

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092822\
 Data File : VN074647.D
 Acq On : 28 Sep 2022 14:49
 Operator : JC\MD
 Sample : N3980-09 2.5PPB MDL
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2022DL

Quant Time: Sep 28 15:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.492	128	99201	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	595657	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.616	117	507277	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	295094	31.549	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.167%	
60) 4-Bromofluorobenzene	12.604	95	251018	25.475	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 84.900%	
63) Toluene-d8	10.310	98	907905	31.730	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 105.767%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.005	85	15904	2.728	ug/l	81
3) Chloromethane	2.222	50	27909	3.260	ug/l	95
4) Vinyl Chloride	2.357	62	32773	2.990	ug/l	89
5) Bromomethane	2.752	94	30028	4.251	ug/l	87
6) Chloroethane	2.904	64	89343m	11.532	ug/l	
7) Trichlorofluoromethane	3.246	101	26378	2.591	ug/l	100
8) Diethyl Ether	3.681	74	11973	2.230	ug/l	57
9) 1,1,2-Trichlorotrifluo...	4.046	101	17306m	2.652	ug/l	
10) 1,1-Dichloroethene	4.028	96	17512m	2.602	ug/l	
11) Methyl Iodide	4.257	142	18143m	2.105	ug/l	
12) Methyl Acetate	4.663	43	42345m	2.939	ug/l	
13) Acrolein	3.893	56	21605m	18.424	ug/l	
14) Acrylonitrile	5.357	53	70029m	11.991	ug/l	
15) Acetone	4.134	58	23339m	15.216	ug/l	
16) Carbon Disulfide	4.357	76	47750	2.525	ug/l #	82
17) Allyl chloride	4.651	41	34498	2.514	ug/l	88
18) Methylene Chloride	4.910	84	23362m	2.723	ug/l	
19) trans-1,2-Dichloroethene	5.393	96	20411m	2.684	ug/l	
20) Diisopropyl ether	6.304	45	66710	2.222	ug/l #	88
21) 1,1-Dichloroethane	6.192	63	37092	2.447	ug/l #	88
22) cis-1,2-Dichloroethene	7.157	96	23791m	2.593	ug/l	
23) tert-Butyl Alcohol	5.169	59	34367m	14.292	ug/l	
24) Methyl tert-Butyl Ether	5.410	73	63266m	2.269	ug/l	
25) Chloroform	7.651	83	34300m	2.282	ug/l	
26) Cyclohexane	7.934	56	33254	2.440	ug/l #	94
29) 1,1-Dichloropropene	8.069	75	25450	2.287	ug/l	88
30) 2-Butanone	7.163	43	106224	12.514	ug/l #	96
31) 2,2-Dichloropropane	7.157	77	30801	2.319	ug/l #	67
32) 1,1,1-Trichloroethane	7.851	97	27082	2.061	ug/l #	80
33) Carbon Tetrachloride	8.051	117	21747	1.978	ug/l	94
34) Benzene	8.304	78	81277	2.207	ug/l #	18
35) Methacrylonitrile	7.469	41	20833m	2.580	ug/l	
36) 1,2-Dichloroethane	8.375	62	25865	2.151	ug/l #	86
37) Trichloroethene	9.086	130	16254	2.078	ug/l #	72
38) Methylcyclohexane	9.322	83	31721	2.203	ug/l	94
39) 1,2-Dichloropropane	9.357	63	22962	2.355	ug/l	93
40) Dibromomethane	9.439	93	14697	2.336	ug/l	96
41) Bromodichloromethane	9.622	83	24926	1.993	ug/l #	99
42) Vinyl Acetate	6.240	43	317352m	11.502	ug/l	

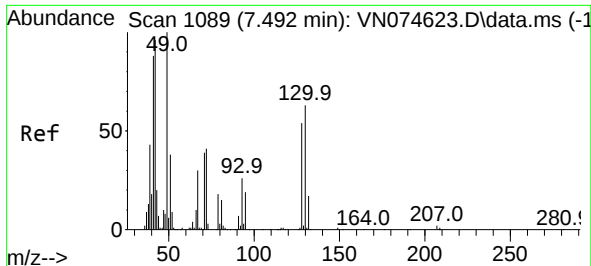
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092822\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.163	43	153385m	9.330	ug/l	
44) Isopropyl Acetate	8.410	43	62082	2.325	ug/l	92
45) 1,4-Dioxane	9.433	88	10388	45.598	ug/l #	86
46) Methyl methacrylate	9.428	41	25959	2.335	ug/l	78
47) n-amyl Acetate	12.269	43	44703	1.830	ug/l	94
48) t-1,3-Dichloropropene	10.598	75	31402	2.068	ug/l	93
49) cis-1,3-Dichloropropene	10.057	75	32859	2.080	ug/l #	89
50) 1,1,2-Trichloroethane	10.769	97	20337	2.223	ug/l #	84
51) Ethyl methacrylate	10.633	69	32100	1.871	ug/l	92
52) 1,3-Dichloropropane	10.916	76	33291	2.053	ug/l	99
53) Dibromochloromethane	11.110	129	18660	1.930	ug/l	92
54) 1,2-Dibromoethane	11.216	107	19291	2.038	ug/l	96
55) 2-Chloroethyl vinyl ether	9.916	63	74089	11.130	ug/l	98
56) Bromoform	12.327	173	11816	1.564	ug/l #	38
58) 4-Methyl-2-Pentanone	10.204	43	192994	12.259	ug/l	98
59) 2-Hexanone	10.957	43	150759	12.364	ug/l	96
61) Tetrachloroethene	10.851	164	13732	2.427	ug/l #	73
62) Toluene	10.375	91	80313	2.162	ug/l	99
64) Chlorobenzene	11.639	112	46842	2.201	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.716	131	16125	2.016	ug/l	92
66) Ethyl Benzene	11.722	91	82523	2.092	ug/l	91
67) m/p-Xylenes	11.833	106	58298	3.681	ug/l	96
68) o-Xylene	12.151	106	32804	2.034	ug/l	91
69) Styrene	12.169	104	50261	1.853	ug/l	95
70) Isopropylbenzene	12.457	105	77965	1.895	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.710	83	32079	2.197	ug/l	95
72) 1,2,3-Trichloropropane	12.757	75	22640m	2.048	ug/l	
73) Bromobenzene	12.739	156	17451	2.111	ug/l	85
74) n-propylbenzene	12.798	91	82211	1.774	ug/l	96
75) 2-Chlorotoluene	12.880	91	49108	1.746	ug/l	96
76) 1,3,5-Trimethylbenzene	12.933	105	60178	1.735	ug/l	99
77) t-1,4-Dichloro-2-butene	12.504	75	12158	2.123	ug/l	74
78) 4-Chlorotoluene	12.980	91	46740	1.659	ug/l	99
79) tert-butylbenzene	13.192	119	58669	1.933	ug/l	92
80) 1,2,4-Trimethylbenzene	13.239	105	59651	1.741	ug/l	93
81) sec-Butylbenzene	13.380	105	74936	1.744	ug/l	100
82) p-Isopropyltoluene	13.492	119	57591	1.630	ug/l	97
83) 1,3-Dichlorobenzene	13.486	146	25422	1.497	ug/l	89
84) 1,4-Dichlorobenzene	13.569	146	27164	1.608	ug/l	93
85) n-Butylbenzene	13.821	91	50172	1.664	ug/l	92
86) Hexachloroethane	14.080	117	13229	1.943	ug/l	99
87) 1,2-Dichlorobenzene	13.857	146	28751	1.655	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.474	75	6741	2.204	ug/l #	79
89) 1,2,4-Trichlorobenzene	15.139	180	13404	1.849	ug/l	97
90) Hexachlorobutadiene	15.233	225	6930	2.170	ug/l	83
91) Naphthalene	15.363	128	50698	1.667	ug/l	98
92) 1,2,3-Trichlorobenzene	15.557	180	12596	1.733	ug/l	90

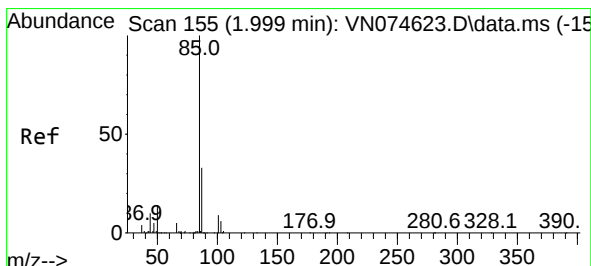
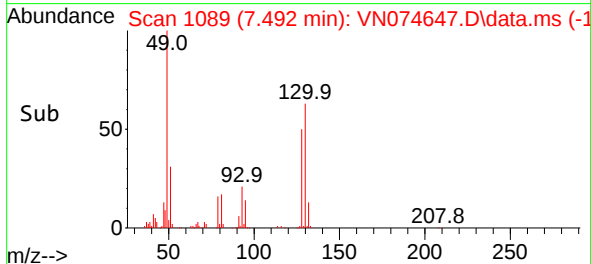
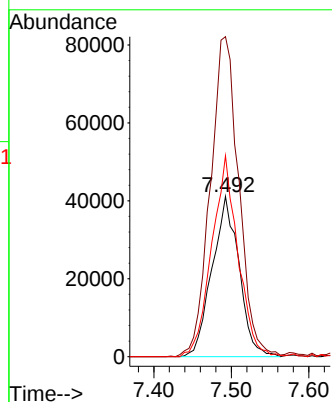
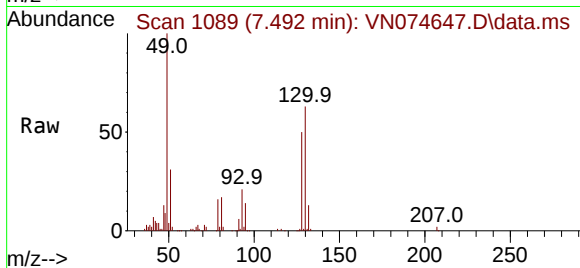
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

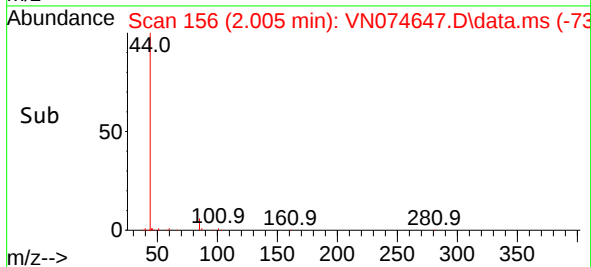
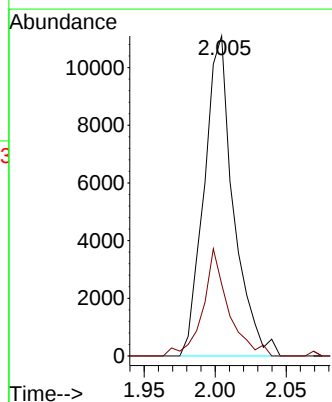
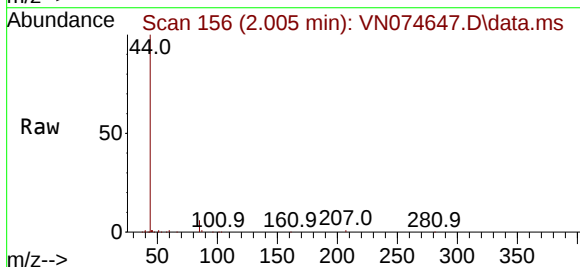
Instrument :
MSVOA_N
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MDL-WATER-03-QT3-2022DL

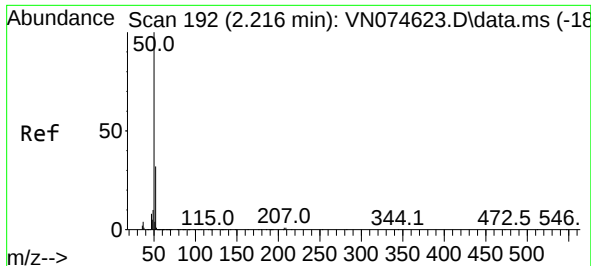
Tgt Ion	Ratio	Lower	Upper
128	100		
49	211.2	0.0	492.0
130	122.6	0.0	313.3



#2
Dichlorodifluoromethane
Concen: 2.728 ug/l
RT: 2.005 min Scan# 156
Delta R.T. 0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion	Ratio	Lower	Upper
85	100		
87	22.5	16.7	50.1

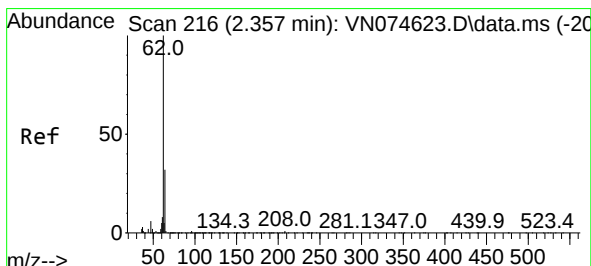
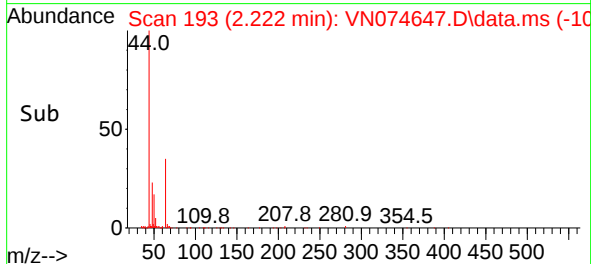
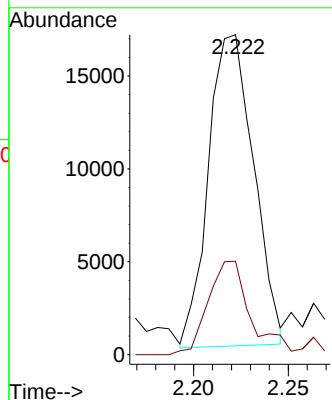
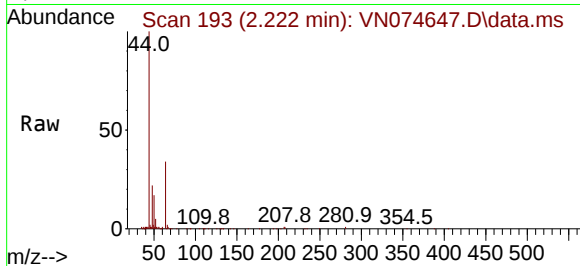




#3
Chloromethane
Concen: 3.260 ug/l
RT: 2.222 min Scan# 193
Delta R.T. 0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

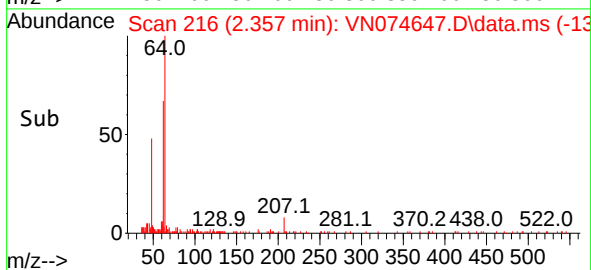
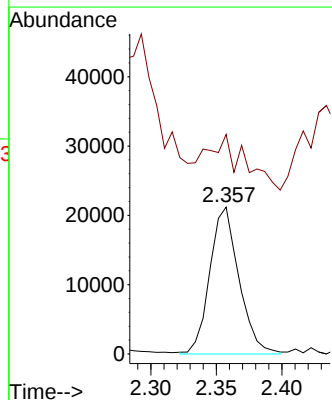
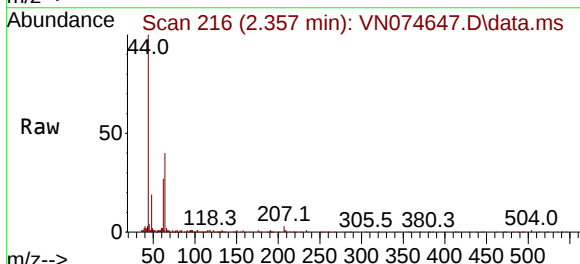
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022DL

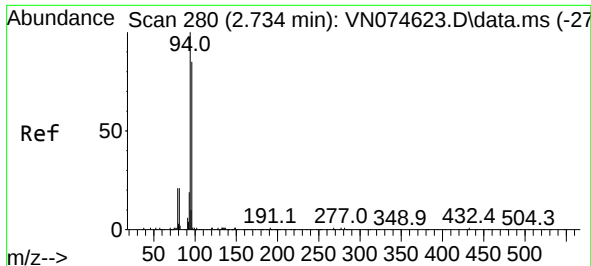
Tgt Ion: 50 Resp: 27909
Ion Ratio Lower Upper
50 100
52 28.9 25.5 38.3



#4
Vinyl Chloride
Concen: 2.990 ug/l
RT: 2.357 min Scan# 216
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 62 Resp: 32773
Ion Ratio Lower Upper
62 100
64 38.3 25.6 38.4

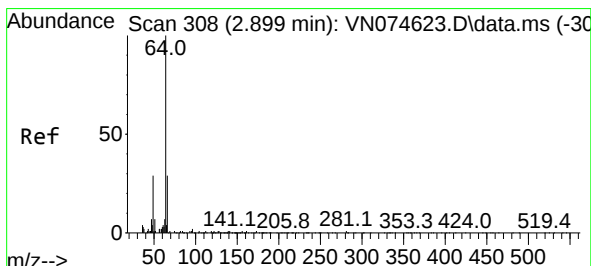
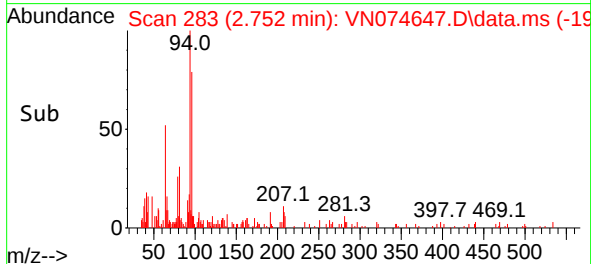
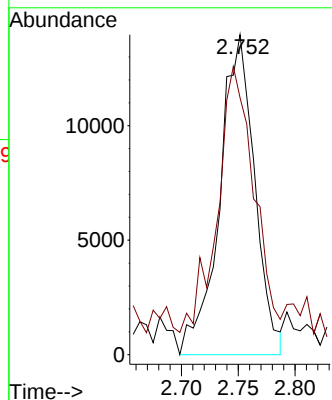
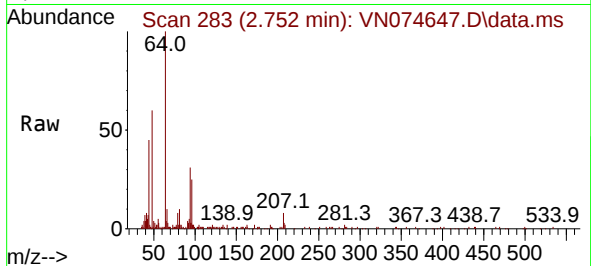




#5
Bromomethane
Concen: 4.251 ug/l
RT: 2.752 min Scan# 21
Delta R.T. 0.018 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

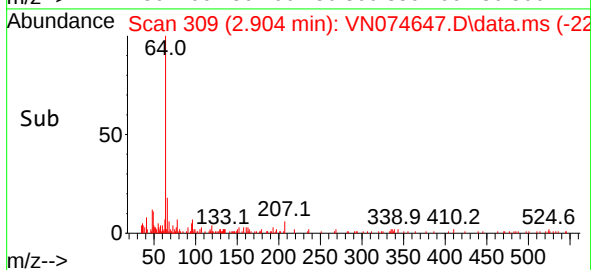
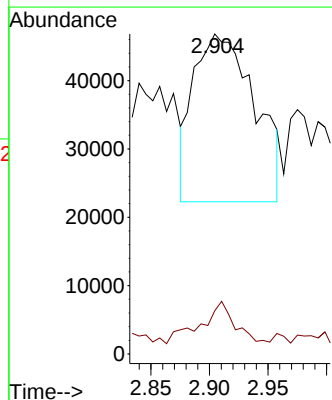
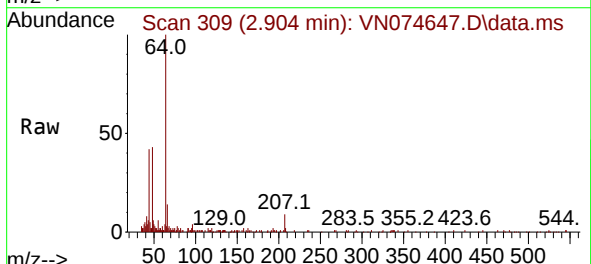
Instrument :
MSVOA_N
ClientSampleId :
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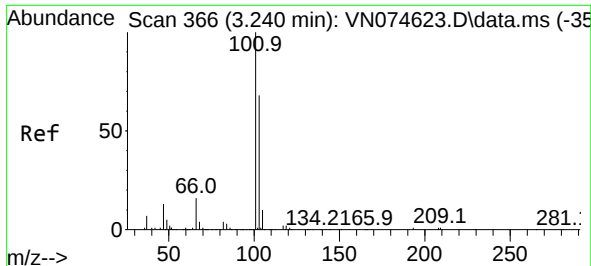
Tgt Ion: 94 Resp: 30028
Ion Ratio Lower Upper
94 100
96 73.4 68.3 102.5



#6
Chloroethane
Concen: 11.532 ug/l m
RT: 2.904 min Scan# 309
Delta R.T. 0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 64 Resp: 89343
Ion Ratio Lower Upper
64 100
66 13.5 21.8 32.8#

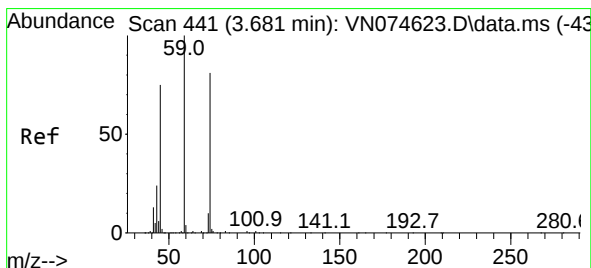
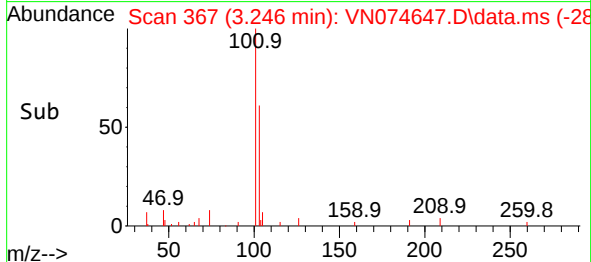
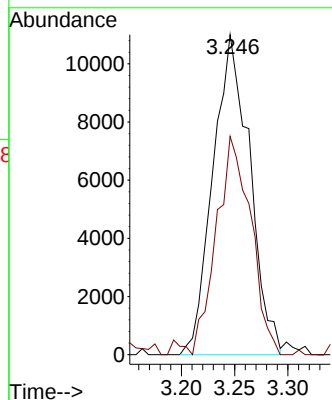
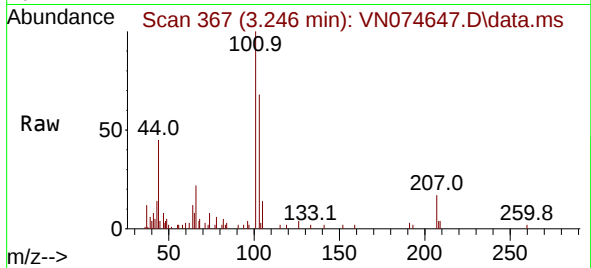




#7
 Trichlorofluoromethane
 Concen: 2.591 ug/l
 RT: 3.246 min Scan# 367
 Delta R.T. 0.006 min
 Lab File: VN074647.D
 Acq: 28 Sep 2022 14:49

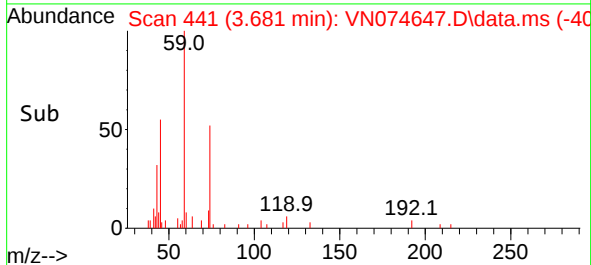
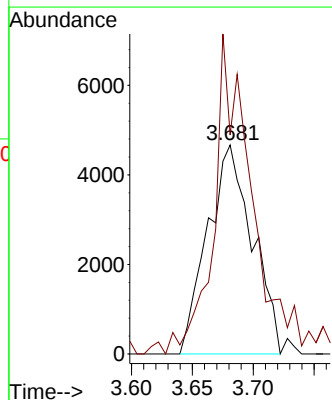
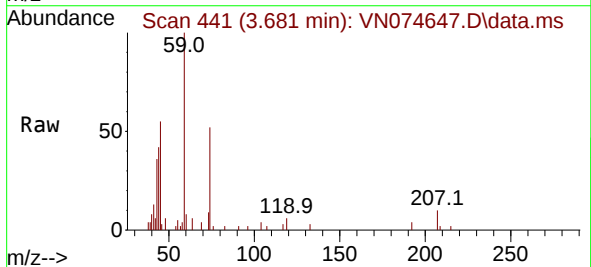
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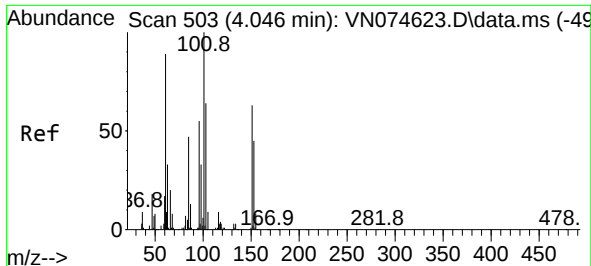
Tgt Ion:101 Resp: 26378
 Ion Ratio Lower Upper
 101 100
 103 68.2 54.8 82.2



#8
 Diethyl Ether
 Concen: 2.230 ug/l
 RT: 3.681 min Scan# 441
 Delta R.T. 0.000 min
 Lab File: VN074647.D
 Acq: 28 Sep 2022 14:49

Tgt Ion: 74 Resp: 11973
 Ion Ratio Lower Upper
 74 100
 45 52.8 19.0 171.0

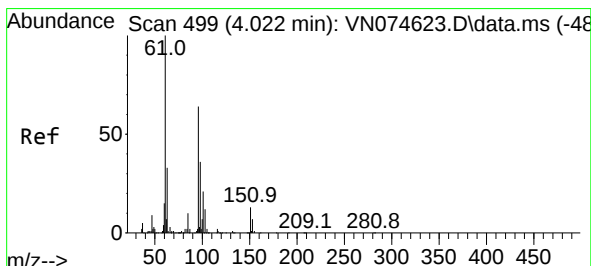
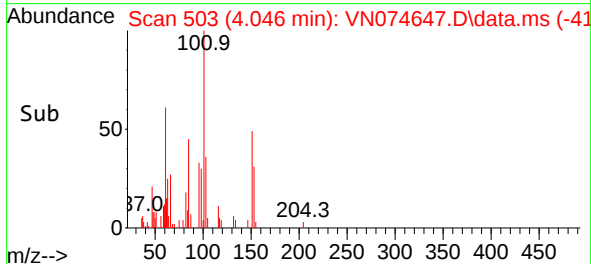
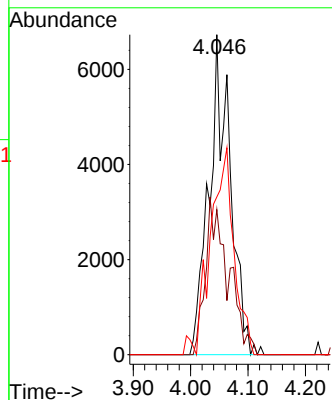
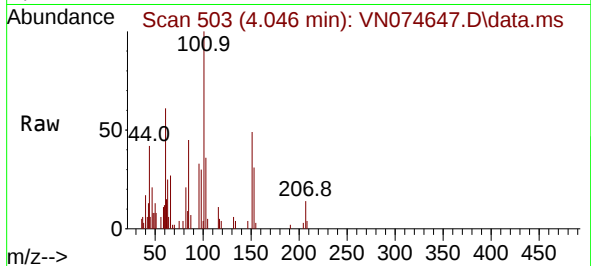




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.652 ug/l m
 RT: 4.046 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VN074647.D
 Acq: 28 Sep 2022 14:49

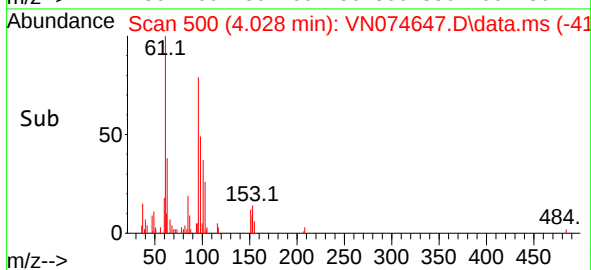
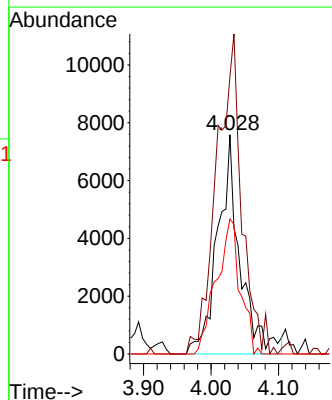
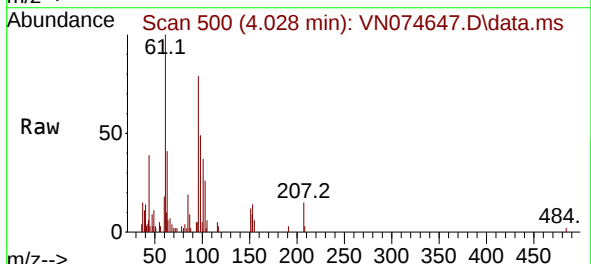
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 ClientSampleId :
 MDL-WATER-03-QT3-2022DL

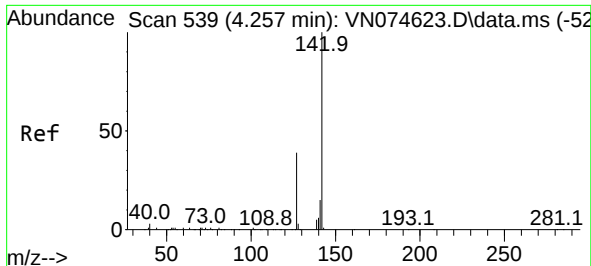
Tgt Ion: 101 Resp: 17306
 Ion Ratio Lower Upper
 101 100
 85 20.5 0.0 94.6
 151 8.7 0.0 144.8



#10
 1,1-Dichloroethene
 Concen: 2.602 ug/l m
 RT: 4.028 min Scan# 500
 Delta R.T. 0.006 min
 Lab File: VN074647.D
 Acq: 28 Sep 2022 14:49

Tgt Ion: 96 Resp: 17512
 Ion Ratio Lower Upper
 96 100
 61 126.6 125.5 188.3
 98 61.6 45.0 67.4

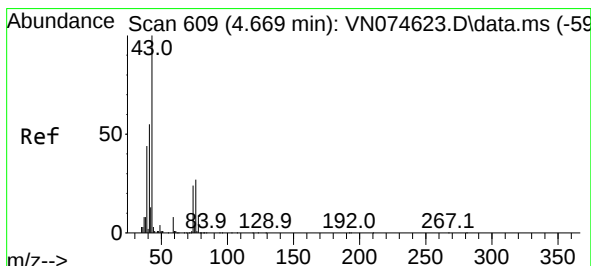
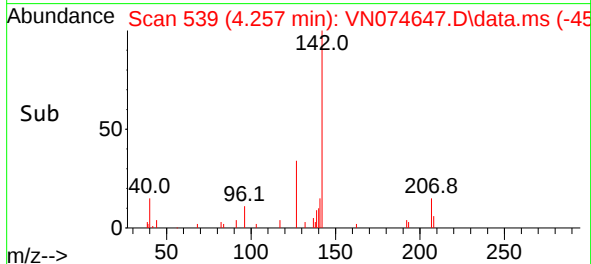
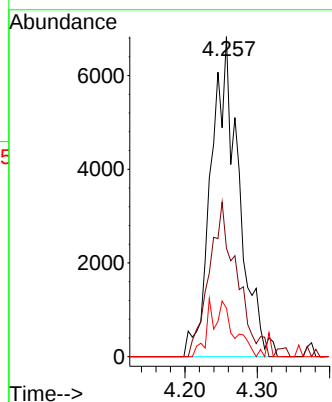
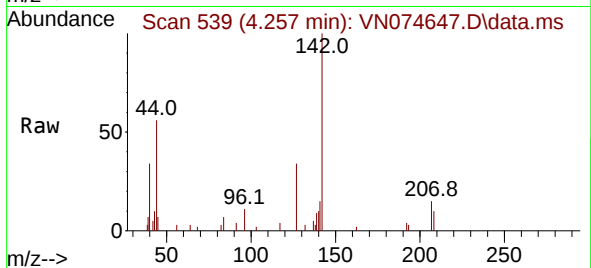




#11
Methyl Iodide
Concen: 2.105 ug/l m
RT: 4.257 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

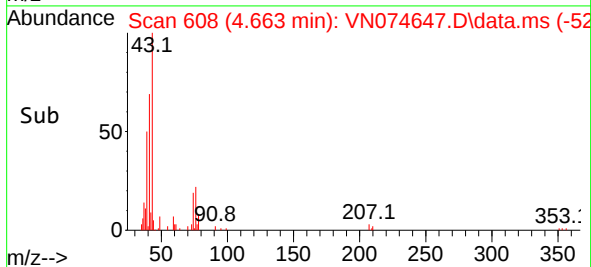
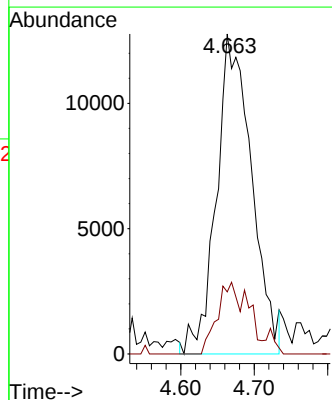
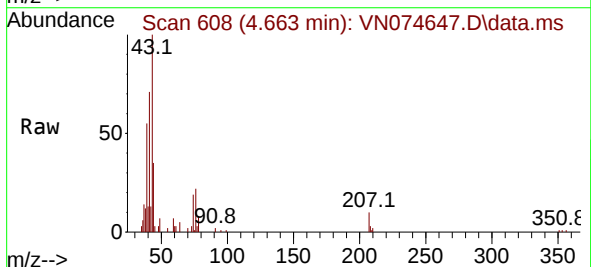
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

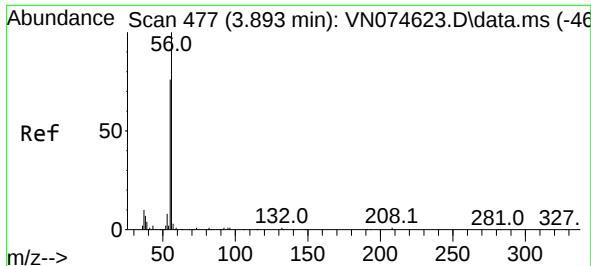
Tgt Ion:142 Resp: 18143
Ion Ratio Lower Upper
142 100
127 33.9 19.3 57.8
141 15.2 7.7 23.1



#12
Methyl Acetate
Concen: 2.939 ug/l m
RT: 4.663 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 43 Resp: 42345
Ion Ratio Lower Upper
43 100
74 19.4 19.0 28.6

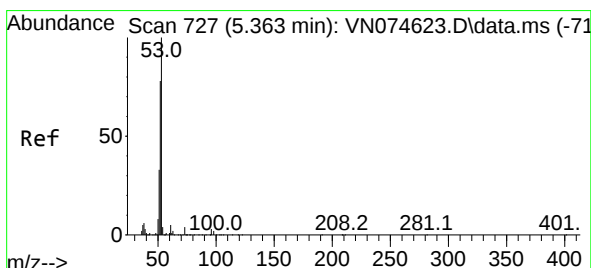
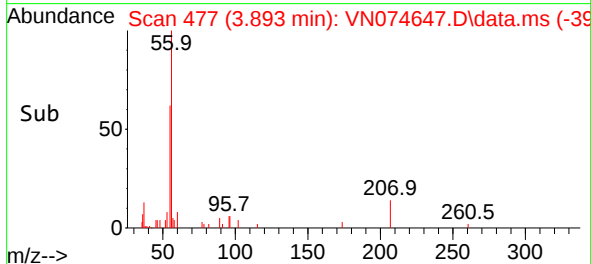
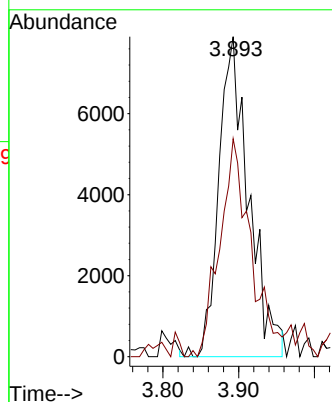
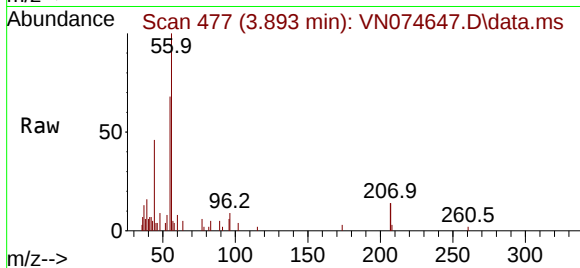




#13
Acrolein
Concen: 18.424 ug/l m
RT: 3.893 min Scan# 477
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

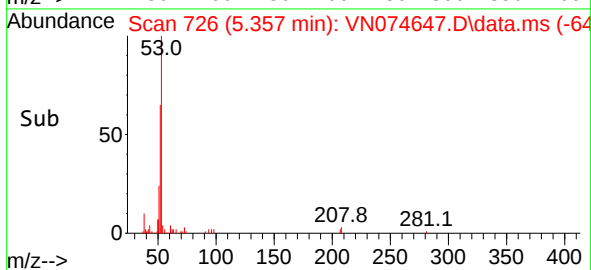
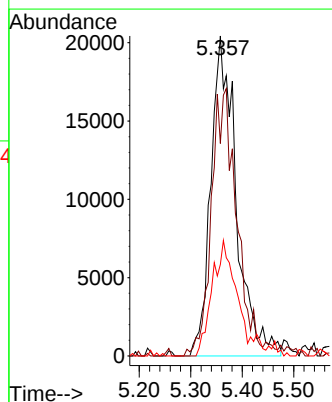
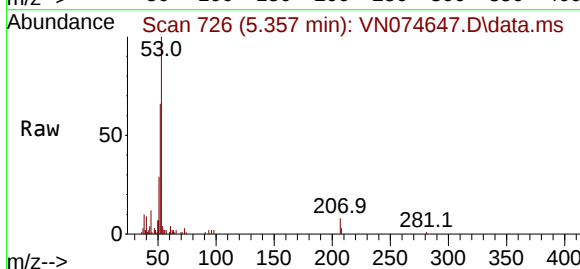
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

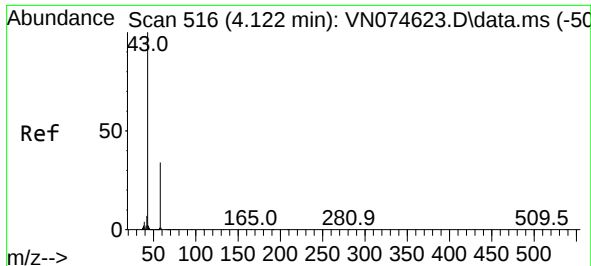
Tgt Ion: 56 Resp: 21605
Ion Ratio Lower Upper
56 100
55 0.2 56.2 84.2#



#14
Acrylonitrile
Concen: 11.991 ug/l m
RT: 5.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 53 Resp: 70029
Ion Ratio Lower Upper
53 100
52 44.9 40.8 122.4
51 22.4 17.0 51.0

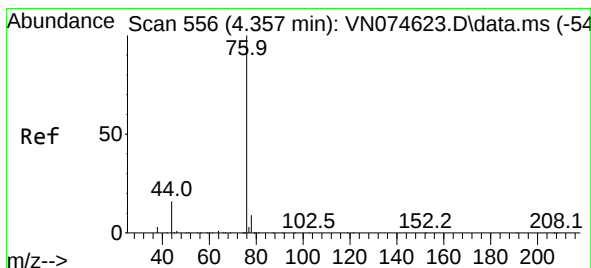
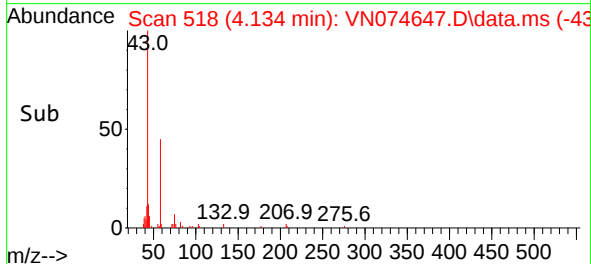
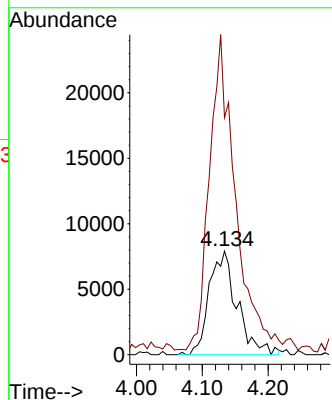
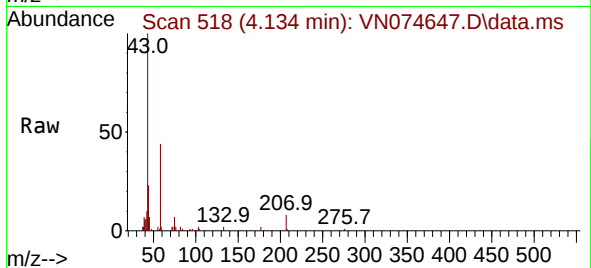




#15
Acetone
Concen: 15.216 ug/l m
RT: 4.134 min Scan# 516
Delta R.T. 0.012 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

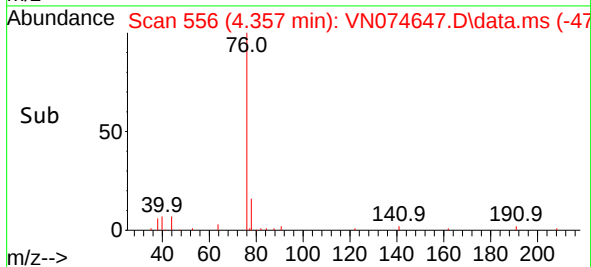
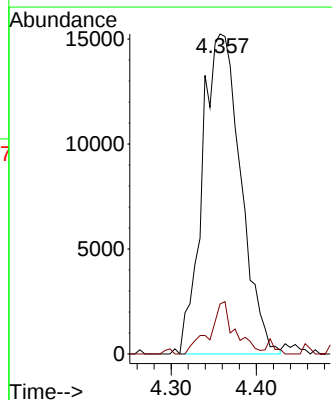
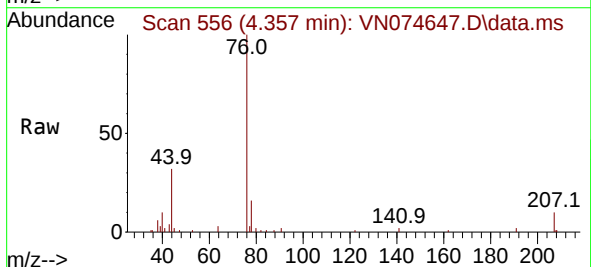
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

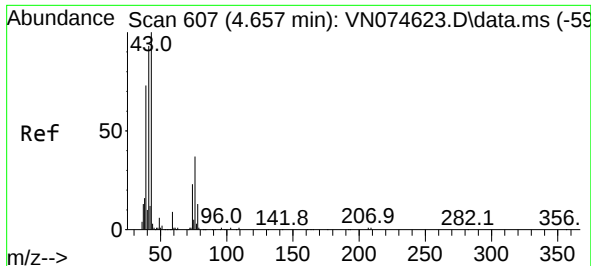
Tgt Ion: 58 Resp: 23339
Ion Ratio Lower Upper
58 100
43 228.9 232.2 348.4#



#16
Carbon Disulfide
Concen: 2.525 ug/l
RT: 4.357 min Scan# 556
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 76 Resp: 47750
Ion Ratio Lower Upper
76 100
78 15.6 7.2 10.8#

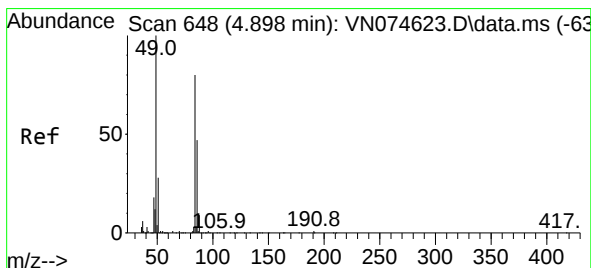
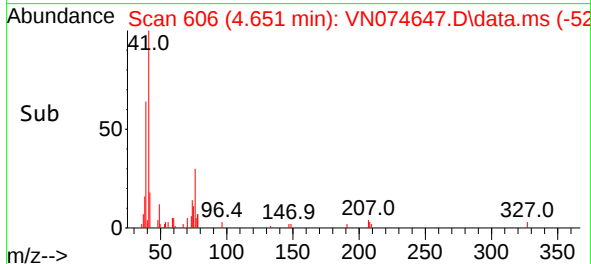
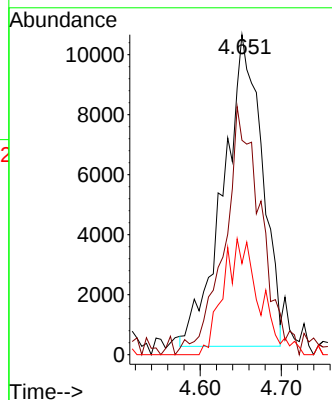
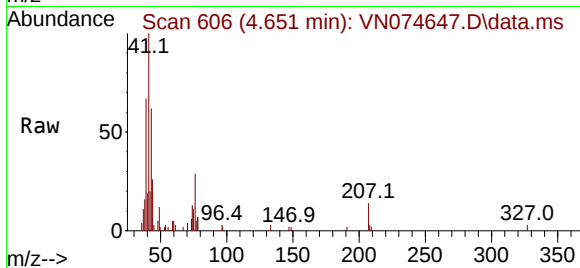




#17
 Allyl chloride
 Concen: 2.514 ug/l
 RT: 4.651 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: VN074647.D
 Acq: 28 Sep 2022 14:49

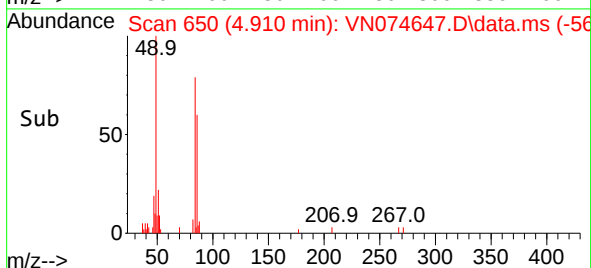
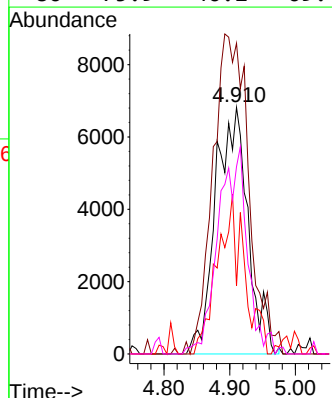
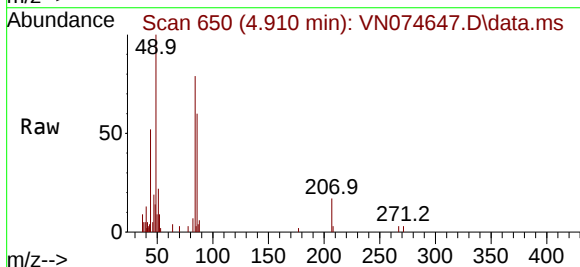
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2022DL

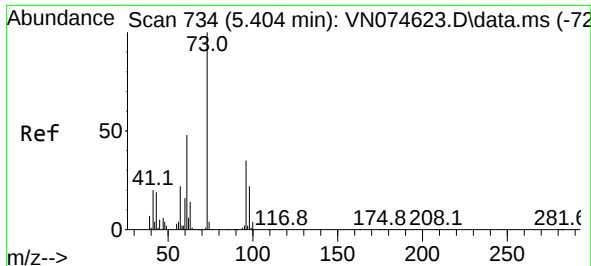
Tgt Ion: 41 Resp: 34498
 Ion Ratio Lower Upper
 41 100
 39 68.9 39.1 117.5
 76 30.2 19.8 59.4



#18
 Methylene Chloride
 Concen: 2.723 ug/l m
 RT: 4.910 min Scan# 650
 Delta R.T. 0.012 min
 Lab File: VN074647.D
 Acq: 28 Sep 2022 14:49

Tgt Ion: 84 Resp: 23362
 Ion Ratio Lower Upper
 84 100
 49 126.0 99.6 149.4
 51 27.6 28.2 42.2#
 86 75.9 46.2 69.4#

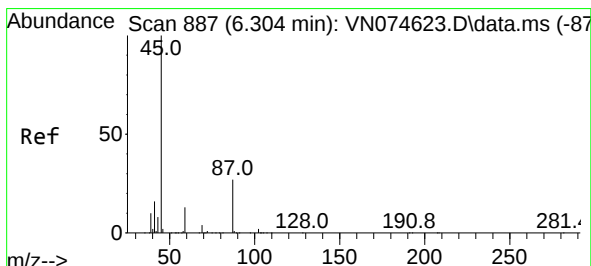
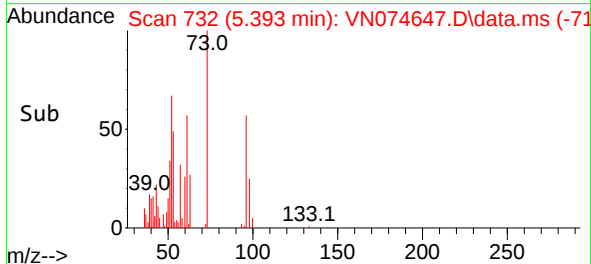
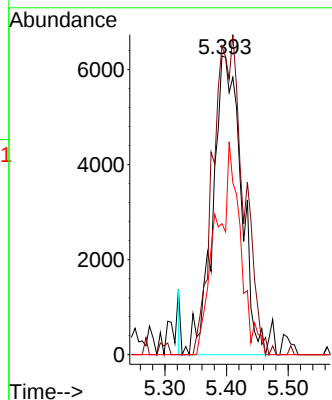
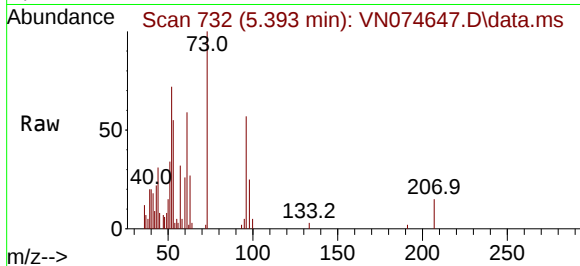




#19
trans-1,2-Dichloroethene
Concen: 2.684 ug/l m
RT: 5.393 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

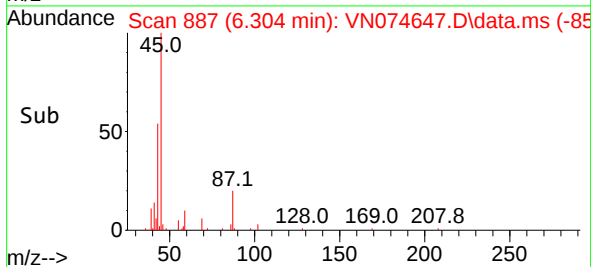
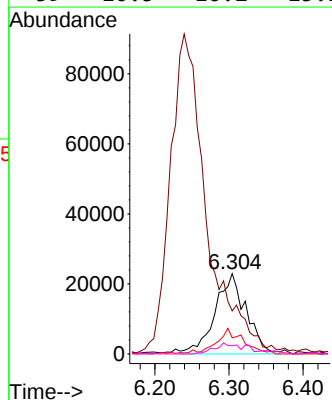
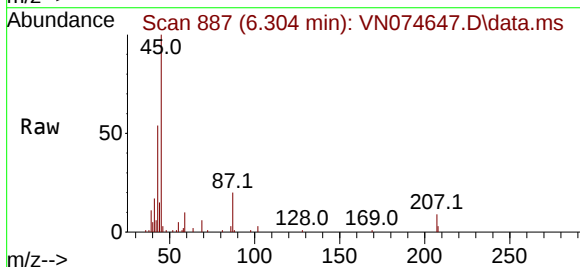
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

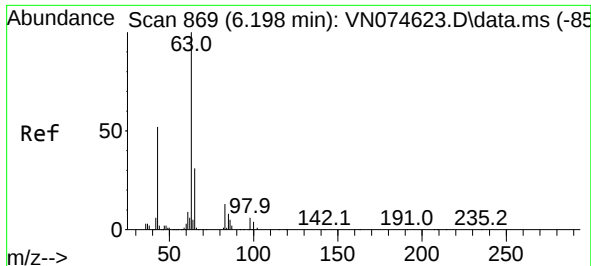
Tgt Ion: 96 Resp: 20411
Ion Ratio Lower Upper
96 100
61 103.3 110.2 165.4#
98 43.8 50.0 75.0#



#20
Diisopropyl ether
Concen: 2.222 ug/l
RT: 6.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 45 Resp: 66710
Ion Ratio Lower Upper
45 100
43 49.3 47.3 70.9
87 20.6 21.8 32.8#
59 10.5 10.2 15.2

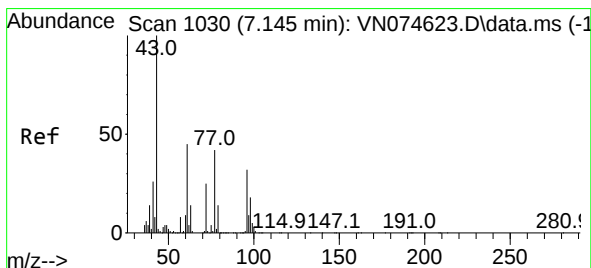
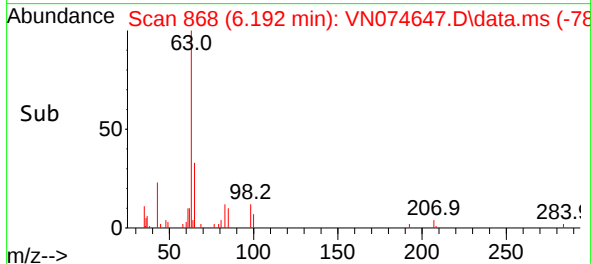
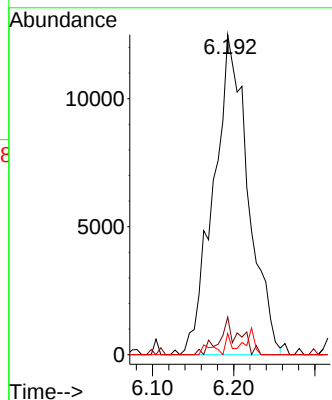
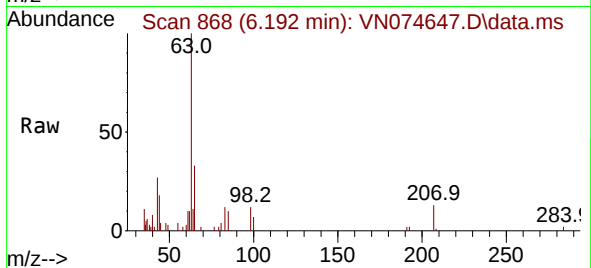




#21
1,1-Dichloroethane
Concen: 2.447 ug/l
RT: 6.192 min Scan# 80
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

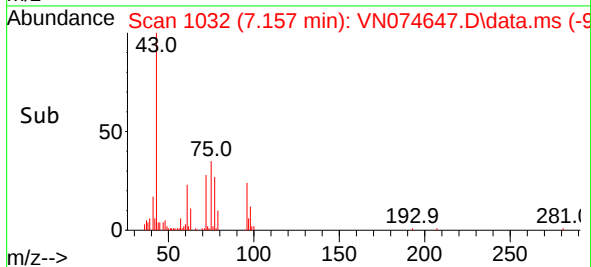
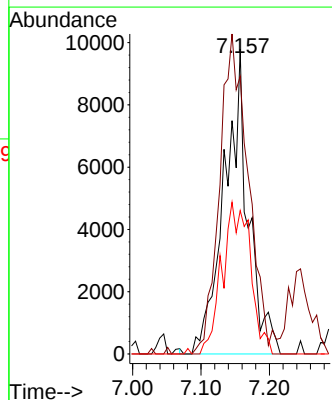
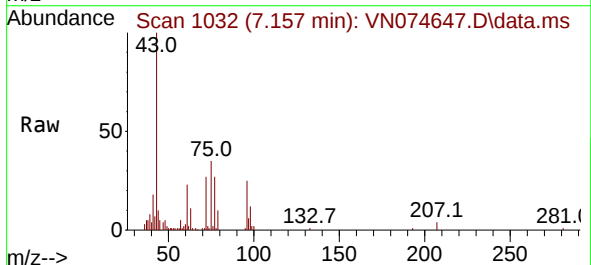
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

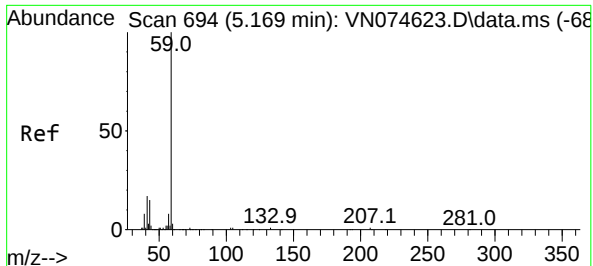
Tgt Ion: 63 Resp: 37092
Ion Ratio Lower Upper
63 100
98 11.7 3.3 9.9#
100 6.6 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 2.593 ug/l m
RT: 7.157 min Scan# 1032
Delta R.T. 0.012 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 96 Resp: 23791
Ion Ratio Lower Upper
96 100
61 124.3 118.8 178.2
98 31.5 52.1 78.1#

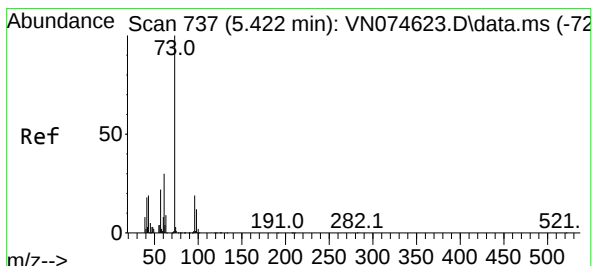
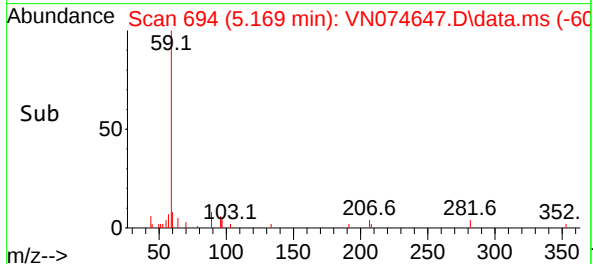
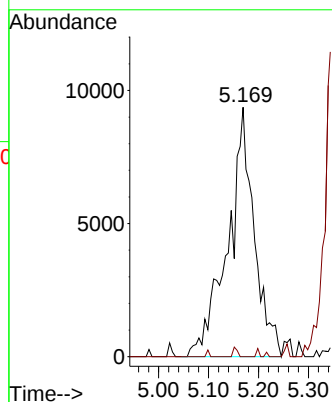
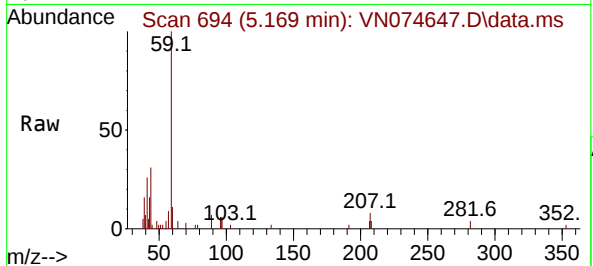




#23
tert-Butyl Alcohol
Concen: 14.292 ug/l m
RT: 5.169 min Scan# 694
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

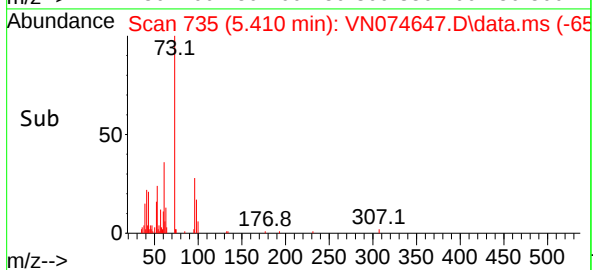
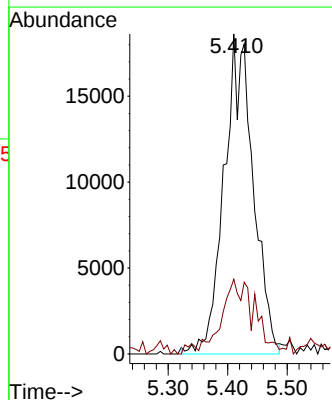
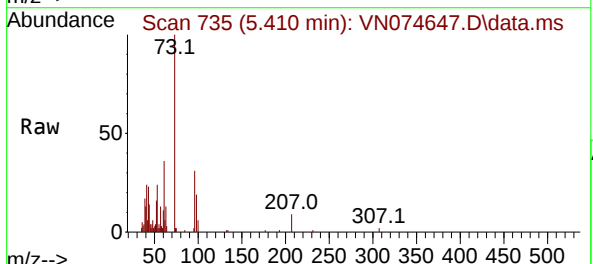
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

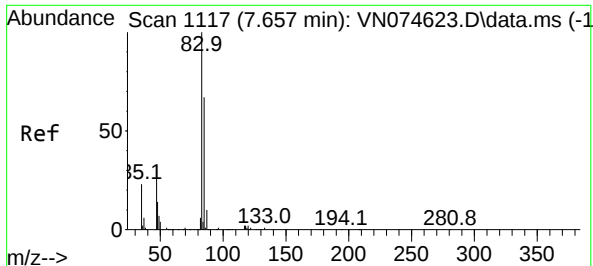
Tgt Ion: 59 Resp: 34367
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 2.269 ug/l m
RT: 5.410 min Scan# 735
Delta R.T. -0.012 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 73 Resp: 63266
Ion Ratio Lower Upper
73 100
43 5.0 15.6 23.4#





#25

Chloroform

Concen: 2.282 ug/l m

RT: 7.651 min Scan# 1116

Delta R.T. -0.006 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

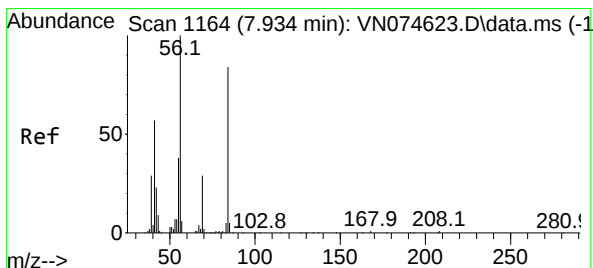
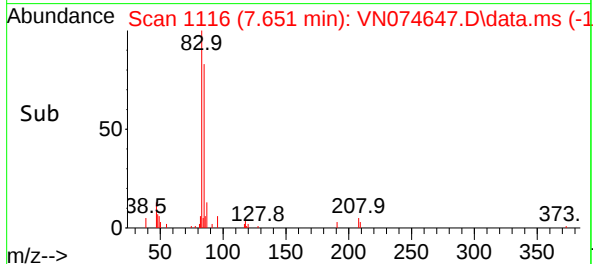
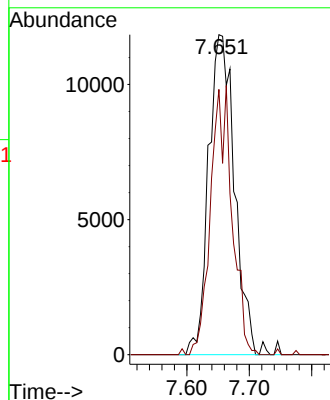
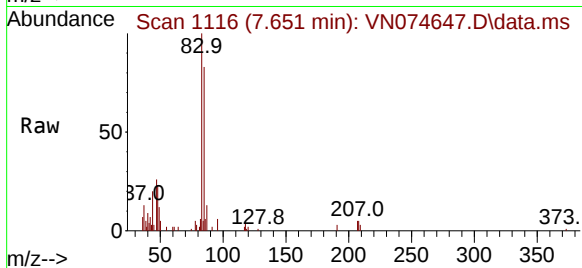
MDL-WATER-03-QT3-2022DL

Tgt Ion: 83 Resp: 34300

Ion Ratio Lower Upper

83 100

85 82.9 53.6 80.4#



#26

Cyclohexane

Concen: 2.440 ug/l

RT: 7.934 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

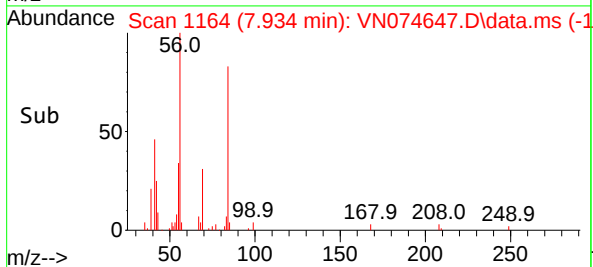
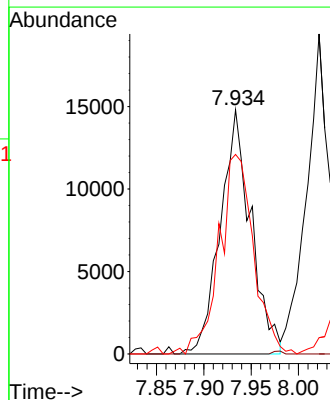
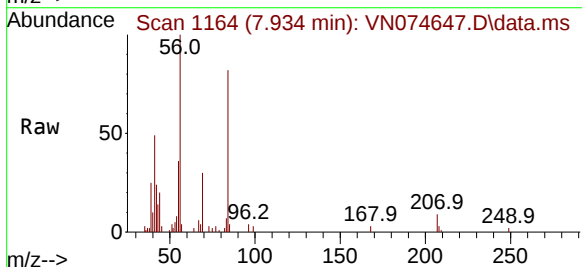
Tgt Ion: 56 Resp: 33254

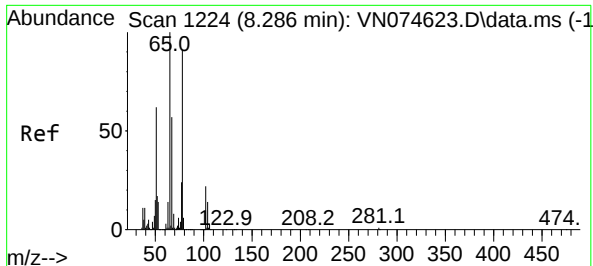
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.0 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 31.549 ug/l

RT: 8.286 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

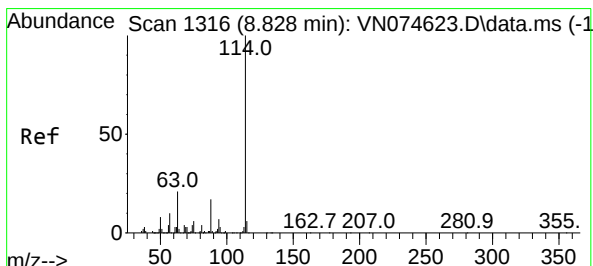
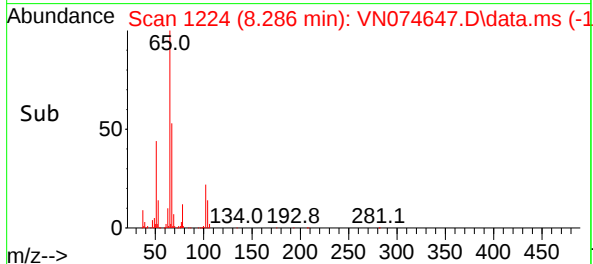
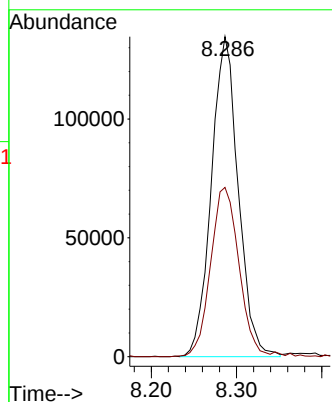
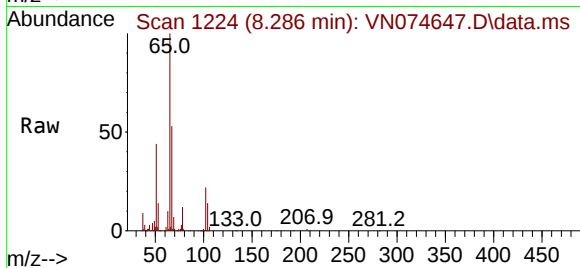
MDL-WATER-03-QT3-2022DL

Tgt Ion: 65 Resp: 295094

Ion Ratio Lower Upper

65 100

67 55.5 45.2 67.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

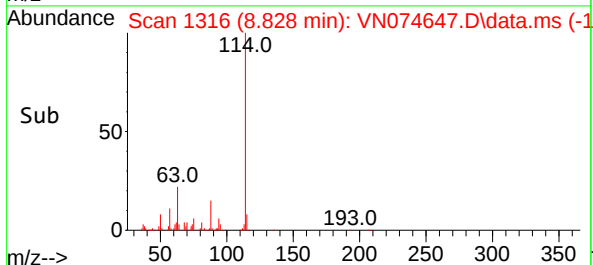
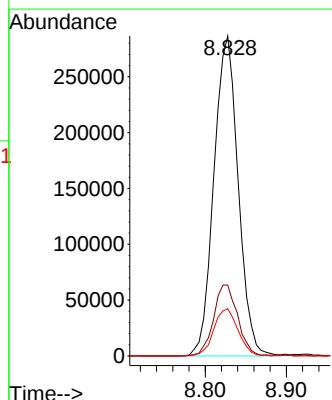
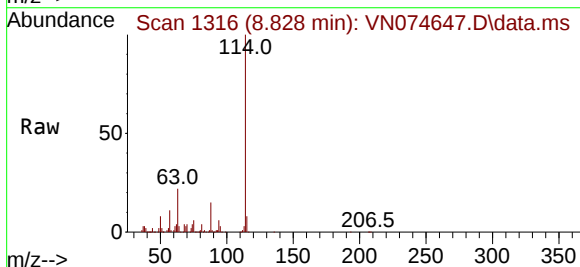
Tgt Ion: 114 Resp: 595657

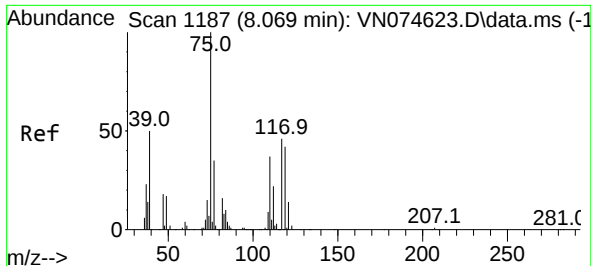
Ion Ratio Lower Upper

114 100

63 21.9 16.6 25.0

88 14.7 12.2 18.4

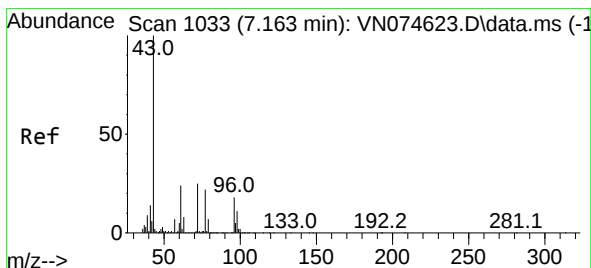
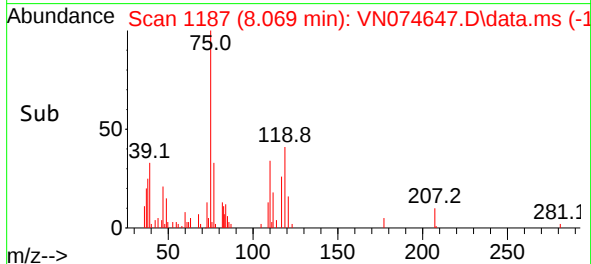
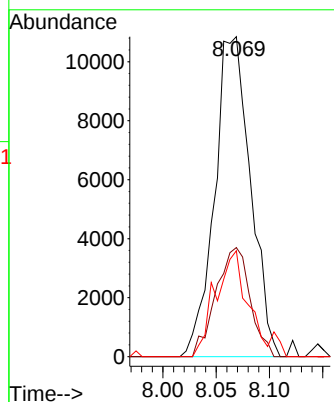
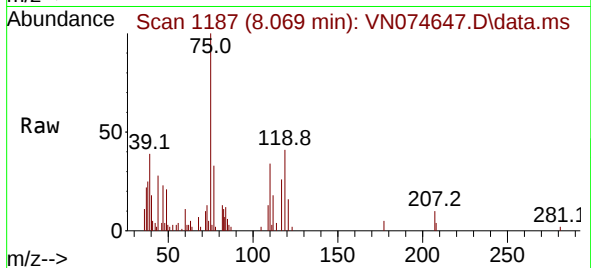




#29
1,1-Dichloropropene
Concen: 2.287 ug/l
RT: 8.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

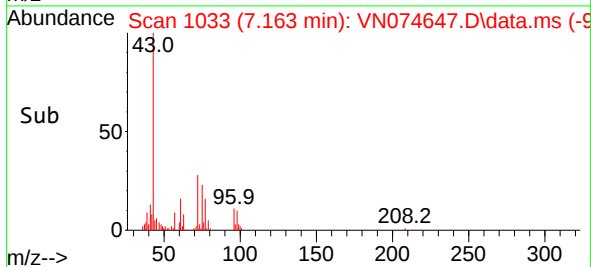
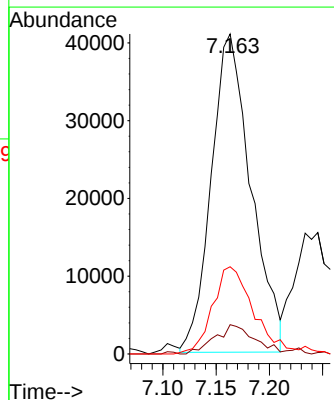
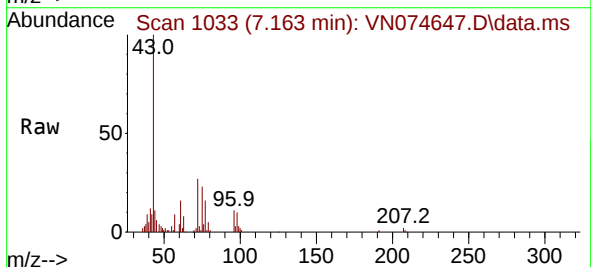
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

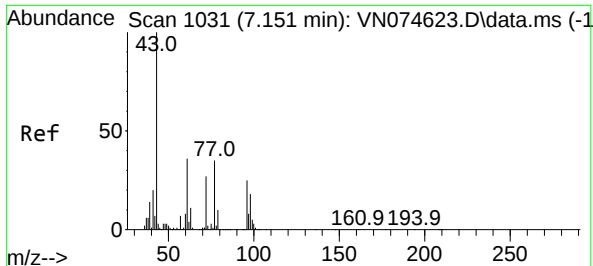
Tgt Ion:	75	Resp:	25450
Ion Ratio	Lower	Upper	
75	100		
110	32.3	0.0	72.2
77	21.8	0.0	64.0



#30
2-Butanone
Concen: 12.514 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion:	43	Resp:	106224
Ion Ratio	Lower	Upper	
43	100		
57	6.1	6.3	9.5
72	28.0	21.0	31.4





#31

2,2-Dichloropropane

Concen: 2.319 ug/l

RT: 7.157 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

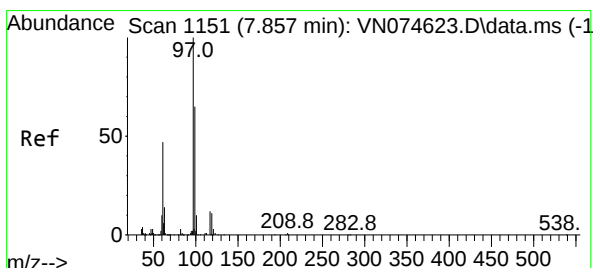
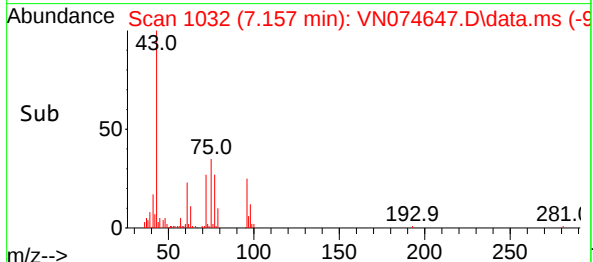
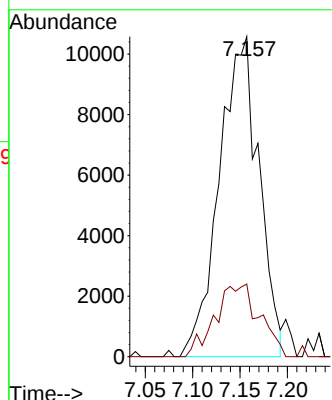
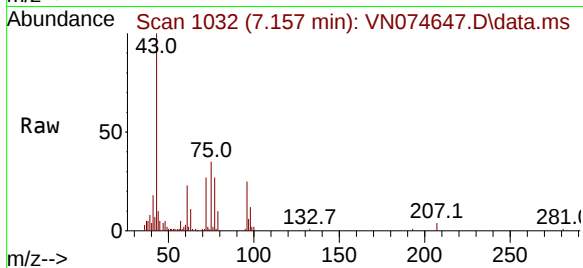
MDL-WATER-03-QT3-2022DL

Tgt Ion: 77 Resp: 30801

Ion Ratio Lower Upper

77 100

97 6.8 18.4 27.6#



#32

1,1,1-Trichloroethane

Concen: 2.061 ug/l

RT: 7.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

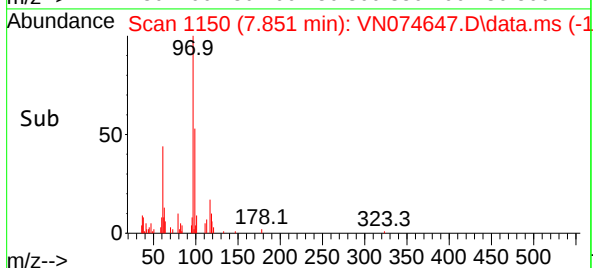
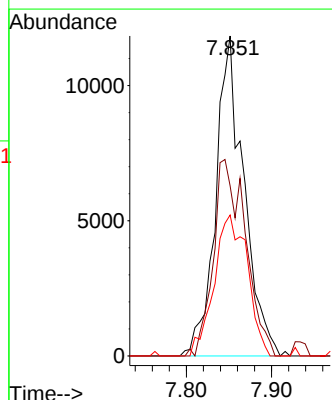
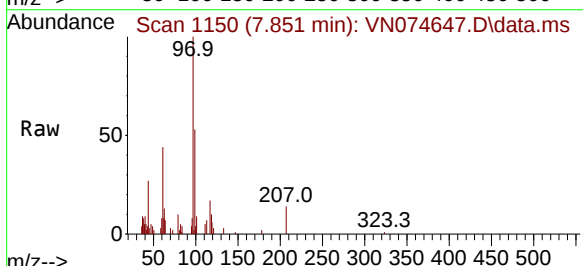
Tgt Ion: 97 Resp: 27082

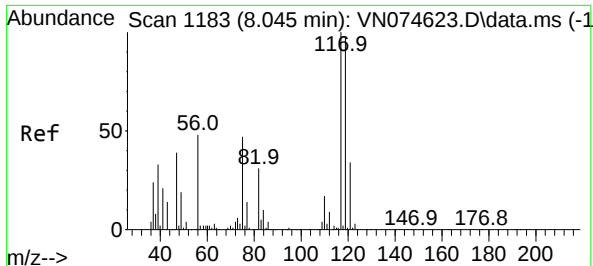
Ion Ratio Lower Upper

97 100

99 45.3 50.0 75.0#

61 33.9 36.1 54.1#

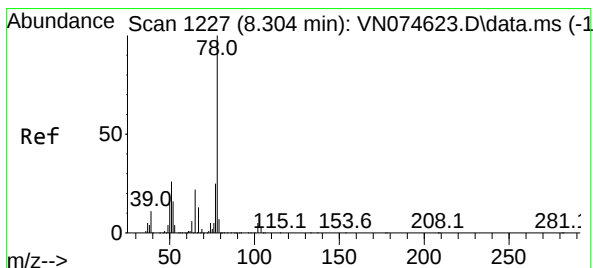
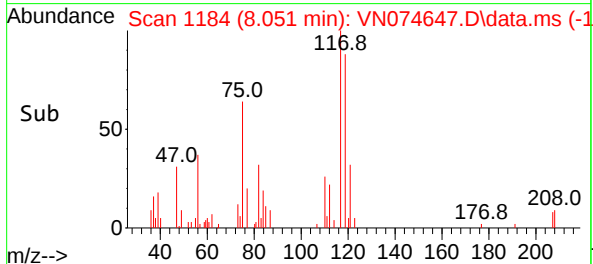
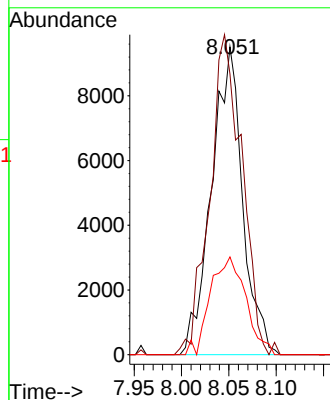
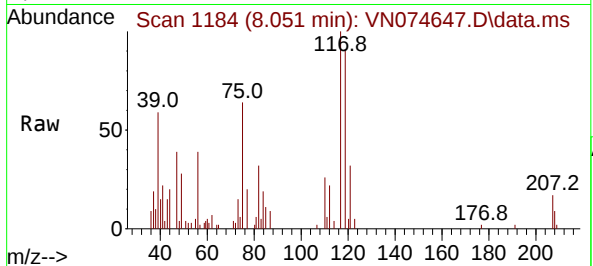




#33
Carbon Tetrachloride
Concen: 1.978 ug/l
RT: 8.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

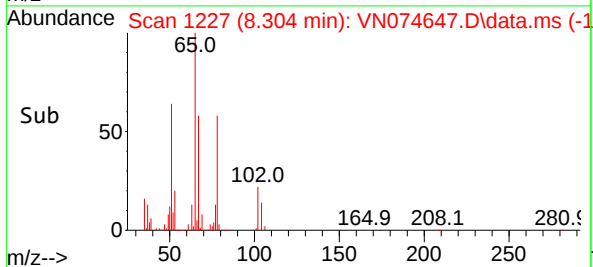
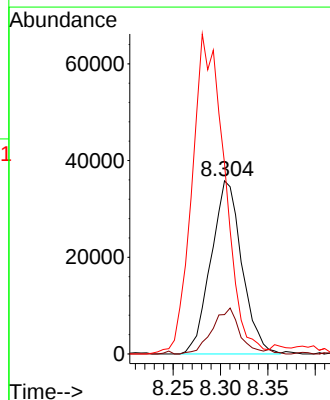
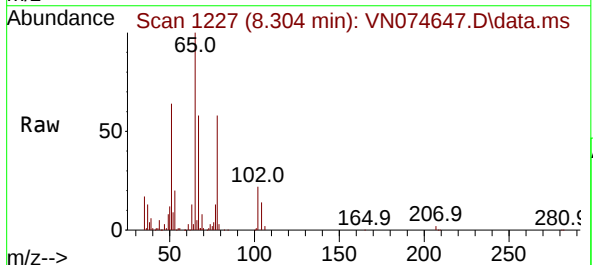
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022DL

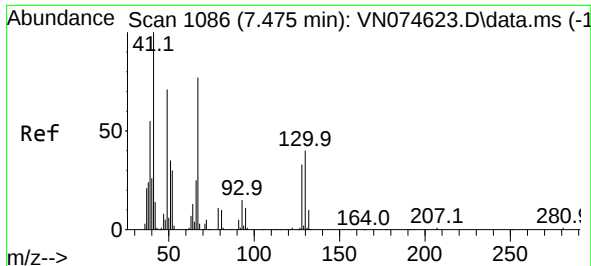
Tgt Ion:	117	Resp:	21747
Ion	Ratio	Lower	Upper
117	100		
119	91.2	77.8	116.6
121	31.8	27.6	41.4



#34
Benzene
Concen: 2.207 ug/l
RT: 8.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion:	78	Resp:	81277
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.9	29.9
51	105.7	21.1	31.7#





#35

Methacrylonitrile

Concen: 2.580 ug/l m

RT: 7.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2022DL

Tgt Ion: 41 Resp: 20833

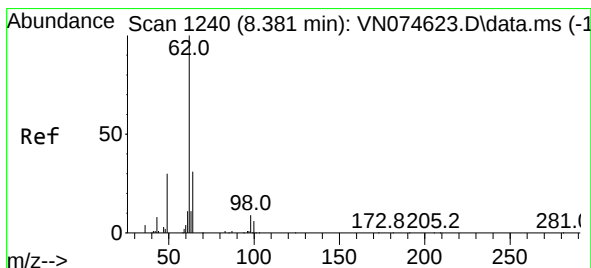
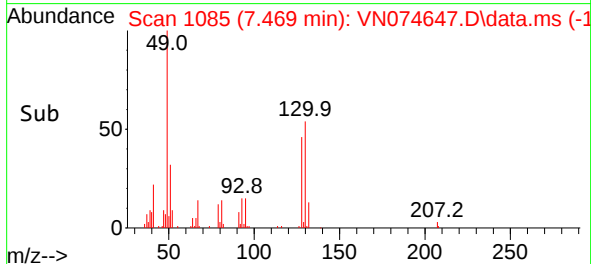
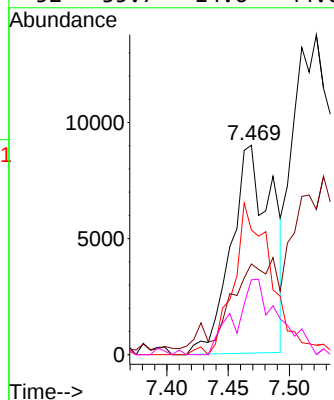
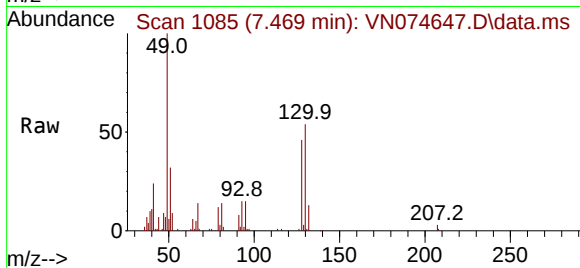
Ion Ratio Lower Upper

41 100

39 43.3 27.7 83.1

67 59.5 38.0 113.9

52 35.7 14.6 44.0



#36

1,2-Dichloroethane

Concen: 2.151 ug/l

RT: 8.375 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VN074647.D

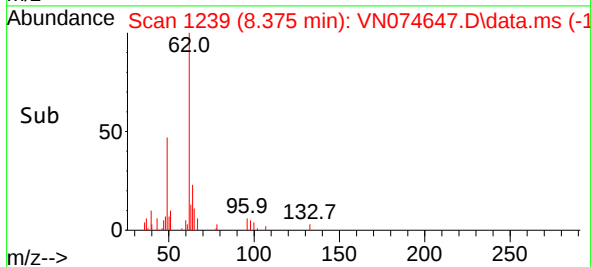
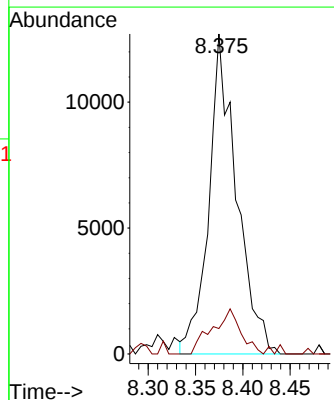
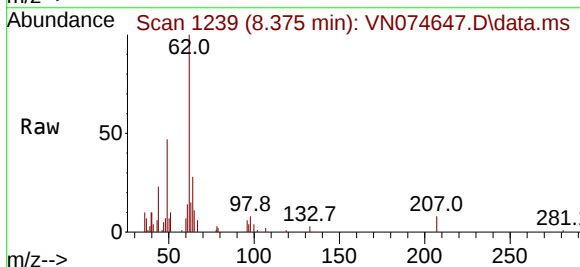
Acq: 28 Sep 2022 14:49

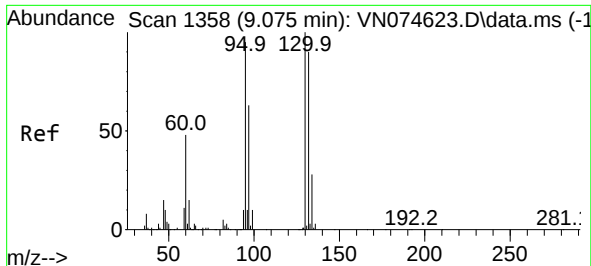
Tgt Ion: 62 Resp: 25865

Ion Ratio Lower Upper

62 100

98 14.5 7.4 11.2#

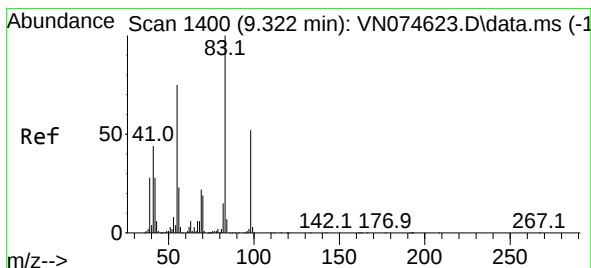
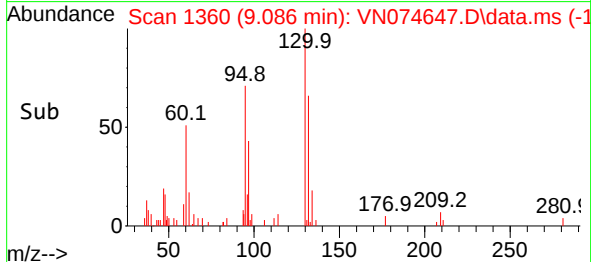
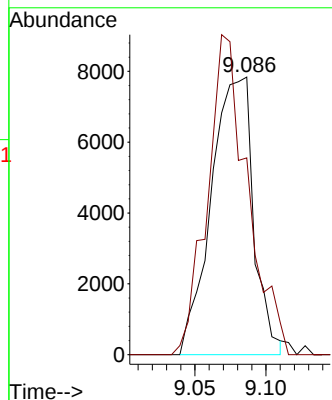
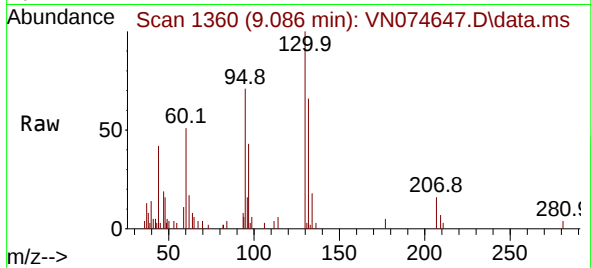




#37
Trichloroethene
Concen: 2.078 ug/l
RT: 9.086 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

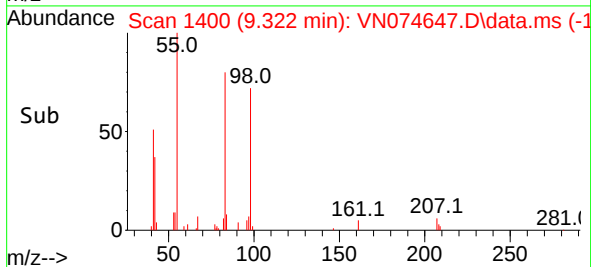
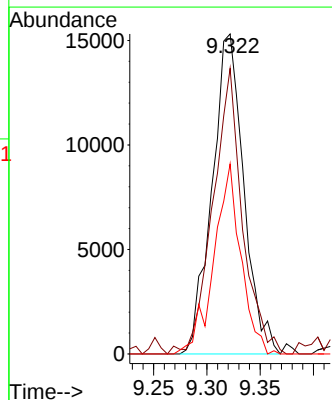
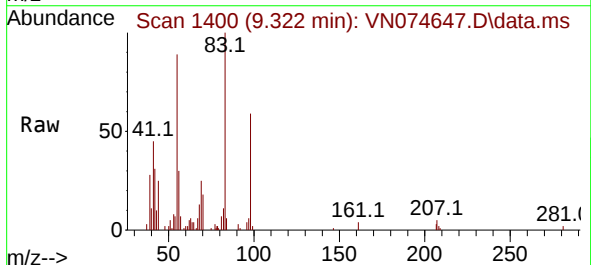
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

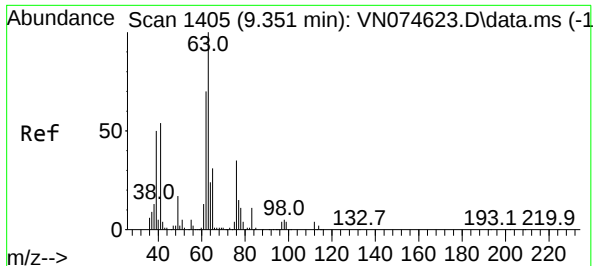
Tgt Ion:130 Resp: 16254
Ion Ratio Lower Upper
130 100
95 67.6 75.9 113.9#



#38
Methylcyclohexane
Concen: 2.203 ug/l
RT: 9.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 83 Resp: 31721
Ion Ratio Lower Upper
83 100
55 82.0 37.4 112.2
98 50.2 24.5 73.5

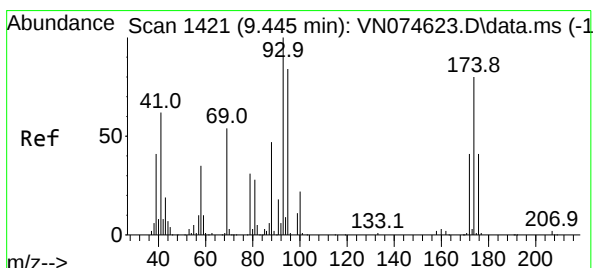
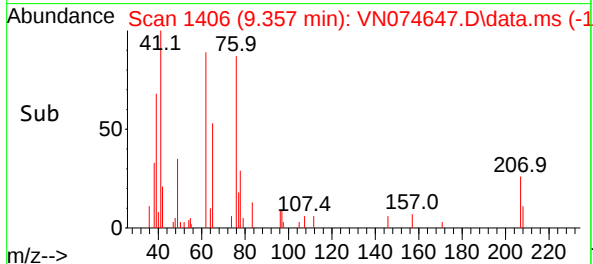
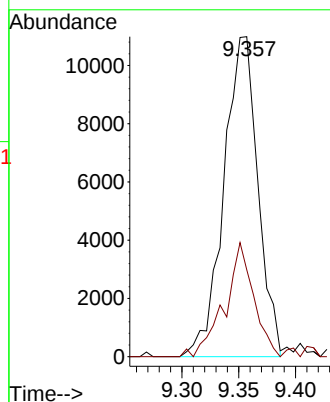
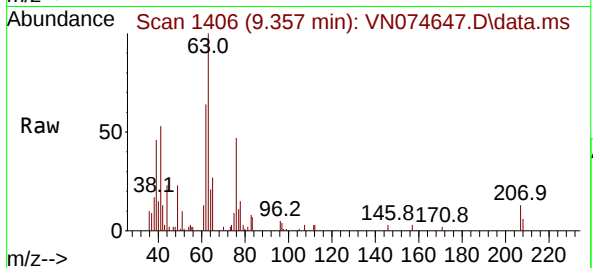




#39
1,2-Dichloropropane
Concen: 2.355 ug/l
RT: 9.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

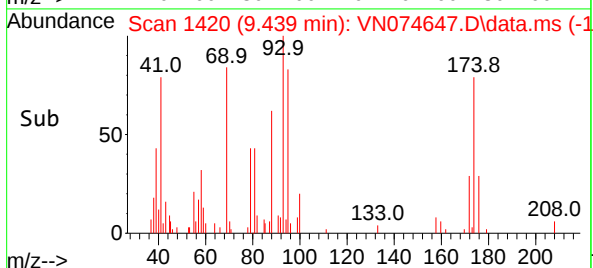
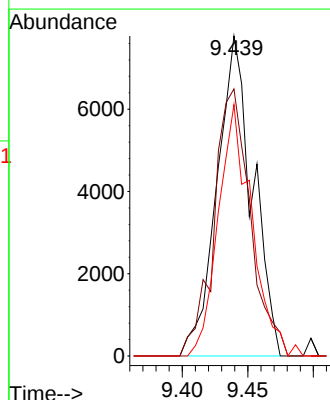
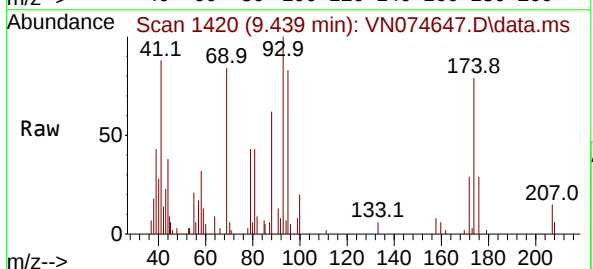
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

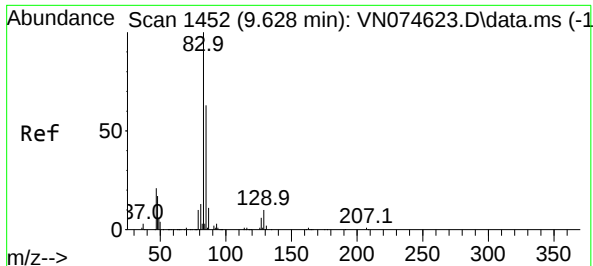
Tgt Ion: 63 Resp: 22962
Ion Ratio Lower Upper
63 100
65 27.2 25.0 37.6



#40
Dibromomethane
Concen: 2.336 ug/l
RT: 9.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 93 Resp: 14697
Ion Ratio Lower Upper
93 100
95 85.2 0.0 168.0
174 73.1 0.0 158.4

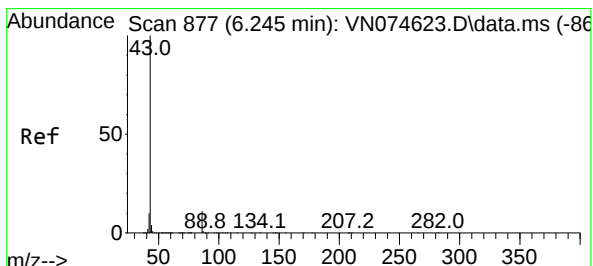
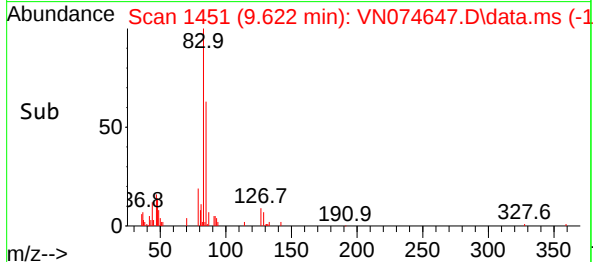
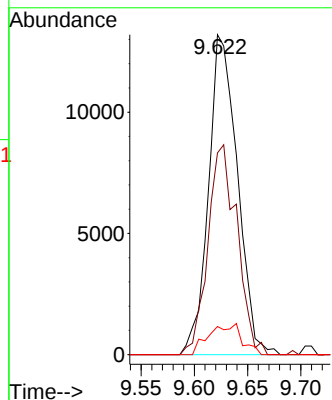
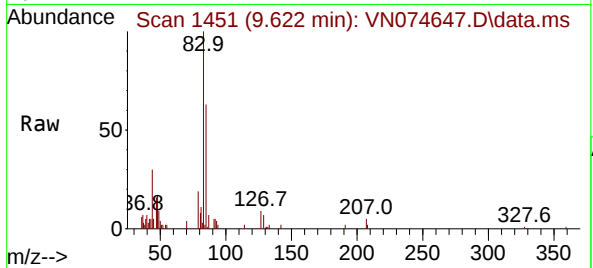




#41
Bromodichloromethane
Concen: 1.993 ug/l
RT: 9.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

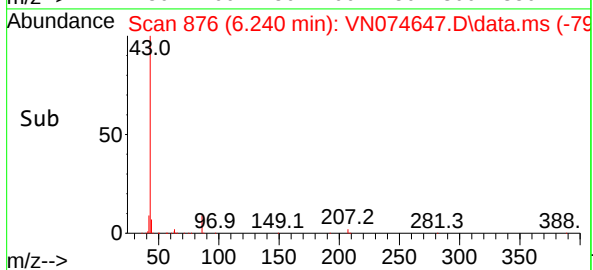
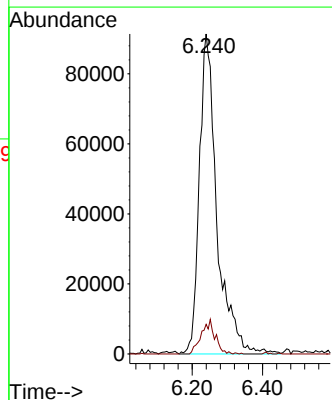
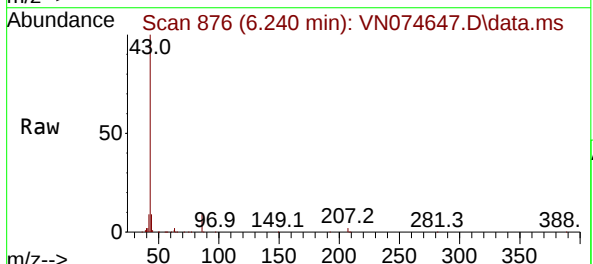
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

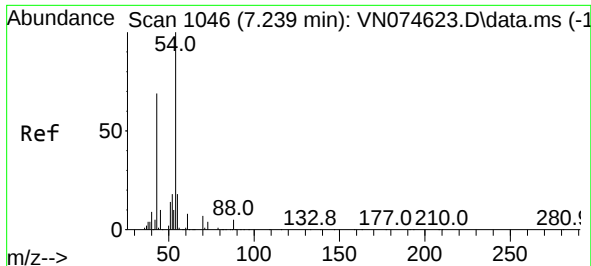
Tgt Ion: 83 Resp: 24926
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.4
127 8.8 5.1 7.7#



#42
Vinyl Acetate
Concen: 11.502 ug/l m
RT: 6.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 43 Resp: 317352
Ion Ratio Lower Upper
43 100
86 0.0 7.5 11.3#





#43

Ethyl Acetate

Concen: 9.330 ug/l m

RT: 7.163 min Scan# 1

Delta R.T. -0.076 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

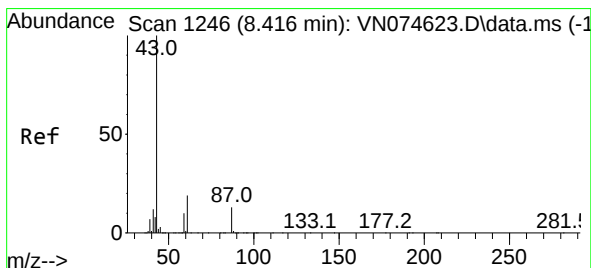
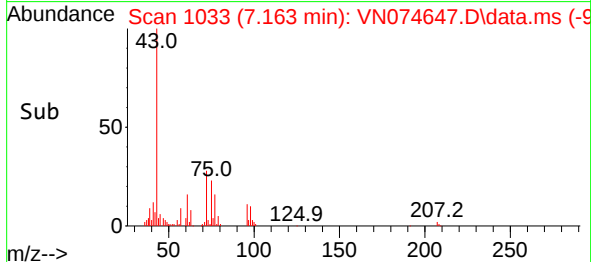
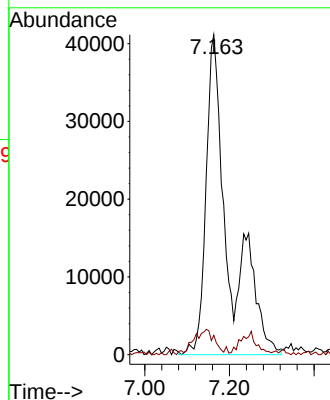
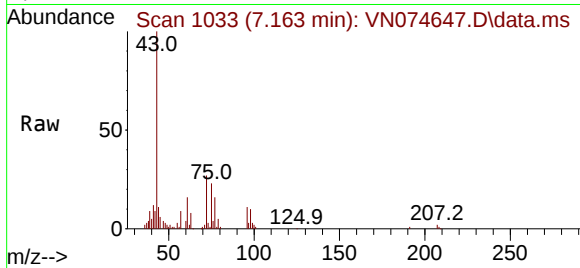
MDL-WATER-03-QT3-2022DL

Tgt Ion: 43 Resp: 153385

Ion Ratio Lower Upper

43 100

45 0.1 11.5 17.3#



#44

Isopropyl Acetate

Concen: 2.325 ug/l

RT: 8.410 min Scan# 1245

Delta R.T. -0.006 min

Lab File: VN074647.D

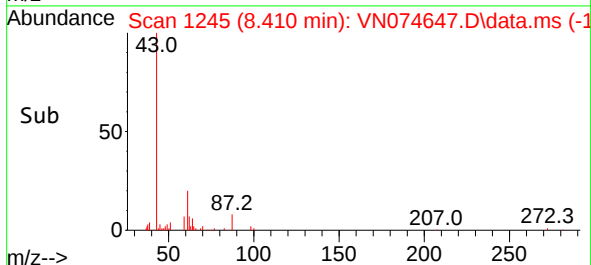
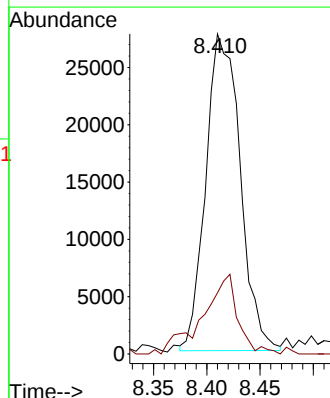
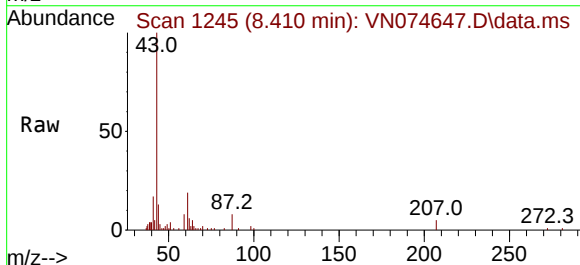
Acq: 28 Sep 2022 14:49

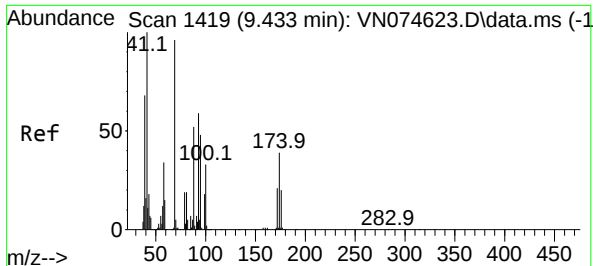
Tgt Ion: 43 Resp: 62082

Ion Ratio Lower Upper

43 100

61 20.5 19.5 29.3





#45

1,4-Dioxane

Concen: 45.598 ug/l

RT: 9.433 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2022DL

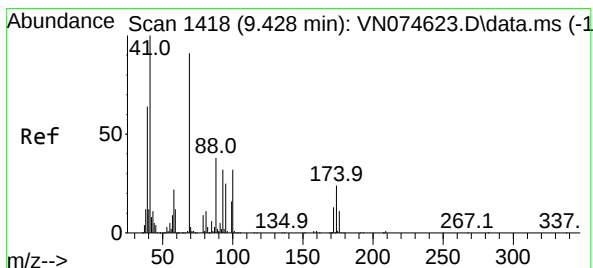
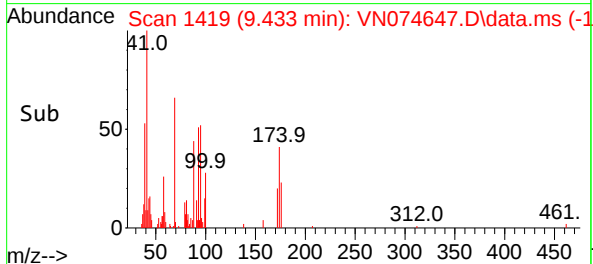
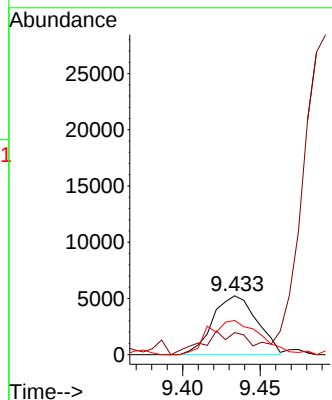
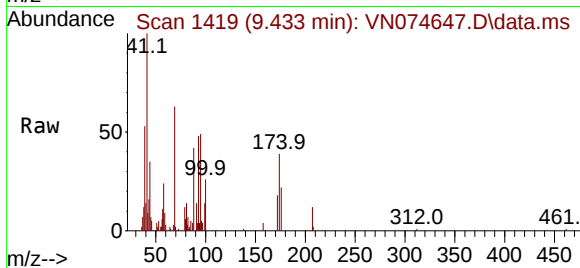
Tgt Ion: 88 Resp: 10388

Ion Ratio Lower Upper

88 100

43 9.1 25.7 38.5#

58 67.5 53.4 80.2



#46

Methyl methacrylate

Concen: 2.335 ug/l

RT: 9.428 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

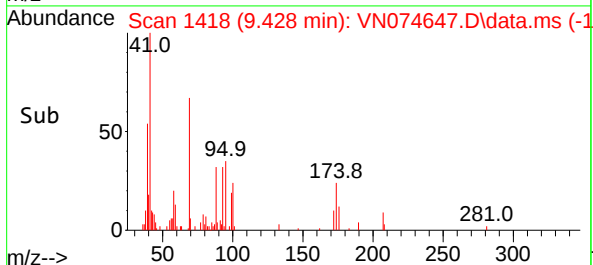
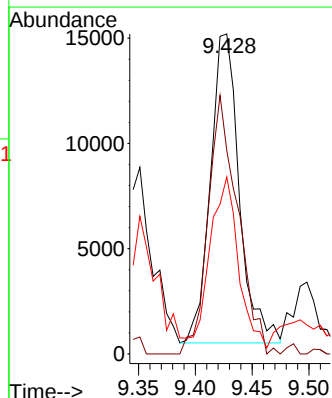
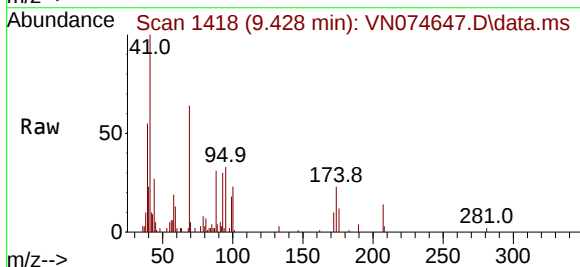
Tgt Ion: 41 Resp: 25959

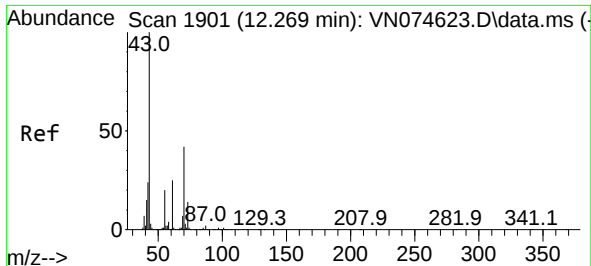
Ion Ratio Lower Upper

41 100

69 65.9 45.6 136.7

39 52.1 32.3 96.9

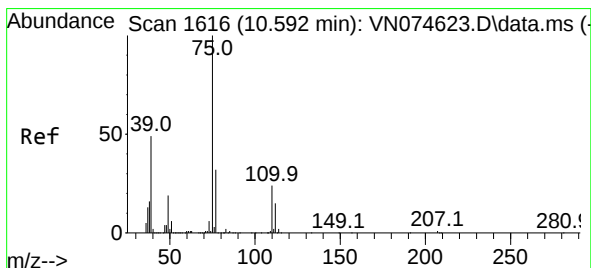
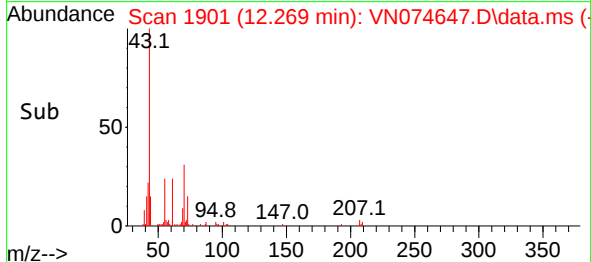
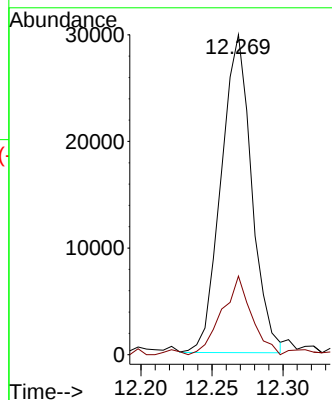
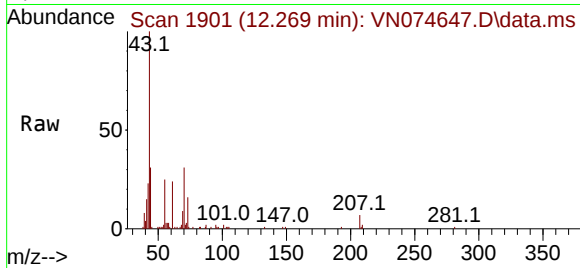




#47
n-amyl acetate
Concen: 1.830 ug/l
RT: 12.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

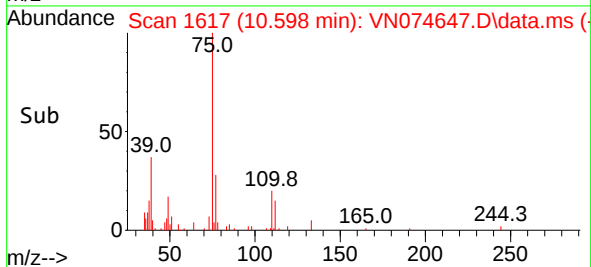
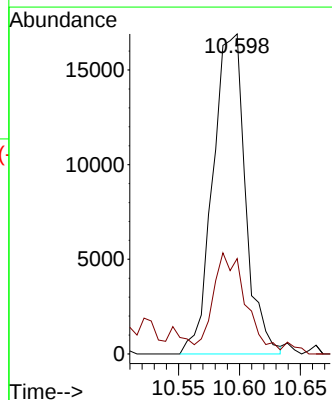
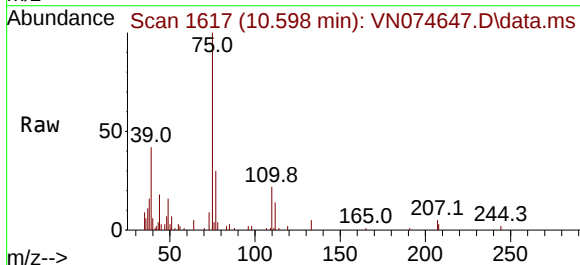
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

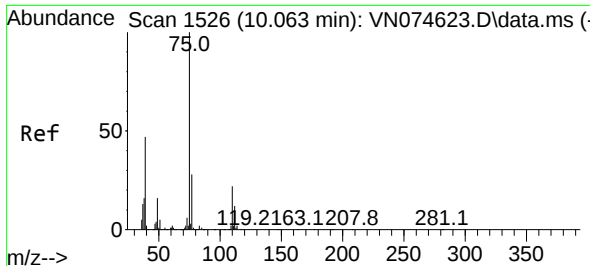
Tgt Ion: 43 Resp: 44703
Ion Ratio Lower Upper
43 100
55 23.9 16.8 25.2



#48
t-1,3-Dichloropropene
Concen: 2.068 ug/l
RT: 10.598 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 75 Resp: 31402
Ion Ratio Lower Upper
75 100
77 28.5 25.8 38.8

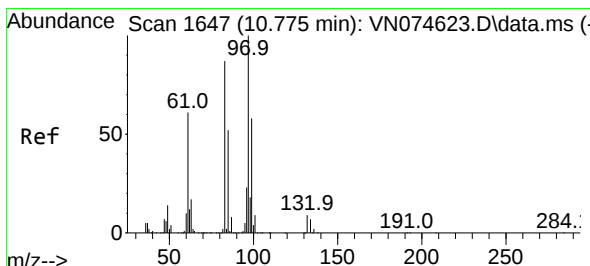
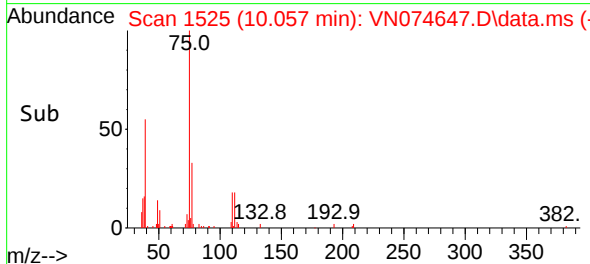
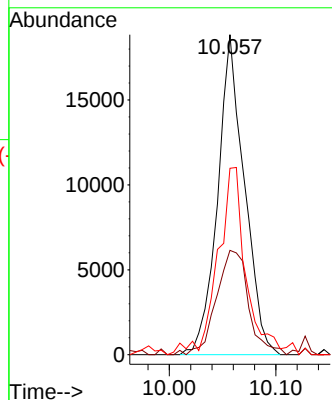
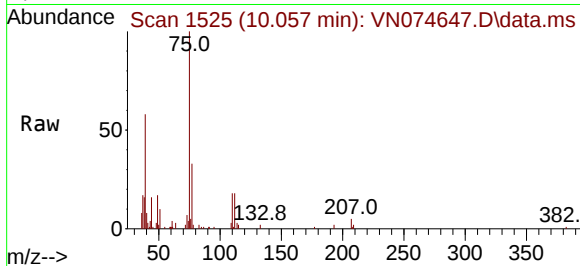




#49
 cis-1,3-Dichloropropene
 Concen: 2.080 ug/l
 RT: 10.057 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VN074647.D
 Acq: 28 Sep 2022 14:49

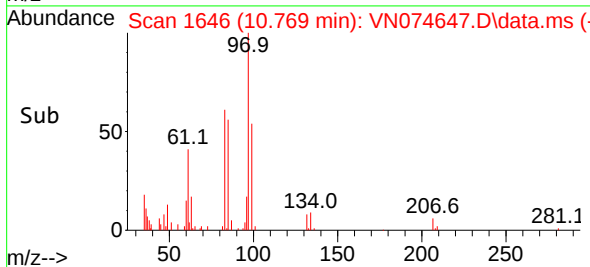
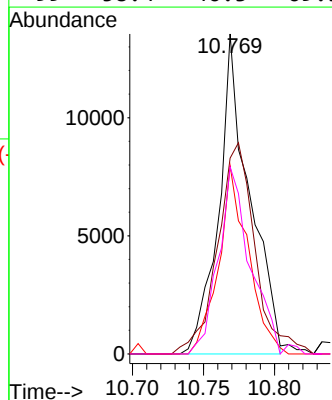
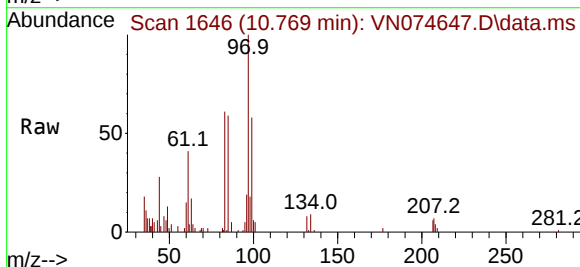
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2022DL

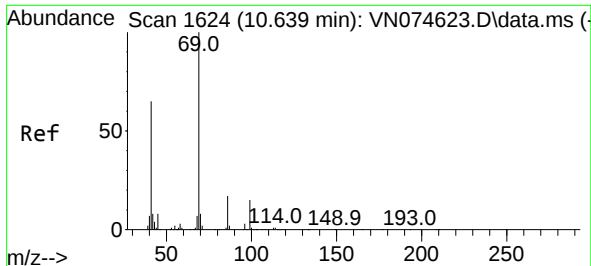
Tgt Ion: 75 Resp: 32859
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.5 33.7
 39 56.4 37.6 56.4#



#50
 1,1,2-Trichloroethane
 Concen: 2.223 ug/l
 RT: 10.769 min Scan# 1646
 Delta R.T. -0.006 min
 Lab File: VN074647.D
 Acq: 28 Sep 2022 14:49

Tgt Ion: 97 Resp: 20337
 Ion Ratio Lower Upper
 97 100
 83 59.1 69.2 103.8#
 85 58.8 41.4 62.2
 99 58.4 46.3 69.5

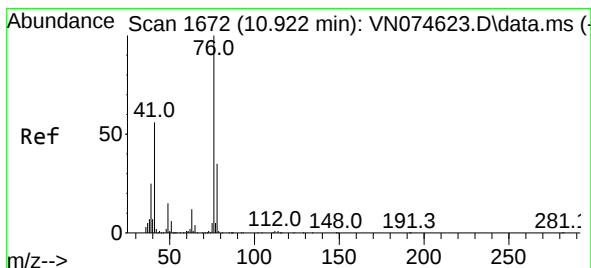
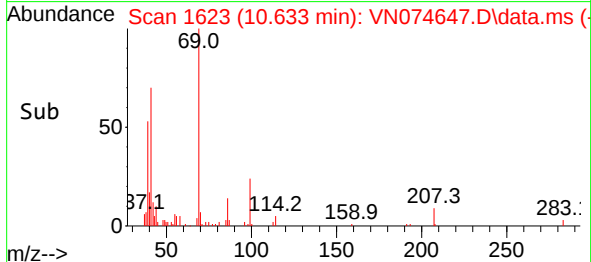
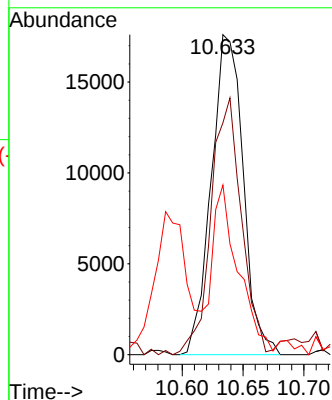
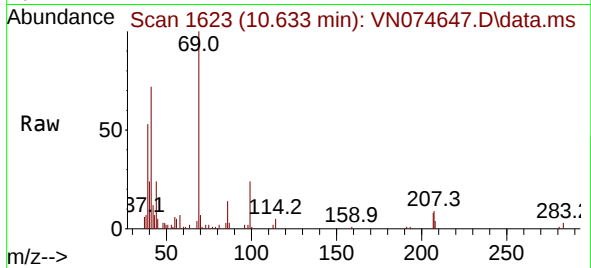




#51
Ethyl methacrylate
Concen: 1.871 ug/l
RT: 10.633 min Scan# 1671
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

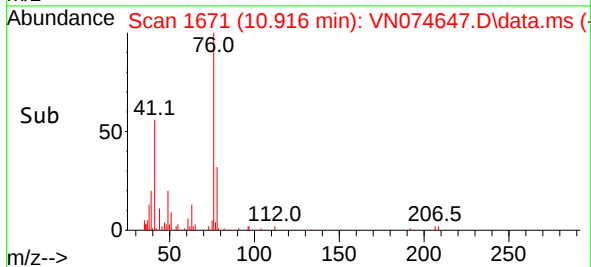
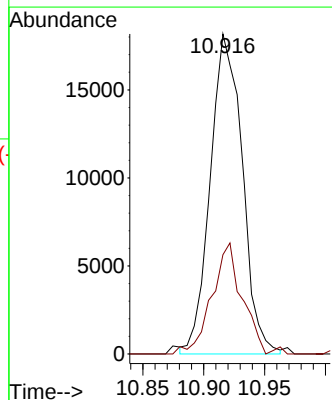
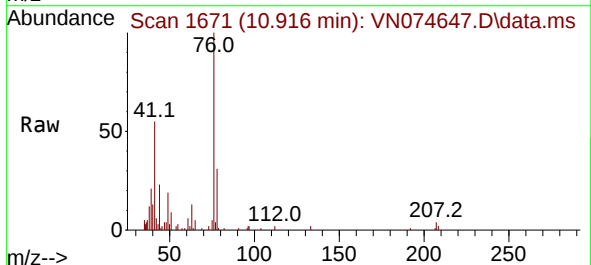
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

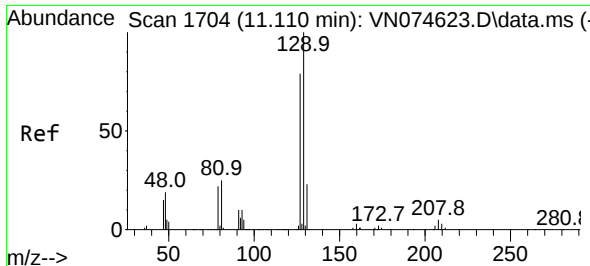
Tgt Ion: 69 Resp: 32100
Ion Ratio Lower Upper
69 100
41 71.4 32.5 97.5
39 48.8 21.5 64.5



#52
1,3-Dichloropropane
Concen: 2.053 ug/l
RT: 10.916 min Scan# 1671
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 76 Resp: 33291
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.8

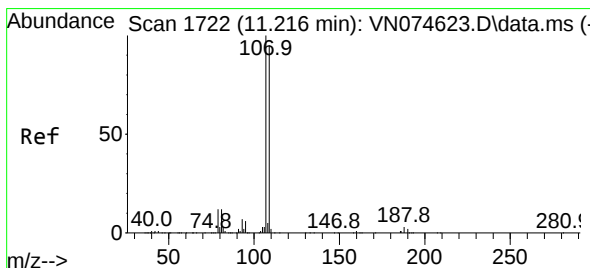
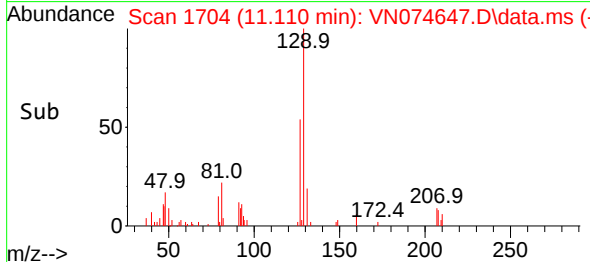
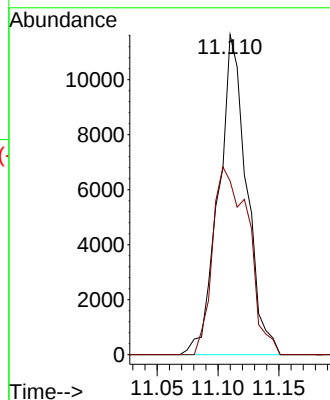
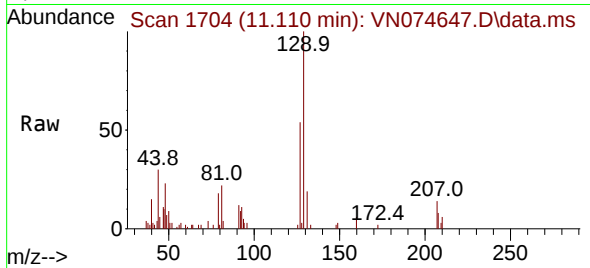




#53
Dibromochloromethane
Concen: 1.930 ug/l
RT: 11.110 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

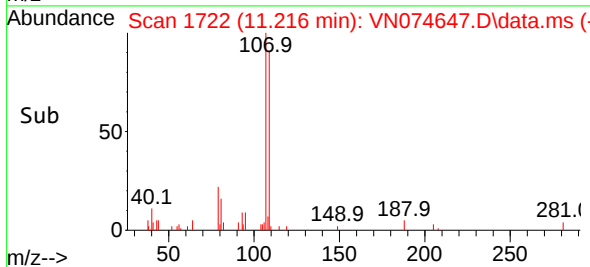
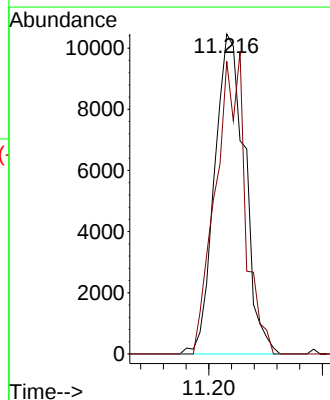
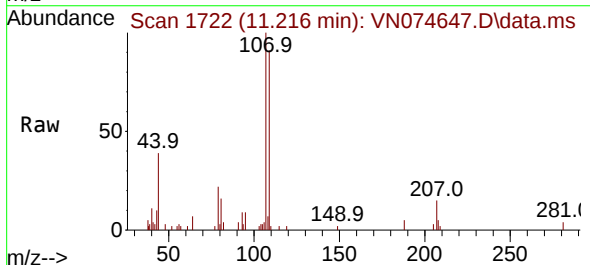
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

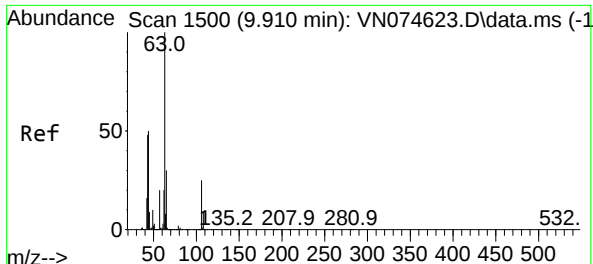
Tgt Ion:129 Resp: 18660
Ion Ratio Lower Upper
129 100
127 73.7 40.6 121.7



#54
1,2-Dibromoethane
Concen: 2.038 ug/l
RT: 11.216 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion:107 Resp: 19291
Ion Ratio Lower Upper
107 100
109 91.6 76.2 114.2





#55

2-Chloroethyl vinyl ether

Concen: 11.130 ug/l

RT: 9.916 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2022DL

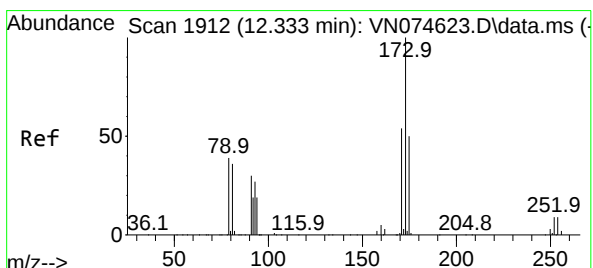
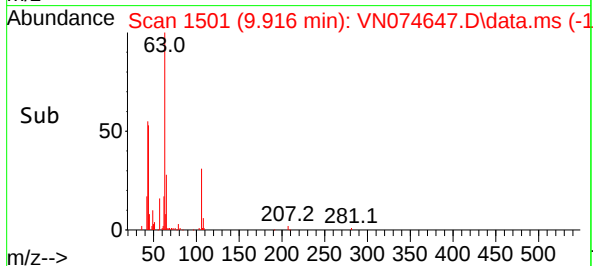
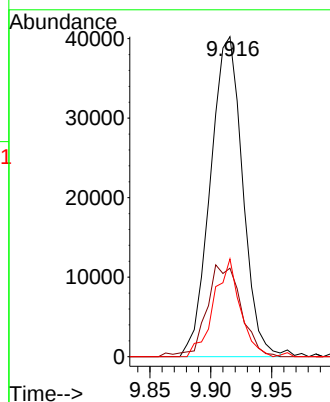
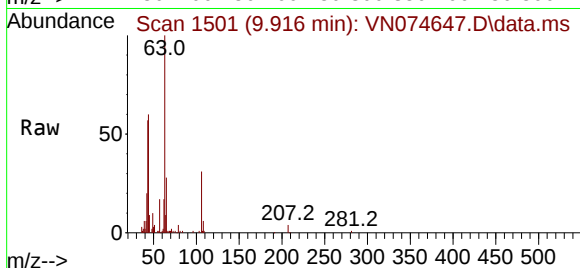
Tgt Ion: 63 Resp: 74089

Ion Ratio Lower Upper

63 100

65 29.6 24.6 36.8

106 25.1 21.3 31.9



#56

Bromoform

Concen: 1.564 ug/l

RT: 12.327 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

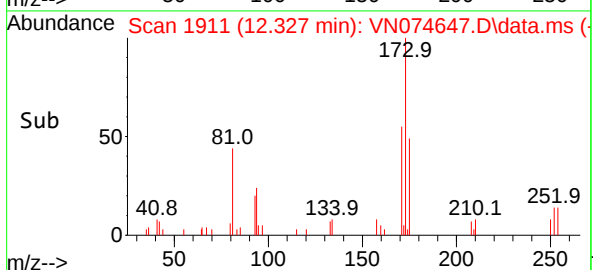
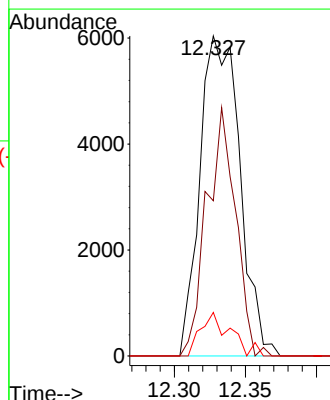
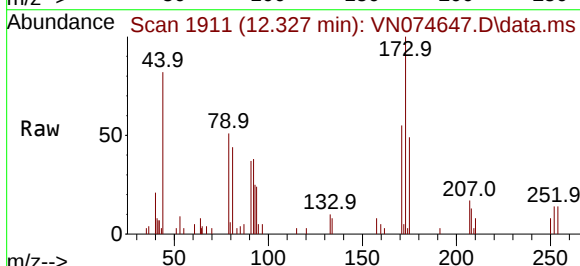
Tgt Ion: 173 Resp: 11816

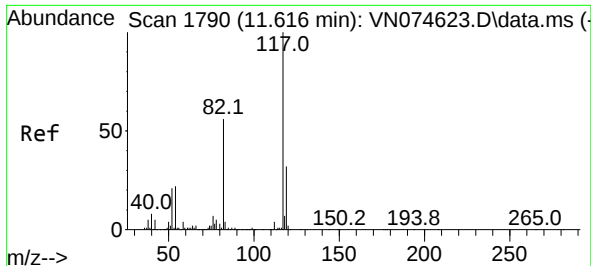
Ion Ratio Lower Upper

173 100

175 0.0 39.1 58.7#

254 6.7 7.0 10.6#

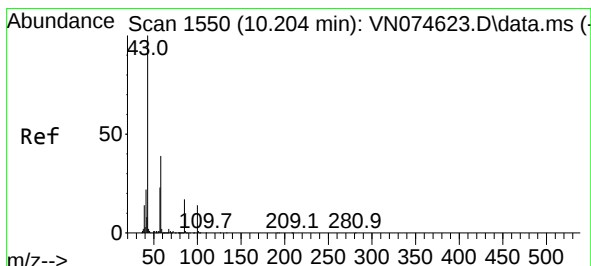
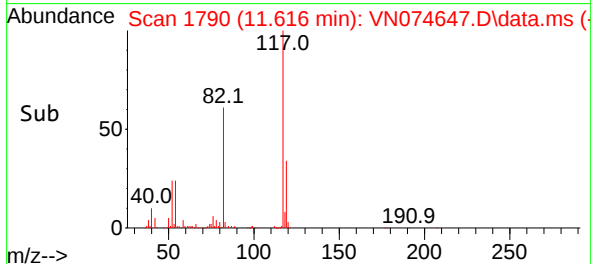
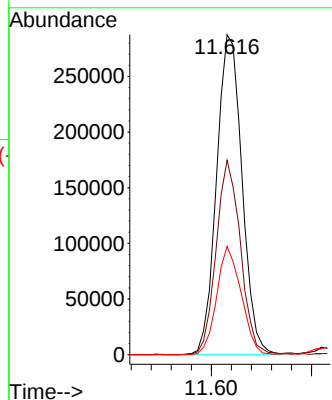
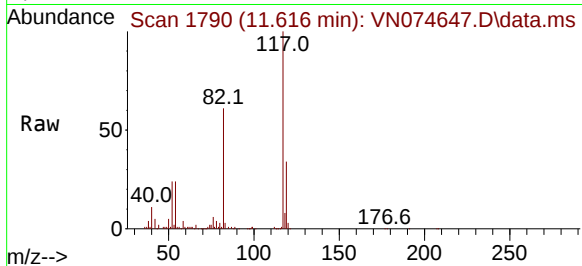




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.616 min Scan# 11790
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

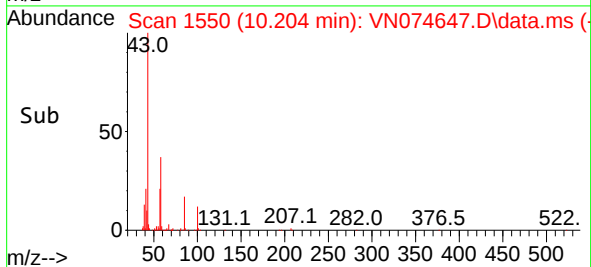
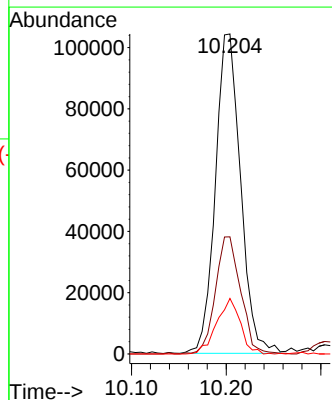
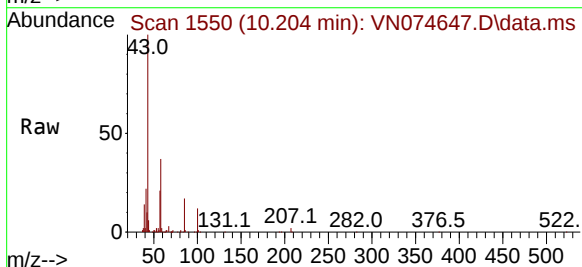
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

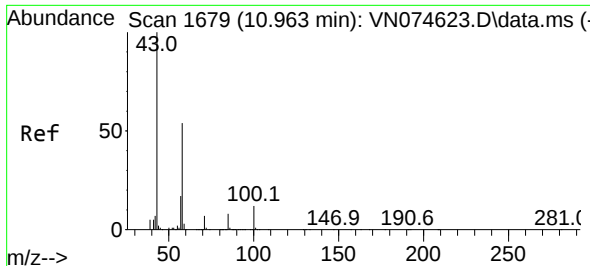
Tgt Ion:	117	Resp:	507277
Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.6	67.0
119	32.4	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 12.259 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion:	43	Resp:	192994
Ion	Ratio	Lower	Upper
43	100		
58	36.6	30.8	46.2
85	16.2	13.3	19.9

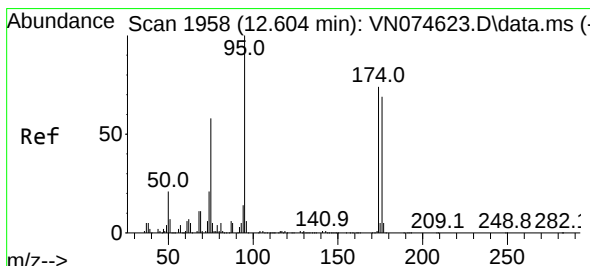
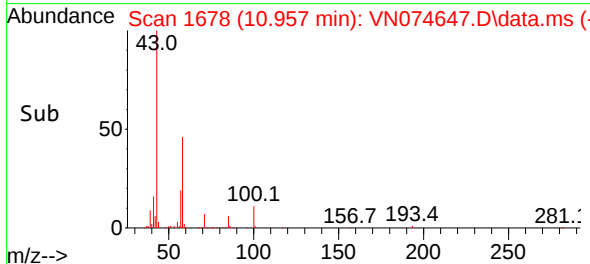
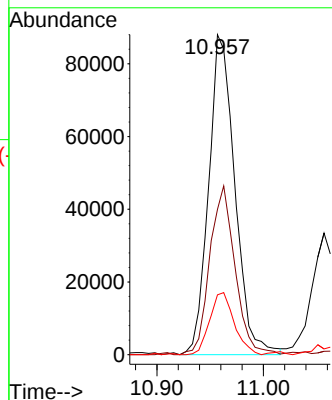
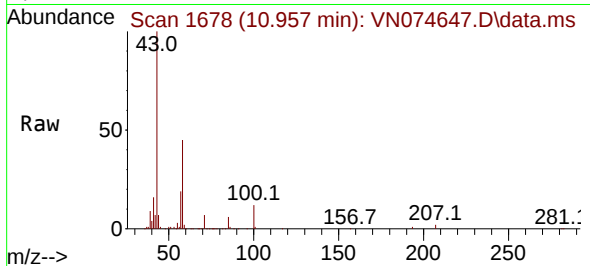




#59
2-Hexanone
Concen: 12.364 ug/l
RT: 10.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

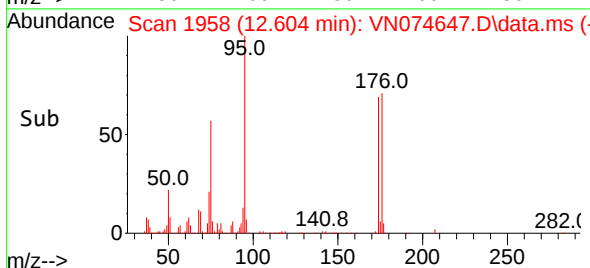
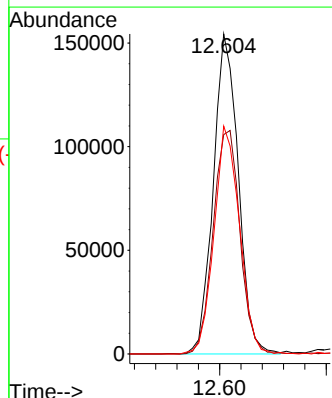
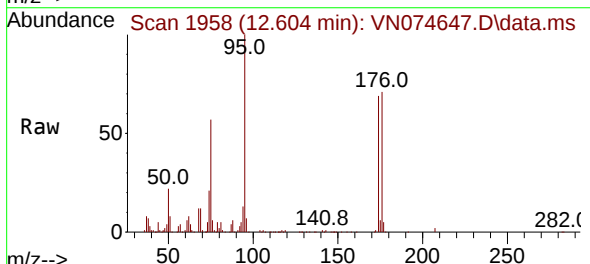
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

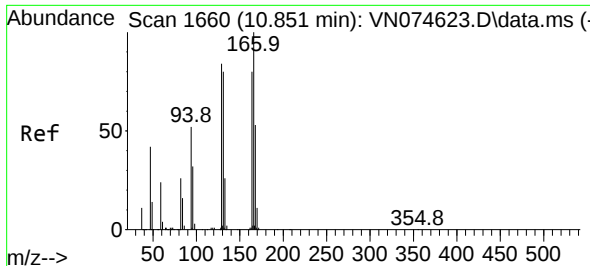
Tgt Ion: 43 Resp: 150759
Ion Ratio Lower Upper
43 100
58 50.6 43.6 65.4
57 18.1 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 25.475 ug/l
RT: 12.604 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 95 Resp: 251018
Ion Ratio Lower Upper
95 100
174 75.0 57.8 86.8
176 72.5 57.0 85.4

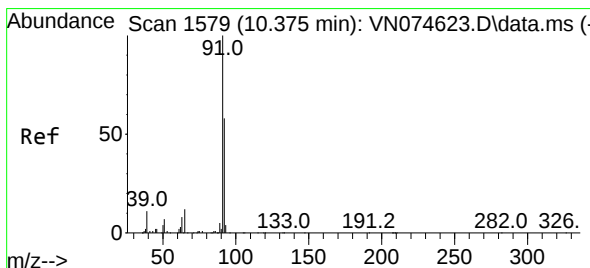
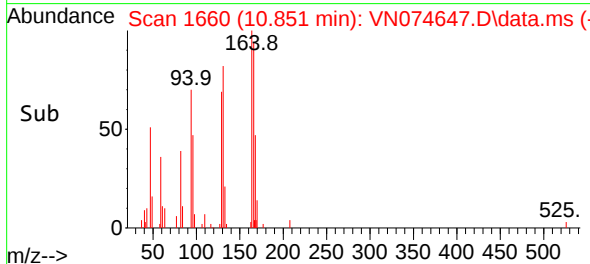
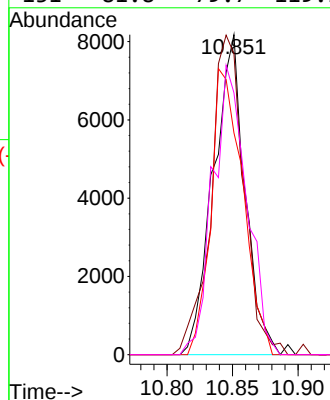
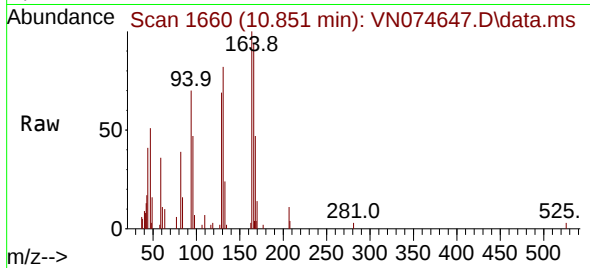




#61
Tetrachloroethene
Concen: 2.427 ug/l
RT: 10.851 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

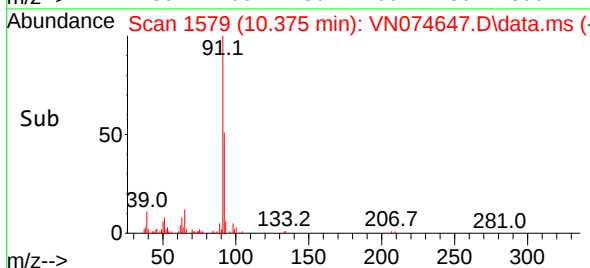
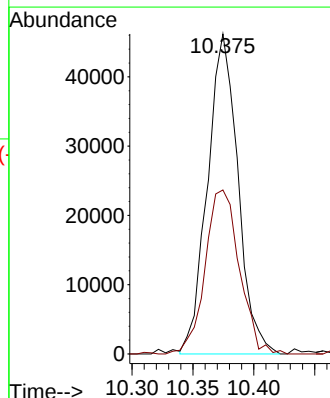
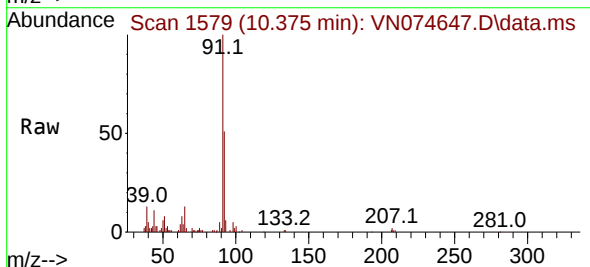
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

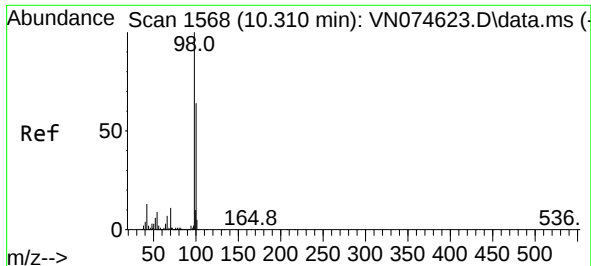
Tgt Ion:	164	Resp:	13732
Ion Ratio	Lower	Upper	
164	100		
166	92.0	99.6	149.4#
129	69.3	84.0	126.0#
131	81.8	79.7	119.5



#62
Toluene
Concen: 2.162 ug/l
RT: 10.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion:	91	Resp:	80313
Ion Ratio	Lower	Upper	
91	100		
92	56.6	46.0	69.0

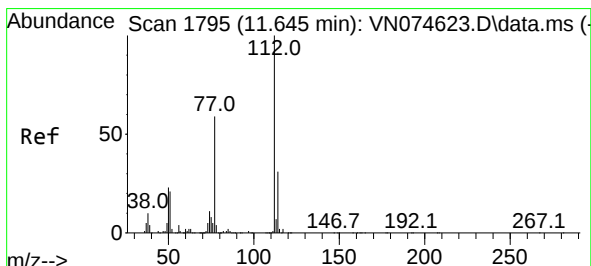
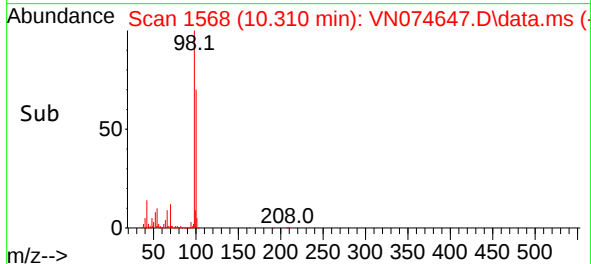
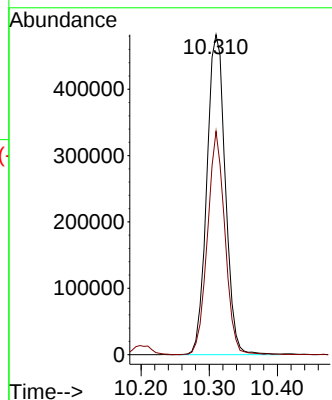
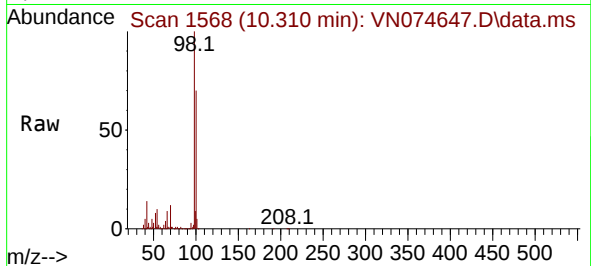




#63
Toluene-d8
Concen: 31.730 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

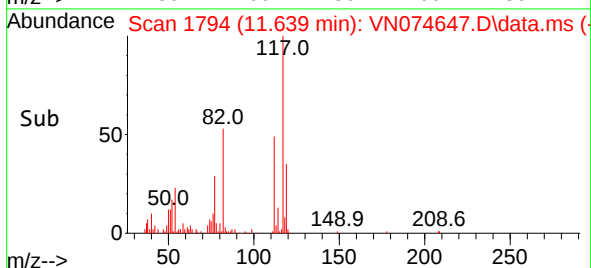
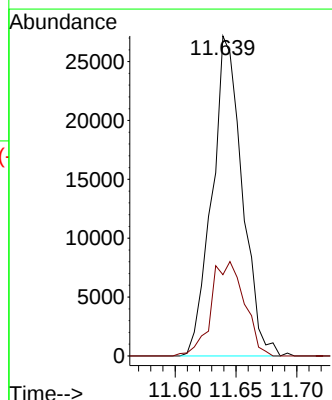
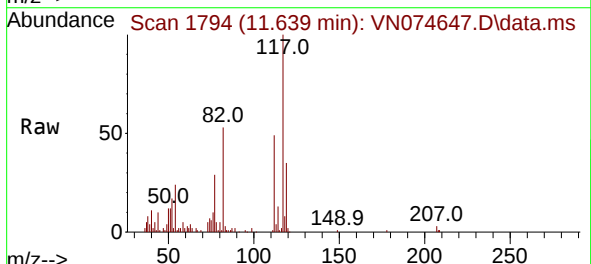
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

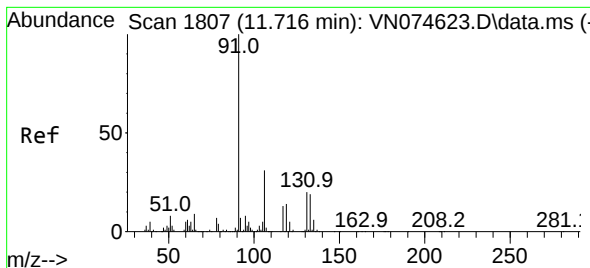
Tgt Ion: 98 Resp: 907905
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#64
Chlorobenzene
Concen: 2.201 ug/l
RT: 11.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 112 Resp: 46842
Ion Ratio Lower Upper
112 100
114 25.4 24.7 37.1

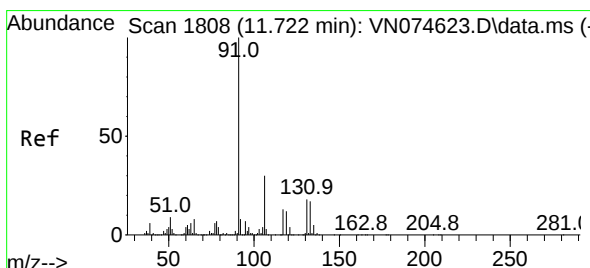
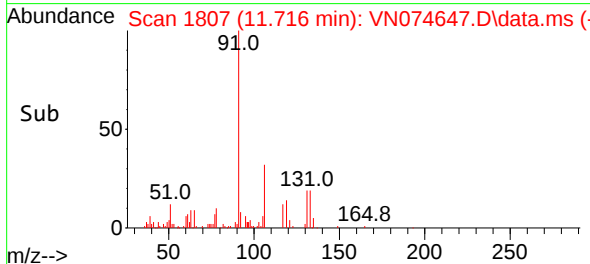
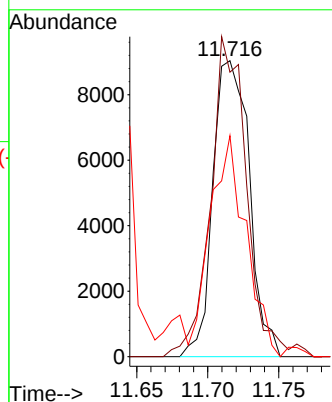
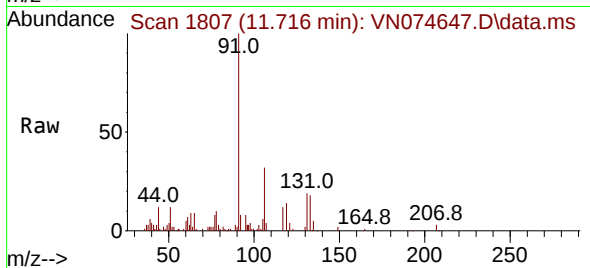




#65
1,1,1,2-Tetrachloroethane
Concen: 2.016 ug/l
RT: 11.716 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

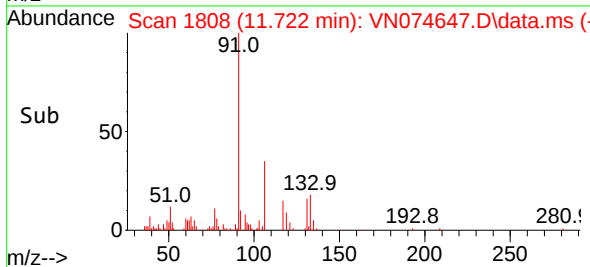
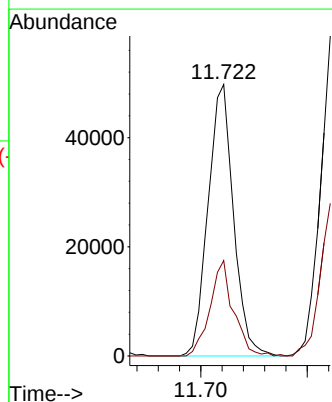
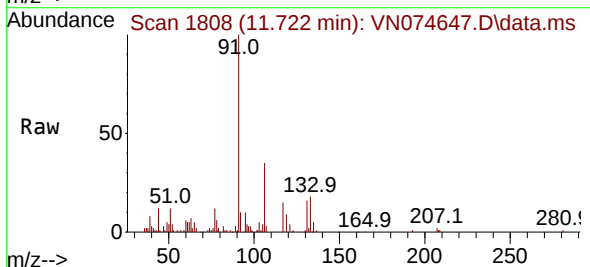
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022DL

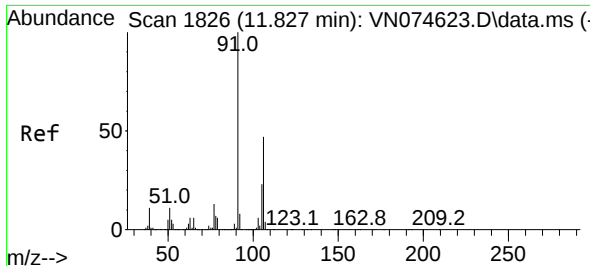
Tgt Ion	Ratio	Lower	Upper
131	100		
133	105.2	0.0	191.8
119	73.5	0.0	135.8



#66
Ethyl Benzene
Concen: 2.092 ug/l
RT: 11.722 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion	Ratio	Lower	Upper
91	100		
106	35.1	24.1	36.1

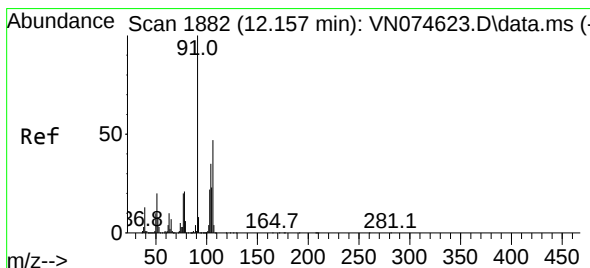
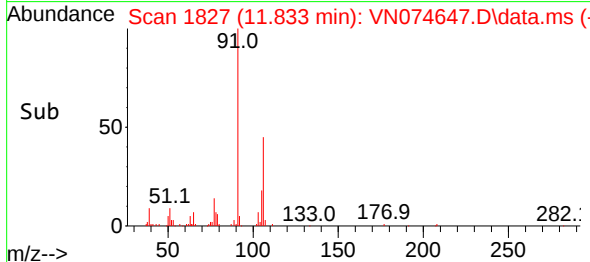
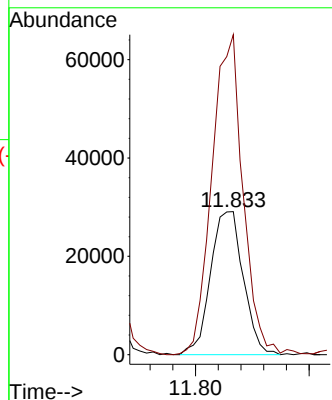
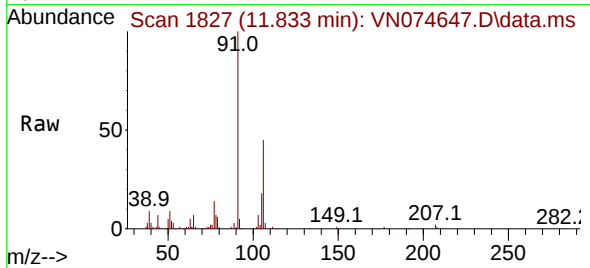




#67
m/p-Xylenes
Concen: 3.681 ug/l
RT: 11.833 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

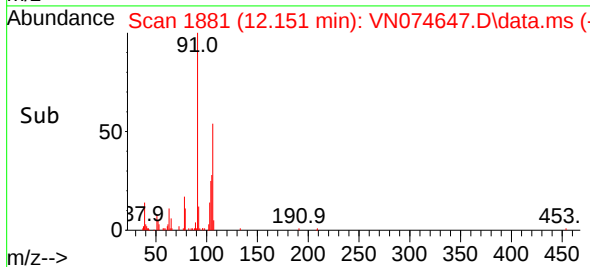
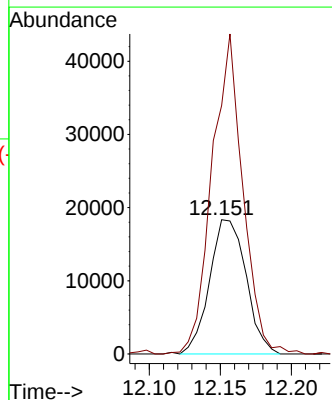
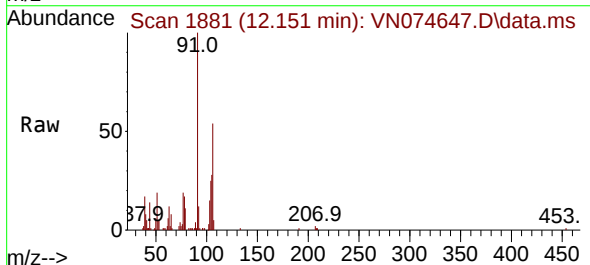
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

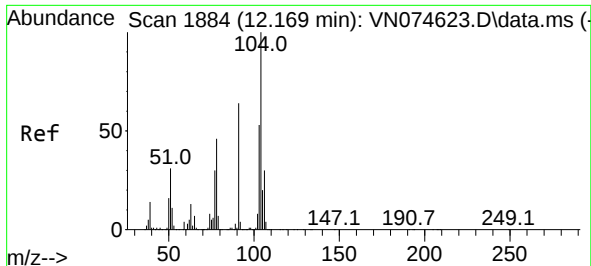
Tgt Ion:106 Resp: 58298
Ion Ratio Lower Upper
106 100
91 211.3 164.2 246.4



#68
o-Xylene
Concen: 2.034 ug/l
RT: 12.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion:106 Resp: 32804
Ion Ratio Lower Upper
106 100
91 201.9 108.5 325.5

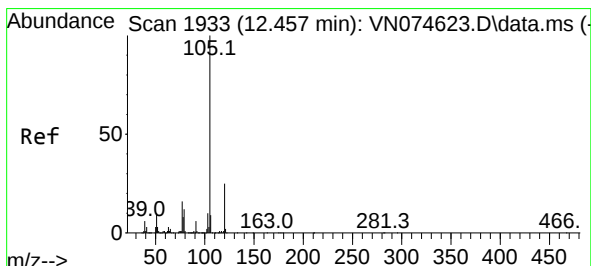
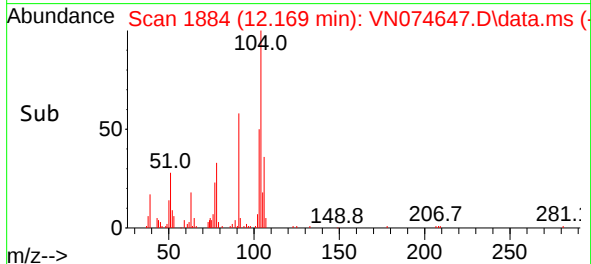
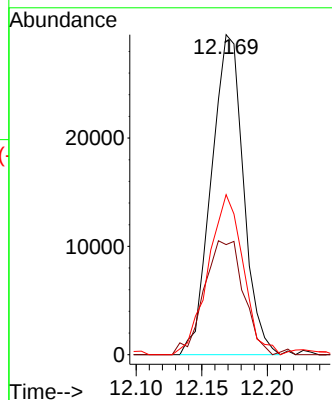
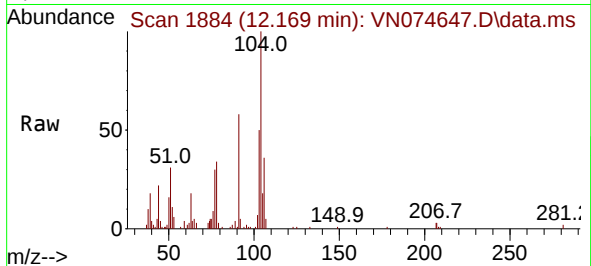




#69
Styrene
Concen: 1.853 ug/l
RT: 12.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

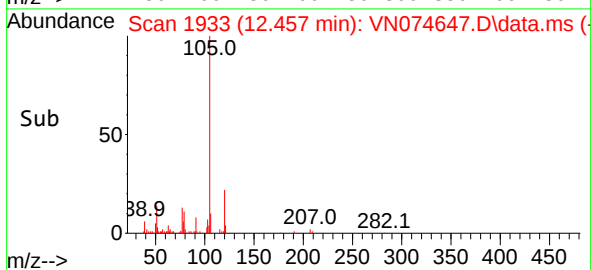
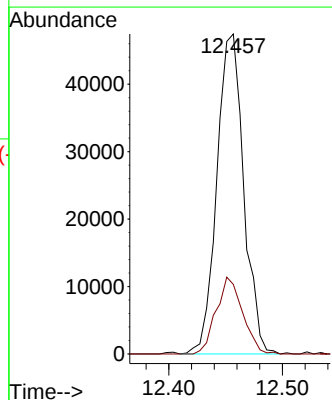
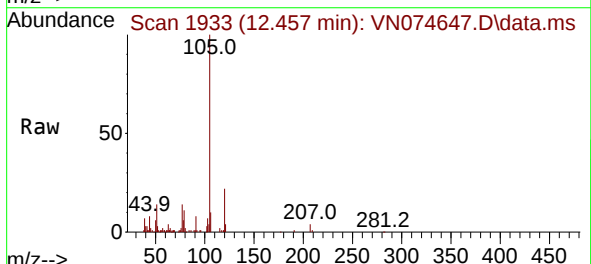
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

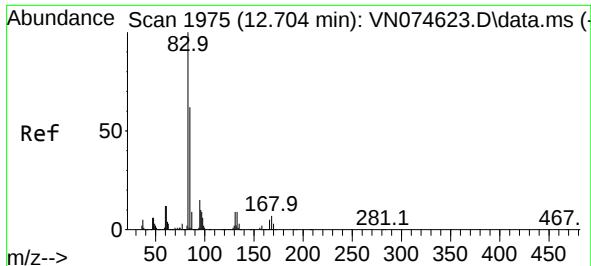
Tgt Ion:104 Resp: 50261
Ion Ratio Lower Upper
104 100
78 43.6 39.9 59.9
103 53.7 43.8 65.8



#70
Isopropylbenzene
Concen: 1.895 ug/l
RT: 12.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion:105 Resp: 77965
Ion Ratio Lower Upper
105 100
120 23.6 18.5 34.3

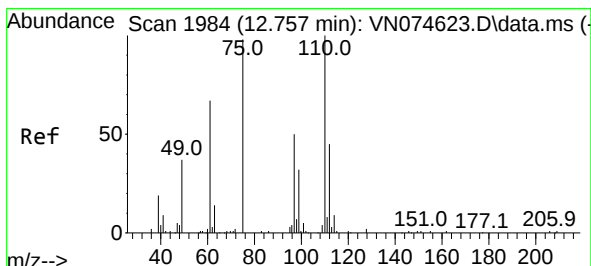
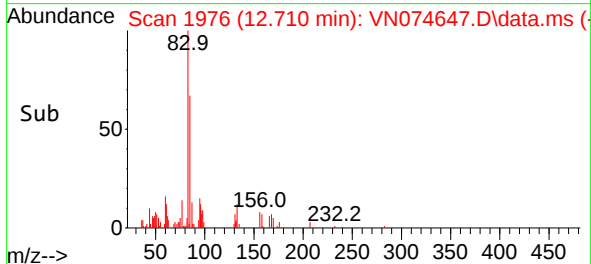
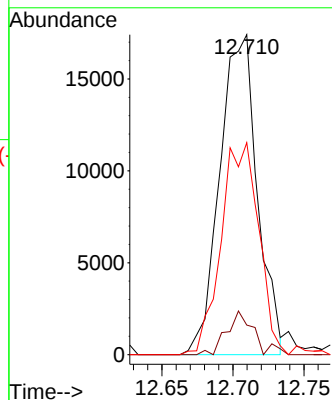
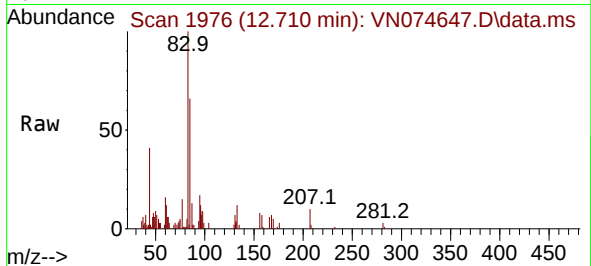




#71
1,1,2,2-Tetrachloroethane
Concen: 2.197 ug/l
RT: 12.710 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

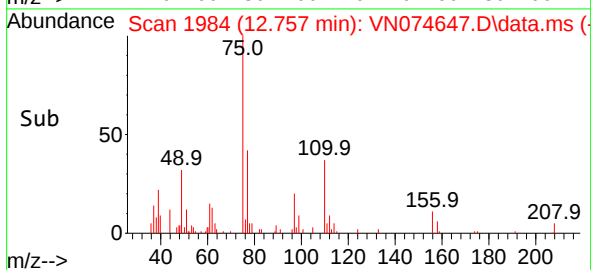
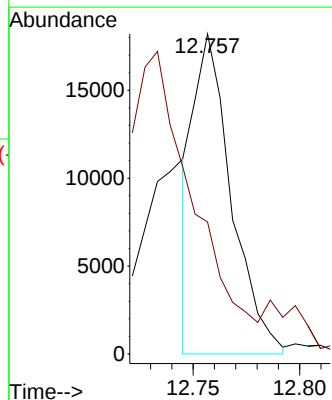
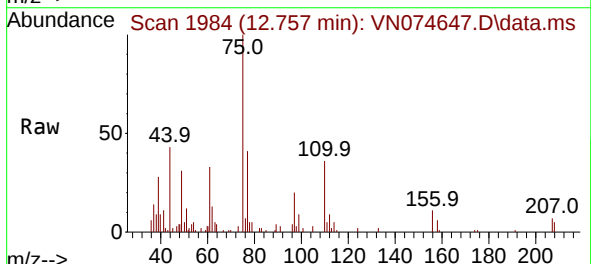
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022DL

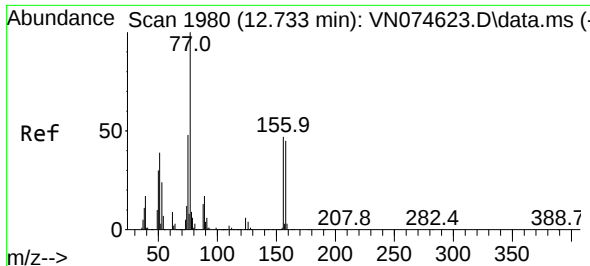
Tgt Ion: 83 Resp: 32079
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.5
85 66.0 30.9 92.7



#72
1,2,3-Trichloropropane
Concen: 2.048 ug/l m
RT: 12.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 75 Resp: 22640
Ion Ratio Lower Upper
75 100
77 164.9 0.0 372.4

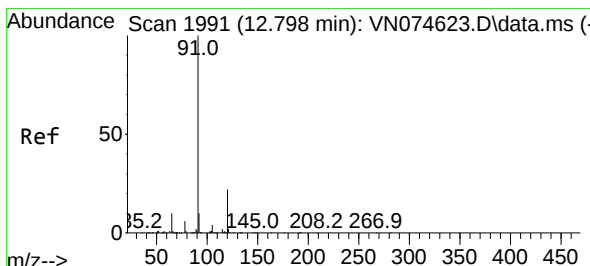
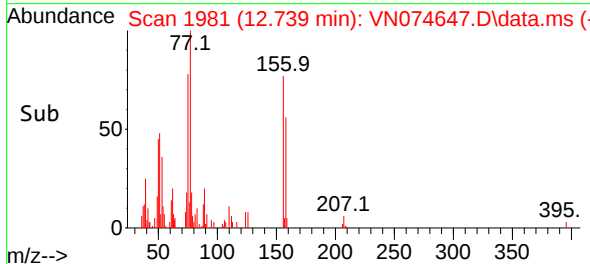
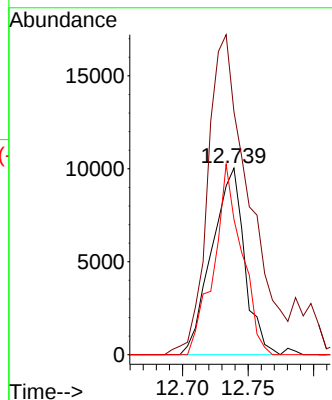
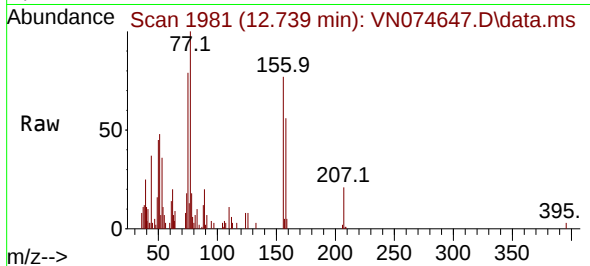




#73
Bromobenzene
Concen: 2.111 ug/l
RT: 12.739 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

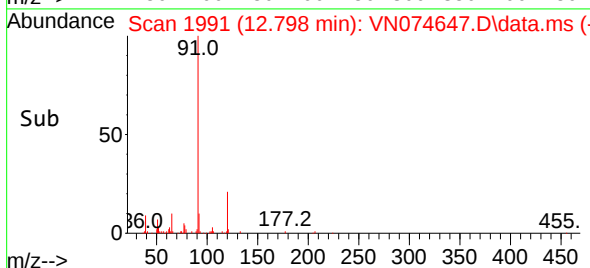
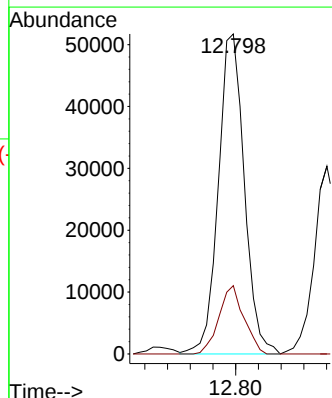
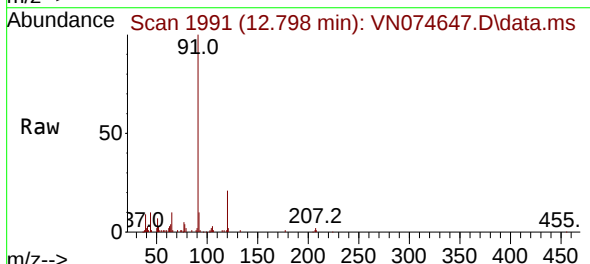
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

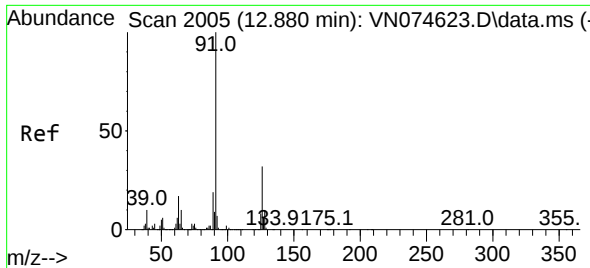
Tgt Ion:156 Resp: 17451
Ion Ratio Lower Upper
156 100
77 213.9 0.0 491.8
158 86.8 0.0 185.0



#74
n-propylbenzene
Concen: 1.774 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 91 Resp: 82211
Ion Ratio Lower Upper
91 100
120 20.5 0.0 44.6

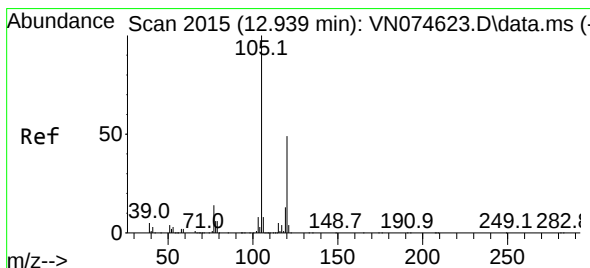
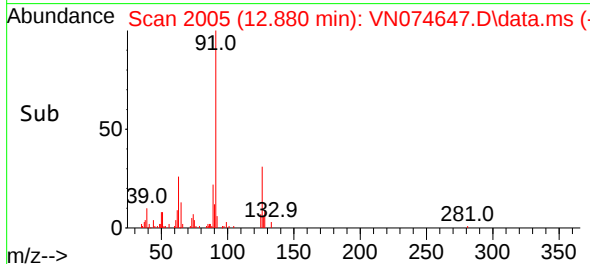
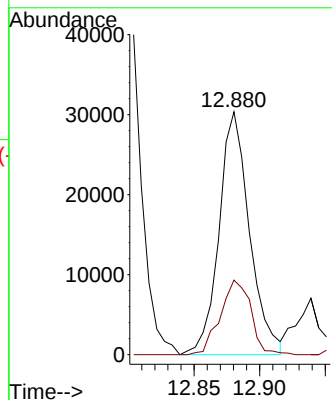
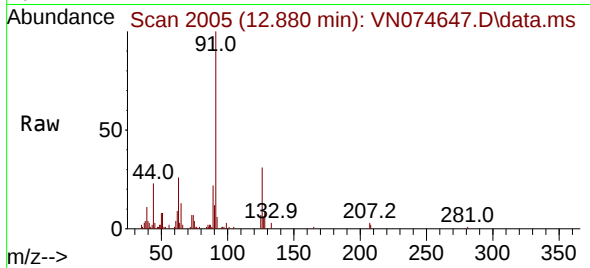




#75
2-Chlorotoluene
Concen: 1.746 ug/l
RT: 12.880 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

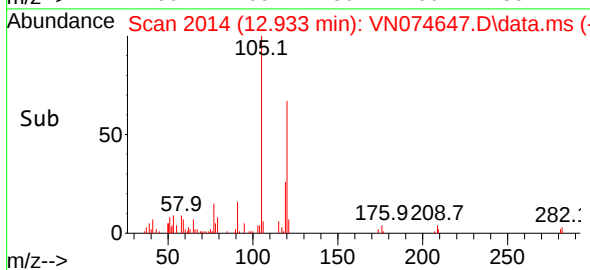
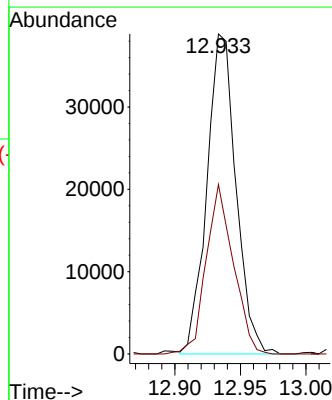
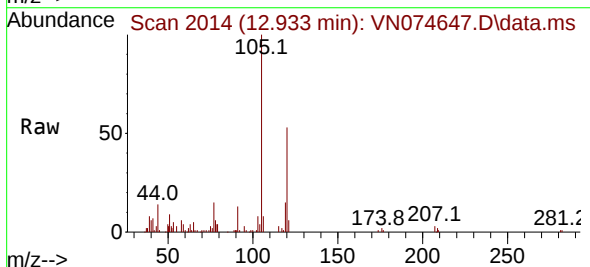
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

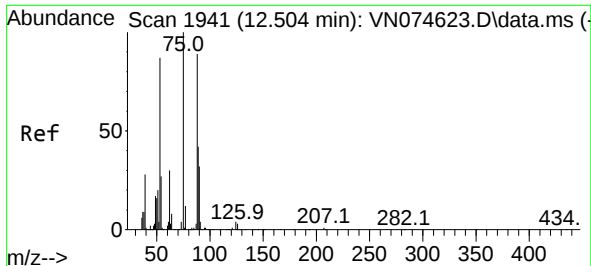
Tgt Ion: 91 Resp: 49108
Ion Ratio Lower Upper
91 100
126 30.8 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 1.735 ug/l
RT: 12.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 105 Resp: 60178
Ion Ratio Lower Upper
105 100
120 49.5 0.0 97.4

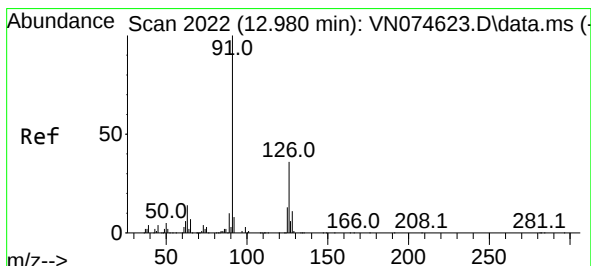
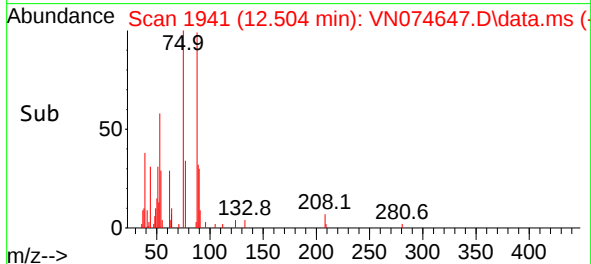
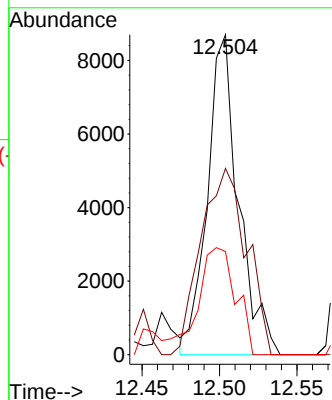
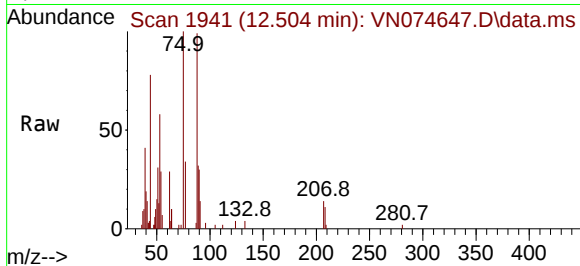




#77
t-1,4-Dichloro-2-butene
Concen: 2.123 ug/l
RT: 12.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

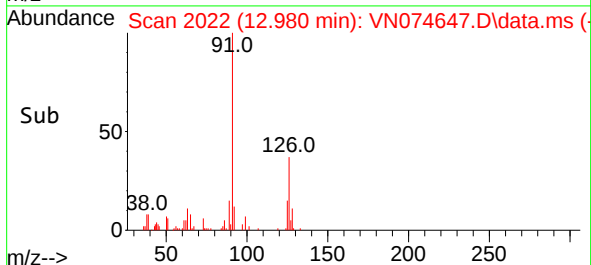
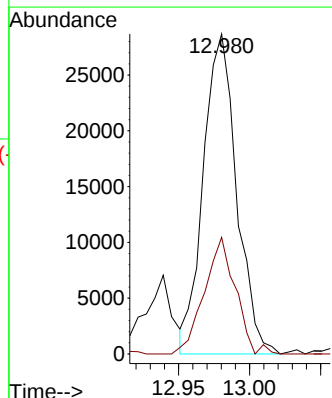
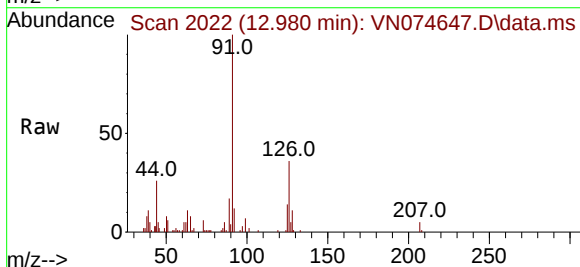
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022DL

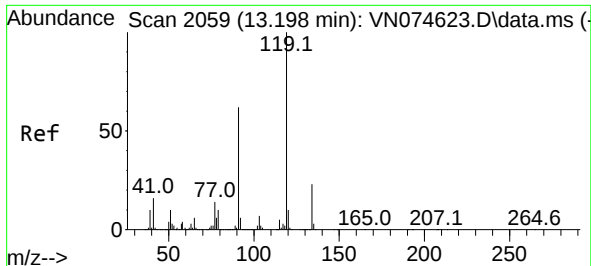
Tgt Ion: 75 Resp: 12158
Ion Ratio Lower Upper
75 100
53 58.2 43.3 129.9
89 32.2 21.1 63.1



#78
4-Chlorotoluene
Concen: 1.659 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 91 Resp: 46740
Ion Ratio Lower Upper
91 100
126 33.4 0.0 67.8

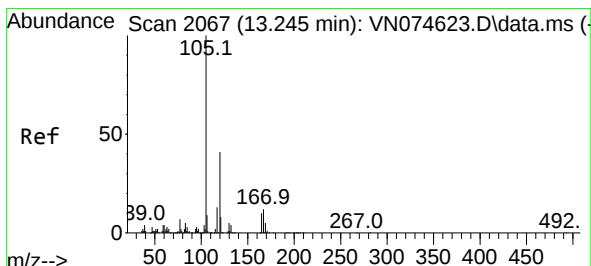
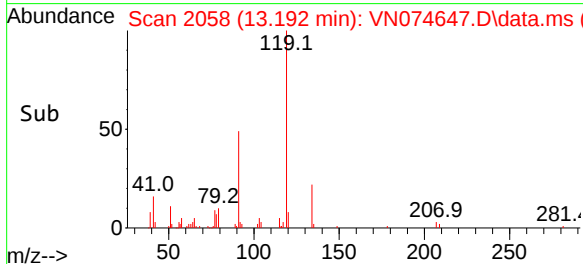
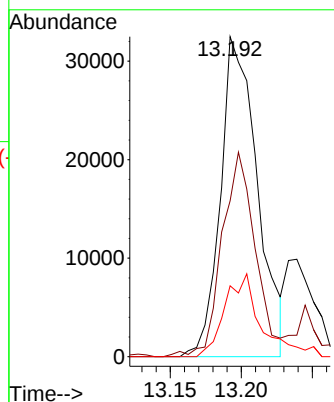
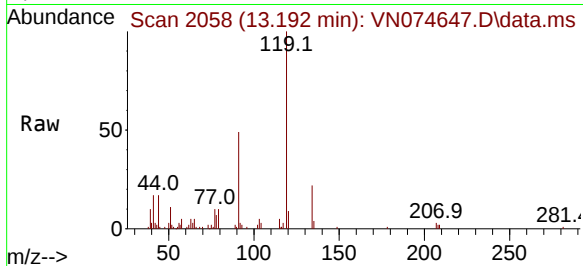




#79
tert-butylbenzene
Concen: 1.933 ug/l
RT: 13.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

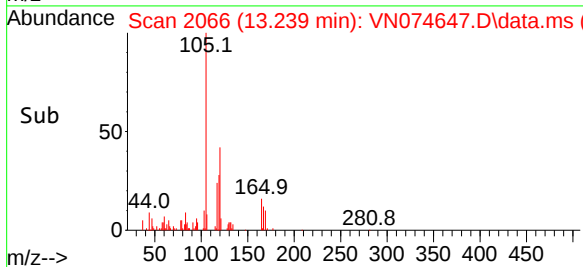
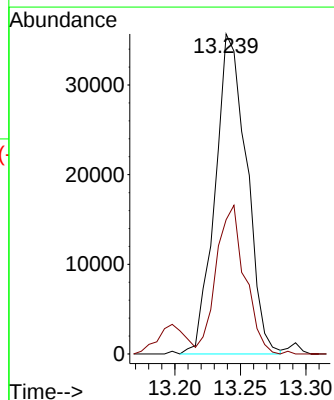
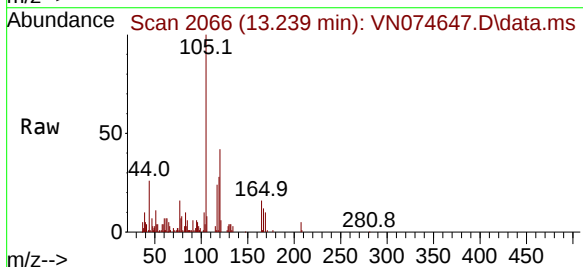
Instrument :
MSVOA_N
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MDL-WATER-03-QT3-2022DL

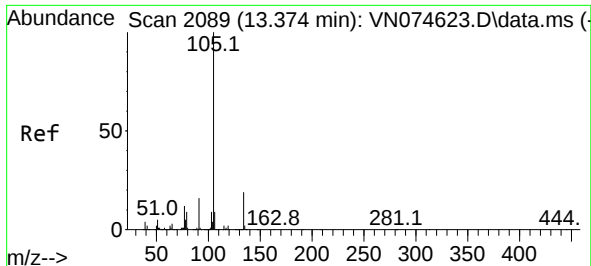
Tgt Ion:119 Resp: 58669
Ion Ratio Lower Upper
119 100
91 56.9 0.0 129.0
134 24.9 0.0 52.2



#80
1,2,4-Trimethylbenzene
Concen: 1.741 ug/l
RT: 13.239 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion:105 Resp: 59651
Ion Ratio Lower Upper
105 100
120 42.2 0.0 93.2

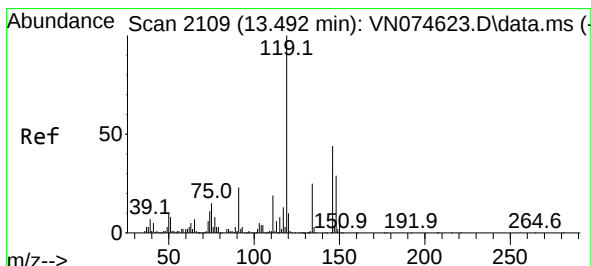
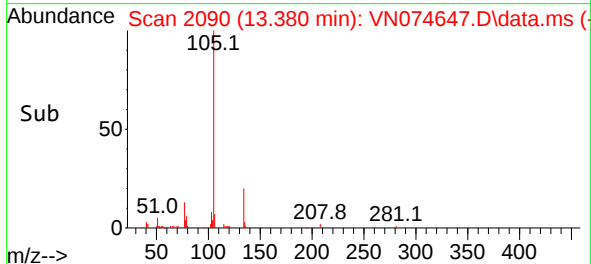
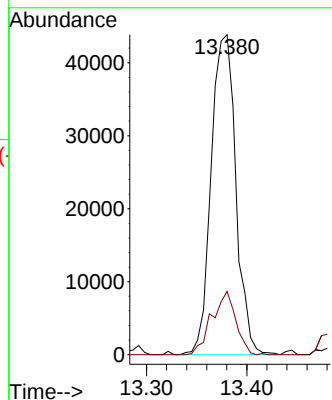
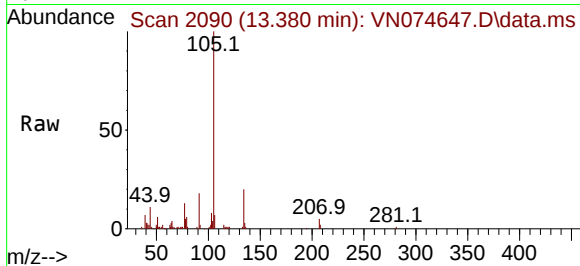




#81
 sec-Butylbenzene
 Concen: 1.744 ug/l
 RT: 13.380 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VN074647.D
 Acq: 28 Sep 2022 14:49

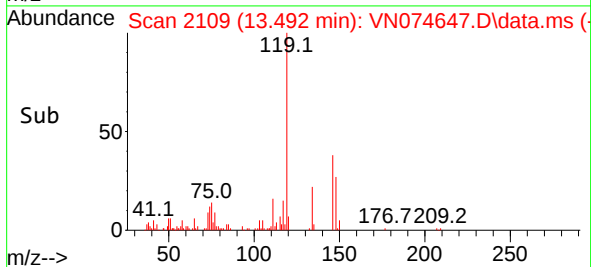
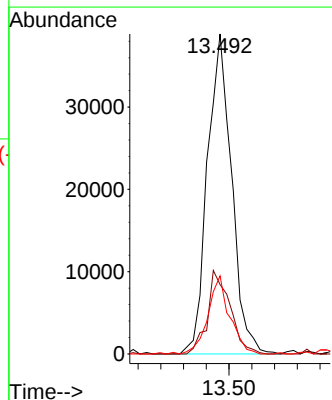
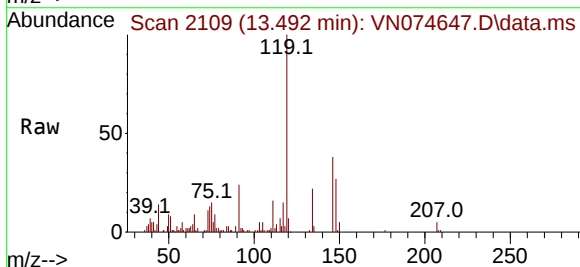
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2022DL

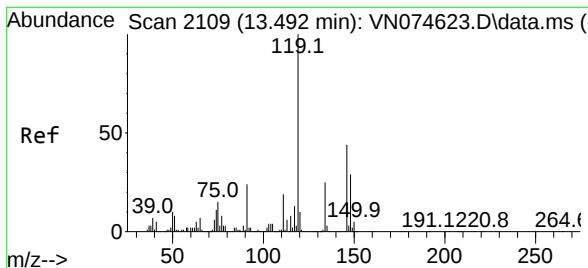
Tgt Ion:105 Resp: 74936
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.8



#82
 p-Isopropyltoluene
 Concen: 1.630 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. 0.000 min
 Lab File: VN074647.D
 Acq: 28 Sep 2022 14:49

Tgt Ion:119 Resp: 57591
 Ion Ratio Lower Upper
 119 100
 134 24.4 0.0 51.4
 91 21.8 0.0 46.8





#83

1,3-Dichlorobenzene

Concen: 1.497 ug/l

RT: 13.486 min Scan# 2109

Delta R.T. -0.006 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

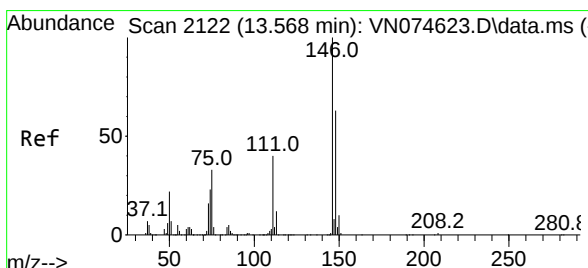
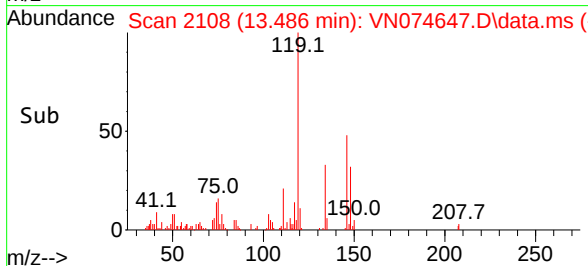
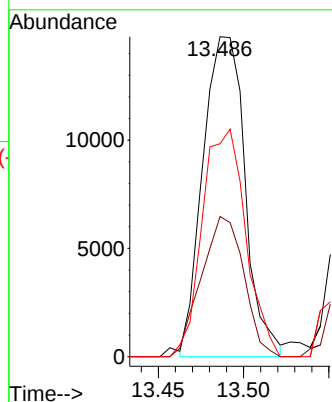
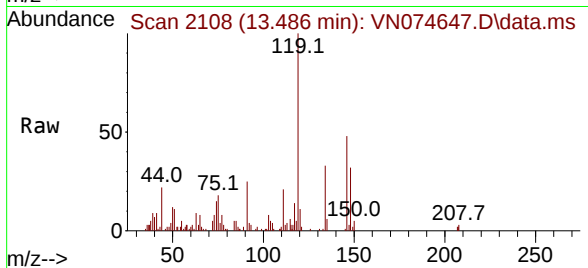
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2022DL

Tgt Ion:146	Resp:	25422
Ion	Ratio	Lower Upper
146	100	
111	44.1	20.5 61.5
148	73.1	31.0 93.0



#84

1,4-Dichlorobenzene

Concen: 1.608 ug/l

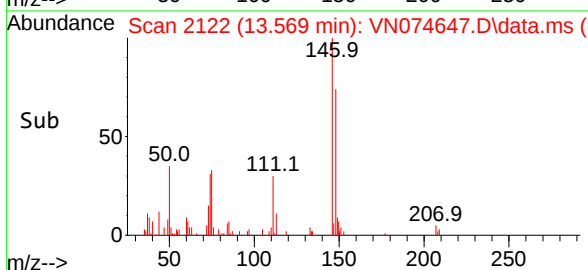
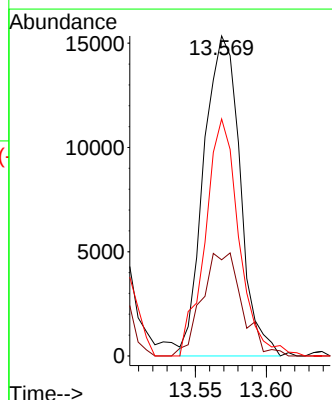
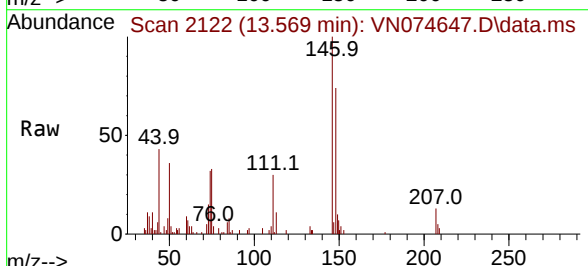
RT: 13.569 min Scan# 2122

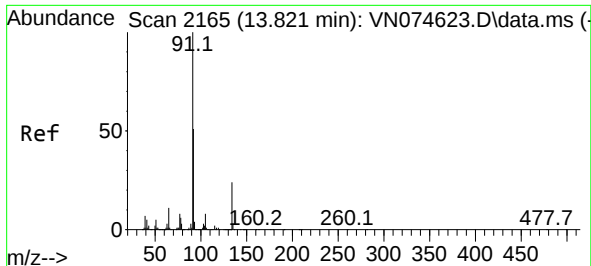
Delta R.T. 0.000 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

Tgt Ion:146	Resp:	27164
Ion	Ratio	Lower Upper
146	100	
111	35.1	19.1 57.5
148	69.3	31.7 95.1

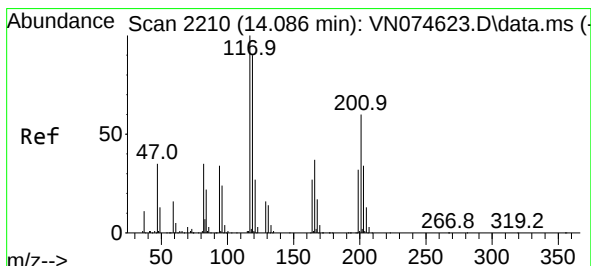
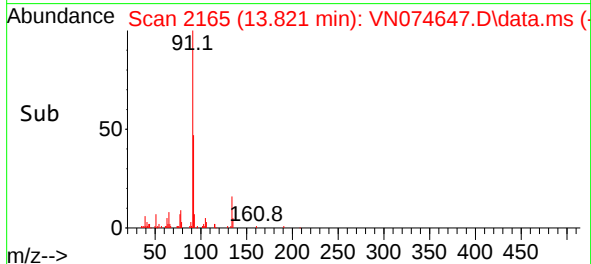
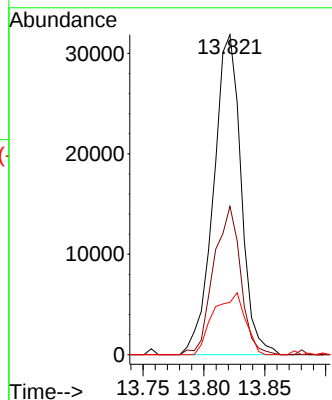
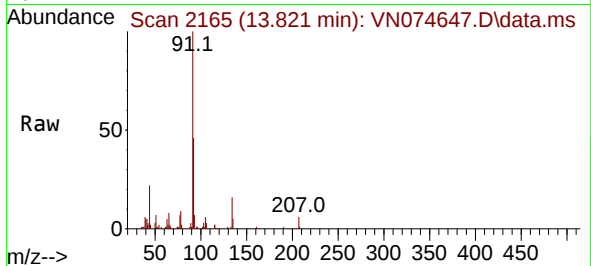




#85
n-Butylbenzene
Concen: 1.664 ug/l
RT: 13.821 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

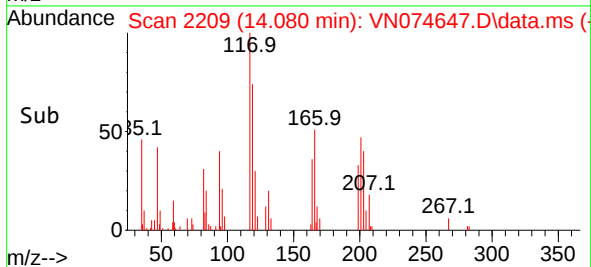
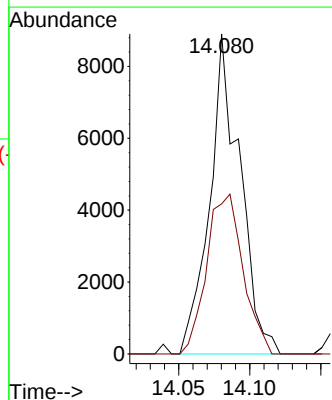
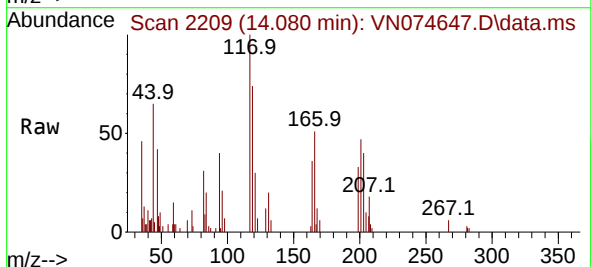
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

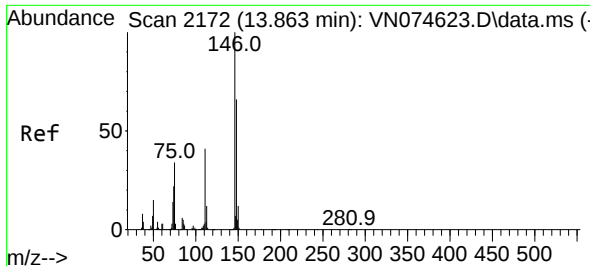
Tgt Ion: 91 Resp: 50172
Ion Ratio Lower Upper
91 100
92 45.3 0.0 105.4
134 22.2 0.0 46.4



#86
Hexachloroethane
Concen: 1.943 ug/l
RT: 14.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 117 Resp: 13229
Ion Ratio Lower Upper
117 100
201 59.8 29.4 88.3





#87

1,2-Dichlorobenzene

Concen: 1.655 ug/l

RT: 13.857 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2022DL

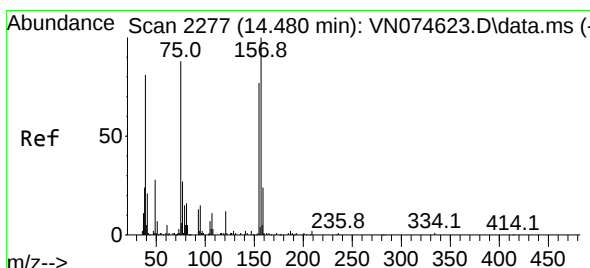
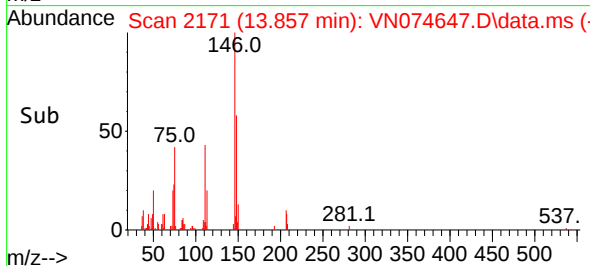
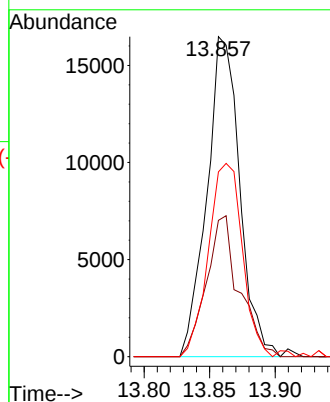
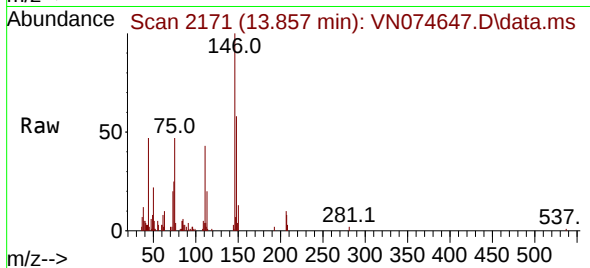
Tgt Ion:146 Resp: 28751

Ion Ratio Lower Upper

146 100

111 43.9 21.4 64.2

148 62.2 30.6 92.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.204 ug/l

RT: 14.474 min Scan# 2276

Delta R.T. -0.006 min

Lab File: VN074647.D

Acq: 28 Sep 2022 14:49

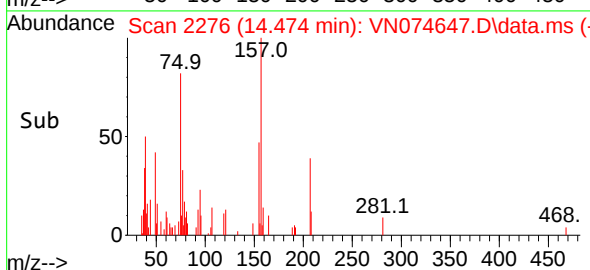
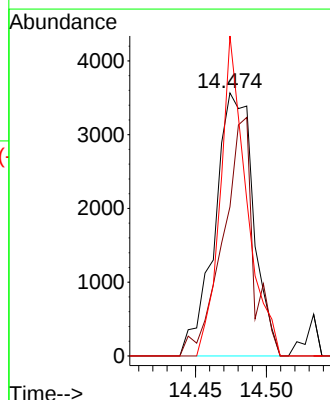
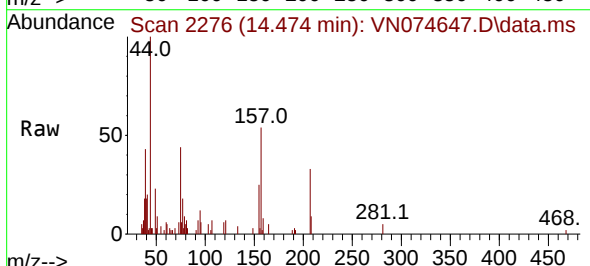
Tgt Ion: 75 Resp: 6741

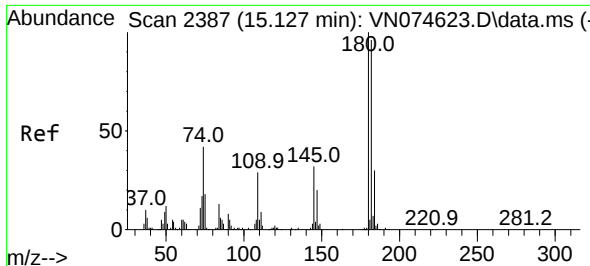
Ion Ratio Lower Upper

75 100

155 64.5 66.3 99.5#

157 82.9 84.3 126.5#

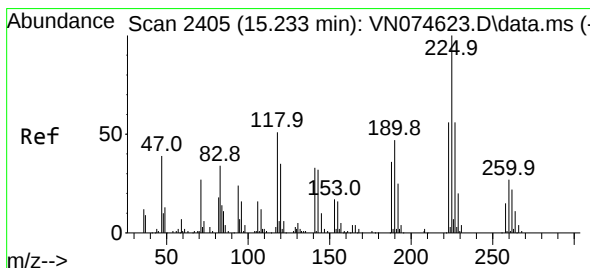
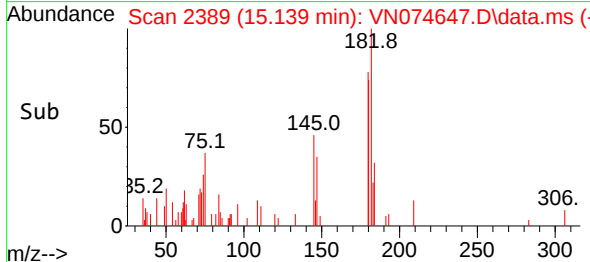
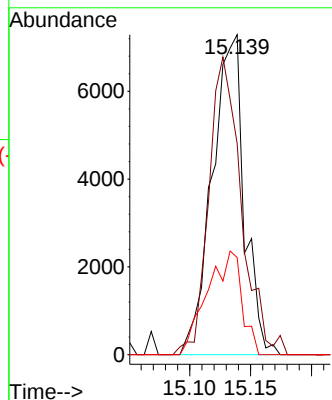
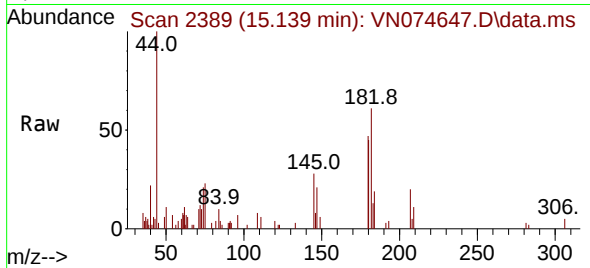




#89
1,2,4-Trichlorobenzene
Concen: 1.849 ug/l
RT: 15.139 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

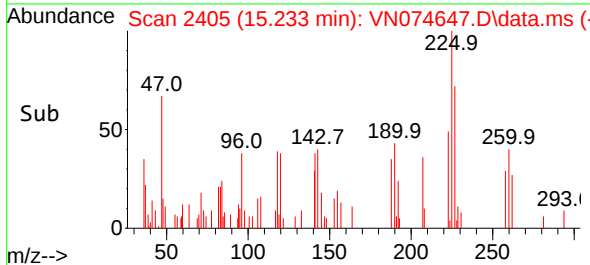
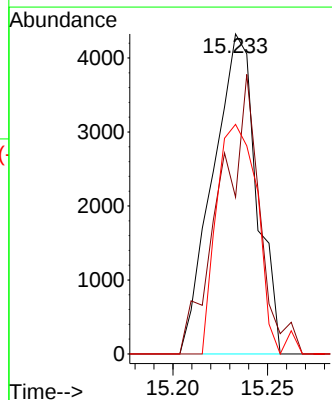
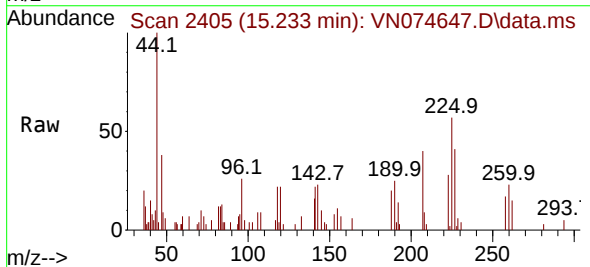
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

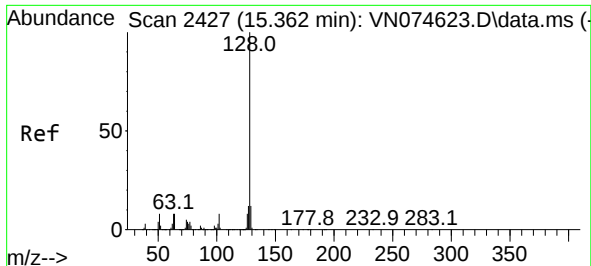
Tgt Ion:180 Resp: 13404
Ion Ratio Lower Upper
180 100
182 90.8 74.9 112.3
145 35.0 26.3 39.5



#90
Hexachlorobutadiene
Concen: 2.170 ug/l
RT: 15.233 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion:225 Resp: 6930
Ion Ratio Lower Upper
225 100
223 40.8 0.0 125.0
227 66.5 0.0 123.0

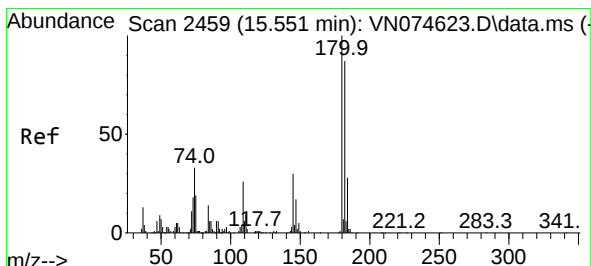
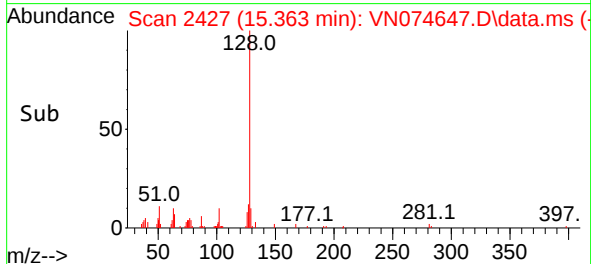
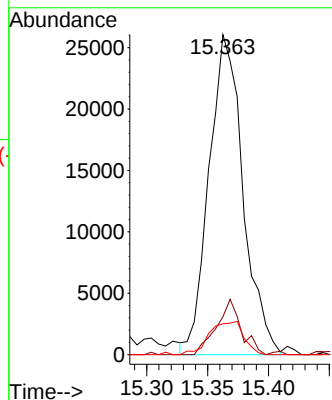
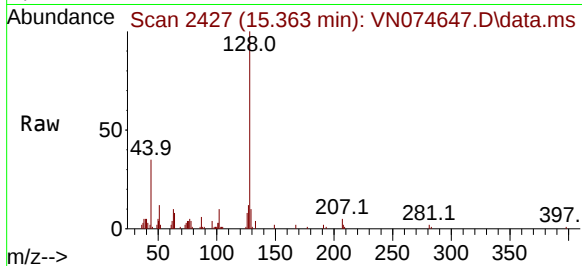




#91
Naphthalene
Concen: 1.667 ug/l
RT: 15.363 min Scan# 2427
Delta R.T. 0.000 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022DL

Tgt Ion:	128	Resp:	50698
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.7	16.1
129	10.5	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 1.733 ug/l
RT: 15.557 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VN074647.D
Acq: 28 Sep 2022 14:49

Tgt Ion:	180	Resp:	12596
Ion Ratio	Lower	Upper	
180	100		
182	89.9	0.0	185.4
145	18.1	0.0	68.6

