

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077713.D
 Acq On : 17 May 2023 14:56
 Operator : JC\MD
 Sample : 02213-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: May 18 02:42:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 02:40:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	381732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	710568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	604980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	253070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	297975	52.169	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.340%	
35) Dibromofluoromethane	8.171	113	231539	49.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.940%	
50) Toluene-d8	10.571	98	907600	50.889	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.853	95	294180	46.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.400%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	10758	2.476	ug/l	85
3) Chloromethane	2.365	50	13728	2.636	ug/l	91
4) Vinyl Chloride	2.518	62	14115	2.577	ug/l	94
5) Bromomethane	2.965	94	12857	3.174	ug/l	93
6) Chloroethane	3.124	64	10420	2.640	ug/l	89
7) Trichlorofluoromethane	3.506	101	21071	2.760	ug/l	100
8) Diethyl Ether	3.965	74	7542	2.706	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.383	101	13421	3.177	ug/l #	81
10) Methyl Iodide	4.589	142	13406	2.661	ug/l #	83
11) Tert butyl alcohol	5.542	59	10999	13.953	ug/l #	79
12) 1,1-Dichloroethene	4.348	96	11986	2.985	ug/l	87
13) Acrolein	4.195	56	8915	15.904	ug/l	100
14) Allyl chloride	5.030	41	15489	2.626	ug/l #	87
15) Acrylonitrile	5.730	53	26782	12.717	ug/l #	89
16) Acetone	4.436	43	21397	11.907	ug/l	99
17) Carbon Disulfide	4.718	76	26058	2.409	ug/l #	89
18) Methyl Acetate	5.036	43	18643	2.473	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	39204	2.698	ug/l	93
20) Methylene Chloride	5.283	84	14921	2.772	ug/l #	84
21) trans-1,2-Dichloroethene	5.806	96	11523	2.555	ug/l	97
22) Diisopropyl ether	6.677	45	35701	2.582	ug/l #	91
23) Vinyl Acetate	6.612	43	99965	11.670	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	22315	2.635	ug/l #	92
25) 2-Butanone	7.494	43	33235	11.823	ug/l #	70
26) 2,2-Dichloropropane	7.494	77	17944	2.494	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	13697	2.533	ug/l	89
28) Bromochloromethane	7.818	49	9522	2.600	ug/l #	89
29) Tetrahydrofuran	7.853	42	21957	11.929	ug/l	86
30) Chloroform	7.971	83	25478	2.735	ug/l	84
31) Cyclohexane	8.265	56	27114	3.493	ug/l #	86
32) 1,1,1-Trichloroethane	8.177	97	21731	2.743	ug/l #	78
36) 1,1-Dichloropropene	8.371	75	16645	2.456	ug/l	97
37) Ethyl Acetate	7.565	43	16556	2.741	ug/l #	87
38) Carbon Tetrachloride	8.365	117	17235	2.518	ug/l	97
39) Methylcyclohexane	9.606	83	19943	2.404	ug/l #	83
40) Benzene	8.612	78	51125	2.556	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	8727	2.713	ug/l	87
42) 1,2-Dichloroethane	8.677	62	18530	2.551	ug/l	97
43) Isopropyl Acetate	8.688	43	24238	2.457	ug/l	91
44) Trichloroethene	9.359	130	12768	2.521	ug/l	85
45) 1,2-Dichloropropane	9.635	63	13770	2.699	ug/l	92
46) Dibromomethane	9.706	93	9439	2.586	ug/l	96
47) Bromodichloromethane	9.894	83	18011	2.577	ug/l	93
48) Methyl methacrylate	9.682	41	12042	2.574	ug/l #	78
49) 1,4-Dioxane	9.700	88	3728	42.193	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	68711	11.716	ug/l	93
52) Toluene	10.635	92	33653	2.703	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	18221	2.462	ug/l #	82
54) cis-1,3-Dichloropropene	10.324	75	18056	2.214	ug/l #	88
55) 1,1,2-Trichloroethane	11.024	97	12507	2.530	ug/l	95
56) Ethyl methacrylate	10.882	69	17494	2.340	ug/l #	81
57) 1,3-Dichloropropane	11.171	76	22185	2.618	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.171	63	43150	11.734	ug/l	90
59) 2-Hexanone	11.200	43	50591	11.662	ug/l	87
60) Dibromochloromethane	11.365	129	12074	2.366	ug/l	97
61) 1,2-Dibromoethane	11.476	107	12002	2.434	ug/l	95
64) Tetrachloroethene	11.112	164	12267	2.899	ug/l	90
65) Chlorobenzene	11.894	112	34061	2.597	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	11638	2.565	ug/l	97
67) Ethyl Benzene	11.971	91	58779	2.501	ug/l	94
68) m/p-Xylenes	12.076	106	44831	5.034	ug/l	98
69) o-Xylene	12.406	106	22210	2.536	ug/l	96
70) Styrene	12.418	104	34918	2.510	ug/l	99
71) Bromoform	12.582	173	7729	2.560	ug/l #	96
73) Isopropylbenzene	12.700	105	54790	2.512	ug/l	96
74) N-amyl acetate	12.500	43	19450	2.412	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	17222	2.566	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	20099	3.171	ug/l	80
77) Bromobenzene	12.982	156	13351	2.682	ug/l	97
78) n-propylbenzene	13.041	91	66315	2.579	ug/l	96
79) 2-Chlorotoluene	13.129	91	39940	2.603	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	48712	2.657	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.859	75	156372	78.868	ug/l #	15
82) 4-Chlorotoluene	13.229	91	37089	2.429	ug/l	98
83) tert-Butylbenzene	13.447	119	41180	2.573	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	45549	2.526	ug/l	97
85) sec-Butylbenzene	13.623	105	54611	2.401	ug/l	99
86) p-Isopropyltoluene	13.735	119	42743	2.357	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	22858	2.483	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	24618	2.695	ug/l	87
89) n-Butylbenzene	14.065	91	39253	2.353	ug/l	96
90) Hexachloroethane	14.341	117	7059	2.369	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	23243	2.702	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.735	75	3171	2.441	ug/l	88
93) 1,2,4-Trichlorobenzene	15.400	180	11273	2.243	ug/l	95
94) Hexachlorobutadiene	15.506	225	5284	2.532	ug/l	93
95) Naphthalene	15.647	128	34390	1.988	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	10764	2.187	ug/l	94

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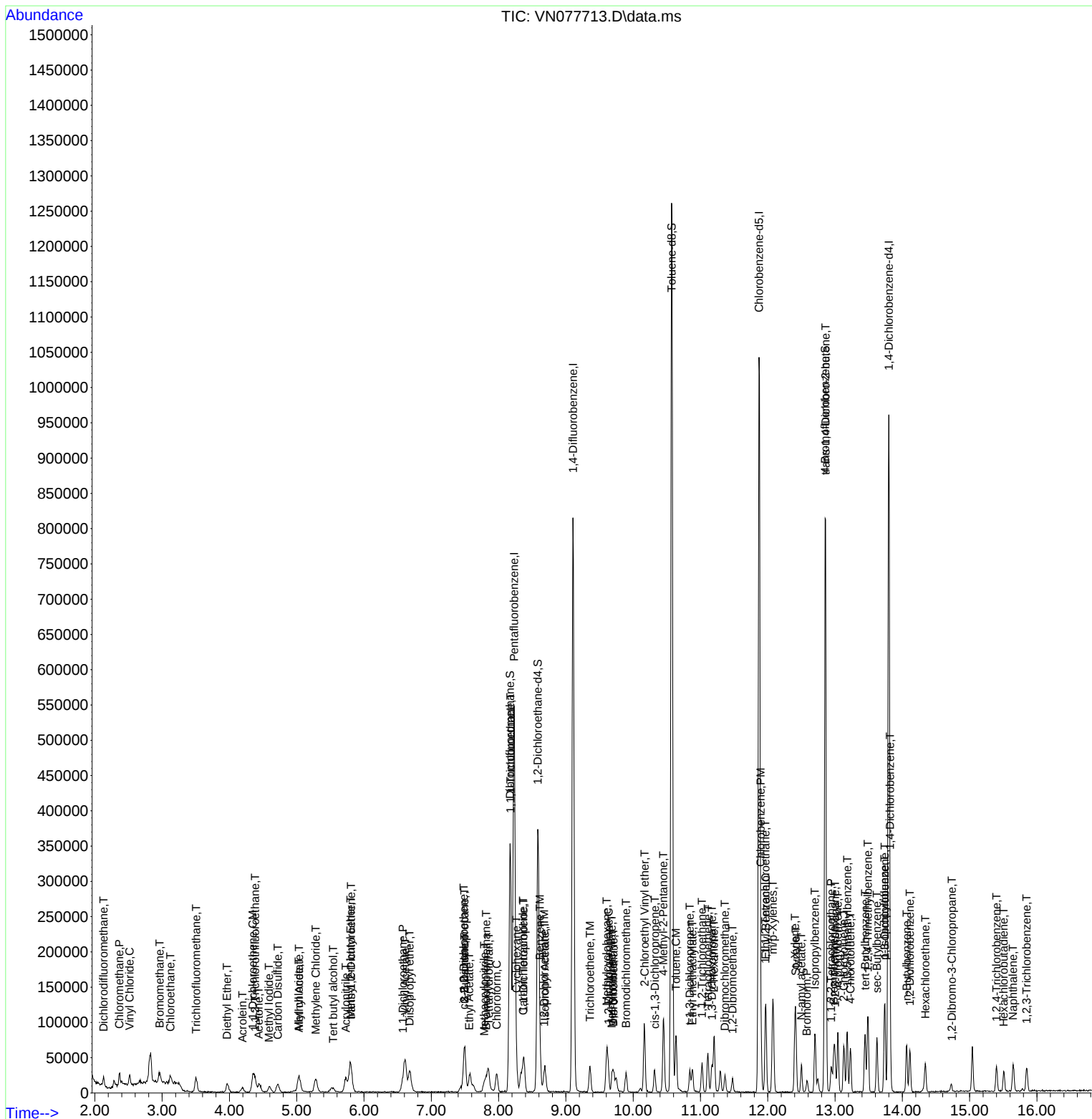
Instrument :
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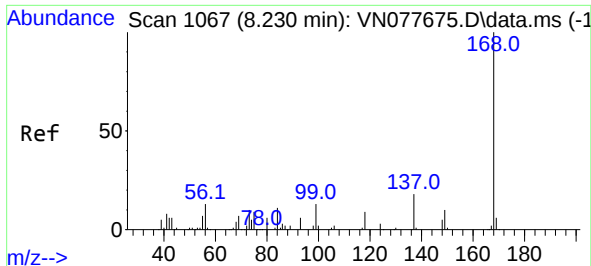
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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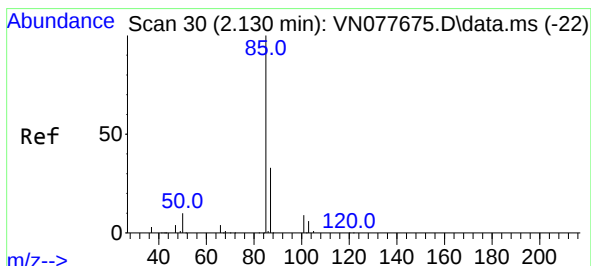
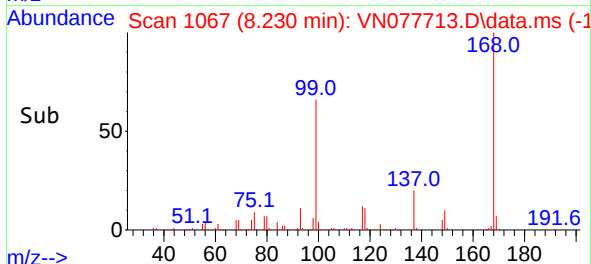
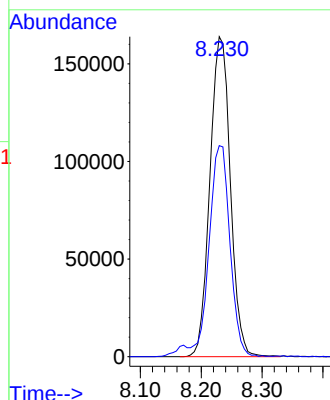
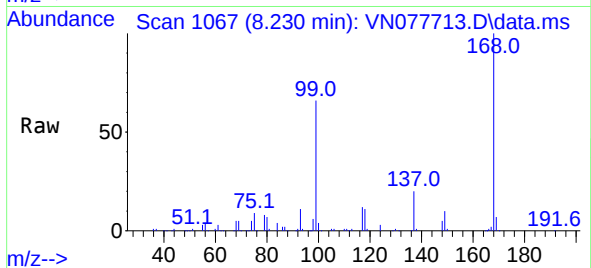




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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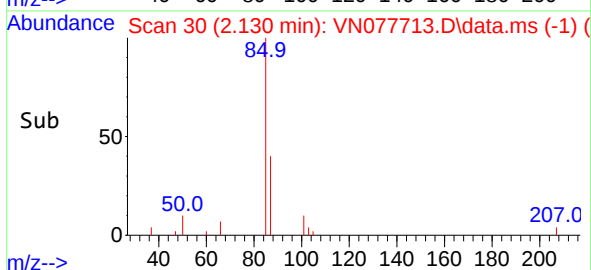
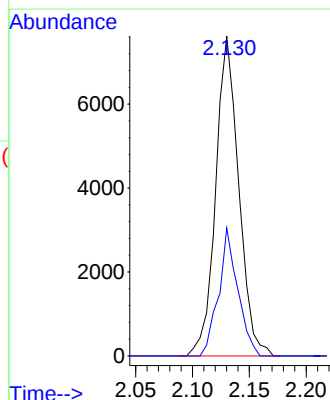
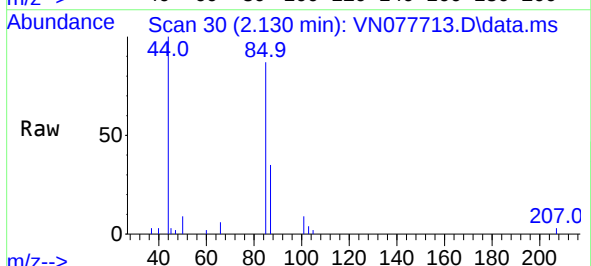
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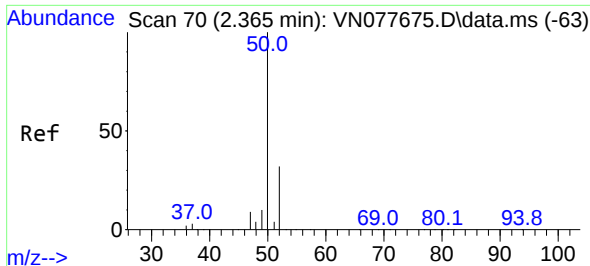
Tgt Ion:168 Resp: 381732
Ion Ratio Lower Upper
168 100
99 65.8 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 2.476 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 85 Resp: 10758
Ion Ratio Lower Upper
85 100
87 40.0 15.8 47.4

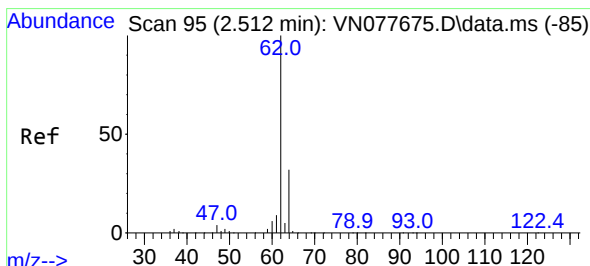
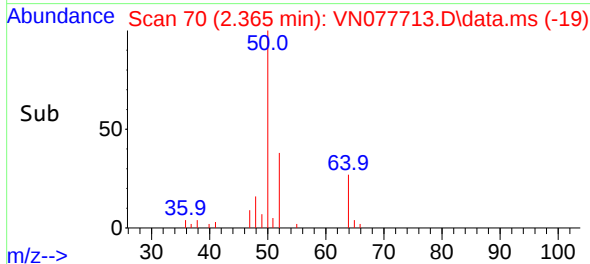
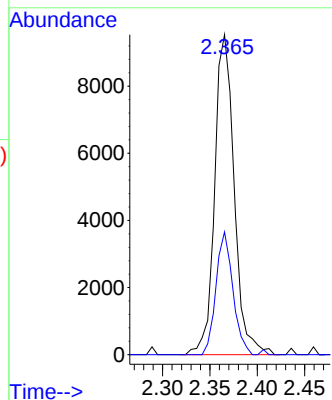
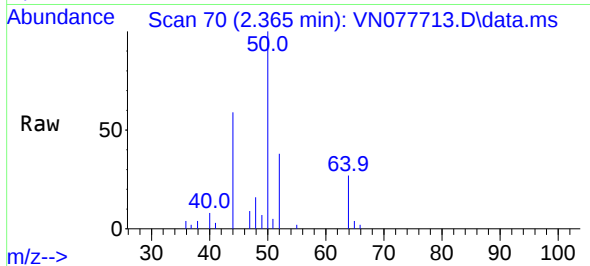




#3
Chloromethane
Concen: 2.636 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

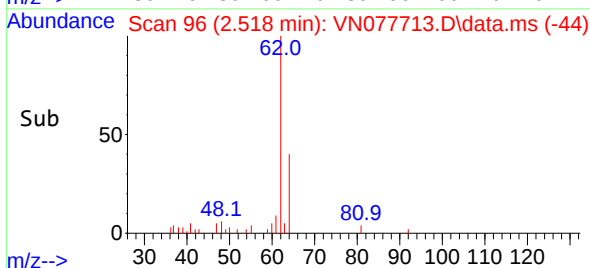
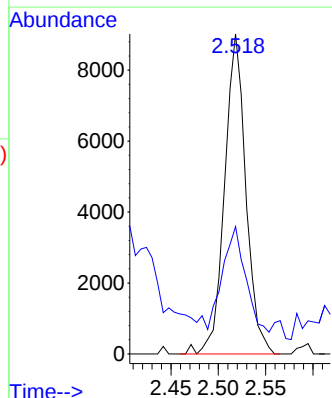
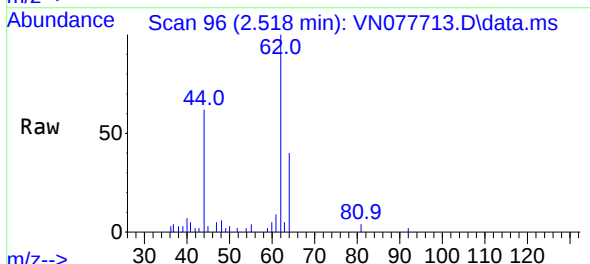
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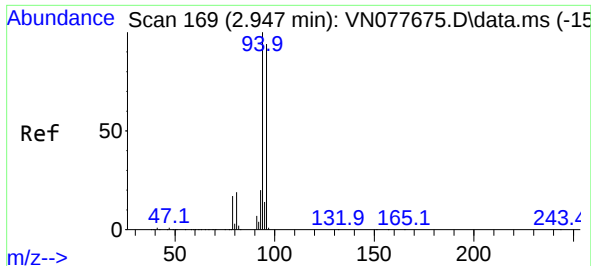
Tgt Ion: 50 Resp: 13728
Ion Ratio Lower Upper
50 100
52 38.3 26.5 39.7



#4
Vinyl Chloride
Concen: 2.577 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 62 Resp: 14115
Ion Ratio Lower Upper
62 100
64 29.4 26.2 39.2

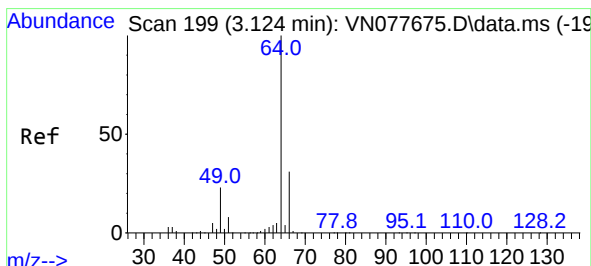
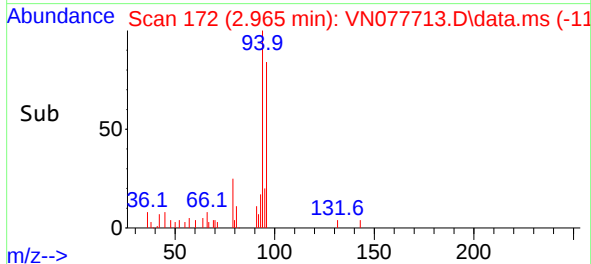
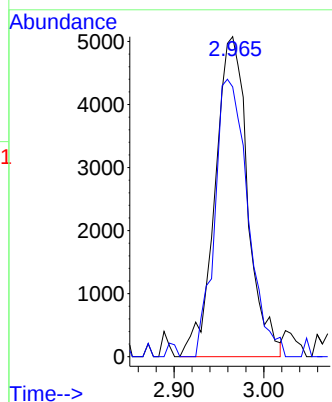
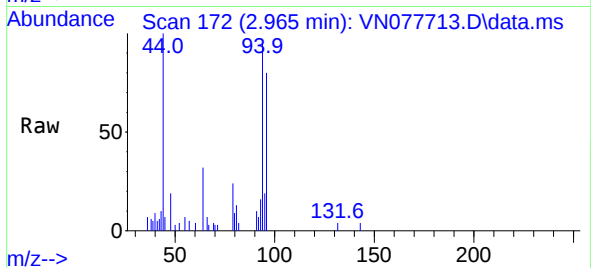




#5
Bromomethane
Concen: 3.174 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

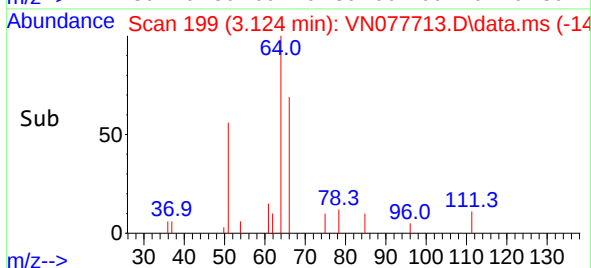
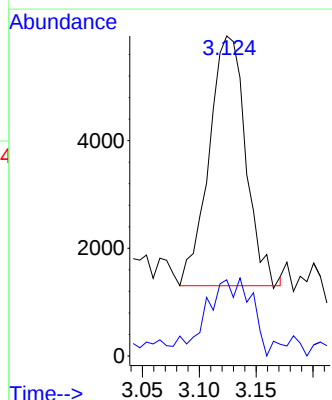
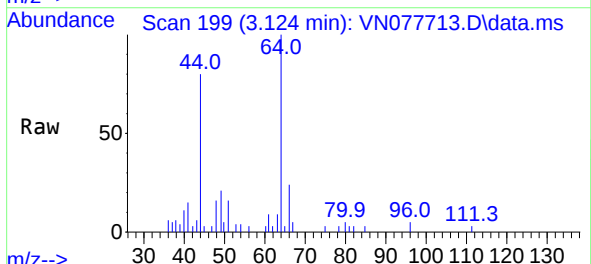
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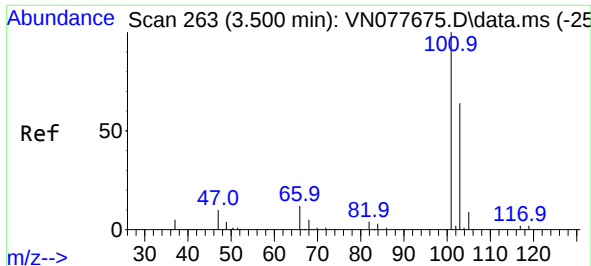
Tgt Ion: 94 Resp: 12857
Ion Ratio Lower Upper
94 100
96 84.3 73.1 109.7



#6
Chloroethane
Concen: 2.640 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 64 Resp: 10420
Ion Ratio Lower Upper
64 100
66 25.8 25.4 38.2

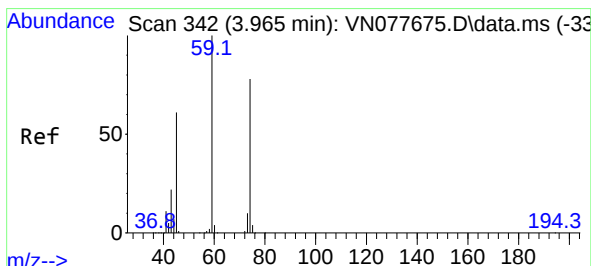
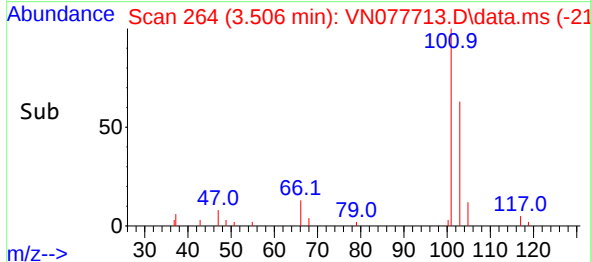
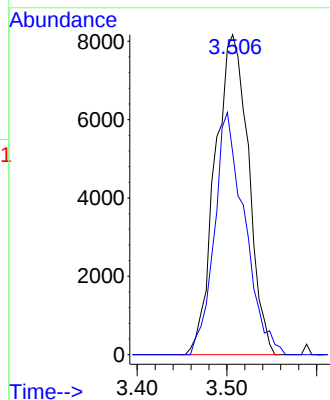
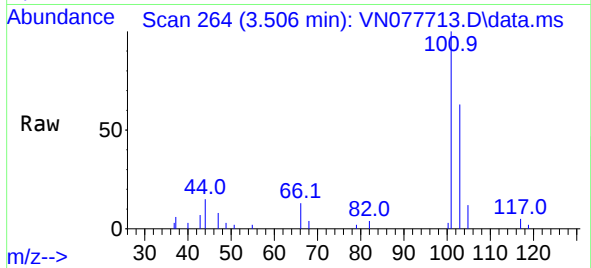




#7
Trichlorofluoromethane
Concen: 2.760 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

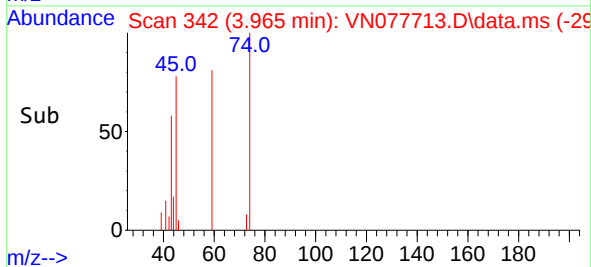
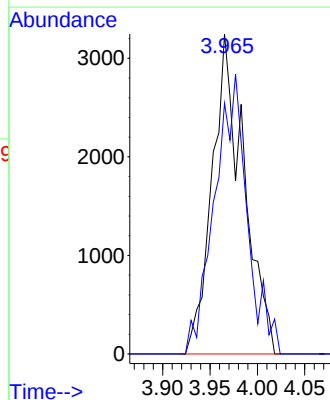
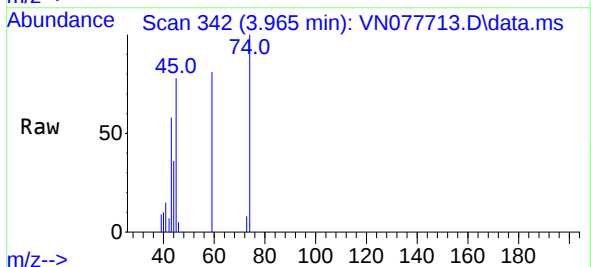
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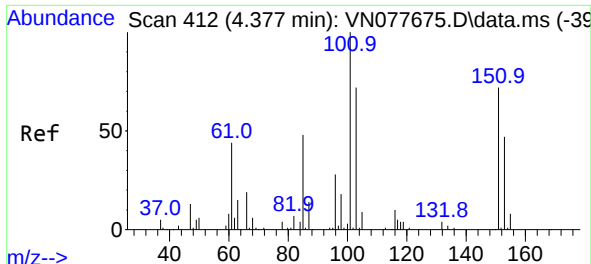
Tgt Ion:101 Resp: 21071
Ion Ratio Lower Upper
101 100
103 63.2 50.7 76.1



#8
Diethyl Ether
Concen: 2.706 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 7542
Ion Ratio Lower Upper
74 100
45 89.9 34.4 103.3

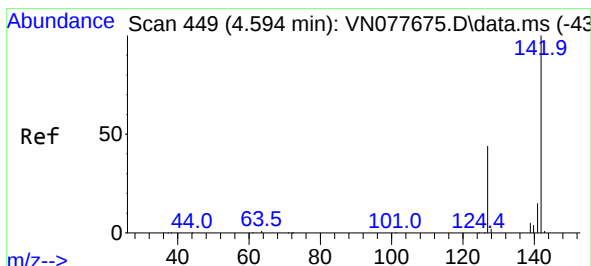
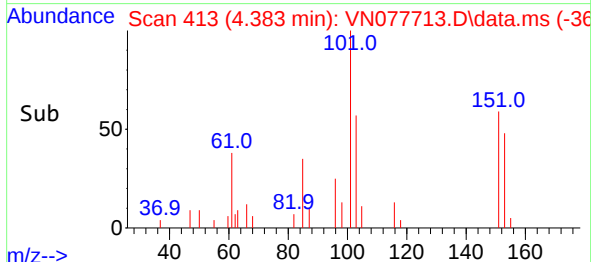
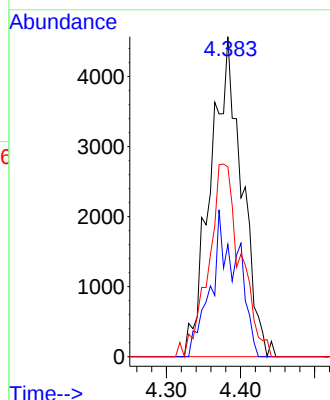
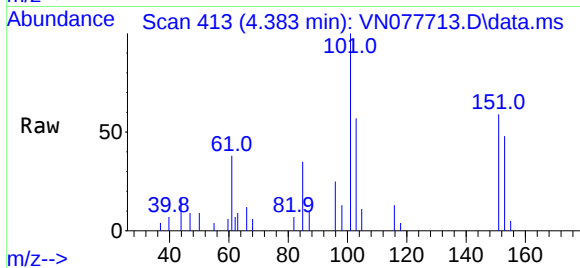




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.177 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

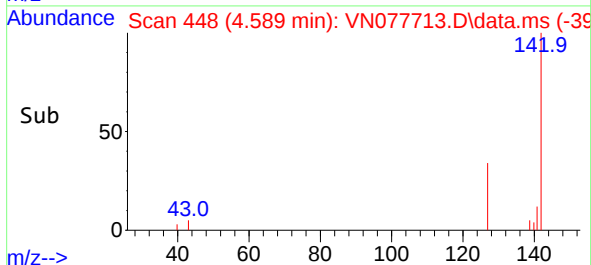
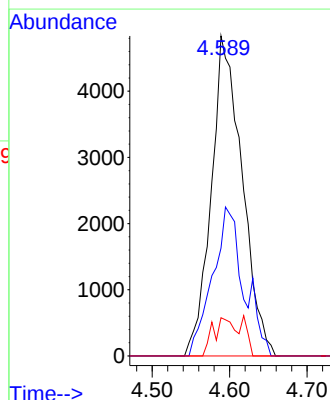
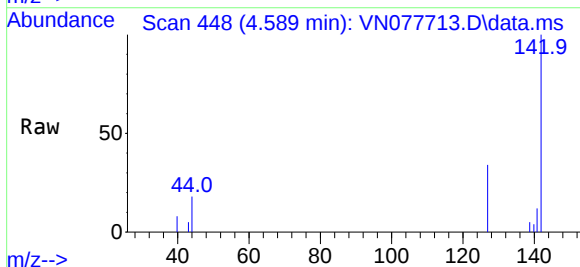
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

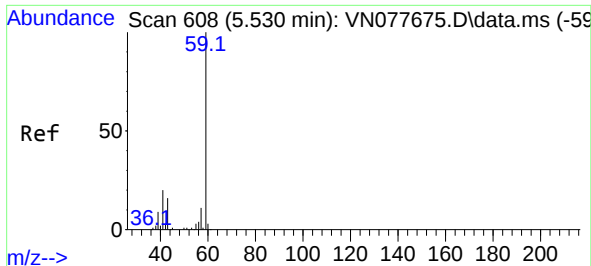
Tgt Ion:101 Resp: 13421
Ion Ratio Lower Upper
101 100
85 26.5 36.6 55.0#
151 61.5 57.6 86.4



#10
Methyl Iodide
Concen: 2.661 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.005 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion:142 Resp: 13406
Ion Ratio Lower Upper
142 100
127 33.7 37.6 56.4#
141 12.0 11.4 17.0

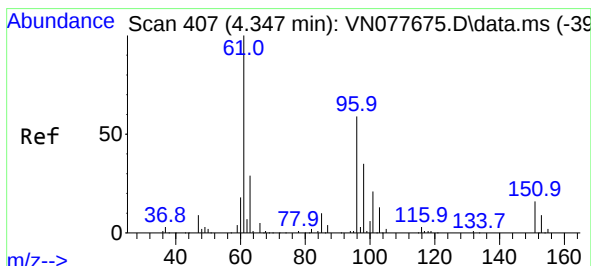
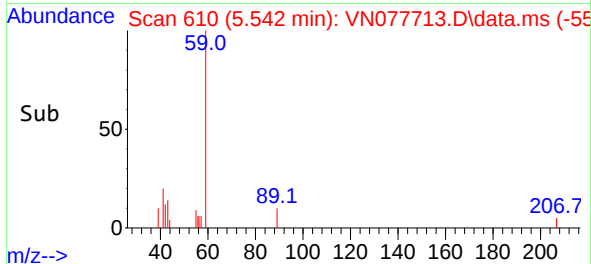
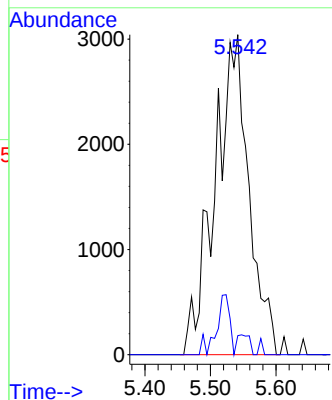
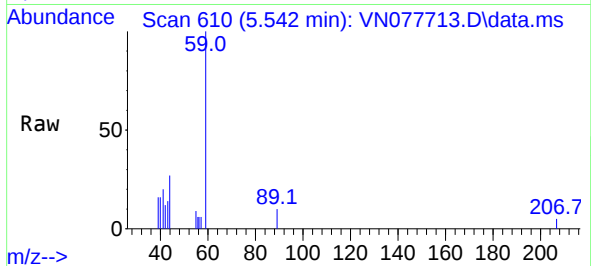




#11
Tert butyl alcohol
Concen: 13.953 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

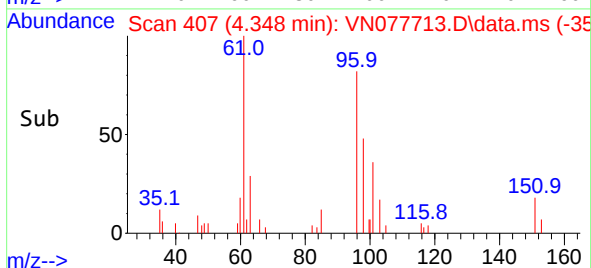
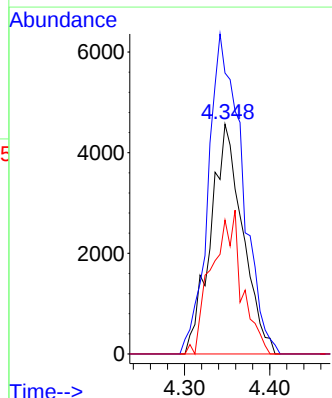
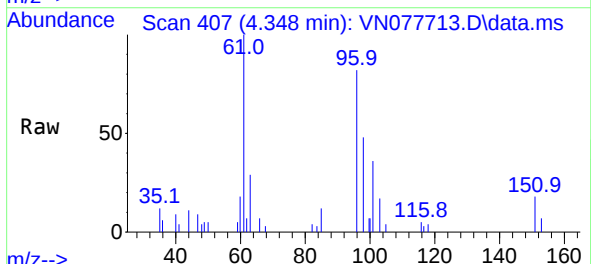
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

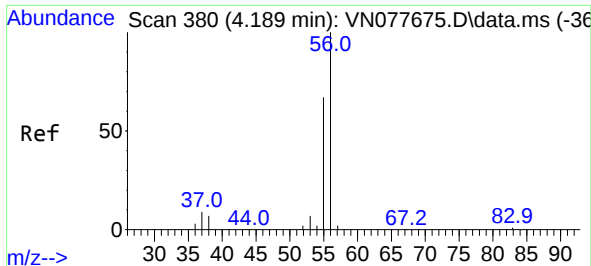
Tgt Ion: 59 Resp: 10999
Ion Ratio Lower Upper
59 100
57 2.3 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 2.985 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 96 Resp: 11986
Ion Ratio Lower Upper
96 100
61 122.2 112.7 169.1
98 58.3 51.2 76.8

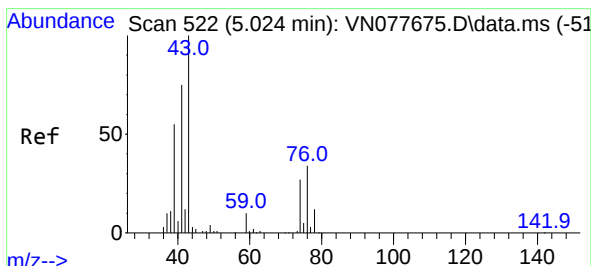
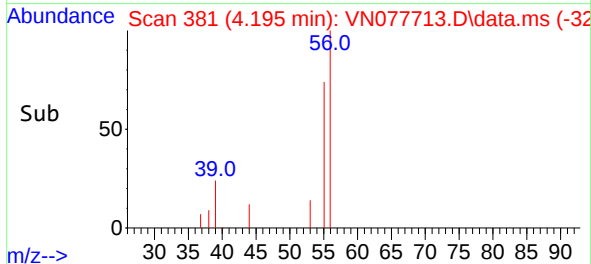
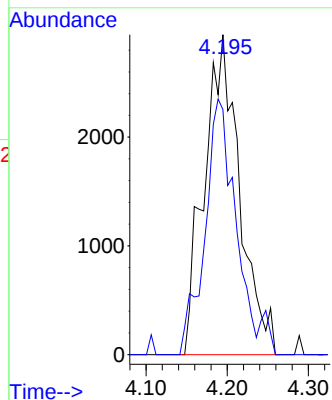
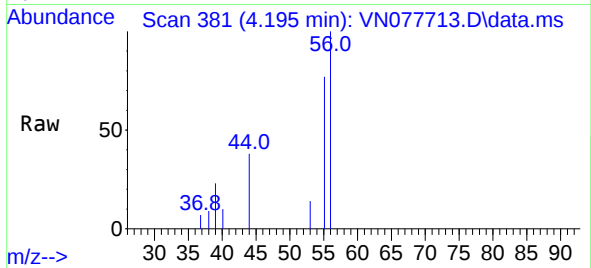




#13
Acrolein
Concen: 15.904 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

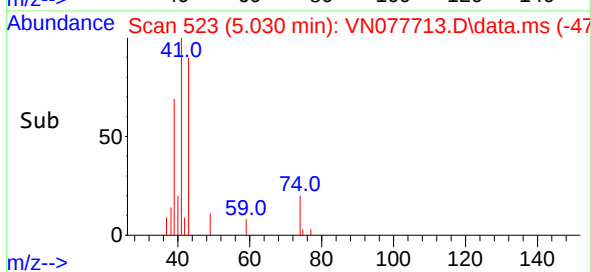
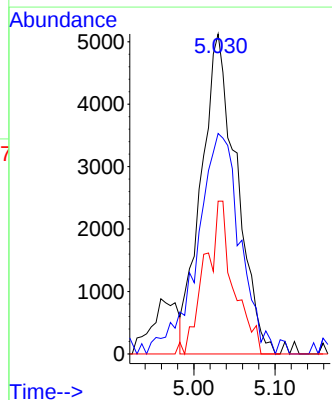
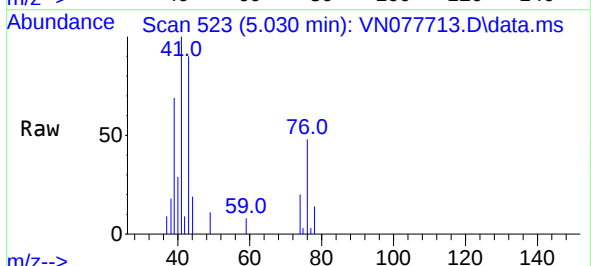
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

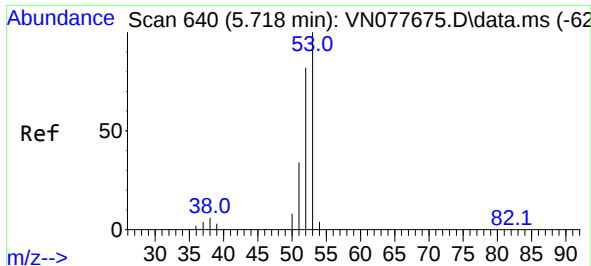
Tgt Ion: 56 Resp: 8915
Ion Ratio Lower Upper
56 100
55 68.0 54.5 81.7



#14
Allyl chloride
Concen: 2.626 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 41 Resp: 15489
Ion Ratio Lower Upper
41 100
39 83.9 58.8 88.2
76 38.7 39.1 58.7#

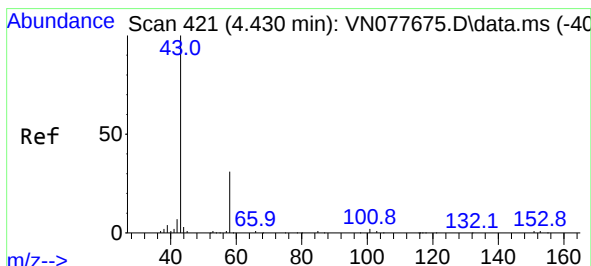
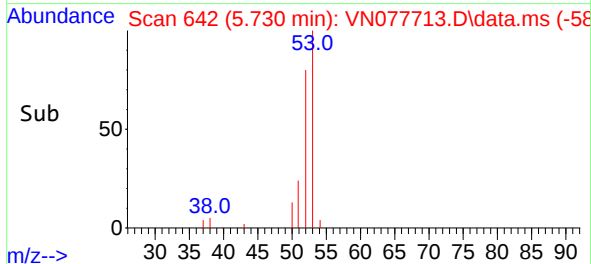
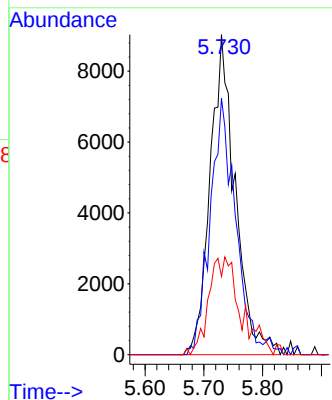
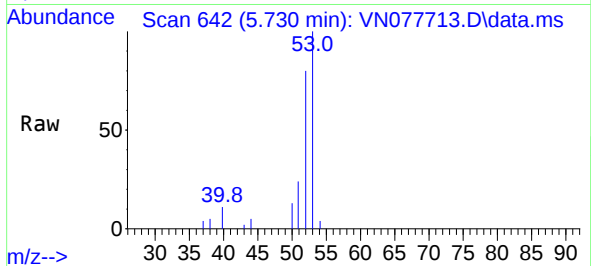




#15
Acrylonitrile
Concen: 12.717 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

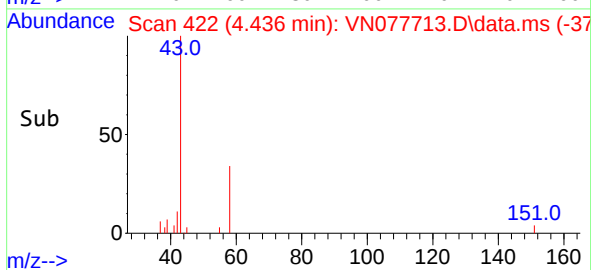
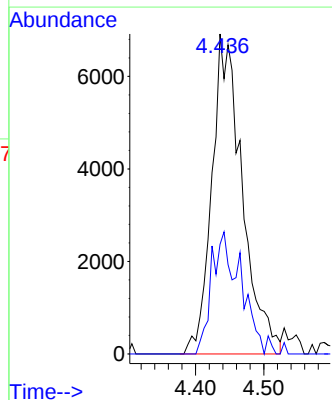
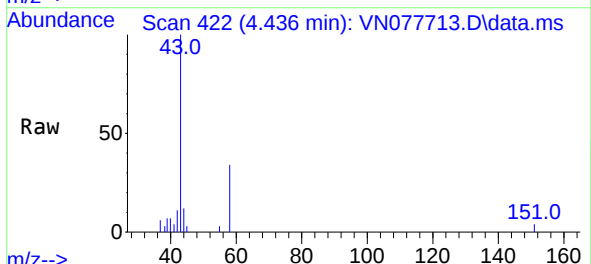
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

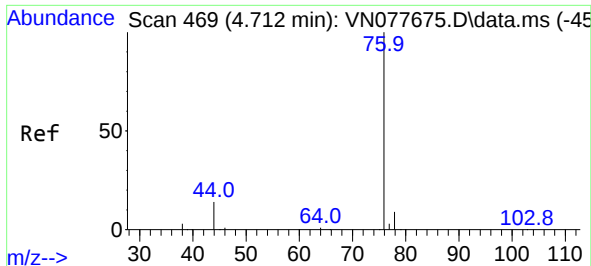
Tgt Ion: 53 Resp: 26782
Ion Ratio Lower Upper
53 100
52 80.0 65.3 97.9
51 17.0 28.9 43.3#



#16
Acetone
Concen: 11.907 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 43 Resp: 21397
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0

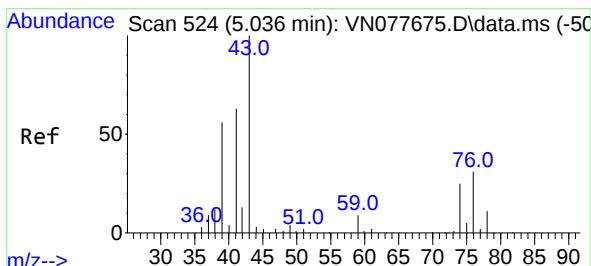
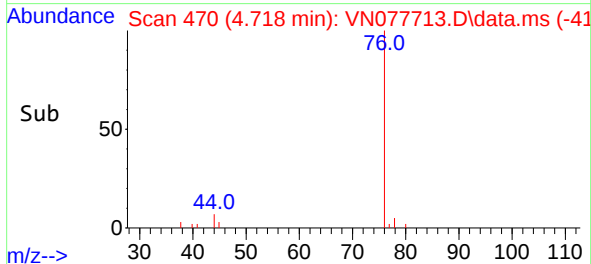
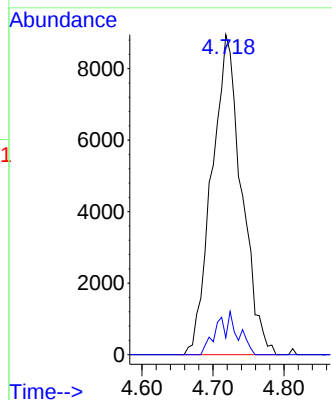
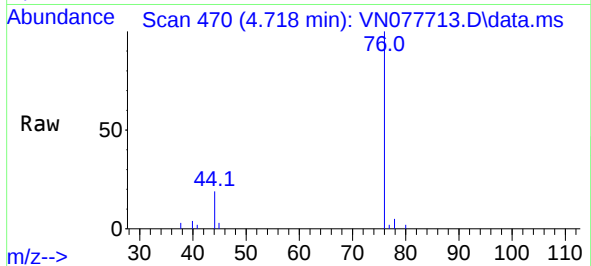




#17
Carbon Disulfide
Concen: 2.409 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

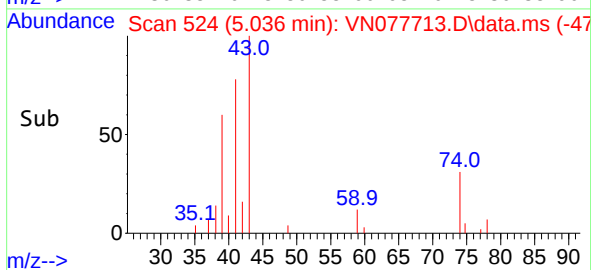
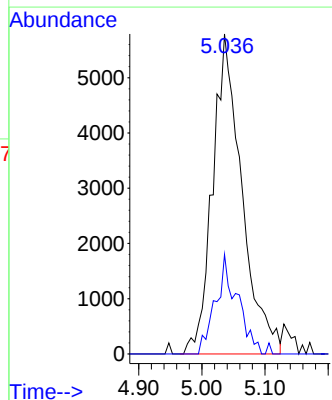
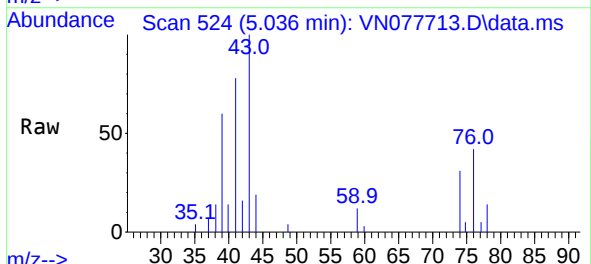
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

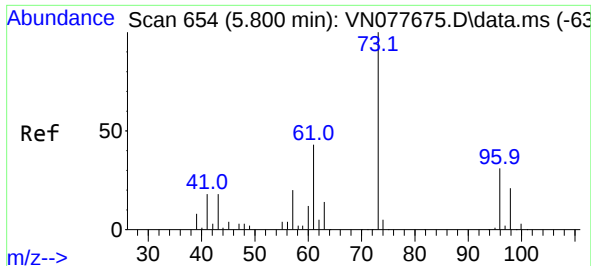
Tgt Ion: 76 Resp: 26058
Ion Ratio Lower Upper
76 100
78 5.3 7.4 11.0#



#18
Methyl Acetate
Concen: 2.473 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 43 Resp: 18643
Ion Ratio Lower Upper
43 100
74 23.2 26.2 39.4#





#19

Methyl tert-butyl Ether

Concen: 2.698 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

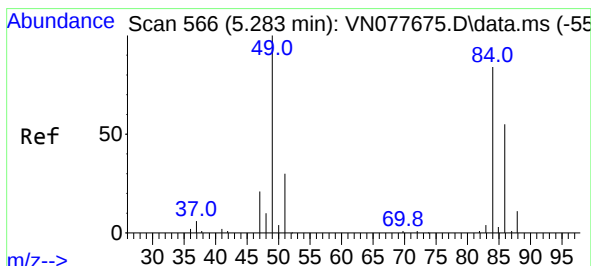
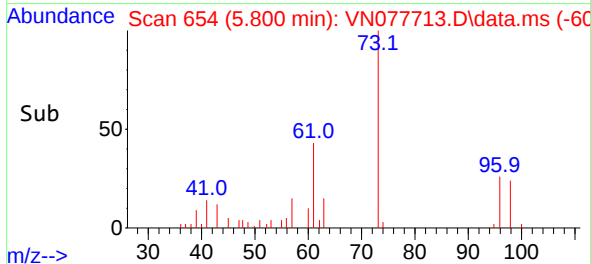
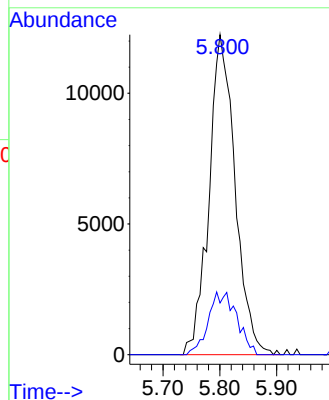
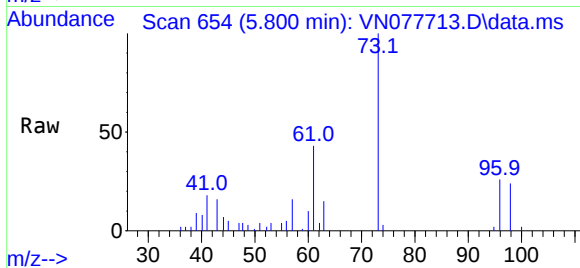
MDL-WATER-03-QT2-2023

Tgt Ion: 73 Resp: 39204

Ion Ratio Lower Upper

73 100

57 16.2 15.6 23.4



#20

Methylene Chloride

Concen: 2.772 ug/l

RT: 5.283 min Scan# 566

Delta R.T. -0.000 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

Tgt Ion: 84 Resp: 14921

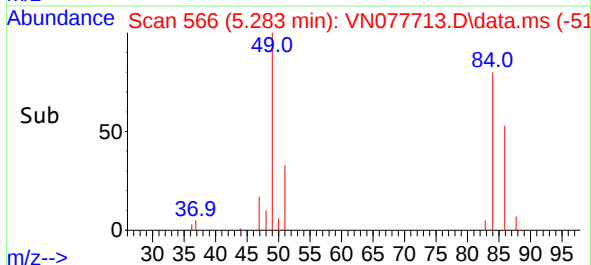
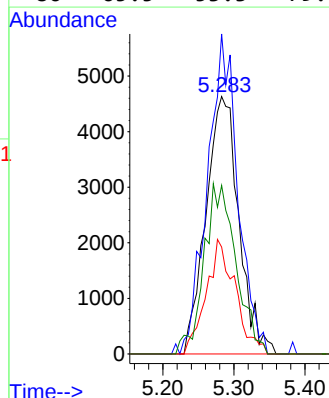
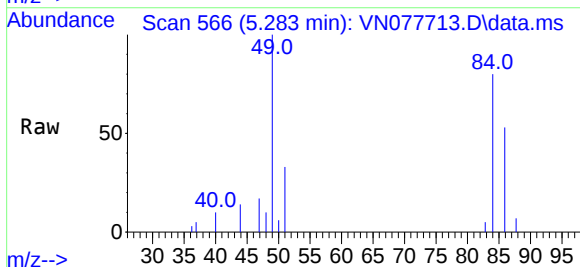
Ion Ratio Lower Upper

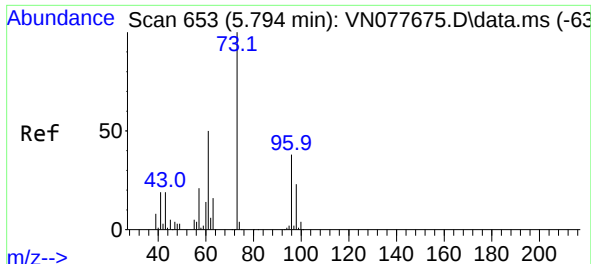
84 100

49 124.3 79.7 119.5#

51 41.5 25.2 37.8#

86 65.5 53.3 79.9

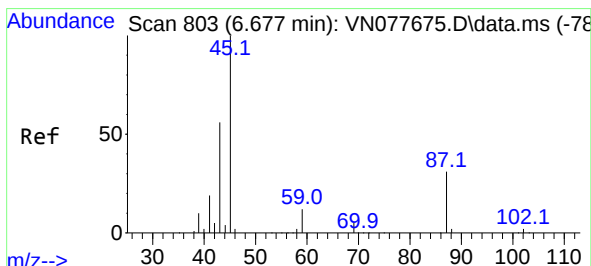
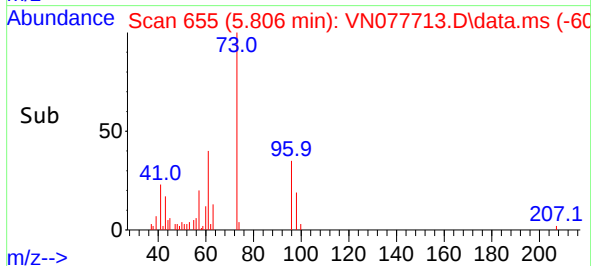
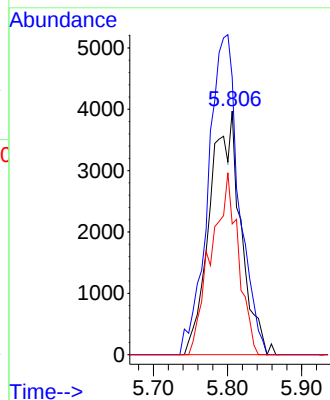
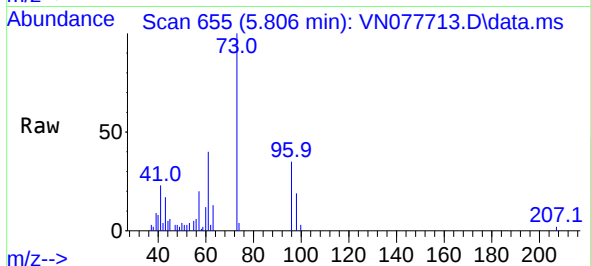




#21
trans-1,2-Dichloroethene
Concen: 2.555 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

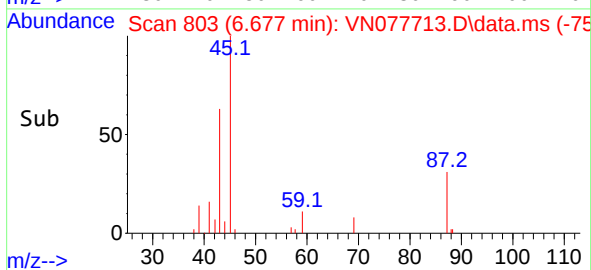
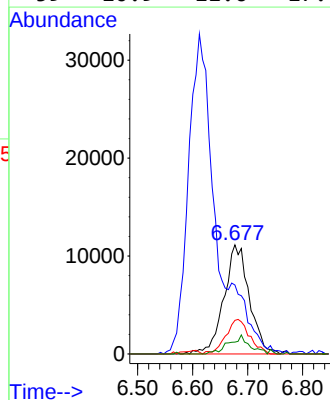
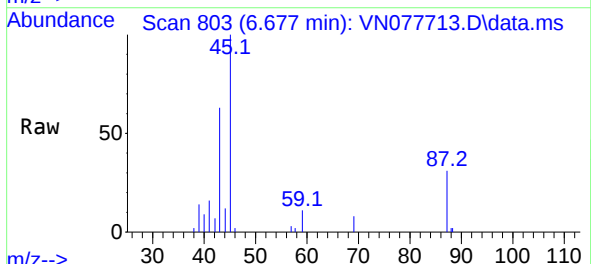
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

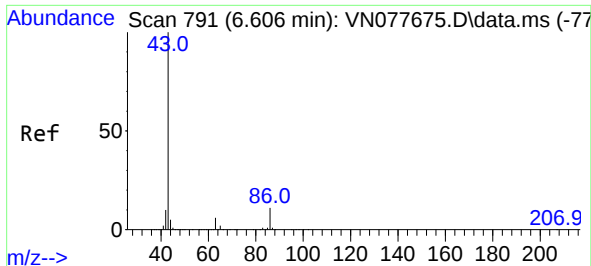
Tgt Ion: 96 Resp: 11523
Ion Ratio Lower Upper
96 100
61 113.8 90.1 135.1
98 53.7 46.4 69.6



#22
Diisopropyl ether
Concen: 2.582 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 45 Resp: 35701
Ion Ratio Lower Upper
45 100
43 60.6 45.5 68.3
87 30.9 31.8 47.8#
59 10.9 11.6 17.4#

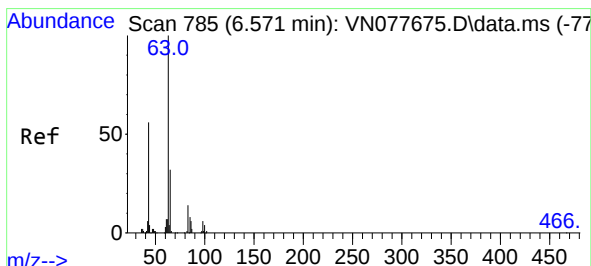
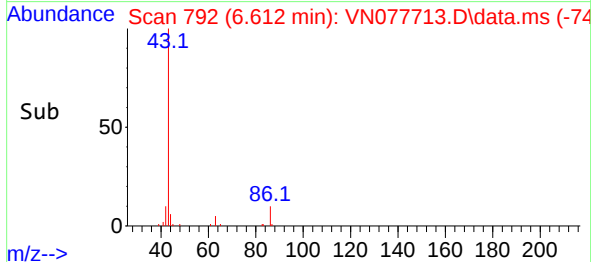
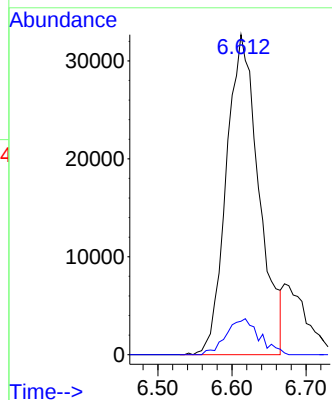
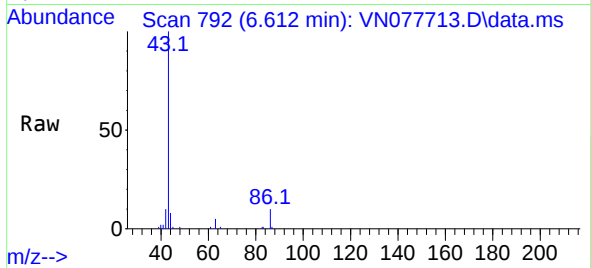




#23
 Vinyl Acetate
 Concen: 11.670 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077713.D
 Acq: 17 May 2023 14:56

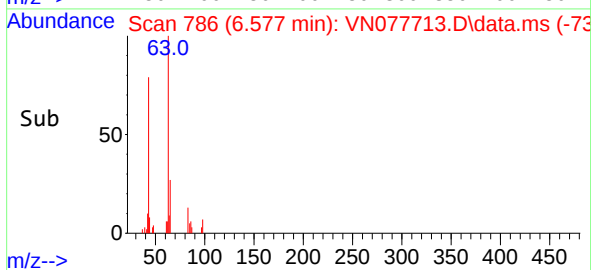
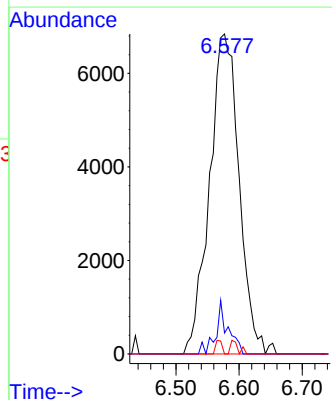
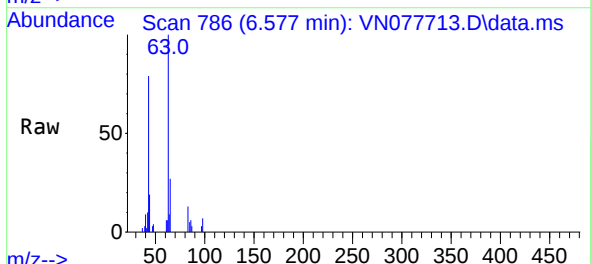
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2023

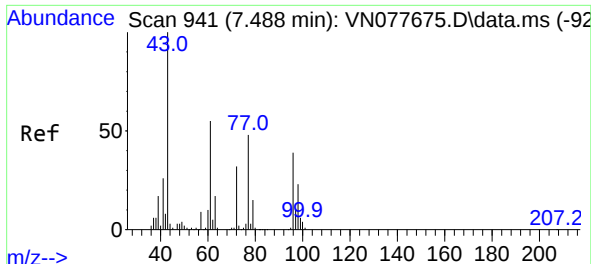
Tgt Ion: 43 Resp: 99965
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 2.635 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077713.D
 Acq: 17 May 2023 14:56

Tgt Ion: 63 Resp: 22315
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 11.823 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN077713.D

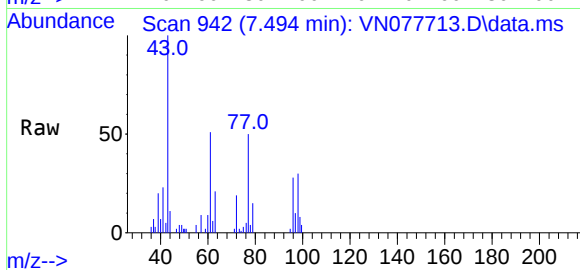
Acq: 17 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

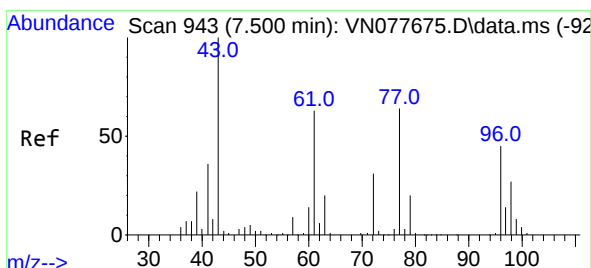
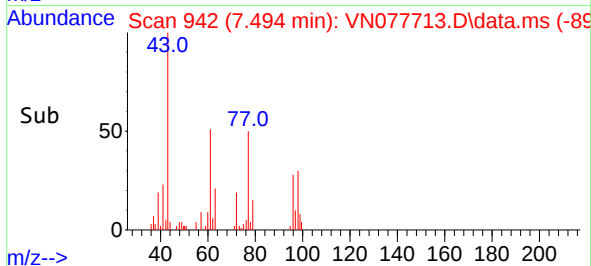
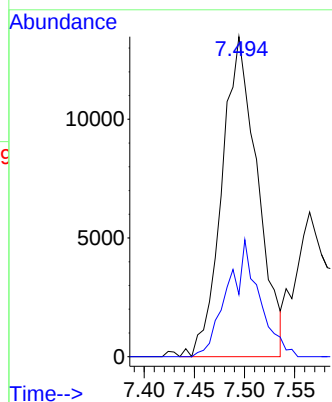


Tgt Ion: 43 Resp: 33235

Ion Ratio Lower Upper

43 100

72 19.5 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 2.494 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN077713.D

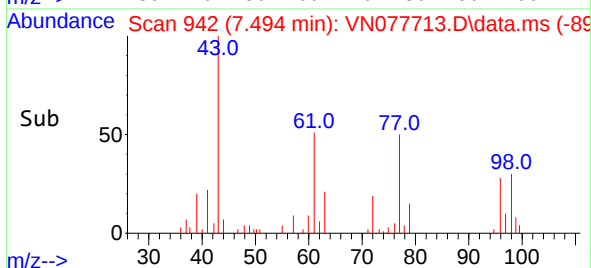
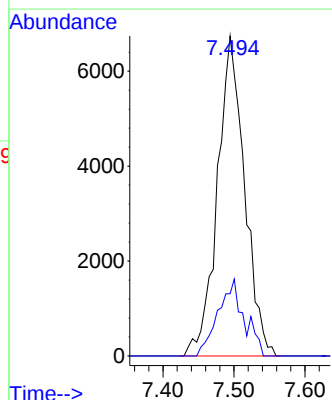
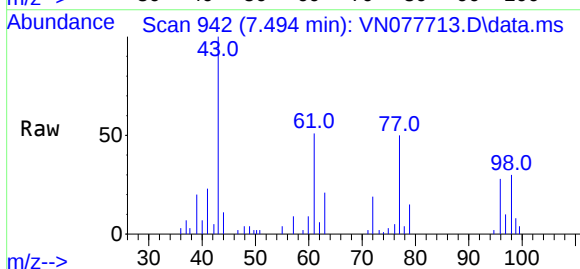
Acq: 17 May 2023 14:56

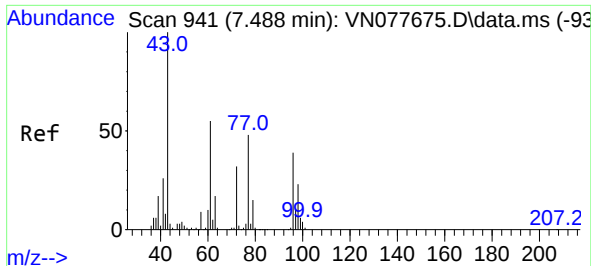
Tgt Ion: 77 Resp: 17944

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.6

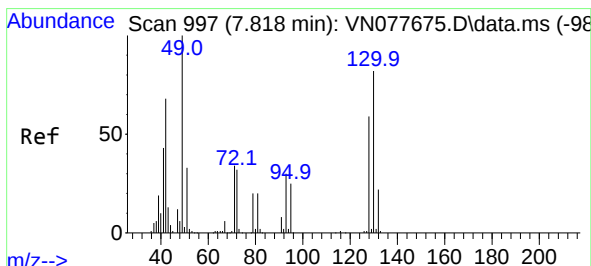
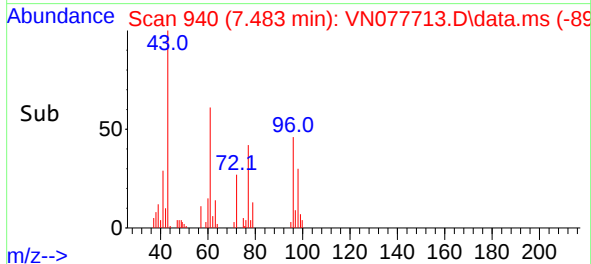
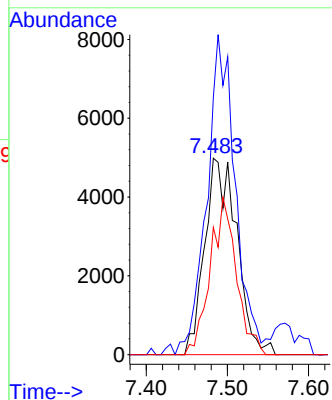
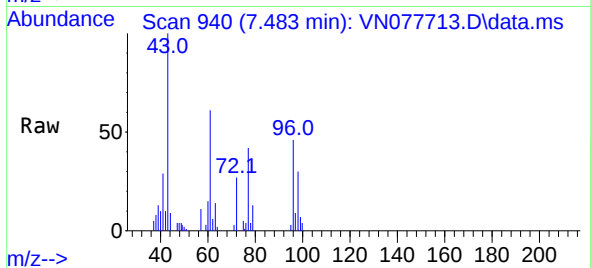




#27
 cis-1,2-Dichloroethene
 Concen: 2.533 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.005 min
 Lab File: VN077713.D
 Acq: 17 May 2023 14:56

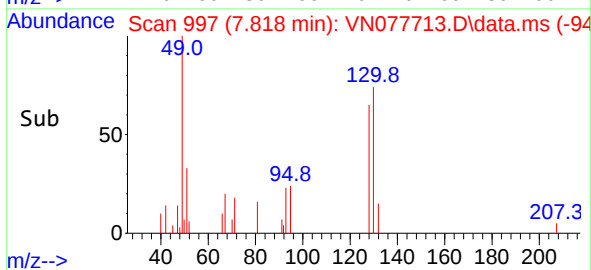
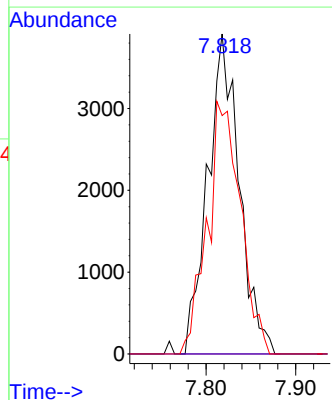
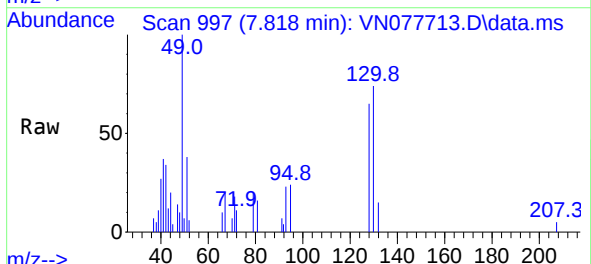
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2023

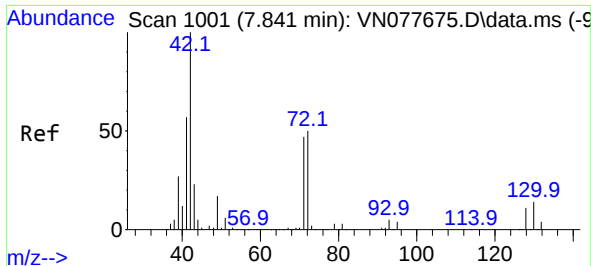
Tgt Ion:	96	Resp:	13697
Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	255.2
98	65.5	0.0	128.8



#28
 Bromochloromethane
 Concen: 2.600 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077713.D
 Acq: 17 May 2023 14:56

Tgt Ion:	49	Resp:	9522
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	83.3	75.3	112.9





#29

Tetrahydrofuran

Concen: 11.929 ug/l

RT: 7.853 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

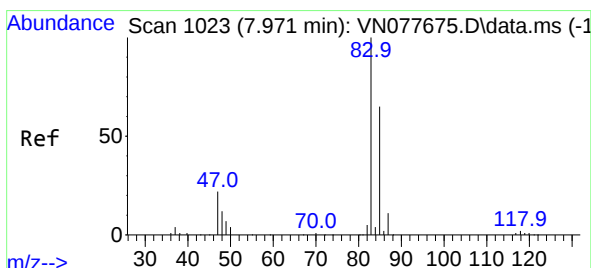
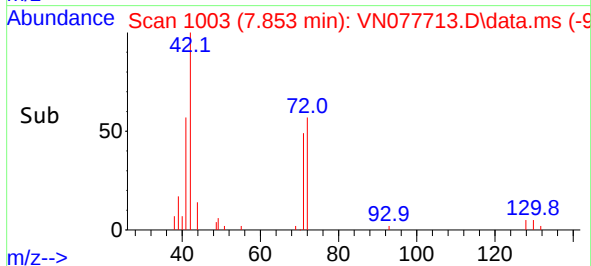
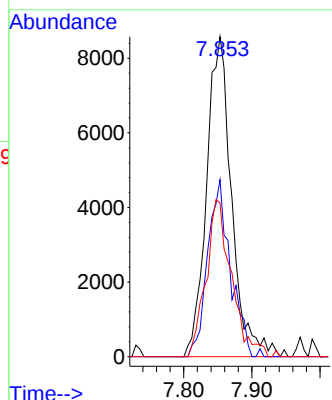
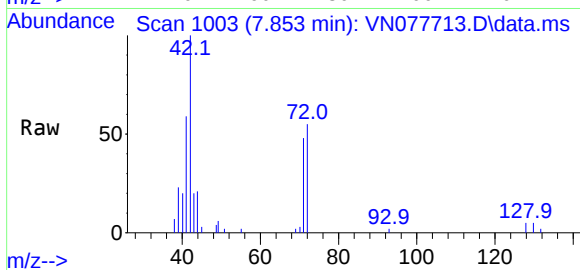
Tgt Ion: 42 Resp: 21957

Ion Ratio Lower Upper

42 100

72 50.1 49.8 74.6

71 49.6 47.4 71.2



#30

Chloroform

Concen: 2.735 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077713.D

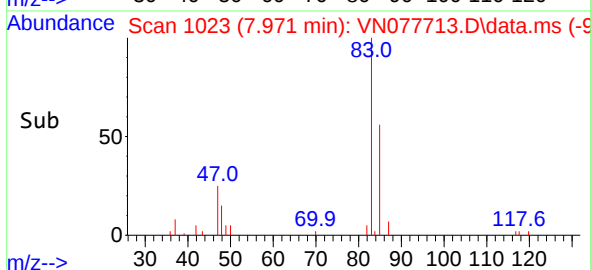
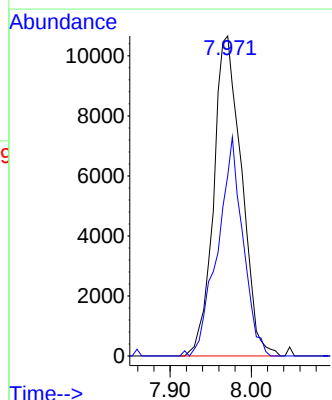
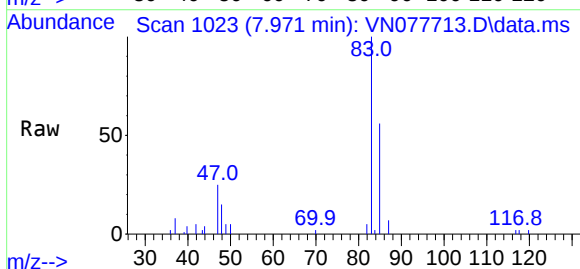
Acq: 17 May 2023 14:56

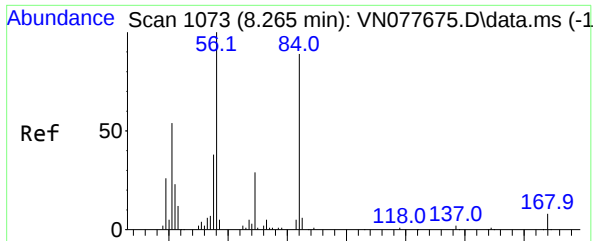
Tgt Ion: 83 Resp: 25478

Ion Ratio Lower Upper

83 100

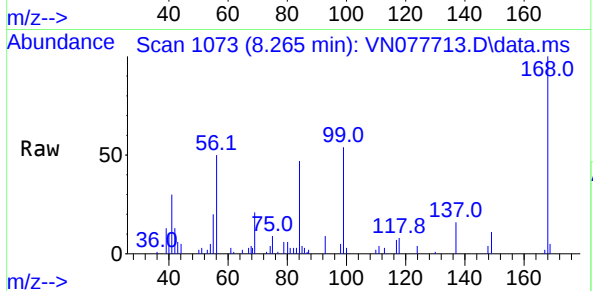
85 56.3 55.4 83.0



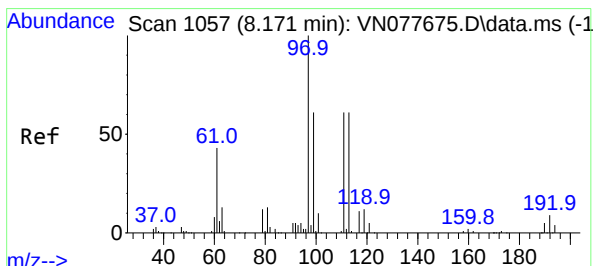
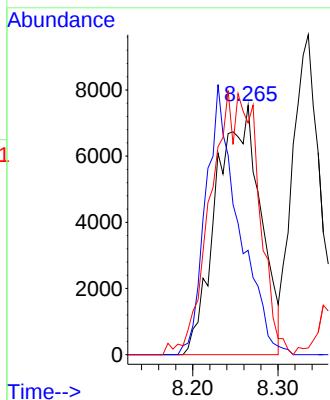
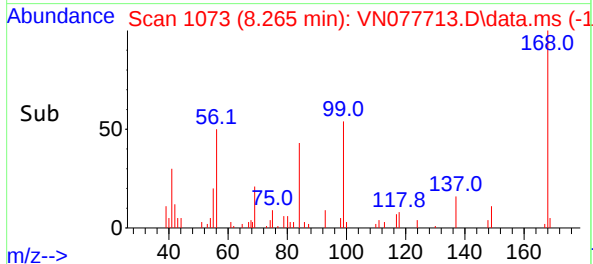


#31
Cyclohexane
Concen: 3.493 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

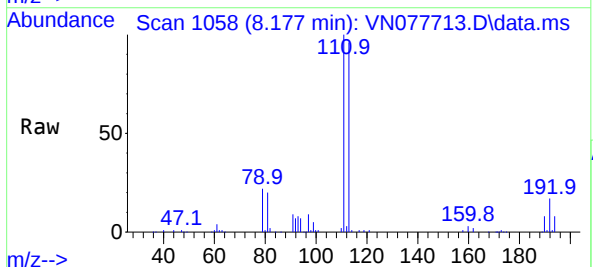
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023



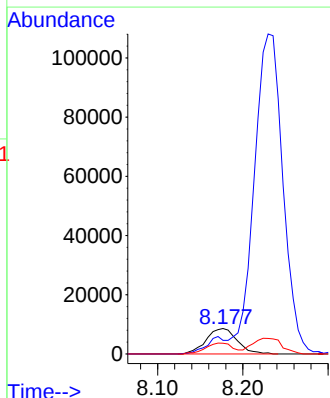
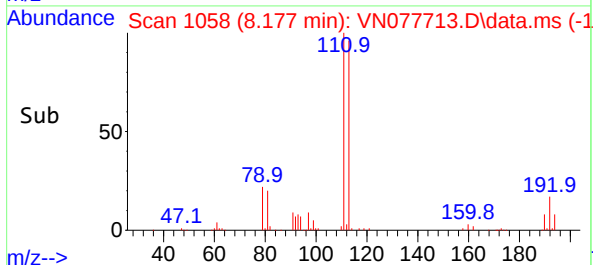
Tgt Ion: 56 Resp: 27114
Ion Ratio Lower Upper
56 100
69 41.8 26.8 40.2#
84 88.7 81.8 122.6

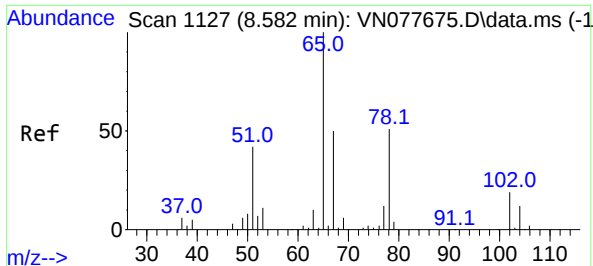


#32
1,1,1-Trichloroethane
Concen: 2.743 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56



Tgt Ion: 97 Resp: 21731
Ion Ratio Lower Upper
97 100
99 38.1 50.3 75.5#
61 39.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.169 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

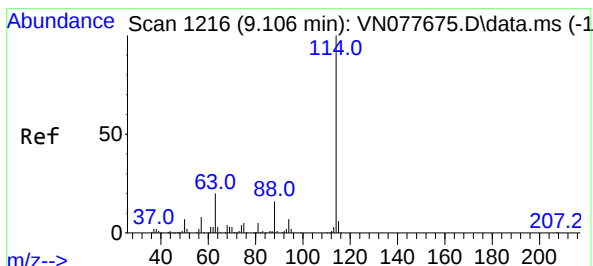
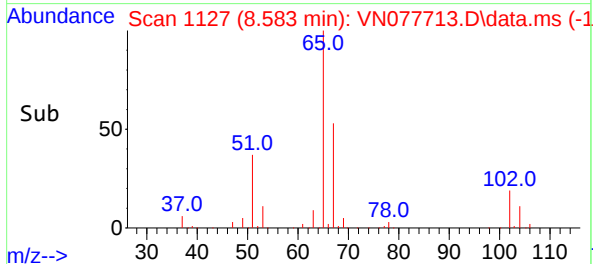
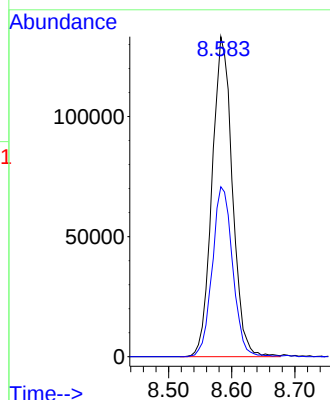
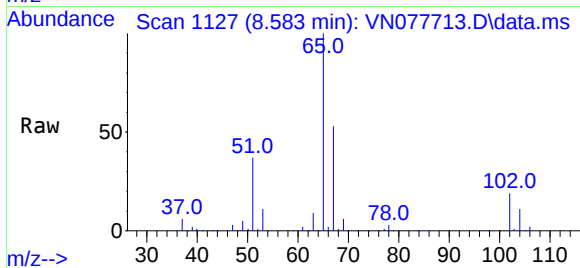
MDL-WATER-03-QT2-2023

Tgt Ion: 65 Resp: 297975

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

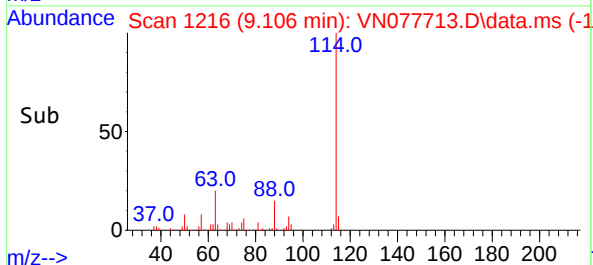
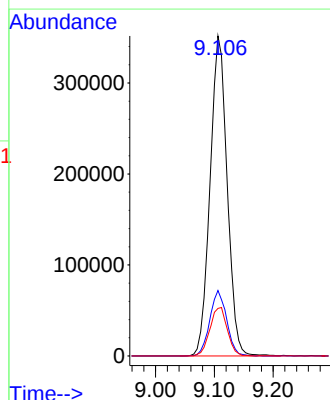
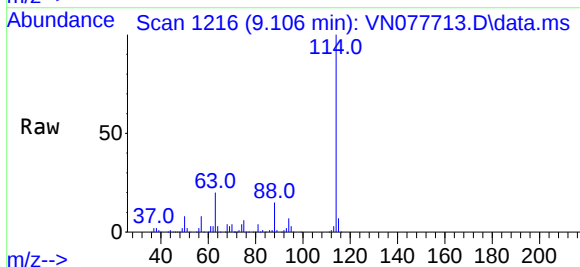
Tgt Ion: 114 Resp: 710568

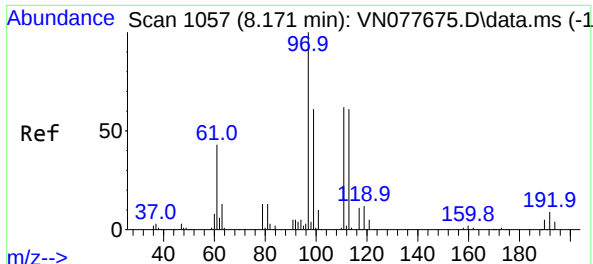
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 14.9 0.0 30.6

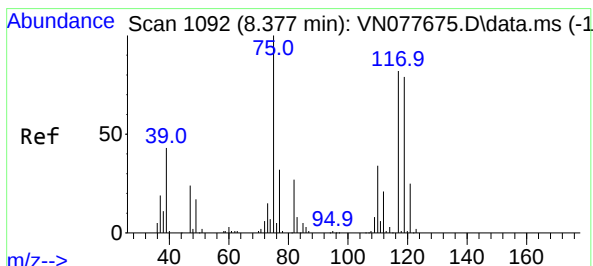
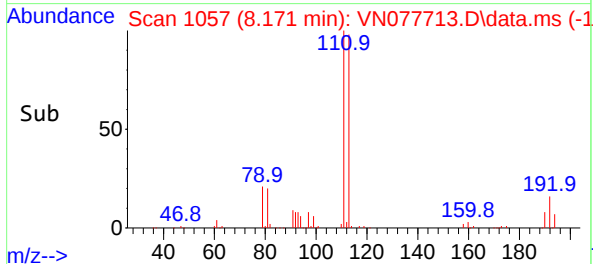
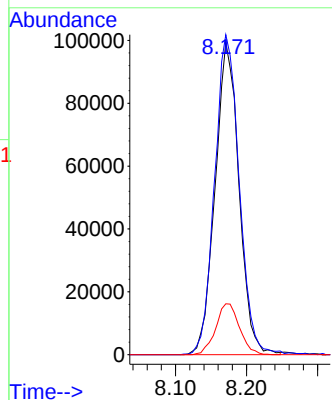
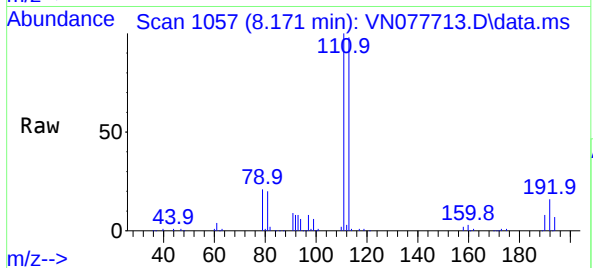




#35
Dibromofluoromethane
Concen: 49.970 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

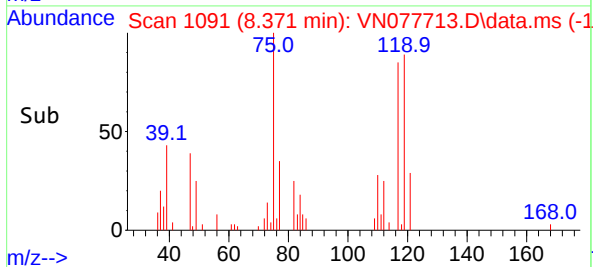
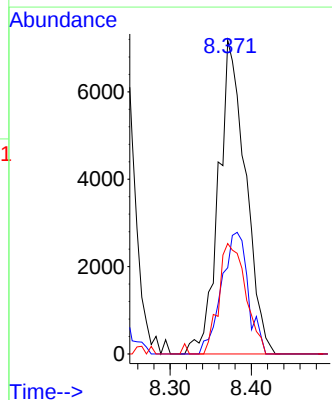
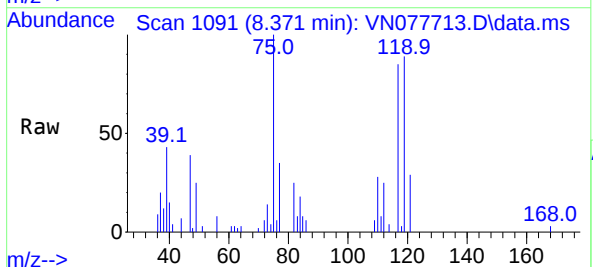
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

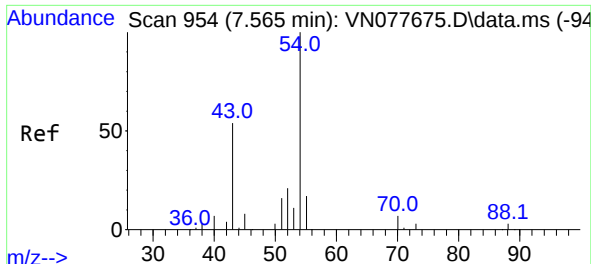
Tgt Ion:113 Resp: 231539
Ion Ratio Lower Upper
113 100
111 105.9 82.6 123.8
192 16.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 2.456 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 75 Resp: 16645
Ion Ratio Lower Upper
75 100
110 38.0 19.1 57.3
77 35.0 25.0 37.4

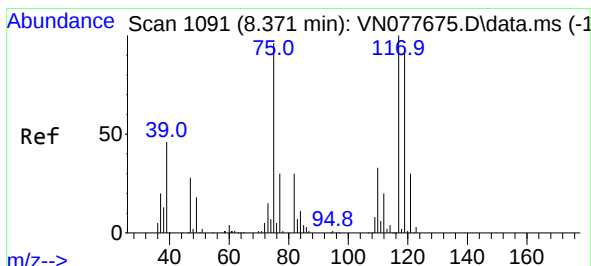
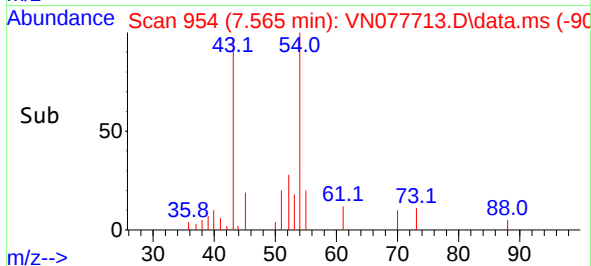
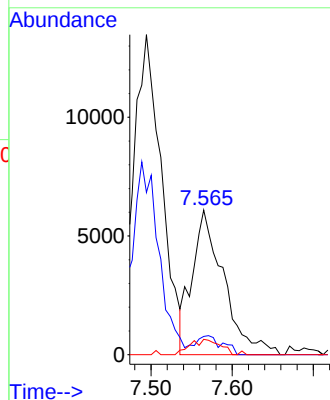
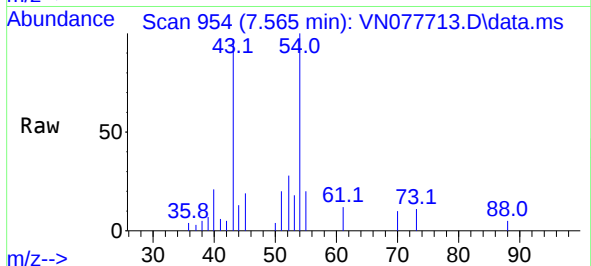




#37
Ethyl Acetate
Concen: 2.741 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

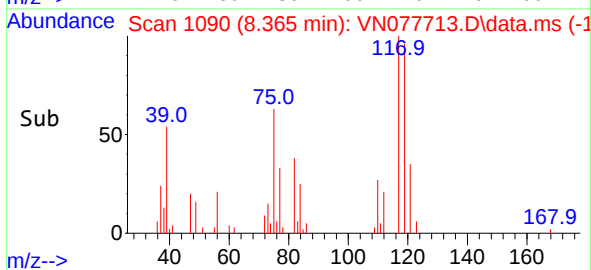
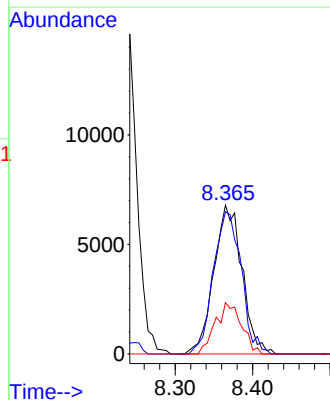
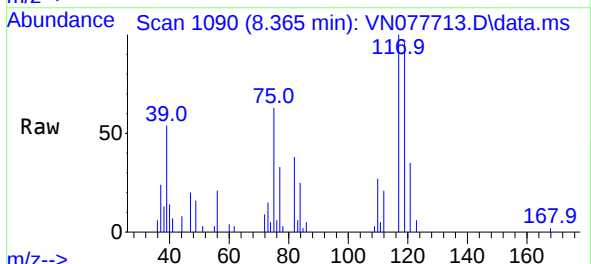
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

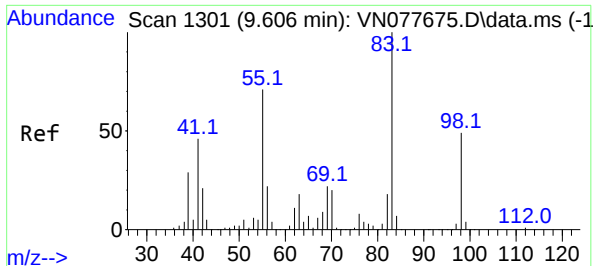
Tgt Ion: 43 Resp: 16556
Ion Ratio Lower Upper
43 100
61 9.7 13.2 19.8#
70 9.9 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 2.518 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 117 Resp: 17235
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9
121 34.6 23.3 34.9





#39

Methylcyclohexane

Concen: 2.404 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

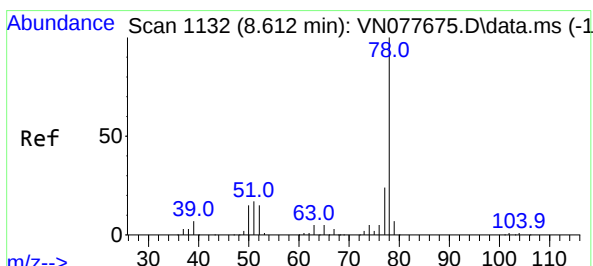
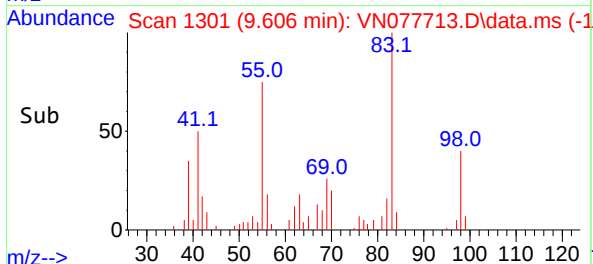
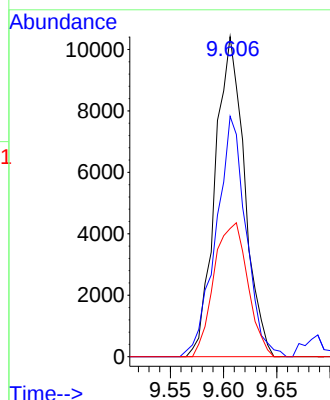
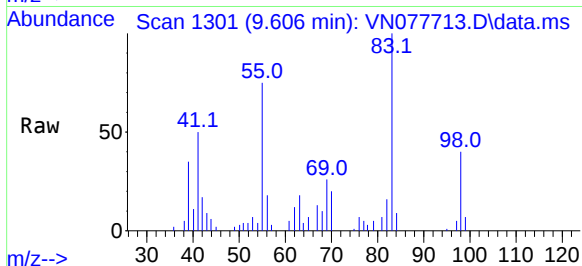
Tgt Ion: 83 Resp: 19943

Ion Ratio Lower Upper

83 100

55 75.1 49.1 73.7#

98 40.1 40.6 61.0#



#40

Benzene

Concen: 2.556 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077713.D

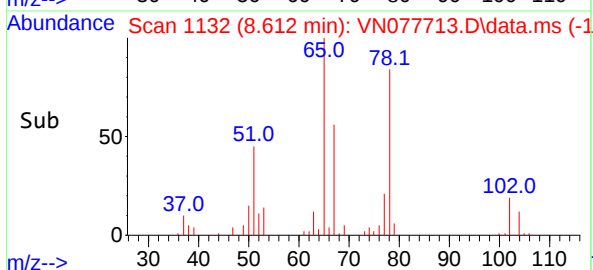
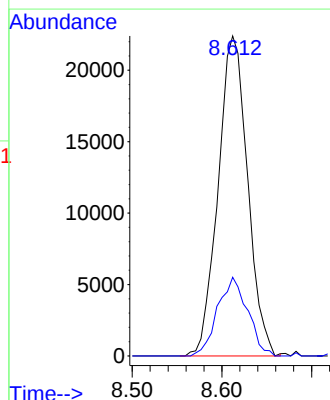
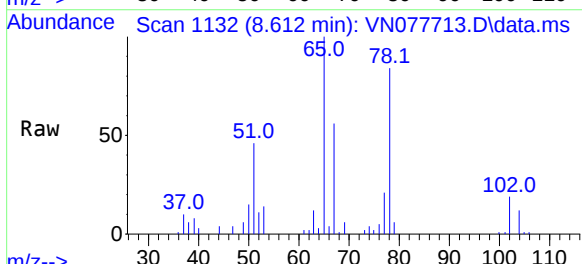
Acq: 17 May 2023 14:56

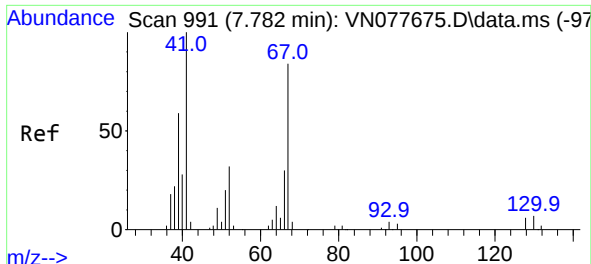
Tgt Ion: 78 Resp: 51125

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6



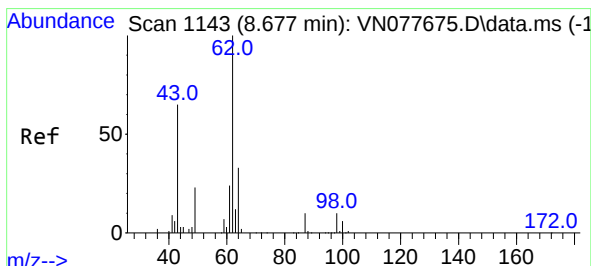
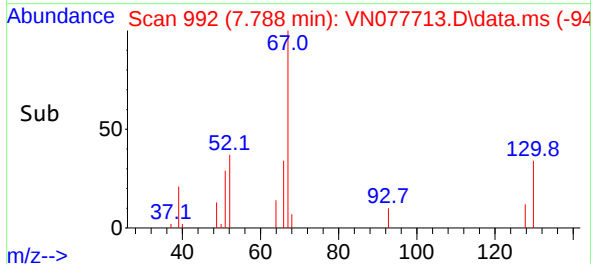
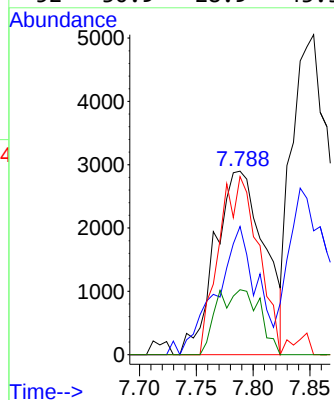
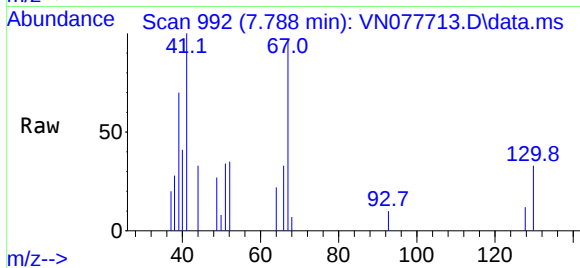


#41
Methacrylonitrile
Concen: 2.713 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

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

Tgt Ion: 41 Resp: 8727

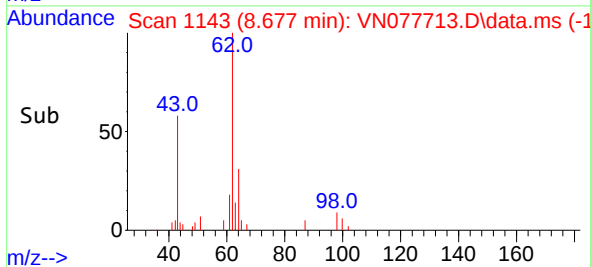
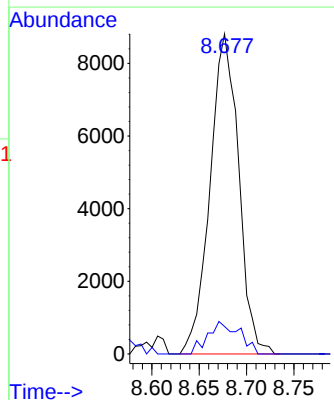
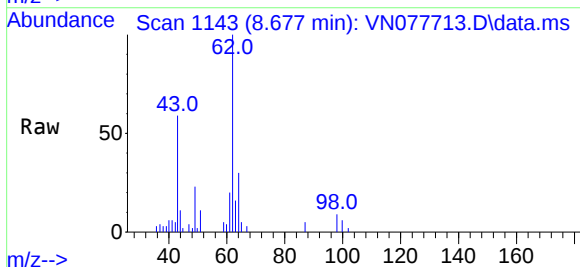
Ion	Ratio	Lower	Upper
41	100		
39	57.4	42.6	64.0
67	79.6	77.5	116.3
52	30.9	28.9	43.3

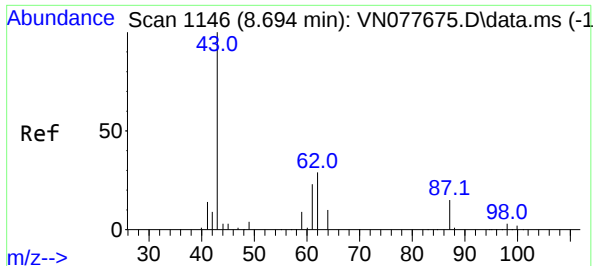


#42
1,2-Dichloroethane
Concen: 2.551 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 62 Resp: 18530

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	19.8

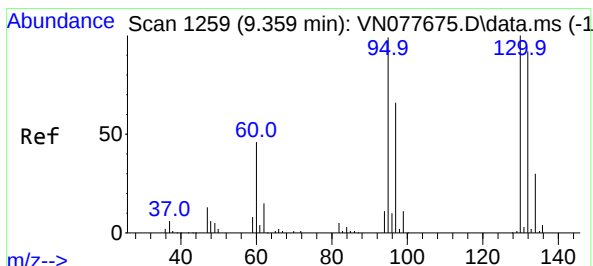
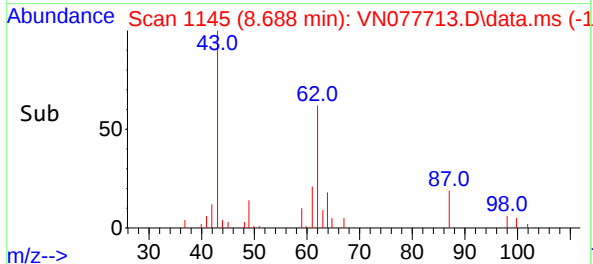
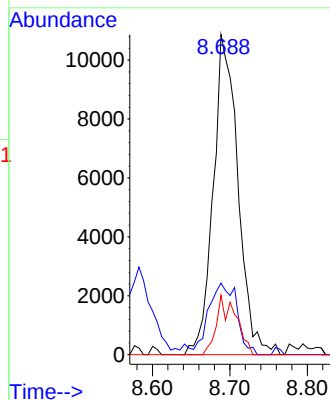
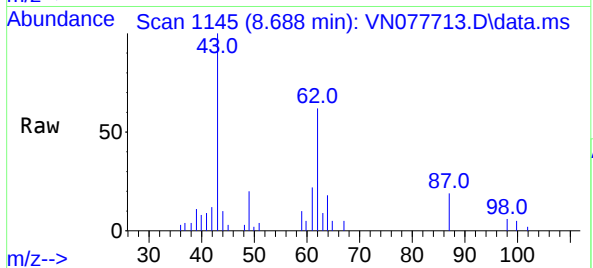




#43
Isopropyl Acetate
Concen: 2.457 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

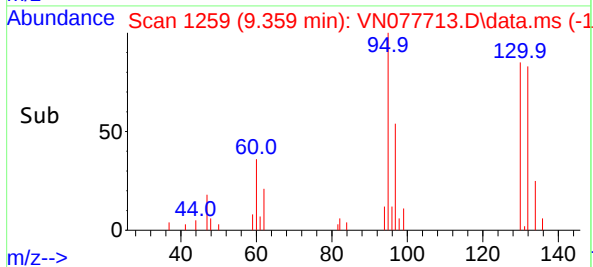
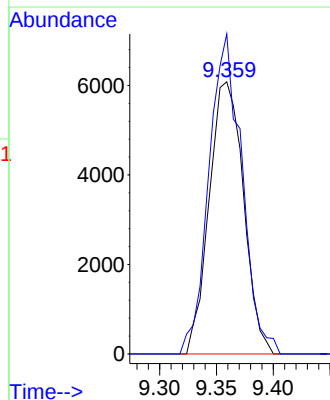
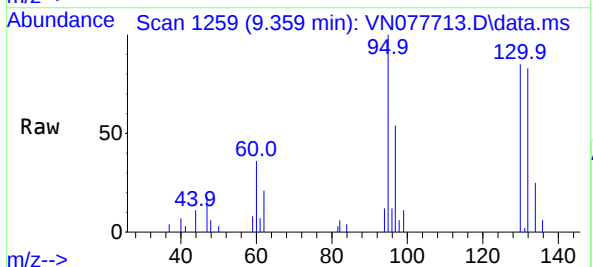
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

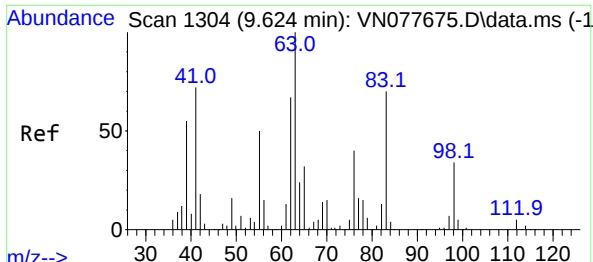
Tgt Ion: 43 Resp: 24238
Ion Ratio Lower Upper
43 100
61 25.2 24.7 37.1
87 14.7 14.6 21.8



#44
Trichloroethene
Concen: 2.521 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion:130 Resp: 12768
Ion Ratio Lower Upper
130 100
95 117.6 0.0 204.6

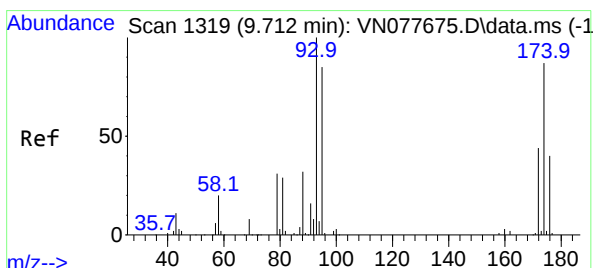
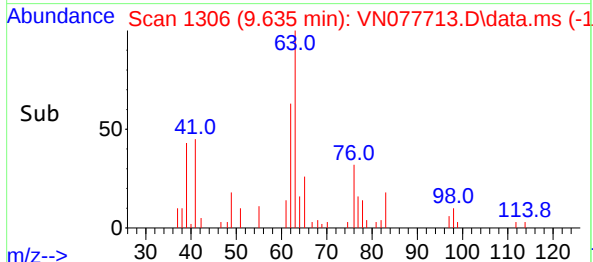
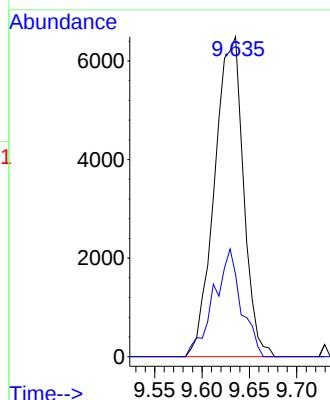
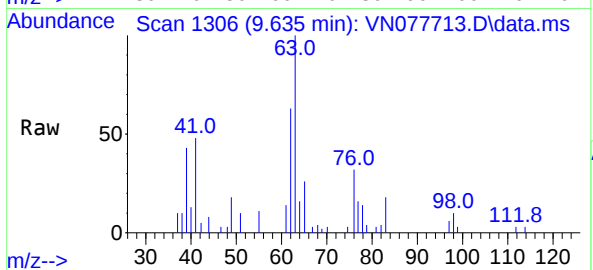




#45
1,2-Dichloropropane
Concen: 2.699 ug/l
RT: 9.635 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

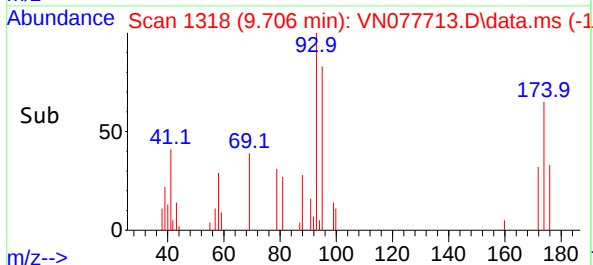
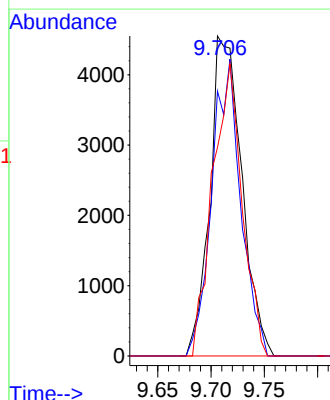
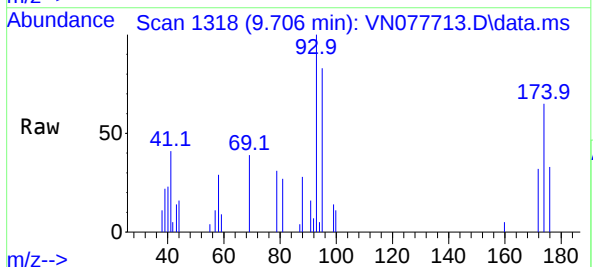
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

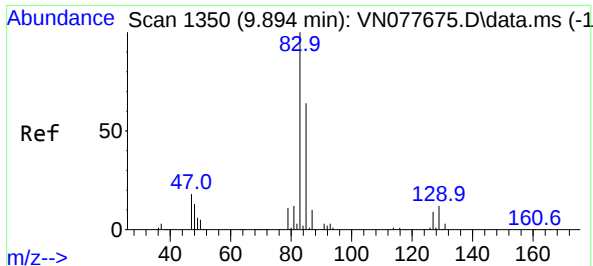
Tgt Ion: 63 Resp: 13770
Ion Ratio Lower Upper
63 100
65 25.7 23.9 35.9



#46
Dibromomethane
Concen: 2.586 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 93 Resp: 9439
Ion Ratio Lower Upper
93 100
95 84.4 63.8 95.8
174 84.6 65.6 98.4

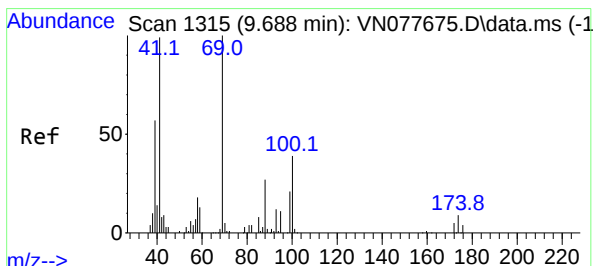
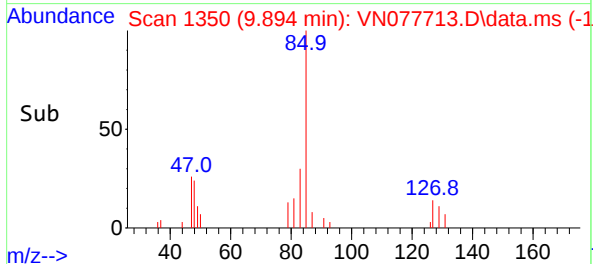
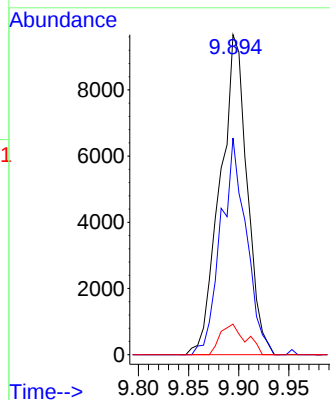
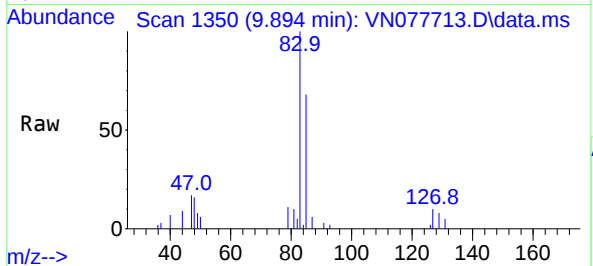




#47
Bromodichloromethane
Concen: 2.577 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

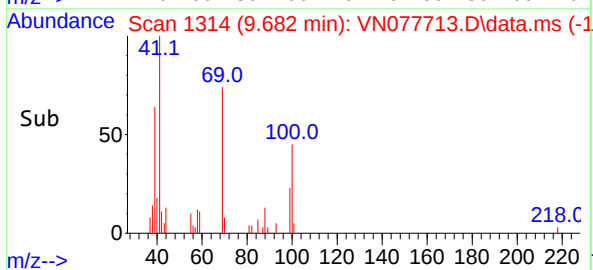
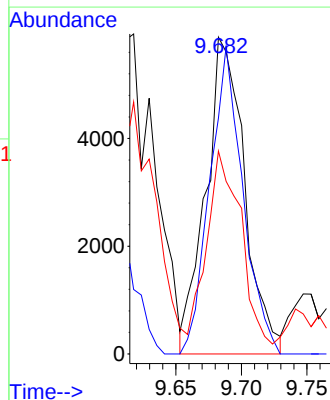
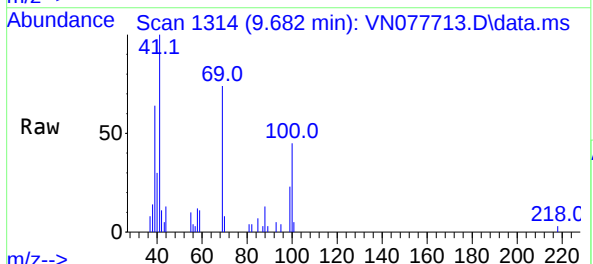
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

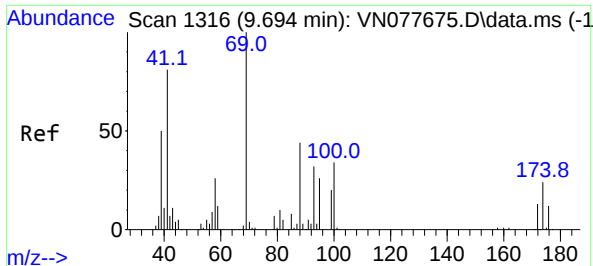
Tgt Ion:	83	Resp:	18011
Ion	Ratio	Lower	Upper
83	100		
85	67.7	49.6	74.4
127	9.6	7.0	10.6



#48
Methyl methacrylate
Concen: 2.574 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion:	41	Resp:	12042
Ion	Ratio	Lower	Upper
41	100		
69	83.4	90.4	135.6#
39	58.6	54.6	81.8

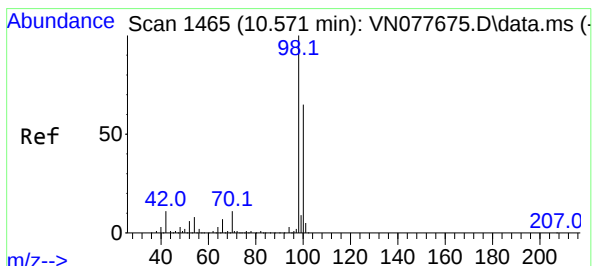
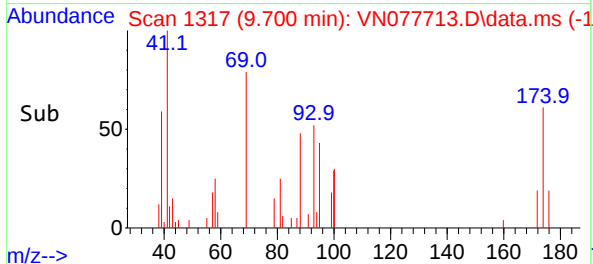
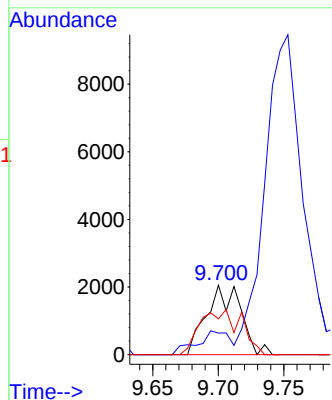
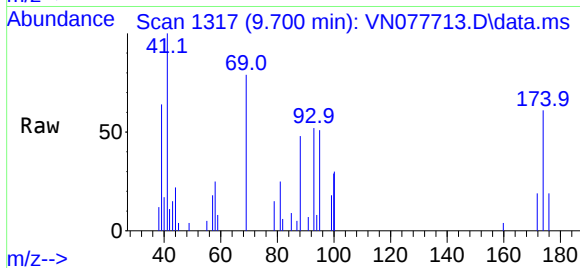




#49
1,4-Dioxane
Concen: 42.193 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

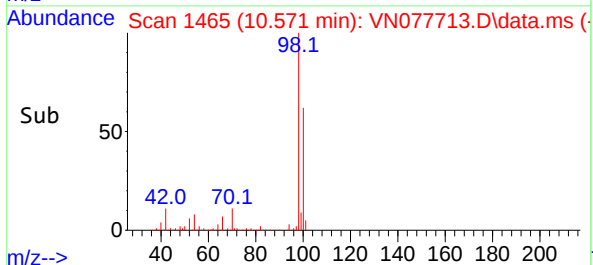
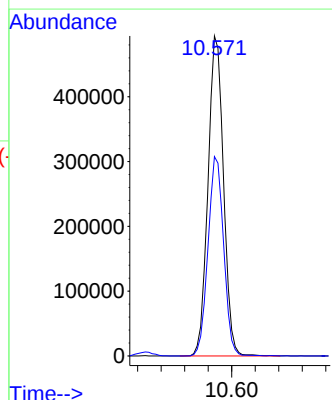
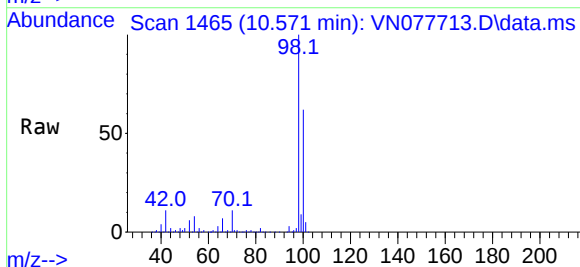
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

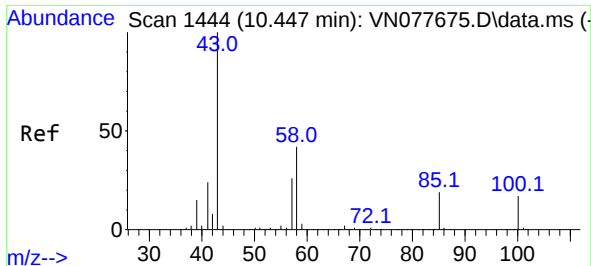
Tgt Ion: 88 Resp: 3728
Ion Ratio Lower Upper
88 100
43 32.4 17.0 25.6#
58 77.8 47.0 70.4#



#50
Toluene-d8
Concen: 50.889 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 98 Resp: 907600
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 11.716 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

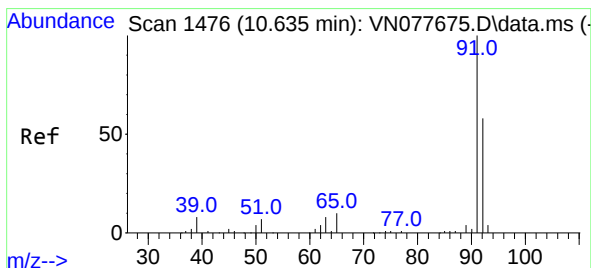
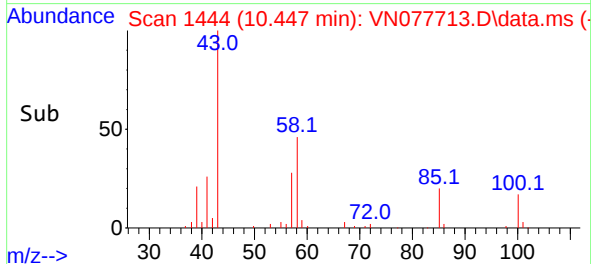
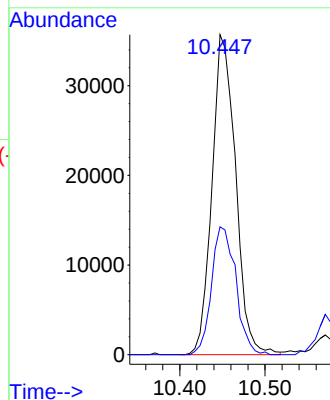
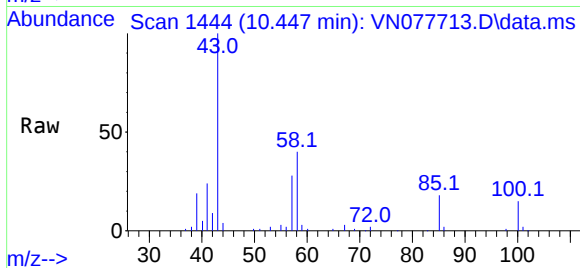
MDL-WATER-03-QT2-2023

Tgt Ion: 43 Resp: 68711

Ion Ratio Lower Upper

43 100

58 41.1 36.6 54.8



#52

Toluene

Concen: 2.703 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN077713.D

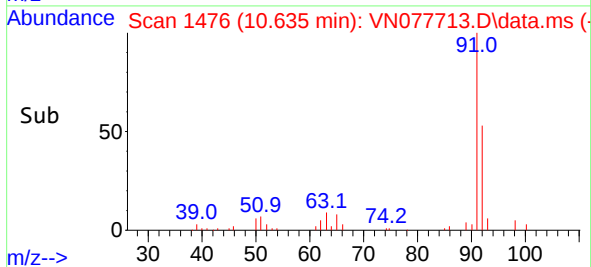
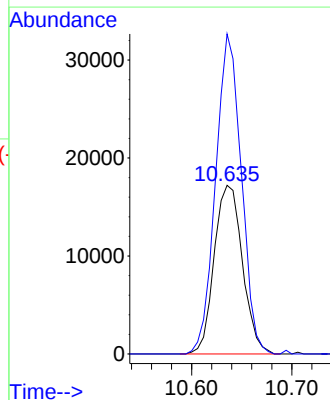
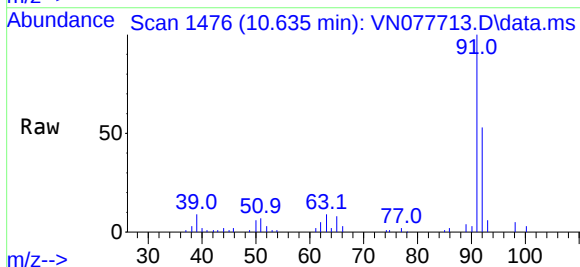
Acq: 17 May 2023 14:56

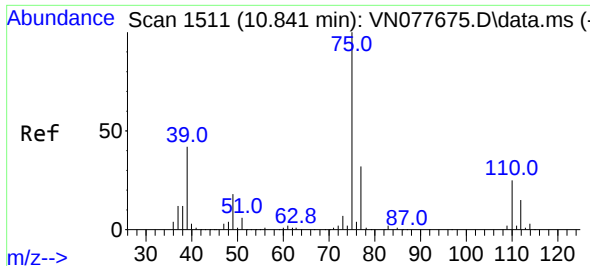
Tgt Ion: 92 Resp: 33653

Ion Ratio Lower Upper

92 100

91 173.0 137.4 206.0

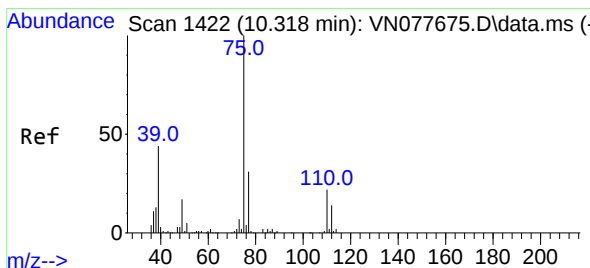
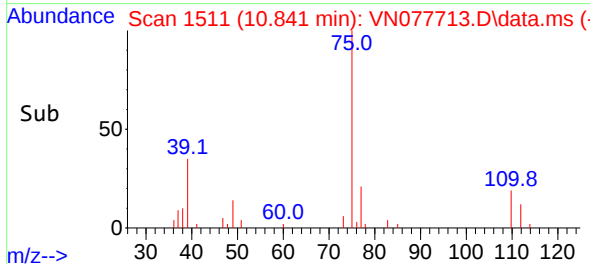
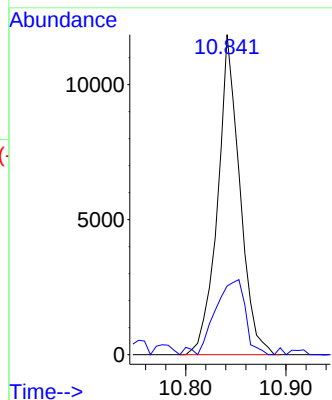
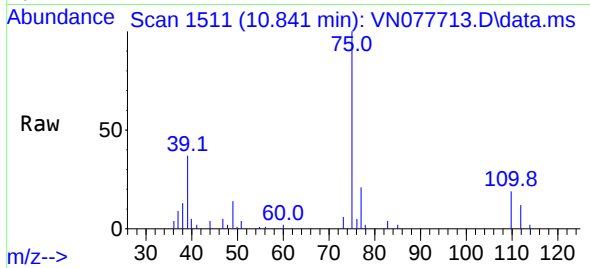




#53
t-1,3-Dichloropropene
Concen: 2.462 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

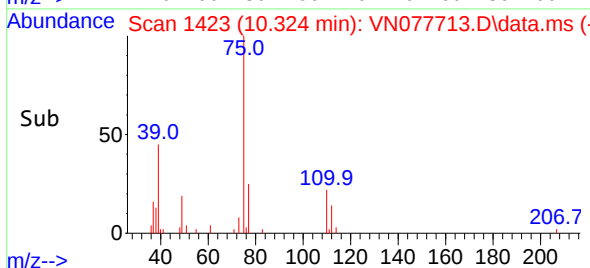
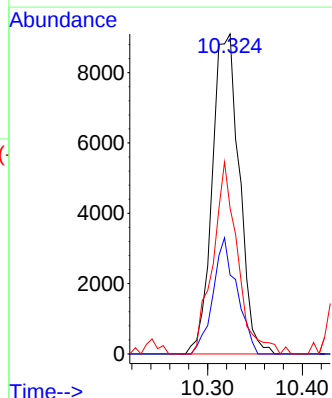
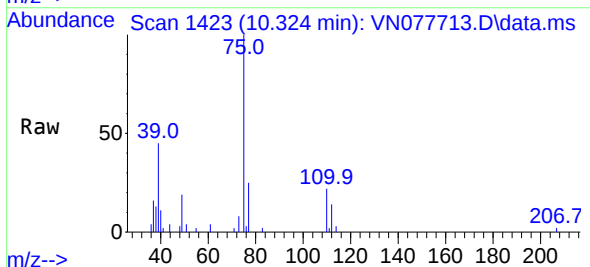
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

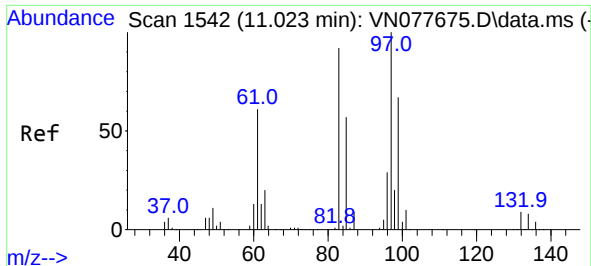
Tgt Ion: 75 Resp: 18221
Ion Ratio Lower Upper
75 100
77 21.4 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 2.214 ug/l
RT: 10.324 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 75 Resp: 18056
Ion Ratio Lower Upper
75 100
77 24.6 26.1 39.1#
39 45.5 31.6 47.4

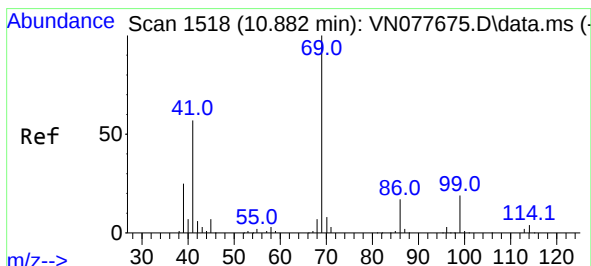
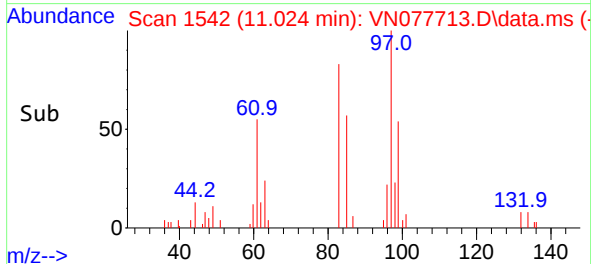
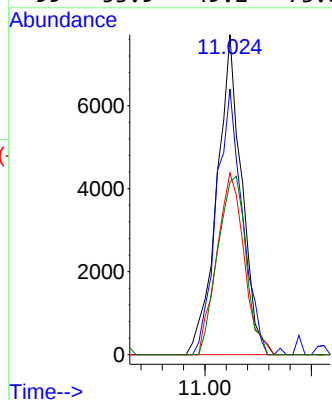
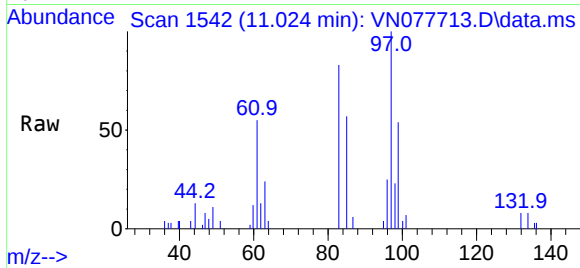




#55
1,1,2-Trichloroethane
Concen: 2.530 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

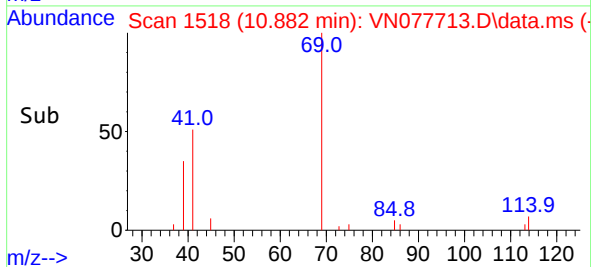
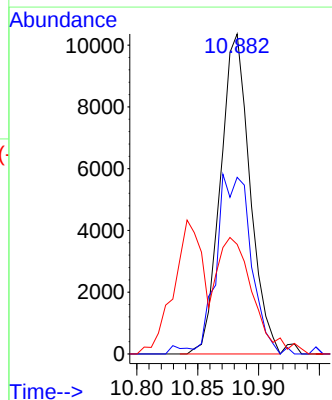
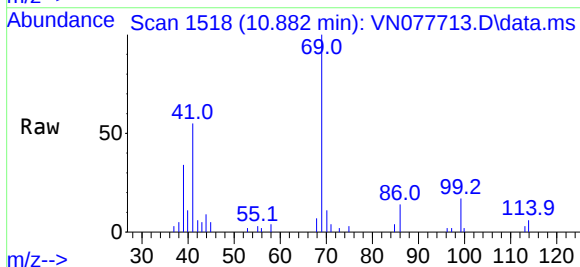
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

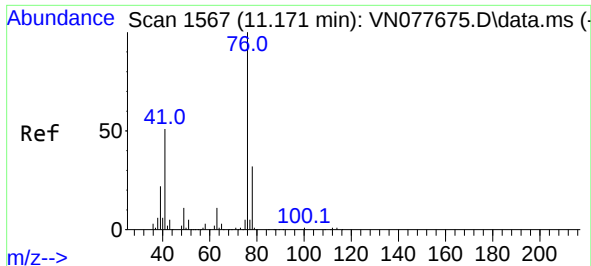
Tgt Ion: 97	Resp: 12507
Ion Ratio	Lower Upper
97 100	
83 83.0	65.1 97.7
85 56.7	43.4 65.2
99 53.9	49.2 73.8



#56
Ethyl methacrylate
Concen: 2.340 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 69	Resp: 17494
Ion Ratio	Lower Upper
69 100	
41 65.2	39.6 59.4#
39 44.4	28.6 43.0#





#57

1,3-Dichloropropane

Concen: 2.618 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

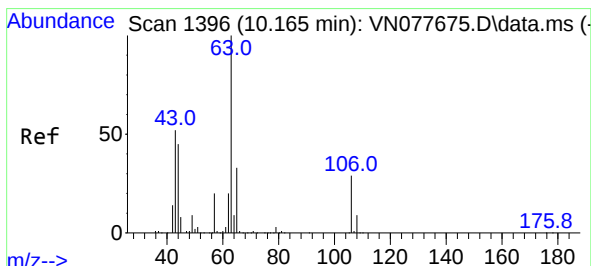
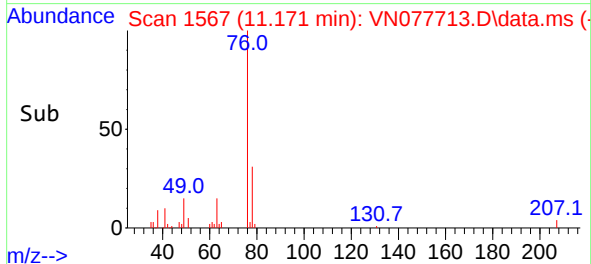
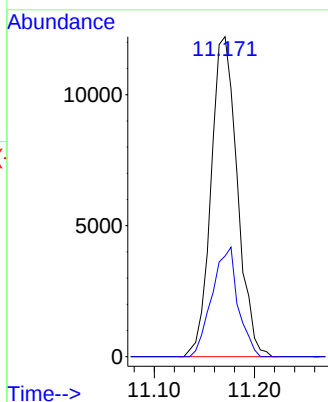
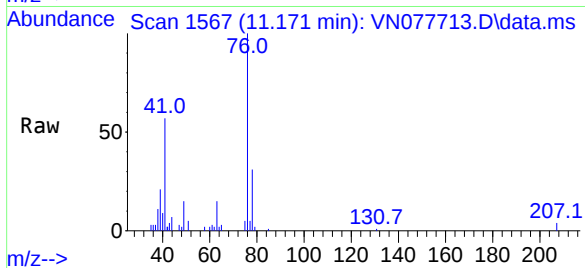
MDL-WATER-03-QT2-2023

Tgt Ion: 76 Resp: 22185

Ion Ratio Lower Upper

76 100

78 33.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 11.734 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN077713.D

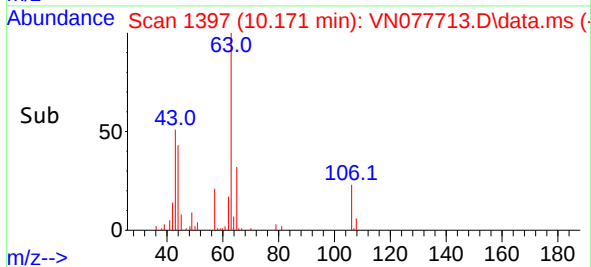
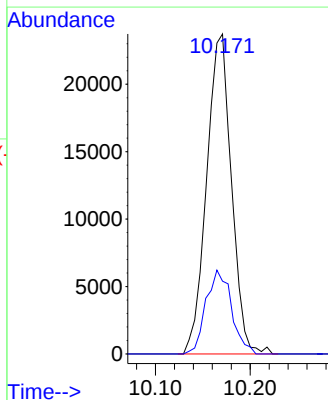
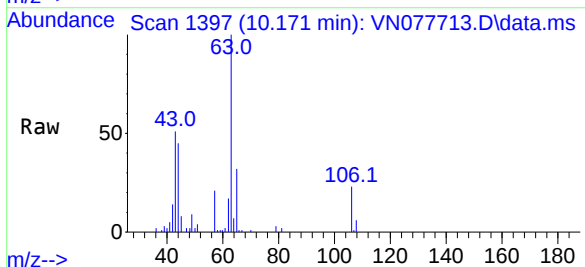
Acq: 17 May 2023 14:56

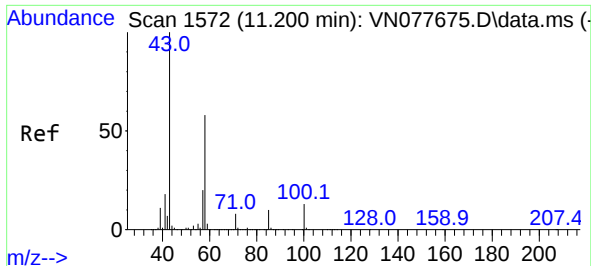
Tgt Ion: 63 Resp: 43150

Ion Ratio Lower Upper

63 100

106 27.0 26.2 39.4

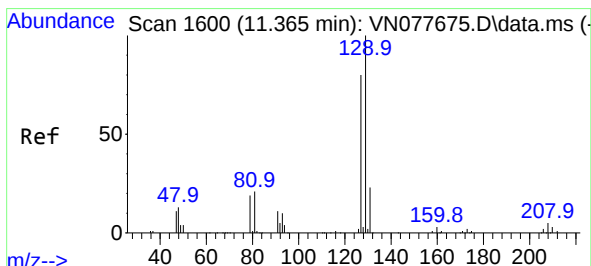
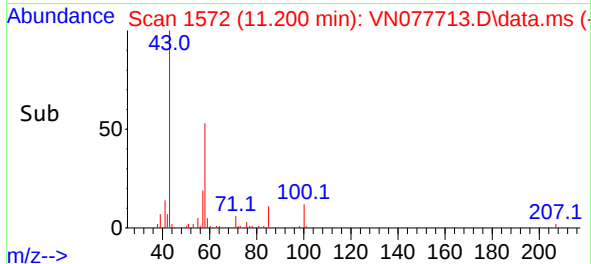
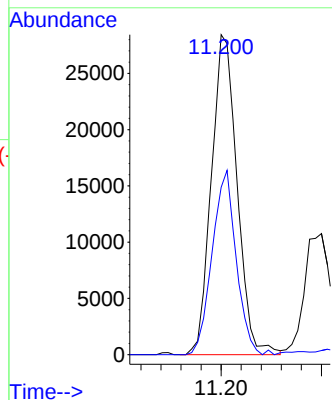
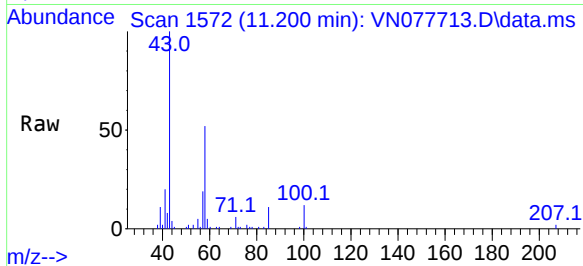




#59
2-Hexanone
Concen: 11.662 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

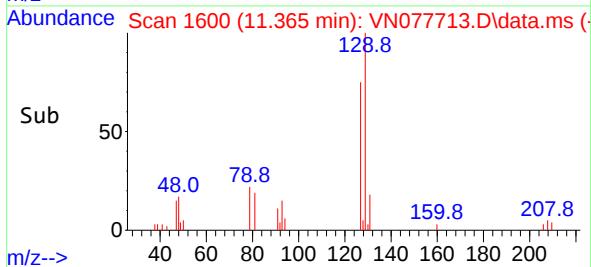
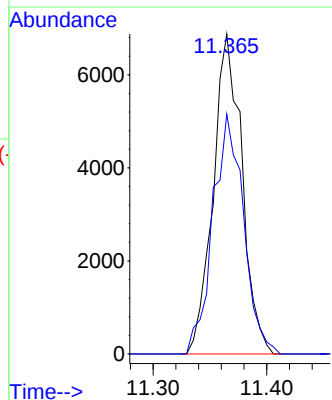
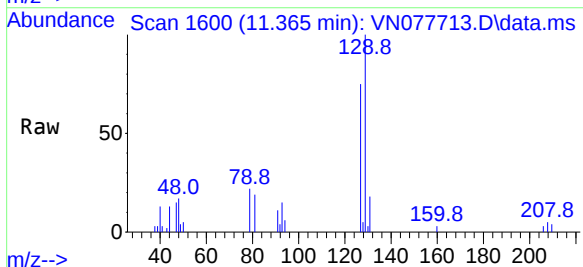
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

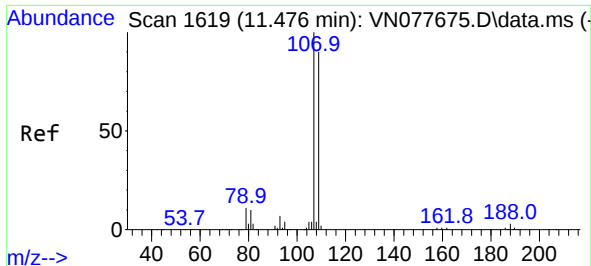
Tgt Ion: 43 Resp: 50591
Ion Ratio Lower Upper
43 100
58 53.6 31.7 95.1



#60
Dibromochloromethane
Concen: 2.366 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 129 Resp: 12074
Ion Ratio Lower Upper
129 100
127 80.2 38.6 116.0

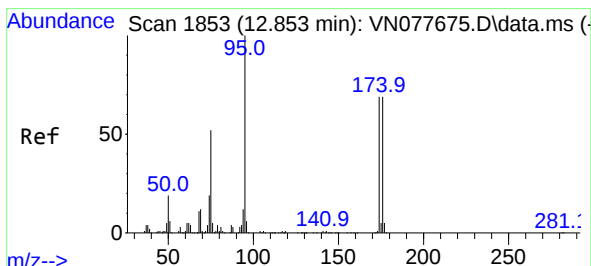
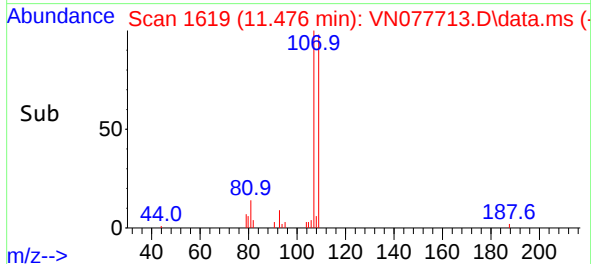
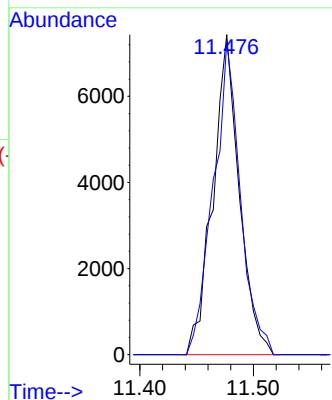
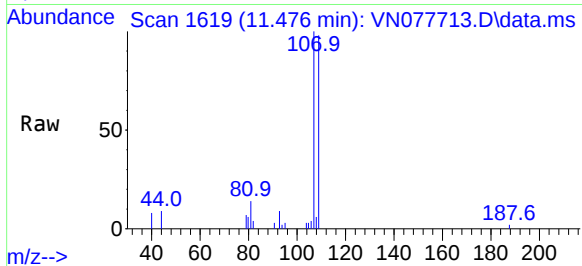




#61
1,2-Dibromoethane
Concen: 2.434 ug/l
RT: 11.476 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

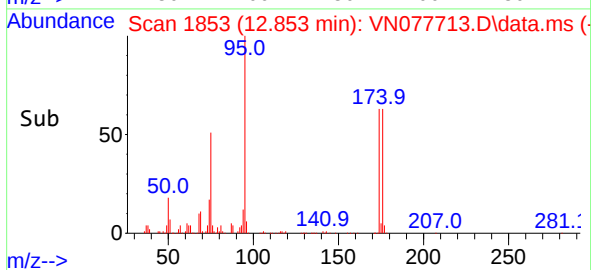
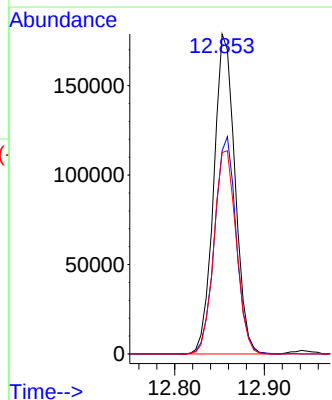
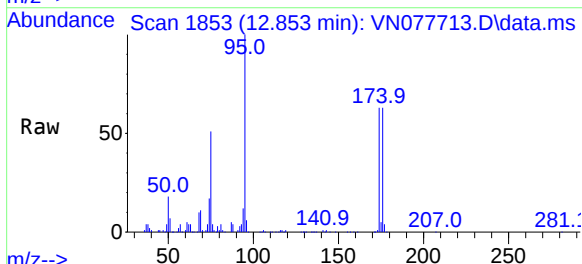
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

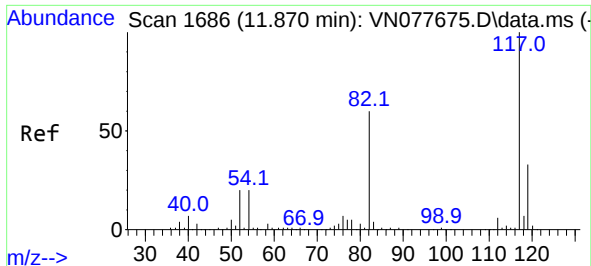
Tgt Ion:107 Resp: 12002
Ion Ratio Lower Upper
107 100
109 100.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 46.703 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 95 Resp: 294180
Ion Ratio Lower Upper
95 100
174 69.0 0.0 143.8
176 66.6 0.0 135.8

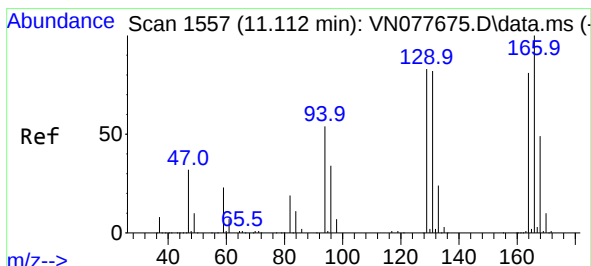
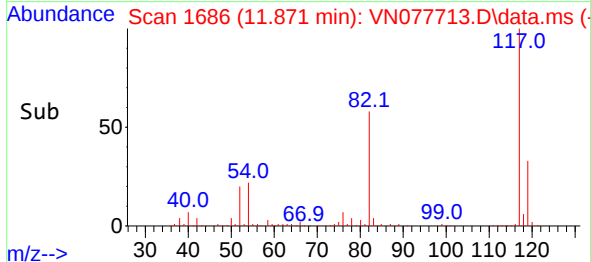
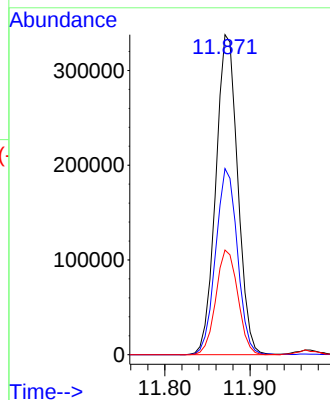
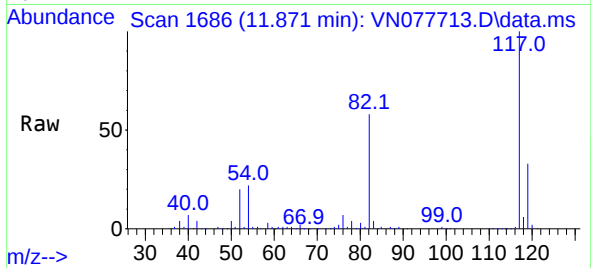




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1177
Delta R.T. 0.001 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

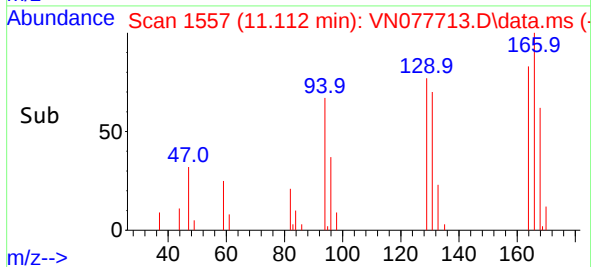
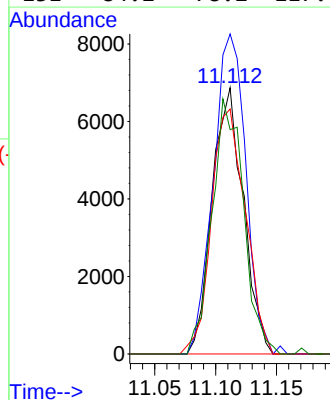
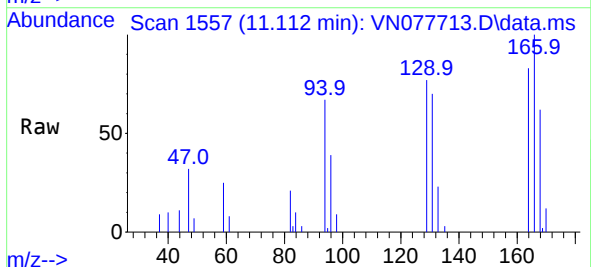
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

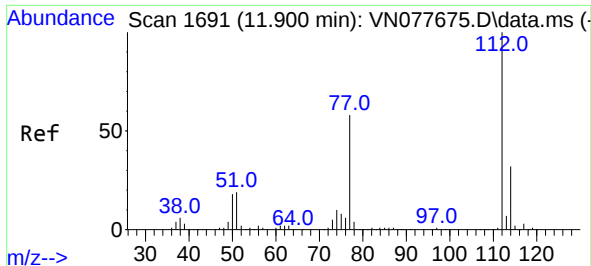
Tgt Ion:117 Resp: 604980
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 2.899 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion:164 Resp: 12267
Ion Ratio Lower Upper
164 100
166 120.2 101.4 152.0
129 92.0 82.4 123.6
131 84.2 78.2 117.4

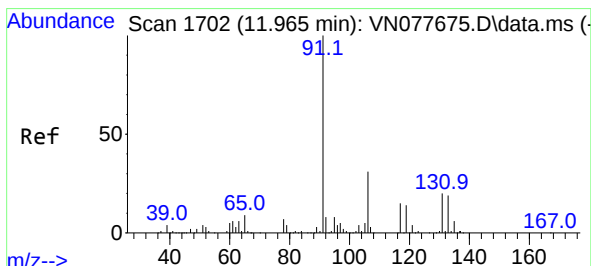
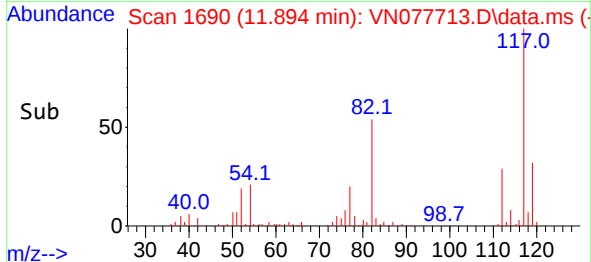
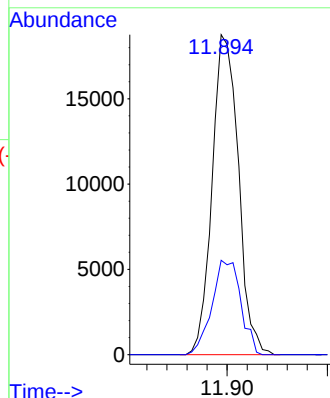
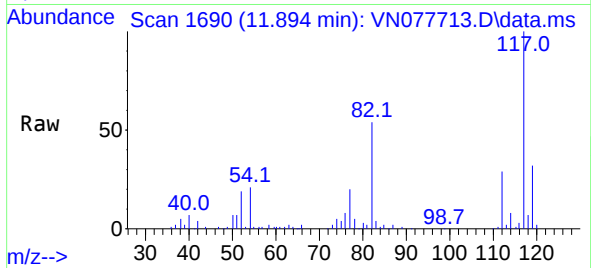




#65
Chlorobenzene
Concen: 2.597 ug/l
RT: 11.894 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

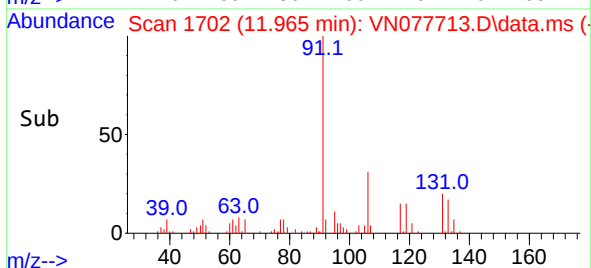
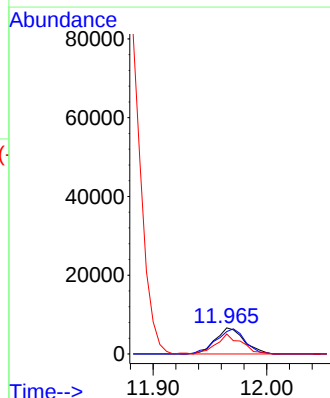
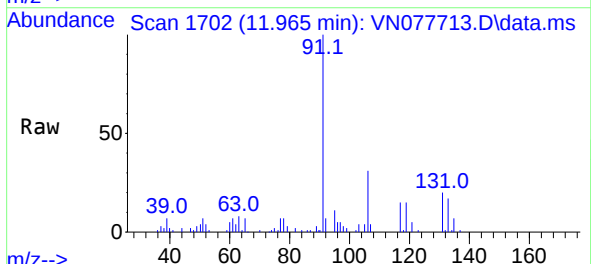
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

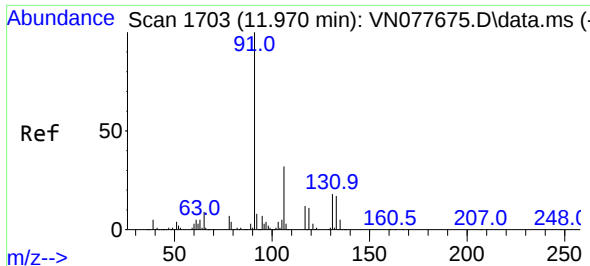
Tgt Ion:112 Resp: 34061
Ion Ratio Lower Upper
112 100
114 29.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.565 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion:131 Resp: 11638
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.1
119 66.7 34.1 102.2

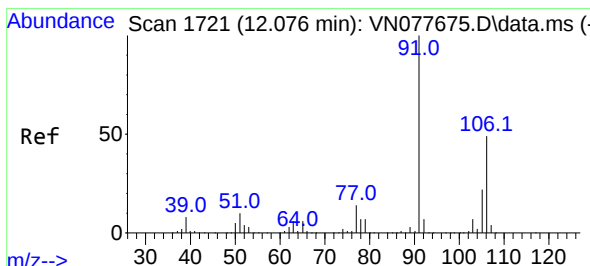
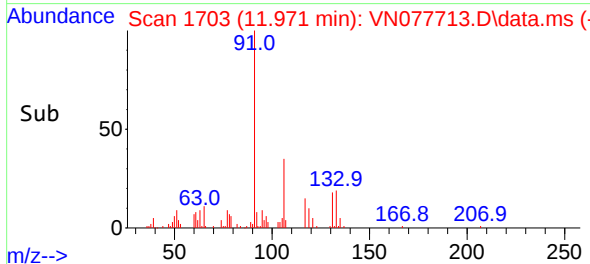
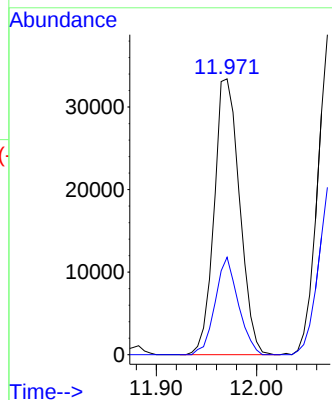
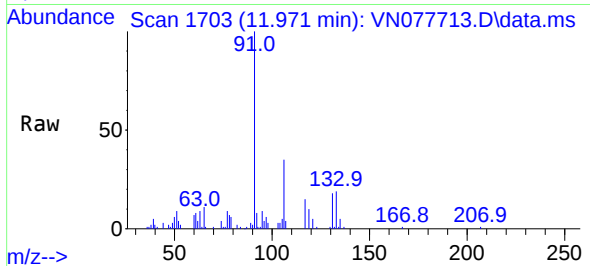




#67
Ethyl Benzene
Concen: 2.501 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

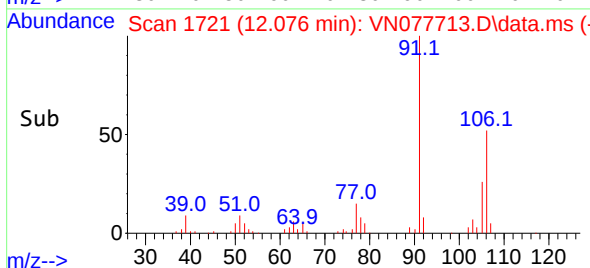
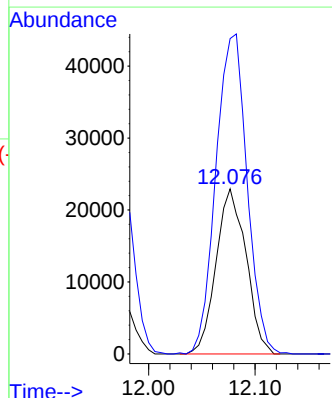
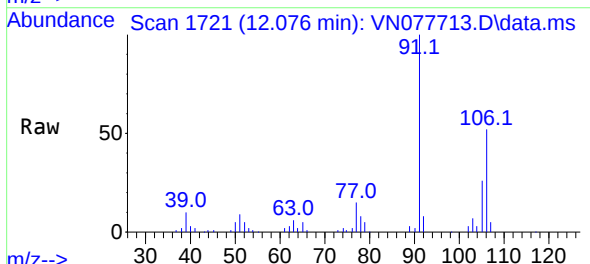
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

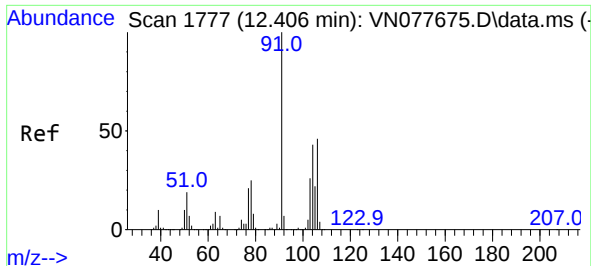
Tgt Ion: 91 Resp: 58779
Ion Ratio Lower Upper
91 100
106 35.3 25.6 38.4



#68
m/p-Xylenes
Concen: 5.034 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 106 Resp: 44831
Ion Ratio Lower Upper
106 100
91 201.9 159.6 239.4

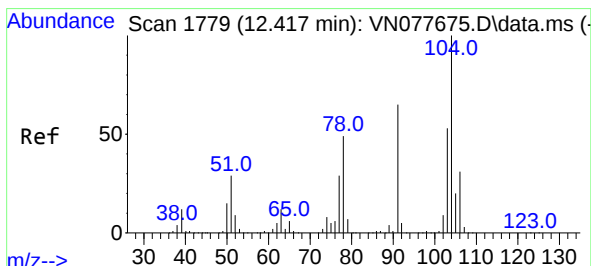
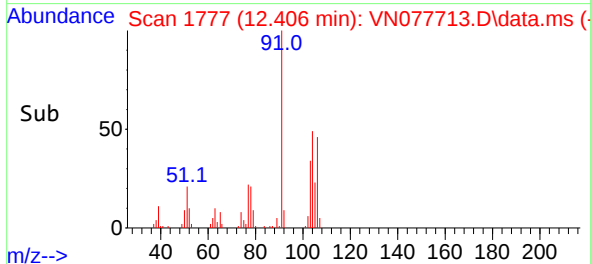
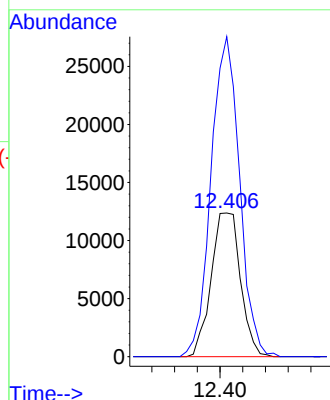
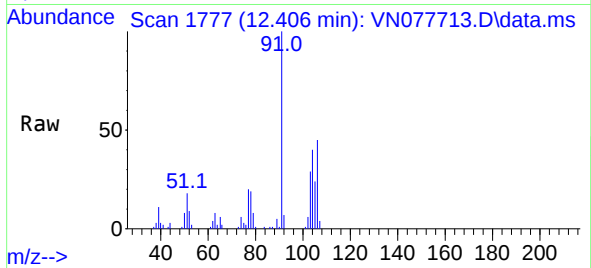




#69
o-Xylene
Concen: 2.536 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

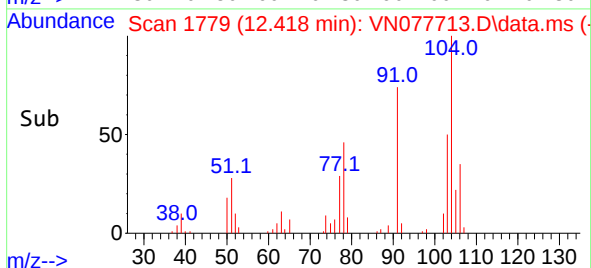
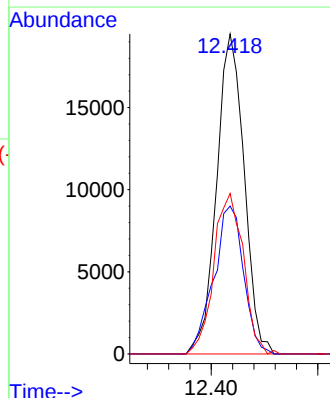
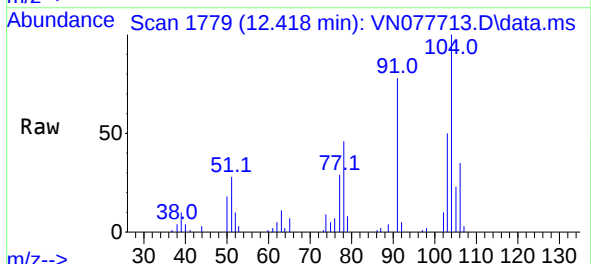
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

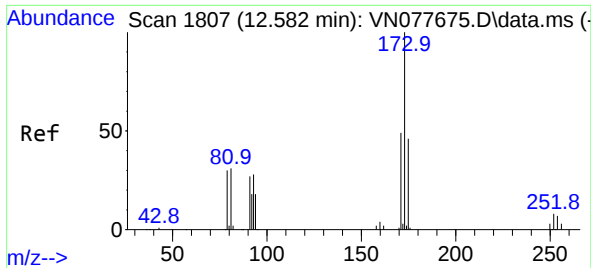
Tgt Ion:106 Resp: 22210
Ion Ratio Lower Upper
106 100
91 216.1 105.2 315.5



#70
Styrene
Concen: 2.510 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion:104 Resp: 34918
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 53.8 43.2 64.8

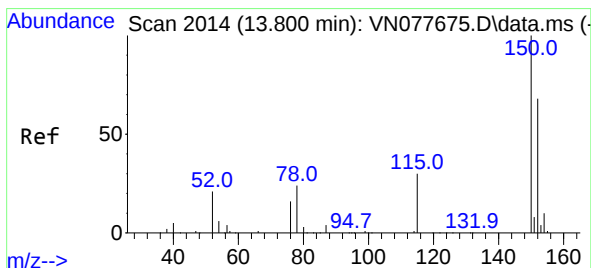
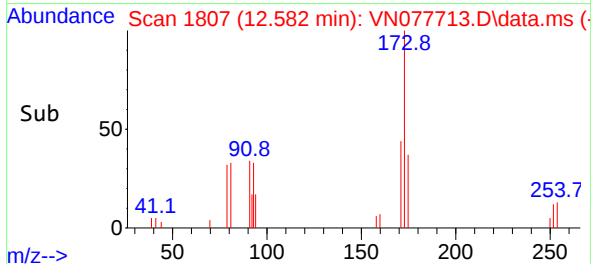
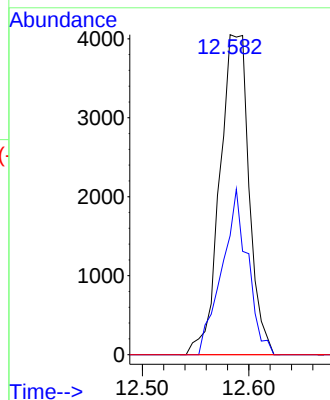
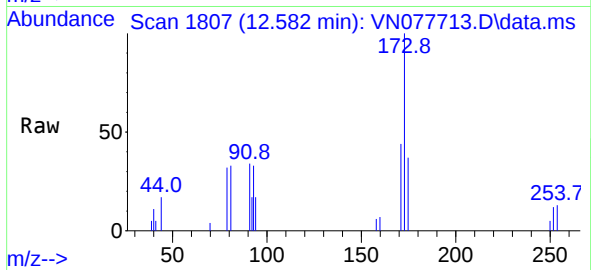




#71
Bromoform
Concen: 2.560 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

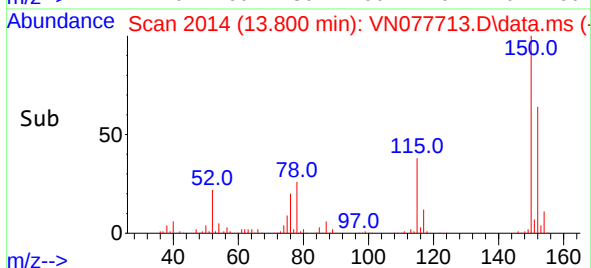
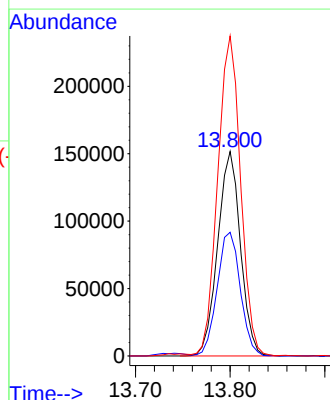
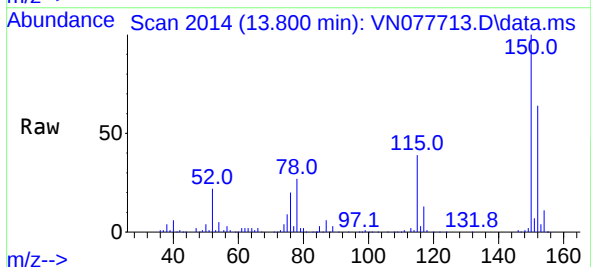
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

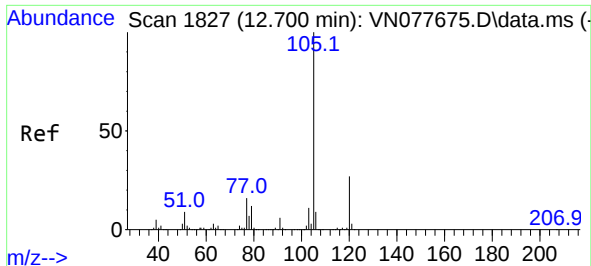
Tgt Ion:173 Resp: 7729
Ion Ratio Lower Upper
173 100
175 45.7 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion:152 Resp: 253070
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 157.5 0.0 355.8

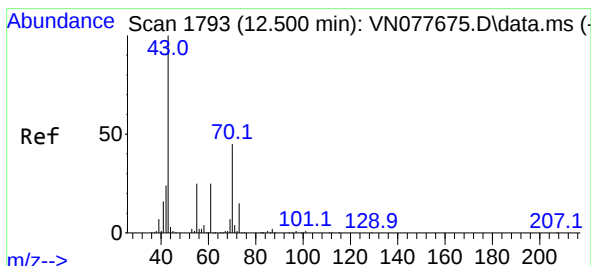
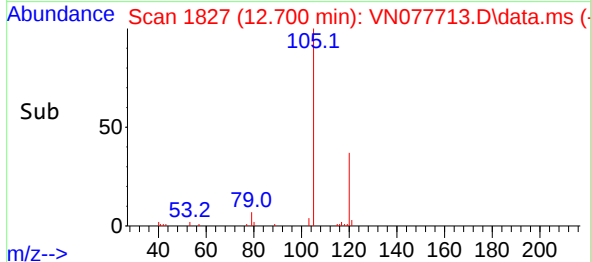
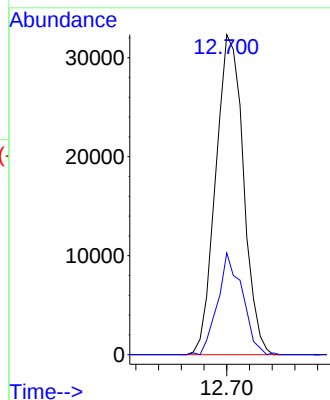
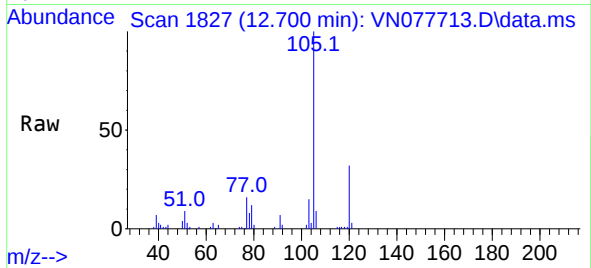




#73
Isopropylbenzene
Concen: 2.512 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

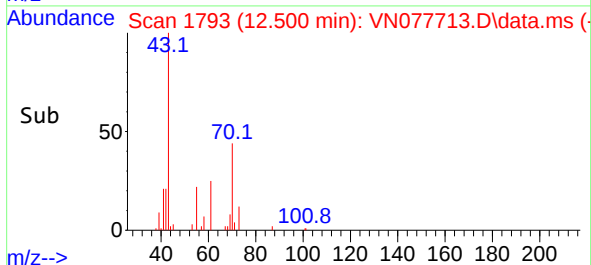
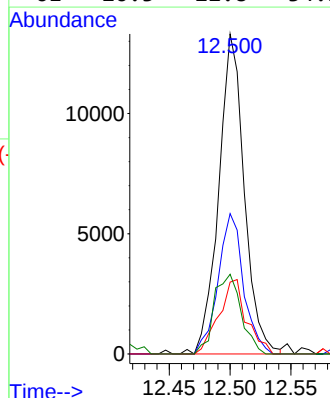
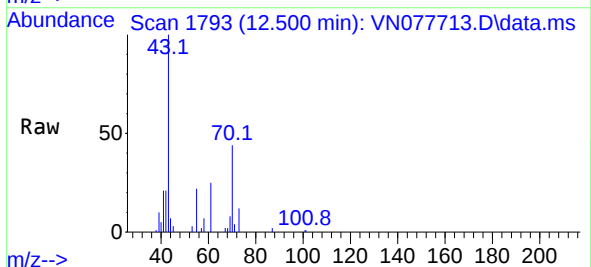
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

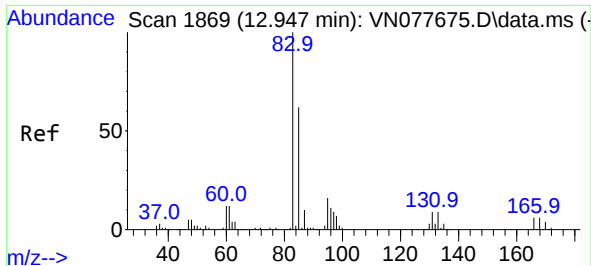
Tgt Ion:105 Resp: 54790
Ion Ratio Lower Upper
105 100
120 28.3 13.1 39.1



#74
N-ethyl acetate
Concen: 2.412 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 43 Resp: 19450
Ion Ratio Lower Upper
43 100
70 43.7 43.4 65.2
55 25.2 21.4 32.0
61 26.3 22.8 34.2

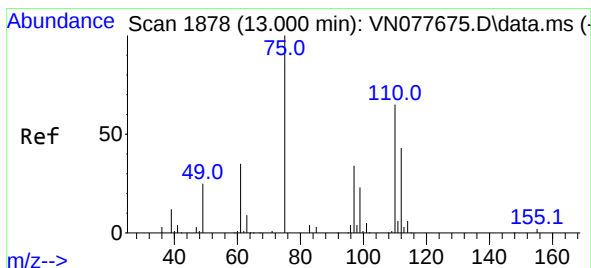
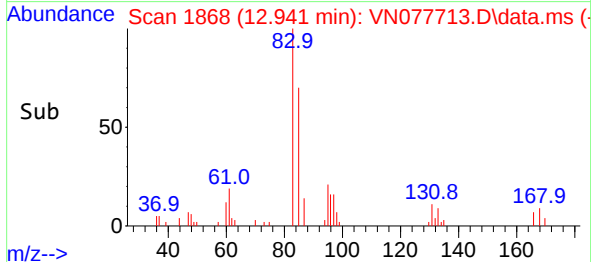
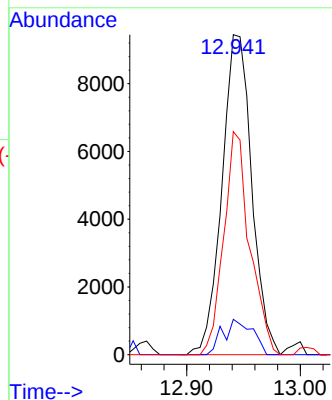
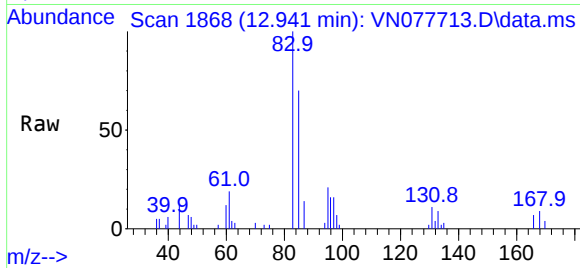




#75
1,1,2,2-Tetrachloroethane
Concen: 2.566 ug/l
RT: 12.941 min Scan# 1869
Delta R.T. -0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

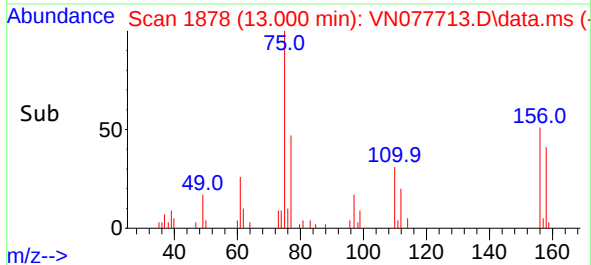
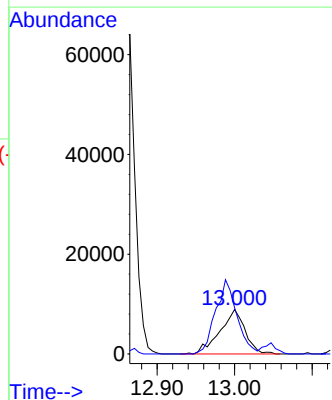
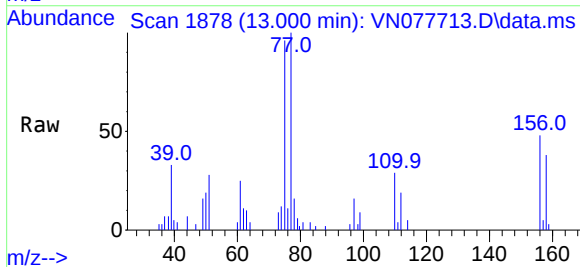
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

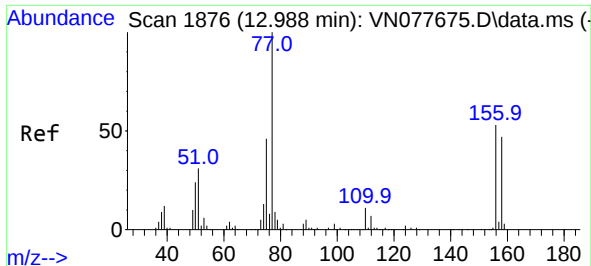
Tgt Ion: 83 Resp: 17222
Ion Ratio Lower Upper
83 100
131 10.9 5.0 15.0
85 61.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 3.171 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 75 Resp: 20099
Ion Ratio Lower Upper
75 100
77 141.9 84.5 253.5

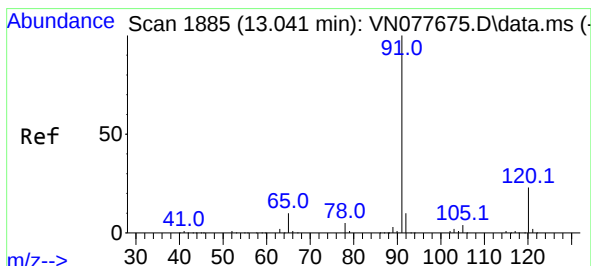
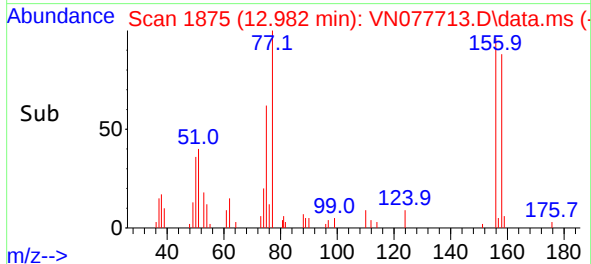
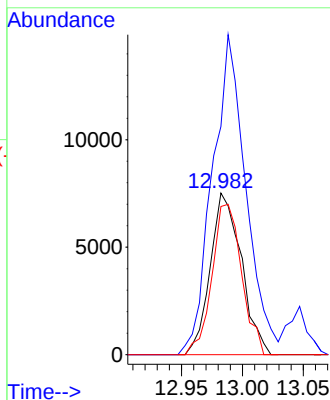
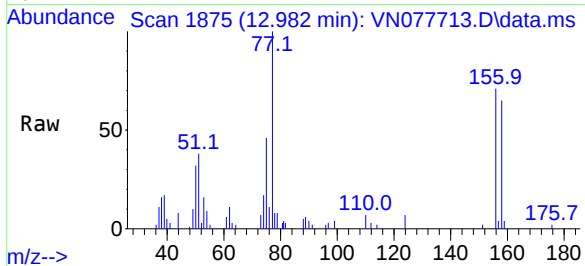




#77
Bromobenzene
Concen: 2.682 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

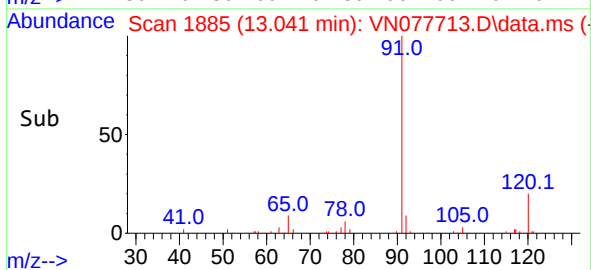
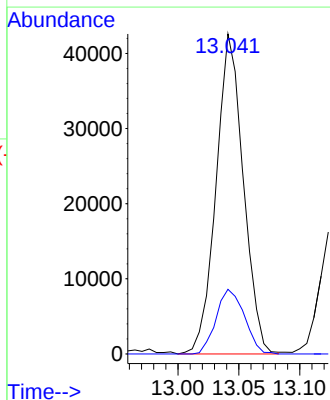
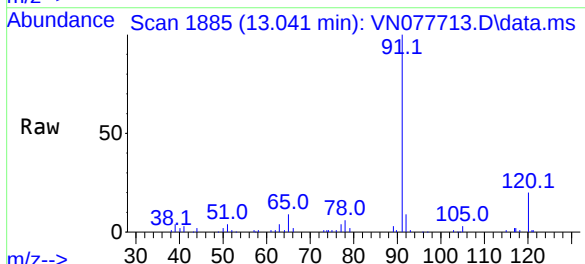
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

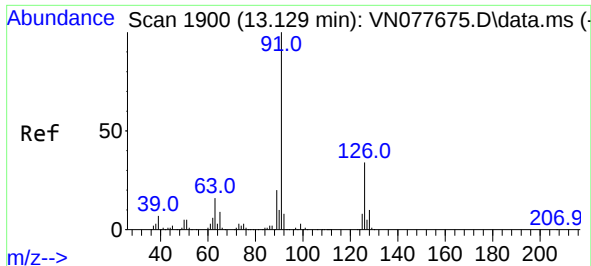
Tgt Ion:156 Resp: 13351
Ion Ratio Lower Upper
156 100
77 213.6 107.7 323.3
158 88.7 48.4 145.3



#78
n-propylbenzene
Concen: 2.579 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 91 Resp: 66315
Ion Ratio Lower Upper
91 100
120 20.9 11.5 34.4

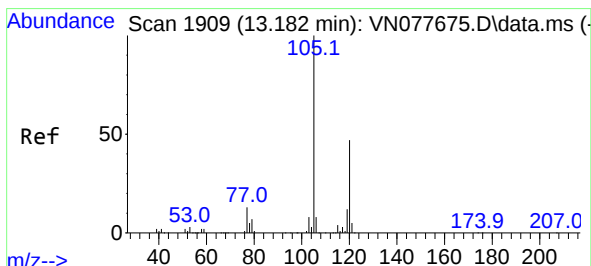
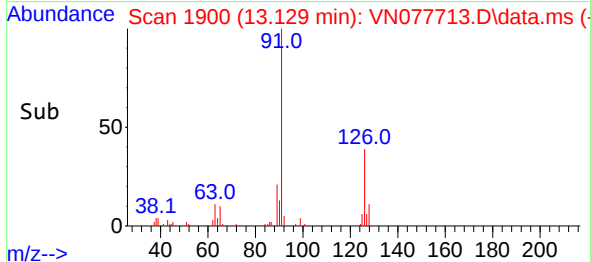
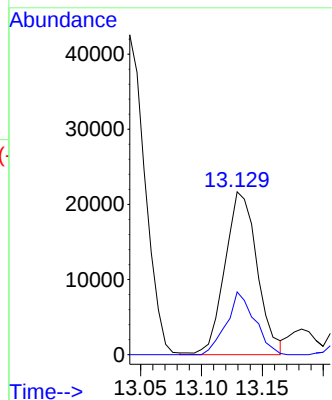
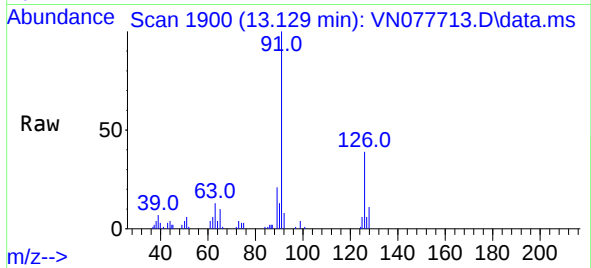




#79
2-Chlorotoluene
Concen: 2.603 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

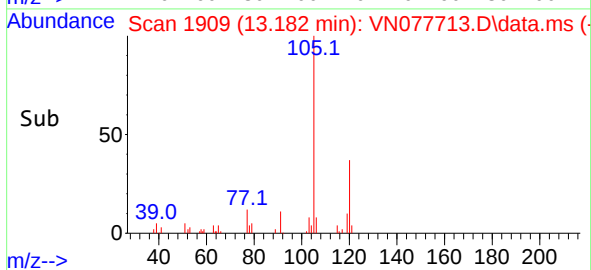
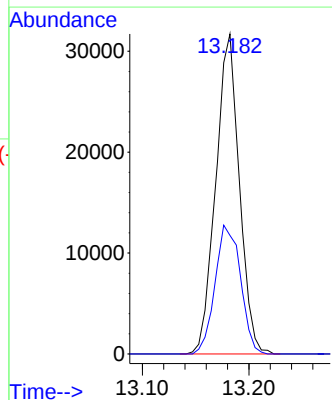
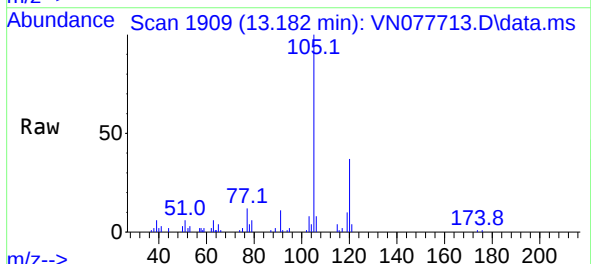
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

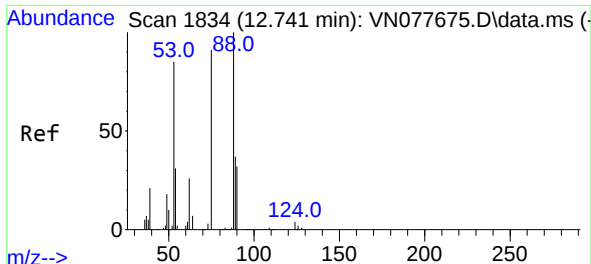
Tgt Ion: 91 Resp: 39940
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 2.657 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 105 Resp: 48712
Ion Ratio Lower Upper
105 100
120 43.4 24.1 72.3

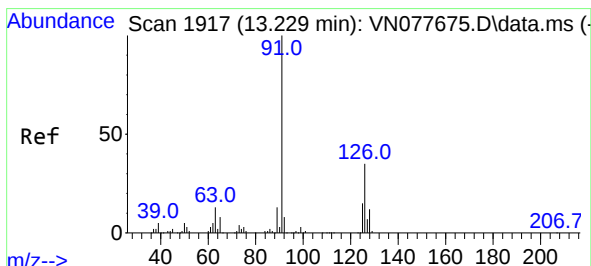
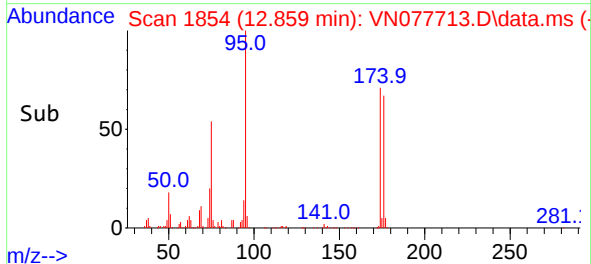
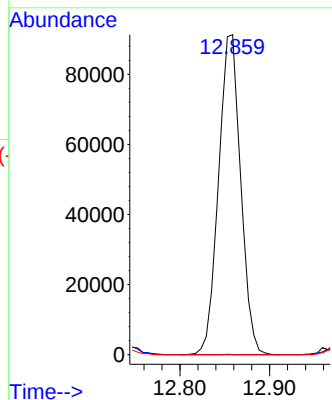
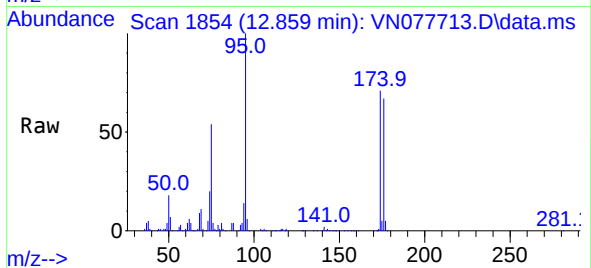




#81
trans-1,4-Dichloro-2-butene
Concen: 78.868 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

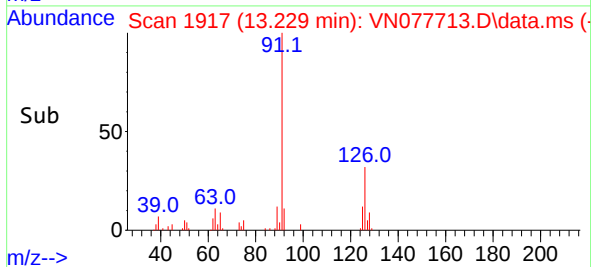
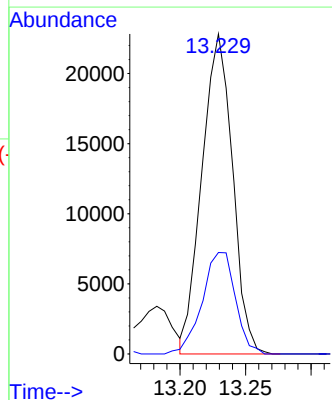
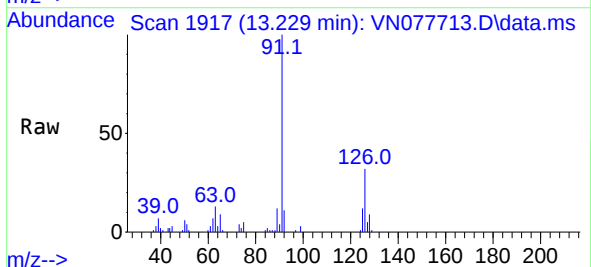
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

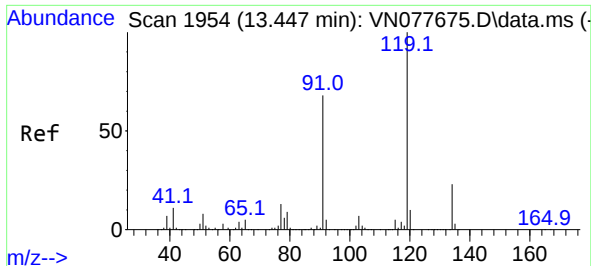
Tgt Ion: 75 Resp: 156372
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 2.429 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 91 Resp: 37089
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0

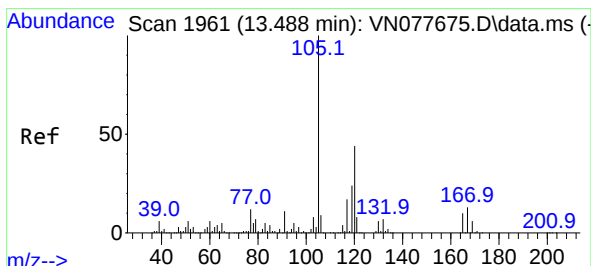
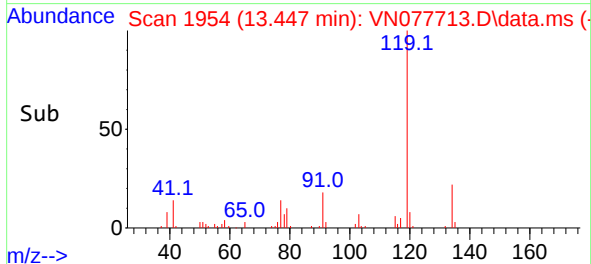
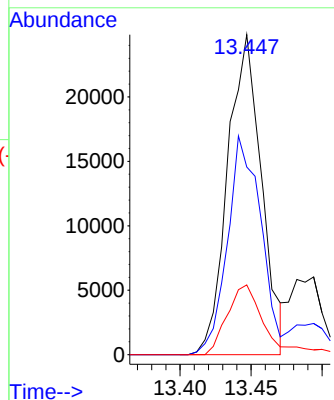
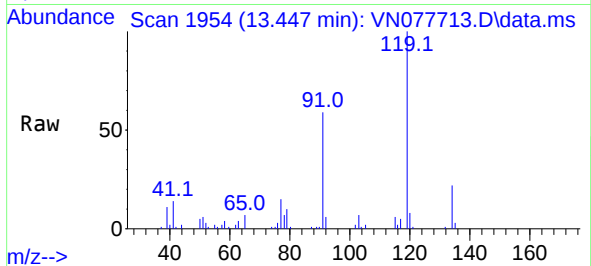




#83
tert-Butylbenzene
Concen: 2.573 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

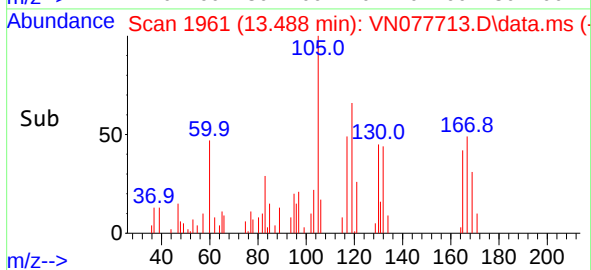
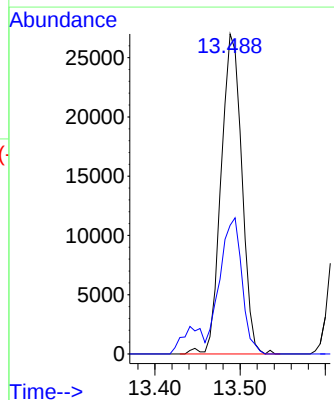
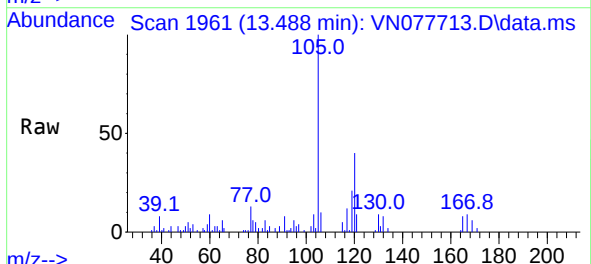
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

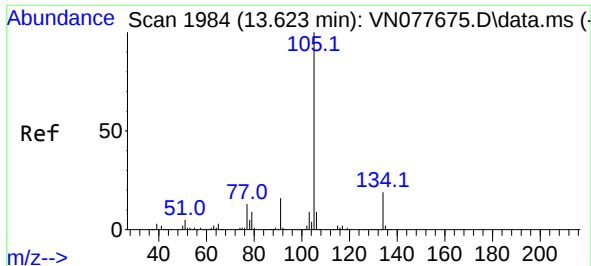
Tgt Ion:119 Resp: 41180
Ion Ratio Lower Upper
119 100
91 68.8 33.9 101.7
134 23.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 2.526 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion:105 Resp: 45549
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0

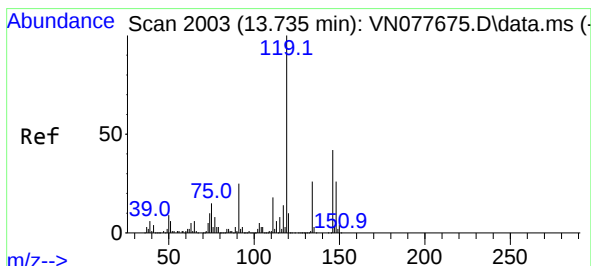
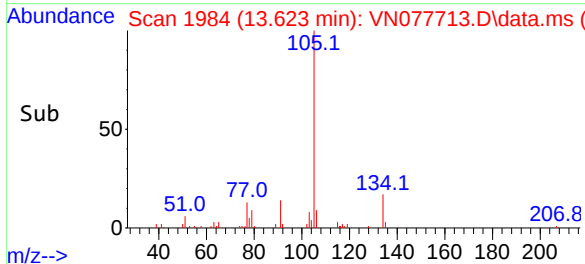
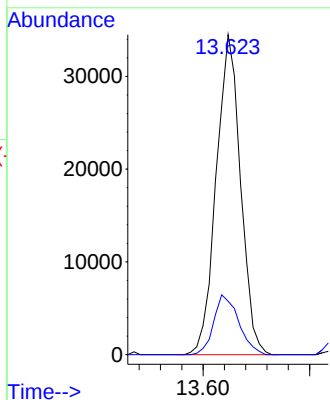
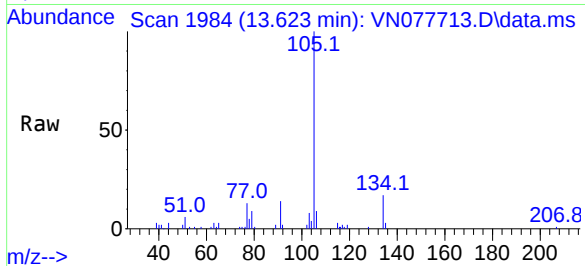




#85
 sec-Butylbenzene
 Concen: 2.401 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077713.D
 Acq: 17 May 2023 14:56

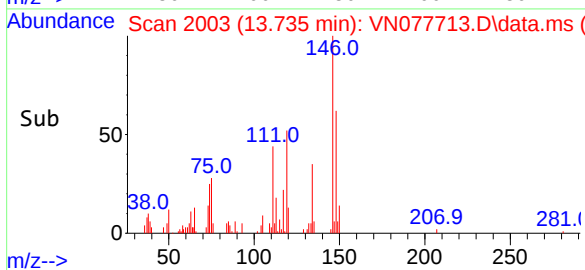
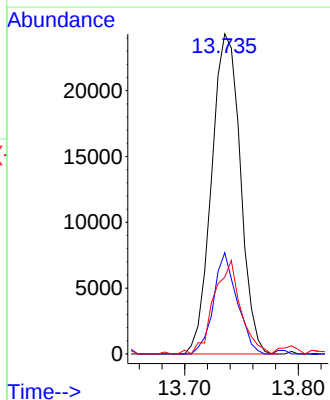
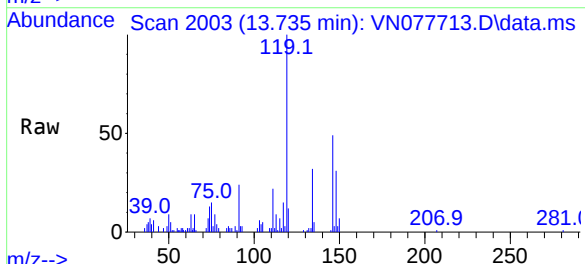
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2023

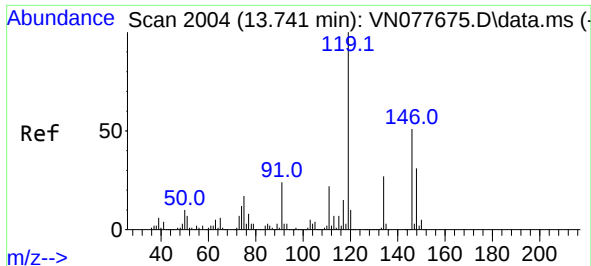
Tgt Ion:105 Resp: 54611
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 2.357 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077713.D
 Acq: 17 May 2023 14:56

Tgt Ion:119 Resp: 42743
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 27.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 2.483 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

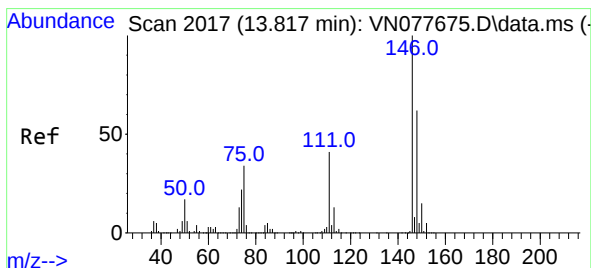
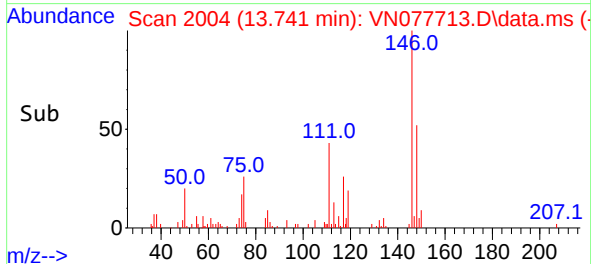
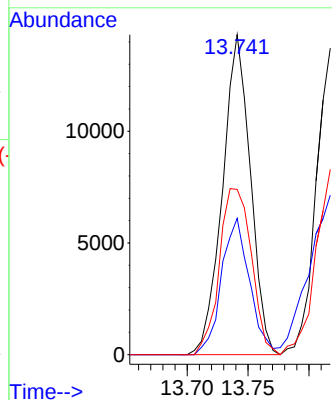
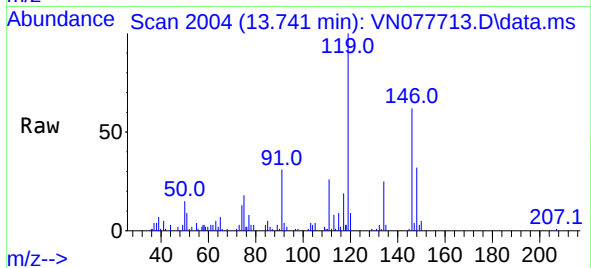
Tgt Ion:146 Resp: 22858

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.3

148 59.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 2.695 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.001 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

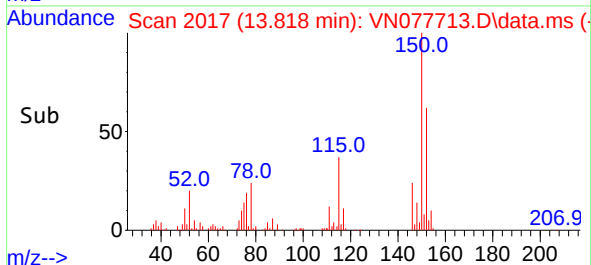
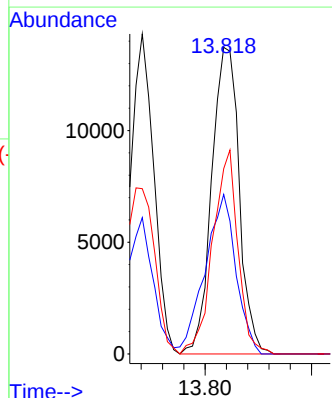
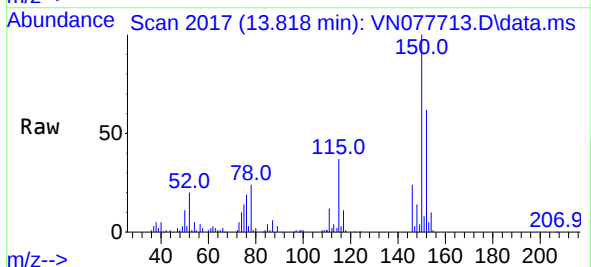
Tgt Ion:146 Resp: 24618

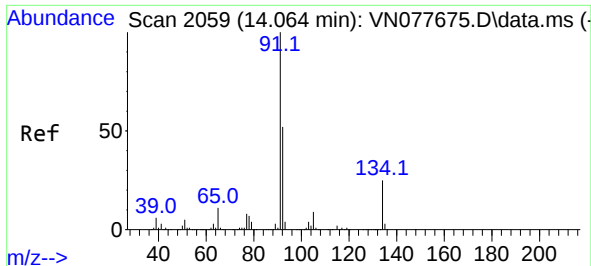
Ion Ratio Lower Upper

146 100

111 58.5 20.6 61.8

148 60.8 31.6 94.8

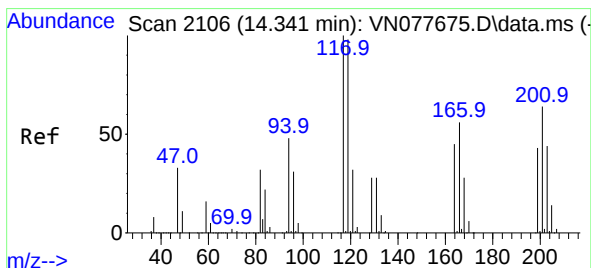
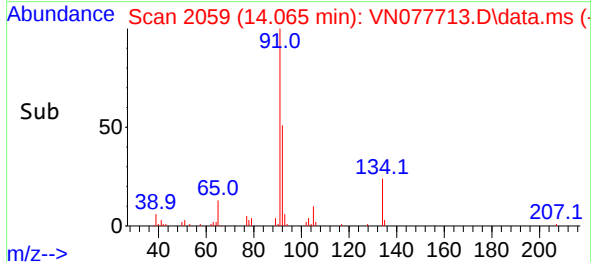
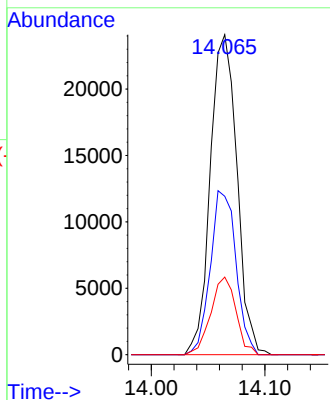
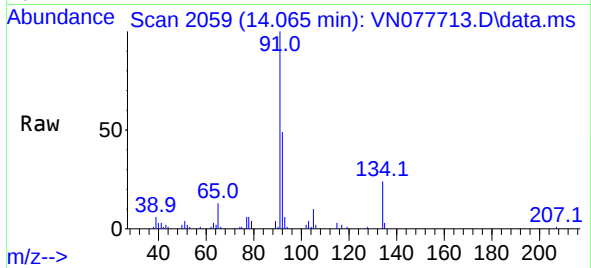




#89
n-Butylbenzene
Concen: 2.353 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

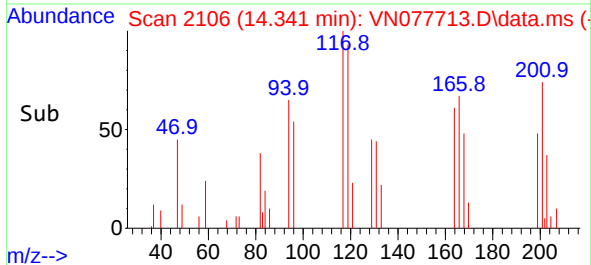
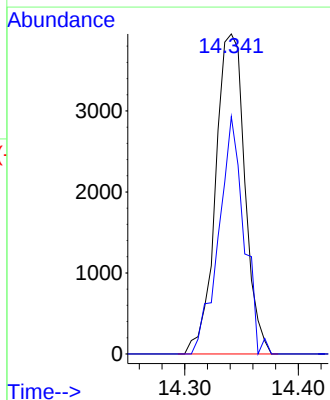
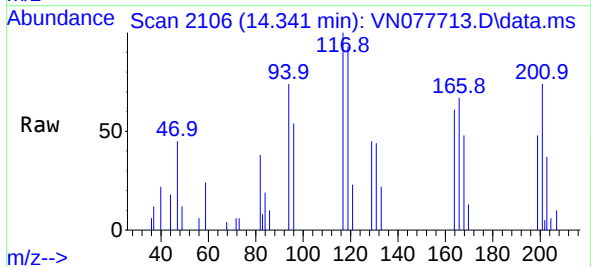
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

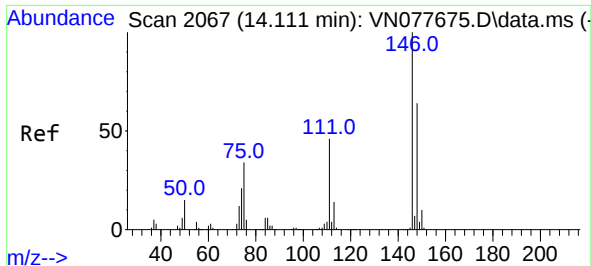
Tgt Ion: 91 Resp: 39253
Ion Ratio Lower Upper
91 100
92 49.4 26.4 79.0
134 23.0 12.6 37.6



#90
Hexachloroethane
Concen: 2.369 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion: 117 Resp: 7059
Ion Ratio Lower Upper
117 100
201 64.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 2.702 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

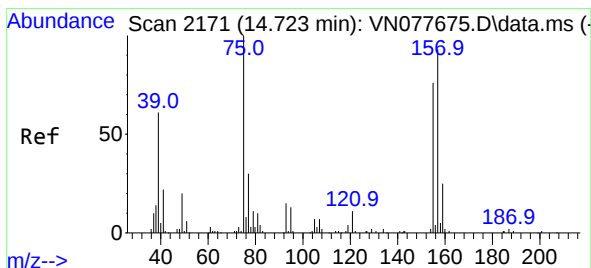
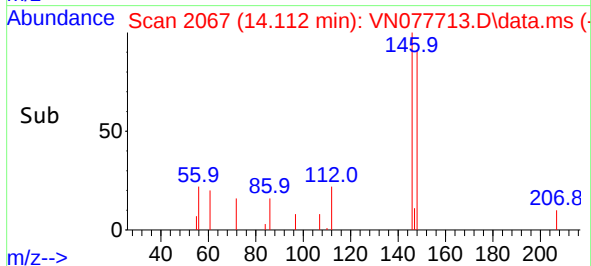
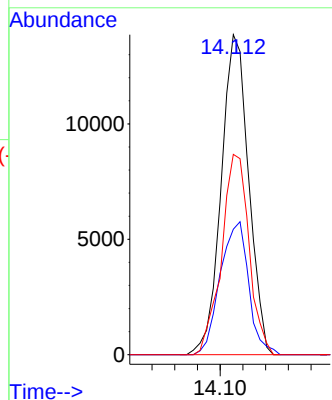
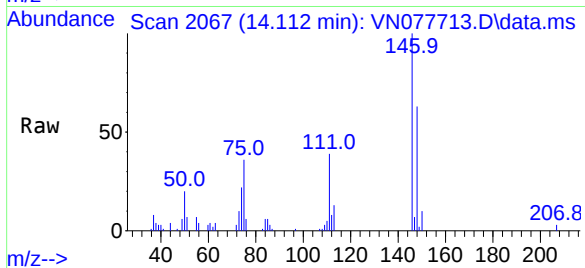
Tgt Ion:146 Resp: 23243

Ion Ratio Lower Upper

146 100

111 43.1 22.0 66.0

148 62.8 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.441 ug/l

RT: 14.735 min Scan# 2173

Delta R.T. 0.012 min

Lab File: VN077713.D

Acq: 17 May 2023 14:56

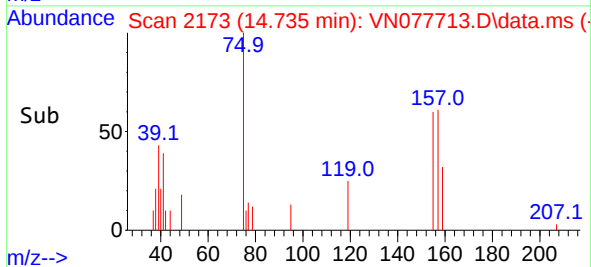
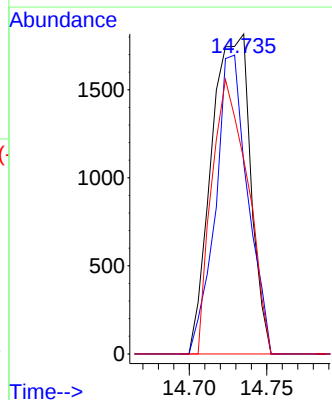
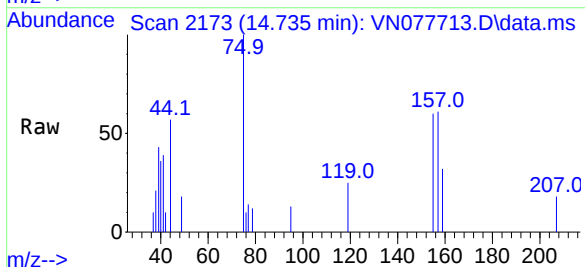
Tgt Ion: 75 Resp: 3171

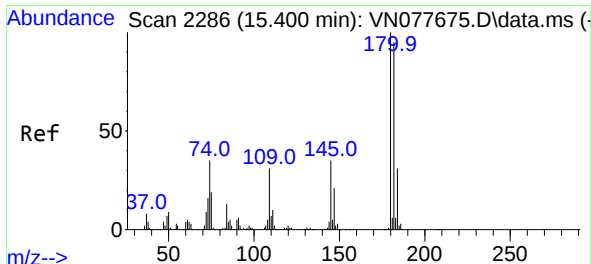
Ion Ratio Lower Upper

75 100

155 77.8 39.1 117.2

157 78.9 50.3 150.9

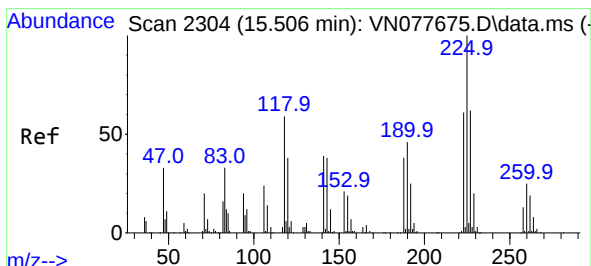
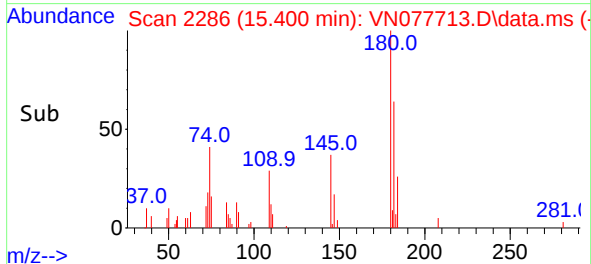
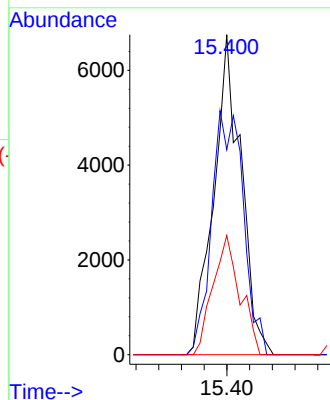
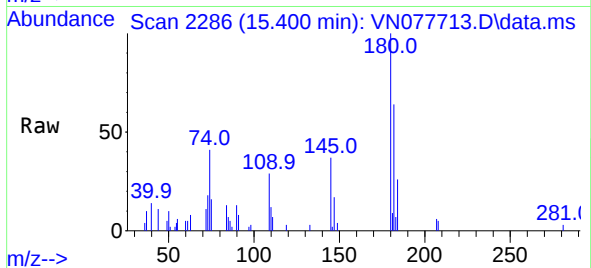




#93
1,2,4-Trichlorobenzene
Concen: 2.243 ug/l
RT: 15.400 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

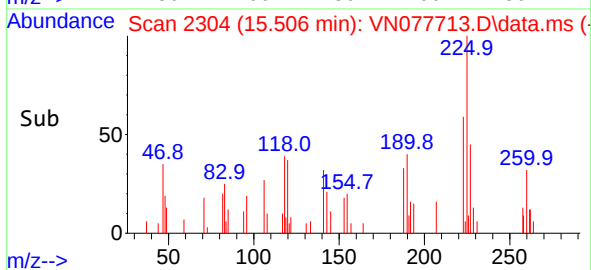
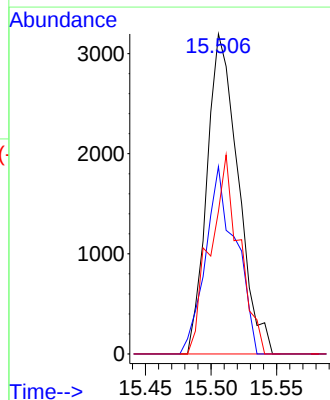
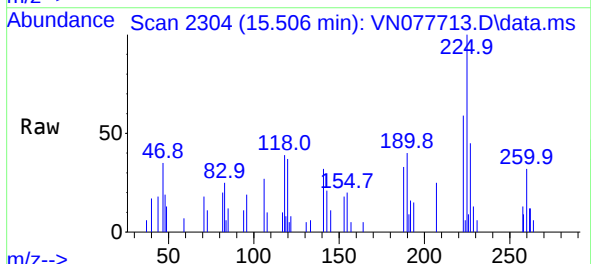
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

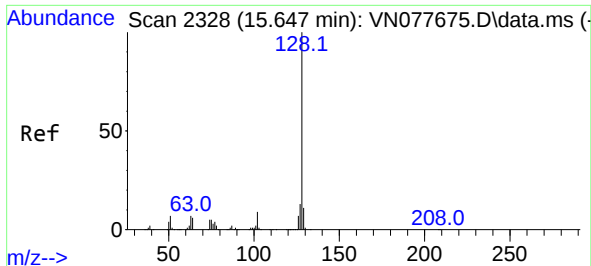
Tgt Ion:	180	Resp:	11273
Ion Ratio	Lower	Upper	
180	100		
182	88.5	46.1	138.2
145	37.2	16.6	49.8



#94
Hexachlorobutadiene
Concen: 2.532 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion:	225	Resp:	5284
Ion Ratio	Lower	Upper	
225	100		
223	56.7	31.3	93.8
227	58.3	31.9	95.9

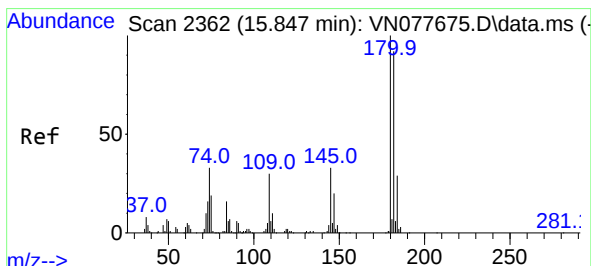
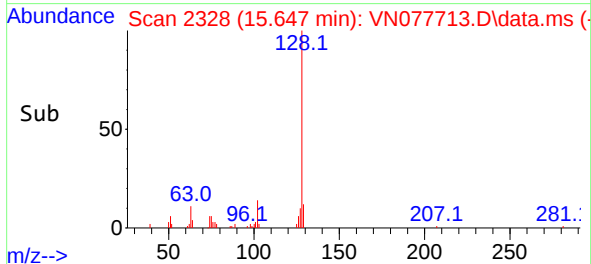
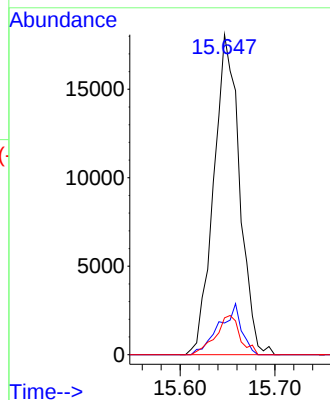
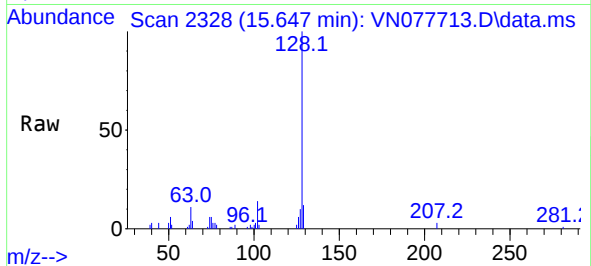




#95
Naphthalene
Concen: 1.988 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

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

Tgt Ion:	128	Resp:	34390
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	11.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.187 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077713.D
Acq: 17 May 2023 14:56

Tgt Ion:	180	Resp:	10764
Ion	Ratio	Lower	Upper
180	100		
182	99.6	46.2	138.6
145	36.3	17.5	52.6

