

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077712.D
 Acq On : 17 May 2023 14:32
 Operator : JC\MD
 Sample : 02213-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 18 02:41:52 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	380742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	700777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	593028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	232794	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	293492	51.518	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.040%	
35) Dibromofluoromethane	8.171	113	231946	50.758	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.520%	
50) Toluene-d8	10.571	98	870341	49.482	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	12.859	95	277663	44.697	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.400%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	2930	0.676	ug/l #	39
3) Chloromethane	2.365	50	4573	0.880	ug/l	89
4) Vinyl Chloride	2.512	62	4303	0.788	ug/l #	70
5) Bromomethane	2.971	94	4798	1.187	ug/l	87
6) Chloroethane	3.142	64	5319	1.351	ug/l #	76
7) Trichlorofluoromethane	3.512	101	5415	0.711	ug/l	95
8) Diethyl Ether	3.965	74	1700	0.612	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	2988	0.709	ug/l #	75
10) Methyl Iodide	4.589	142	2278	0.453	ug/l #	82
11) Tert butyl alcohol	5.530	59	1880	2.391	ug/l #	72
12) 1,1-Dichloroethene	4.359	96	3241	0.809	ug/l #	75
13) Acrolein	4.195	56	2783	4.978	ug/l #	56
14) Allyl chloride	5.030	41	3674	0.625	ug/l #	75
15) Acrylonitrile	5.742	53	7321	3.485	ug/l #	91
16) Acetone	4.442	43	7603	4.242	ug/l #	71
17) Carbon Disulfide	4.706	76	7054	0.654	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	10168	0.701	ug/l	98
20) Methylene Chloride	5.283	84	5165	0.962	ug/l #	86
21) trans-1,2-Dichloroethene	5.794	96	3086	0.686	ug/l #	79
22) Diisopropyl ether	6.677	45	9156	0.664	ug/l #	80
23) Vinyl Acetate	6.618	43	24616	2.881	ug/l	100
24) 1,1-Dichloroethane	6.577	63	6818	0.807	ug/l #	81
25) 2-Butanone	7.494	43	9102	3.246	ug/l	92
26) 2,2-Dichloropropane	7.500	77	4946	0.689	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	3865	0.717	ug/l	85
28) Bromochloromethane	7.824	49	2470	0.676	ug/l #	85
29) Tetrahydrofuran	7.853	42	6045	3.293	ug/l #	82
30) Chloroform	7.971	83	7501	0.807	ug/l	85
31) Cyclohexane	8.230	56	14138	1.826	ug/l #	45
32) 1,1,1-Trichloroethane	8.183	97	5841	0.739	ug/l #	47
36) 1,1-Dichloropropene	8.383	75	4884	0.731	ug/l	92
37) Ethyl Acetate	7.571	43	4387	0.736	ug/l #	85
38) Carbon Tetrachloride	8.371	117	4720	0.699	ug/l	94
39) Methylcyclohexane	9.612	83	5830	0.712	ug/l	93
40) Benzene	8.612	78	14094	0.715	ug/l #	83
41) Methacrylonitrile	7.783	41	1467	0.462	ug/l #	64

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.682	62	6081	0.849	ug/l	81
43) Isopropyl Acetate	8.694	43	6772	0.696	ug/l #	89
44) Trichloroethene	9.359	130	3467	0.694	ug/l	70
45) 1,2-Dichloropropane	9.618	63	3705	0.736	ug/l #	74
46) Dibromomethane	9.712	93	2763	0.767	ug/l	91
47) Bromodichloromethane	9.894	83	4992	0.724	ug/l	87
48) Methyl methacrylate	9.694	41	3654	0.792	ug/l #	83
49) 1,4-Dioxane	9.700	88	1042	11.958	ug/l #	74
51) 4-Methyl-2-Pentanone	10.453	43	18894	3.267	ug/l	92
52) Toluene	10.629	92	9195	0.749	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	4758	0.652	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	5386	0.670	ug/l #	75
55) 1,1,2-Trichloroethane	11.029	97	3119	0.640	ug/l #	88
56) Ethyl methacrylate	10.876	69	4661	0.632	ug/l #	84
57) 1,3-Dichloropropane	11.176	76	5966	0.714	ug/l #	88
58) 2-Chloroethyl Vinyl ether	10.171	63	11671	3.218	ug/l	95
59) 2-Hexanone	11.206	43	13190	3.083	ug/l	98
60) Dibromochloromethane	11.365	129	3420	0.679	ug/l	81
61) 1,2-Dibromoethane	11.482	107	3325	0.684	ug/l	89
64) Tetrachloroethene	11.112	164	3237	0.781	ug/l	95
65) Chlorobenzene	11.906	112	9307	0.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.971	131	2897	0.651	ug/l #	64
67) Ethyl Benzene	11.971	91	16403	0.712	ug/l	98
68) m/p-Xylenes	12.071	106	11040	1.265	ug/l	86
69) o-Xylene	12.406	106	5320	0.620	ug/l	77
70) Styrene	12.423	104	9031	0.662	ug/l	92
71) Bromoform	12.582	173	1797	0.607	ug/l #	91
73) Isopropylbenzene	12.700	105	13929	0.694	ug/l	99
74) N-amyl acetate	12.500	43	5556	0.749	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	4146	0.672	ug/l	73
76) 1,2,3-Trichloropropane	13.000	75	6380	1.094	ug/l	67
77) Bromobenzene	12.994	156	3680	0.804	ug/l	96
78) n-propylbenzene	13.041	91	17398	0.735	ug/l	100
79) 2-Chlorotoluene	13.135	91	10103	0.716	ug/l	93
80) 1,3,5-Trimethylbenzene	13.182	105	10809	0.641	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.853	75	145178	79.599	ug/l #	15
82) 4-Chlorotoluene	13.229	91	10880	0.775	ug/l	96
83) tert-Butylbenzene	13.441	119	11321	0.769	ug/l	90
84) 1,2,4-Trimethylbenzene	13.494	105	11274	0.680	ug/l	97
85) sec-Butylbenzene	13.623	105	14427	0.689	ug/l	97
86) p-Isopropyltoluene	13.735	119	9664	0.579	ug/l	85
87) 1,3-Dichlorobenzene	13.735	146	6023	0.711	ug/l	95
88) 1,4-Dichlorobenzene	13.735	146	6023	0.717	ug/l	93
89) n-Butylbenzene	14.065	91	10257	0.668	ug/l	93
90) Hexachloroethane	14.341	117	1968	0.718	ug/l	87
91) 1,2-Dichlorobenzene	14.117	146	6362	0.804	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	322	0.269	ug/l #	38
93) 1,2,4-Trichlorobenzene	15.394	180	3142	0.680	ug/l	86
94) Hexachlorobutadiene	15.500	225	1237	0.644	ug/l	80
95) Naphthalene	15.653	128	10969	0.689	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	3359	0.742	ug/l	97

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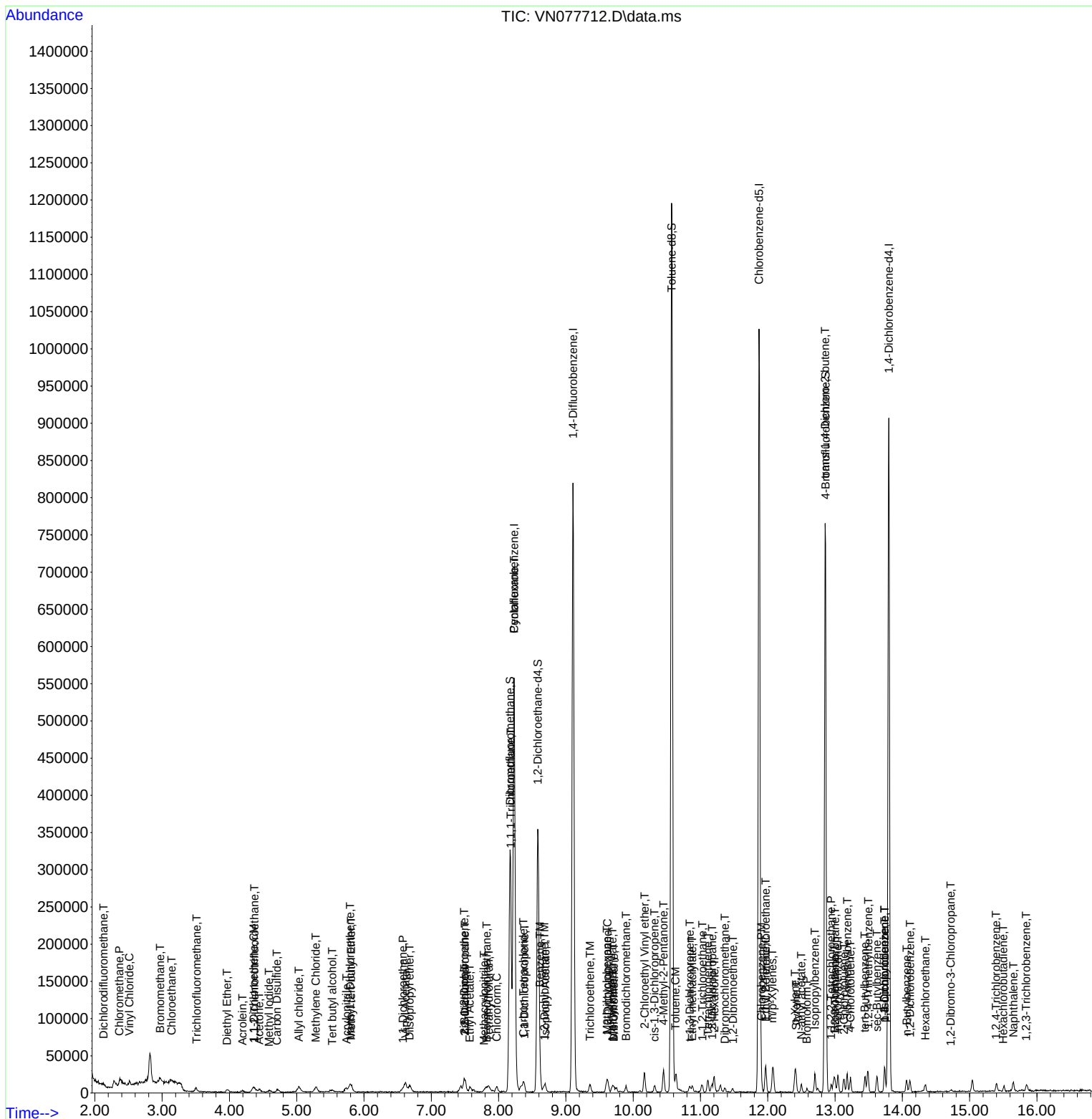
Instrument :
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ClientSampleId :
MDL-WATER-03-QT2-2023

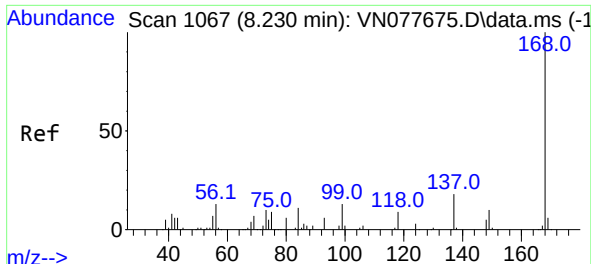
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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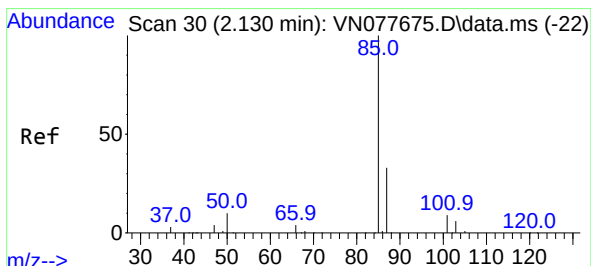
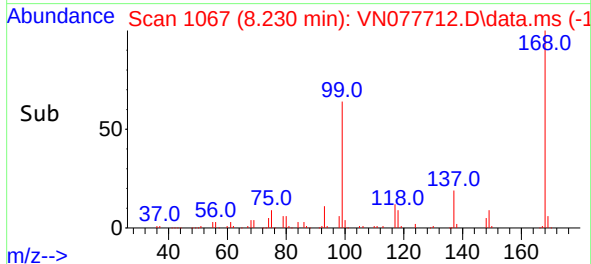
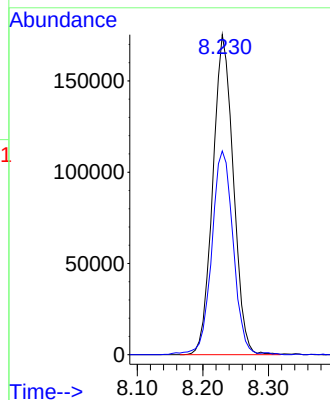
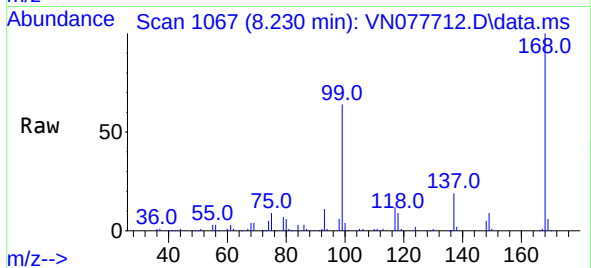




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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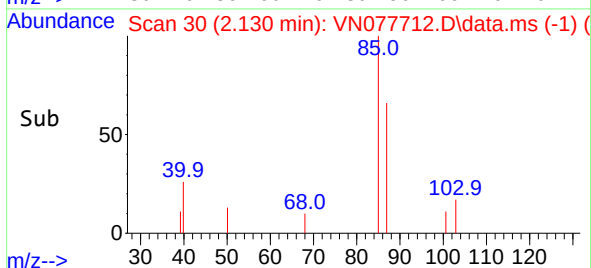
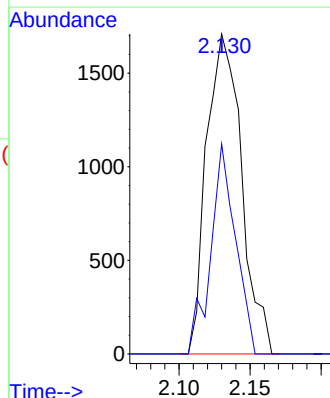
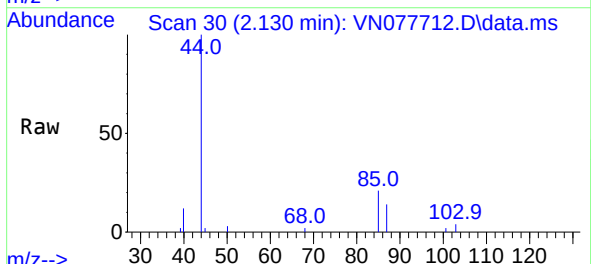
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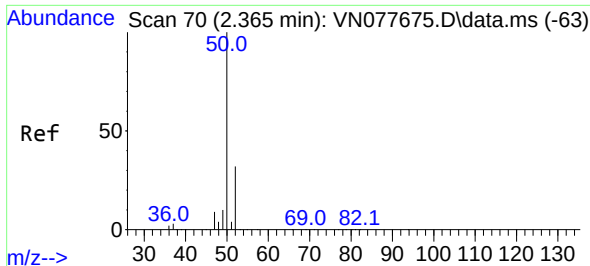
Tgt Ion:168 Resp: 380742
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.676 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 85 Resp: 2930
Ion Ratio Lower Upper
85 100
87 65.7 15.8 47.4#

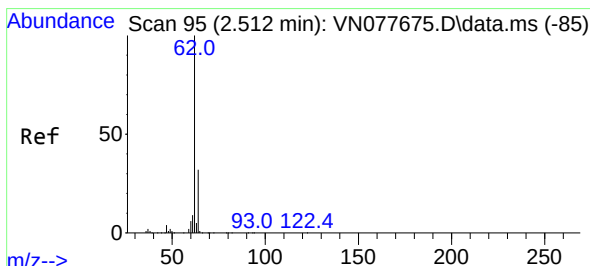
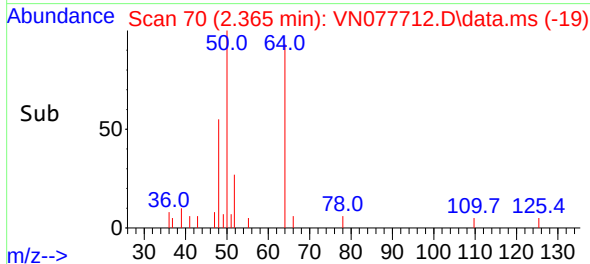
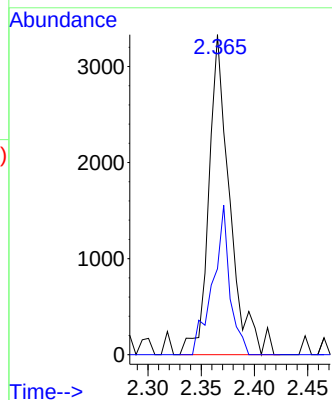
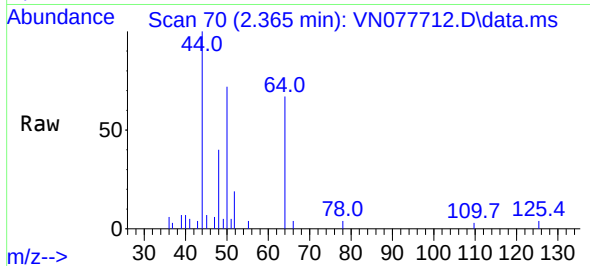




#3
Chloromethane
Concen: 0.880 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

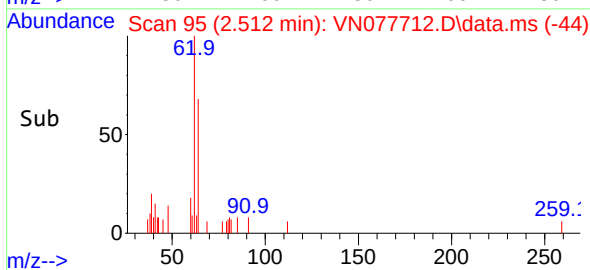
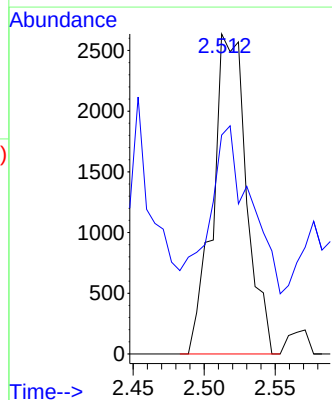
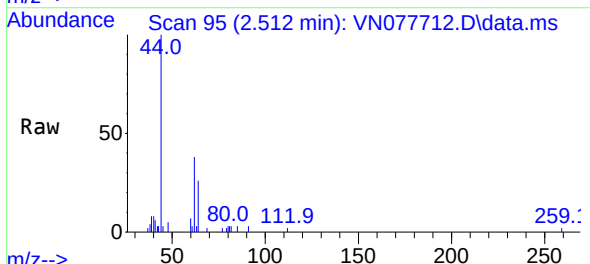
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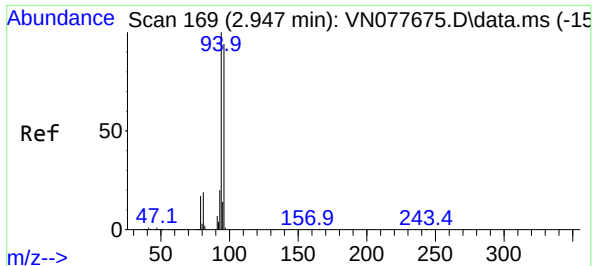
Tgt Ion: 50 Resp: 4573
Ion Ratio Lower Upper
50 100
52 26.9 26.5 39.7



#4
Vinyl Chloride
Concen: 0.788 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 62 Resp: 4303
Ion Ratio Lower Upper
62 100
64 49.6 26.2 39.2#

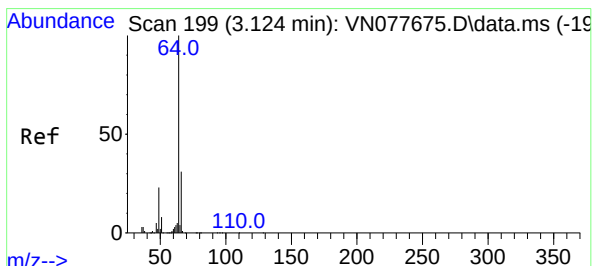
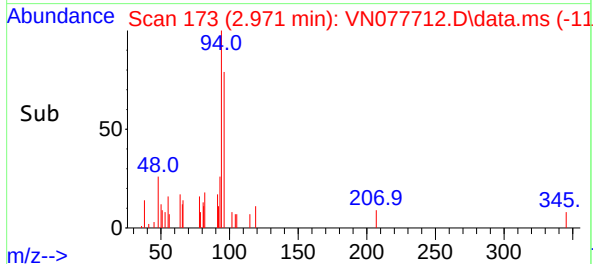
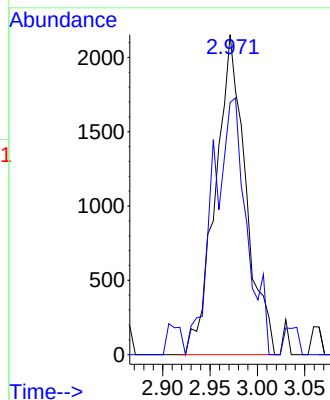
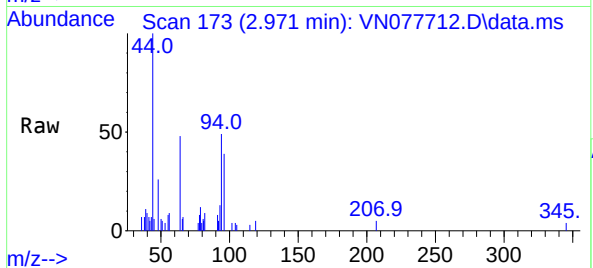




#5
Bromomethane
Concen: 1.187 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

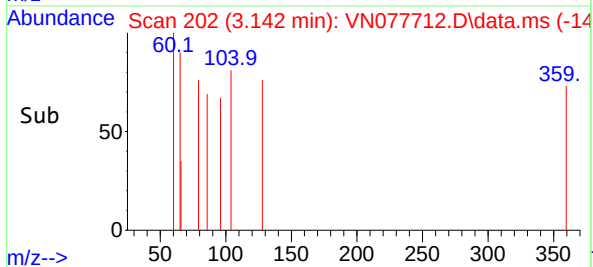
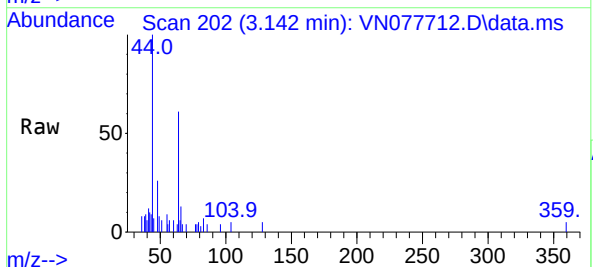
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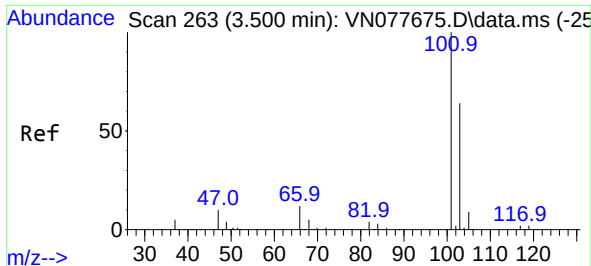
Tgt Ion: 94 Resp: 4798
Ion Ratio Lower Upper
94 100
96 78.9 73.1 109.7



#6
Chloroethane
Concen: 1.351 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.018 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 64 Resp: 5319
Ion Ratio Lower Upper
64 100
66 18.7 25.4 38.2#

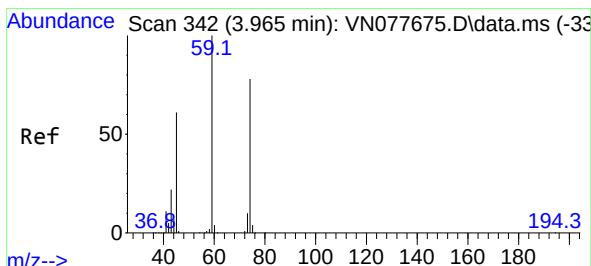
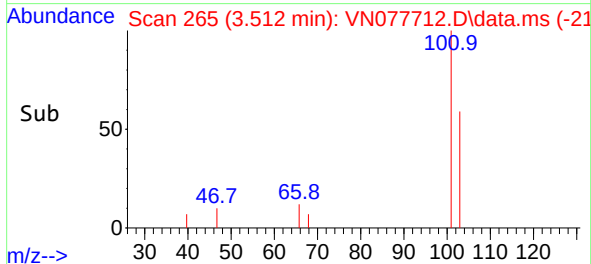
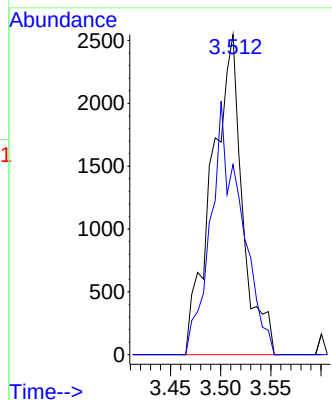
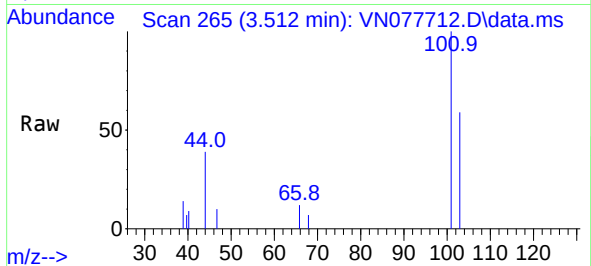




#7
Trichlorofluoromethane
Concen: 0.711 ug/l
RT: 3.512 min Scan# 210
Delta R.T. 0.012 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

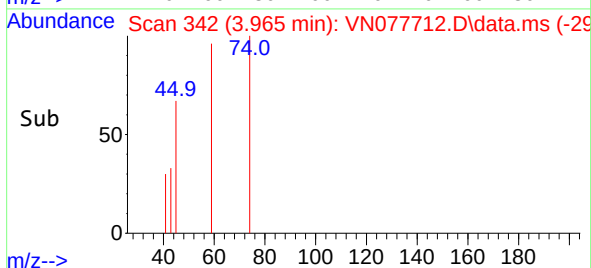
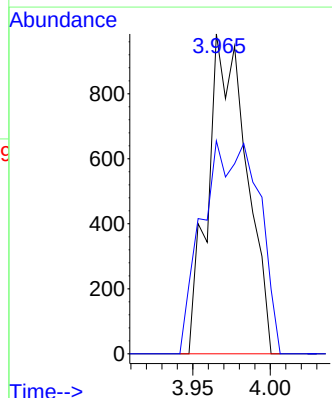
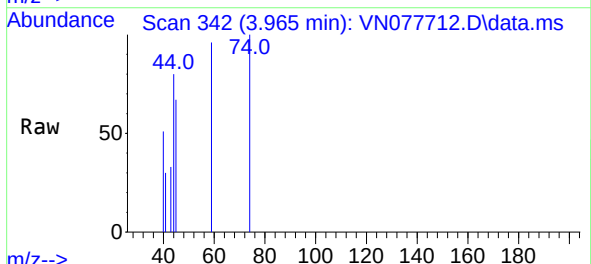
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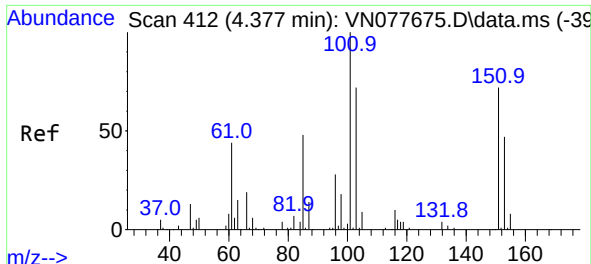
Tgt Ion:101 Resp: 5415
Ion Ratio Lower Upper
101 100
103 59.4 50.7 76.1



#8
Diethyl Ether
Concen: 0.612 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 74 Resp: 1700
Ion Ratio Lower Upper
74 100
45 97.2 34.4 103.3

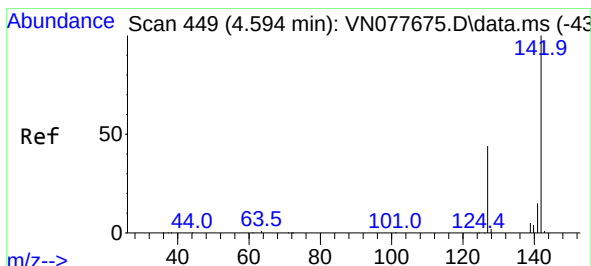
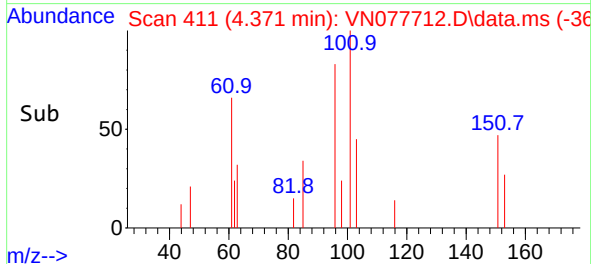
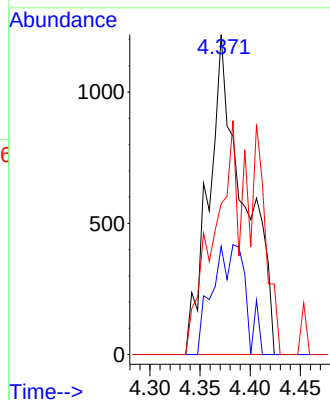
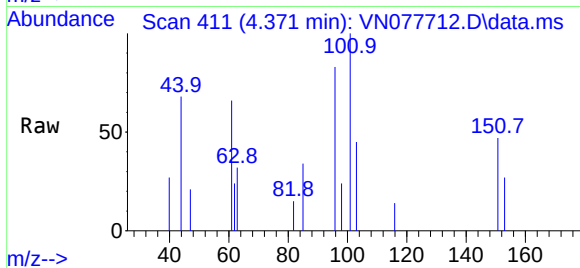




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.709 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077712.D
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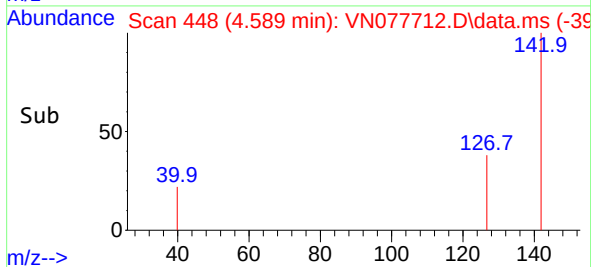
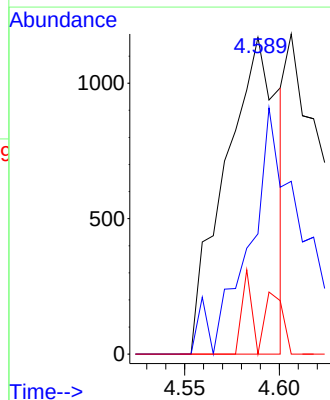
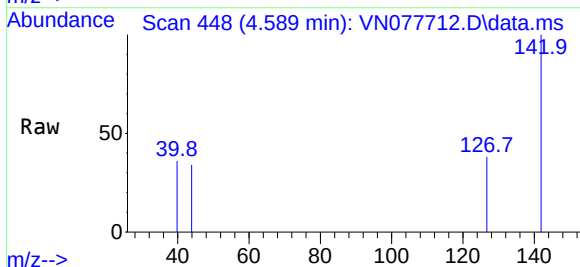
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

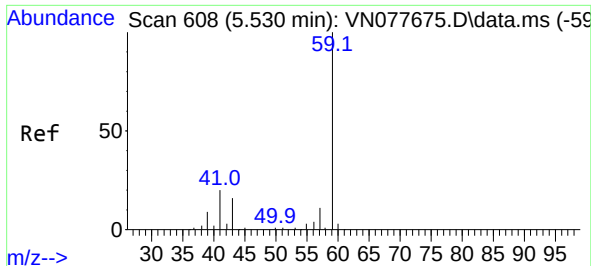
Tgt Ion:101 Resp: 2988
Ion Ratio Lower Upper
101 100
85 32.3 36.6 55.0#
151 48.8 57.6 86.4#



#10
Methyl Iodide
Concen: 0.453 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.005 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:142 Resp: 2278
Ion Ratio Lower Upper
142 100
127 38.0 37.6 56.4
141 0.0 11.4 17.0#

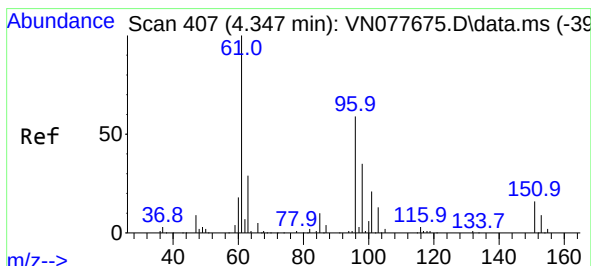
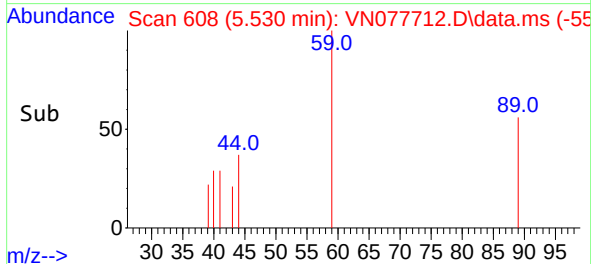
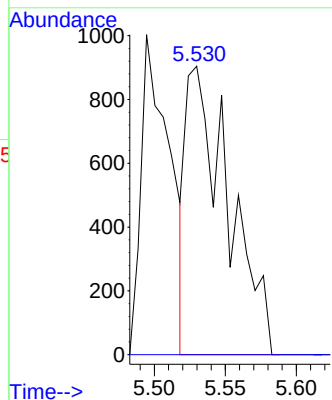
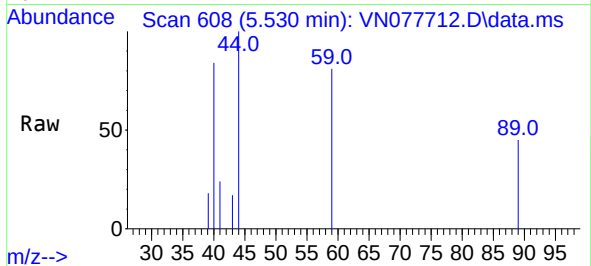




#11
Tert butyl alcohol
Concen: 2.391 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

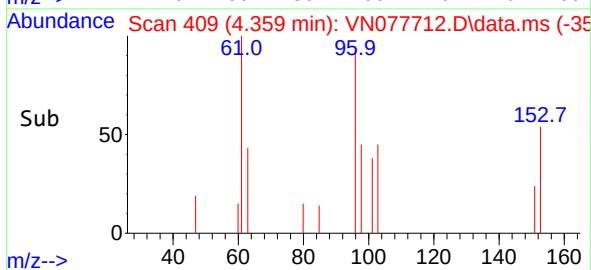
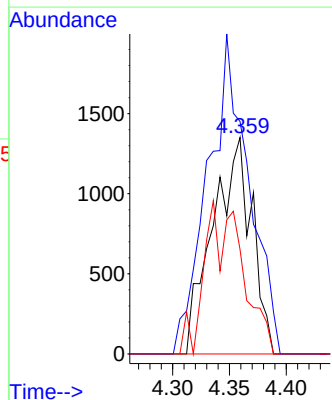
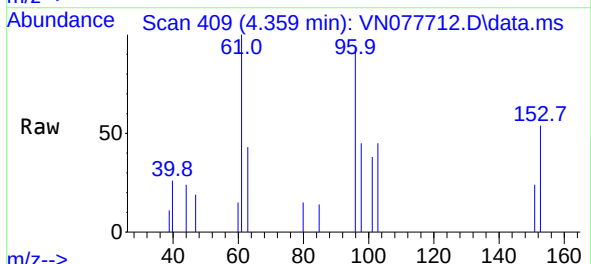
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

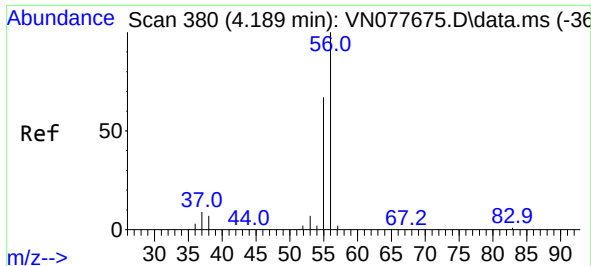
Tgt Ion: 59 Resp: 1880
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.809 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.012 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 96 Resp: 3241
Ion Ratio Lower Upper
96 100
61 107.4 112.7 169.1#
98 48.3 51.2 76.8#





#13

Acrolein

Concen: 4.978 ug/l

RT: 4.195 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

Instrument :

MSVOA_N

ClientSampleId :

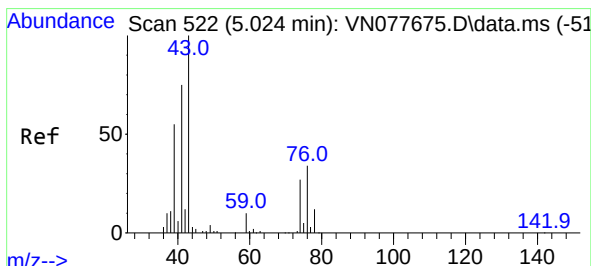
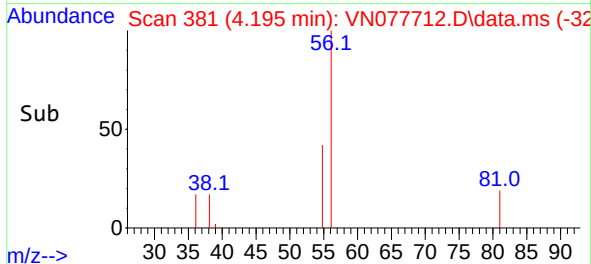
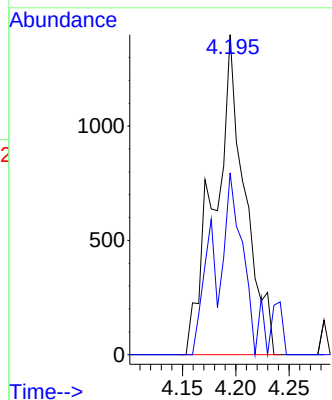
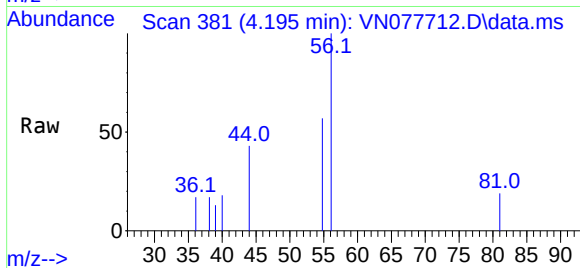
MDL-WATER-03-QT2-2023

Tgt Ion: 56 Resp: 2783

Ion Ratio Lower Upper

56 100

55 32.6 54.5 81.7#



#14

Allyl chloride

Concen: 0.625 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

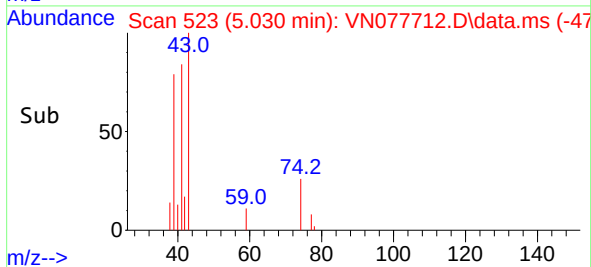
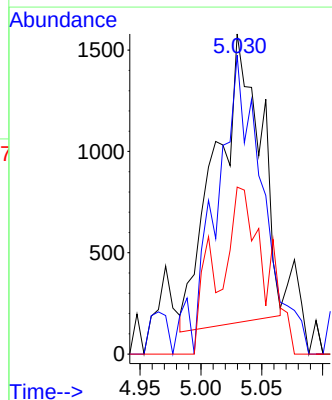
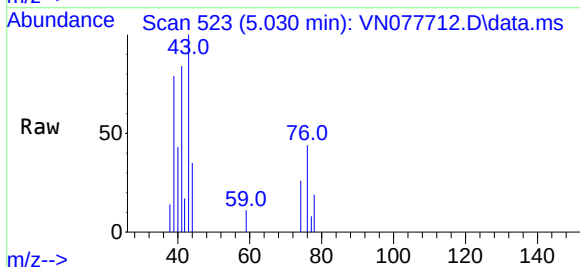
Tgt Ion: 41 Resp: 3674

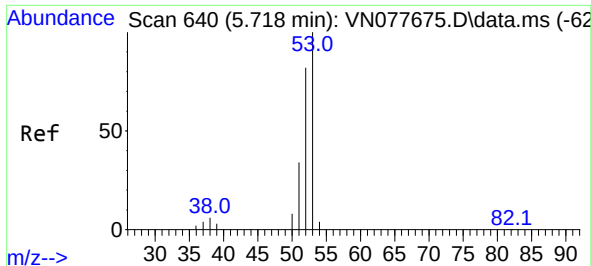
Ion Ratio Lower Upper

41 100

39 107.1 58.8 88.2#

76 46.9 39.1 58.7

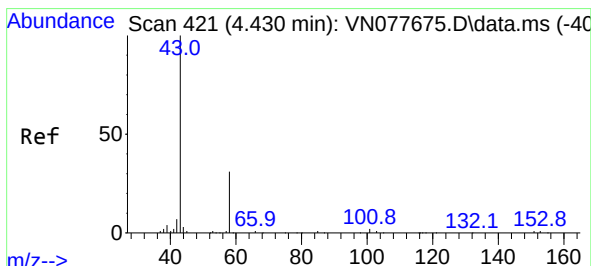
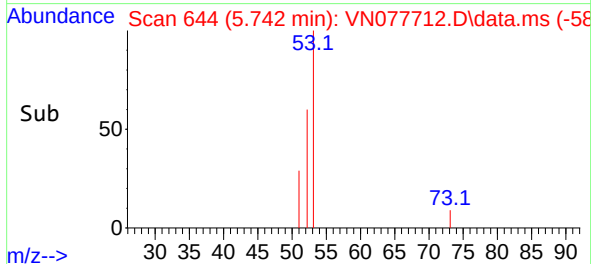
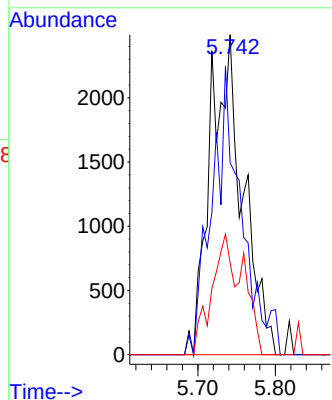
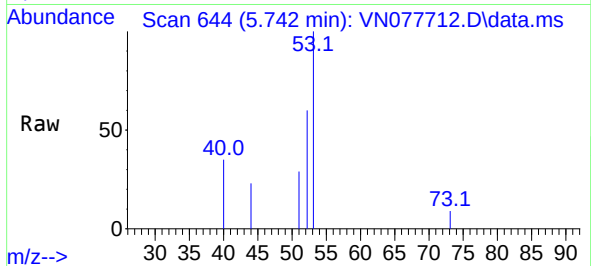




#15
Acrylonitrile
Concen: 3.485 ug/l
RT: 5.742 min Scan# 64
Delta R.T. 0.024 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

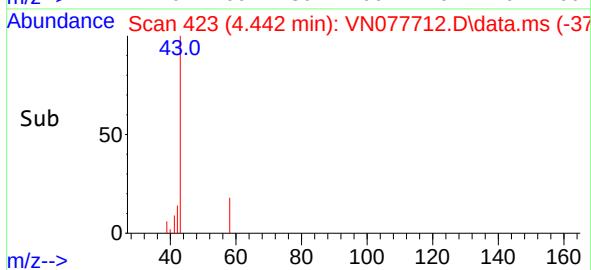
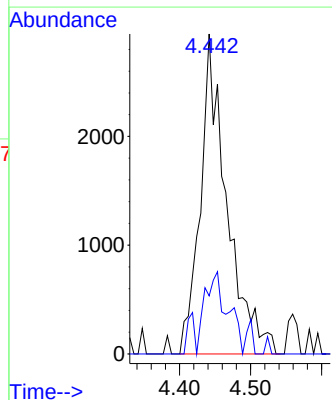
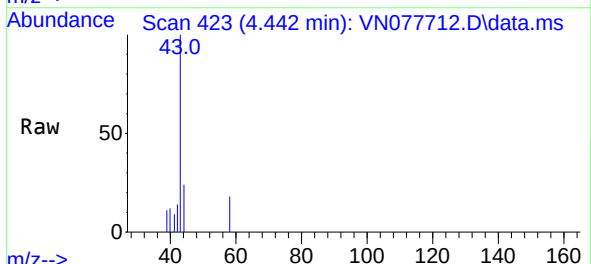
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

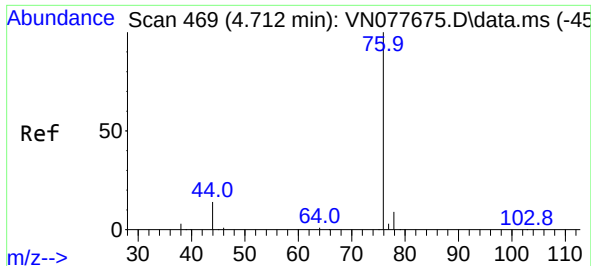
Tgt Ion: 53 Resp: 7321
Ion Ratio Lower Upper
53 100
52 78.0 65.3 97.9
51 24.1 28.9 43.3#



#16
Acetone
Concen: 4.242 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 43 Resp: 7603
Ion Ratio Lower Upper
43 100
58 18.2 28.0 42.0#





#17

Carbon Disulfide

Concen: 0.654 ug/l

RT: 4.706 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

Instrument :

MSVOA_N

ClientSampleId :

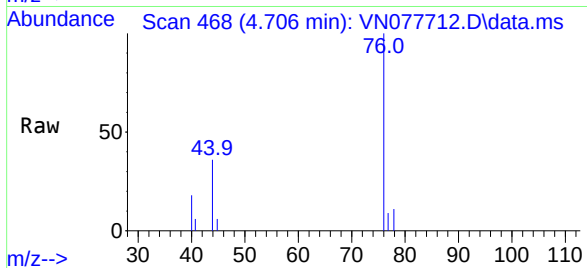
MDL-WATER-03-QT2-2023

Tgt Ion: 76 Resp: 7054

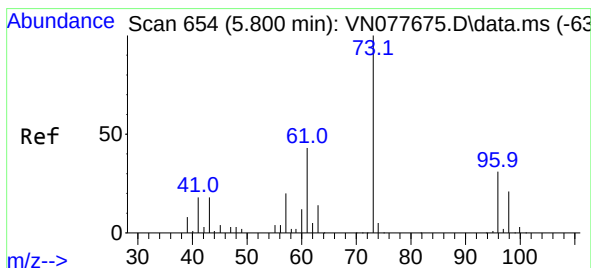
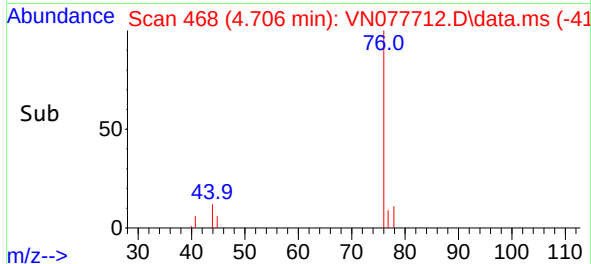
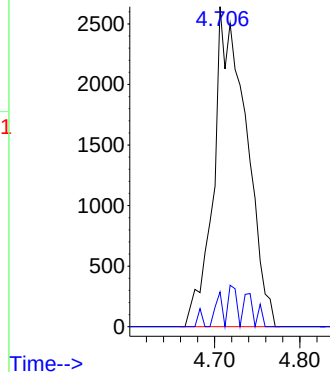
Ion Ratio Lower Upper

76 100

78 10.9 7.4 11.0



Abundance



#19

Methyl tert-butyl Ether

Concen: 0.701 ug/l

RT: 5.806 min Scan# 655

Delta R.T. 0.006 min

Lab File: VN077712.D

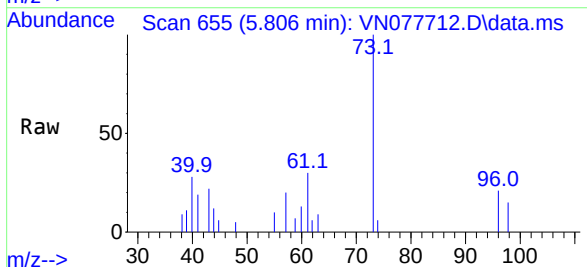
Acq: 17 May 2023 14:32

Tgt Ion: 73 Resp: 10168

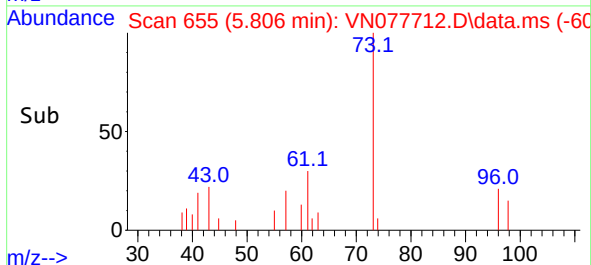
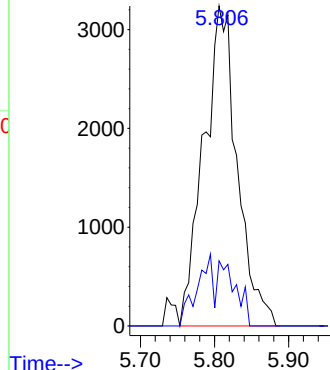
Ion Ratio Lower Upper

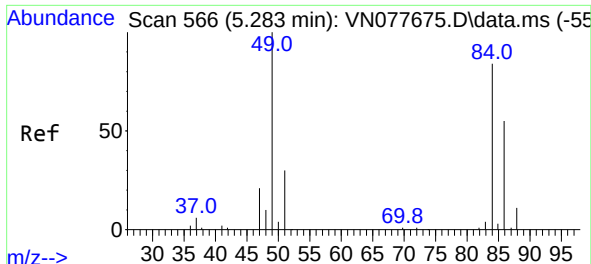
73 100

57 20.4 15.6 23.4



Abundance

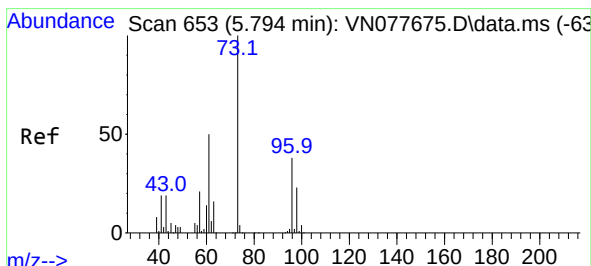
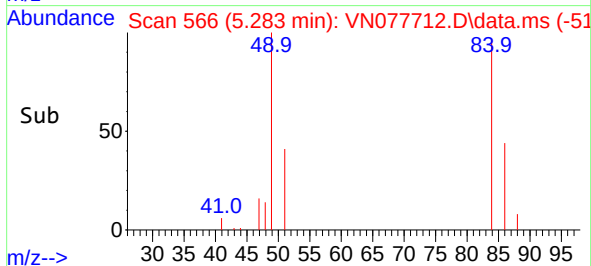
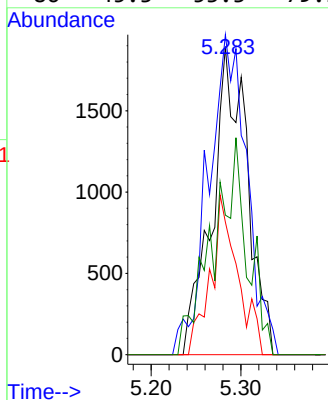
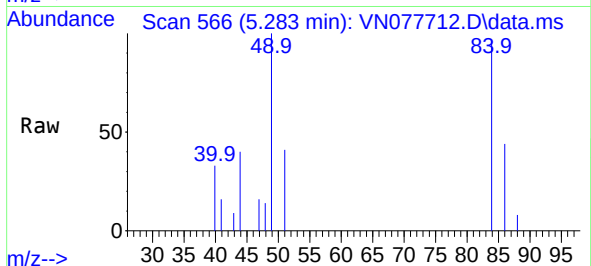




#20
Methylene Chloride
Concen: 0.962 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

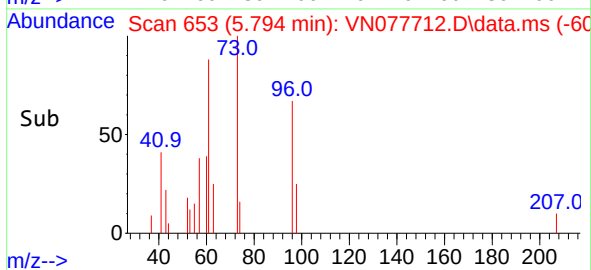
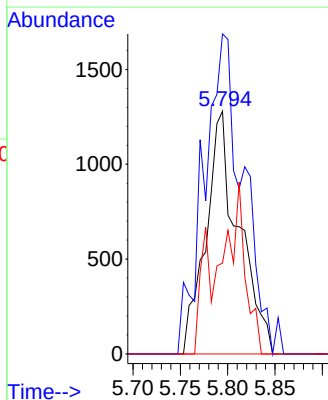
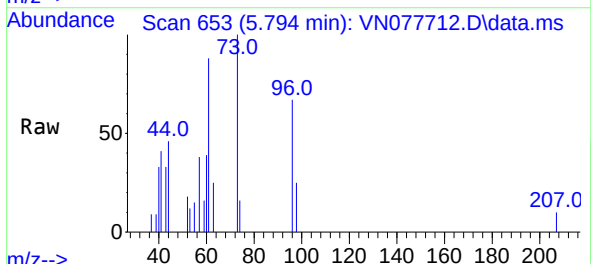
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

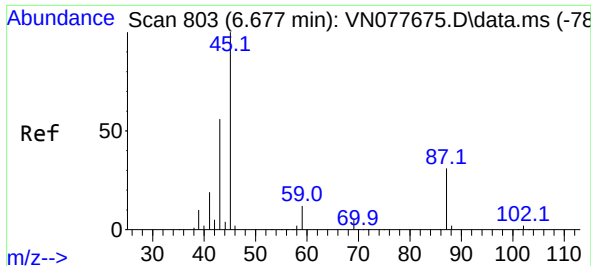
Tgt Ion:	84	Resp:	5165
Ion	Ratio	Lower	Upper
84	100		
49	103.9	79.7	119.5
51	43.0	25.2	37.8#
86	45.3	53.3	79.9#



#21
trans-1,2-Dichloroethene
Concen: 0.686 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:	96	Resp:	3086
Ion	Ratio	Lower	Upper
96	100		
61	131.8	90.1	135.1
98	37.4	46.4	69.6#

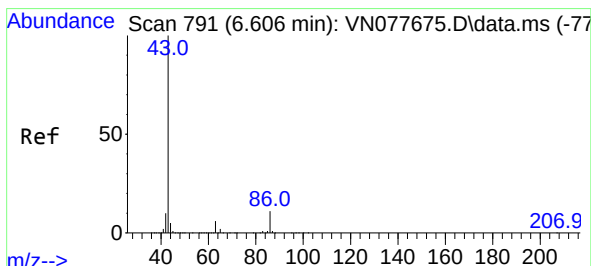
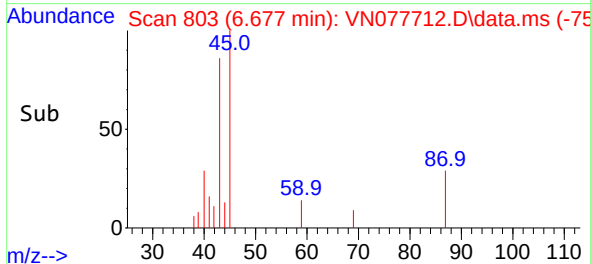
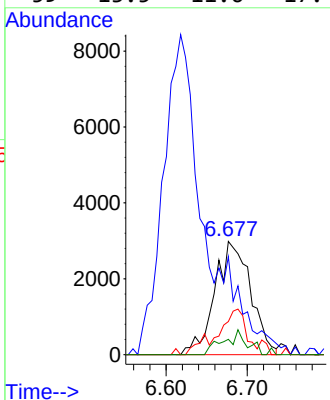
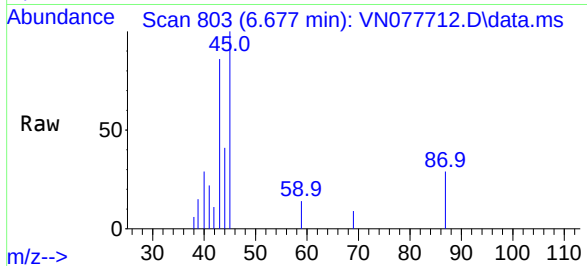




#22
Diisopropyl ether
Concen: 0.664 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

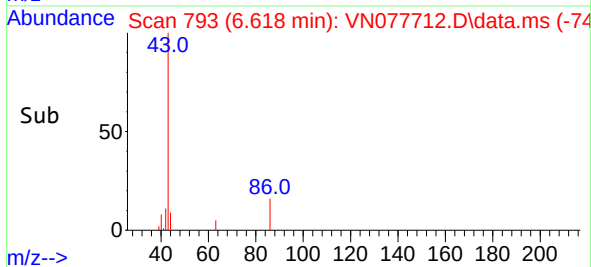
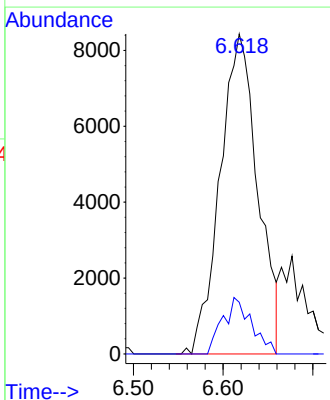
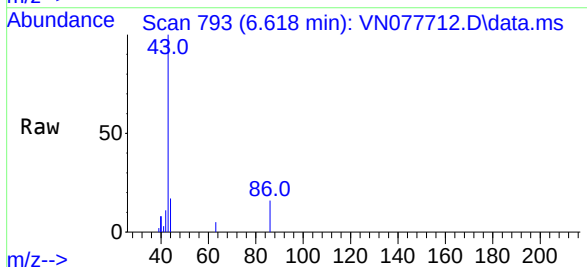
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

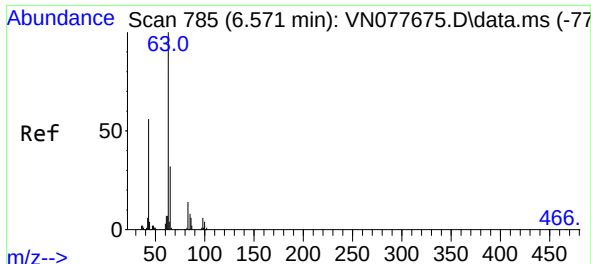
Tgt Ion:	45	Resp:	9156
Ion	Ratio	Lower	Upper
45	100		
43	76.5	45.5	68.3#
87	29.2	31.8	47.8#
59	13.5	11.6	17.4



#23
Vinyl Acetate
Concen: 2.881 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.012 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:	43	Resp:	24616
Ion	Ratio	Lower	Upper
43	100		
86	16.1	13.0	19.6

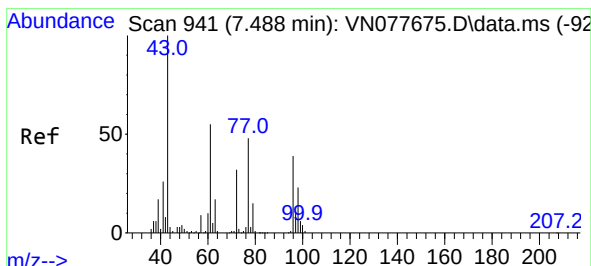
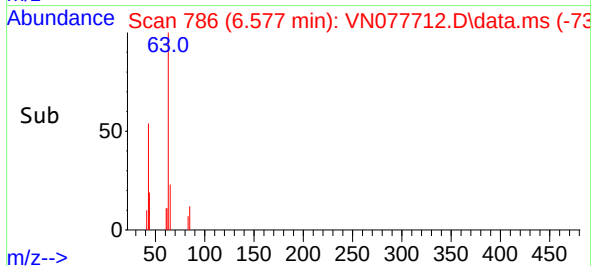
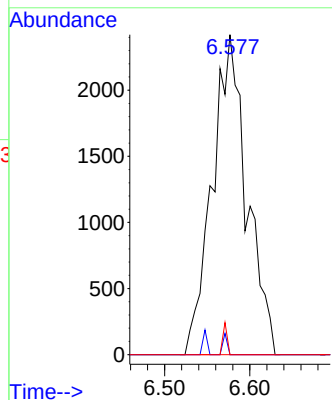
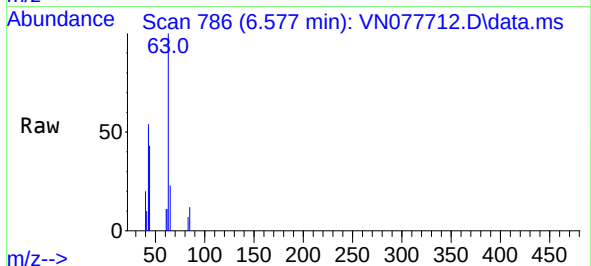




#24
1,1-Dichloroethane
Concen: 0.807 ug/l
RT: 6.577 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

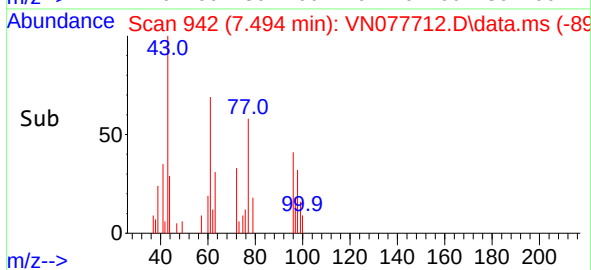
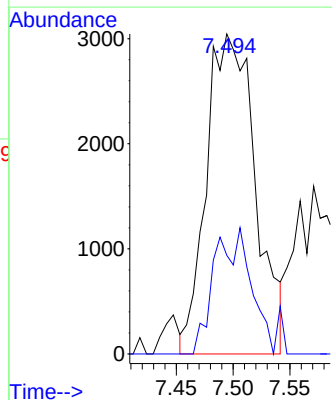
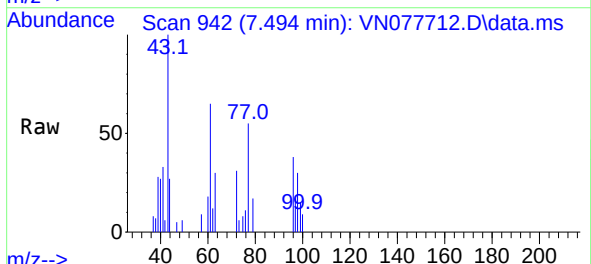
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

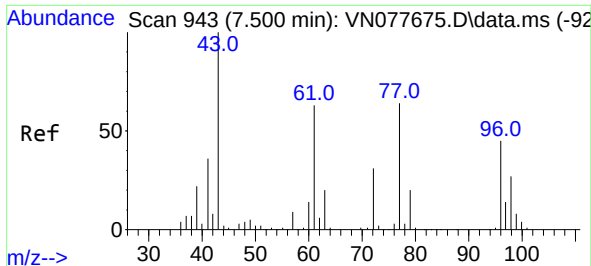
Tgt Ion: 63 Resp: 6818
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.5 7.4#



#25
2-Butanone
Concen: 3.246 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 43 Resp: 9102
Ion Ratio Lower Upper
43 100
72 32.8 30.2 45.2

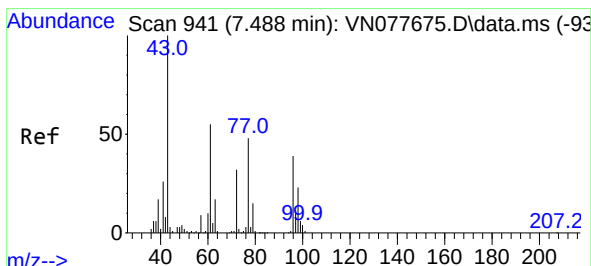
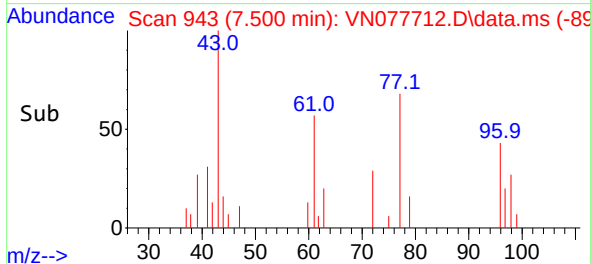
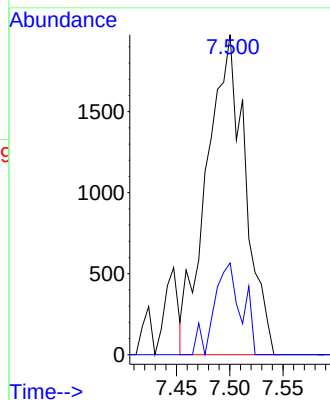
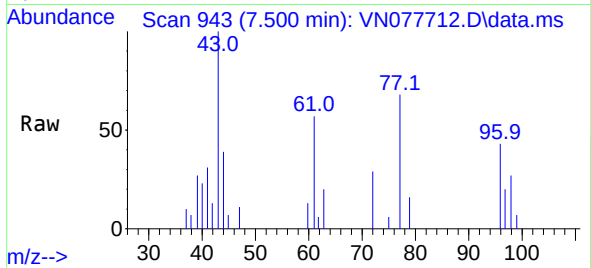




#26
2,2-Dichloropropane
Concen: 0.689 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

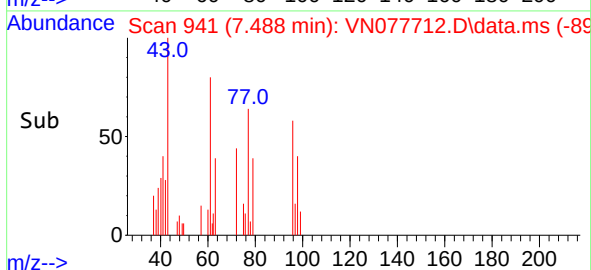
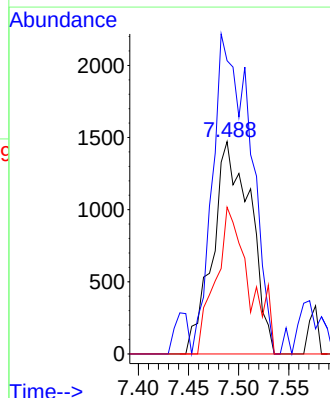
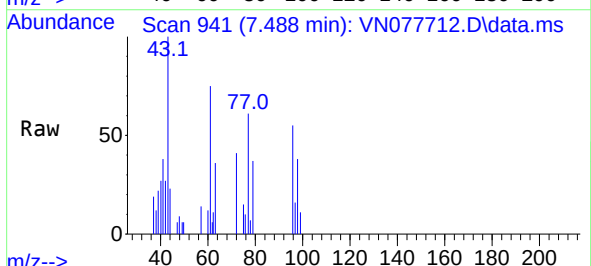
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

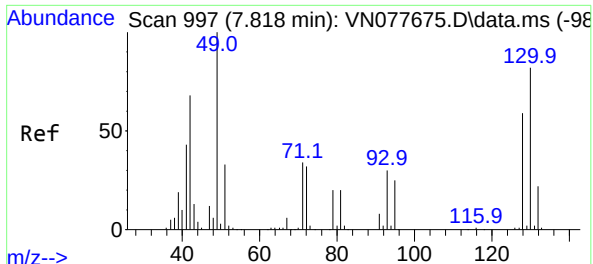
Tgt Ion: 77 Resp: 4946
Ion Ratio Lower Upper
77 100
97 20.2 11.2 33.6



#27
cis-1,2-Dichloroethene
Concen: 0.717 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 96 Resp: 3865
Ion Ratio Lower Upper
96 100
61 150.3 0.0 255.2
98 60.9 0.0 128.8

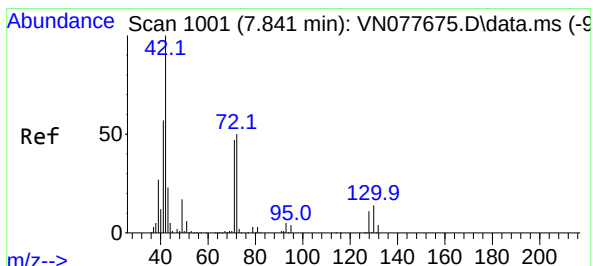
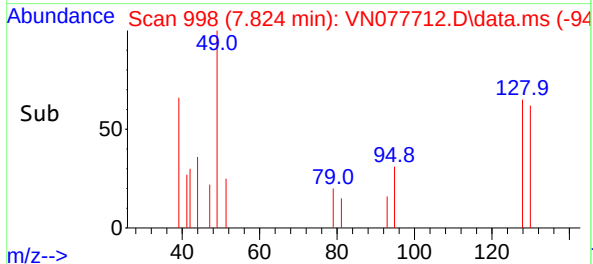
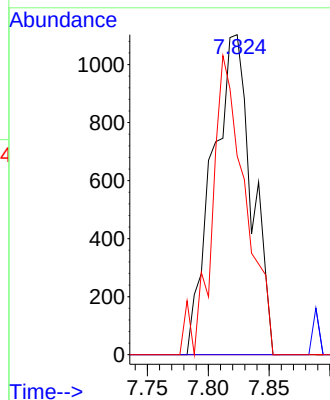
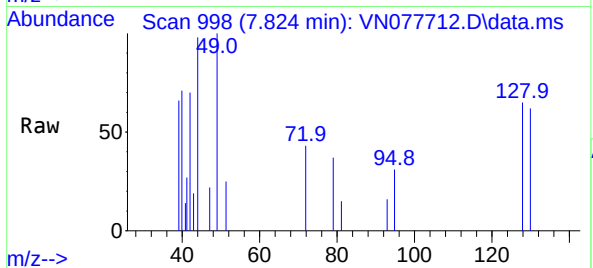




#28
Bromochloromethane
Concen: 0.676 ug/l
RT: 7.824 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

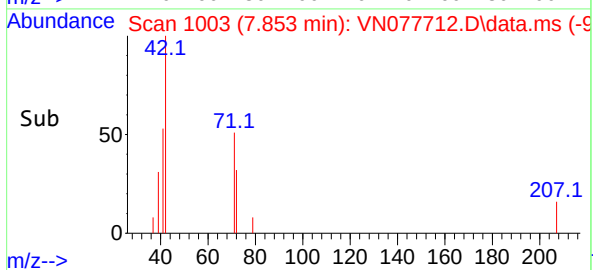
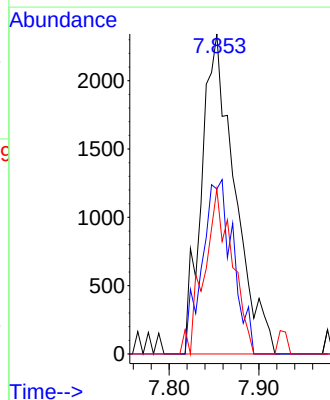
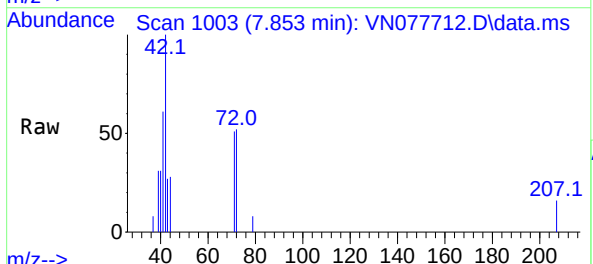
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

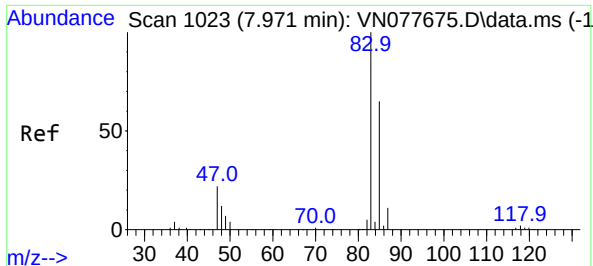
Tgt Ion: 49 Resp: 2470
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 79.3 75.3 112.9



#29
Tetrahydrofuran
Concen: 3.293 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 42 Resp: 6045
Ion Ratio Lower Upper
42 100
72 50.4 49.8 74.6
71 43.6 47.4 71.2#

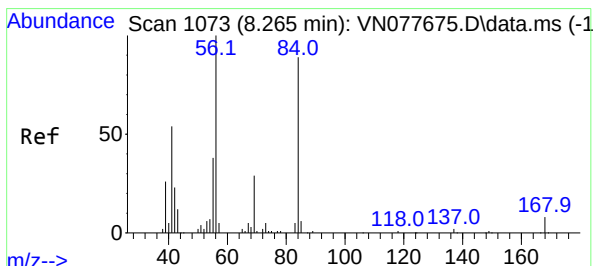
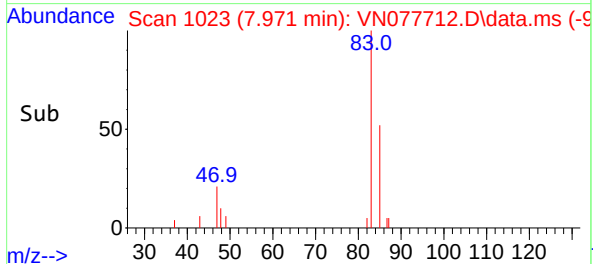
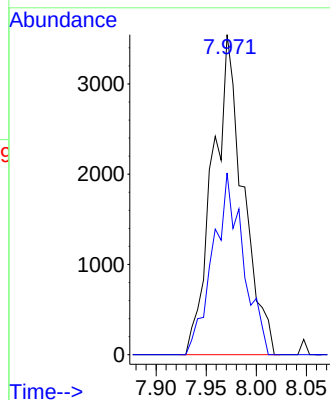
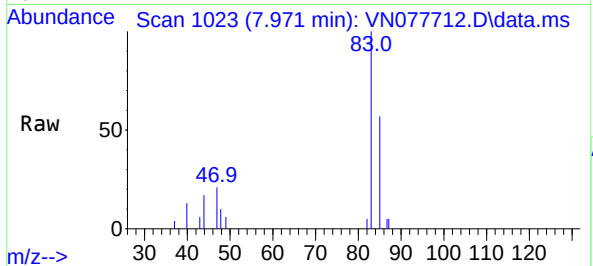




#30
Chloroform
Concen: 0.807 ug/l
RT: 7.971 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

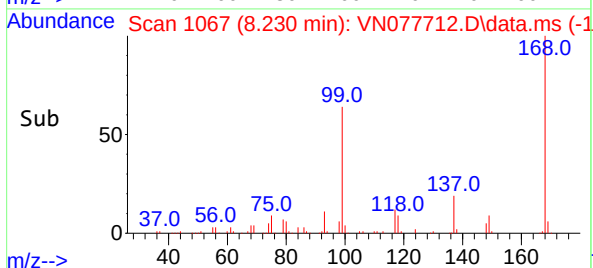
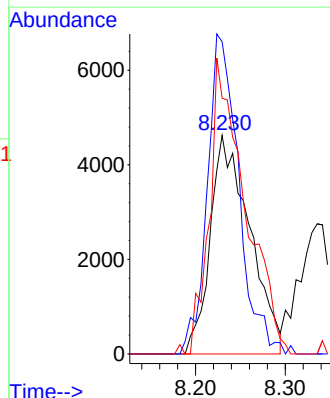
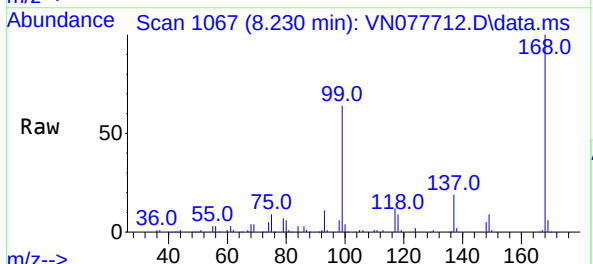
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

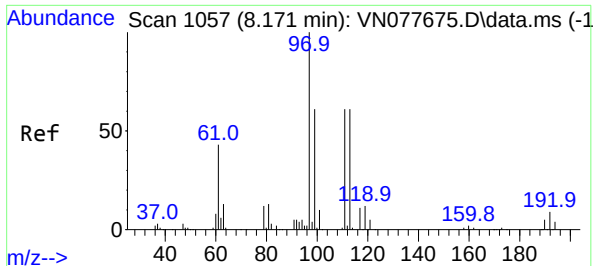
Tgt Ion: 83 Resp: 7501
Ion Ratio Lower Upper
83 100
85 56.8 55.4 83.0



#31
Cyclohexane
Concen: 1.826 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 56 Resp: 14138
Ion Ratio Lower Upper
56 100
69 142.8 26.8 40.2#
84 112.8 81.8 122.6





#32

1,1,1-Trichloroethane

Concen: 0.739 ug/l

RT: 8.183 min Scan# 1057

Delta R.T. 0.012 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

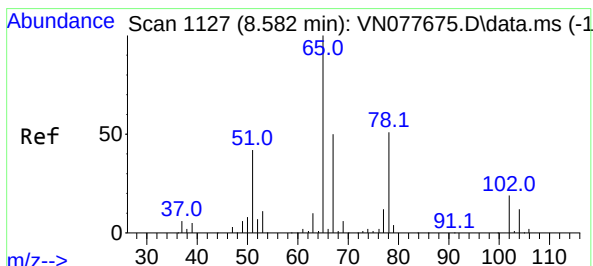
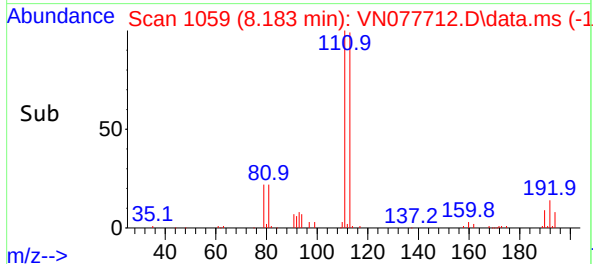
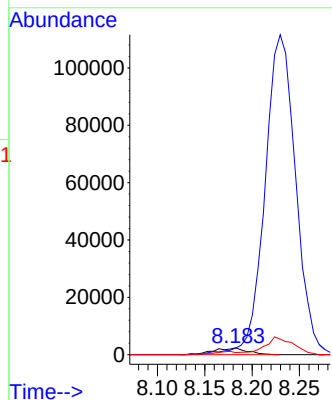
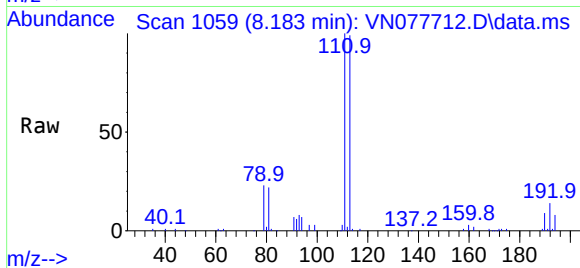
Tgt Ion: 97 Resp: 5841

Ion Ratio Lower Upper

97 100

99 0.0 50.3 75.5#

61 36.3 34.7 52.1



#33

1,2-Dichloroethane-d4

Concen: 51.518 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077712.D

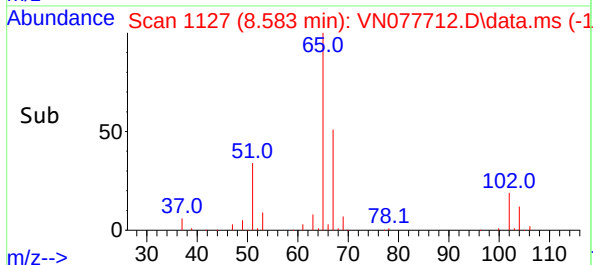
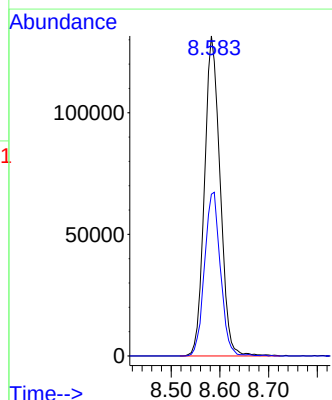
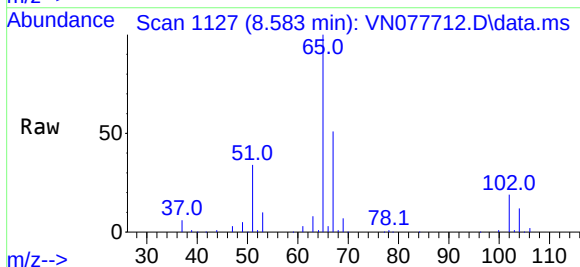
Acq: 17 May 2023 14:32

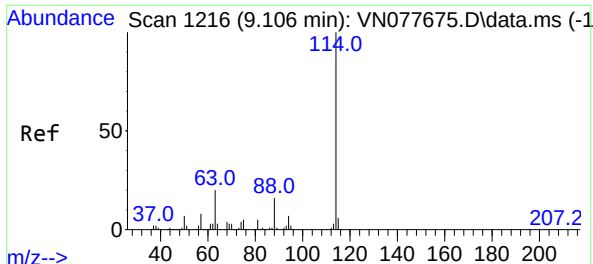
Tgt Ion: 65 Resp: 293492

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

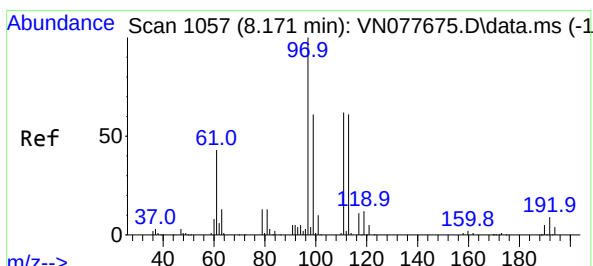
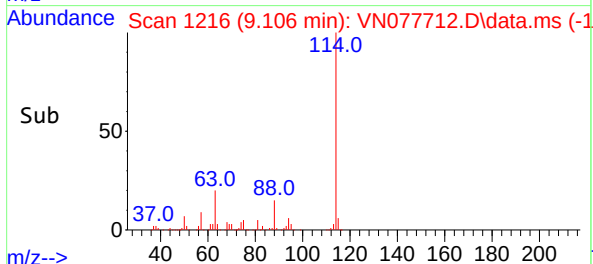
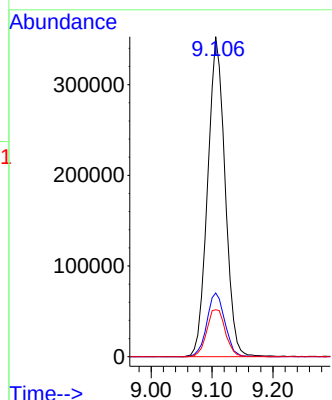
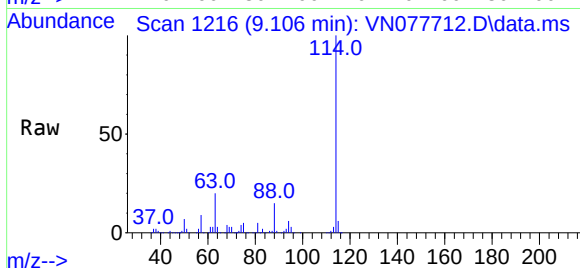
Tgt Ion:114 Resp: 700777

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.758 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

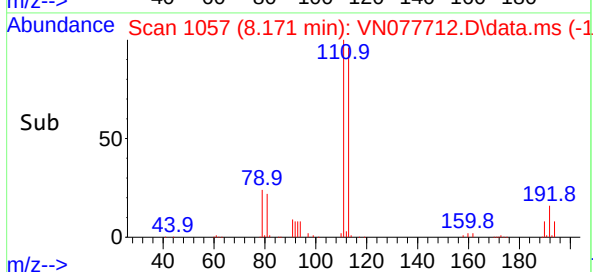
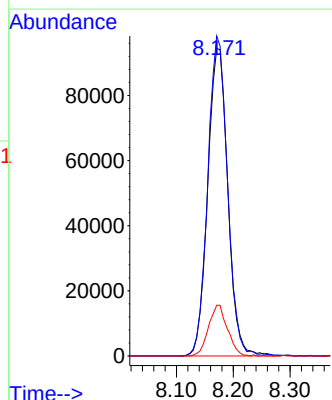
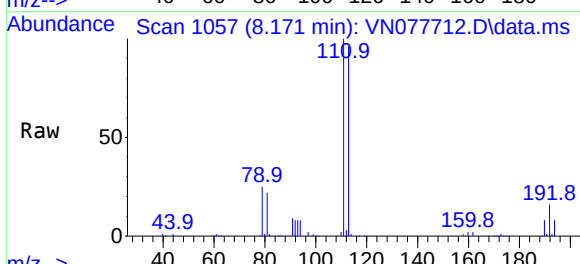
Tgt Ion:113 Resp: 231946

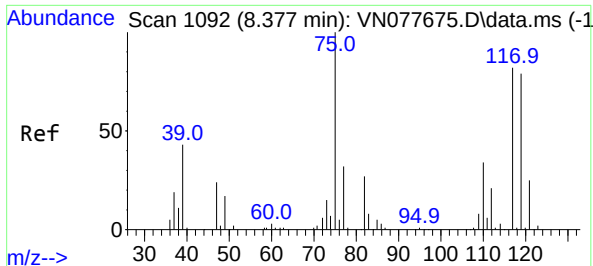
Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 15.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 0.731 ug/l

RT: 8.383 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

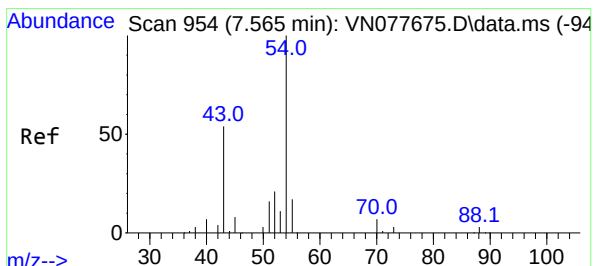
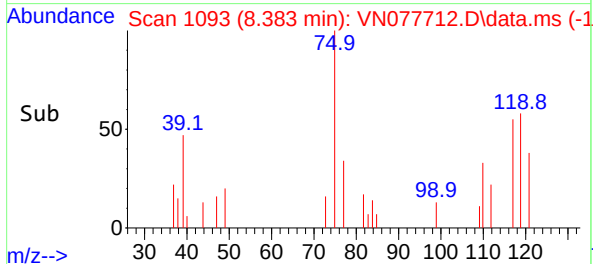
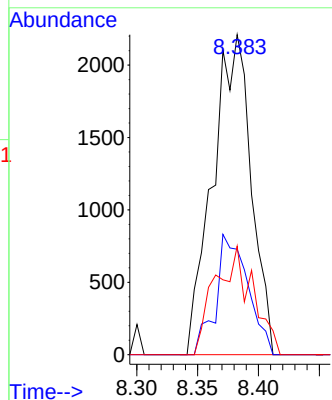
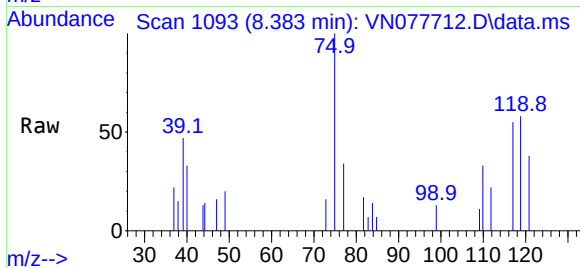
Tgt Ion: 75 Resp: 4884

Ion Ratio Lower Upper

75 100

110 31.1 19.1 57.3

77 33.1 25.0 37.4



#37

Ethyl Acetate

Concen: 0.736 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

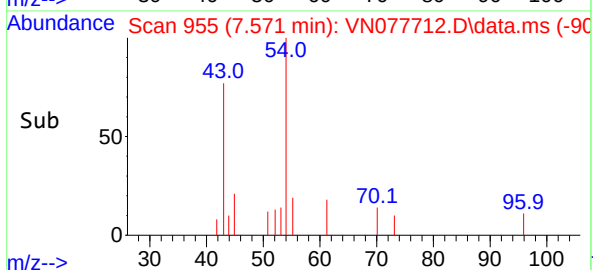
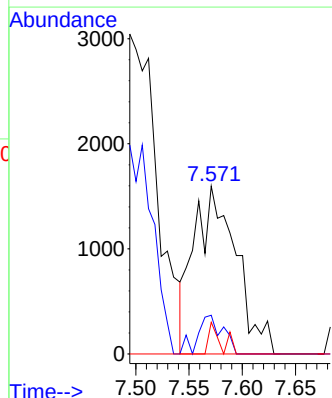
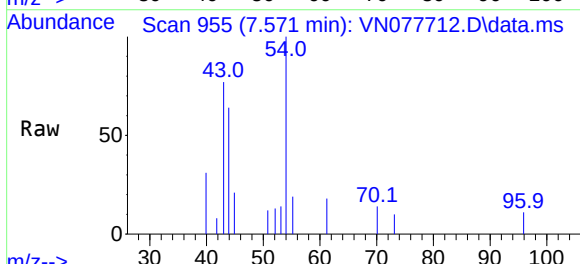
Tgt Ion: 43 Resp: 4387

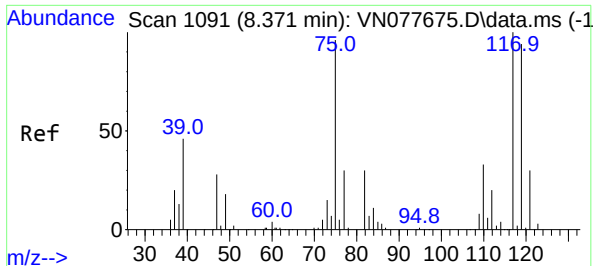
Ion Ratio Lower Upper

43 100

61 13.7 13.2 19.8

70 3.7 11.3 16.9#

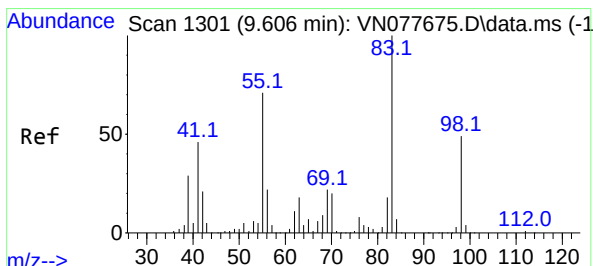
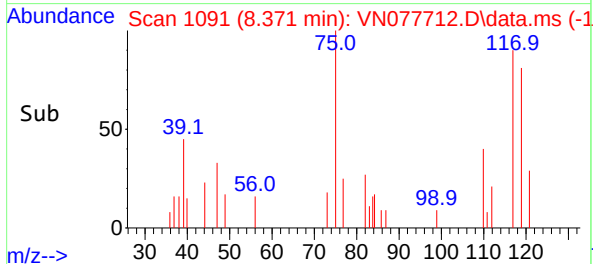
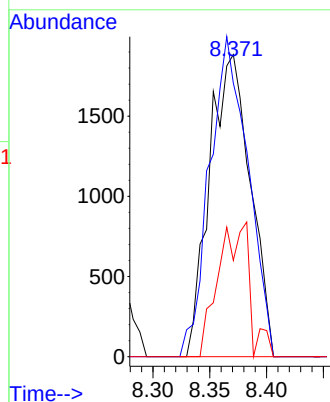
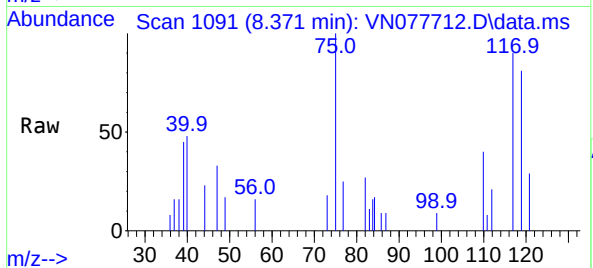




#38
Carbon Tetrachloride
Concen: 0.699 ug/l
RT: 8.371 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

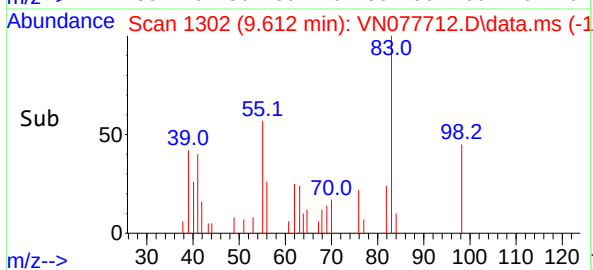
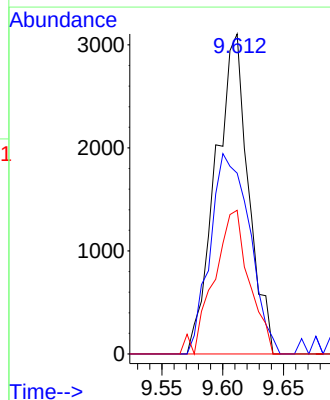
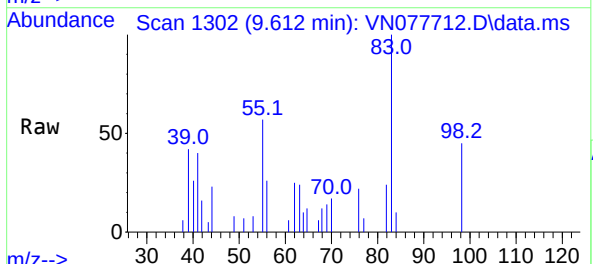
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

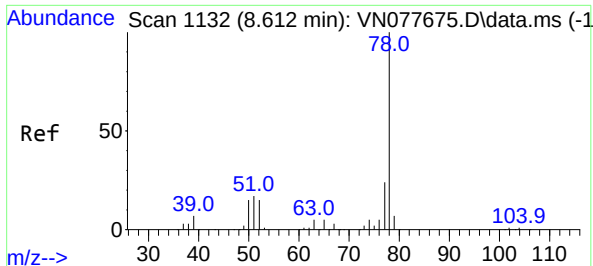
Tgt Ion:117 Resp: 4720
Ion Ratio Lower Upper
117 100
119 90.6 77.3 115.9
121 31.9 23.3 34.9



#39
Methylcyclohexane
Concen: 0.712 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 83 Resp: 5830
Ion Ratio Lower Upper
83 100
55 56.5 49.1 73.7
98 44.9 40.6 61.0

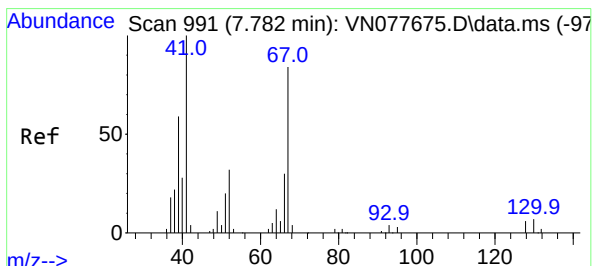
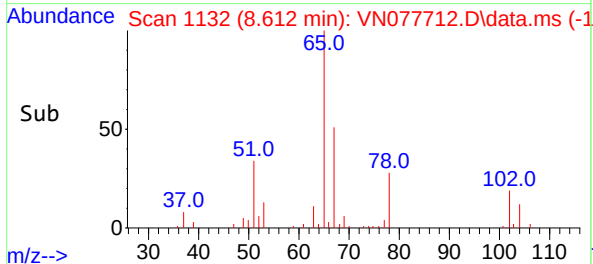
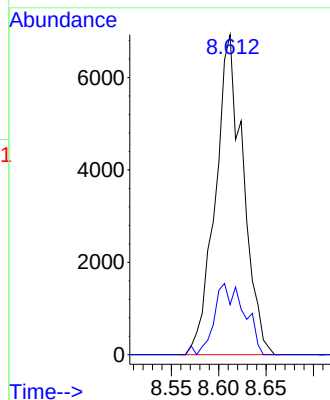
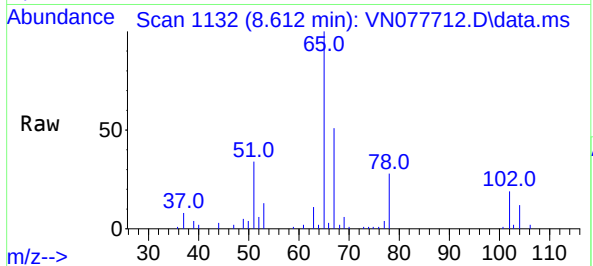




#40
Benzene
Concen: 0.715 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

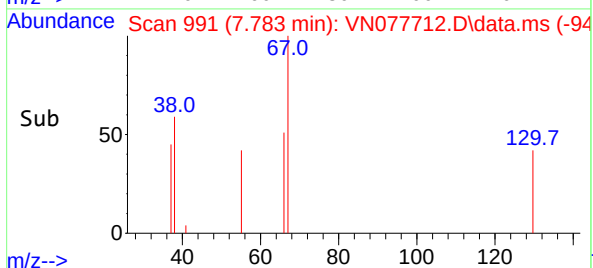
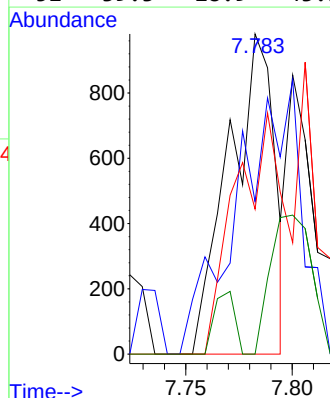
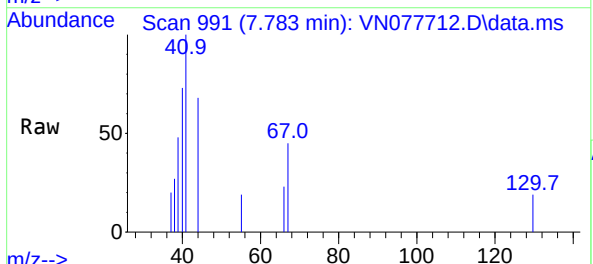
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

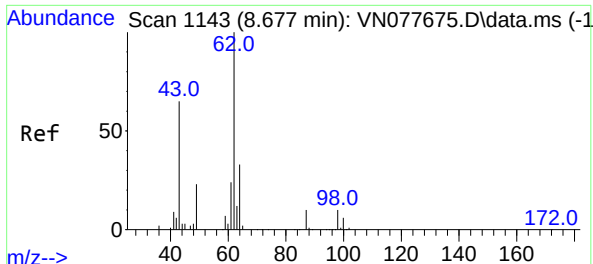
Tgt Ion: 78 Resp: 14094
Ion Ratio Lower Upper
78 100
77 15.6 19.0 28.6#



#41
Methacrylonitrile
Concen: 0.462 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 41 Resp: 1467
Ion Ratio Lower Upper
41 100
39 117.4 42.6 64.0#
67 80.0 77.5 116.3
52 39.3 28.9 43.3





#42

1,2-Dichloroethane

Concen: 0.849 ug/l

RT: 8.682 min Scan# 1143

Delta R.T. 0.005 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

Instrument :

MSVOA_N

ClientSampleId :

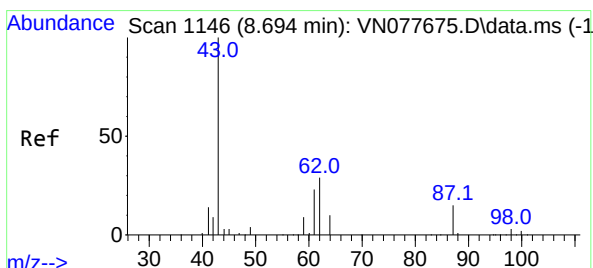
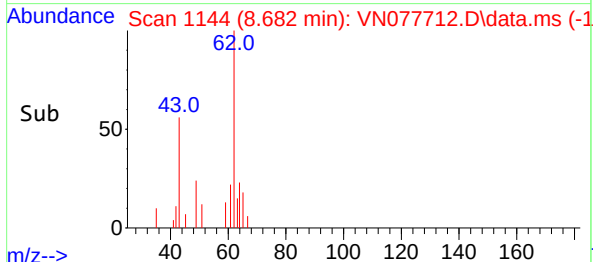
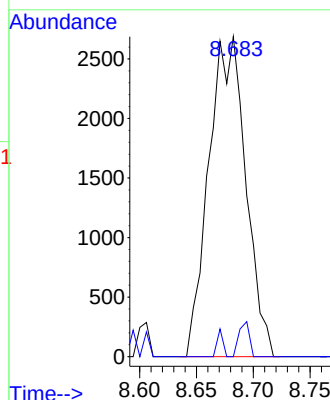
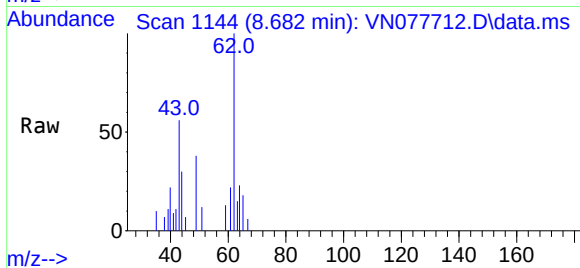
MDL-WATER-03-QT2-2023

Tgt Ion: 62 Resp: 6081

Ion Ratio Lower Upper

62 100

98 3.1 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.696 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

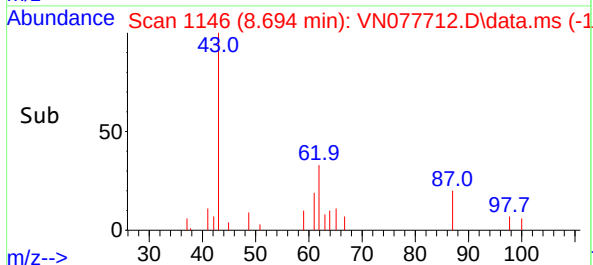
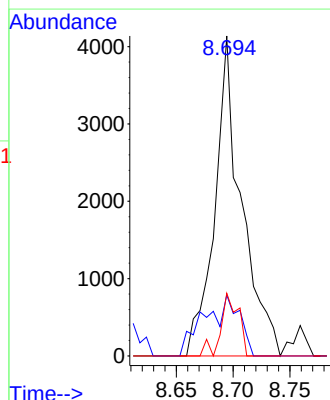
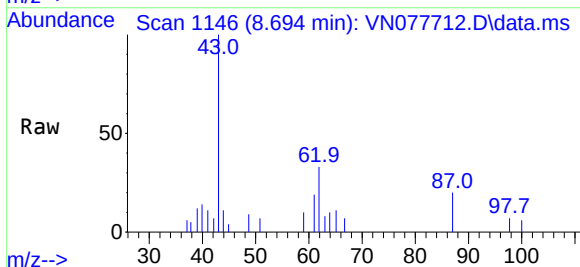
Tgt Ion: 43 Resp: 6772

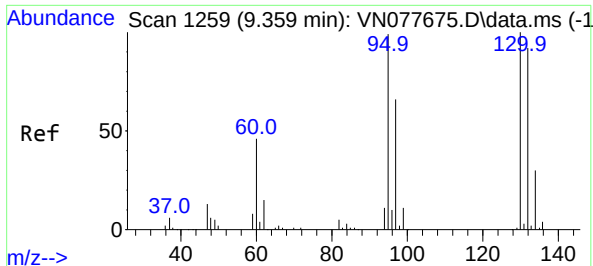
Ion Ratio Lower Upper

43 100

61 25.1 24.7 37.1

87 13.0 14.6 21.8#

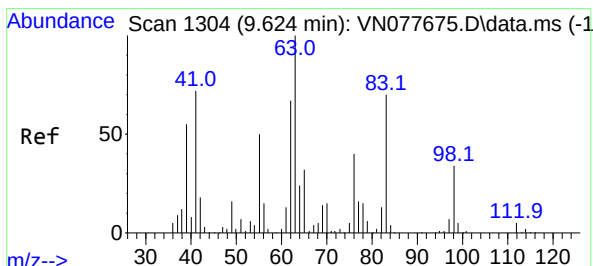
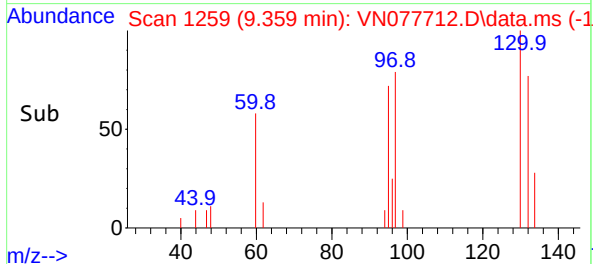
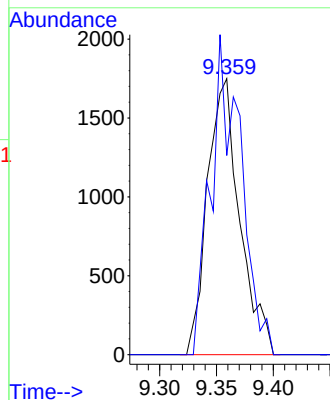
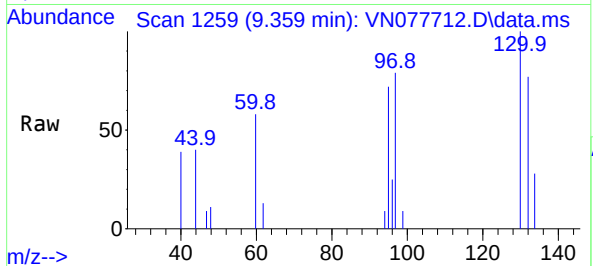




#44
Trichloroethene
Concen: 0.694 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

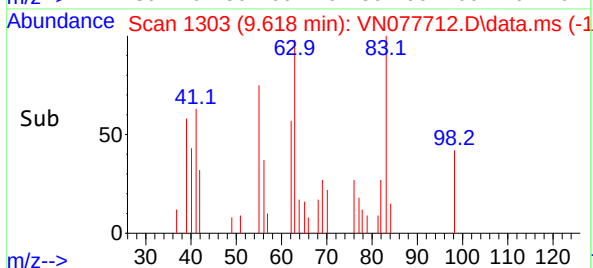
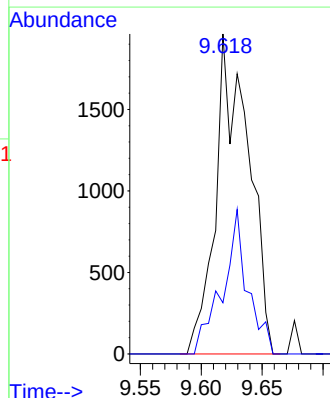
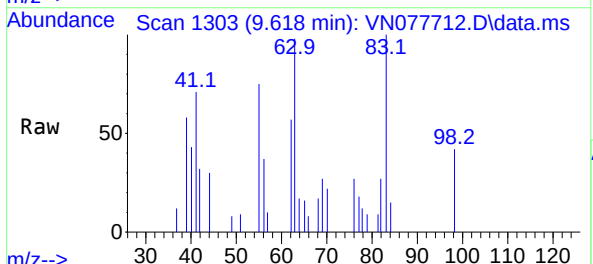
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

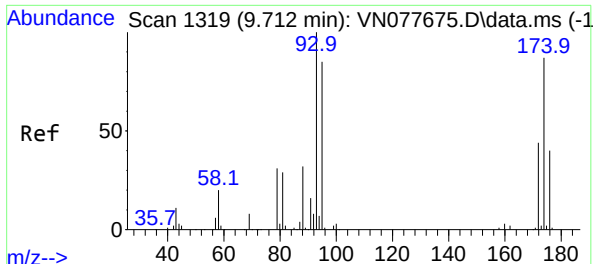
Tgt Ion:130 Resp: 3467
Ion Ratio Lower Upper
130 100
95 72.2 0.0 204.6



#45
1,2-Dichloropropane
Concen: 0.736 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 63 Resp: 3705
Ion Ratio Lower Upper
63 100
65 16.0 23.9 35.9#

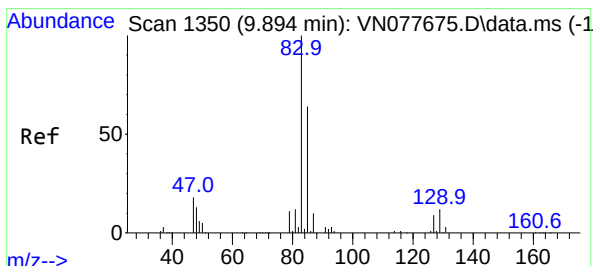
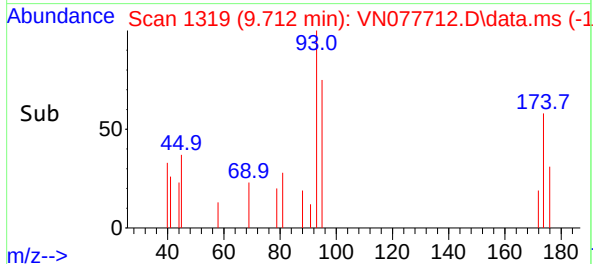
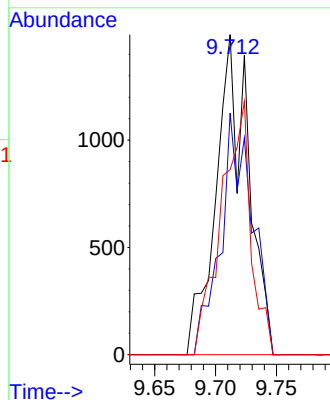
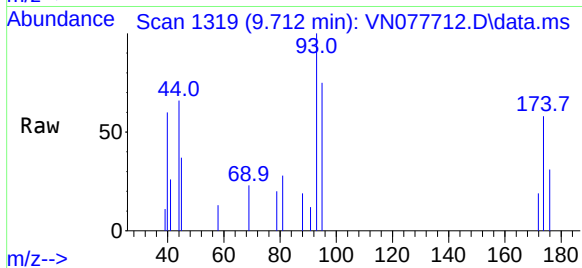




#46
Dibromomethane
Concen: 0.767 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

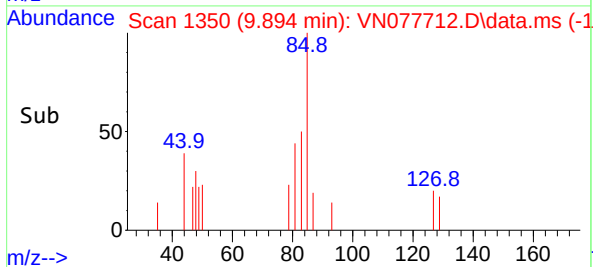
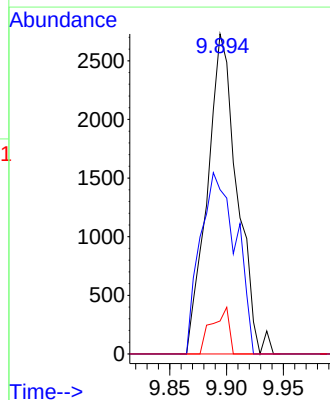
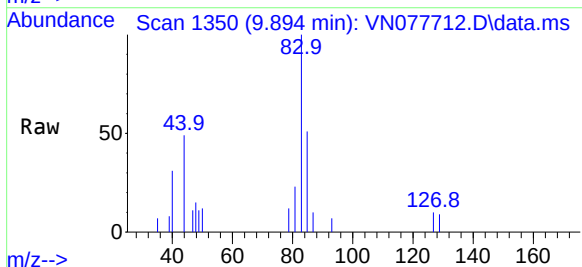
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

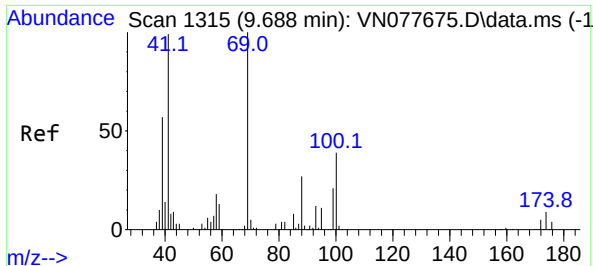
Tgt Ion: 93 Resp: 2763
Ion Ratio Lower Upper
93 100
95 73.2 63.8 95.8
174 72.0 65.6 98.4



#47
Bromodichloromethane
Concen: 0.724 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 83 Resp: 4992
Ion Ratio Lower Upper
83 100
85 51.4 49.6 74.4
127 10.3 7.0 10.6

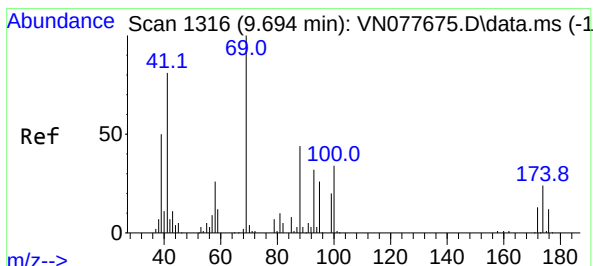
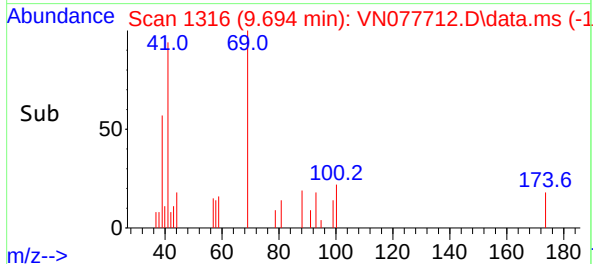
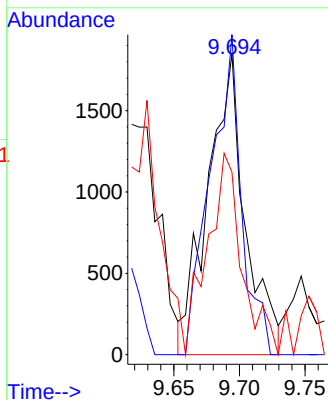
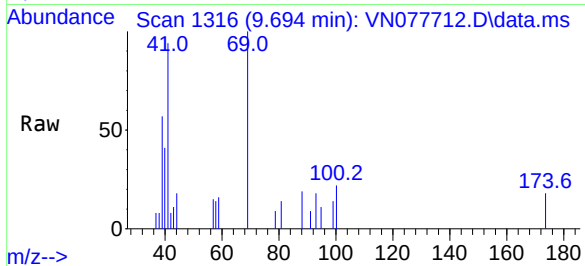




#48
Methyl methacrylate
Concen: 0.792 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

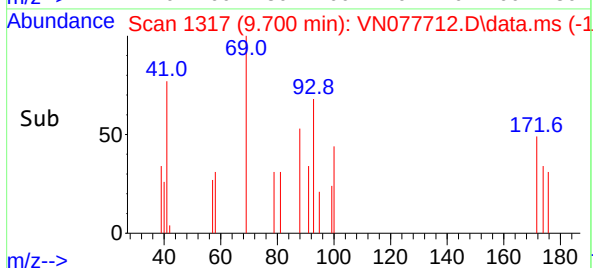
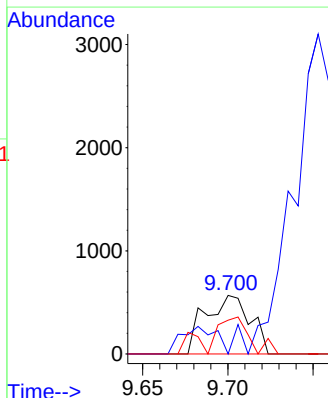
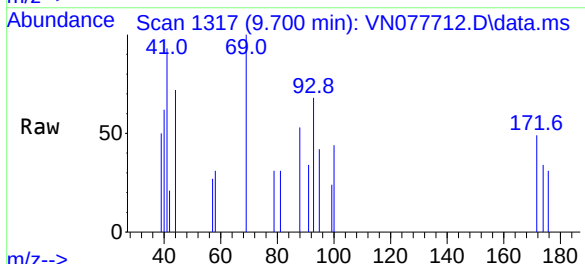
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

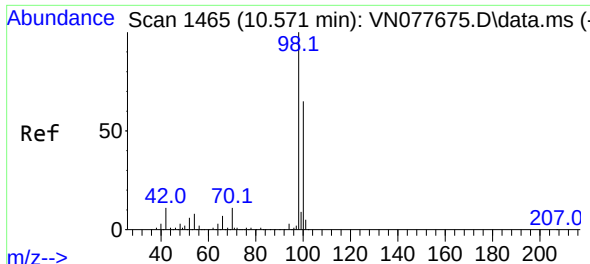
Tgt Ion: 41 Resp: 3654
Ion Ratio Lower Upper
41 100
69 88.6 90.4 135.6#
39 61.6 54.6 81.8



#49
1,4-Dioxane
Concen: 11.958 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 88 Resp: 1042
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 44.2 47.0 70.4#

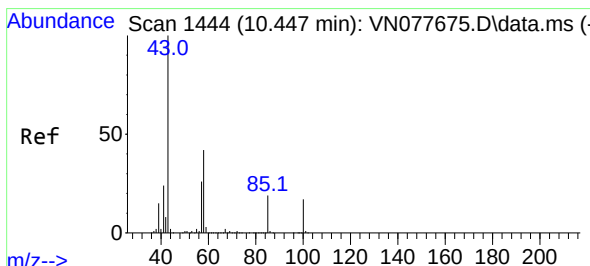
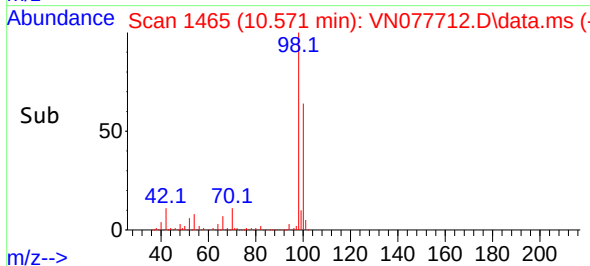
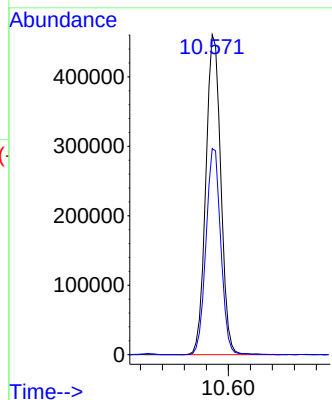
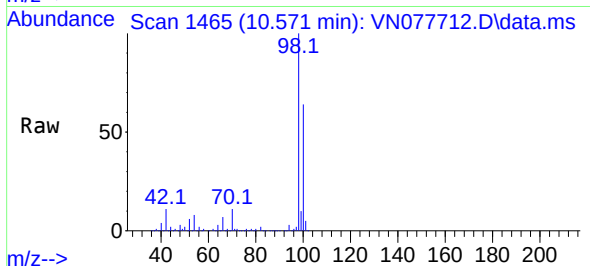




#50
Toluene-d8
Concen: 49.482 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

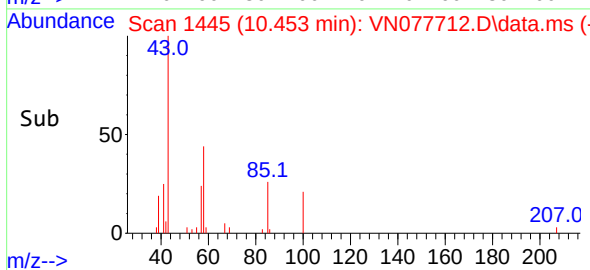
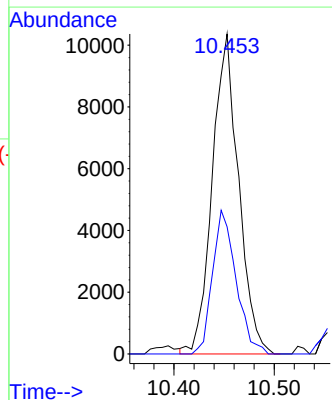
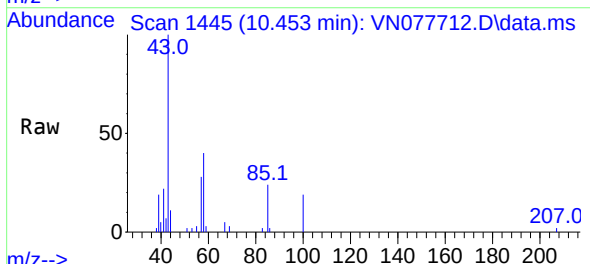
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

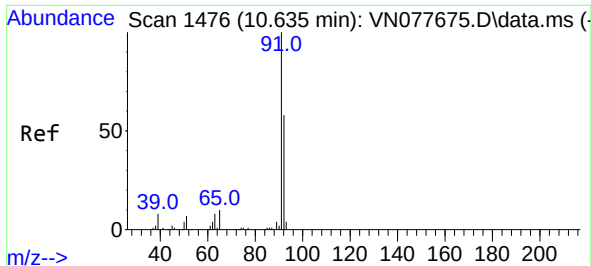
Tgt Ion: 98 Resp: 870341
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 3.267 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 43 Resp: 18894
Ion Ratio Lower Upper
43 100
58 40.2 36.6 54.8

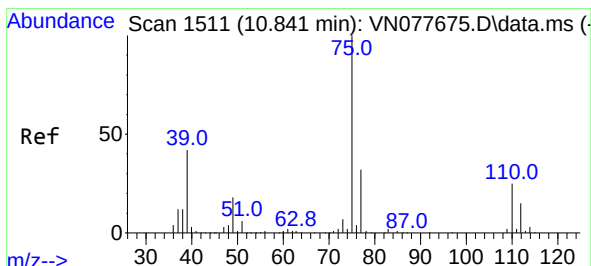
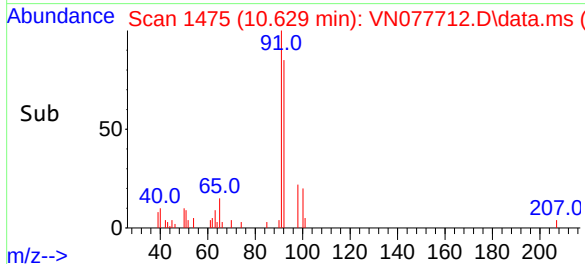
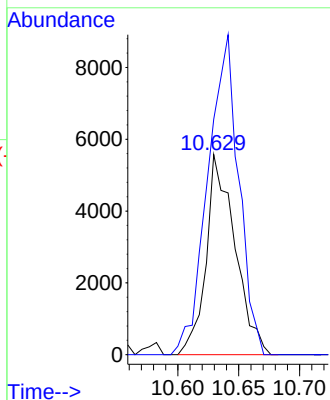
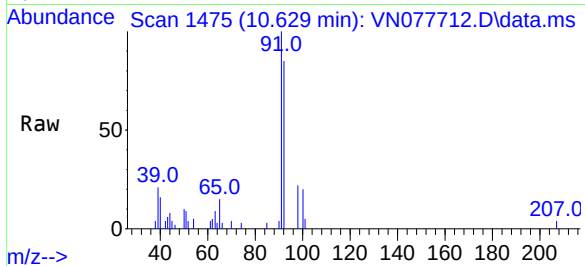




#52
Toluene
Concen: 0.749 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

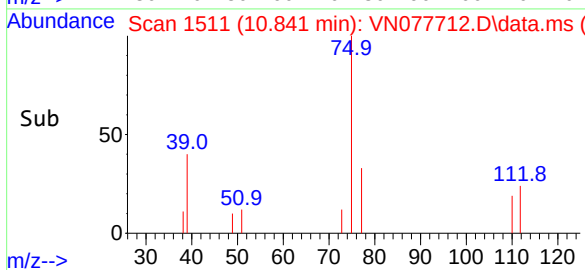
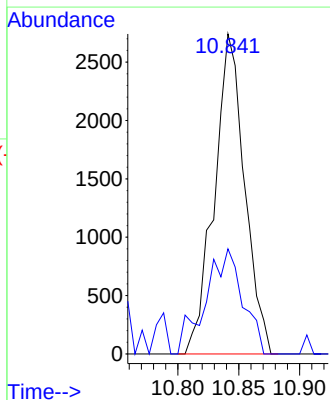
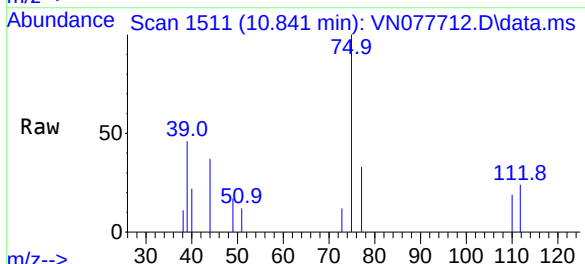
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

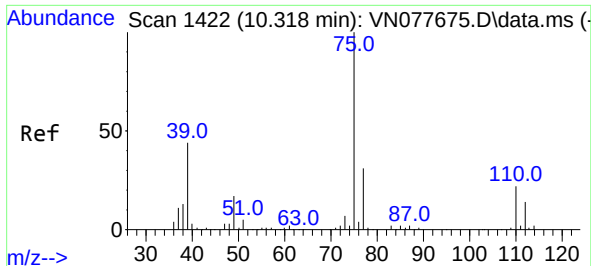
Tgt Ion: 92 Resp: 9195
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 0.652 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 75 Resp: 4758
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0

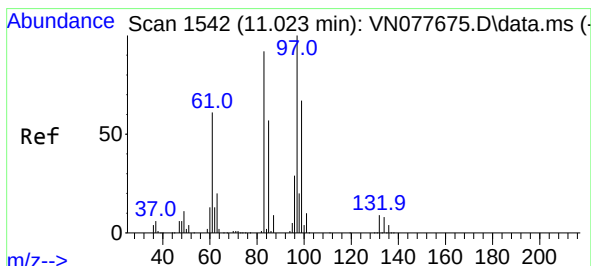
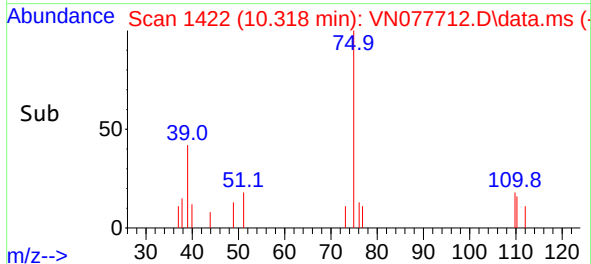
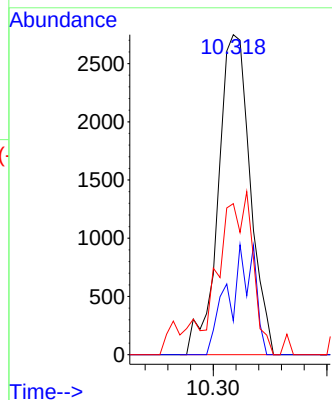
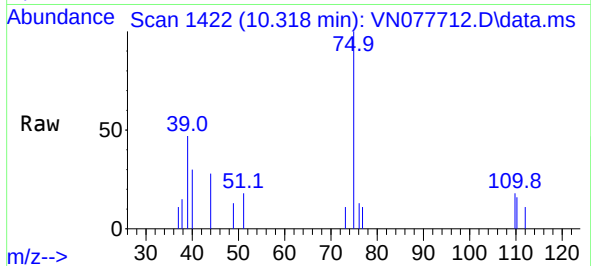




#54
 cis-1,3-Dichloropropene
 Concen: 0.670 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077712.D
 Acq: 17 May 2023 14:32

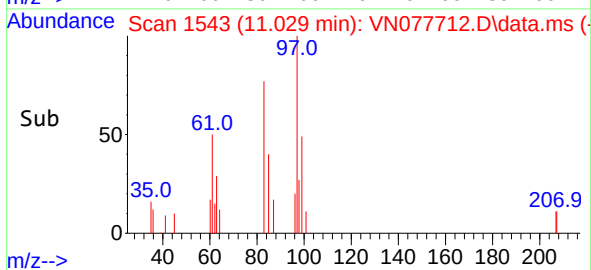
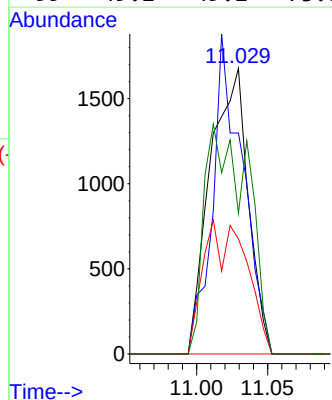
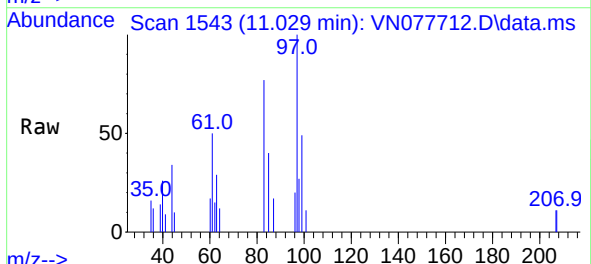
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2023

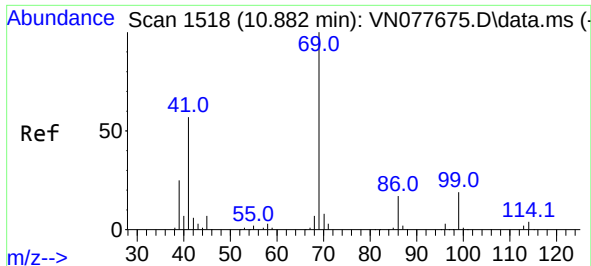
Tgt Ion:	75	Resp:	5386
Ion	Ratio	Lower	Upper
75	100		
77	10.6	26.1	39.1#
39	47.2	31.6	47.4



#55
 1,1,2-Trichloroethane
 Concen: 0.640 ug/l
 RT: 11.029 min Scan# 1543
 Delta R.T. 0.006 min
 Lab File: VN077712.D
 Acq: 17 May 2023 14:32

Tgt Ion:	97	Resp:	3119
Ion	Ratio	Lower	Upper
97	100		
83	77.4	65.1	97.7
85	40.3	43.4	65.2#
99	49.2	49.2	73.8

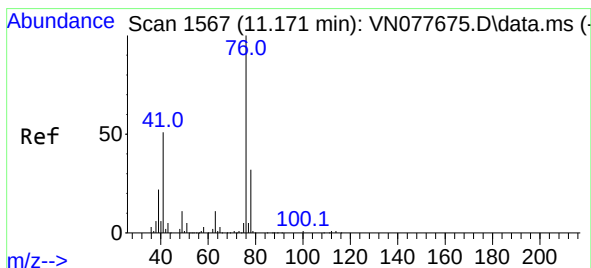
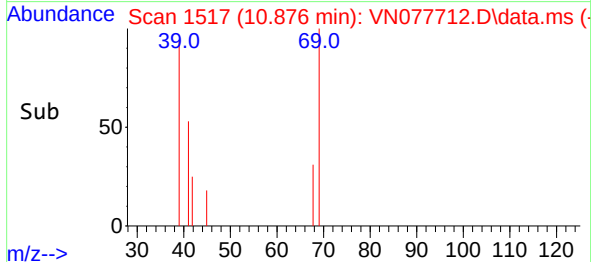
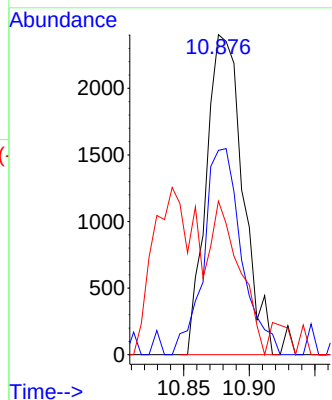
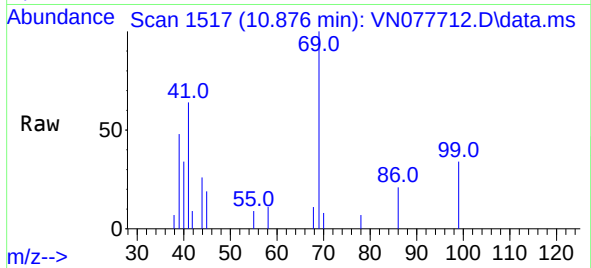




#56
Ethyl methacrylate
Concen: 0.632 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

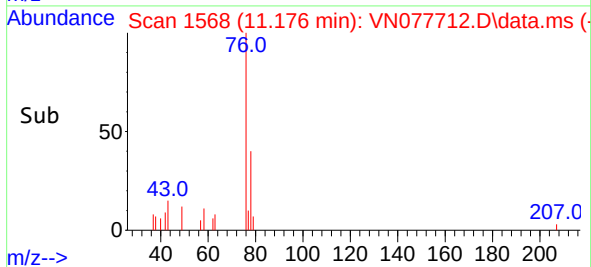
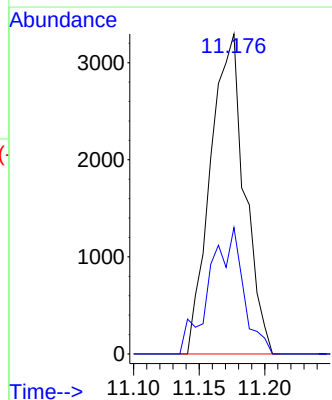
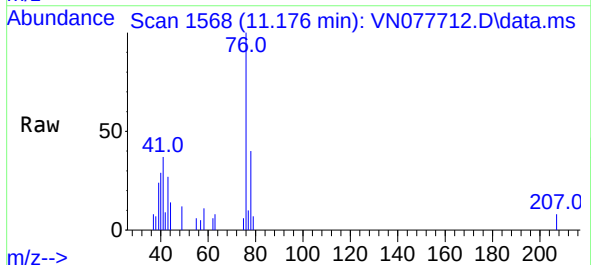
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

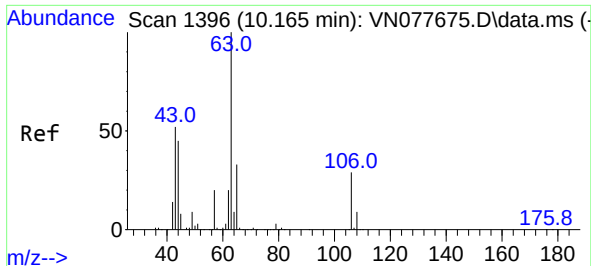
Tgt Ion: 69 Resp: 4661
Ion Ratio Lower Upper
69 100
41 66.5 39.6 59.4#
39 38.2 28.6 43.0



#57
1,3-Dichloropropane
Concen: 0.714 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.005 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 76 Resp: 5966
Ion Ratio Lower Upper
76 100
78 39.2 26.1 39.1#

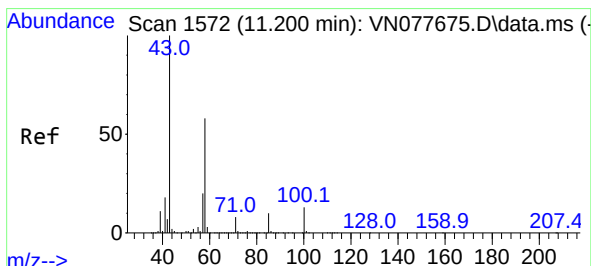
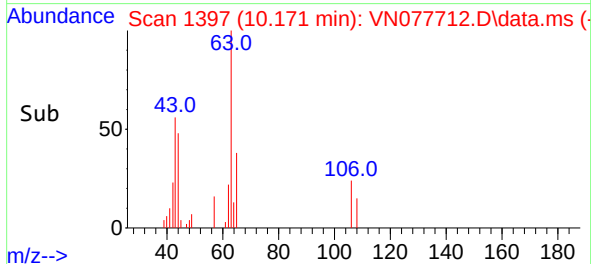
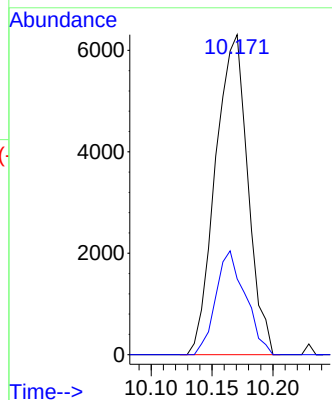
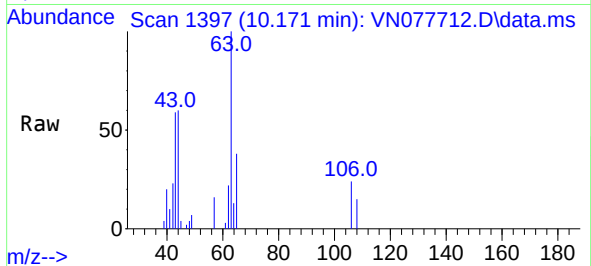




#58
2-Chloroethyl Vinyl ether
Concen: 3.218 ug/l
RT: 10.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

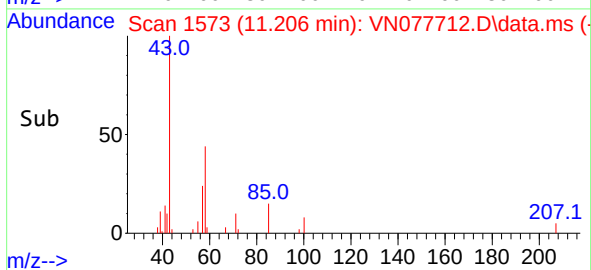
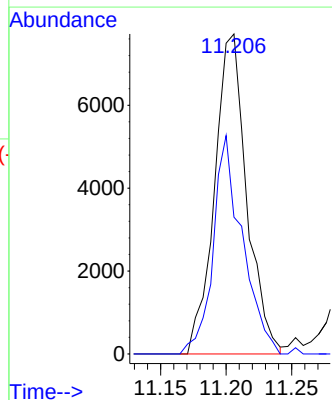
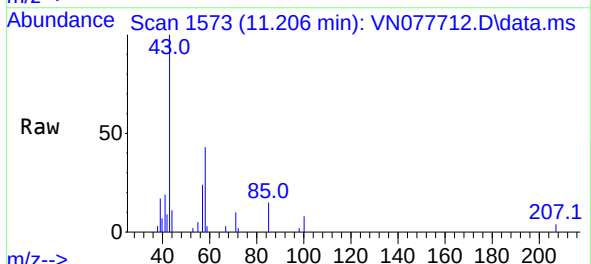
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

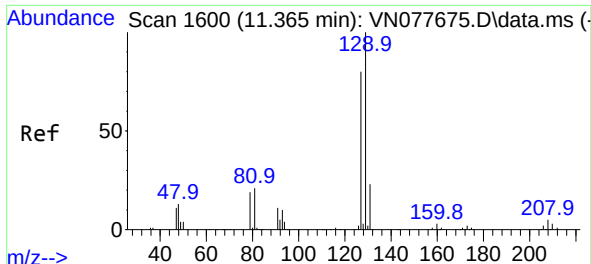
Tgt Ion: 63 Resp: 11671
Ion Ratio Lower Upper
63 100
106 29.8 26.2 39.4



#59
2-Hexanone
Concen: 3.083 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 43 Resp: 13190
Ion Ratio Lower Upper
43 100
58 61.6 31.7 95.1

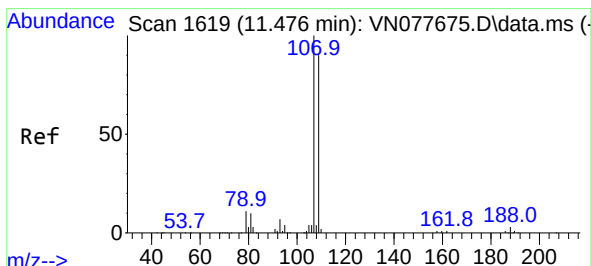
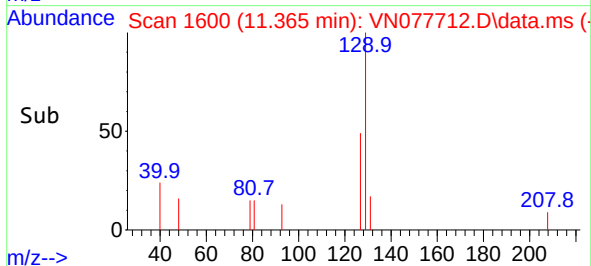
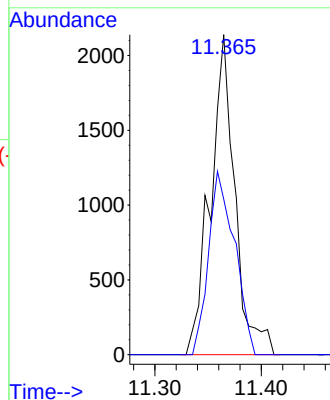
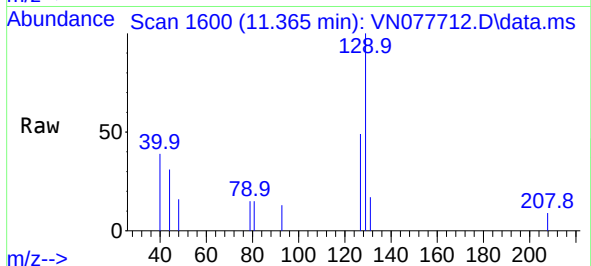




#60
Dibromochloromethane
Concen: 0.679 ug/l
RT: 11.365 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

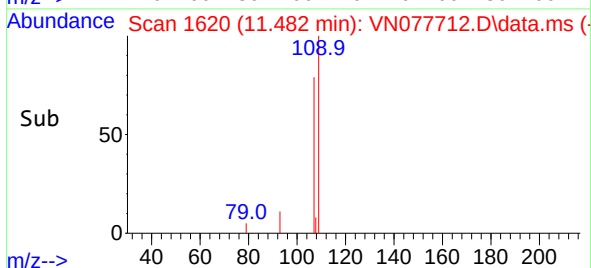
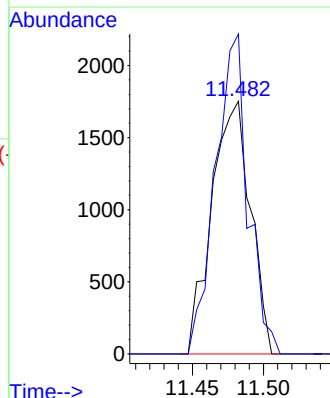
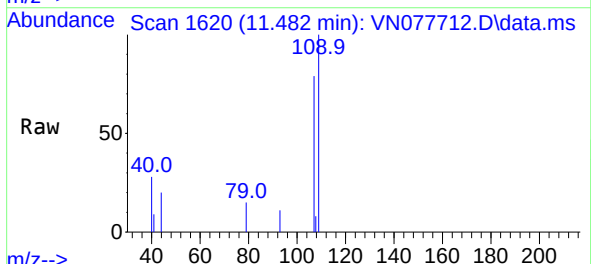
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

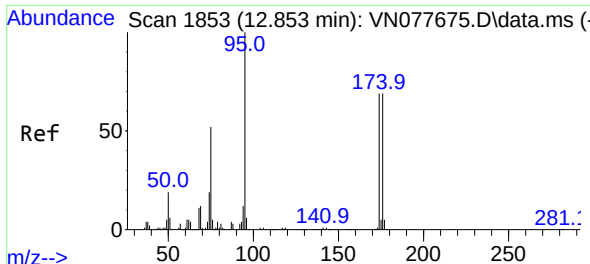
Tgt Ion:129 Resp: 3420
Ion Ratio Lower Upper
129 100
127 60.8 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.684 ug/l
RT: 11.482 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:107 Resp: 3325
Ion Ratio Lower Upper
107 100
109 106.0 76.6 114.8

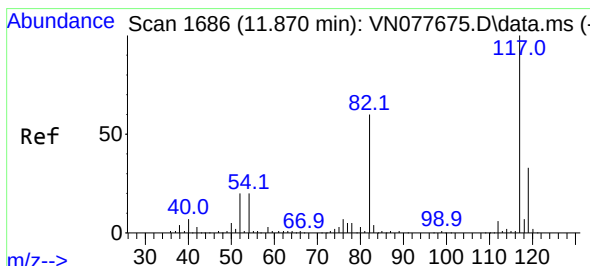
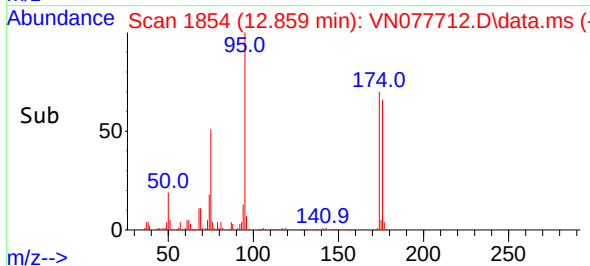
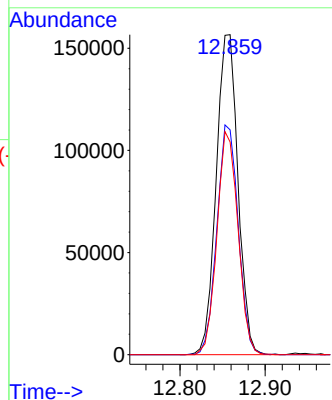
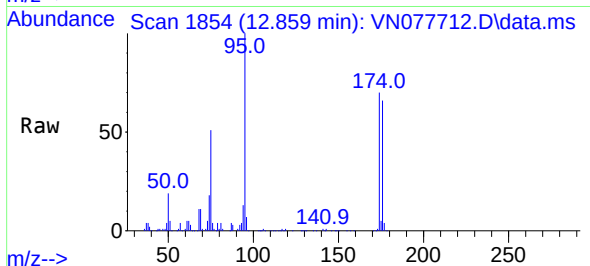




#62
4-Bromofluorobenzene
Concen: 44.697 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

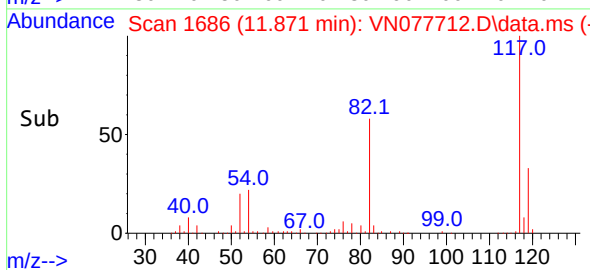
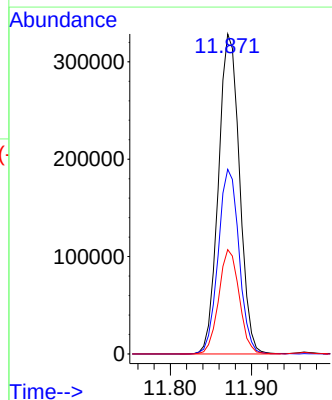
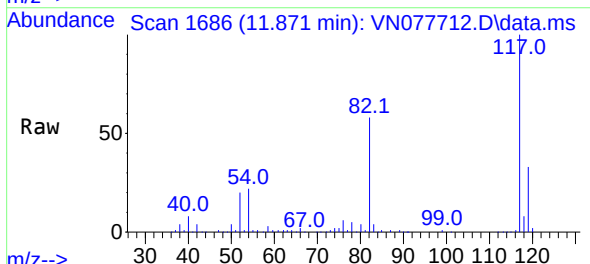
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

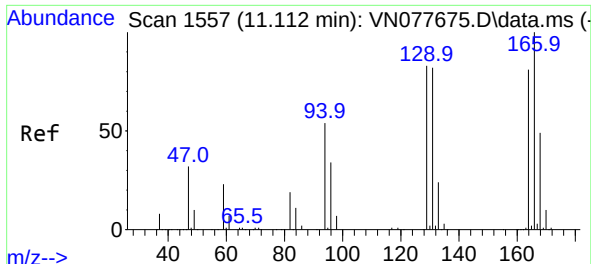
Tgt Ion: 95 Resp: 277663
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.8
176 67.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 117 Resp: 593028
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.6 25.6 38.4



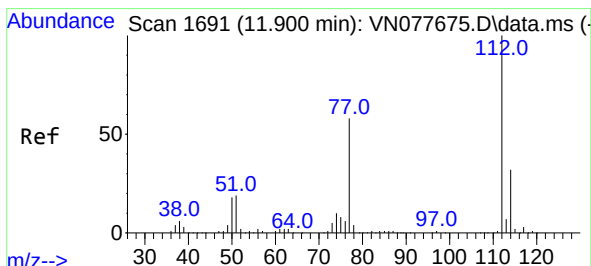
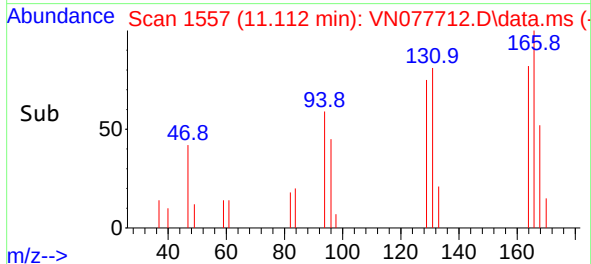
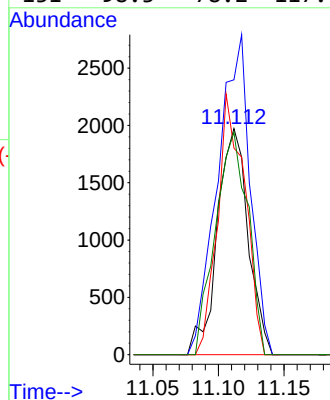
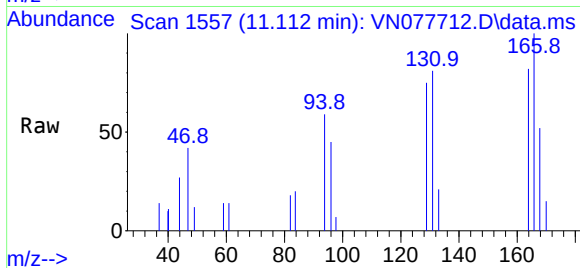


#64
Tetrachloroethene
Concen: 0.781 ug/l
RT: 11.112 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

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

Tgt Ion:164 Resp: 3237

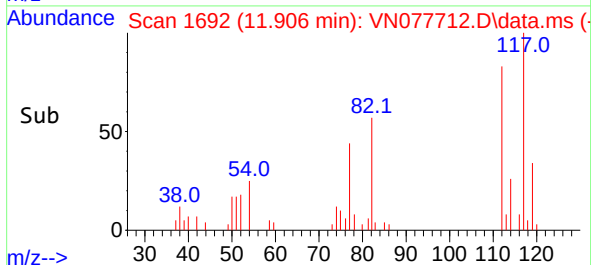
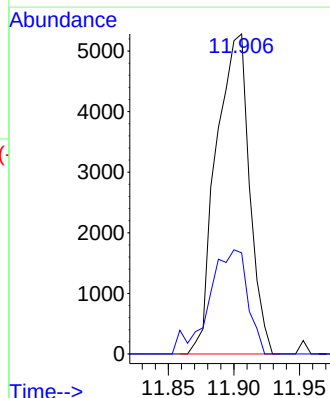
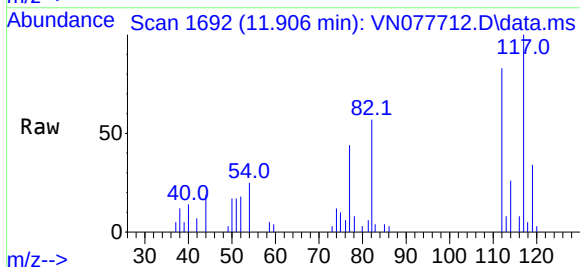
Ion	Ratio	Lower	Upper
164	100		
166	121.6	101.4	152.0
129	91.3	82.4	123.6
131	98.3	78.2	117.4

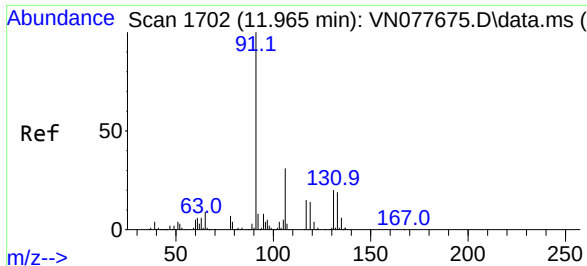


#65
Chlorobenzene
Concen: 0.724 ug/l
RT: 11.906 min Scan# 1692
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:112 Resp: 9307

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.0	37.4

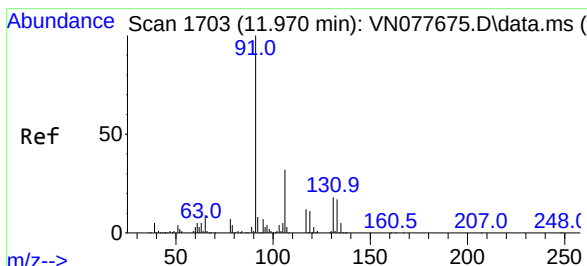
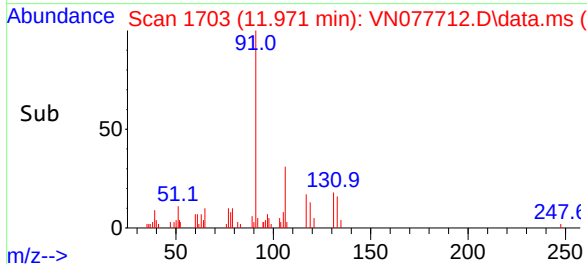
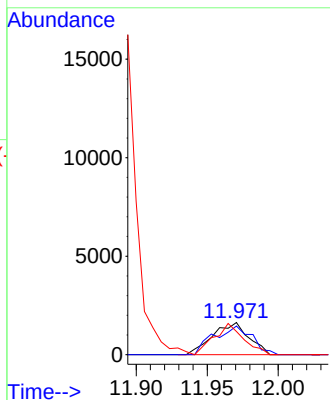
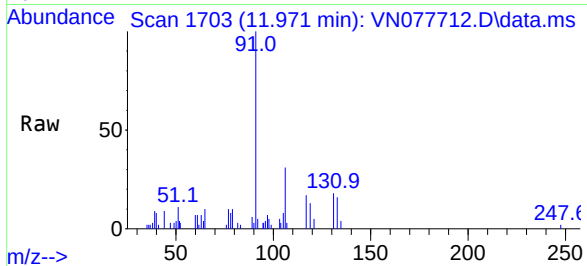




#66
1,1,1,2-Tetrachloroethane
Concen: 0.651 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

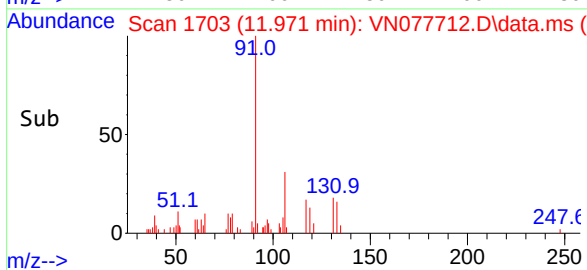
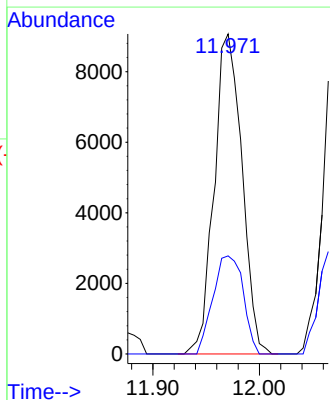
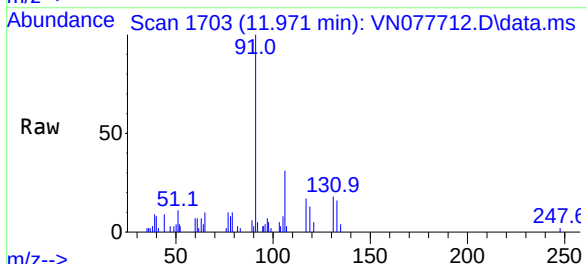
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

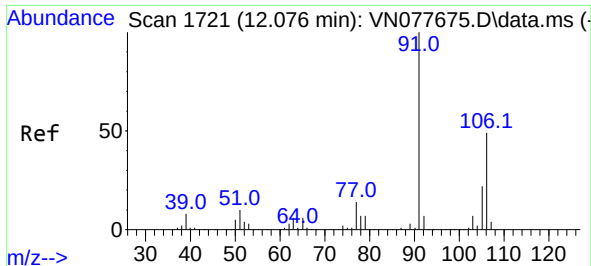
Tgt Ion:131 Resp: 2897
Ion Ratio Lower Upper
131 100
133 93.8 46.4 139.1
119 0.0 34.1 102.2#



#67
Ethyl Benzene
Concen: 0.712 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 91 Resp: 16403
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

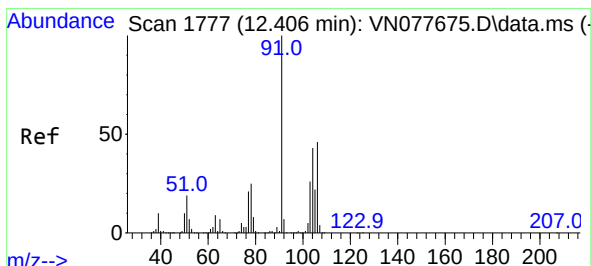
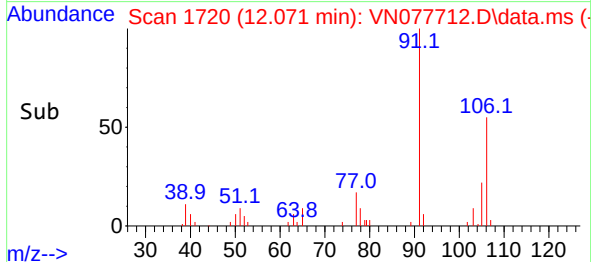
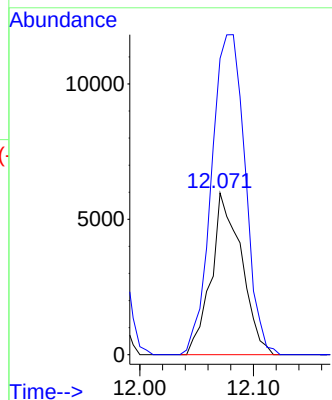
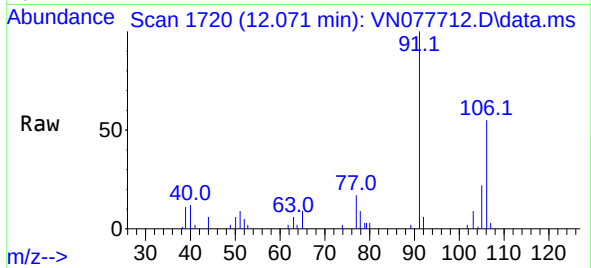




#68
m/p-Xylenes
Concen: 1.265 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.005 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

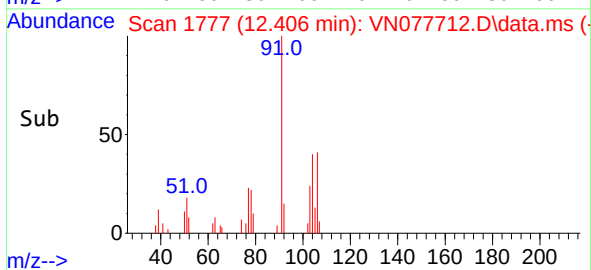
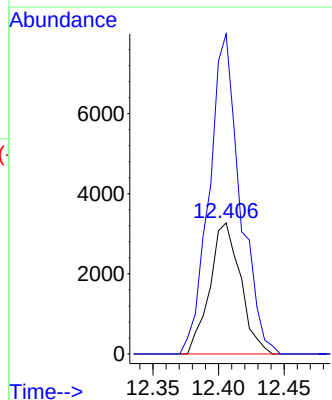
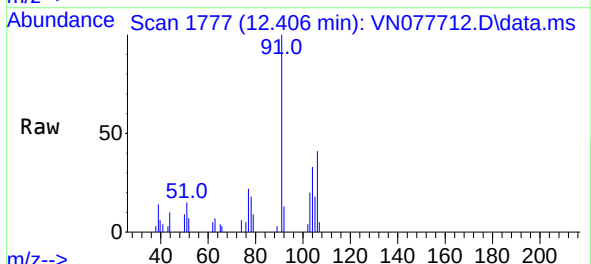
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

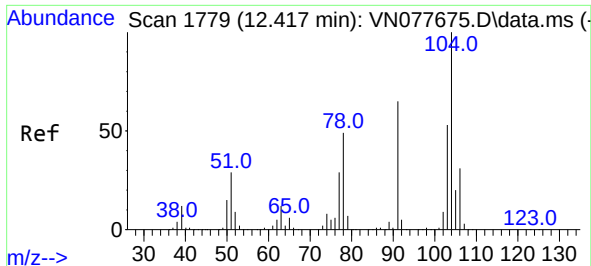
Tgt Ion:106 Resp: 11040
Ion Ratio Lower Upper
106 100
91 220.3 159.6 239.4



#69
o-Xylene
Concen: 0.620 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:106 Resp: 5320
Ion Ratio Lower Upper
106 100
91 246.4 105.2 315.5

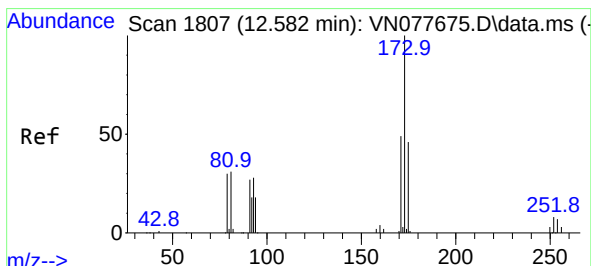
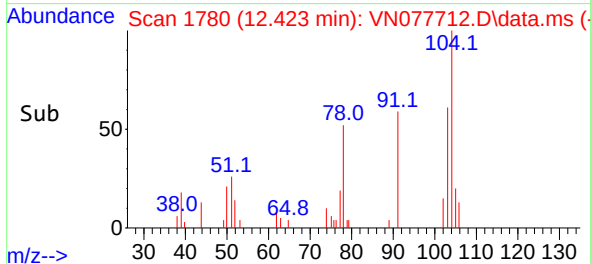
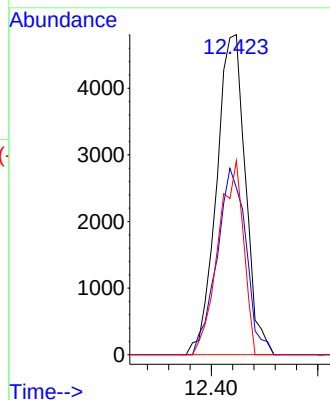
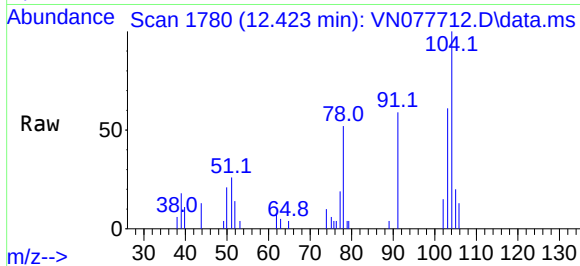




#70
Styrene
Concen: 0.662 ug/l
RT: 12.423 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

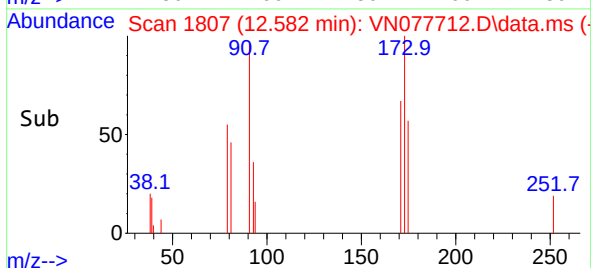
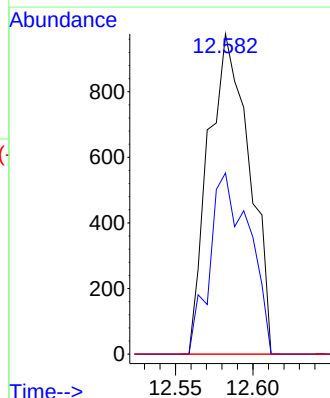
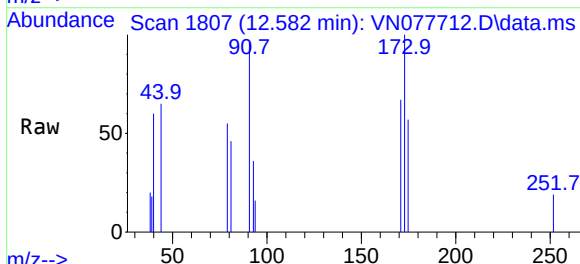
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

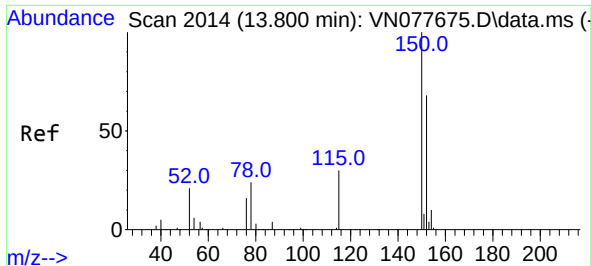
Tgt Ion:104 Resp: 9031
Ion Ratio Lower Upper
104 100
78 59.1 39.5 59.3
103 52.8 43.2 64.8



#71
Bromoform
Concen: 0.607 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:173 Resp: 1797
Ion Ratio Lower Upper
173 100
175 54.6 24.3 73.0
254 0.0 0.0 0.0

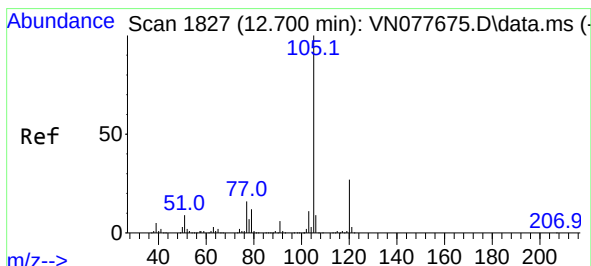
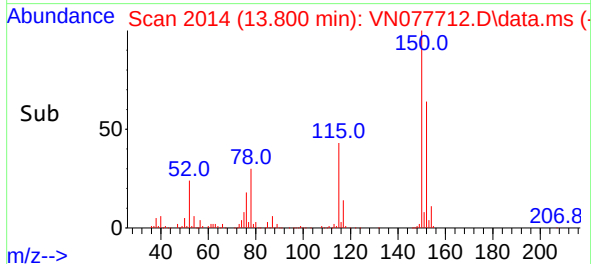
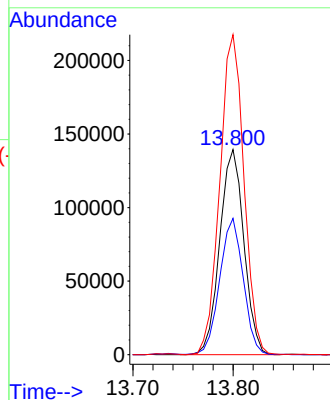
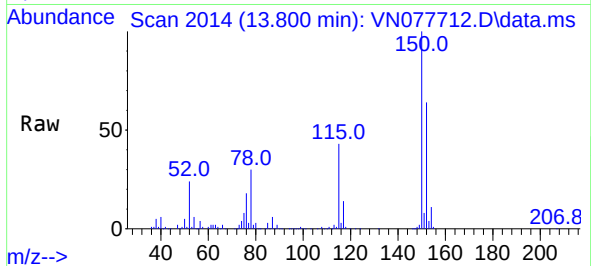




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

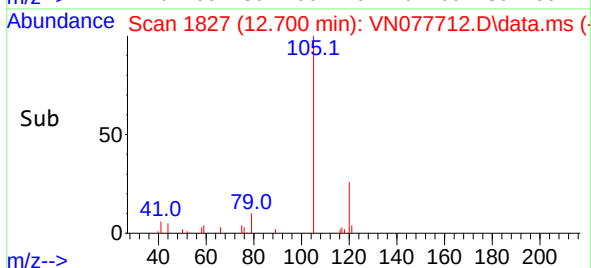
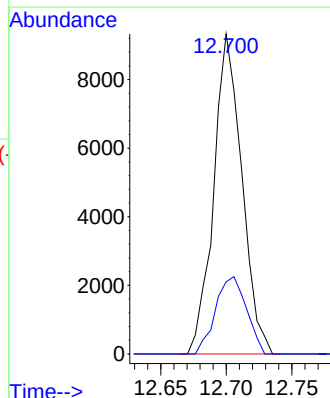
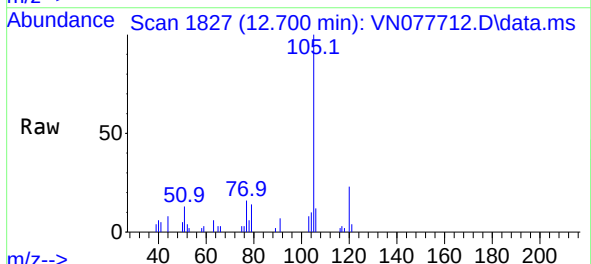
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

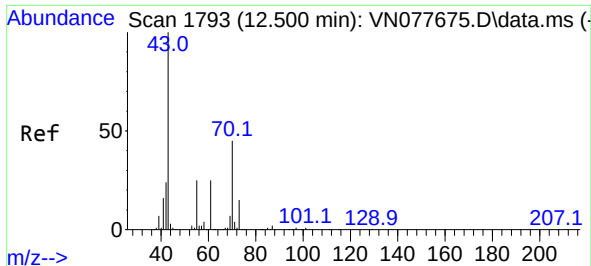
Tgt Ion:152 Resp: 232794
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 156.0 0.0 355.8



#73
Isopropylbenzene
Concen: 0.694 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:105 Resp: 13929
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

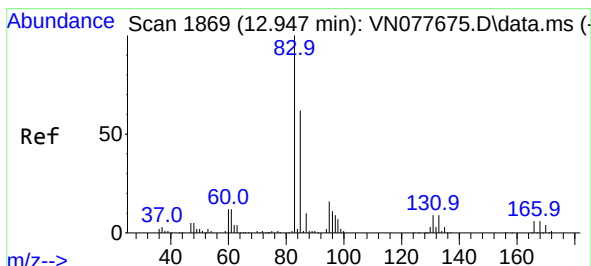
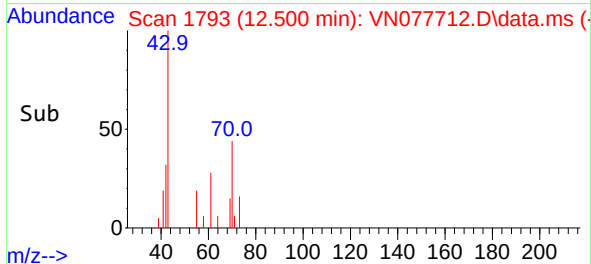
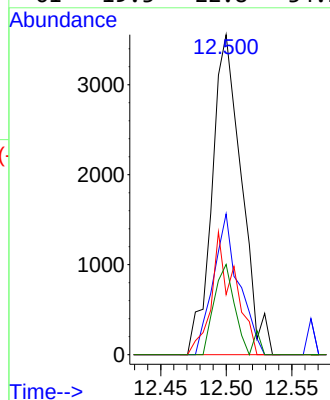
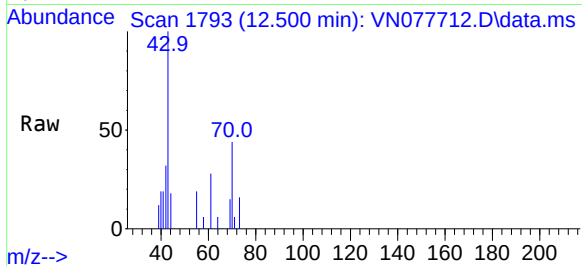




#74
N-amy1 acetate
Concen: 0.749 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

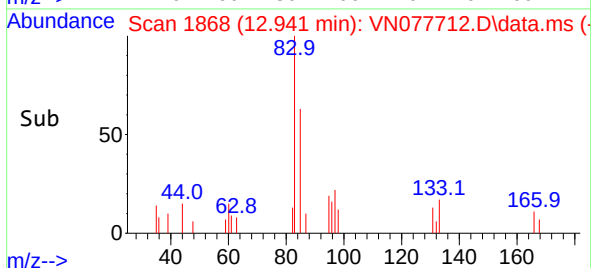
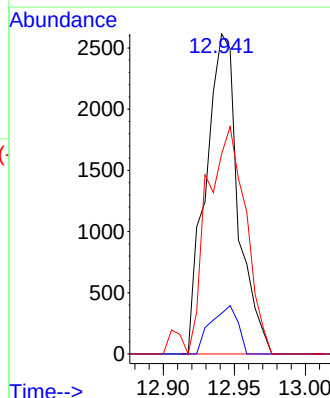
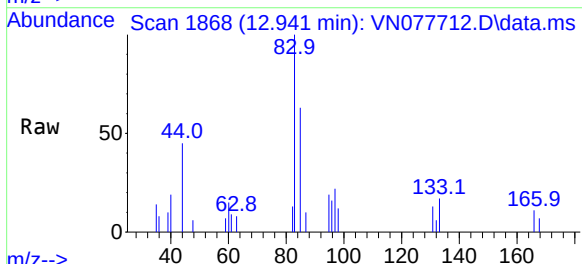
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

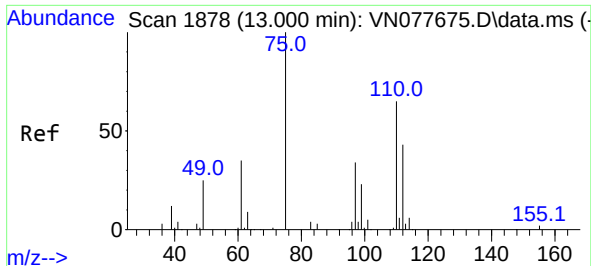
Tgt Ion:	43	Resp:	5556
Ion	Ratio	Lower	Upper
43	100		
70	38.2	43.4	65.2#
55	30.2	21.4	32.0
61	19.3	22.8	34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.672 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:	83	Resp:	4146
Ion	Ratio	Lower	Upper
83	100		
131	12.6	5.0	15.0
85	87.4	31.9	95.7

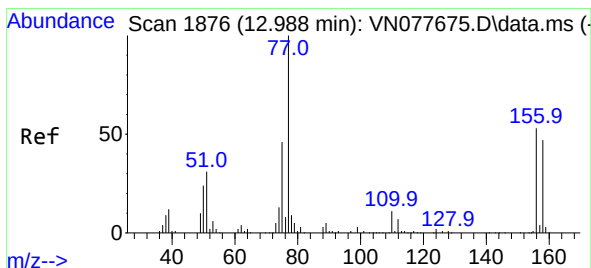
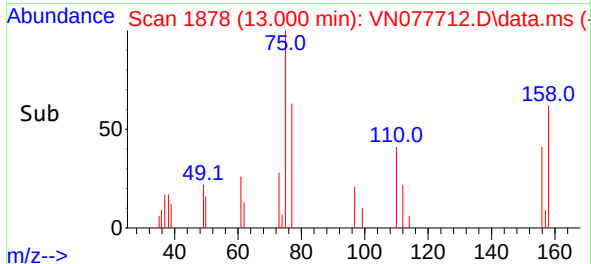
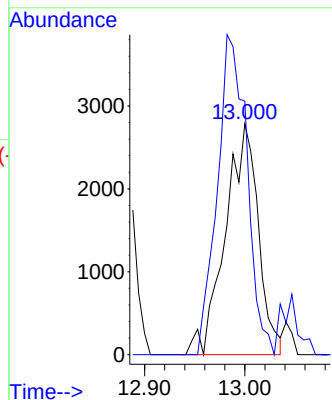
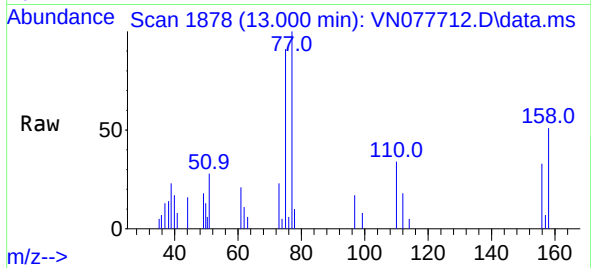




#76
1,2,3-Trichloropropane
Concen: 1.094 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

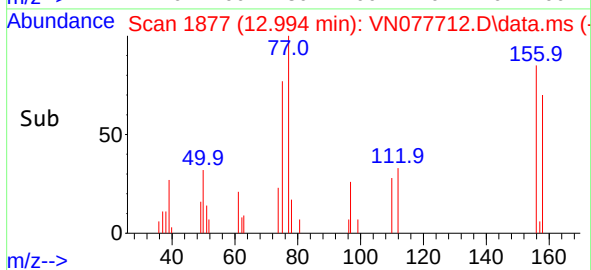
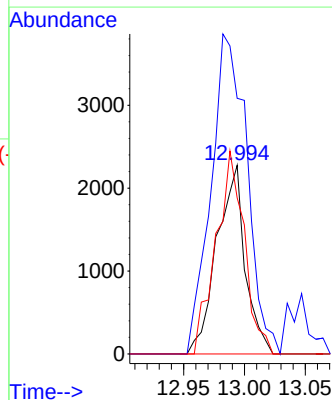
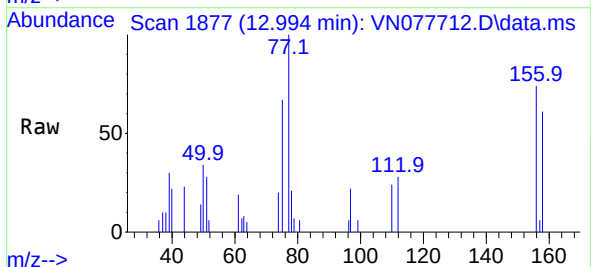
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

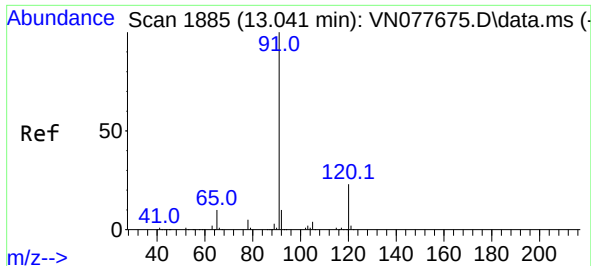
Tgt Ion: 75 Resp: 6380
Ion Ratio Lower Upper
75 100
77 124.1 84.5 253.5



#77
Bromobenzene
Concen: 0.804 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:156 Resp: 3680
Ion Ratio Lower Upper
156 100
77 215.1 107.7 323.3
158 107.7 48.4 145.3

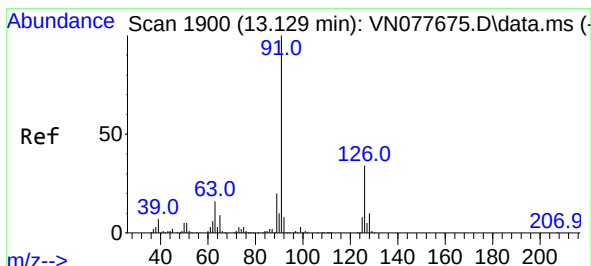
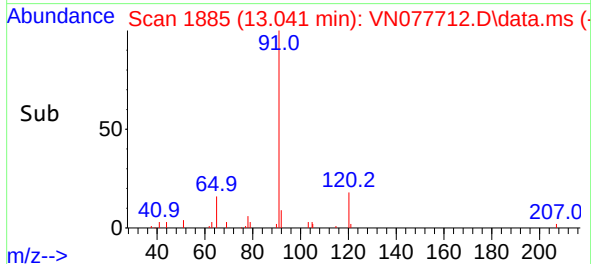
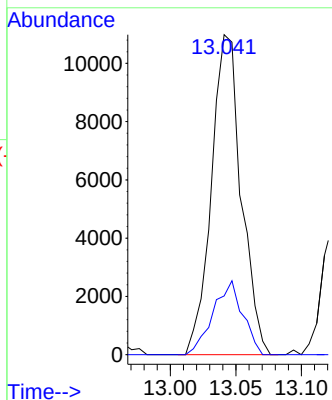
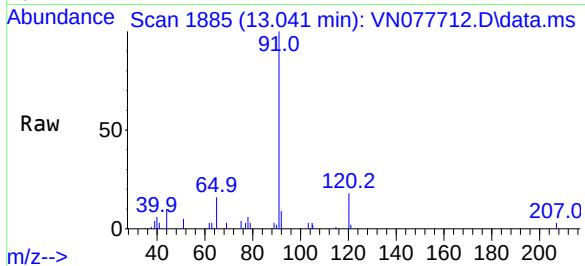




#78
n-propylbenzene
Concen: 0.735 ug/l
RT: 13.041 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

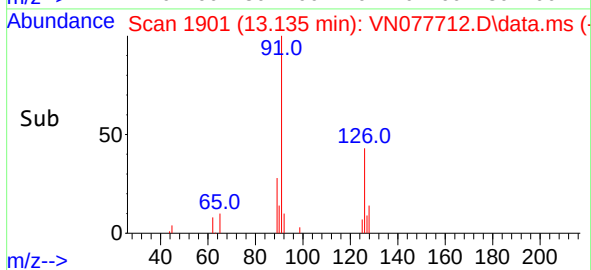
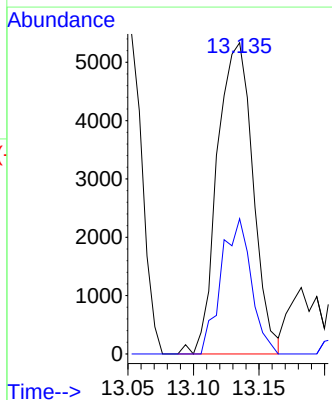
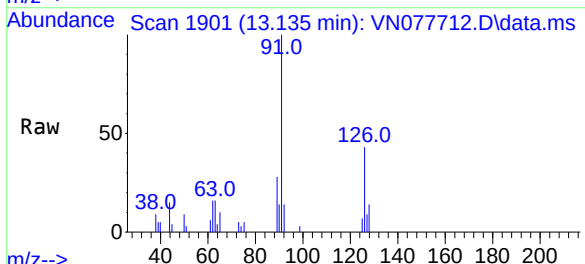
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

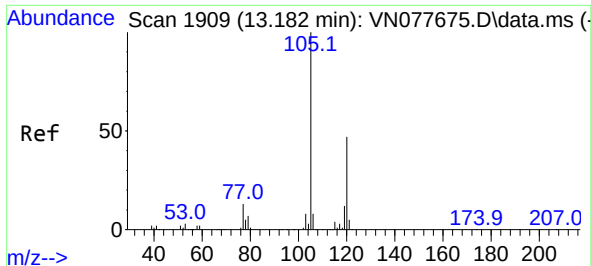
Tgt Ion: 91 Resp: 17398
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.716 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 91 Resp: 10103
Ion Ratio Lower Upper
91 100
126 36.6 16.3 48.8

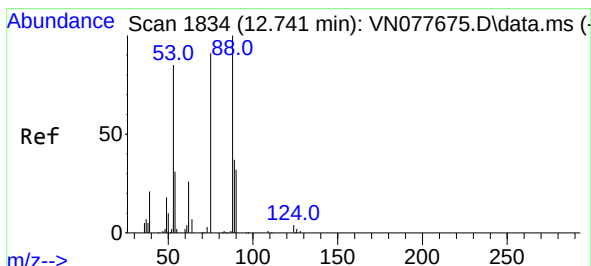
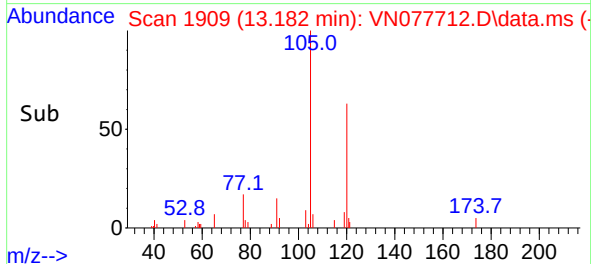
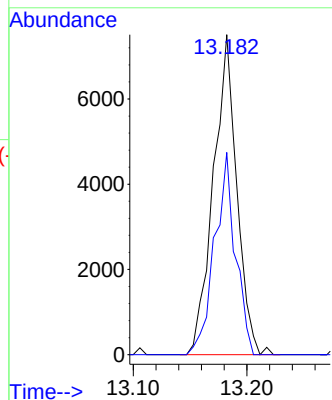
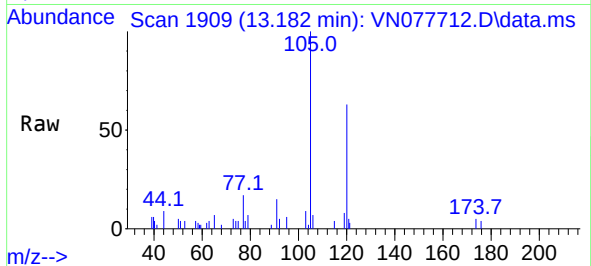




#80
1,3,5-Trimethylbenzene
Concen: 0.641 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

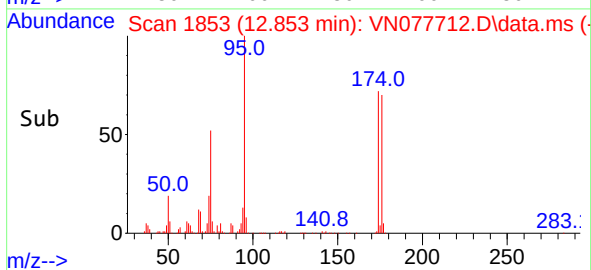
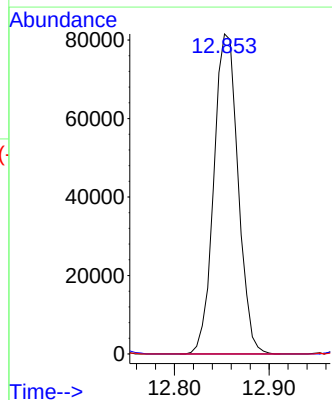
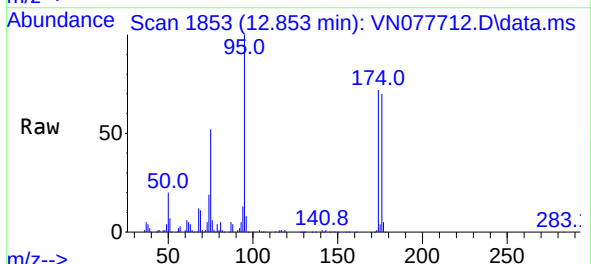
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

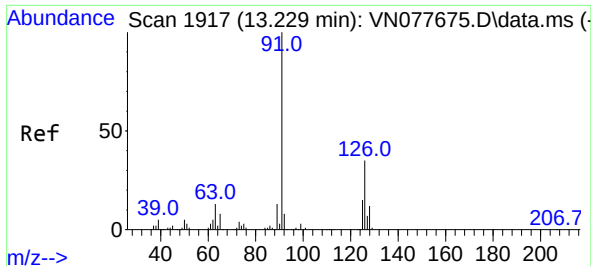
Tgt Ion:105 Resp: 10809
Ion Ratio Lower Upper
105 100
120 55.9 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 79.599 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 75 Resp: 145178
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

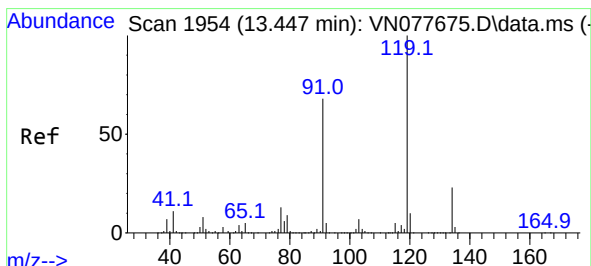
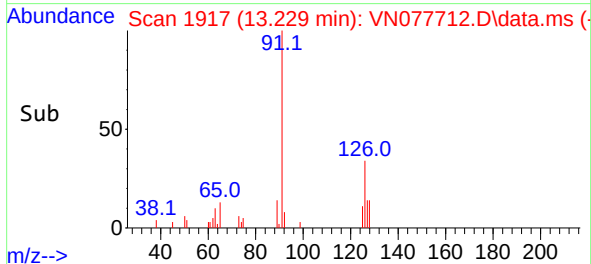
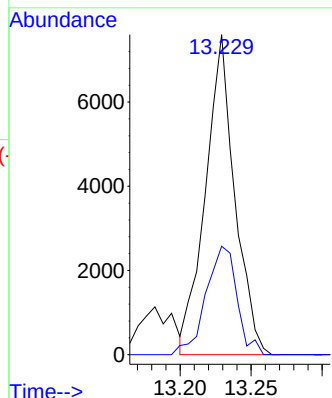
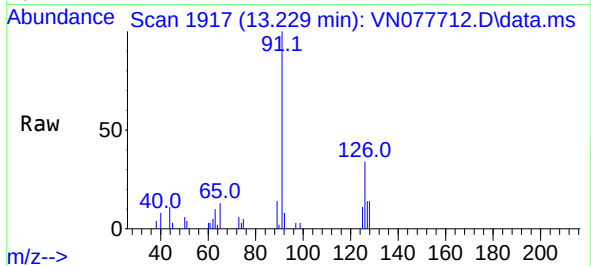




#82
4-Chlorotoluene
Concen: 0.775 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

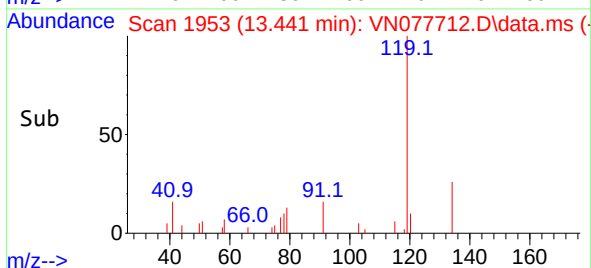
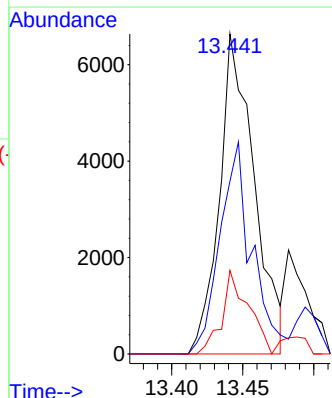
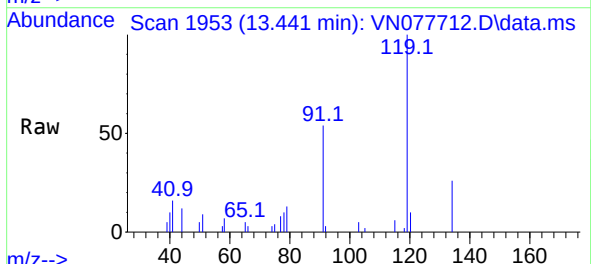
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

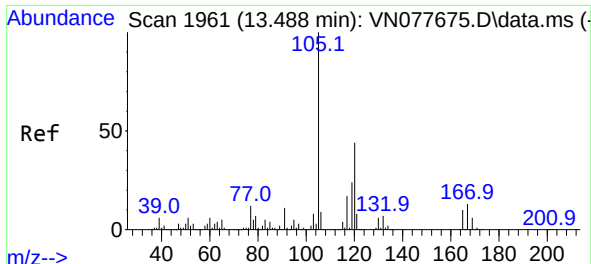
Tgt Ion: 91 Resp: 10880
Ion Ratio Lower Upper
91 100
126 35.8 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.769 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 119 Resp: 11321
Ion Ratio Lower Upper
119 100
91 60.8 33.9 101.7
134 19.9 13.2 39.6

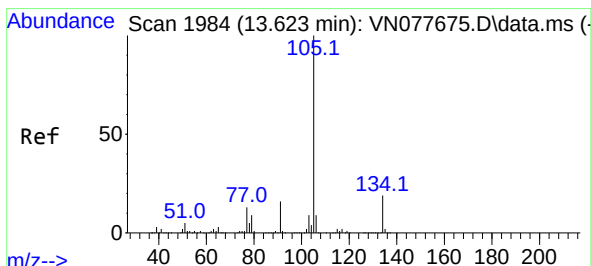
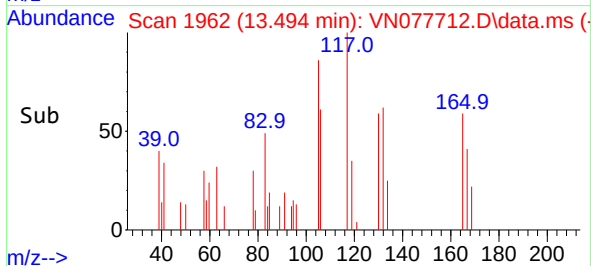
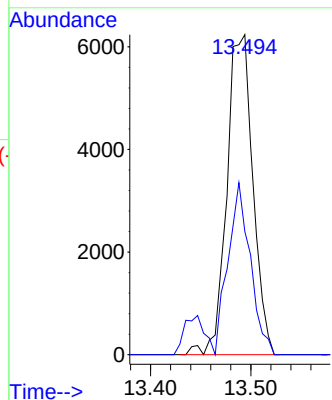
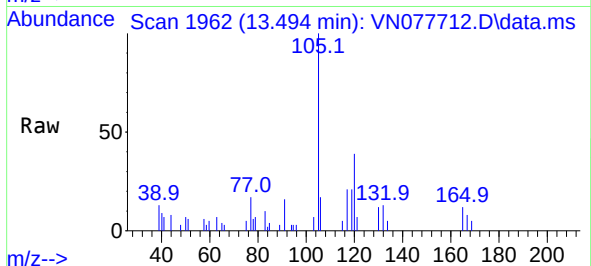




#84
1,2,4-Trimethylbenzene
Concen: 0.680 ug/l
RT: 13.494 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

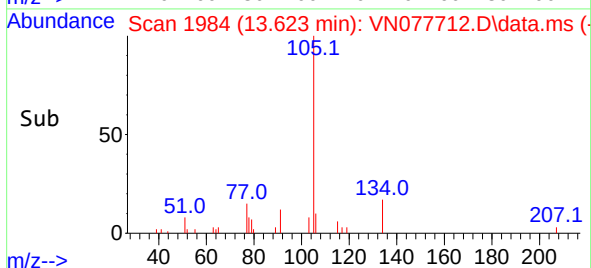
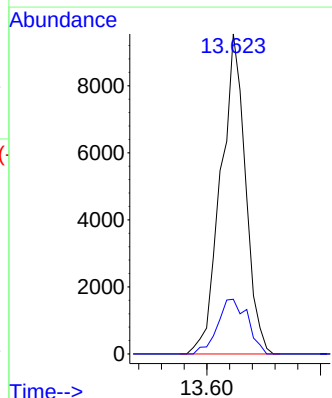
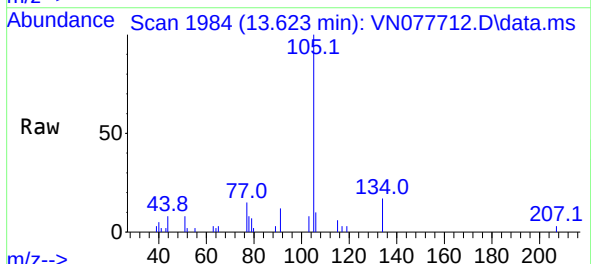
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

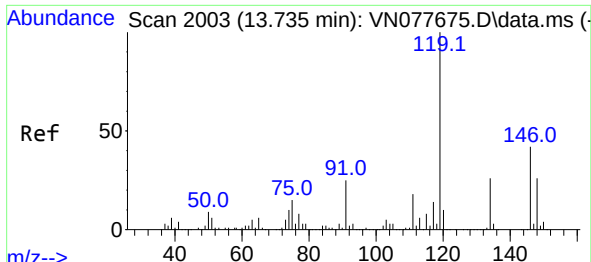
Tgt Ion:105 Resp: 11274
Ion Ratio Lower Upper
105 100
120 45.9 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.689 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:105 Resp: 14427
Ion Ratio Lower Upper
105 100
134 20.8 9.8 29.3

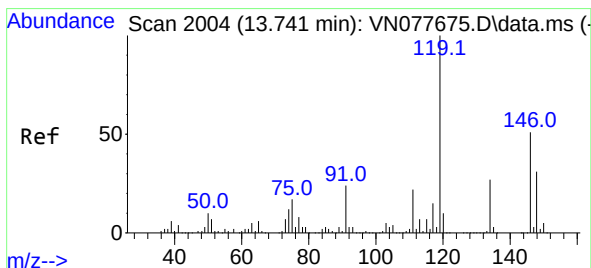
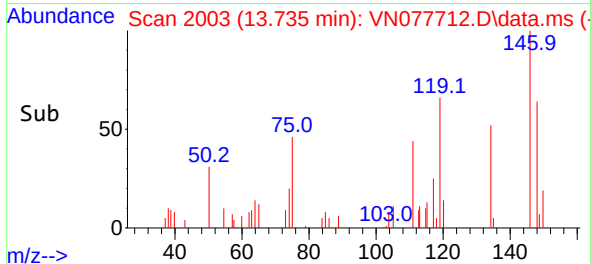
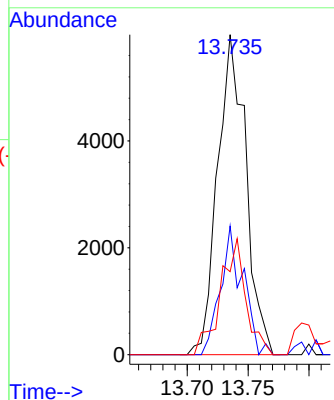
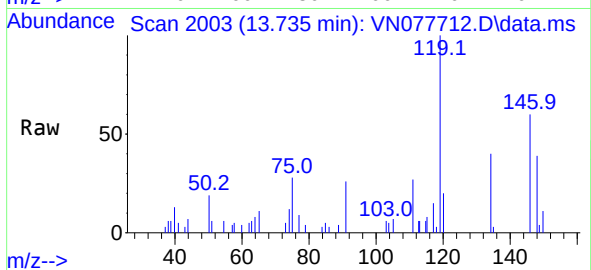




#86
p-Isopropyltoluene
Concen: 0.579 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

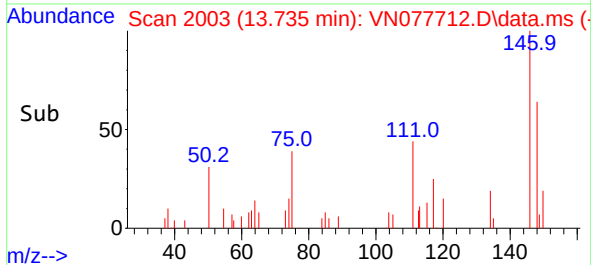
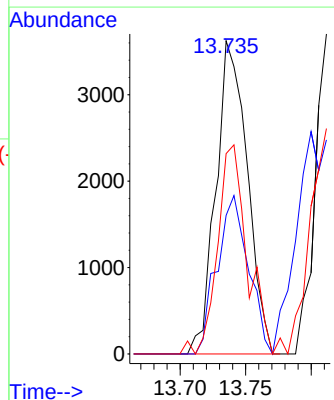
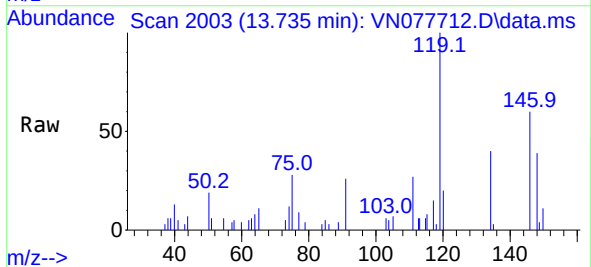
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

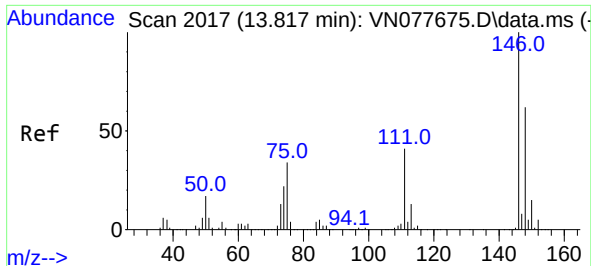
Tgt Ion:	119	Resp:	9664
Ion	Ratio	Lower	Upper
119	100		
134	32.2	12.6	37.8
91	32.6	12.4	37.2



#87
1,3-Dichlorobenzene
Concen: 0.711 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:	146	Resp:	6023
Ion	Ratio	Lower	Upper
146	100		
111	51.0	22.1	66.3
148	62.6	32.0	96.0





#88

1,4-Dichlorobenzene

Concen: 0.717 ug/l

RT: 13.735 min Scan# 2017

Delta R.T. -0.082 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

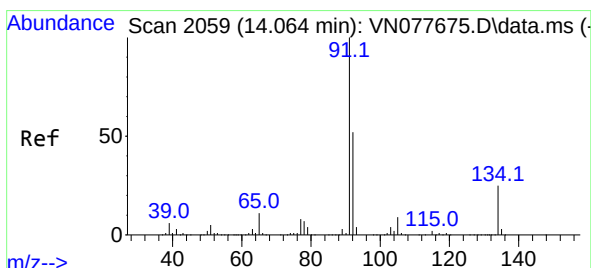
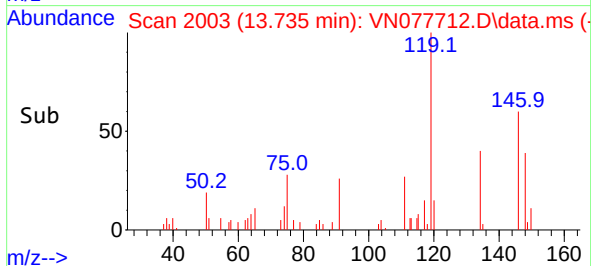
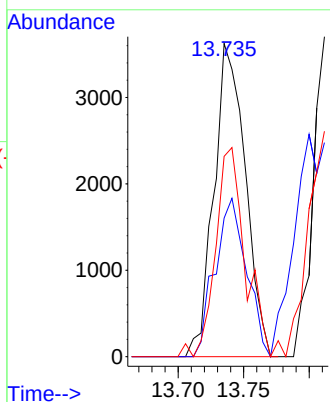
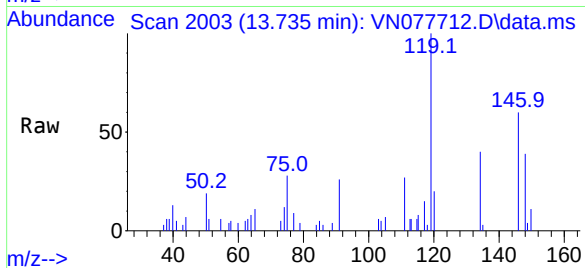
Tgt Ion:146 Resp: 6023

Ion Ratio Lower Upper

146 100

111 51.0 20.6 61.8

148 62.6 31.6 94.8



#89

n-Butylbenzene

Concen: 0.668 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077712.D

Acq: 17 May 2023 14:32

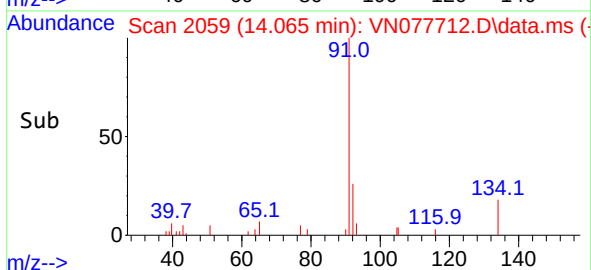
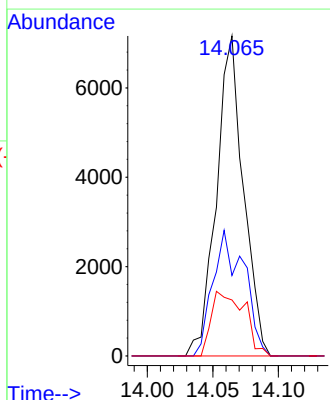
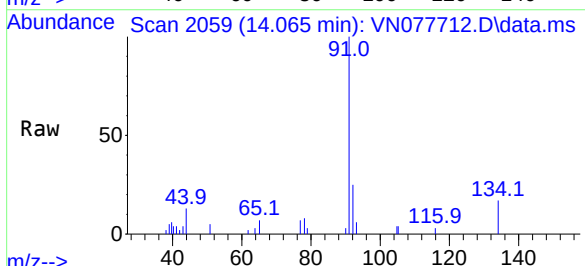
Tgt Ion: 91 Resp: 10257

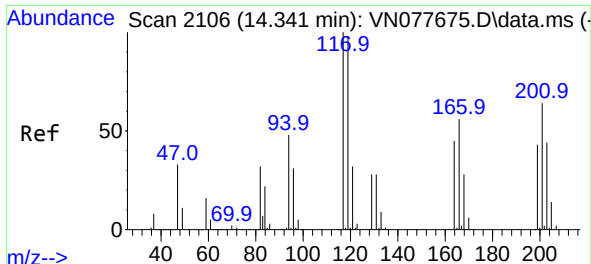
Ion Ratio Lower Upper

91 100

92 45.4 26.4 79.0

134 24.7 12.6 37.6

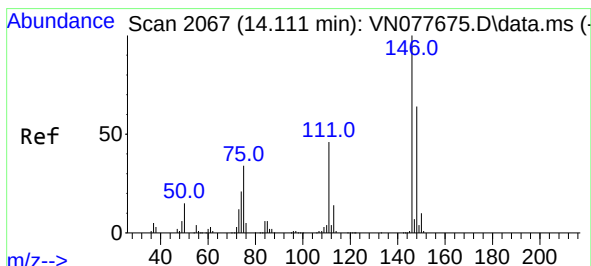
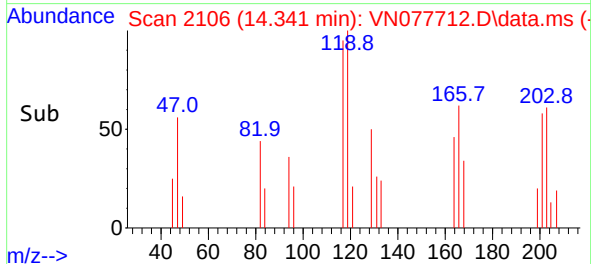
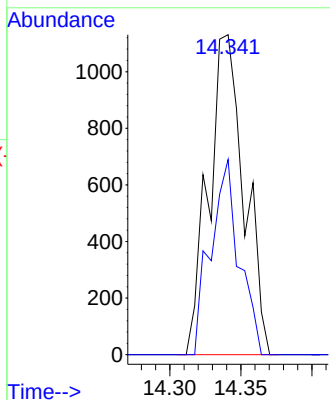
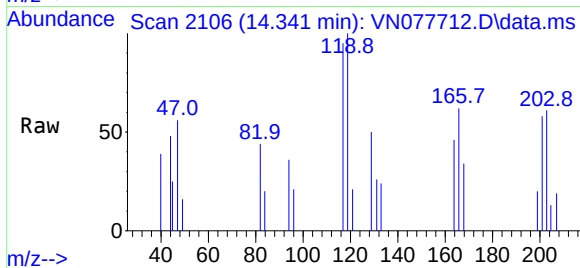




#90
Hexachloroethane
Concen: 0.718 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

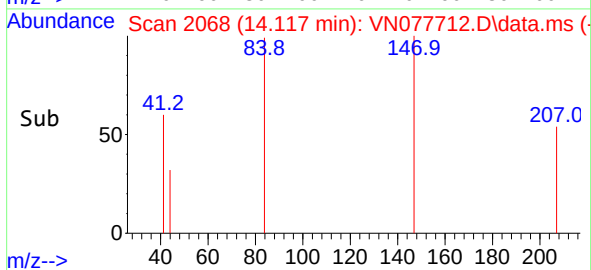
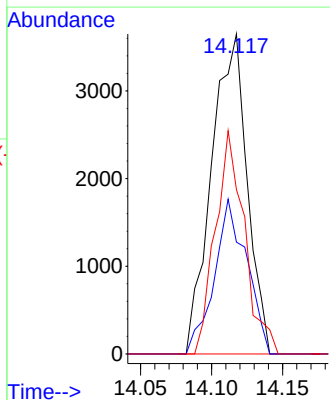
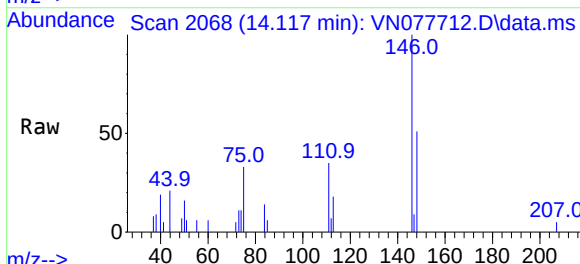
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

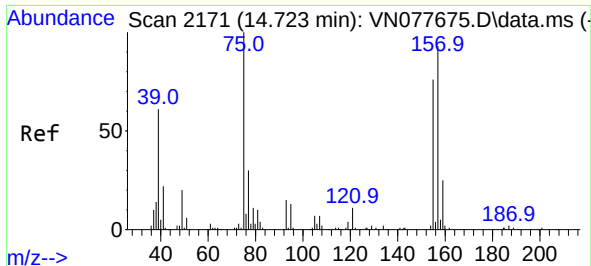
Tgt Ion:117 Resp: 1968
Ion Ratio Lower Upper
117 100
201 49.0 29.3 88.0



#91
1,2-Dichlorobenzene
Concen: 0.804 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion:146 Resp: 6362
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 57.0 31.8 95.3

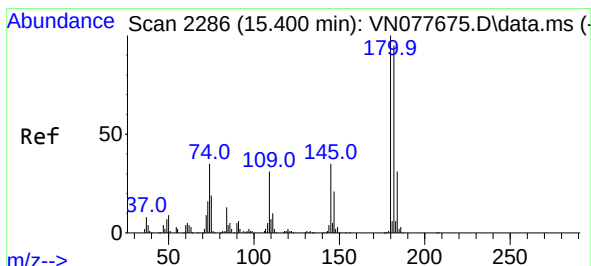
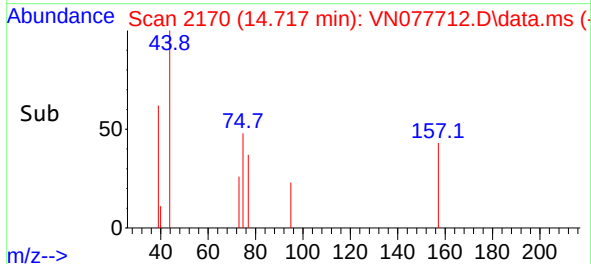
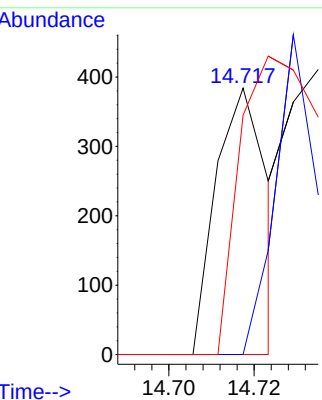
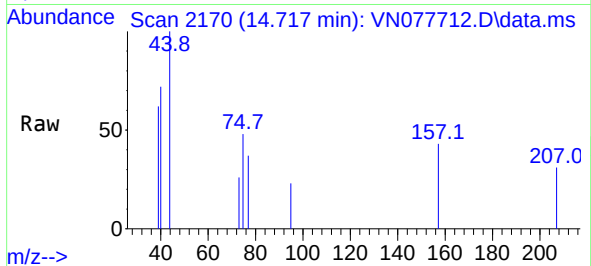




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.269 ug/l
RT: 14.717 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

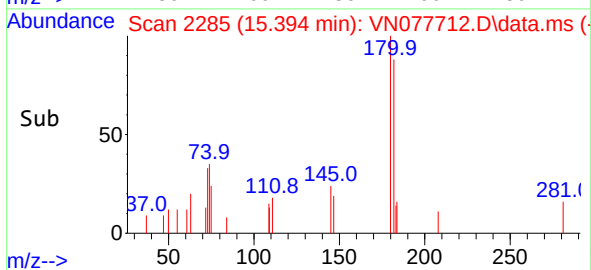
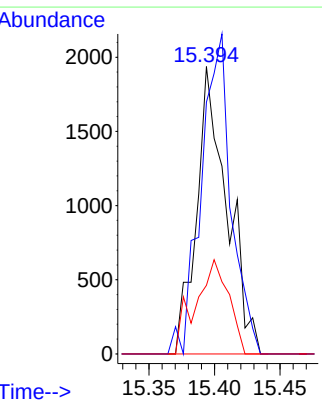
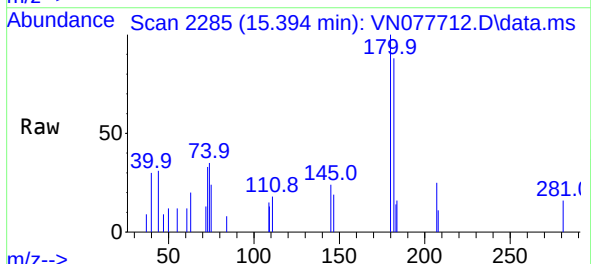
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

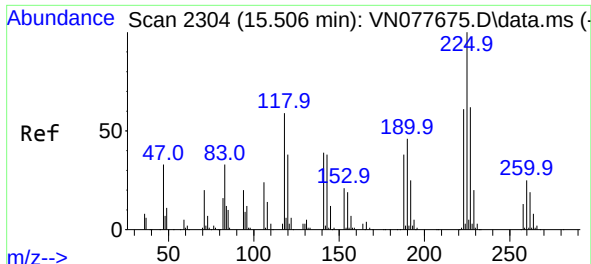
Tgt Ion: 75 Resp: 322
Ion Ratio Lower Upper
75 100
155 92.2 39.1 117.2
157 198.8 50.3 150.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.680 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

Tgt Ion: 180 Resp: 3142
Ion Ratio Lower Upper
180 100
182 109.3 46.1 138.2
145 35.4 16.6 49.8

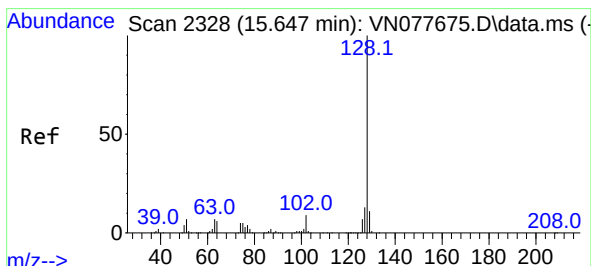
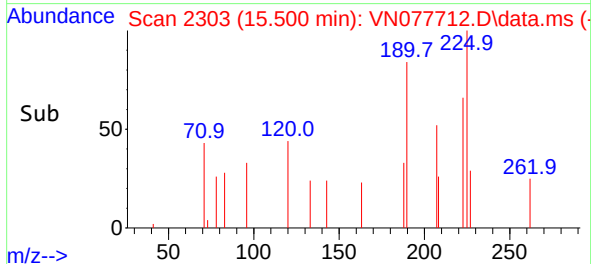
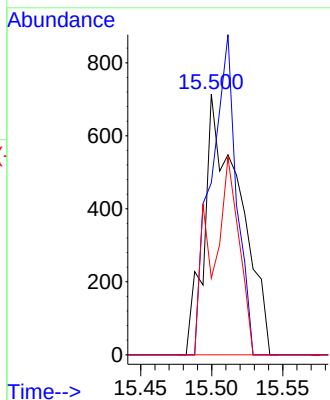
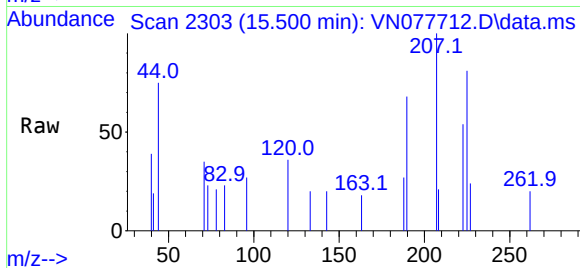




#94
Hexachlorobutadiene
Concen: 0.644 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

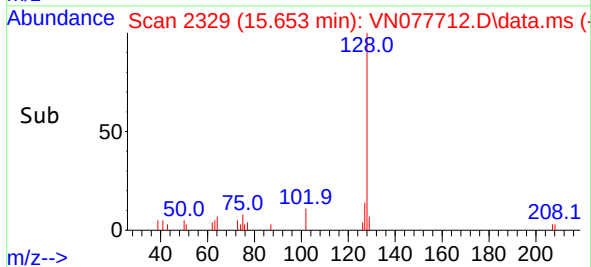
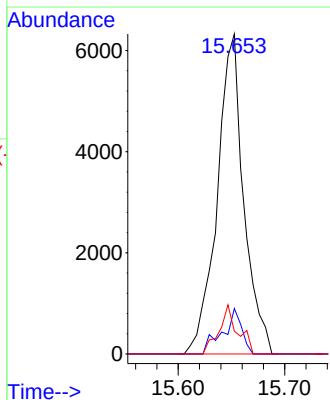
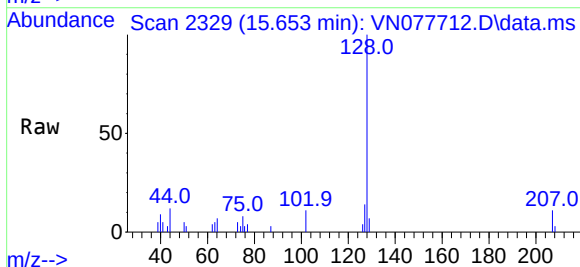
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

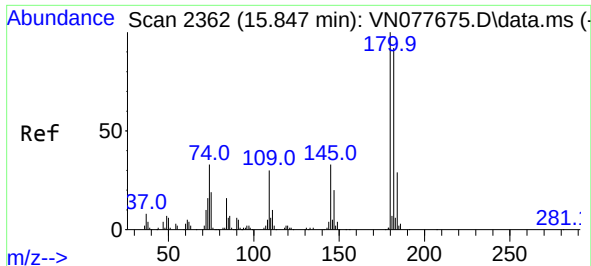
Tgt Ion:	225	Resp:	1237
Ion	Ratio	Lower	Upper
225	100		
223	88.4	31.3	93.8
227	58.1	31.9	95.9



#95
Naphthalene
Concen: 0.689 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077712.D
Acq: 17 May 2023 14:32

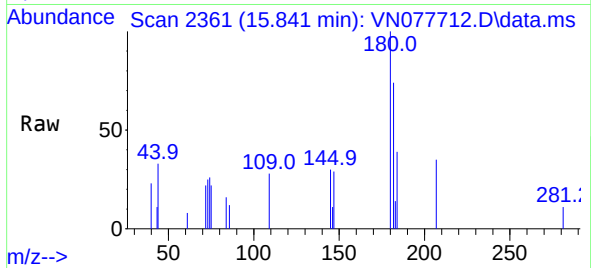
Tgt Ion:	128	Resp:	10969
Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.0	15.0
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.742 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN077712.D
 Acq: 17 May 2023 14:32

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



Tgt Ion:	180	Resp:	3359
Ion	Ratio	Lower	Upper
180	100		
182	92.1	46.2	138.6
145	40.1	17.5	52.6

