

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092822\
 Data File : VN074648.D
 Acq On : 28 Sep 2022 15:13
 Operator : JC\MD
 Sample : N3980-09 4.0 PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 28 15:55:48 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	7.498	128	92500	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.827	114	563225	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.621	117	498943	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	282980	32.445	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.167%	
60) 4-Bromofluorobenzene	12.610	95	253678	26.175	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 87.233%	
63) Toluene-d8	10.310	98	860928	30.591	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.967%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.999	85	27504	5.060	ug/l	98
3) Chloromethane	2.216	50	47903	6.001	ug/l	91
4) Vinyl Chloride	2.357	62	65369	6.396	ug/l	91
5) Bromomethane	2.722	94	47889	7.270	ug/l	99
6) Chloroethane	2.887	64	139033m	19.246	ug/l	
7) Trichlorofluoromethane	3.245	101	47510	5.005	ug/l	83
8) Diethyl Ether	3.675	74	23294	4.652	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.034	101	31777m	5.222	ug/l	
10) 1,1-Dichloroethene	4.010	96	33160m	5.285	ug/l	
11) Methyl Iodide	4.263	142	34651m	4.312	ug/l	
12) Methyl Acetate	4.669	43	66346	4.939	ug/l	95
13) Acrolein	3.887	56	34436m	31.493	ug/l	
14) Acrylonitrile	5.363	53	130838	24.027	ug/l #	89
15) Acetone	4.128	58	36801	25.731	ug/l	96
16) Carbon Disulfide	4.351	76	78196	4.434	ug/l	97
17) Allyl chloride	4.663	41	65548	5.123	ug/l	88
18) Methylene Chloride	4.898	84	45063m	5.633	ug/l	
19) trans-1,2-Dichloroethene	5.410	96	35413m	4.994	ug/l	
20) Diisopropyl ether	6.310	45	136751	4.886	ug/l #	96
21) 1,1-Dichloroethane	6.204	63	68806m	4.868	ug/l	
22) cis-1,2-Dichloroethene	7.151	96	38900	4.546	ug/l	99
23) tert-Butyl Alcohol	5.181	59	72686m	32.417	ug/l	
24) Methyl tert-Butyl Ether	5.416	73	116989	4.499	ug/l #	91
25) Chloroform	7.663	83	60138	4.292	ug/l	94
26) Cyclohexane	7.939	56	60034	4.723	ug/l #	55
29) 1,1-Dichloropropene	8.069	75	43067	4.094	ug/l	96
30) 2-Butanone	7.169	43	190109	23.687	ug/l #	98
31) 2,2-Dichloropropane	7.151	77	62367	4.966	ug/l #	82
32) 1,1,1-Trichloroethane	7.851	97	55356	4.454	ug/l	95
33) Carbon Tetrachloride	8.045	117	43526	4.188	ug/l	96
34) Benzene	8.304	78	147061	4.223	ug/l #	58
35) Methacrylonitrile	7.469	41	42026m	5.504	ug/l	
36) 1,2-Dichloroethane	8.375	62	51590	4.537	ug/l #	79
37) Trichloroethene	9.080	130	33050	4.469	ug/l	95
38) Methylcyclohexane	9.316	83	53307	3.915	ug/l	81
39) 1,2-Dichloropropane	9.357	63	43018m	4.665	ug/l	
40) Dibromomethane	9.445	93	23385	3.931	ug/l	95
41) Bromodichloromethane	9.627	83	48363	4.089	ug/l #	98
42) Vinyl Acetate	6.239	43	582432m	22.325	ug/l	

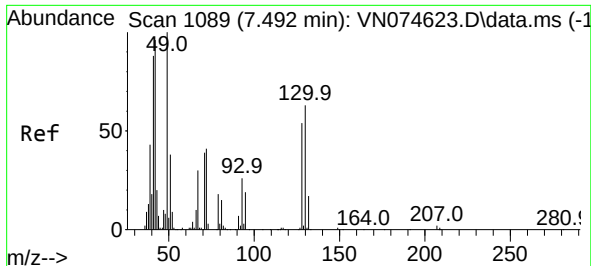
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.239	43	77467	4.983	ug/l #	78
44) Isopropyl Acetate	8.416	43	111243	4.407	ug/l	98
45) 1,4-Dioxane	9.433	88	19649	91.215	ug/l #	69
46) Methyl methacrylate	9.422	41	46339	4.407	ug/l	96
47) n-amyl Acetate	12.268	43	92312	3.995	ug/l	98
48) t-1,3-Dichloropropene	10.598	75	56078m	3.906	ug/l	
49) cis-1,3-Dichloropropene	10.063	75	61096	4.089	ug/l #	87
50) 1,1,2-Trichloroethane	10.769	97	34968	4.043	ug/l #	82
51) Ethyl methacrylate	10.639	69	63167	3.895	ug/l	92
52) 1,3-Dichloropropane	10.916	76	62845	4.099	ug/l	93
53) Dibromochloromethane	11.116	129	33494	3.664	ug/l	99
54) 1,2-Dibromoethane	11.221	107	36168	4.042	ug/l	98
55) 2-Chloroethyl vinyl ether	9.916	63	141928	22.549	ug/l	100
56) Bromoform	12.327	173	23089	3.231	ug/l	99
58) 4-Methyl-2-Pentanone	10.204	43	380648	24.583	ug/l	95
59) 2-Hexanone	10.963	43	287617	23.983	ug/l	96
61) Tetrachloroethene	10.845	164	23565	4.234	ug/l #	86
62) Toluene	10.374	91	158946	4.351	ug/l	96
64) Chlorobenzene	11.645	112	89142	4.258	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.716	131	32955	4.190	ug/l	98
66) Ethyl Benzene	11.721	91	158902	4.096	ug/l	90
67) m/p-Xylenes	11.827	106	120765	7.753	ug/l	94
68) o-Xylene	12.157	106	58746	3.704	ug/l	95
69) Styrene	12.168	104	89762	3.364	ug/l	96
70) Isopropylbenzene	12.457	105	149330	3.691	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.704	83	61502	4.282	ug/l	95
72) 1,2,3-Trichloropropane	12.757	75	53059m	4.880	ug/l	
73) Bromobenzene	12.739	156	30297	3.726	ug/l	97
74) n-propylbenzene	12.798	91	163607	3.588	ug/l	99
75) 2-Chlorotoluene	12.880	91	98776	3.571	ug/l	100
76) 1,3,5-Trimethylbenzene	12.939	105	117674	3.449	ug/l	99
77) t-1,4-Dichloro-2-butene	12.498	75	19375	3.440	ug/l	95
78) 4-Chlorotoluene	12.980	91	87880	3.171	ug/l	97
79) tert-butylbenzene	13.198	119	100498	3.367	ug/l	98
80) 1,2,4-Trimethylbenzene	13.245	105	112243	3.331	ug/l	98
81) sec-Butylbenzene	13.374	105	141663	3.353	ug/l	95
82) p-Isopropyltoluene	13.492	119	104216	2.998	ug/l	99
83) 1,3-Dichlorobenzene	13.486	146	50451	3.020	ug/l	91
84) 1,4-Dichlorobenzene	13.568	146	50528	3.041	ug/l	96
85) n-Butylbenzene	13.815	91	89048	3.003	ug/l	98
86) Hexachloroethane	14.080	117	25183	3.761	ug/l	98
87) 1,2-Dichlorobenzene	13.862	146	55247	3.233	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.480	75	11430	3.800	ug/l	95
89) 1,2,4-Trichlorobenzene	15.127	180	23514	3.299	ug/l	97
90) Hexachlorobutadiene	15.233	225	12310	3.919	ug/l	93
91) Naphthalene	15.368	128	96240	3.218	ug/l #	95
92) 1,2,3-Trichlorobenzene	15.556	180	23964	3.353	ug/l	100

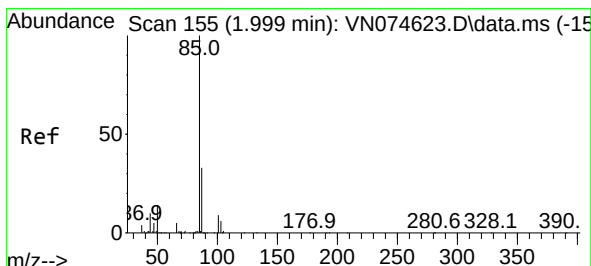
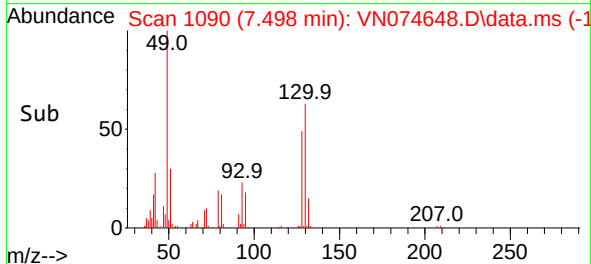
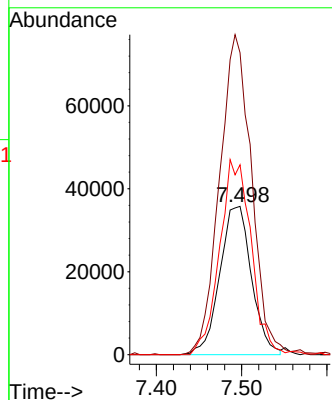
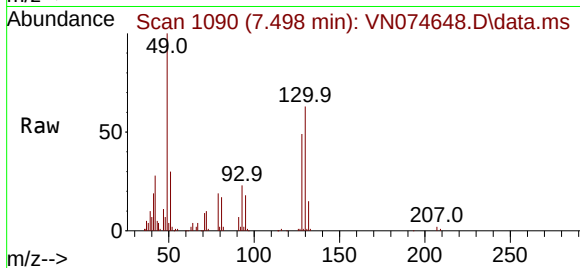
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.498 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

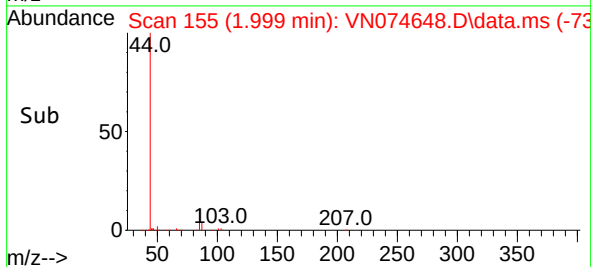
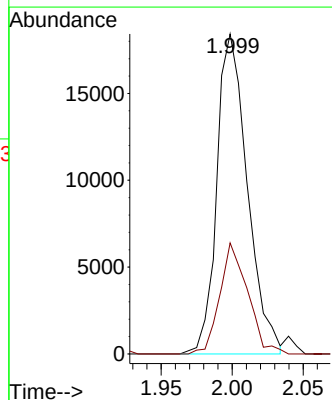
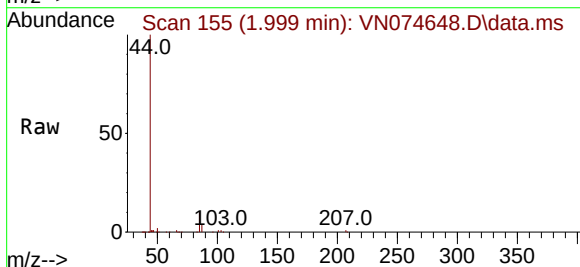
Instrument :
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MDL-WATER-03-QT3-2022

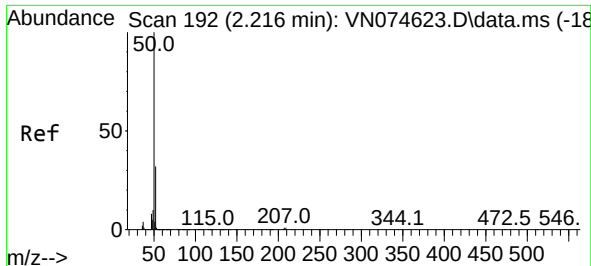
Tgt Ion:128 Resp: 92500
Ion Ratio Lower Upper
128 100
49 216.7 0.0 492.0
130 130.2 0.0 313.3



#2
Dichlorodifluoromethane
Concen: 5.060 ug/l
RT: 1.999 min Scan# 155
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 85 Resp: 27504
Ion Ratio Lower Upper
85 100
87 34.7 16.7 50.1

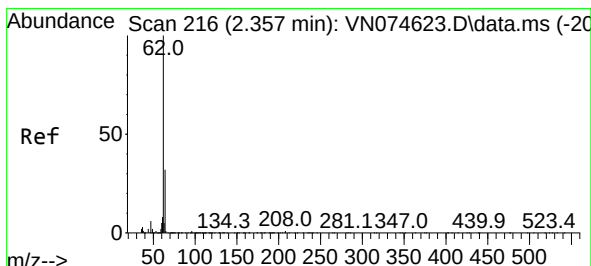
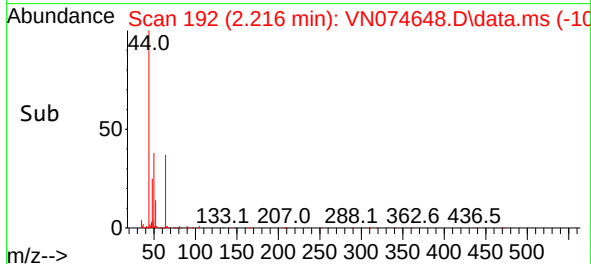
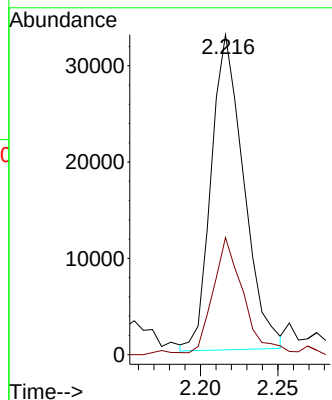
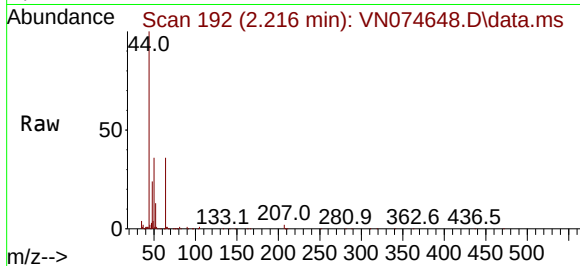




#3
Chloromethane
Concen: 6.001 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

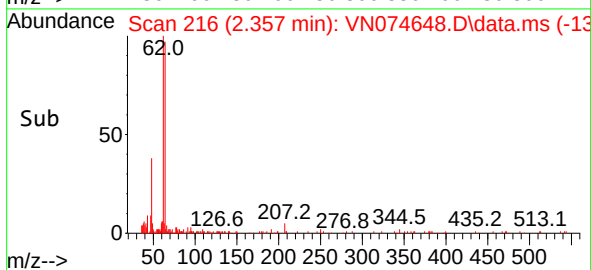
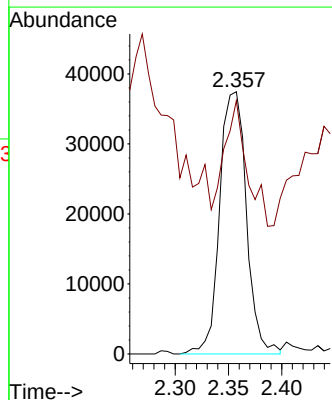
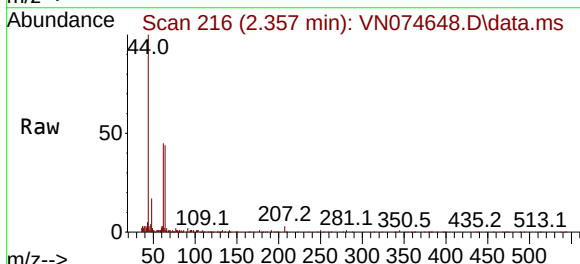
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ClientSampleId : MDL-WATER-03-QT3-2022

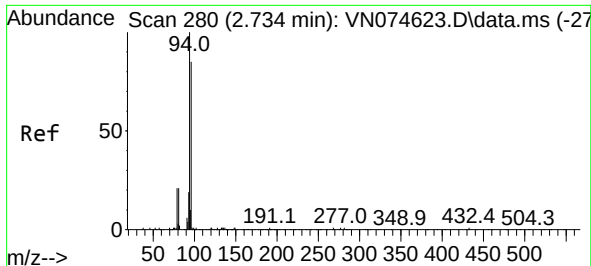
Tgt Ion: 50 Resp: 47903
Ion Ratio Lower Upper
50 100
52 37.1 25.5 38.3



#4
Vinyl Chloride
Concen: 6.396 ug/l
RT: 2.357 min Scan# 216
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 62 Resp: 65369
Ion Ratio Lower Upper
62 100
64 37.2 25.6 38.4

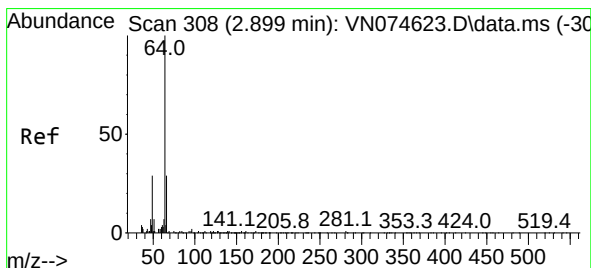
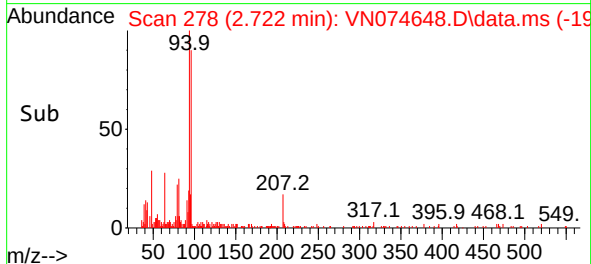
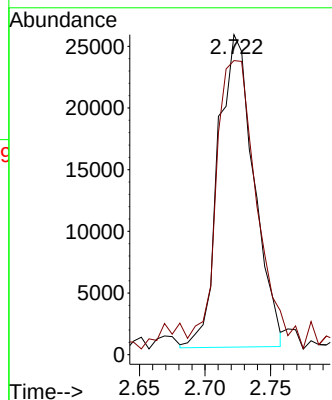
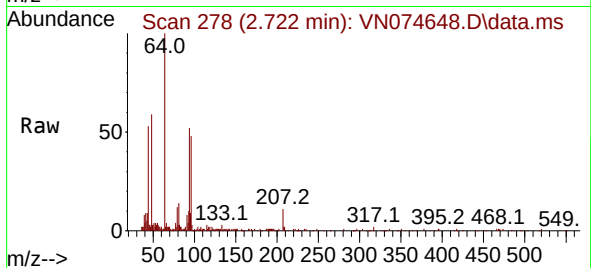




#5
Bromomethane
Concen: 7.270 ug/l
RT: 2.722 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

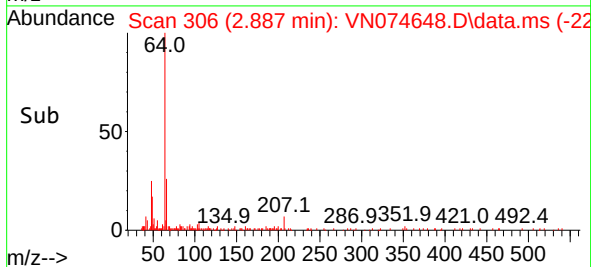
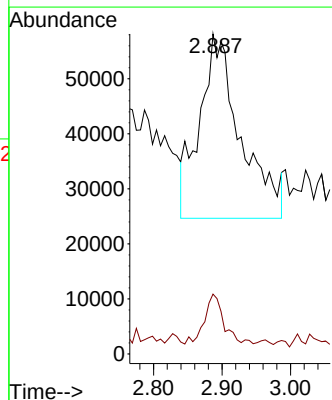
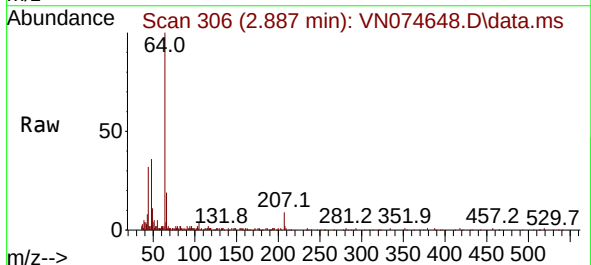
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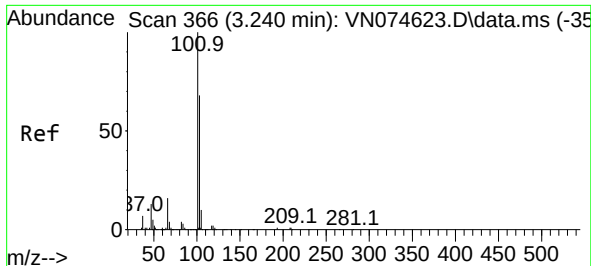
Tgt Ion: 94 Resp: 47889
Ion Ratio Lower Upper
94 100
96 84.6 68.3 102.5



#6
Chloroethane
Concen: 19.246 ug/l m
RT: 2.887 min Scan# 306
Delta R.T. -0.012 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 64 Resp: 139033
Ion Ratio Lower Upper
64 100
66 18.7 21.8 32.8#

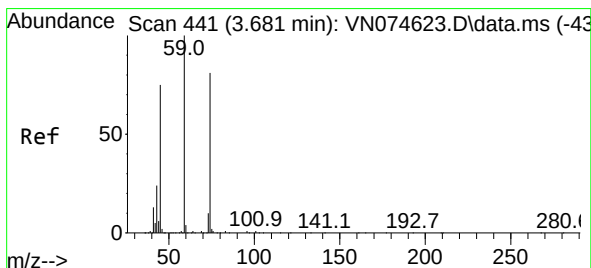
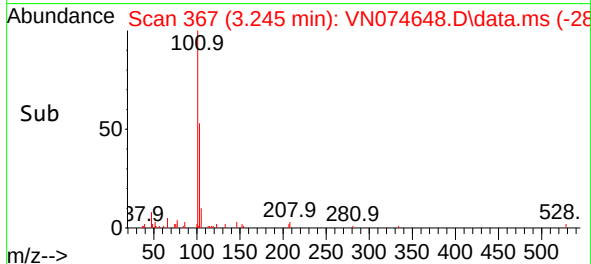
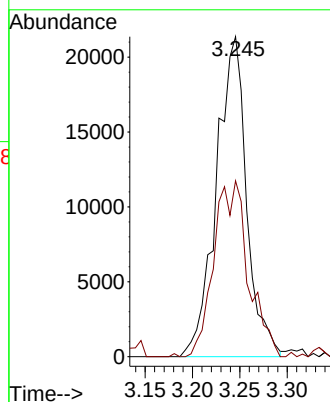
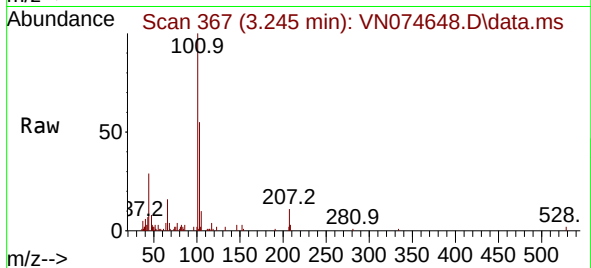




#7
 Trichlorofluoromethane
 Concen: 5.005 ug/l
 RT: 3.245 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

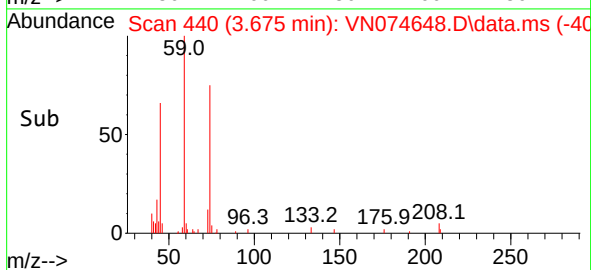
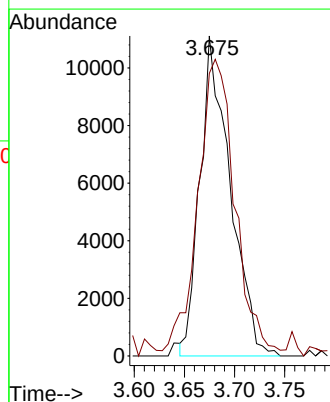
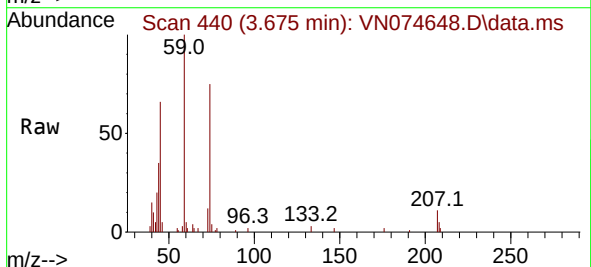
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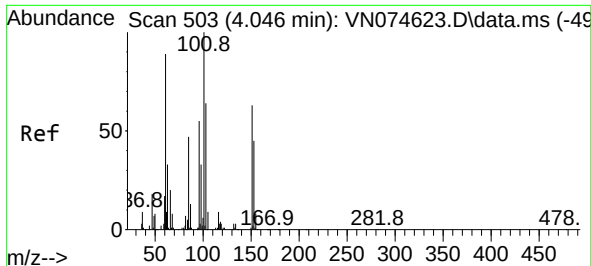
Tgt Ion:101 Resp: 47510
 Ion Ratio Lower Upper
 101 100
 103 55.0 54.8 82.2



#8
 Diethyl Ether
 Concen: 4.652 ug/l
 RT: 3.675 min Scan# 440
 Delta R.T. -0.006 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

Tgt Ion: 74 Resp: 23294
 Ion Ratio Lower Upper
 74 100
 45 110.9 19.0 171.0

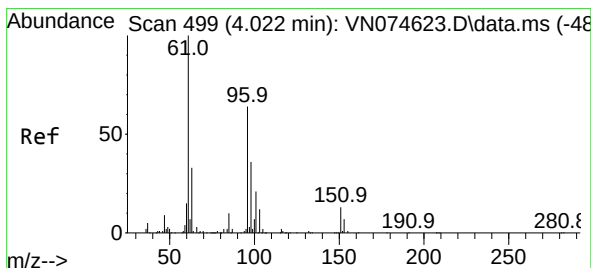
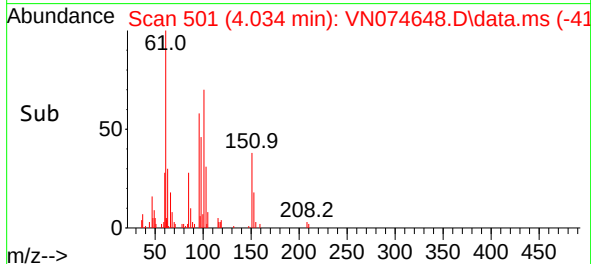
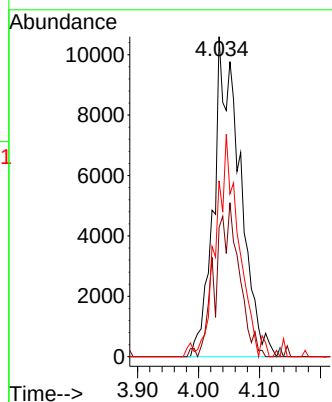
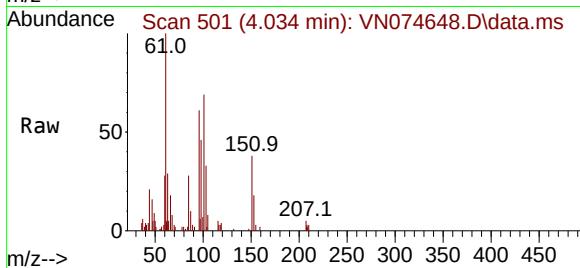




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.222 ug/l m
 RT: 4.034 min Scan# 503
 Delta R.T. -0.012 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

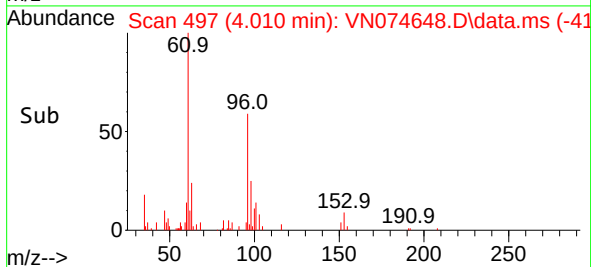
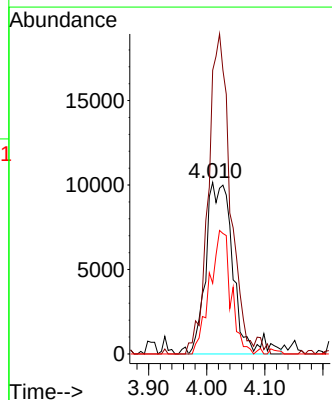
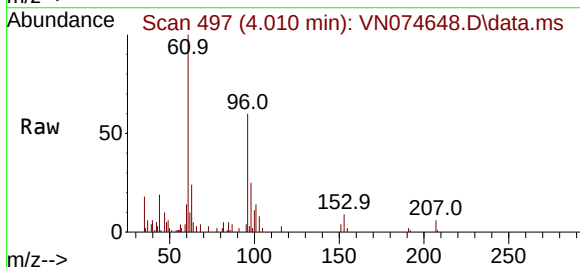
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2022

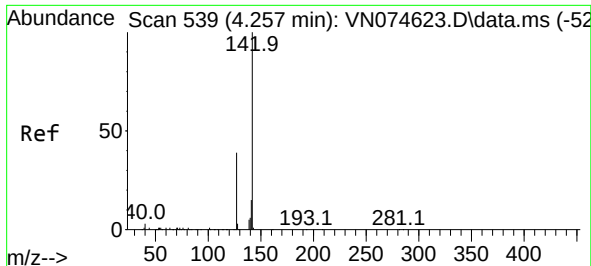
Tgt Ion:101 Resp: 31777
 Ion Ratio Lower Upper
 101 100
 85 9.4 0.0 94.6
 151 58.7 0.0 144.8



#10
 1,1-Dichloroethene
 Concen: 5.285 ug/l m
 RT: 4.010 min Scan# 497
 Delta R.T. -0.012 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

Tgt Ion: 96 Resp: 33160
 Ion Ratio Lower Upper
 96 100
 61 165.4 125.5 188.3
 98 41.2 45.0 67.4#

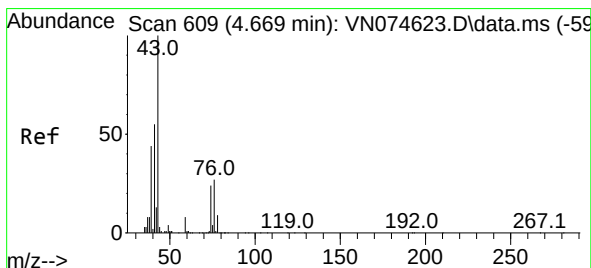
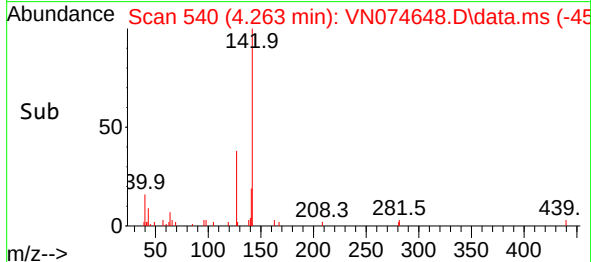
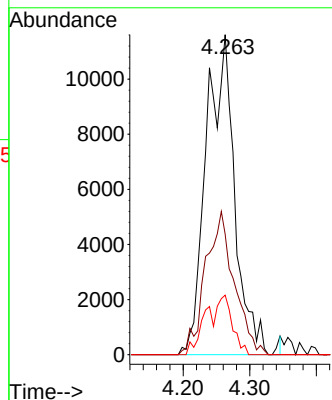
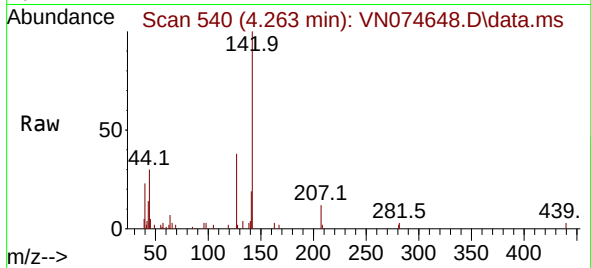




#11
Methyl Iodide
Concen: 4.312 ug/l m
RT: 4.263 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

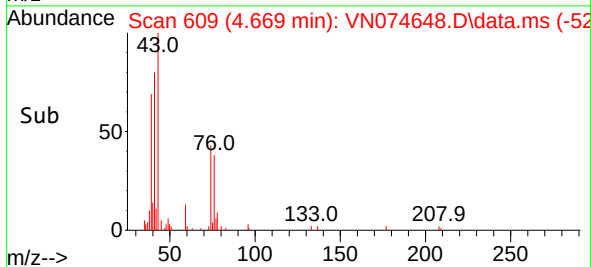
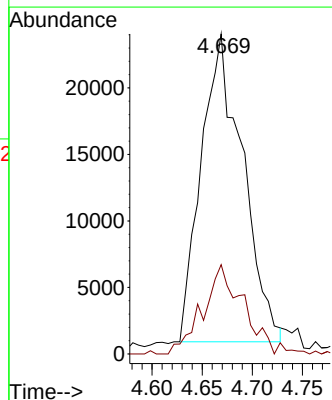
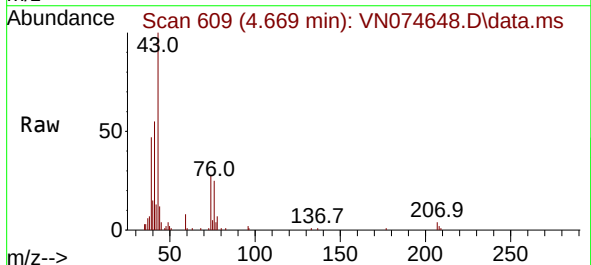
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

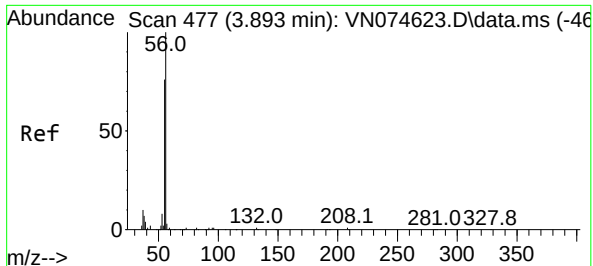
Tgt Ion:142 Resp: 34651
Ion Ratio Lower Upper
142 100
127 37.6 19.3 57.8
141 18.6 7.7 23.1



#12
Methyl Acetate
Concen: 4.939 ug/l
RT: 4.669 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 43 Resp: 66346
Ion Ratio Lower Upper
43 100
74 26.1 19.0 28.6

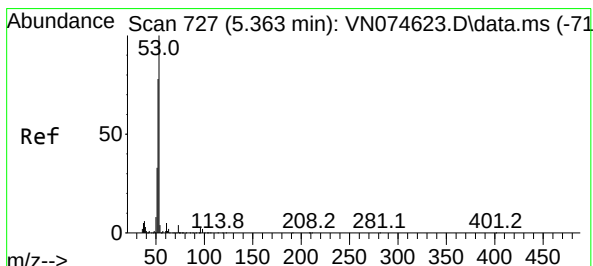
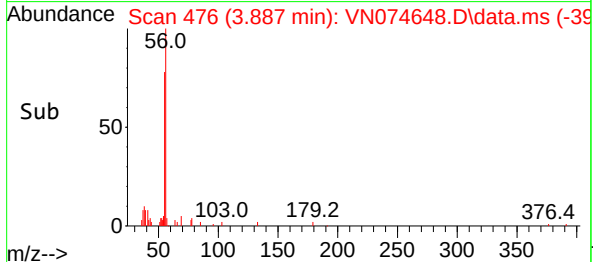
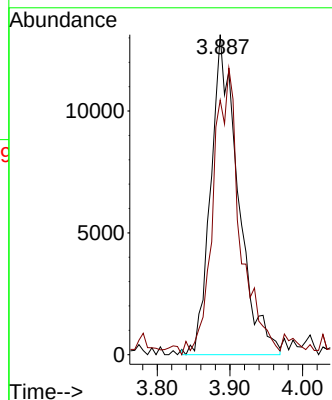
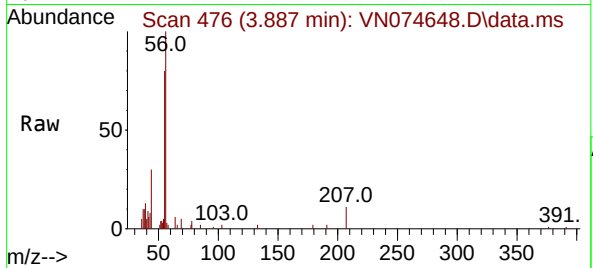




#13
Acrolein
Concen: 31.493 ug/l m
RT: 3.887 min Scan# 476
Delta R.T. -0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

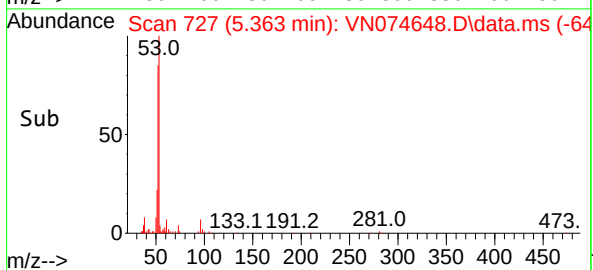
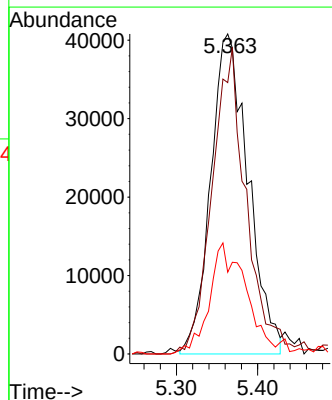
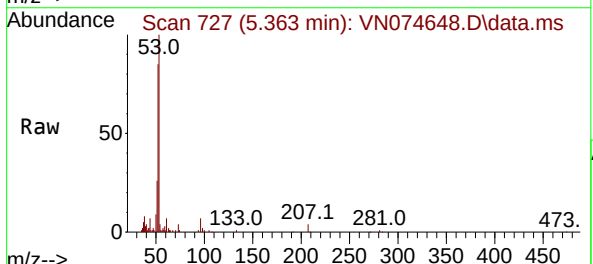
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

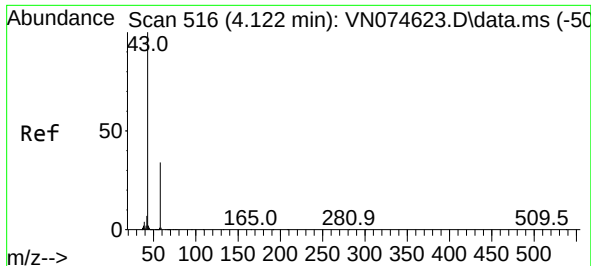
Tgt Ion: 56 Resp: 34436
Ion Ratio Lower Upper
56 100
55 1.3 56.2 84.2#



#14
Acrylonitrile
Concen: 24.027 ug/l
RT: 5.363 min Scan# 727
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 53 Resp: 130838
Ion Ratio Lower Upper
53 100
52 83.8 40.8 122.4
51 15.1 17.0 51.0#

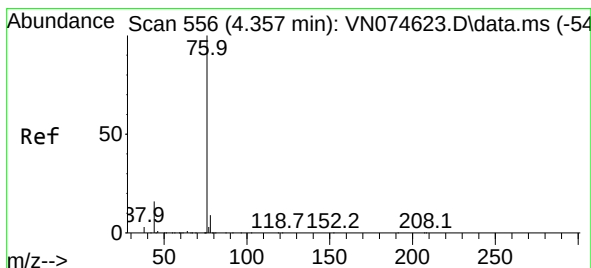
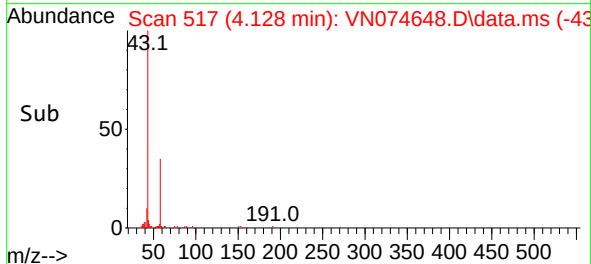
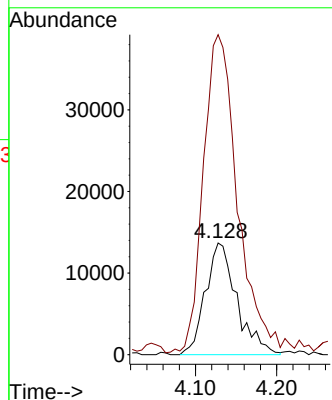
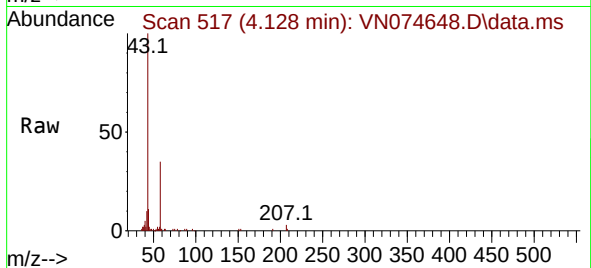




#15
Acetone
Concen: 25.731 ug/l
RT: 4.128 min Scan# 516
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

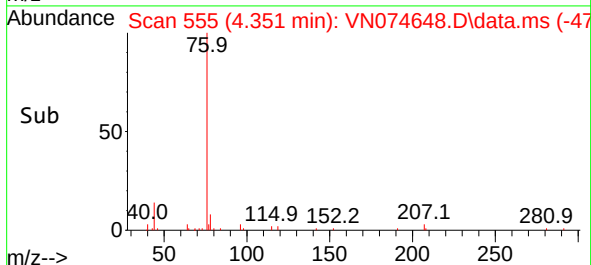
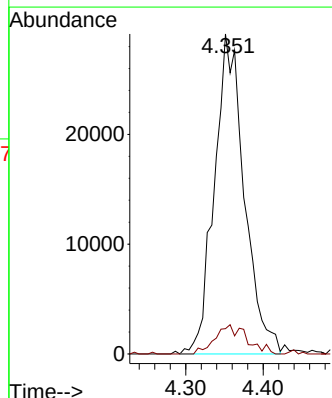
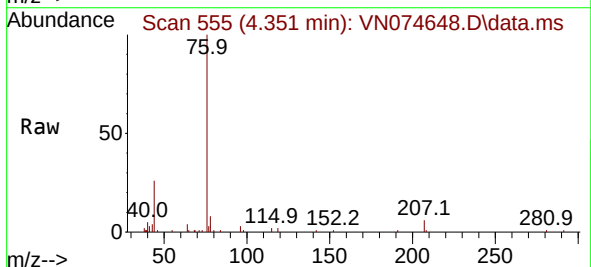
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

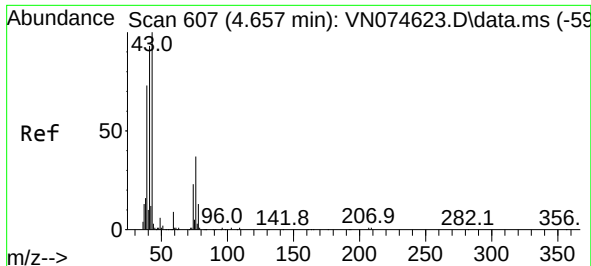
Tgt Ion: 58 Resp: 36801
Ion Ratio Lower Upper
58 100
43 283.2 232.2 348.4



#16
Carbon Disulfide
Concen: 4.434 ug/l
RT: 4.351 min Scan# 555
Delta R.T. -0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 76 Resp: 78196
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8





#17

Allyl chloride

Concen: 5.123 ug/l

RT: 4.663 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2022

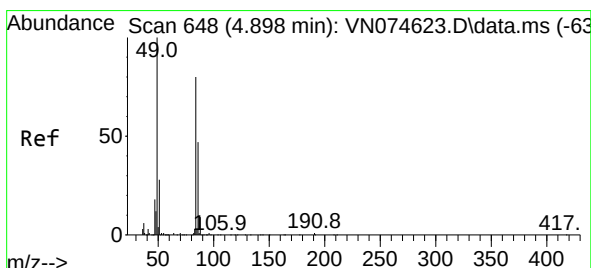
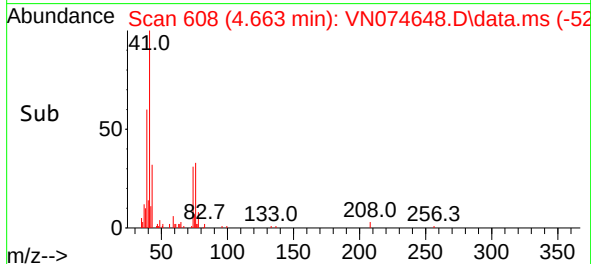
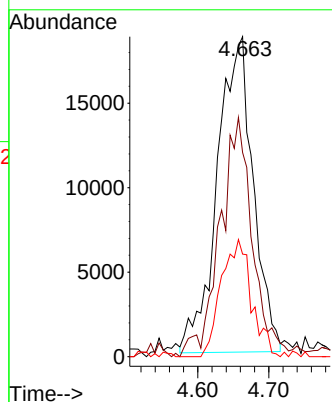
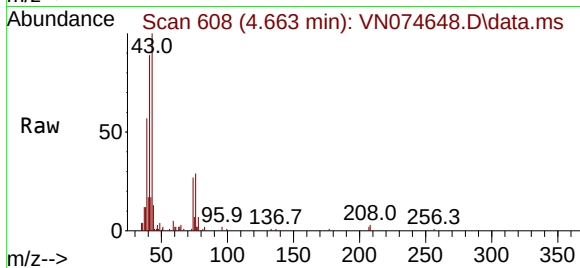
Tgt Ion: 41 Resp: 65548

Ion Ratio Lower Upper

41 100

39 65.8 39.1 117.5

76 35.1 19.8 59.4



#18

Methylene Chloride

Concen: 5.633 ug/l m

RT: 4.898 min Scan# 648

Delta R.T. -0.000 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

Tgt Ion: 84 Resp: 45063

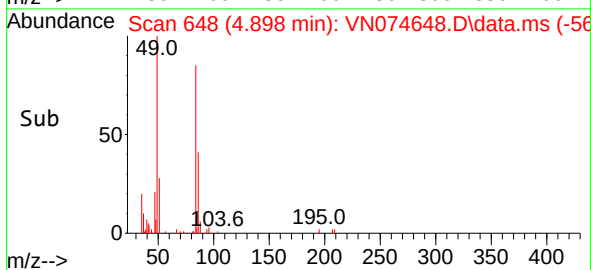
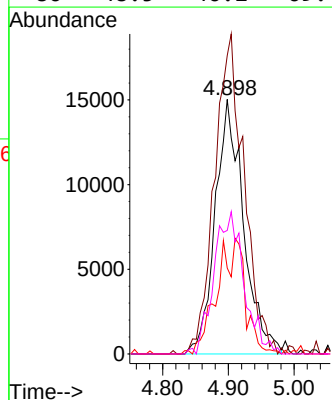
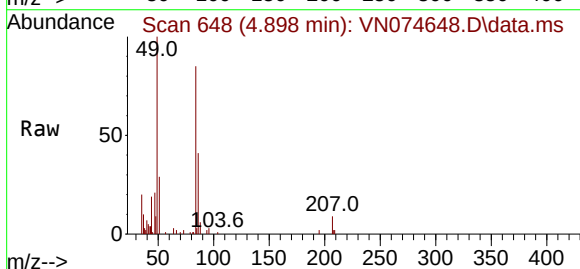
Ion Ratio Lower Upper

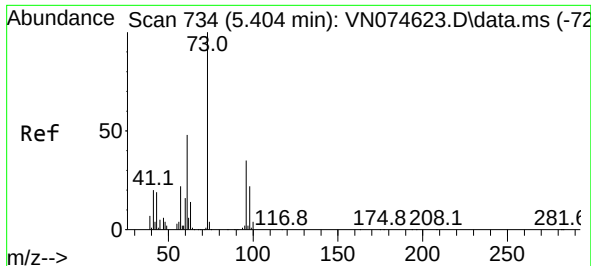
84 100

49 117.3 99.6 149.4

51 33.8 28.2 42.2

86 48.5 46.2 69.4

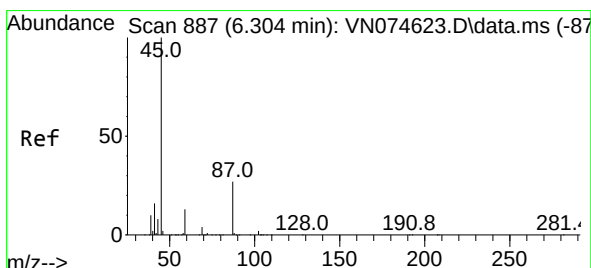
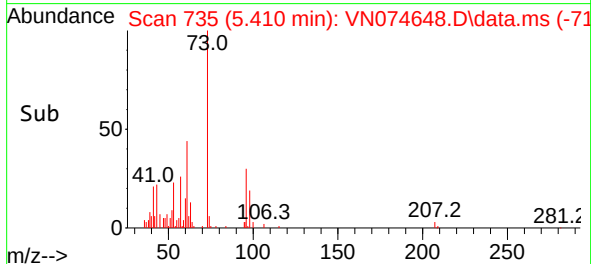
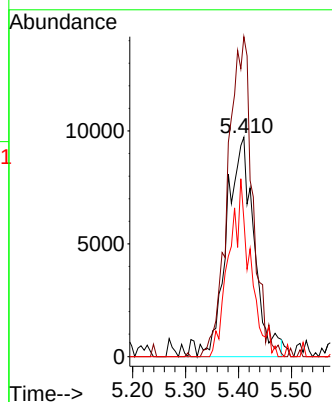
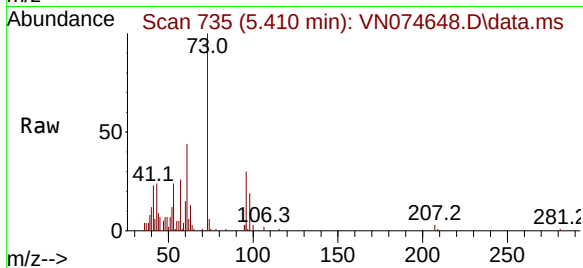




#19
trans-1,2-Dichloroethene
Concen: 4.994 ug/l m
RT: 5.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

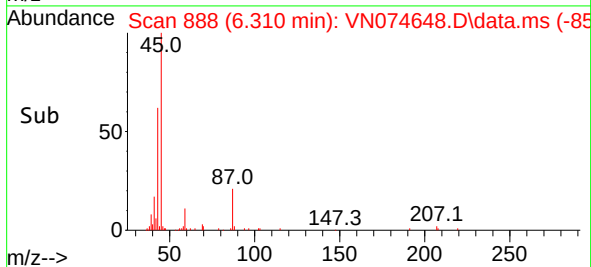
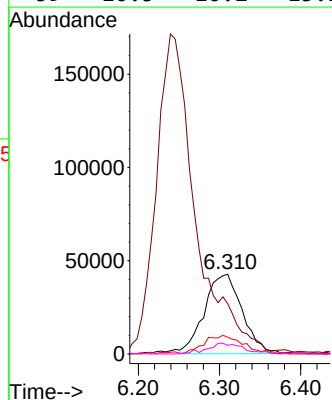
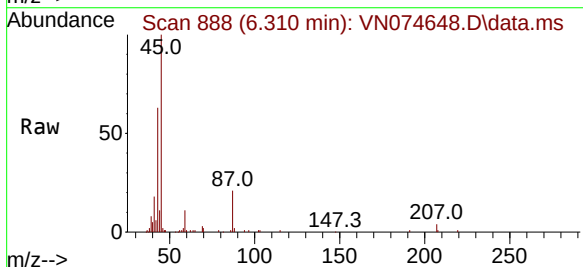
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

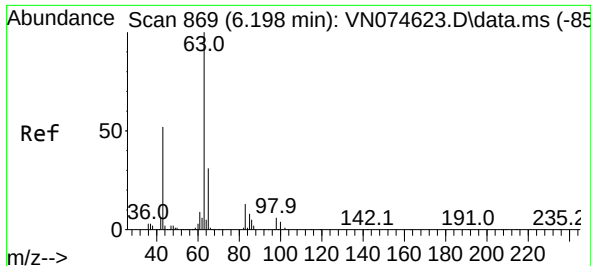
Tgt Ion: 96 Resp: 35413
Ion Ratio Lower Upper
96 100
61 145.9 110.2 165.4
98 62.4 50.0 75.0



#20
Diisopropyl ether
Concen: 4.886 ug/l
RT: 6.310 min Scan# 888
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 45 Resp: 136751
Ion Ratio Lower Upper
45 100
43 59.2 47.3 70.9
87 21.3 21.8 32.8#
59 10.5 10.2 15.2

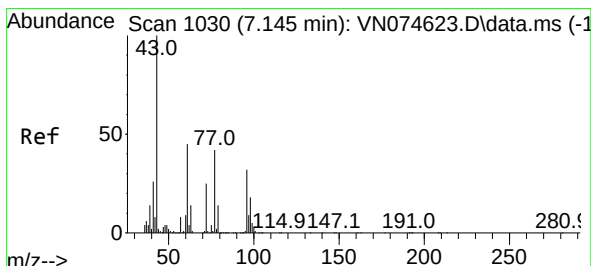
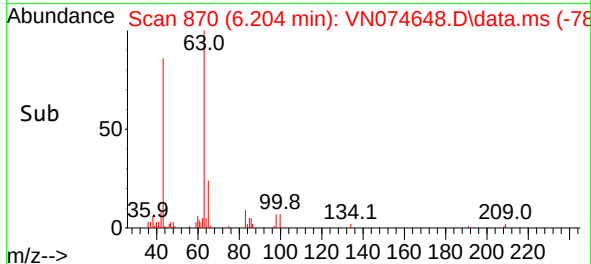
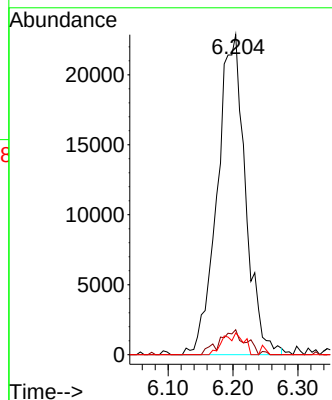
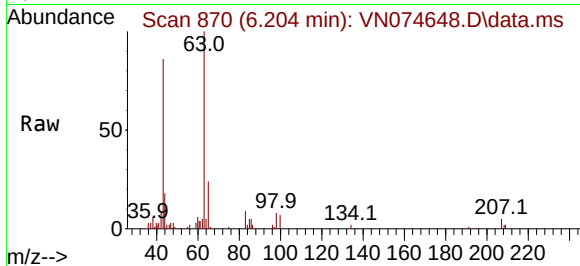




#21
1,1-Dichloroethane
Concen: 4.868 ug/l m
RT: 6.204 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

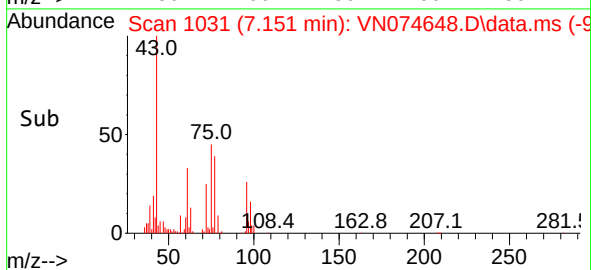
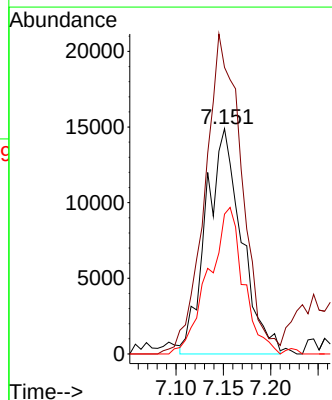
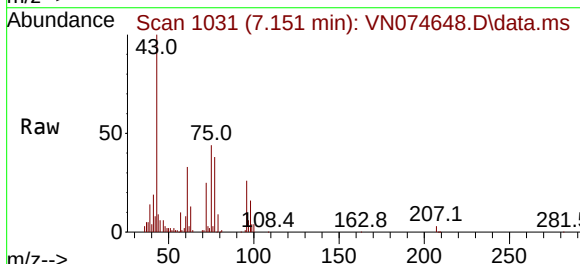
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

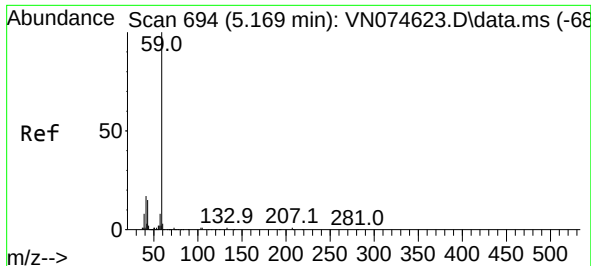
Tgt Ion: 63 Resp: 68806
Ion Ratio Lower Upper
63 100
98 7.8 3.3 9.9
100 6.8 2.2 6.6#



#22
cis-1,2-Dichloroethene
Concen: 4.546 ug/l
RT: 7.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 96 Resp: 38900
Ion Ratio Lower Upper
96 100
61 146.9 118.8 178.2
98 63.8 52.1 78.1

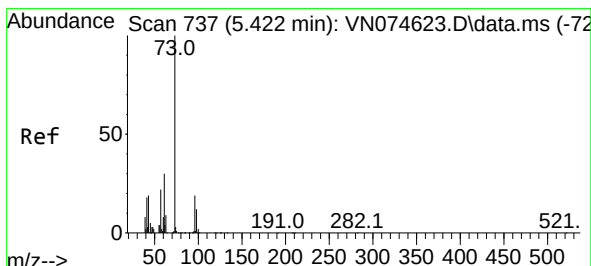
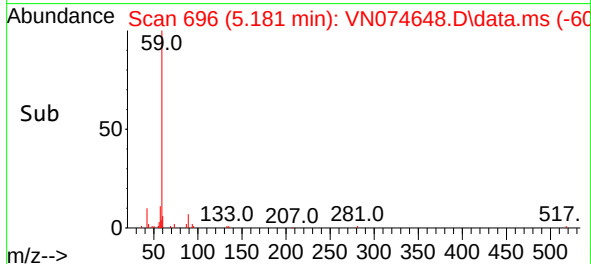
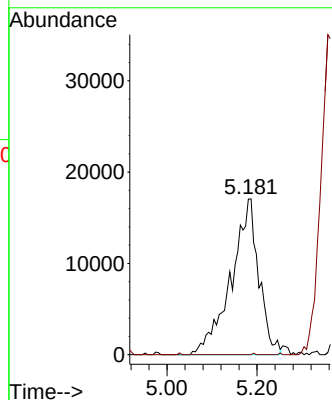
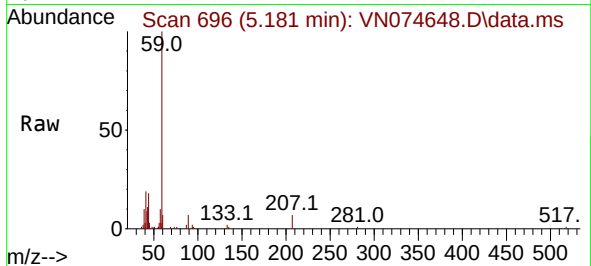




#23
tert-Butyl Alcohol
Concen: 32.417 ug/l m
RT: 5.181 min Scan# 694
Delta R.T. 0.012 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

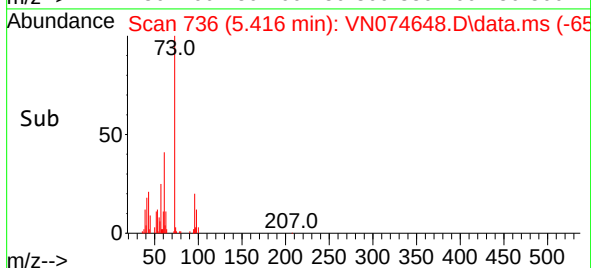
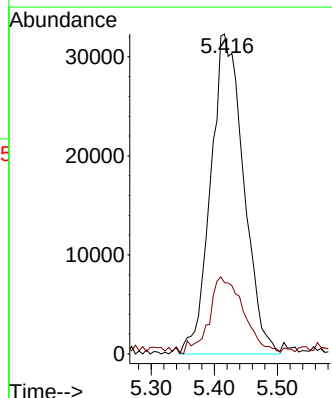
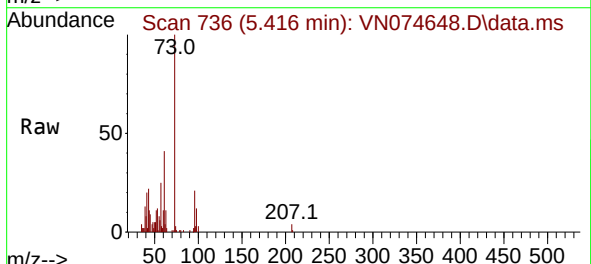
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

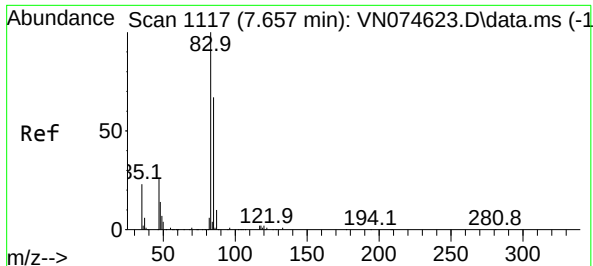
Tgt Ion: 59 Resp: 72686
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 4.499 ug/l
RT: 5.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 73 Resp: 116989
Ion Ratio Lower Upper
73 100
43 23.6 15.6 23.4#





#25

Chloroform

Concen: 4.292 ug/l

RT: 7.663 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

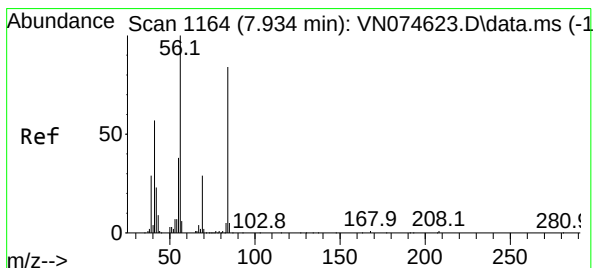
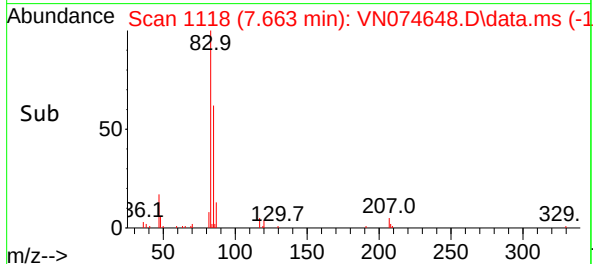
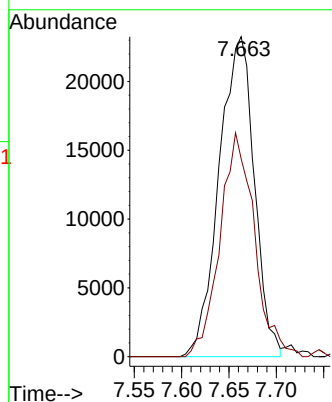
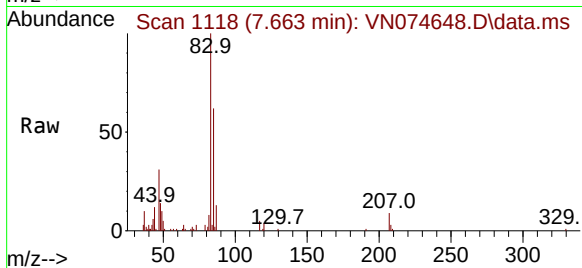
MDL-WATER-03-QT3-2022

Tgt Ion: 83 Resp: 60138

Ion Ratio Lower Upper

83 100

85 61.8 53.6 80.4



#26

Cyclohexane

Concen: 4.723 ug/l

RT: 7.939 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

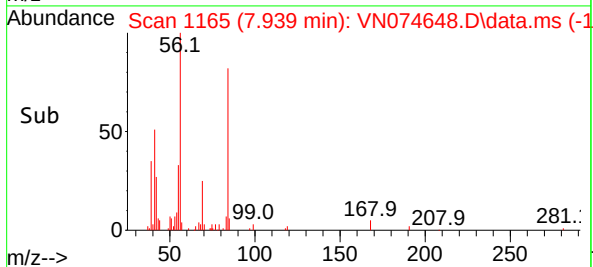
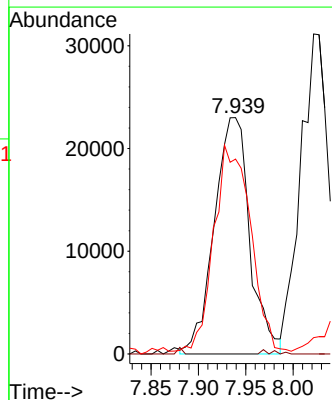
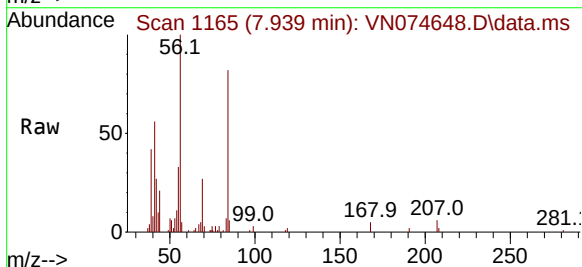
Tgt Ion: 56 Resp: 60034

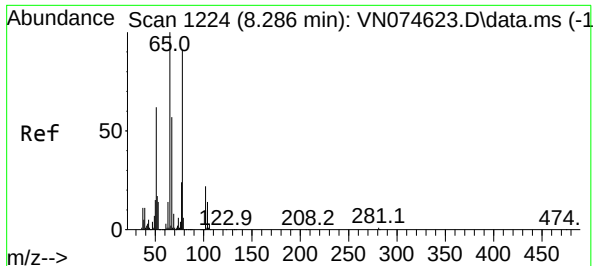
Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

84 44.4 68.4 102.6#

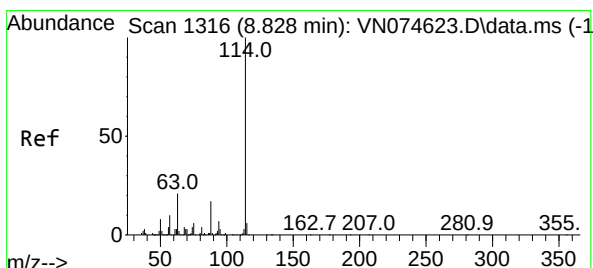
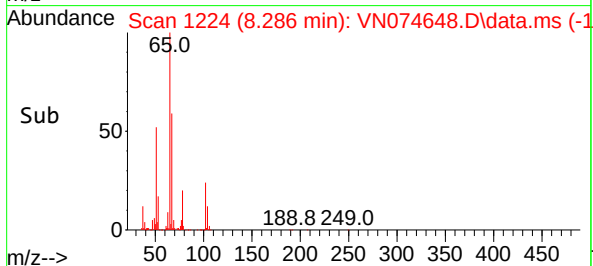
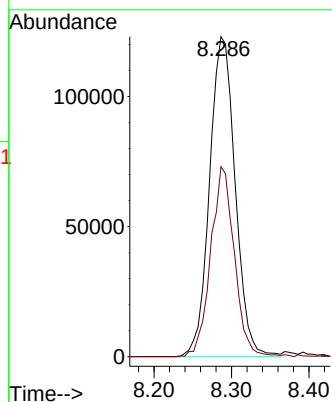
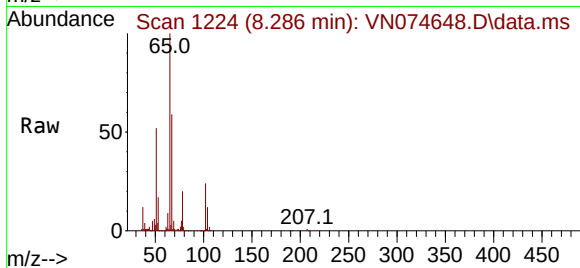




#27
1,2-Dichloroethane-d4
Concen: 32.445 ug/l
RT: 8.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

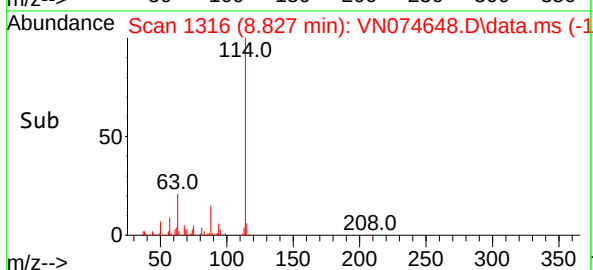
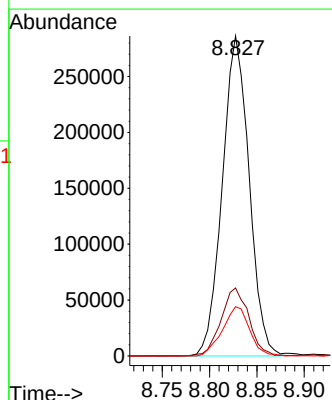
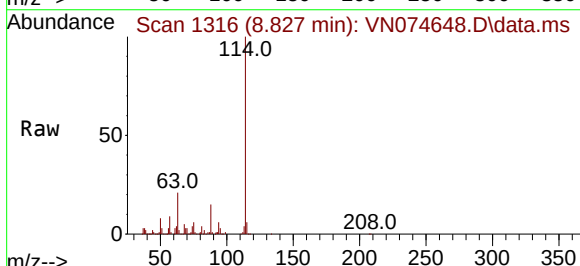
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

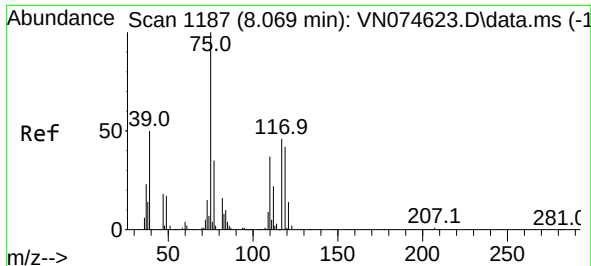
Tgt Ion: 65 Resp: 282980
Ion Ratio Lower Upper
65 100
67 54.6 45.2 67.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 114 Resp: 563225
Ion Ratio Lower Upper
114 100
63 21.9 16.6 25.0
88 15.6 12.2 18.4

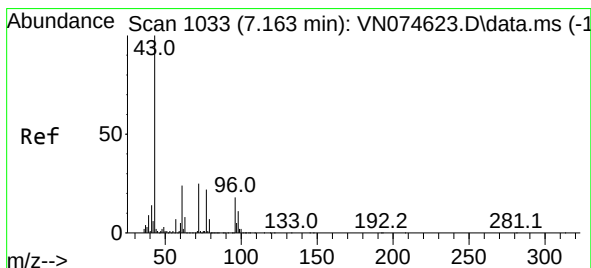
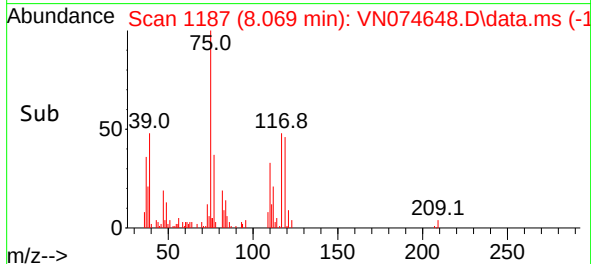
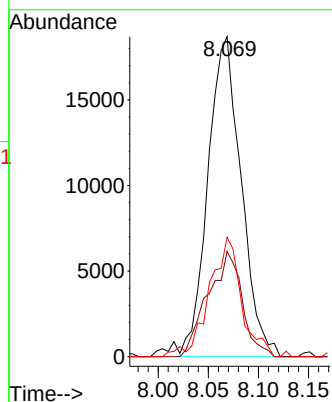
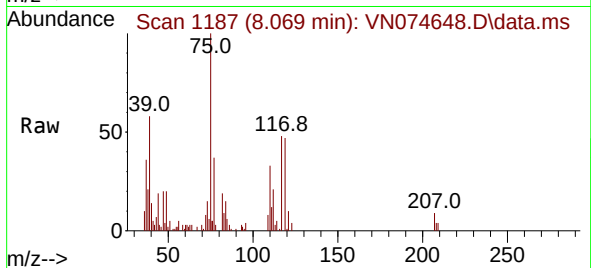




#29
1,1-Dichloropropene
Concen: 4.094 ug/l
RT: 8.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

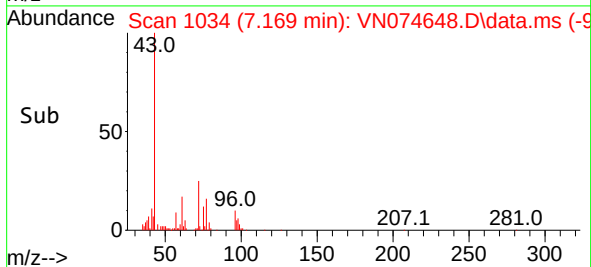
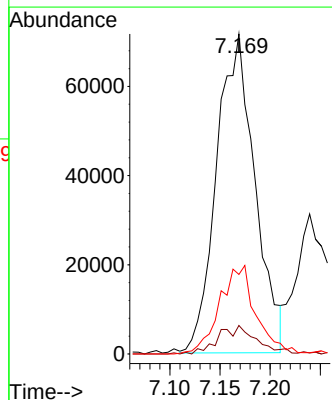
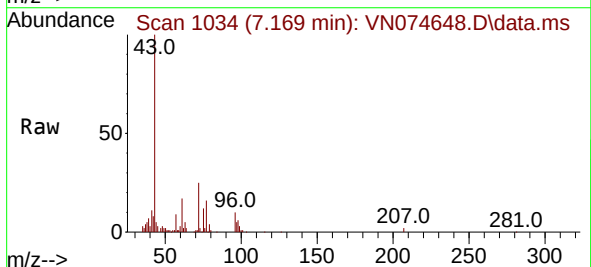
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

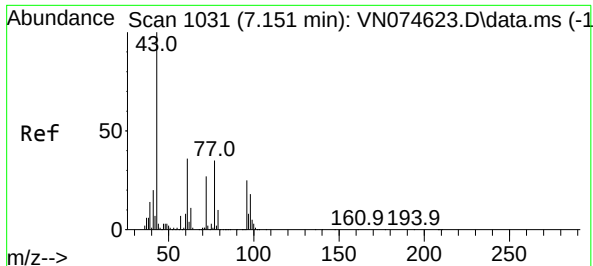
Tgt Ion: 75 Resp: 43067
Ion Ratio Lower Upper
75 100
110 33.8 0.0 72.2
77 34.7 0.0 64.0



#30
2-Butanone
Concen: 23.687 ug/l
RT: 7.169 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 43 Resp: 190109
Ion Ratio Lower Upper
43 100
57 4.4 6.3 9.5#
72 26.1 21.0 31.4





#31

2,2-Dichloropropane

Concen: 4.966 ug/l

RT: 7.151 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

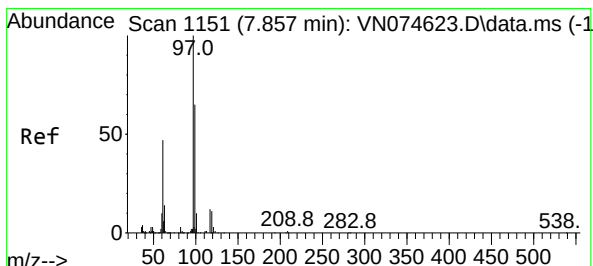
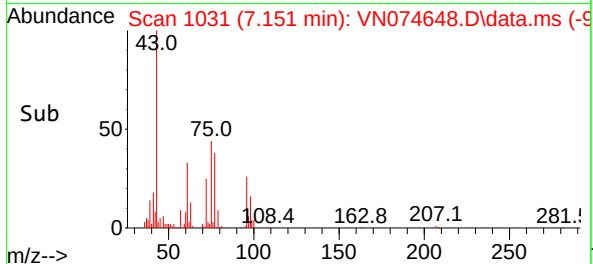
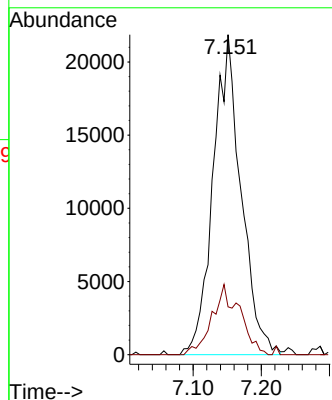
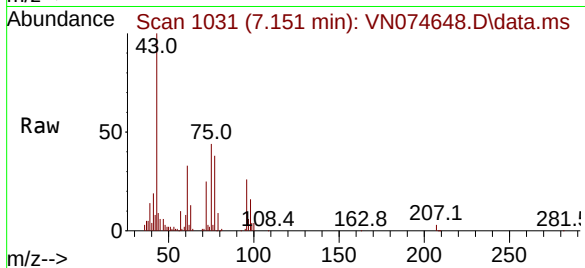
MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 62367

Ion Ratio Lower Upper

77 100

97 14.5 18.4 27.6#



#32

1,1,1-Trichloroethane

Concen: 4.454 ug/l

RT: 7.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

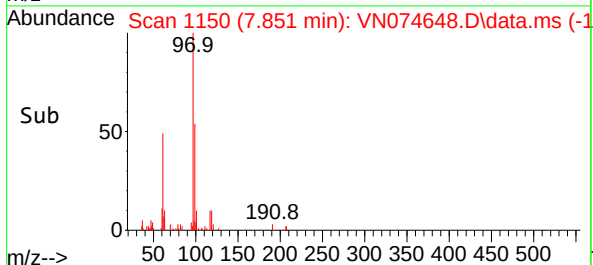
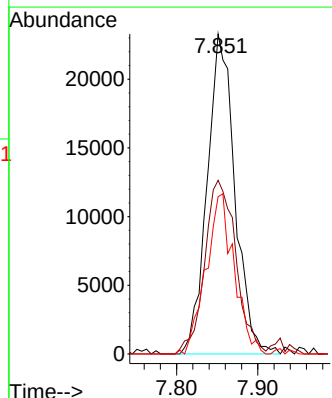
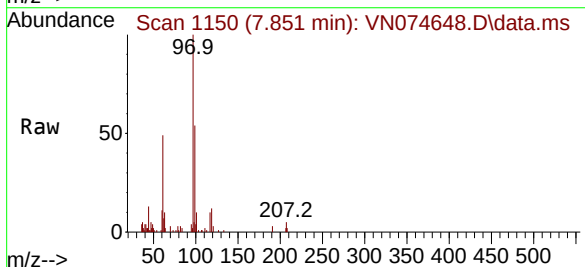
Tgt Ion: 97 Resp: 55356

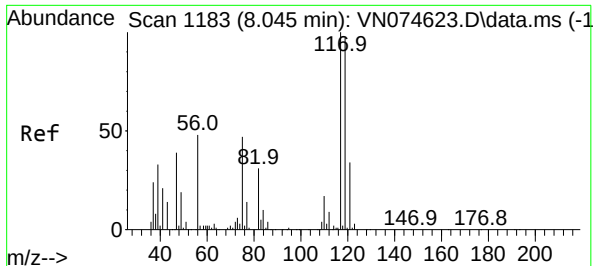
Ion Ratio Lower Upper

97 100

99 60.8 50.0 75.0

61 50.6 36.1 54.1

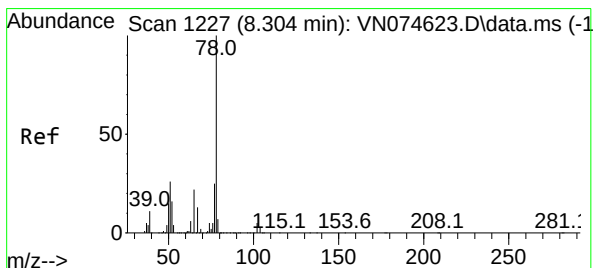
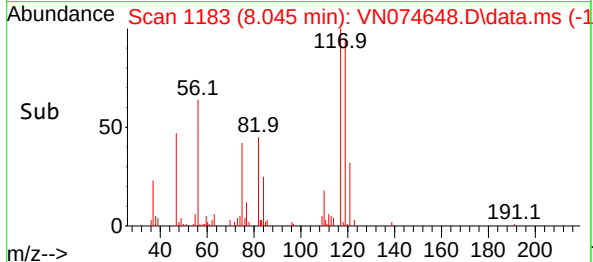
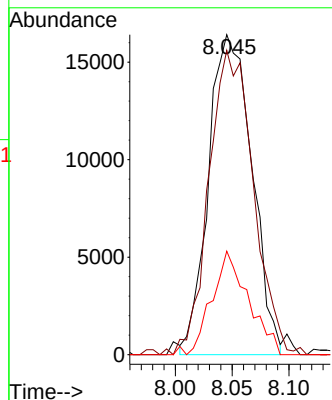
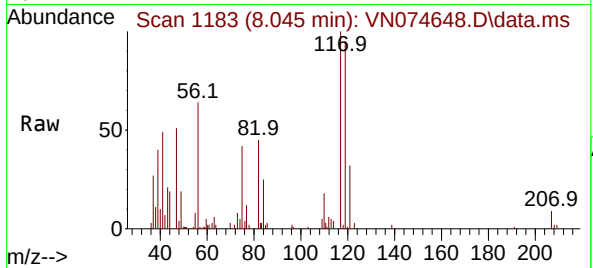




#33
Carbon Tetrachloride
Concen: 4.188 ug/l
RT: 8.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

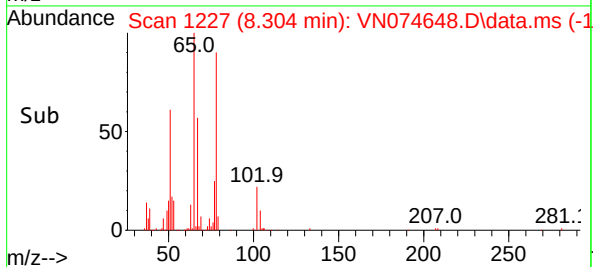
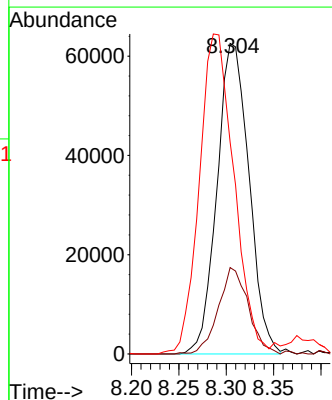
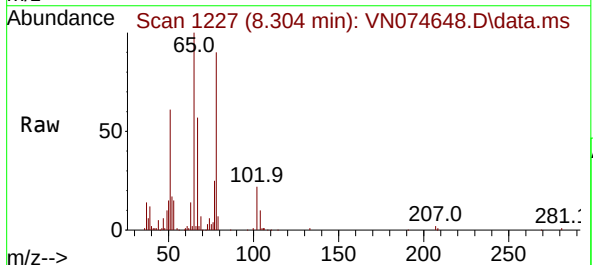
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

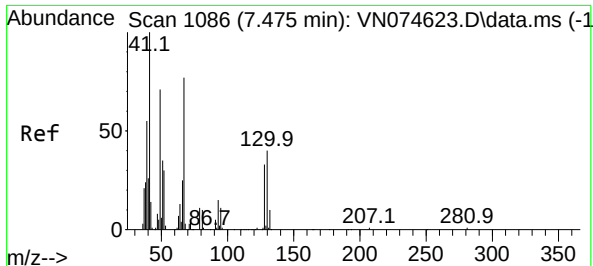
Tgt Ion:	117	Resp:	43526
Ion Ratio	Lower	Upper	
117	100		
119	92.9	77.8	116.6
121	33.3	27.6	41.4



#34
Benzene
Concen: 4.223 ug/l
RT: 8.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion:	78	Resp:	147061
Ion Ratio	Lower	Upper	
78	100		
77	27.8	19.9	29.9
51	65.6	21.1	31.7#





#35

Methacrylonitrile

Concen: 5.504 ug/l m

RT: 7.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 41 Resp: 42026

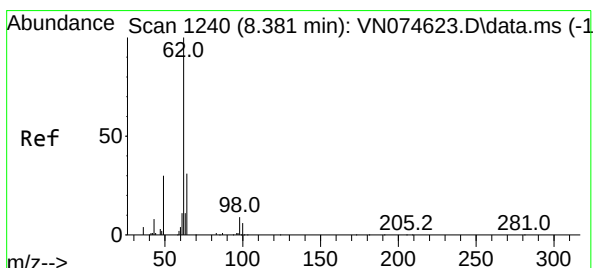
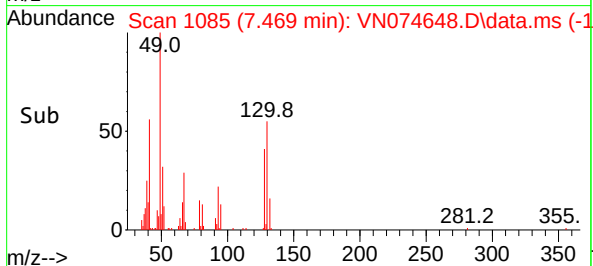
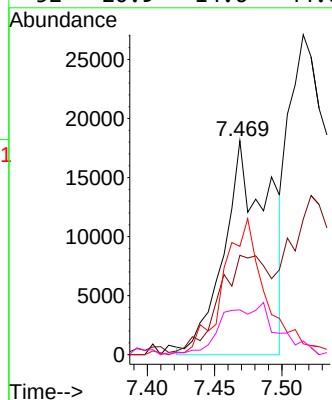
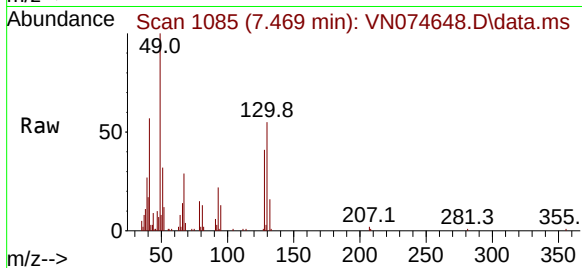
Ion Ratio Lower Upper

41 100

39 46.5 27.7 83.1

67 50.6 38.0 113.9

52 20.9 14.6 44.0



#36

1,2-Dichloroethane

Concen: 4.537 ug/l

RT: 8.375 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VN074648.D

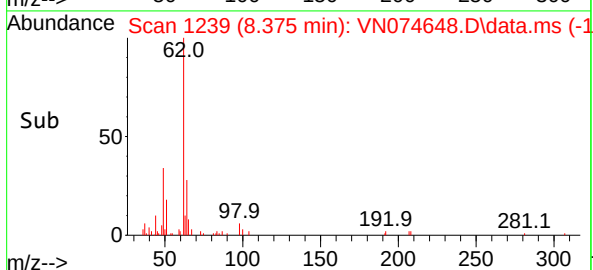
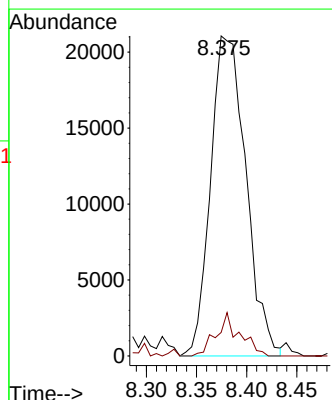
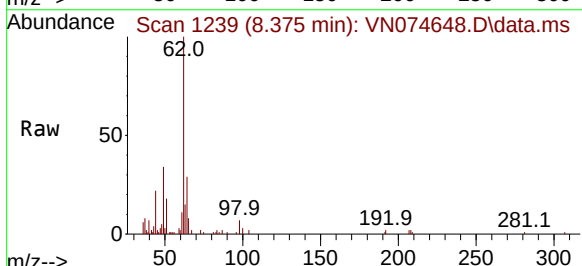
Acq: 28 Sep 2022 15:13

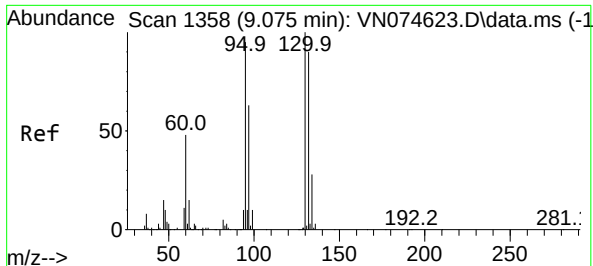
Tgt Ion: 62 Resp: 51590

Ion Ratio Lower Upper

62 100

98 1.6 7.4 11.2#





#37

Trichloroethene

Concen: 4.469 ug/l

RT: 9.080 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

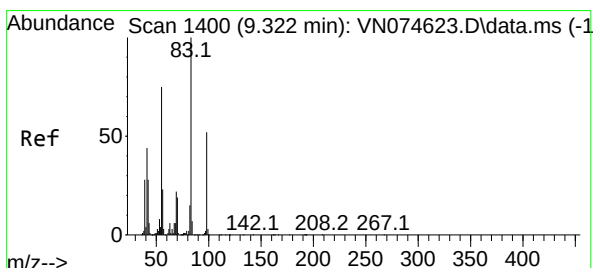
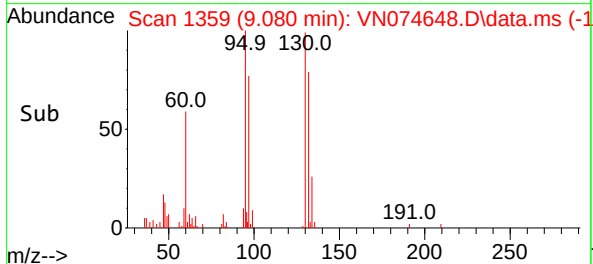
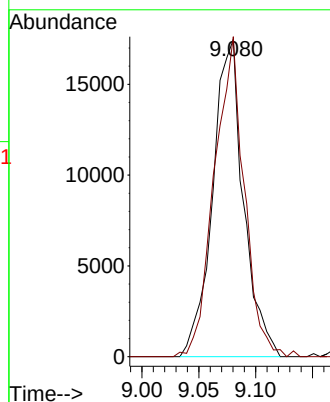
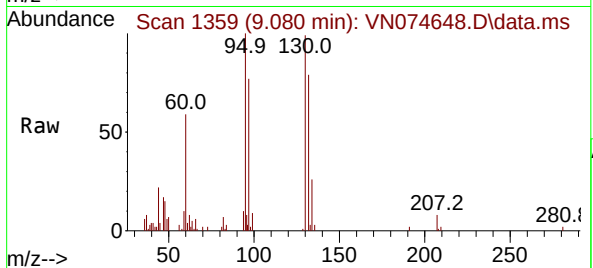
MDL-WATER-03-QT3-2022

Tgt Ion:130 Resp: 33050

Ion Ratio Lower Upper

130 100

95 99.5 75.9 113.9



#38

Methylcyclohexane

Concen: 3.915 ug/l

RT: 9.316 min Scan# 1399

Delta R.T. -0.006 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

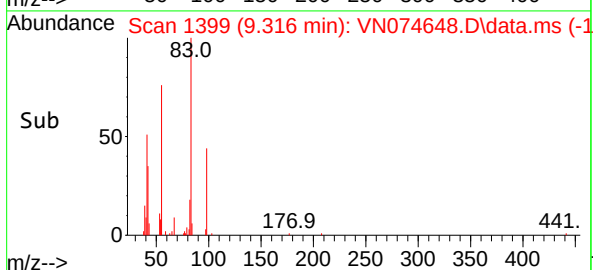
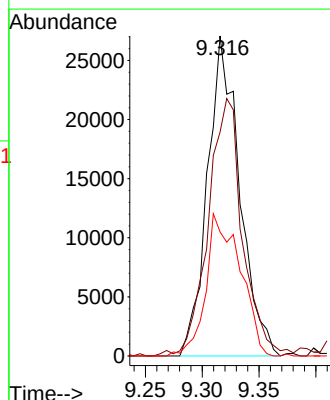
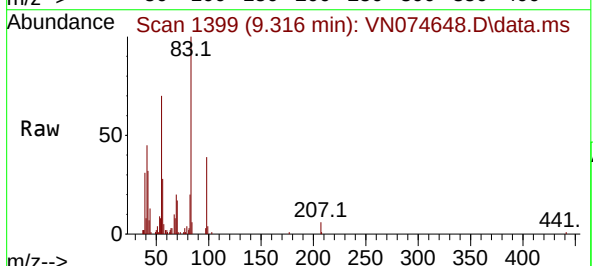
Tgt Ion: 83 Resp: 53307

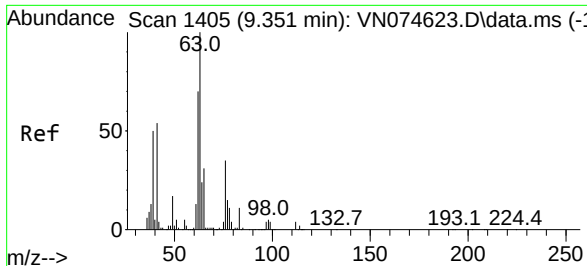
Ion Ratio Lower Upper

83 100

55 85.4 37.4 112.2

98 28.9 24.5 73.5





#39

1,2-Dichloropropane

Concen: 4.665 ug/l m

RT: 9.357 min Scan# 1405

Delta R.T. 0.006 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

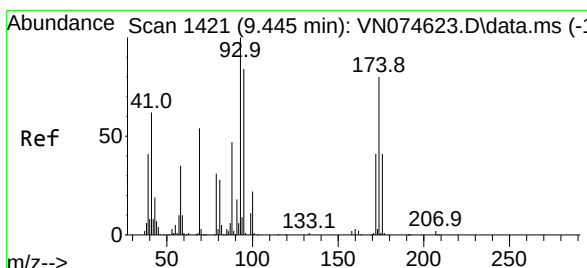
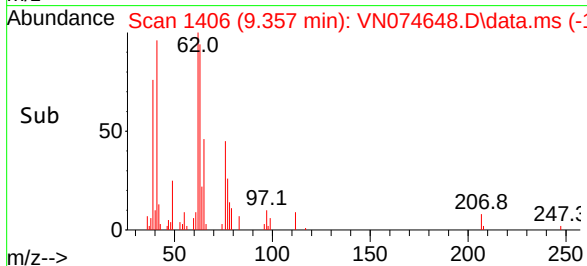
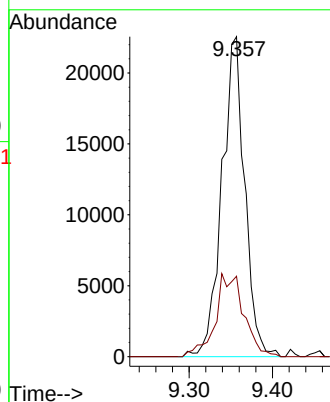
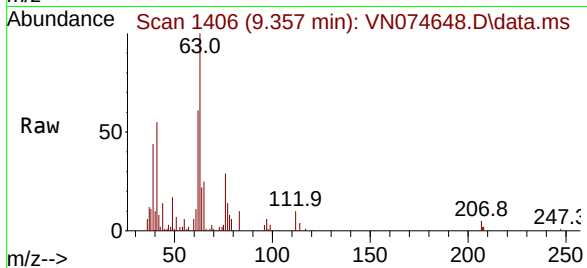
MDL-WATER-03-QT3-2022

Tgt Ion: 63 Resp: 43018

Ion Ratio Lower Upper

63 100

65 25.2 25.0 37.6



#40

Dibromomethane

Concen: 3.931 ug/l

RT: 9.445 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

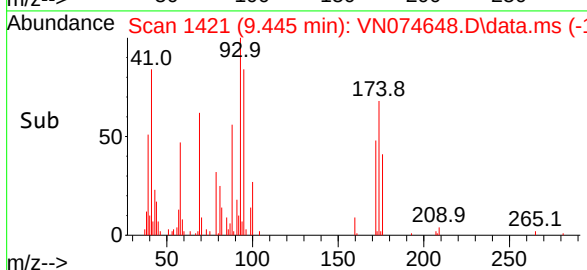
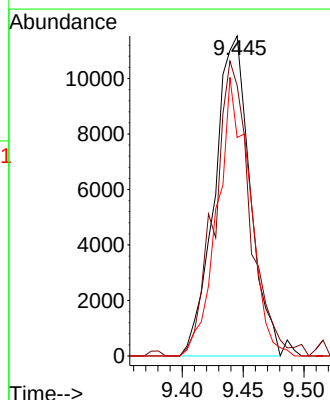
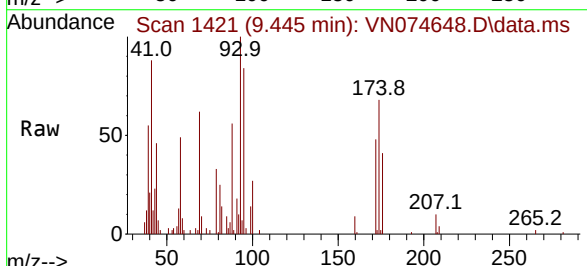
Tgt Ion: 93 Resp: 23385

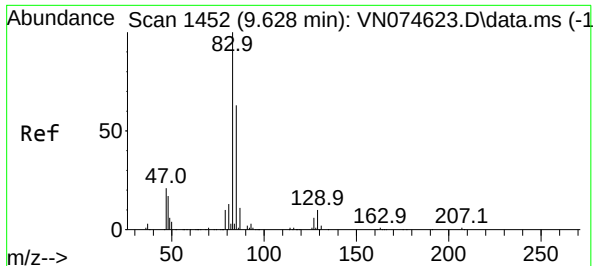
Ion Ratio Lower Upper

93 100

95 91.5 0.0 168.0

174 79.7 0.0 158.4

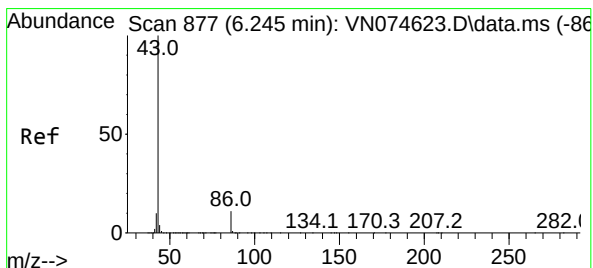
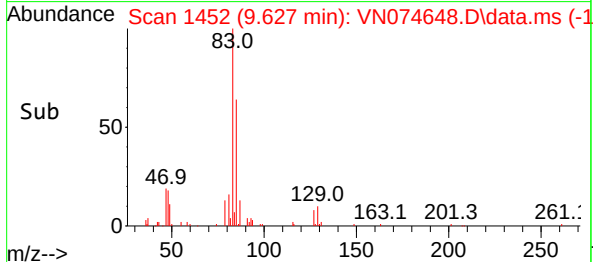
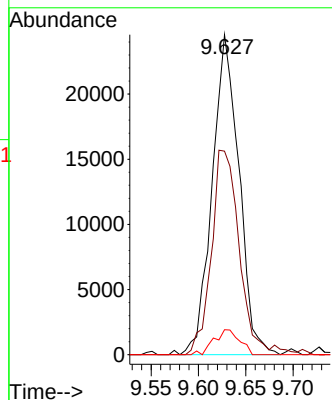
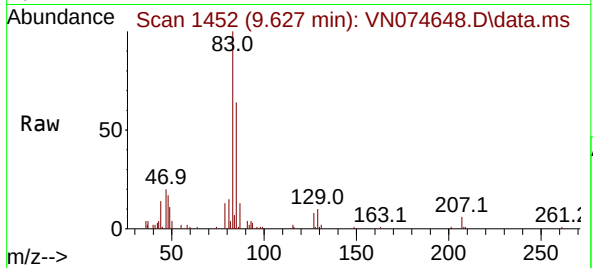




#41
Bromodichloromethane
Concen: 4.089 ug/l
RT: 9.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

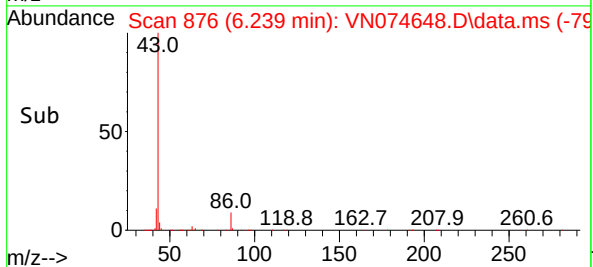
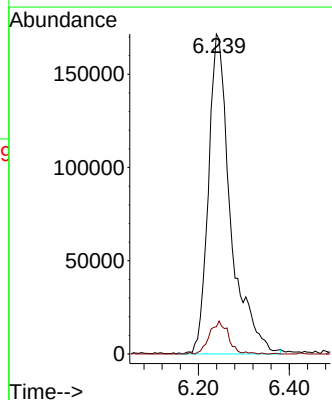
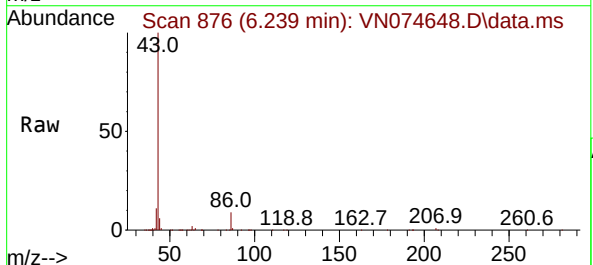
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

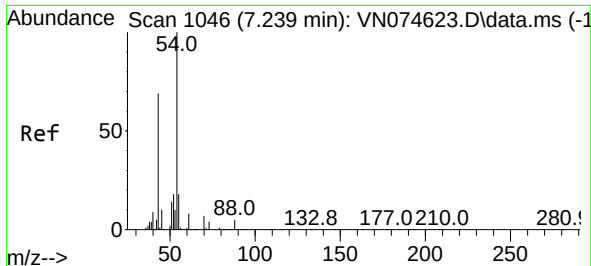
Tgt Ion: 83 Resp: 48363
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.4
127 8.6 5.1 7.7#



#42
Vinyl Acetate
Concen: 22.325 ug/l m
RT: 6.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 43 Resp: 582432
Ion Ratio Lower Upper
43 100
86 6.6 7.5 11.3#





#43

Ethyl Acetate

Concen: 4.983 ug/l

RT: 7.239 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

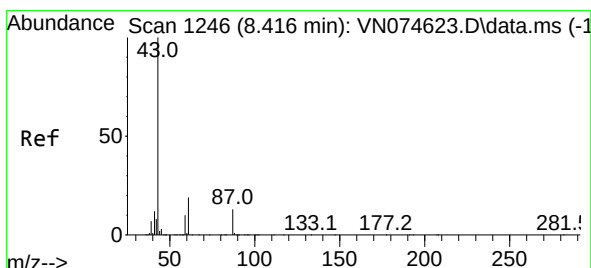
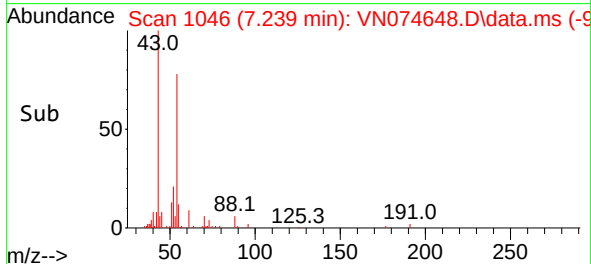
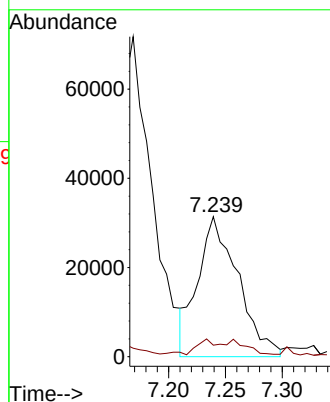
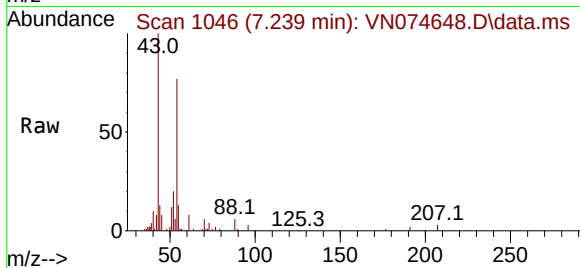
MDL-WATER-03-QT3-2022

Tgt Ion: 43 Resp: 77467

Ion Ratio Lower Upper

43 100

45 5.2 11.5 17.3#



#44

Isopropyl Acetate

Concen: 4.407 ug/l

RT: 8.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VN074648.D

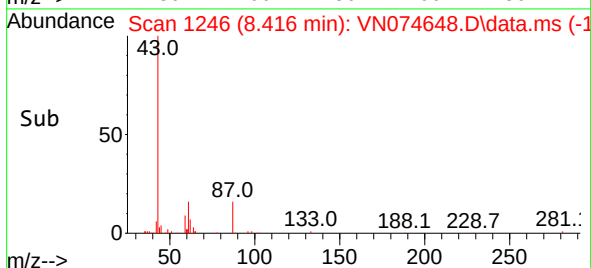
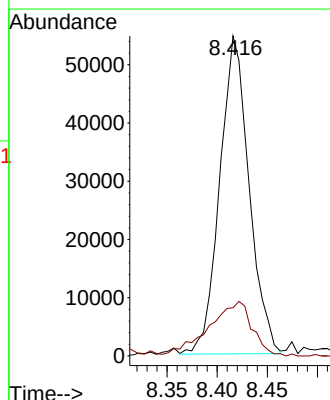
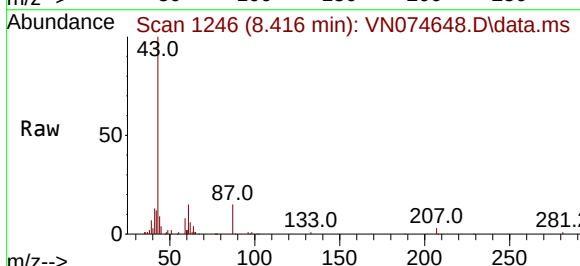
Acq: 28 Sep 2022 15:13

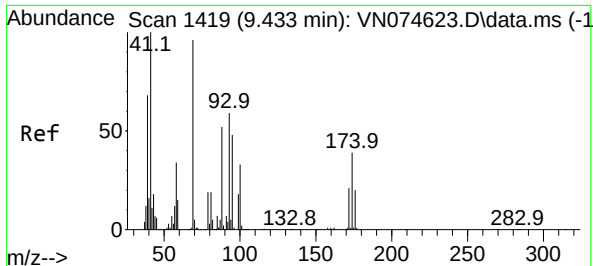
Tgt Ion: 43 Resp: 111243

Ion Ratio Lower Upper

43 100

61 25.2 19.5 29.3





#45

1,4-Dioxane

Concen: 91.215 ug/l

RT: 9.433 min Scan# 1419

Delta R.T. -0.000 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2022

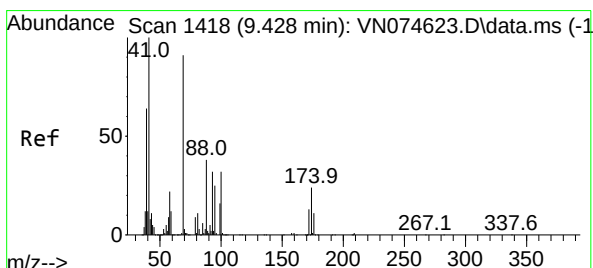
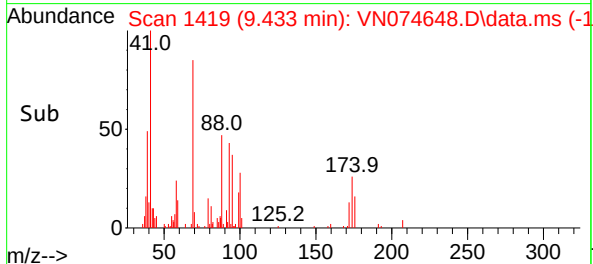
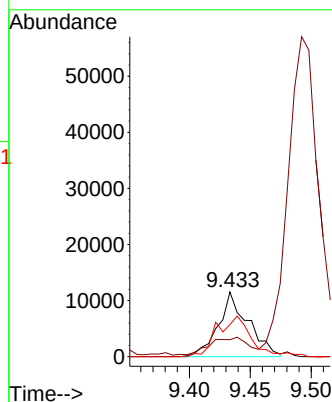
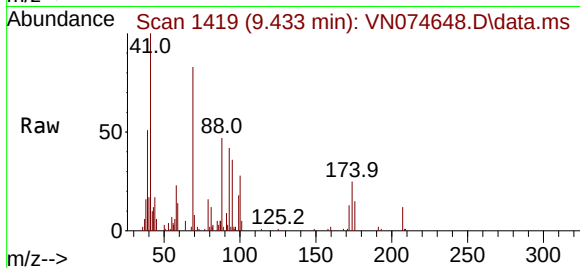
Tgt Ion: 88 Resp: 19649

Ion Ratio Lower Upper

88 100

43 9.6 25.7 38.5#

58 45.9 53.4 80.2#



#46

Methyl methacrylate

Concen: 4.407 ug/l

RT: 9.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

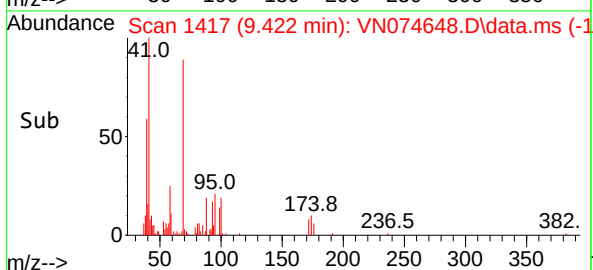
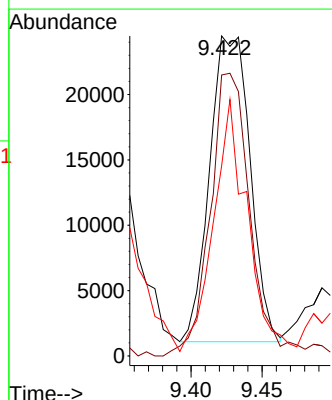
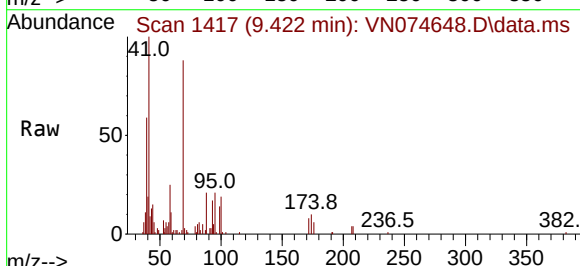
Tgt Ion: 41 Resp: 46339

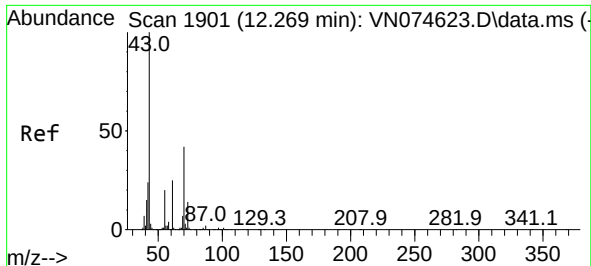
Ion Ratio Lower Upper

41 100

69 88.7 45.6 136.7

39 60.8 32.3 96.9

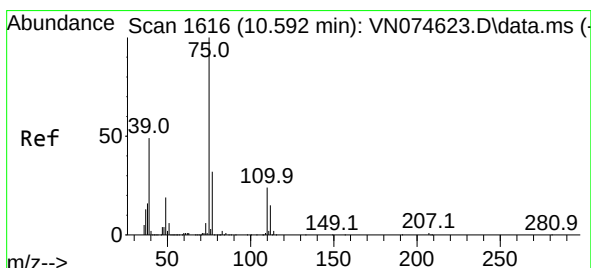
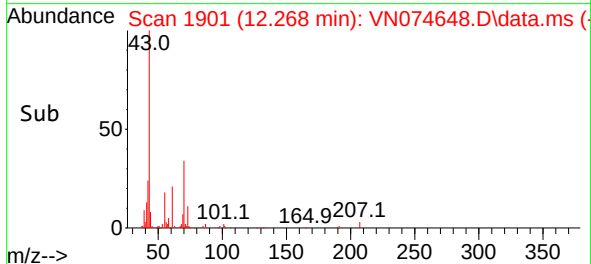
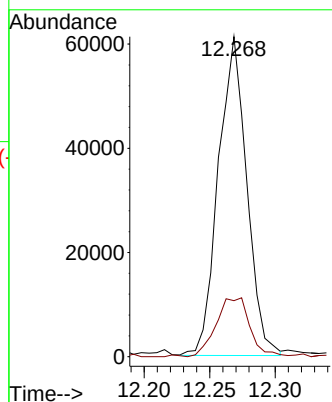
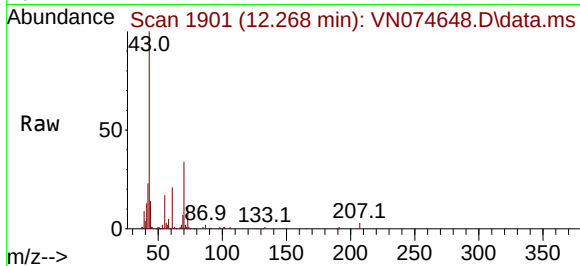




#47
n-amy1 Acetate
Concen: 3.995 ug/l
RT: 12.268 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

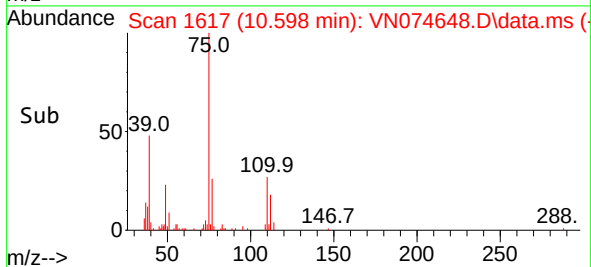
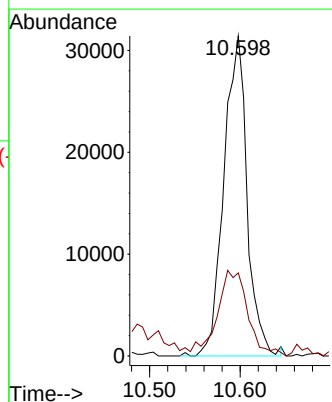
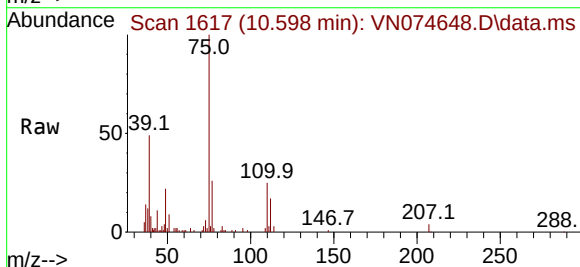
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

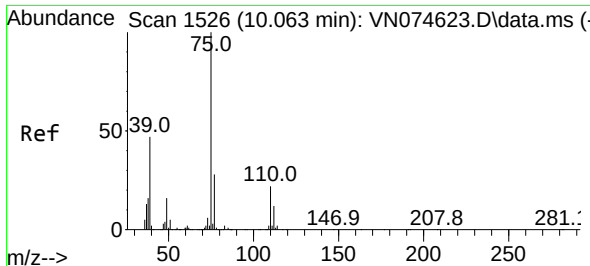
Tgt Ion: 43 Resp: 92312
Ion Ratio Lower Upper
43 100
55 21.9 16.8 25.2



#48
t-1,3-Dichloropropene
Concen: 3.906 ug/l m
RT: 10.598 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 75 Resp: 56078
Ion Ratio Lower Upper
75 100
77 26.0 25.8 38.8

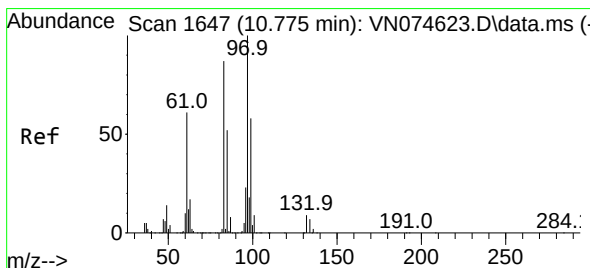
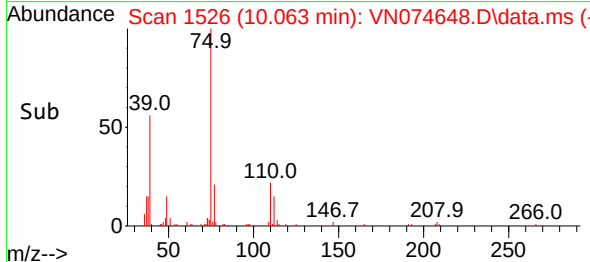
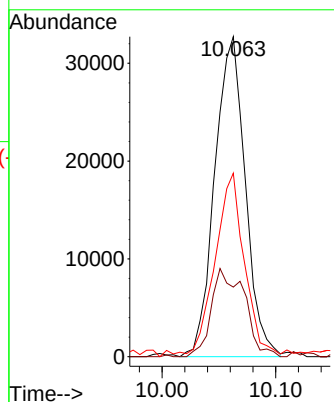
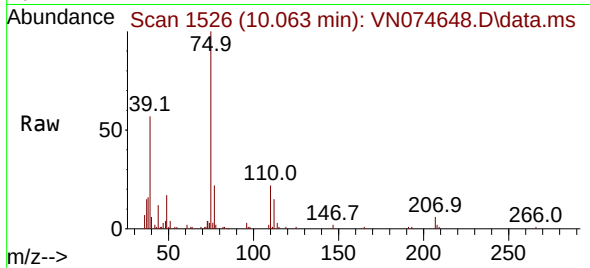




#49
 cis-1,3-Dichloropropene
 Concen: 4.089 ug/l
 RT: 10.063 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

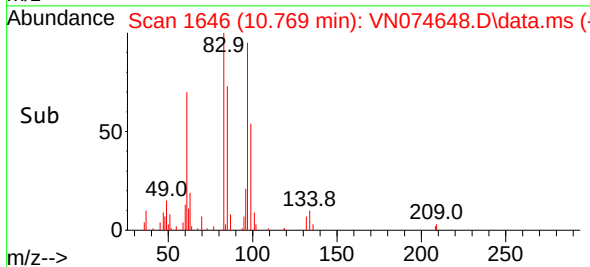
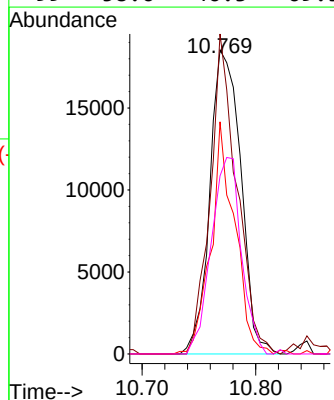
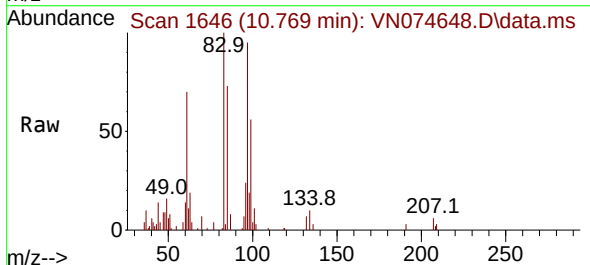
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2022

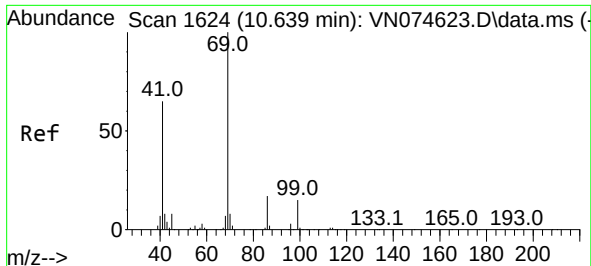
Tgt Ion: 75 Resp: 61096
 Ion Ratio Lower Upper
 75 100
 77 21.7 22.5 33.7#
 39 56.5 37.6 56.4#



#50
 1,1,2-Trichloroethane
 Concen: 4.043 ug/l
 RT: 10.769 min Scan# 1646
 Delta R.T. -0.006 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

Tgt Ion: 97 Resp: 34968
 Ion Ratio Lower Upper
 97 100
 83 105.3 69.2 103.8#
 85 75.5 41.4 62.2#
 99 58.6 46.3 69.5

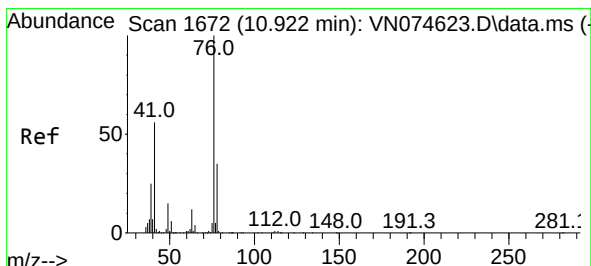
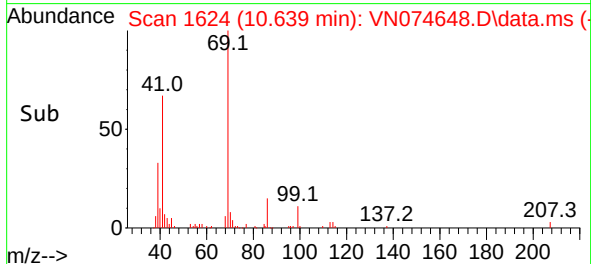
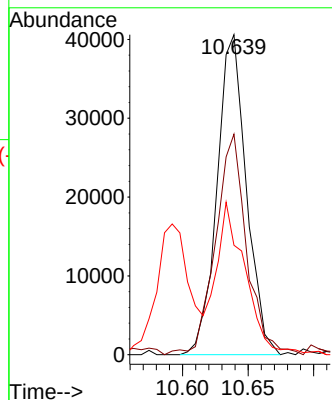
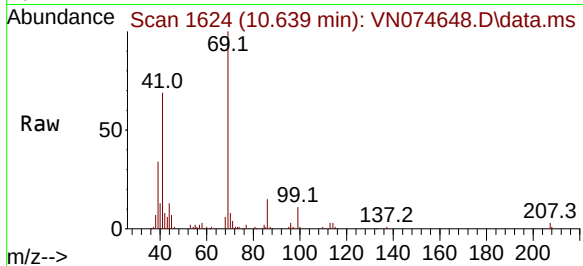




#51
Ethyl methacrylate
Concen: 3.895 ug/l
RT: 10.639 min Scan# 1624
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

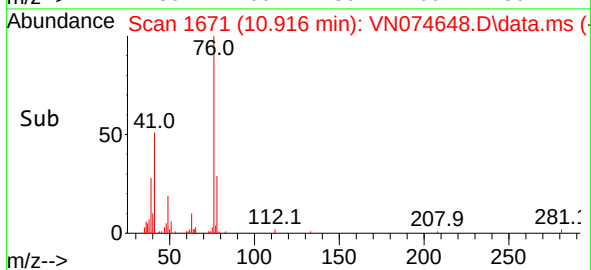
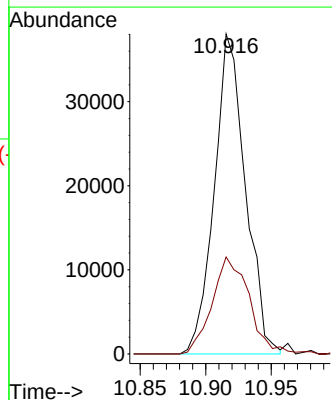
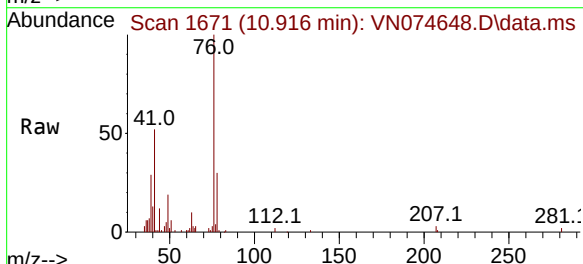
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

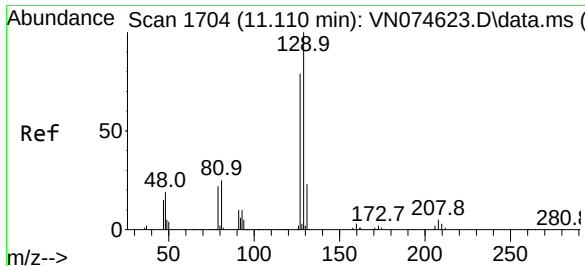
Tgt Ion: 69 Resp: 63167
Ion Ratio Lower Upper
69 100
41 67.1 32.5 97.5
39 32.7 21.5 64.5



#52
1,3-Dichloropropane
Concen: 4.099 ug/l
RT: 10.916 min Scan# 1671
Delta R.T. -0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 76 Resp: 62845
Ion Ratio Lower Upper
76 100
78 35.9 0.0 63.8

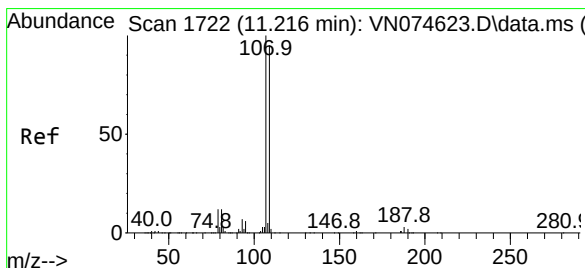
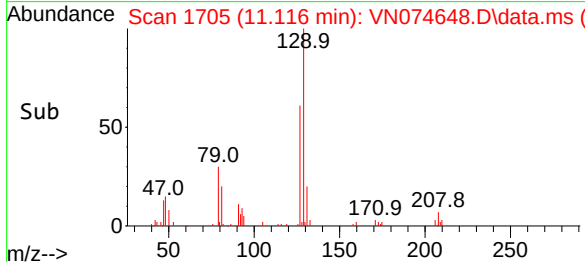
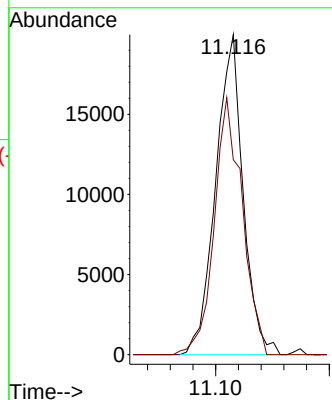
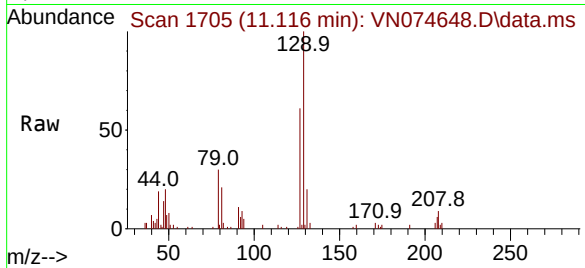




#53
Dibromochloromethane
Concen: 3.664 ug/l
RT: 11.116 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

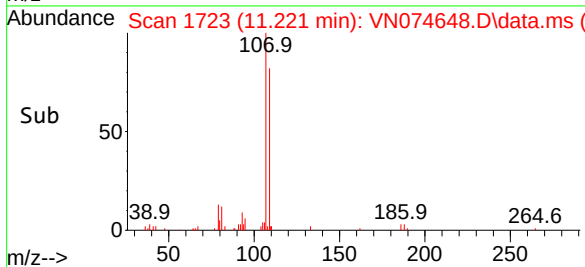
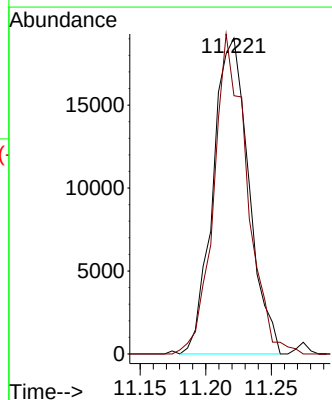
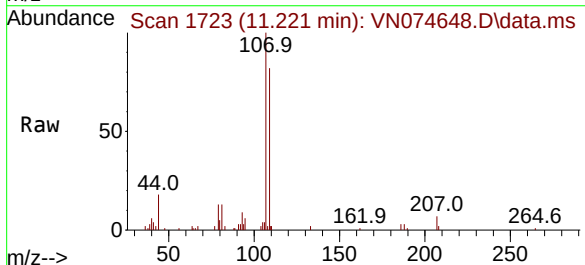
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

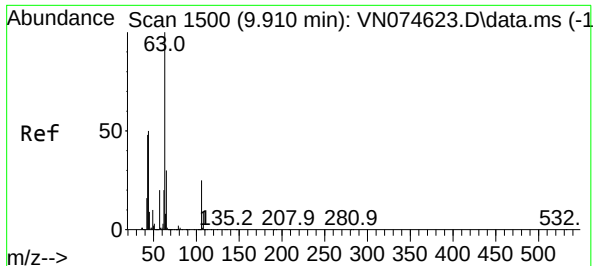
Tgt Ion:129 Resp: 33494
Ion Ratio Lower Upper
129 100
127 81.9 40.6 121.7



#54
1,2-Dibromoethane
Concen: 4.042 ug/l
RT: 11.221 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion:107 Resp: 36168
Ion Ratio Lower Upper
107 100
109 93.3 76.2 114.2

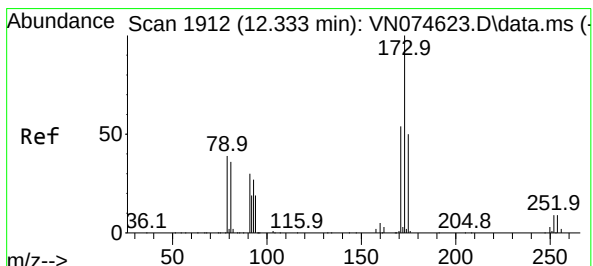
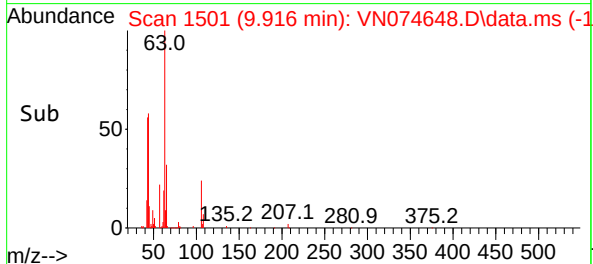
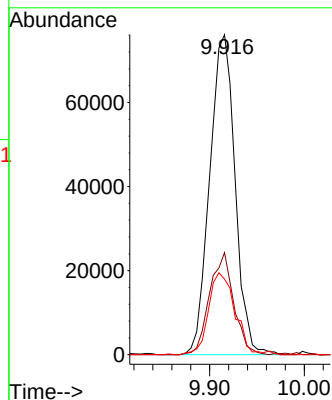
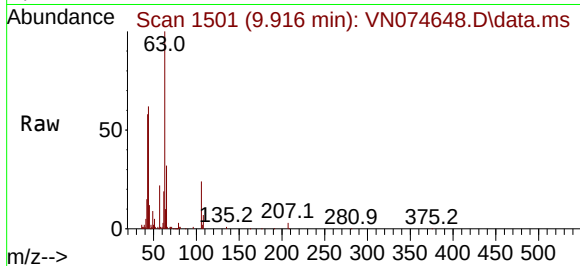




#55
2-Chloroethyl vinyl ether
Concen: 22.549 ug/l
RT: 9.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

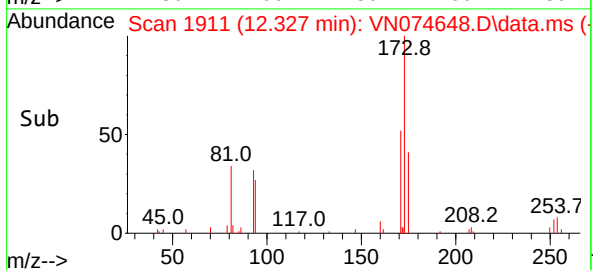
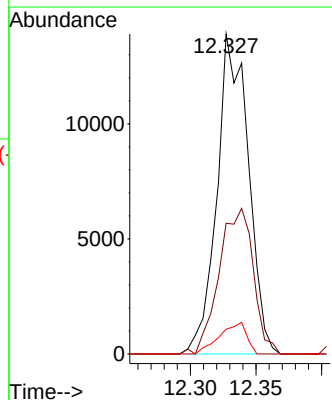
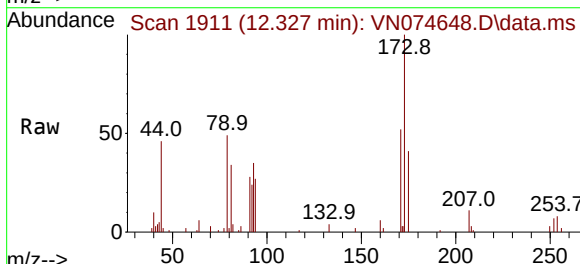
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

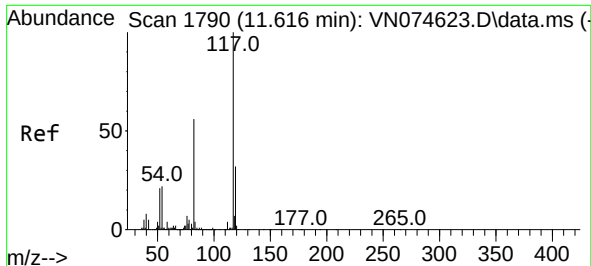
Tgt Ion: 63 Resp: 141928
Ion Ratio Lower Upper
63 100
65 30.3 24.6 36.8
106 26.5 21.3 31.9



#56
Bromoform
Concen: 3.231 ug/l
RT: 12.327 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 173 Resp: 23089
Ion Ratio Lower Upper
173 100
175 49.3 39.1 58.7
254 8.5 7.0 10.6

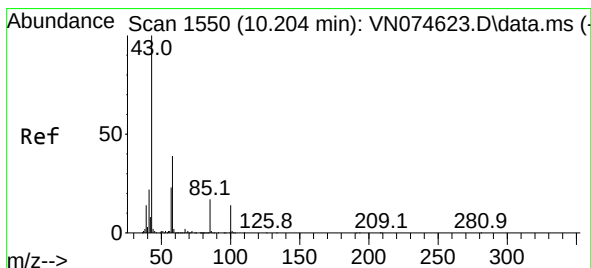
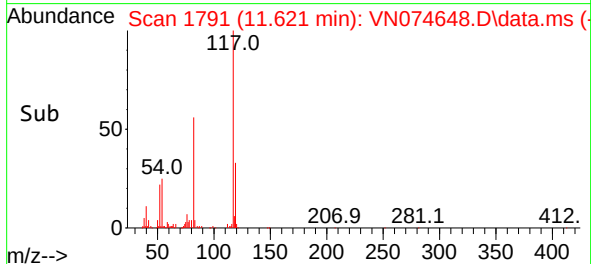
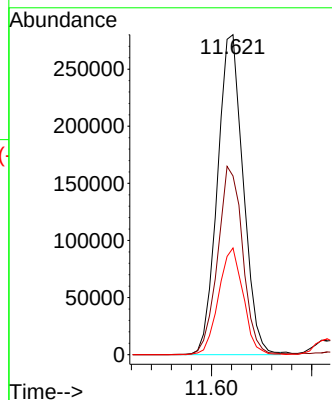
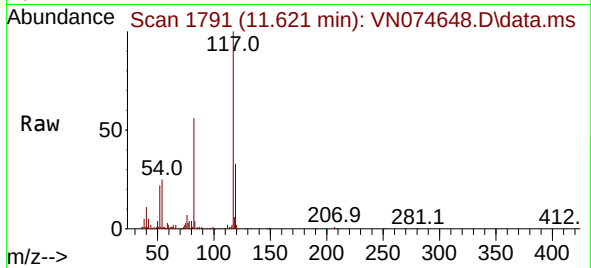




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.621 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

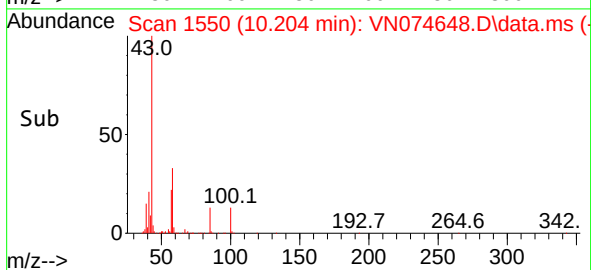
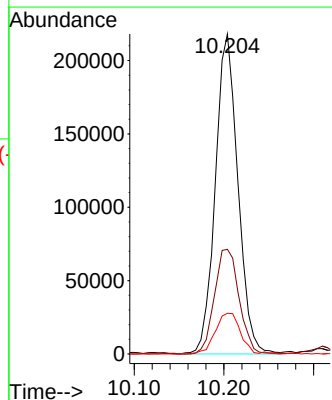
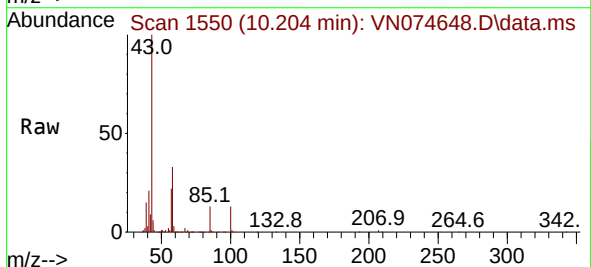
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

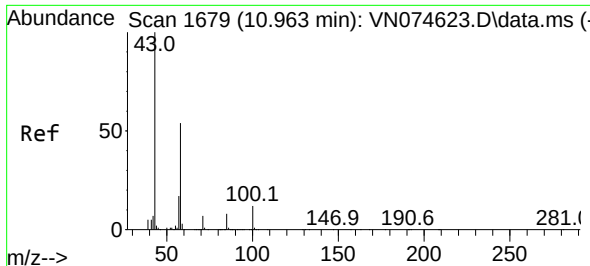
Tgt Ion:117 Resp: 498943
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 31.9 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 24.583 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 43 Resp: 380648
Ion Ratio Lower Upper
43 100
58 35.6 30.8 46.2
85 14.1 13.3 19.9

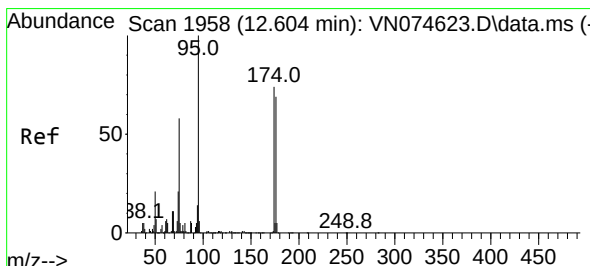
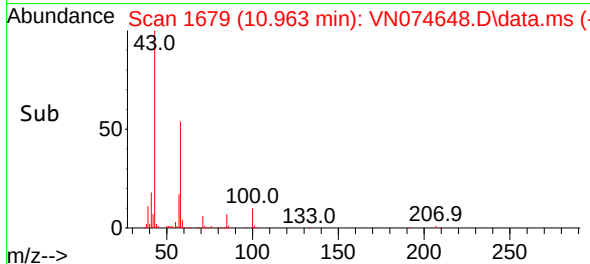
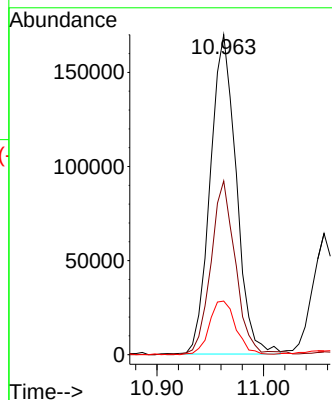
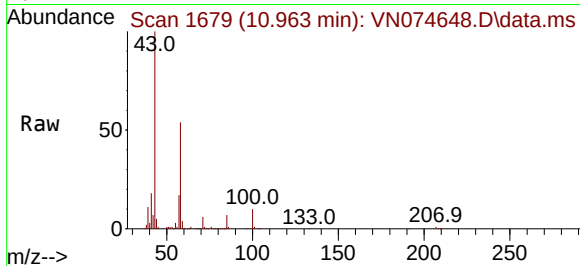




#59
2-Hexanone
Concen: 23.983 ug/l
RT: 10.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

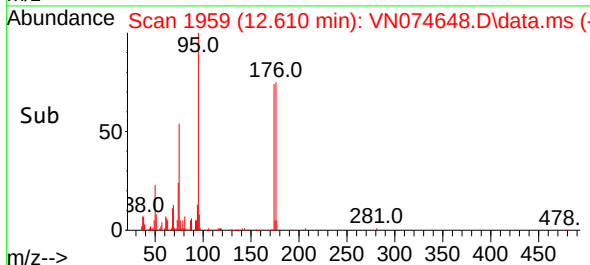
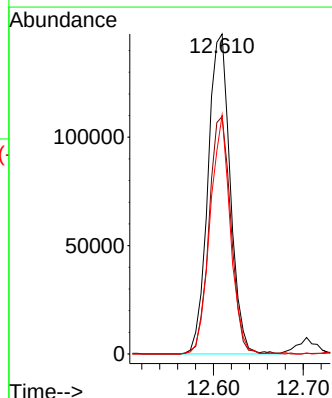
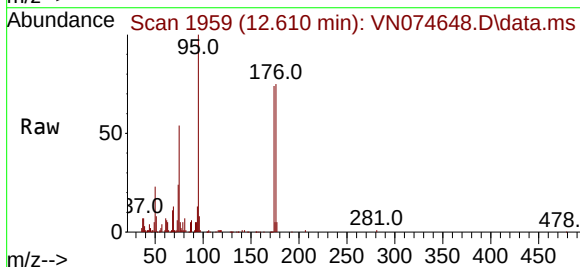
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

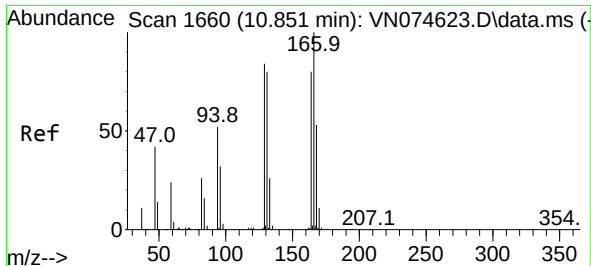
Tgt Ion: 43 Resp: 287617
Ion Ratio Lower Upper
43 100
58 50.8 43.6 65.4
57 17.2 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 26.175 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 95 Resp: 253678
Ion Ratio Lower Upper
95 100
174 72.8 57.8 86.8
176 68.1 57.0 85.4

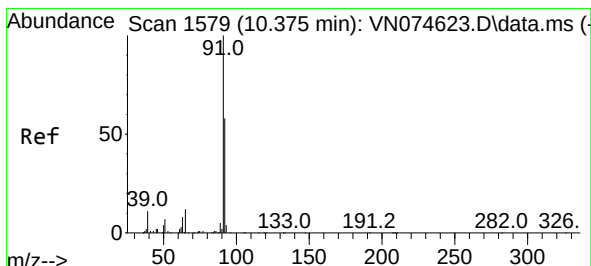
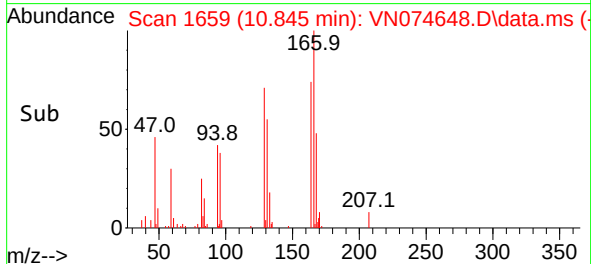
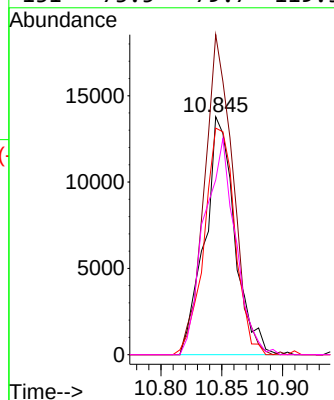
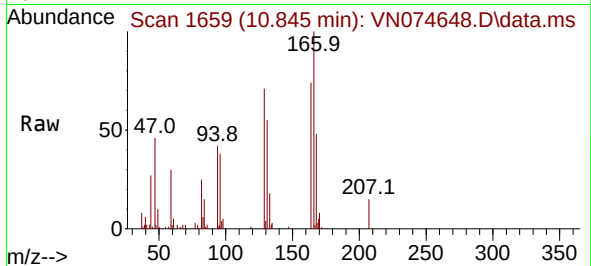




#61
Tetrachloroethene
Concen: 4.234 ug/l
RT: 10.845 min Scan# 1659
Delta R.T. -0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

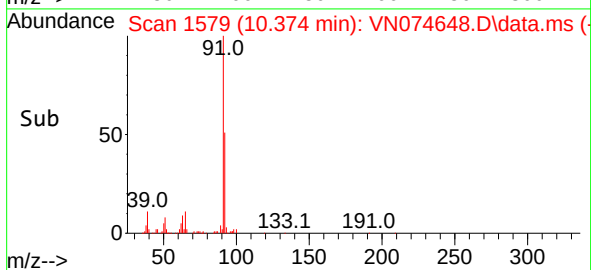
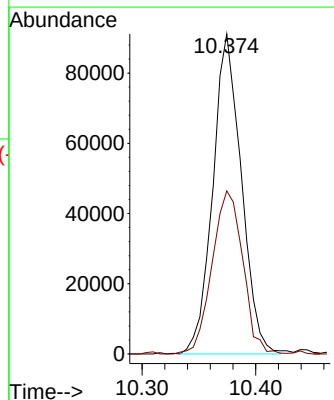
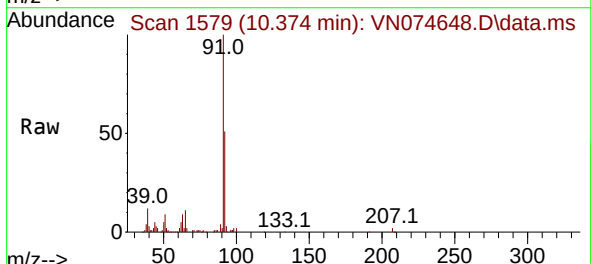
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

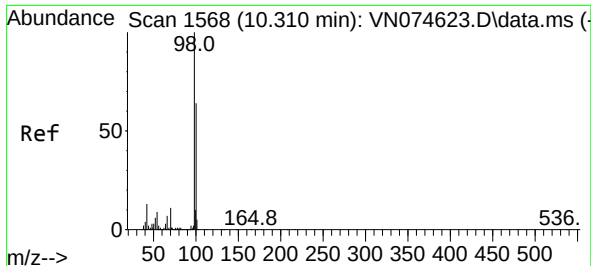
Tgt Ion:164 Resp: 23565
Ion Ratio Lower Upper
164 100
166 134.5 99.6 149.4
129 95.3 84.0 126.0
131 73.5 79.7 119.5#



#62
Toluene
Concen: 4.351 ug/l
RT: 10.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 91 Resp: 158946
Ion Ratio Lower Upper
91 100
92 54.7 46.0 69.0

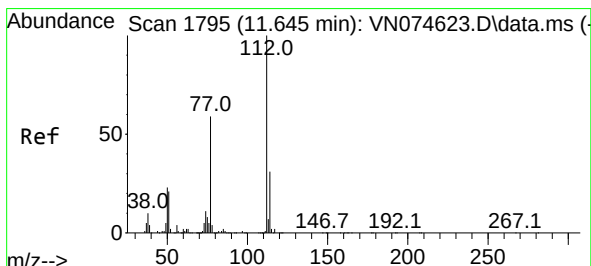
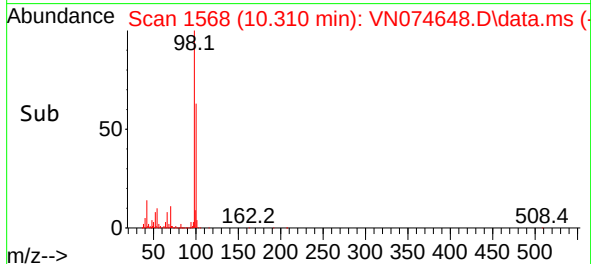
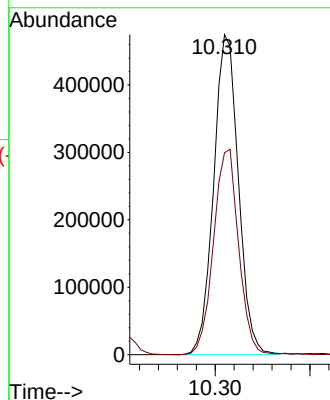
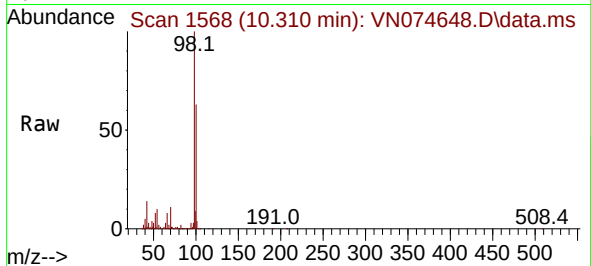




#63
Toluene-d8
Concen: 30.591 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

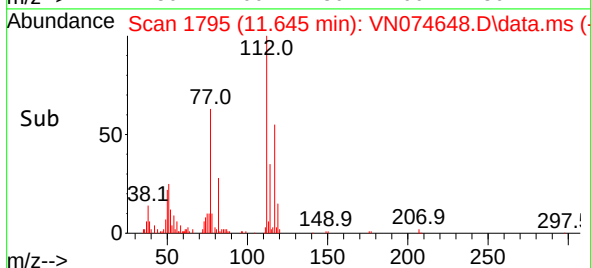
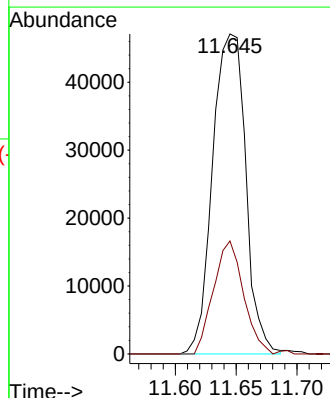
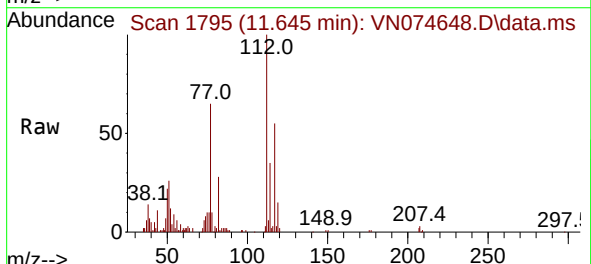
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

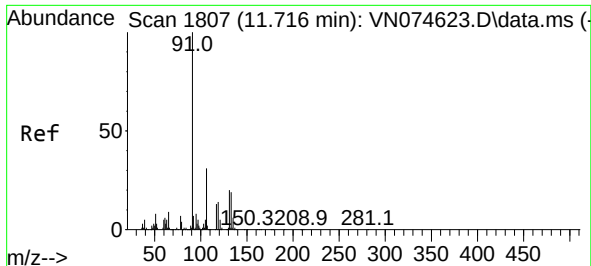
Tgt Ion: 98 Resp: 860928
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#64
Chlorobenzene
Concen: 4.258 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 112 Resp: 89142
Ion Ratio Lower Upper
112 100
114 35.3 24.7 37.1

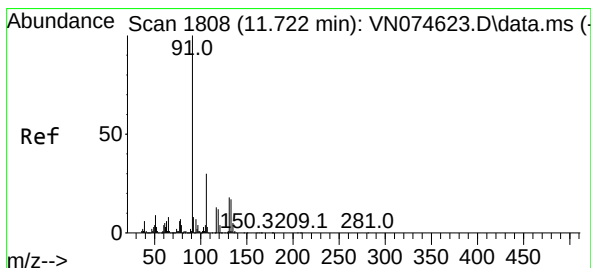
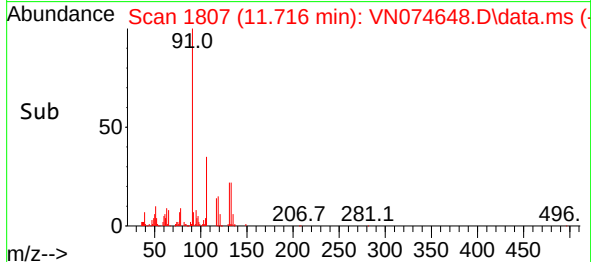
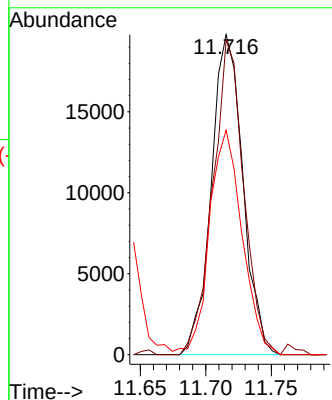
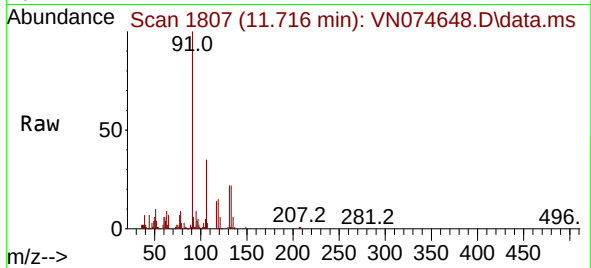




#65
1,1,1,2-Tetrachloroethane
Concen: 4.190 ug/l
RT: 11.716 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

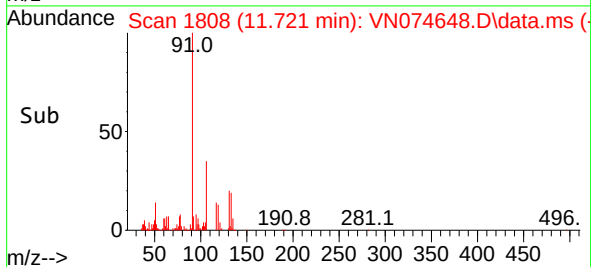
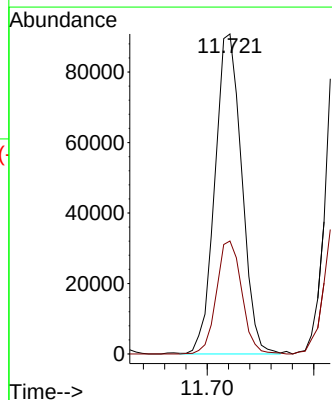
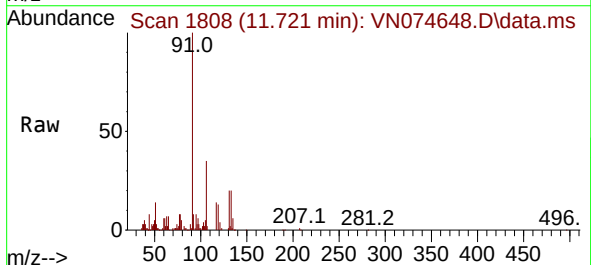
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

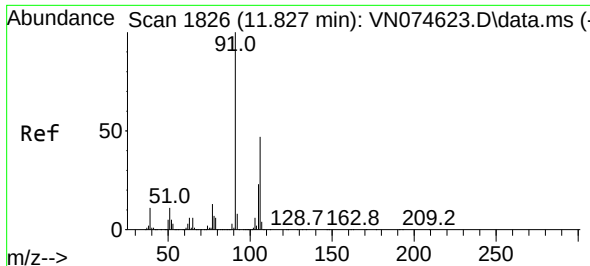
Tgt Ion:131 Resp: 32955
Ion Ratio Lower Upper
131 100
133 96.5 0.0 191.8
119 72.1 0.0 135.8



#66
Ethyl Benzene
Concen: 4.096 ug/l
RT: 11.721 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 91 Resp: 158902
Ion Ratio Lower Upper
91 100
106 35.4 24.1 36.1

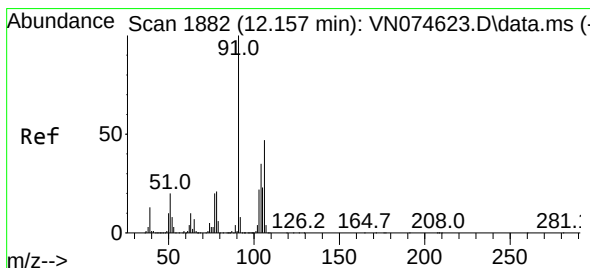
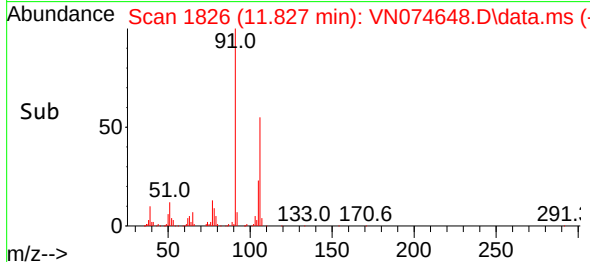
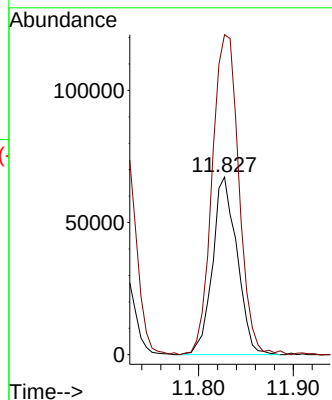
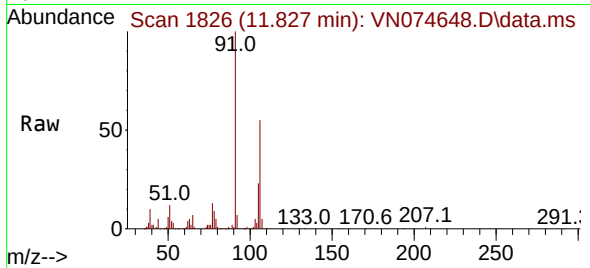




#67
m/p-Xylenes
Concen: 7.753 ug/l
RT: 11.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

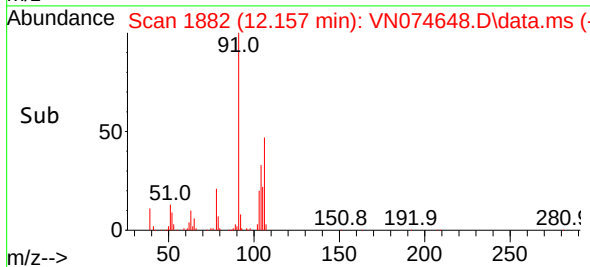
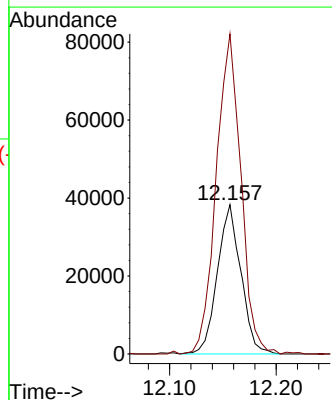
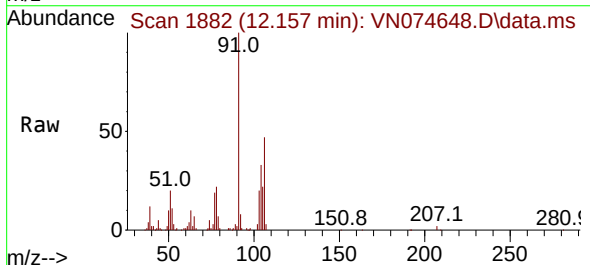
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

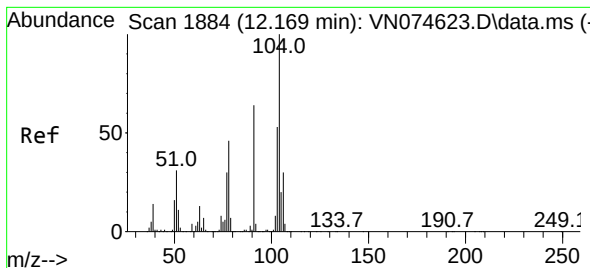
Tgt Ion:106 Resp: 120765
Ion Ratio Lower Upper
106 100
91 196.5 164.2 246.4



#68
o-Xylene
Concen: 3.704 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion:106 Resp: 58746
Ion Ratio Lower Upper
106 100
91 224.8 108.5 325.5





#69

Styrene

Concen: 3.364 ug/l

RT: 12.168 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074648.D

Acq: 28 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2022

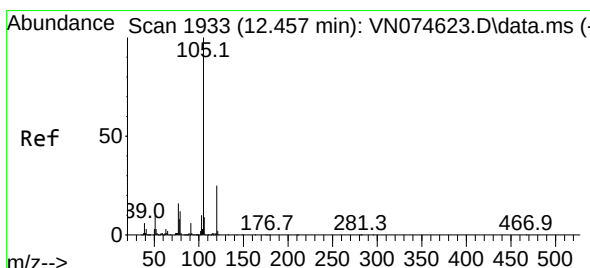
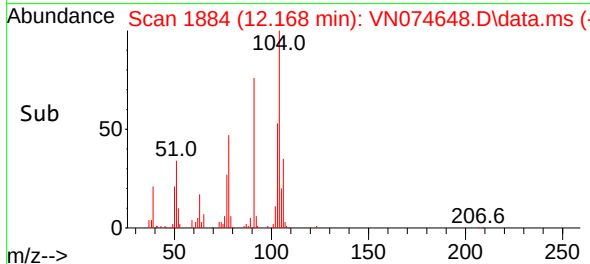
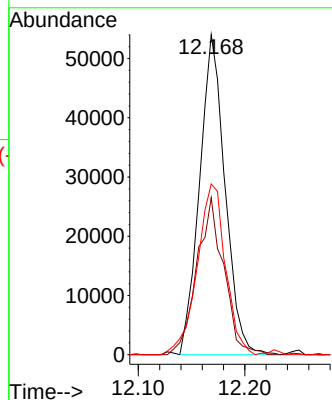
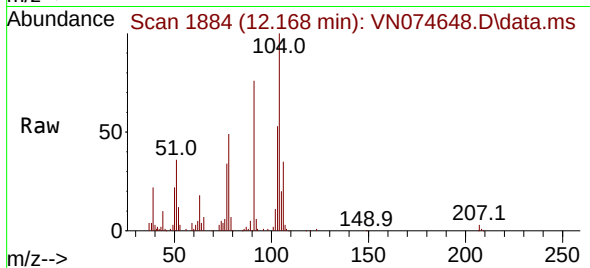
Tgt Ion:104 Resp: 89762

Ion Ratio Lower Upper

104 100

78 51.7 39.9 59.9

103 59.1 43.8 65.8



#70

Isopropylbenzene

Concen: 3.691 ug/l

RT: 12.457 min Scan# 1933

Delta R.T. -0.000 min

Lab File: VN074648.D

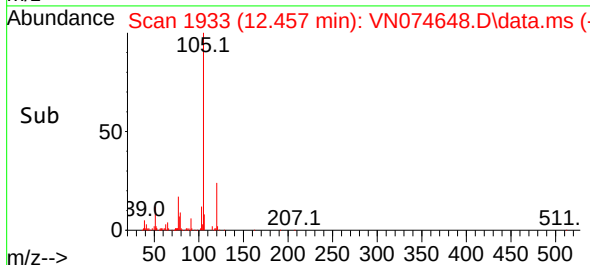
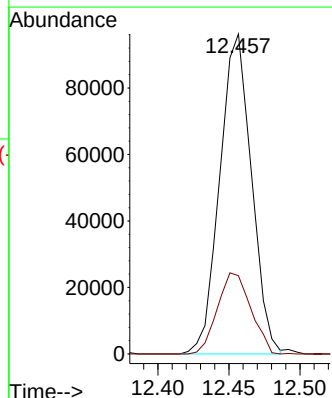
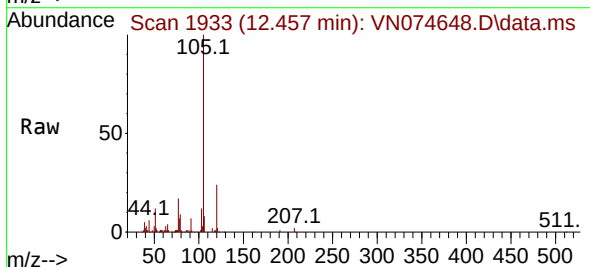
Acq: 28 Sep 2022 15:13

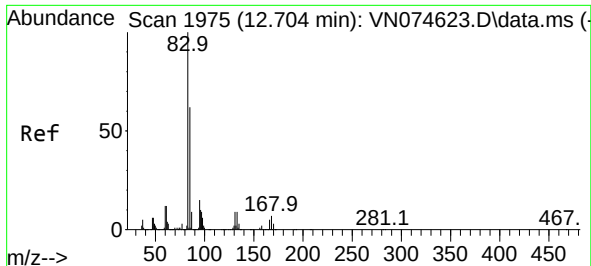
Tgt Ion:105 Resp: 149330

Ion Ratio Lower Upper

105 100

120 26.7 18.5 34.3

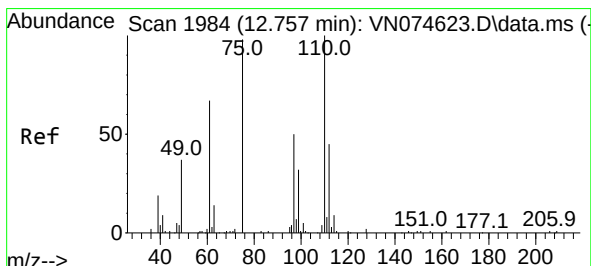
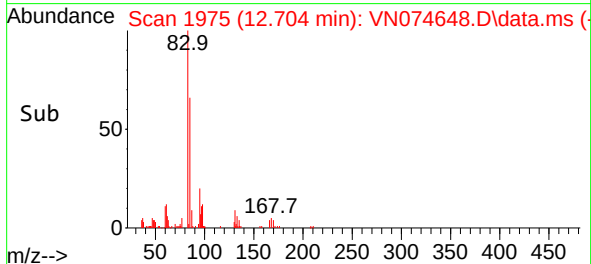
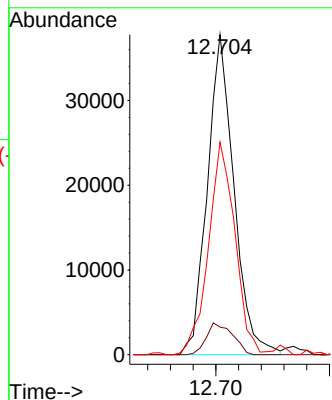
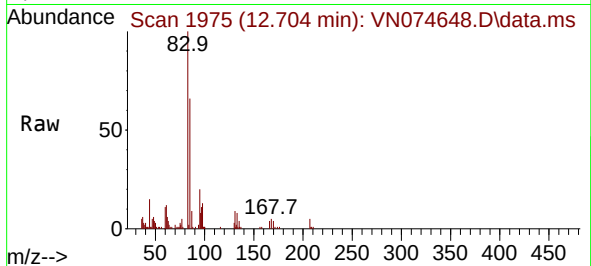




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.282 ug/l
 RT: 12.704 min Scan# 1975
 Delta R.T. -0.000 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

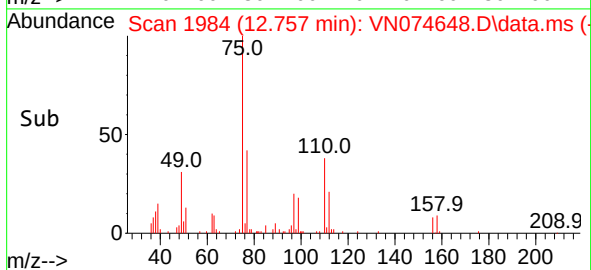
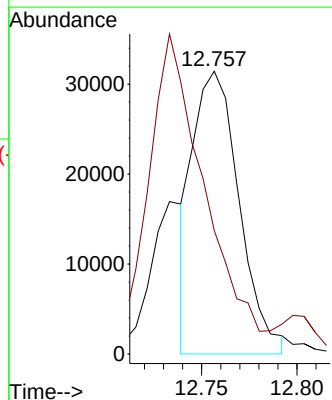
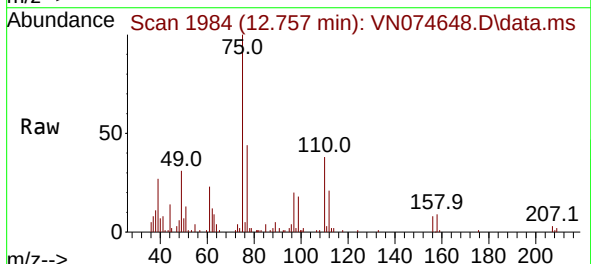
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT3-2022

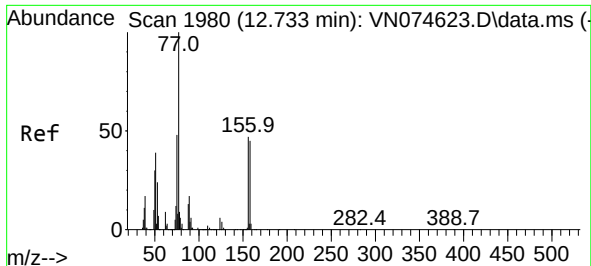
Tgt Ion: 83 Resp: 61502
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.5 13.5
 85 66.1 30.9 92.7



#72
 1,2,3-Trichloropropane
 Concen: 4.880 ug/l m
 RT: 12.757 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

Tgt Ion: 75 Resp: 53059
 Ion Ratio Lower Upper
 75 100
 77 138.9 0.0 372.4

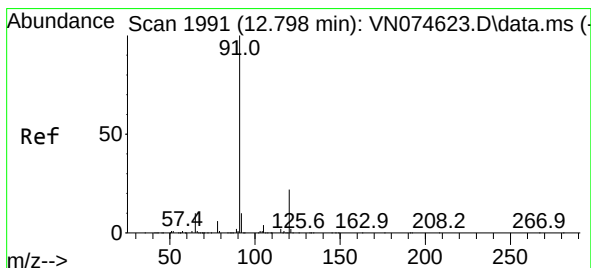
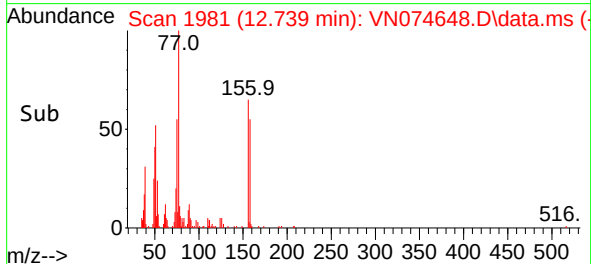
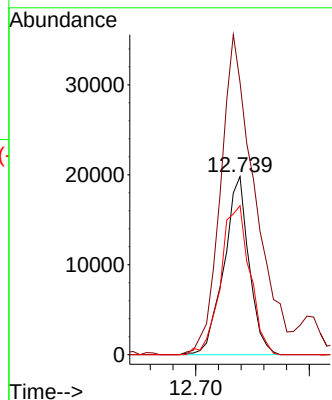
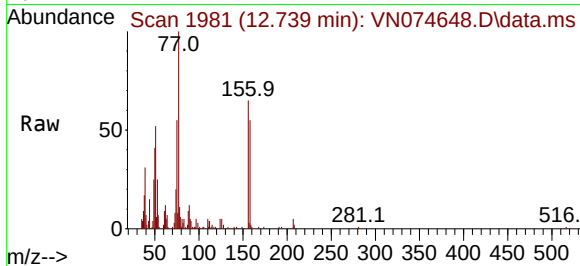




#73
Bromobenzene
Concen: 3.726 ug/l
RT: 12.739 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

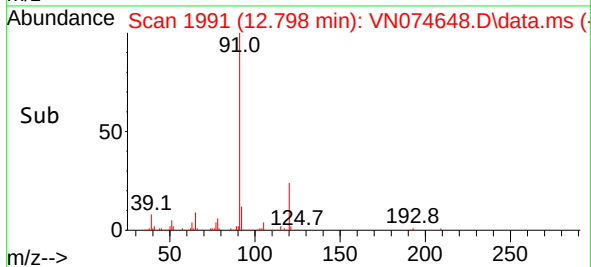
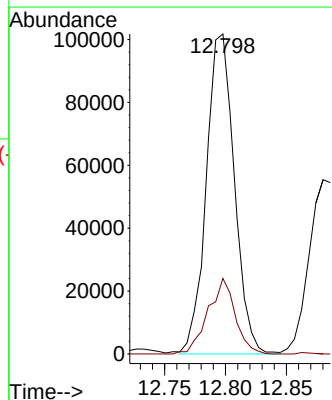
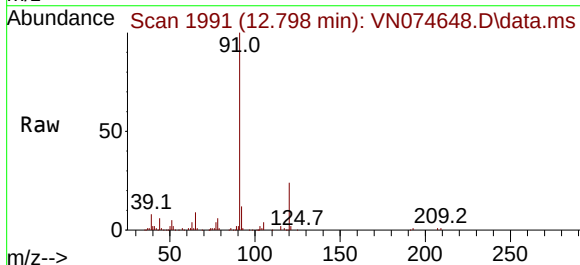
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

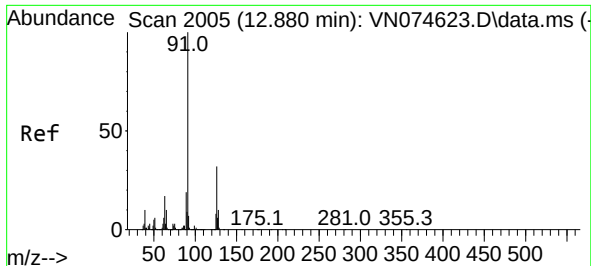
Tgt Ion:156 Resp: 30297
Ion Ratio Lower Upper
156 100
77 243.2 0.0 491.8
158 98.0 0.0 185.0



#74
n-propylbenzene
Concen: 3.588 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 91 Resp: 163607
Ion Ratio Lower Upper
91 100
120 22.8 0.0 44.6

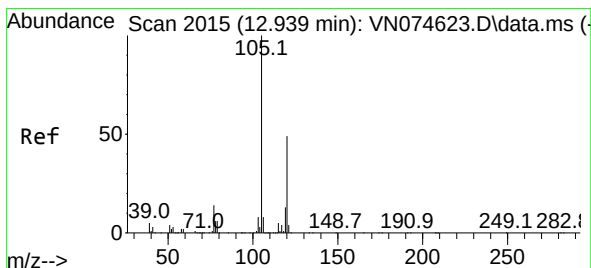
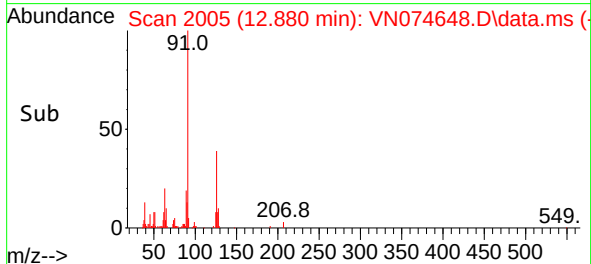
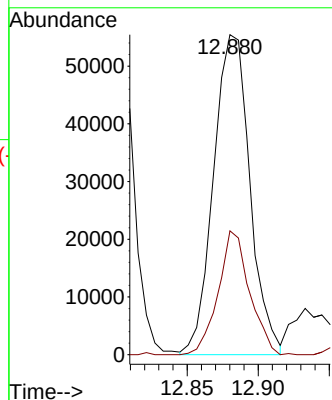
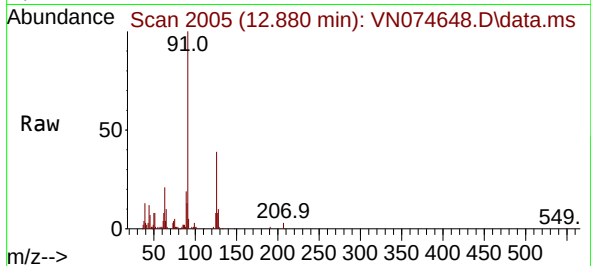




#75
2-Chlorotoluene
Concen: 3.571 ug/l
RT: 12.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

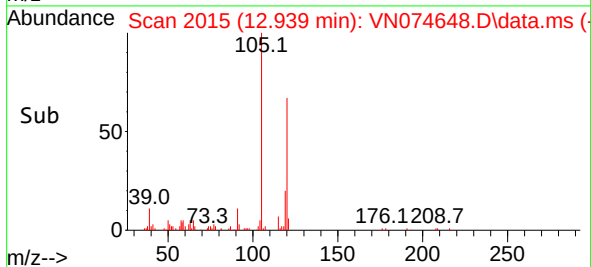
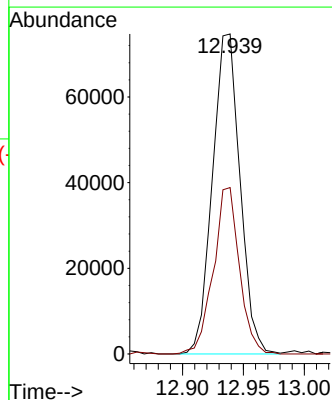
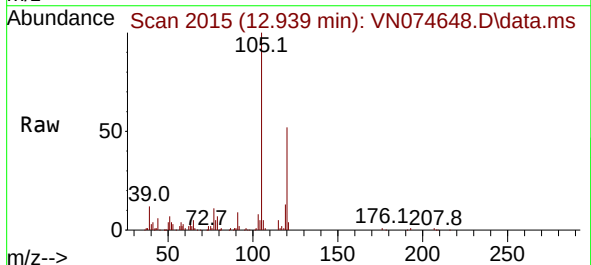
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

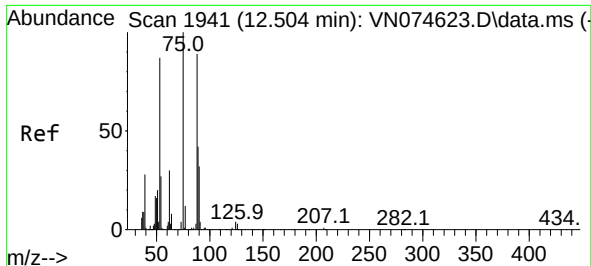
Tgt Ion: 91 Resp: 98776
Ion Ratio Lower Upper
91 100
126 33.3 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 3.449 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 105 Resp: 117674
Ion Ratio Lower Upper
105 100
120 49.2 0.0 97.4

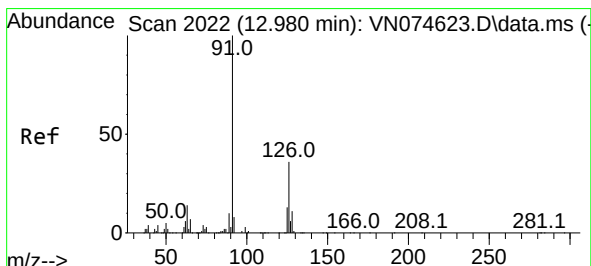
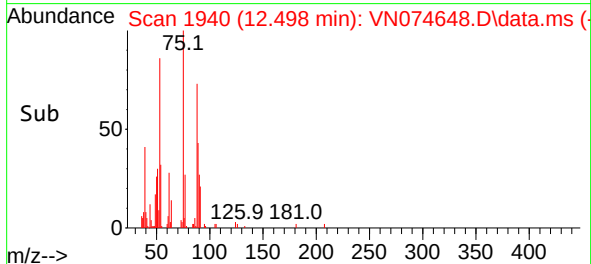
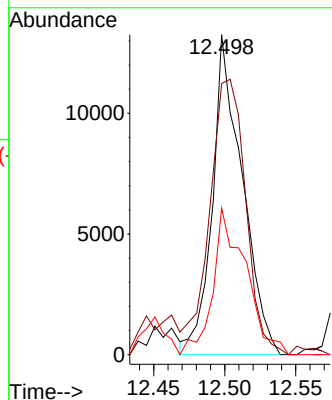
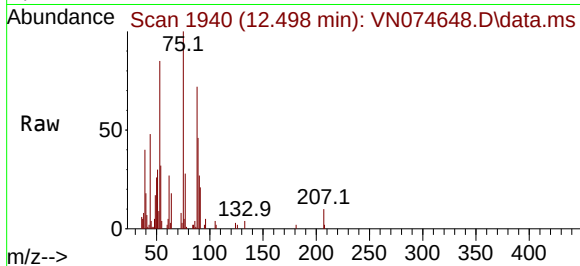




#77
t-1,4-Dichloro-2-butene
Concen: 3.440 ug/l
RT: 12.498 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

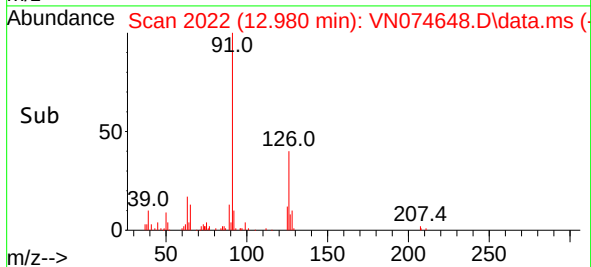
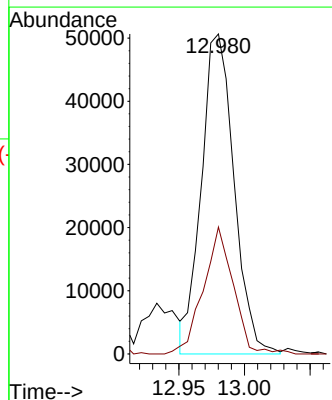
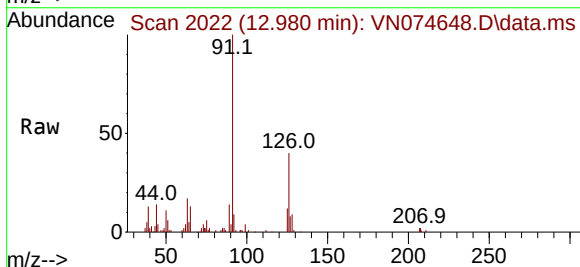
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

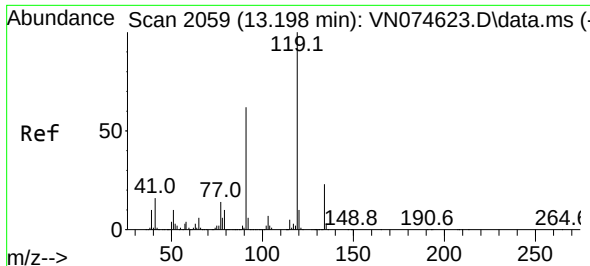
Tgt Ion: 75 Resp: 19375
Ion Ratio Lower Upper
75 100
53 83.0 43.3 129.9
89 45.8 21.1 63.1



#78
4-Chlorotoluene
Concen: 3.171 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 91 Resp: 87880
Ion Ratio Lower Upper
91 100
126 35.6 0.0 67.8

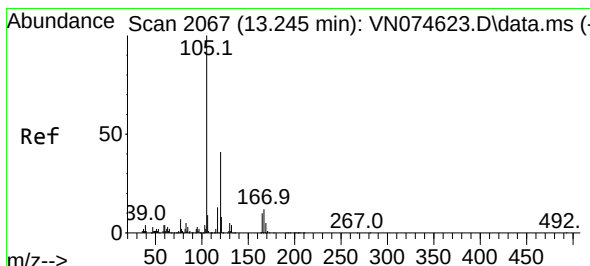
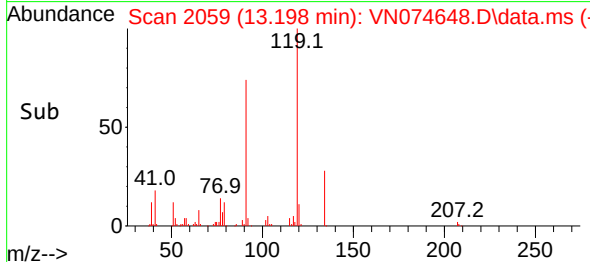
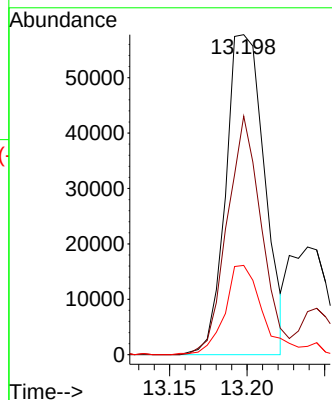
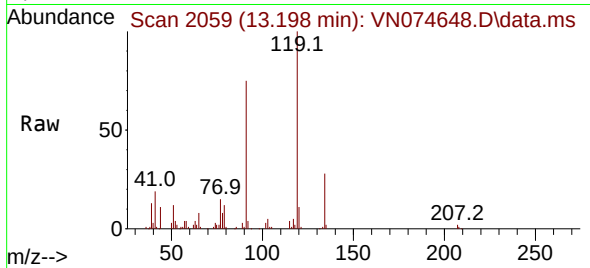




#79
tert-butylbenzene
Concen: 3.367 ug/l
RT: 13.198 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

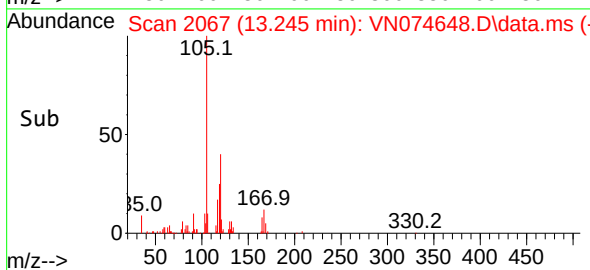
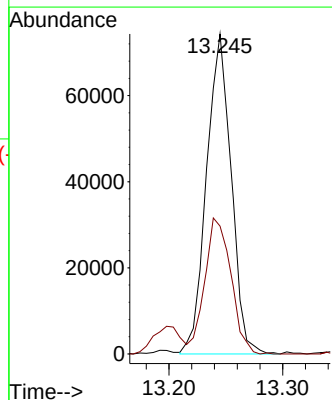
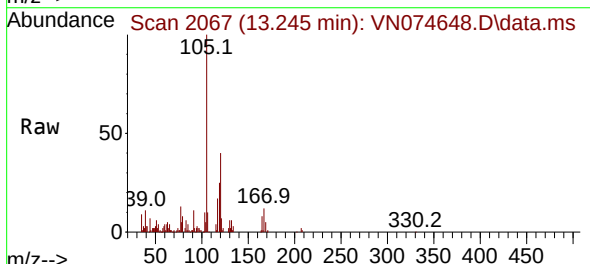
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

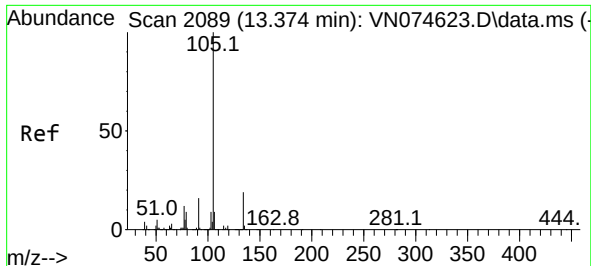
Tgt Ion:119 Resp: 100498
Ion Ratio Lower Upper
119 100
91 66.2 0.0 129.0
134 27.1 0.0 52.2



#80
1,2,4-Trimethylbenzene
Concen: 3.331 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion:105 Resp: 112243
Ion Ratio Lower Upper
105 100
120 44.9 0.0 93.2

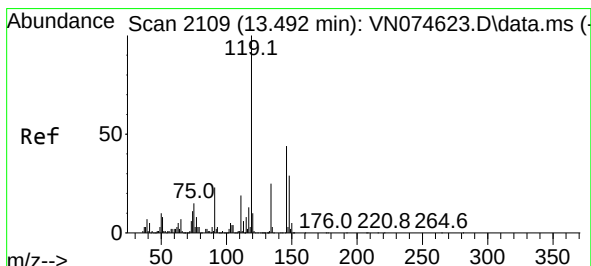
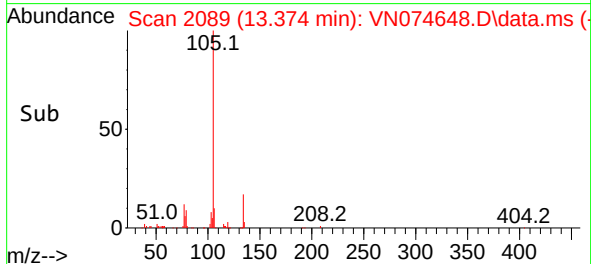
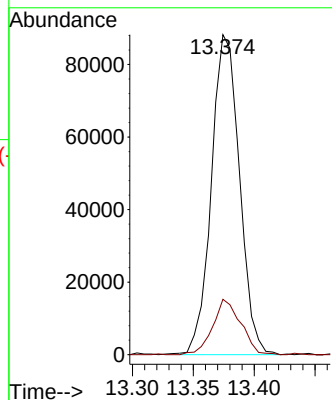
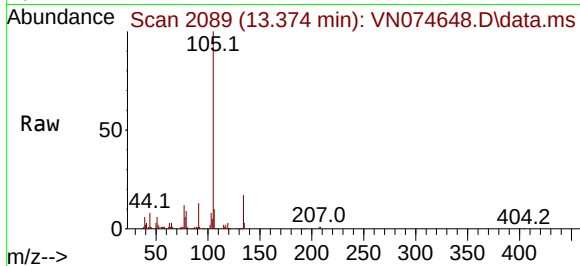




#81
 sec-Butylbenzene
 Concen: 3.353 ug/l
 RT: 13.374 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

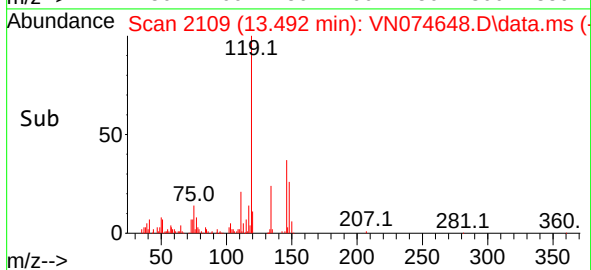
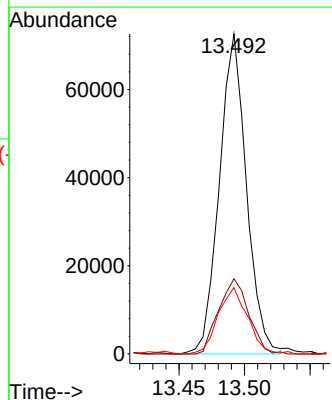
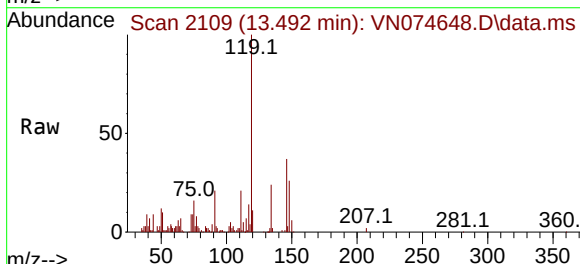
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2022

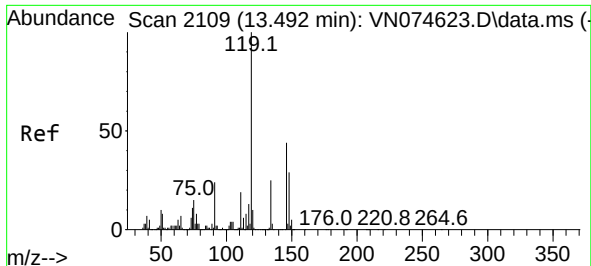
Tgt Ion:105 Resp: 141663
 Ion Ratio Lower Upper
 105 100
 134 17.2 0.0 38.8



#82
 p-Isopropyltoluene
 Concen: 2.998 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

Tgt Ion:119 Resp: 104216
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.4
 91 22.5 0.0 46.8

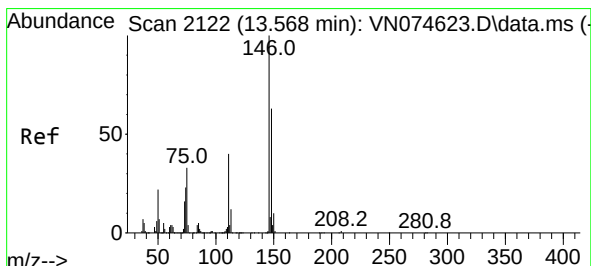
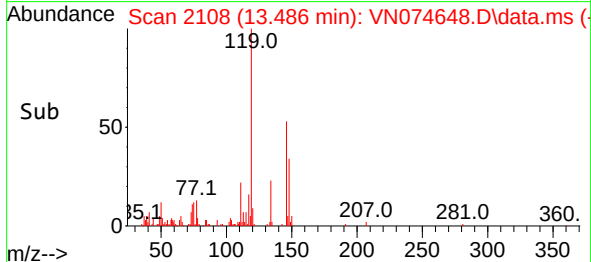
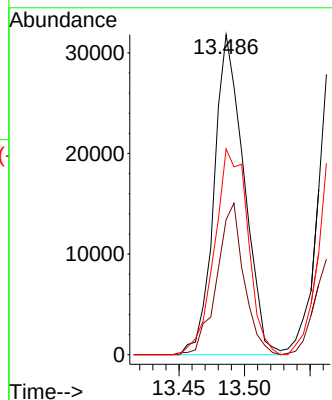
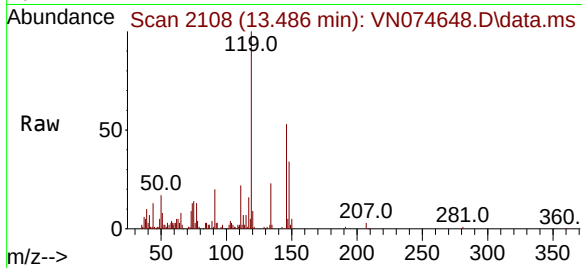




#83
 1,3-Dichlorobenzene
 Concen: 3.020 ug/l
 RT: 13.486 min Scan# 2109
 Delta R.T. -0.006 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

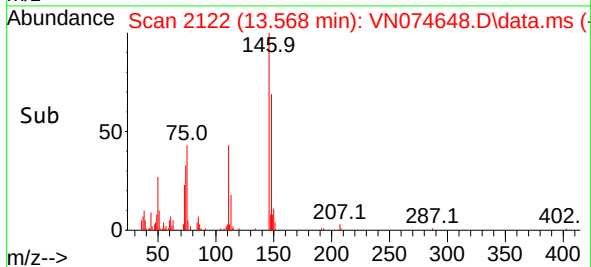
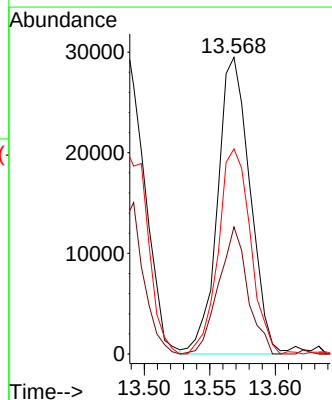
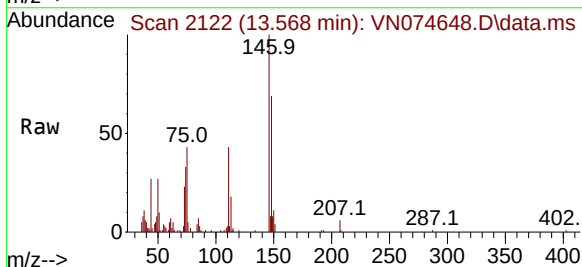
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2022

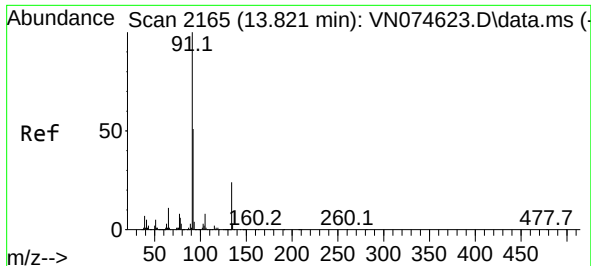
Tgt Ion:146 Resp: 50451
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.5 61.5
 148 71.5 31.0 93.0



#84
 1,4-Dichlorobenzene
 Concen: 3.041 ug/l
 RT: 13.568 min Scan# 2122
 Delta R.T. -0.000 min
 Lab File: VN074648.D
 Acq: 28 Sep 2022 15:13

Tgt Ion:146 Resp: 50528
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.5
 148 68.8 31.7 95.1

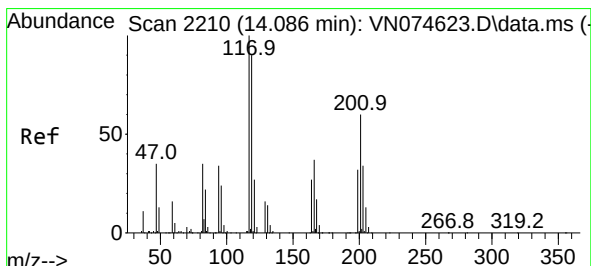
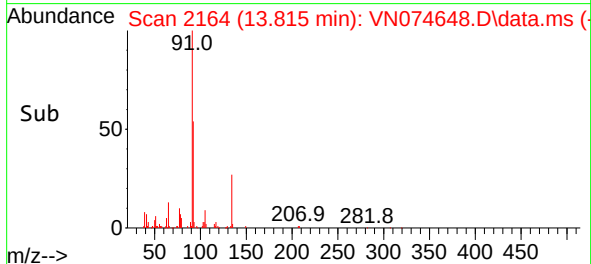
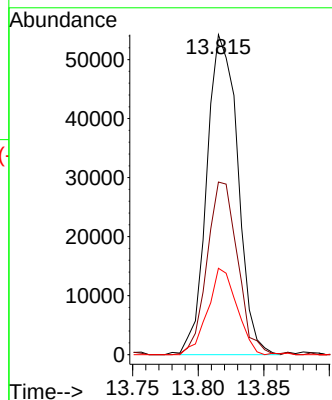
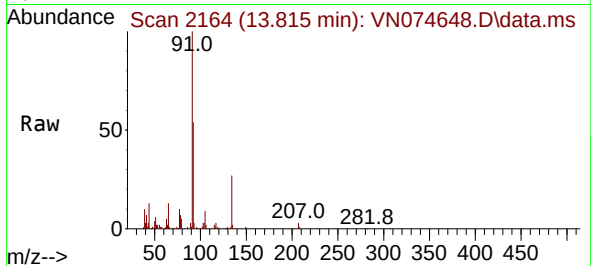




#85
n-Butylbenzene
Concen: 3.003 ug/l
RT: 13.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

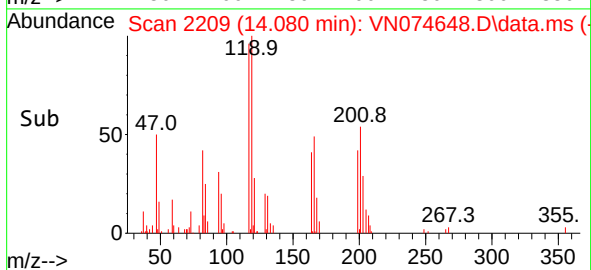
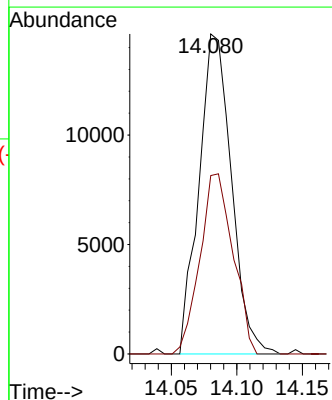
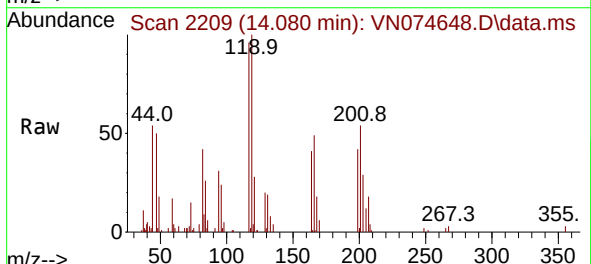
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

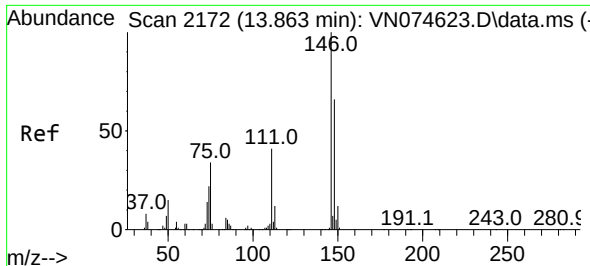
Tgt Ion: 91 Resp: 89048
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.4
134 25.5 0.0 46.4



#86
Hexachloroethane
Concen: 3.761 ug/l
RT: 14.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 117 Resp: 25183
Ion Ratio Lower Upper
117 100
201 57.5 29.4 88.3

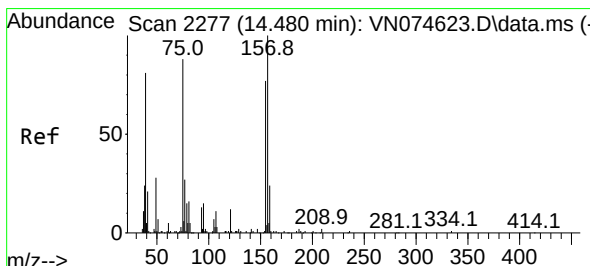
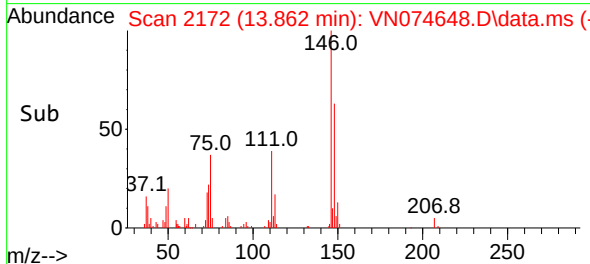
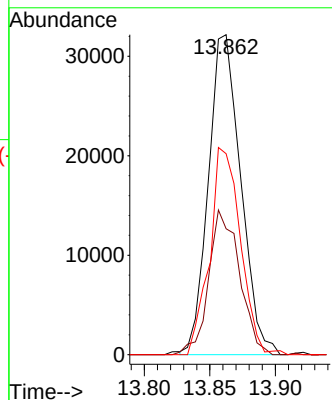
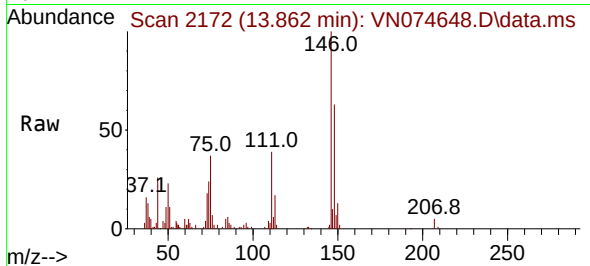




#87
1,2-Dichlorobenzene
Concen: 3.233 ug/l
RT: 13.862 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

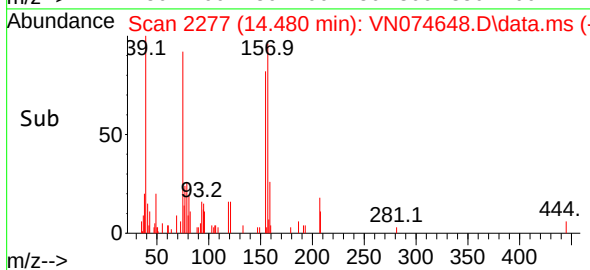
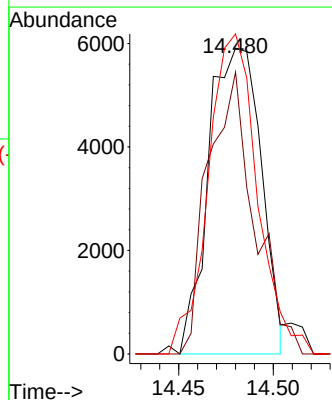
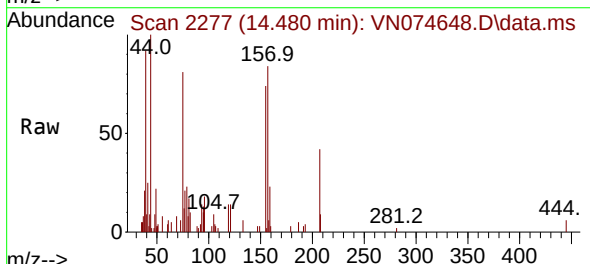
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2022

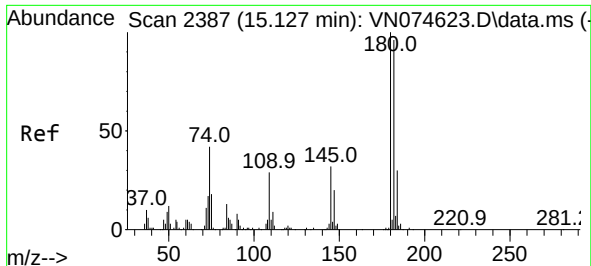
Tgt Ion:146 Resp: 55247
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.2
148 61.0 30.6 92.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.800 ug/l
RT: 14.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion: 75 Resp: 11430
Ion Ratio Lower Upper
75 100
155 81.0 66.3 99.5
157 97.7 84.3 126.5

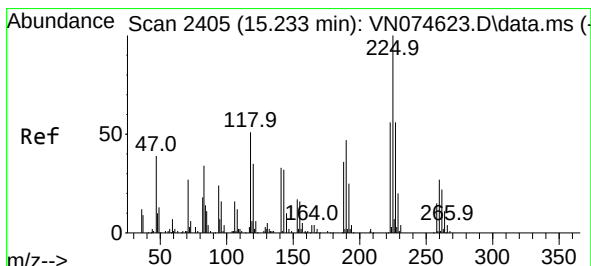
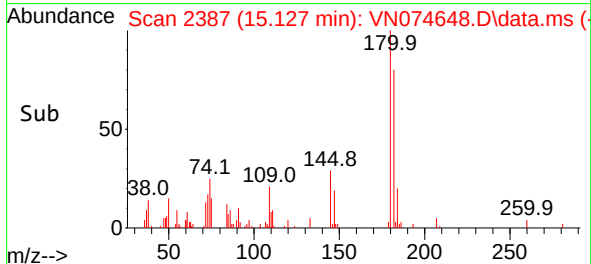
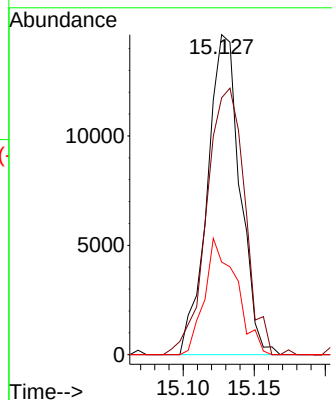
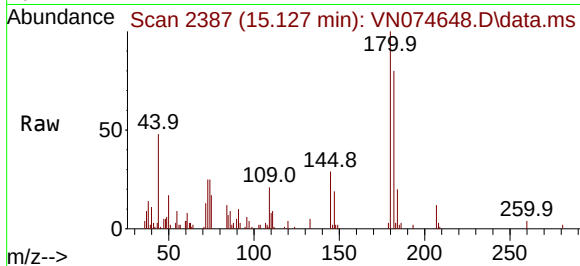




#89
1,2,4-Trichlorobenzene
Concen: 3.299 ug/l
RT: 15.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

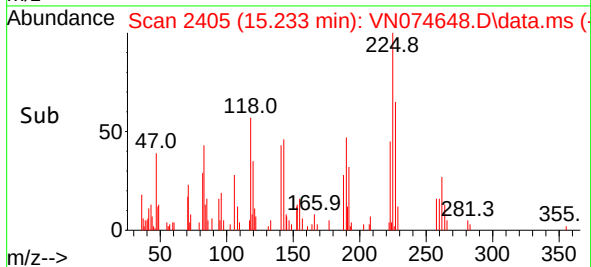
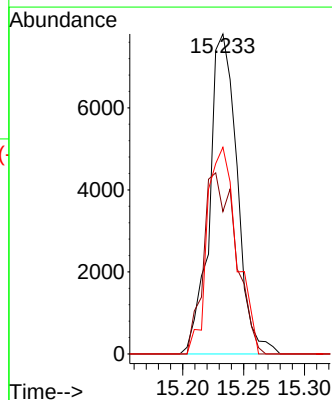
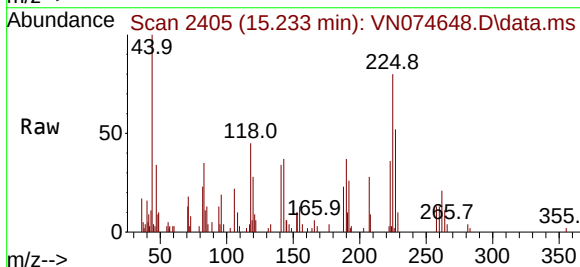
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

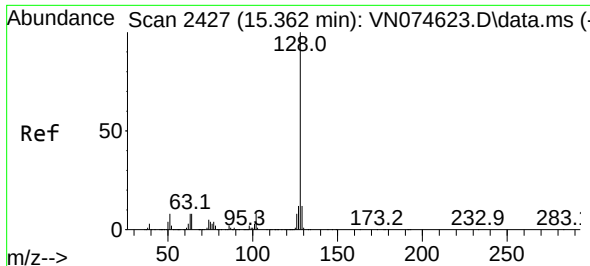
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	74.9	112.3
145	35.2	26.3	39.5



#90
Hexachlorobutadiene
Concen: 3.919 ug/l
RT: 15.233 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.5	0.0	125.0
227	69.0	0.0	123.0

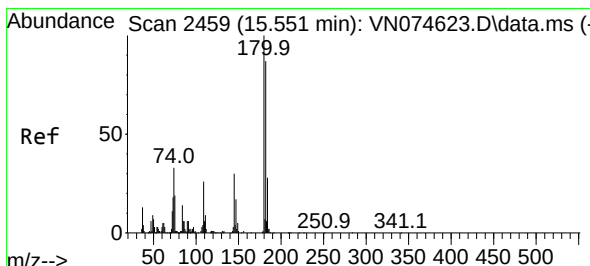
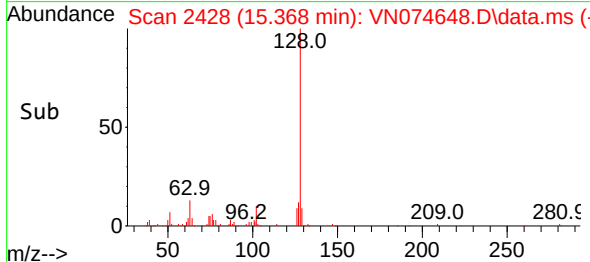
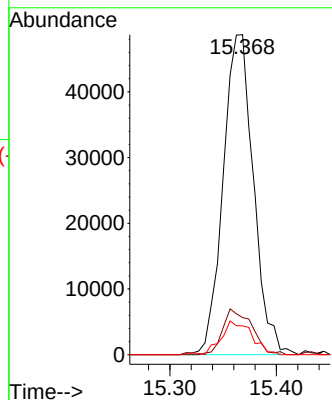
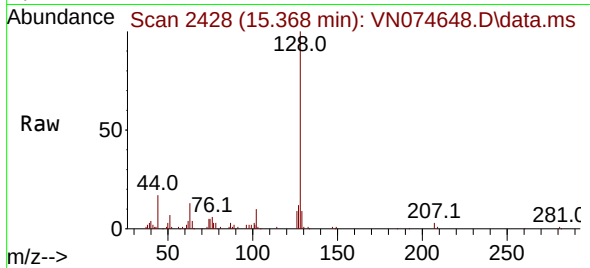




#91
Naphthalene
Concen: 3.218 ug/l
RT: 15.368 min Scan# 2427
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

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

Tgt Ion:128 Resp: 96240
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 7.3 8.9 13.3#



#92
1,2,3-Trichlorobenzene
Concen: 3.353 ug/l
RT: 15.556 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VN074648.D
Acq: 28 Sep 2022 15:13

Tgt Ion:180 Resp: 23964
Ion Ratio Lower Upper
180 100
182 92.1 0.0 185.4
145 34.2 0.0 68.6

