

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079859.D
 Acq On : 03 Nov 2023 19:14
 Operator : JC\MD
 Sample : 04699-09 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Nov 04 00:56:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	243605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	444624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	408963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240259	64.735	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 129.480%#			
35) Dibromofluoromethane	8.171	113	179284	56.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.940%			
50) Toluene-d8	10.571	98	618712	53.407	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.853	95	179920	46.829	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	2433	0.829	ug/l	78
3) Chloromethane	2.359	50	4585	0.578	ug/l	95
4) Vinyl Chloride	2.512	62	4089	1.065	ug/l #	60
5) Bromomethane	2.965	94	3021	1.294	ug/l #	66
6) Chloroethane	3.118	64	2290	0.755	ug/l #	64
7) Trichlorofluoromethane	3.500	101	4440	0.929	ug/l	84
8) Diethyl Ether	3.983	74	1360	0.750	ug/l #	15
9) 1,1,2-Trichlorotrifluo...	4.359	101	1752	0.633	ug/l #	33
10) Methyl Iodide	4.583	142	1060	0.335	ug/l #	79
11) Tert butyl alcohol	5.518	59	1948	4.112	ug/l #	72
12) 1,1-Dichloroethene	4.347	96	2308	0.880	ug/l	85
13) Acrolein	4.183	56	909	4.581	ug/l #	79
14) Allyl chloride	5.024	41	3696	0.920	ug/l #	62
15) Acrylonitrile	5.730	53	6042	4.092	ug/l	97
16) Acetone	4.442	43	7186	5.512	ug/l #	74
17) Carbon Disulfide	4.718	76	6539	0.865	ug/l #	90
18) Methyl Acetate	5.018	43	1867	0.299	ug/l #	43
19) Methyl tert-butyl Ether	5.800	73	6551	0.726	ug/l	97
20) Methylene Chloride	5.265	84	1946	0.592	ug/l #	82
21) trans-1,2-Dichloroethene	5.788	96	2314	0.791	ug/l	91
22) Diisopropyl ether	6.677	45	6796	0.730	ug/l #	85
23) Vinyl Acetate	6.606	43	17561	3.421	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	5163	0.913	ug/l #	81
25) 2-Butanone	7.494	43	7833	4.103	ug/l	89
26) 2,2-Dichloropropane	7.488	77	3451	0.738	ug/l	87
27) cis-1,2-Dichloroethene	7.488	96	2800	0.800	ug/l	72
28) Bromochloromethane	7.818	49	2826	1.025	ug/l #	81
29) Tetrahydrofuran	7.859	42	4618	3.718	ug/l #	75
30) Chloroform	7.965	83	6122	0.996	ug/l	83
31) Cyclohexane	8.229	56	10679	2.177	ug/l #	44
32) 1,1,1-Trichloroethane	8.171	97	4501	0.899	ug/l #	46
36) 1,1-Dichloropropene	8.377	75	3520	0.783	ug/l	93
37) Ethyl Acetate	7.577	43	3681	0.893	ug/l #	71
38) Carbon Tetrachloride	8.365	117	3858	0.852	ug/l #	81
39) Methylcyclohexane	9.600	83	2837	0.671	ug/l	91
40) Benzene	8.606	78	11582	0.861	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	1397	0.638	ug/l #	76
42) 1,2-Dichloroethane	8.677	62	4633	0.986	ug/l	84
43) Isopropyl Acetate	8.700	43	5266	0.729	ug/l #	82
44) Trichloroethene	9.359	130	2782	0.833	ug/l	82
45) 1,2-Dichloropropane	9.629	63	3066	0.891	ug/l #	88
46) Dibromomethane	9.712	93	2222	0.946	ug/l	95
47) Bromodichloromethane	9.888	83	4543	0.907	ug/l	92
48) Methyl methacrylate	9.688	41	2461	0.777	ug/l #	76
49) 1,4-Dioxane	9.694	88	593	10.602	ug/l #	48
51) 4-Methyl-2-Pentanone	10.447	43	14918	3.667	ug/l #	79
52) Toluene	10.629	92	6550	0.821	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	3509	0.715	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	3725	0.696	ug/l #	70
55) 1,1,2-Trichloroethane	11.018	97	2824	0.880	ug/l	91
56) Ethyl methacrylate	10.882	69	3147	0.688	ug/l #	71
57) 1,3-Dichloropropane	11.170	76	4878	0.862	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	6586	2.839	ug/l #	81
59) 2-Hexanone	11.200	43	9702	3.117	ug/l	82
60) Dibromochloromethane	11.365	129	3248	0.946	ug/l	89
61) 1,2-Dibromoethane	11.476	107	2671	0.829	ug/l	87
64) Tetrachloroethene	11.100	164	2830	1.068	ug/l #	80
65) Chlorobenzene	11.888	112	6388	0.720	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	11.965	131	2514	0.787	ug/l #	64
67) Ethyl Benzene	11.970	91	10762	0.696	ug/l	97
68) m/p-Xylenes	12.076	106	7615	1.323	ug/l	92
69) o-Xylene	12.406	106	3399	0.613	ug/l	98
70) Styrene	12.417	104	5214	0.585	ug/l	95
71) Bromoform	12.588	173	1626	0.716	ug/l #	86
73) Isopropylbenzene	12.700	105	7706	0.664	ug/l	97
74) N-amyl acetate	12.494	43	3426	0.677	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	4307	1.047	ug/l	94
76) 1,2,3-Trichloropropane	13.000	75	4588	1.279	ug/l	75
77) Bromobenzene	12.982	156	2628	0.925	ug/l	90
78) n-propylbenzene	13.041	91	9898	0.745	ug/l	95
79) 2-Chlorotoluene	13.129	91	6554	0.772	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	6509	0.721	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	99277	75.277	ug/l #	15
82) 4-Chlorotoluene	13.229	91	6615	0.784	ug/l	94
83) tert-Butylbenzene	13.435	119	4858	0.658	ug/l	89
84) 1,2,4-Trimethylbenzene	13.488	105	5384	0.606	ug/l	86
85) sec-Butylbenzene	13.611	105	6412	0.626	ug/l	90
86) p-Isopropyltoluene	13.735	119	4839	0.580	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	4204	0.796	ug/l	93
88) 1,4-Dichlorobenzene	13.735	146	4204	0.784	ug/l	91
89) n-Butylbenzene	14.059	91	4830	0.672	ug/l	93
90) Hexachloroethane	14.341	117	1381	0.836	ug/l	96
91) 1,2-Dichlorobenzene	14.111	146	3829	0.768	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.729	75	781	1.120	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	1558	0.657	ug/l	92
94) Hexachlorobutadiene	15.506	225	1141	1.061	ug/l	85
95) Naphthalene	15.641	128	4110	0.511	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	875	0.376	ug/l #	51

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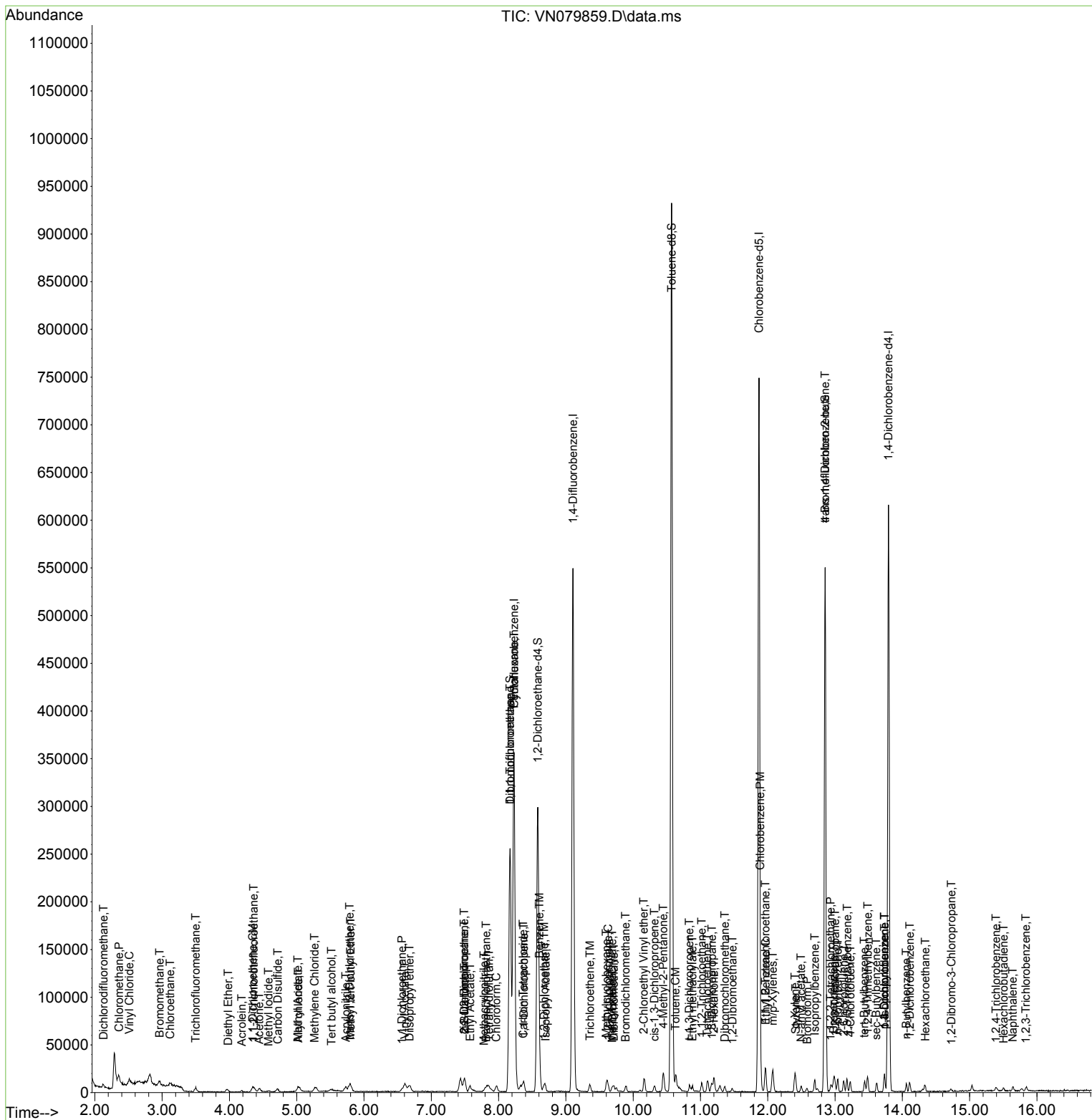
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

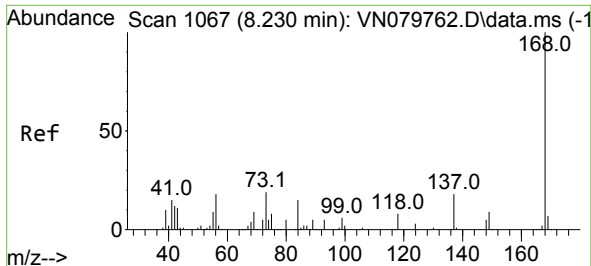
Quant Time: Nov 04 00:56:21 2023
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QLast Update : Thu Nov 02 05:49:08 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

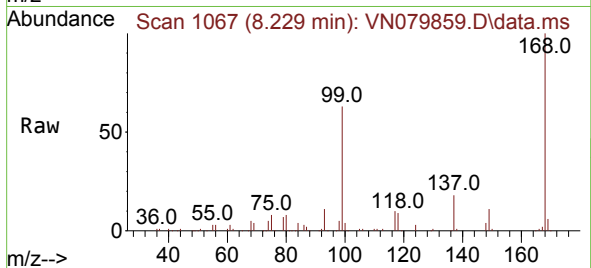
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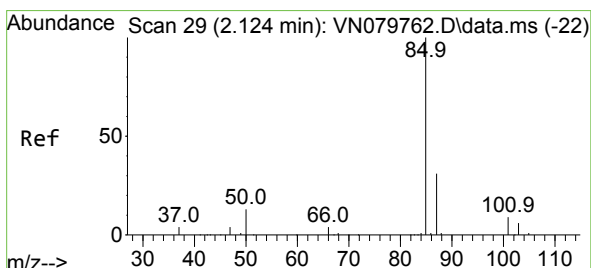
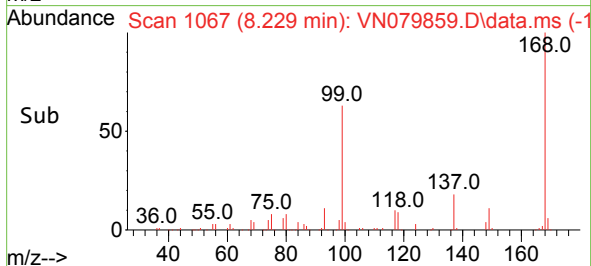
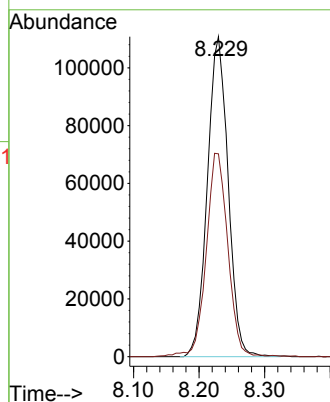


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.001 min
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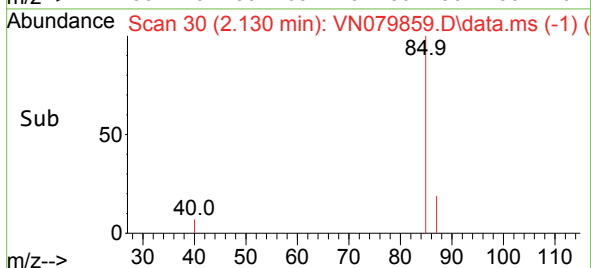
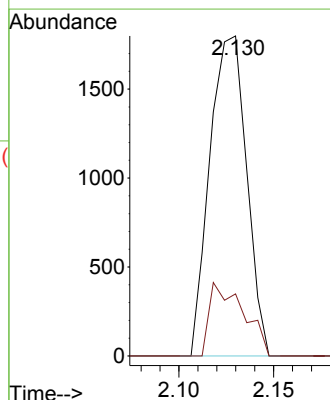
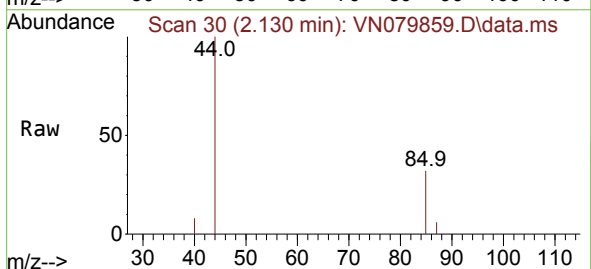


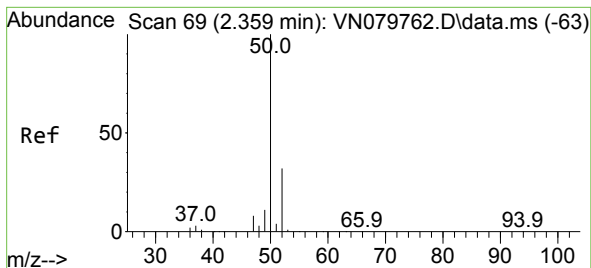
Tgt Ion:168 Resp: 243605
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.829 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 85 Resp: 2433
Ion Ratio Lower Upper
85 100
87 19.4 15.8 47.4





#3

Chloromethane

Concen: 0.578 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

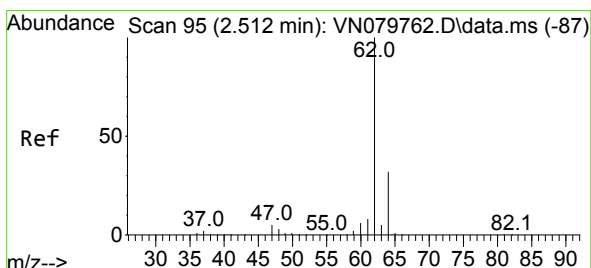
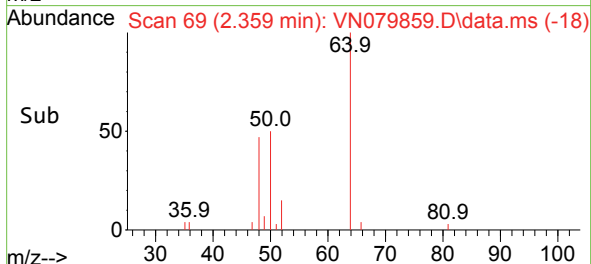
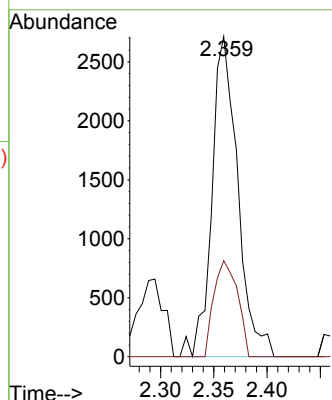
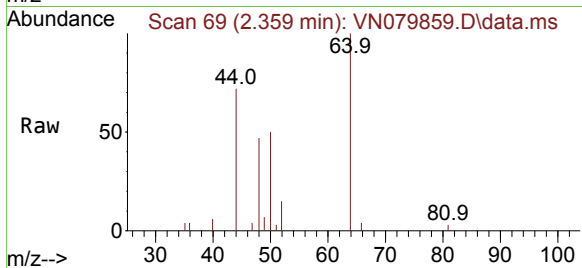
MDL-WATER-03-QT4-2023

Tgt Ion: 50 Resp: 4585

Ion Ratio Lower Upper

50 100

52 30.0 26.5 39.7



#4

Vinyl Chloride

Concen: 1.065 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079859.D

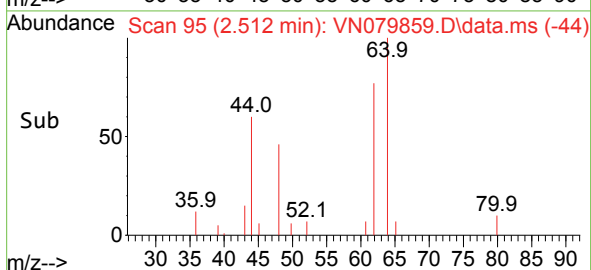
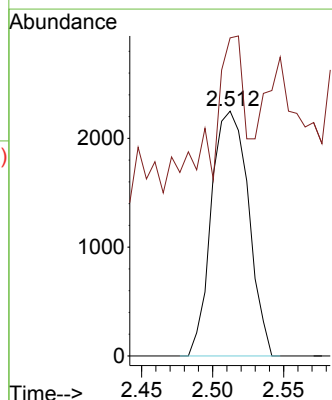
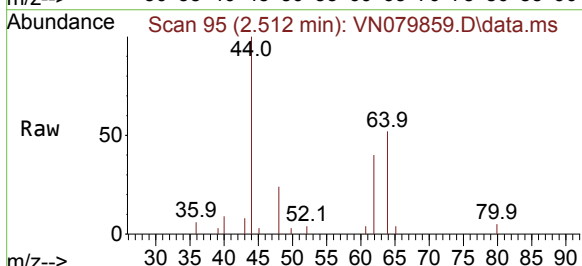
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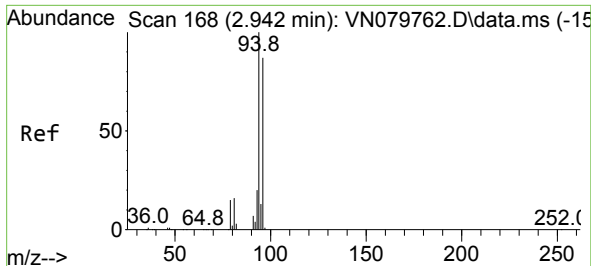
Tgt Ion: 62 Resp: 4089

Ion Ratio Lower Upper

62 100

64 55.0 26.2 39.2#

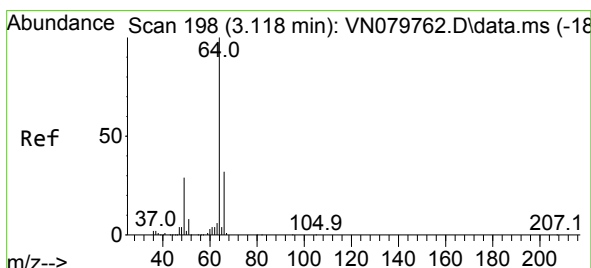
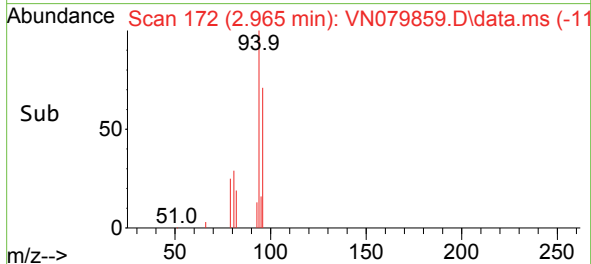
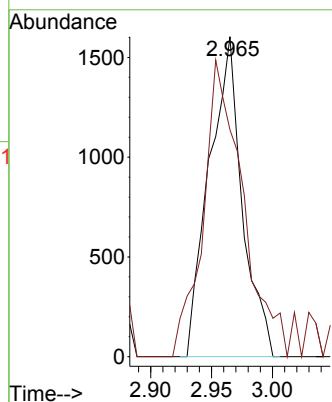
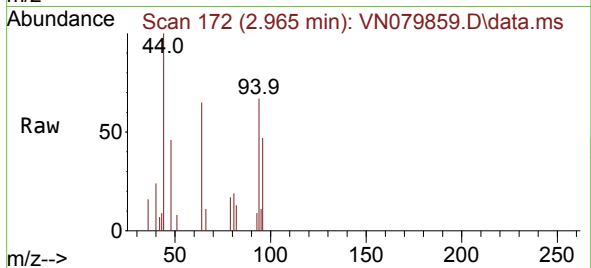




#5
Bromomethane
Concen: 1.294 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

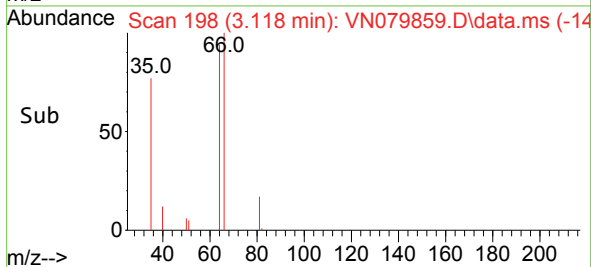
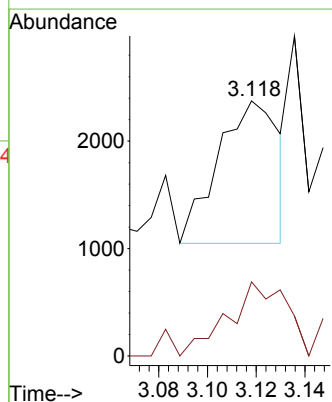
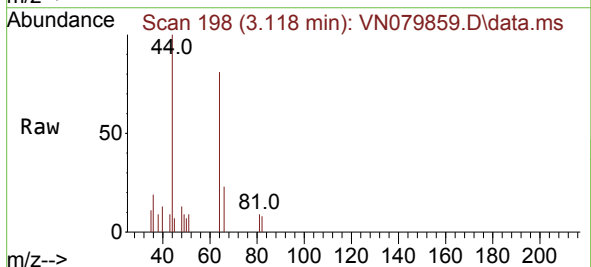
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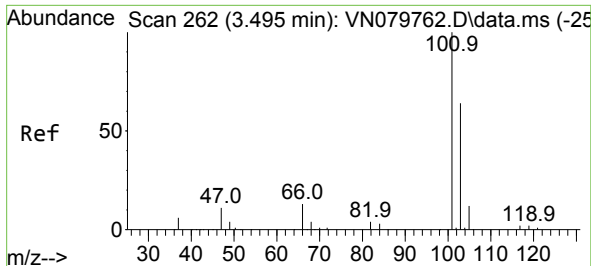
Tgt Ion: 94 Resp: 3021
Ion Ratio Lower Upper
94 100
96 59.1 73.1 109.7#



#6
Chloroethane
Concen: 0.755 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 64 Resp: 2290
Ion Ratio Lower Upper
64 100
66 52.1 25.4 38.2#

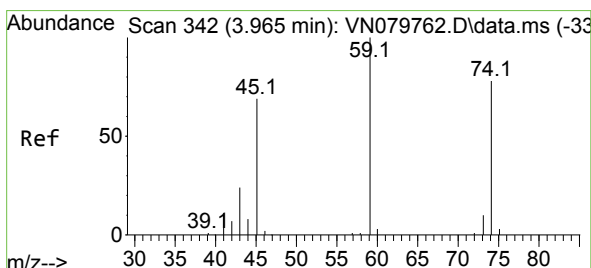
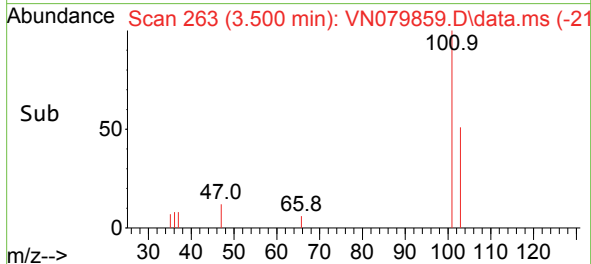
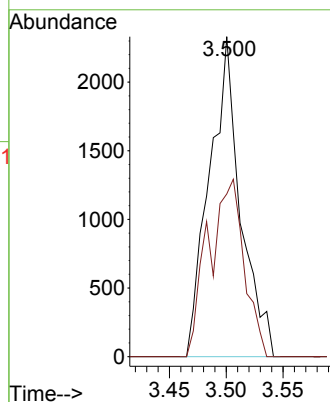
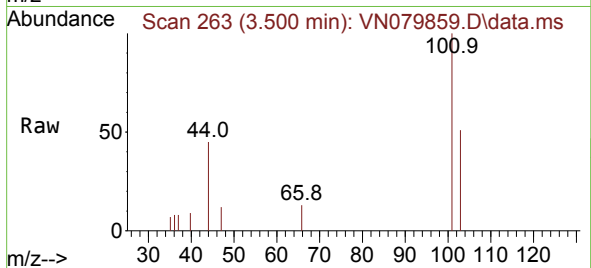




#7
Trichlorofluoromethane
Concen: 0.929 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

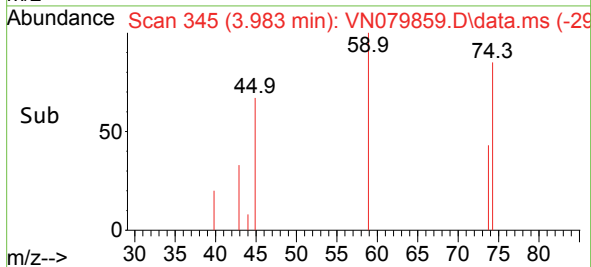
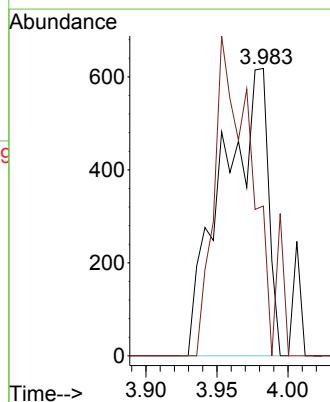
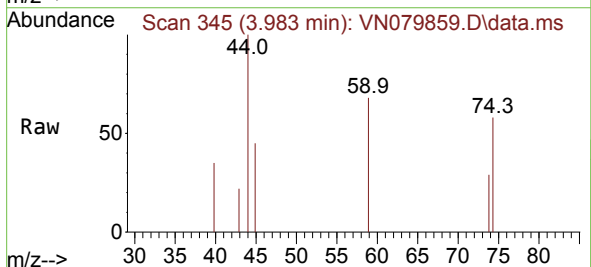
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

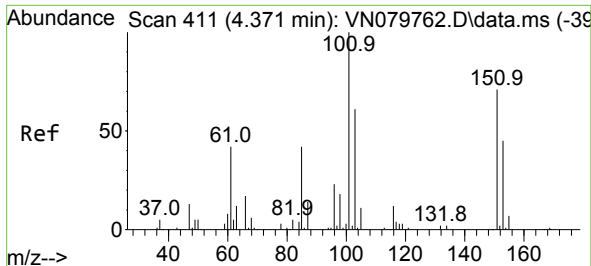
Tgt Ion:101 Resp: 4440
Ion Ratio Lower Upper
101 100
103 50.8 50.7 76.1



#8
Diethyl Ether
Concen: 0.750 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.018 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 74 Resp: 1360
Ion Ratio Lower Upper
74 100
45 0.0 34.4 103.3#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.633 ug/l

RT: 4.359 min Scan# 409

Delta R.T. -0.012 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

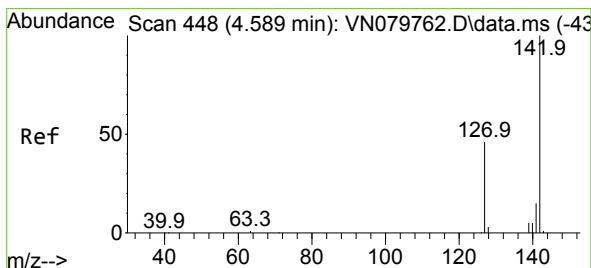
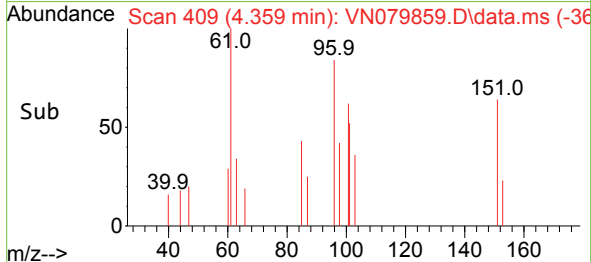
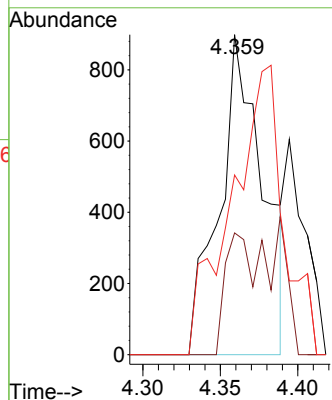
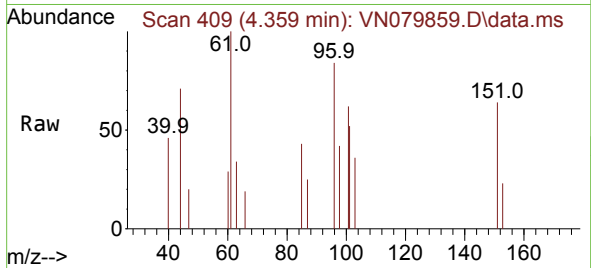
Tgt Ion:101 Resp: 1752

Ion Ratio Lower Upper

101 100

85 22.4 36.6 55.0#

151 0.0 57.6 86.4#



#10

Methyl Iodide

Concen: 0.335 ug/l

RT: 4.583 min Scan# 447

Delta R.T. -0.012 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

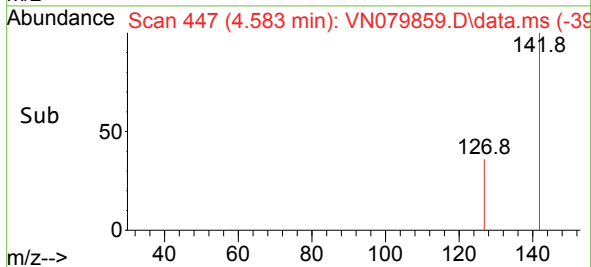
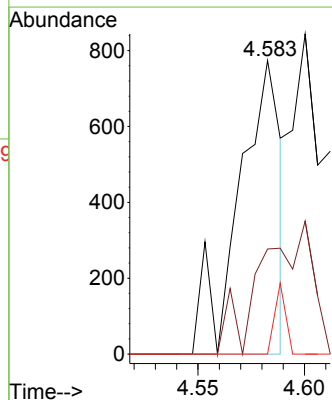
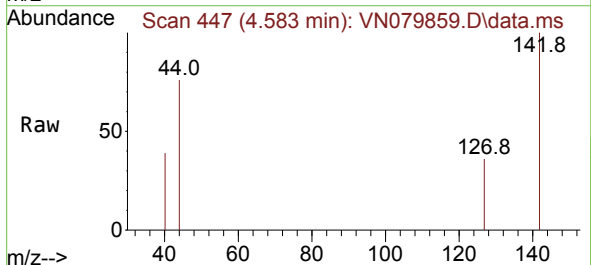
Tgt Ion:142 Resp: 1060

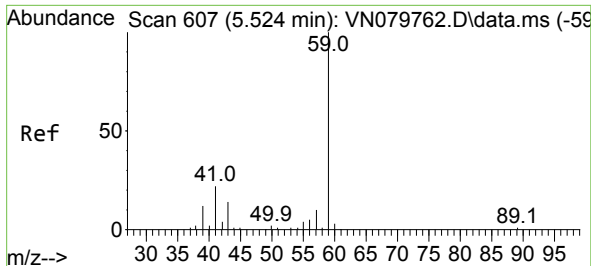
Ion Ratio Lower Upper

142 100

127 35.8 37.6 56.4#

141 0.0 11.4 17.0#

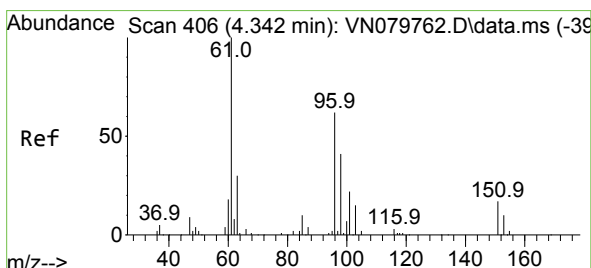
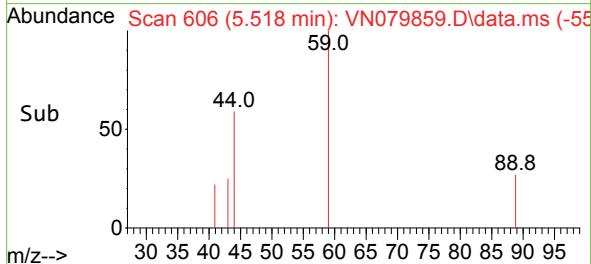
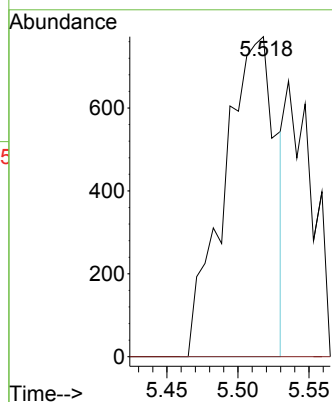
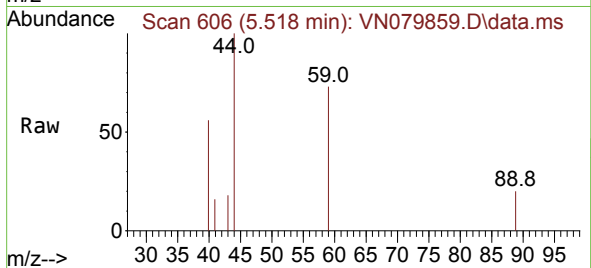




#11
Tert butyl alcohol
Concen: 4.112 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

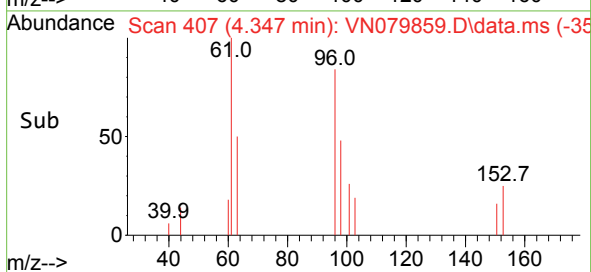
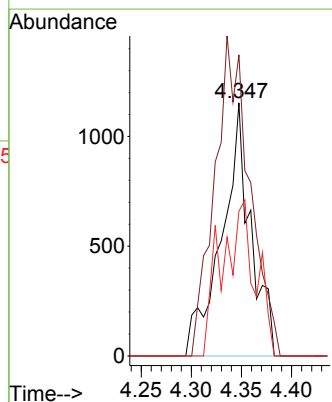
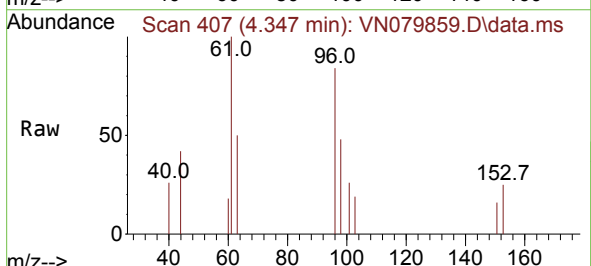
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

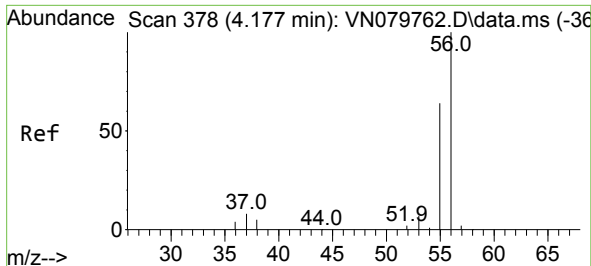
Tgt Ion: 59 Resp: 1948
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.880 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 96 Resp: 2308
Ion Ratio Lower Upper
96 100
61 119.0 112.7 169.1
98 57.2 51.2 76.8

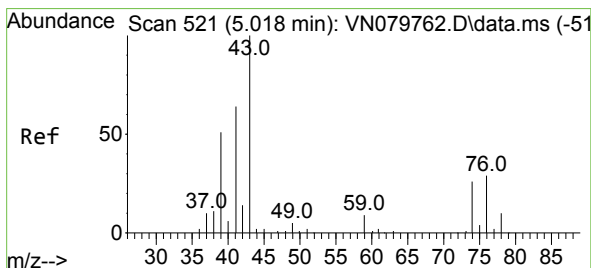
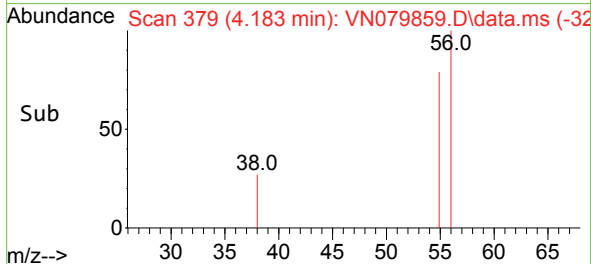
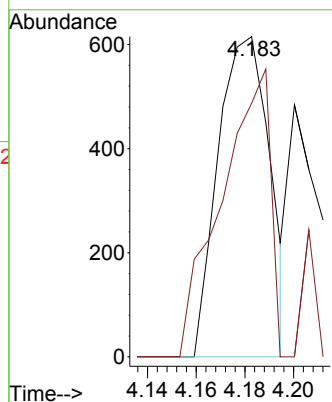
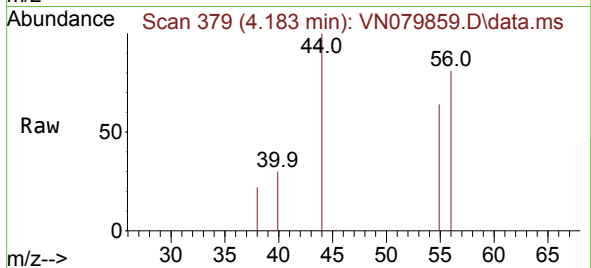




#13
Acrolein
Concen: 4.581 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

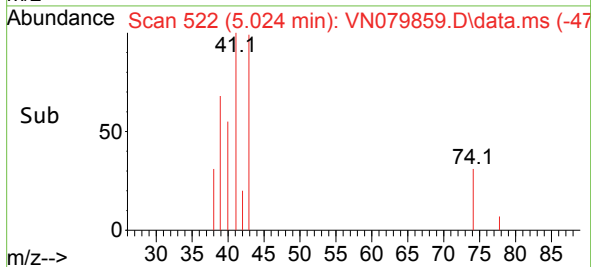
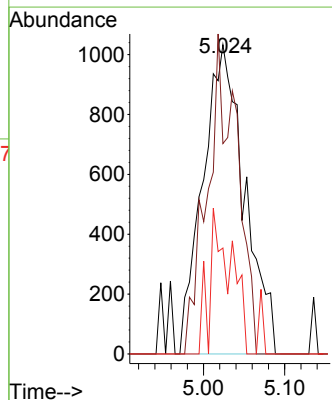
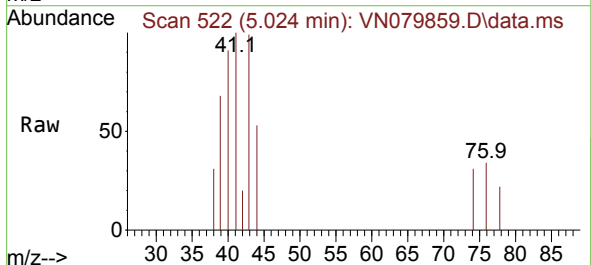
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

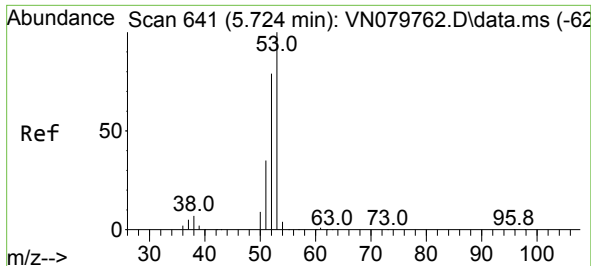
Tgt Ion: 56 Resp: 909
Ion Ratio Lower Upper
56 100
55 84.7 54.5 81.7#



#14
Allyl chloride
Concen: 0.920 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 41 Resp: 3696
Ion Ratio Lower Upper
41 100
39 47.4 58.8 88.2#
76 16.2 39.1 58.7#

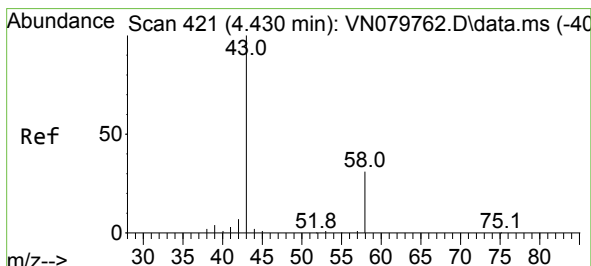
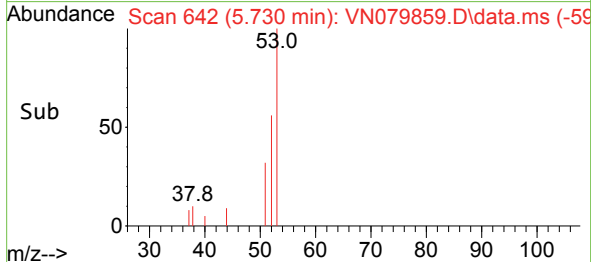
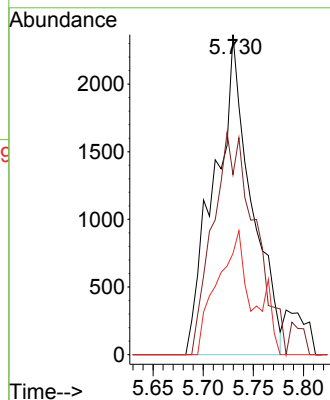
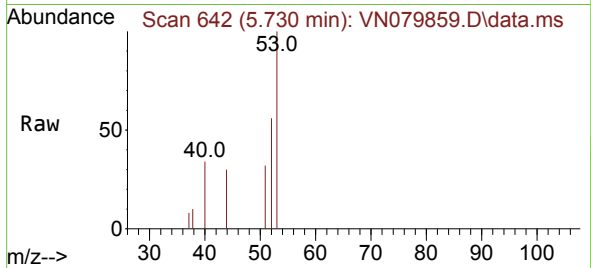




#15
Acrylonitrile
Concen: 4.092 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

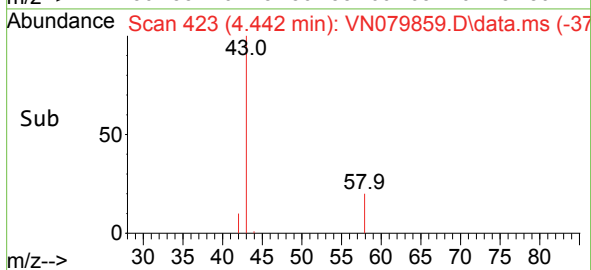
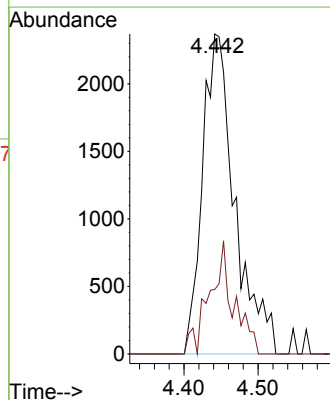
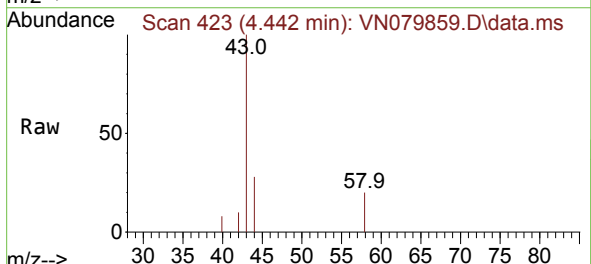
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

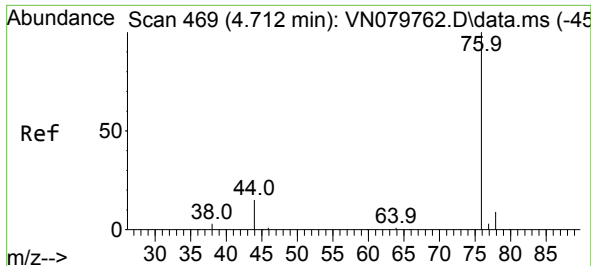
Tgt Ion: 53	Resp: 6042
Ion Ratio	Lower Upper
53	100
52	79.6 65.3 97.9
51	33.3 28.9 43.3



#16
Acetone
Concen: 5.512 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 43	Resp: 7186
Ion Ratio	Lower Upper
43	100
58	20.1 28.0 42.0#

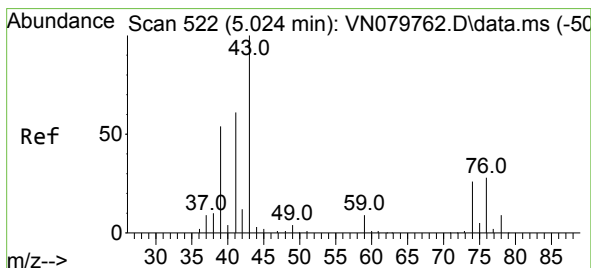
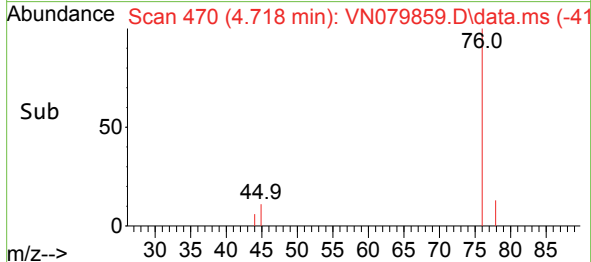
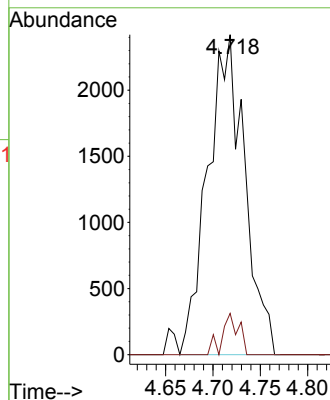
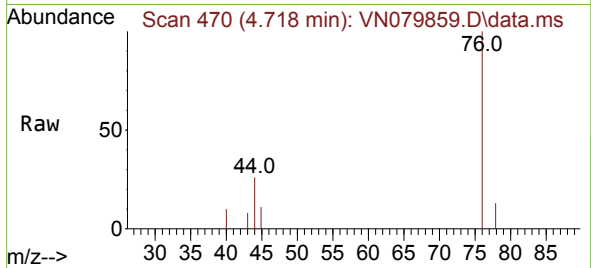




#17
Carbon Disulfide
Concen: 0.865 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

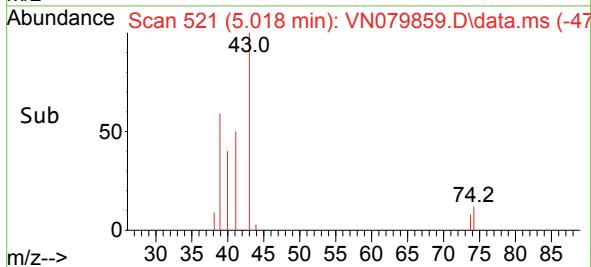
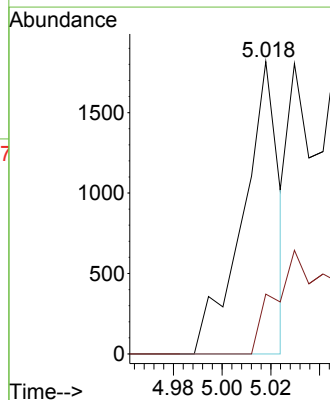
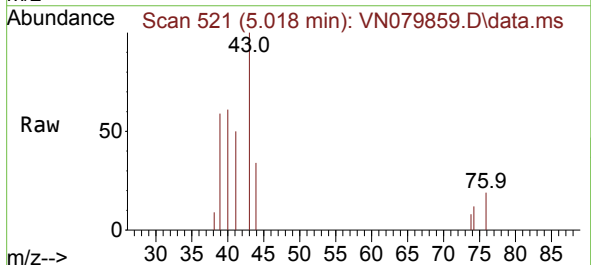
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

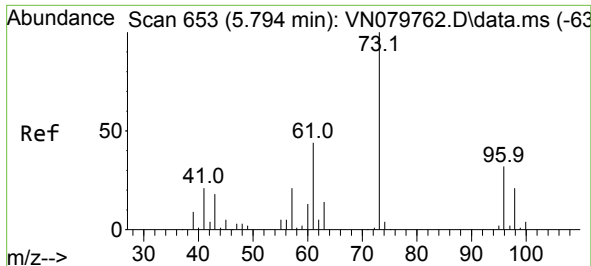
Tgt Ion: 76 Resp: 6539
Ion Ratio Lower Upper
76 100
78 12.9 7.4 11.0#



#18
Methyl Acetate
Concen: 0.299 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 43 Resp: 1867
Ion Ratio Lower Upper
43 100
74 64.9 26.2 39.4#

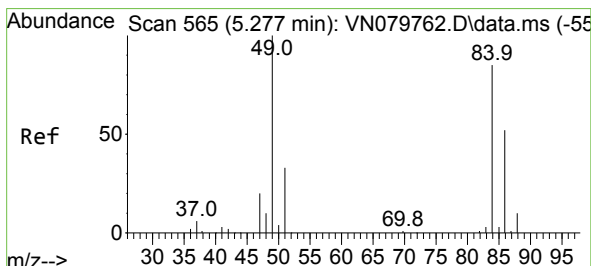
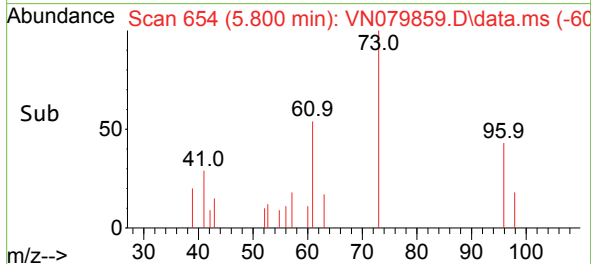
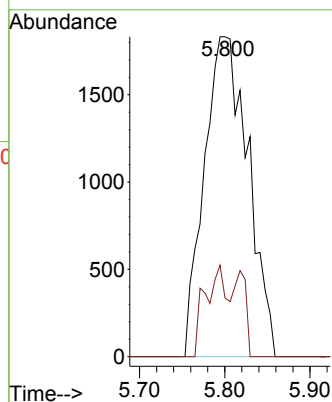
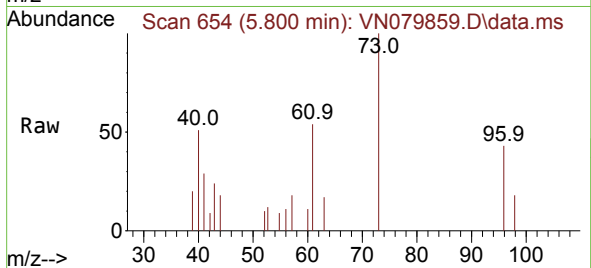




#19
Methyl tert-butyl Ether
Concen: 0.726 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

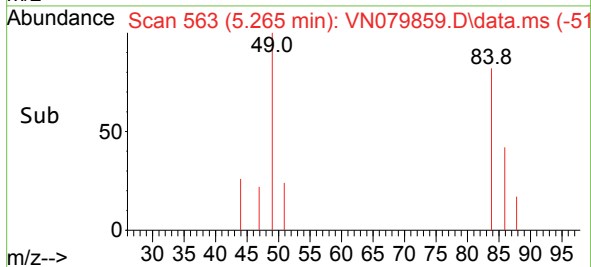
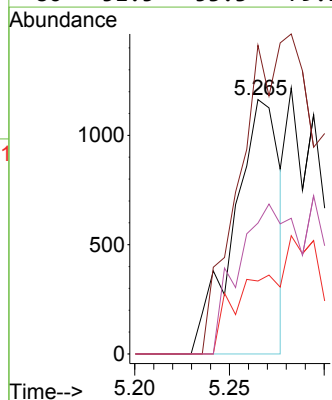
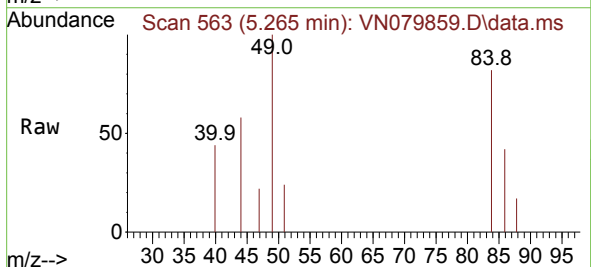
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

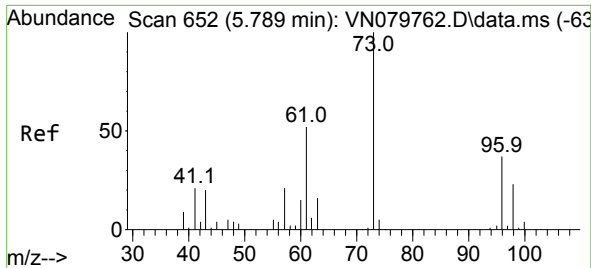
Tgt Ion: 73 Resp: 6551
Ion Ratio Lower Upper
73 100
57 18.3 15.6 23.4



#20
Methylene Chloride
Concen: 0.592 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 84 Resp: 1946
Ion Ratio Lower Upper
84 100
49 121.3 79.7 119.5#
51 28.7 25.2 37.8
86 51.5 53.3 79.9#

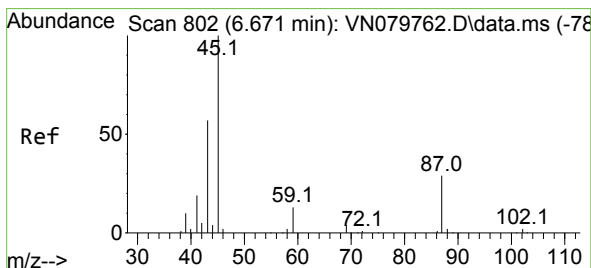
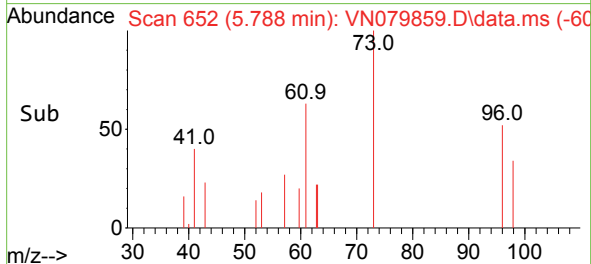
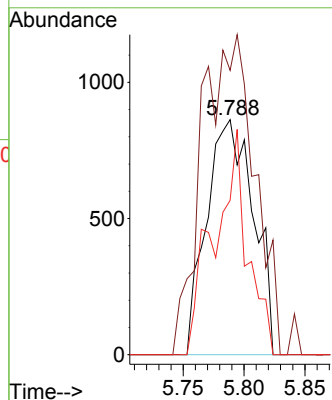
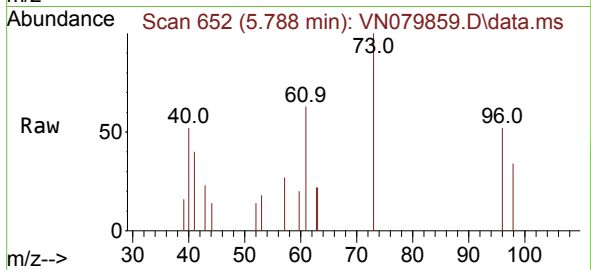




#21
trans-1,2-Dichloroethene
Concen: 0.791 ug/l
RT: 5.788 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

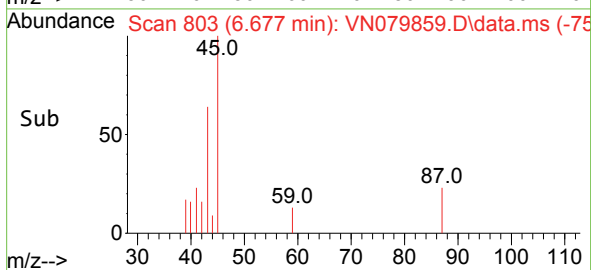
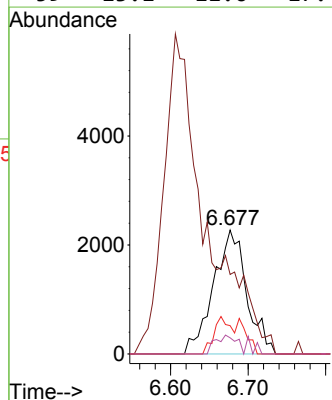
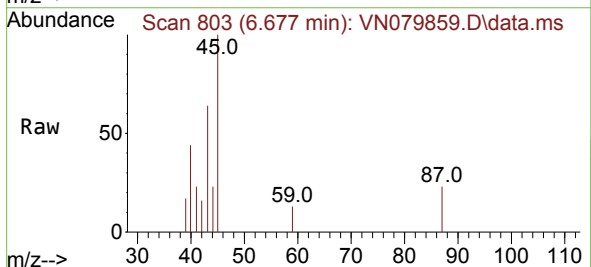
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

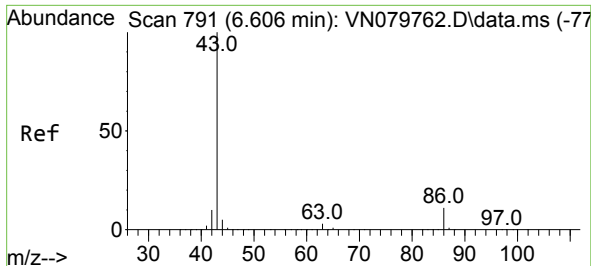
Tgt Ion: 96 Resp: 2314
Ion Ratio Lower Upper
96 100
61 121.0 90.1 135.1
98 65.7 46.4 69.6



#22
Diisopropyl ether
Concen: 0.730 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 45 Resp: 6796
Ion Ratio Lower Upper
45 100
43 64.2 45.5 68.3
87 22.9 31.8 47.8#
59 13.1 11.6 17.4

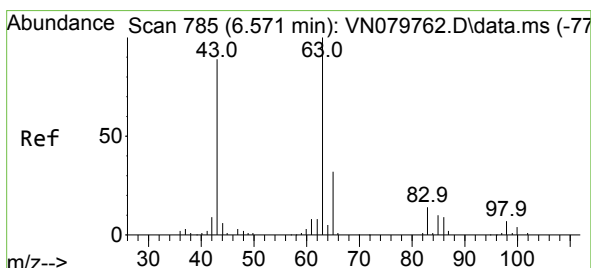
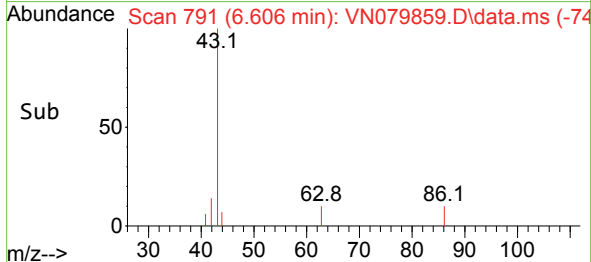
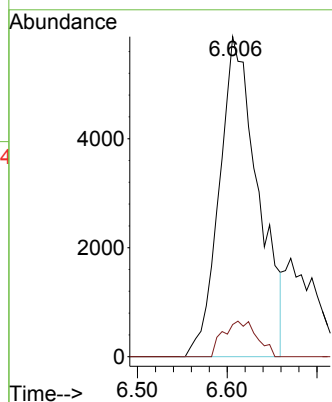
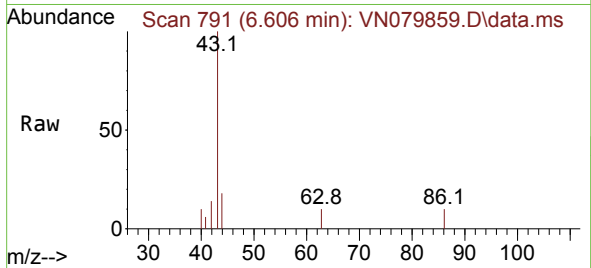




#23
 Vinyl Acetate
 Concen: 3.421 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

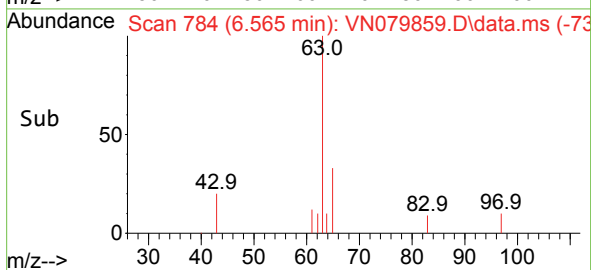
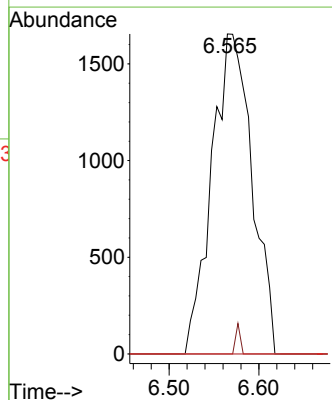
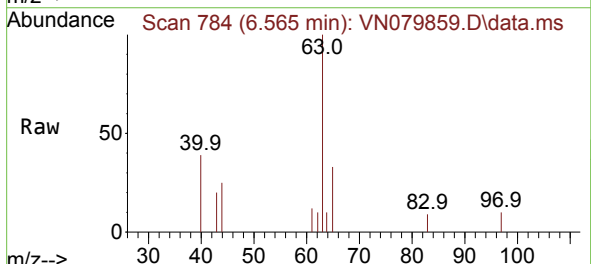
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023

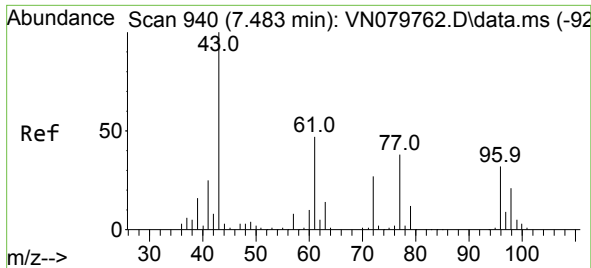
Tgt Ion: 43 Resp: 17561
 Ion Ratio Lower Upper
 43 100
 86 10.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.913 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

Tgt Ion: 63 Resp: 5163
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#

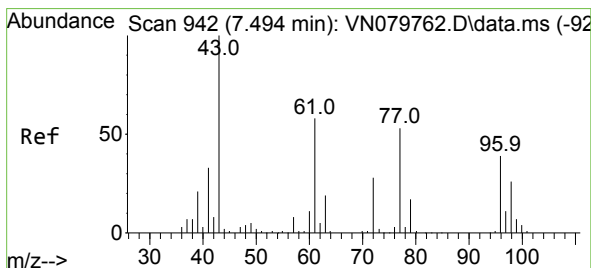
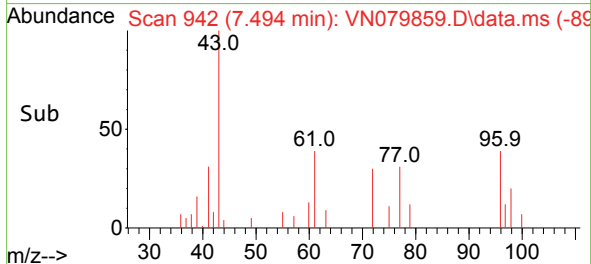
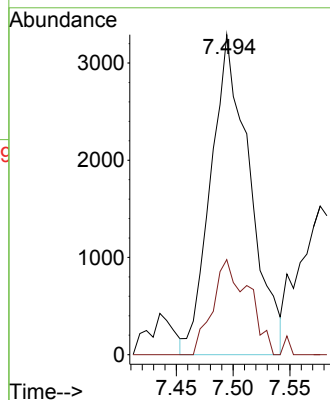
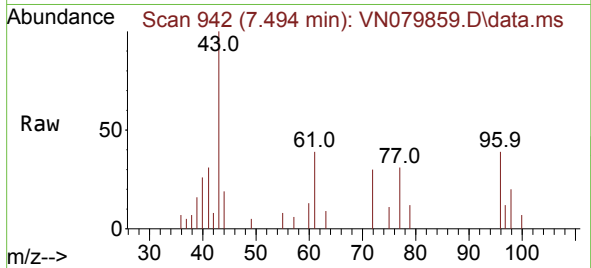




#25
2-Butanone
Concen: 4.103 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

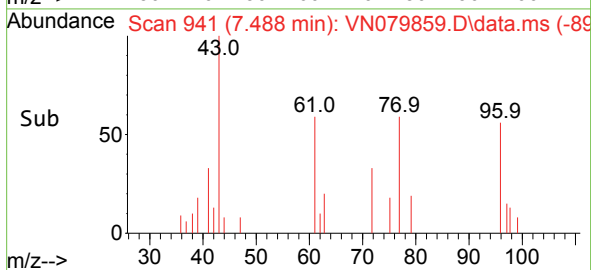
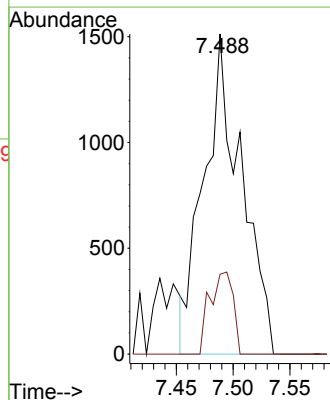
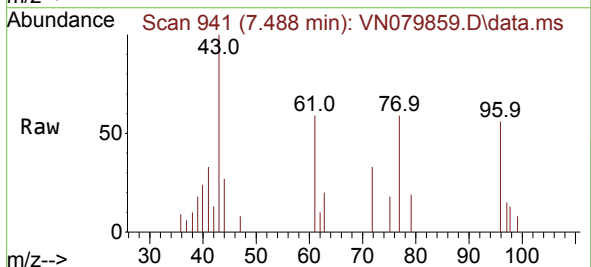
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

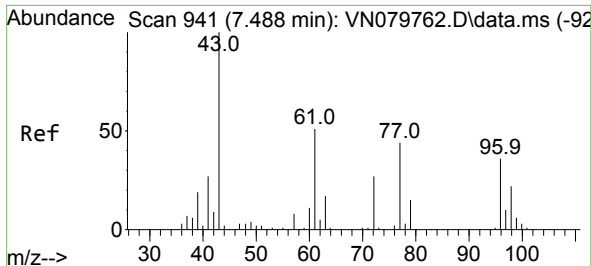
Tgt Ion: 43 Resp: 7833
Ion Ratio Lower Upper
43 100
72 31.2 30.2 45.2



#26
2,2-Dichloropropane
Concen: 0.738 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 77 Resp: 3451
Ion Ratio Lower Upper
77 100
97 16.1 11.2 33.6

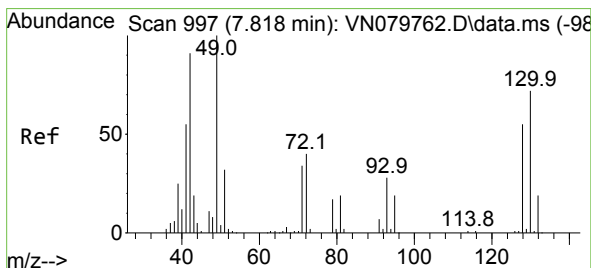
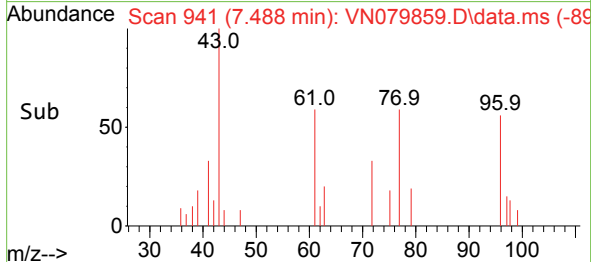
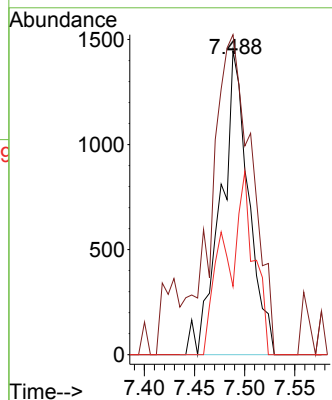
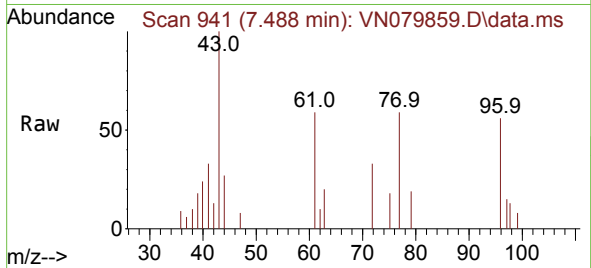




#27
 cis-1,2-Dichloroethene
 Concen: 0.800 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

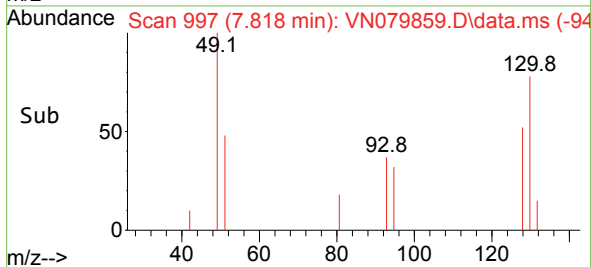
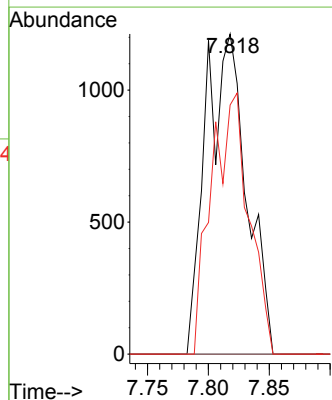
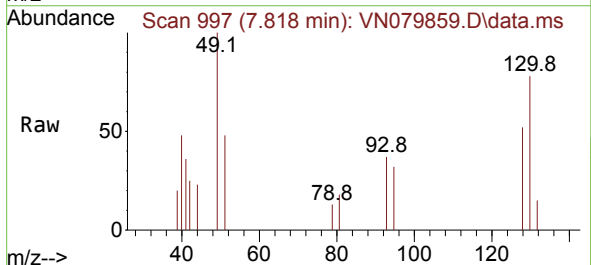
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023

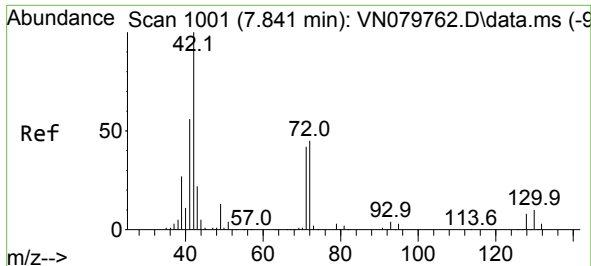
Tgt Ion: 96 Resp: 2800
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 255.2
 98 25.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 1.025 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

Tgt Ion: 49 Resp: 2826
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 75.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 3.718 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.018 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

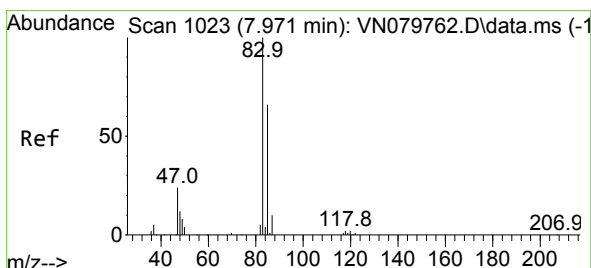
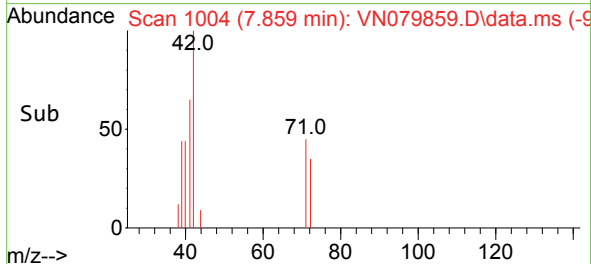
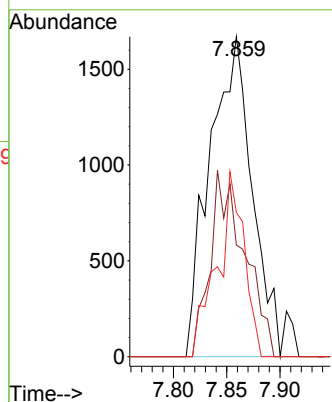
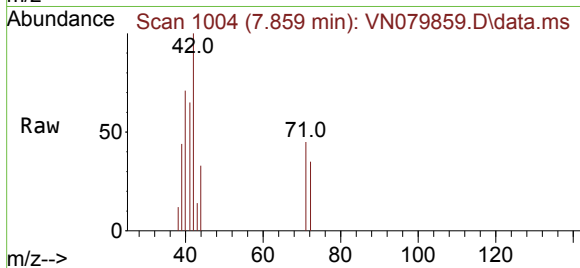
Tgt Ion: 42 Resp: 4618

Ion Ratio Lower Upper

42 100

72 47.0 49.8 74.6#

71 36.7 47.4 71.2#



#30

Chloroform

Concen: 0.996 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079859.D

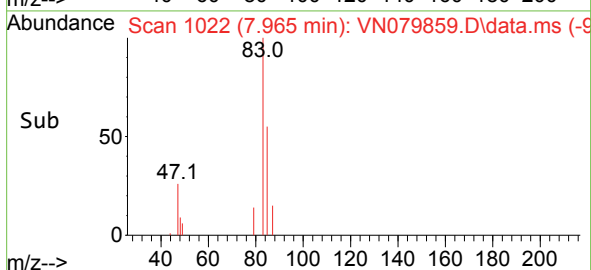
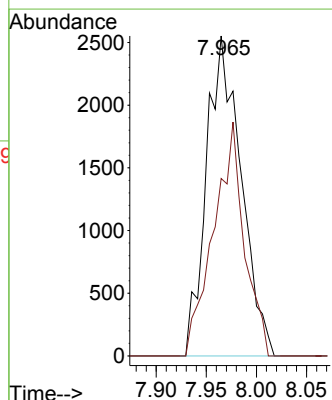
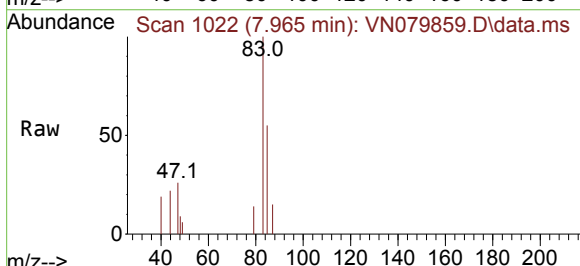
Acq: 03 Nov 2023 19:14

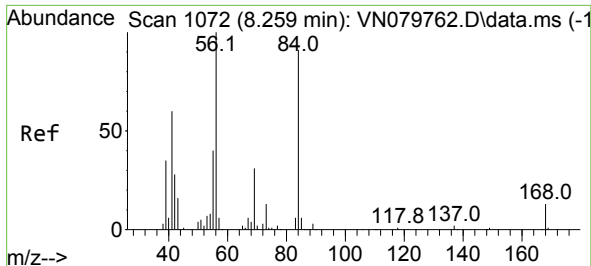
Tgt Ion: 83 Resp: 6122

Ion Ratio Lower Upper

83 100

85 55.4 55.4 83.0

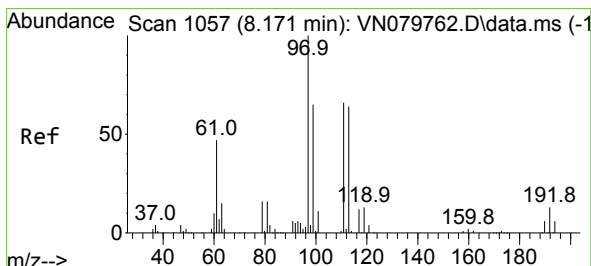
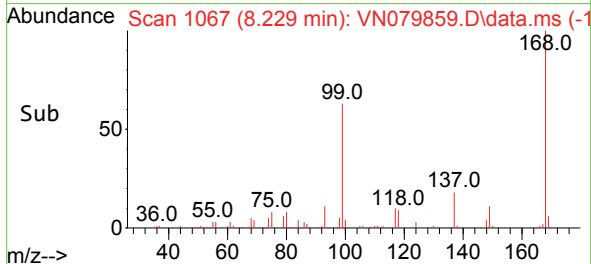
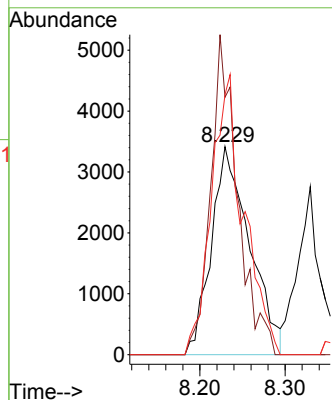
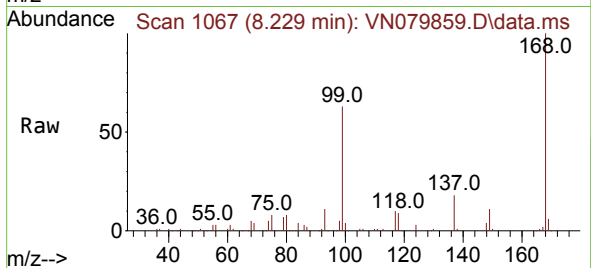




#31
Cyclohexane
Concen: 2.177 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

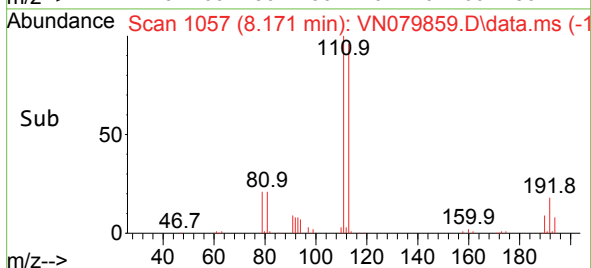
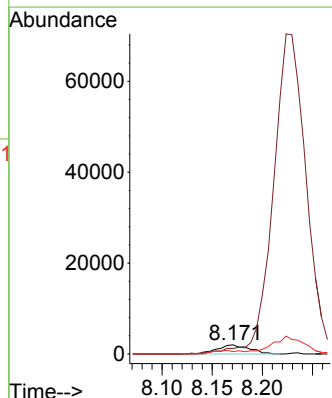
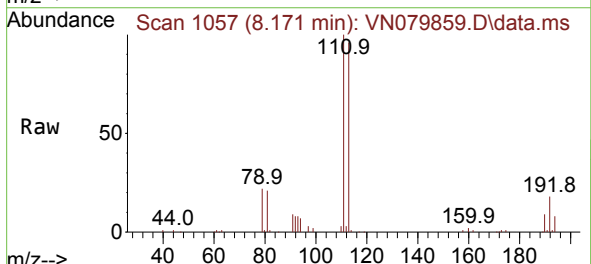
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

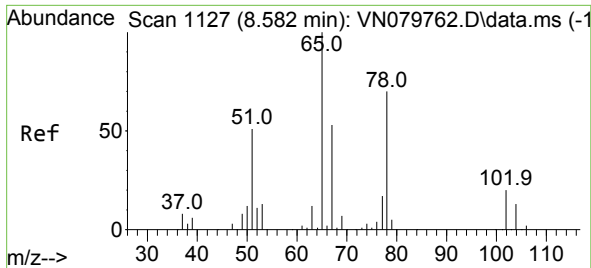
Tgt Ion: 56 Resp: 10679
Ion Ratio Lower Upper
56 100
69 123.7 26.8 40.2#
84 125.0 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 0.899 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 97 Resp: 4501
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 33.4 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 64.735 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

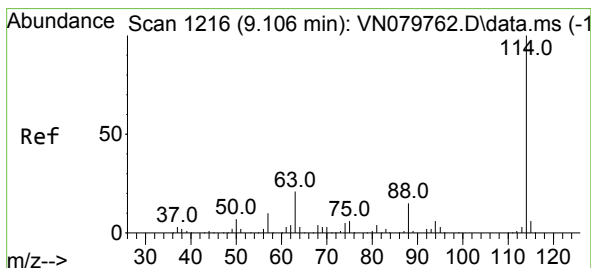
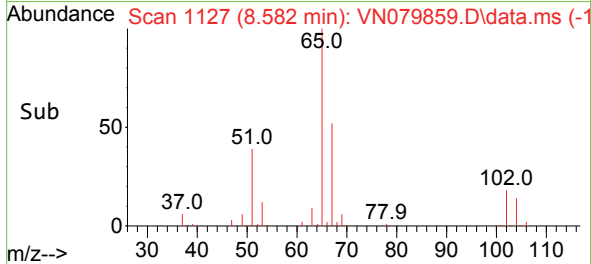
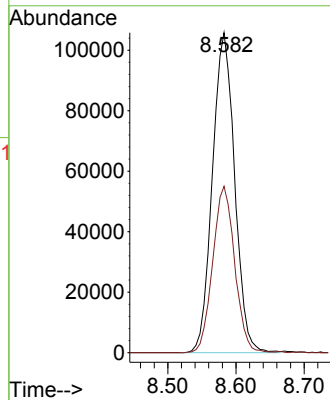
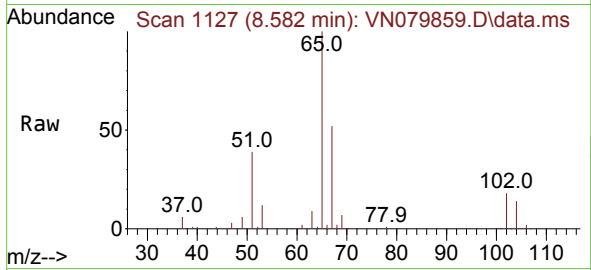
MDL-WATER-03-QT4-2023

Tgt Ion: 65 Resp: 240259

Ion Ratio Lower Upper

65 100

67 51.3 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: VN079859.D

Acq: 03 Nov 2023 19:14

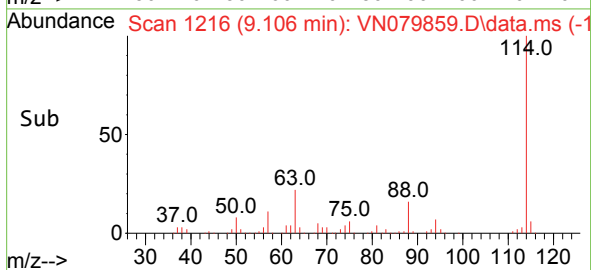
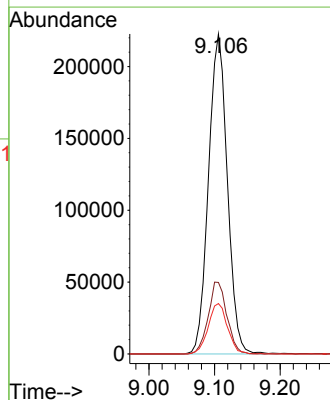
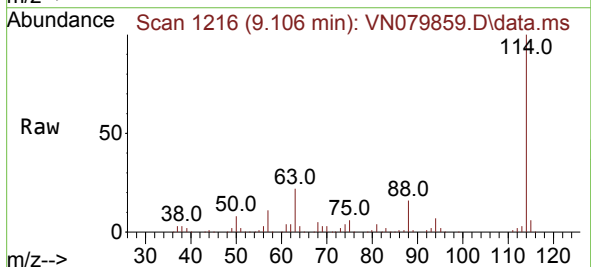
Tgt Ion: 114 Resp: 444624

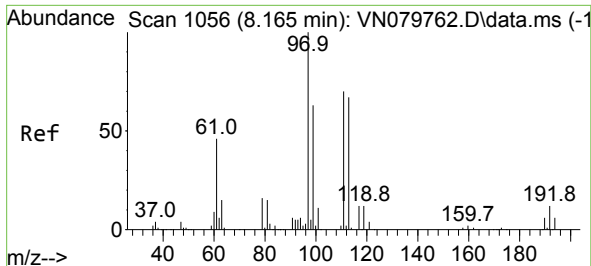
Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 15.8 0.0 30.6

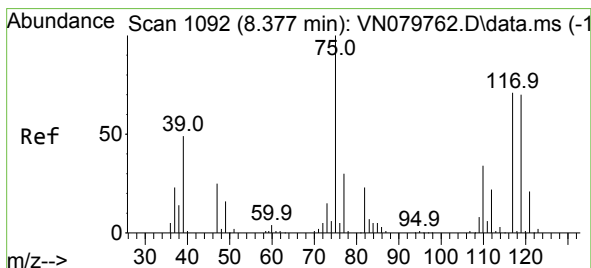
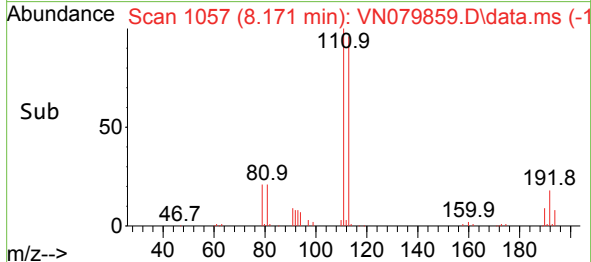
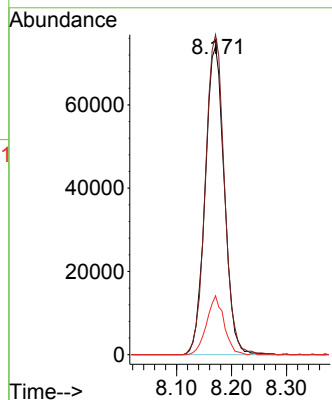
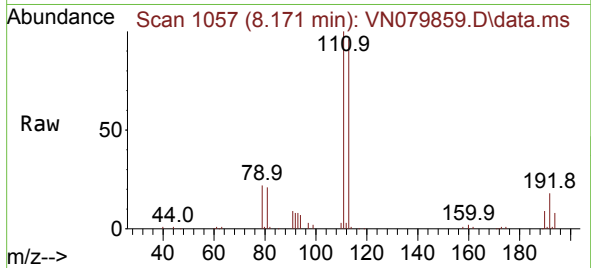




#35
Dibromofluoromethane
Concen: 56.972 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

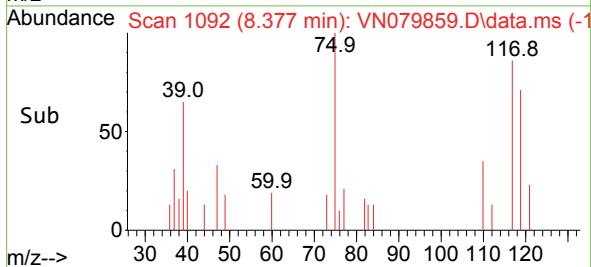
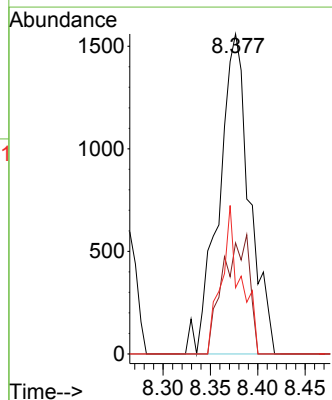
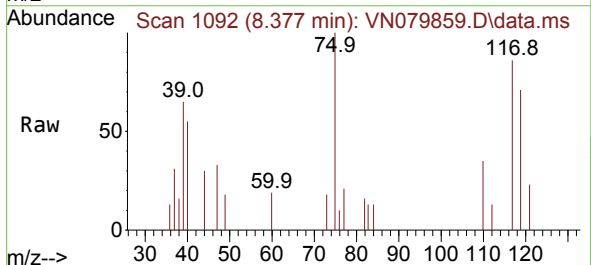
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

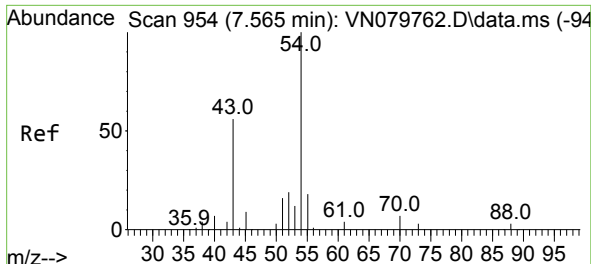
Tgt Ion:113 Resp: 179284
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 17.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 0.783 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 75 Resp: 3520
Ion Ratio Lower Upper
75 100
110 31.9 19.1 57.3
77 29.4 25.0 37.4





#37

Ethyl Acetate

Concen: 0.893 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

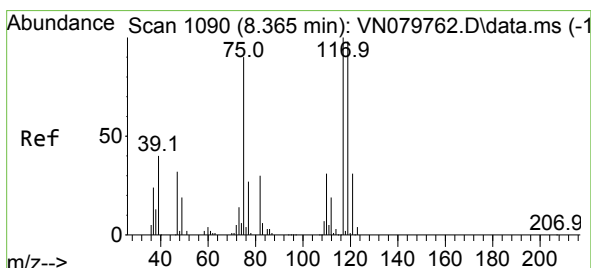
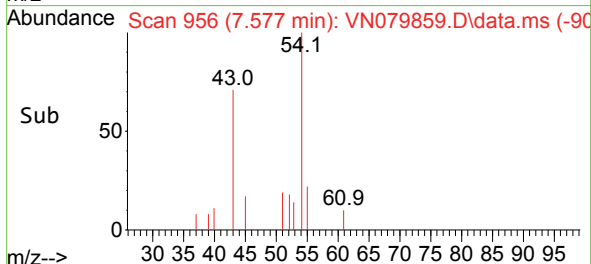
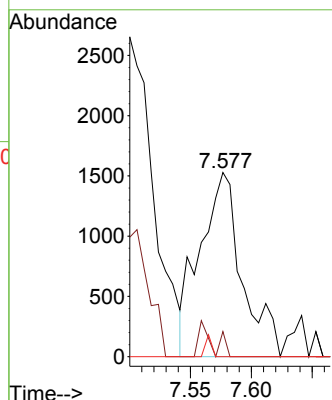
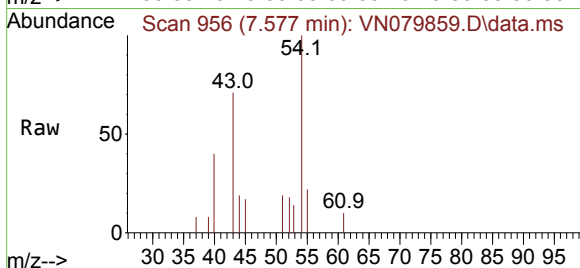
Tgt Ion: 43 Resp: 3681

Ion Ratio Lower Upper

43 100

61 4.3 13.2 19.8#

70 1.7 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 0.852 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

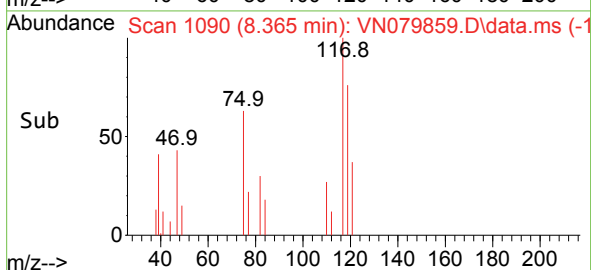
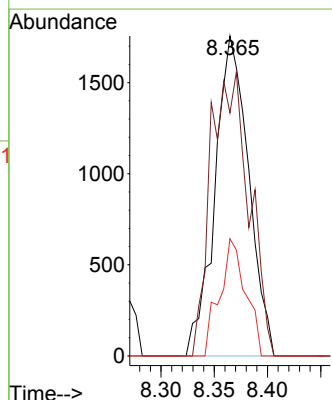
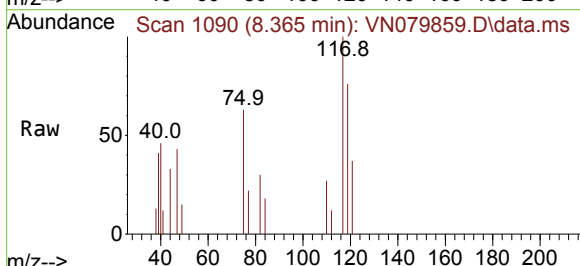
Tgt Ion: 117 Resp: 3858

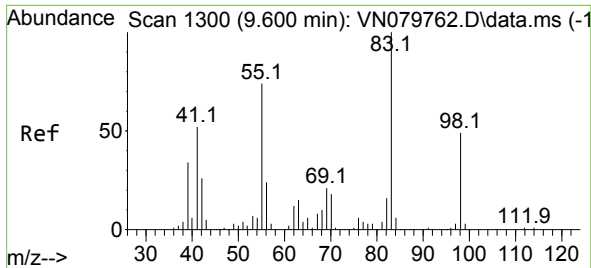
Ion Ratio Lower Upper

117 100

119 76.0 77.3 115.9#

121 36.6 23.3 34.9#

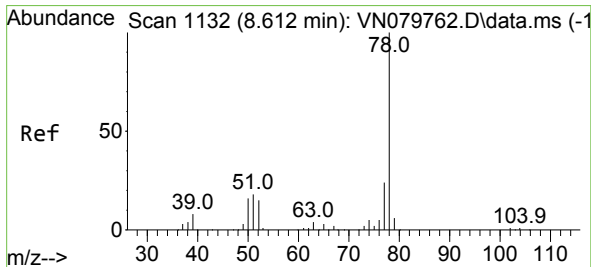
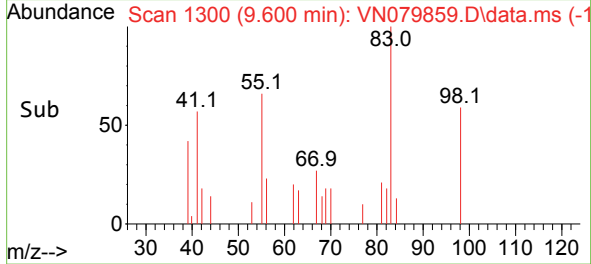
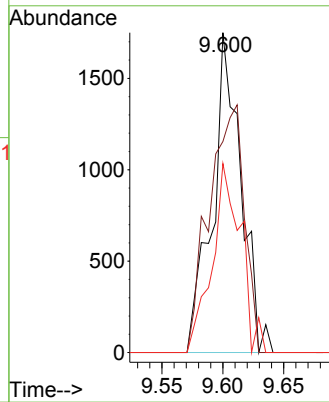
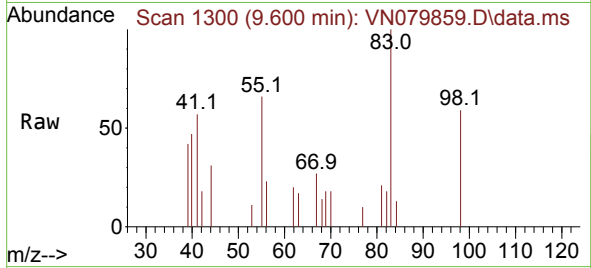




#39
Methylcyclohexane
Concen: 0.671 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

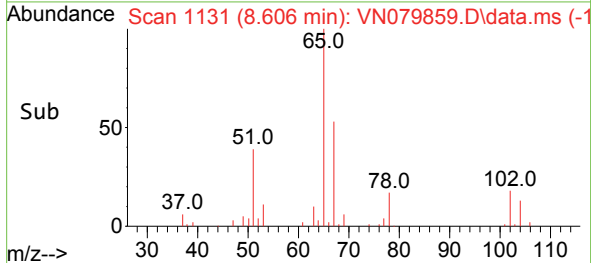
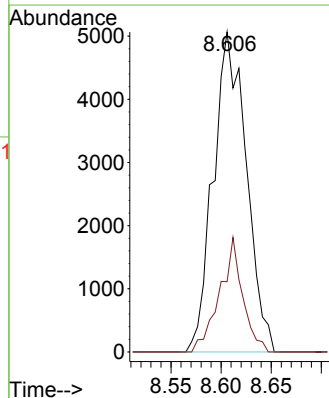
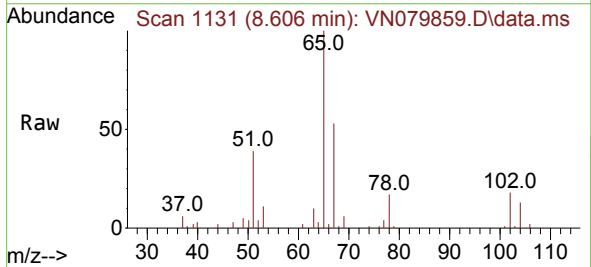
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

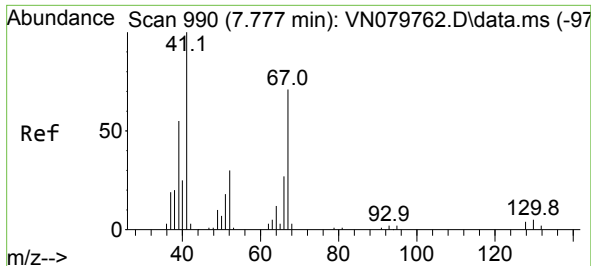
Tgt Ion: 83	Resp:	2837
Ion Ratio	Lower	Upper
83	100	
55	66.0	49.1 73.7
98	59.1	40.6 61.0



#40
Benzene
Concen: 0.861 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 78	Resp:	11582
Ion Ratio	Lower	Upper
78	100	
77	22.0	19.0 28.6

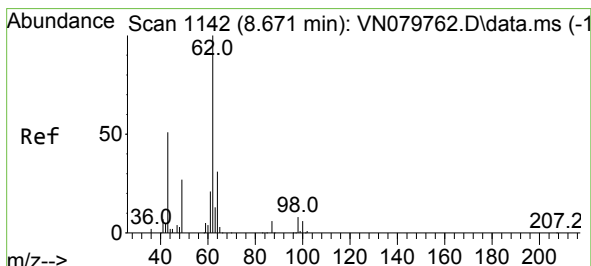
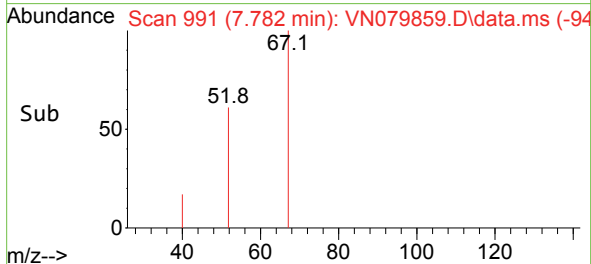
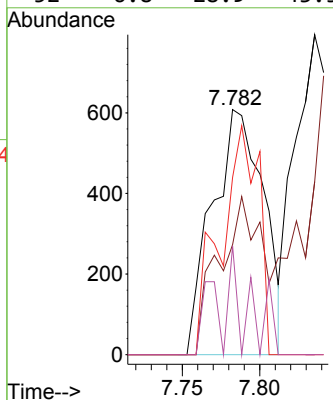
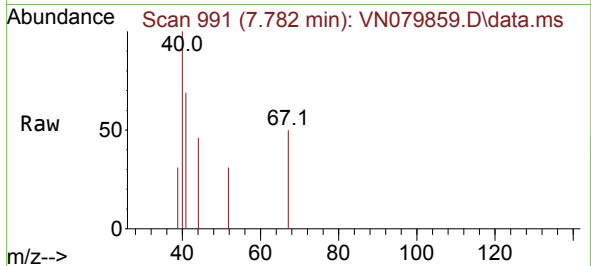




#41
Methacrylonitrile
Concen: 0.638 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

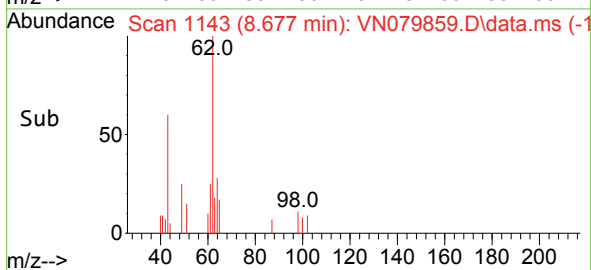
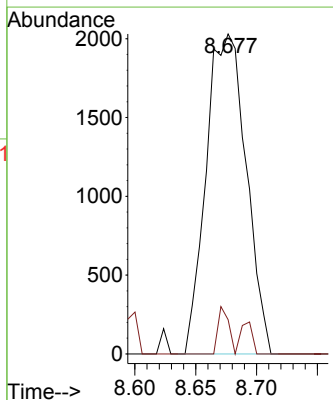
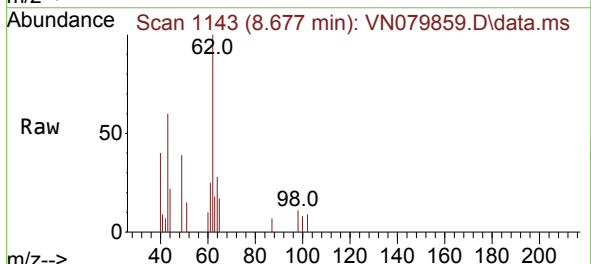
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

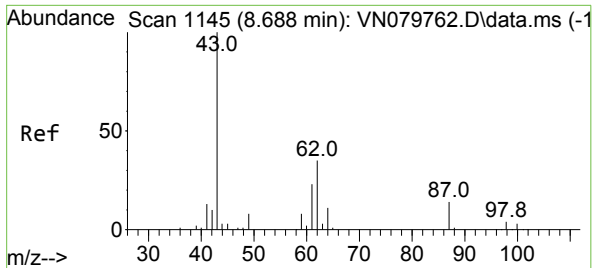
Tgt Ion:	41	Resp:	1397
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.6	64.0
67	69.1	77.5	116.3#
52	6.8	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 0.986 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:	62	Resp:	4633
Ion	Ratio	Lower	Upper
62	100		
98	3.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 0.729 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

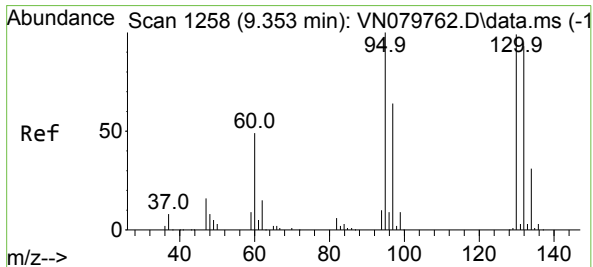
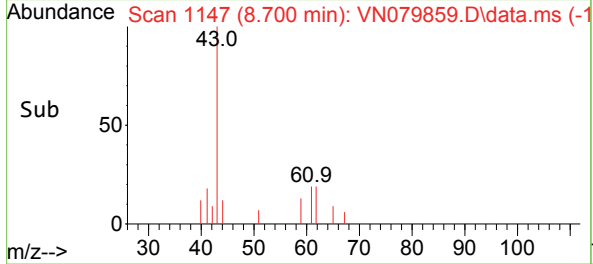
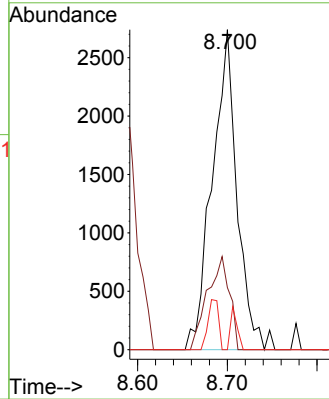
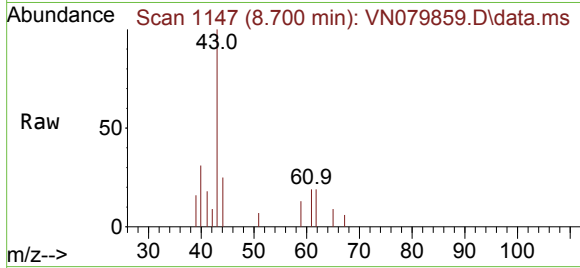
Tgt Ion: 43 Resp: 5266

Ion Ratio Lower Upper

43 100

61 25.8 24.7 37.1

87 3.6 14.6 21.8#



#44

Trichloroethene

Concen: 0.833 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN079859.D

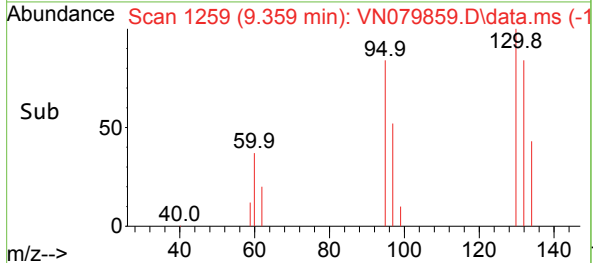
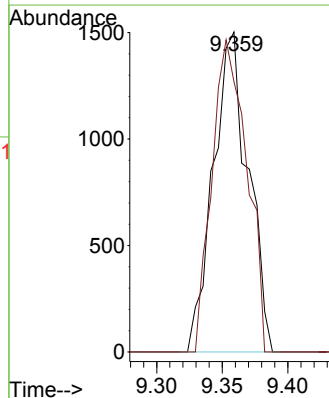
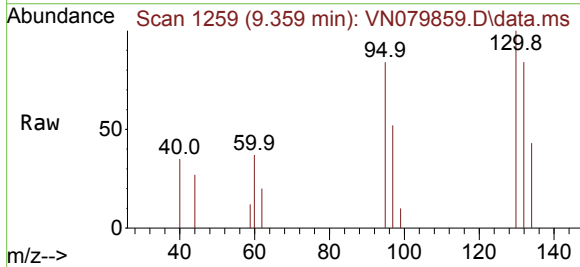
Acq: 03 Nov 2023 19:14

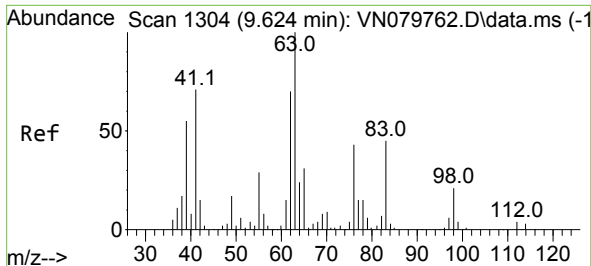
Tgt Ion:130 Resp: 2782

Ion Ratio Lower Upper

130 100

95 84.4 0.0 204.6

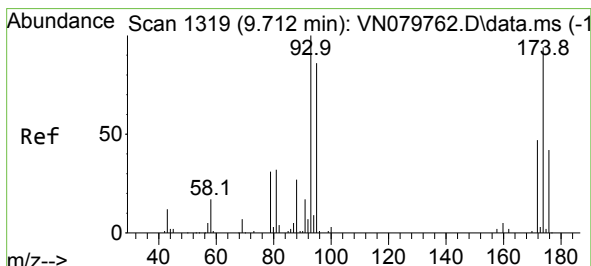
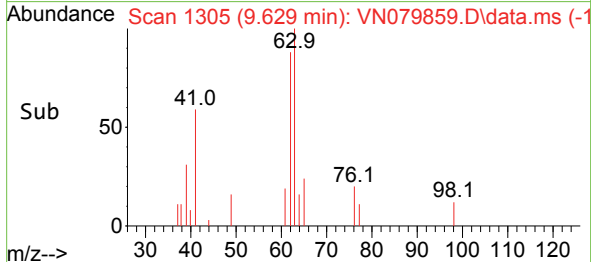
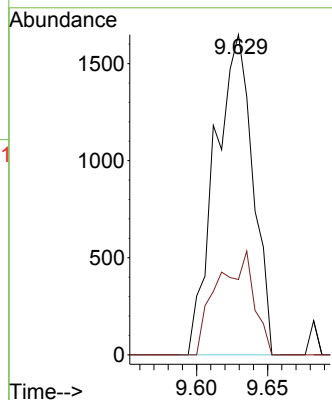
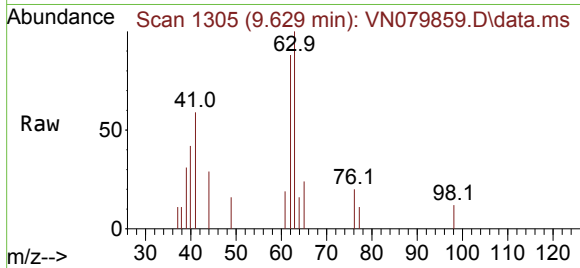




#45
1,2-Dichloropropane
Concen: 0.891 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

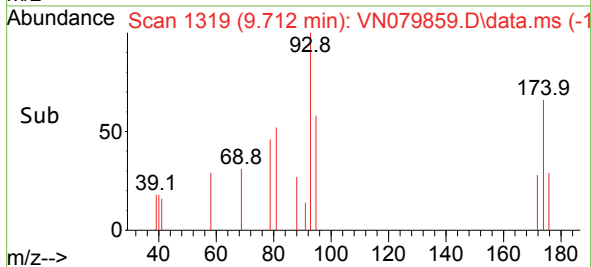
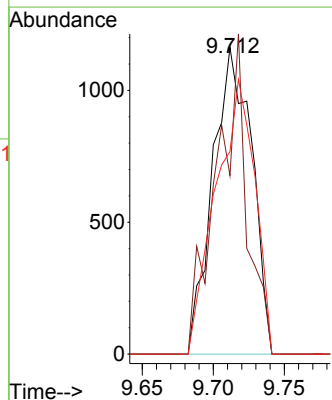
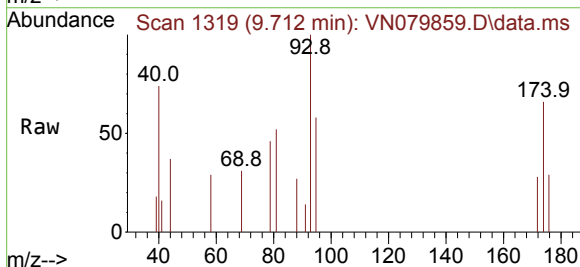
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

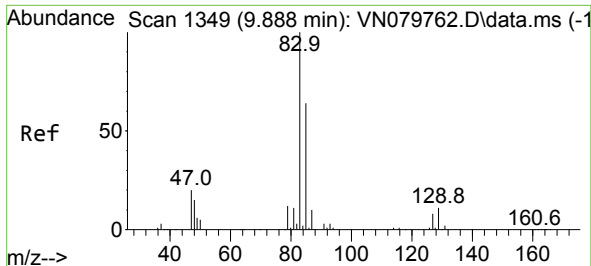
Tgt Ion: 63 Resp: 3066
Ion Ratio Lower Upper
63 100
65 23.5 23.9 35.9#



#46
Dibromomethane
Concen: 0.946 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 93 Resp: 2222
Ion Ratio Lower Upper
93 100
95 80.5 63.8 95.8
174 89.4 65.6 98.4





#47

Bromodichloromethane

Concen: 0.907 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

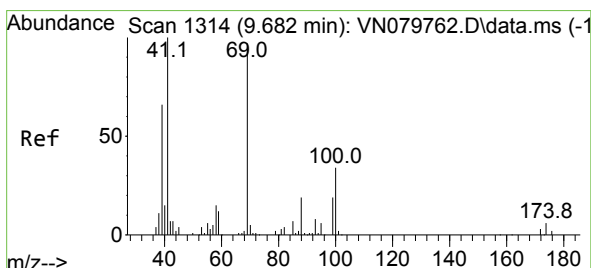
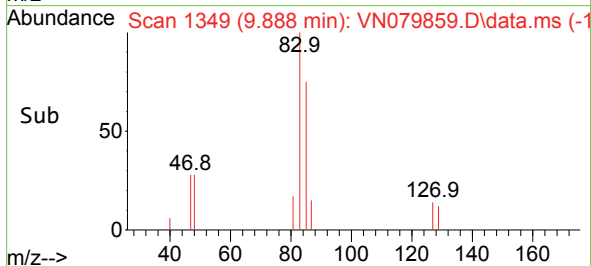
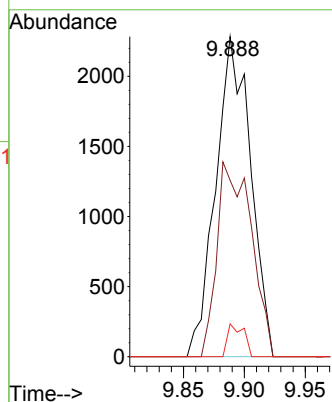
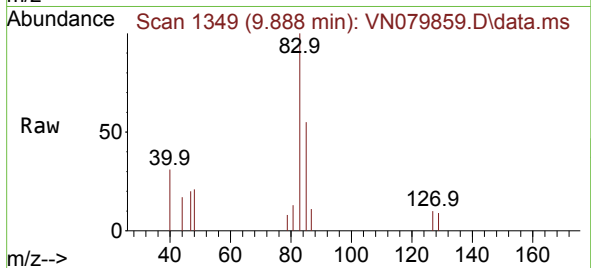
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 83	Resp: 4543
Ion Ratio	Lower Upper
83	100
85	55.1 49.6 74.4
127	10.3 7.0 10.6



#48

Methyl methacrylate

Concen: 0.777 ug/l

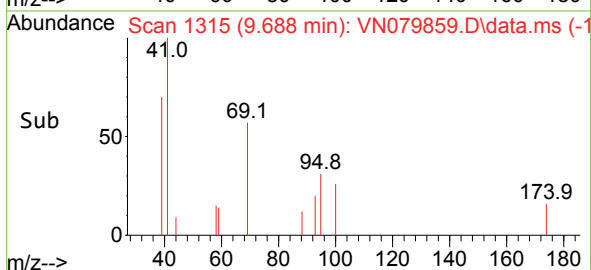
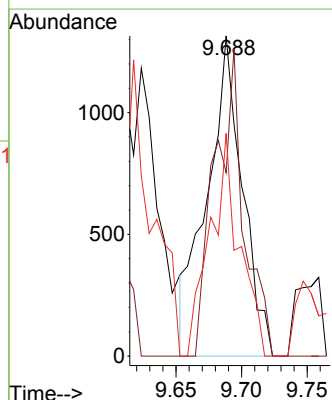
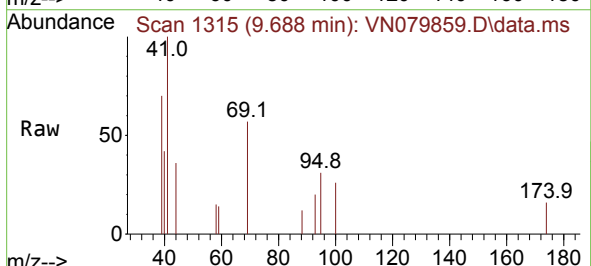
RT: 9.688 min Scan# 1315

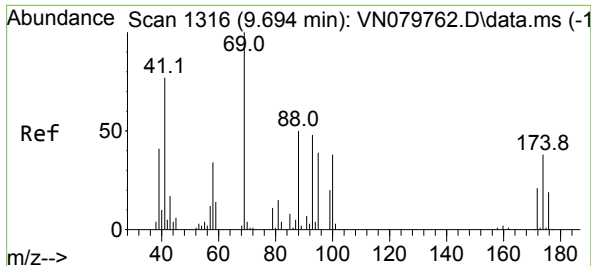
Delta R.T. 0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Tgt Ion: 41	Resp: 2461
Ion Ratio	Lower Upper
41	100
69	79.4 90.4 135.6#
39	57.7 54.6 81.8





#49

1,4-Dioxane

Concen: 10.602 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

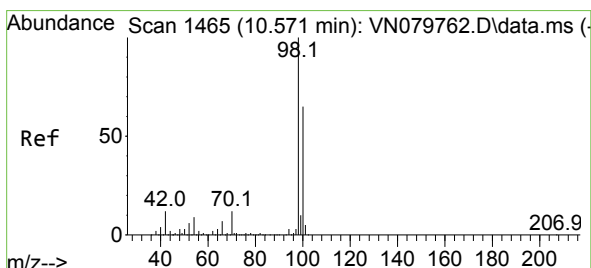
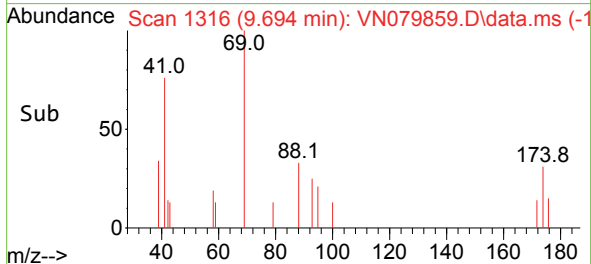
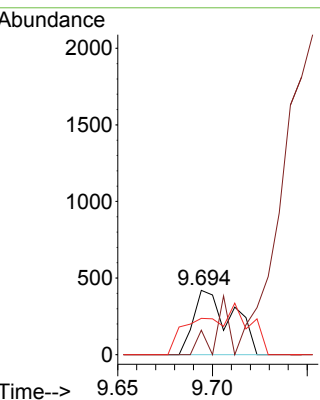
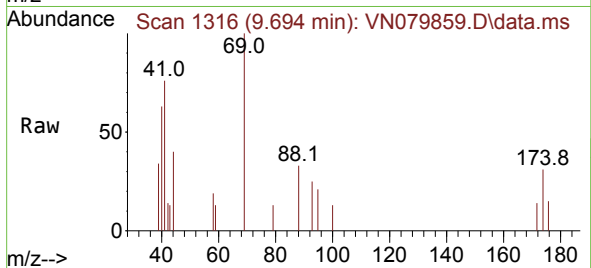
Tgt Ion: 88 Resp: 593

Ion Ratio Lower Upper

88 100

43 32.4 17.0 25.6#

58 105.6 47.0 70.4#



#50

Toluene-d8

Concen: 53.407 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079859.D

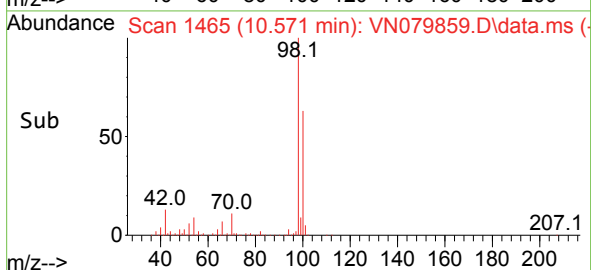
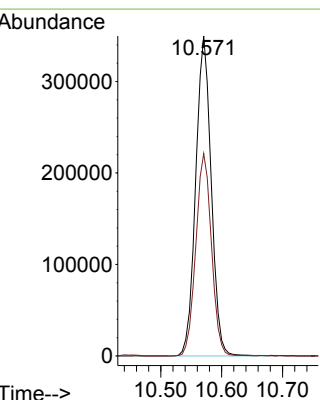
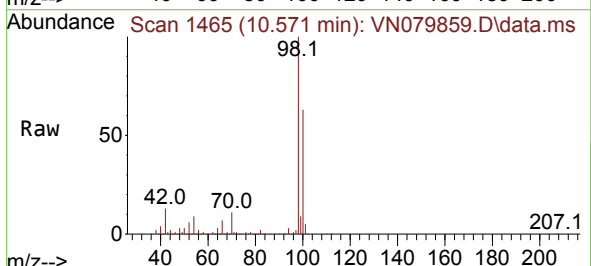
Acq: 03 Nov 2023 19:14

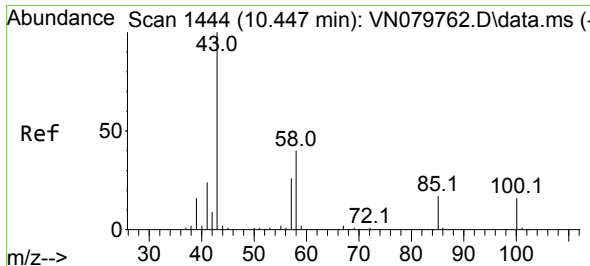
Tgt Ion: 98 Resp: 618712

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

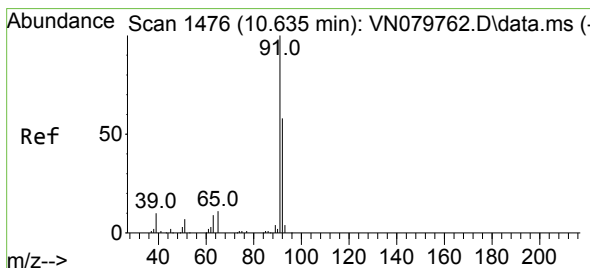
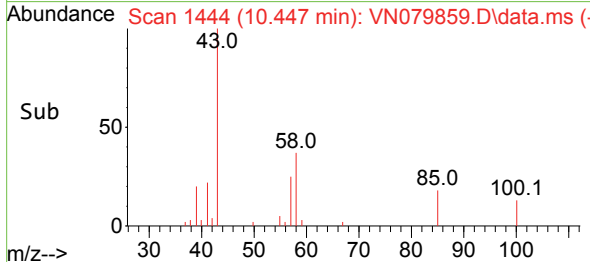
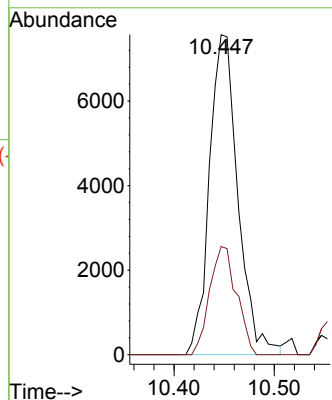
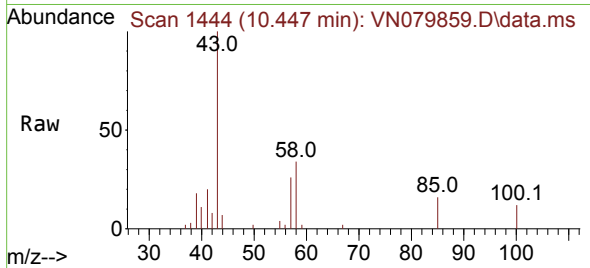




#51
4-Methyl-2-Pentanone
Concen: 3.667 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

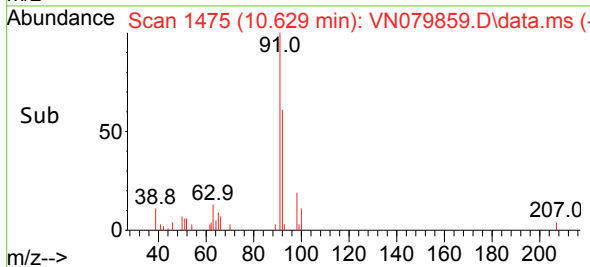
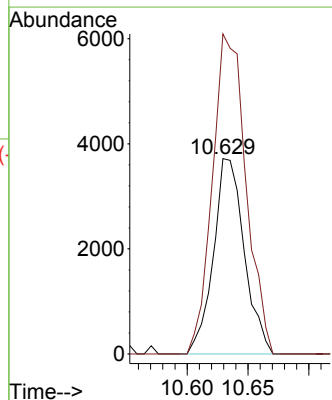
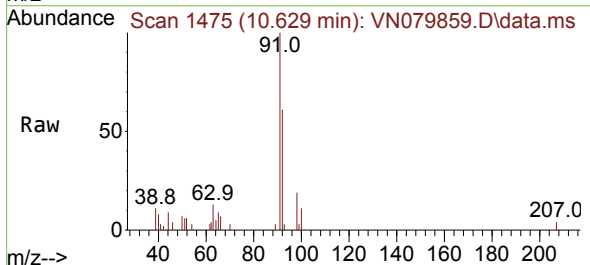
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2023

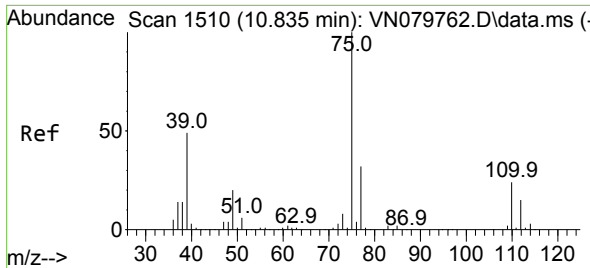
Tgt Ion: 43 Resp: 14918
Ion Ratio Lower Upper
43 100
58 31.9 36.6 54.8#



#52
Toluene
Concen: 0.821 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 92 Resp: 6550
Ion Ratio Lower Upper
92 100
91 178.3 137.4 206.0

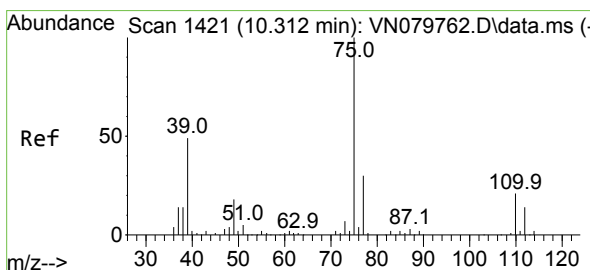
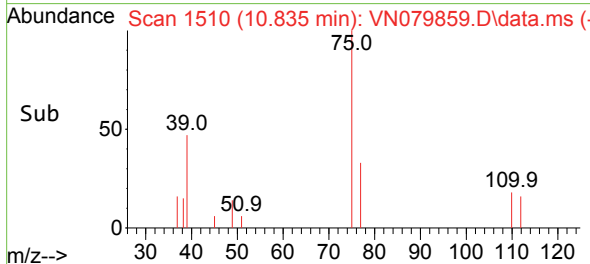
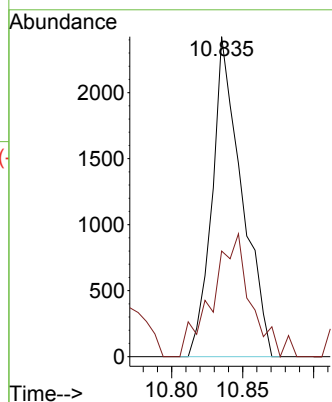
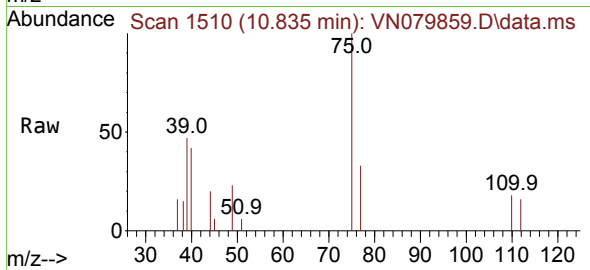




#53
 t-1,3-Dichloropropene
 Concen: 0.715 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

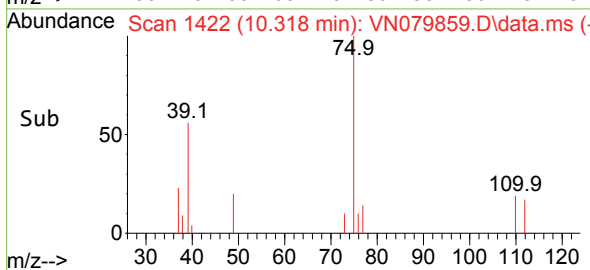
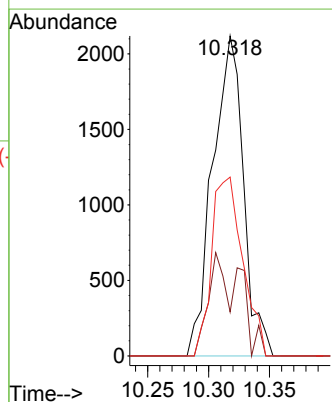
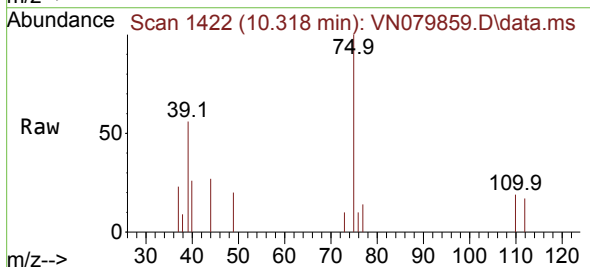
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT4-2023

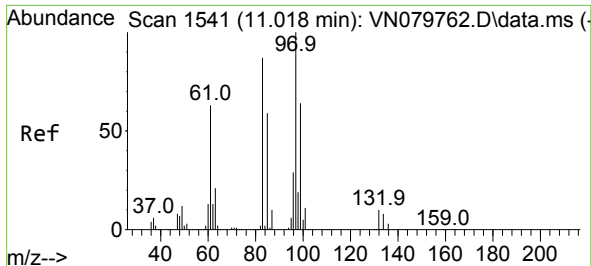
Tgt Ion: 75 Resp: 3509
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 0.696 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

Tgt Ion: 75 Resp: 3725
 Ion Ratio Lower Upper
 75 100
 77 13.7 26.1 39.1#
 39 55.9 31.6 47.4#

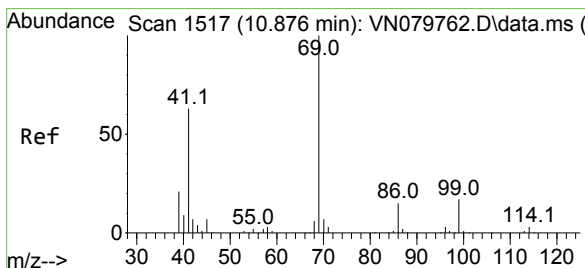
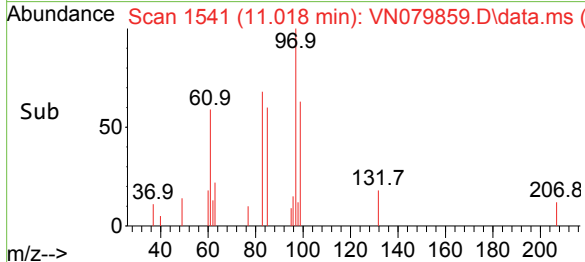
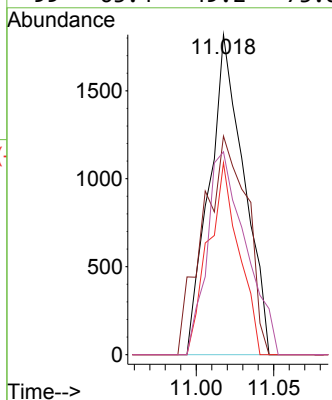
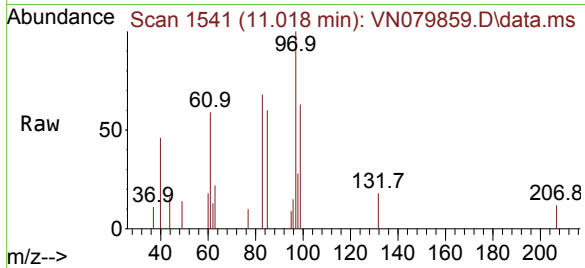




#55
1,1,2-Trichloroethane
Concen: 0.880 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

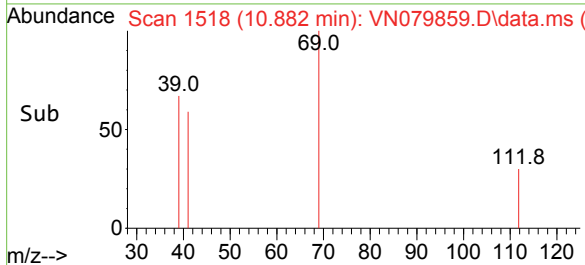
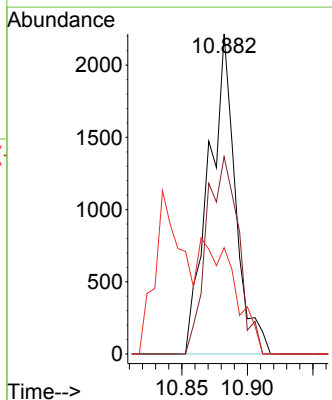
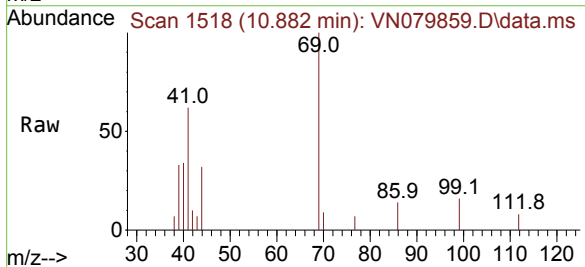
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

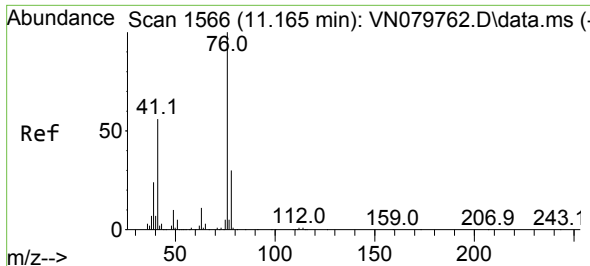
Tgt Ion:	97	Resp:	2824
Ion	Ratio	Lower	Upper
97	100		
83	68.3	65.1	97.7
85	59.9	43.4	65.2
99	63.4	49.2	73.8



#56
Ethyl methacrylate
Concen: 0.688 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:	69	Resp:	3147
Ion	Ratio	Lower	Upper
69	100		
41	73.6	39.6	59.4#
39	47.7	28.6	43.0#

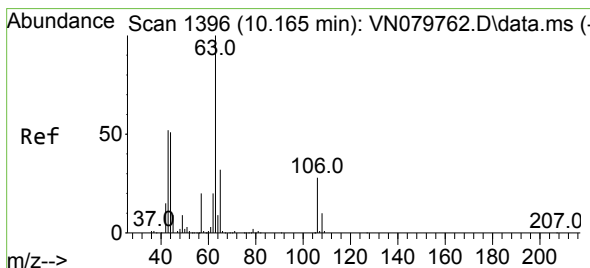
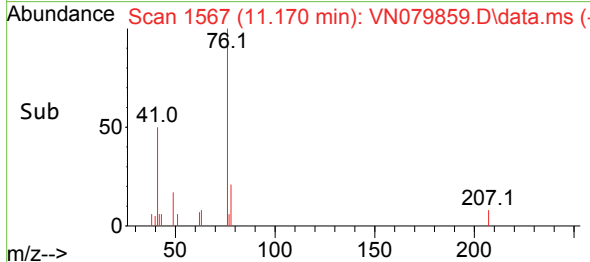
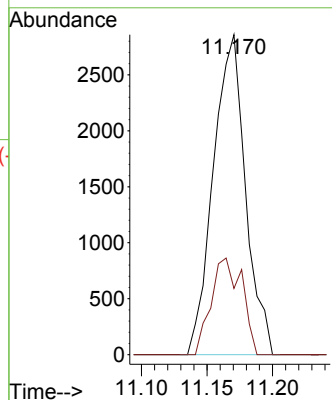
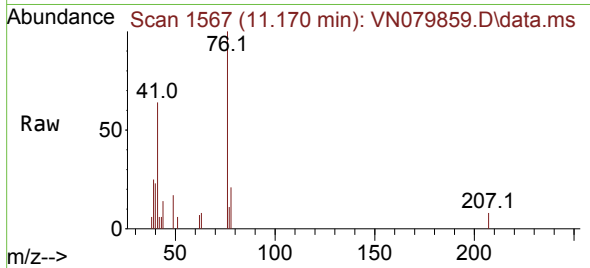




#57
1,3-Dichloropropane
Concen: 0.862 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

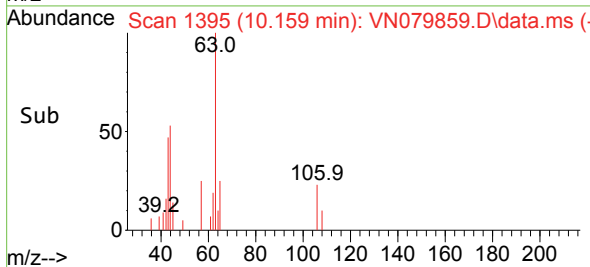
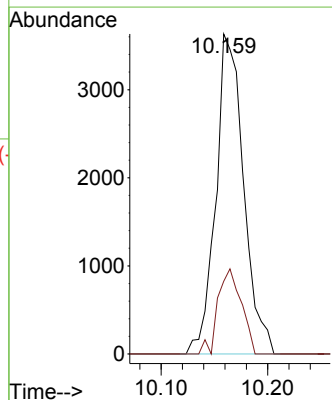
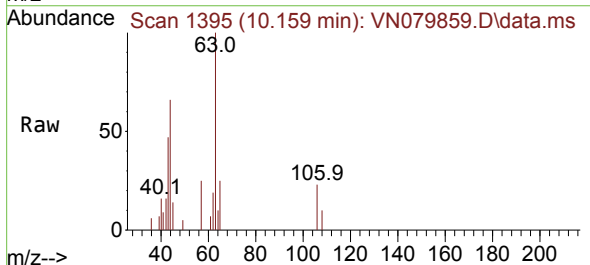
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

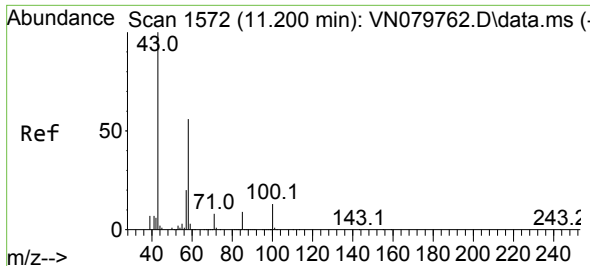
Tgt Ion: 76 Resp: 4878
Ion Ratio Lower Upper
76 100
78 28.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 2.839 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 63 Resp: 6586
Ion Ratio Lower Upper
63 100
106 22.4 26.2 39.4#

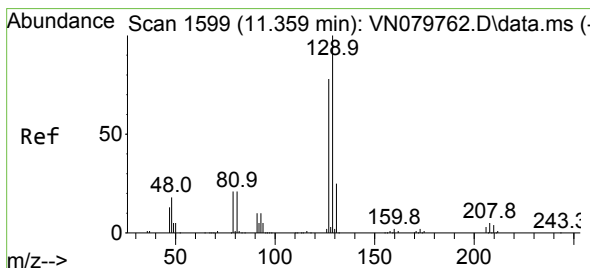
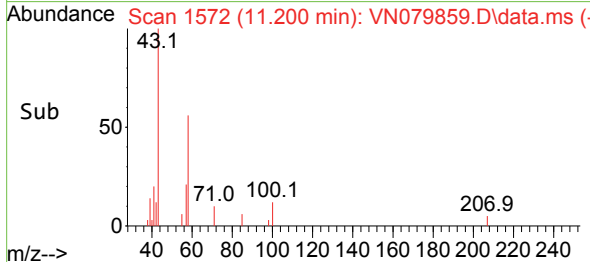
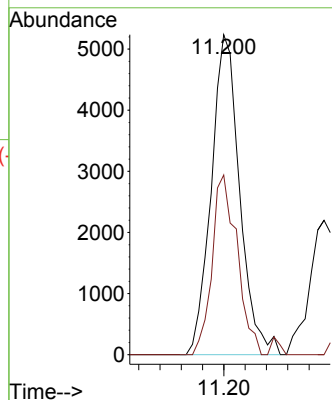
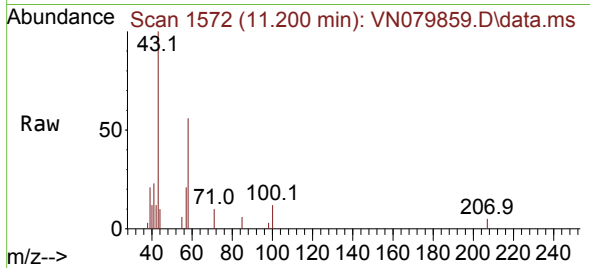




#59
2-Hexanone
Concen: 3.117 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

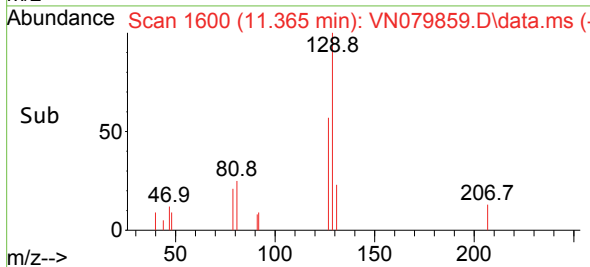
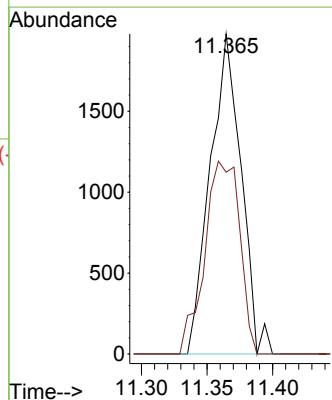
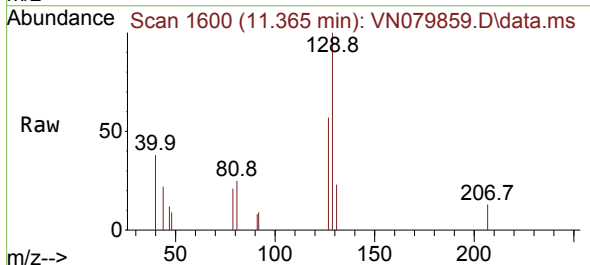
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

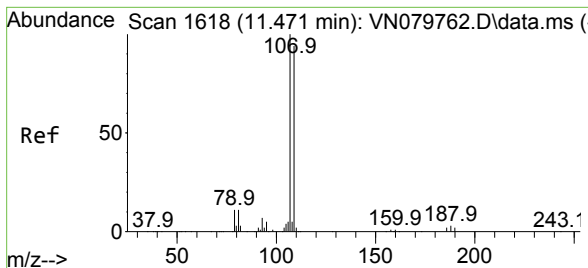
Tgt Ion: 43 Resp: 9702
Ion Ratio Lower Upper
43 100
58 49.5 31.7 95.1



#60
Dibromochloromethane
Concen: 0.946 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 129 Resp: 3248
Ion Ratio Lower Upper
129 100
127 68.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 0.829 ug/l

RT: 11.476 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

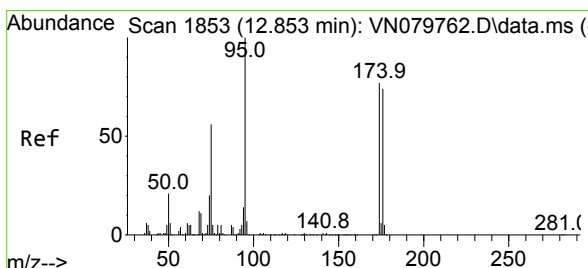
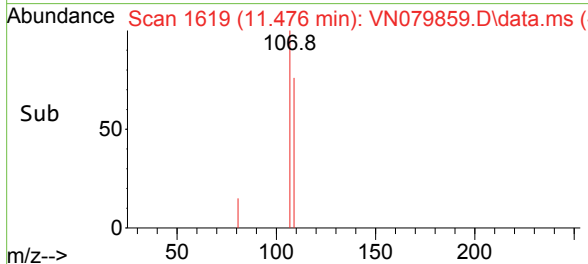
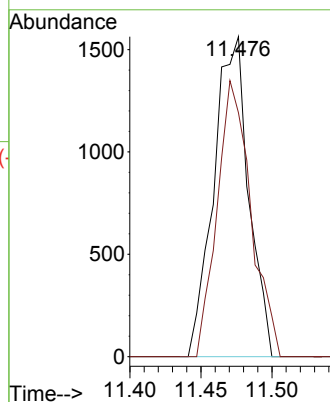
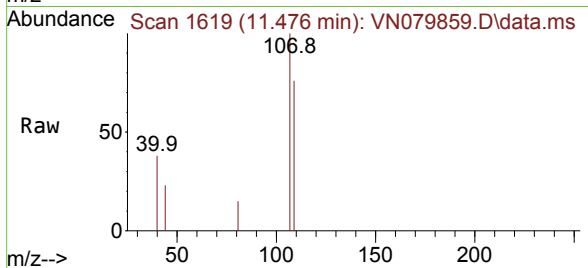
MDL-WATER-03-QT4-2023

Tgt Ion:107 Resp: 2671

Ion Ratio Lower Upper

107 100

109 83.3 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 46.829 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

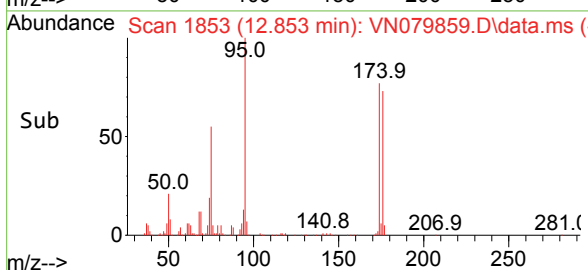
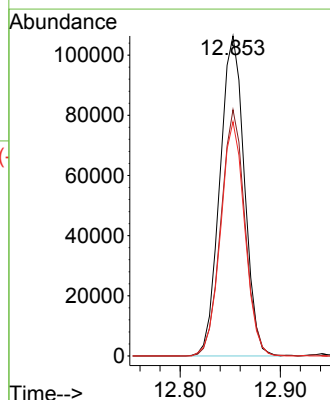
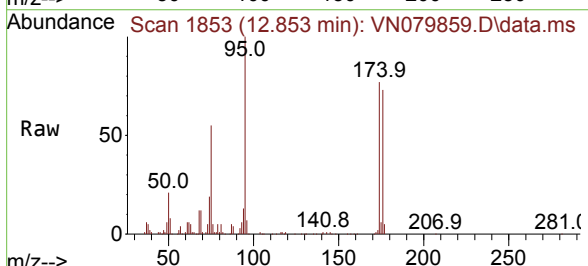
Tgt Ion: 95 Resp: 179920

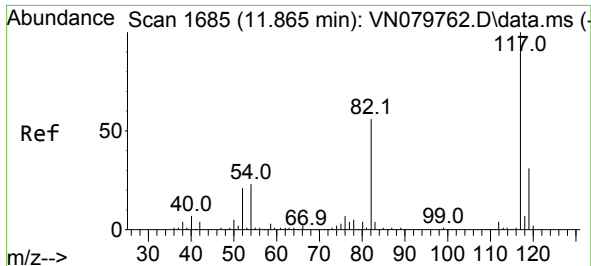
Ion Ratio Lower Upper

95 100

174 75.6 0.0 143.8

176 72.2 0.0 135.8

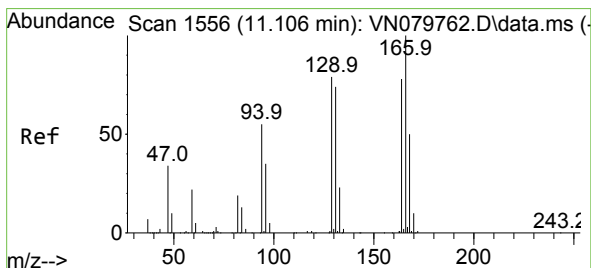
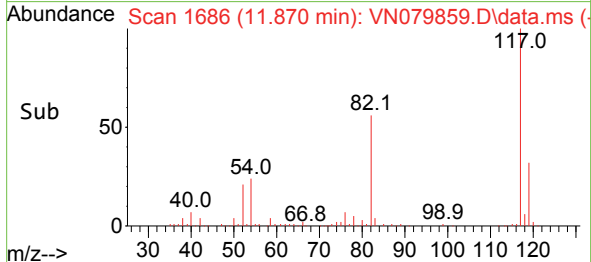
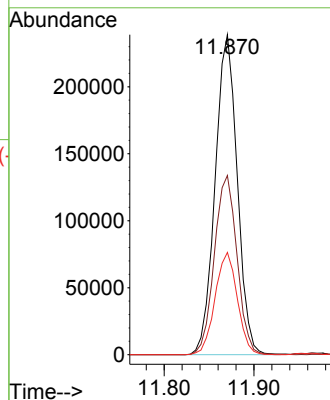
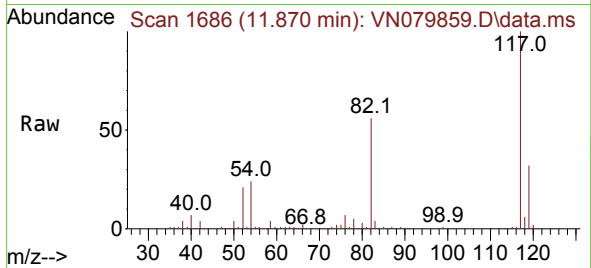




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

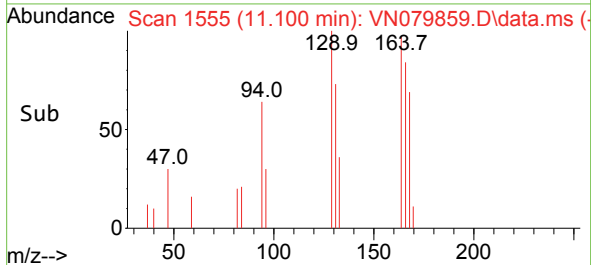
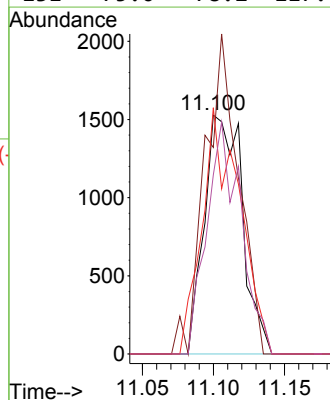
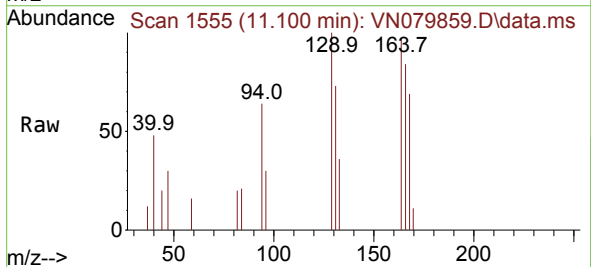
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

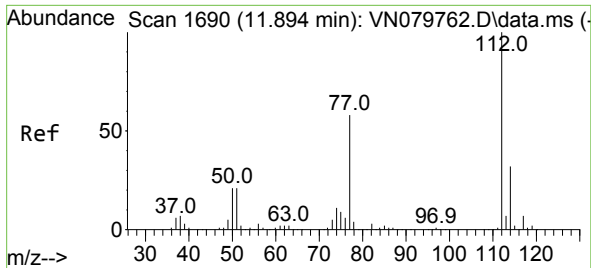
Tgt Ion:117 Resp: 408963
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 1.068 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:164 Resp: 2830
Ion Ratio Lower Upper
164 100
166 86.5 101.4 152.0#
129 103.1 82.4 123.6
131 75.0 78.2 117.4#

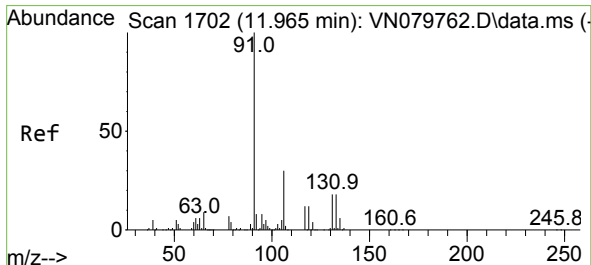
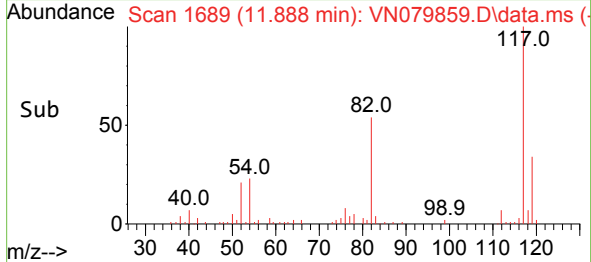
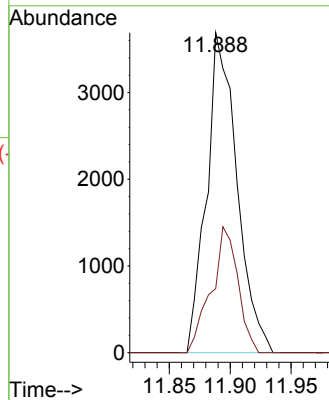
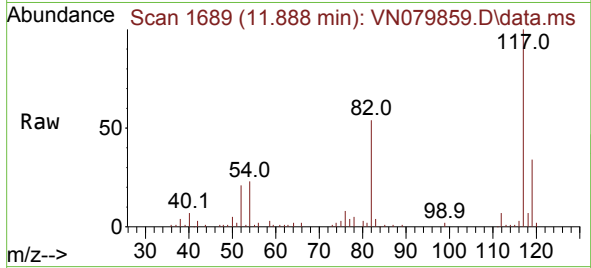




#65
Chlorobenzene
Concen: 0.720 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

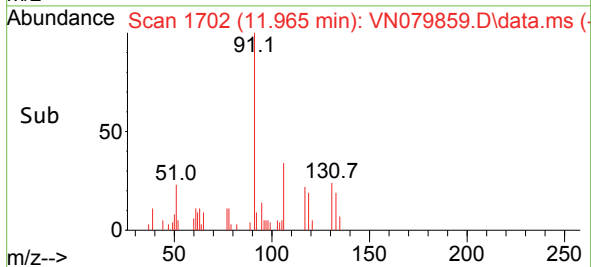
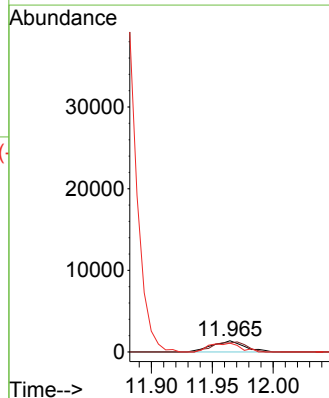
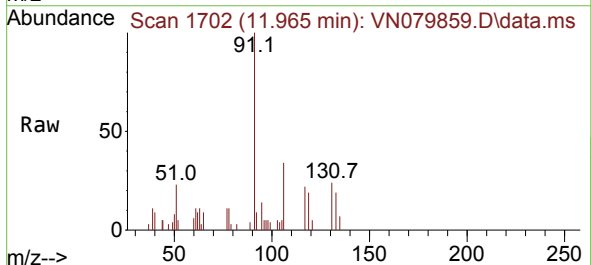
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

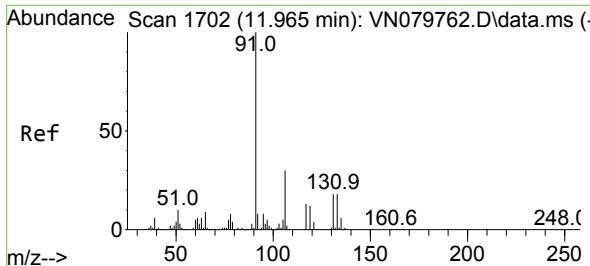
Tgt Ion:112 Resp: 6388
Ion Ratio Lower Upper
112 100
114 20.0 25.0 37.4#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.787 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:131 Resp: 2514
Ion Ratio Lower Upper
131 100
133 93.5 46.4 139.1
119 0.0 34.1 102.2#

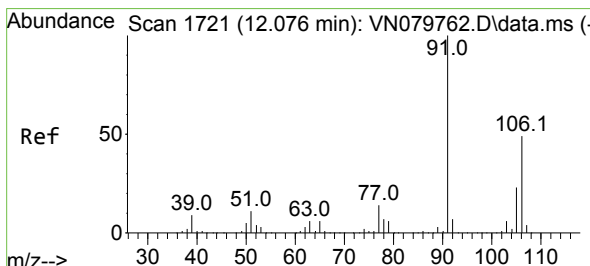
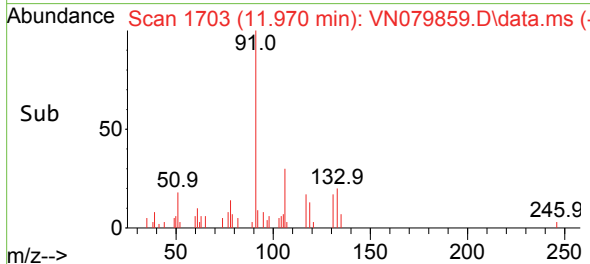
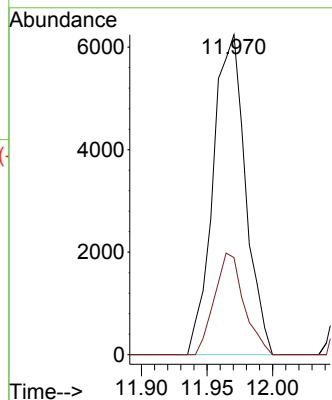
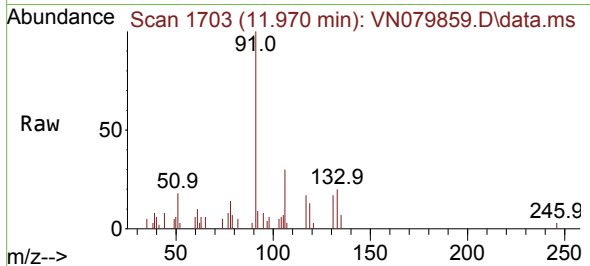




#67
Ethyl Benzene
Concen: 0.696 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

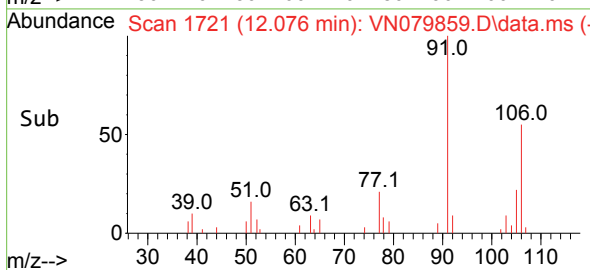
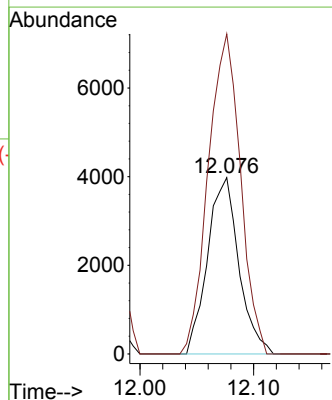
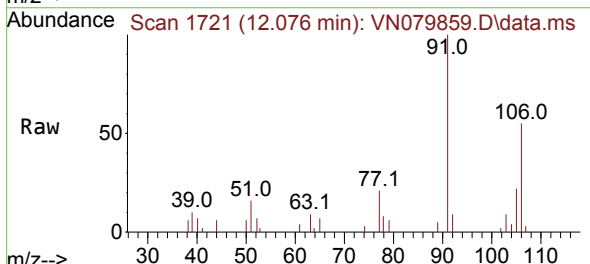
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

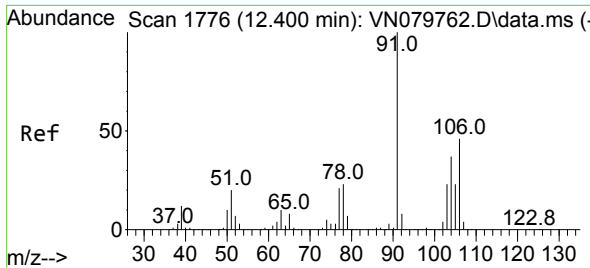
Tgt Ion: 91 Resp: 10762
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4



#68
m/p-Xylenes
Concen: 1.323 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 106 Resp: 7615
Ion Ratio Lower Upper
106 100
91 186.7 159.6 239.4

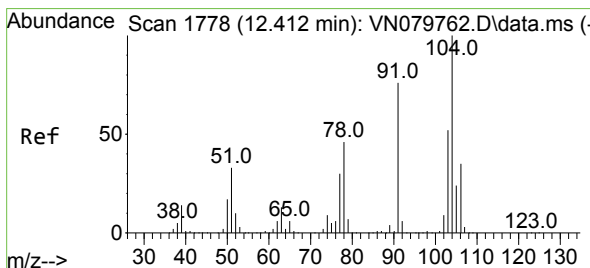
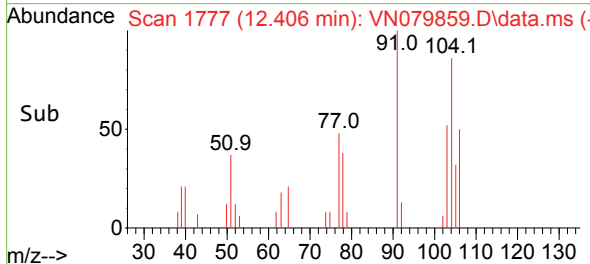
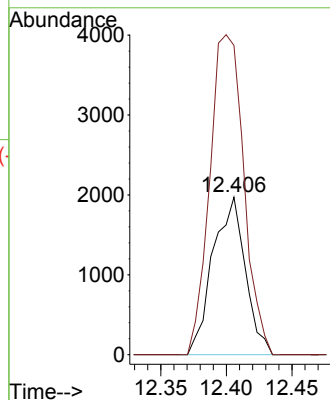
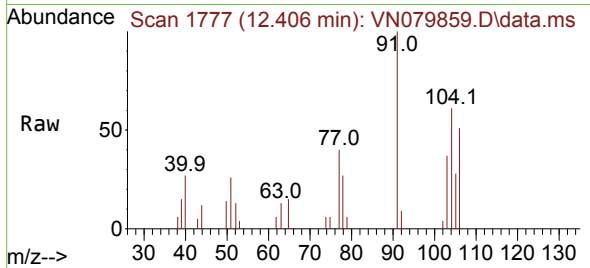




#69
o-Xylene
Concen: 0.613 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

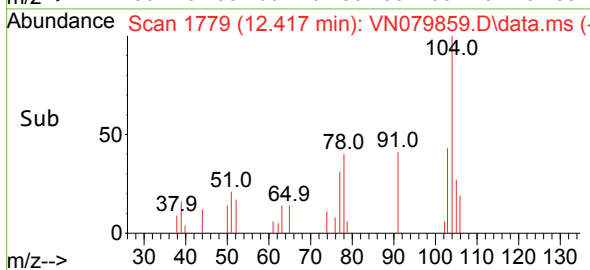
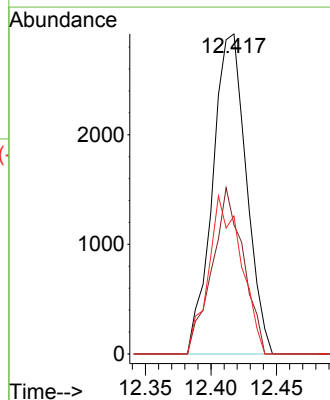
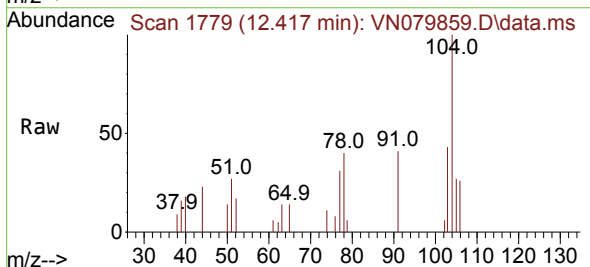
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

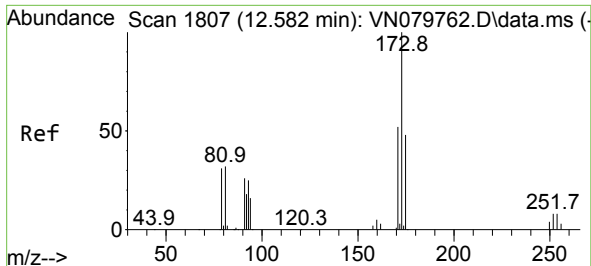
Tgt Ion:106 Resp: 3399
Ion Ratio Lower Upper
106 100
91 213.1 105.2 315.5



#70
Styrene
Concen: 0.585 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:104 Resp: 5214
Ion Ratio Lower Upper
104 100
78 48.1 39.5 59.3
103 48.0 43.2 64.8

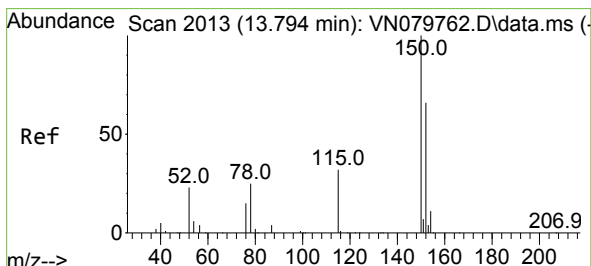
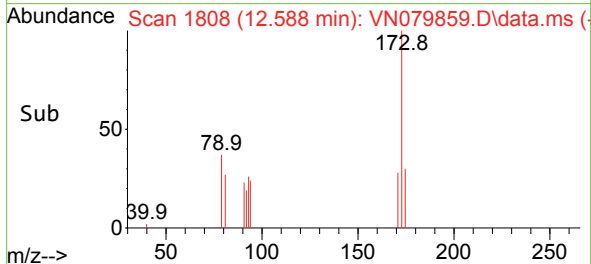
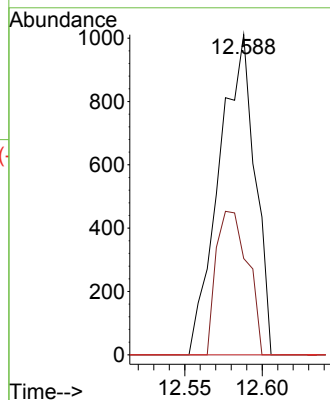
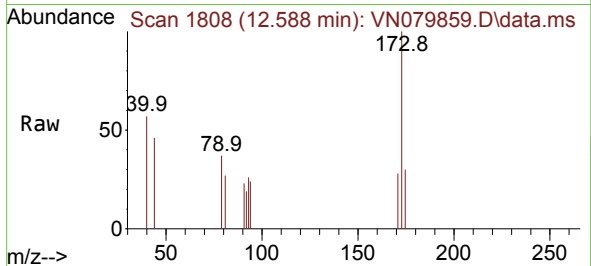




#71
Bromoform
Concen: 0.716 ug/l
RT: 12.588 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

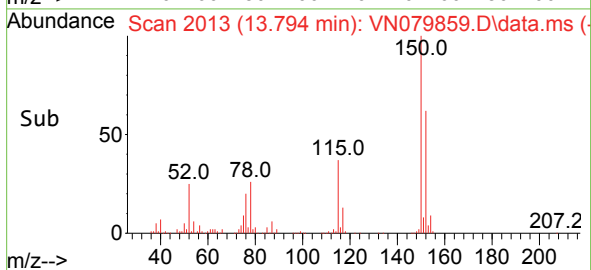
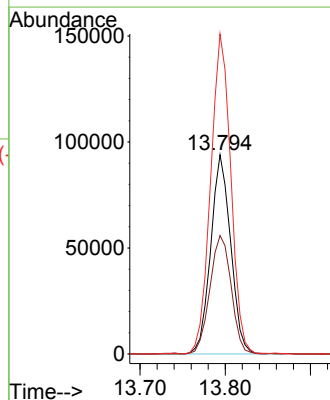
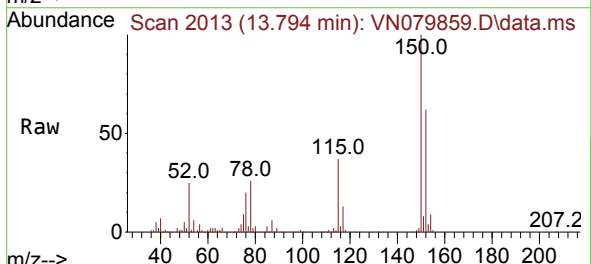
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

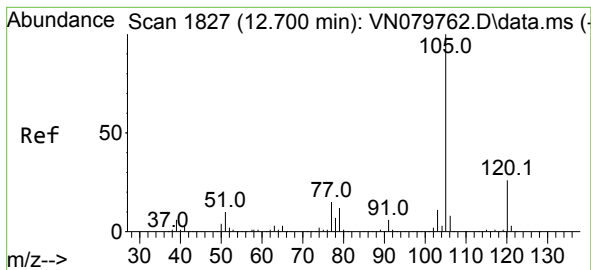
Tgt Ion:173 Resp: 1626
Ion Ratio Lower Upper
173 100
175 39.4 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:152 Resp: 152838
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 162.5 0.0 355.8





#73

Isopropylbenzene

Concen: 0.664 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

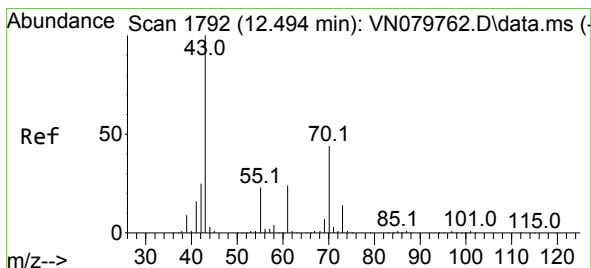
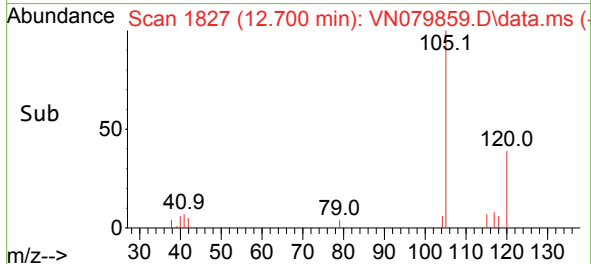
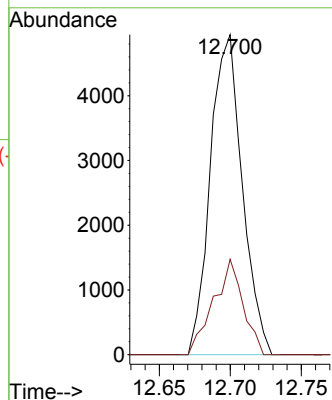
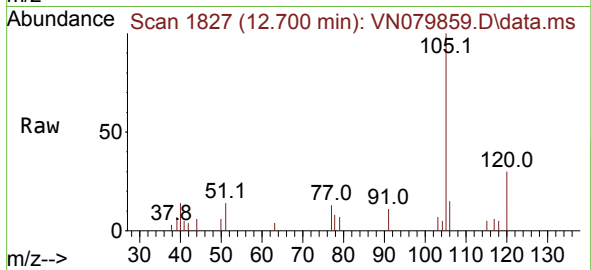
MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 7706

Ion Ratio Lower Upper

105 100

120 27.6 13.1 39.1



#74

N-ethyl acetate

Concen: 0.677 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Tgt Ion: 43 Resp: 3426

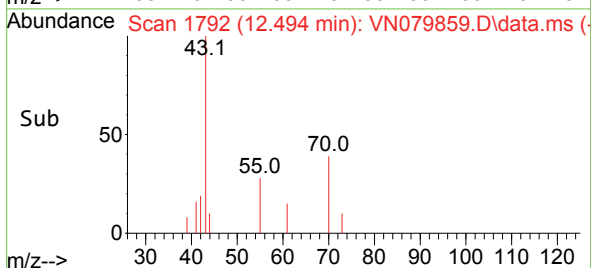
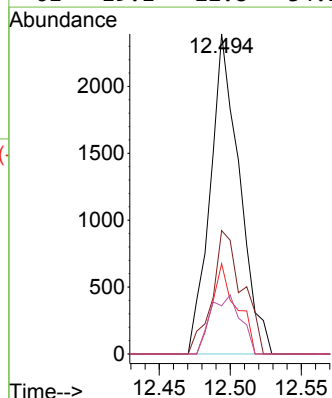
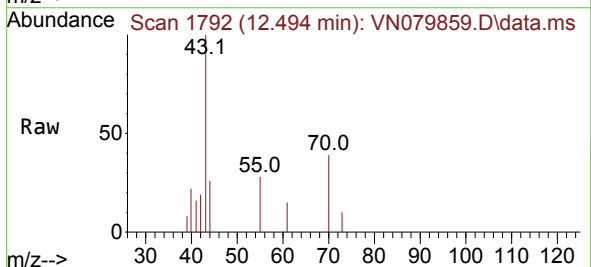
Ion Ratio Lower Upper

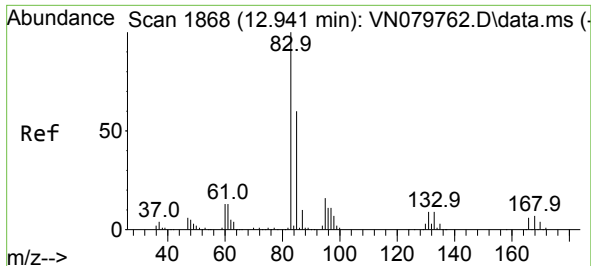
43 100

70 39.8 43.4 65.2#

55 23.6 21.4 32.0

61 19.1 22.8 34.2#

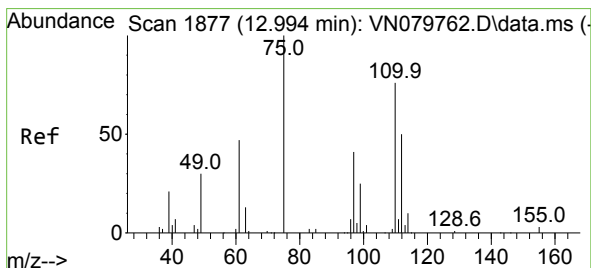
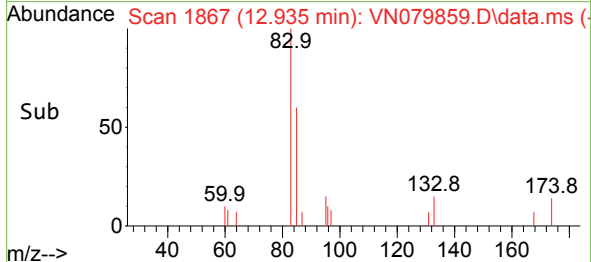
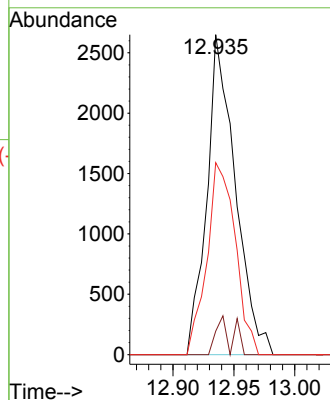
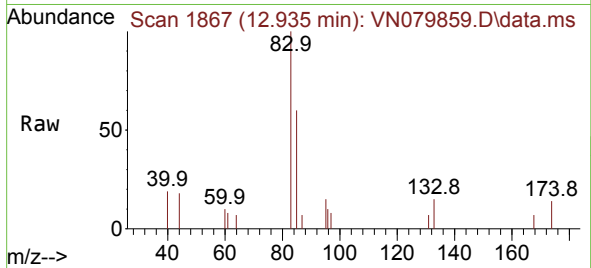




#75
1,1,2,2-Tetrachloroethane
Concen: 1.047 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

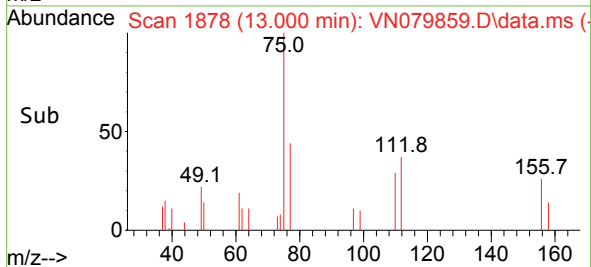
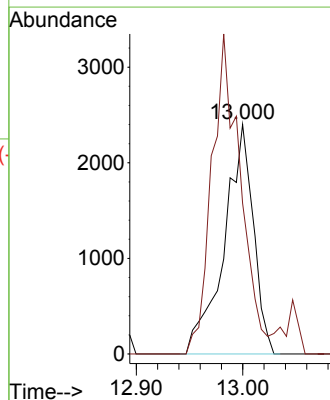
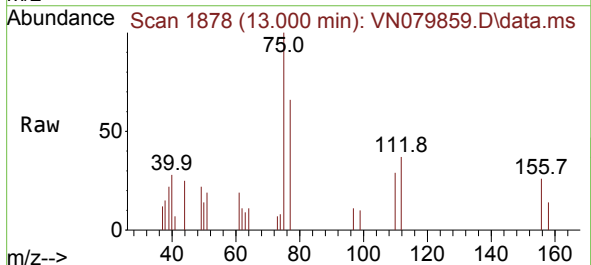
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2023

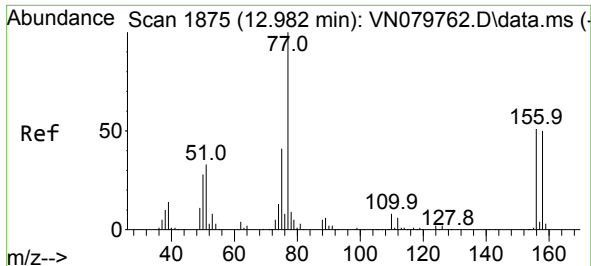
Tgt Ion: 83 Resp: 4307
Ion Ratio Lower Upper
83 100
131 6.7 5.0 15.0
85 59.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 1.279 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 75 Resp: 4588
Ion Ratio Lower Upper
75 100
77 135.4 84.5 253.5

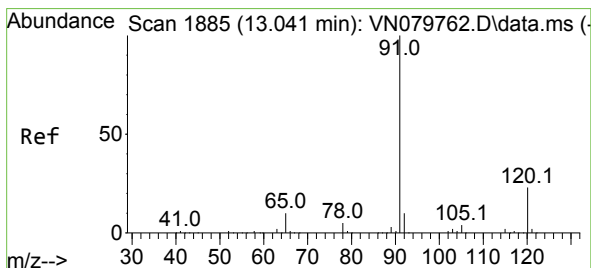
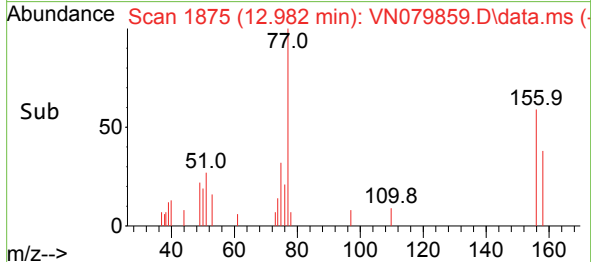
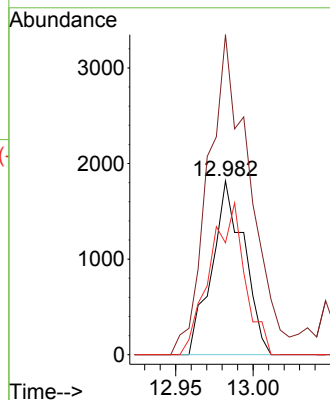
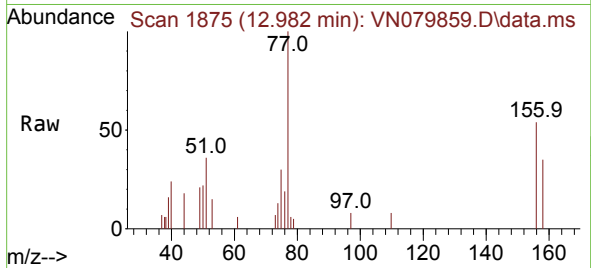




#77
Bromobenzene
Concen: 0.925 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

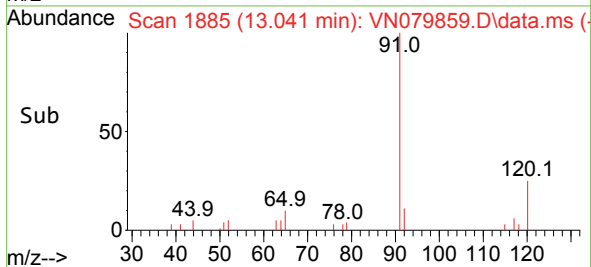
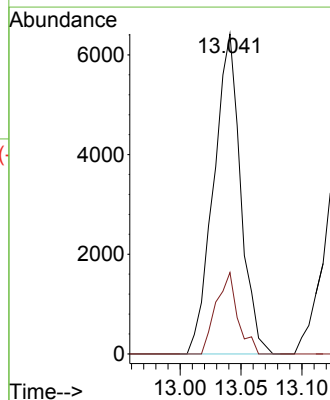
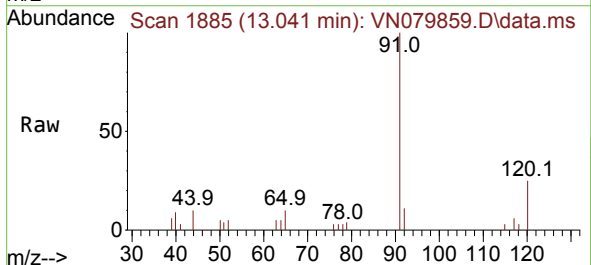
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

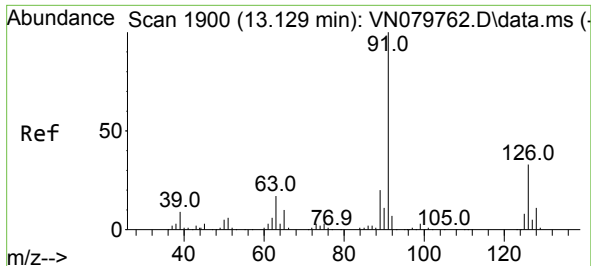
Tgt Ion:156 Resp: 2628
Ion Ratio Lower Upper
156 100
77 236.3 107.7 323.3
158 94.9 48.4 145.3



#78
n-propylbenzene
Concen: 0.745 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 91 Resp: 9898
Ion Ratio Lower Upper
91 100
120 20.5 11.5 34.4

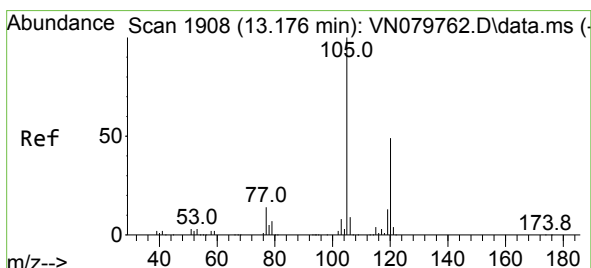
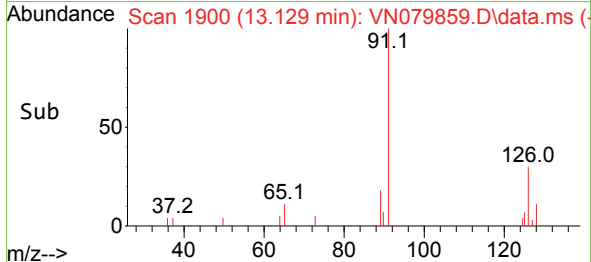
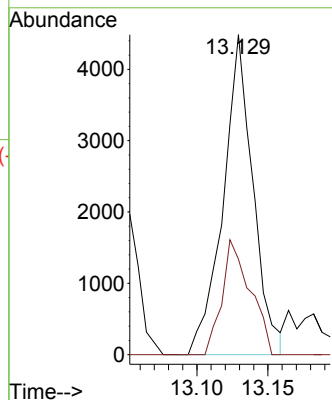
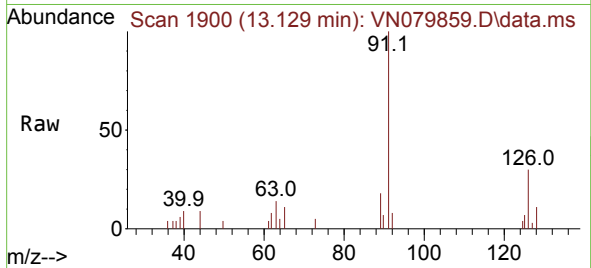




#79
2-Chlorotoluene
Concen: 0.772 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

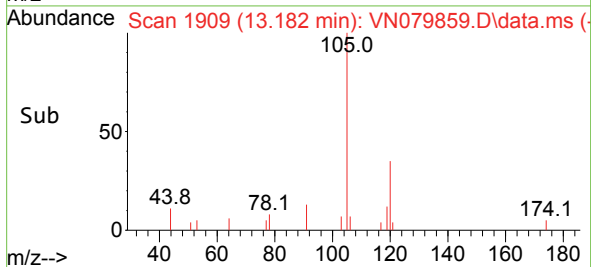
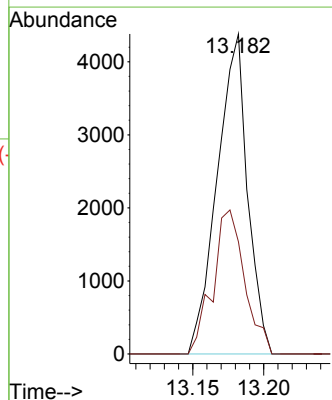
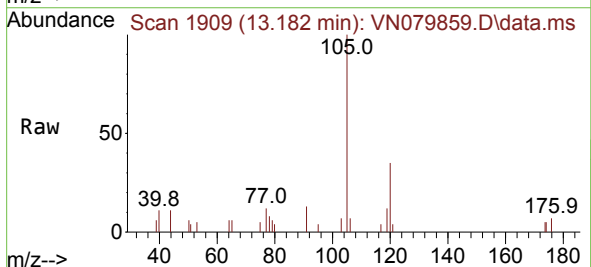
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

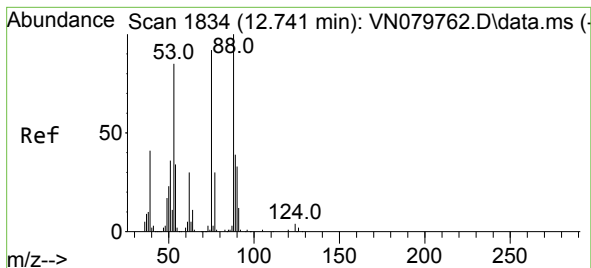
Tgt Ion: 91 Resp: 6554
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.721 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 105 Resp: 6509
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3

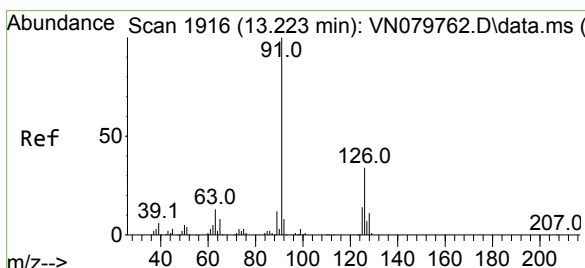
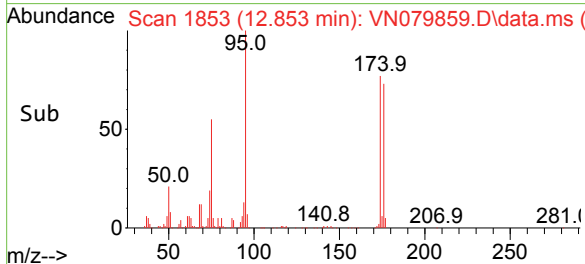
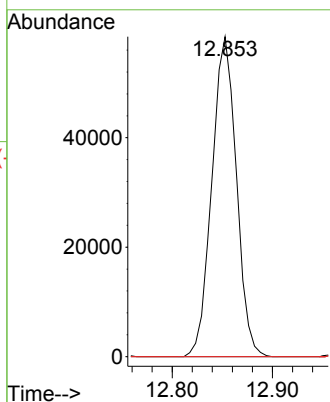
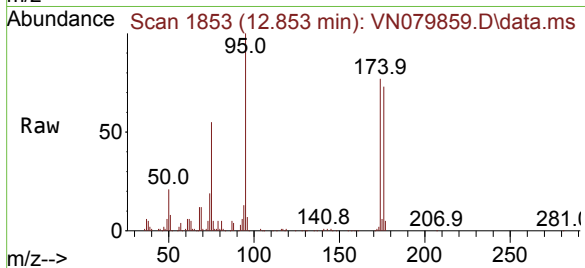




#81
trans-1,4-Dichloro-2-butene
Concen: 75.277 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

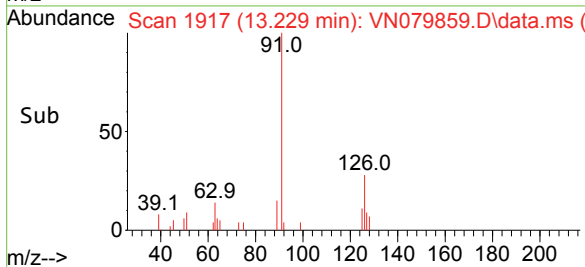
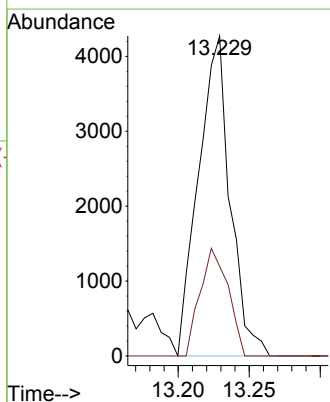
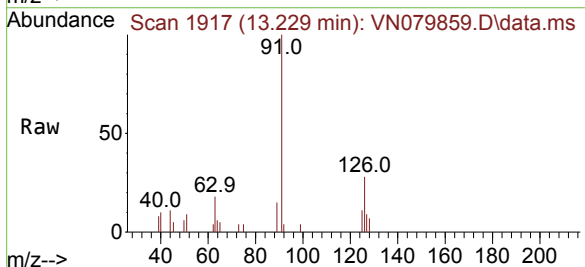
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

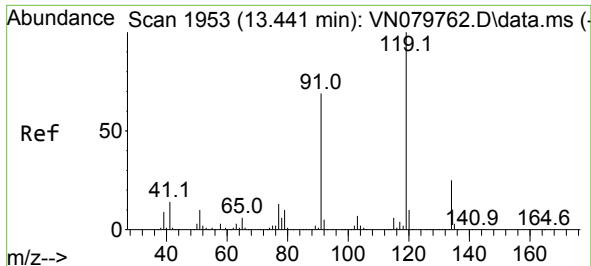
Tgt Ion: 75 Resp: 99277
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.784 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 91 Resp: 6615
Ion Ratio Lower Upper
91 100
126 29.9 16.7 50.0

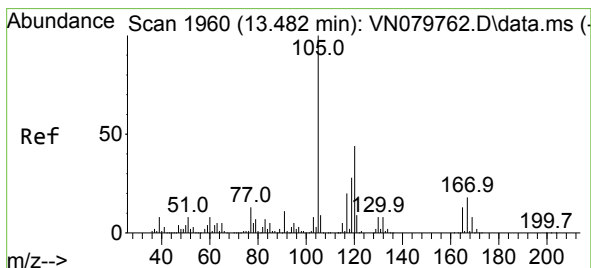
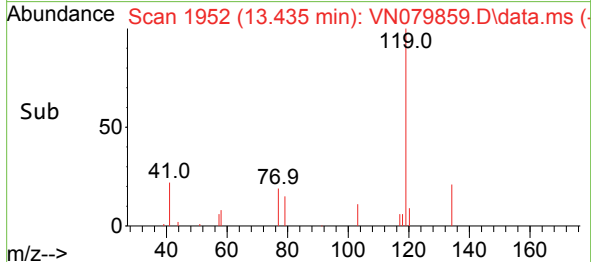
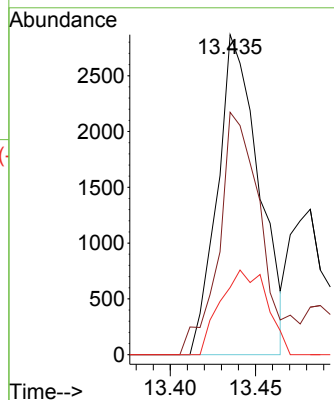
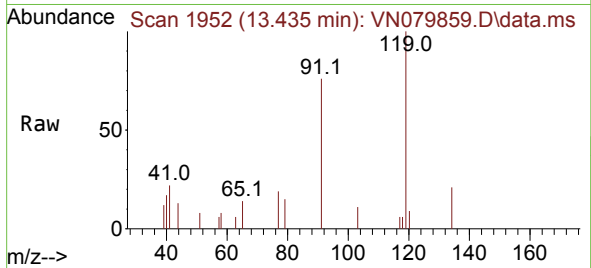




#83
tert-Butylbenzene
Concen: 0.658 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

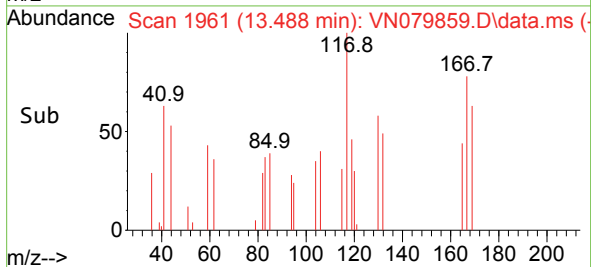
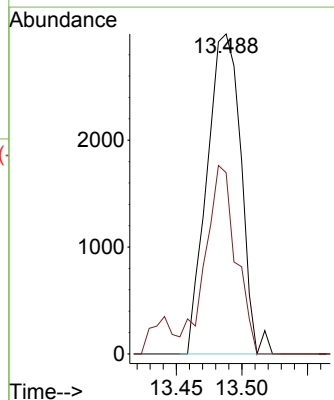
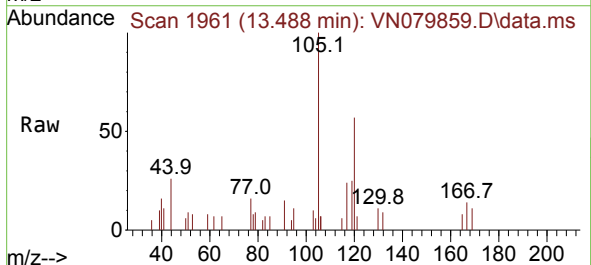
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2023

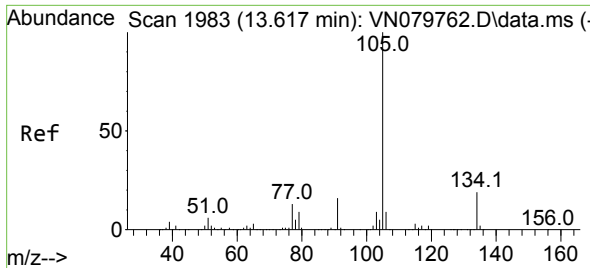
Tgt Ion:119 Resp: 4858
Ion Ratio Lower Upper
119 100
91 78.2 33.9 101.7
134 29.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.606 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:105 Resp: 5384
Ion Ratio Lower Upper
105 100
120 53.0 22.0 66.0

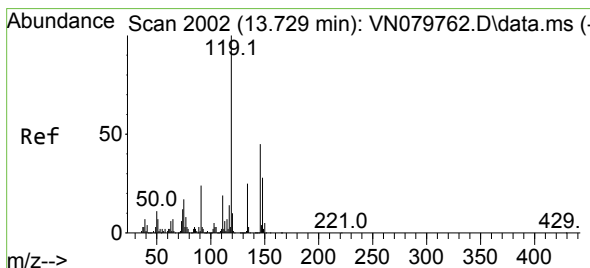
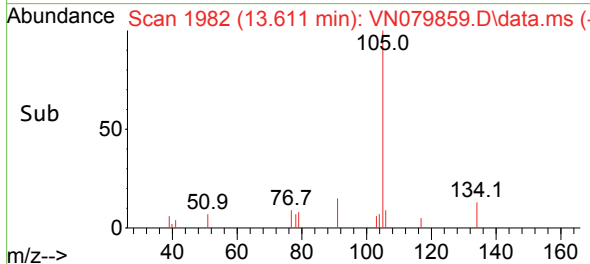
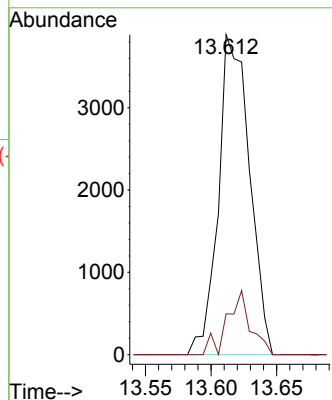
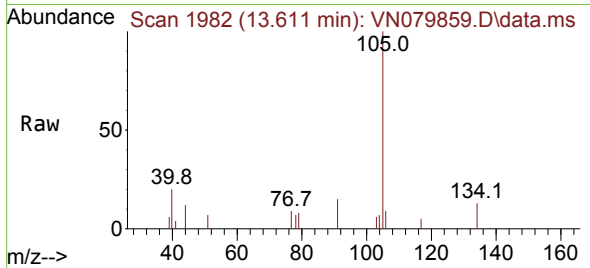




#85
 sec-Butylbenzene
 Concen: 0.626 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

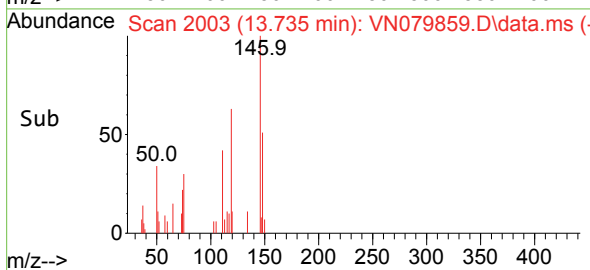
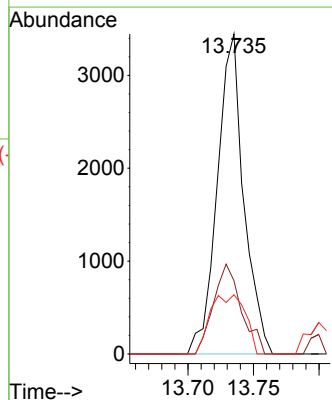
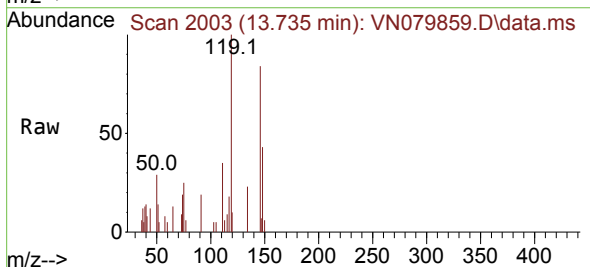
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023

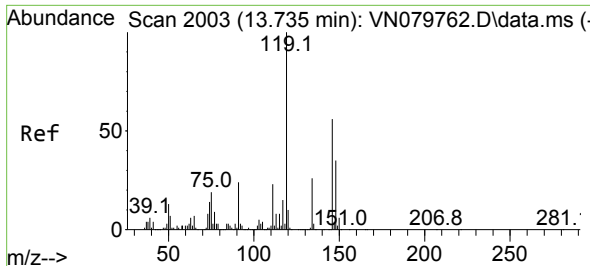
Tgt Ion:105 Resp: 6412
 Ion Ratio Lower Upper
 105 100
 134 15.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.580 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

Tgt Ion:119 Resp: 4839
 Ion Ratio Lower Upper
 119 100
 134 29.7 12.6 37.8
 91 24.5 12.4 37.2

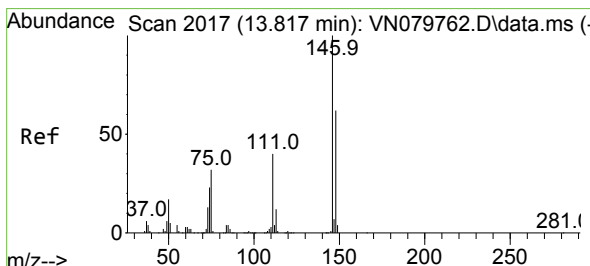
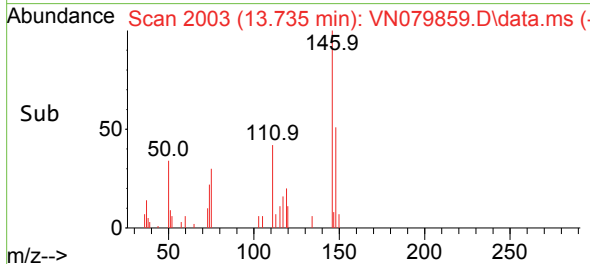
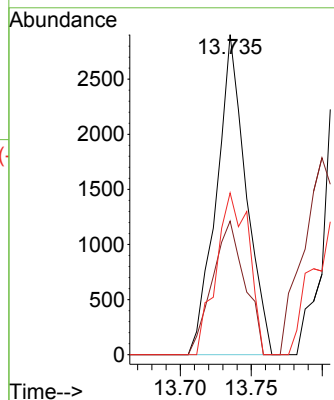
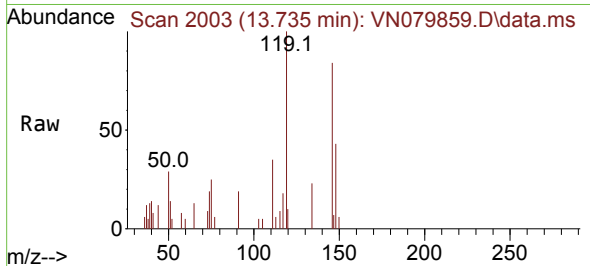




#87
1,3-Dichlorobenzene
Concen: 0.796 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

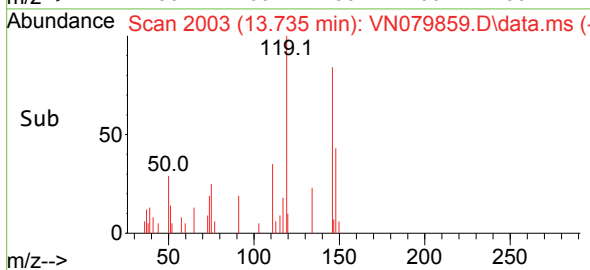
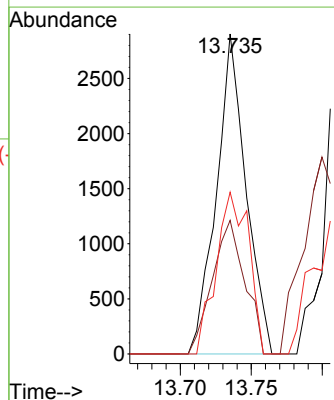
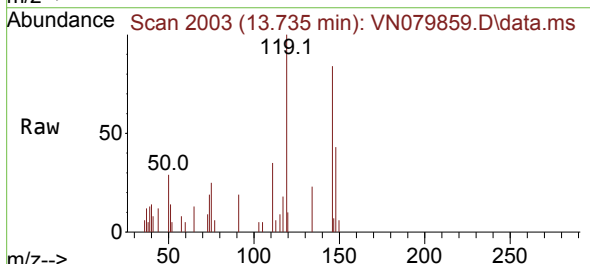
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

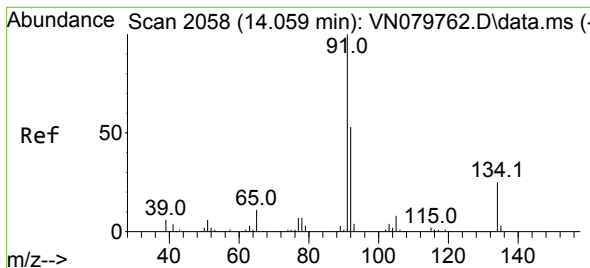
Tgt Ion:146 Resp: 4204
Ion Ratio Lower Upper
146 100
111 45.9 22.1 66.3
148 55.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.784 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.082 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:146 Resp: 4204
Ion Ratio Lower Upper
146 100
111 45.9 20.6 61.8
148 55.6 31.6 94.8





#89

n-Butylbenzene

Concen: 0.672 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

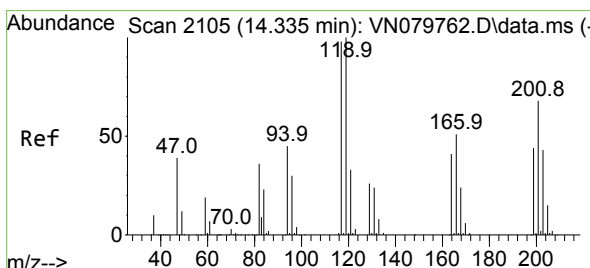
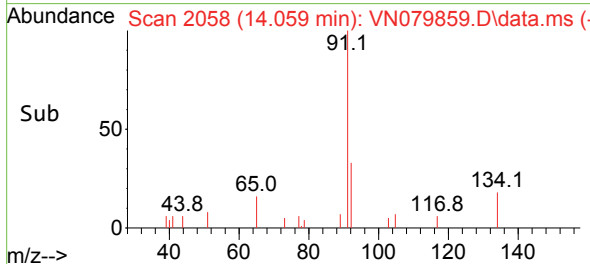
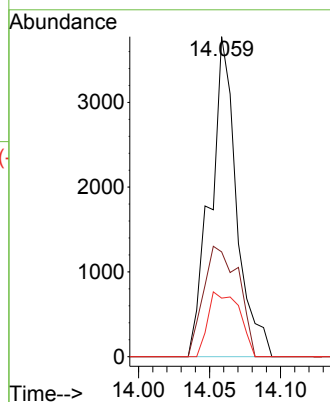
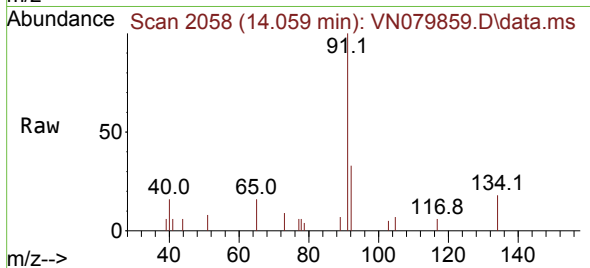
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 91	Resp: 4830
Ion Ratio	Lower Upper
91	100
92	46.2 26.4 79.0
134	24.3 12.6 37.6



#90

Hexachloroethane

Concen: 0.836 ug/l

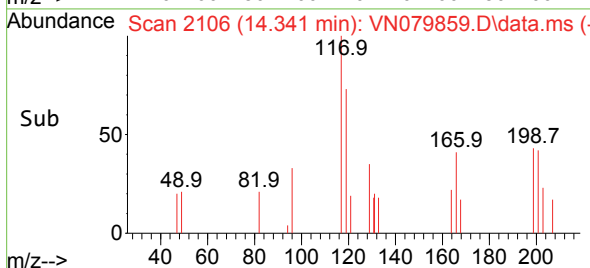
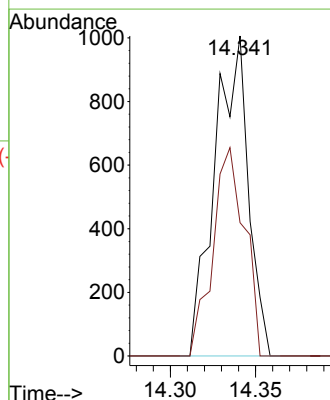
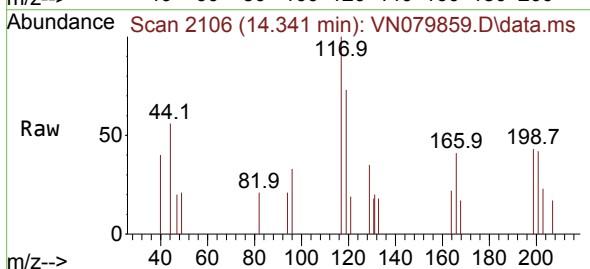
RT: 14.341 min Scan# 2106

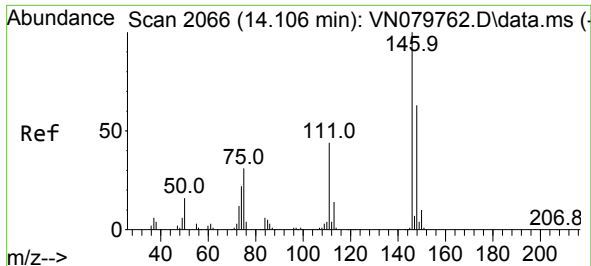
Delta R.T. 0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Tgt Ion: 117	Resp: 1381
Ion Ratio	Lower Upper
117	100
201	61.5 29.3 88.0

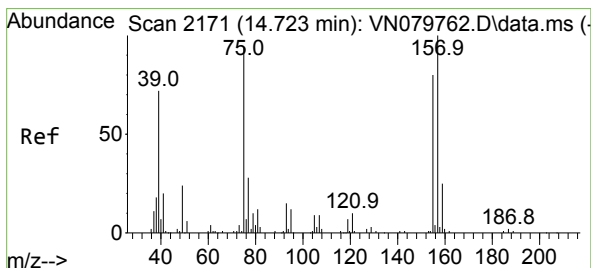
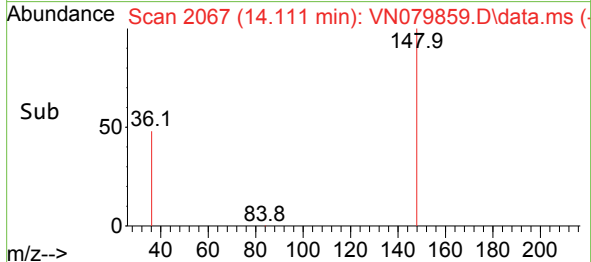
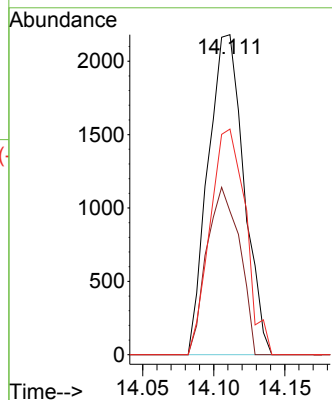
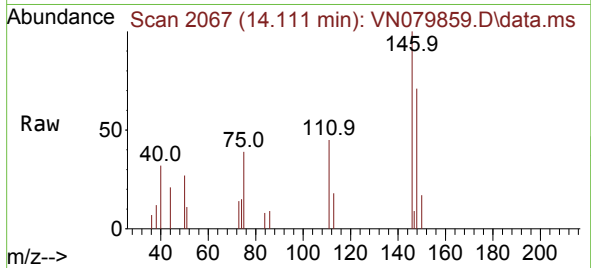




#91
 1,2-Dichlorobenzene
 Concen: 0.768 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

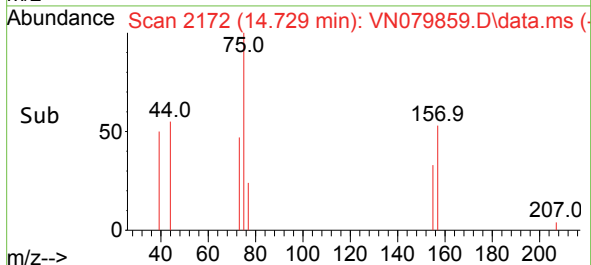
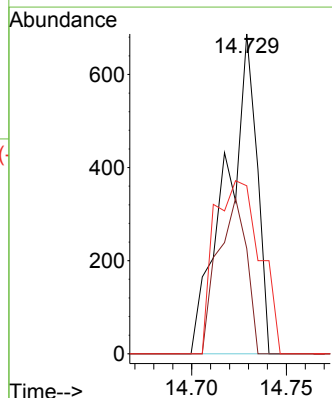
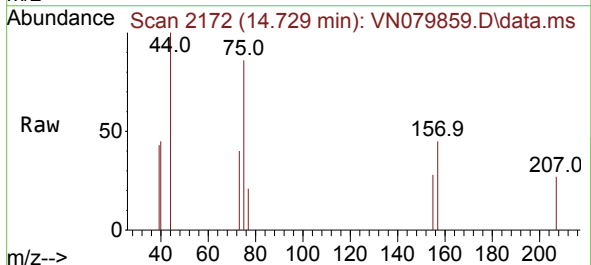
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT4-2023

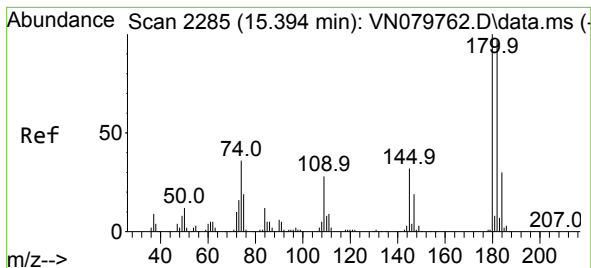
Tgt Ion:	146	Resp:	3829
Ion	Ratio	Lower	Upper
146	100		
111	48.1	22.0	66.0
148	70.3	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.120 ug/l
 RT: 14.729 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

Tgt Ion:	75	Resp:	781
Ion	Ratio	Lower	Upper
75	100		
155	45.5	39.1	117.2
157	79.5	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 0.657 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079859.D

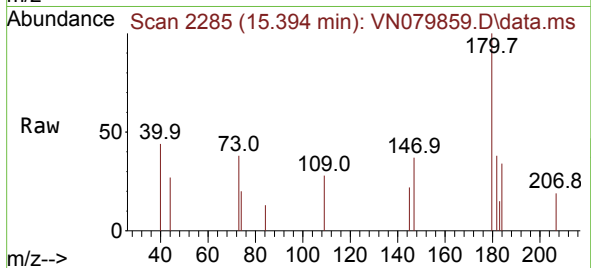
Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023



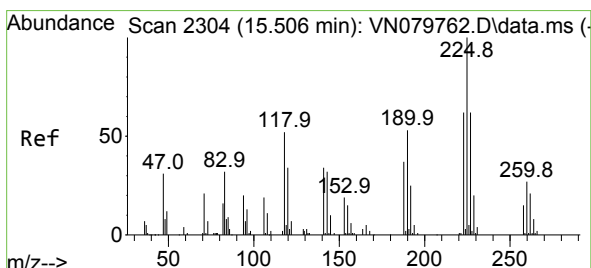
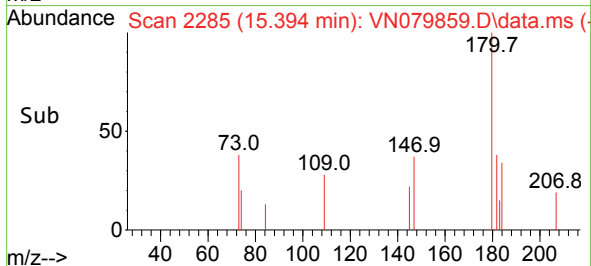
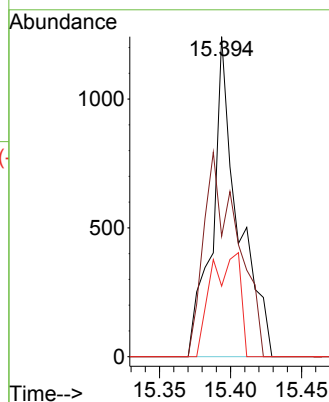
Tgt Ion:180 Resp: 1558

Ion Ratio Lower Upper

180 100

182 83.6 46.1 138.2

145 36.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 1.061 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

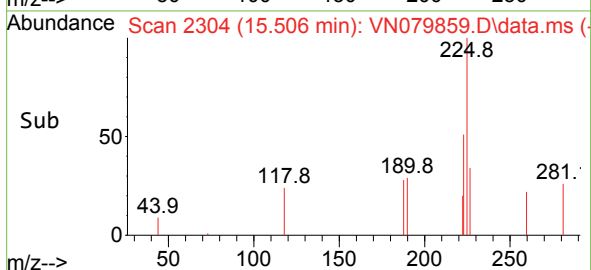
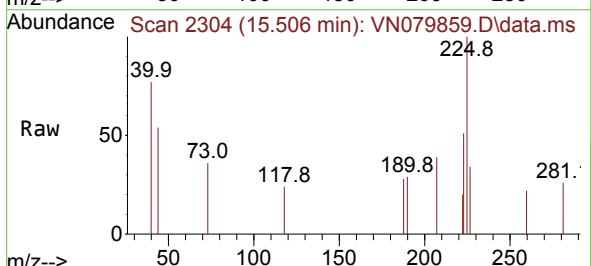
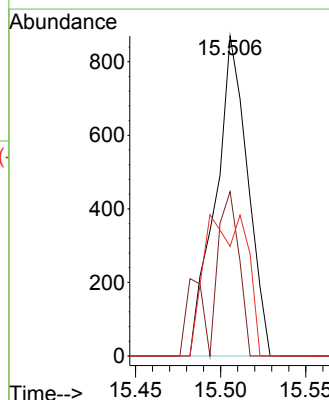
Tgt Ion:225 Resp: 1141

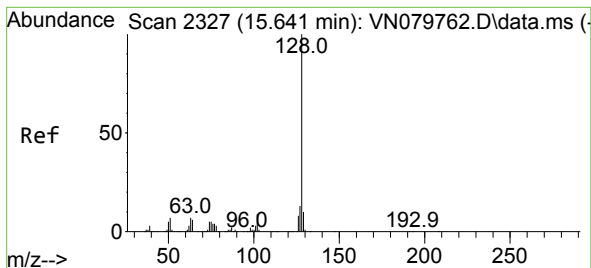
Ion Ratio Lower Upper

225 100

223 45.5 31.3 93.8

227 58.1 31.9 95.9





#95

Naphthalene

Concen: 0.511 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

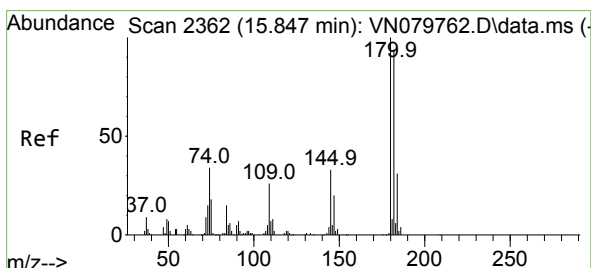
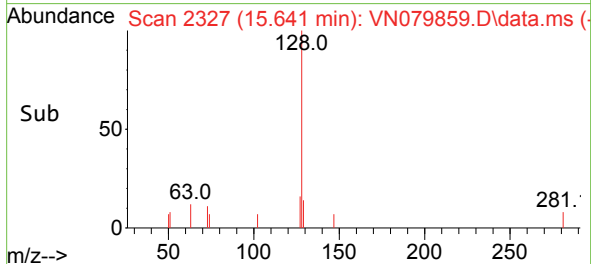
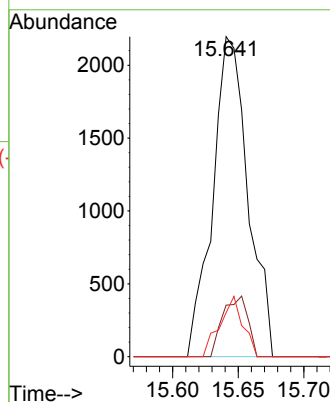
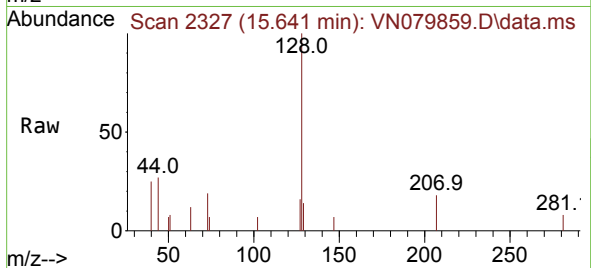
Tgt Ion:128 Resp: 4110

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 12.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.376 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Tgt Ion:180 Resp: 875

Ion Ratio Lower Upper

180 100

182 155.8 46.2 138.6#

145 33.6 17.5 52.6

