

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081155.D
 Acq On : 23 Feb 2024 11:51
 Operator : JC\MD
 Sample : P1187-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Feb 24 00:11:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	60179	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	356380	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	318459	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	144520	31.960	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.533%	
60) 4-Bromofluorobenzene	12.853	95	145151	29.814	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.367%	
63) Toluene-d8	10.571	98	434106	30.375	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.267%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	9427	2.304	ug/l	100
3) Chloromethane	2.359	50	11824	2.875	ug/l	96
4) Vinyl Chloride	2.512	62	11699	2.386	ug/l	91
6) Chloroethane	3.124	64	6770	2.118	ug/l	89
7) Trichlorofluoromethane	3.500	101	17253	2.672	ug/l	97
8) Diethyl Ether	3.959	74	5868	2.586	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	3860	1.102	ug/l	66
10) 1,1-Dichloroethene	4.336	96	5777	1.682	ug/l #	78
11) Methyl Iodide	4.583	142	4149	1.128	ug/l #	52
12) Methyl Acetate	5.012	43	3850	1.237	ug/l	89
13) Acrolein	4.183	56	10526	15.510	ug/l #	69
14) Acrylonitrile	5.724	53	23878	15.452	ug/l	72
15) Acetone	4.424	58	1596	4.490	ug/l	78
16) Carbon Disulfide	4.718	76	24336	2.582	ug/l #	95
17) Allyl chloride	5.030	41	10522	2.440	ug/l #	83
18) Methylene Chloride	5.265	84	5425	1.382	ug/l #	85
19) trans-1,2-Dichloroethene	5.783	96	6482	1.663	ug/l #	73
20) Diisopropyl ether	6.677	45	16194	1.562	ug/l	99
21) 1,1-Dichloroethane	6.571	63	18512	2.787	ug/l #	92
22) cis-1,2-Dichloroethene	7.488	96	9330	2.060	ug/l #	79
23) tert-Butyl Alcohol	5.512	59	5942	10.555	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	28970	2.545	ug/l	100
25) Chloroform	7.971	83	19345	2.625	ug/l #	69
26) Cyclohexane	8.253	56	15509	3.100	ug/l #	93
29) 1,1-Dichloropropene	8.371	75	13872	2.613	ug/l	86
30) 2-Butanone	7.482	43	29042	14.911	ug/l #	77
31) 2,2-Dichloropropane	7.488	77	10696	1.770	ug/l #	81
32) 1,1,1-Trichloroethane	8.177	97	6882	1.031	ug/l #	14
33) Carbon Tetrachloride	8.365	117	14132	2.512	ug/l #	88
34) Benzene	8.606	78	40332	2.486	ug/l #	75
35) Methacrylonitrile	7.782	41	7117	3.109	ug/l	95
36) 1,2-Dichloroethane	8.665	62	14398	2.645	ug/l	98
37) Trichloroethene	9.365	130	10984	2.547	ug/l #	72
38) Methylcyclohexane	9.606	83	16932	3.196	ug/l	97
39) 1,2-Dichloropropane	9.629	63	10994	2.857	ug/l	93
40) Dibromomethane	9.706	93	7927	2.708	ug/l	91
41) Bromodichloromethane	9.894	83	13722	2.395	ug/l #	96
42) Vinyl Acetate	6.606	43	111952	13.438	ug/l #	92
43) Ethyl Acetate	7.565	43	12604	3.107	ug/l #	87

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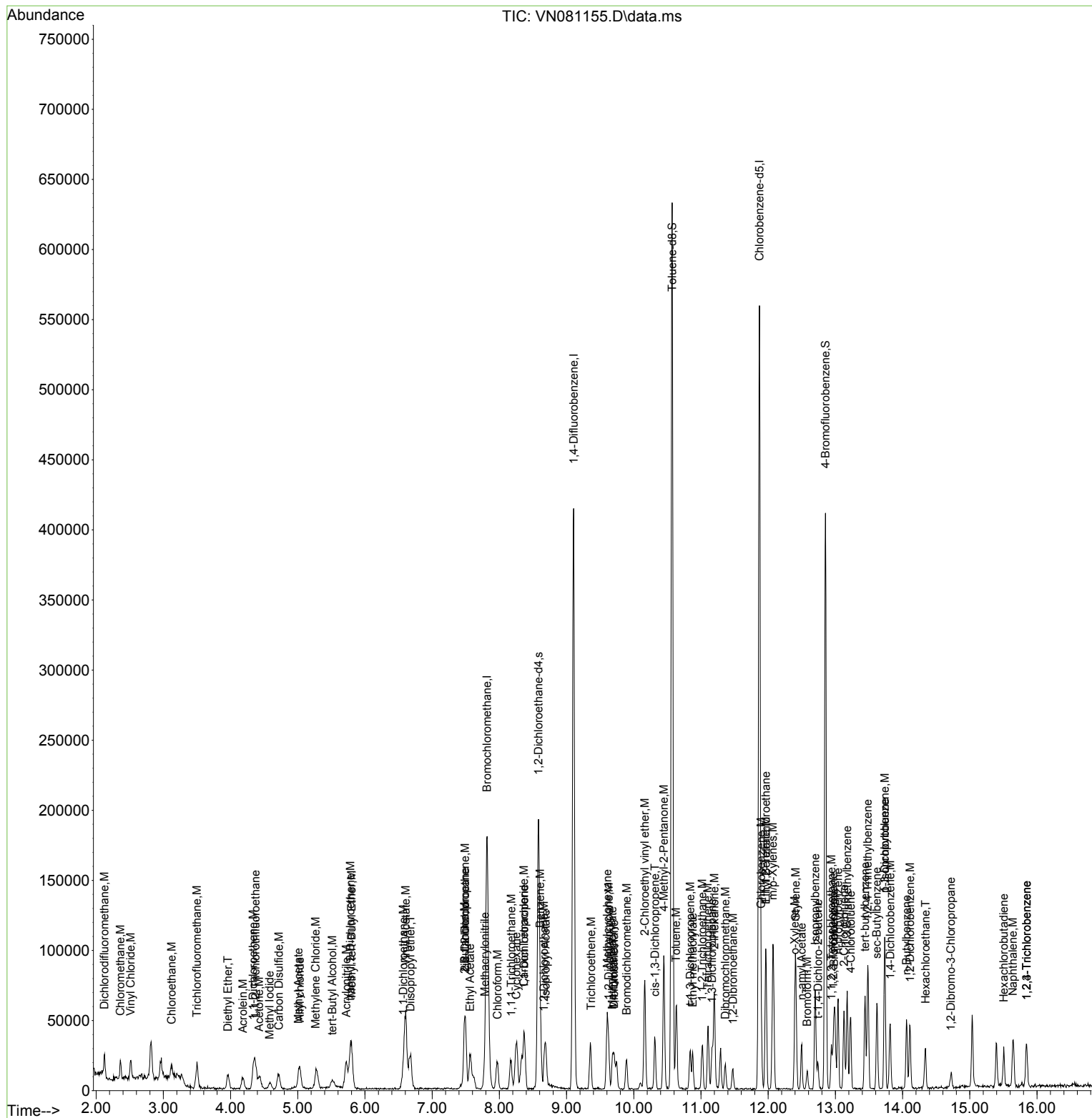
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.688	43	27090	3.717	ug/l #	83
45) 1,4-Dioxane	9.700	88	3814	55.172	ug/l #	85
46) Methyl methacrylate	9.682	41	8359	2.506	ug/l	89
47) n-amyl Acetate	12.500	43	16794	2.642	ug/l	90
48) t-1,3-Dichloropropene	10.841	75	14407	2.399	ug/l #	89
49) cis-1,3-Dichloropropene	10.318	75	15469	2.377	ug/l #	86
50) 1,1,2-Trichloroethane	11.018	97	10135	2.502	ug/l	96
51) Ethyl methacrylate	10.876	69	12629	2.231	ug/l	96
52) 1,3-Dichloropropane	11.165	76	16377	2.448	ug/l	92
53) Dibromochloromethane	11.365	129	9796	2.219	ug/l	91
54) 1,2-Dibromoethane	11.476	107	9868	2.355	ug/l	92
55) 2-Chloroethyl vinyl ether	10.165	63	34006	11.721	ug/l	97
56) Bromoform	12.582	173	5319	1.892	ug/l #	93
58) 4-Methyl-2-Pentanone	10.447	43	61348	14.838	ug/l #	91
59) 2-Hexanone	11.200	43	43409	14.275	ug/l #	92
61) Tetrachloroethene	11.100	164	9324	2.563	ug/l	84
62) Toluene	10.629	91	43680	2.504	ug/l	98
64) Chlorobenzene	11.894	112	24563	2.299	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	9300	2.347	ug/l	96
66) Ethyl Benzene	11.965	91	48768	2.659	ug/l #	85
67) m/p-Xylenes	12.070	106	32471	4.508	ug/l	97
68) o-Xylene	12.394	106	17341	2.457	ug/l	91
69) Styrene	12.412	104	25885	2.227	ug/l	94
70) Isopropylbenzene	12.700	105	42167	2.451	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	13730	2.588	ug/l	95
72) 1,2,3-Trichloropropane	12.970	75	3726	0.897	ug/l #	1
73) Bromobenzene	12.982	156	9641	2.254	ug/l	92
74) n-propylbenzene	13.041	91	51292	2.623	ug/l	100
75) 2-Chlorotoluene	13.129	91	31727	2.614	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	34832	2.475	ug/l	96
77) t-1,4-Dichloro-2-butene	12.741	75	3727	2.372	ug/l	98
78) 4-Chlorotoluene	13.229	91	30846	2.537	ug/l	96
79) tert-butylbenzene	13.441	119	31193	2.670	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	32947	2.349	ug/l	92
81) sec-Butylbenzene	13.617	105	42020	2.568	ug/l	97
82) p-Isopropyltoluene	13.735	119	33192	2.416	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	18215	2.367	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	17454	2.260	ug/l	96
85) n-Butylbenzene	14.059	91	27916	2.463	ug/l	98
86) Hexachloroethane	14.341	117	4987	2.302	ug/l	93
87) 1,2-Dichlorobenzene	14.111	146	18095	2.415	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	3103	3.241	ug/l #	83
89) 1,2,4-Trichlorobenzene	15.847	180	9319	2.543	ug/l #	91
90) Hexachlorobutadiene	15.506	225	3854	2.397	ug/l	77
91) Naphthalene	15.641	128	30513	2.345	ug/l	97
92) 1,2,3-Trichlorobenzene	15.847	180	9319	2.543	ug/l	91

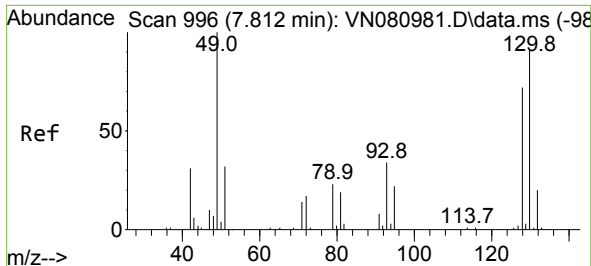
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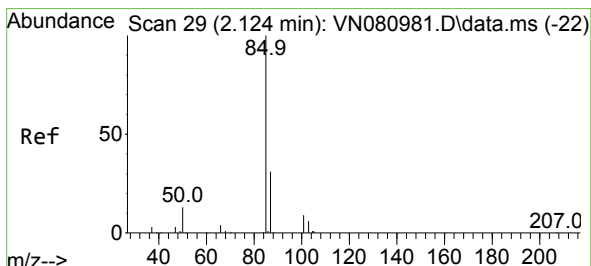
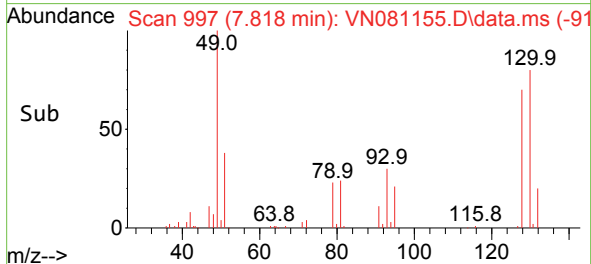
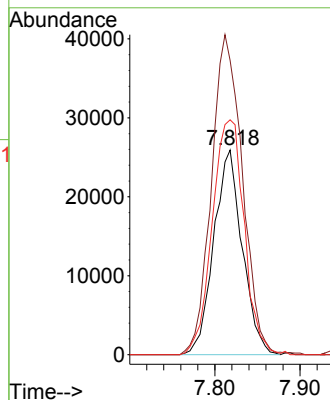
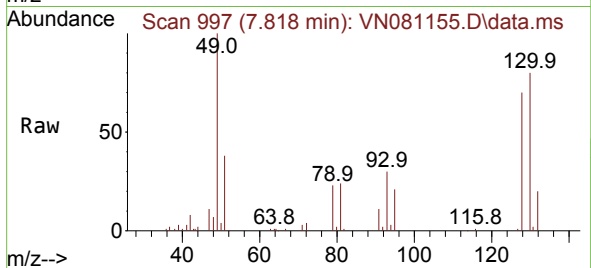




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
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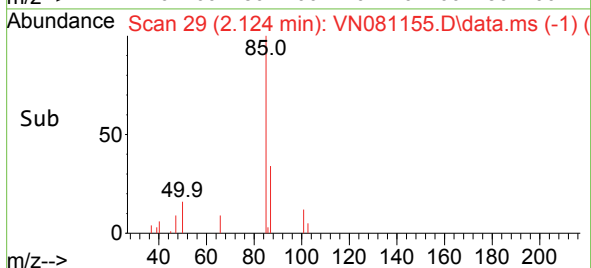
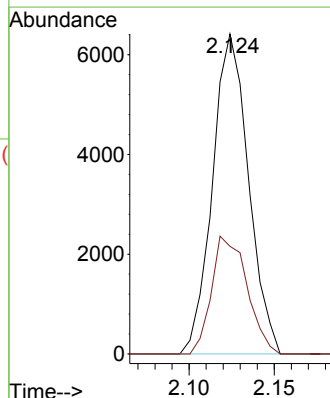
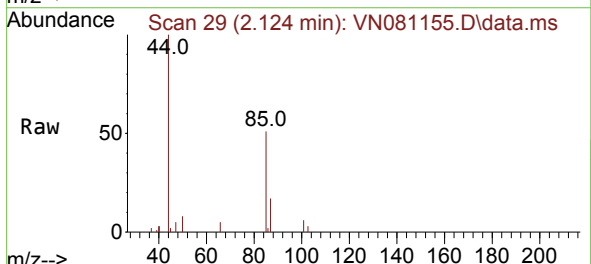
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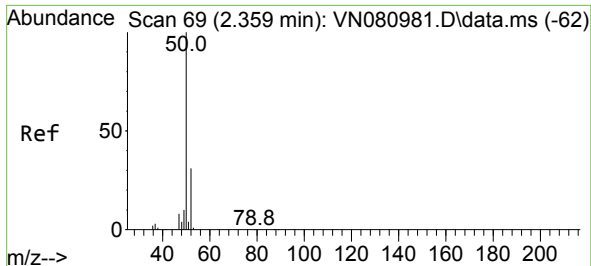
Tgt Ion:128 Resp: 60179
Ion Ratio Lower Upper
128 100
49 169.4 0.0 403.7
130 128.6 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 2.304 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 85 Resp: 9427
Ion Ratio Lower Upper
85 100
87 33.6 16.8 50.3

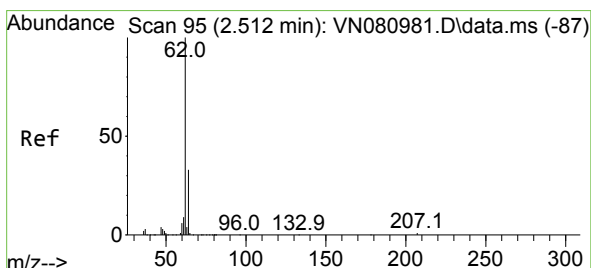
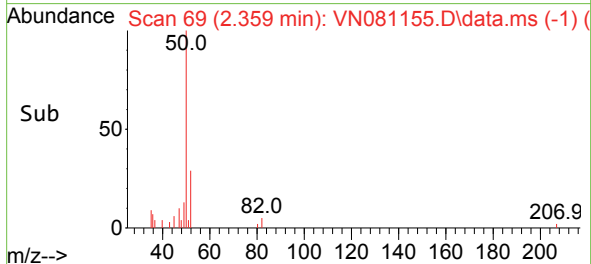
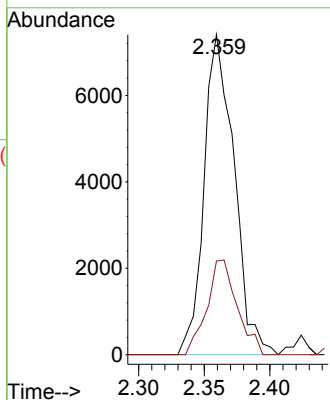
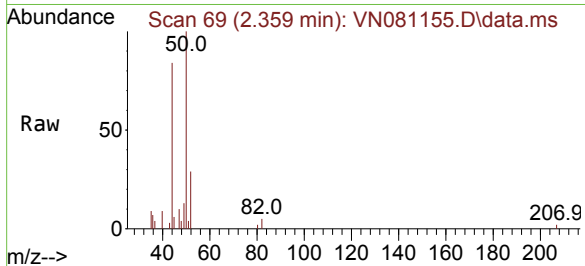




#3
Chloromethane
Concen: 2.875 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

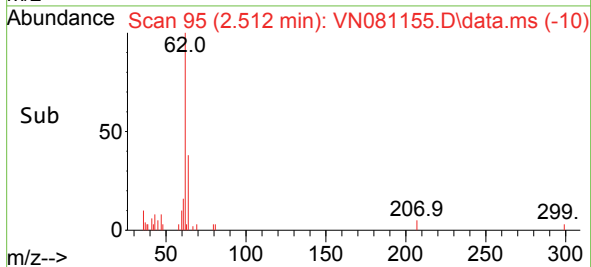
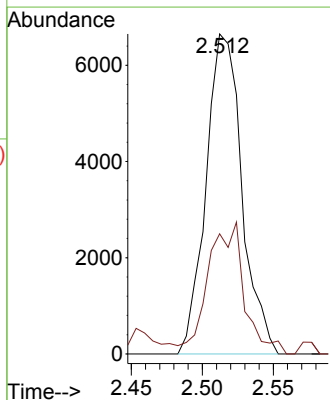
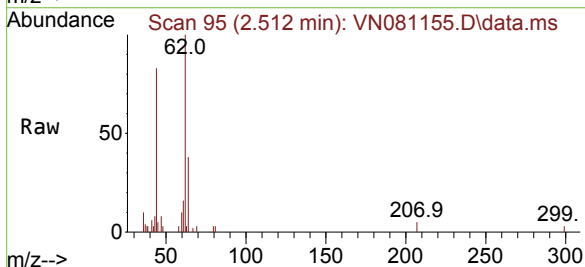
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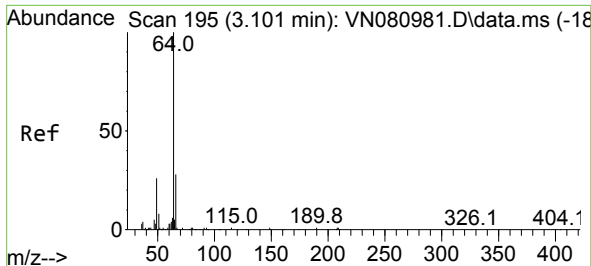
Tgt Ion: 50 Resp: 11824
Ion Ratio Lower Upper
50 100
52 29.3 25.4 38.0



#4
Vinyl Chloride
Concen: 2.386 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN081155.D
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Tgt Ion: 62 Resp: 11699
Ion Ratio Lower Upper
62 100
64 34.9 24.1 36.1

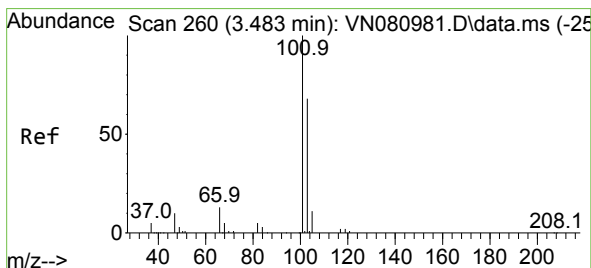
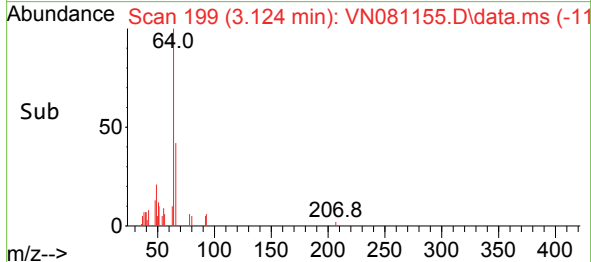
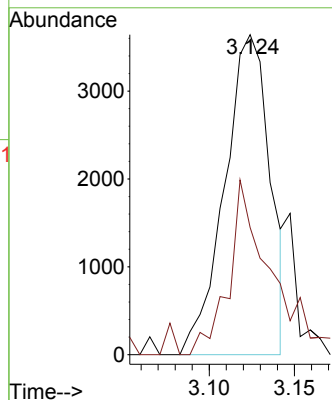
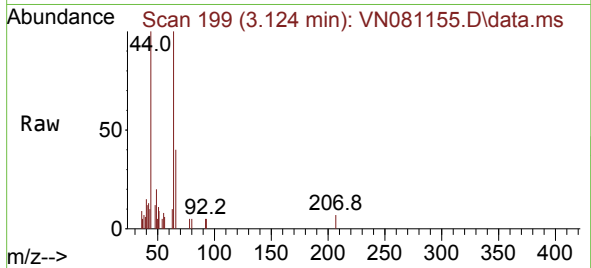




#6
Chloroethane
Concen: 2.118 ug/l
RT: 3.124 min Scan# 195
Delta R.T. 0.023 min
Lab File: VN081155.D
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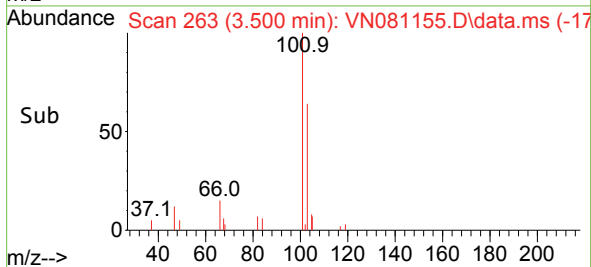
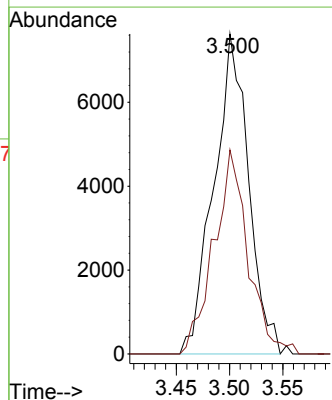
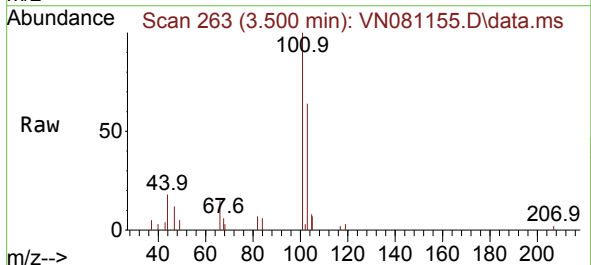
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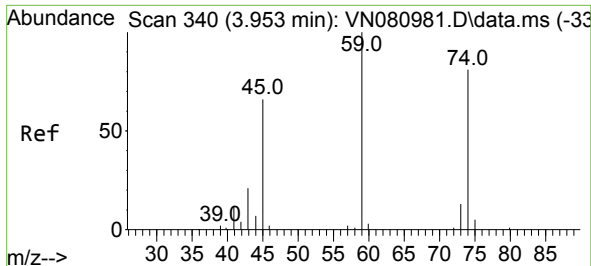
Tgt Ion: 64 Resp: 6770
Ion Ratio Lower Upper
64 100
66 39.8 26.7 40.1



#7
Trichlorofluoromethane
Concen: 2.672 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.018 min
Lab File: VN081155.D
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Tgt Ion:101 Resp: 17253
Ion Ratio Lower Upper
101 100
103 63.7 53.0 79.4

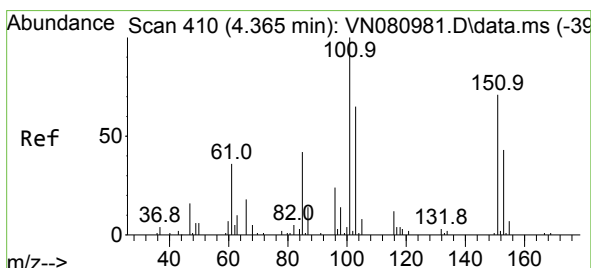
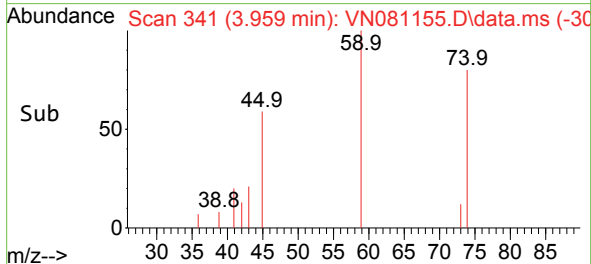
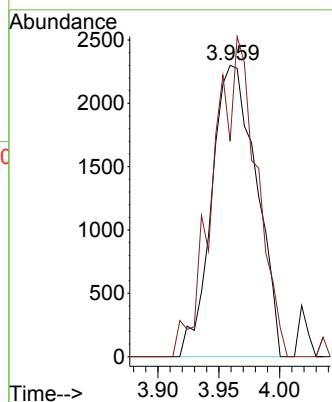
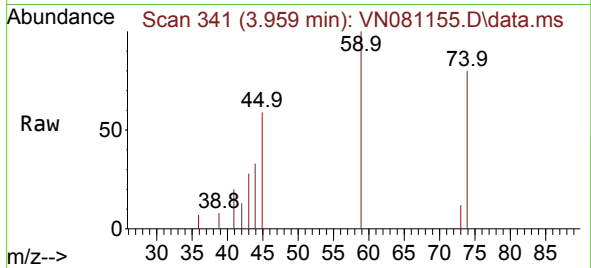




#8
Diethyl Ether
Concen: 2.586 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
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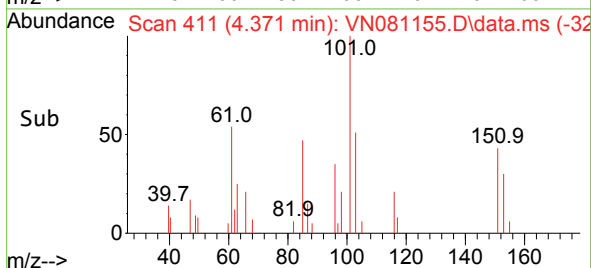
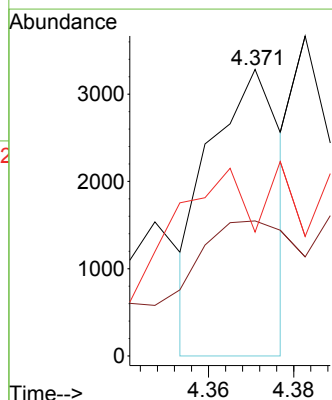
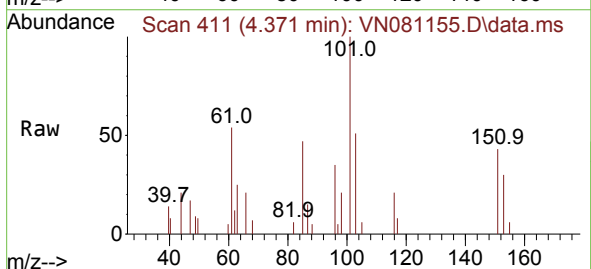
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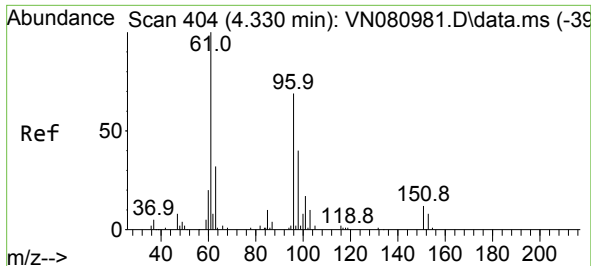
Tgt Ion: 74 Resp: 5868
Ion Ratio Lower Upper
74 100
45 57.3 16.4 147.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.102 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081155.D
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Tgt Ion: 101 Resp: 3860
Ion Ratio Lower Upper
101 100
85 90.5 0.0 90.6
151 90.4 0.0 157.6

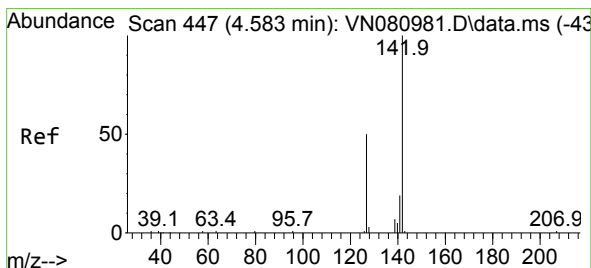
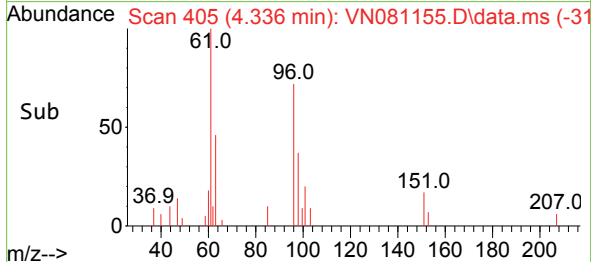
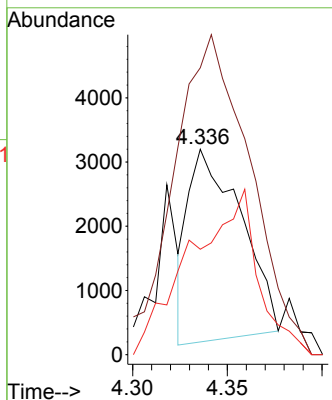
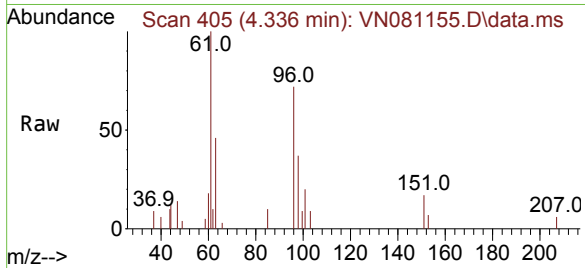




#10
1,1-Dichloroethene
Concen: 1.682 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN081155.D
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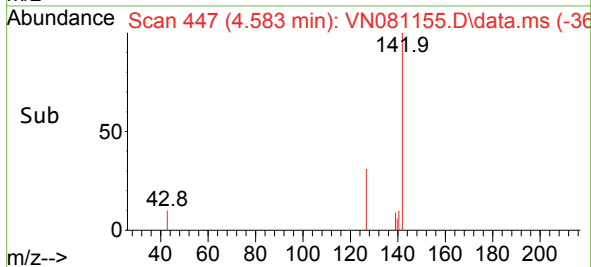
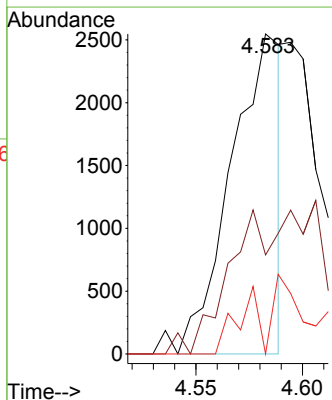
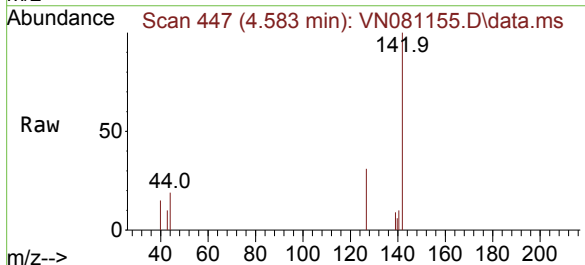
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MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

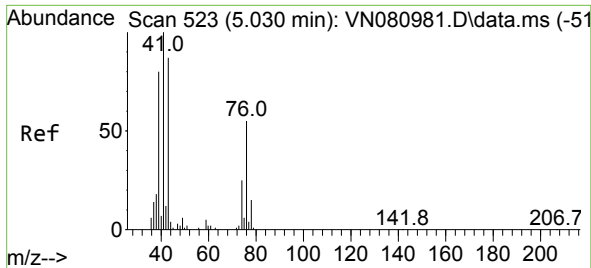
Tgt Ion: 96 Resp: 5777
Ion Ratio Lower Upper
96 100
61 121.2 117.6 176.4
98 41.6 48.4 72.6#



#11
Methyl Iodide
Concen: 1.128 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 142 Resp: 4149
Ion Ratio Lower Upper
142 100
127 17.0 26.3 78.9#
141 0.0 8.3 24.9#

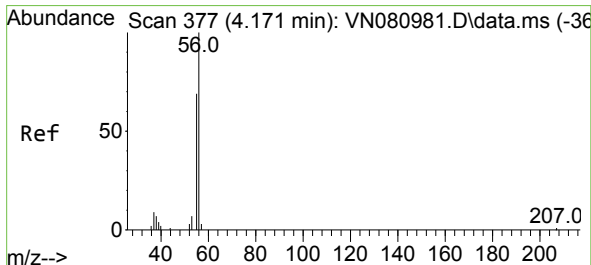
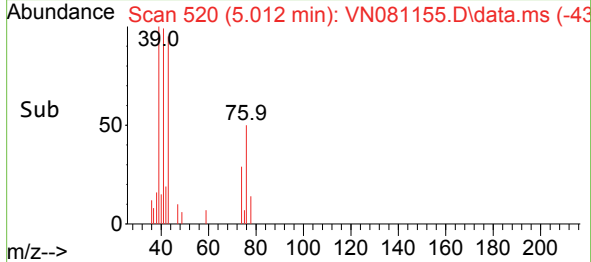
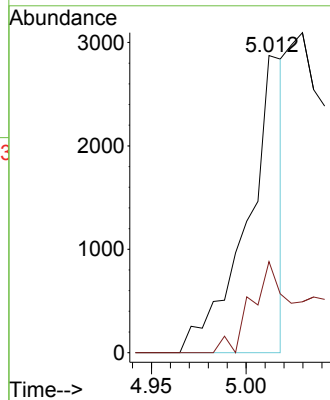
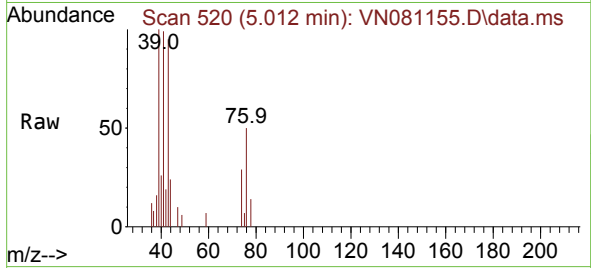




#12
Methyl Acetate
Concen: 1.237 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

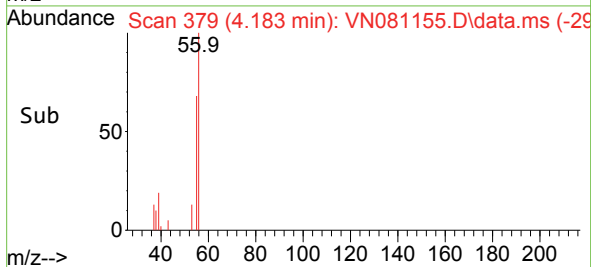
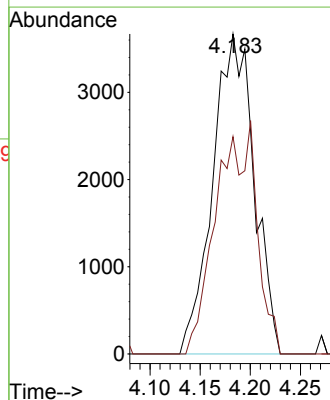
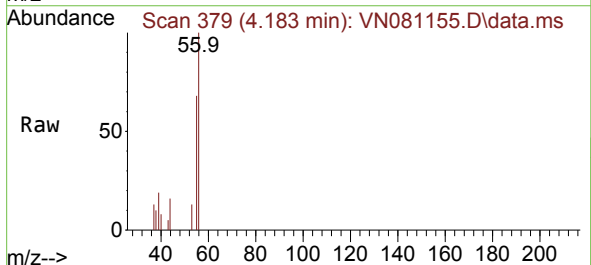
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

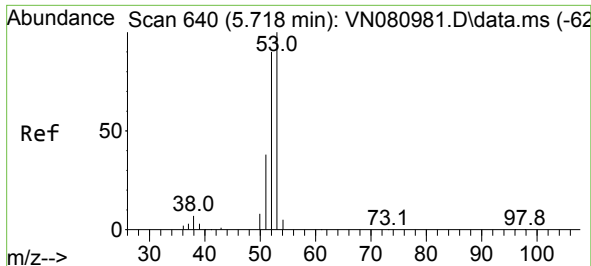
Tgt Ion: 43 Resp: 3850
Ion Ratio Lower Upper
43 100
74 41.0 27.7 41.5



#13
Acrolein
Concen: 15.510 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 56 Resp: 10526
Ion Ratio Lower Upper
56 100
55 43.8 55.5 83.3#

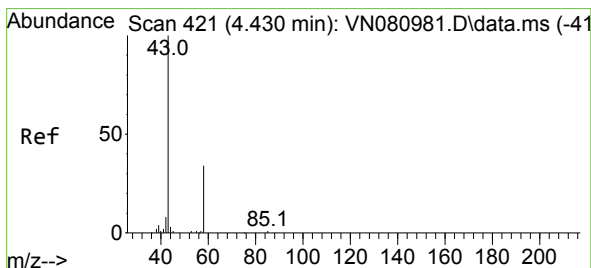
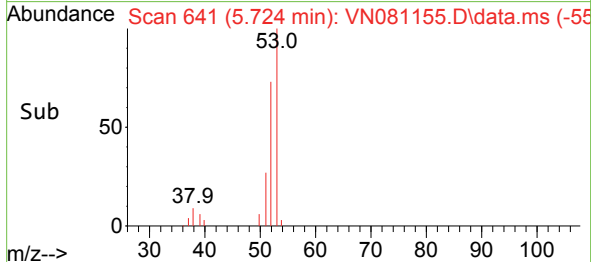
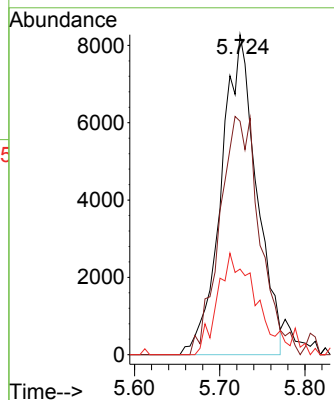
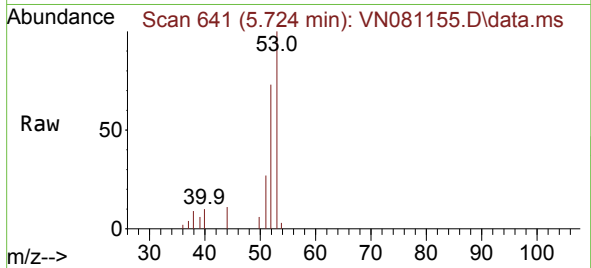




#14
Acrylonitrile
Concen: 15.452 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

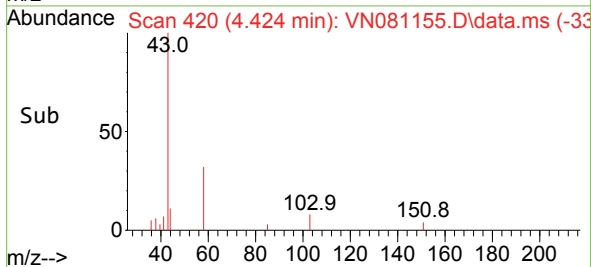
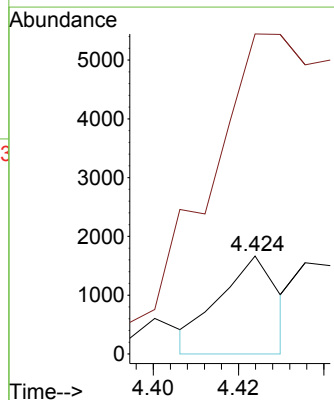
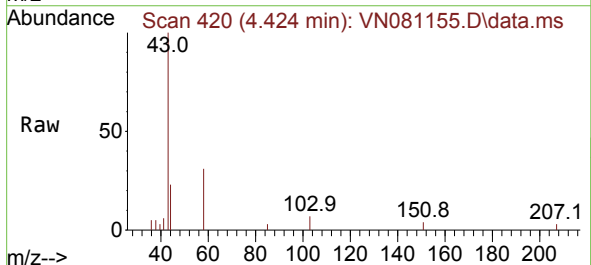
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

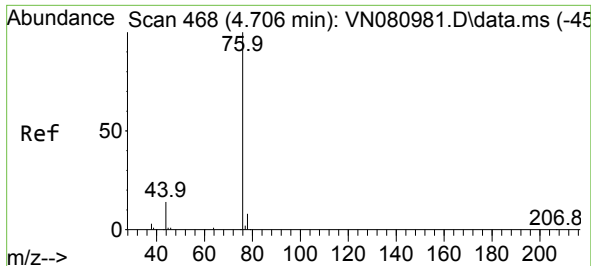
Tgt Ion: 53	Resp: 23878
Ion Ratio	Lower Upper
53 100	
52 54.6	41.3 123.9
51 22.9	16.8 50.3



#15
Acetone
Concen: 4.490 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 58	Resp: 1596
Ion Ratio	Lower Upper
58 100	
43 238.2	223.1 334.7

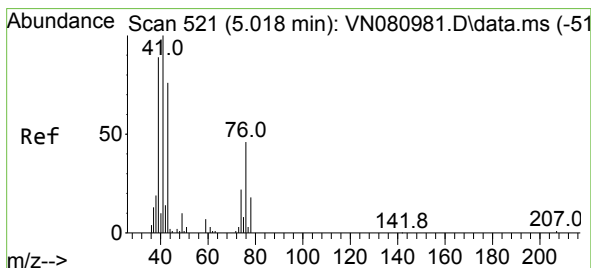
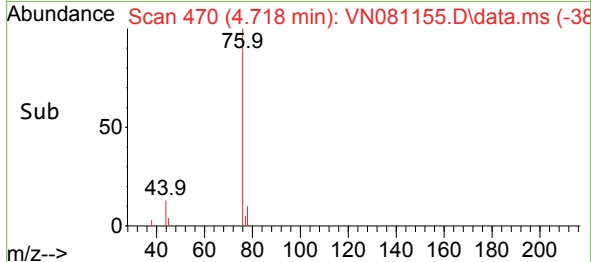
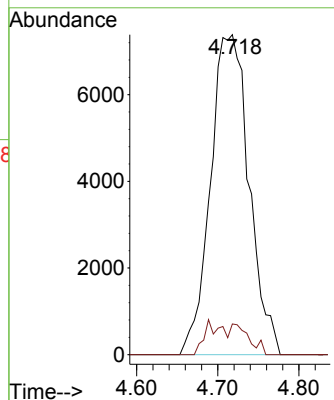
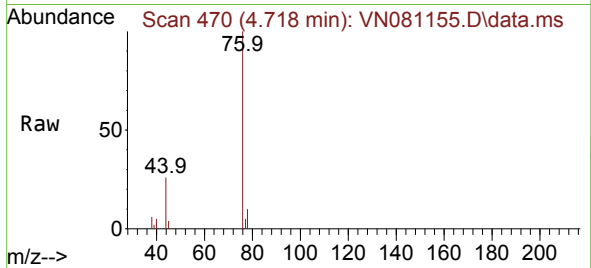




#16
Carbon Disulfide
Concen: 2.582 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

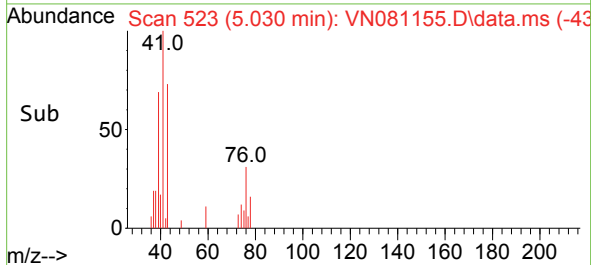
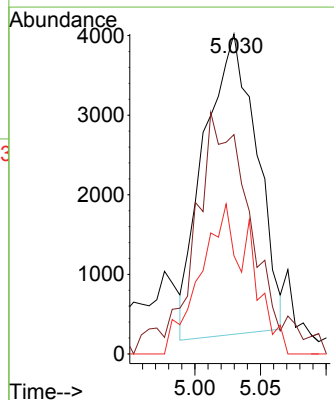
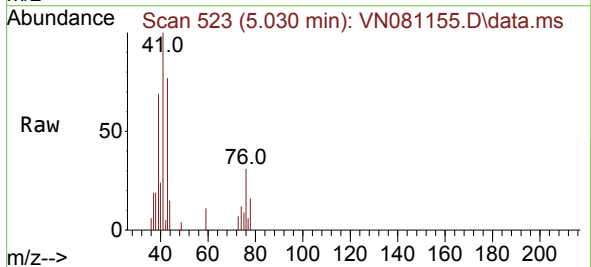
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

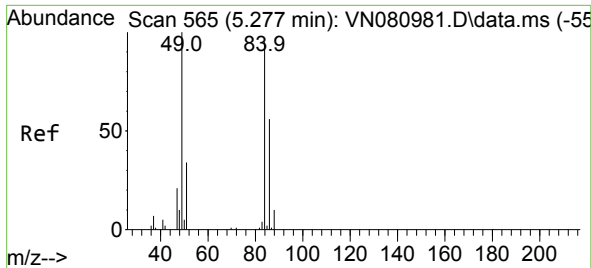
Tgt Ion: 76 Resp: 24336
Ion Ratio Lower Upper
76 100
78 9.6 6.3 9.5#



#17
Allyl chloride
Concen: 2.440 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 41 Resp: 10522
Ion Ratio Lower Upper
41 100
39 75.1 37.6 112.9
76 26.6 27.8 83.4#

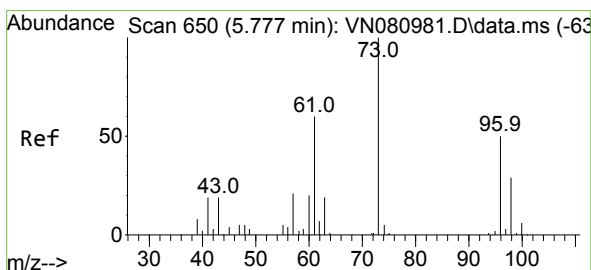
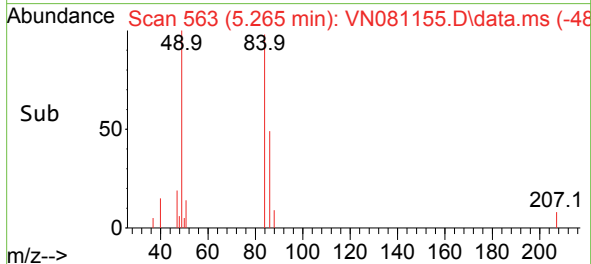
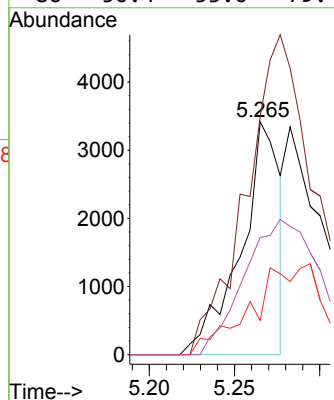
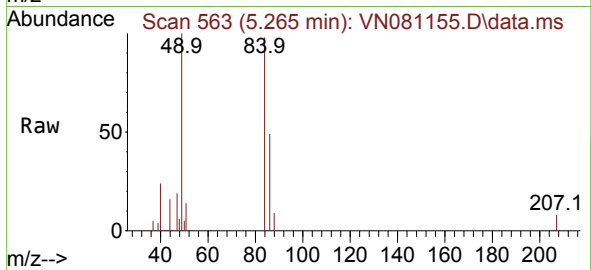




#18
Methylene Chloride
Concen: 1.382 ug/l
RT: 5.265 min Scan# 501
Delta R.T. -0.012 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

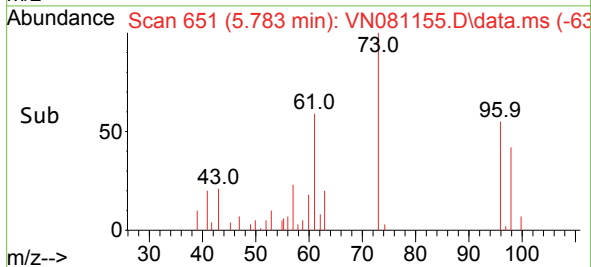
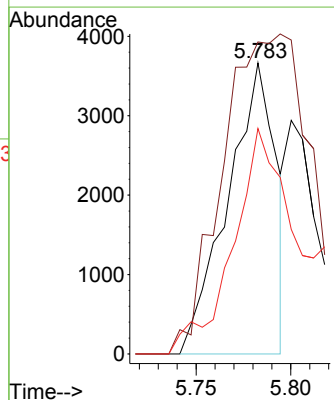
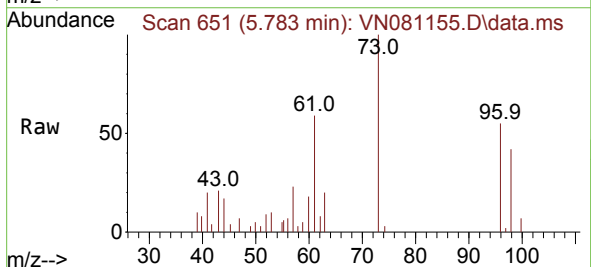
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

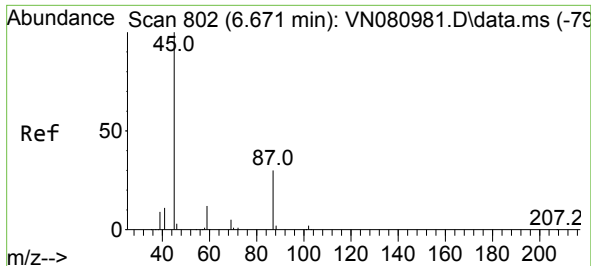
Tgt Ion:	84	Resp:	5425
Ion	Ratio	Lower	Upper
84	100		
49	102.5	86.0	129.0
51	14.7	30.0	45.0#
86	50.4	53.0	79.4#



#19
trans-1,2-Dichloroethene
Concen: 1.663 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

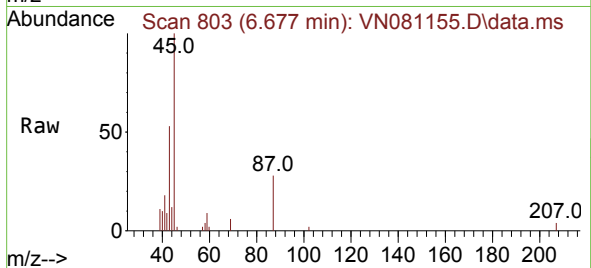
Tgt Ion:	96	Resp:	6482
Ion	Ratio	Lower	Upper
96	100		
61	98.8	111.8	167.6#
98	70.7	49.2	73.8



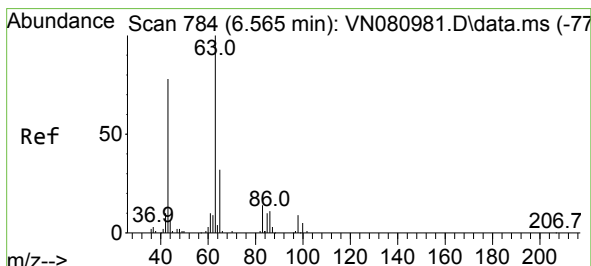
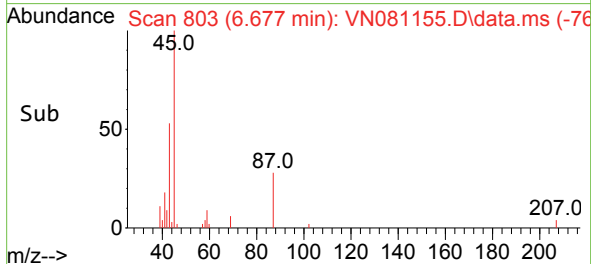
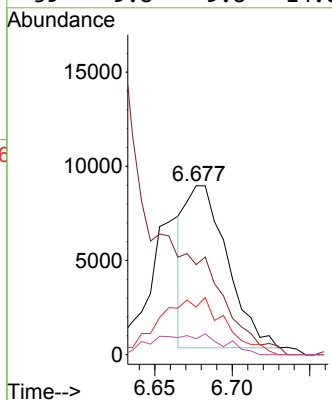


#20
Diisopropyl ether
Concen: 1.562 ug/l
RT: 6.677 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

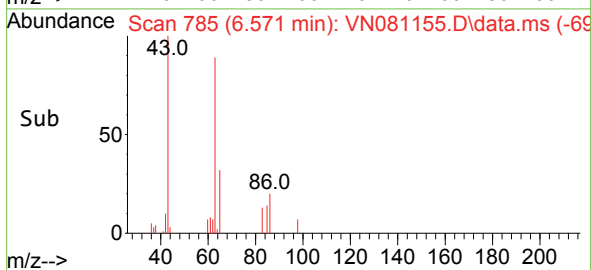
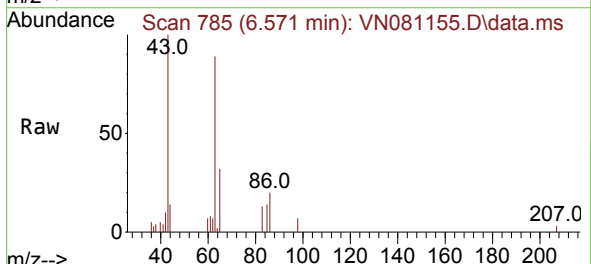
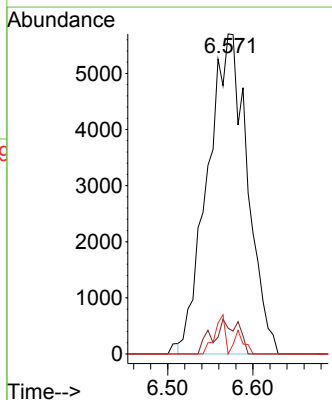


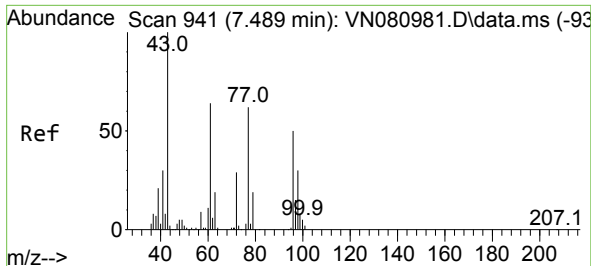
Tgt Ion:	45	Resp:	16194
Ion	Ratio	Lower	Upper
45	100		
43	50.2	40.4	60.6
87	29.5	23.8	35.8
59	9.8	9.8	14.6



#21
1,1-Dichloroethane
Concen: 2.787 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion:	63	Resp:	18512
Ion	Ratio	Lower	Upper
63	100		
98	8.0	4.1	12.3
100	0.0	3.0	9.0

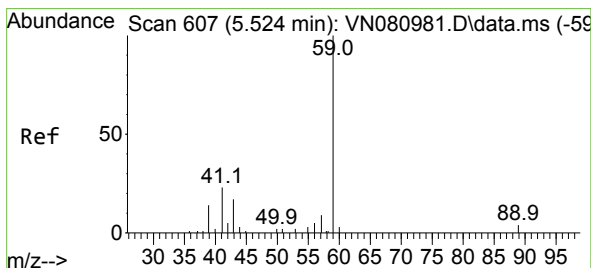
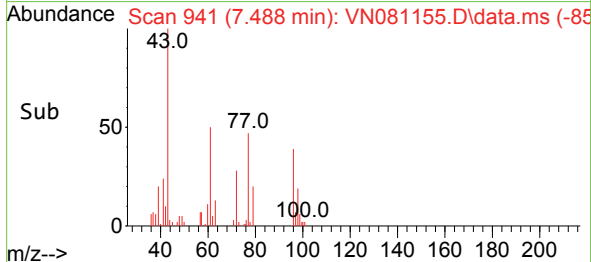
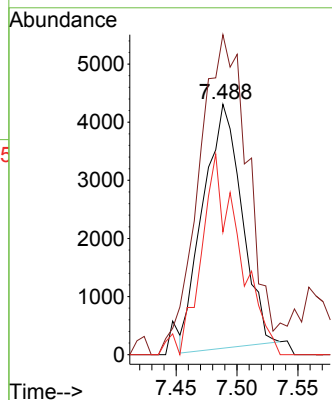
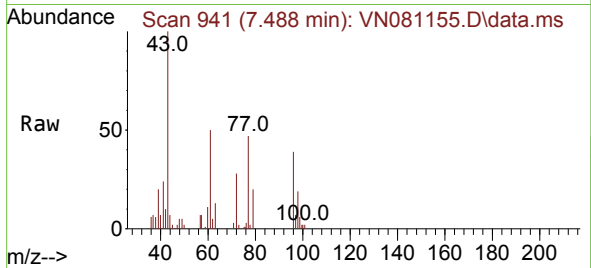




#22
 cis-1,2-Dichloroethene
 Concen: 2.060 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081155.D
 Acq: 23 Feb 2024 11:51

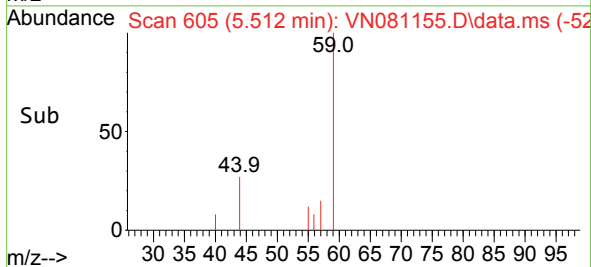
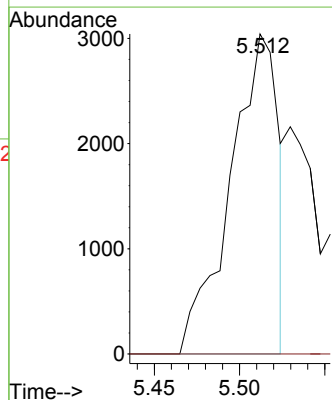
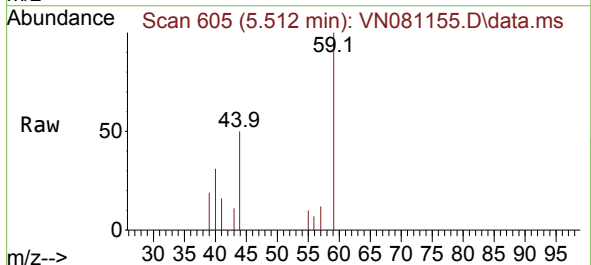
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

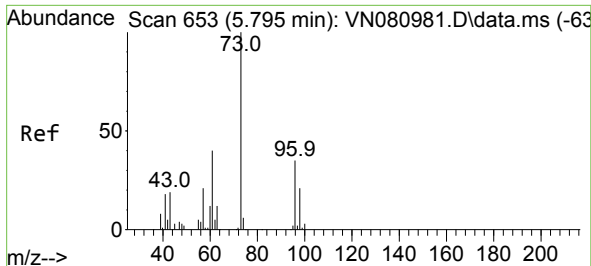
Tgt Ion: 96 Resp: 9330
 Ion Ratio Lower Upper
 96 100
 61 164.9 113.5 170.3
 98 44.1 52.0 78.0#



#23
 tert-Butyl Alcohol
 Concen: 10.555 ug/l
 RT: 5.512 min Scan# 605
 Delta R.T. -0.012 min
 Lab File: VN081155.D
 Acq: 23 Feb 2024 11:51

Tgt Ion: 59 Resp: 5942
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

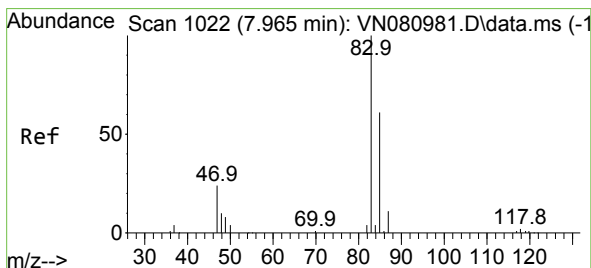
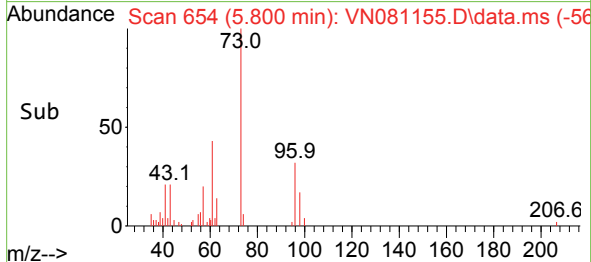
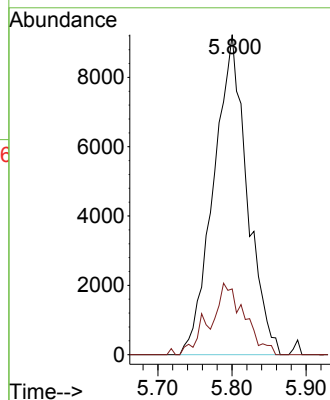
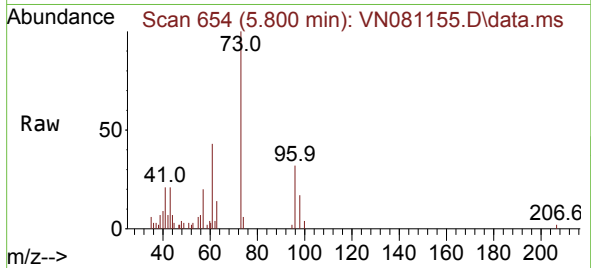




#24
Methyl tert-Butyl Ether
Concen: 2.545 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

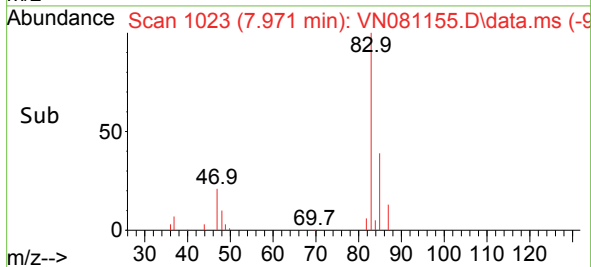
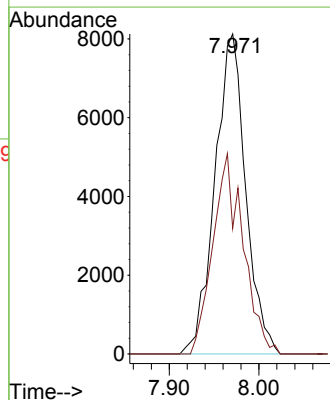
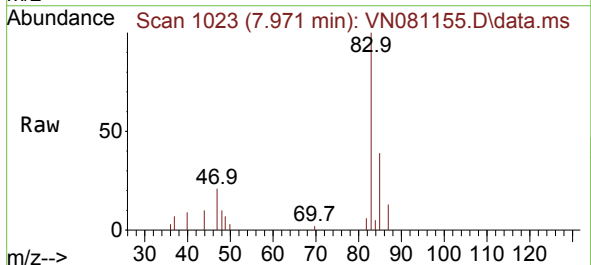
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

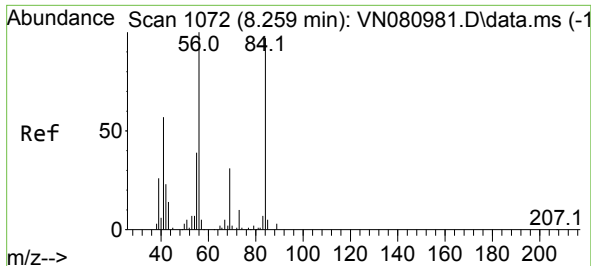
Tgt Ion: 73 Resp: 28970
Ion Ratio Lower Upper
73 100
43 17.0 13.4 20.2



#25
Chloroform
Concen: 2.625 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 83 Resp: 19345
Ion Ratio Lower Upper
83 100
85 39.3 50.9 76.3#

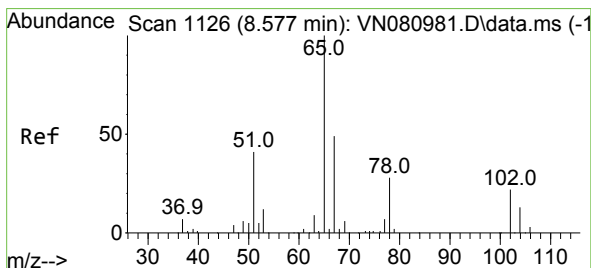
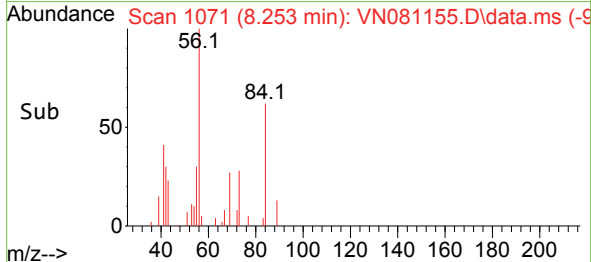
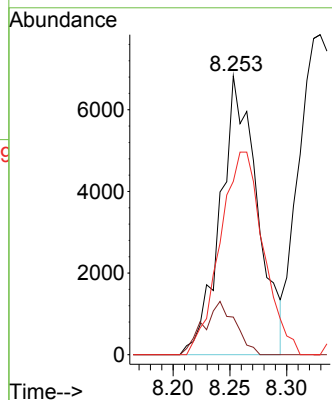
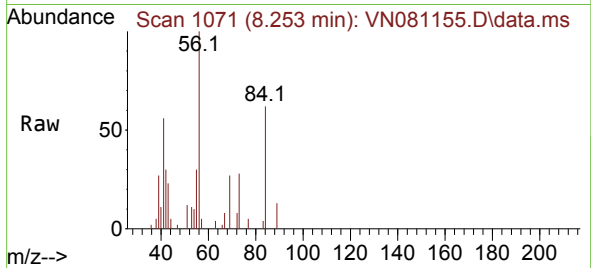




#26
Cyclohexane
Concen: 3.100 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

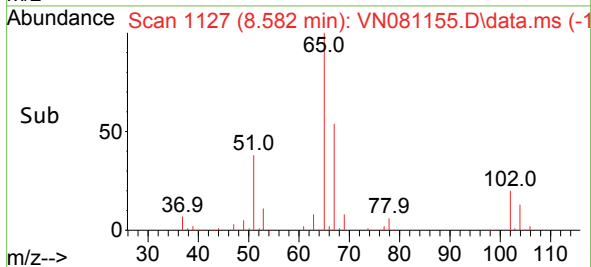
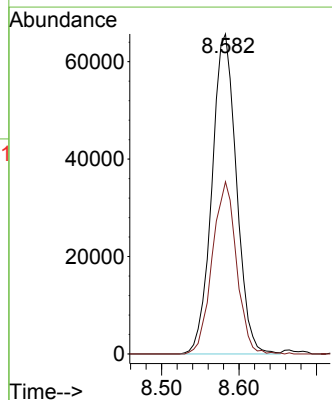
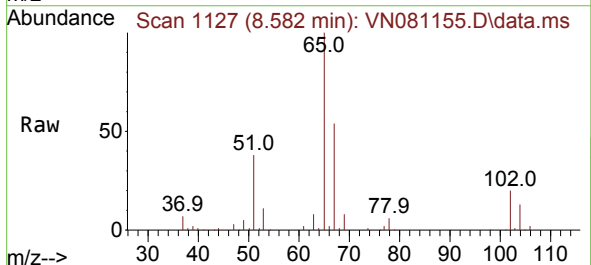
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

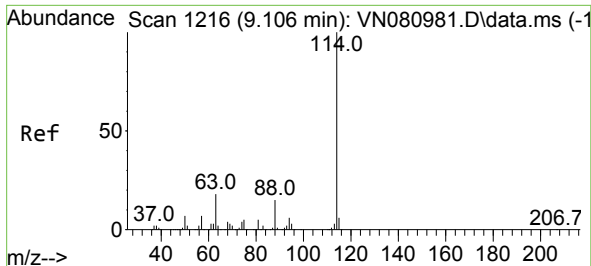
Tgt Ion: 56 Resp: 15509
Ion Ratio Lower Upper
56 100
89 16.4 19.3 28.9#
84 84.6 71.3 106.9



#27
1,2-Dichloroethane-d4
Concen: 31.960 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 65 Resp: 144520
Ion Ratio Lower Upper
65 100
67 53.0 43.2 64.8

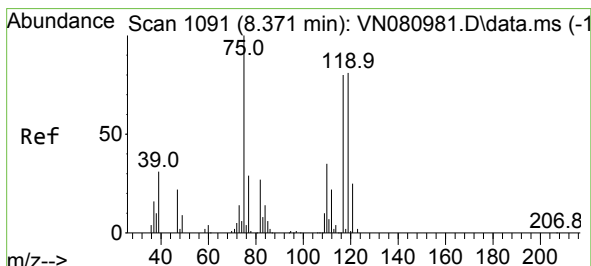
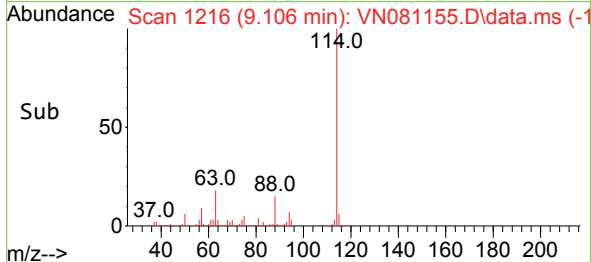
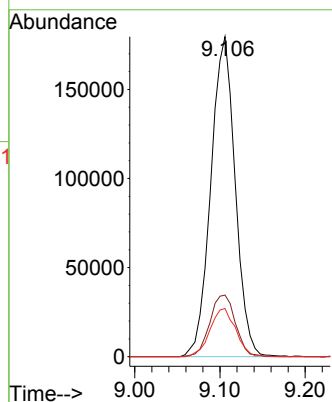
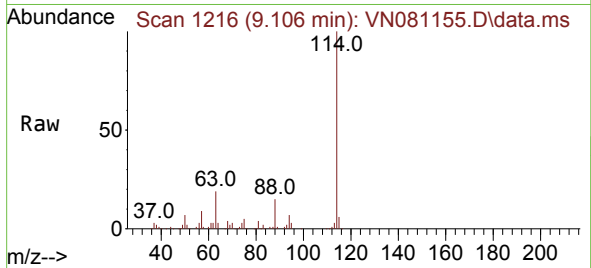




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

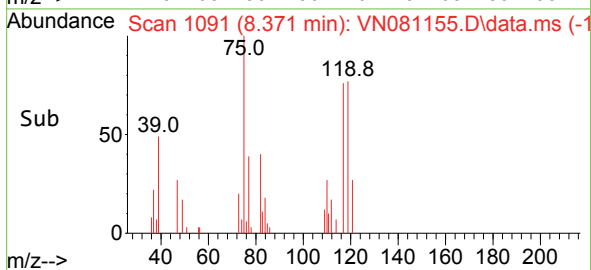
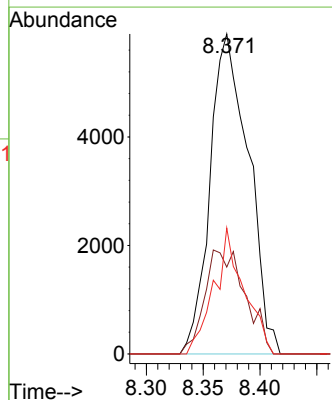
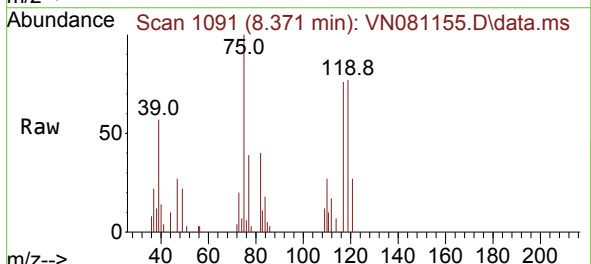
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

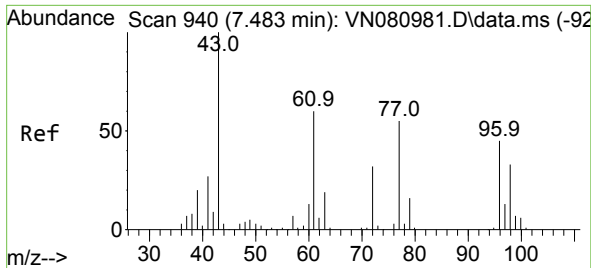
Tgt Ion:114 Resp: 356380
Ion Ratio Lower Upper
114 100
63 20.3 15.9 23.9
88 15.8 12.7 19.1



#29
1,1-Dichloropropene
Concen: 2.613 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 75 Resp: 13872
Ion Ratio Lower Upper
75 100
110 19.7 0.0 70.2
77 30.8 0.0 61.4

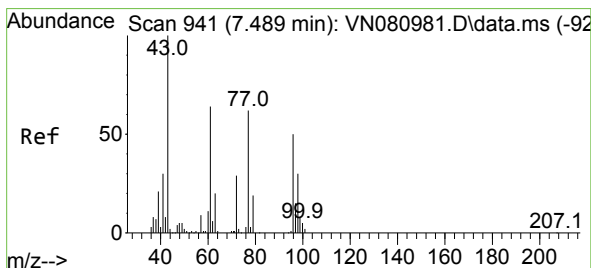
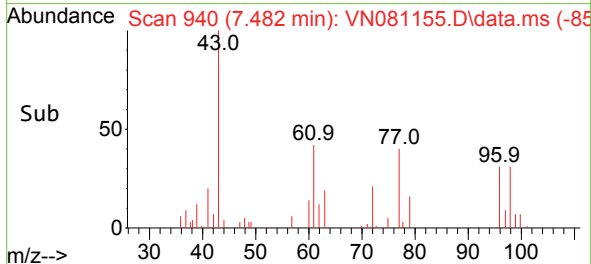
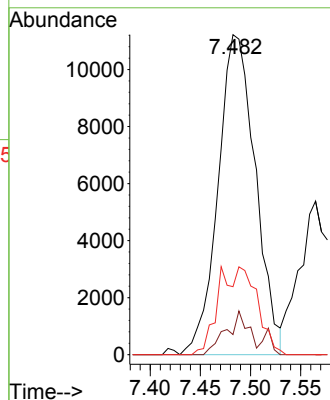
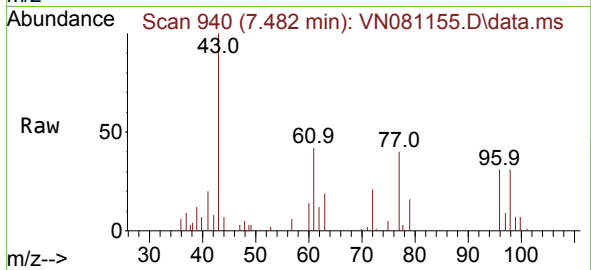




#30
2-Butanone
Concen: 14.911 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

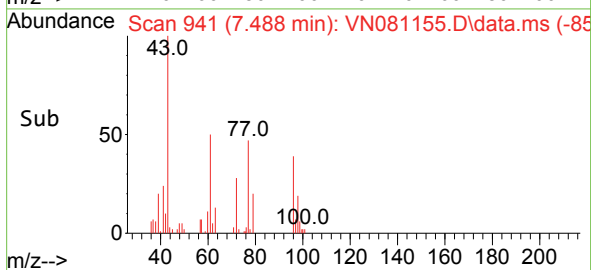
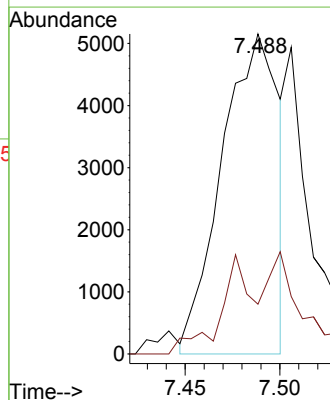
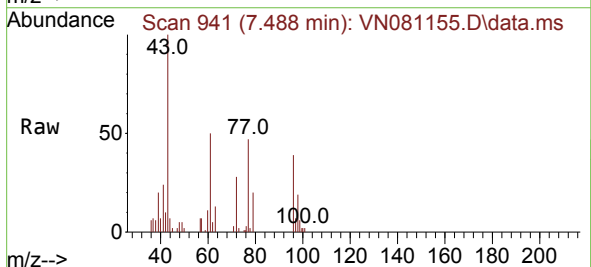
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

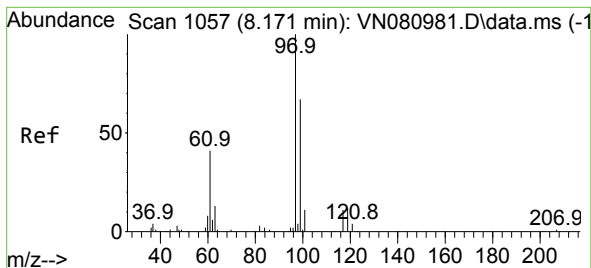
Tgt Ion: 43 Resp: 29042
Ion Ratio Lower Upper
43 100
57 4.4 6.7 10.1#
72 15.8 24.0 36.0#



#31
2,2-Dichloropropane
Concen: 1.770 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 77 Resp: 10696
Ion Ratio Lower Upper
77 100
97 13.8 18.3 27.5#





#32

1,1,1-Trichloroethane

Concen: 1.031 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

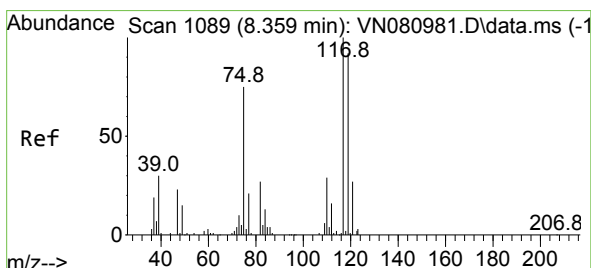
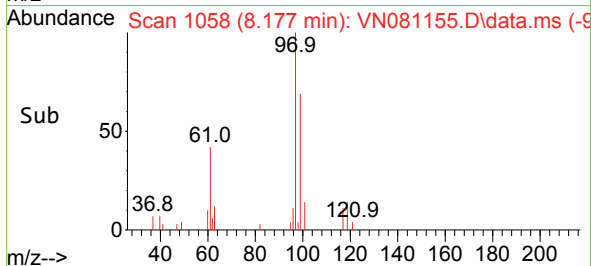
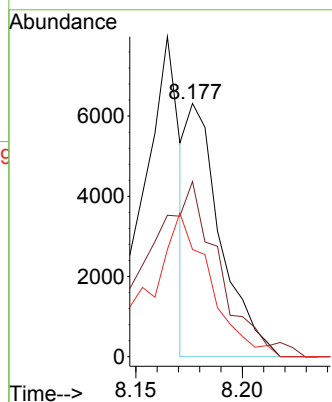
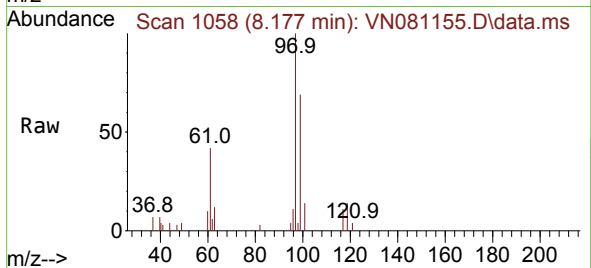
Tgt Ion: 97 Resp: 6882

Ion Ratio Lower Upper

97 100

99 149.0 51.0 76.4#

61 74.5 33.8 50.8#



#33

Carbon Tetrachloride

Concen: 2.512 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

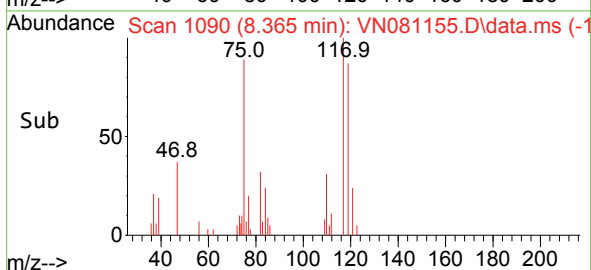
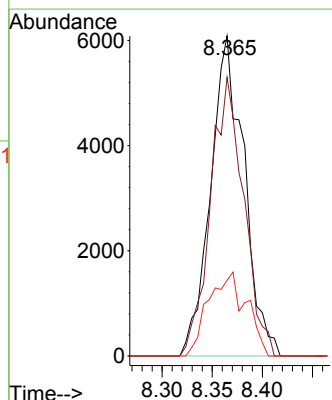
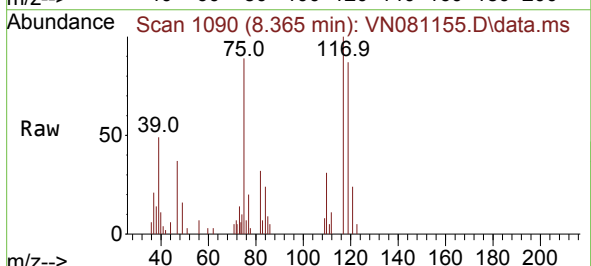
Tgt Ion: 117 Resp: 14132

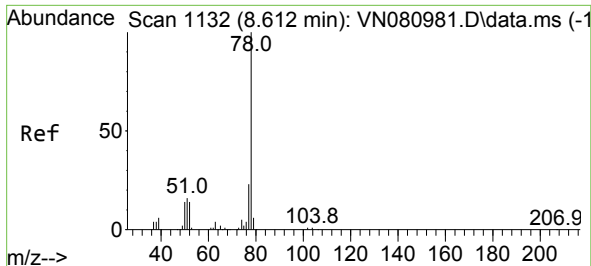
Ion Ratio Lower Upper

117 100

119 87.1 77.7 116.5

121 23.7 27.0 40.6#

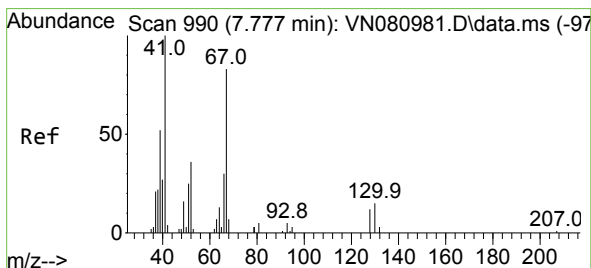
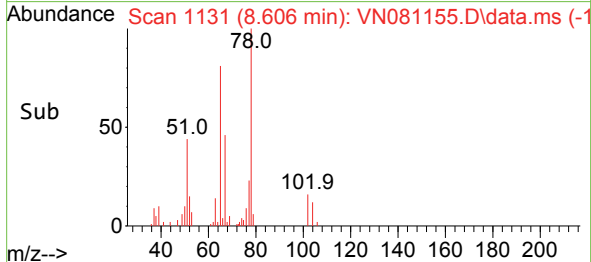
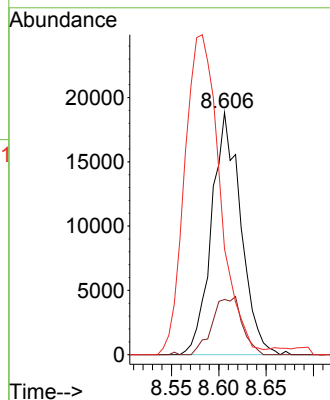
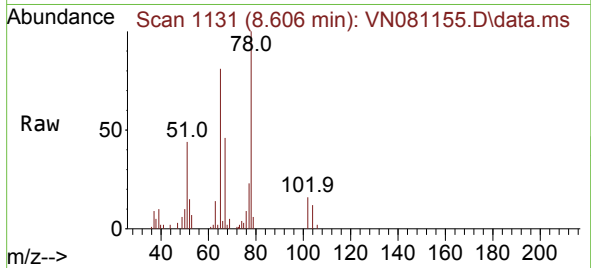




#34
Benzene
Concen: 2.486 ug/l
RT: 8.606 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

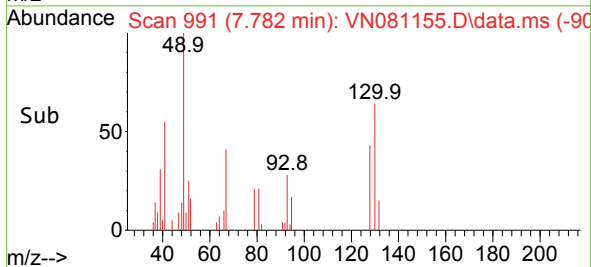
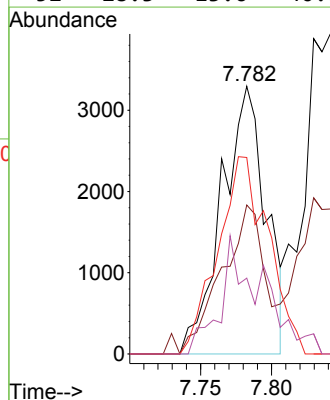
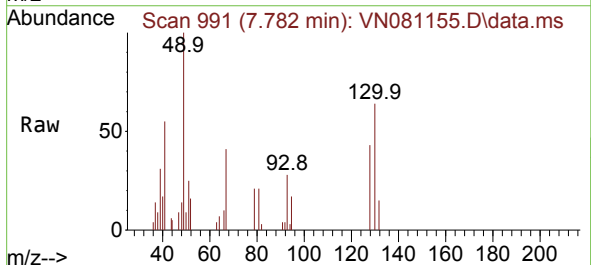
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

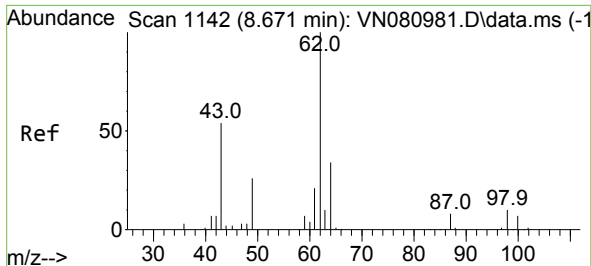
Tgt Ion: 78 Resp: 40332
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8
51 41.0 13.3 19.9#



#35
Methacrylonitrile
Concen: 3.109 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 41 Resp: 7117
Ion Ratio Lower Upper
41 100
39 55.6 25.3 75.9
67 73.4 38.7 116.1
52 28.3 13.6 40.8

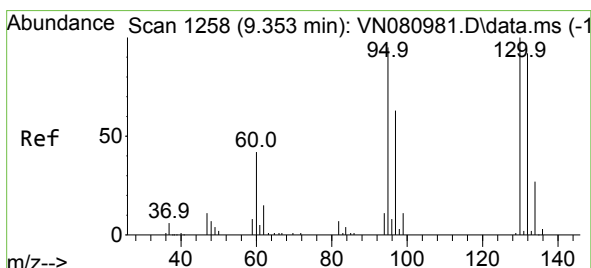
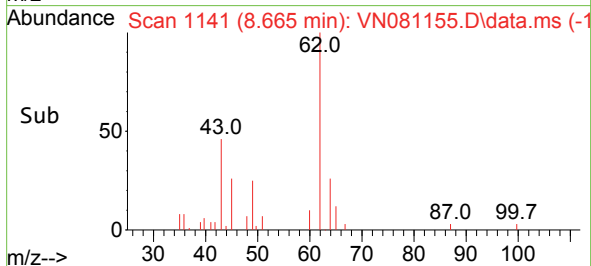
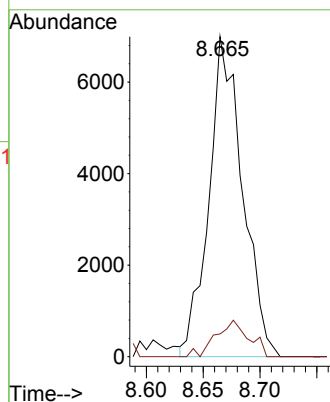
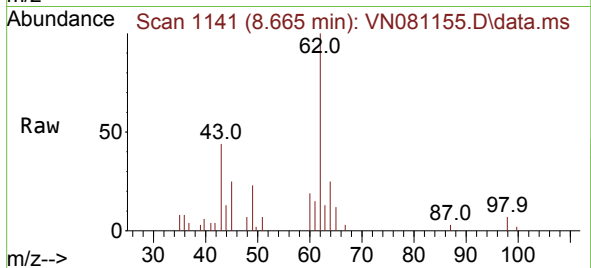




#36
1,2-Dichloroethane
Concen: 2.645 ug/l
RT: 8.665 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

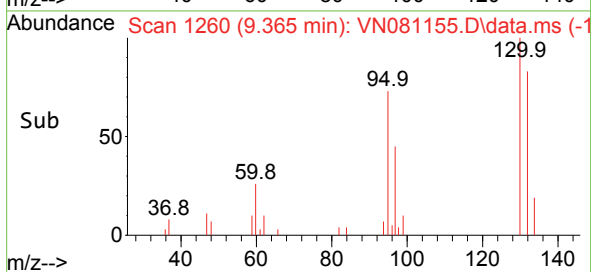
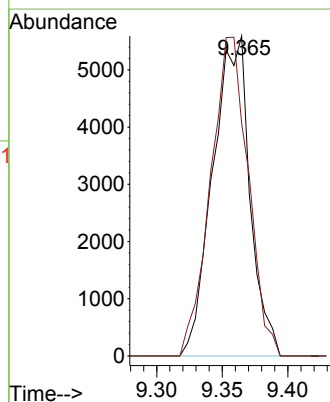
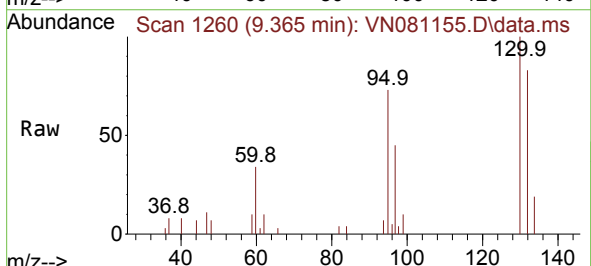
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

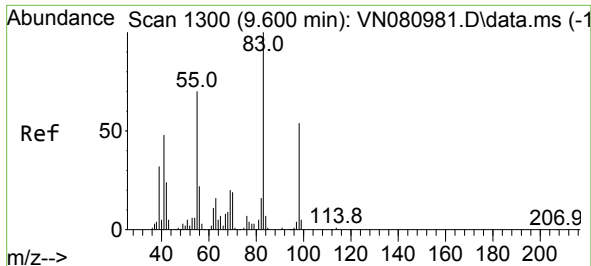
Tgt Ion: 62 Resp: 14398
Ion Ratio Lower Upper
62 100
98 9.6 8.2 12.4



#37
Trichloroethene
Concen: 2.547 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion:130 Resp: 10984
Ion Ratio Lower Upper
130 100
95 72.7 80.2 120.4#

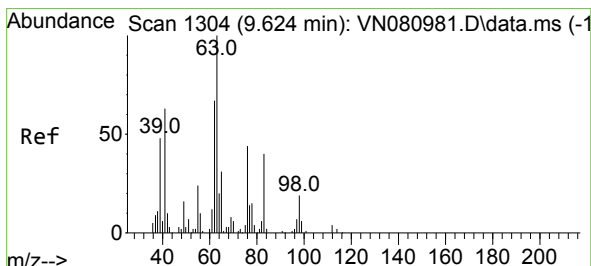
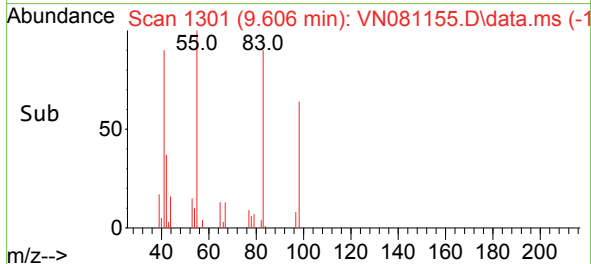
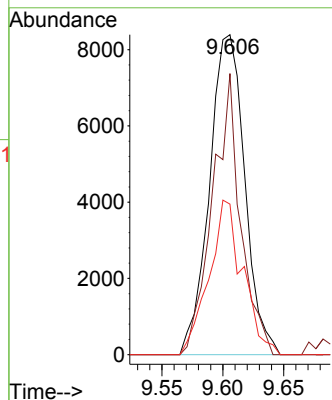
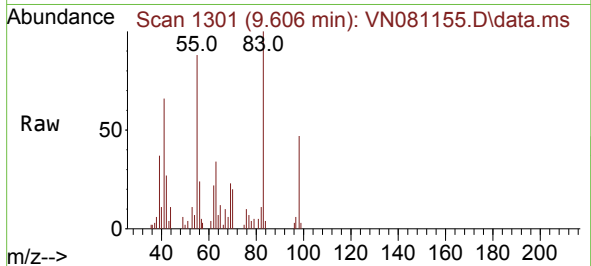




#38
Methylcyclohexane
Concen: 3.196 ug/l
RT: 9.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

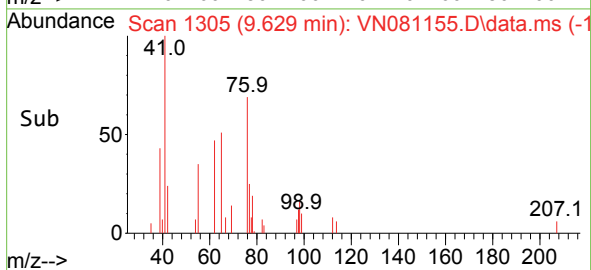
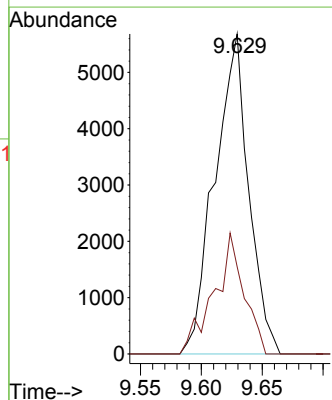
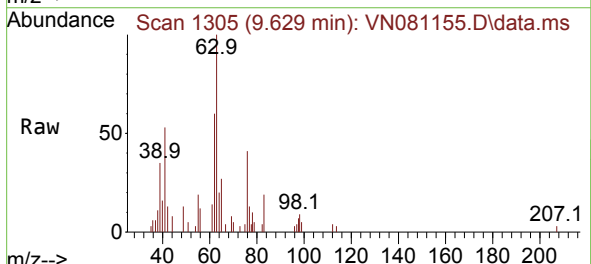
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

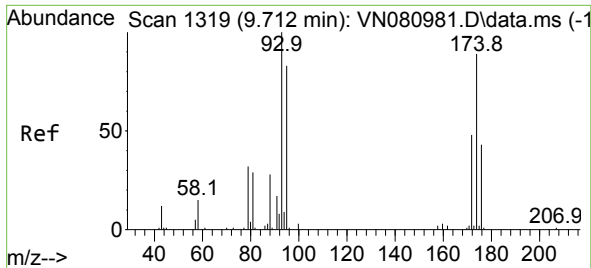
Tgt Ion:	83	Resp:	16932
Ion	Ratio	Lower	Upper
83	100		
55	70.1	36.6	109.9
98	46.3	23.8	71.5



#39
1,2-Dichloropropane
Concen: 2.857 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion:	63	Resp:	10994
Ion	Ratio	Lower	Upper
63	100		
65	27.3	25.0	37.4

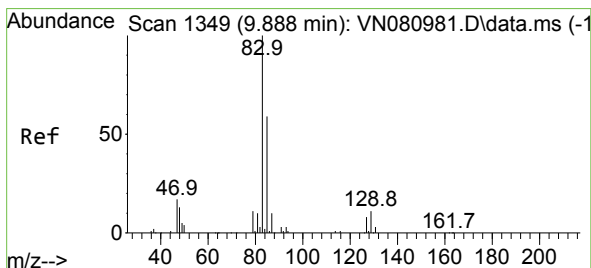
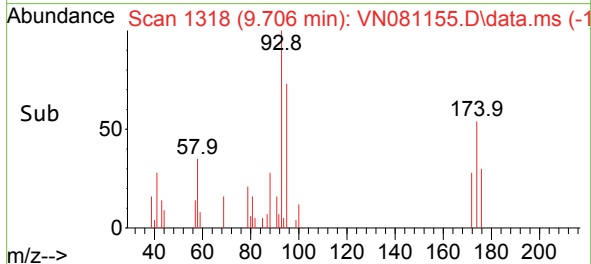
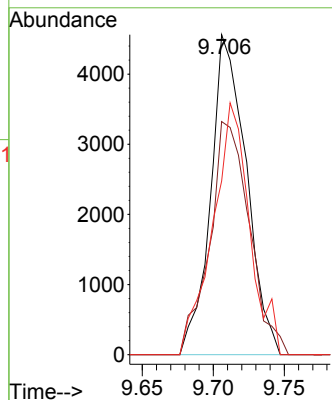
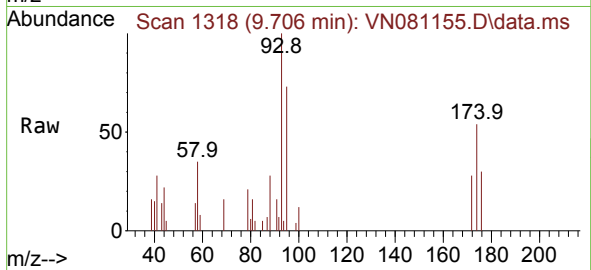




#40
Dibromomethane
Concen: 2.708 ug/l
RT: 9.706 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

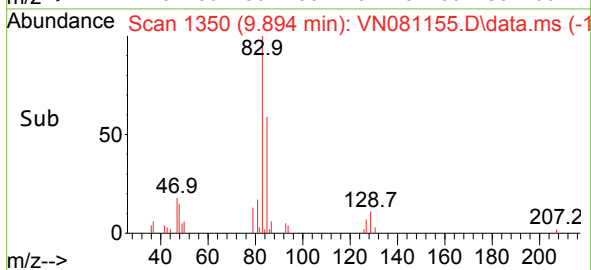
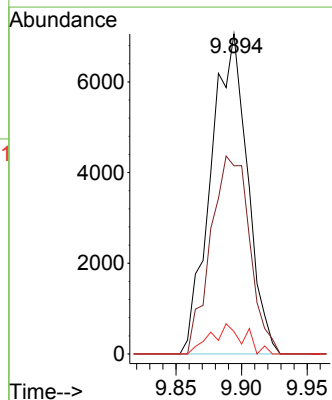
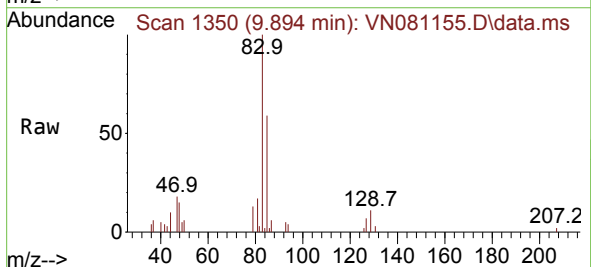
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

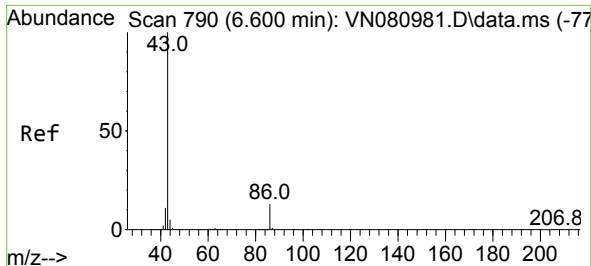
Tgt Ion: 93 Resp: 7927
Ion Ratio Lower Upper
93 100
95 81.5 0.0 164.6
174 81.2 0.0 193.2



#41
Bromodichloromethane
Concen: 2.395 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 83 Resp: 13722
Ion Ratio Lower Upper
83 100
85 58.8 49.4 74.2
127 7.0 7.3 10.9#

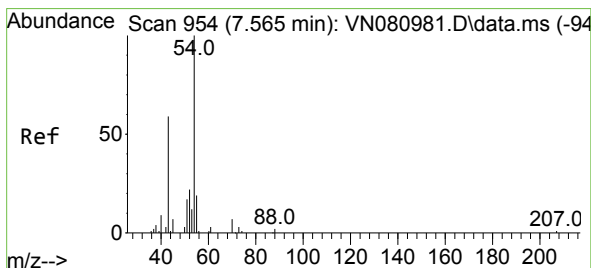
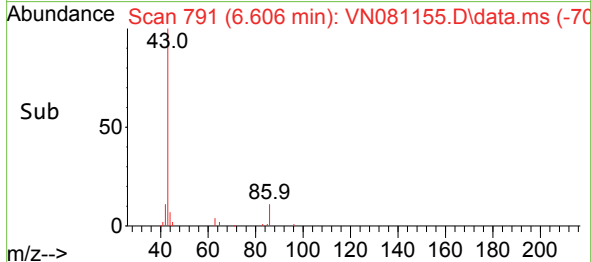
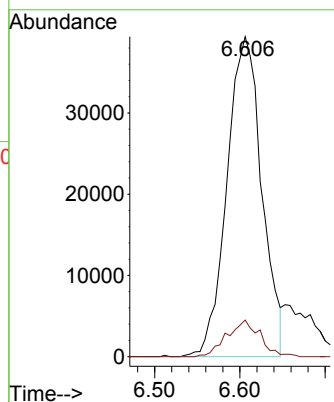
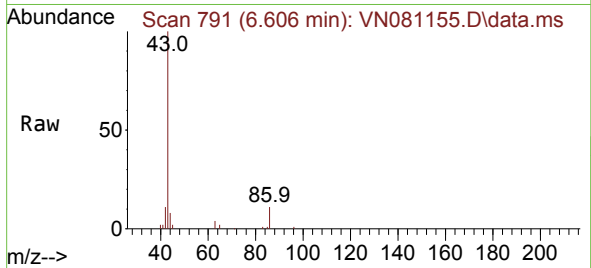




#42
 Vinyl Acetate
 Concen: 13.438 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081155.D
 Acq: 23 Feb 2024 11:51

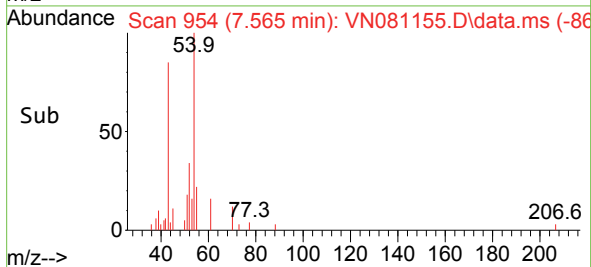
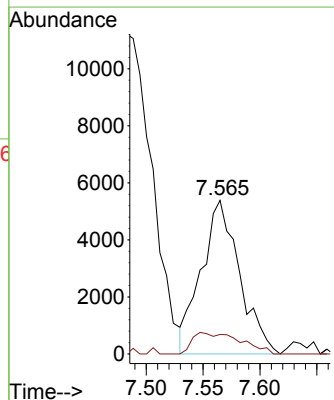
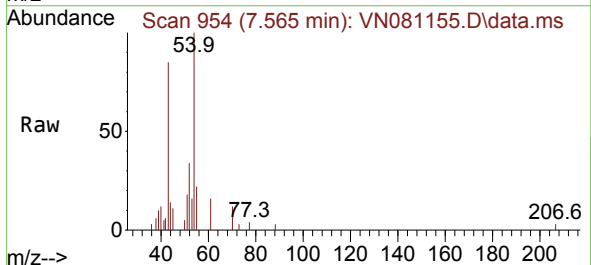
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

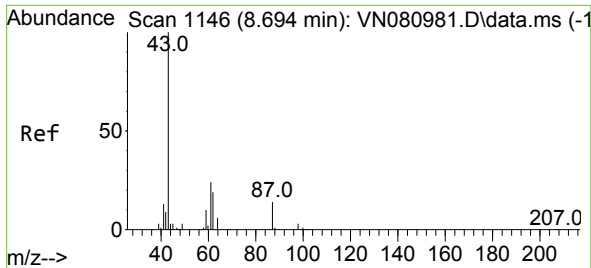
Tgt Ion: 43 Resp: 111952
 Ion Ratio Lower Upper
 43 100
 86 8.6 9.4 14.2#



#43
 Ethyl Acetate
 Concen: 3.107 ug/l
 RT: 7.565 min Scan# 954
 Delta R.T. -0.000 min
 Lab File: VN081155.D
 Acq: 23 Feb 2024 11:51

Tgt Ion: 43 Resp: 12604
 Ion Ratio Lower Upper
 43 100
 45 8.0 10.6 15.8#

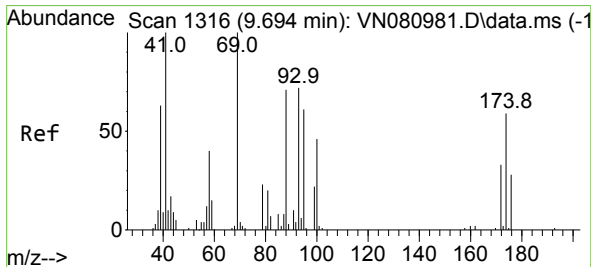
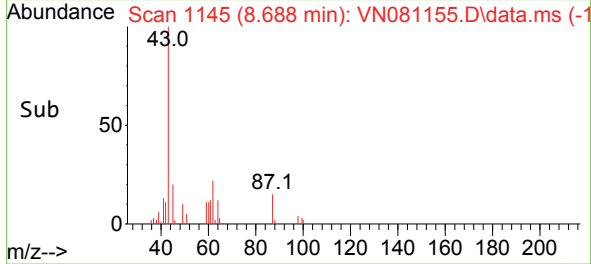
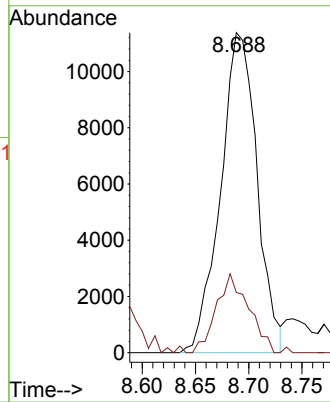
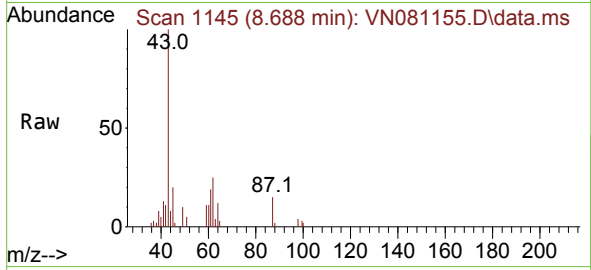




#44
Isopropyl Acetate
Concen: 3.717 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

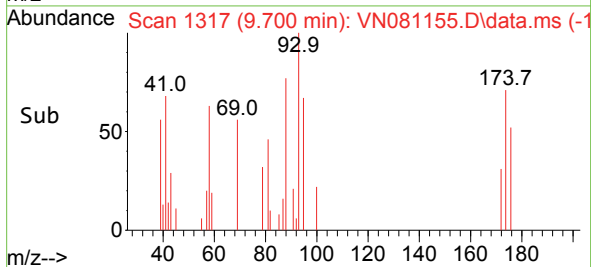
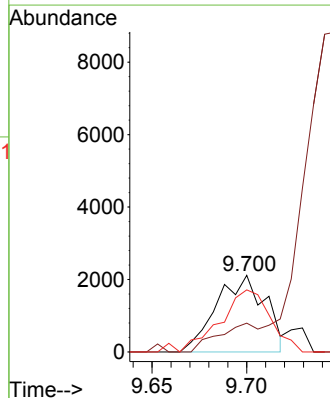
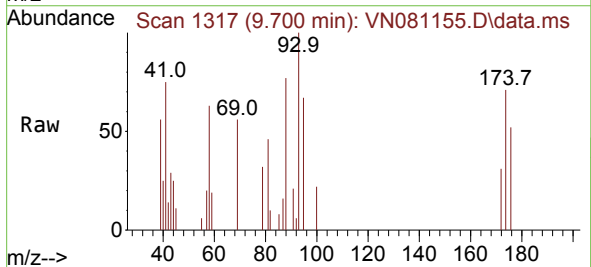
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

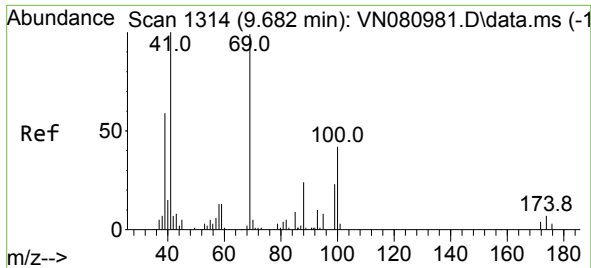
Tgt Ion: 43 Resp: 27090
Ion Ratio Lower Upper
43 100
61 21.9 25.0 37.4#



#45
1,4-Dioxane
Concen: 55.172 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 88 Resp: 3814
Ion Ratio Lower Upper
88 100
43 31.1 19.8 29.6#
58 82.2 55.4 83.0





#46

Methyl methacrylate

Concen: 2.506 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

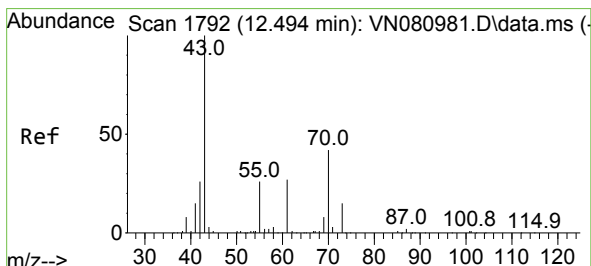
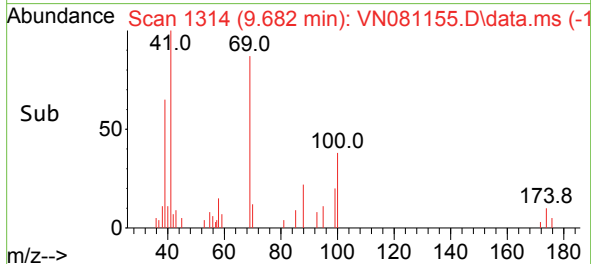
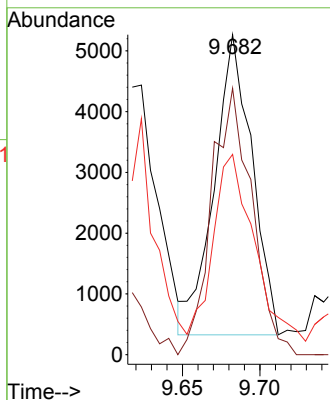
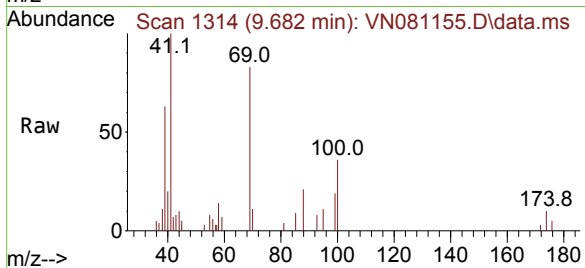
Tgt Ion: 41 Resp: 8359

Ion Ratio Lower Upper

41 100

69 88.8 51.1 153.3

39 55.7 25.8 77.3



#47

n-amy1 Acetate

Concen: 2.642 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN081155.D

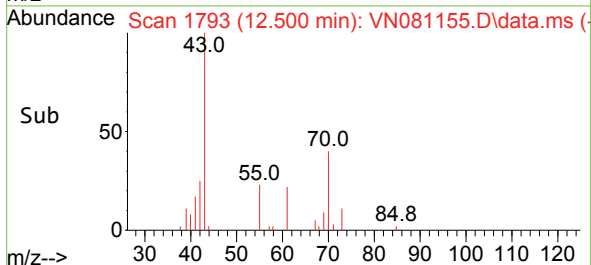
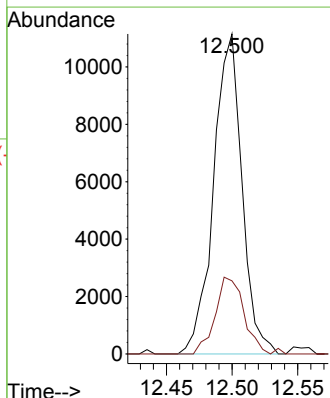
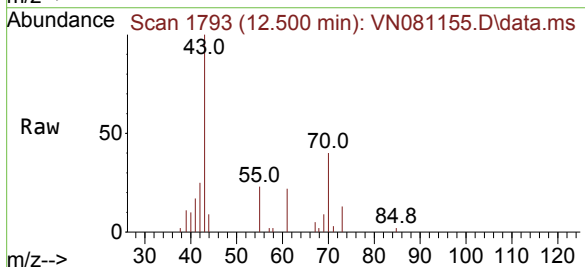
Acq: 23 Feb 2024 11:51

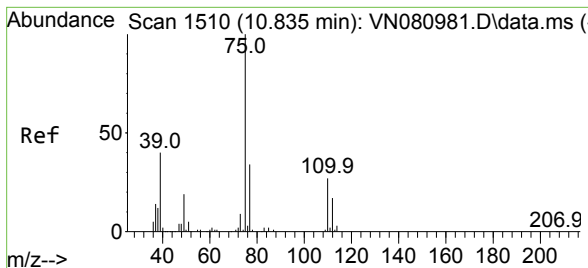
Tgt Ion: 43 Resp: 16794

Ion Ratio Lower Upper

43 100

55 24.1 23.4 35.2





#48

t-1,3-Dichloropropene

Concen: 2.399 ug/l

RT: 10.841 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

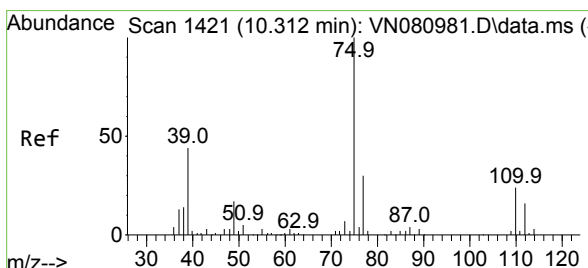
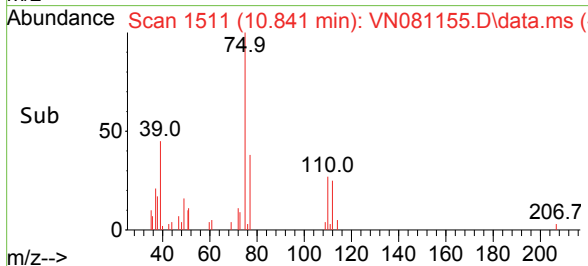
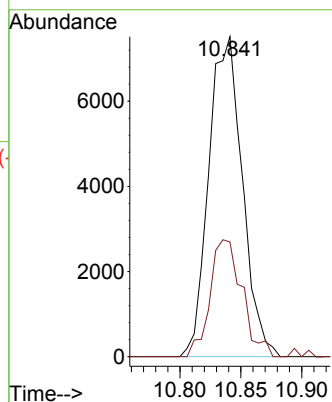
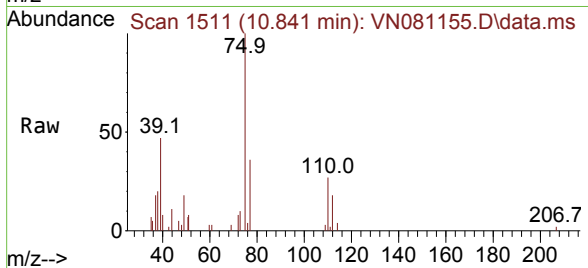
MDL-WATER-03-QT1-2024

Tgt Ion: 75 Resp: 14407

Ion Ratio Lower Upper

75 100

77 35.9 23.8 35.6#



#49

cis-1,3-Dichloropropene

Concen: 2.377 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

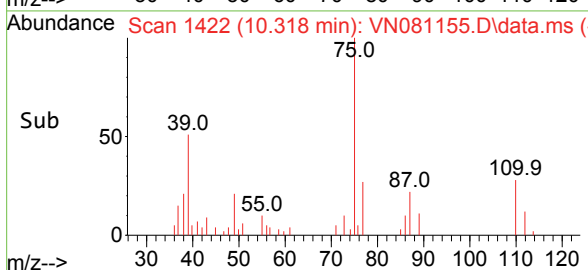
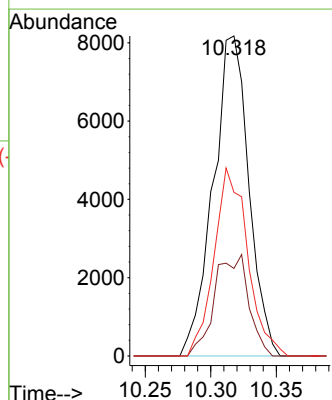
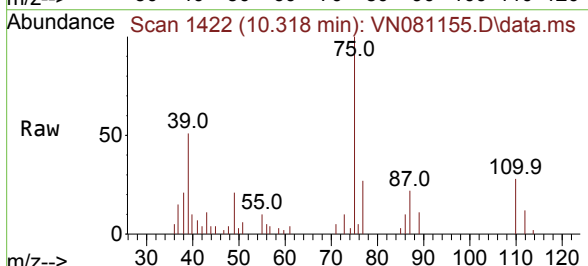
Tgt Ion: 75 Resp: 15469

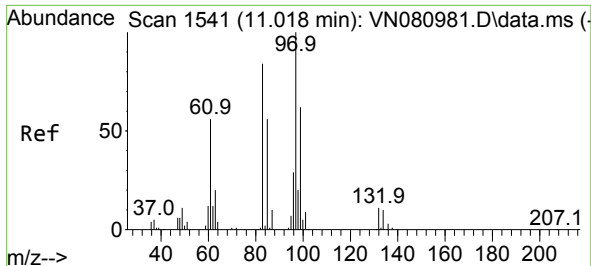
Ion Ratio Lower Upper

75 100

77 27.4 24.9 37.3

39 51.1 31.0 46.6#

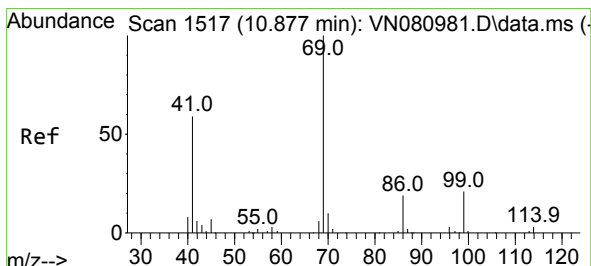
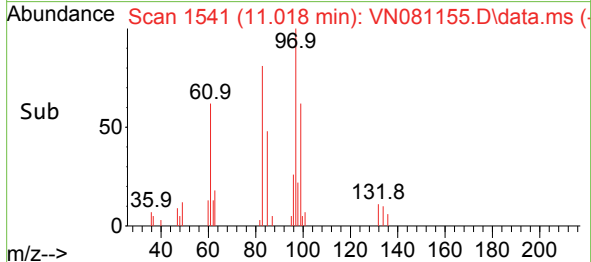
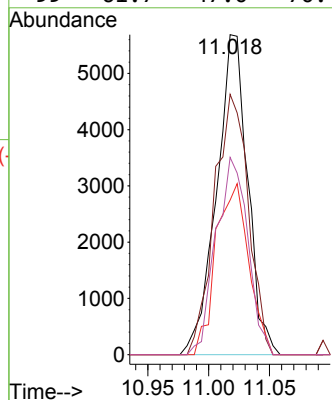
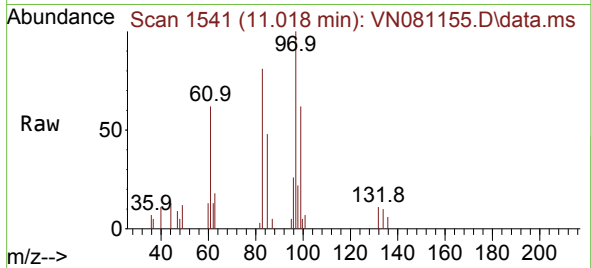




#50
1,1,2-Trichloroethane
Concen: 2.502 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

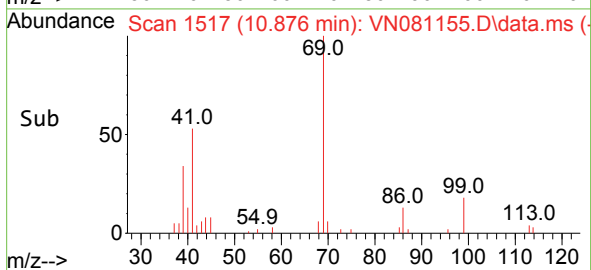
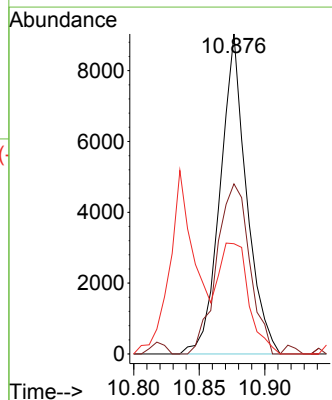
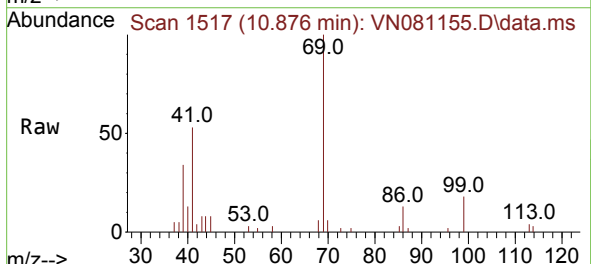
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

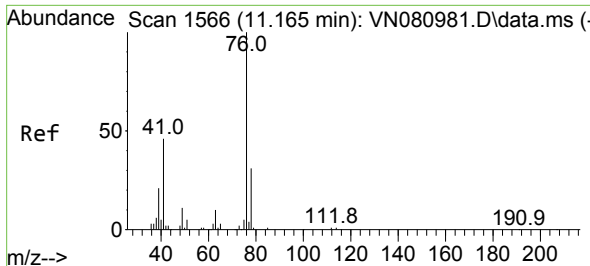
Tgt Ion:	97	Resp:	10135
Ion	Ratio	Lower	Upper
97	100		
83	81.4	68.1	102.1
85	48.3	41.8	62.6
99	61.7	47.0	70.4



#51
Ethyl methacrylate
Concen: 2.231 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion:	69	Resp:	12629
Ion	Ratio	Lower	Upper
69	100		
41	53.2	25.5	76.5
39	34.4	16.0	47.9

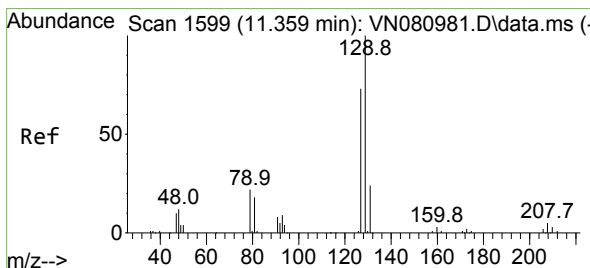
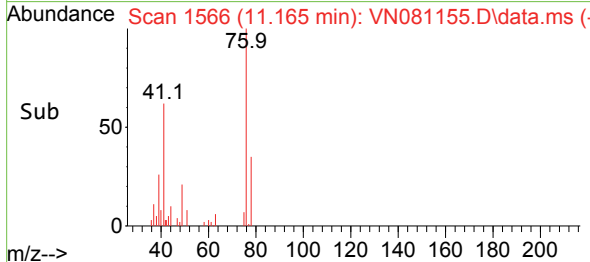
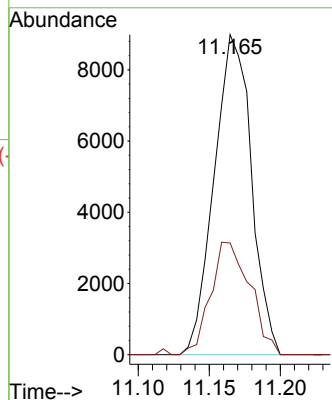
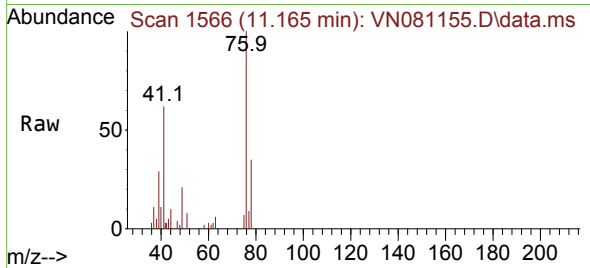




#52
1,3-Dichloropropane
Concen: 2.448 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

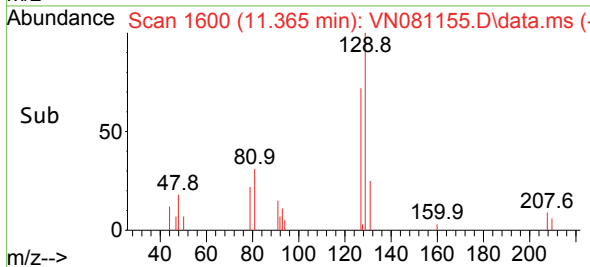
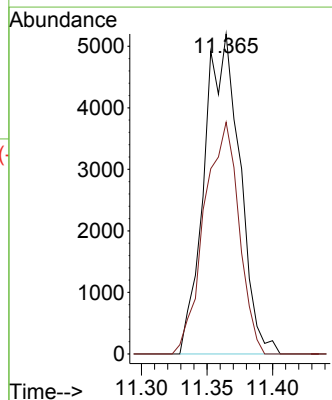
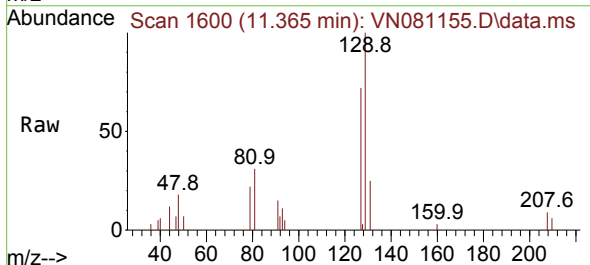
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

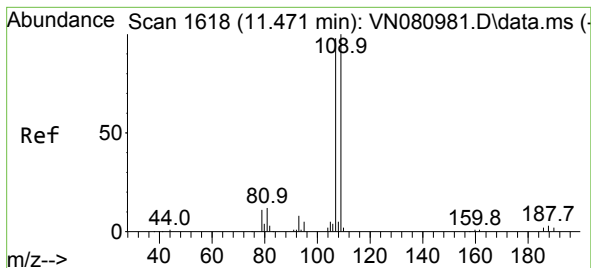
Tgt Ion: 76 Resp: 16377
Ion Ratio Lower Upper
76 100
78 37.1 0.0 65.8



#53
Dibromochloromethane
Concen: 2.219 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 129 Resp: 9796
Ion Ratio Lower Upper
129 100
127 70.7 39.4 118.1





#54

1,2-Dibromoethane

Concen: 2.355 ug/l

RT: 11.476 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

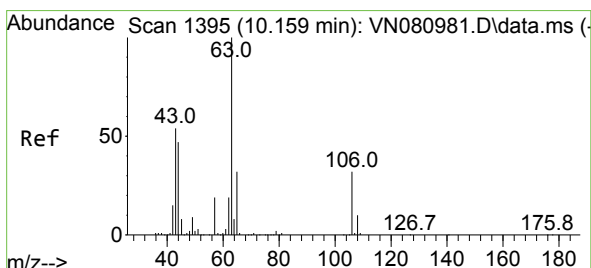
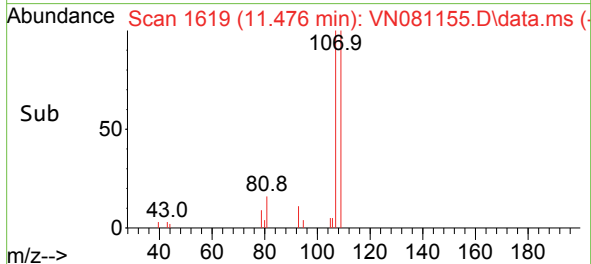
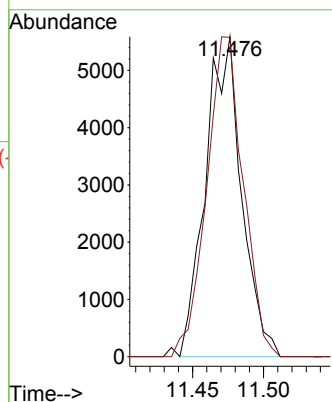
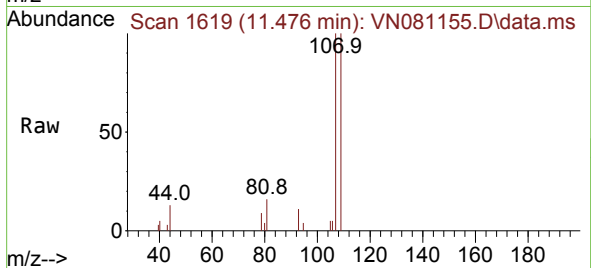
MDL-WATER-03-QT1-2024

Tgt Ion:107 Resp: 9868

Ion Ratio Lower Upper

107 100

109 101.5 74.7 112.1



#55

2-Chloroethyl vinyl ether

Concen: 11.721 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

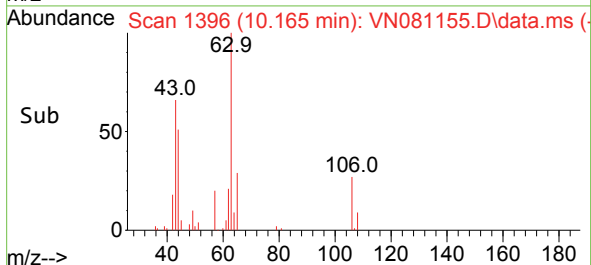
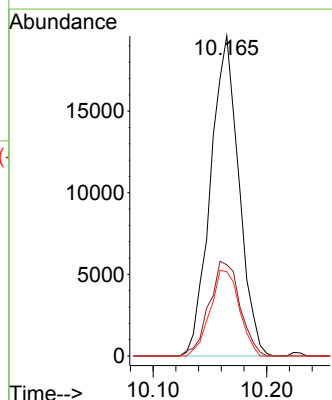
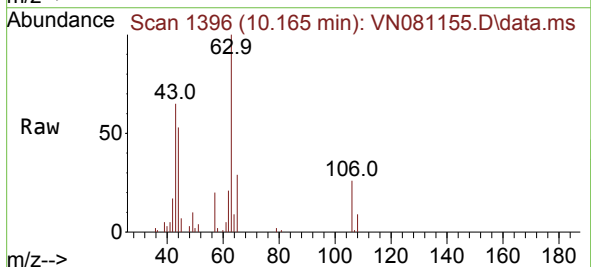
Tgt Ion: 63 Resp: 34006

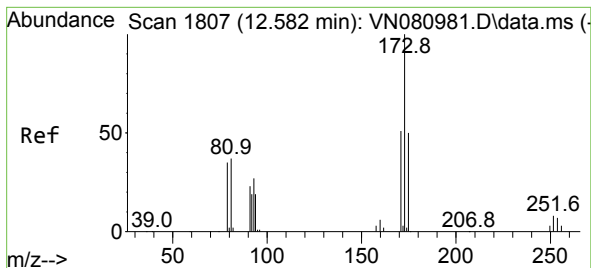
Ion Ratio Lower Upper

63 100

65 32.0 26.2 39.2

106 27.4 23.8 35.8





#56

Bromoform

Concen: 1.892 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

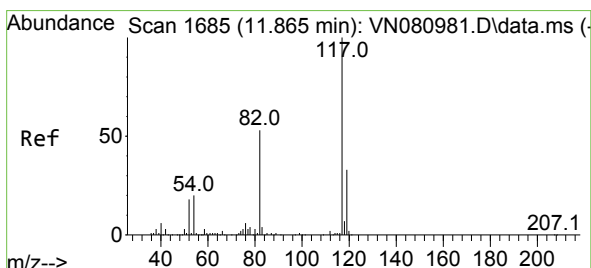
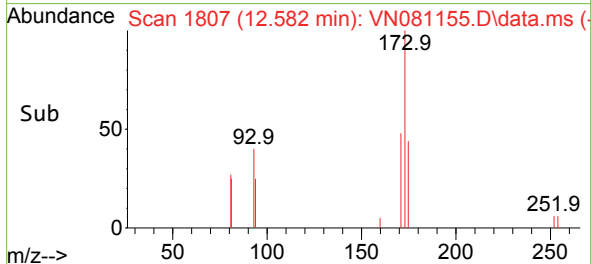
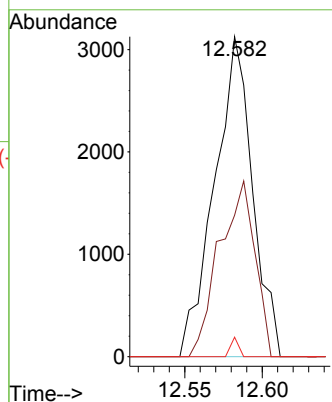
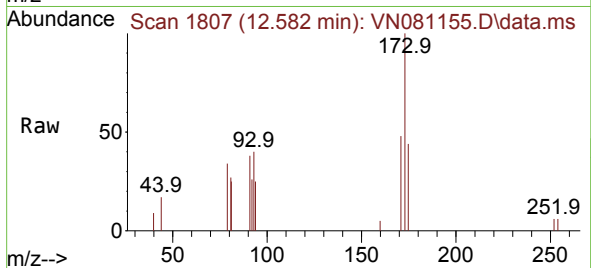
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:	173	Resp:	5319
Ion Ratio	Lower	Upper	
173	100		
175	51.5	40.0	60.0
254	0.0	8.3	12.5#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

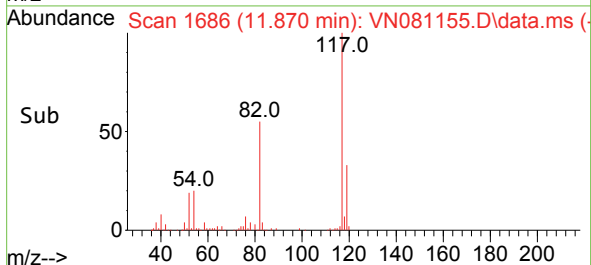
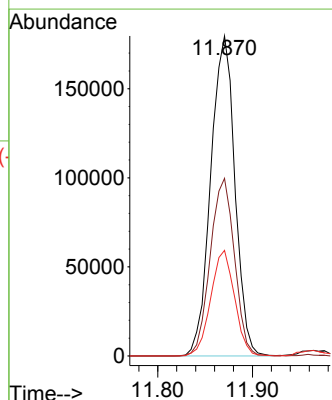
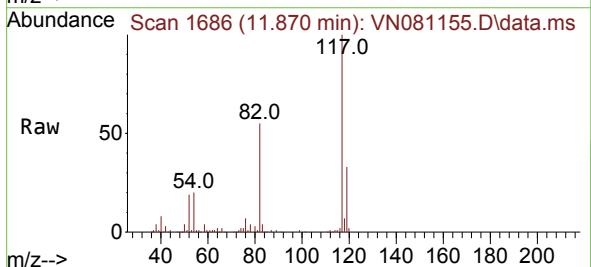
RT: 11.870 min Scan# 1686

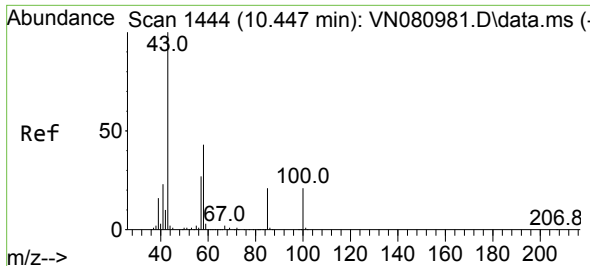
Delta R.T. 0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Tgt Ion:	117	Resp:	318459
Ion Ratio	Lower	Upper	
117	100		
82	55.7	46.6	69.8
119	32.5	25.4	38.2

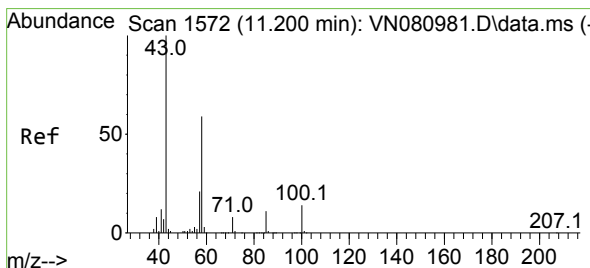
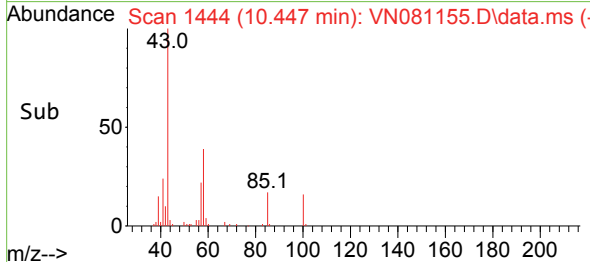
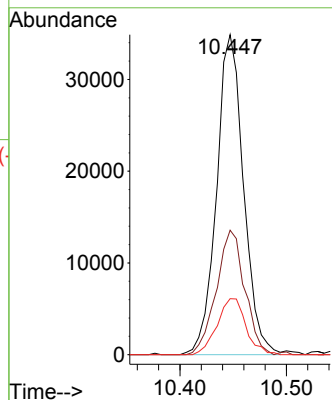
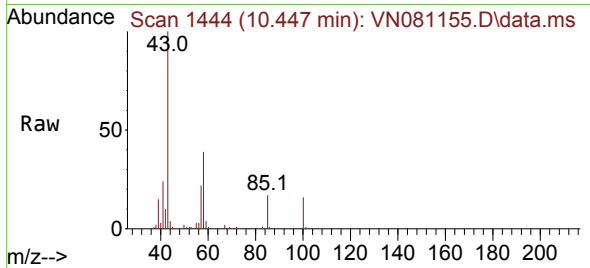




#58
4-Methyl-2-Pentanone
Concen: 14.838 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

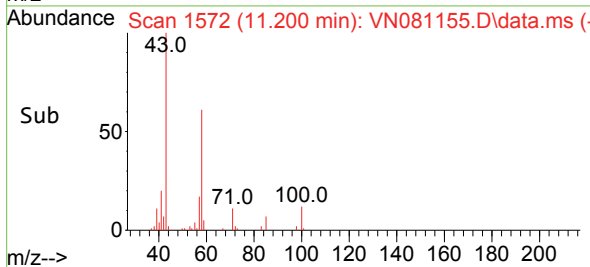
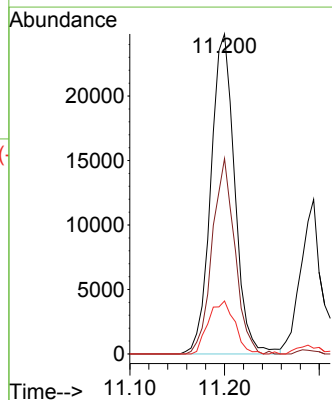
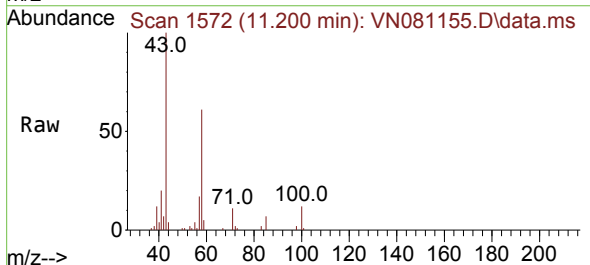
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

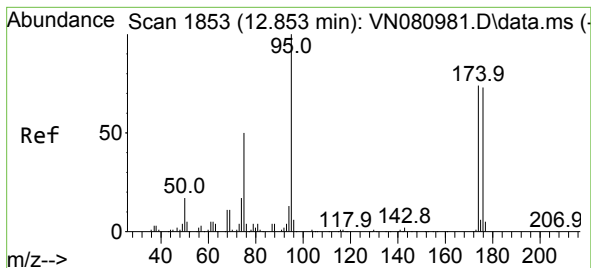
Tgt Ion: 43 Resp: 61348
Ion Ratio Lower Upper
43 100
58 41.0 36.5 54.7
85 18.7 19.5 29.3#



#59
2-Hexanone
Concen: 14.275 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 43 Resp: 43409
Ion Ratio Lower Upper
43 100
58 57.9 50.4 75.6
57 18.4 18.6 27.8#

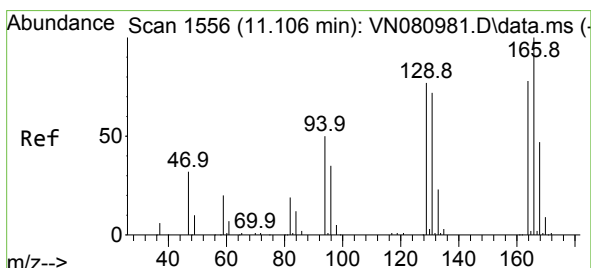
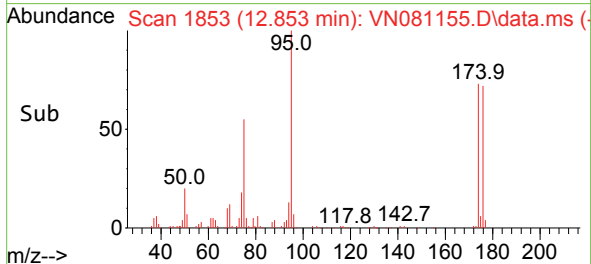
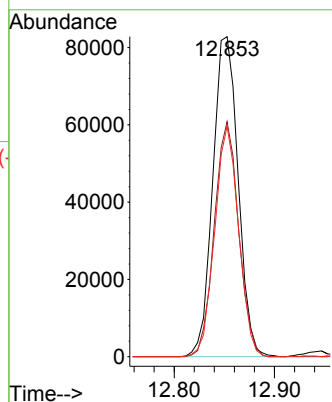
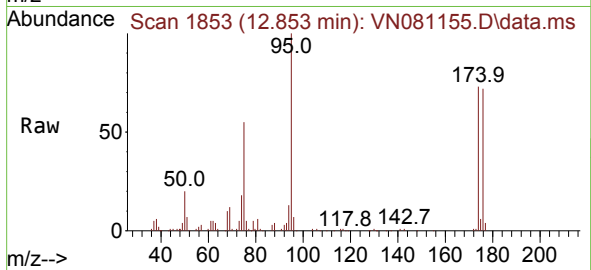




#60
4-Bromofluorobenzene
Concen: 29.814 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

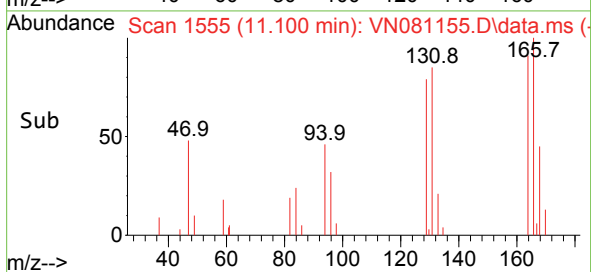
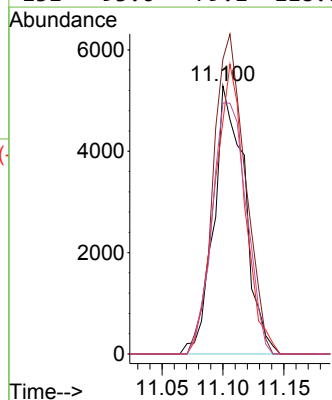
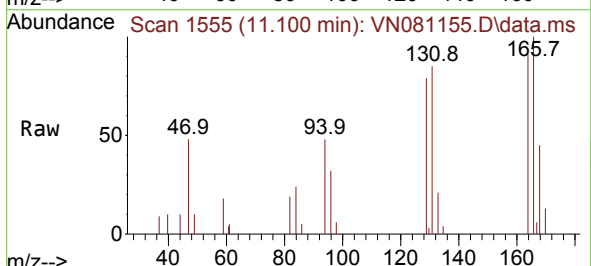
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

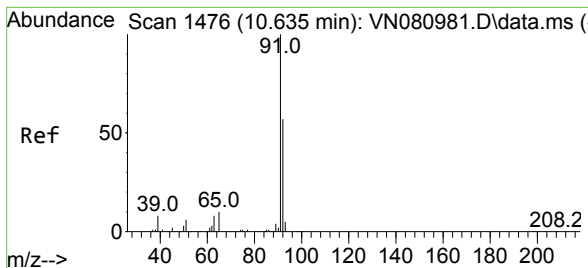
Tgt Ion: 95 Resp: 145151
Ion Ratio Lower Upper
95 100
174 70.5 60.5 90.7
176 67.9 57.8 86.6



#61
Tetrachloroethene
Concen: 2.563 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion:164 Resp: 9324
Ion Ratio Lower Upper
164 100
166 110.0 106.7 160.1
129 86.7 85.8 128.6
131 93.6 79.1 118.7





#62

Toluene

Concen: 2.504 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

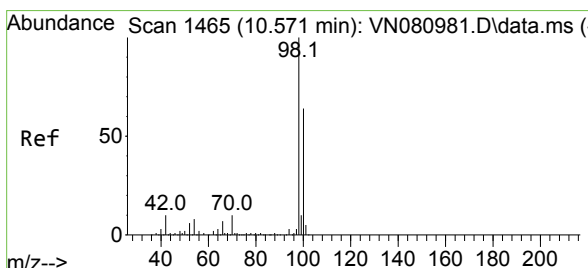
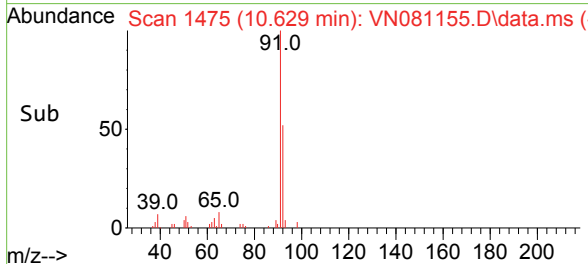
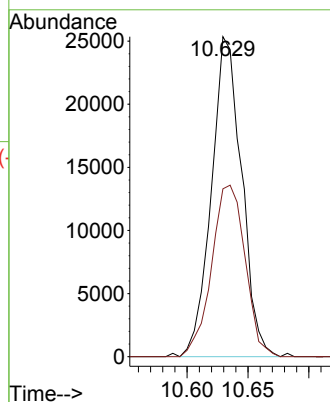
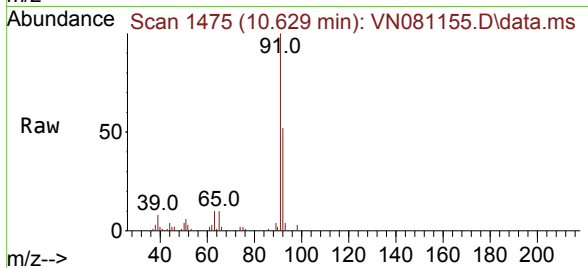
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 43680

Ion Ratio Lower Upper

91 100

92 59.5 46.5 69.7



#63

Toluene-d8

Concen: 30.375 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081155.D

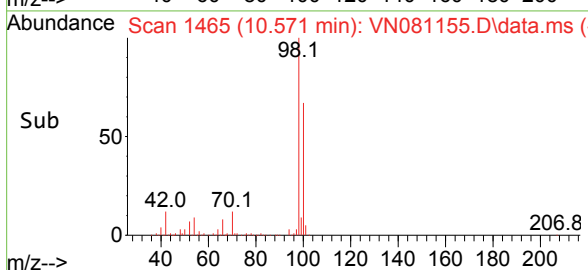
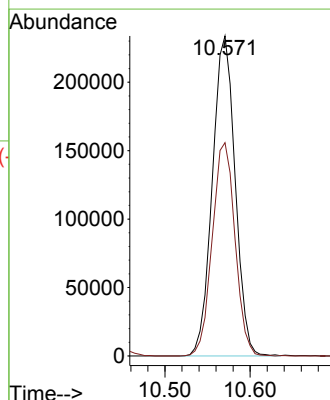
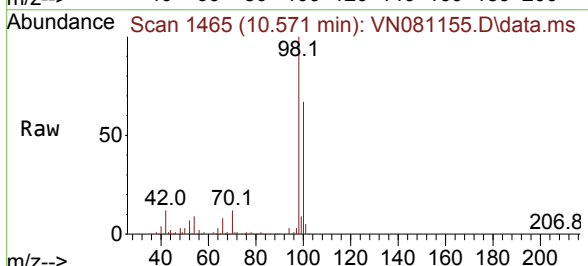
Acq: 23 Feb 2024 11:51

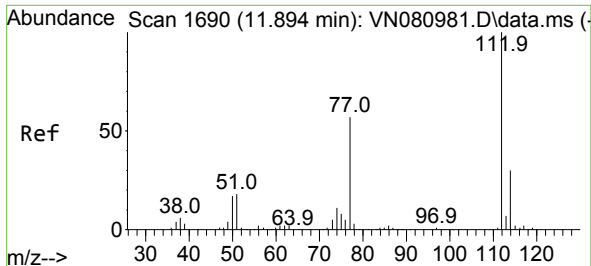
Tgt Ion: 98 Resp: 434106

Ion Ratio Lower Upper

98 100

100 66.5 52.7 79.1

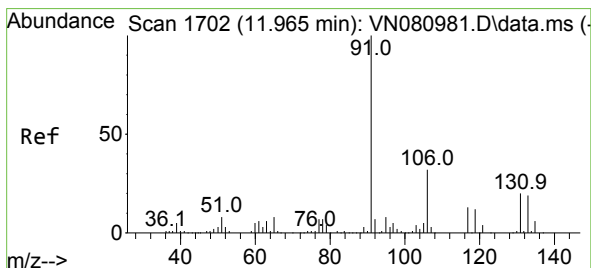
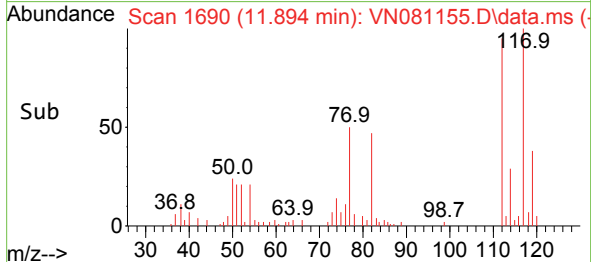
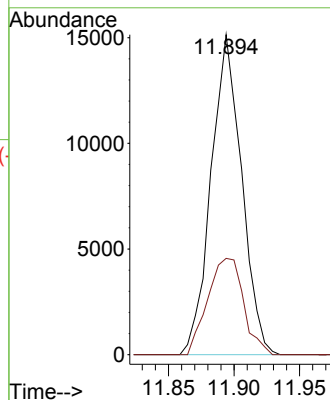
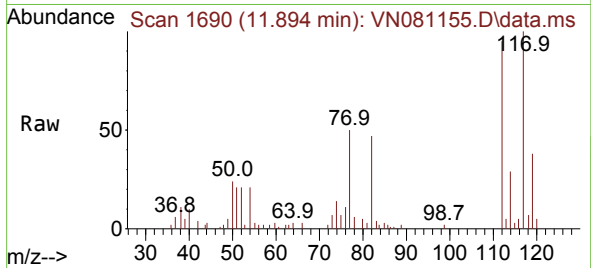




#64
Chlorobenzene
Concen: 2.299 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

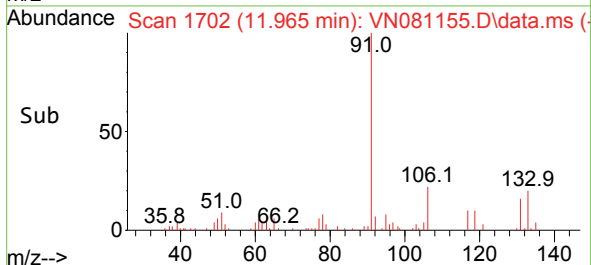
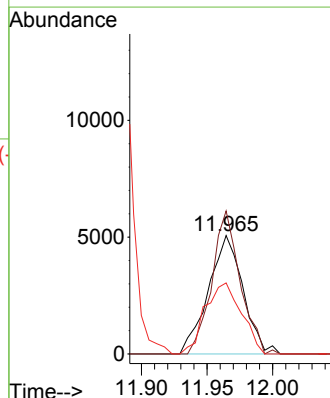
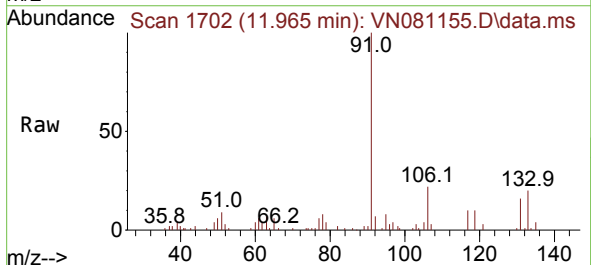
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

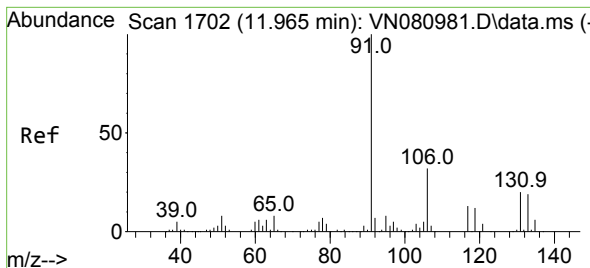
Tgt Ion:112 Resp: 24563
Ion Ratio Lower Upper
112 100
114 30.1 26.6 39.8



#65
1,1,1,2-Tetrachloroethane
Concen: 2.347 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion:131 Resp: 9300
Ion Ratio Lower Upper
131 100
133 98.3 0.0 188.0
119 63.0 0.0 122.8





#66

Ethyl Benzene

Concen: 2.659 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

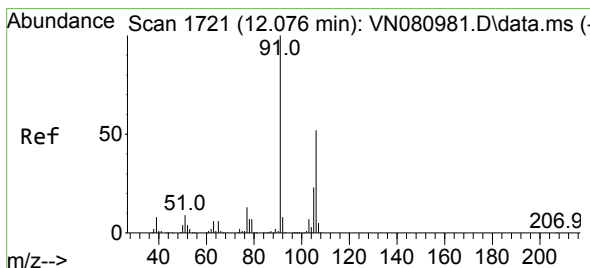
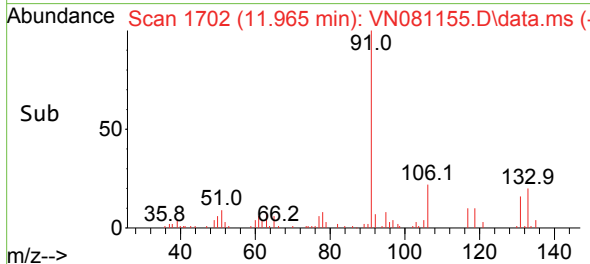
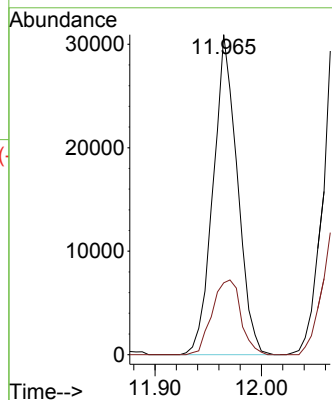
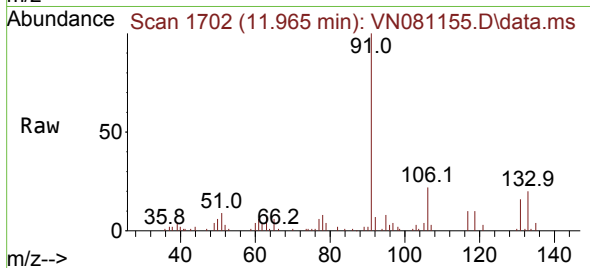
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 48768

Ion Ratio Lower Upper

91 100

106 22.5 24.4 36.6#



#67

m/p-Xylenes

Concen: 4.508 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.006 min

Lab File: VN081155.D

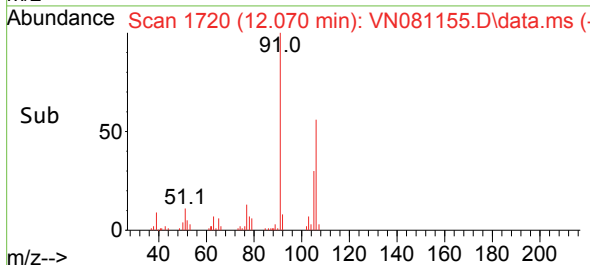
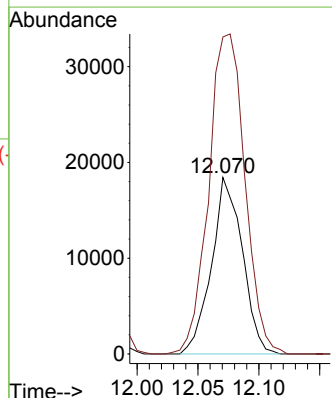
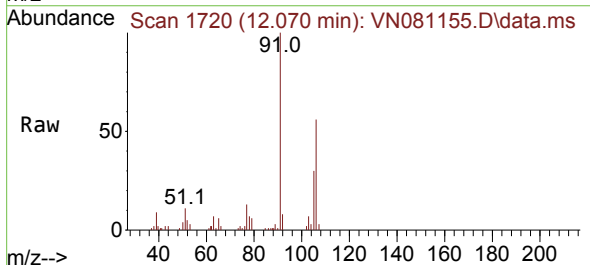
Acq: 23 Feb 2024 11:51

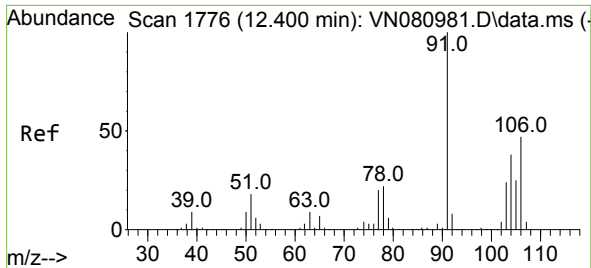
Tgt Ion: 106 Resp: 32471

Ion Ratio Lower Upper

106 100

91 212.3 166.6 249.8

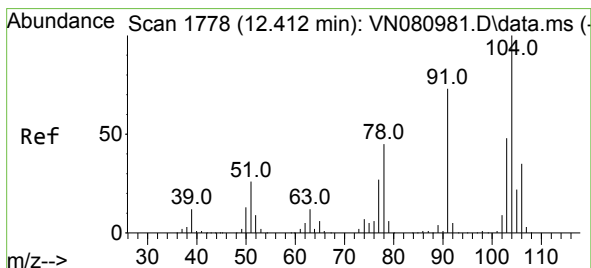
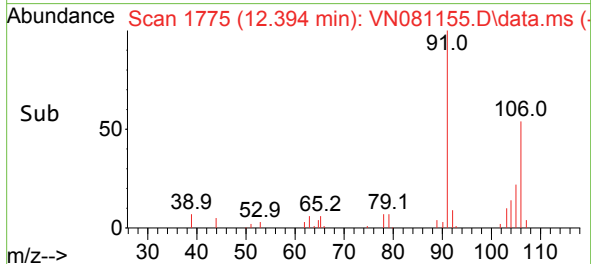
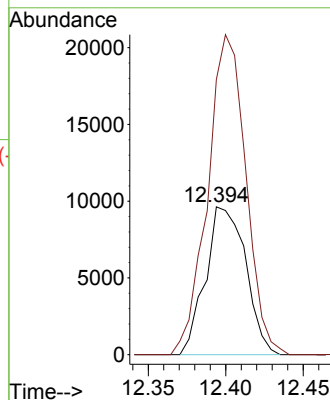
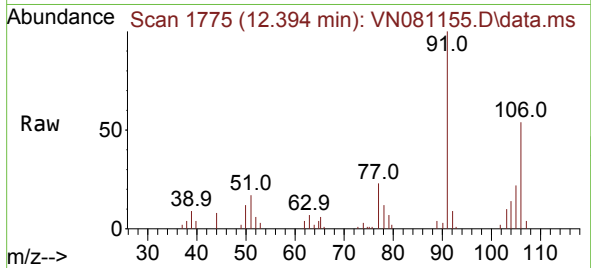




#68
o-Xylene
Concen: 2.457 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

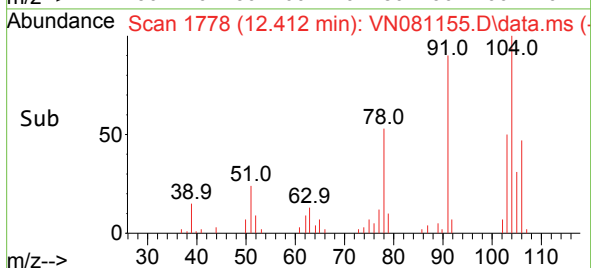
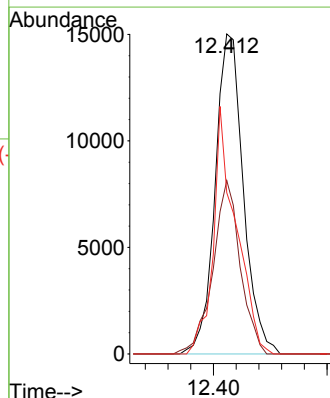
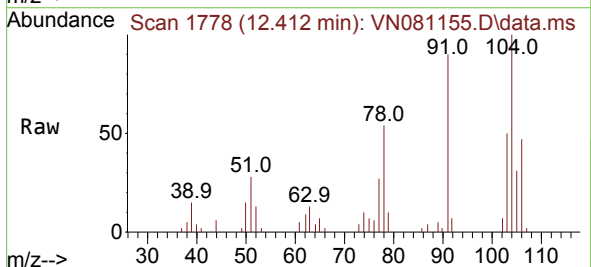
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

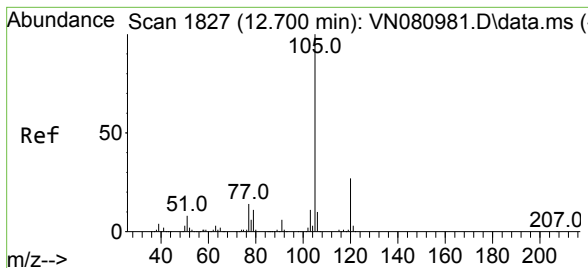
Tgt Ion:106 Resp: 17341
Ion Ratio Lower Upper
106 100
91 206.2 110.0 330.0



#69
Styrene
Concen: 2.227 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion:104 Resp: 25885
Ion Ratio Lower Upper
104 100
78 52.7 42.6 64.0
103 62.2 43.7 65.5





#70

Isopropylbenzene

Concen: 2.451 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

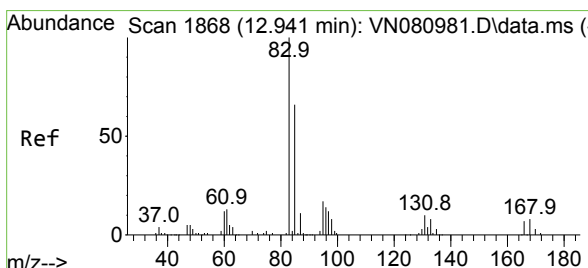
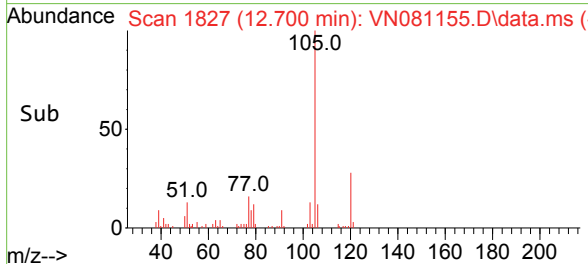
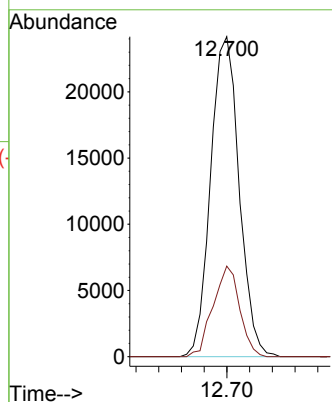
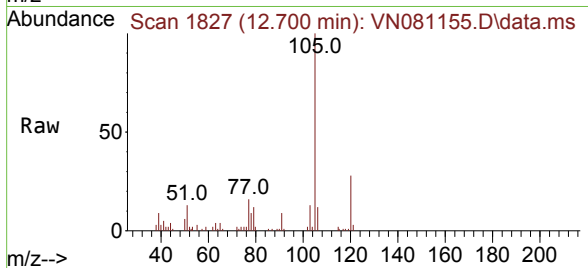
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 42167

Ion Ratio Lower Upper

105 100

120 26.4 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 2.588 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

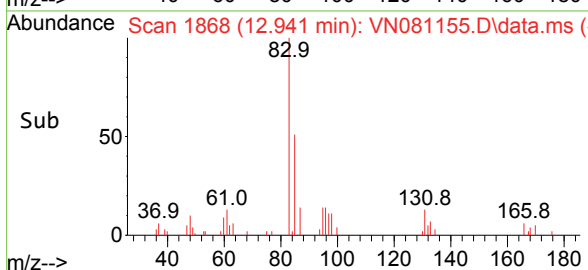
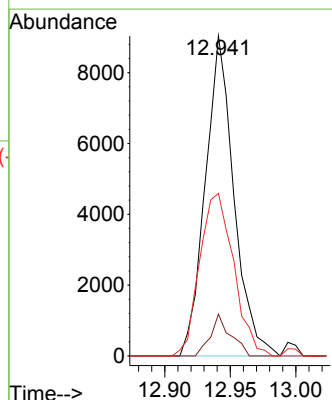
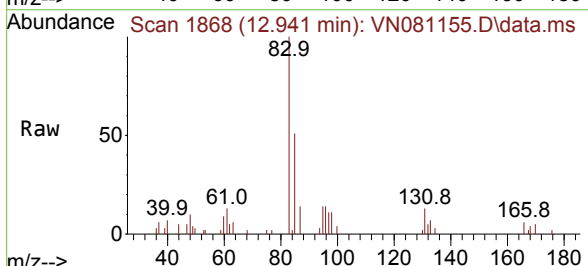
Tgt Ion: 83 Resp: 13730

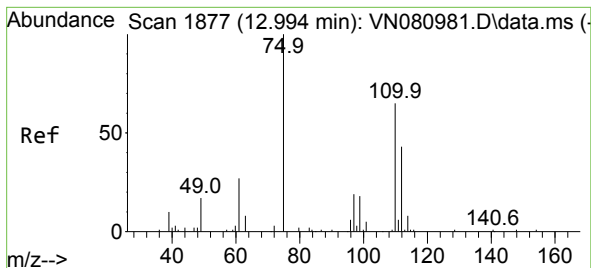
Ion Ratio Lower Upper

83 100

131 9.1 5.2 15.6

85 60.3 32.3 96.8





#72

1,2,3-Trichloropropane

Concen: 0.897 ug/l

RT: 12.970 min Scan# 1873

Delta R.T. -0.024 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

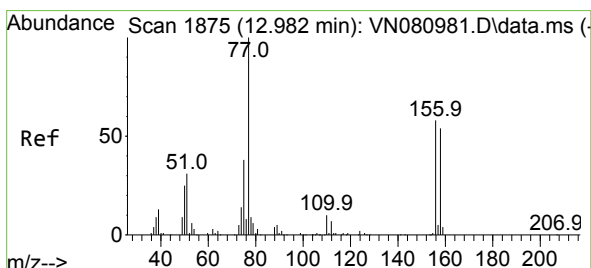
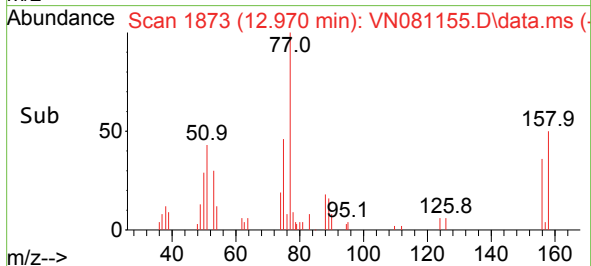
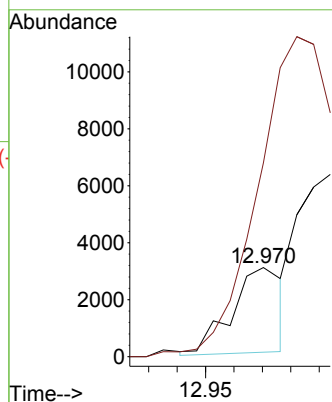
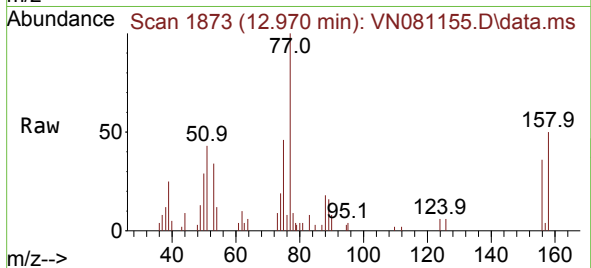
MDL-WATER-03-QT1-2024

Tgt Ion: 75 Resp: 3726

Ion Ratio Lower Upper

75 100

77 614.6 0.0 367.6#



#73

Bromobenzene

Concen: 2.254 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

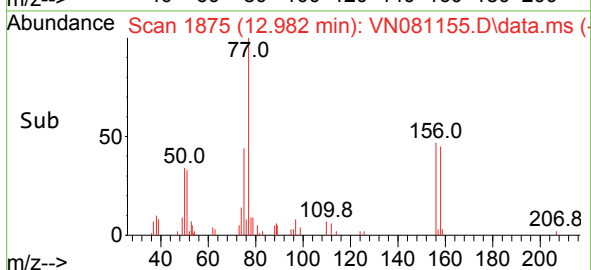
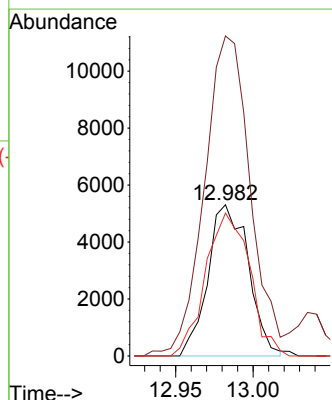
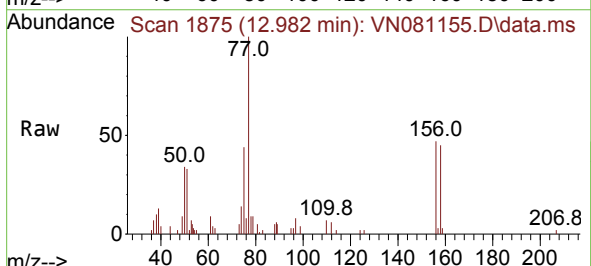
Tgt Ion:156 Resp: 9641

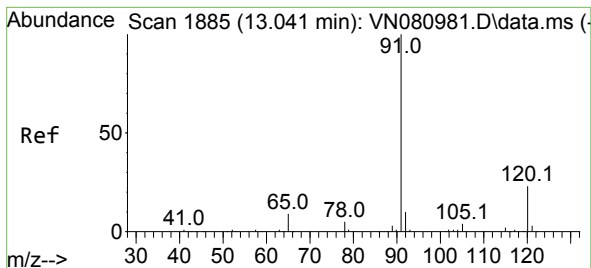
Ion Ratio Lower Upper

156 100

77 237.5 0.0 437.6

158 102.9 0.0 203.8





#74

n-propylbenzene

Concen: 2.623 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

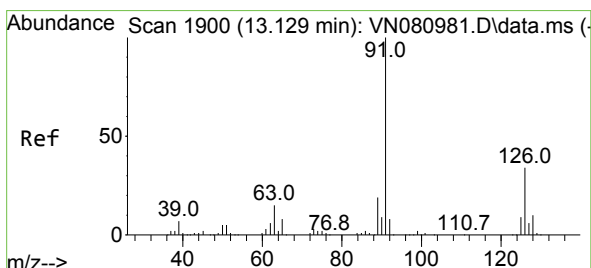
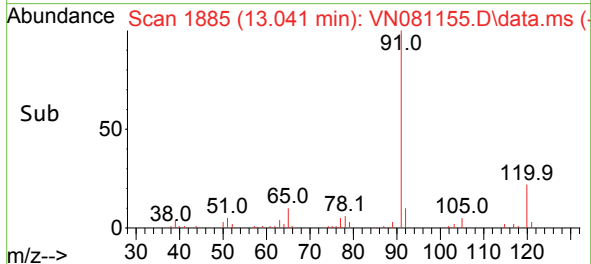
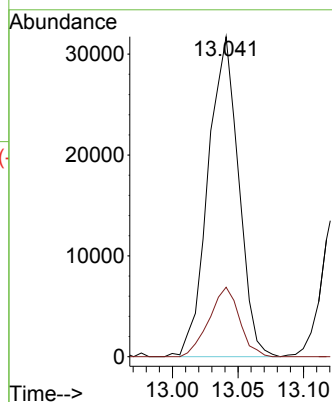
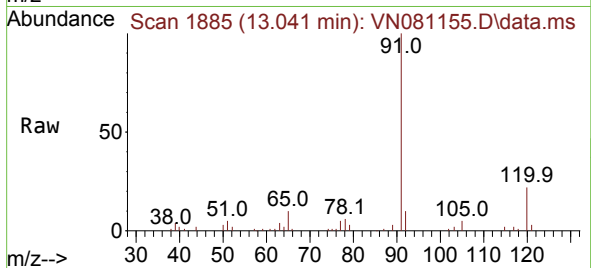
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 51292

Ion Ratio Lower Upper

91 100

120 21.7 0.0 43.8



#75

2-Chlorotoluene

Concen: 2.614 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081155.D

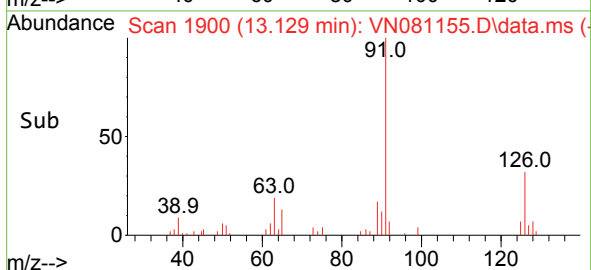
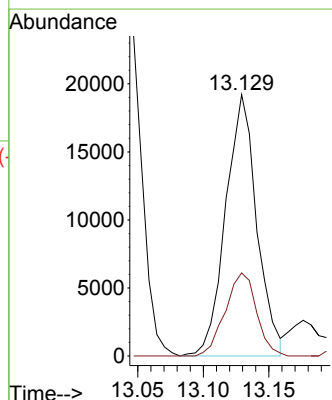
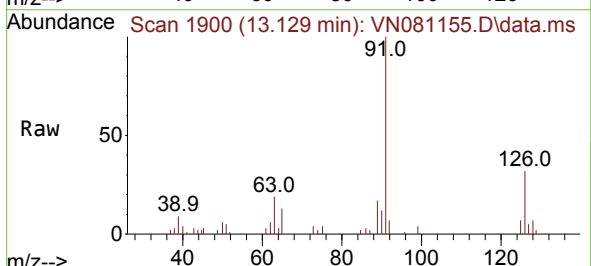
Acq: 23 Feb 2024 11:51

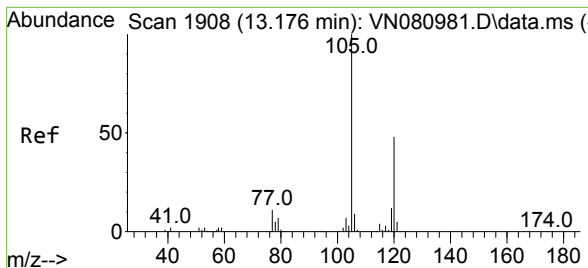
Tgt Ion: 91 Resp: 31727

Ion Ratio Lower Upper

91 100

126 31.9 0.0 61.2





#76

1,3,5-Trimethylbenzene

Concen: 2.475 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

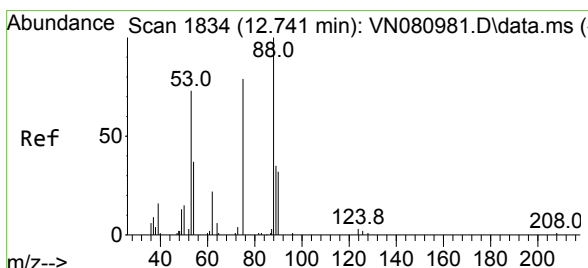
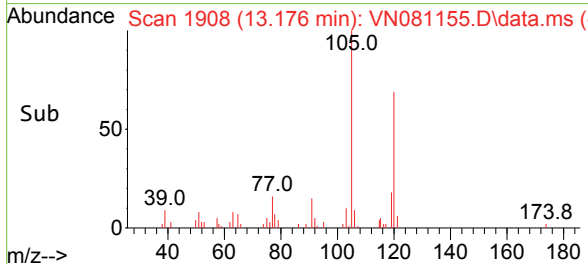
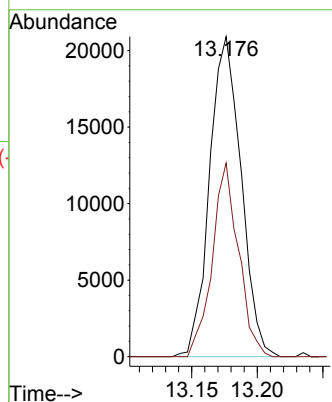
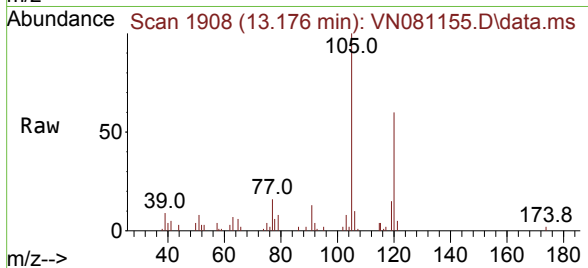
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 34832

Ion Ratio Lower Upper

105 100

120 50.5 0.0 95.8



#77

t-1,4-Dichloro-2-butene

Concen: 2.372 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

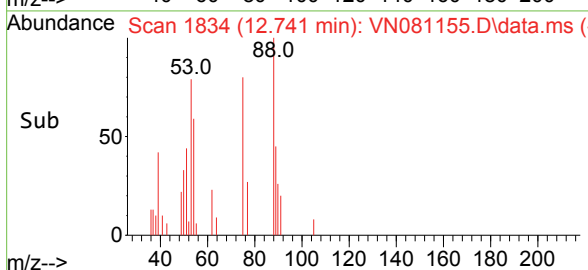
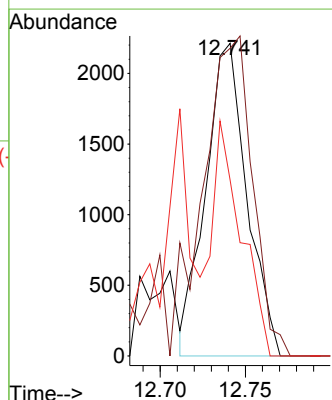
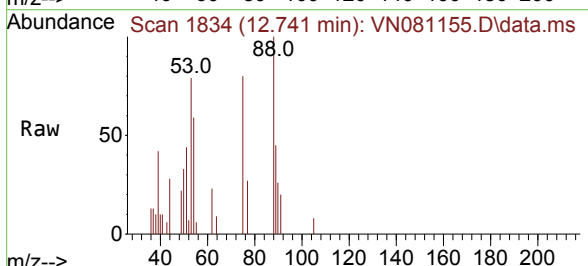
Tgt Ion: 75 Resp: 3727

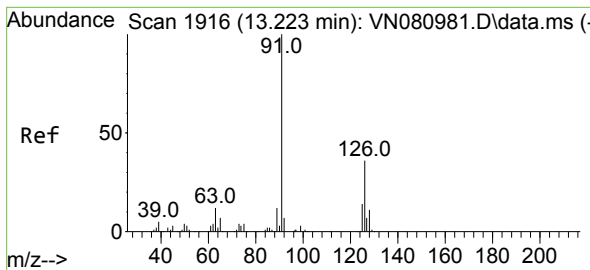
Ion Ratio Lower Upper

75 100

53 91.6 45.9 137.7

89 56.3 25.9 77.7





#78

4-Chlorotoluene

Concen: 2.537 ug/l

RT: 13.229 min Scan# 1916

Delta R.T. 0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

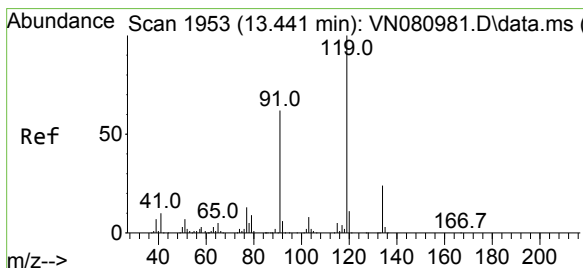
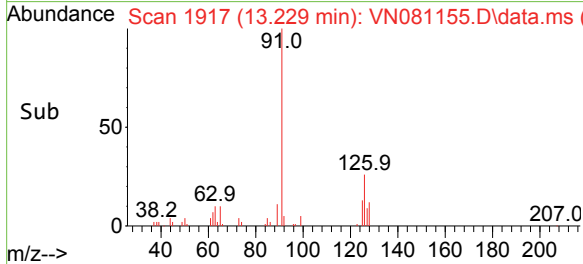
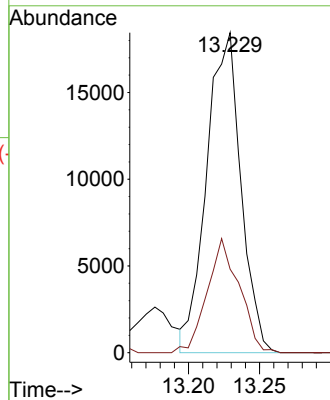
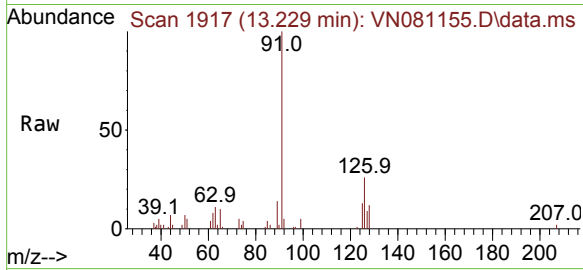
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 30846

Ion Ratio Lower Upper

91 100

126 33.5 0.0 62.8



#79

tert-butylbenzene

Concen: 2.670 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

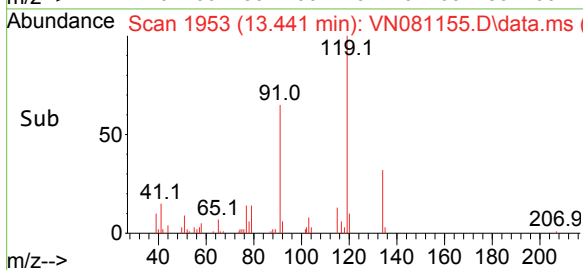
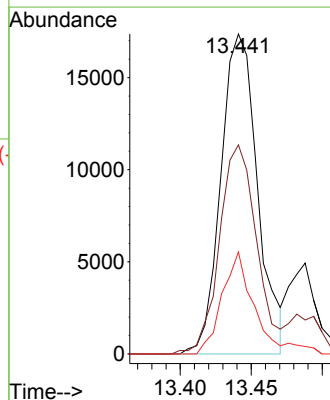
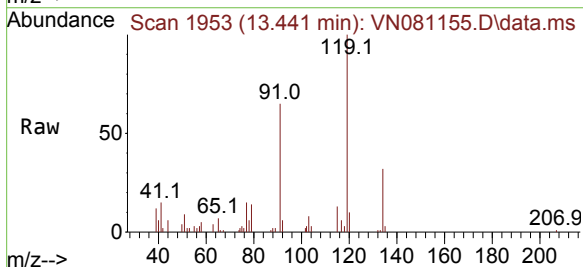
Tgt Ion: 119 Resp: 31193

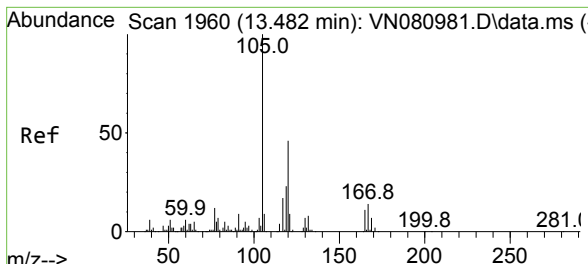
Ion Ratio Lower Upper

119 100

91 66.1 0.0 138.8

134 26.4 0.0 48.6

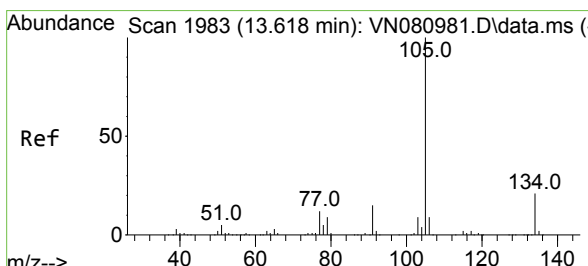
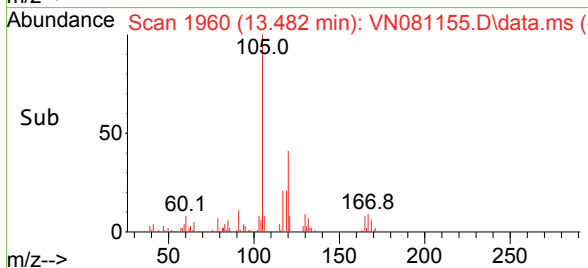
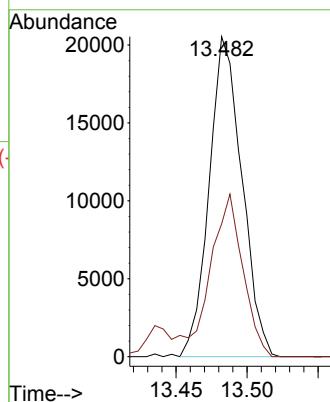
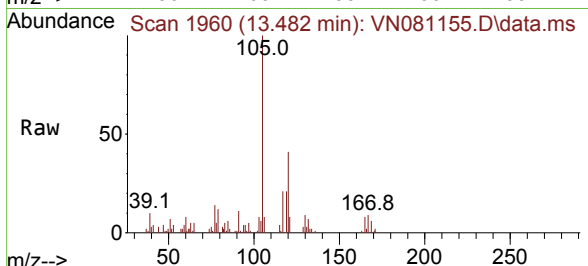




#80
 1,2,4-Trimethylbenzene
 Concen: 2.349 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081155.D
 Acq: 23 Feb 2024 11:51

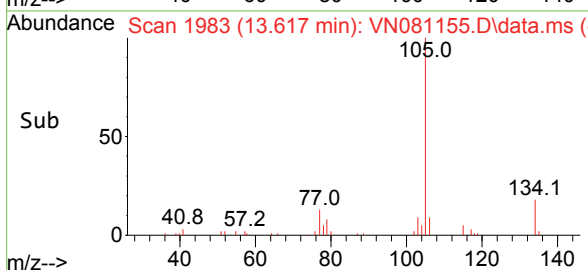
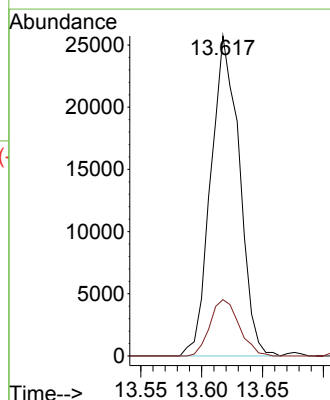
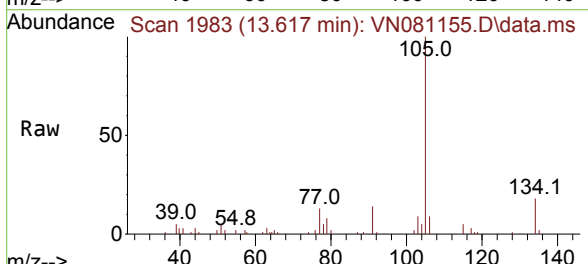
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT1-2024

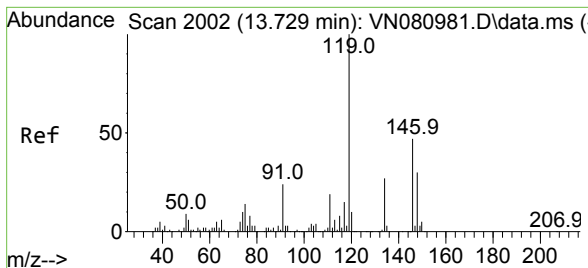
Tgt Ion:105 Resp: 32947
 Ion Ratio Lower Upper
 105 100
 120 48.7 0.0 86.8



#81
 sec-Butylbenzene
 Concen: 2.568 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081155.D
 Acq: 23 Feb 2024 11:51

Tgt Ion:105 Resp: 42020
 Ion Ratio Lower Upper
 105 100
 134 18.0 0.0 39.0





#82

p-Isopropyltoluene

Concen: 2.416 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

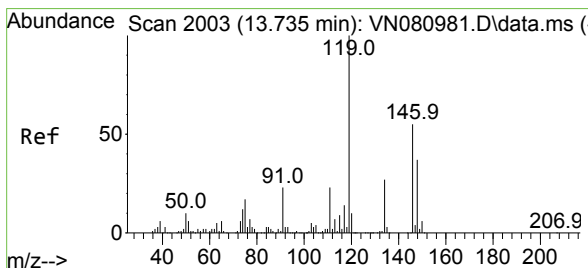
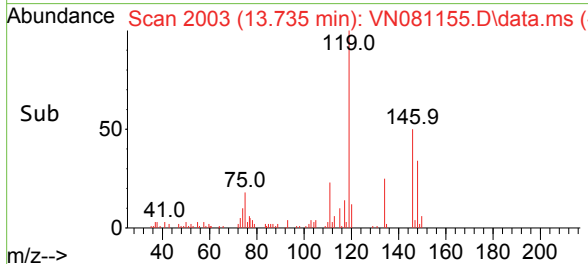
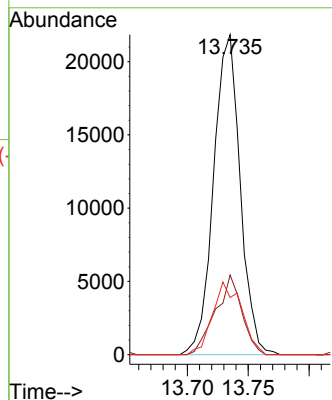
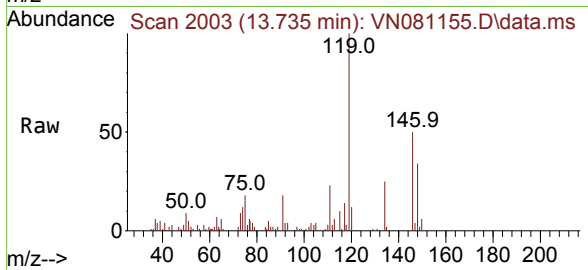
Tgt Ion:119 Resp: 33192

Ion Ratio Lower Upper

119 100

134 24.6 0.0 49.2

91 24.9 0.0 48.8



#83

1,3-Dichlorobenzene

Concen: 2.367 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

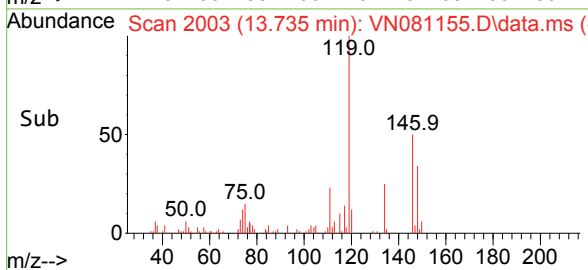
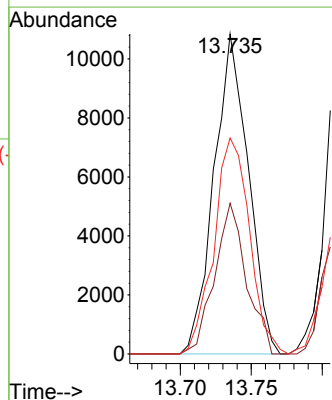
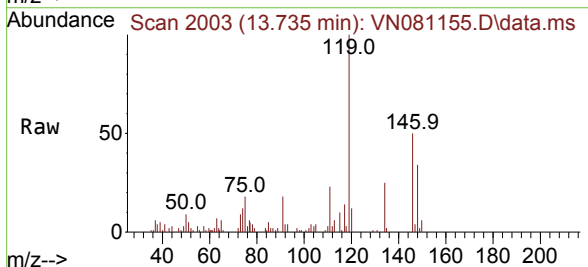
Tgt Ion:146 Resp: 18215

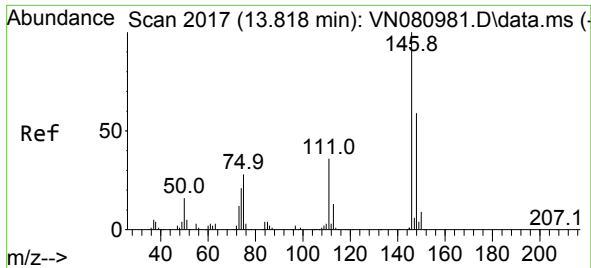
Ion Ratio Lower Upper

146 100

111 43.7 22.4 67.0

148 70.2 32.1 96.5

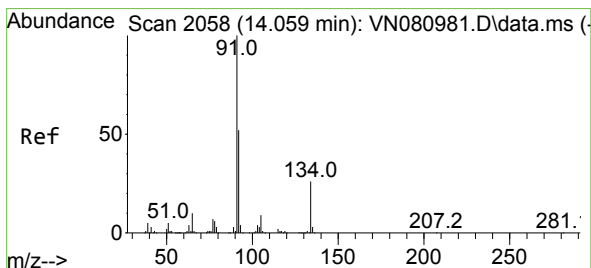
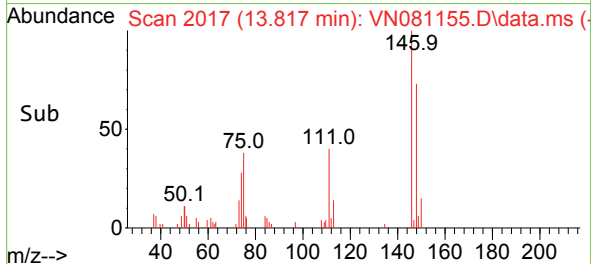
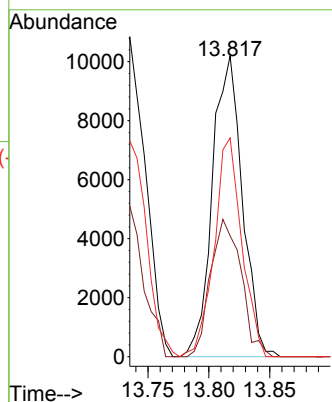
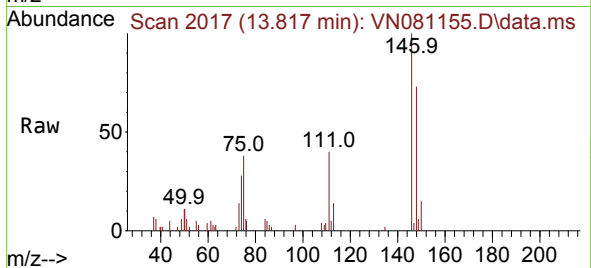




#84
1,4-Dichlorobenzene
Concen: 2.260 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

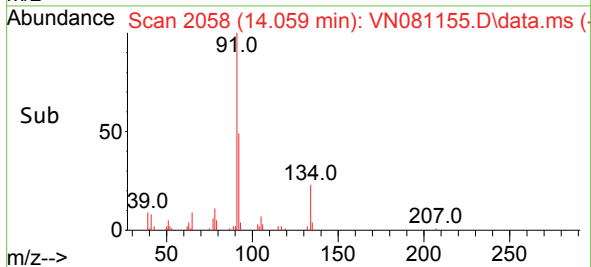
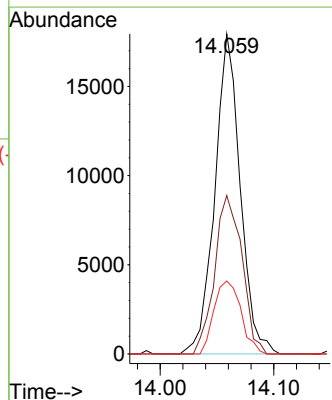
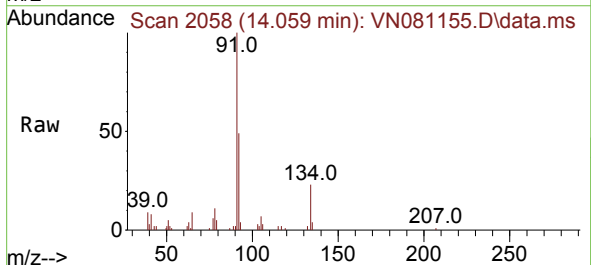
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

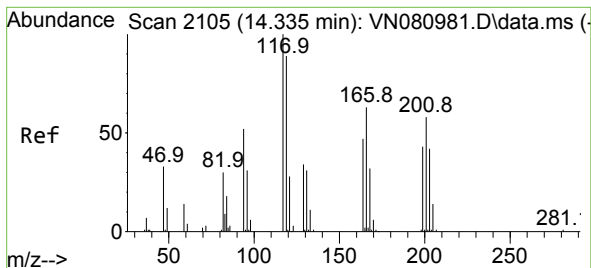
Tgt Ion:146 Resp: 17454
Ion Ratio Lower Upper
146 100
111 45.4 21.3 63.9
148 67.0 31.9 95.5



#85
n-Butylbenzene
Concen: 2.463 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion: 91 Resp: 27916
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.0
134 24.2 0.0 51.8





#86

Hexachloroethane

Concen: 2.302 ug/l

RT: 14.341 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

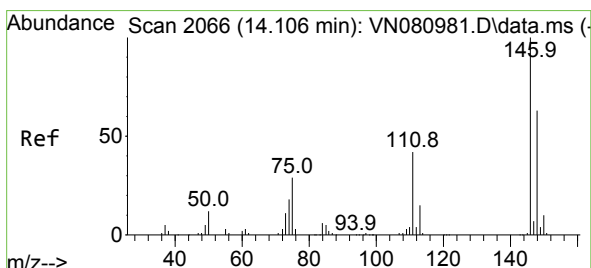
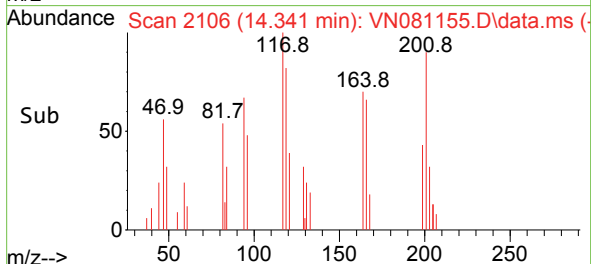
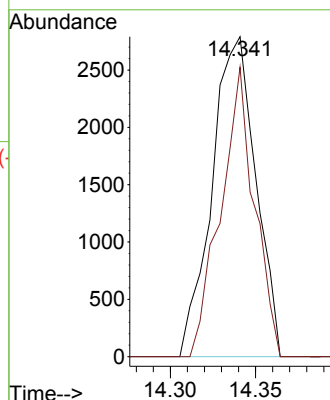
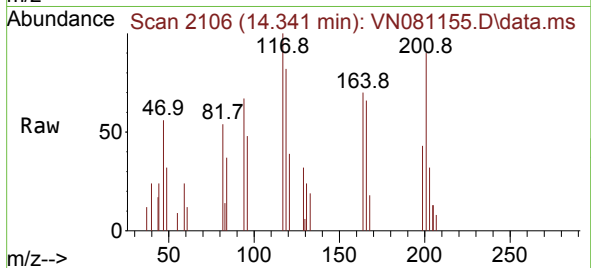
MDL-WATER-03-QT1-2024

Tgt Ion:117 Resp: 4987

Ion Ratio Lower Upper

117 100

201 69.7 38.0 114.0



#87

1,2-Dichlorobenzene

Concen: 2.415 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN081155.D

Acq: 23 Feb 2024 11:51

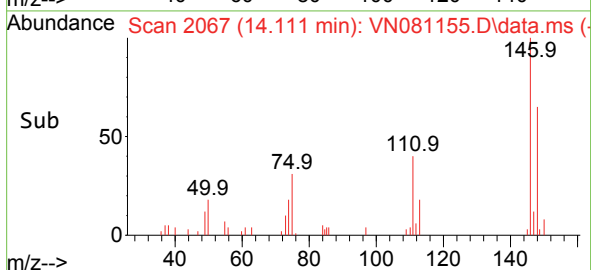
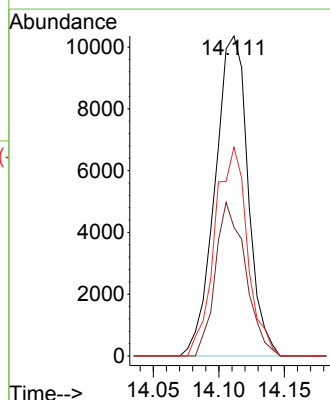
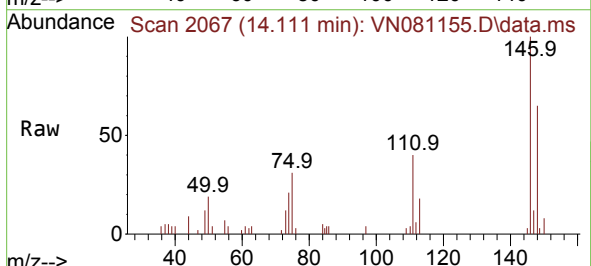
Tgt Ion:146 Resp: 18095

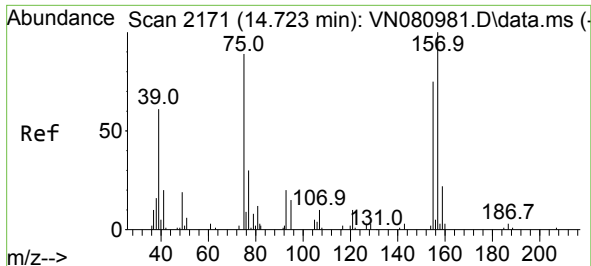
Ion Ratio Lower Upper

146 100

111 43.9 22.6 67.8

148 64.6 31.3 93.8

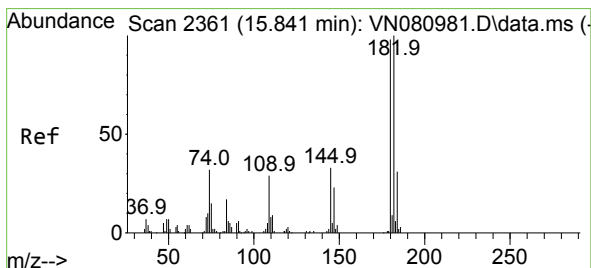
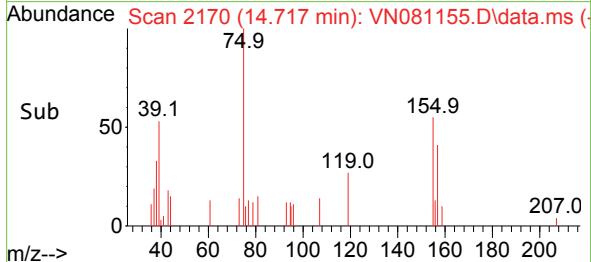
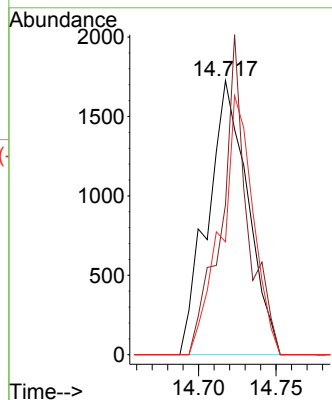
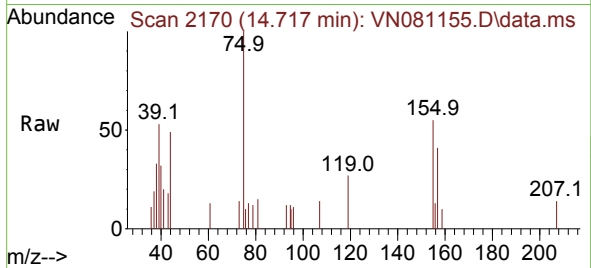




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 3.241 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN081155.D
 Acq: 23 Feb 2024 11:51

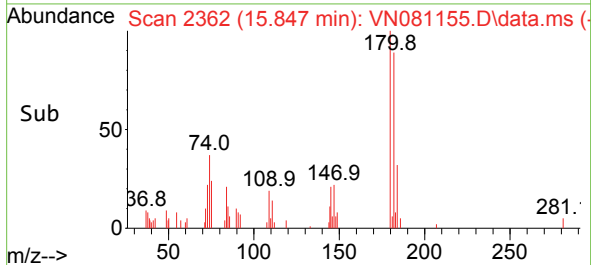
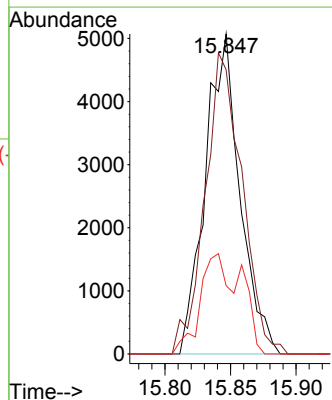
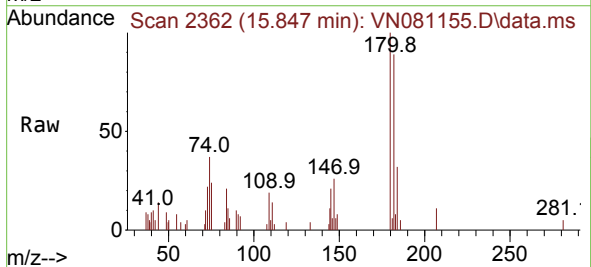
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

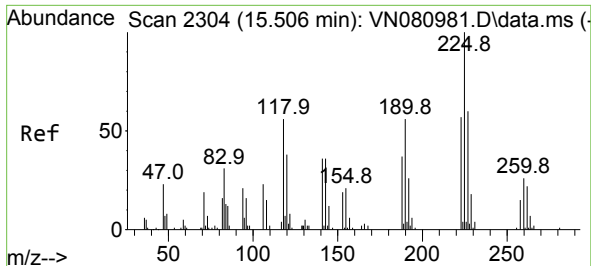
Tgt Ion: 75 Resp: 3103
 Ion Ratio Lower Upper
 75 100
 155 75.5 61.7 92.5
 157 75.8 83.6 125.4#



#89
 1,2,4-Trichlorobenzene
 Concen: 2.543 ug/l
 RT: 15.847 min Scan# 2362
 Delta R.T. 0.006 min
 Lab File: VN081155.D
 Acq: 23 Feb 2024 11:51

Tgt Ion: 180 Resp: 9319
 Ion Ratio Lower Upper
 180 100
 182 100.5 76.4 114.6
 145 24.0 28.4 42.6#

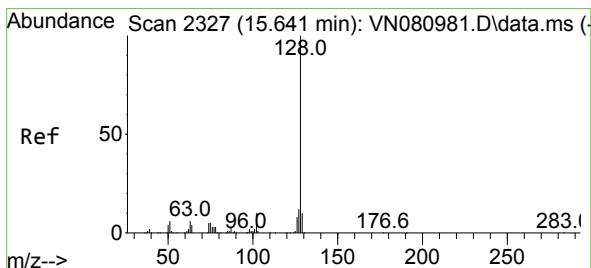
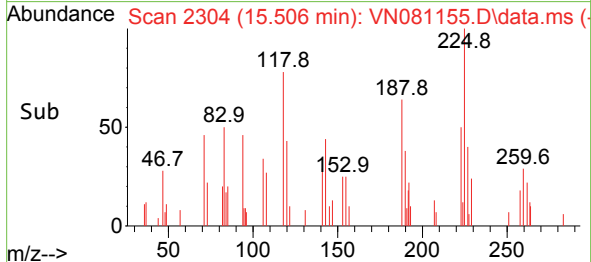
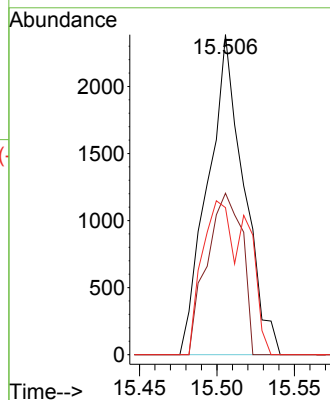
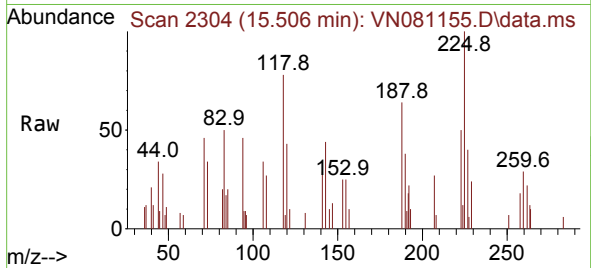




#90
Hexachlorobutadiene
Concen: 2.397 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

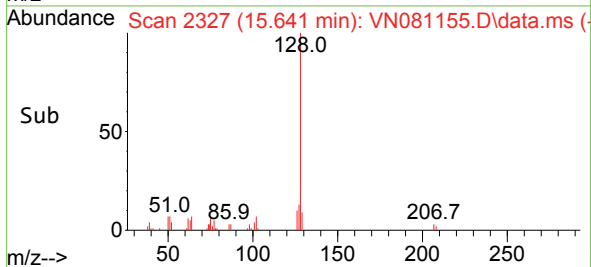
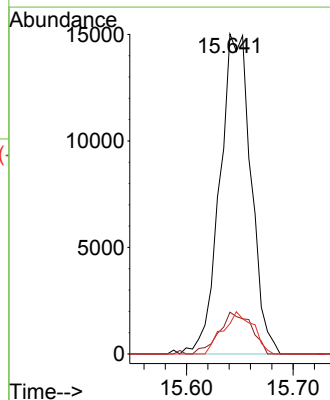
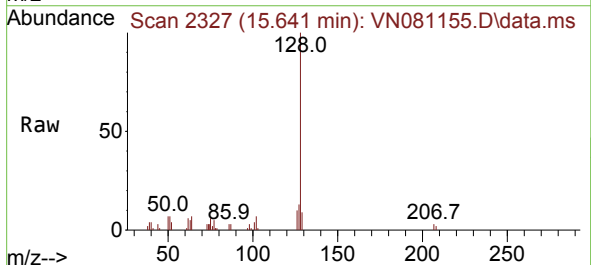
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

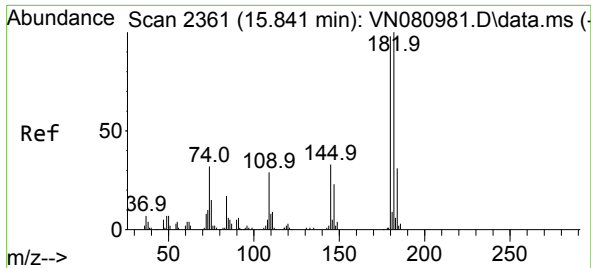
Tgt Ion:225 Resp: 3854
Ion Ratio Lower Upper
225 100
223 49.4 0.0 126.6
227 40.9 0.0 126.6



#91
Naphthalene
Concen: 2.345 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081155.D
Acq: 23 Feb 2024 11:51

Tgt Ion:128 Resp: 30513
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 12.9 8.6 13.0





#92

1,2,3-Trichlorobenzene

Concen: 2.543 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081155.D

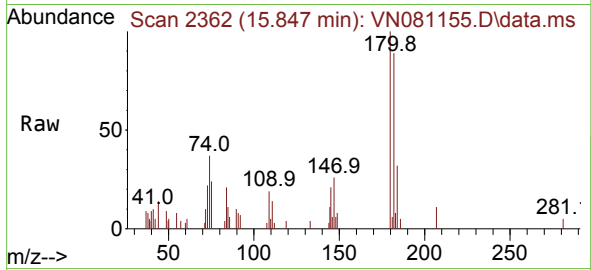
Acq: 23 Feb 2024 11:51

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion:180 Resp: 9319

Ion Ratio Lower Upper

180 100

182 100.5 0.0 191.0

145 24.0 0.0 71.0

