

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077710.D
 Acq On : 17 May 2023 13:45
 Operator : JC\MD
 Sample : 02213-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Quant Time: May 18 02:40:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 02:40:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	372925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	702108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	593331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	237063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	296180	53.080	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.160%	
35) Dibromofluoromethane	8.171	113	236978	51.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.520%	
50) Toluene-d8	10.571	98	883006	50.107	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.853	95	280078	45.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	1631	0.384	ug/l	86
3) Chloromethane	2.365	50	3205	0.630	ug/l	96
4) Vinyl Chloride	2.512	62	2128	0.398	ug/l #	81
5) Bromomethane	2.971	94	2853	0.721	ug/l #	66
6) Chloroethane	3.112	64	1119	0.290	ug/l #	43
7) Trichlorofluoromethane	3.501	101	2767	0.371	ug/l	96
8) Diethyl Ether	3.971	74	671	0.246	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	1423	0.345	ug/l	88
10) Methyl Iodide	4.612	142	2534	0.515	ug/l #	82
11) Tert butyl alcohol	5.536	59	996	1.293	ug/l #	72
12) 1,1-Dichloroethene	4.353	96	1454	0.371	ug/l #	68
13) Acrolein	4.189	56	348	0.635	ug/l #	16
14) Allyl chloride	5.030	41	2211	0.384	ug/l #	32
15) Acrylonitrile	5.706	53	778	0.378	ug/l #	1
16) Acetone	4.448	43	2259	1.287	ug/l #	73
17) Carbon Disulfide	4.718	76	4499	0.426	ug/l #	80
18) Methyl Acetate	5.048	43	3741	0.508	ug/l #	61
20) Methylene Chloride	5.277	84	2279	0.433	ug/l #	75
21) trans-1,2-Dichloroethene	5.800	96	1693	0.384	ug/l #	58
22) Diisopropyl ether	6.689	45	4103	0.304	ug/l #	80
23) Vinyl Acetate	6.618	43	13239	1.582	ug/l #	82
24) 1,1-Dichloroethane	6.577	63	2623	0.317	ug/l #	81
25) 2-Butanone	7.506	43	4806	1.750	ug/l #	70
26) 2,2-Dichloropropane	7.512	77	2471	0.352	ug/l #	53
27) cis-1,2-Dichloroethene	7.506	96	2091	0.396	ug/l	90
29) Tetrahydrofuran	7.847	42	2866	1.594	ug/l #	31
30) Chloroform	7.977	83	3808	0.418	ug/l #	64
31) Cyclohexane	8.236	56	11388	1.502	ug/l #	52
32) 1,1,1-Trichloroethane	8.177	97	2947	0.381	ug/l #	42
36) 1,1-Dichloropropene	8.371	75	1603	0.239	ug/l #	76
37) Ethyl Acetate	7.577	43	1520	0.255	ug/l #	79
38) Carbon Tetrachloride	8.377	117	2271	0.336	ug/l #	67
39) Methylcyclohexane	9.612	83	2751	0.336	ug/l #	79
40) Benzene	8.612	78	7144	0.362	ug/l	95
41) Methacrylonitrile	7.789	41	1006	0.316	ug/l #	74
42) 1,2-Dichloroethane	8.677	62	2979	0.415	ug/l #	73

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.688	43	2684	0.275	ug/l	98
44) Trichloroethene	9.359	130	2173	0.434	ug/l	84
45) 1,2-Dichloropropane	9.630	63	1503	0.298	ug/l #	73
46) Dibromomethane	9.712	93	1366	0.379	ug/l	95
47) Bromodichloromethane	9.883	83	2605	0.377	ug/l #	76
48) Methyl methacrylate	9.683	41	1808	0.391	ug/l #	74
49) 1,4-Dioxane	9.712	88	568	6.506	ug/l #	56
51) 4-Methyl-2-Pentanone	10.447	43	8754	1.511	ug/l	96
52) Toluene	10.635	92	4461	0.363	ug/l	98
53) t-1,3-Dichloropropene	10.847	75	2115	0.289	ug/l #	70
54) cis-1,3-Dichloropropene	10.318	75	2297	0.285	ug/l #	79
55) 1,1,2-Trichloroethane	11.024	97	1771	0.363	ug/l #	77
56) Ethyl methacrylate	10.882	69	2585	0.350	ug/l	89
57) 1,3-Dichloropropane	11.171	76	2917	0.348	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	5043	1.388	ug/l	94
59) 2-Hexanone	11.200	43	6937	1.618	ug/l	92
60) Dibromochloromethane	11.359	129	1679	0.333	ug/l	86
61) 1,2-Dibromoethane	11.477	107	1609	0.330	ug/l	91
64) Tetrachloroethene	11.106	164	1676	0.404	ug/l #	50
65) Chlorobenzene	11.894	112	4720	0.367	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.971	131	1446	0.325	ug/l #	63
67) Ethyl Benzene	11.971	91	7753	0.336	ug/l #	87
68) m/p-Xylenes	12.076	106	4966	0.569	ug/l	79
69) o-Xylene	12.412	106	2899	0.338	ug/l	95
70) Styrene	12.418	104	4649	0.341	ug/l	93
71) Bromoform	12.594	173	644	0.218	ug/l #	59
73) Isopropylbenzene	12.706	105	7292	0.357	ug/l	96
74) N-amyl acetate	12.506	43	2790	0.369	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.947	83	2358	0.375	ug/l #	90
76) 1,2,3-Trichloropropane	12.853	75	151792	25.568	ug/l #	1
77) Bromobenzene	12.988	156	2092	0.449	ug/l	93
78) n-propylbenzene	13.041	91	8280	0.344	ug/l	95
79) 2-Chlorotoluene	13.135	91	5326	0.370	ug/l	94
80) 1,3,5-Trimethylbenzene	13.182	105	5697	0.332	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	151792	81.727	ug/l #	15
82) 4-Chlorotoluene	13.229	91	6049	0.423	ug/l	97
83) tert-Butylbenzene	13.441	119	5265	0.351	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	5873	0.348	ug/l	100
85) sec-Butylbenzene	13.623	105	6049	0.284	ug/l	98
86) p-Isopropyltoluene	13.741	119	5201	0.306	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	3731	0.433	ug/l	95
88) 1,4-Dichlorobenzene	13.735	146	3731	0.436	ug/l	93
89) n-Butylbenzene	14.065	91	5678	0.363	ug/l	98
90) Hexachloroethane	14.335	117	730	0.262	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	3286	0.408	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.729	75	611	0.502	ug/l #	63
93) 1,2,4-Trichlorobenzene	15.406	180	2637	0.560	ug/l	83
94) Hexachlorobutadiene	15.512	225	444	0.227	ug/l #	35
95) Naphthalene	15.647	128	9082	0.560	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.847	180	2546	0.552	ug/l	94

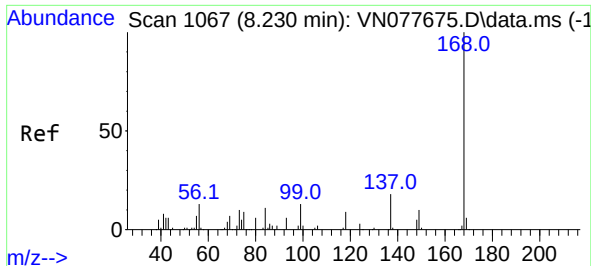
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN077710.D

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Instrument :

MSVOA_N

ClientSampleId :

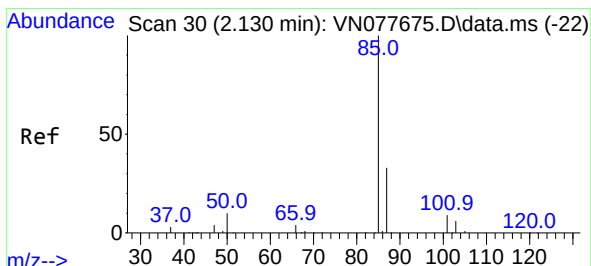
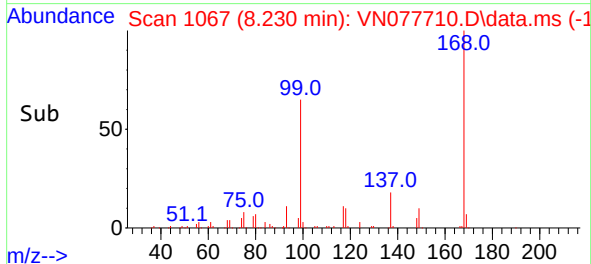
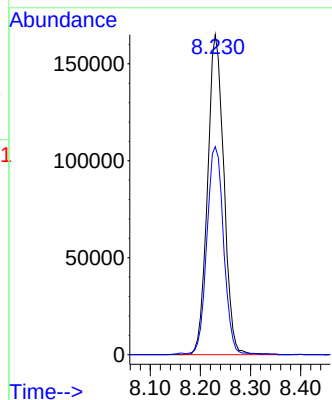
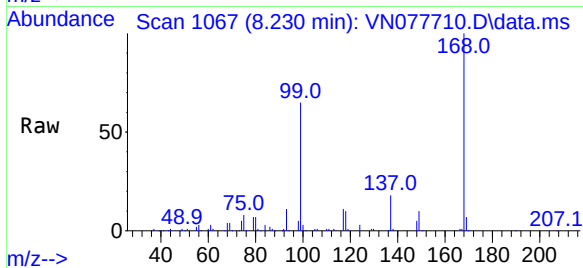
MDL-WATER-03-QT2-2023

Tgt Ion:168 Resp: 372925

Ion Ratio Lower Upper

168 100

99 65.0 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.384 ug/l

RT: 2.130 min Scan# 30

Delta R.T. 0.000 min

Lab File: VN077710.D

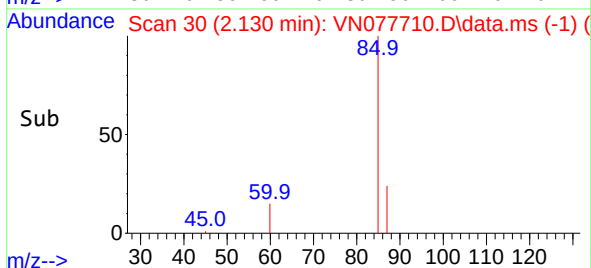
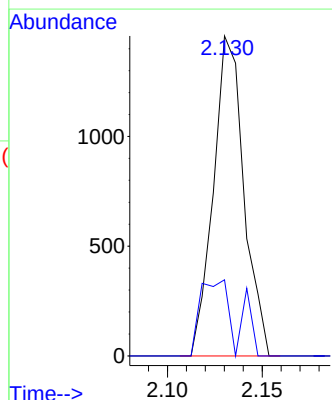
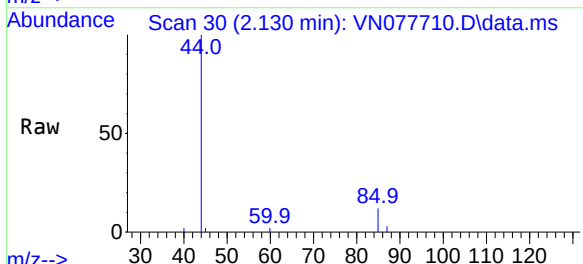
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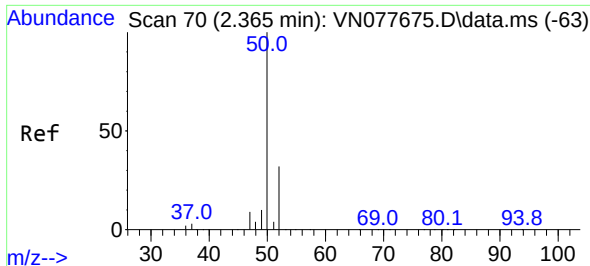
Tgt Ion: 85 Resp: 1631

Ion Ratio Lower Upper

85 100

87 23.8 15.8 47.4

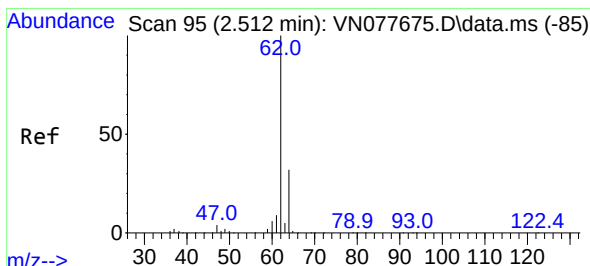
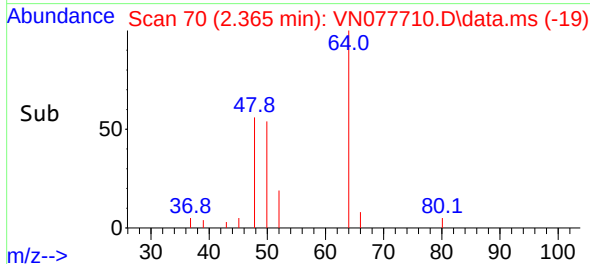
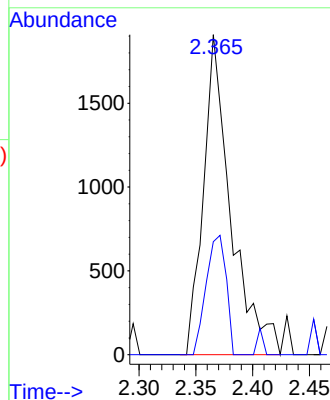
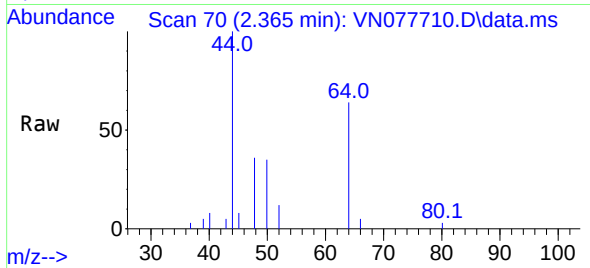




#3
Chloromethane
Concen: 0.630 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

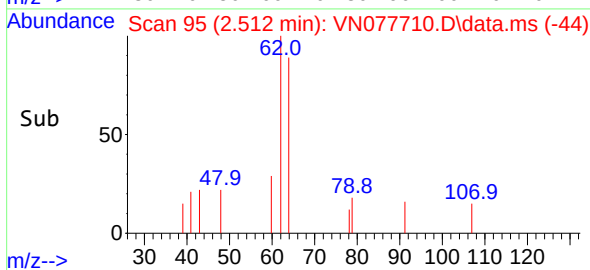
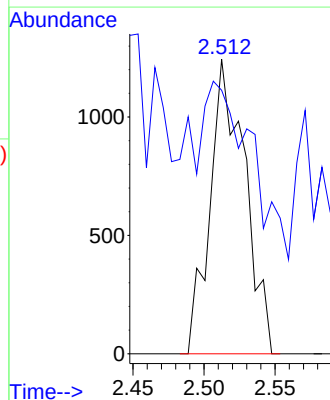
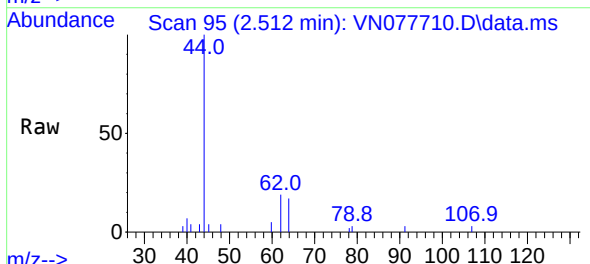
Instrument :
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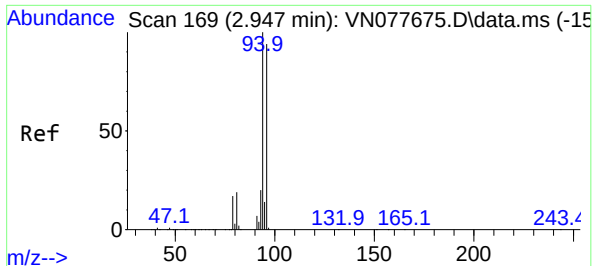
Tgt Ion: 50 Resp: 3205
Ion Ratio Lower Upper
50 100
52 35.3 26.5 39.7



#4
Vinyl Chloride
Concen: 0.398 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 62 Resp: 2128
Ion Ratio Lower Upper
62 100
64 43.4 26.2 39.2#

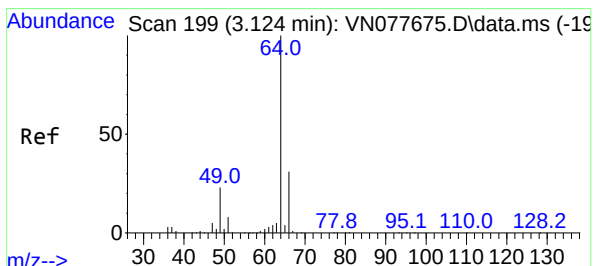
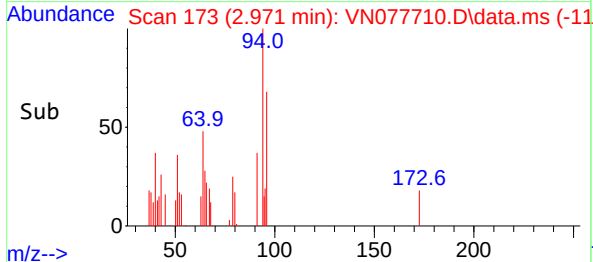
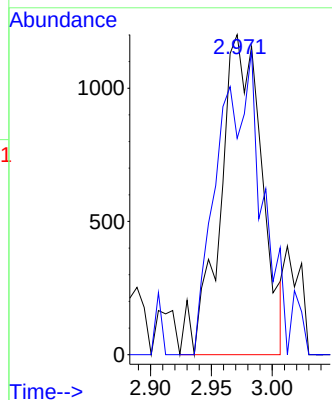
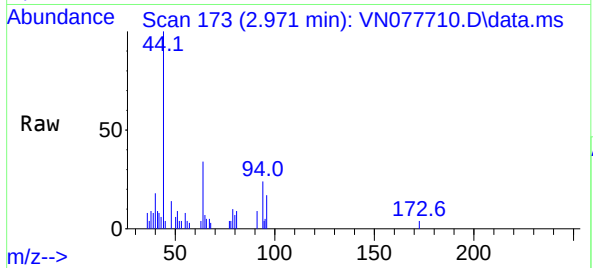




#5
Bromomethane
Concen: 0.721 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

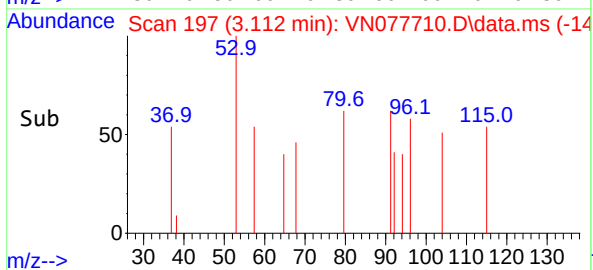
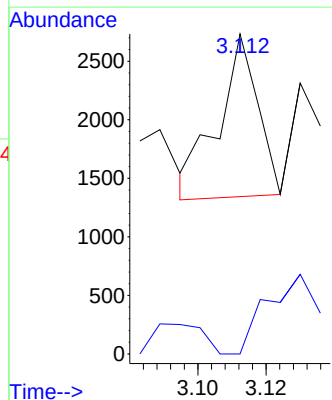
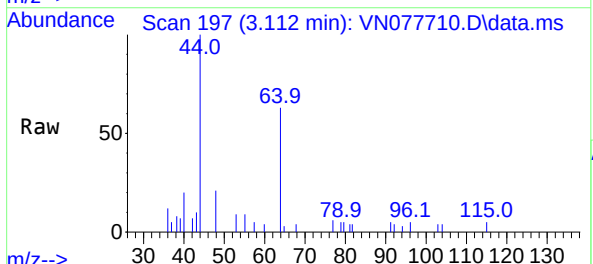
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MDL-WATER-03-QT2-2023

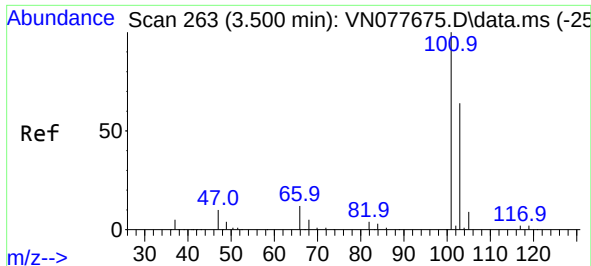
Tgt Ion: 94 Resp: 2853
Ion Ratio Lower Upper
94 100
96 59.0 73.1 109.7#



#6
Chloroethane
Concen: 0.290 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 64 Resp: 1119
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

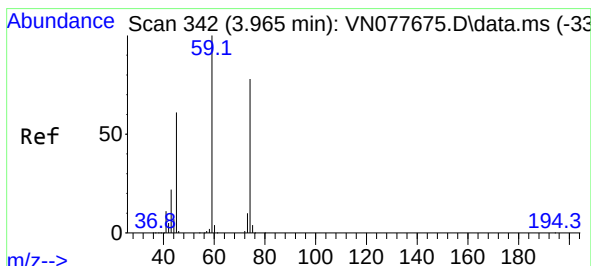
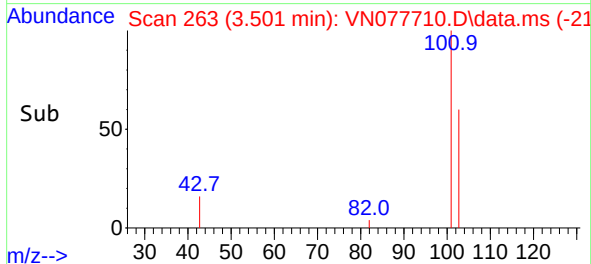
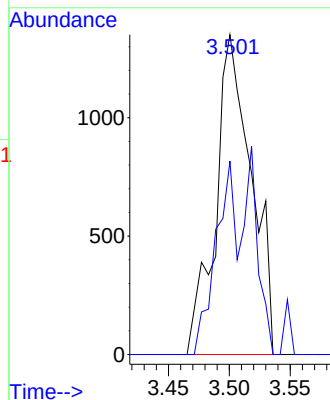
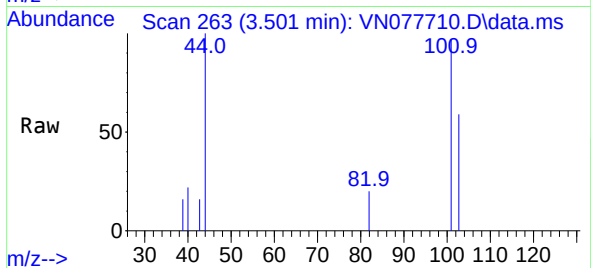




#7
 Trichlorofluoromethane
 Concen: 0.371 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VN077710.D
 Acq: 17 May 2023 13:45

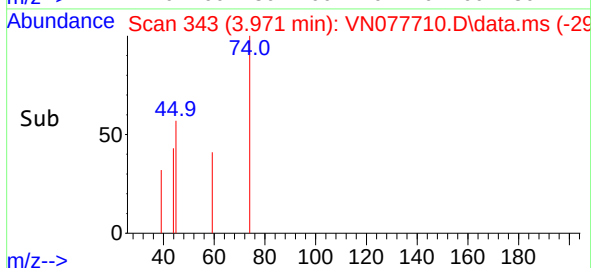
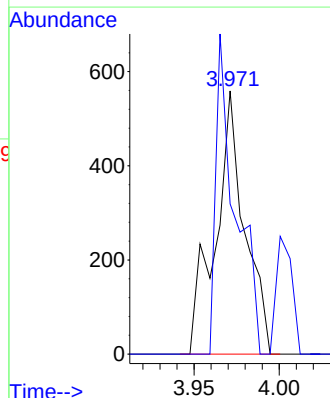
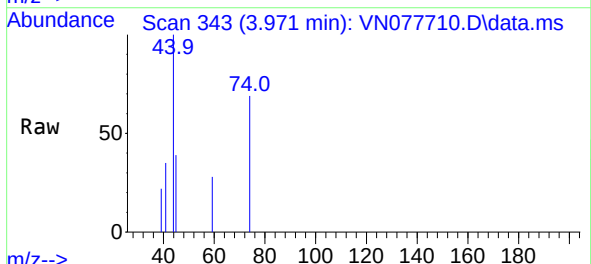
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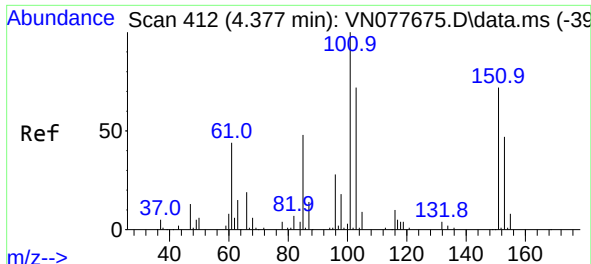
Tgt Ion:101 Resp: 2767
 Ion Ratio Lower Upper
 101 100
 103 60.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 0.246 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
 Lab File: VN077710.D
 Acq: 17 May 2023 13:45

Tgt Ion: 74 Resp: 671
 Ion Ratio Lower Upper
 74 100
 45 80.6 34.4 103.3



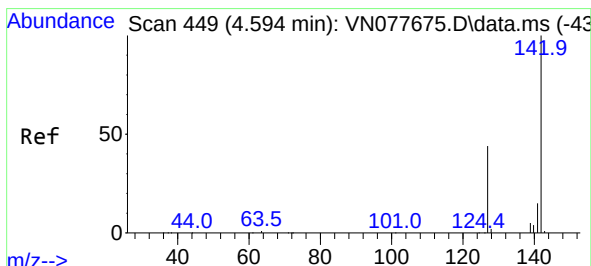
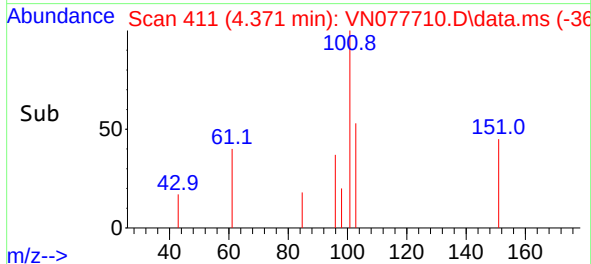
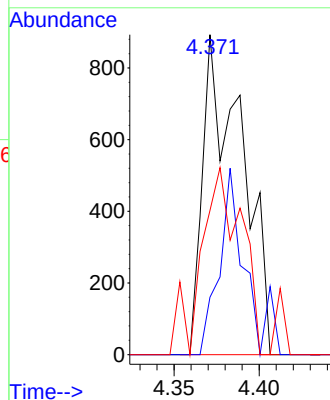
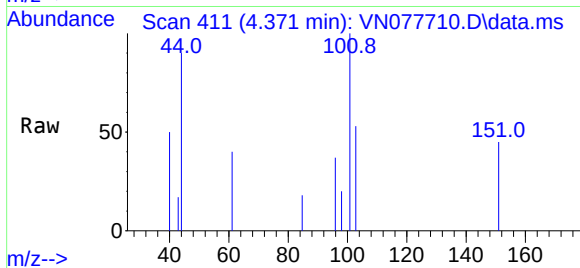


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.345 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:101 Resp: 1423

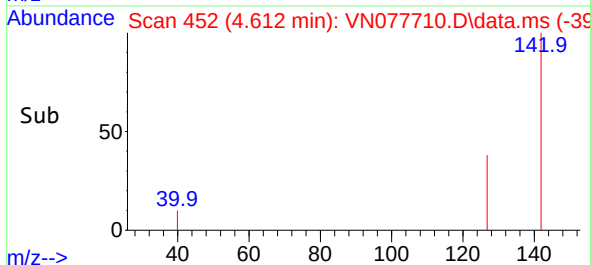
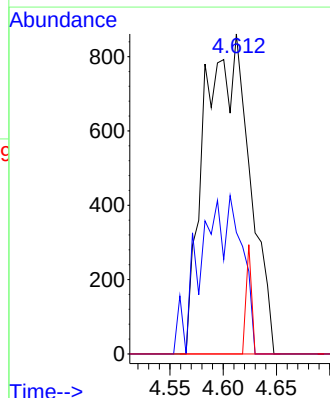
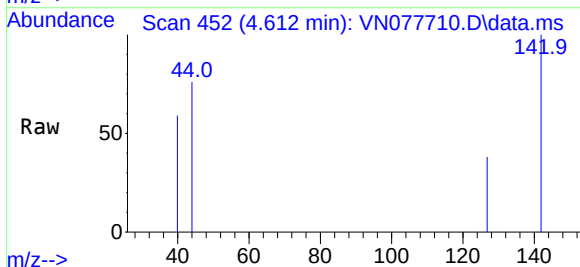
Ion	Ratio	Lower	Upper
101	100		
85	38.8	36.6	55.0
151	60.8	57.6	86.4

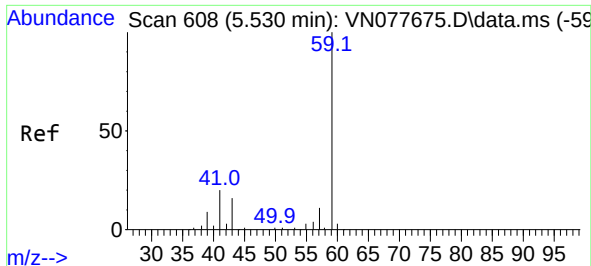


#10
Methyl Iodide
Concen: 0.515 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.018 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:142 Resp: 2534

Ion	Ratio	Lower	Upper
142	100		
127	38.0	37.6	56.4
141	0.0	11.4	17.0





#11

Tert butyl alcohol

Concen: 1.293 ug/l

RT: 5.536 min Scan# 608

Delta R.T. 0.006 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

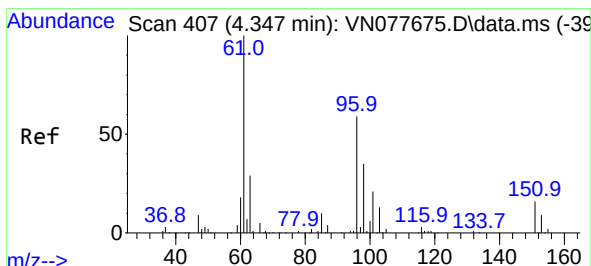
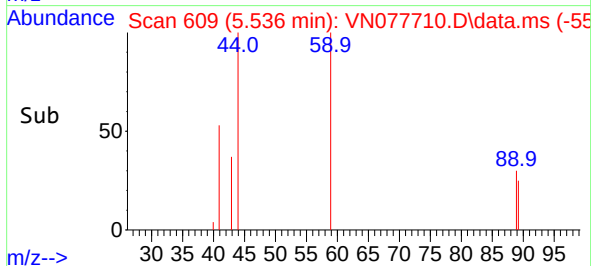
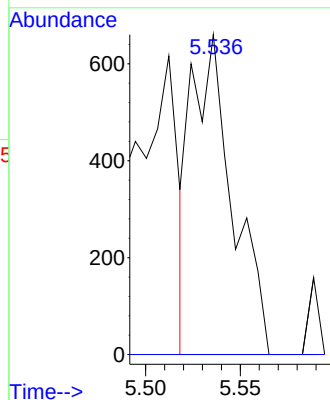
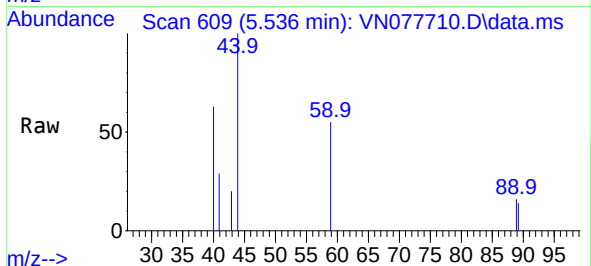
MDL-WATER-03-QT2-2023

Tgt Ion: 59 Resp: 996

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.371 ug/l

RT: 4.353 min Scan# 408

Delta R.T. 0.006 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

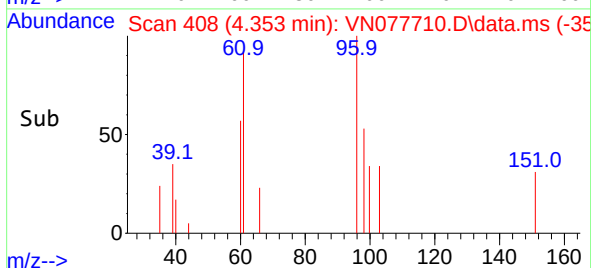
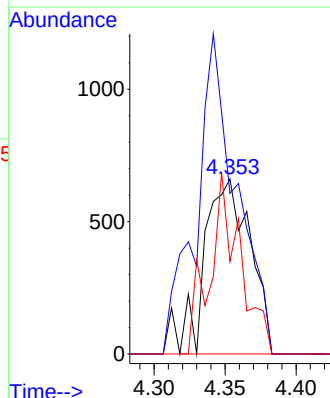
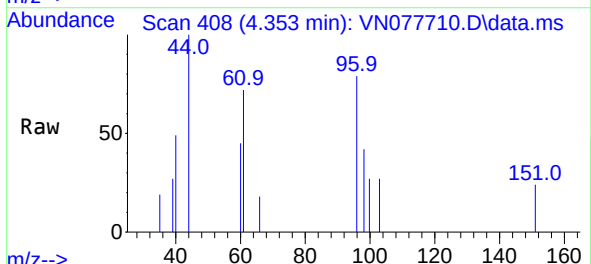
Tgt Ion: 96 Resp: 1454

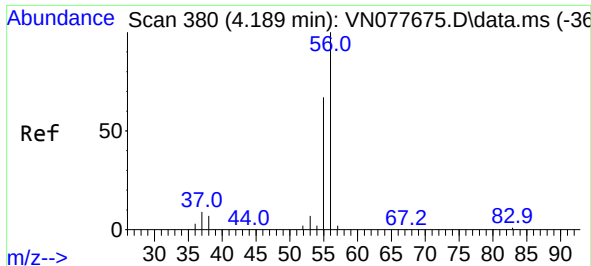
Ion Ratio Lower Upper

96 100

61 91.8 112.7 169.1#

98 53.0 51.2 76.8





#13

Acrolein

Concen: 0.635 ug/l

RT: 4.189 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

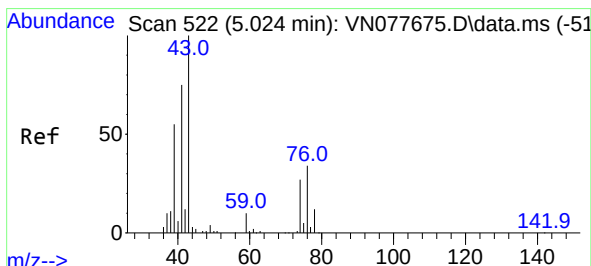
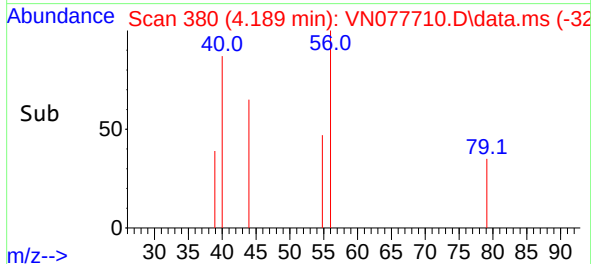
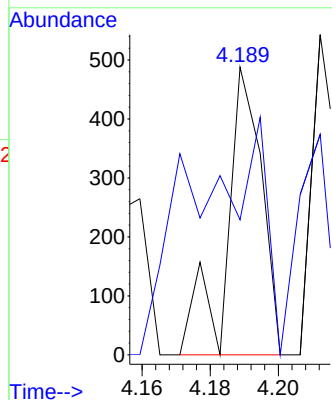
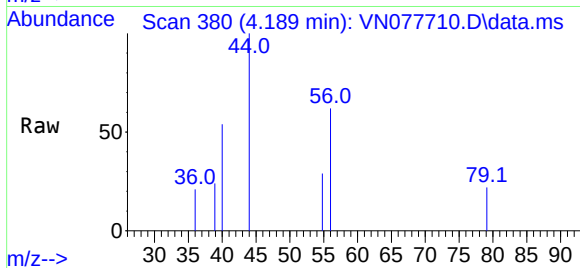
MDL-WATER-03-QT2-2023

Tgt Ion: 56 Resp: 348

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#14

Allyl chloride

Concen: 0.384 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

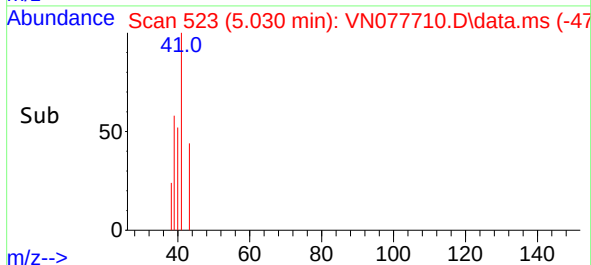
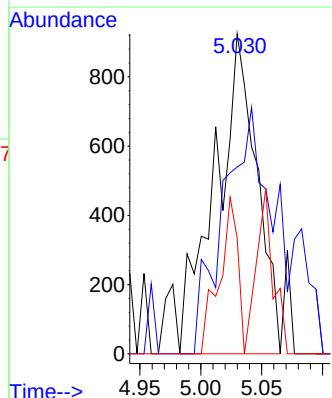
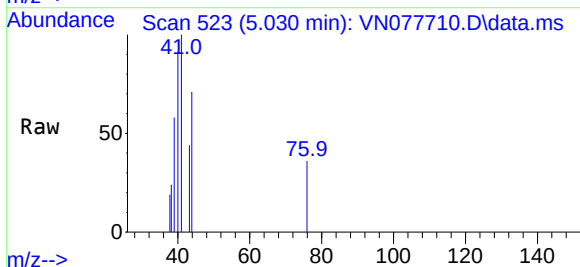
Tgt Ion: 41 Resp: 2211

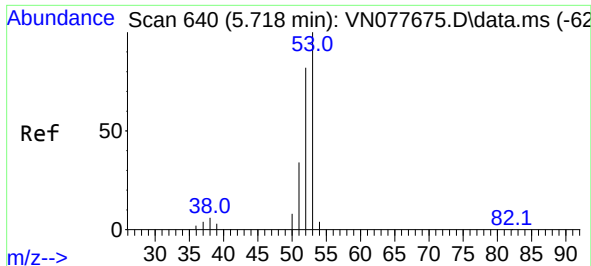
Ion Ratio Lower Upper

41 100

39 0.0 58.8 88.2#

76 21.8 39.1 58.7#

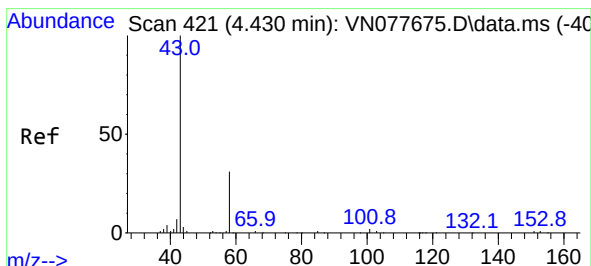
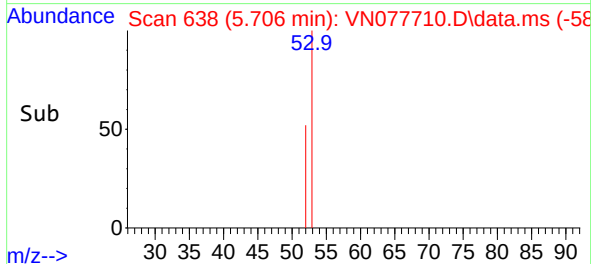
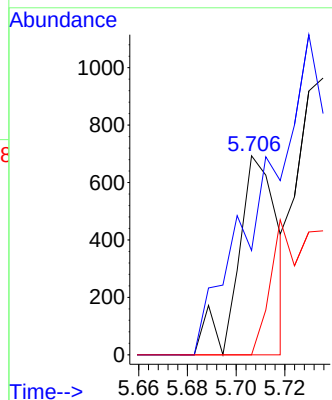
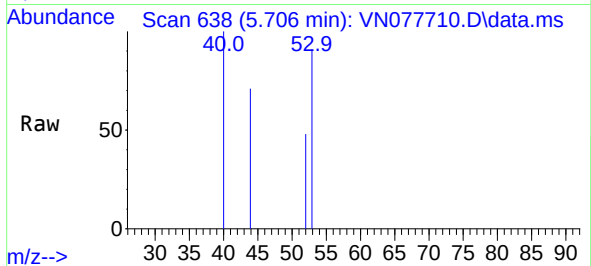




#15
Acrylonitrile
Concen: 0.378 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

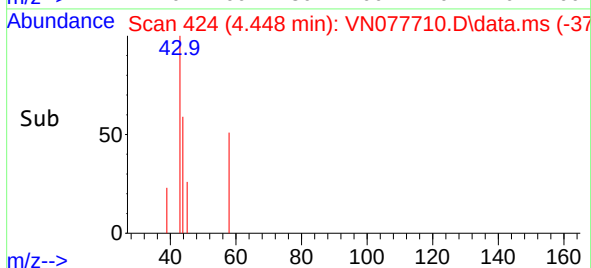
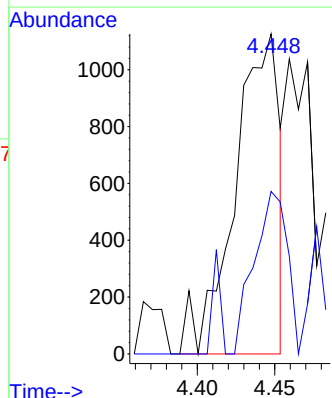
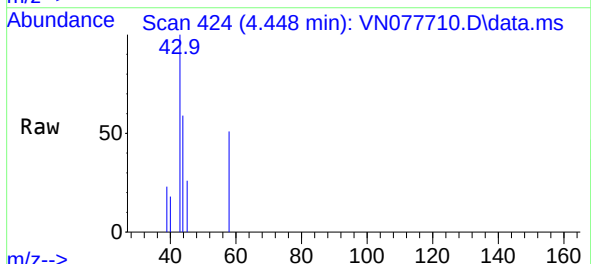
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

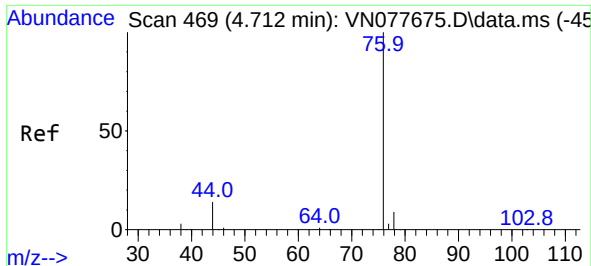
Tgt Ion: 53 Resp: 778
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 128.4 28.9 43.3#



#16
Acetone
Concen: 1.287 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 43 Resp: 2259
Ion Ratio Lower Upper
43 100
58 50.8 28.0 42.0#

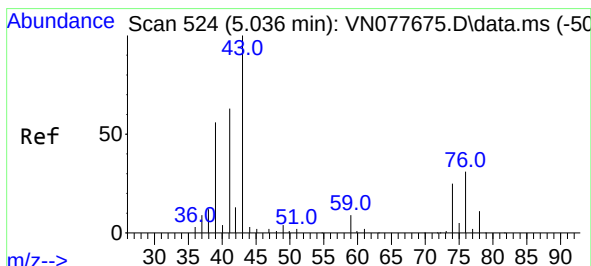
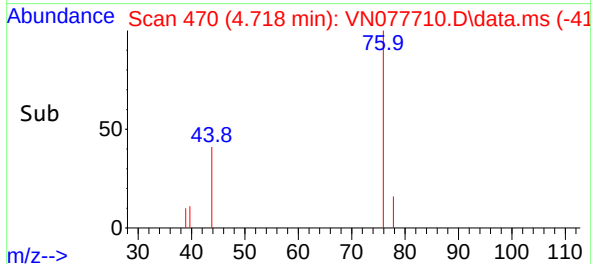
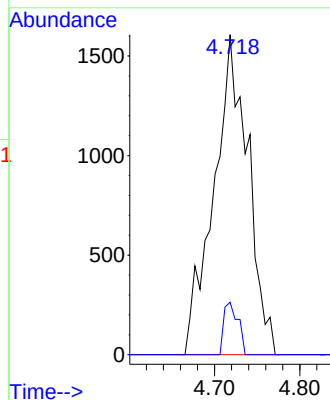
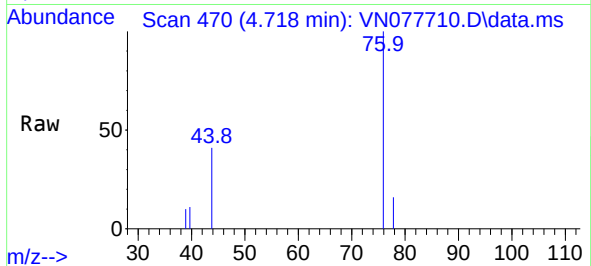




#17
Carbon Disulfide
Concen: 0.426 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

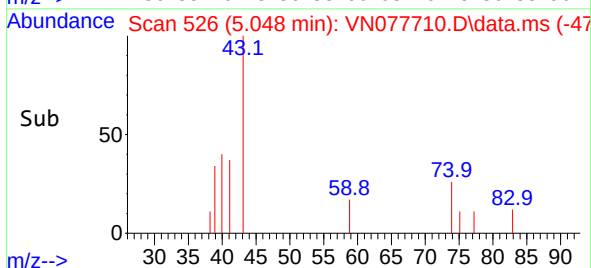
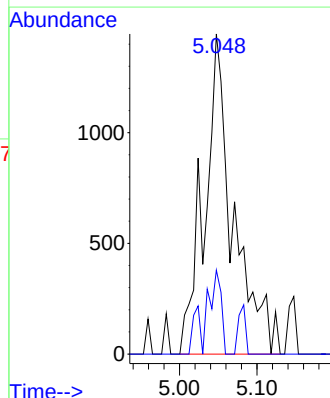
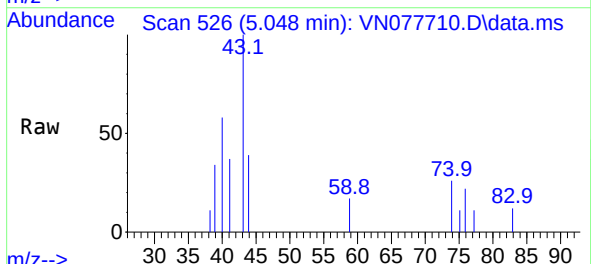
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

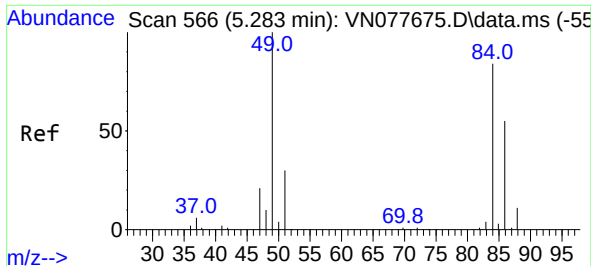
Tgt Ion: 76 Resp: 4499
Ion Ratio Lower Upper
76 100
78 16.4 7.4 11.0#



#18
Methyl Acetate
Concen: 0.508 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 43 Resp: 3741
Ion Ratio Lower Upper
43 100
74 10.9 26.2 39.4#



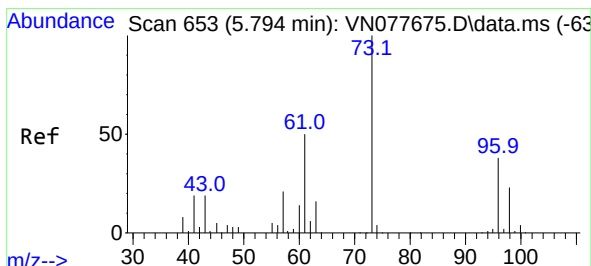
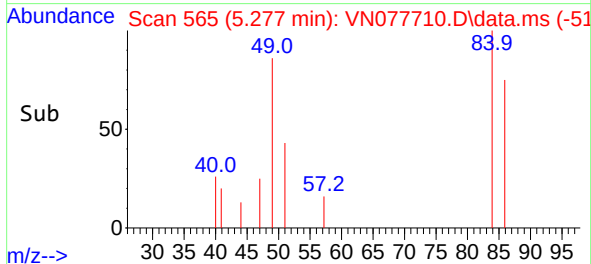
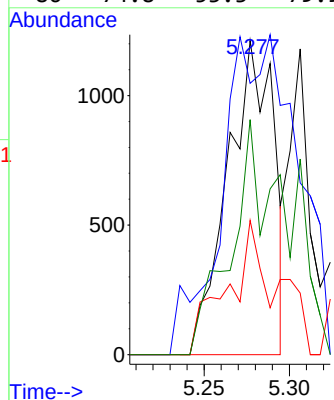
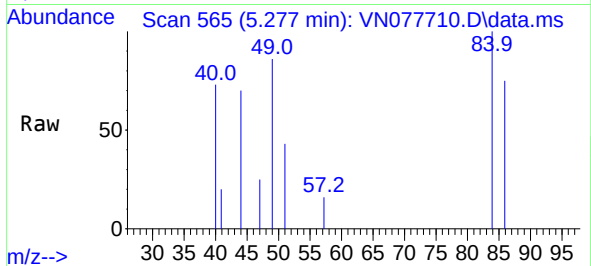


#20
Methylene Chloride
Concen: 0.433 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 84 Resp: 2279

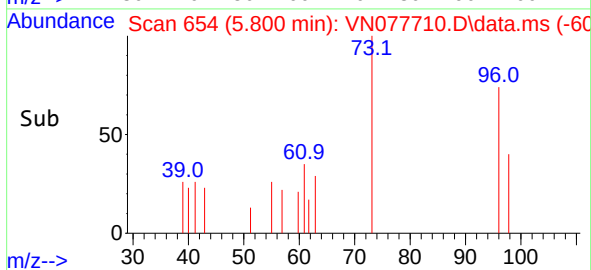
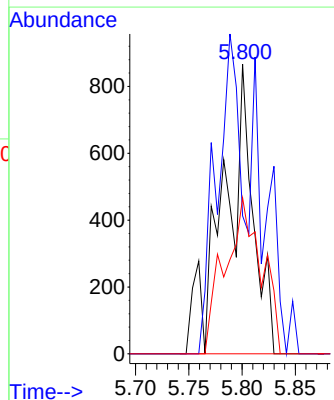
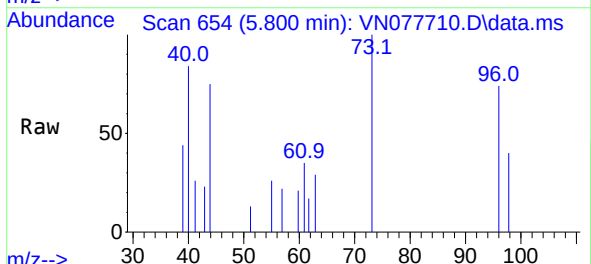
Ion	Ratio	Lower	Upper
84	100		
49	64.4	79.7	119.5#
51	42.7	25.2	37.8#
86	74.8	53.3	79.9

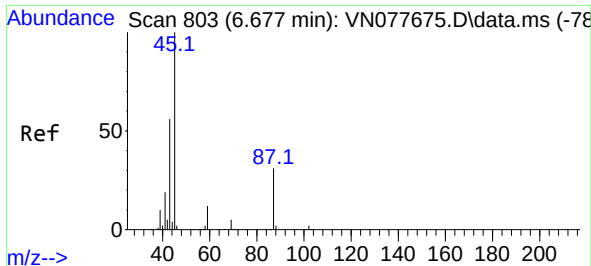


#21
trans-1,2-Dichloroethene
Concen: 0.384 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 96 Resp: 1693

Ion	Ratio	Lower	Upper
96	100		
61	47.6	90.1	135.1#
98	53.9	46.4	69.6

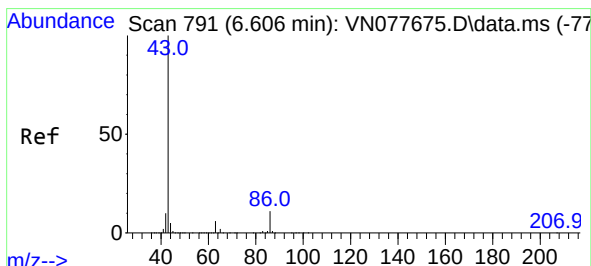
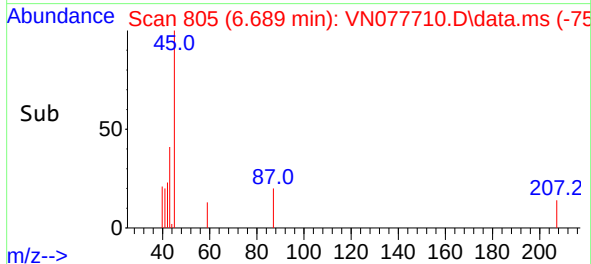
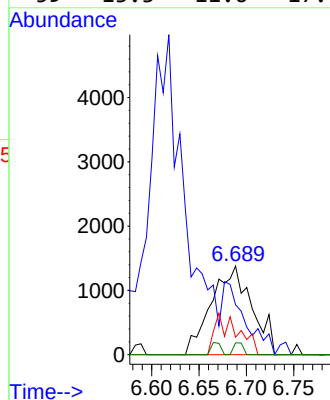
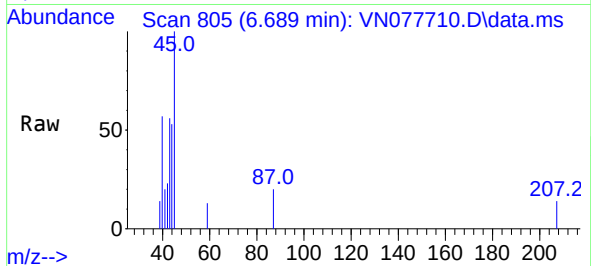




#22
Diisopropyl ether
Concen: 0.304 ug/l
RT: 6.689 min Scan# 803
Delta R.T. 0.012 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

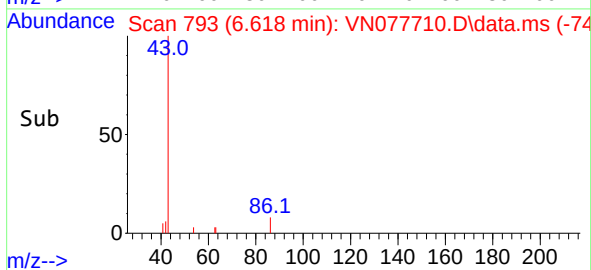
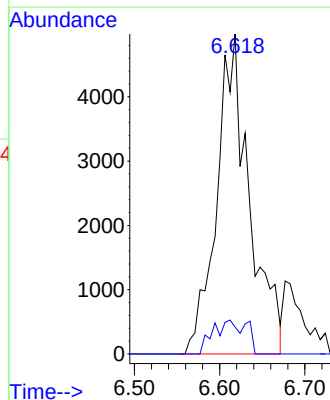
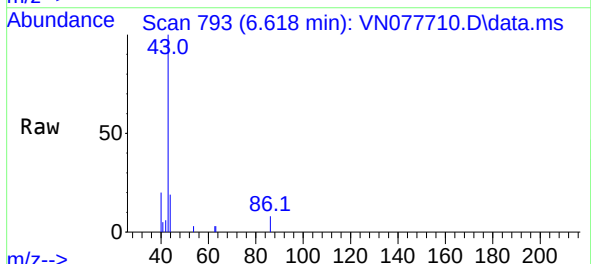
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

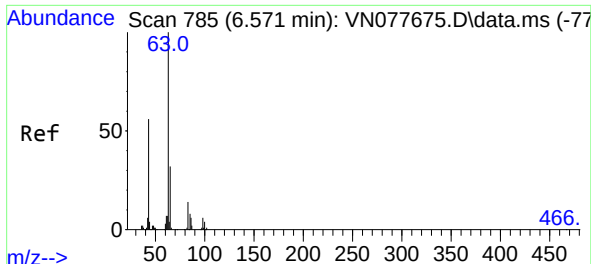
Tgt Ion:	45	Resp:	4103
Ion	Ratio	Lower	Upper
45	100		
43	45.3	45.5	68.3#
87	19.6	31.8	47.8#
59	13.3	11.6	17.4



#23
Vinyl Acetate
Concen: 1.582 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.012 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:	43	Resp:	13239
Ion	Ratio	Lower	Upper
43	100		
86	8.4	13.0	19.6#

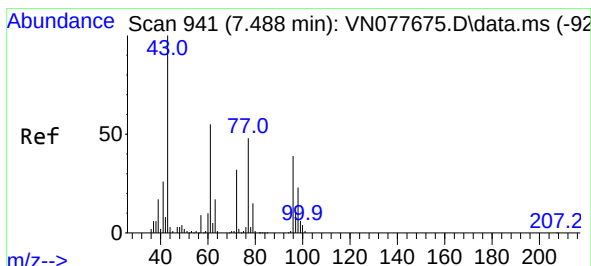
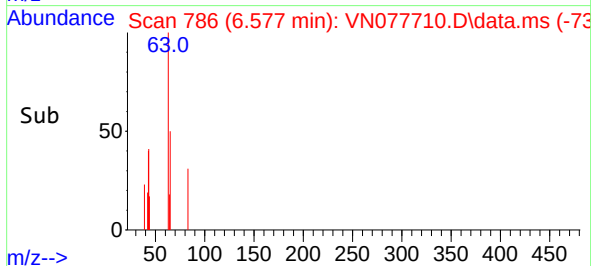
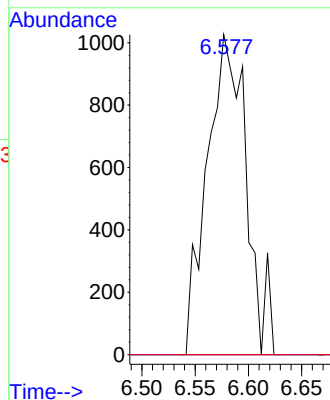
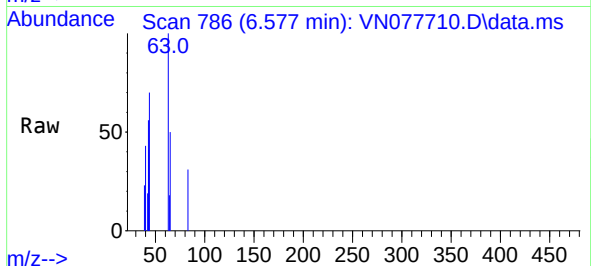




#24
1,1-Dichloroethane
Concen: 0.317 ug/l
RT: 6.577 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

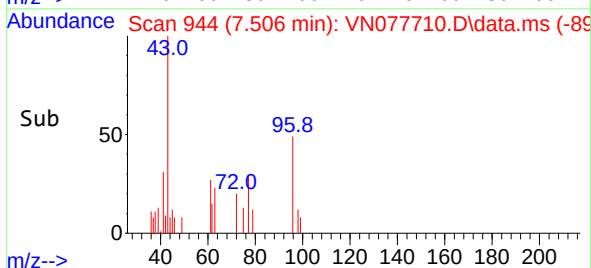
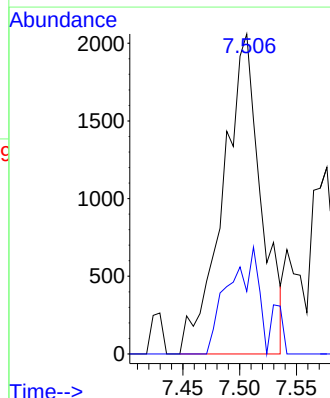
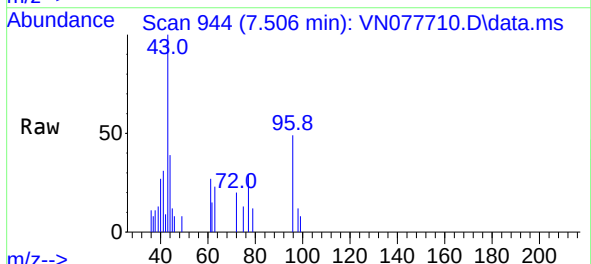
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

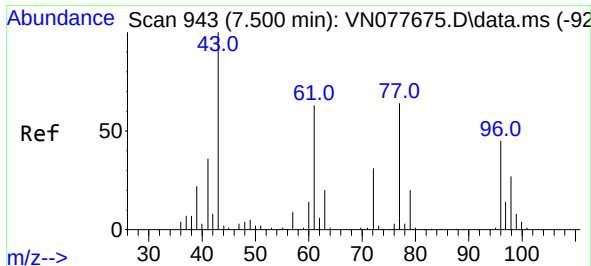
Tgt Ion:	63	Resp:	2623
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.7#
100	0.0	2.5	7.4#



#25
2-Butanone
Concen: 1.750 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:	43	Resp:	4806
Ion	Ratio	Lower	Upper
43	100		
72	19.6	30.2	45.2#

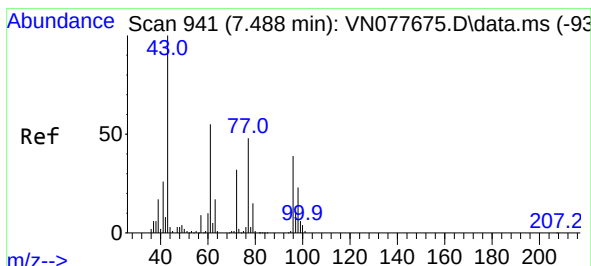
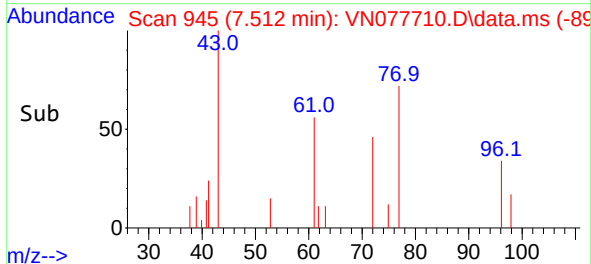
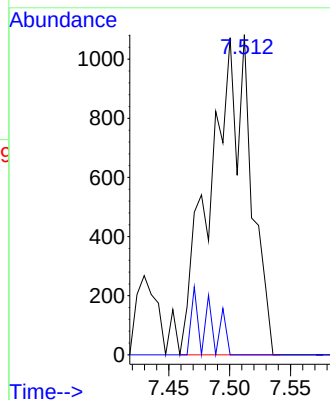
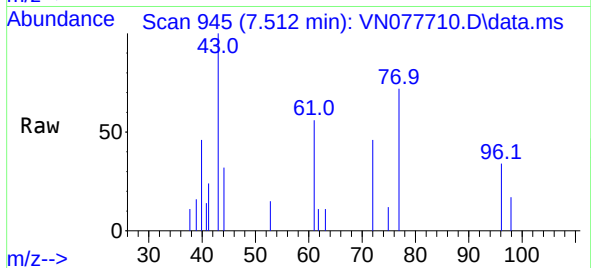




#26
2,2-Dichloropropane
Concen: 0.352 ug/l
RT: 7.512 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

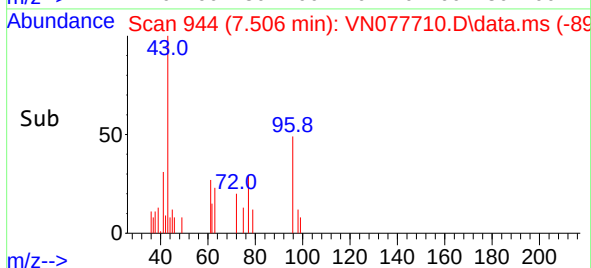
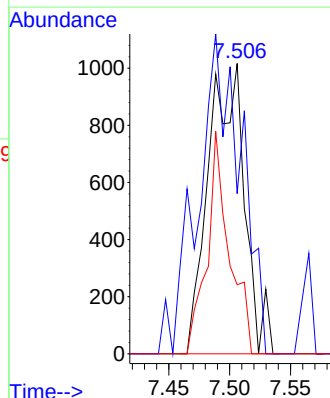
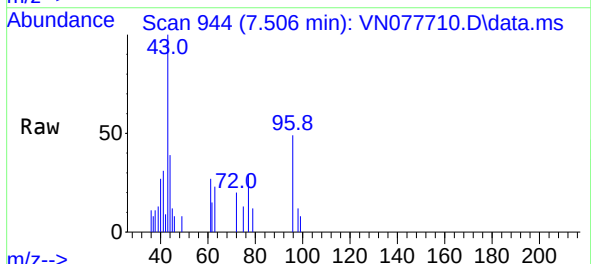
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

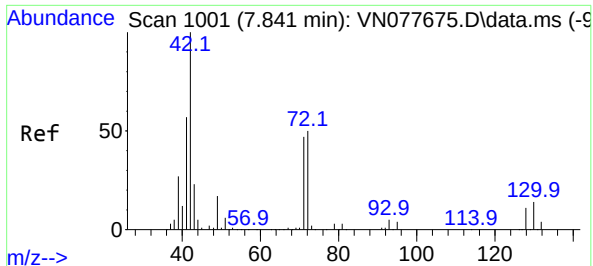
Tgt Ion: 77 Resp: 2471
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#27
cis-1,2-Dichloroethene
Concen: 0.396 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 96 Resp: 2091
Ion Ratio Lower Upper
96 100
61 132.4 0.0 255.2
98 46.9 0.0 128.8





#29

Tetrahydrofuran

Concen: 1.594 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

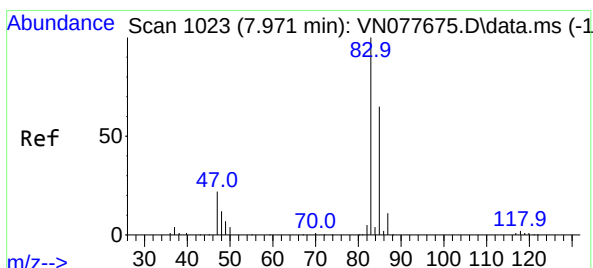
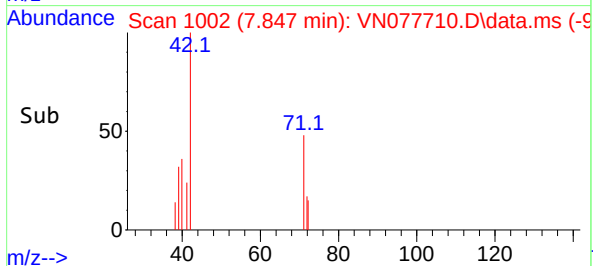
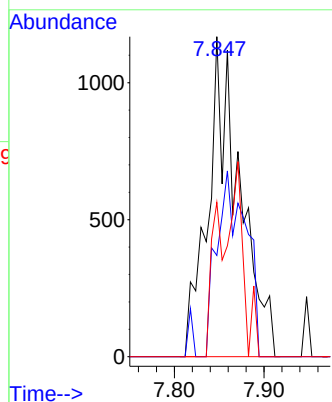
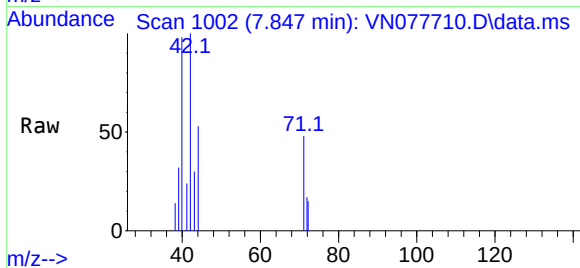
Tgt Ion: 42 Resp: 2866

Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

71 16.5 47.4 71.2#



#30

Chloroform

Concen: 0.418 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077710.D

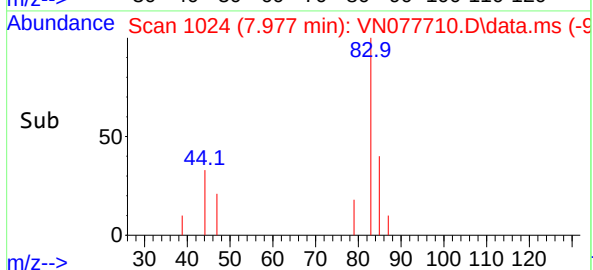
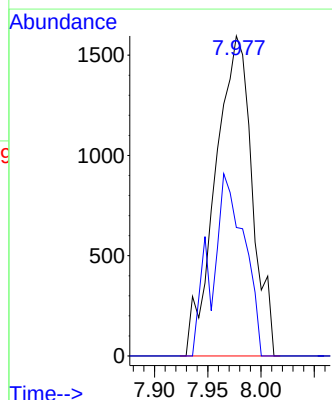
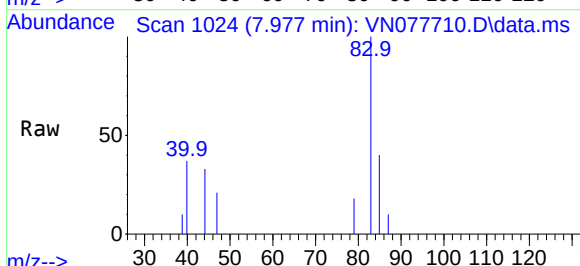
Acq: 17 May 2023 13:45

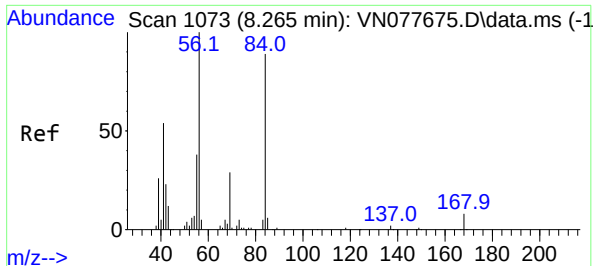
Tgt Ion: 83 Resp: 3808

Ion Ratio Lower Upper

83 100

85 40.2 55.4 83.0#

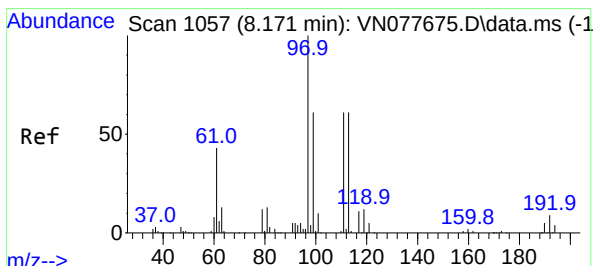
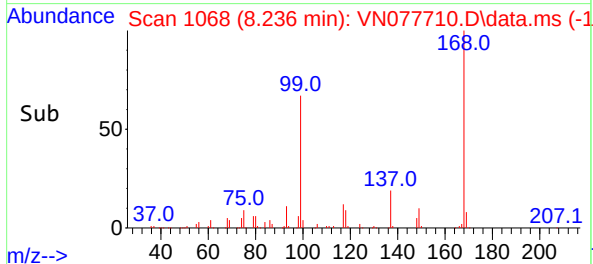
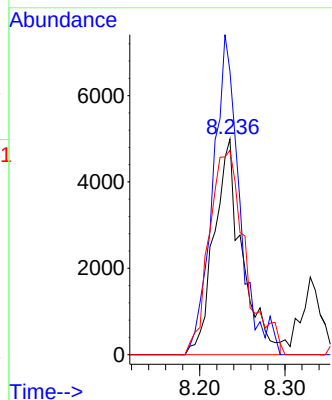
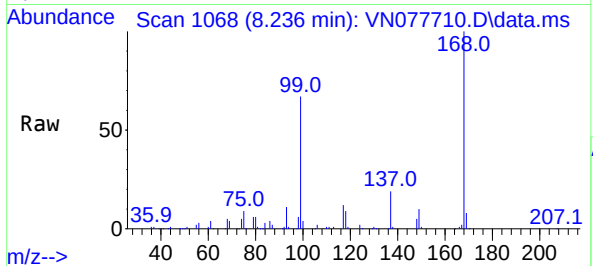




#31
Cyclohexane
Concen: 1.502 ug/l
RT: 8.236 min Scan# 1073
Delta R.T. -0.029 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

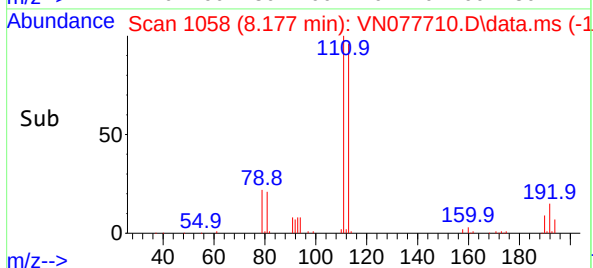
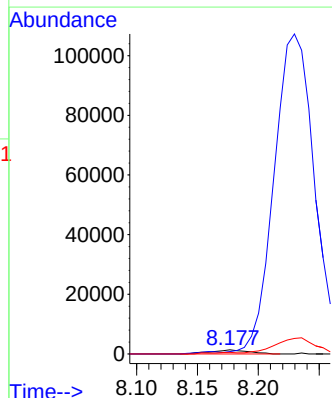
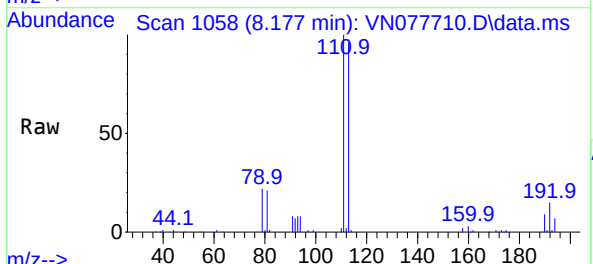
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

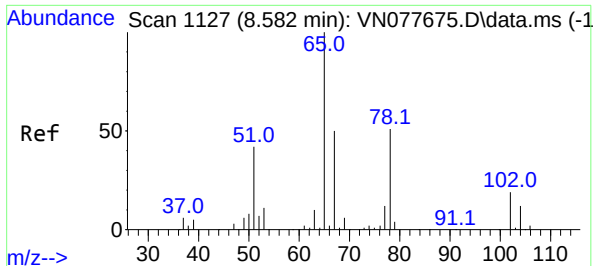
Tgt Ion: 56 Resp: 11388
Ion Ratio Lower Upper
56 100
69 131.5 26.8 40.2#
84 94.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 0.381 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 97 Resp: 2947
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 28.5 34.7 52.1#

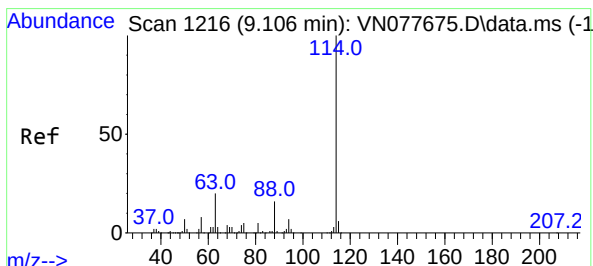
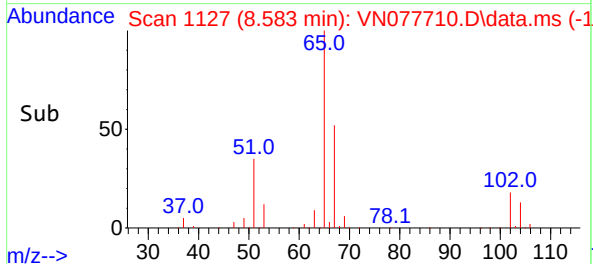
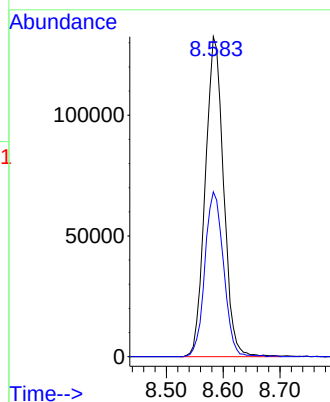
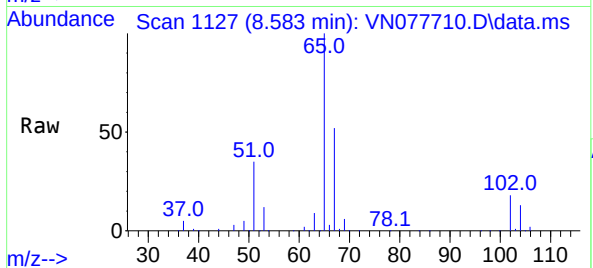




#33
1,2-Dichloroethane-d4
Concen: 53.080 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

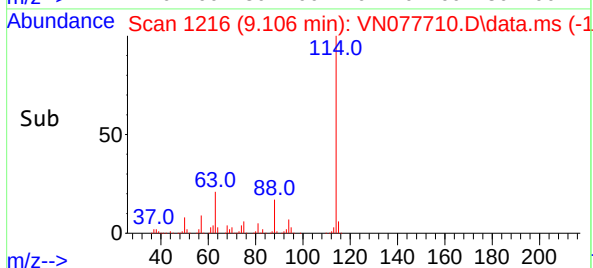
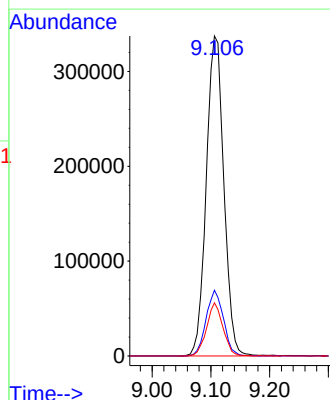
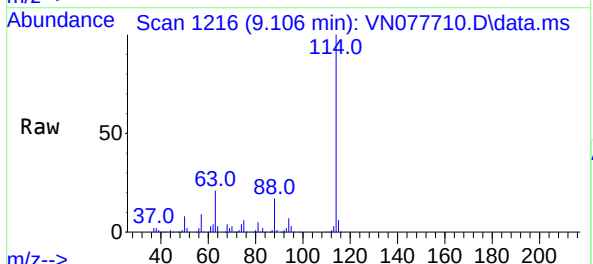
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

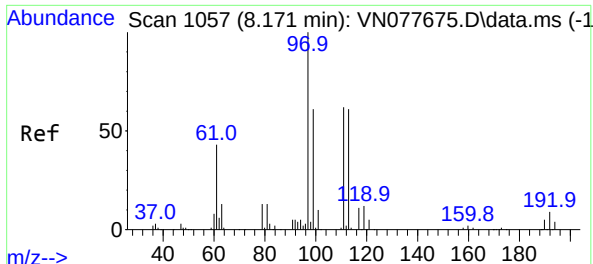
Tgt Ion: 65 Resp: 296180
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 114 Resp: 702108
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 16.6 0.0 30.6

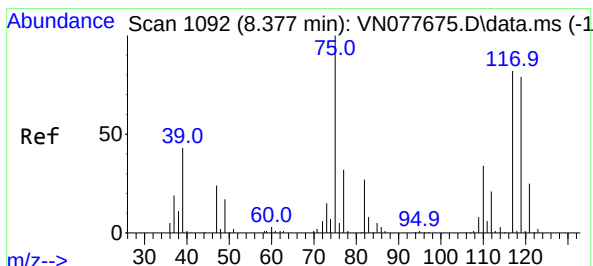
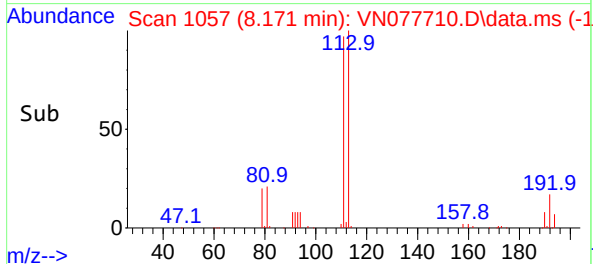
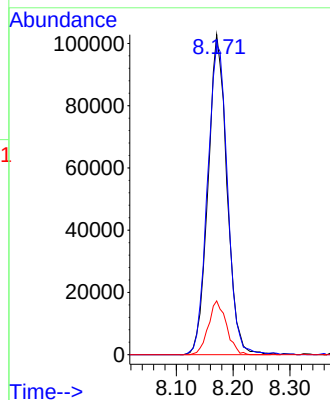
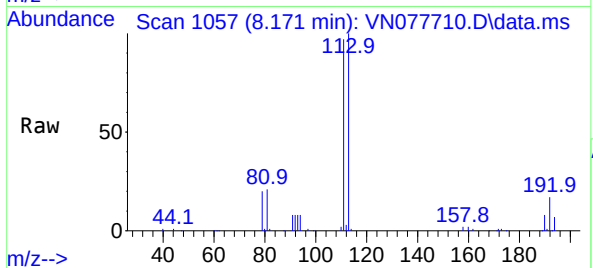




#35
Dibromofluoromethane
Concen: 51.760 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

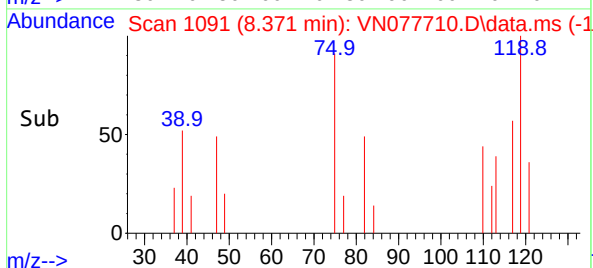
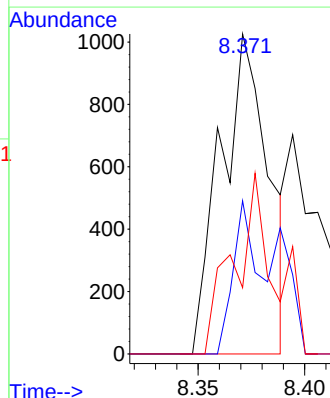
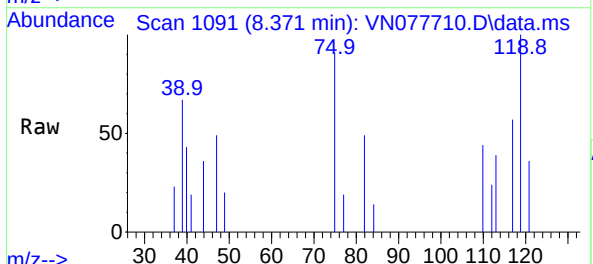
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

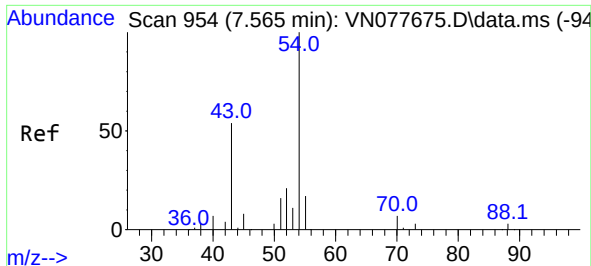
Tgt Ion:113 Resp: 236978
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 16.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 0.239 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 75 Resp: 1603
Ion Ratio Lower Upper
75 100
110 26.0 19.1 57.3
77 47.2 25.0 37.4#

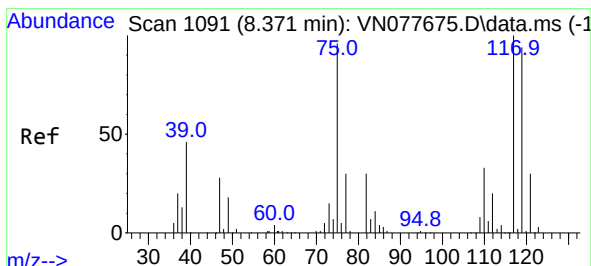
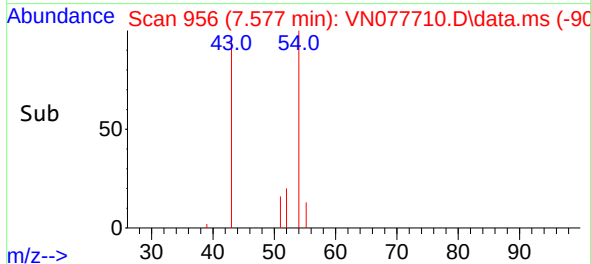
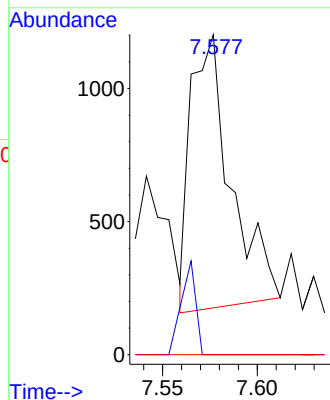
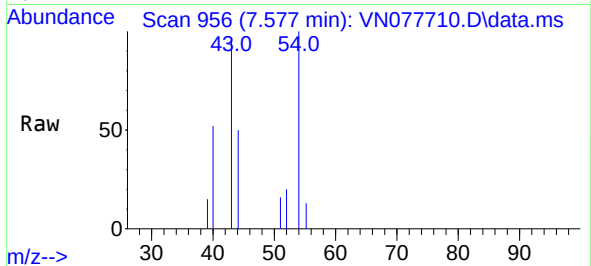




#37
Ethyl Acetate
Concen: 0.255 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

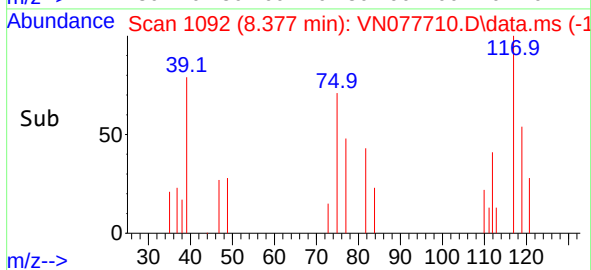
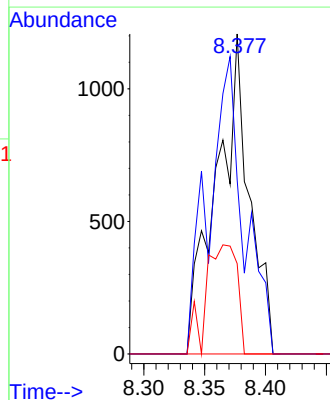
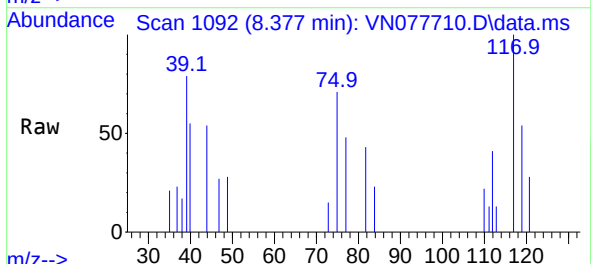
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

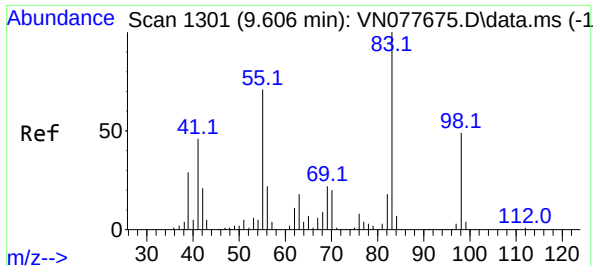
Tgt Ion: 43 Resp: 1520
Ion Ratio Lower Upper
43 100
61 12.3 13.2 19.8#
70 0.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 0.336 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 117 Resp: 2271
Ion Ratio Lower Upper
117 100
119 54.4 77.3 115.9#
121 28.3 23.3 34.9





#39

Methylcyclohexane

Concen: 0.336 ug/l

RT: 9.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

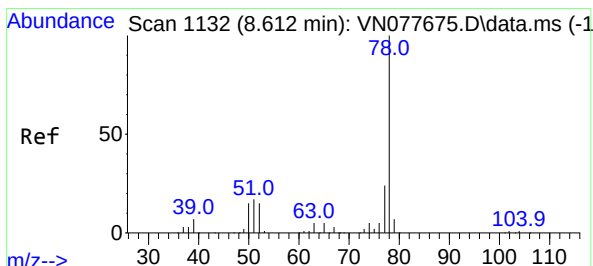
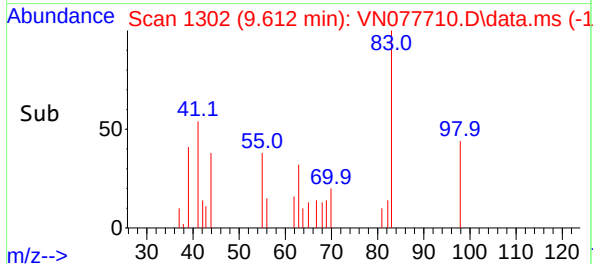
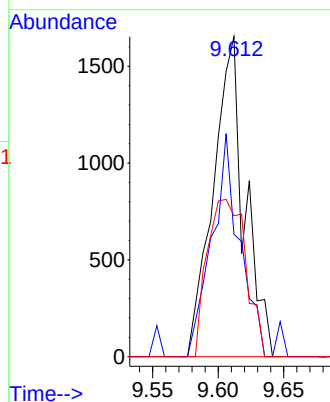
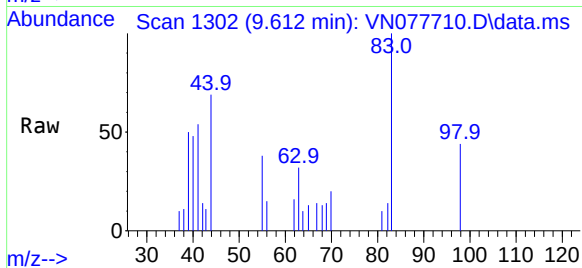
Tgt Ion: 83 Resp: 2751

Ion Ratio Lower Upper

83 100

55 38.2 49.1 73.7#

98 44.0 40.6 61.0



#40

Benzene

Concen: 0.362 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN077710.D

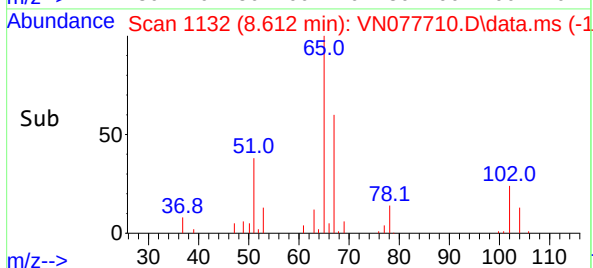
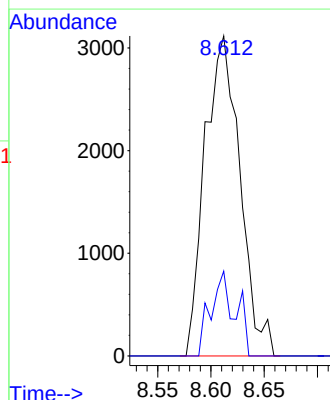
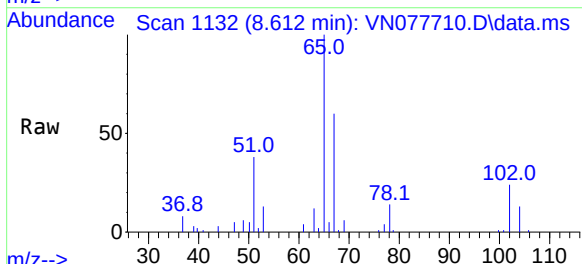
Acq: 17 May 2023 13:45

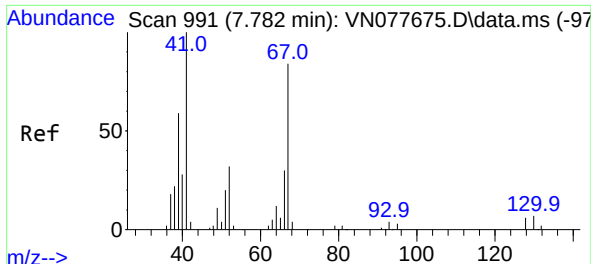
Tgt Ion: 78 Resp: 7144

Ion Ratio Lower Upper

78 100

77 26.5 19.0 28.6

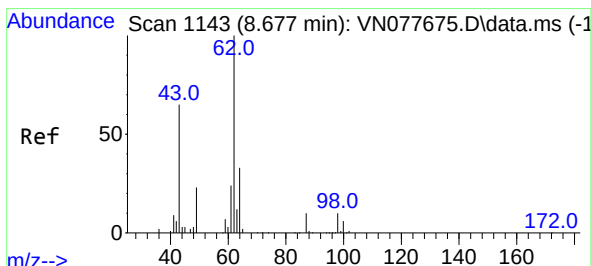
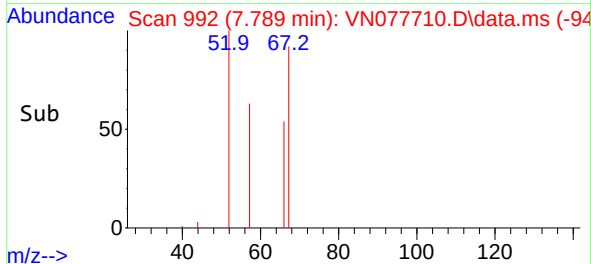
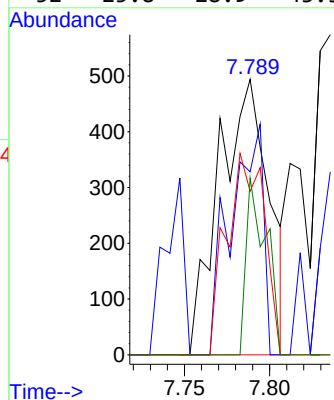
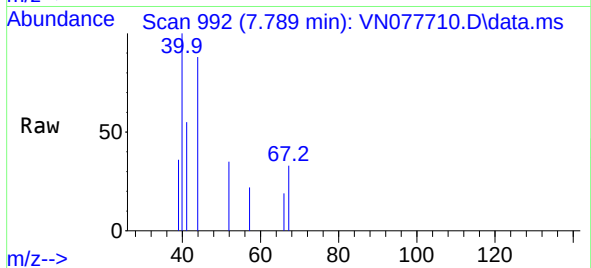




#41
Methacrylonitrile
Concen: 0.316 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

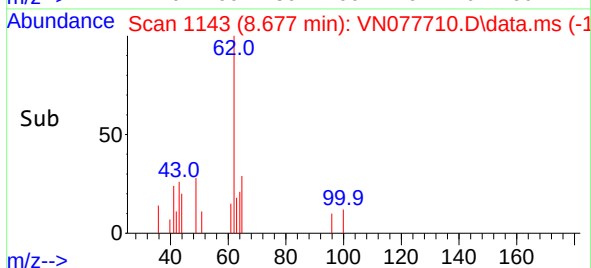
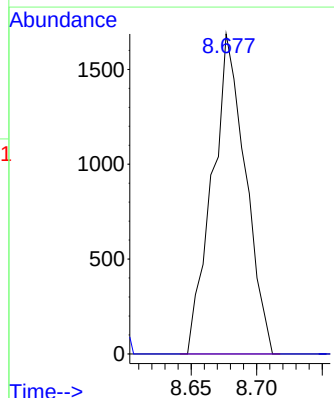
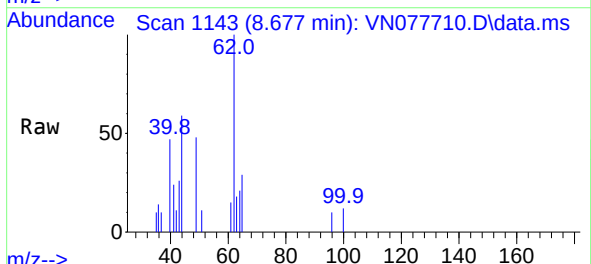
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

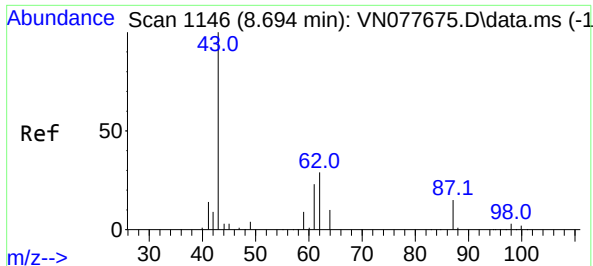
Tgt Ion: 41	Resp: 1006
Ion Ratio	Lower Upper
41 100	
39 54.2	42.6 64.0
67 55.0	77.5 116.3#
52 25.8	28.9 43.3#



#42
1,2-Dichloroethane
Concen: 0.415 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 62	Resp: 2979
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 19.8

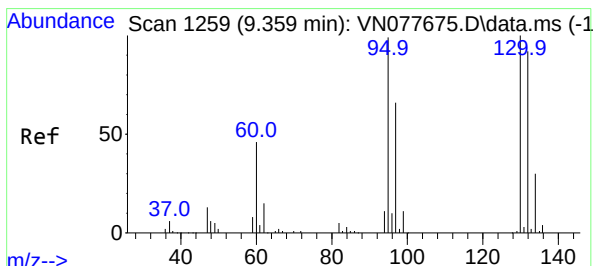
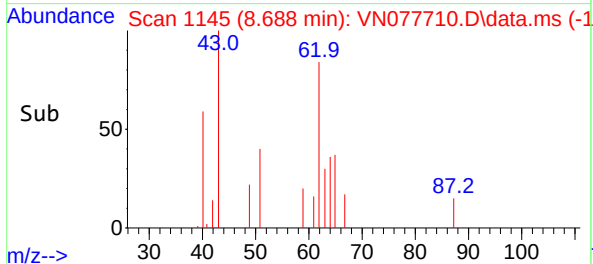
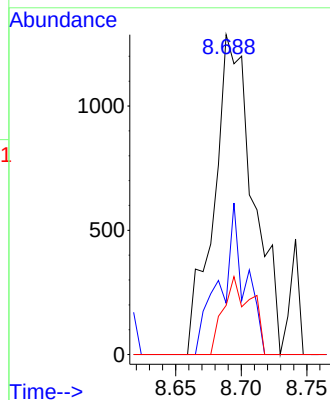
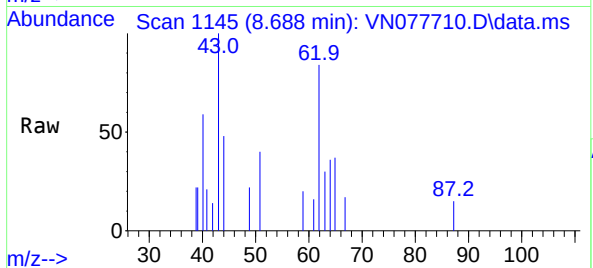




#43
Isopropyl Acetate
Concen: 0.275 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

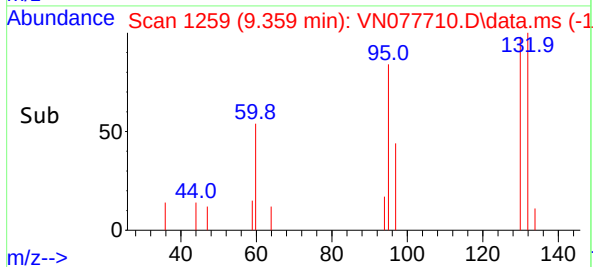
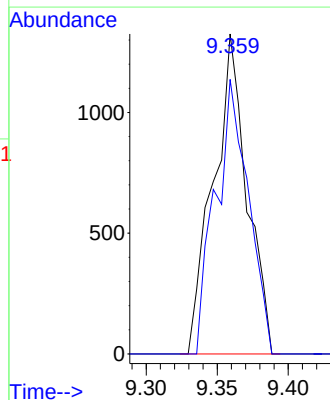
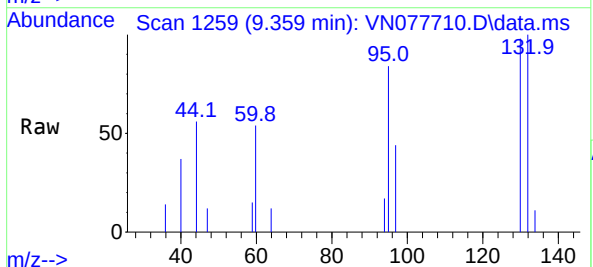
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

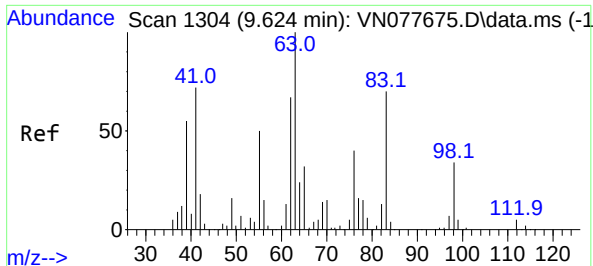
Tgt Ion: 43 Resp: 2684
Ion Ratio Lower Upper
43 100
61 30.1 24.7 37.1
87 17.3 14.6 21.8



#44
Trichloroethene
Concen: 0.434 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:130 Resp: 2173
Ion Ratio Lower Upper
130 100
95 85.8 0.0 204.6

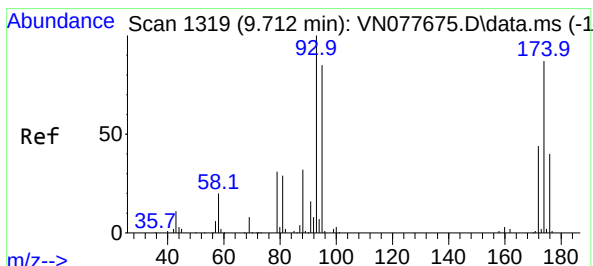
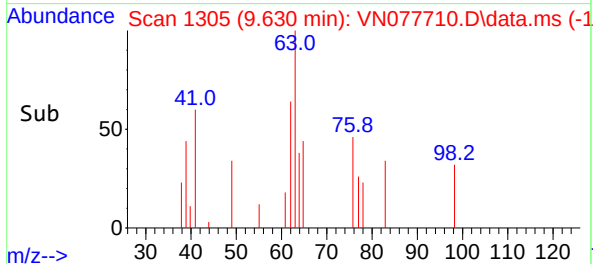
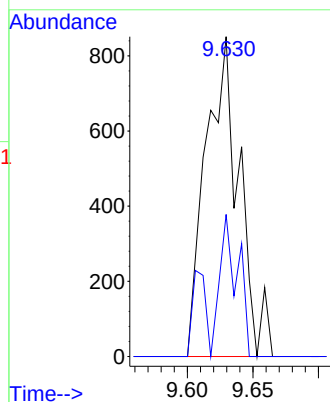
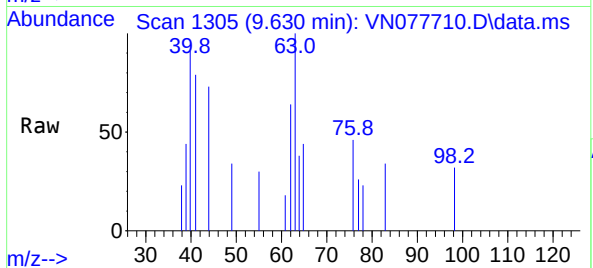




#45
1,2-Dichloropropane
Concen: 0.298 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

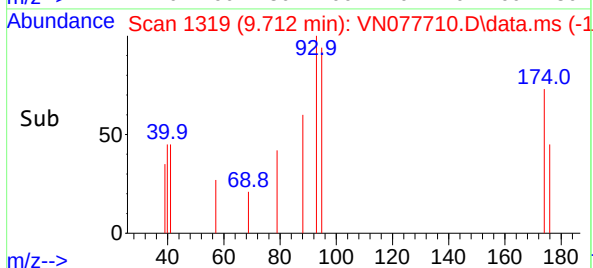
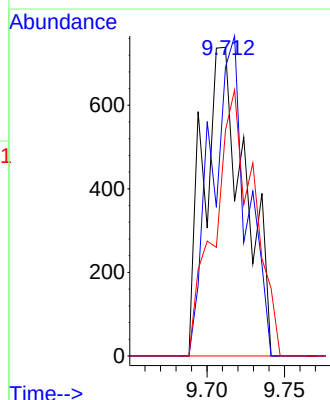
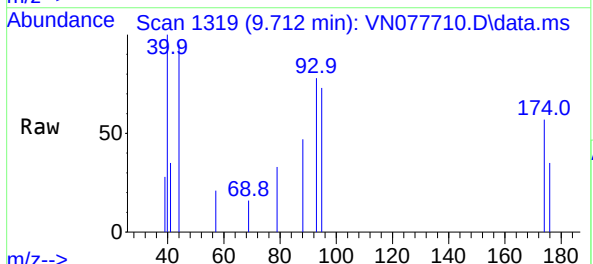
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

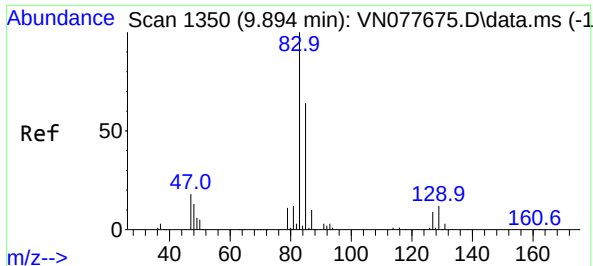
Tgt Ion: 63 Resp: 1503
Ion Ratio Lower Upper
63 100
65 44.4 23.9 35.9#



#46
Dibromomethane
Concen: 0.379 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 93 Resp: 1366
Ion Ratio Lower Upper
93 100
95 88.6 63.8 95.8
174 81.0 65.6 98.4

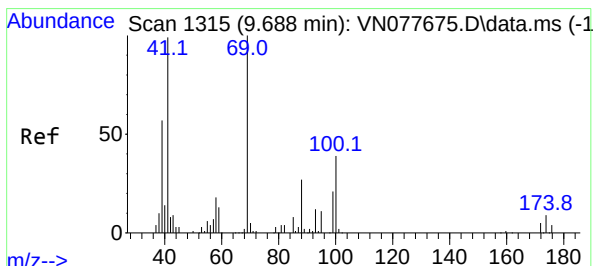
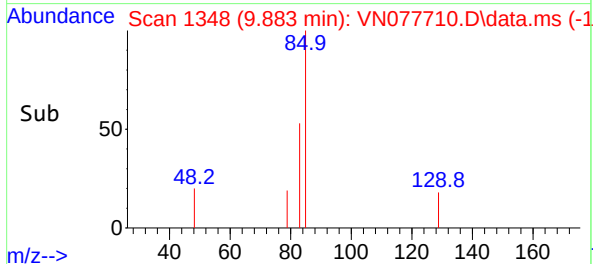
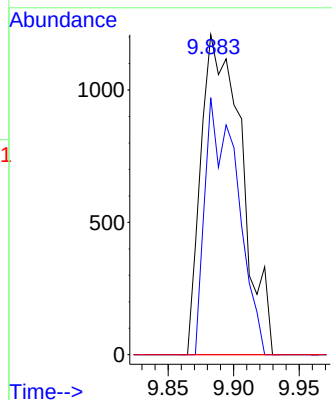
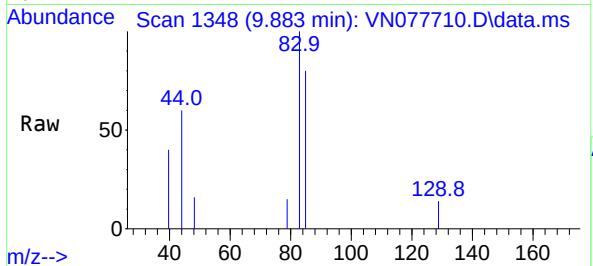




#47
Bromodichloromethane
Concen: 0.377 ug/l
RT: 9.883 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

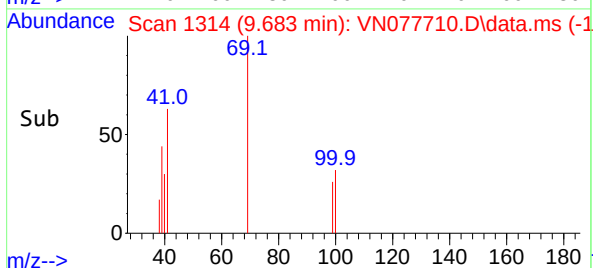
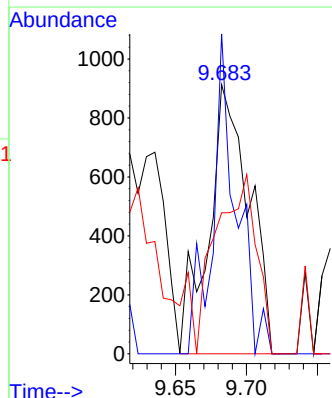
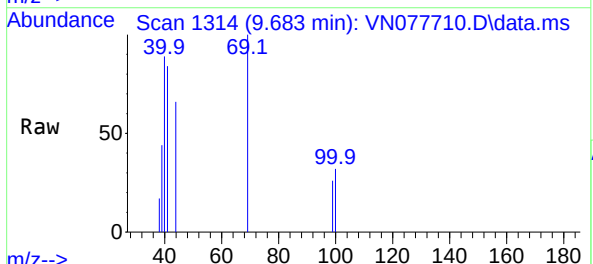
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

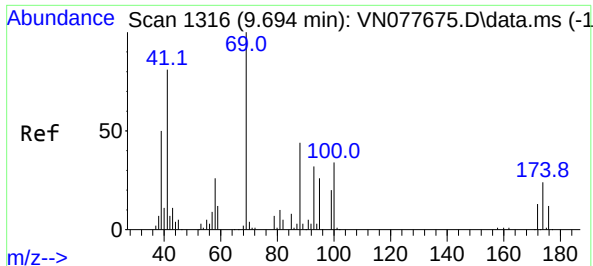
Tgt Ion: 83 Resp: 2605
Ion Ratio Lower Upper
83 100
85 80.3 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 0.391 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 41 Resp: 1808
Ion Ratio Lower Upper
41 100
69 70.0 90.4 135.6#
39 66.5 54.6 81.8





#49

1,4-Dioxane

Concen: 6.506 ug/l

RT: 9.712 min Scan# 1

Delta R.T. 0.018 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

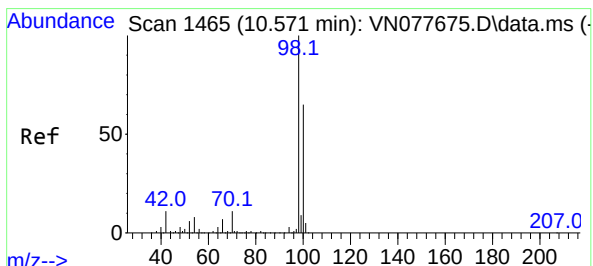
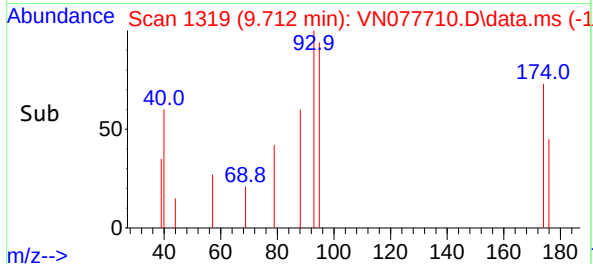
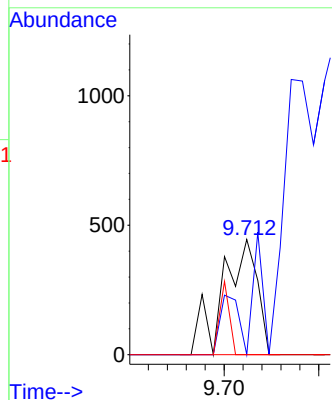
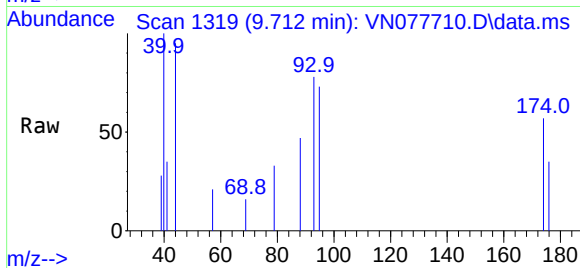
Tgt Ion: 88 Resp: 568

Ion Ratio Lower Upper

88 100

43 27.5 17.0 25.6#

58 17.6 47.0 70.4#



#50

Toluene-d8

Concen: 50.107 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077710.D

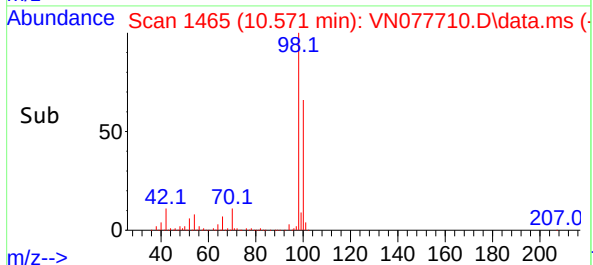
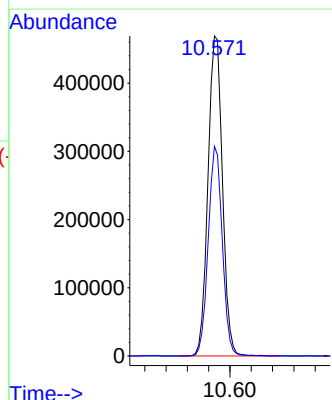
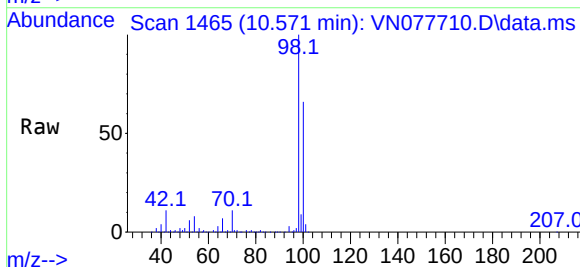
Acq: 17 May 2023 13:45

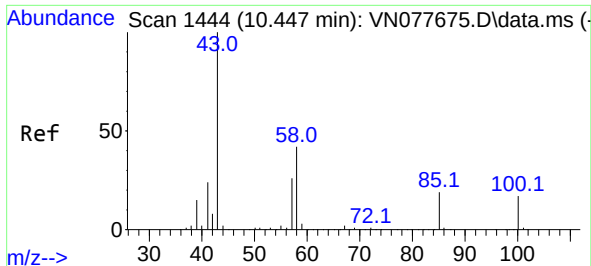
Tgt Ion: 98 Resp: 883006

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.511 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

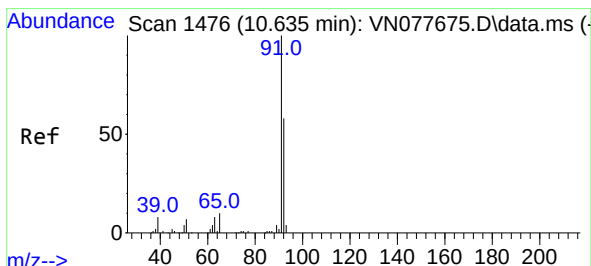
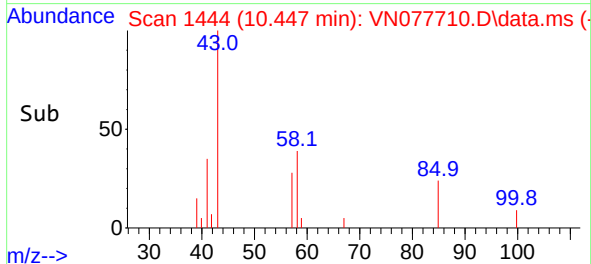
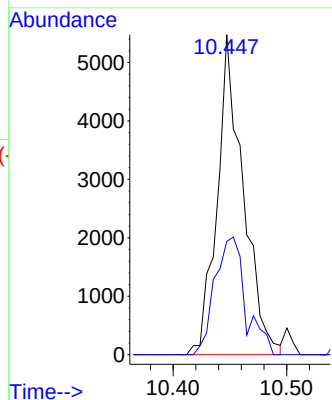
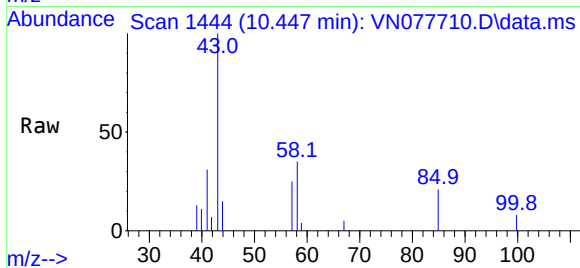
MDL-WATER-03-QT2-2023

Tgt Ion: 43 Resp: 8754

Ion Ratio Lower Upper

43 100

58 43.2 36.6 54.8



#52

Toluene

Concen: 0.363 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN077710.D

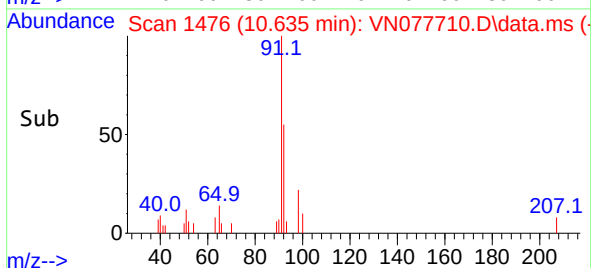
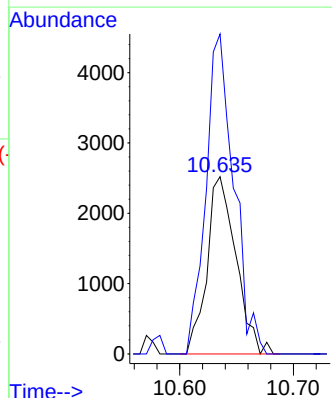
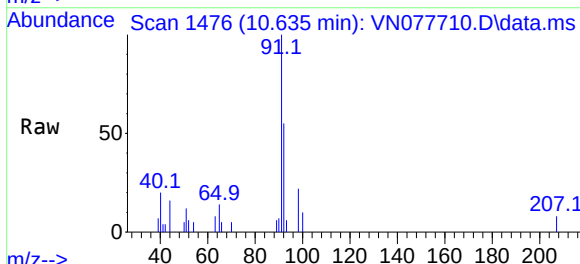
Acq: 17 May 2023 13:45

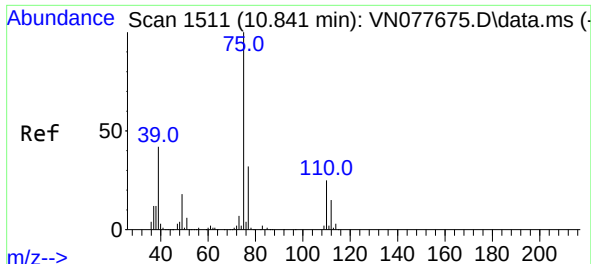
Tgt Ion: 92 Resp: 4461

Ion Ratio Lower Upper

92 100

91 174.6 137.4 206.0

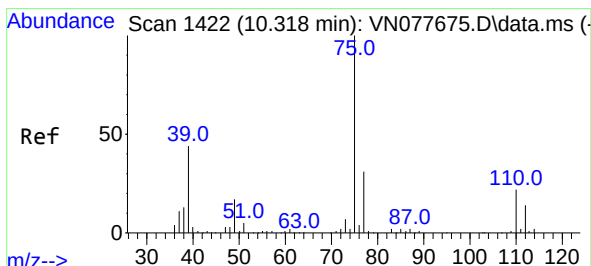
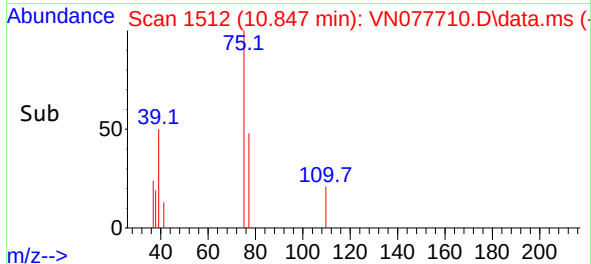
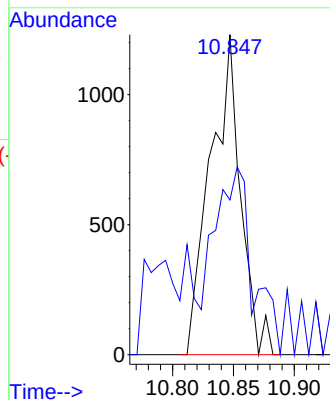
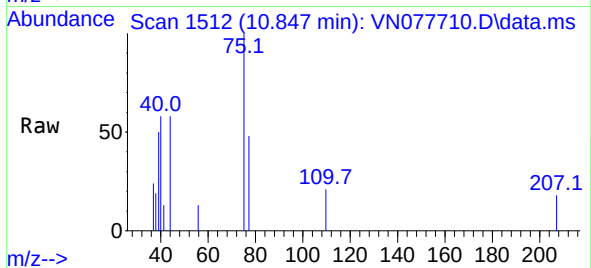




#53
t-1,3-Dichloropropene
Concen: 0.289 ug/l
RT: 10.847 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

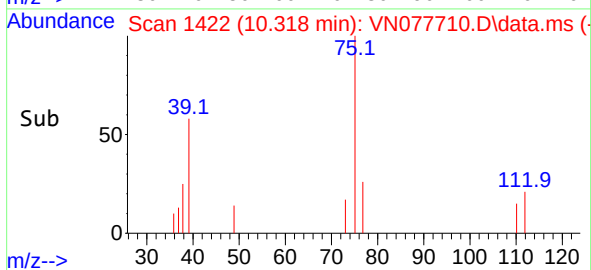
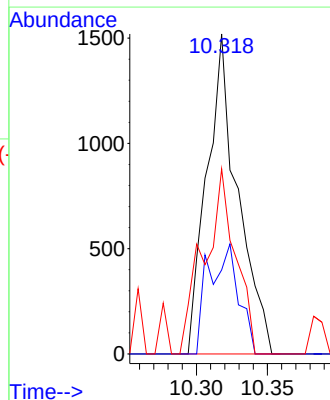
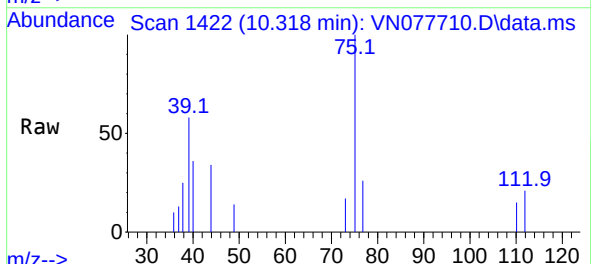
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

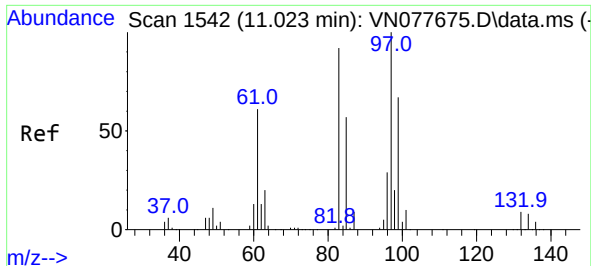
Tgt Ion: 75 Resp: 2115
Ion Ratio Lower Upper
75 100
77 48.3 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 0.285 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

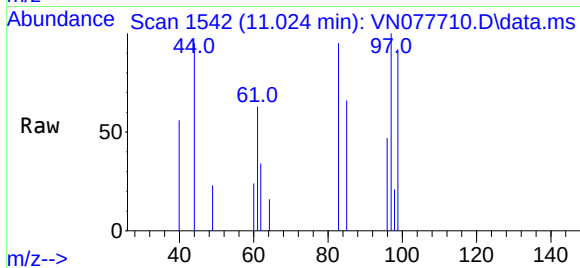
Tgt Ion: 75 Resp: 2297
Ion Ratio Lower Upper
75 100
77 26.3 26.1 39.1
39 57.8 31.6 47.4#





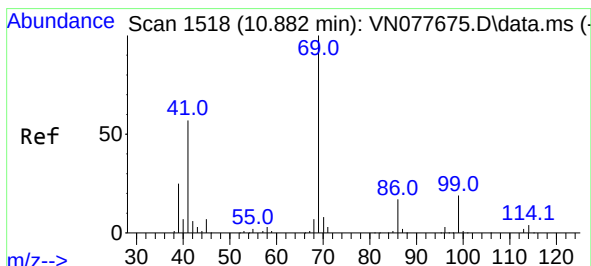
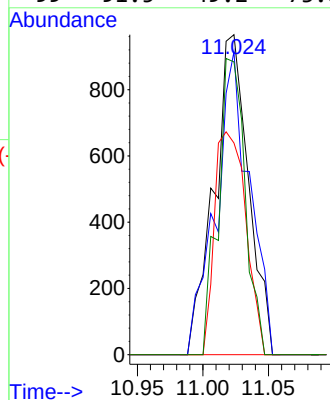
#55
1,1,2-Trichloroethane
Concen: 0.363 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 97 Resp: 1771

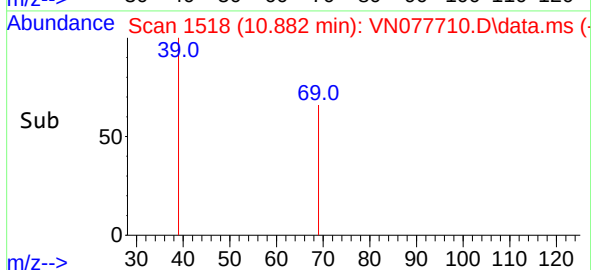
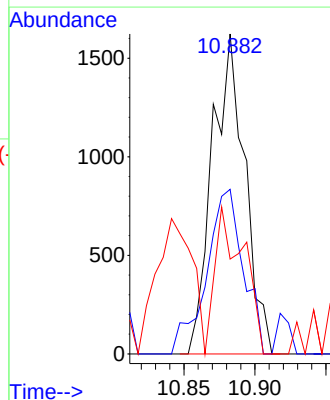
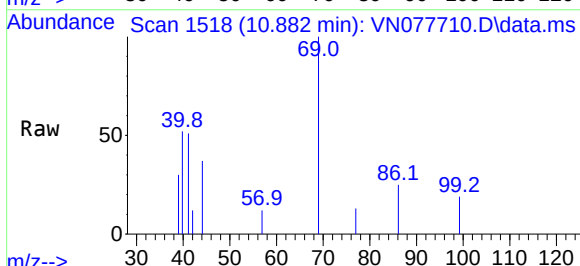
Ion	Ratio	Lower	Upper
97	100		
83	94.7	65.1	97.7
85	66.1	43.4	65.2#
99	91.5	49.2	73.8#

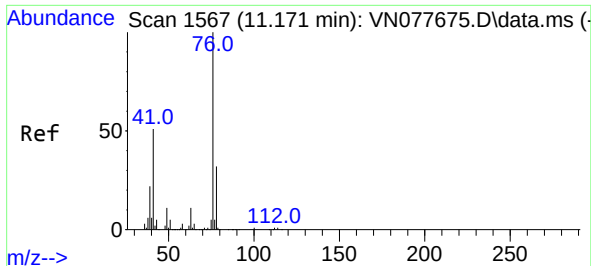


#56
Ethyl methacrylate
Concen: 0.350 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 69 Resp: 2585

Ion	Ratio	Lower	Upper
69	100		
41	58.3	39.6	59.4
39	40.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 0.348 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

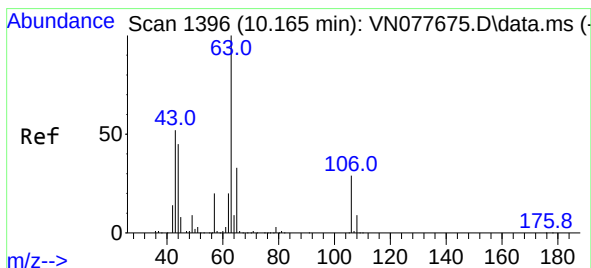
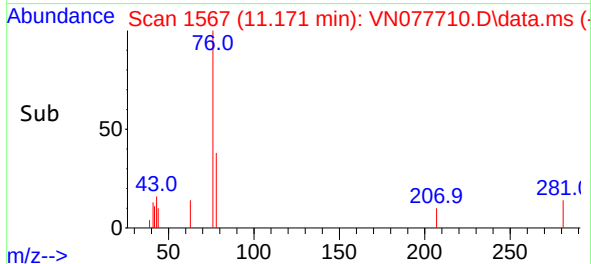
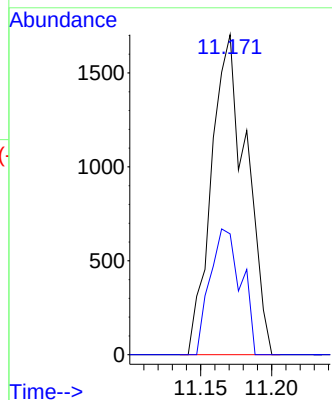
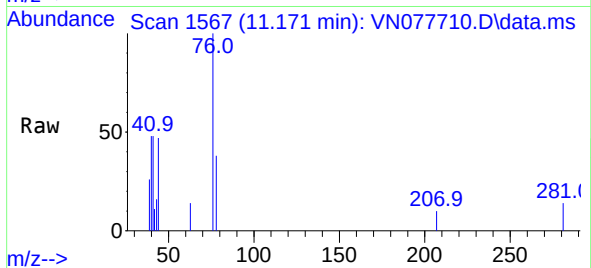
MDL-WATER-03-QT2-2023

Tgt Ion: 76 Resp: 2917

Ion Ratio Lower Upper

76 100

78 35.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.388 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN077710.D

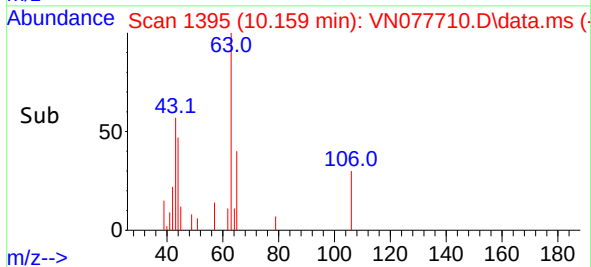
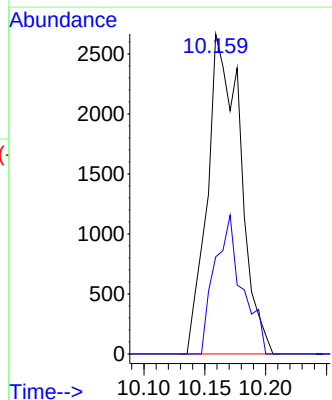
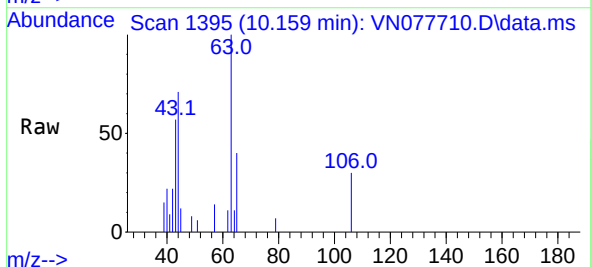
Acq: 17 May 2023 13:45

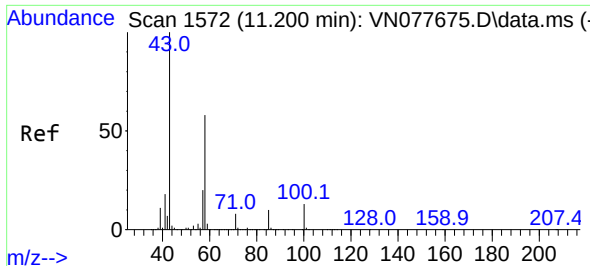
Tgt Ion: 63 Resp: 5043

Ion Ratio Lower Upper

63 100

106 36.1 26.2 39.4

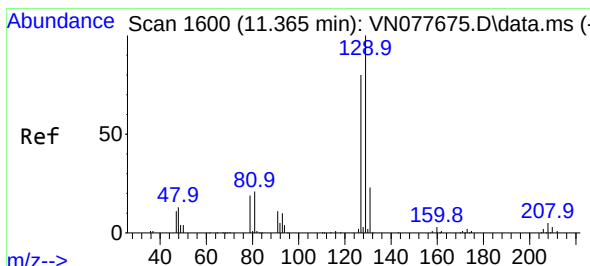
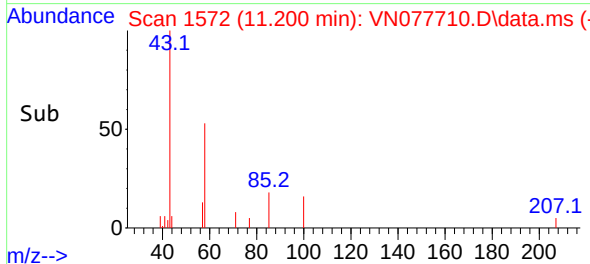
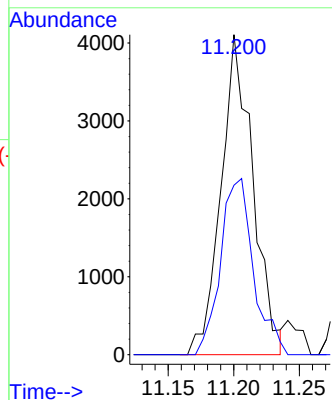
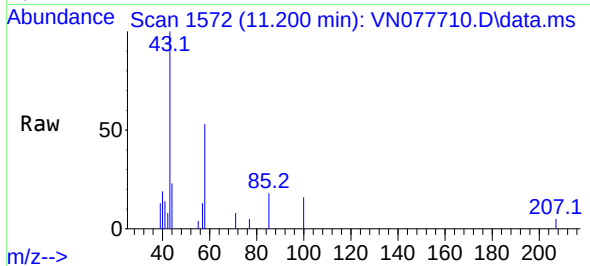




#59
2-Hexanone
Concen: 1.618 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

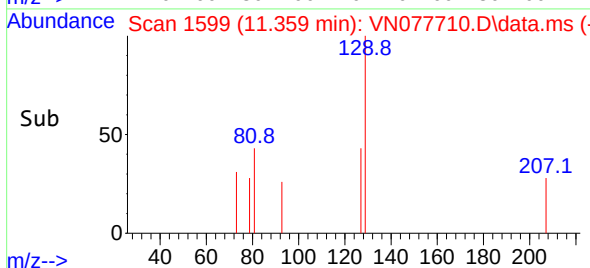
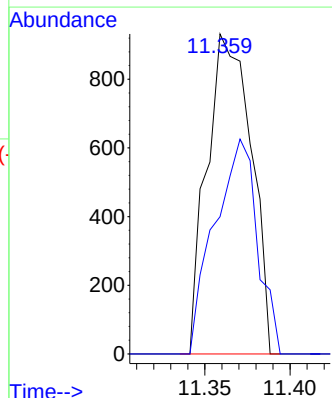
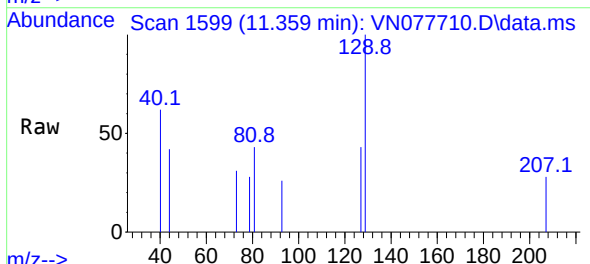
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

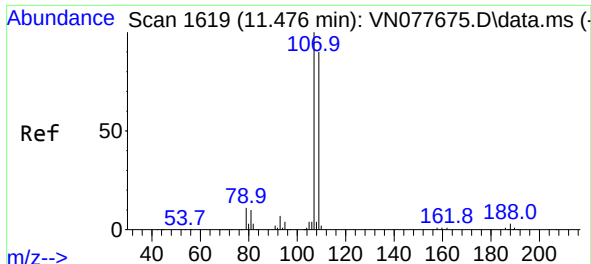
Tgt Ion: 43 Resp: 6937
Ion Ratio Lower Upper
43 100
58 56.9 31.7 95.1



#60
Dibromochloromethane
Concen: 0.333 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 129 Resp: 1679
Ion Ratio Lower Upper
129 100
127 65.2 38.6 116.0

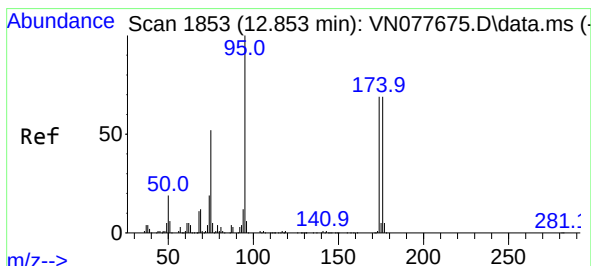
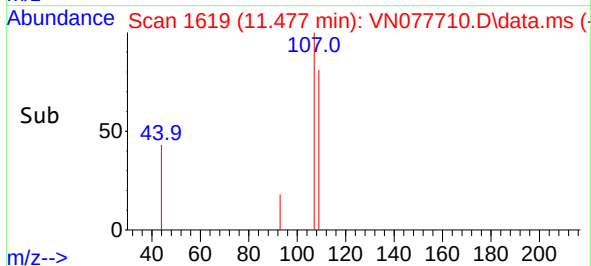
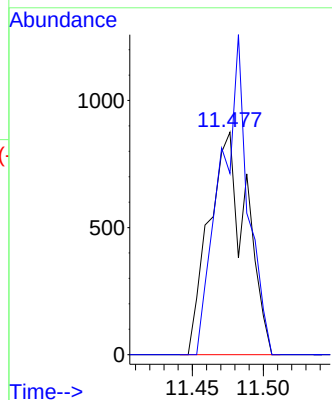
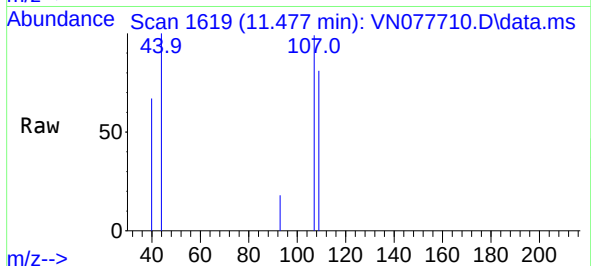




#61
1,2-Dibromoethane
Concen: 0.330 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

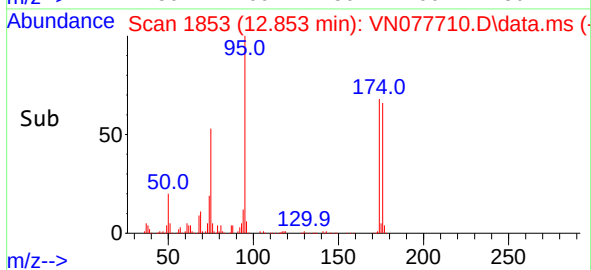
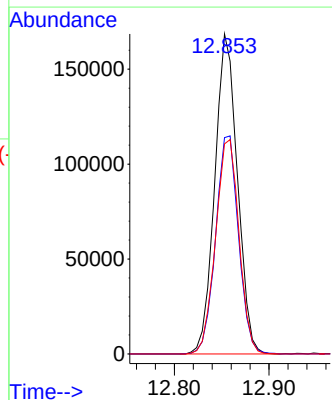
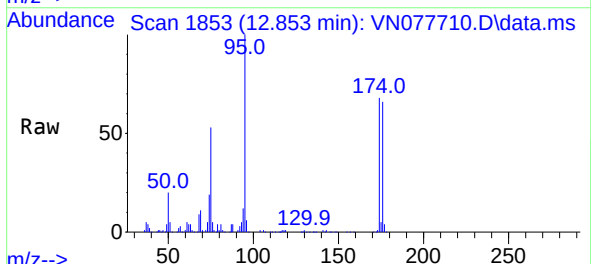
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

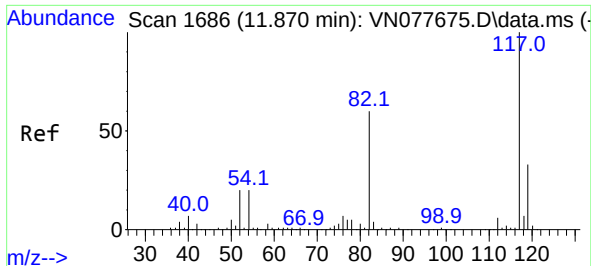
Tgt Ion:107 Resp: 1609
Ion Ratio Lower Upper
107 100
109 104.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 45.000 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 95 Resp: 280078
Ion Ratio Lower Upper
95 100
174 68.9 0.0 143.8
176 69.3 0.0 135.8

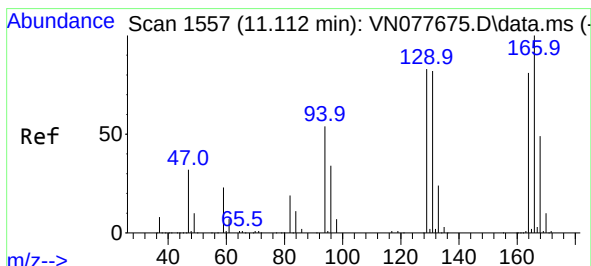
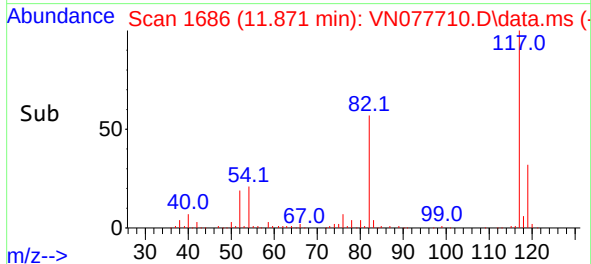
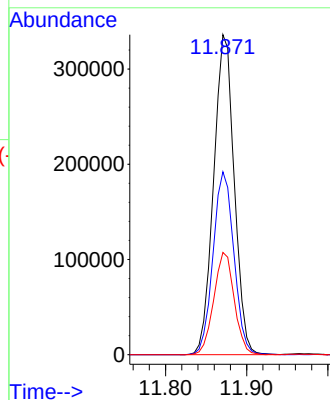
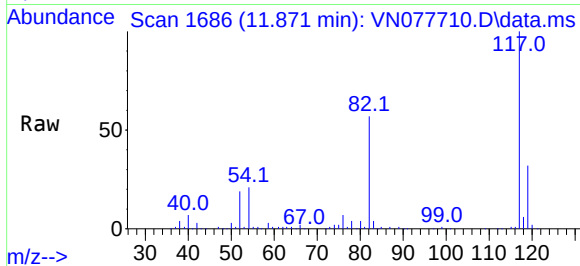




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

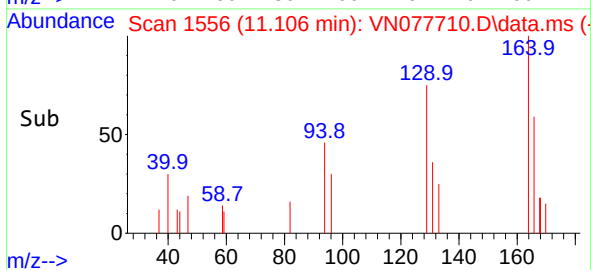
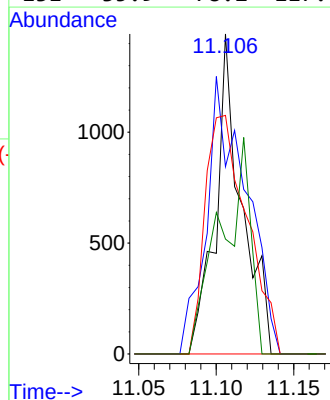
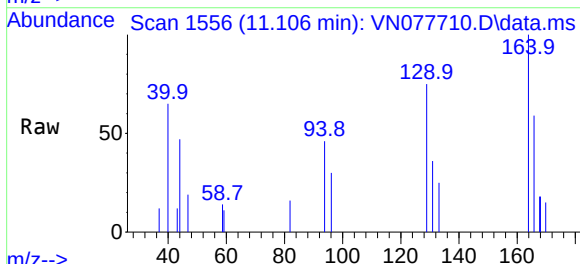
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

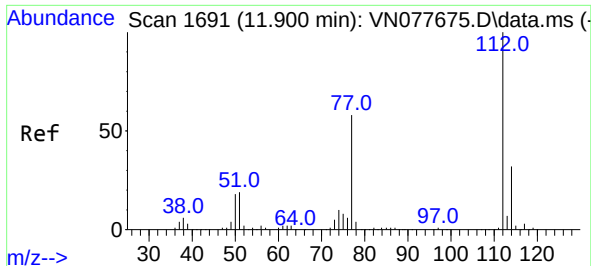
Tgt Ion:117 Resp: 593331
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 0.404 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:164 Resp: 1676
Ion Ratio Lower Upper
164 100
166 58.6 101.4 152.0#
129 74.6 82.4 123.6#
131 35.9 78.2 117.4#

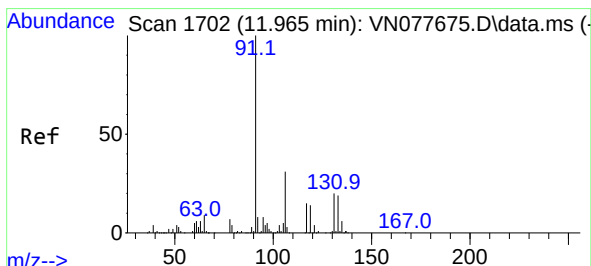
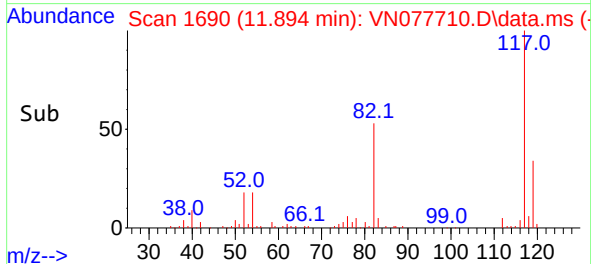
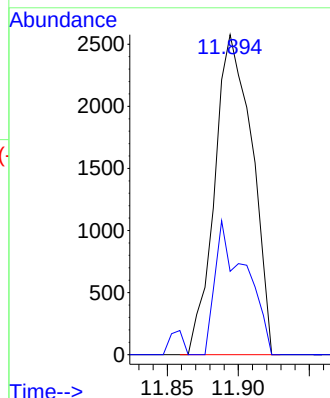
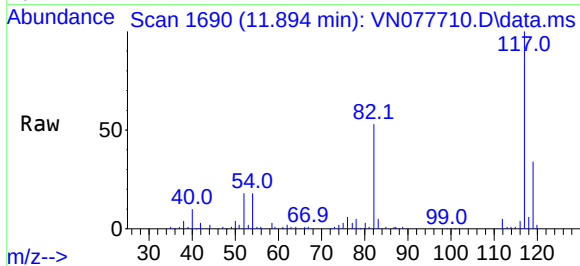




#65
Chlorobenzene
Concen: 0.367 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

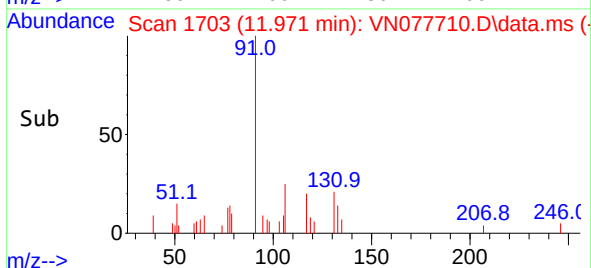
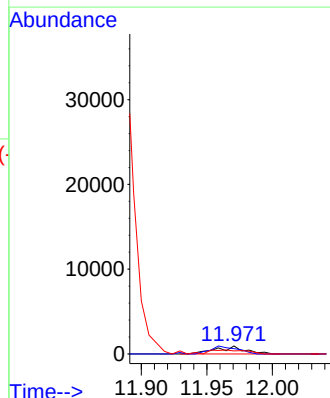
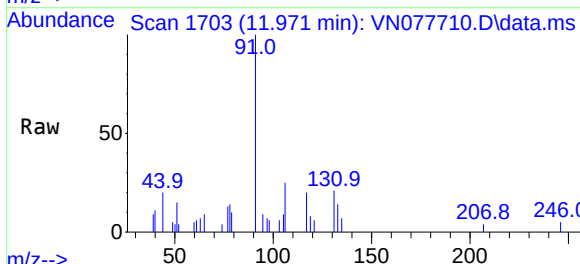
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

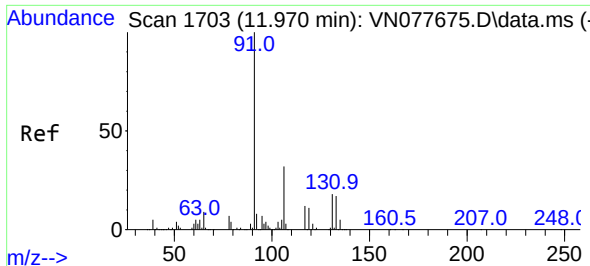
Tgt Ion:112 Resp: 4720
Ion Ratio Lower Upper
112 100
114 26.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.325 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:131 Resp: 1446
Ion Ratio Lower Upper
131 100
133 90.7 46.4 139.1
119 0.0 34.1 102.2#

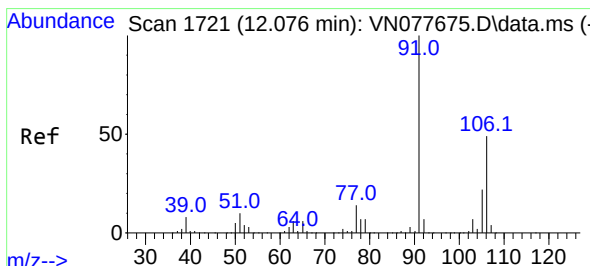
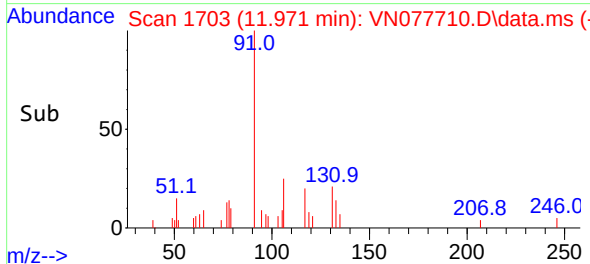
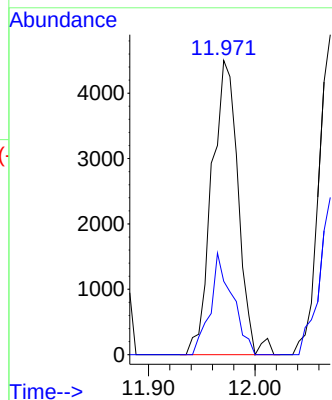
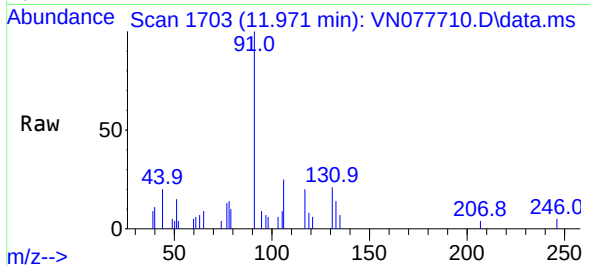




#67
Ethyl Benzene
Concen: 0.336 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

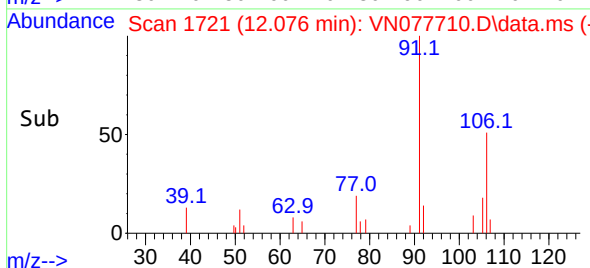
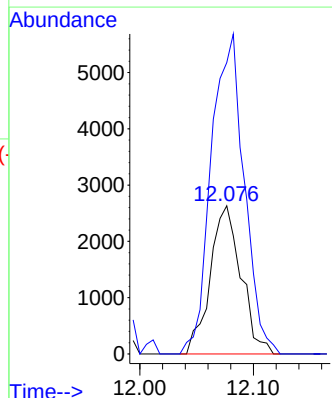
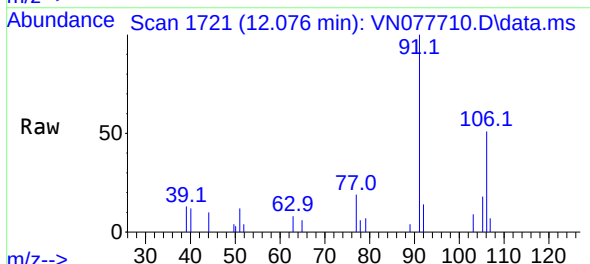
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

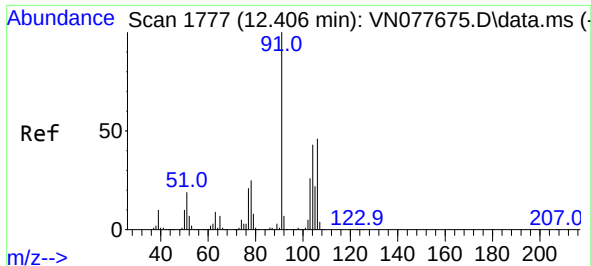
Tgt Ion: 91 Resp: 7753
Ion Ratio Lower Upper
91 100
106 24.9 25.6 38.4#



#68
m/p-Xylenes
Concen: 0.569 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 106 Resp: 4966
Ion Ratio Lower Upper
106 100
91 230.6 159.6 239.4

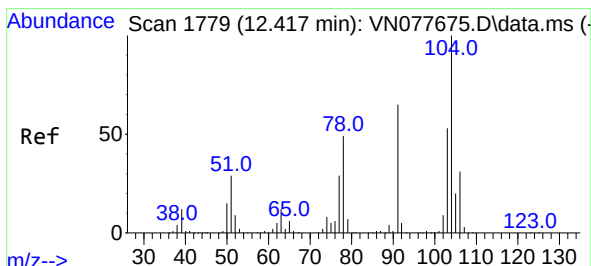
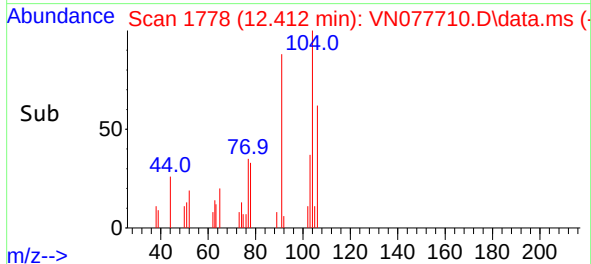
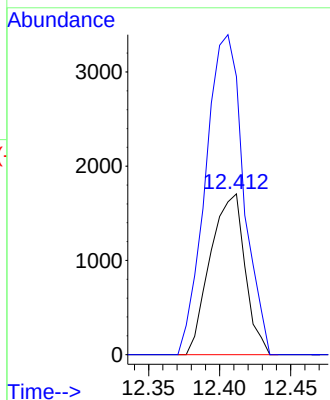
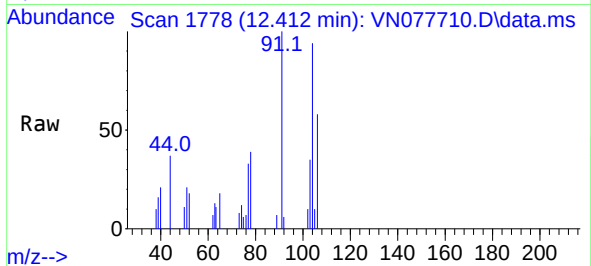




#69
o-Xylene
Concen: 0.338 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

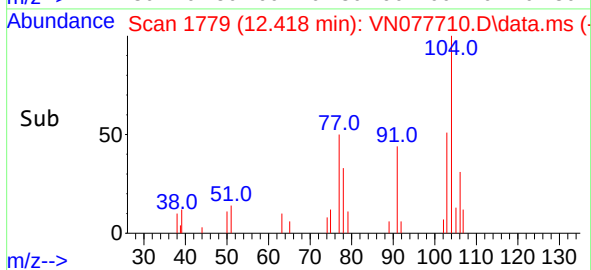
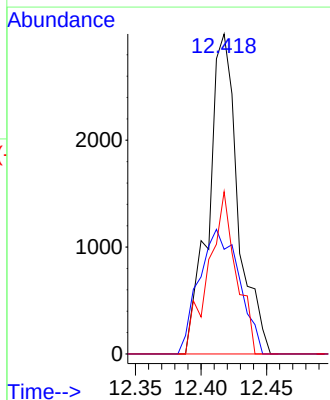
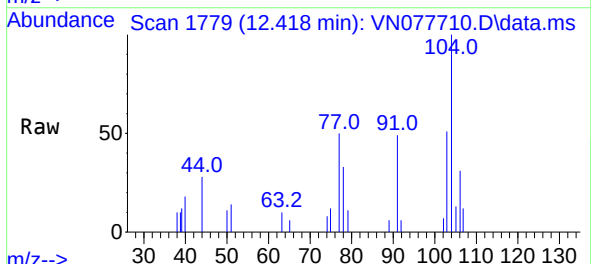
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

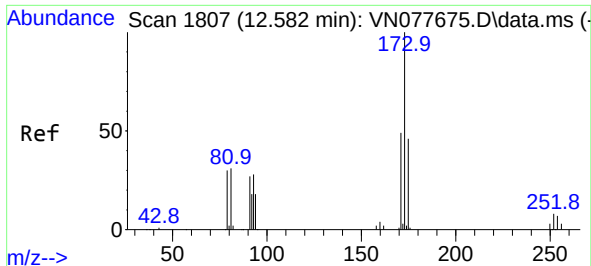
Tgt Ion:106 Resp: 2899
Ion Ratio Lower Upper
106 100
91 218.0 105.2 315.5



#70
Styrene
Concen: 0.341 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:104 Resp: 4649
Ion Ratio Lower Upper
104 100
78 53.4 39.5 59.3
103 48.0 43.2 64.8

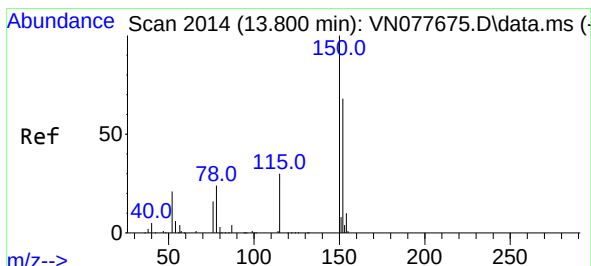
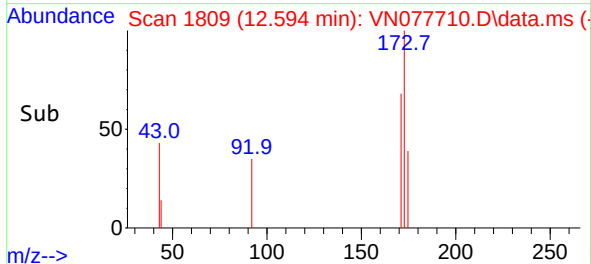
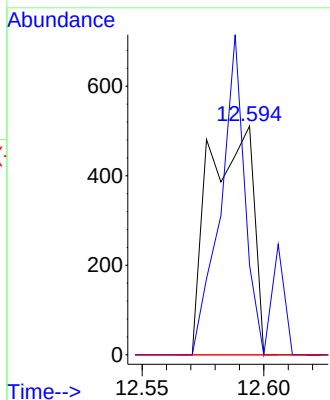
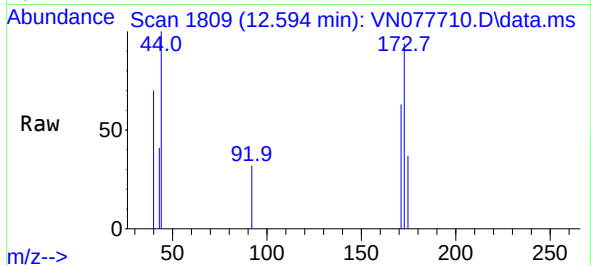




#71
Bromoform
Concen: 0.218 ug/l
RT: 12.594 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

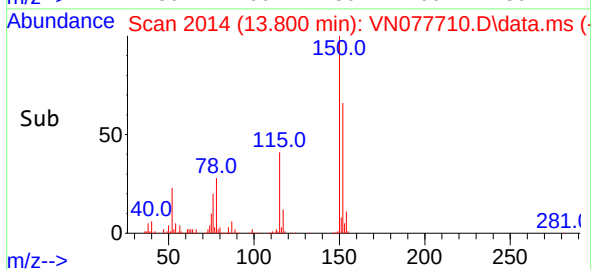
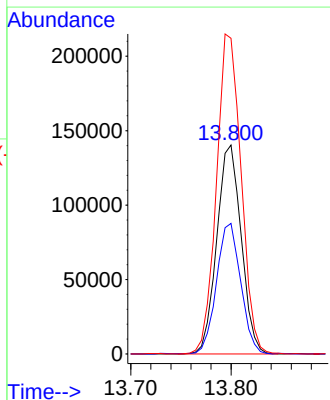
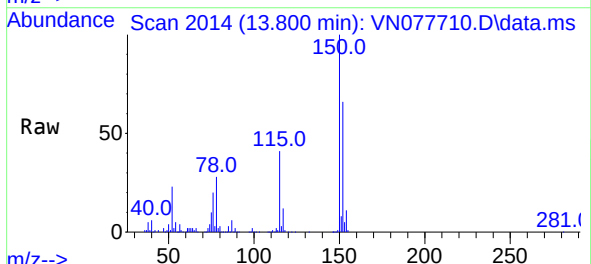
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

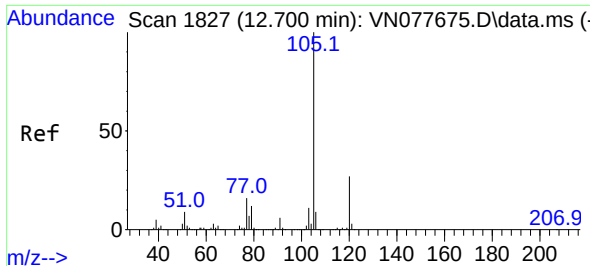
Tgt Ion:173 Resp: 644
Ion Ratio Lower Upper
173 100
175 76.6 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:152 Resp: 237063
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 154.6 0.0 355.8

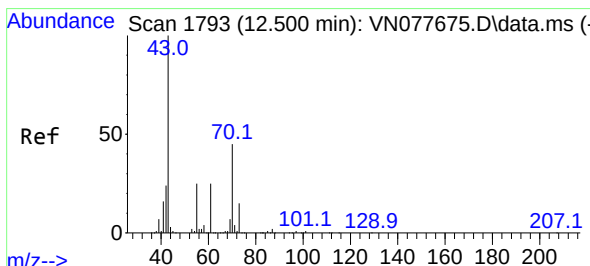
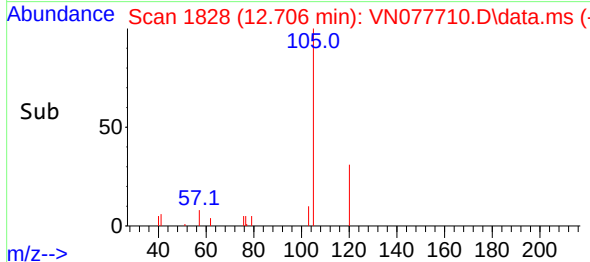
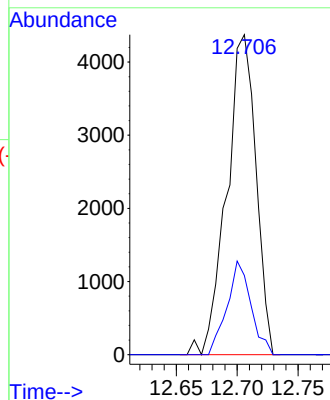
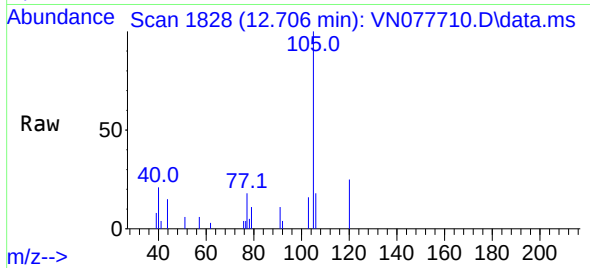




#73
Isopropylbenzene
Concen: 0.357 ug/l
RT: 12.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

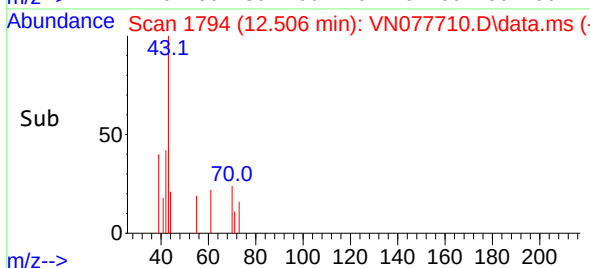
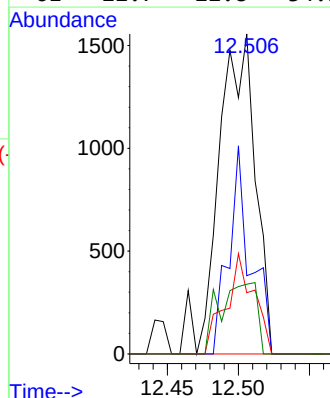
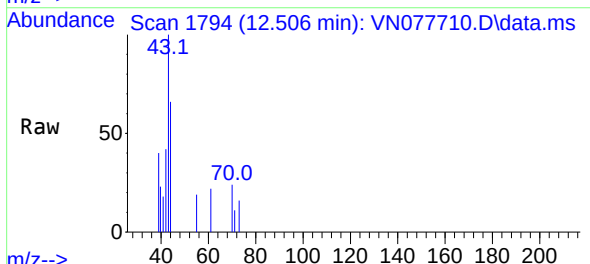
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

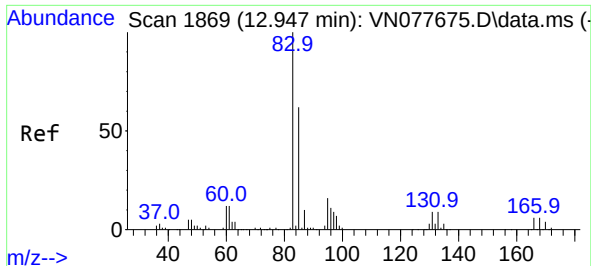
Tgt Ion:105 Resp: 7292
Ion Ratio Lower Upper
105 100
120 24.0 13.1 39.1



#74
N-ethyl acetate
Concen: 0.369 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 43 Resp: 2790
Ion Ratio Lower Upper
43 100
70 38.6 43.4 65.2#
55 24.1 21.4 32.0
61 22.7 22.8 34.2#

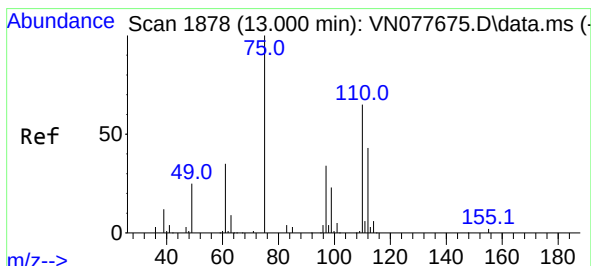
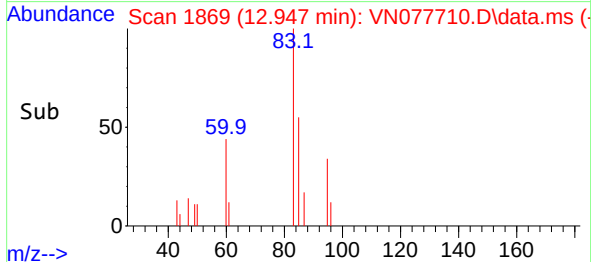
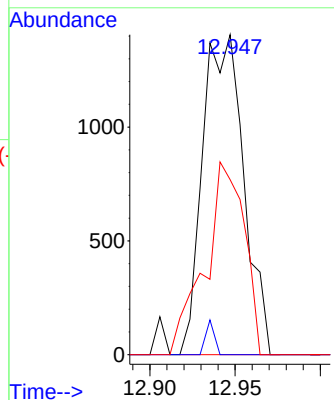
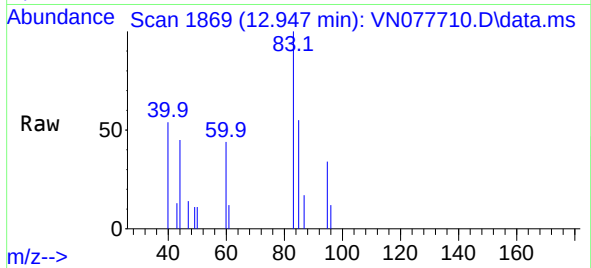




#75
1,1,2,2-Tetrachloroethane
Concen: 0.375 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

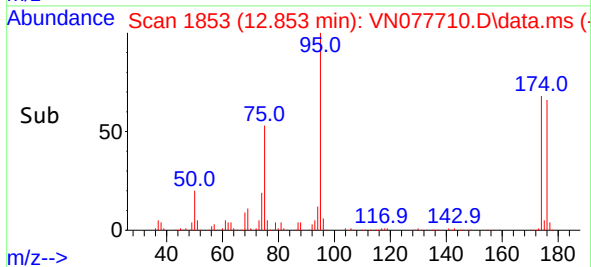
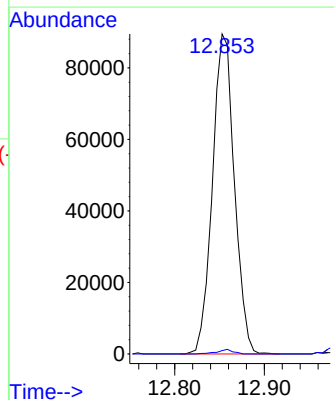
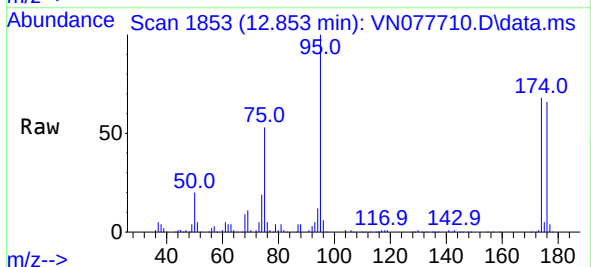
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

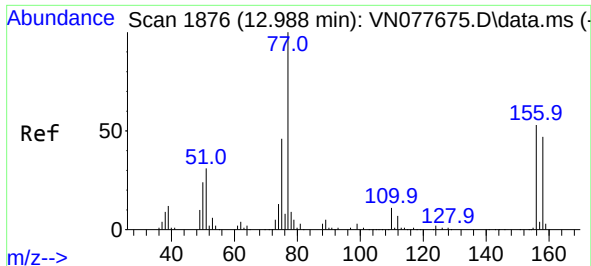
Tgt Ion: 83 Resp: 2358
Ion Ratio Lower Upper
83 100
131 2.3 5.0 15.0#
85 57.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 25.568 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 75 Resp: 151792
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#

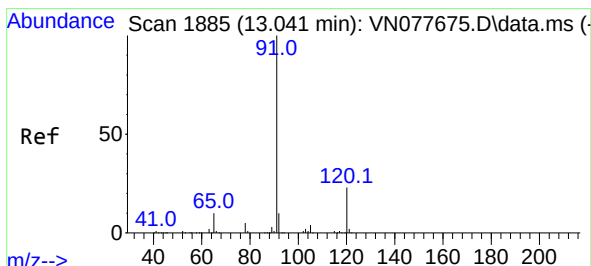
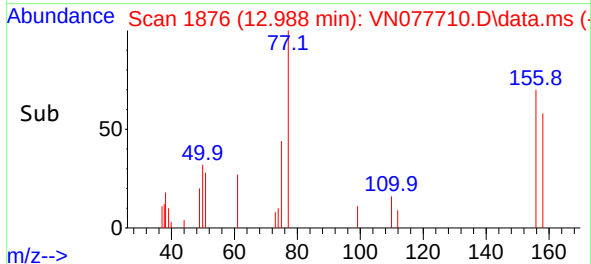
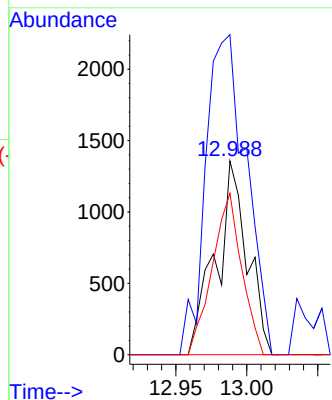
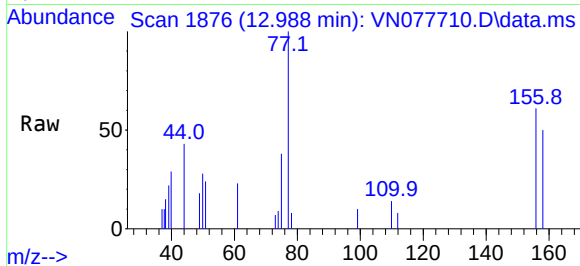




#77
Bromobenzene
Concen: 0.449 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

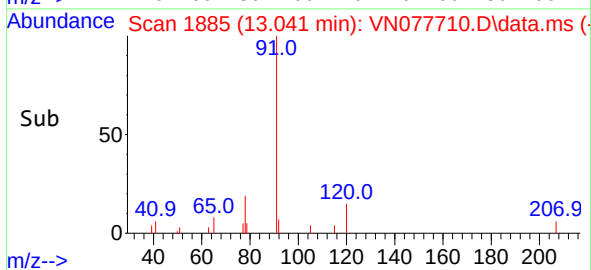
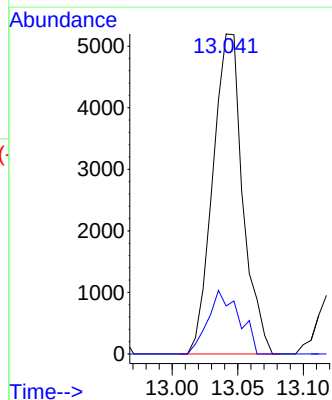
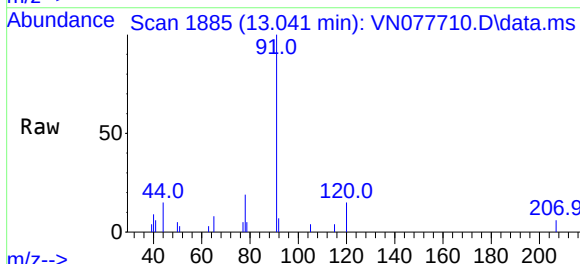
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

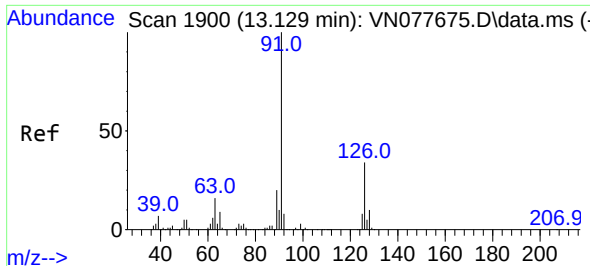
Tgt Ion:156 Resp: 2092
Ion Ratio Lower Upper
156 100
77 212.4 107.7 323.3
158 77.9 48.4 145.3



#78
n-propylbenzene
Concen: 0.344 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 91 Resp: 8280
Ion Ratio Lower Upper
91 100
120 20.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.370 ug/l

RT: 13.135 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

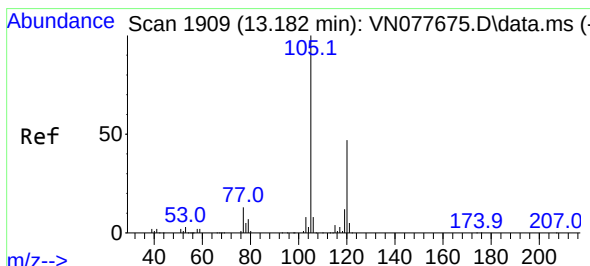
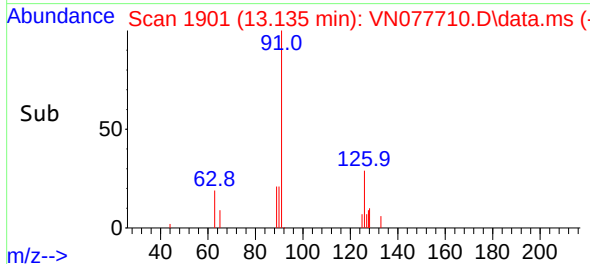
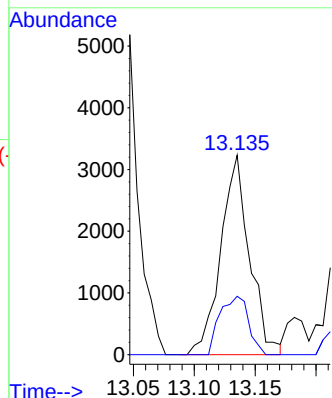
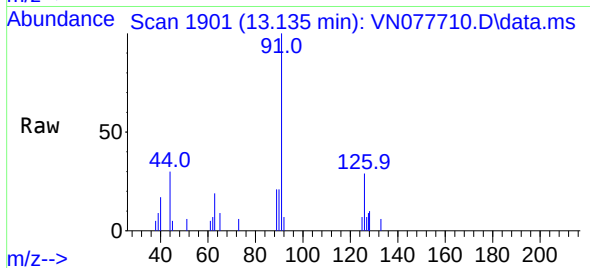
MDL-WATER-03-QT2-2023

Tgt Ion: 91 Resp: 5326

Ion Ratio Lower Upper

91 100

126 29.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.332 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077710.D

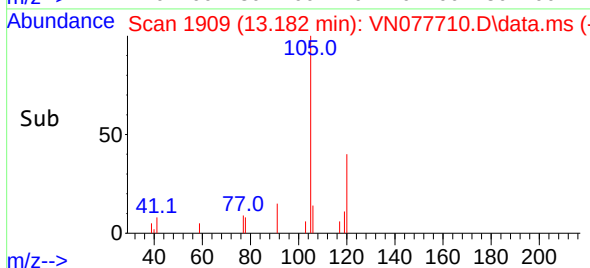
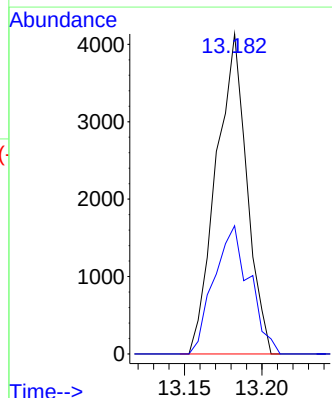
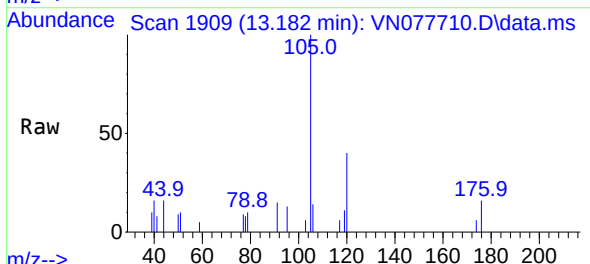
Acq: 17 May 2023 13:45

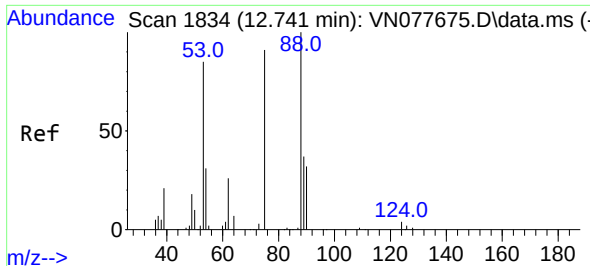
Tgt Ion:105 Resp: 5697

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.3

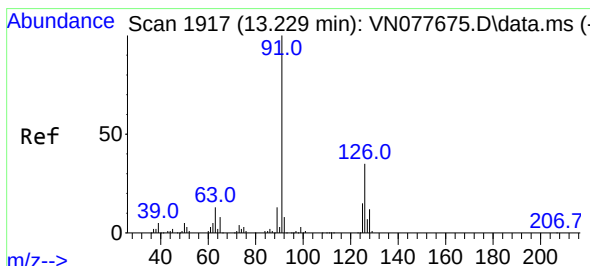
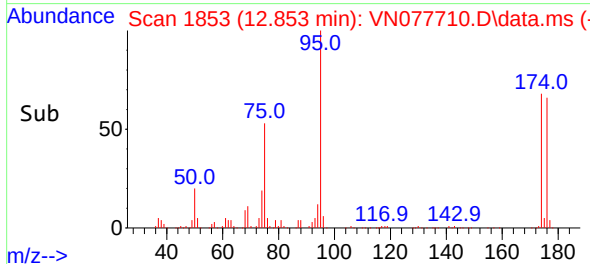
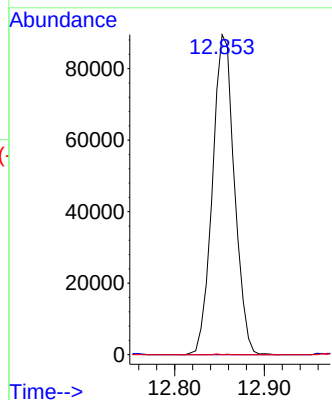
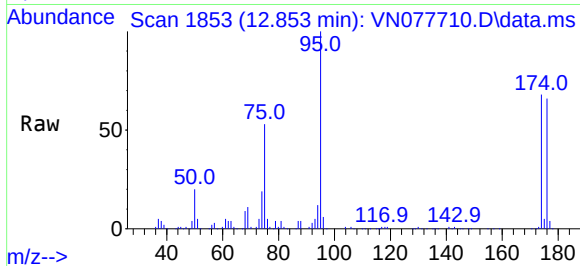




#81
trans-1,4-Dichloro-2-butene
Concen: 81.727 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

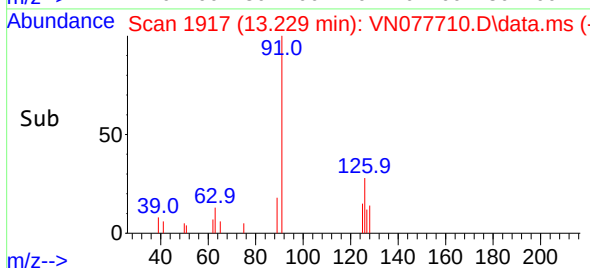
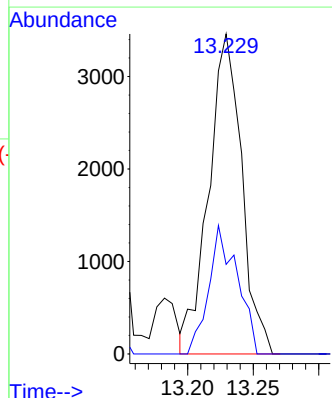
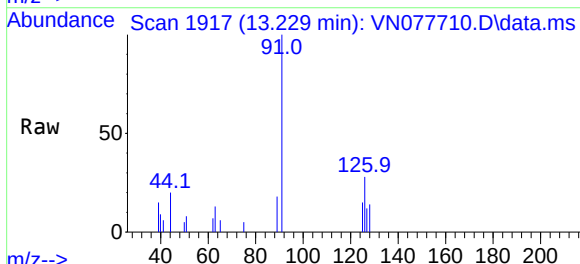
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

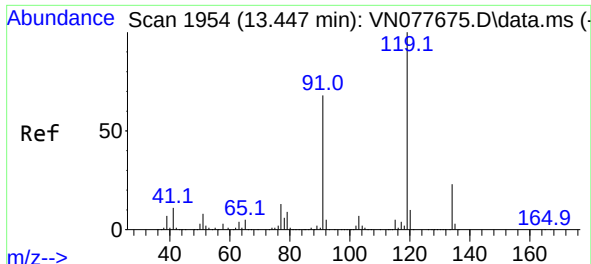
Tgt Ion: 75 Resp: 151792
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.423 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion: 91 Resp: 6049
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0

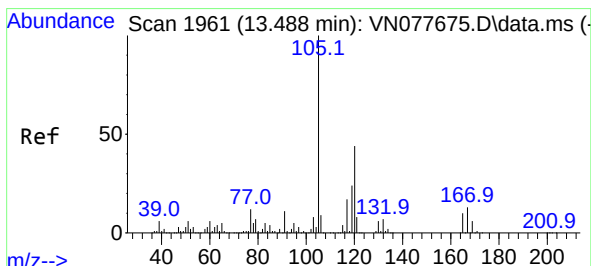
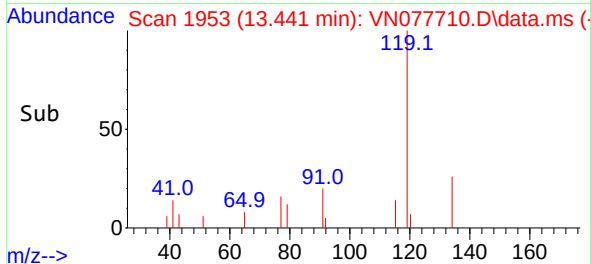
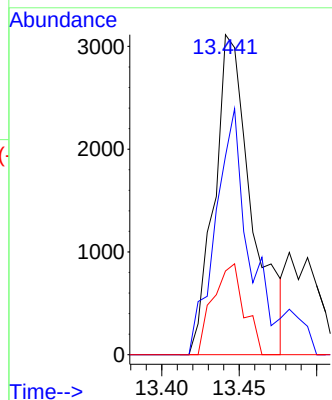
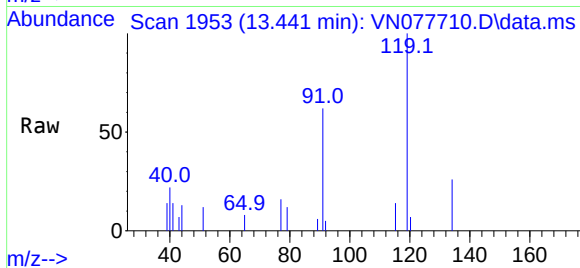




#83
tert-Butylbenzene
Concen: 0.351 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

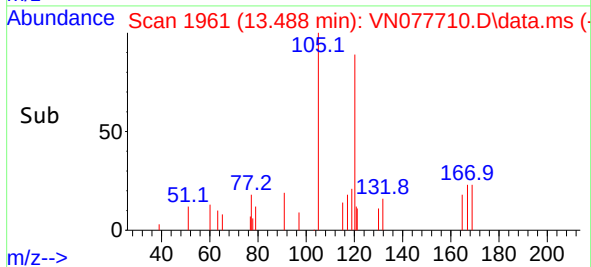
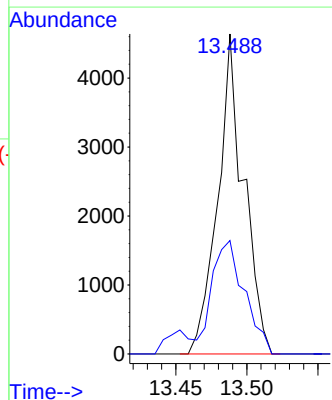
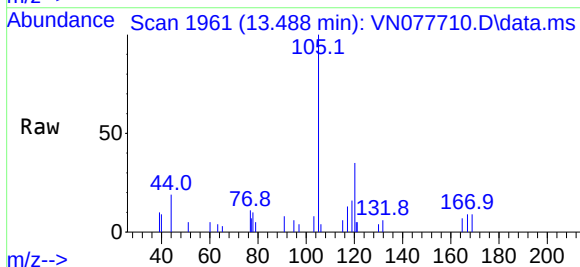
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

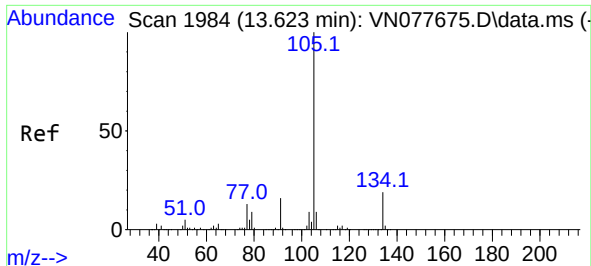
Tgt Ion:	119	Resp:	5265
Ion	Ratio	Lower	Upper
119	100		
91	69.1	33.9	101.7
134	23.5	13.2	39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.348 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:	105	Resp:	5873
Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.0	66.0

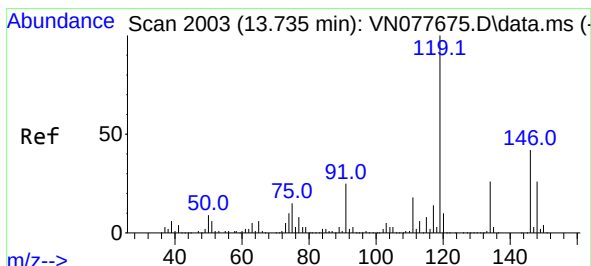
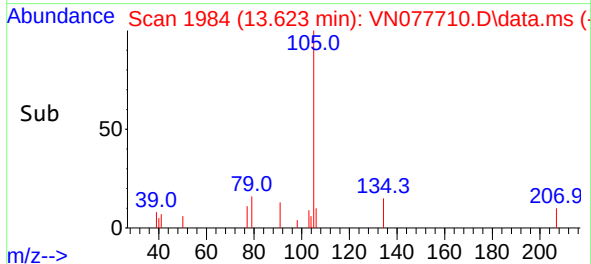
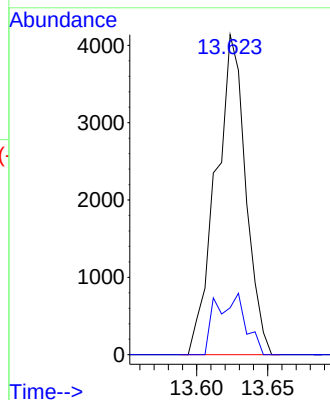
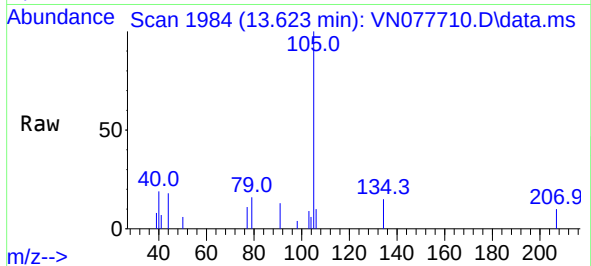




#85
sec-Butylbenzene
Concen: 0.284 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

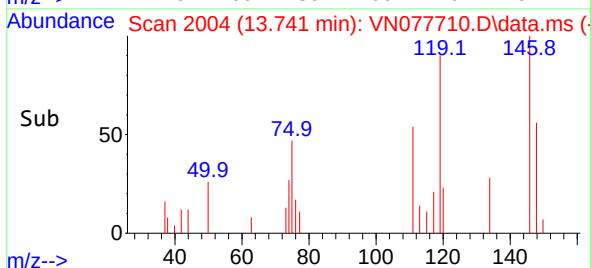
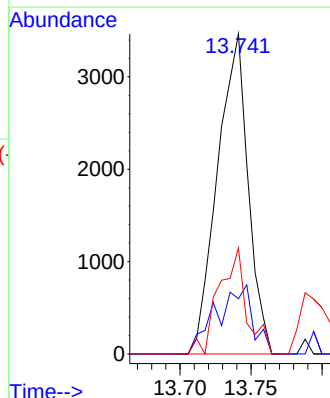
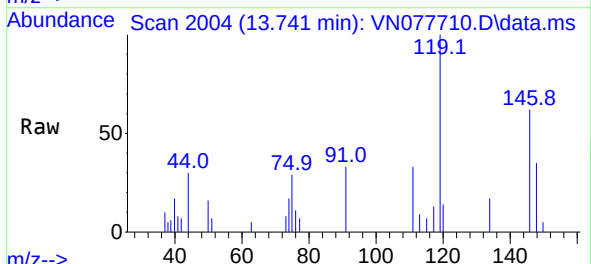
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

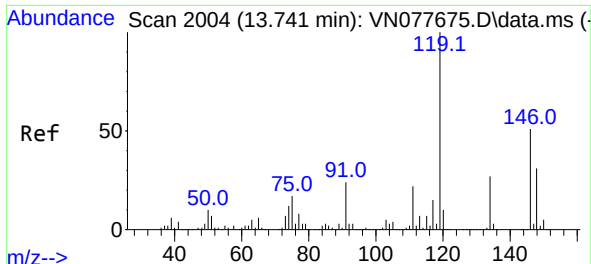
Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.8	29.3



#86
p-Isopropyltoluene
Concen: 0.306 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.6	37.8
91	29.9	12.4	37.2





#87

1,3-Dichlorobenzene

Concen: 0.433 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

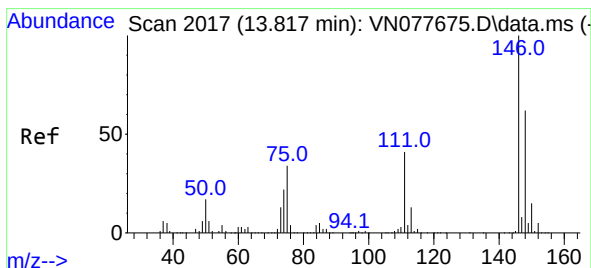
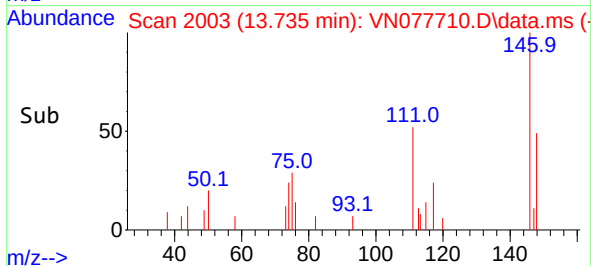
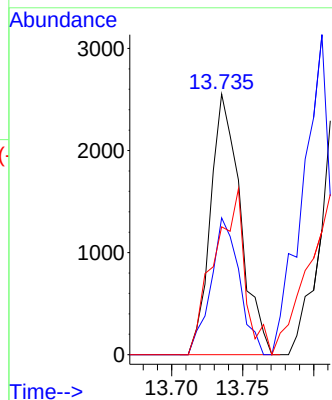
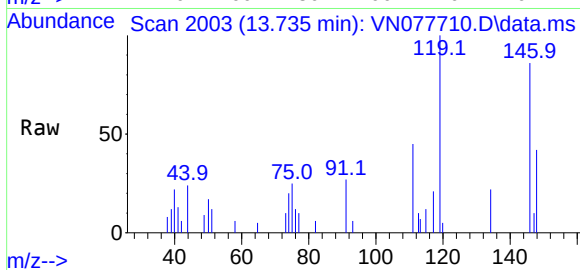
Tgt Ion:146 Resp: 3731

Ion Ratio Lower Upper

146 100

111 50.0 22.1 66.3

148 65.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.436 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.082 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

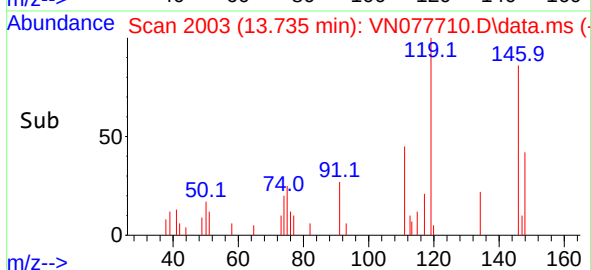
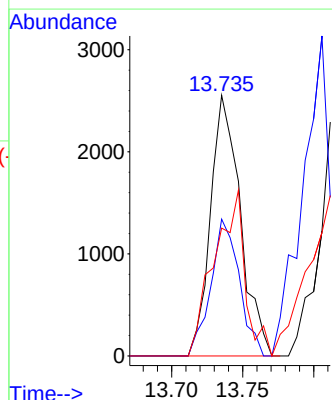
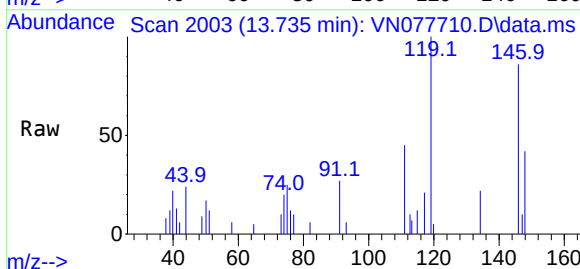
Tgt Ion:146 Resp: 3731

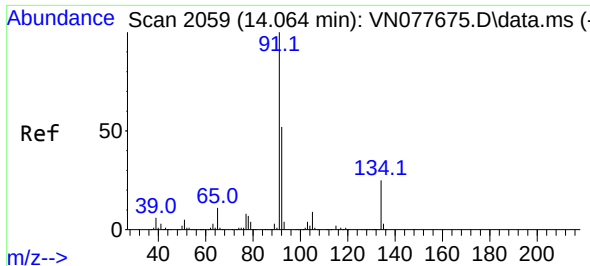
Ion Ratio Lower Upper

146 100

111 50.0 20.6 61.8

148 65.7 31.6 94.8

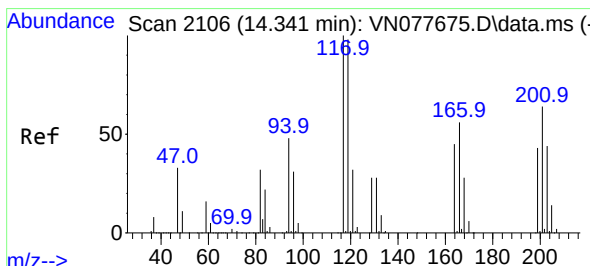
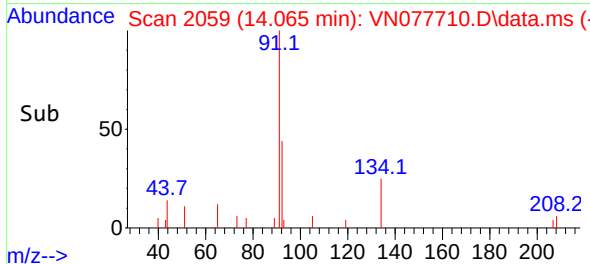
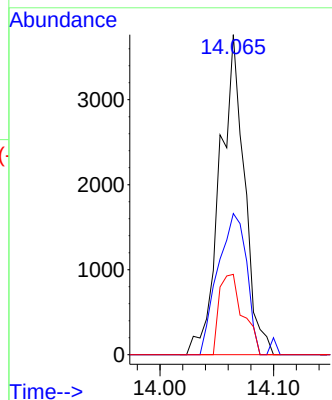
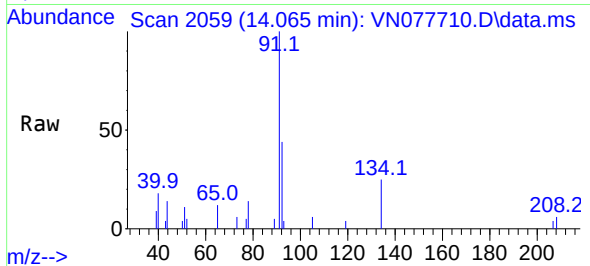




#89
n-Butylbenzene
Concen: 0.363 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

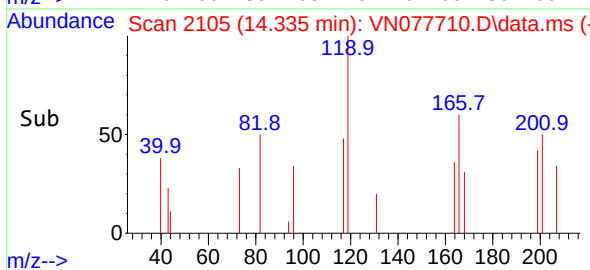
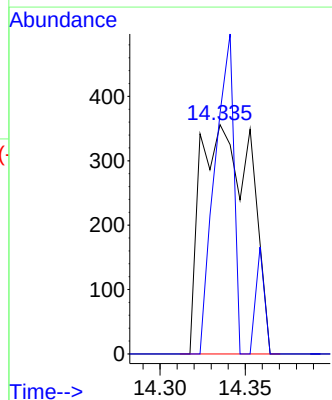
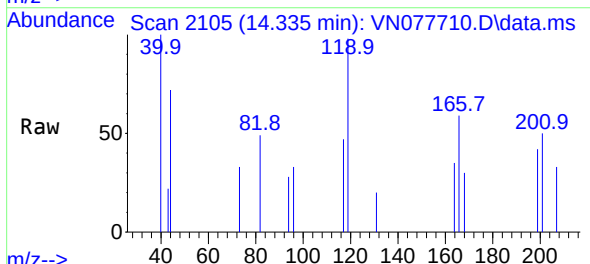
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

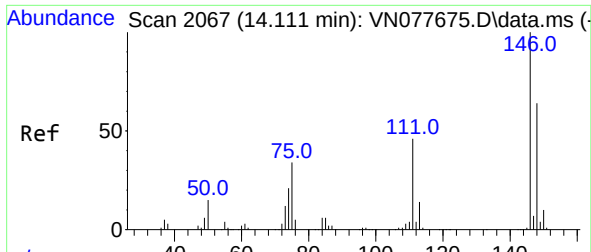
Tgt Ion:	91	Resp:	5678
Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.4	79.0
134	24.2	12.6	37.6



#90
Hexachloroethane
Concen: 0.262 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:	117	Resp:	730
Ion	Ratio	Lower	Upper
117	100		
201	52.5	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 0.408 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.005 min

Lab File: VN077710.D

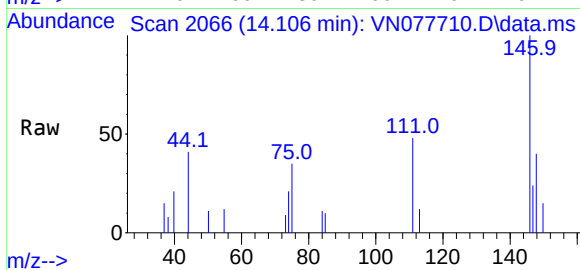
Acq: 17 May 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023



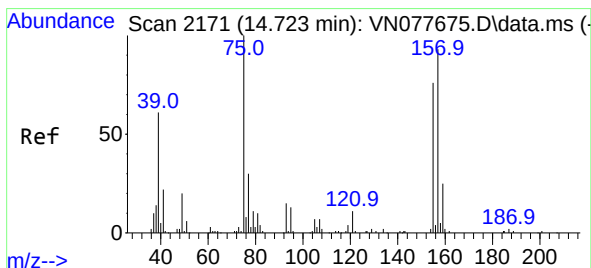
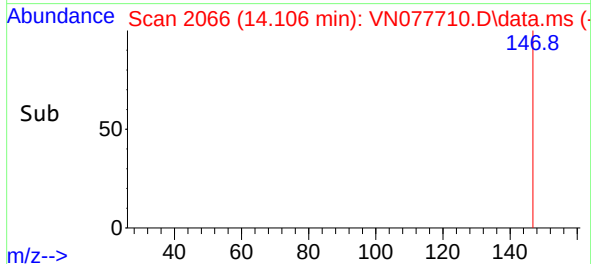
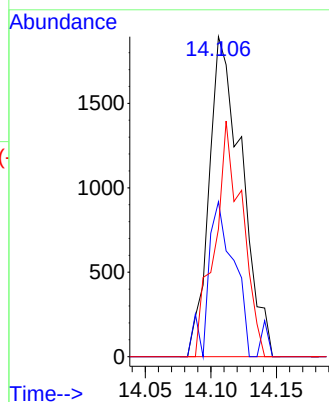
Tgt Ion:146 Resp: 3286

Ion Ratio Lower Upper

146 100

111 38.3 22.0 66.0

148 61.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.502 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN077710.D

Acq: 17 May 2023 13:45

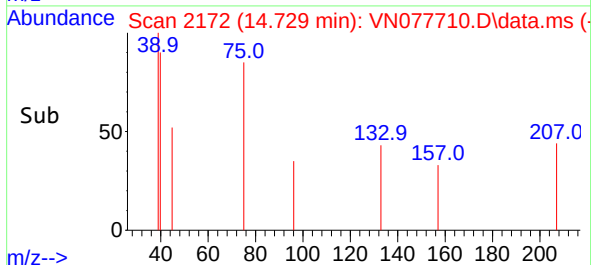
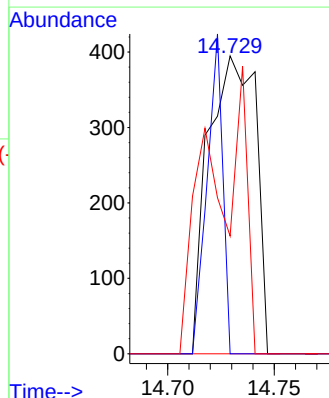
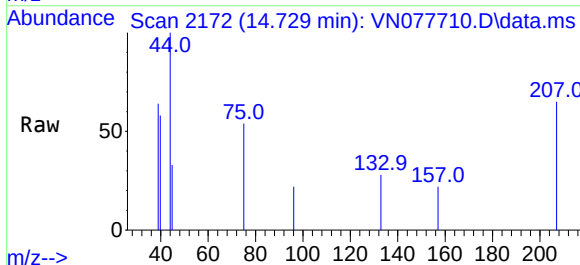
Tgt Ion: 75 Resp: 611

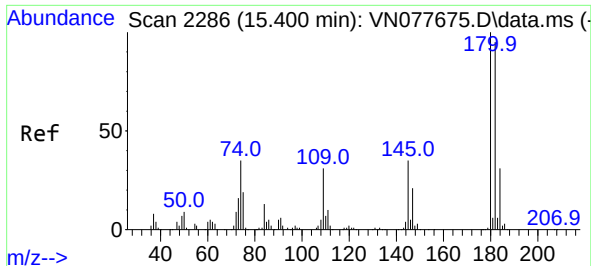
Ion Ratio Lower Upper

75 100

155 35.5 39.1 117.2#

157 72.3 50.3 150.9

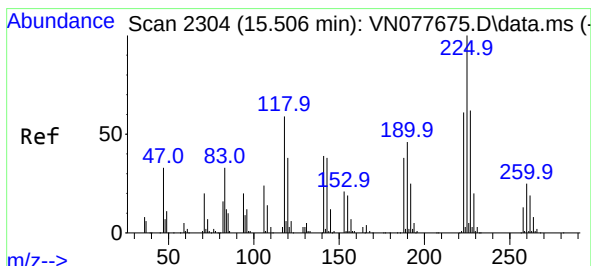
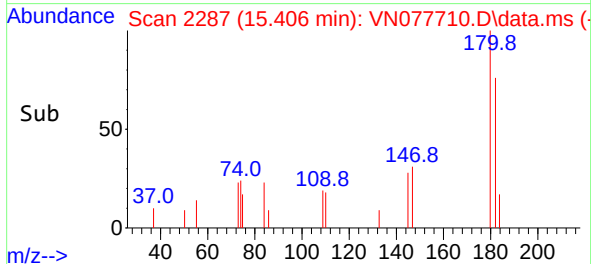
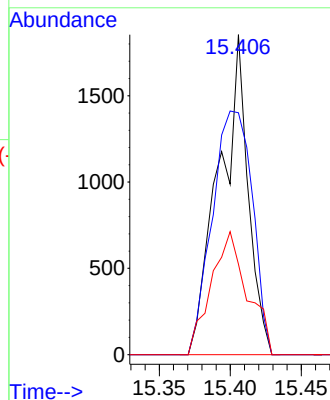
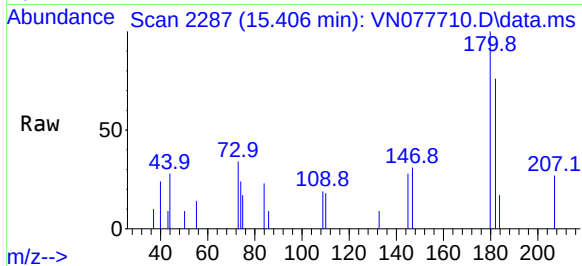




#93
1,2,4-Trichlorobenzene
Concen: 0.560 ug/l
RT: 15.406 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

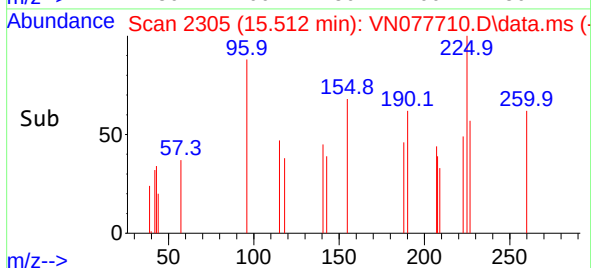
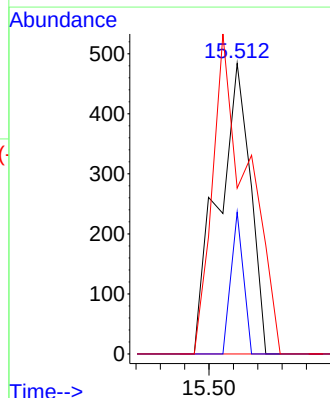
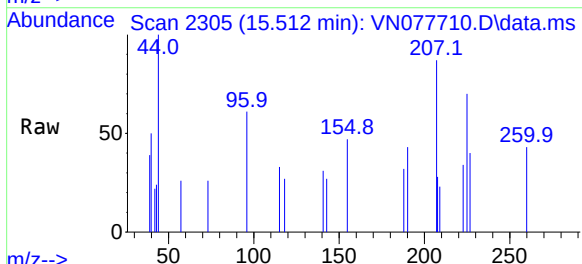
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

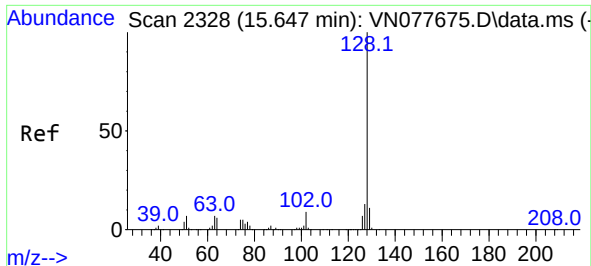
Tgt Ion:	180	Resp:	2637
Ion	Ratio	Lower	Upper
180	100		
182	105.2	46.1	138.2
145	48.1	16.6	49.8



#94
Hexachlorobutadiene
Concen: 0.227 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:	225	Resp:	444
Ion	Ratio	Lower	Upper
225	100		
223	18.7	31.3	93.8#
227	120.5	31.9	95.9#

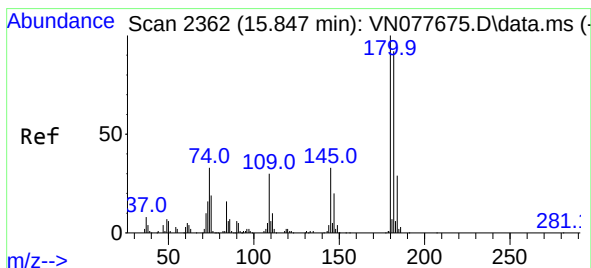
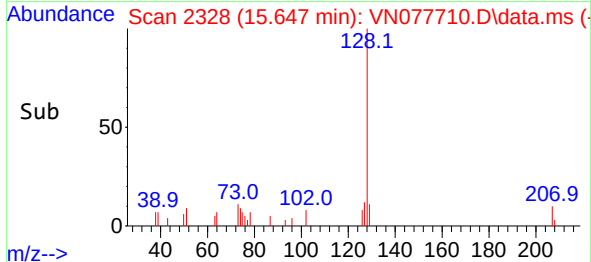
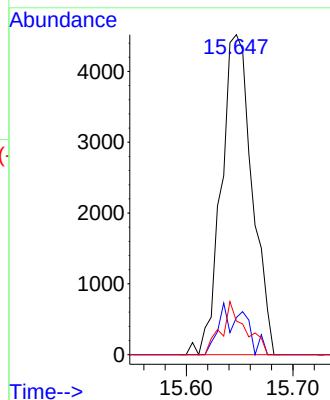
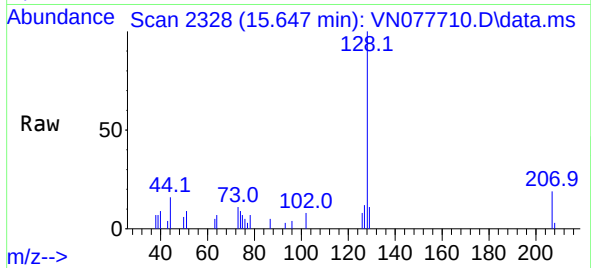




#95
Naphthalene
Concen: 0.560 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:128 Resp: 9082
Ion Ratio Lower Upper
128 100
127 6.0 10.0 15.0#
129 12.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.552 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077710.D
Acq: 17 May 2023 13:45

Tgt Ion:180 Resp: 2546
Ion Ratio Lower Upper
180 100
182 94.5 46.2 138.6
145 24.7 17.5 52.6

