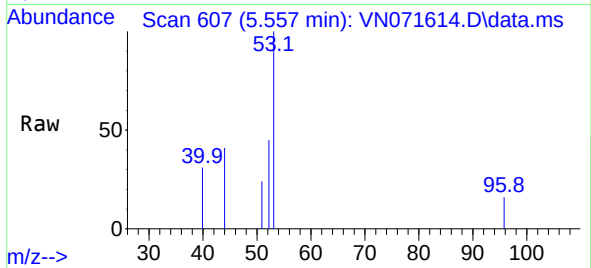




#15
Acrylonitrile
Concen: 1.038 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

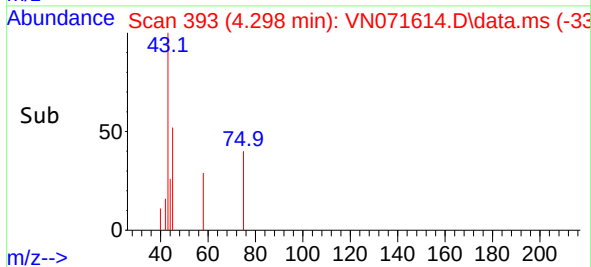
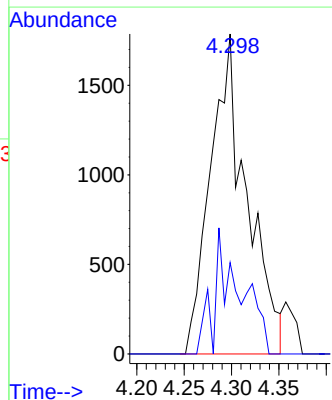
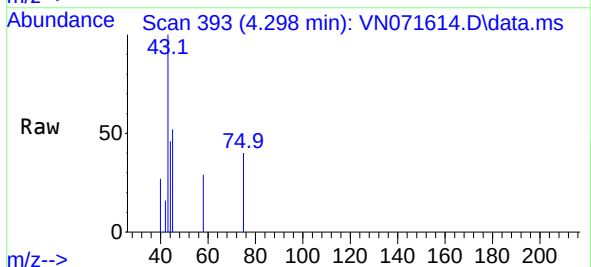
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

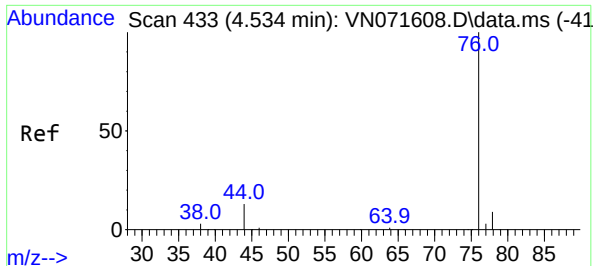
Tgt Ion: 53 Resp: 4164
Ion Ratio Lower Upper
53 100
52 80.1 66.4 99.6
51 17.1 28.5 42.7#



#16
Acetone
Concen: 1.422 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 43 Resp: 4771
Ion Ratio Lower Upper
43 100
58 28.5 26.0 39.0

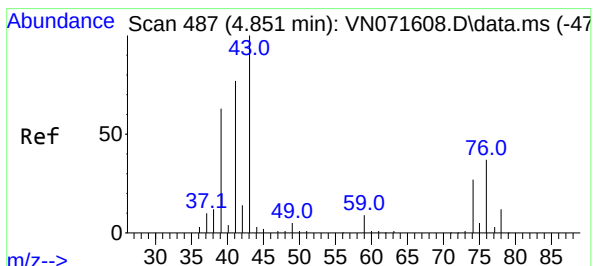
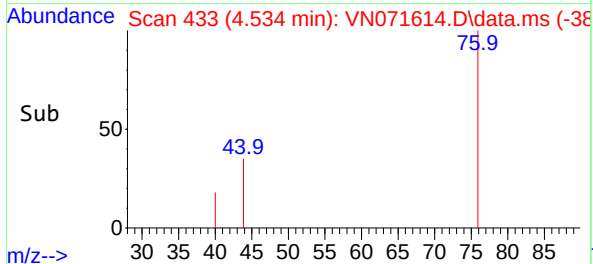
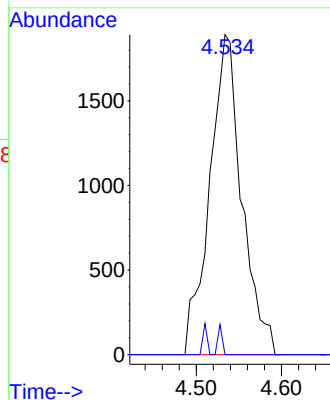
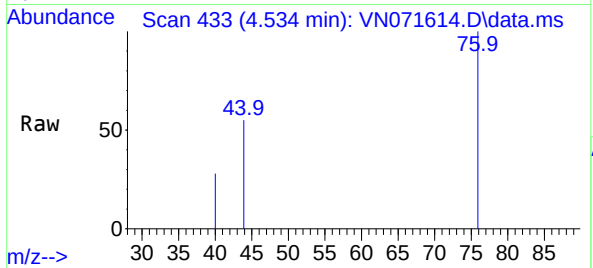




#17
Carbon Disulfide
Concen: 0.326 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

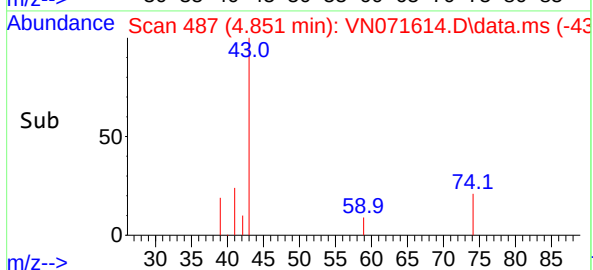
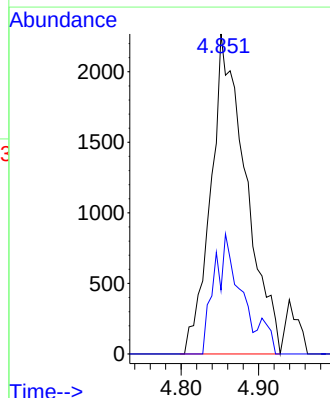
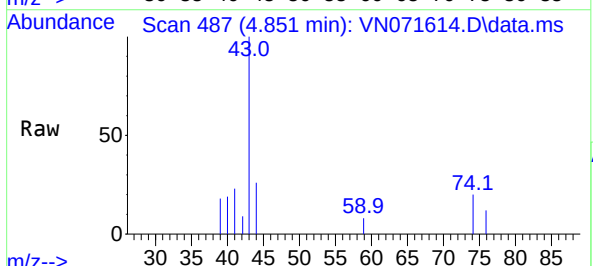
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

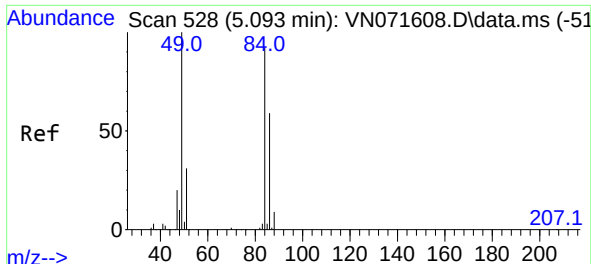
Tgt Ion: 76 Resp: 4951
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.828 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 43 Resp: 7125
Ion Ratio Lower Upper
43 100
74 27.3 21.6 32.4



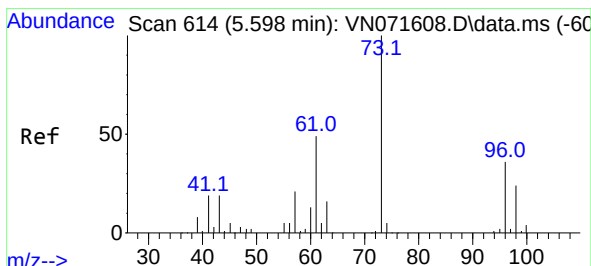
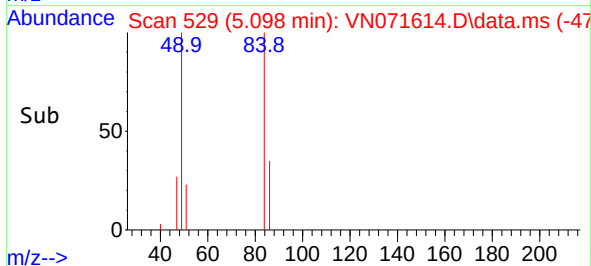
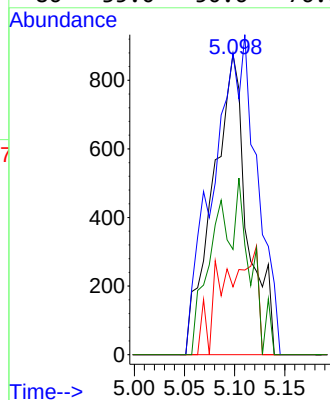
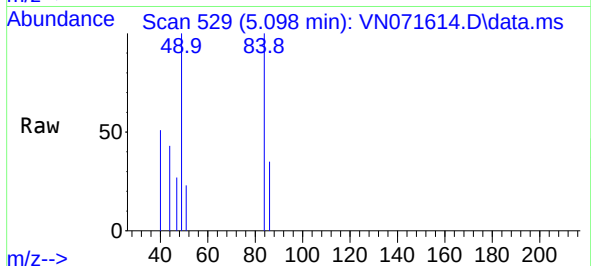


#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 5.098 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 84 Resp: 2111

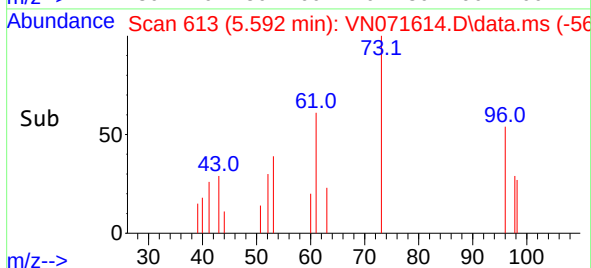
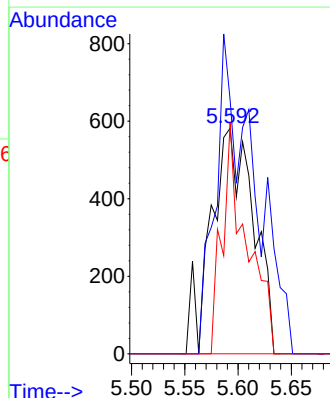
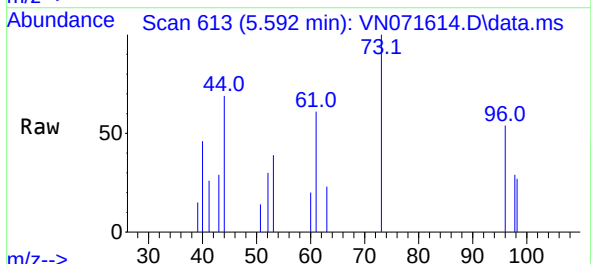
Ion	Ratio	Lower	Upper
84	100		
49	100.2	88.3	132.5
51	22.6	28.2	42.2#
86	35.0	50.6	76.0#

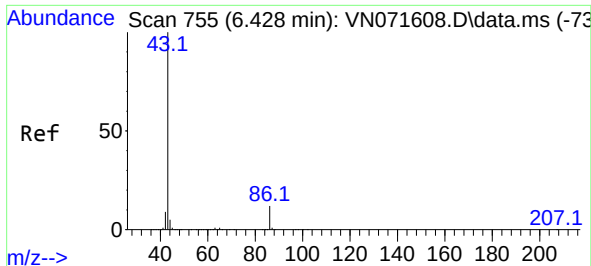


#21
trans-1,2-Dichloroethene
Concen: 0.249 ug/l
RT: 5.592 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 96 Resp: 1621

Ion	Ratio	Lower	Upper
96	100		
61	112.5	105.8	158.8
98	102.4	50.3	75.5#

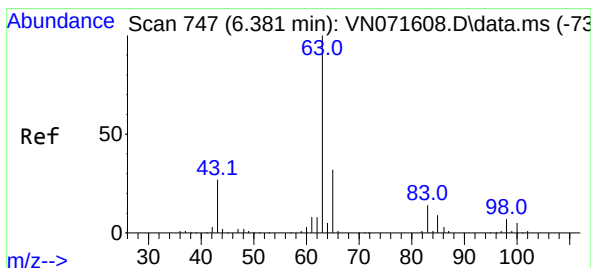
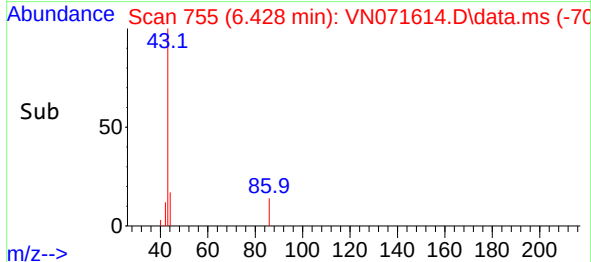
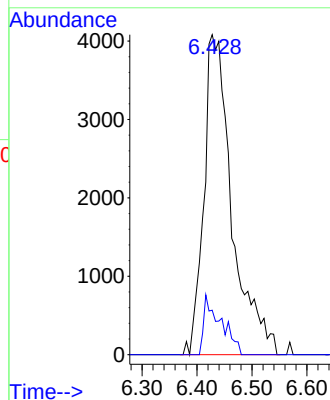
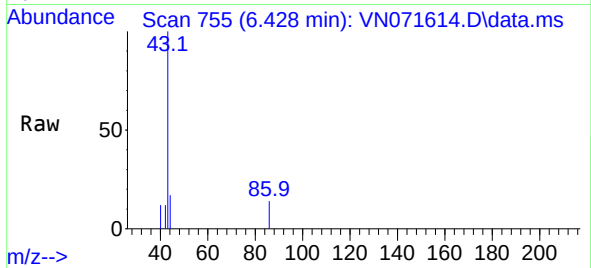




#23
 Vinyl Acetate
 Concen: 0.829 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57

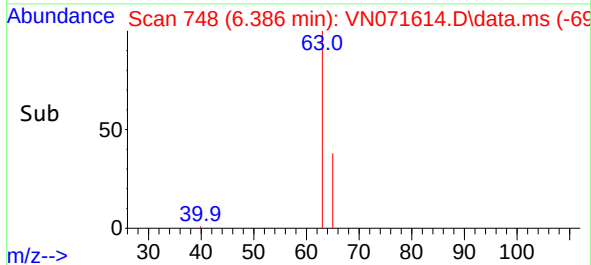
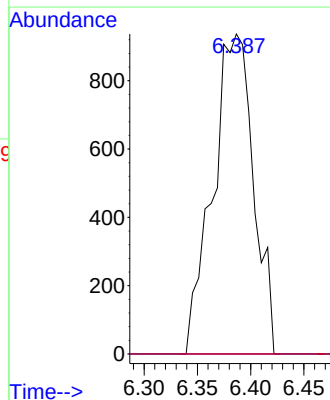
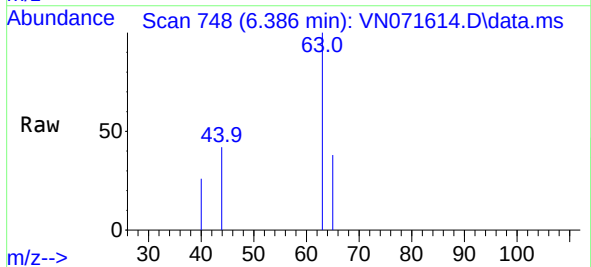
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

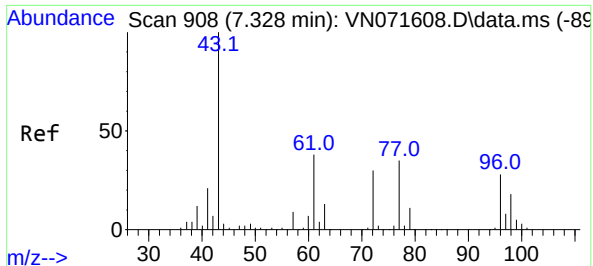
Tgt Ion: 43 Resp: 14526
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 0.202 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57

Tgt Ion: 63 Resp: 2499
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 1.169 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.018 min

Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

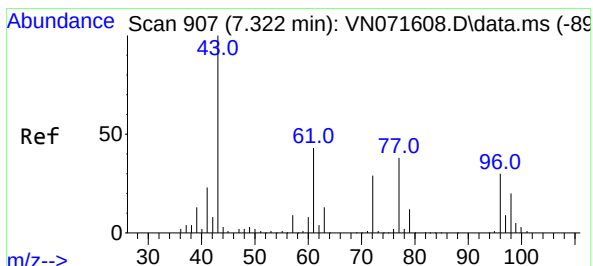
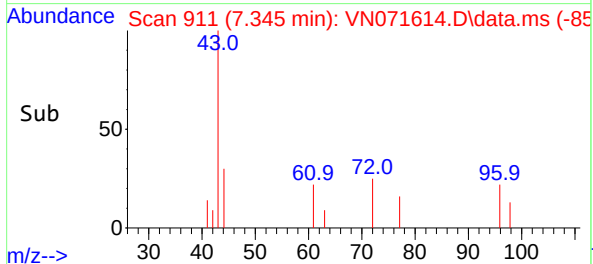
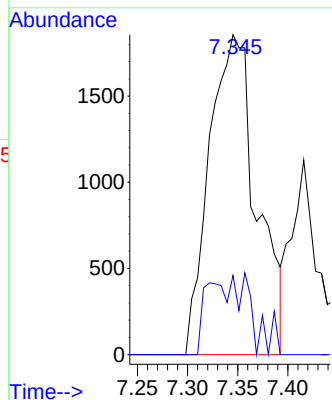
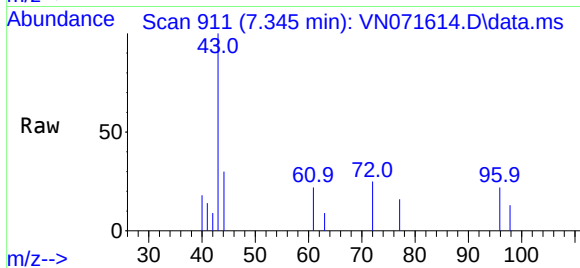
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 43 Resp: 6101

Ion Ratio Lower Upper

43 100

72 24.7 23.7 35.5



#27

cis-1,2-Dichloroethene

Concen: 0.224 ug/l

RT: 7.310 min Scan# 905

Delta R.T. -0.012 min

Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

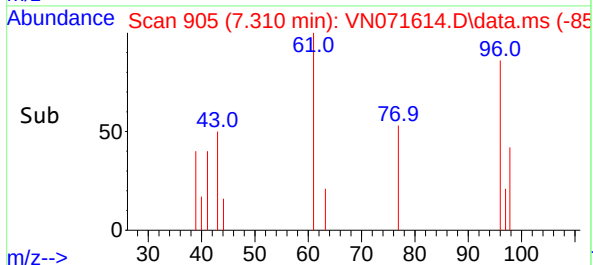
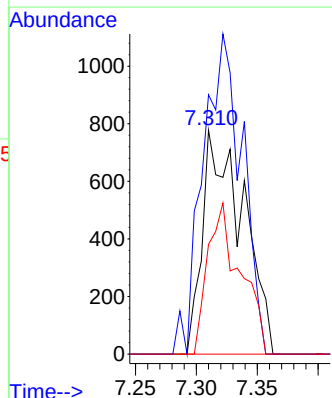
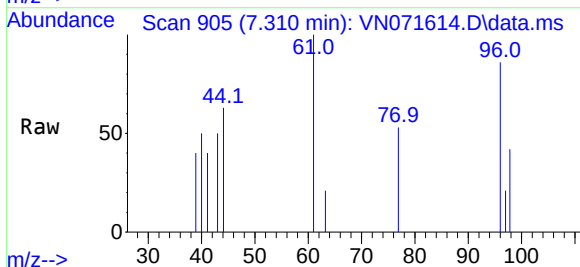
Tgt Ion: 96 Resp: 1794

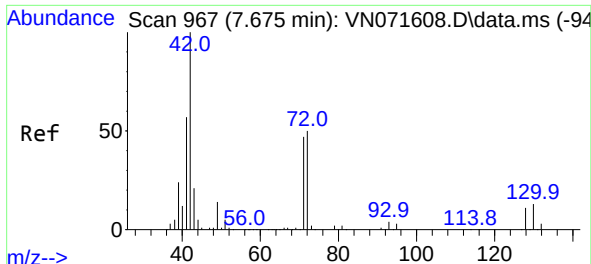
Ion Ratio Lower Upper

96 100

61 139.0 0.0 280.6

98 54.5 0.0 128.4

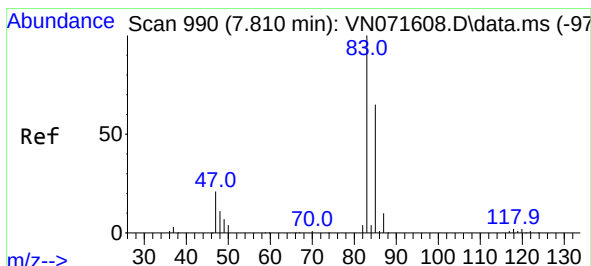
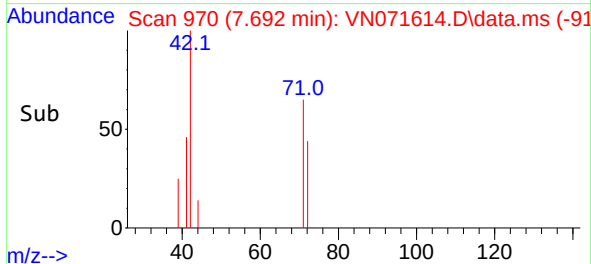
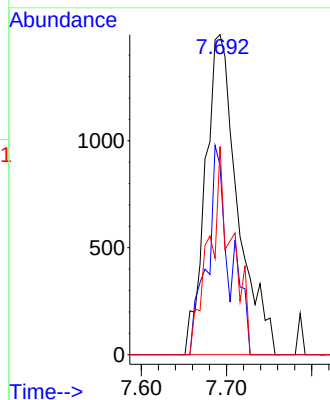
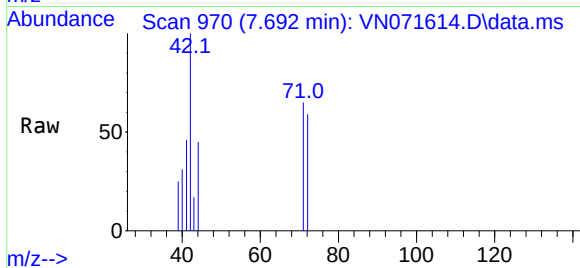




#29
Tetrahydrofuran
Concen: 1.166 ug/l
RT: 7.692 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

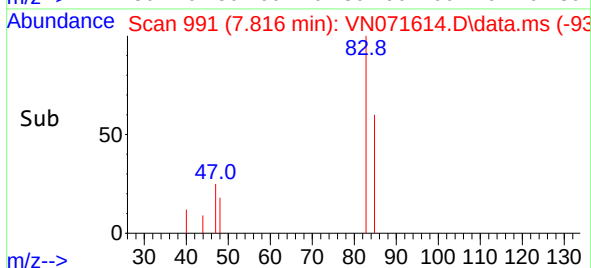
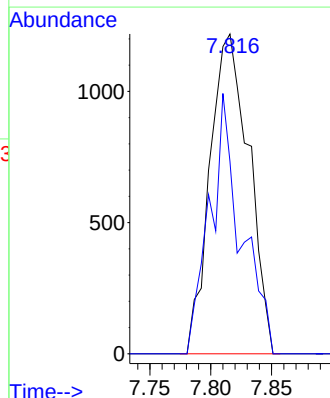
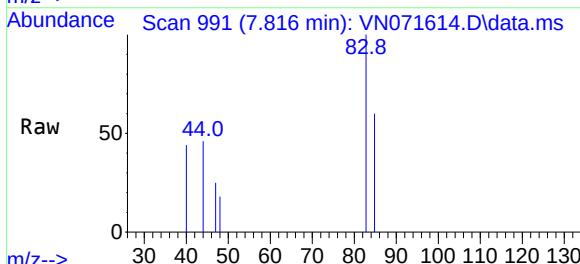
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

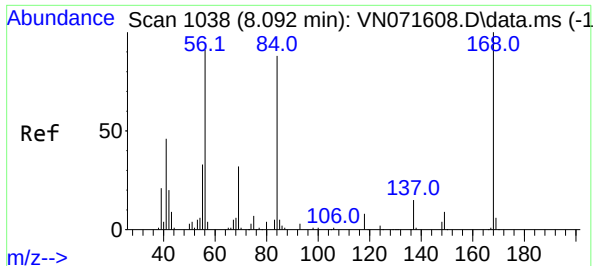
Tgt Ion: 42 Resp: 3951
Ion Ratio Lower Upper
42 100
72 35.6 39.7 59.5#
71 46.2 36.6 55.0



#30
Chloroform
Concen: 0.214 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 83 Resp: 2709
Ion Ratio Lower Upper
83 100
85 60.1 51.8 77.8





#31

Cyclohexane

Concen: 1.215 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN071614.D

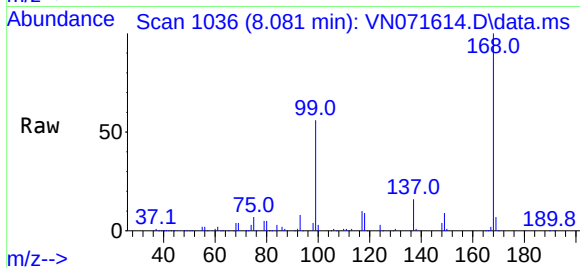
Acq: 28 Mar 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



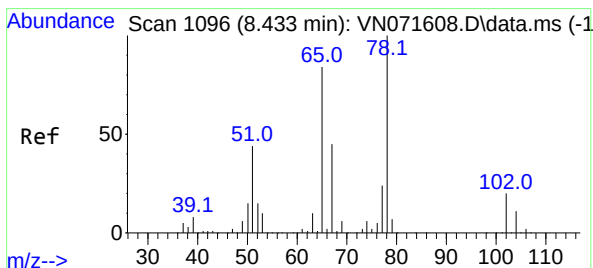
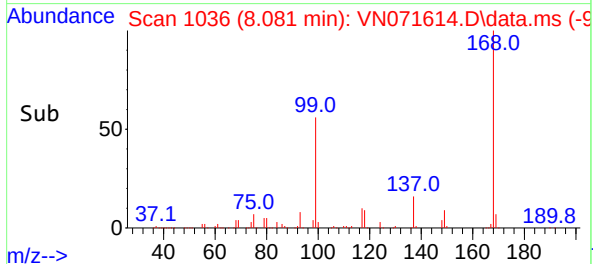
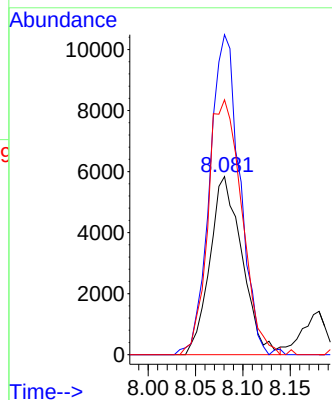
Tgt Ion: 56 Resp: 13809

Ion Ratio Lower Upper

56 100

69 176.8 27.8 41.8#

84 143.1 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.143 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071614.D

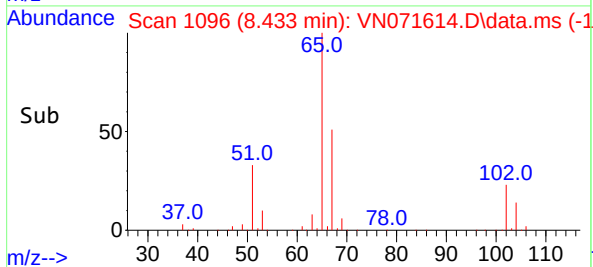
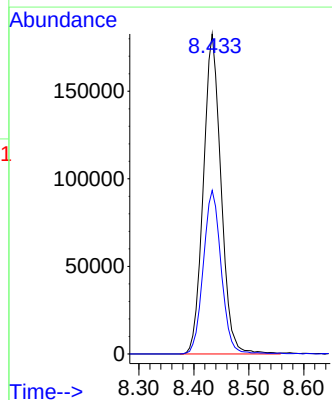
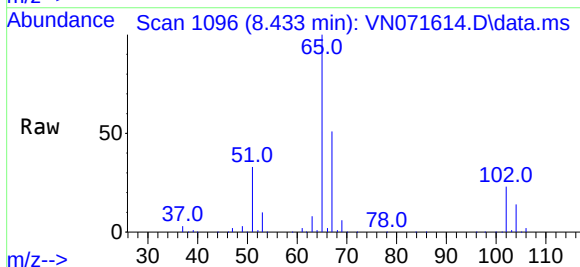
Acq: 28 Mar 2022 19:57

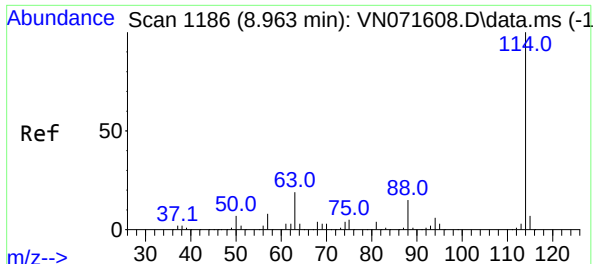
Tgt Ion: 65 Resp: 407966

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8

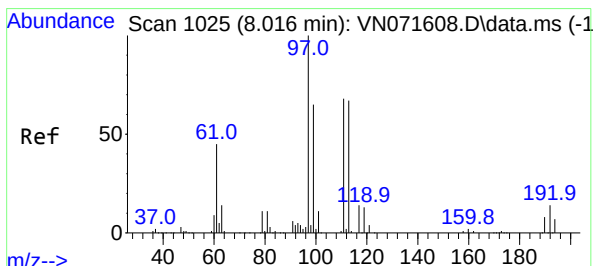
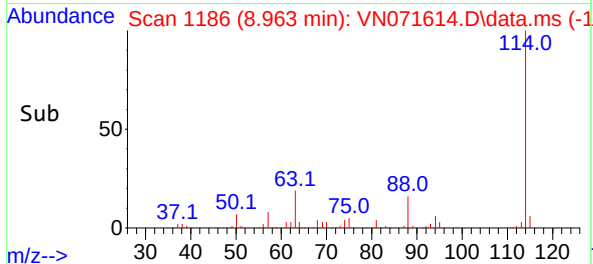
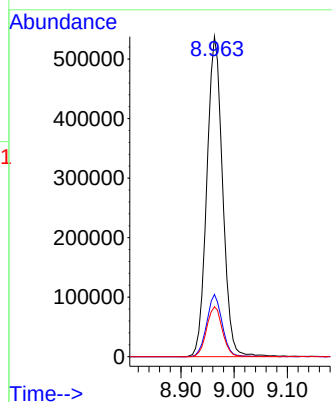
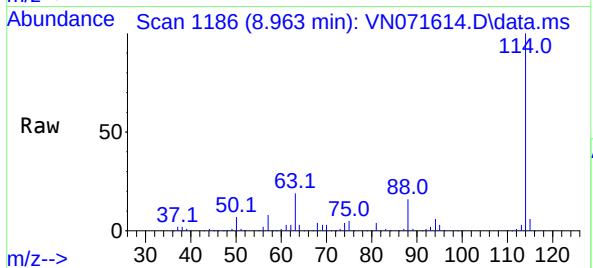




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

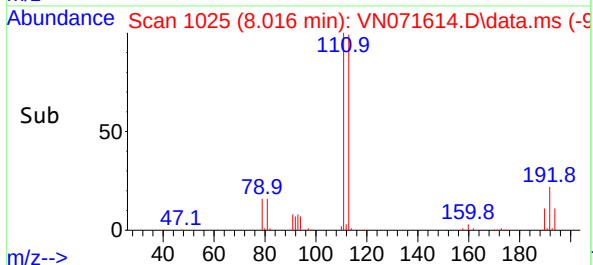
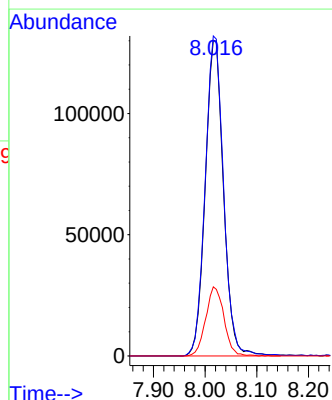
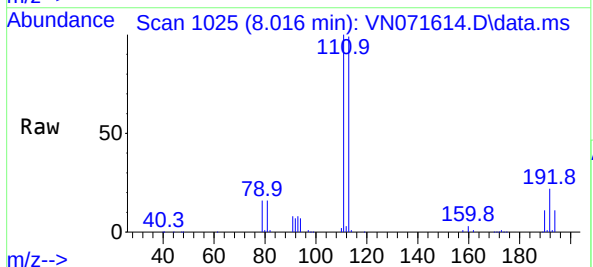
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

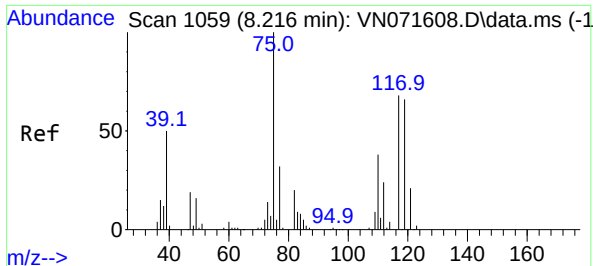
Tgt Ion:114 Resp: 1104599
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.022 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:113 Resp: 318991
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 21.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 0.250 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

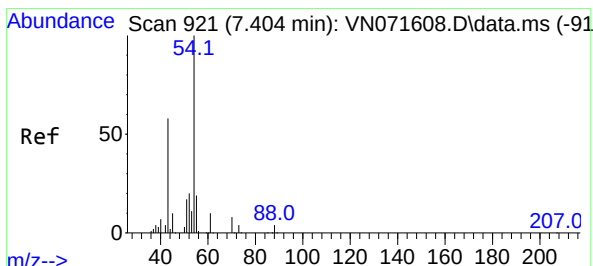
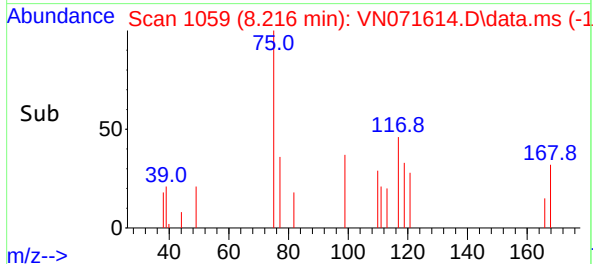
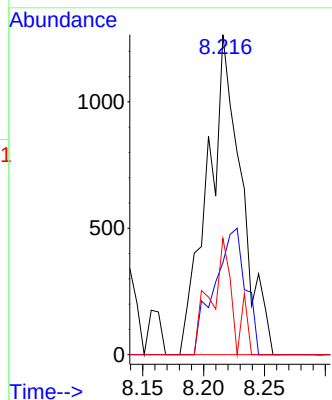
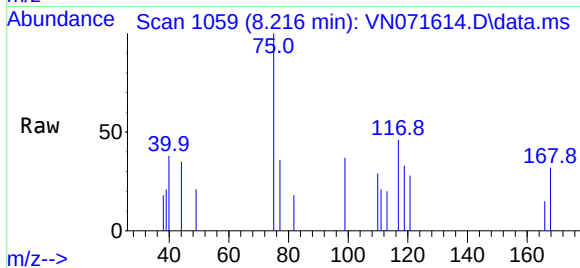
Tgt Ion: 75 Resp: 2437

Ion Ratio Lower Upper

75 100

110 36.6 18.3 54.8

77 24.1 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.215 ug/l

RT: 7.416 min Scan# 923

Delta R.T. 0.012 min

Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

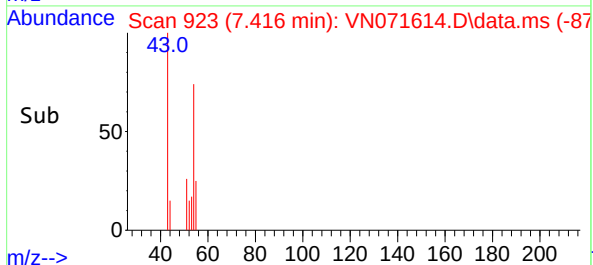
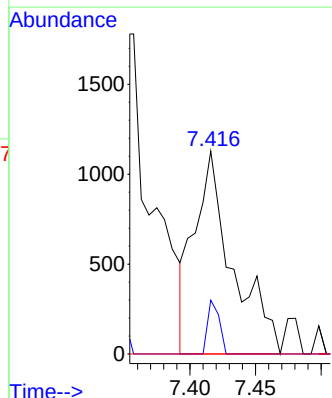
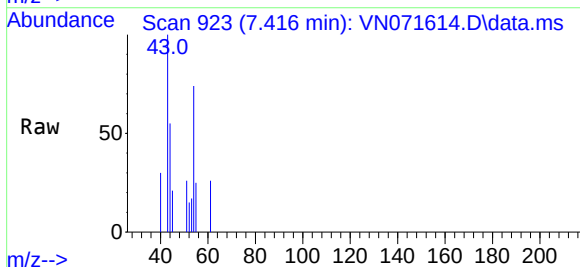
Tgt Ion: 43 Resp: 2291

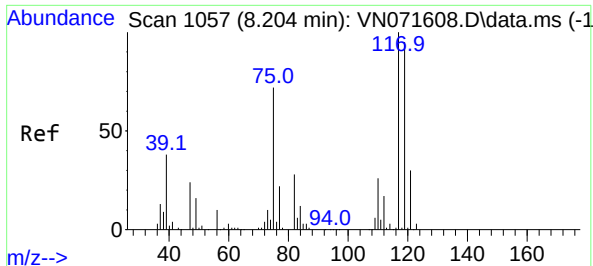
Ion Ratio Lower Upper

43 100

61 8.0 11.8 17.6#

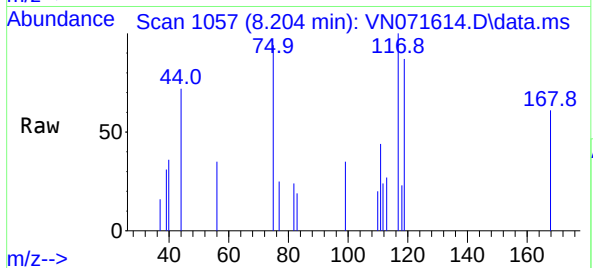
70 0.0 9.3 13.9#



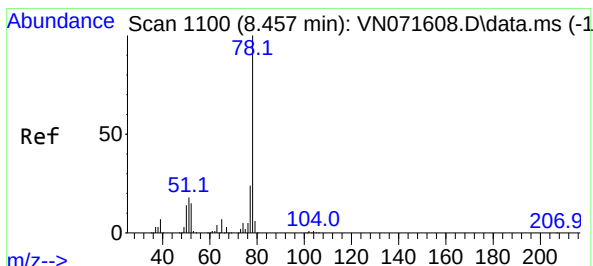
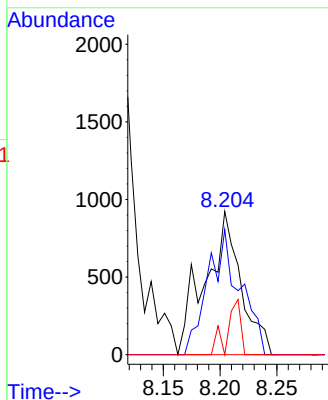
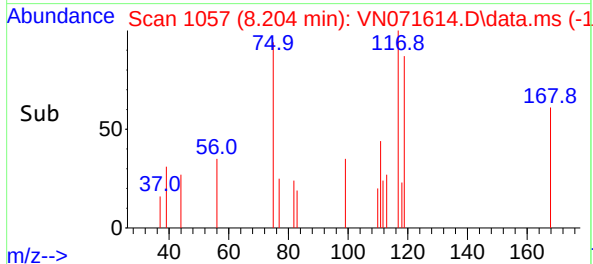


#38
Carbon Tetrachloride
Concen: 0.209 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

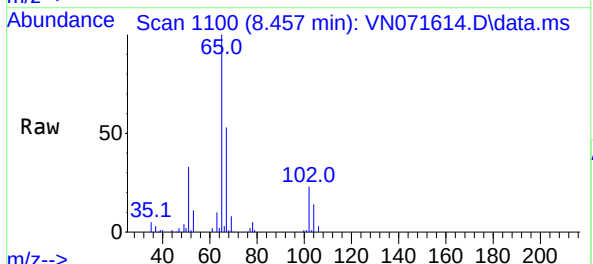
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



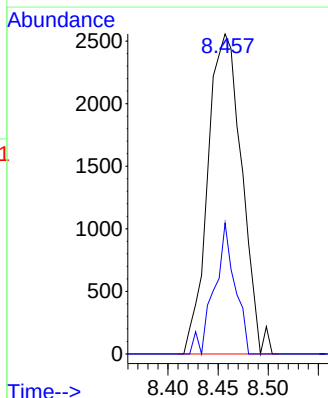
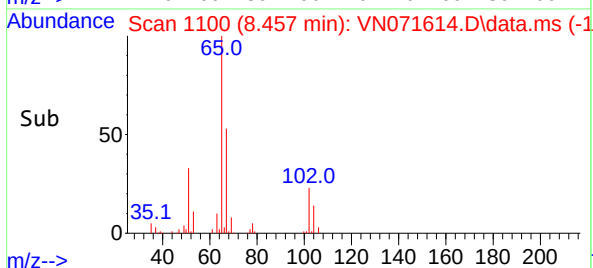
Tgt Ion:117 Resp: 2020
Ion Ratio Lower Upper
117 100
119 87.3 75.8 113.8
121 0.0 24.6 37.0#

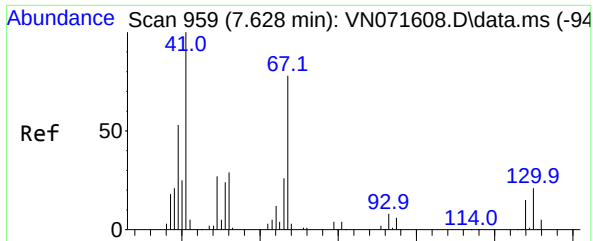


#40
Benzene
Concen: 0.201 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



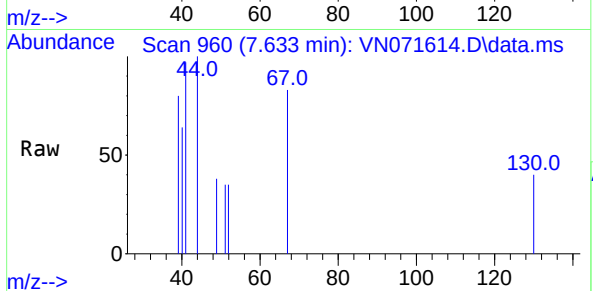
Tgt Ion: 78 Resp: 6025
Ion Ratio Lower Upper
78 100
77 40.9 19.4 29.0#



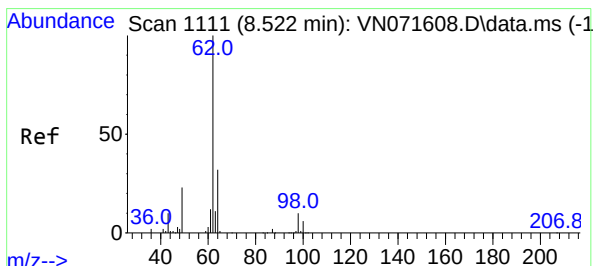
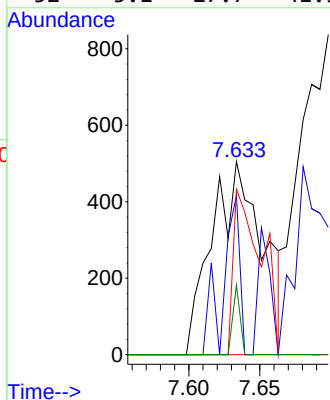
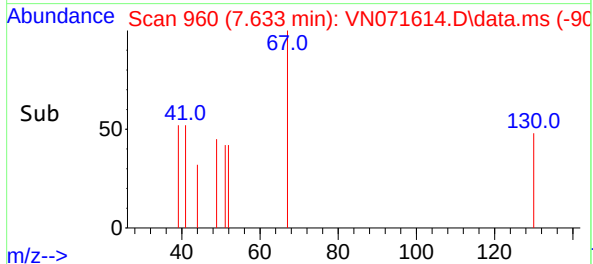


#41
Methacrylonitrile
Concen: 0.242 ug/l
RT: 7.633 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

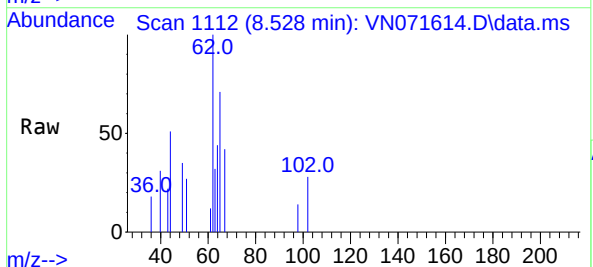
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



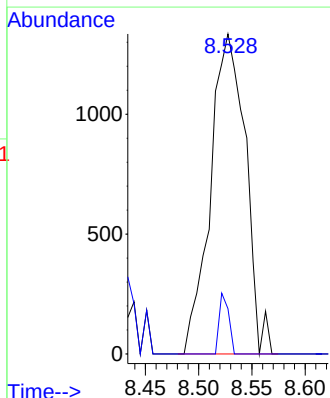
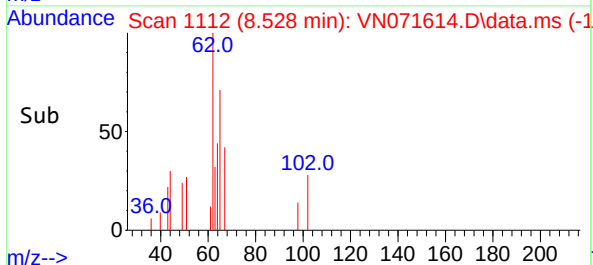
Tgt Ion: 41 Resp: 1256
Ion Ratio Lower Upper
41 100
39 27.1 48.6 73.0#
67 46.1 73.4 110.2#
52 5.1 27.7 41.5#

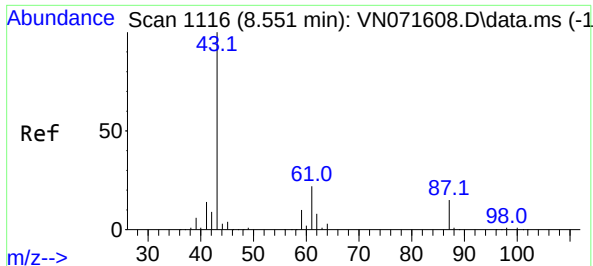


#42
1,2-Dichloroethane
Concen: 0.295 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



Tgt Ion: 62 Resp: 3055
Ion Ratio Lower Upper
62 100
98 5.1 0.0 19.4

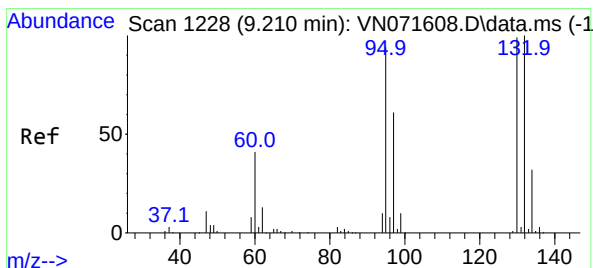
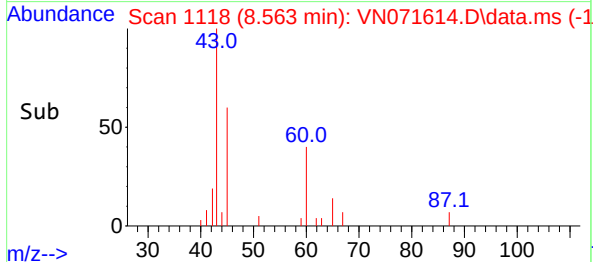
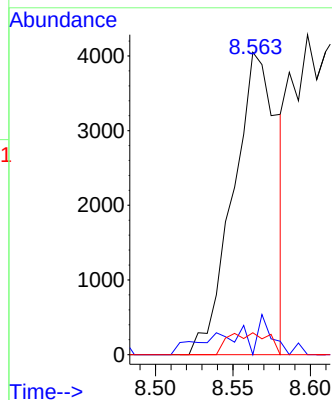
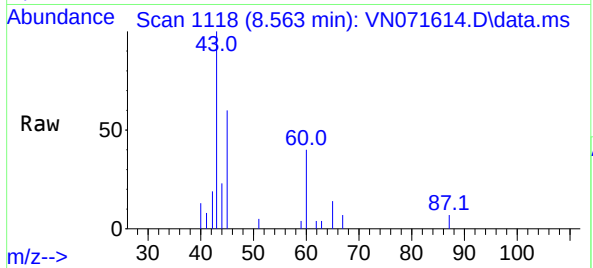




#43
Isopropyl Acetate
Concen: 0.423 ug/l
RT: 8.563 min Scan# 1116
Delta R.T. 0.012 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

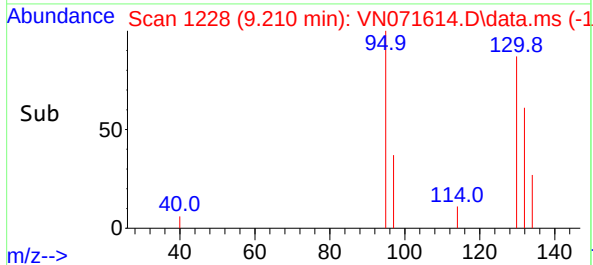
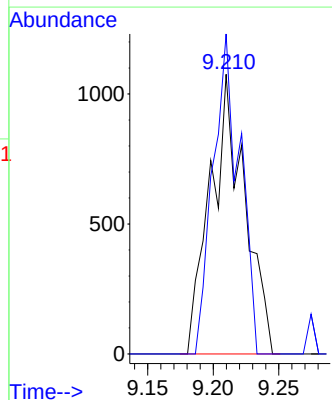
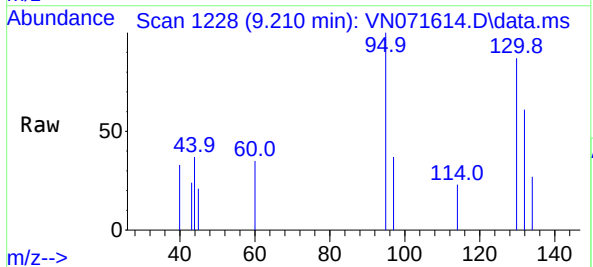
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

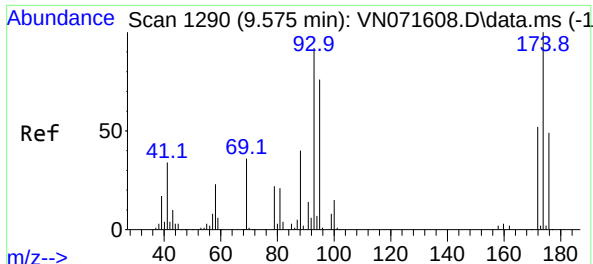
Tgt Ion: 43 Resp: 8014
Ion Ratio Lower Upper
43 100
61 4.8 21.9 32.9#
87 3.2 12.0 18.0#



#44
Trichloroethene
Concen: 0.248 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:130 Resp: 1953
Ion Ratio Lower Upper
130 100
95 114.4 0.0 186.8

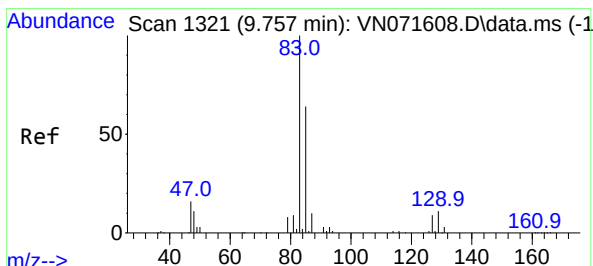
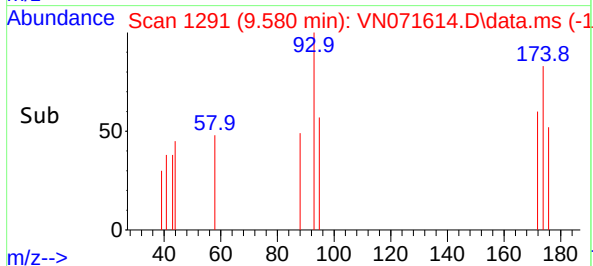
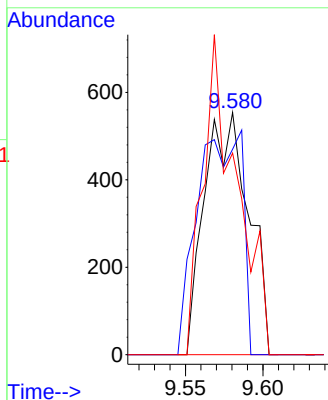
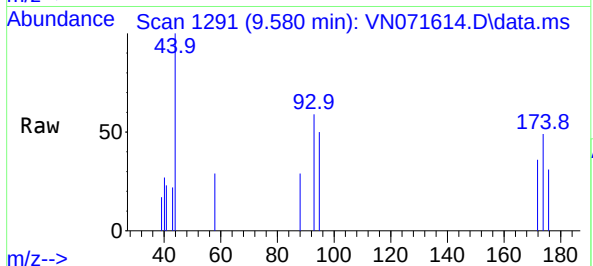




#46
Dibromomethane
Concen: 0.217 ug/l
RT: 9.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

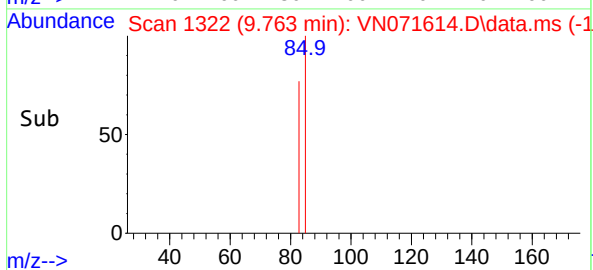
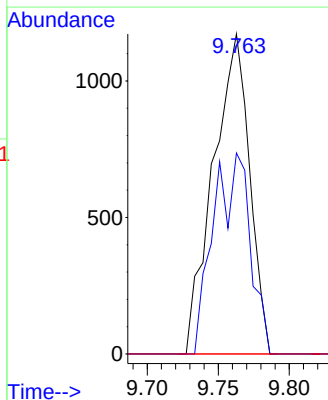
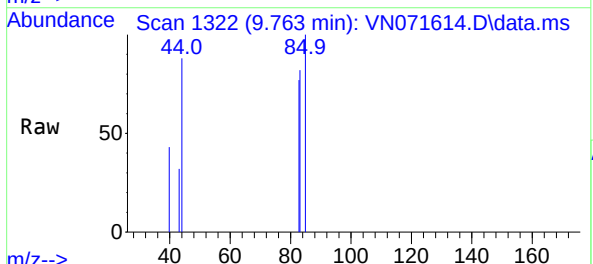
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

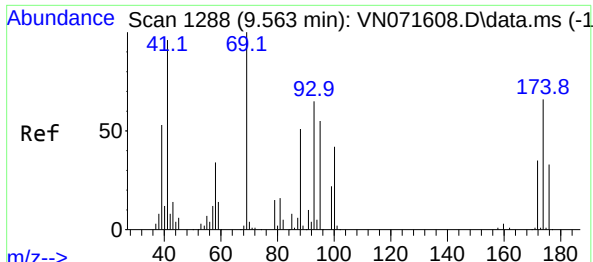
Tgt Ion: 93 Resp: 1093
Ion Ratio Lower Upper
93 100
95 93.8 66.9 100.3
174 102.3 86.6 130.0



#47
Bromodichloromethane
Concen: 0.209 ug/l
RT: 9.763 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 83 Resp: 2083
Ion Ratio Lower Upper
83 100
85 62.8 50.5 75.7
127 0.0 6.8 10.2#

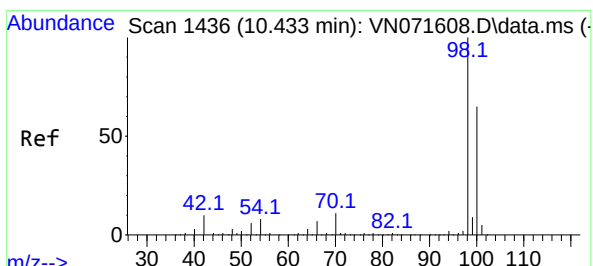
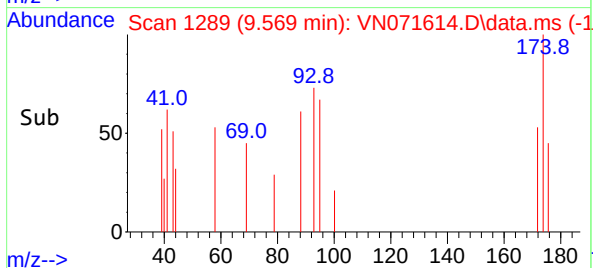
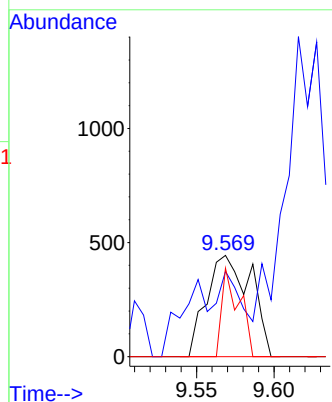
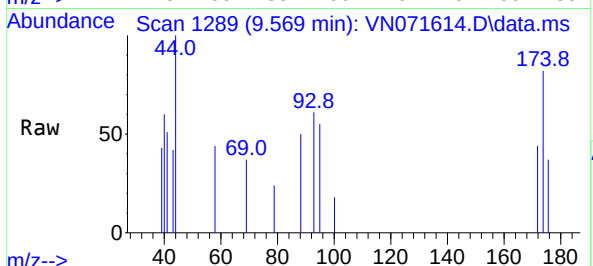




#49
1,4-Dioxane
Concen: 5.228 ug/l
RT: 9.569 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

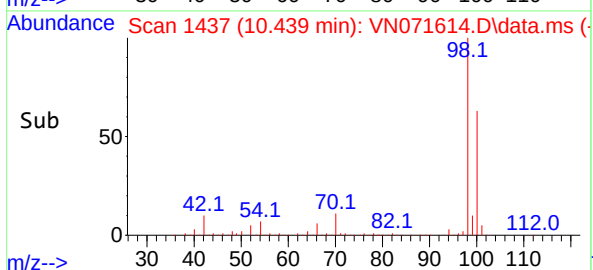
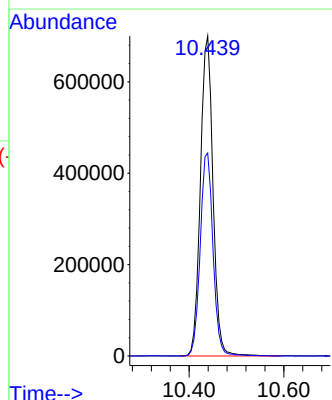
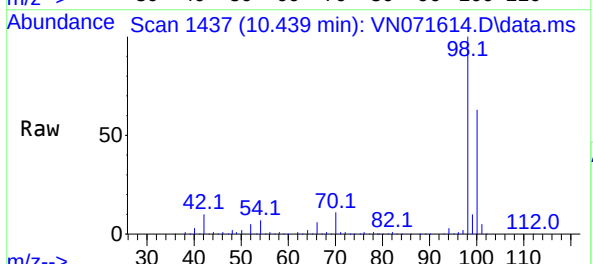
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

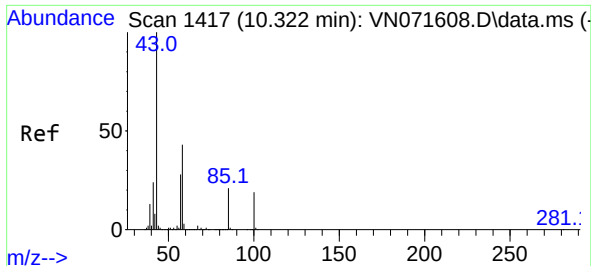
Tgt Ion: 88 Resp: 884
Ion Ratio Lower Upper
88 100
43 50.9 20.2 30.4#
58 34.3 54.2 81.4#



#50
Toluene-d8
Concen: 46.046 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 98 Resp: 1288483
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

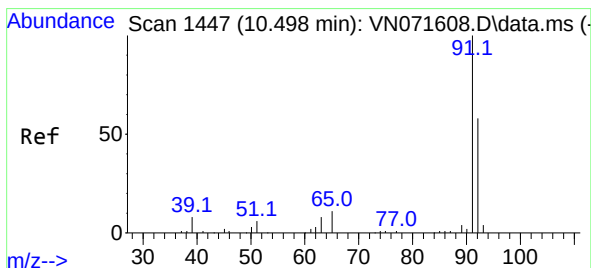
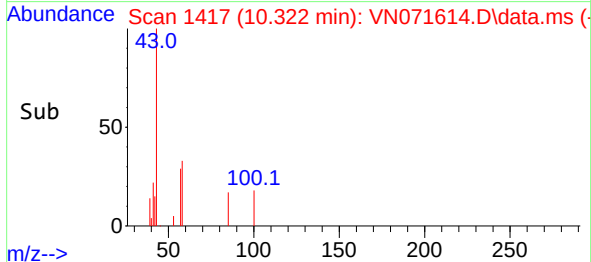
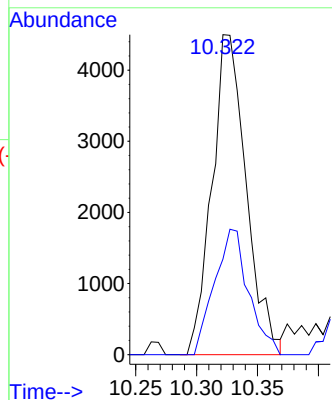
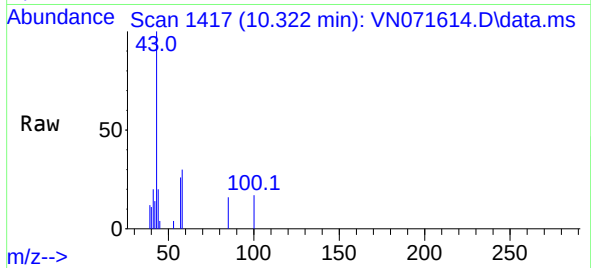




#51
4-Methyl-2-Pentanone
Concen: 0.844 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

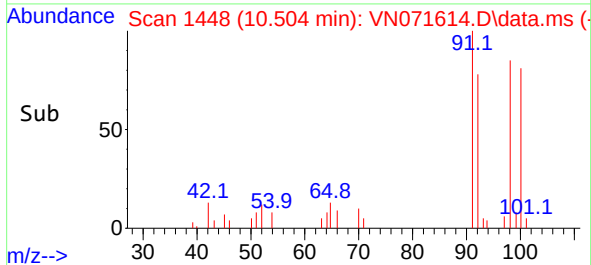
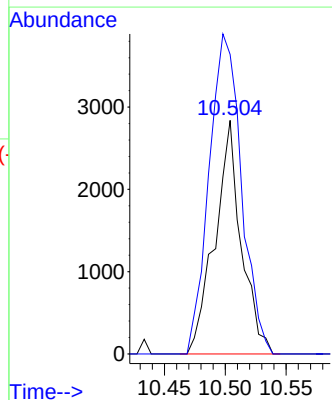
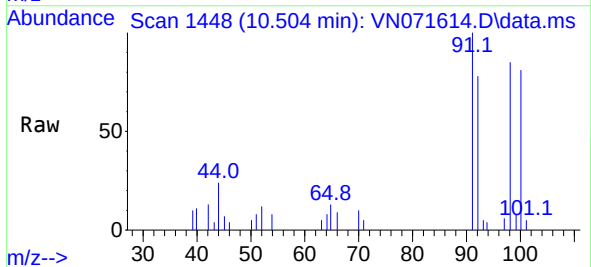
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

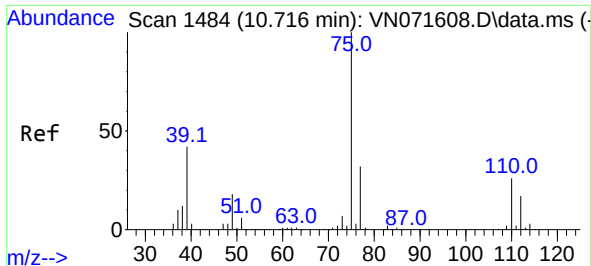
Tgt Ion: 43 Resp: 8829
Ion Ratio Lower Upper
43 100
58 38.9 34.1 51.1



#52
Toluene
Concen: 0.223 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 92 Resp: 4292
Ion Ratio Lower Upper
92 100
91 167.7 138.6 207.8

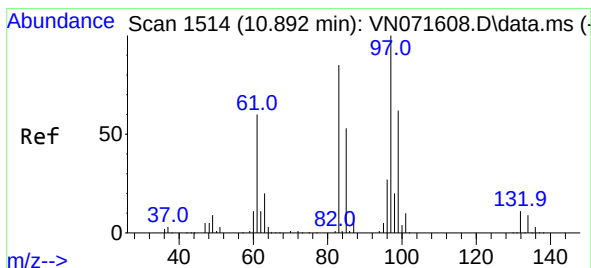
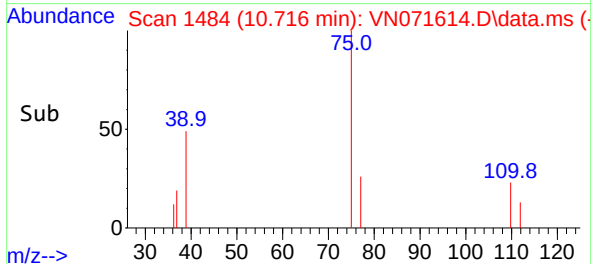
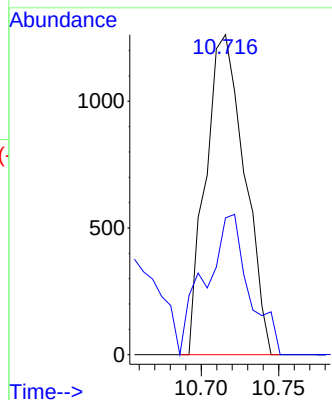
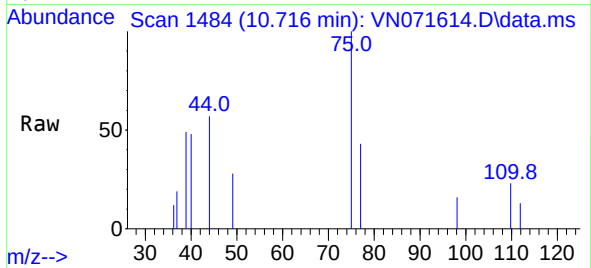




#53
t-1,3-Dichloropropene
Concen: 0.203 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

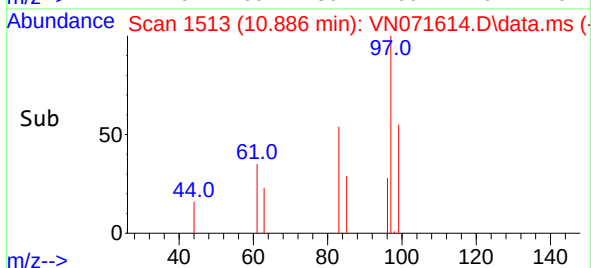
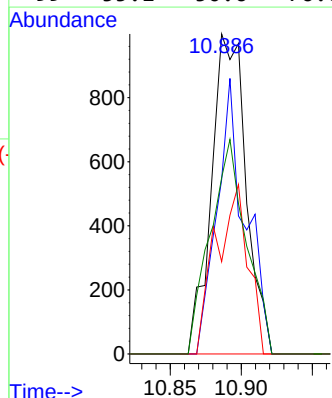
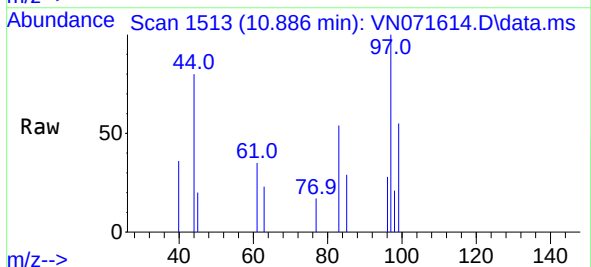
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

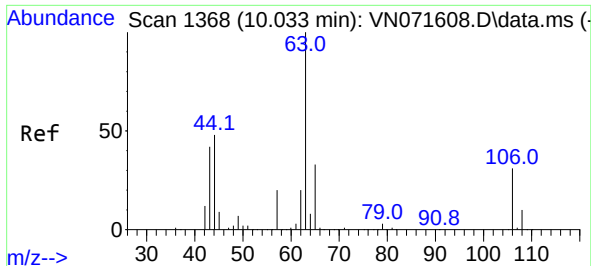
Tgt Ion: 75 Resp: 2199
Ion Ratio Lower Upper
75 100
77 42.8 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 0.218 ug/l
RT: 10.886 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 97 Resp: 1694
Ion Ratio Lower Upper
97 100
83 54.5 66.2 99.4#
85 28.8 43.9 65.9#
99 55.1 50.6 76.0

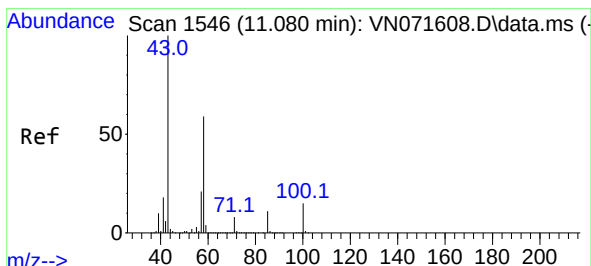
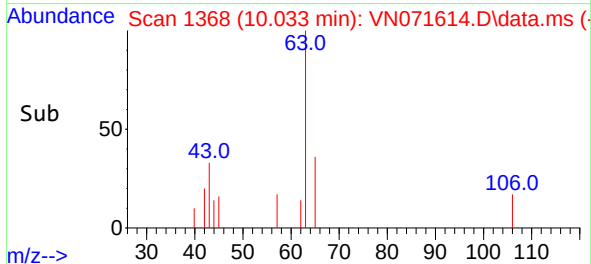
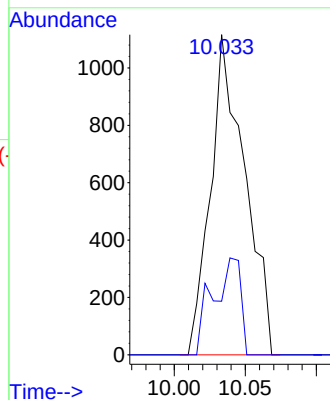
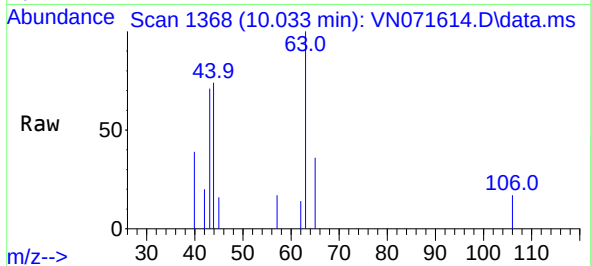




#58
2-Chloroethyl Vinyl ether
Concen: 0.629 ug/l
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

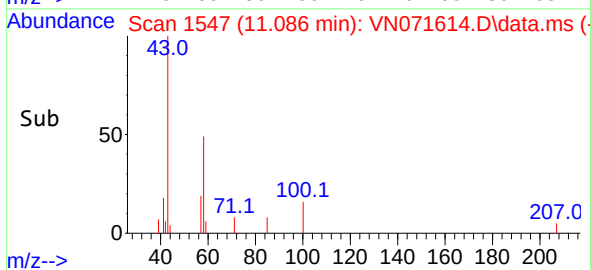
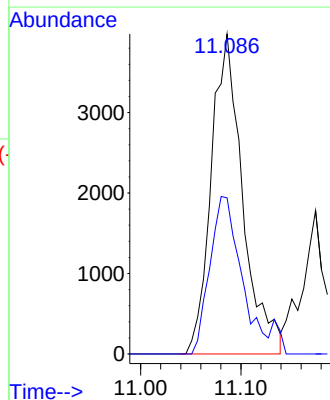
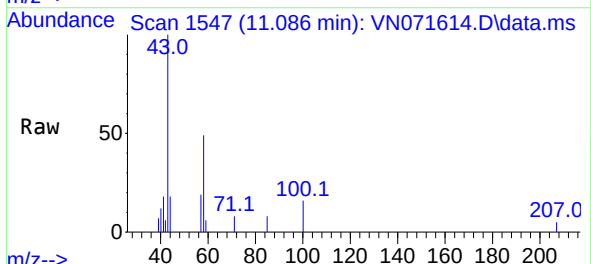
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

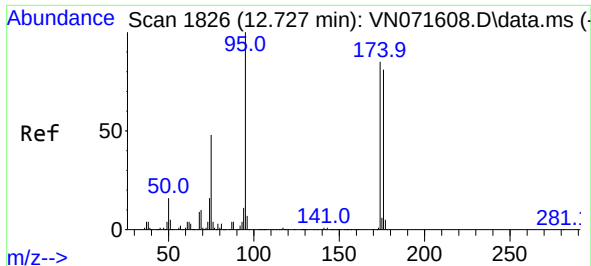
Tgt Ion: 63 Resp: 1873
Ion Ratio Lower Upper
63 100
106 24.3 24.6 36.8#



#59
2-Hexanone
Concen: 1.159 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 43 Resp: 8670
Ion Ratio Lower Upper
43 100
58 49.0 29.7 89.1

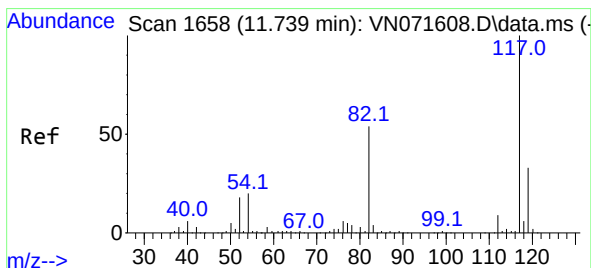
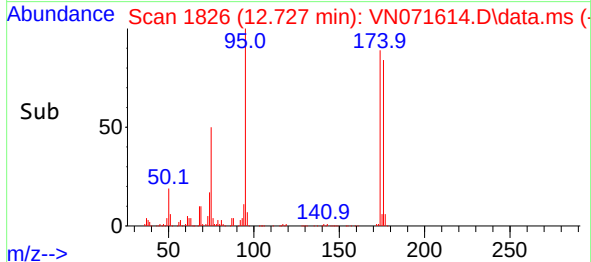
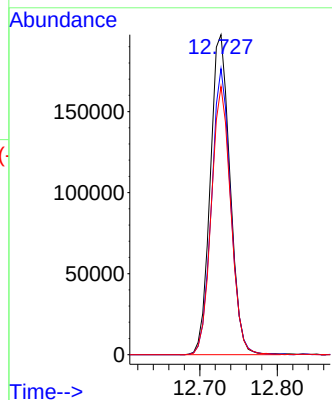
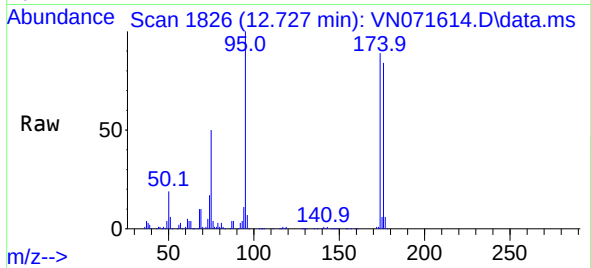




#62
4-Bromofluorobenzene
Concen: 38.296 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

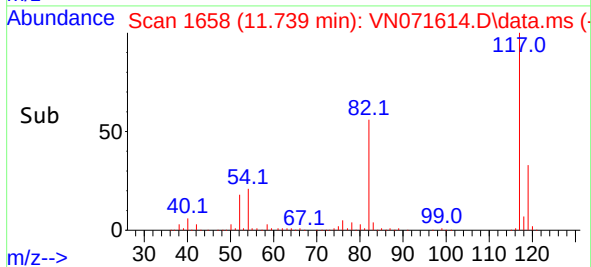
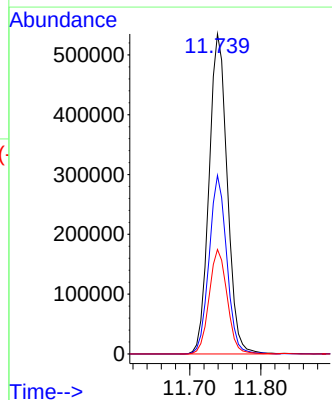
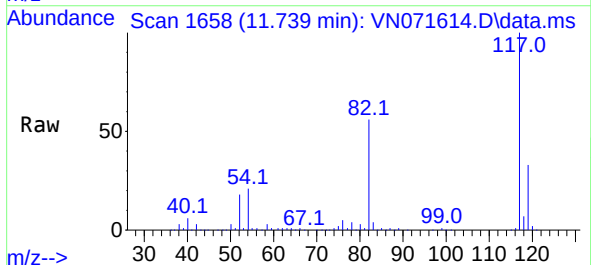
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

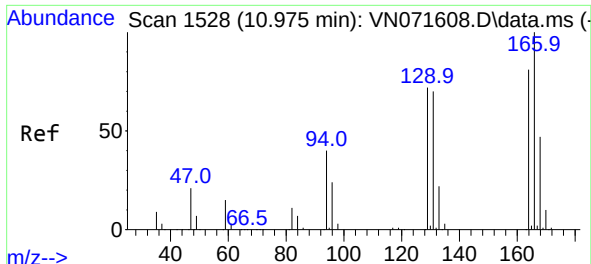
Tgt Ion: 95 Resp: 349590
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.6
176 82.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 117 Resp: 954088
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.7 25.4 38.0

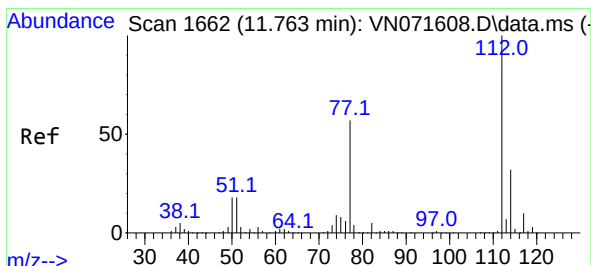
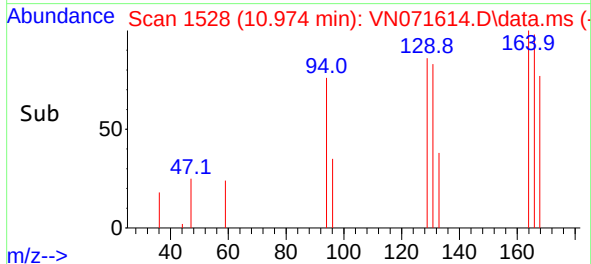
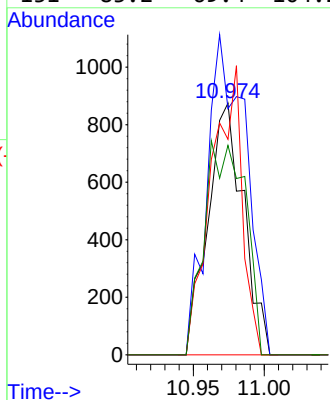
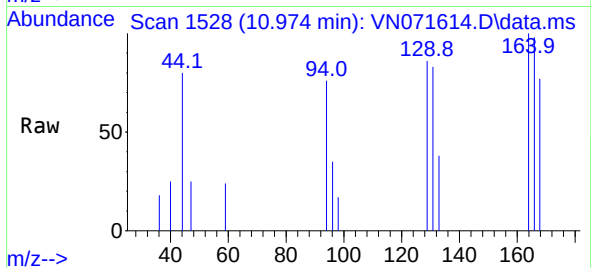




#64
Tetrachloroethene
Concen: 0.231 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

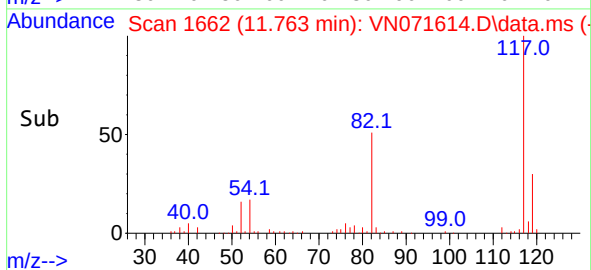
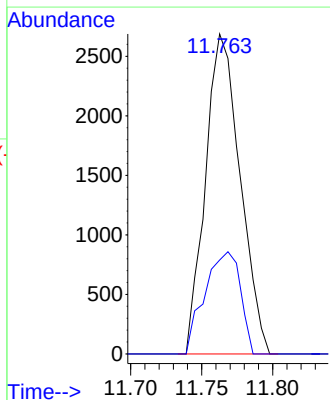
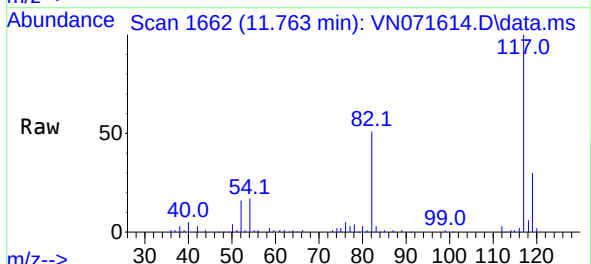
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

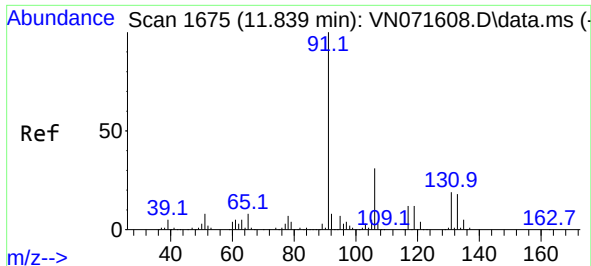
Tgt Ion:164 Resp: 1524
Ion Ratio Lower Upper
164 100
166 97.8 104.2 156.2#
129 85.6 73.9 110.9
131 83.2 69.4 104.2



#65
Chlorobenzene
Concen: 0.229 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:112 Resp: 4560
Ion Ratio Lower Upper
112 100
114 29.4 25.4 38.2





#67

Ethyl Benzene

Concen: 0.203 ug/l

RT: 11.839 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

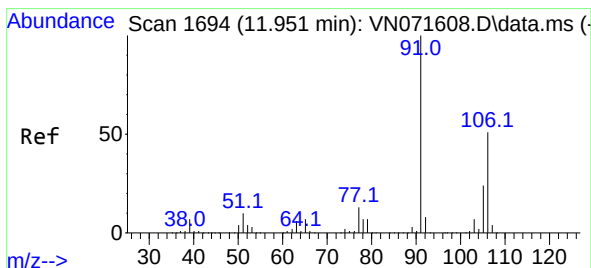
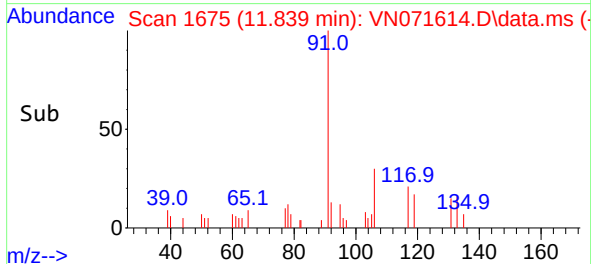
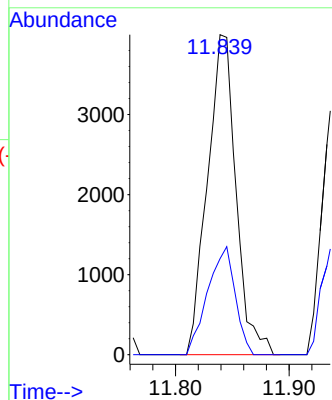
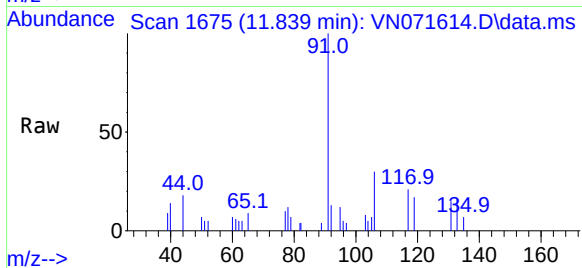
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 91 Resp: 6983

Ion Ratio Lower Upper

91 100

106 30.0 24.9 37.3



#68

m/p-Xylenes

Concen: 0.372 ug/l

RT: 11.945 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VN071614.D

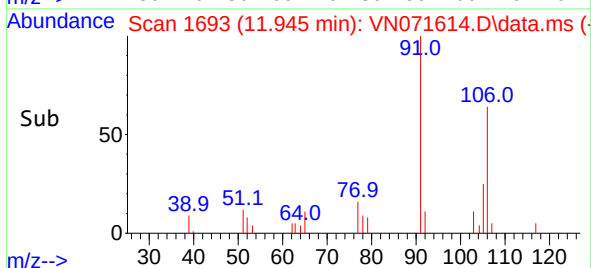
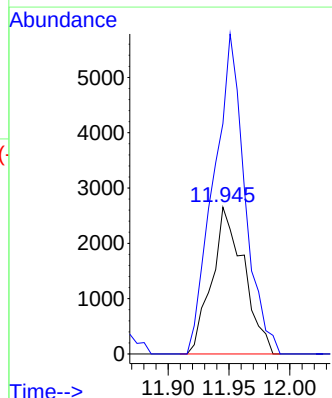
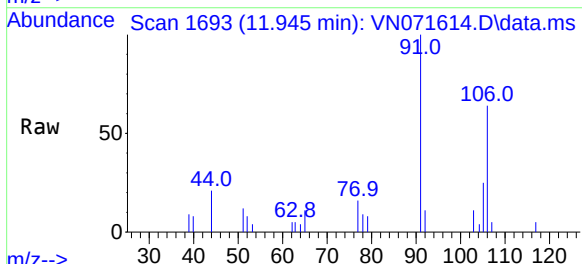
Acq: 28 Mar 2022 19:57

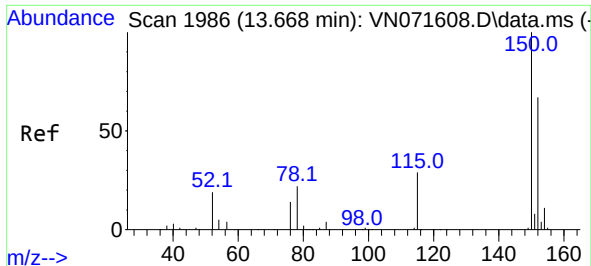
Tgt Ion: 106 Resp: 4857

Ion Ratio Lower Upper

106 100

91 212.6 158.9 238.3

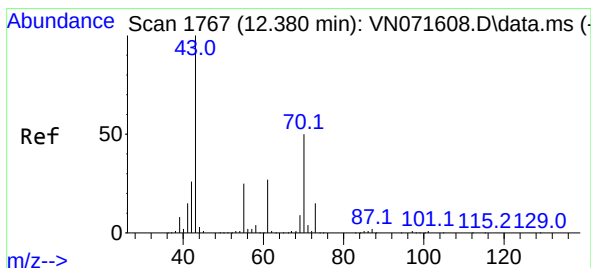
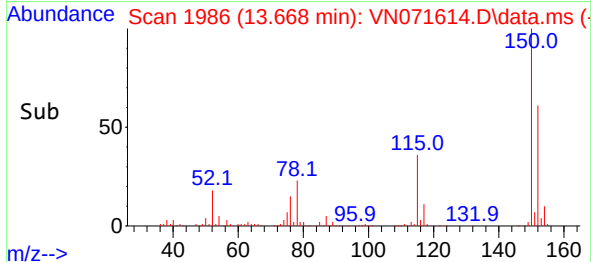
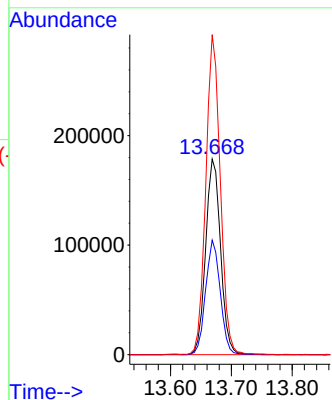
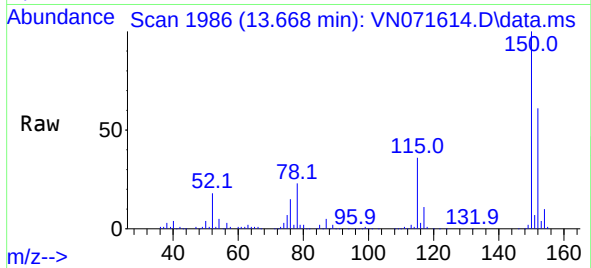




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

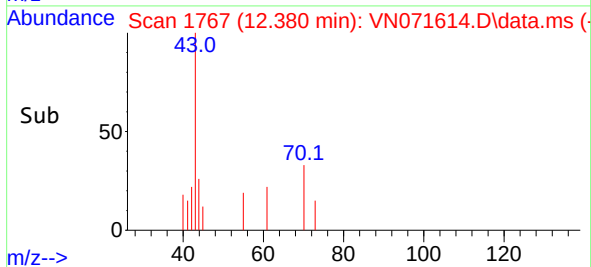
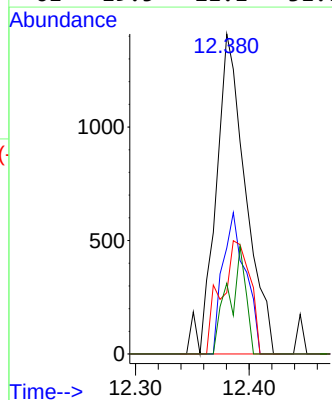
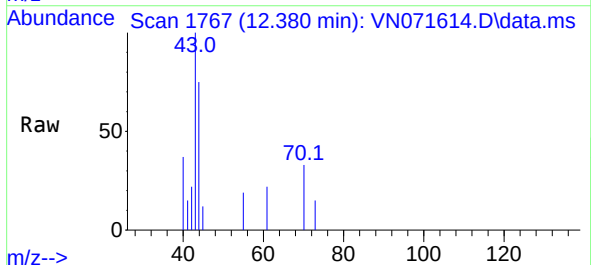
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

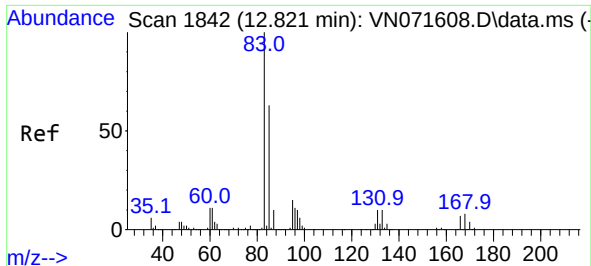
Tgt Ion:152 Resp: 304979
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 157.7 0.0 356.2



#74
N-ethyl acetate
Concen: 0.316 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 43 Resp: 2561
Ion Ratio Lower Upper
43 100
70 33.9 39.0 58.4#
55 34.0 21.1 31.7#
61 19.5 21.1 31.7#

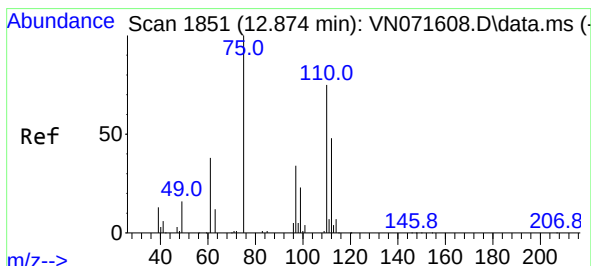
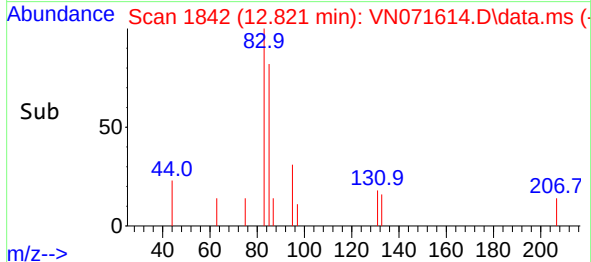
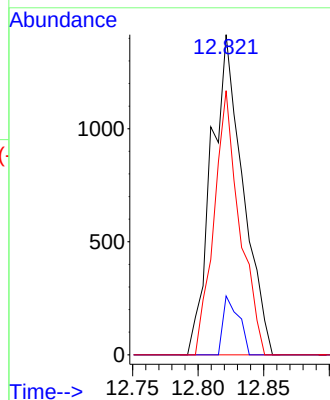
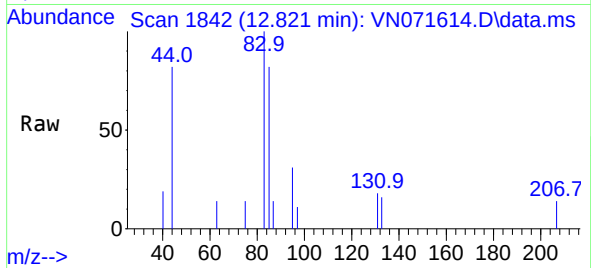




#75
1,1,2,2-Tetrachloroethane
Concen: 0.266 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

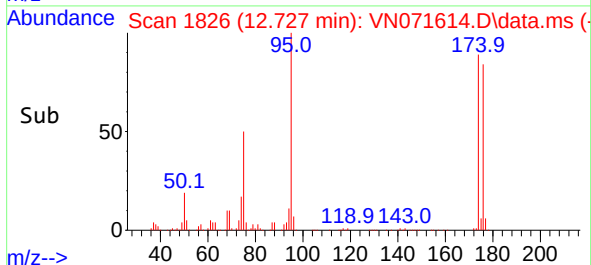
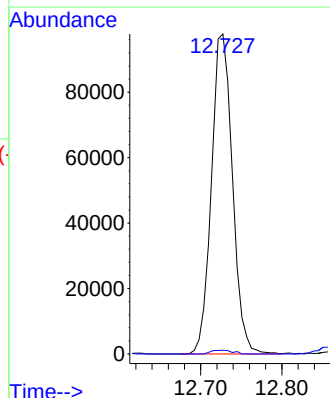
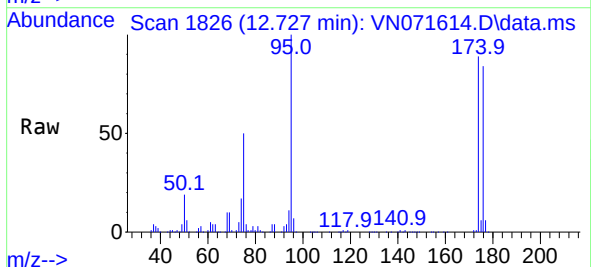
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

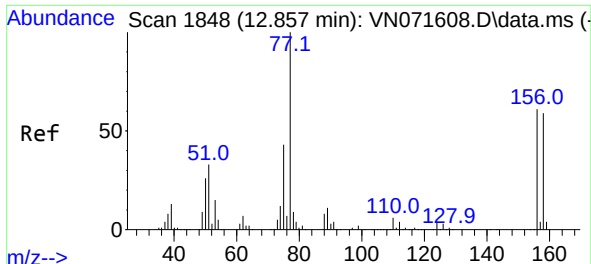
Tgt Ion: 83 Resp: 2376
Ion Ratio Lower Upper
83 100
131 9.0 5.3 15.9
85 66.7 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 24.023 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 75 Resp: 175921
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

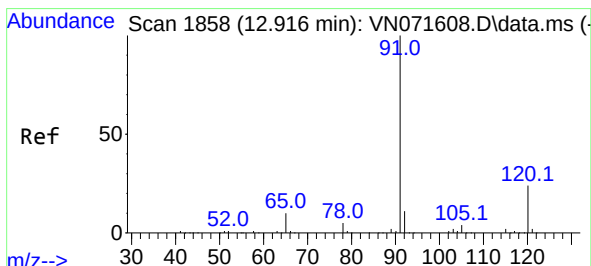
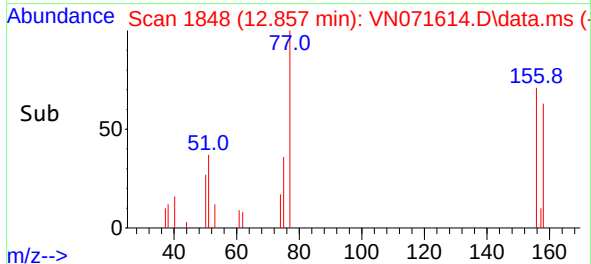
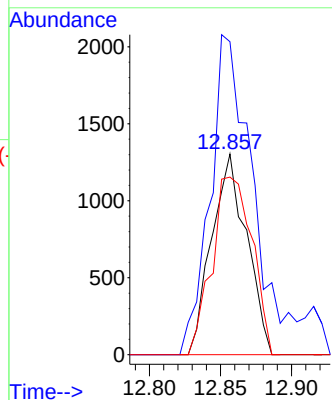
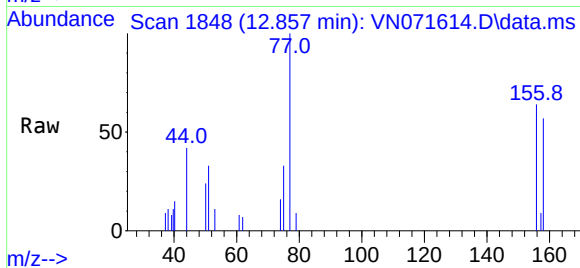




#77
Bromobenzene
Concen: 0.333 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

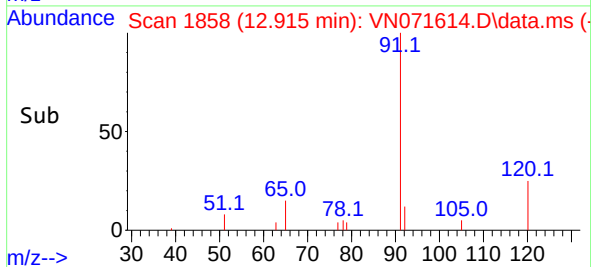
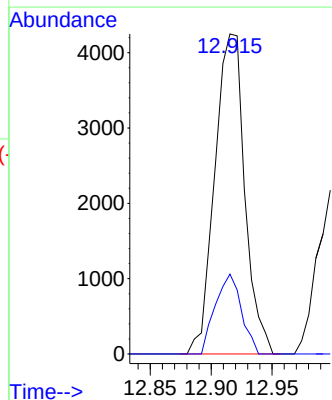
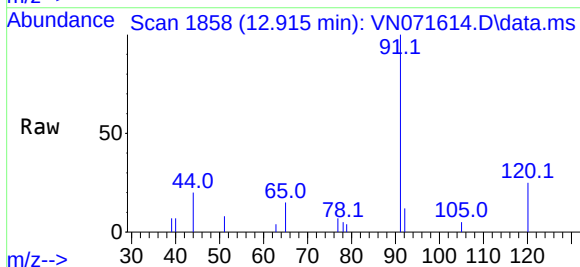
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

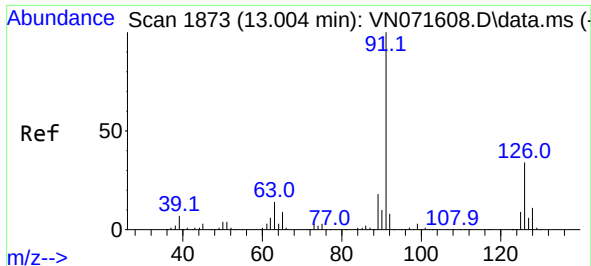
Tgt Ion:	156	Resp:	2234
Ion	Ratio	Lower	Upper
156	100		
77	194.1	100.5	301.5
158	101.6	48.9	146.6



#78
n-propylbenzene
Concen: 0.254 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:	91	Resp:	7295
Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.9	35.5

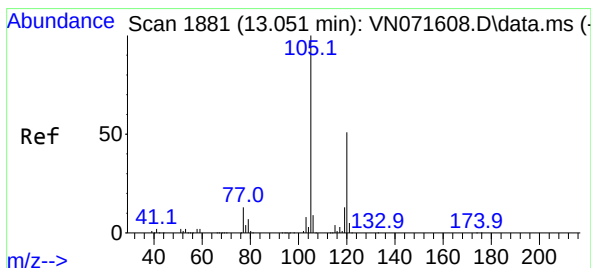
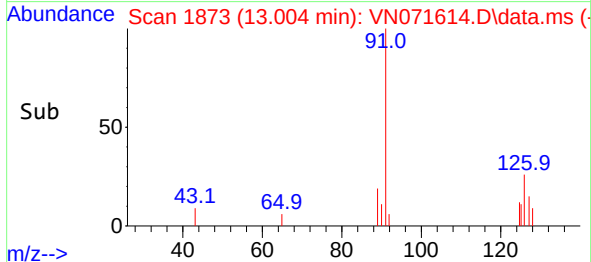
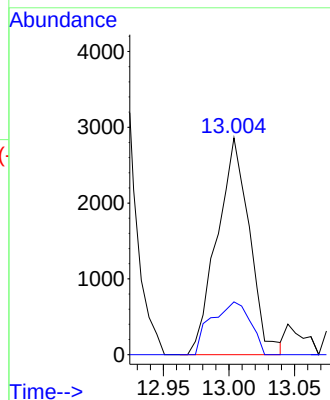
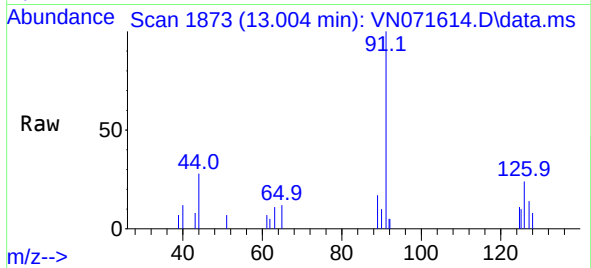




#79
2-Chlorotoluene
Concen: 0.273 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

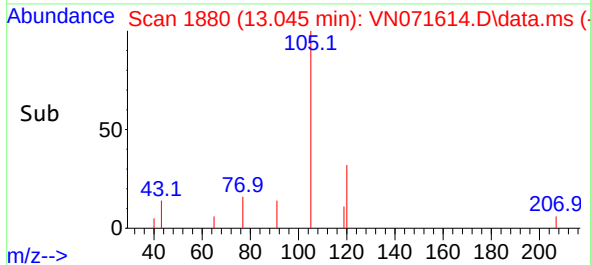
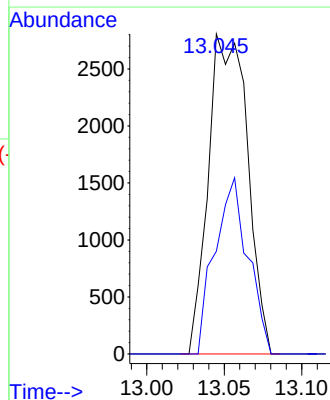
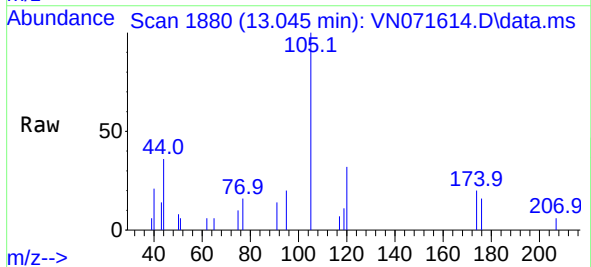
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

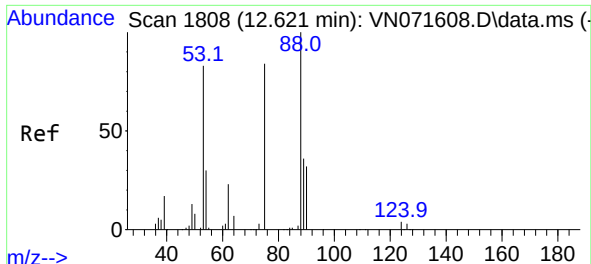
Tgt Ion: 91 Resp: 4926
Ion Ratio Lower Upper
91 100
126 29.1 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 0.233 ug/l
RT: 13.045 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 105 Resp: 4917
Ion Ratio Lower Upper
105 100
120 46.8 24.9 74.7

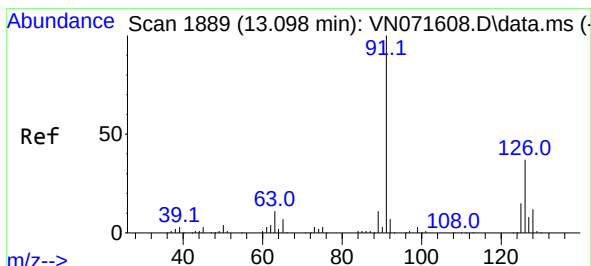
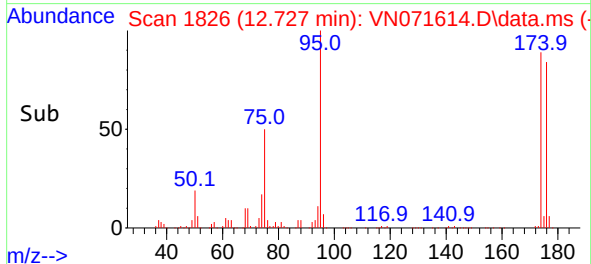
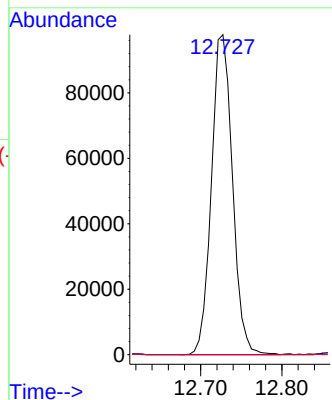
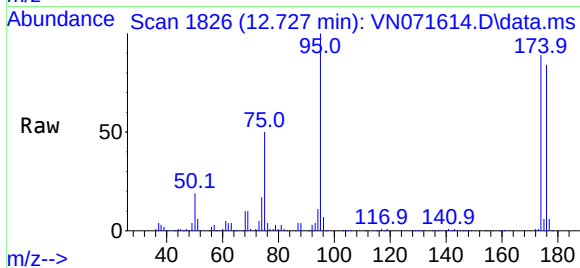




#81
trans-1,4-Dichloro-2-butene
Concen: 69.342 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

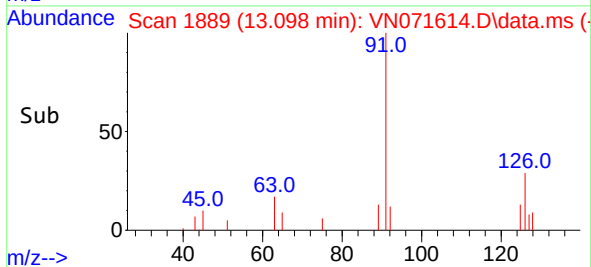
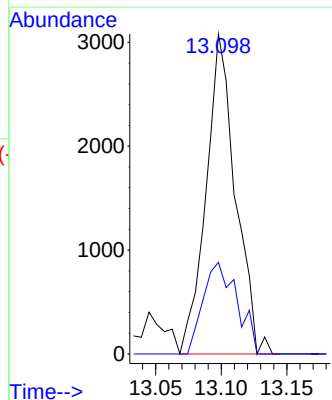
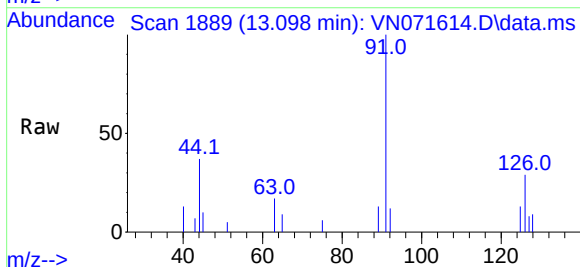
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

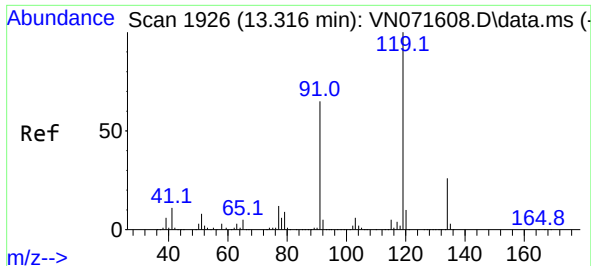
Tgt Ion: 75 Resp: 175921
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.285 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 91 Resp: 4796
Ion Ratio Lower Upper
91 100
126 33.0 17.2 51.6

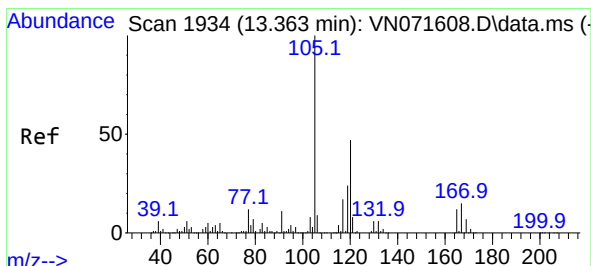
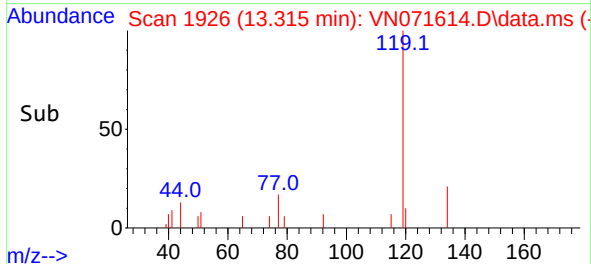
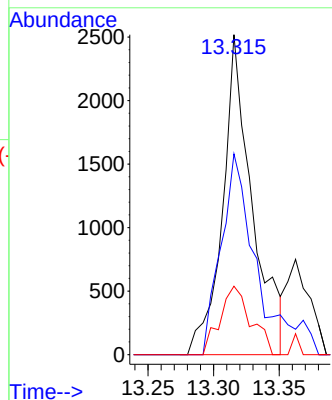
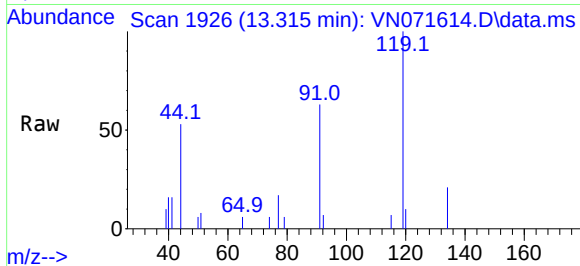




#83
tert-Butylbenzene
Concen: 0.205 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

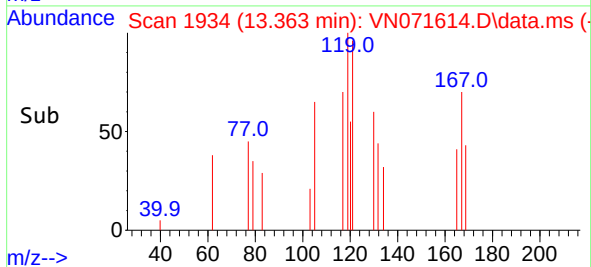
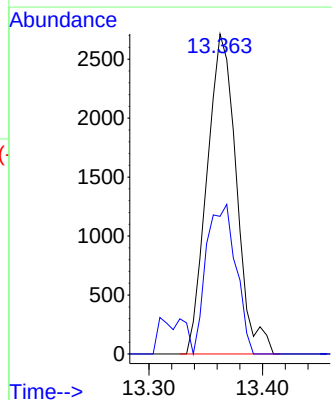
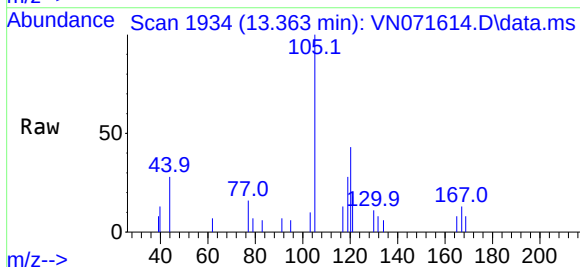
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

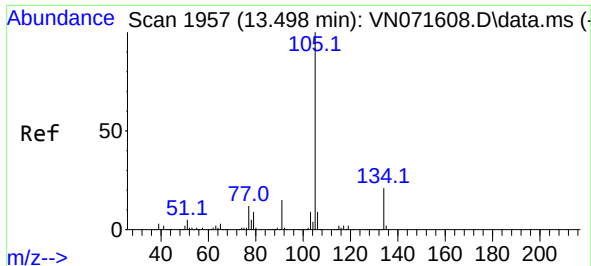
Tgt Ion:	119	Resp:	3957
Ion	Ratio	Lower	Upper
119	100		
91	76.3	31.6	94.8
134	22.3	13.7	41.1



#84
1,2,4-Trimethylbenzene
Concen: 0.236 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:	105	Resp:	4876
Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.3	69.8

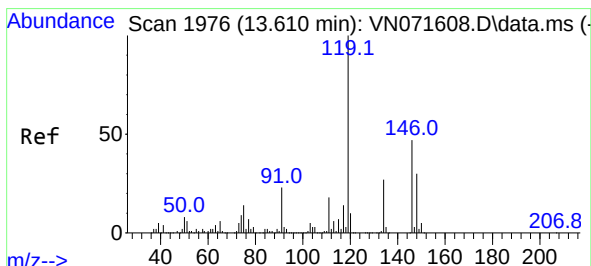
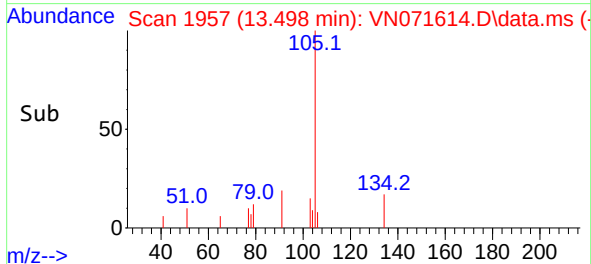
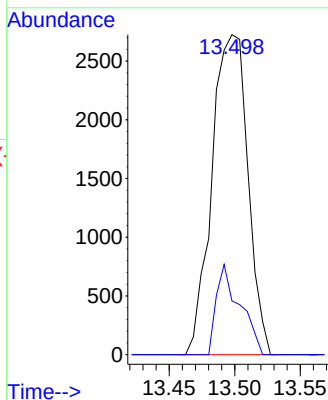
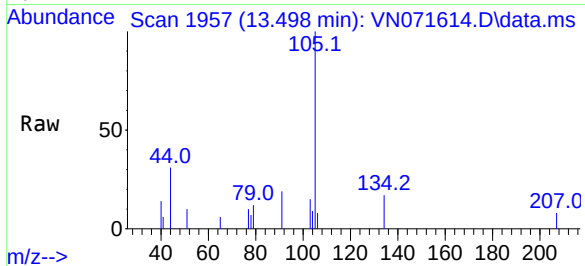




#85
 sec-Butylbenzene
 Concen: 0.203 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57

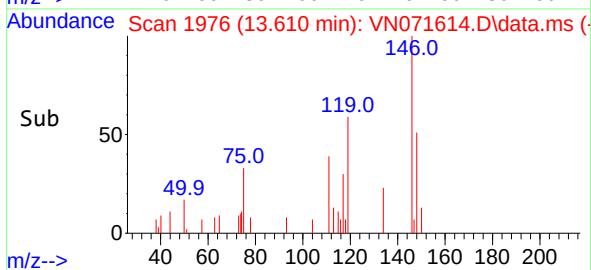
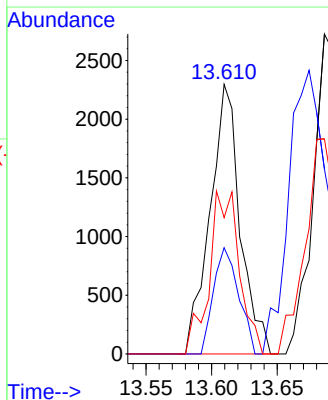
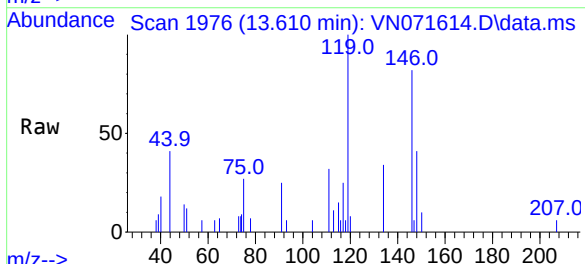
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT1-2022

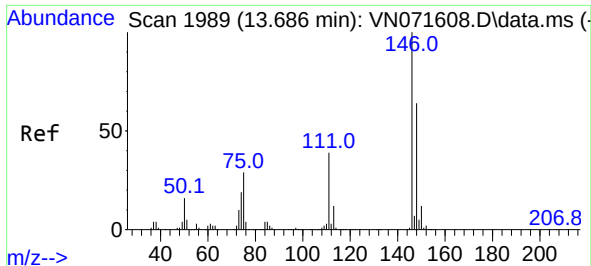
Tgt Ion:105 Resp: 5195
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.4 31.1



#87
 1,3-Dichlorobenzene
 Concen: 0.339 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57

Tgt Ion:146 Resp: 3670
 Ion Ratio Lower Upper
 146 100
 111 32.8 20.0 60.0
 148 60.1 32.0 96.0

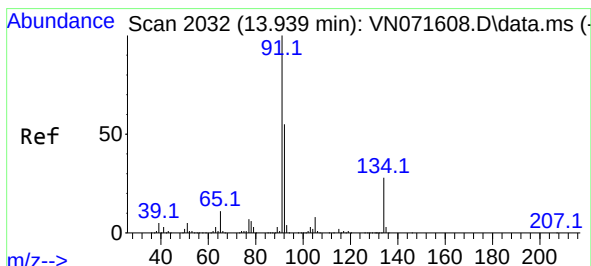
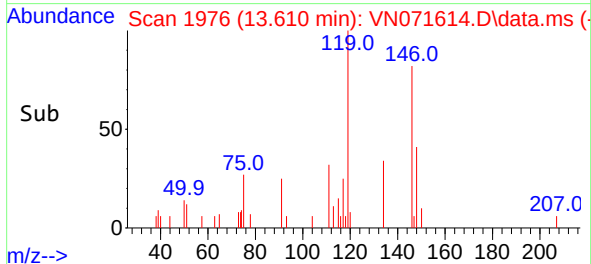
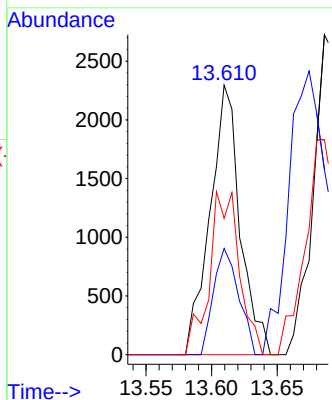
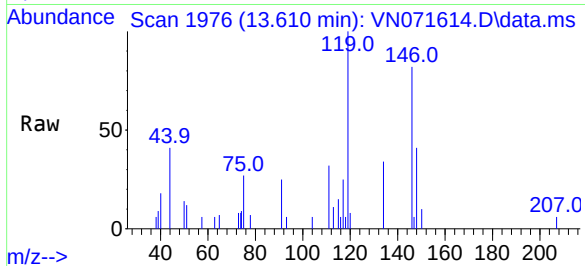




#88
1,4-Dichlorobenzene
Concen: 0.341 ug/l
RT: 13.610 min Scan# 1989
Delta R.T. -0.077 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

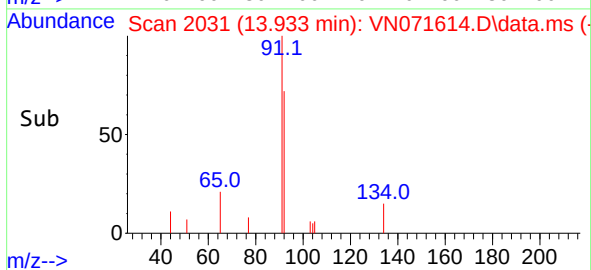
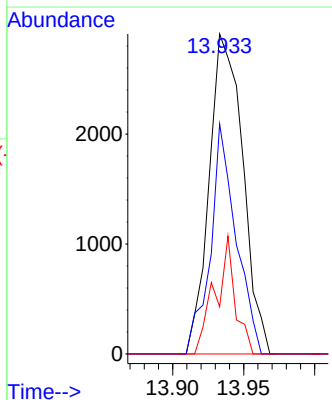
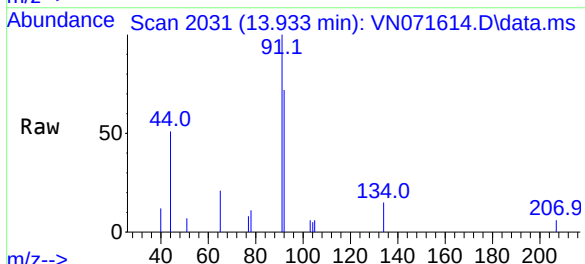
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

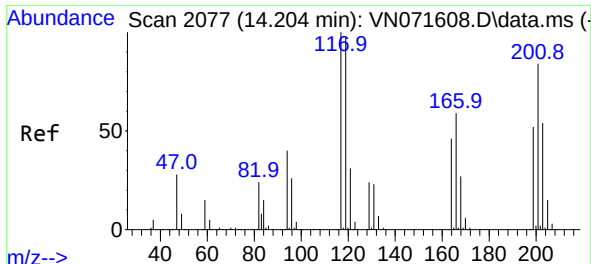
Tgt Ion:146	Resp:	3670	
Ion	Ratio	Lower	Upper
146	100		
111	32.8	19.1	57.1
148	60.1	31.4	94.3



#89
n-Butylbenzene
Concen: 0.312 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 91	Resp:	4786	
Ion Ratio	Lower	Upper	
91	100		
92	54.8	26.9	80.7
134	21.9	13.6	40.8

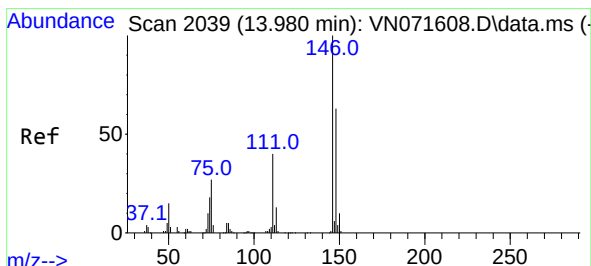
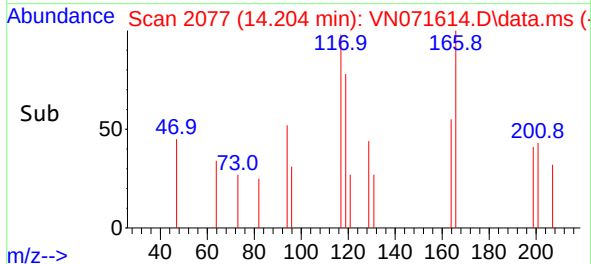
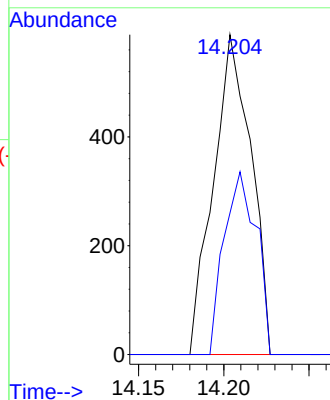
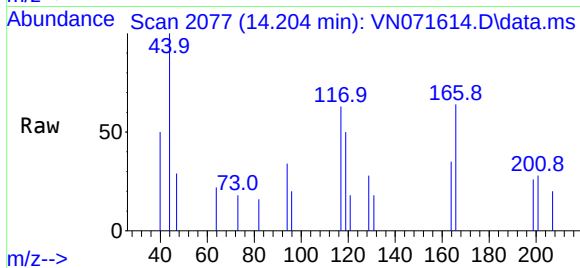




#90
Hexachloroethane
Concen: 0.237 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

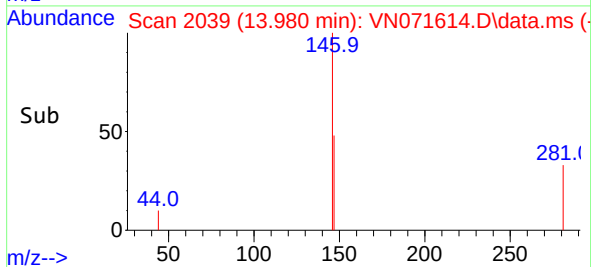
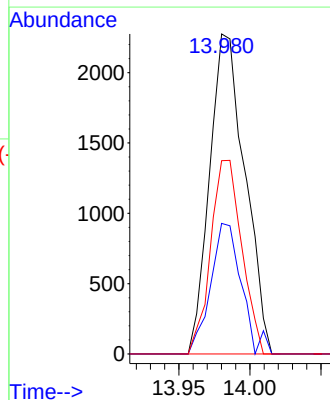
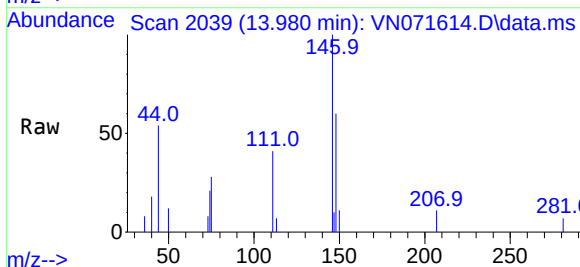
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

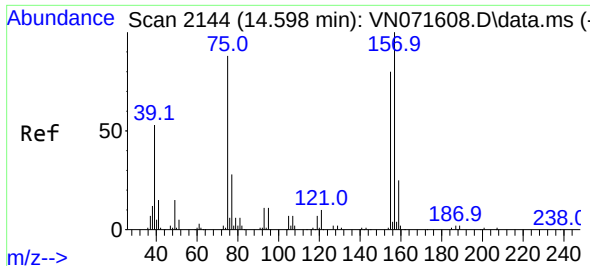
Tgt Ion:117 Resp: 904
Ion Ratio Lower Upper
117 100
201 49.0 40.6 122.0



#91
1,2-Dichlorobenzene
Concen: 0.372 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:146 Resp: 3943
Ion Ratio Lower Upper
146 100
111 35.5 20.9 62.8
148 53.3 32.1 96.3

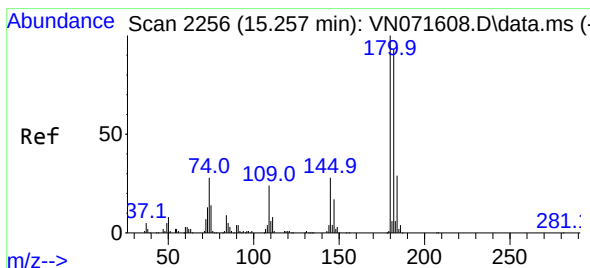
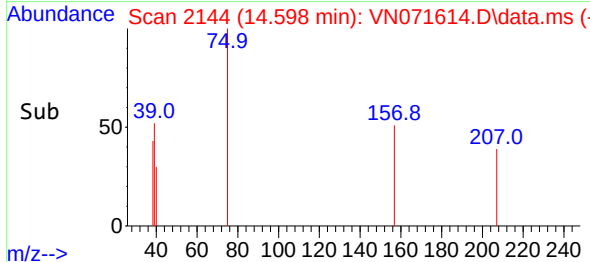
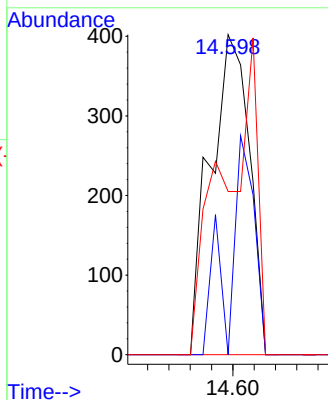
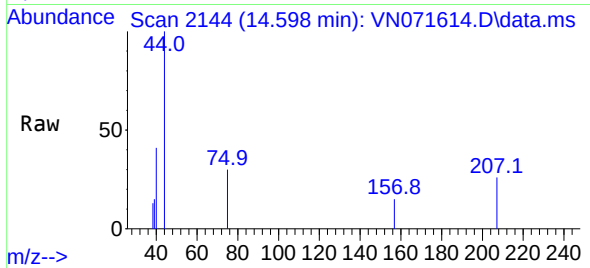




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.334 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

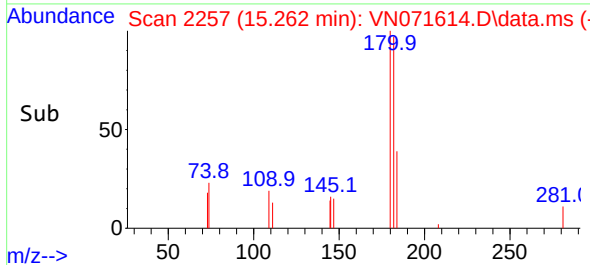
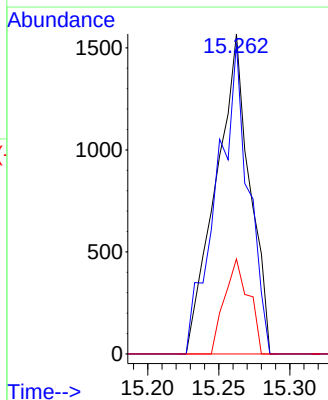
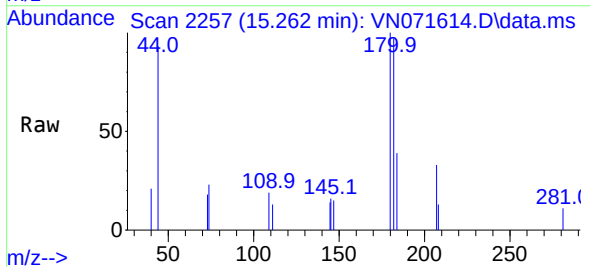
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

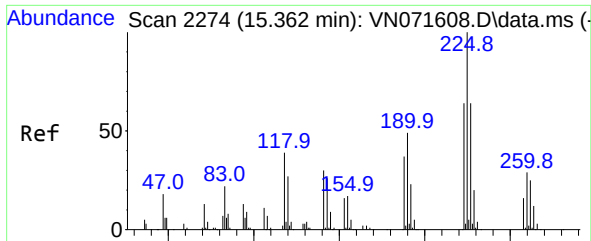
Tgt Ion: 75 Resp: 515
Ion Ratio Lower Upper
75 100
155 44.7 44.9 134.5#
157 84.7 59.0 176.8



#93
1,2,4-Trichlorobenzene
Concen: 0.553 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 180 Resp: 2591
Ion Ratio Lower Upper
180 100
182 91.7 47.5 142.5
145 21.3 14.5 43.5

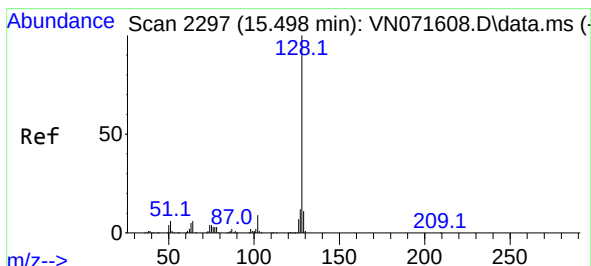
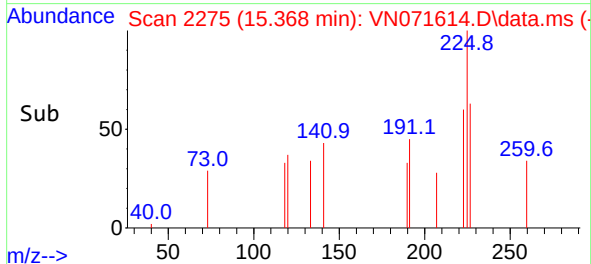
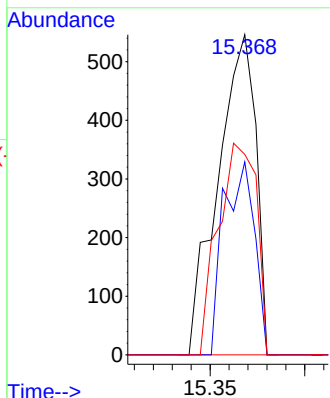
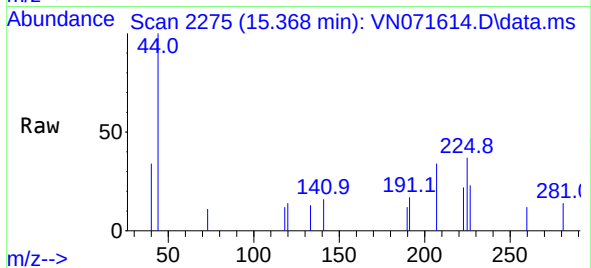




#94
Hexachlorobutadiene
Concen: 0.258 ug/l
RT: 15.368 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

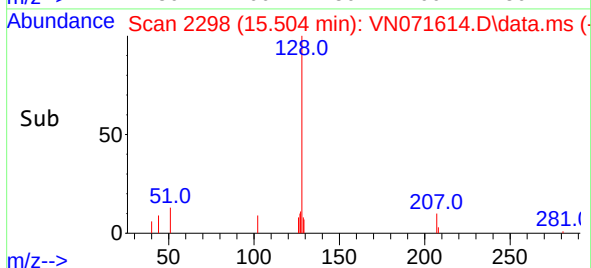
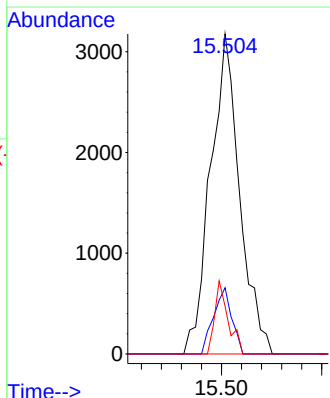
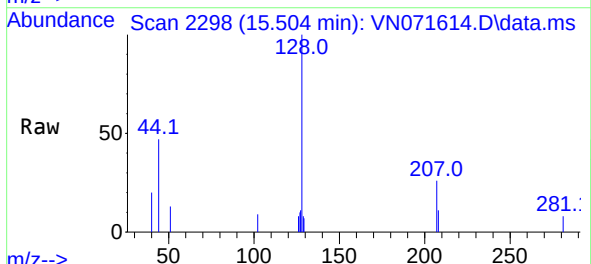
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

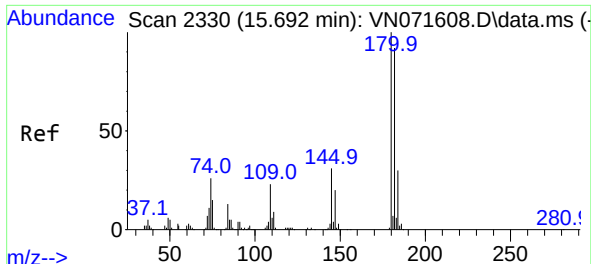
Tgt Ion:	225	Resp:	763
Ion	Ratio	Lower	Upper
225	100		
223	48.9	32.4	97.2
227	66.3	31.8	95.4



#95
Naphthalene
Concen: 0.502 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

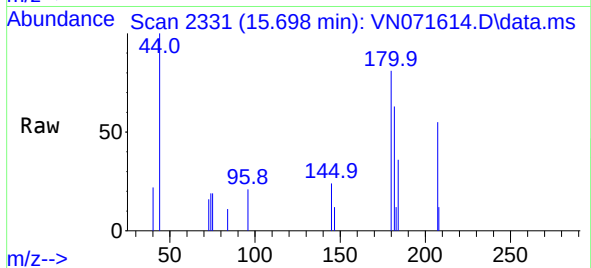
Tgt Ion:	128	Resp:	6414
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.5	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.536 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



Tgt Ion:	180	Resp:	2517
Ion	Ratio	Lower	Upper
180	100		
182	83.6	47.8	143.3
145	26.7	15.5	46.5

