

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079857.D
 Acq On : 03 Nov 2023 18:27
 Operator : JC\MD
 Sample : 04699-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 04 03:49:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 04 03:49:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	255591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	474774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	425388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	245182	62.964	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 125.920%#	
35) Dibromofluoromethane	8.171	113	187984	55.943	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.880%	
50) Toluene-d8	10.571	98	628901	50.840	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.853	95	185289	45.164	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	627	0.204	ug/l #	43
3) Chloromethane	2.365	50	2340	0.547	ug/l	98
4) Vinyl Chloride	2.518	62	1374	0.341	ug/l #	75
5) Bromomethane	2.965	94	1385	0.566	ug/l	86
6) Chloroethane	3.118	64	1347	0.423	ug/l #	72
7) Trichlorofluoromethane	3.500	101	737	0.147	ug/l	100
8) Diethyl Ether	3.971	74	59	0.031	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.359	101	392	0.135	ug/l #	40
10) Methyl Iodide	4.595	142	862	0.260	ug/l #	88
11) Tert butyl alcohol	5.506	59	932	1.875	ug/l #	72
12) 1,1-Dichloroethene	4.365	96	376	0.137	ug/l #	24
13) Acrolein	4.195	56	183	0.450	ug/l #	16
14) Allyl chloride	5.024	41	344	0.082	ug/l #	61
15) Acrylonitrile	5.736	53	1497	0.966	ug/l #	81
16) Acetone	4.453	43	2437	1.782	ug/l	96
17) Carbon Disulfide	4.706	76	2330	0.294	ug/l #	75
18) Methyl Acetate	5.059	43	2456	0.375	ug/l #	53
19) Methyl tert-butyl Ether	5.789	73	580	0.061	ug/l #	57
20) Methylene Chloride	5.271	84	1531	0.444	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	380	0.124	ug/l #	46
22) Diisopropyl ether	6.665	45	2040	0.209	ug/l #	65
23) Vinyl Acetate	6.618	43	5118	0.950	ug/l #	62
24) 1,1-Dichloroethane	6.577	63	1626	0.274	ug/l #	81
25) 2-Butanone	7.500	43	2385	1.191	ug/l	88
26) 2,2-Dichloropropane	7.488	77	672	0.137	ug/l #	71
27) cis-1,2-Dichloroethene	7.494	96	634	0.173	ug/l #	8
28) Bromochloromethane	7.812	49	643	0.222	ug/l #	56
29) Tetrahydrofuran	7.865	42	1605	1.232	ug/l #	60
30) Chloroform	7.965	83	2715	0.421	ug/l #	73
31) Cyclohexane	8.230	56	8403	1.633	ug/l #	51
32) 1,1,1-Trichloroethane	8.165	97	1242	0.236	ug/l #	49
36) 1,1-Dichloropropene	8.371	75	1170	0.244	ug/l #	61
37) Ethyl Acetate	7.577	43	1049	0.238	ug/l #	63
38) Carbon Tetrachloride	8.365	117	1466	0.303	ug/l #	68
39) Methylcyclohexane	9.600	83	1000	0.221	ug/l	97
40) Benzene	8.600	78	1266	0.088	ug/l #	60

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	443	0.190	ug/l #	46
42) 1,2-Dichloroethane	8.671	62	1916	0.382	ug/l #	73
43) Isopropyl Acetate	8.700	43	1691	0.219	ug/l #	49
44) Trichloroethene	9.347	130	390	0.109	ug/l	75
45) 1,2-Dichloropropane	9.624	63	661	0.180	ug/l #	72
46) Dibromomethane	9.712	93	510	0.203	ug/l	95
47) Bromodichloromethane	9.894	83	1981	0.370	ug/l #	77
48) Methyl methacrylate	9.682	41	589	0.174	ug/l #	73
49) 1,4-Dioxane	9.712	88	66	1.105	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	4759	1.095	ug/l #	85
52) Toluene	10.641	92	2385	0.280	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	1254	0.239	ug/l #	50
54) cis-1,3-Dichloropropene	10.318	75	939	0.164	ug/l #	80
55) 1,1,2-Trichloroethane	11.024	97	798	0.233	ug/l #	70
56) Ethyl methacrylate	10.876	69	774	0.158	ug/l #	48
57) 1,3-Dichloropropane	11.159	76	1403	0.232	ug/l #	75
58) 2-Chloroethyl Vinyl ether	10.171	63	1853	0.748	ug/l #	70
59) 2-Hexanone	11.200	43	2718	0.818	ug/l	83
60) Dibromochloromethane	11.371	129	952	0.260	ug/l	97
61) 1,2-Dibromoethane	11.471	107	599	0.174	ug/l	92
64) Tetrachloroethene	11.112	164	599	0.217	ug/l	90
65) Chlorobenzene	11.894	112	2190	0.237	ug/l #	77
66) 1,1,1,2-Tetrachloroethane	11.965	131	693	0.208	ug/l #	55
67) Ethyl Benzene	11.965	91	2778	0.173	ug/l	89
68) m/p-Xylenes	12.070	106	1982	0.331	ug/l	76
69) o-Xylene	12.394	106	1135	0.197	ug/l	69
70) Styrene	12.418	104	1423	0.154	ug/l #	87
71) Bromoform	12.582	173	364	0.154	ug/l #	28
73) Isopropylbenzene	12.700	105	2367	0.196	ug/l	87
74) N-amyl acetate	12.500	43	1099	0.208	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.947	83	1387	0.323	ug/l #	85
76) 1,2,3-Trichloropropane	12.853	75	101146	27.033	ug/l #	1
77) Bromobenzene	12.976	156	927	0.313	ug/l	72
78) n-propylbenzene	13.047	91	3318	0.240	ug/l	99
79) 2-Chlorotoluene	13.129	91	2117	0.239	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1962	0.208	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	101146	73.552	ug/l #	15
82) 4-Chlorotoluene	13.223	91	1928	0.219	ug/l	92
83) tert-Butylbenzene	13.435	119	1500	0.195	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	1805	0.195	ug/l	97
85) sec-Butylbenzene	13.617	105	1645	0.154	ug/l	86
86) p-Isopropyltoluene	13.735	119	1600	0.184	ug/l	92
87) 1,3-Dichlorobenzene	13.735	146	1187	0.215	ug/l	85
88) 1,4-Dichlorobenzene	13.735	146	1187	0.212	ug/l	82
89) n-Butylbenzene	14.064	91	1387	0.185	ug/l	93
90) Hexachloroethane	14.347	117	401	0.233	ug/l	64
91) 1,2-Dichlorobenzene	14.100	146	1240	0.238	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	122	0.168	ug/l #	27
93) 1,2,4-Trichlorobenzene	15.400	180	197	0.080	ug/l #	14
94) Hexachlorobutadiene	15.506	225	65	0.058	ug/l #	43
95) Naphthalene	15.641	128	1263	0.151	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.829	180	161	0.066	ug/l #	41

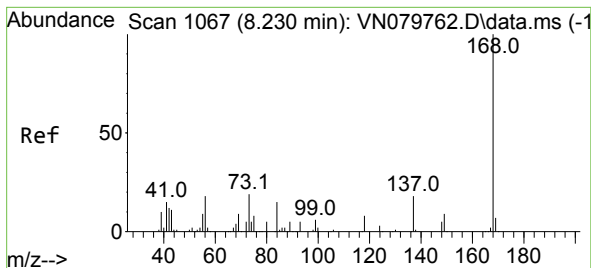
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

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Instrument :

MSVOA_N

ClientSampleId :

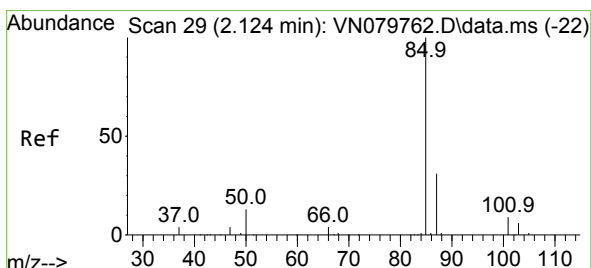
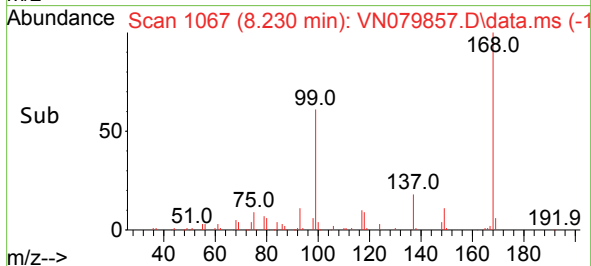
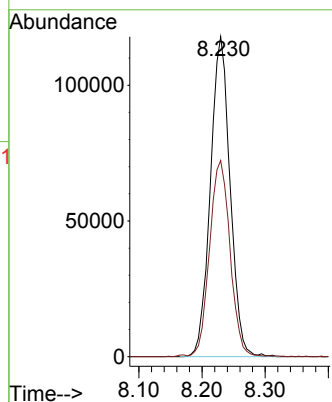
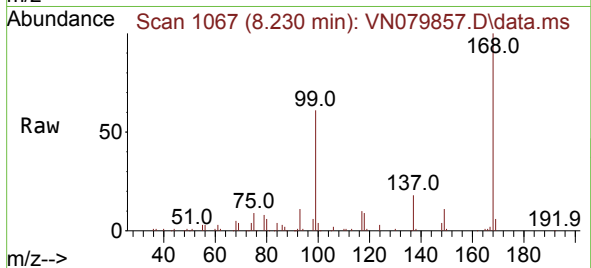
MDL-WATER-03-QT4-2023

Tgt Ion:168 Resp: 255591

Ion Ratio Lower Upper

168 100

99 61.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.204 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN079857.D

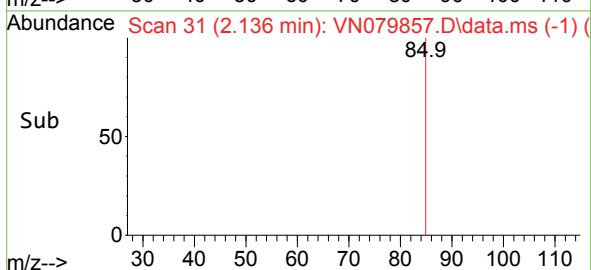
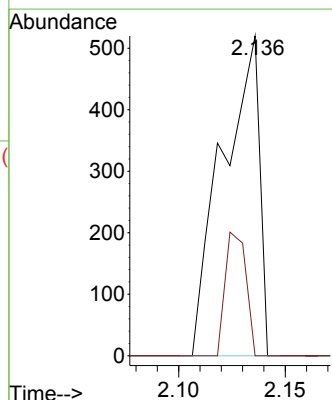
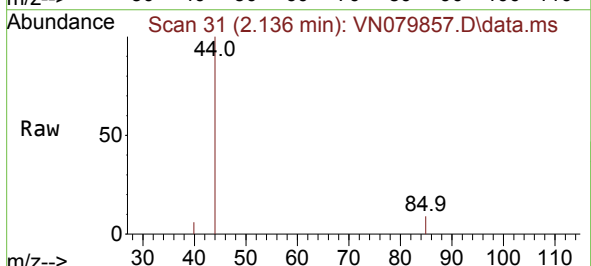
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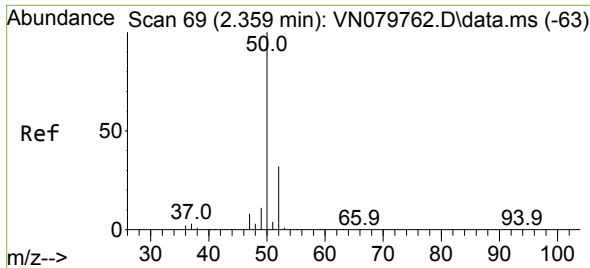
Tgt Ion: 85 Resp: 627

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#

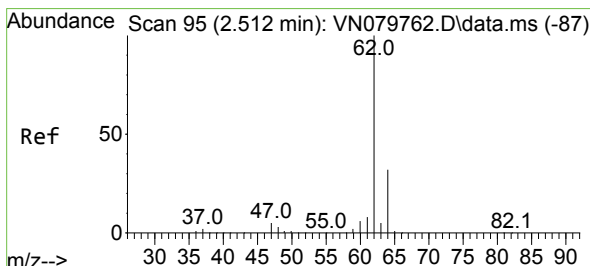
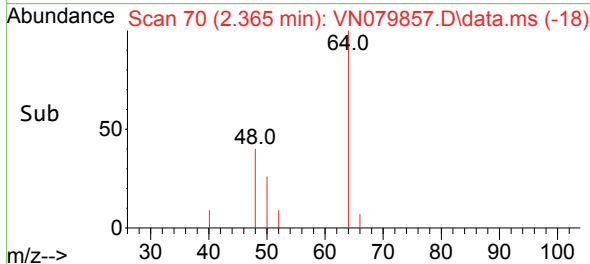
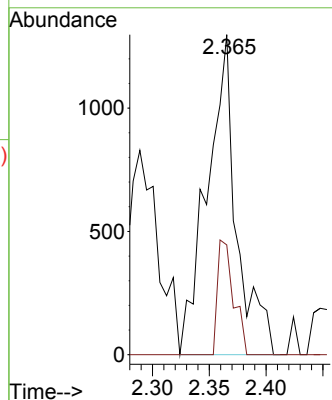
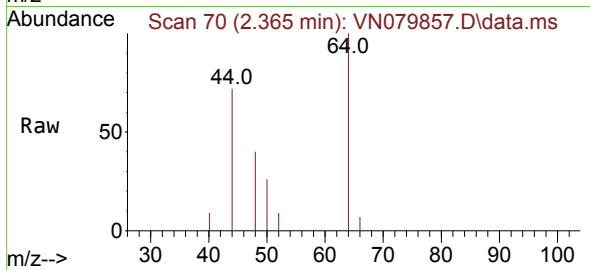




#3
Chloromethane
Concen: 0.547 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

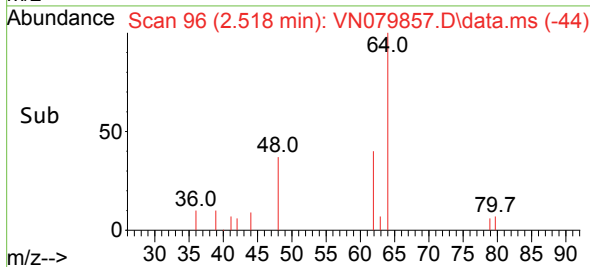
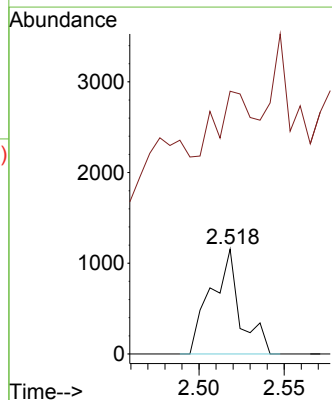
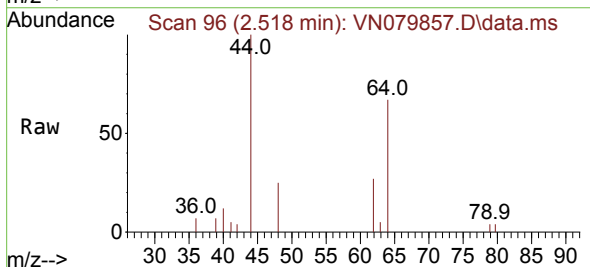
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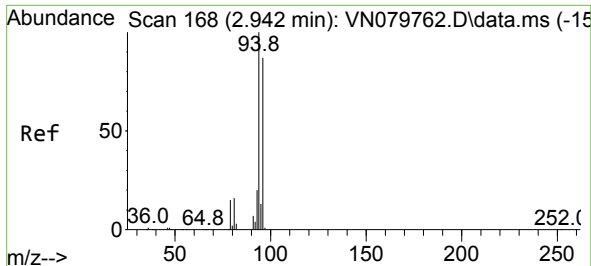
Tgt Ion: 50 Resp: 2340
Ion Ratio Lower Upper
50 100
52 34.3 26.5 39.7



#4
Vinyl Chloride
Concen: 0.341 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 62 Resp: 1374
Ion Ratio Lower Upper
62 100
64 46.7 26.2 39.2#

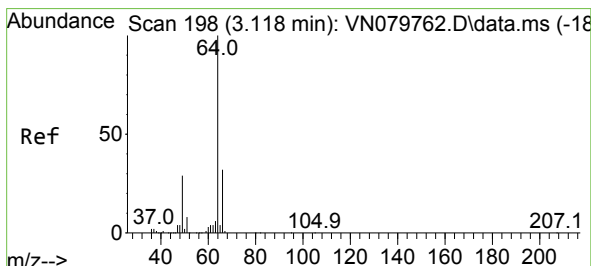
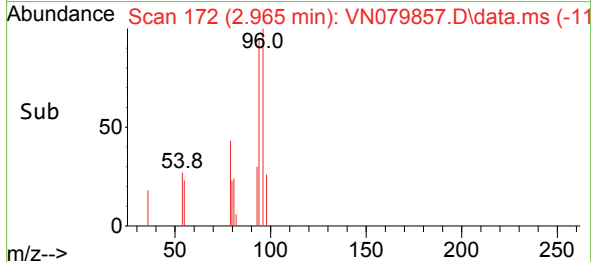
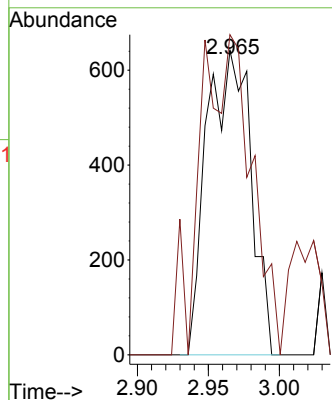
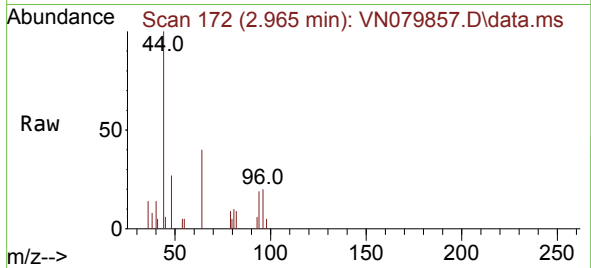




#5
Bromomethane
Concen: 0.566 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

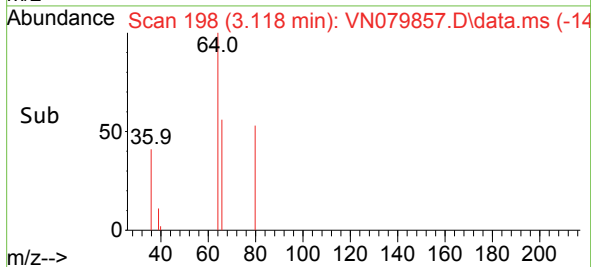
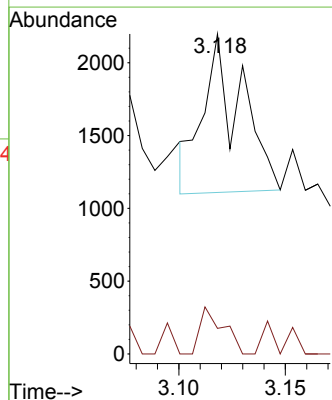
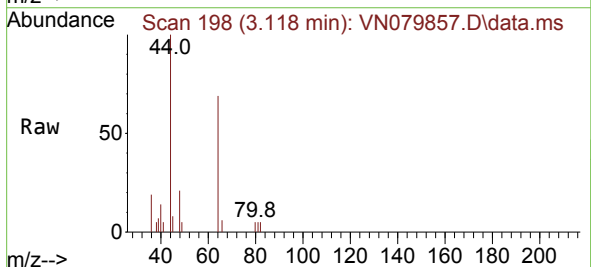
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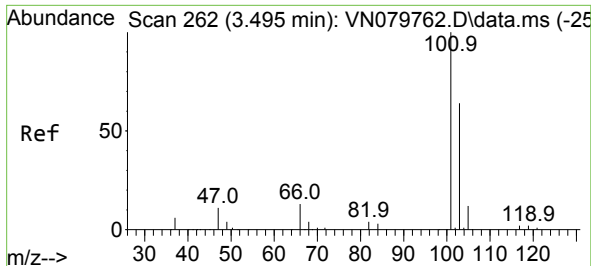
Tgt Ion: 94 Resp: 1385
Ion Ratio Lower Upper
94 100
96 105.1 73.1 109.7



#6
Chloroethane
Concen: 0.423 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 64 Resp: 1347
Ion Ratio Lower Upper
64 100
66 16.4 25.4 38.2#

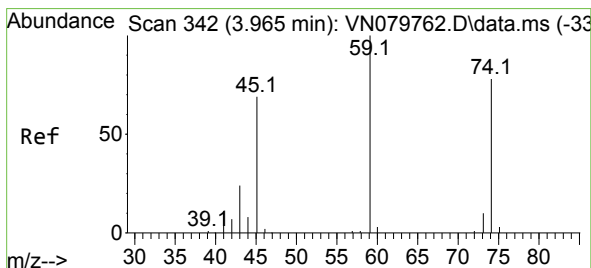
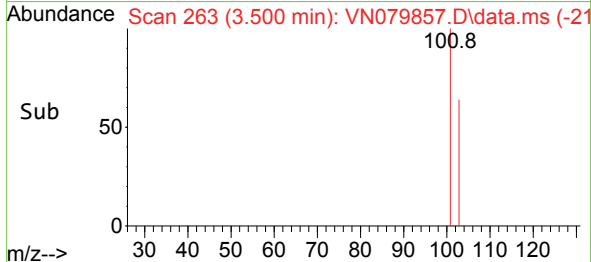
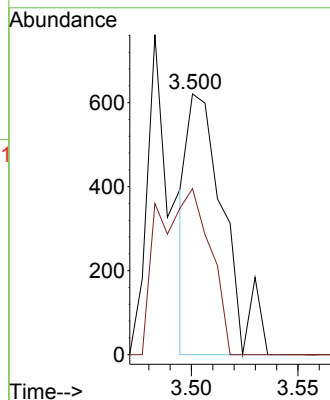
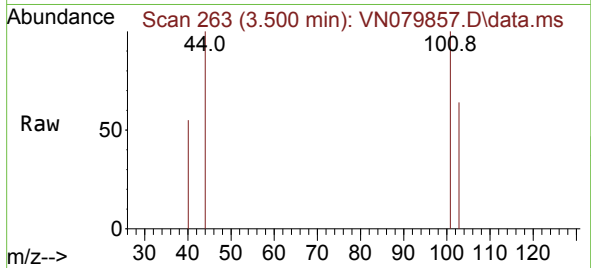




#7
Trichlorofluoromethane
Concen: 0.147 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079857.D
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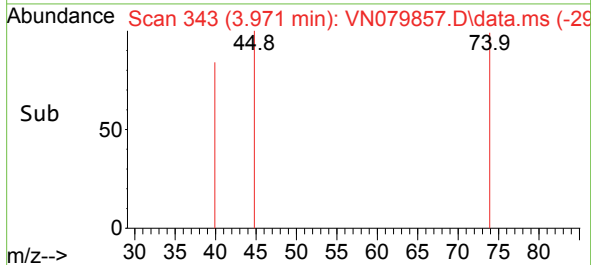
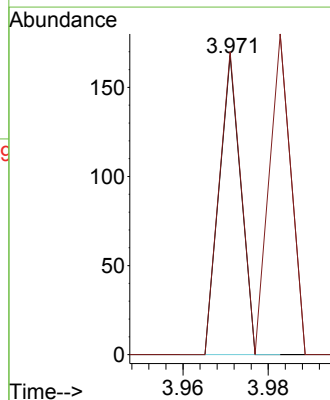
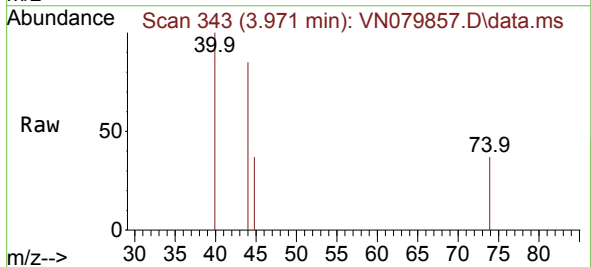
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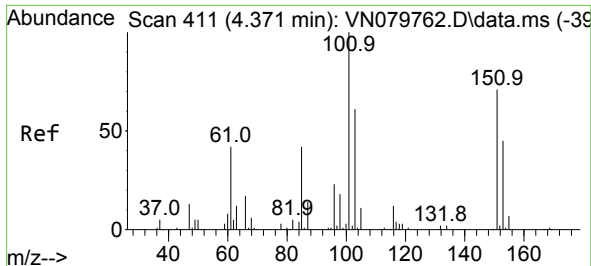
Tgt Ion:101 Resp: 737
Ion Ratio Lower Upper
101 100
103 63.6 50.7 76.1



#8
Diethyl Ether
Concen: 0.031 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 74 Resp: 59
Ion Ratio Lower Upper
74 100
45 208.5 34.4 103.3#

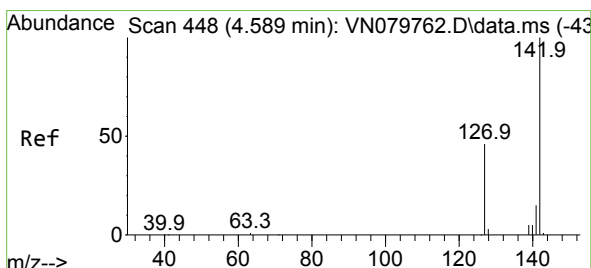
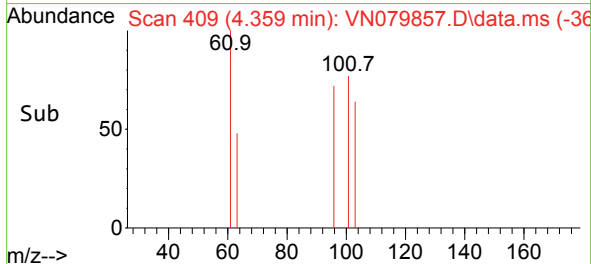
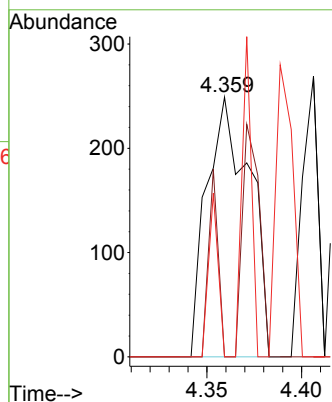
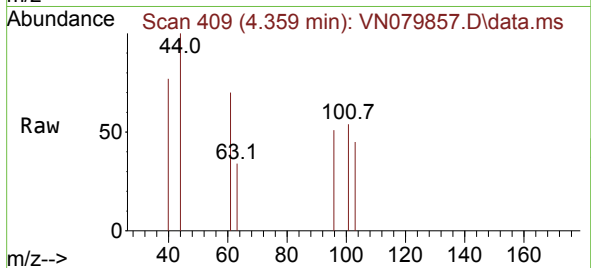




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.135 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN079857.D
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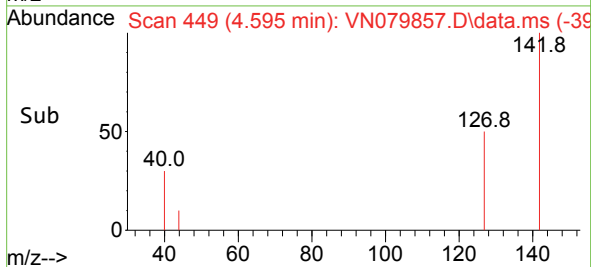
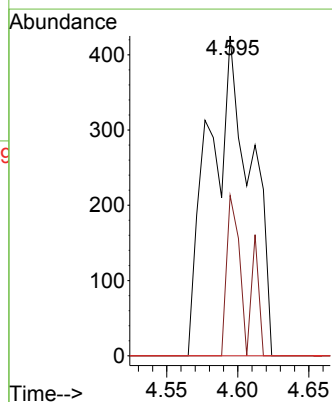
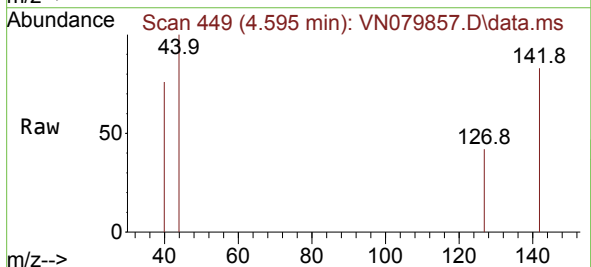
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ClientSampleId :
MDL-WATER-03-QT4-2023

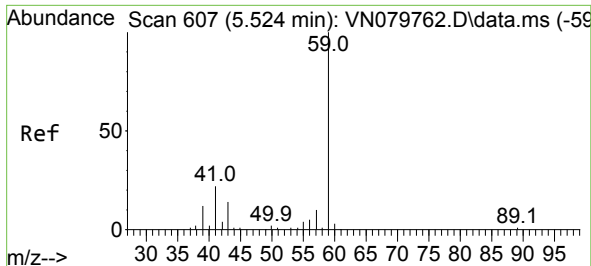
Tgt Ion:101 Resp: 392
Ion Ratio Lower Upper
101 100
85 16.3 36.6 55.0#
151 14.0 57.6 86.4#



#10
Methyl Iodide
Concen: 0.260 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion:142 Resp: 862
Ion Ratio Lower Upper
142 100
127 50.1 37.6 56.4
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 1.875 ug/l

RT: 5.506 min Scan# 607

Delta R.T. -0.012 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

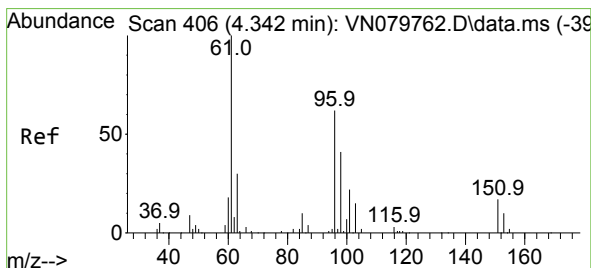
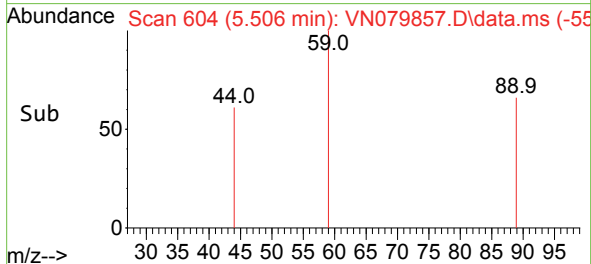
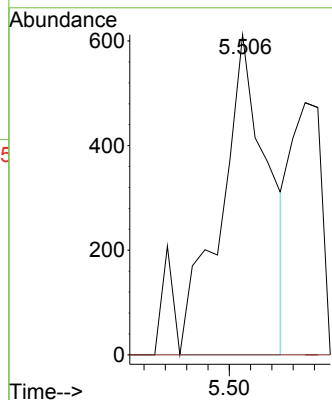
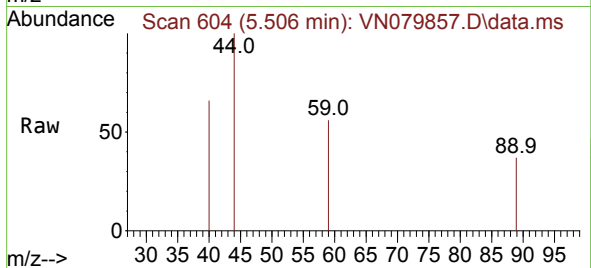
MDL-WATER-03-QT4-2023

Tgt Ion: 59 Resp: 932

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.137 ug/l

RT: 4.365 min Scan# 410

Delta R.T. 0.018 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

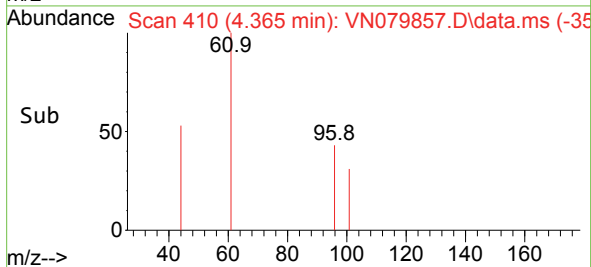
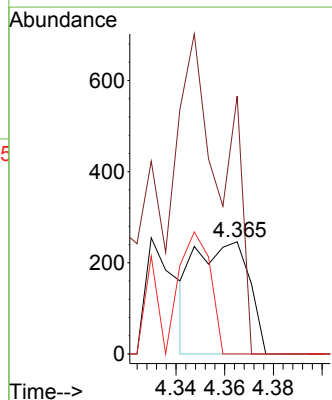
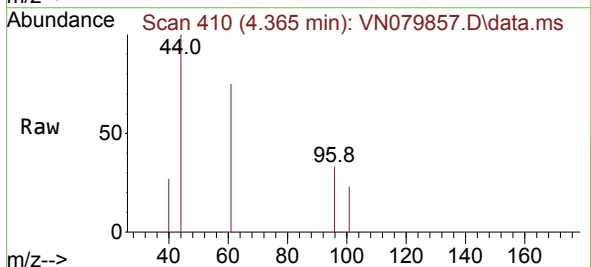
Tgt Ion: 96 Resp: 376

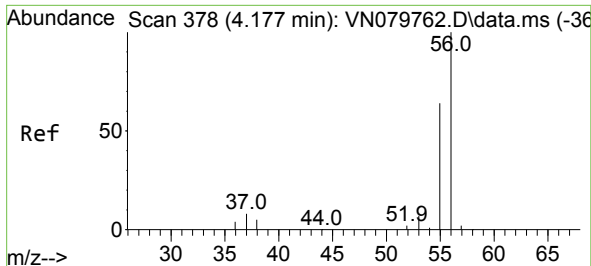
Ion Ratio Lower Upper

96 100

61 230.1 112.7 169.1#

98 0.0 51.2 76.8#





#13

Acrolein

Concen: 0.450 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.012 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

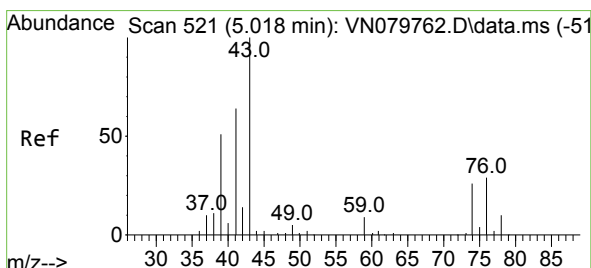
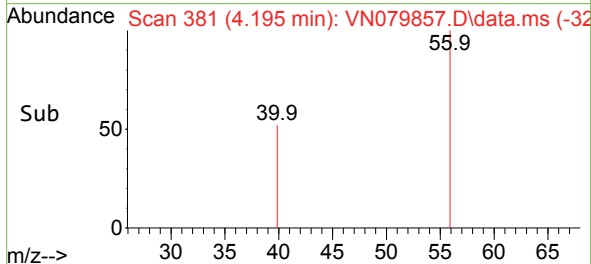
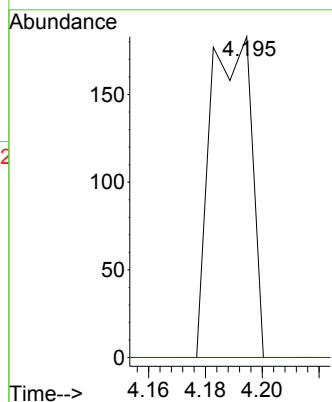
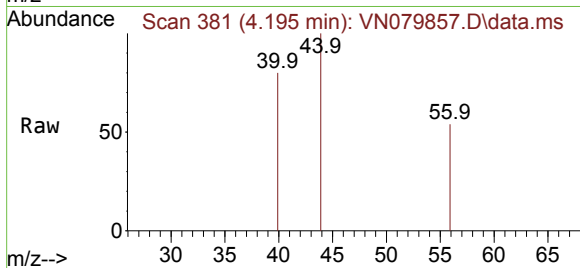
MDL-WATER-03-QT4-2023

Tgt Ion: 56 Resp: 183

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#14

Allyl chloride

Concen: 0.082 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

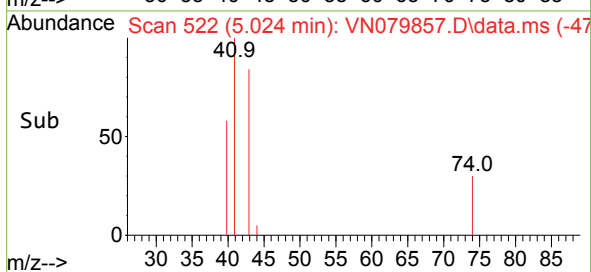
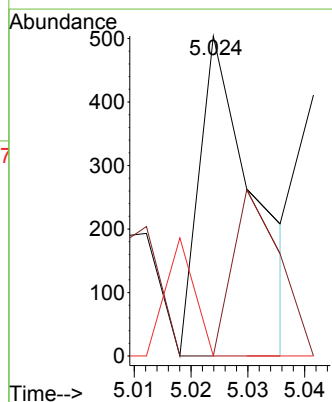
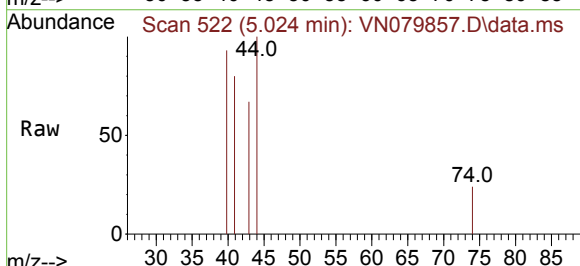
Tgt Ion: 41 Resp: 344

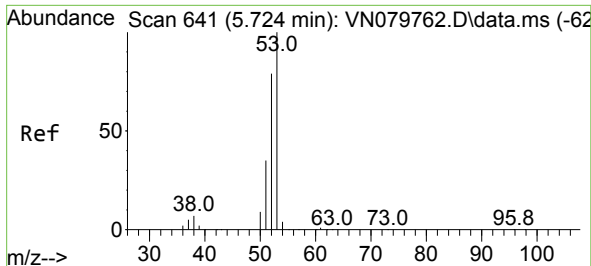
Ion Ratio Lower Upper

41 100

39 43.3 58.8 88.2#

76 19.2 39.1 58.7#

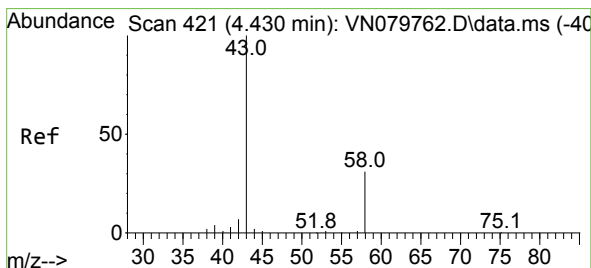
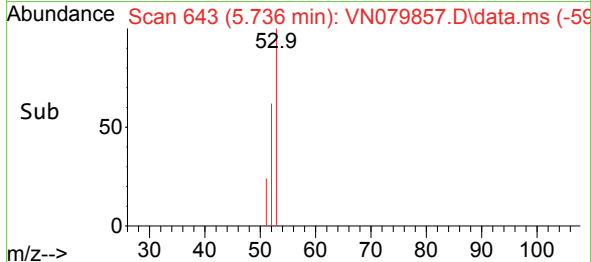
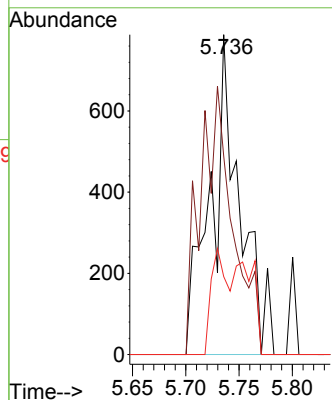
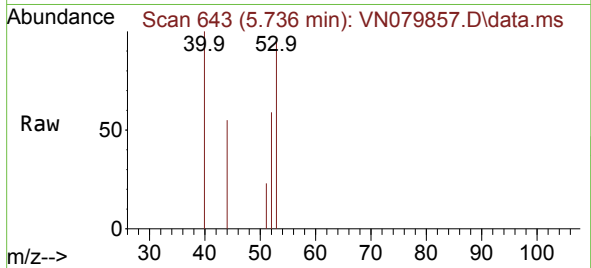




#15
Acrylonitrile
Concen: 0.966 ug/l
RT: 5.736 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

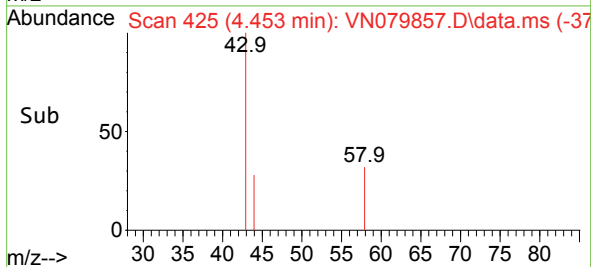
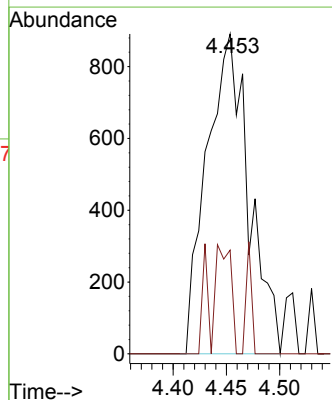
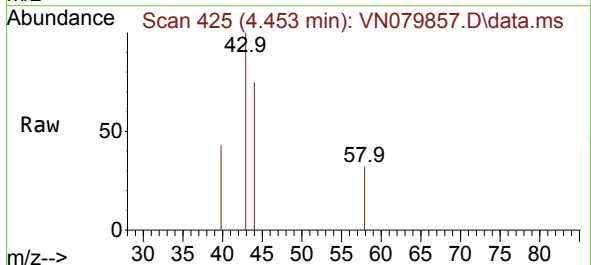
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

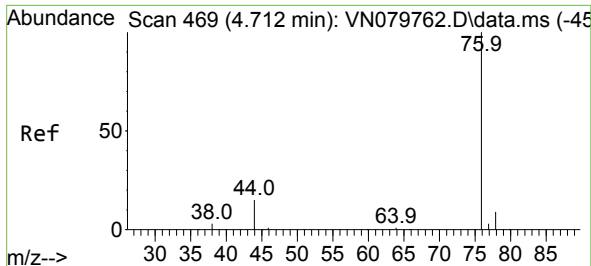
Tgt Ion:	53	Resp:	1497
Ion	Ratio	Lower	Upper
53	100		
52	94.1	65.3	97.9
51	18.8	28.9	43.3



#16
Acetone
Concen: 1.782 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion:	43	Resp:	2437
Ion	Ratio	Lower	Upper
43	100		
58	32.4	28.0	42.0

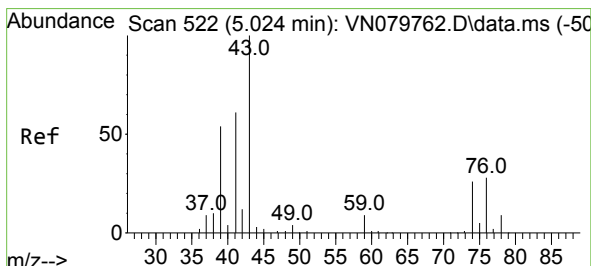
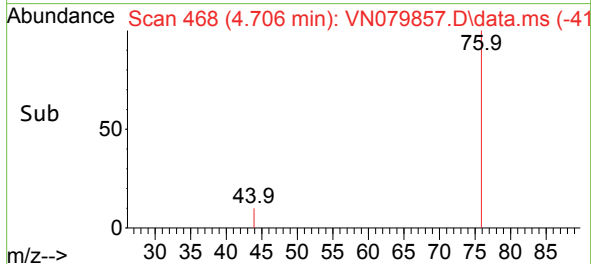
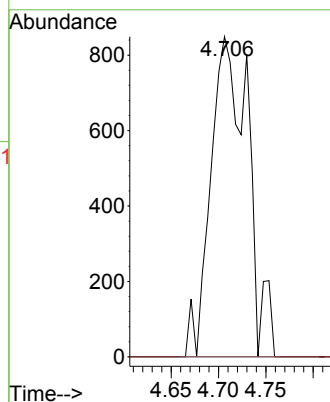
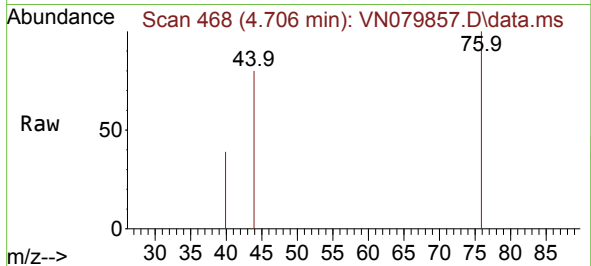




#17
Carbon Disulfide
Concen: 0.294 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

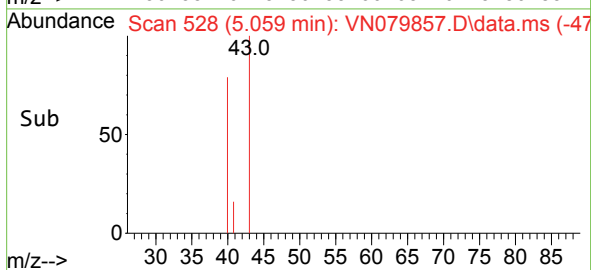
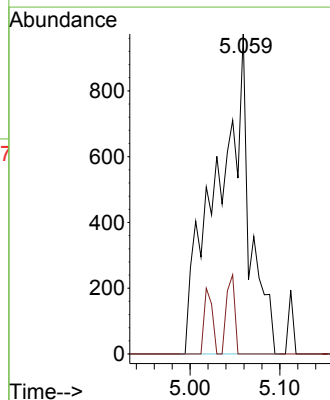
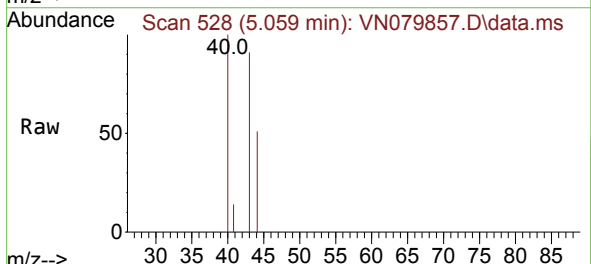
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

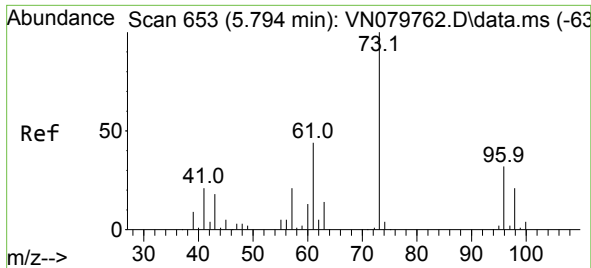
Tgt Ion: 76 Resp: 2330
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.375 ug/l
RT: 5.059 min Scan# 528
Delta R.T. 0.035 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 43 Resp: 2456
Ion Ratio Lower Upper
43 100
74 6.2 26.2 39.4#

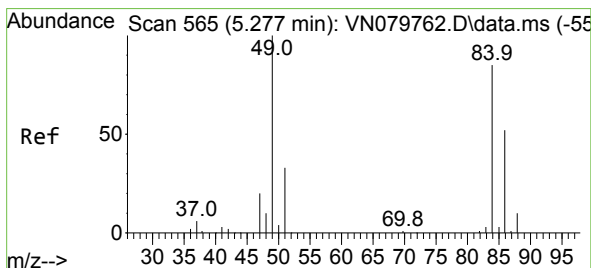
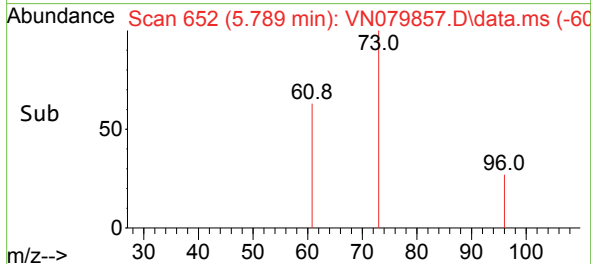
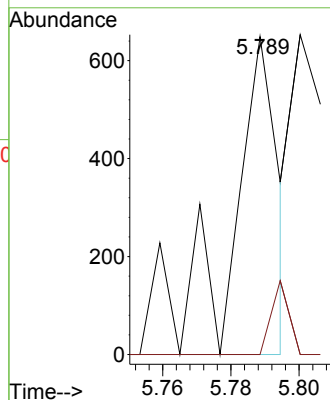
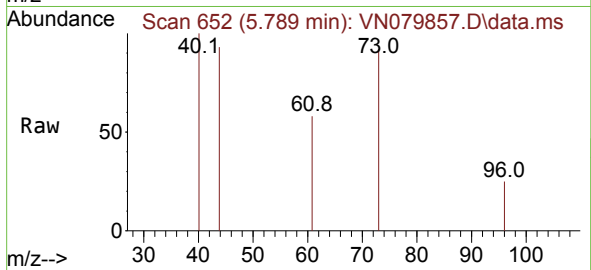




#19
Methyl tert-butyl Ether
Concen: 0.061 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

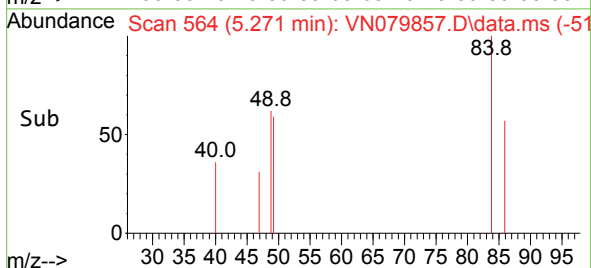
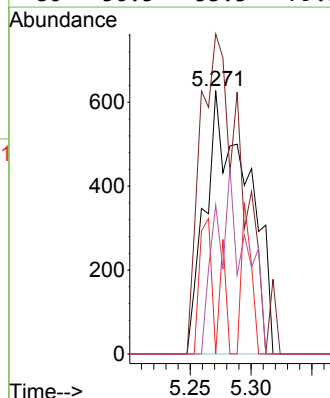
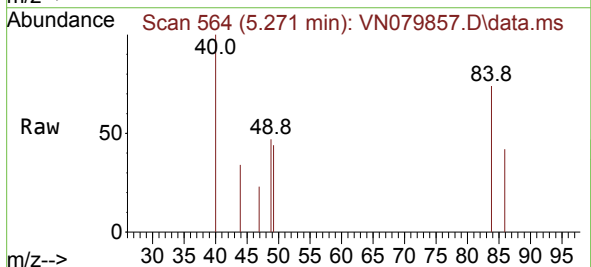
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

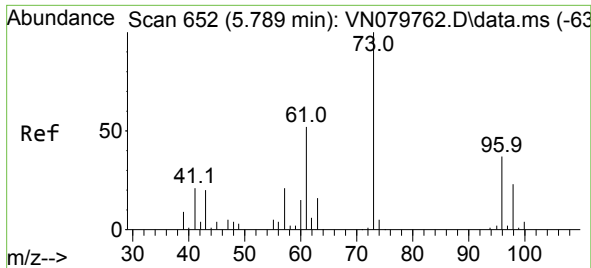
Tgt Ion: 73 Resp: 580
Ion Ratio Lower Upper
73 100
57 0.0 15.6 23.4#



#20
Methylene Chloride
Concen: 0.444 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 84 Resp: 1531
Ion Ratio Lower Upper
84 100
49 121.5 79.7 119.5#
51 0.0 25.2 37.8#
86 56.5 53.3 79.9

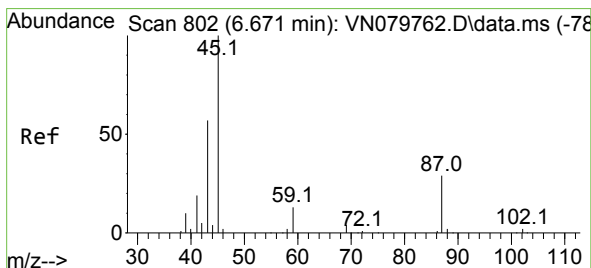
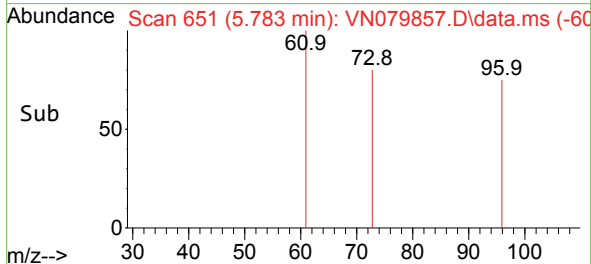
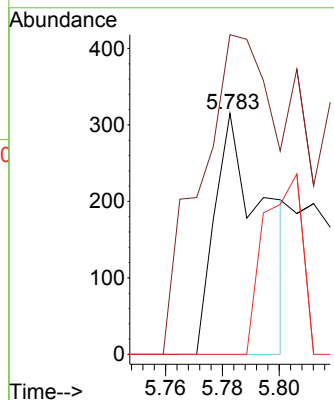
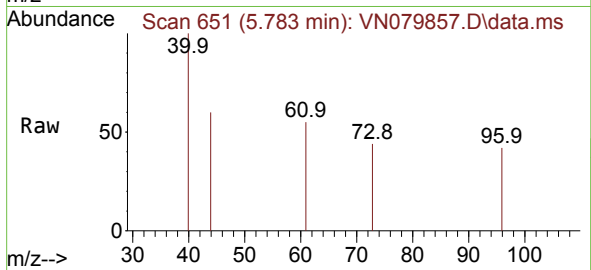




#21
trans-1,2-Dichloroethene
Concen: 0.124 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

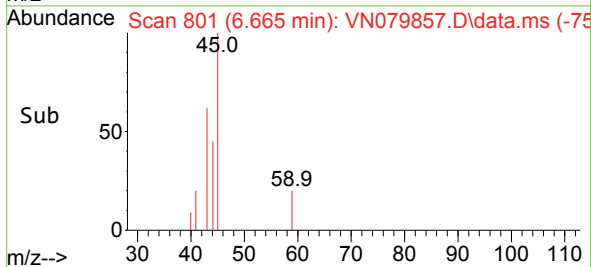
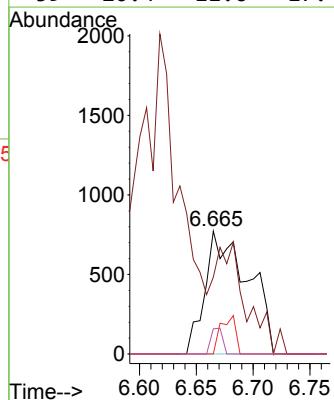
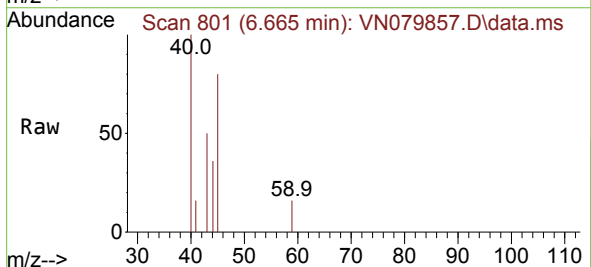
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

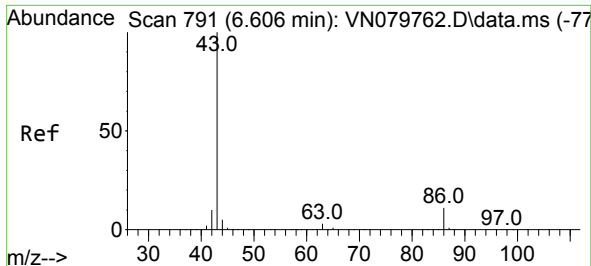
Tgt Ion: 96 Resp: 380
Ion Ratio Lower Upper
96 100
61 68.3 90.1 135.1#
98 0.0 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.209 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 45 Resp: 2040
Ion Ratio Lower Upper
45 100
43 42.2 45.5 68.3#
87 0.0 31.8 47.8#
59 20.4 11.6 17.4#

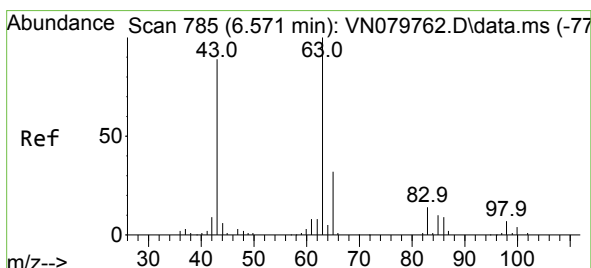
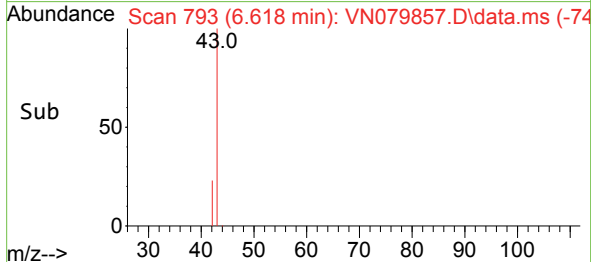
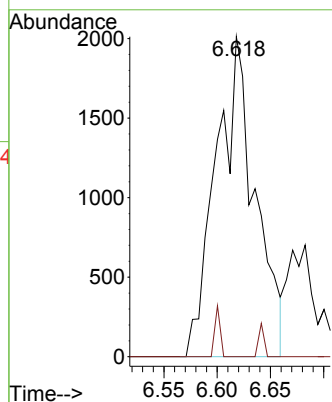
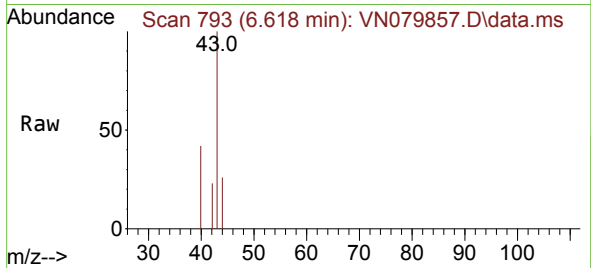




#23
 Vinyl Acetate
 Concen: 0.950 ug/l
 RT: 6.618 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN079857.D
 Acq: 03 Nov 2023 18:27

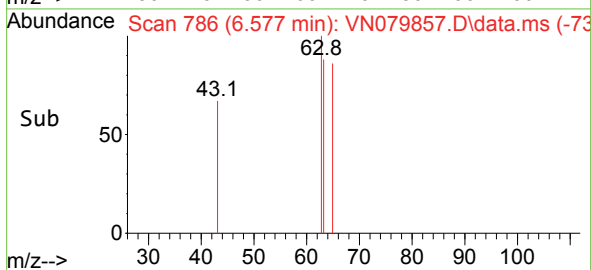
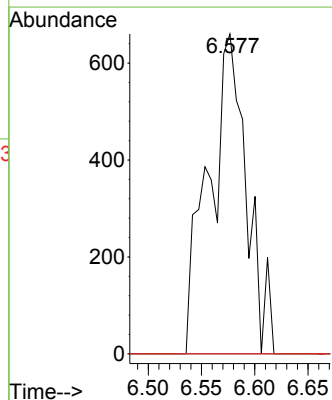
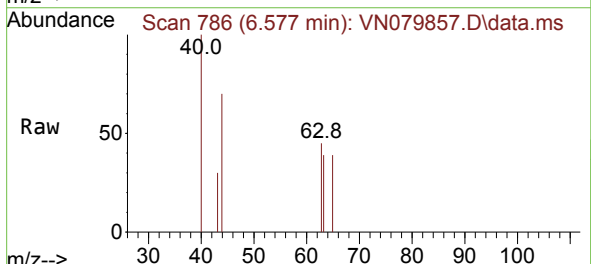
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023

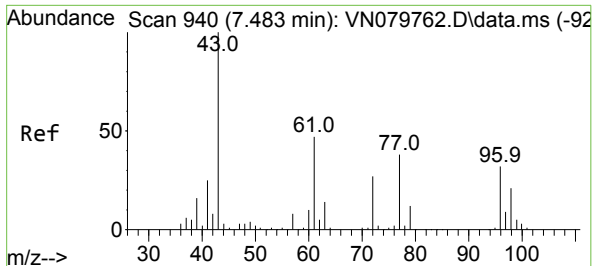
Tgt Ion: 43 Resp: 5118
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.274 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN079857.D
 Acq: 03 Nov 2023 18:27

Tgt Ion: 63 Resp: 1626
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 1.191 ug/l

RT: 7.500 min Scan# 940

Delta R.T. 0.012 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

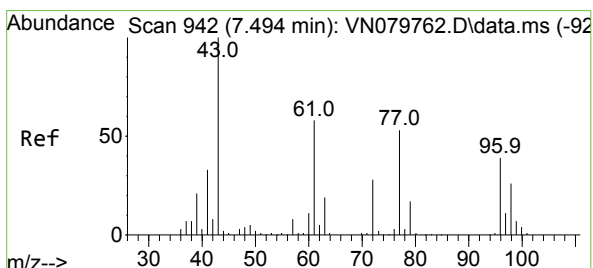
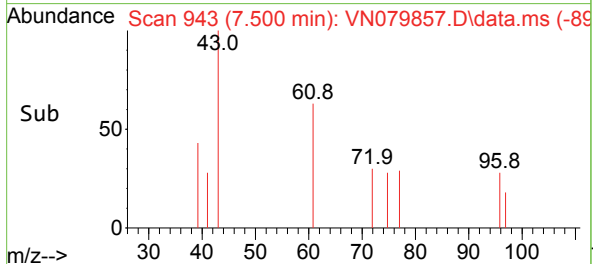
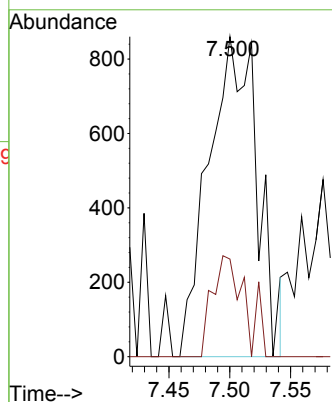
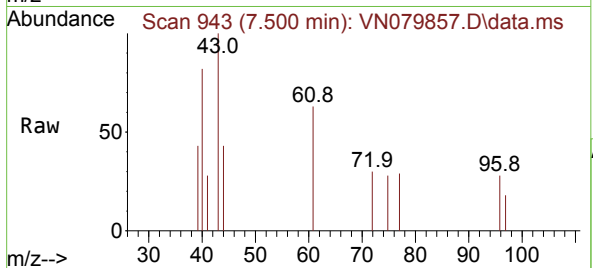
MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 2385

Ion Ratio Lower Upper

43 100

72 30.5 30.2 45.2



#26

2,2-Dichloropropane

Concen: 0.137 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079857.D

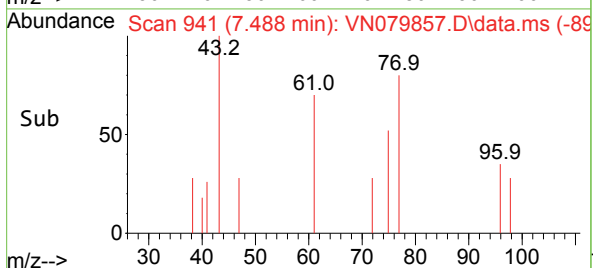
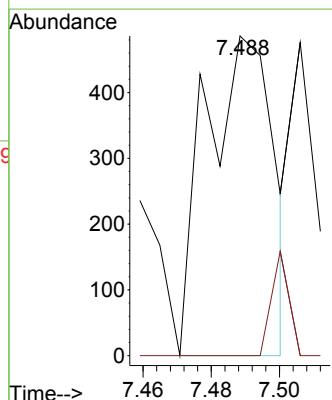
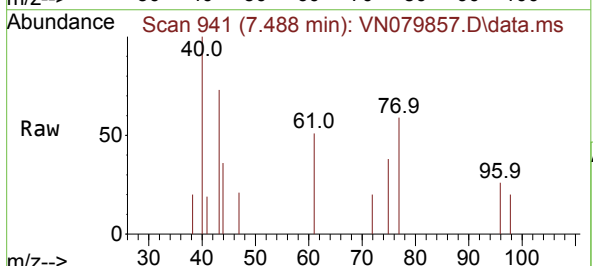
Acq: 03 Nov 2023 18:27

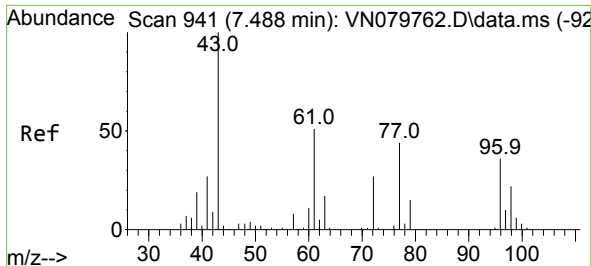
Tgt Ion: 77 Resp: 672

Ion Ratio Lower Upper

77 100

97 8.3 11.2 33.6#

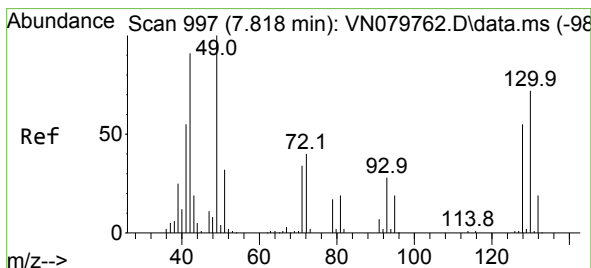
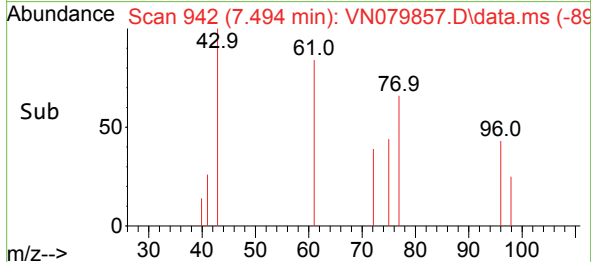
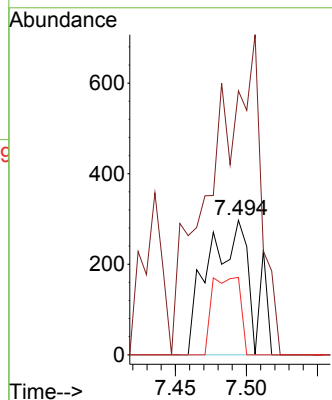
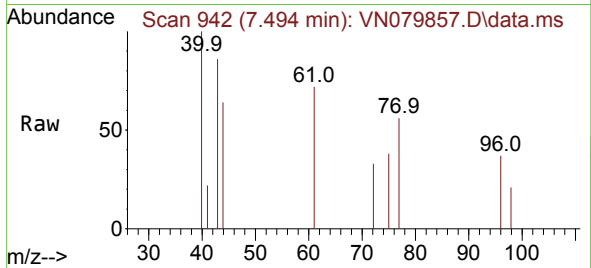




#27
cis-1,2-Dichloroethene
Concen: 0.173 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

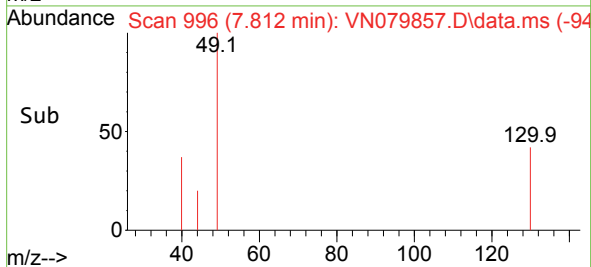
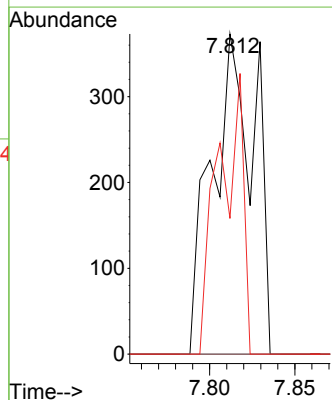
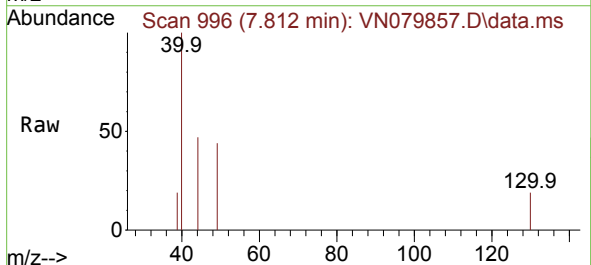
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

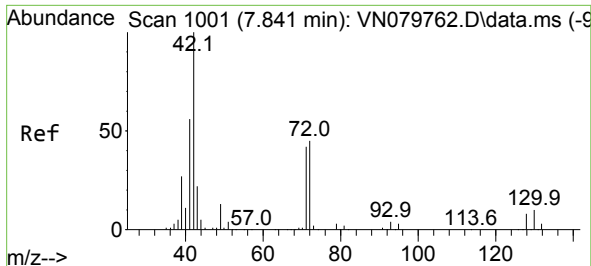
Tgt Ion: 96 Resp: 634
Ion Ratio Lower Upper
96 100
61 267.2 0.0 255.2#
98 37.1 0.0 128.8



#28
Bromochloromethane
Concen: 0.222 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 49 Resp: 643
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 50.7 75.3 112.9#

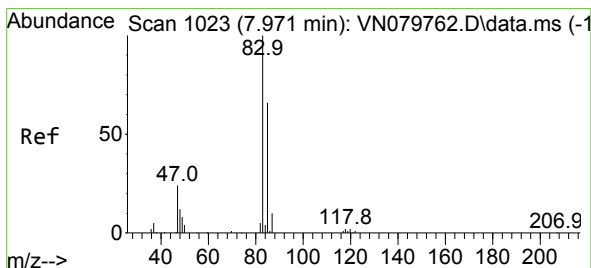
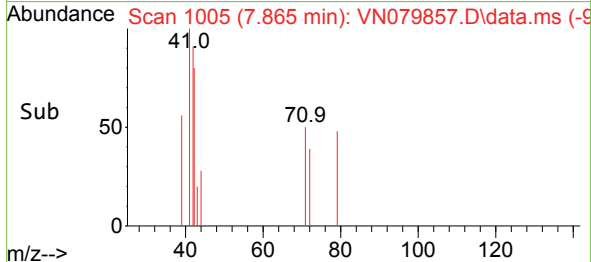
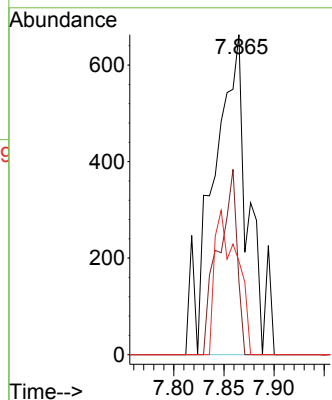
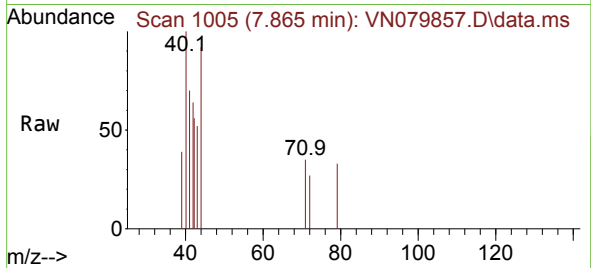




#29
Tetrahydrofuran
Concen: 1.232 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.024 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

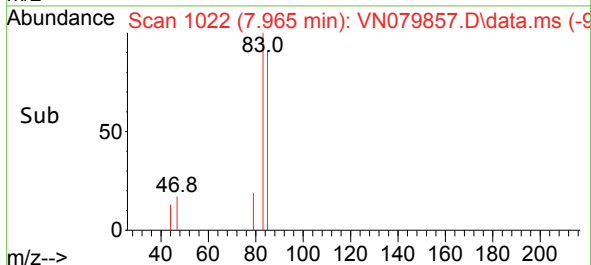
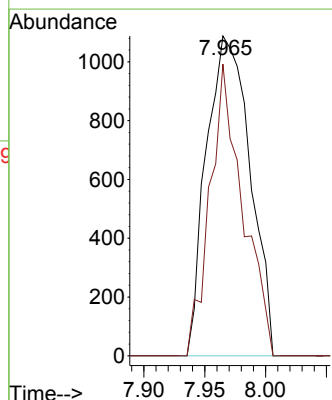
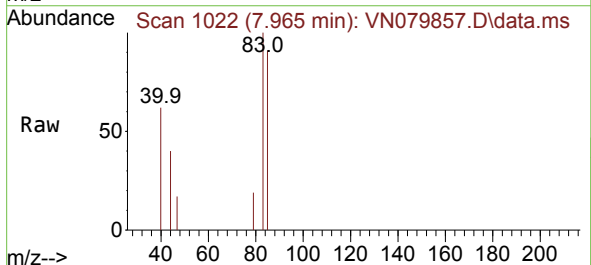
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

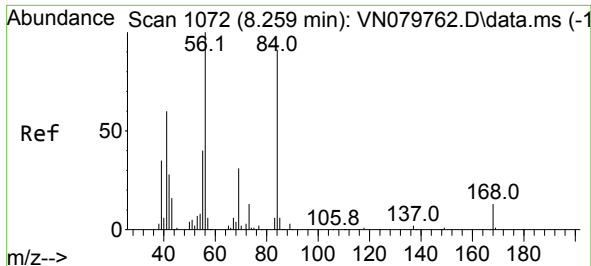
Tgt Ion: 42 Resp: 1605
Ion Ratio Lower Upper
42 100
72 31.1 49.8 74.6#
71 28.9 47.4 71.2#



#30
Chloroform
Concen: 0.421 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 83 Resp: 2715
Ion Ratio Lower Upper
83 100
85 91.2 55.4 83.0#

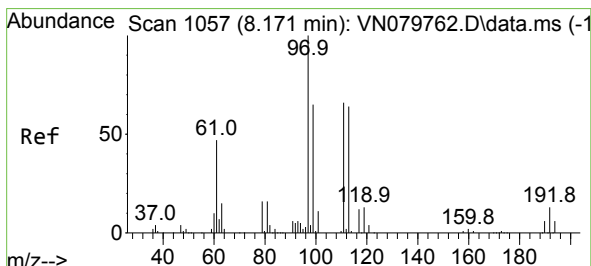
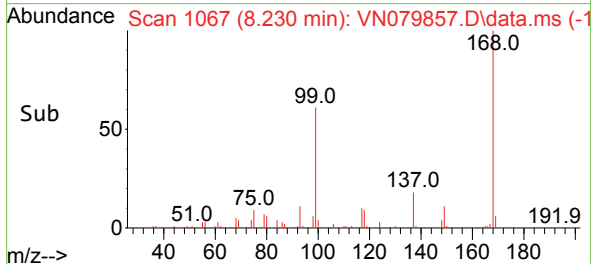
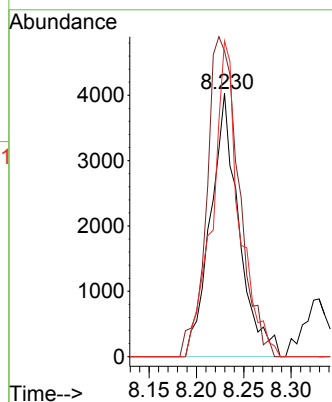
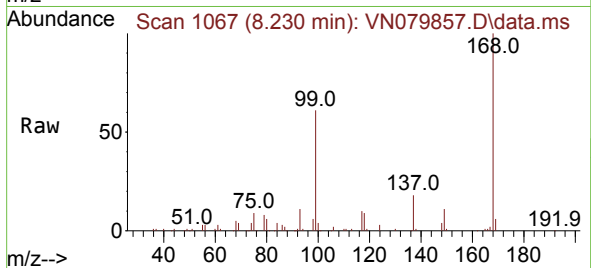




#31
Cyclohexane
Concen: 1.633 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

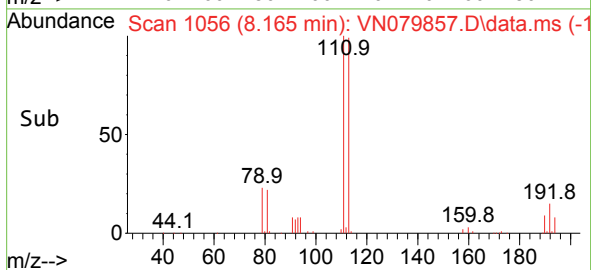
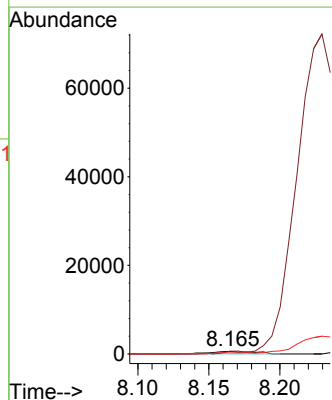
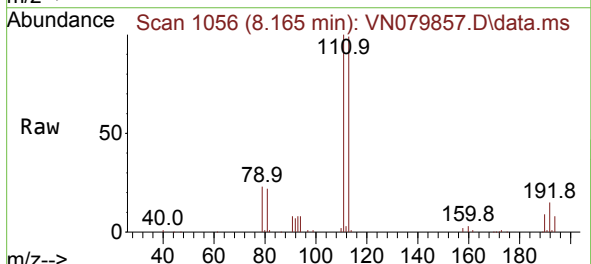
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

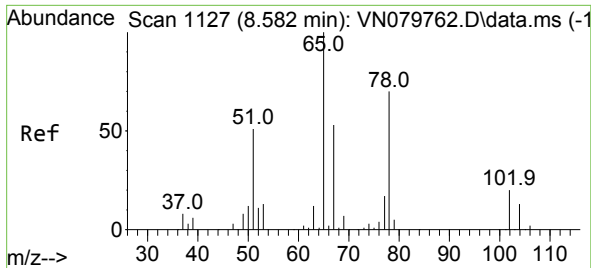
Tgt Ion: 56 Resp: 8403
Ion Ratio Lower Upper
56 100
69 116.1 26.8 40.2#
84 119.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 0.236 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 97 Resp: 1242
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 39.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 62.964 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

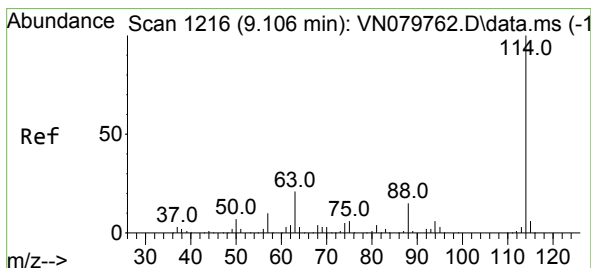
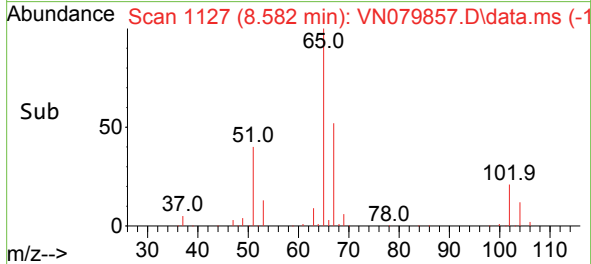
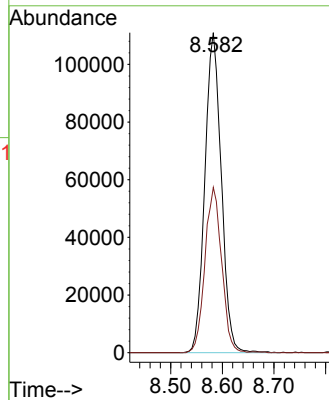
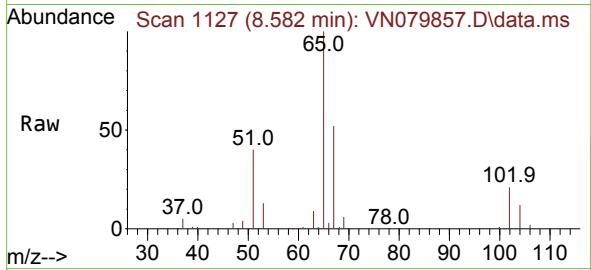
MDL-WATER-03-QT4-2023

Tgt Ion: 65 Resp: 245182

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

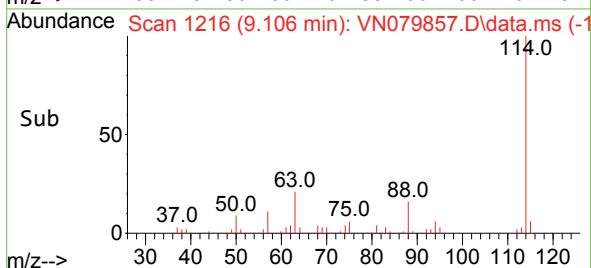
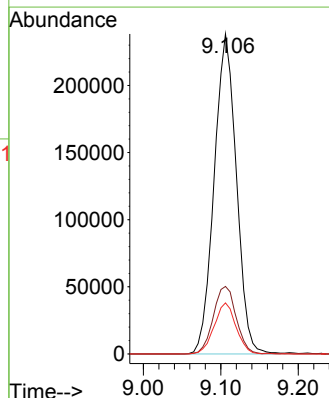
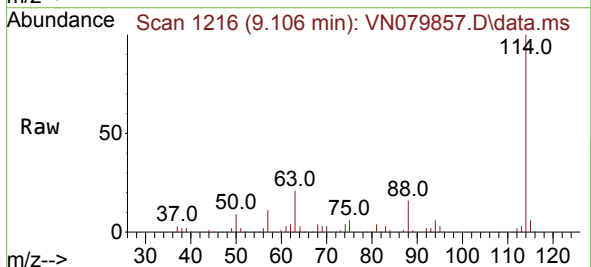
Tgt Ion: 114 Resp: 474774

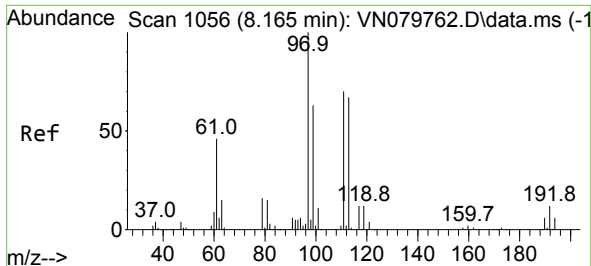
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 16.0 0.0 30.6

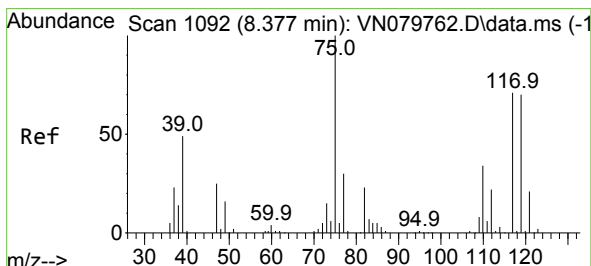
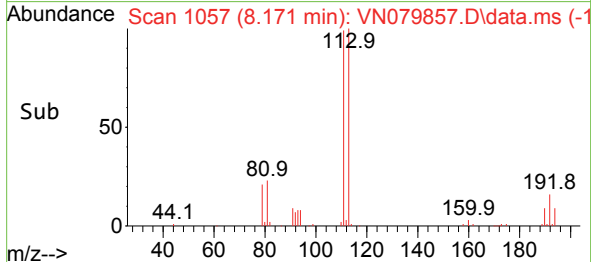
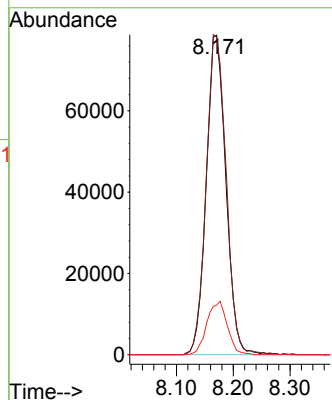
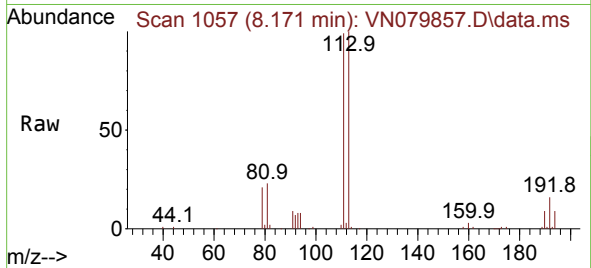




#35
Dibromofluoromethane
Concen: 55.943 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

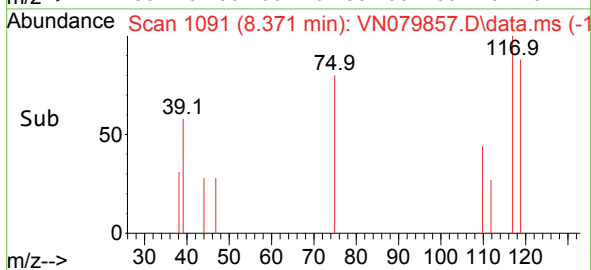
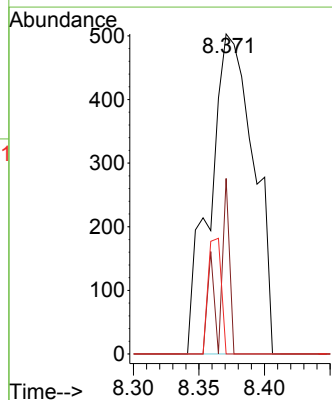
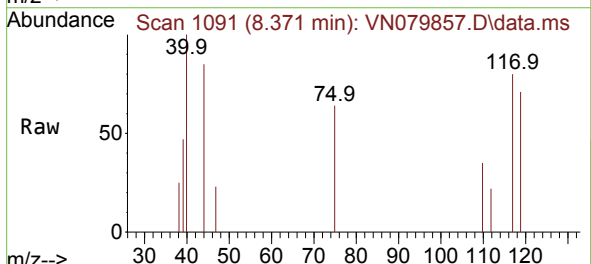
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

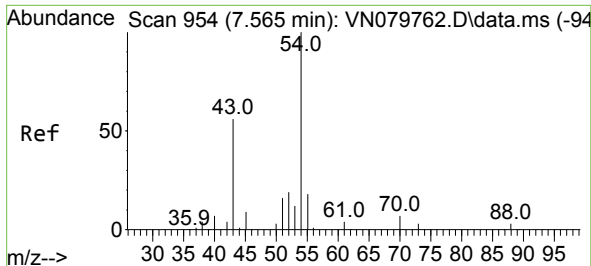
Tgt Ion:113 Resp: 187984
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 17.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 0.244 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 75 Resp: 1170
Ion Ratio Lower Upper
75 100
110 13.2 19.1 57.3#
77 10.9 25.0 37.4#

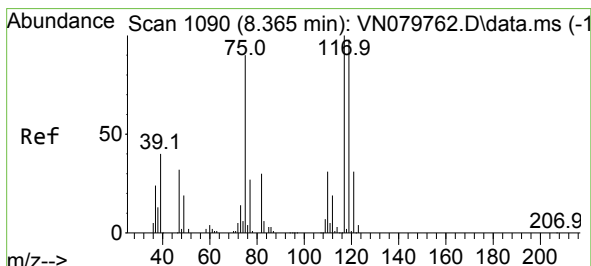
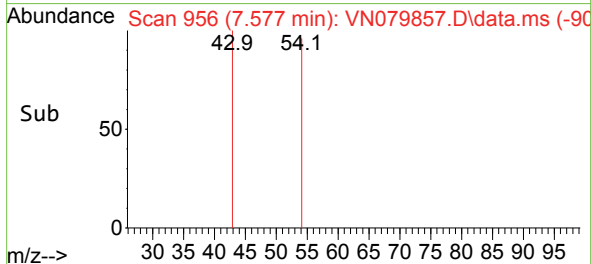
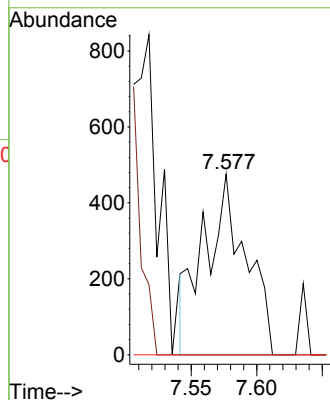
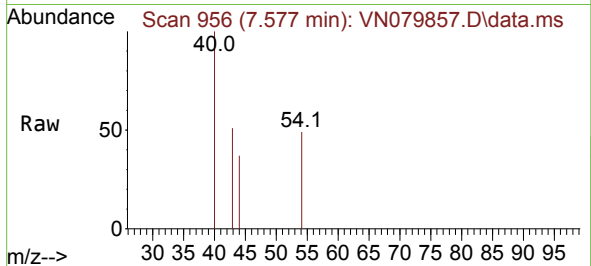




#37
Ethyl Acetate
Concen: 0.238 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

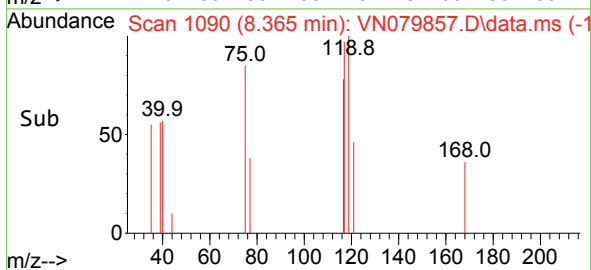
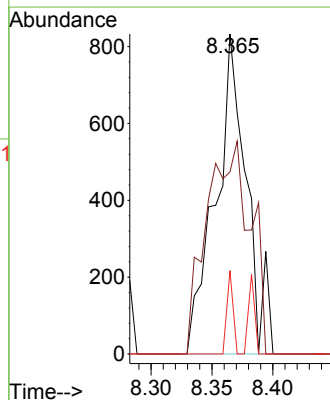
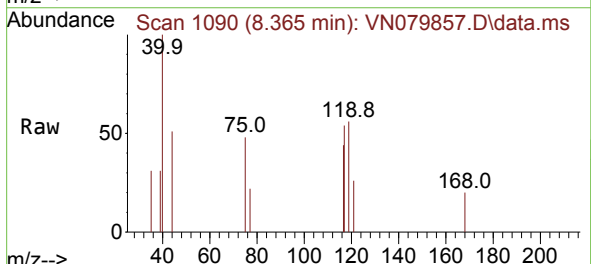
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

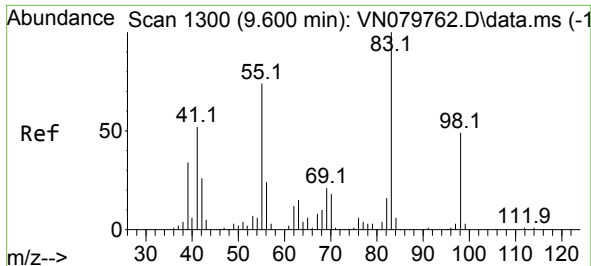
Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 0.303 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 117 Resp: 1466
Ion Ratio Lower Upper
117 100
119 56.9 77.3 115.9#
121 26.1 23.3 34.9





#39

Methylcyclohexane

Concen: 0.221 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

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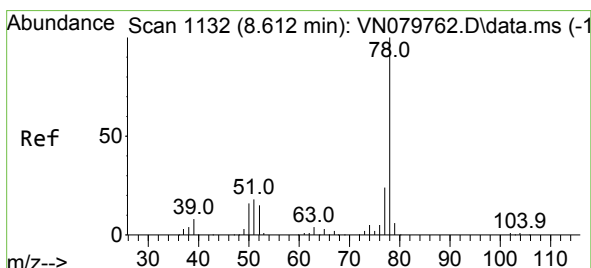
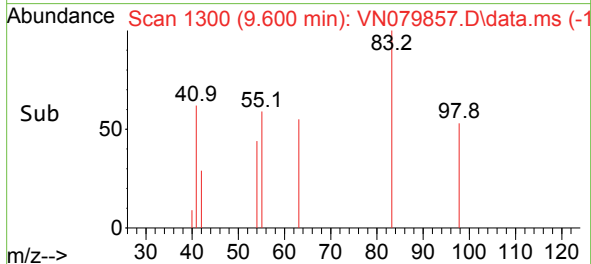
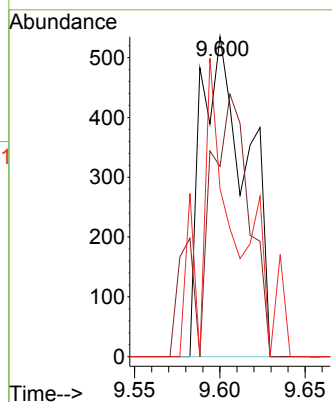
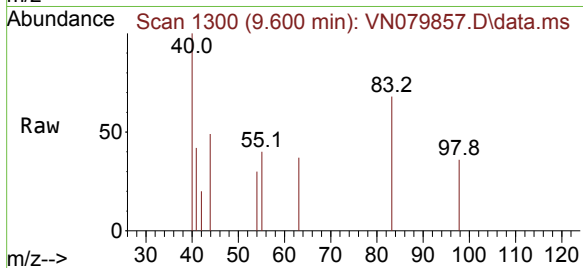
Tgt Ion: 83 Resp: 1000

Ion Ratio Lower Upper

83 100

55 59.4 49.1 73.7

98 52.5 40.6 61.0



#40

Benzene

Concen: 0.088 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VN079857.D

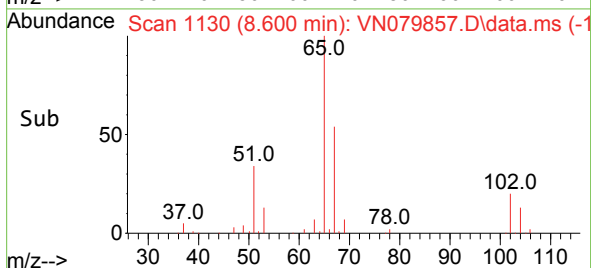
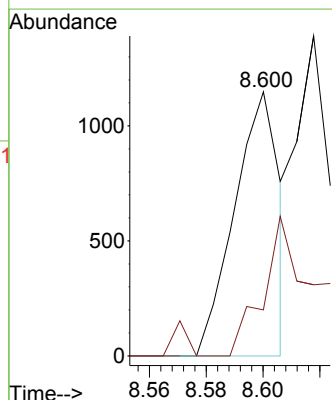
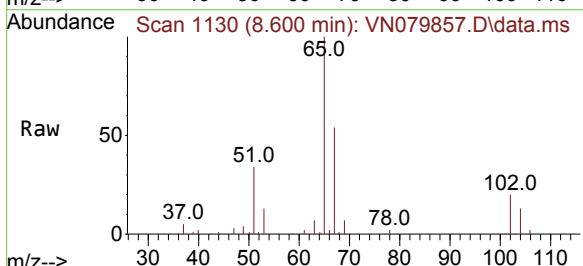
Acq: 03 Nov 2023 18:27

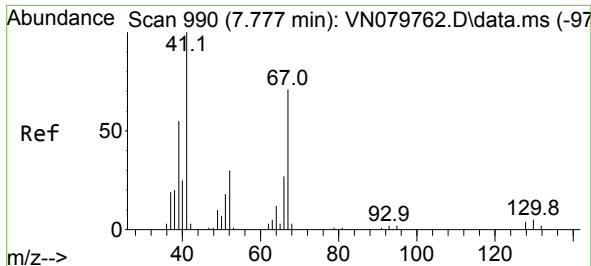
Tgt Ion: 78 Resp: 1266

Ion Ratio Lower Upper

78 100

77 4.1 19.0 28.6#

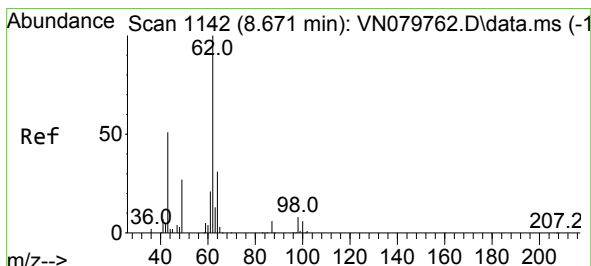
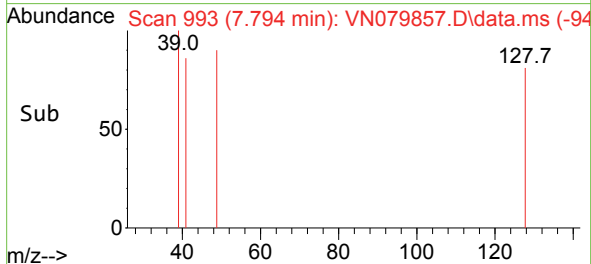
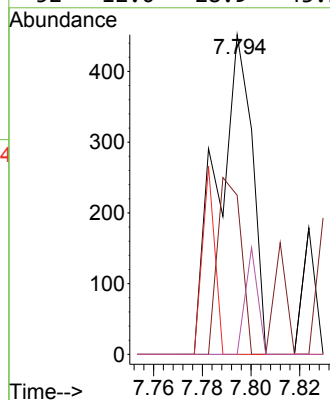
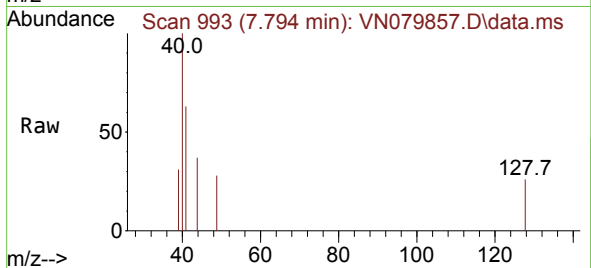




#41
Methacrylonitrile
Concen: 0.190 ug/l
RT: 7.794 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

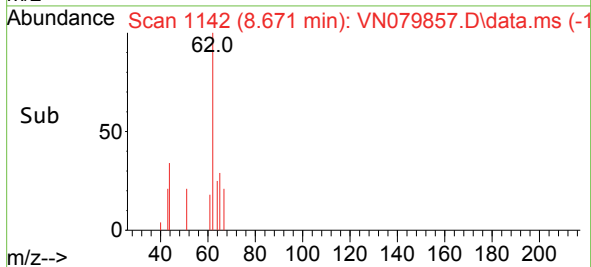
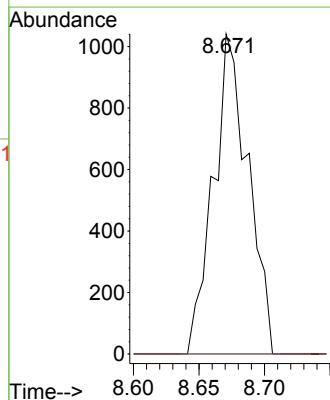
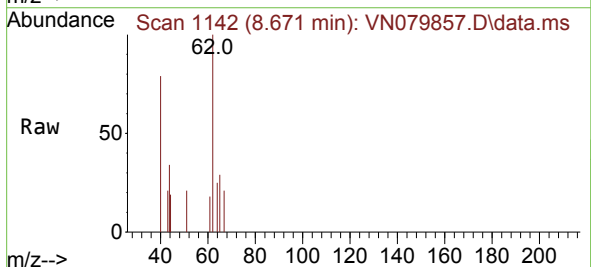
Instrument :
MSVOA_N
ClientSampleId :
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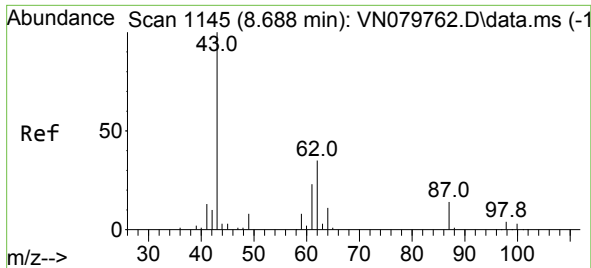
Tgt Ion:	41	Resp:	443
Ion	Ratio	Lower	Upper
41	100		
39	37.9	42.6	64.0#
67	21.2	77.5	116.3#
52	12.0	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 0.382 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion:	62	Resp:	1916
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.8

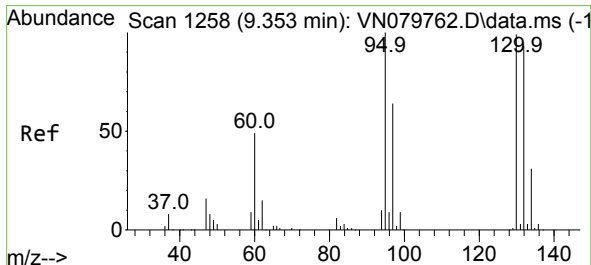
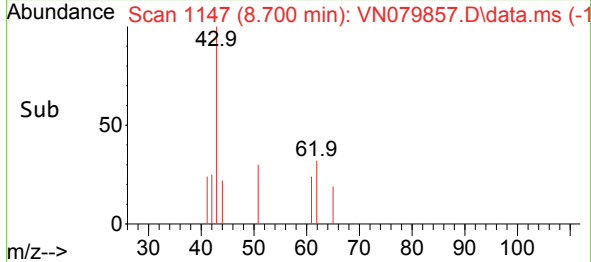
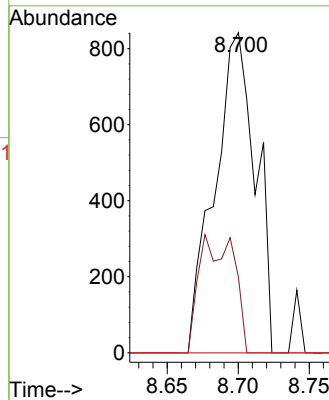
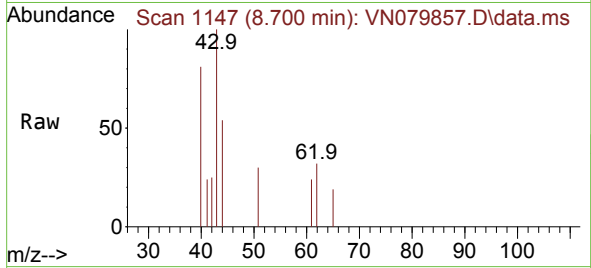




#43
Isopropyl Acetate
Concen: 0.219 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

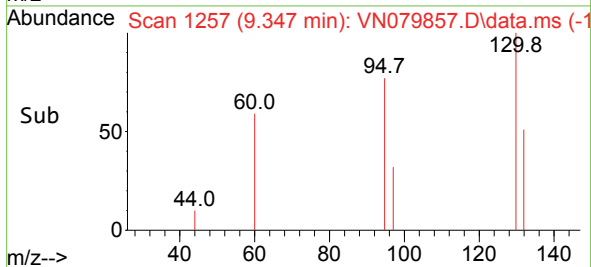
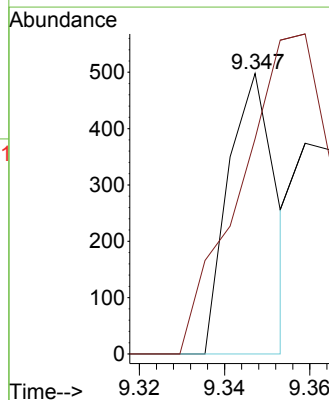
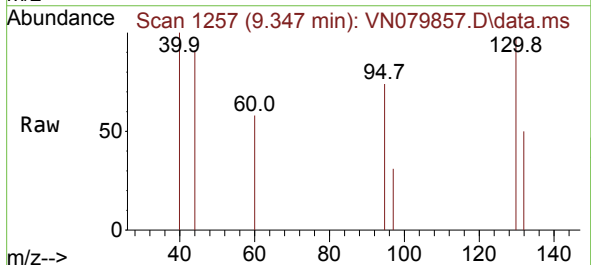
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

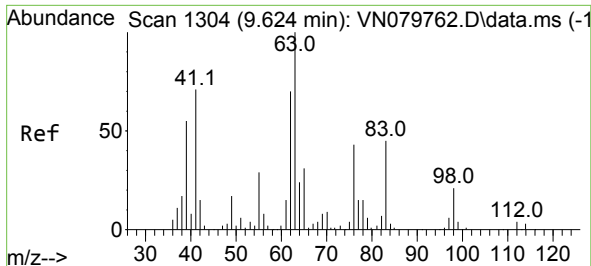
Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#44
Trichloroethene
Concen: 0.109 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion:130 Resp: 390
Ion Ratio Lower Upper
130 100
95 76.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.180 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

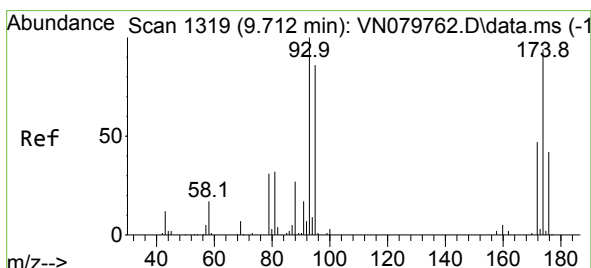
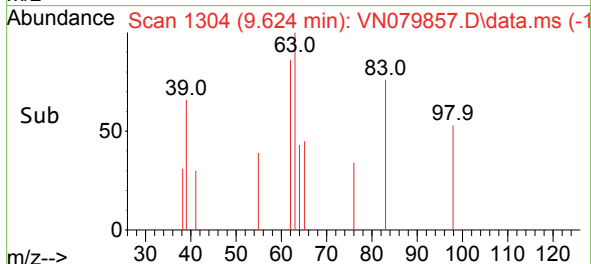
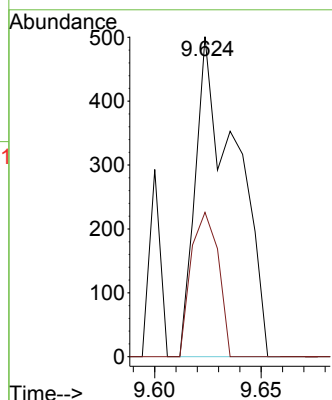
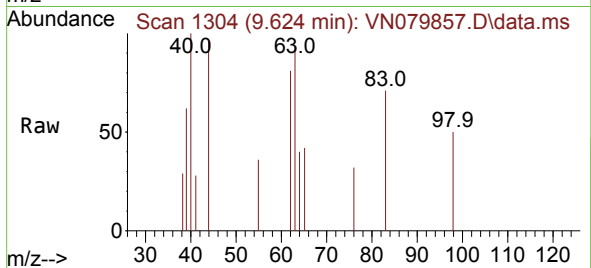
MDL-WATER-03-QT4-2023

Tgt Ion: 63 Resp: 661

Ion Ratio Lower Upper

63 100

65 45.1 23.9 35.9#



#46

Dibromomethane

Concen: 0.203 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

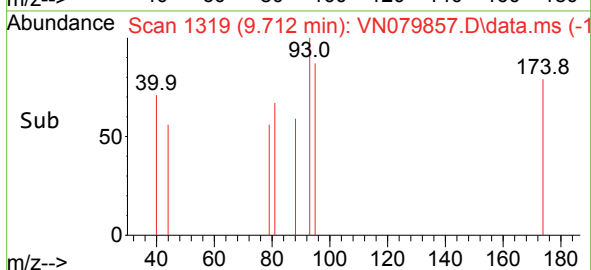
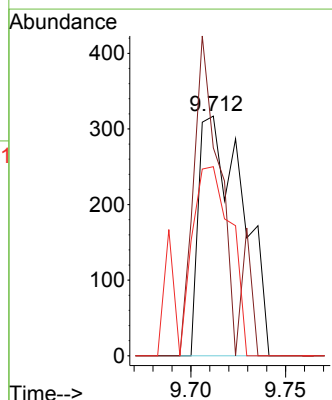
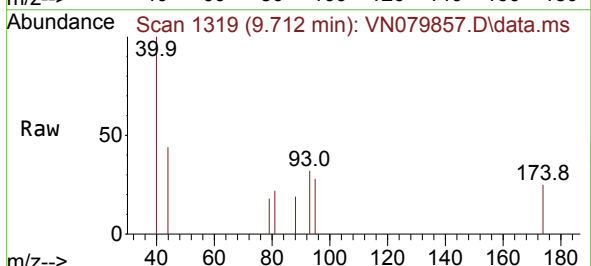
Tgt Ion: 93 Resp: 510

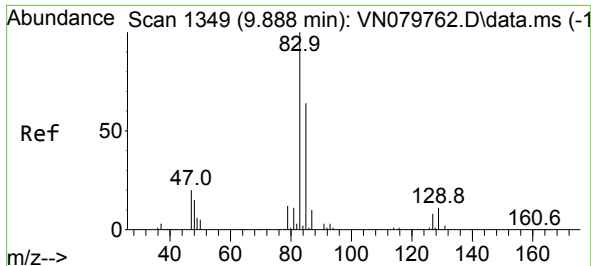
Ion Ratio Lower Upper

93 100

95 88.2 63.8 95.8

174 81.0 65.6 98.4

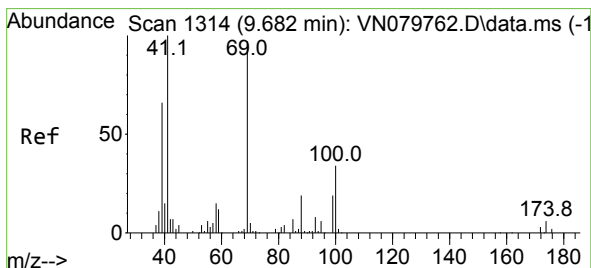
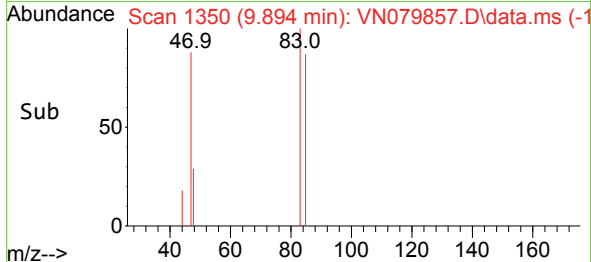
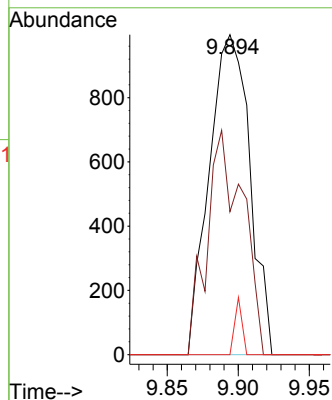
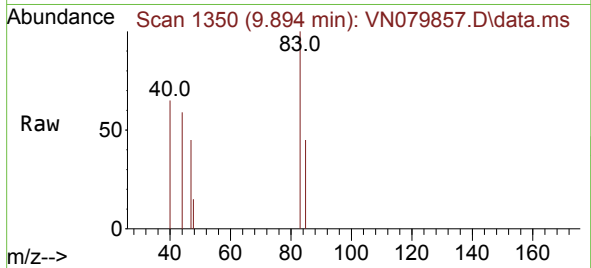




#47
Bromodichloromethane
Concen: 0.370 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

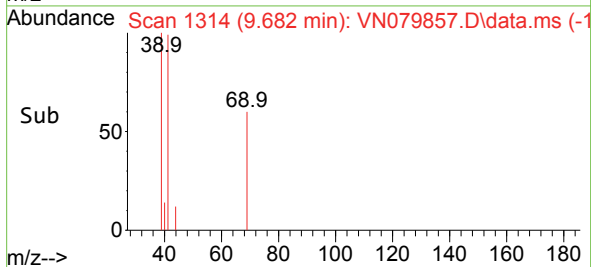
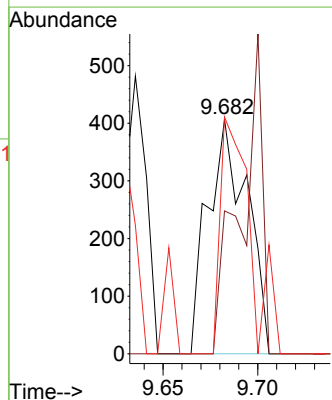
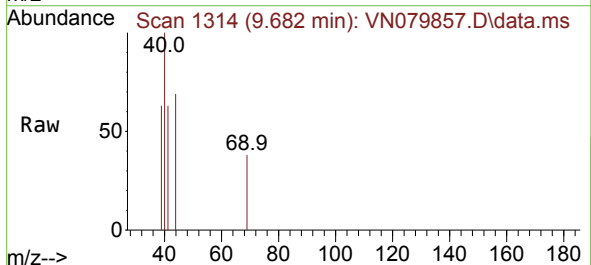
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

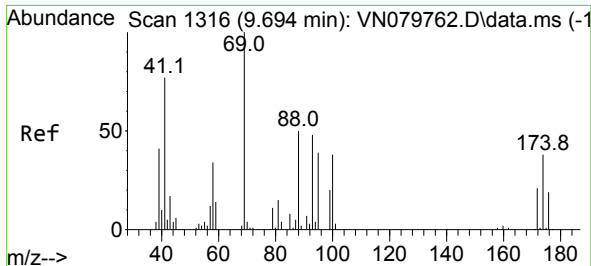
Tgt Ion: 83 Resp: 1981
Ion Ratio Lower Upper
83 100
85 44.7 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 0.174 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 41 Resp: 589
Ion Ratio Lower Upper
41 100
69 73.7 90.4 135.6#
39 76.9 54.6 81.8





#49

1,4-Dioxane

Concen: 1.105 ug/l

RT: 9.712 min Scan# 1

Delta R.T. 0.018 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

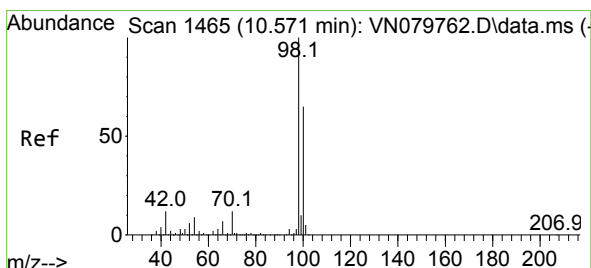
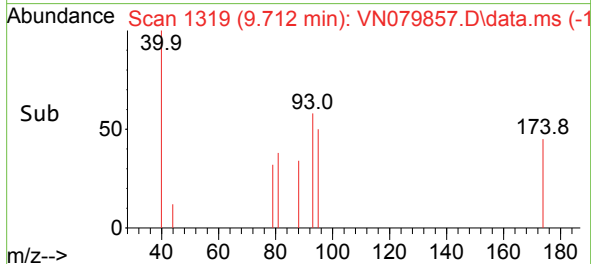
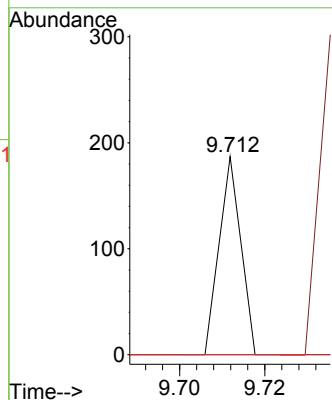
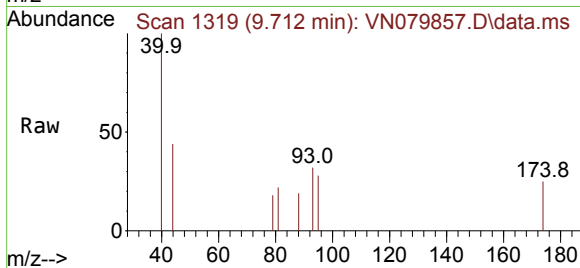
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 50.840 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079857.D

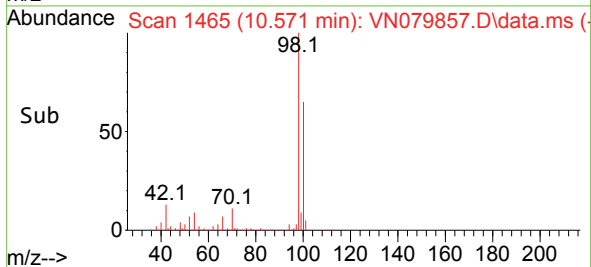
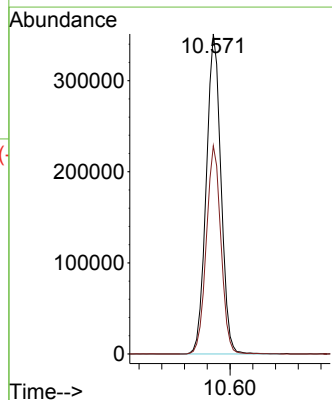
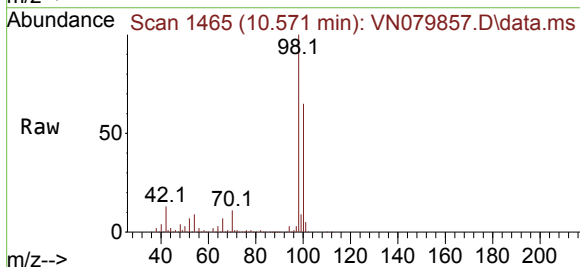
Acq: 03 Nov 2023 18:27

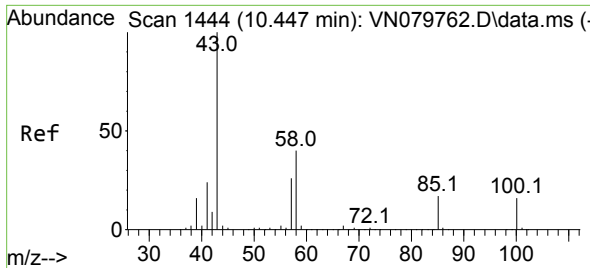
Tgt Ion: 98 Resp: 628901

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

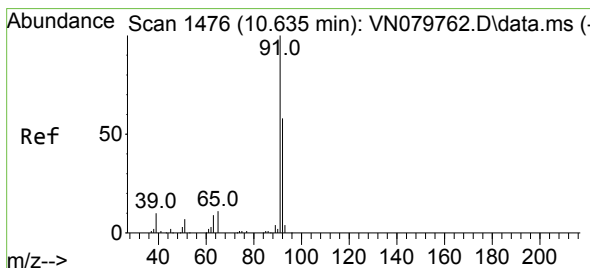
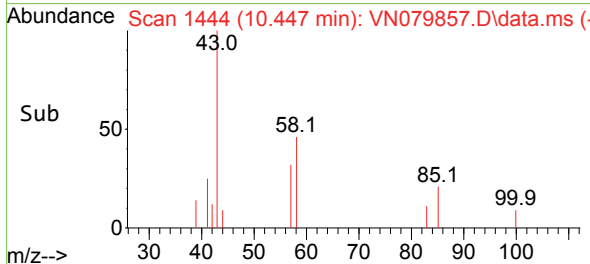
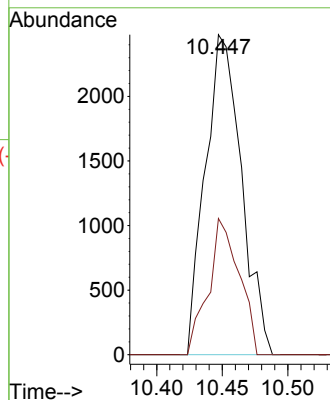
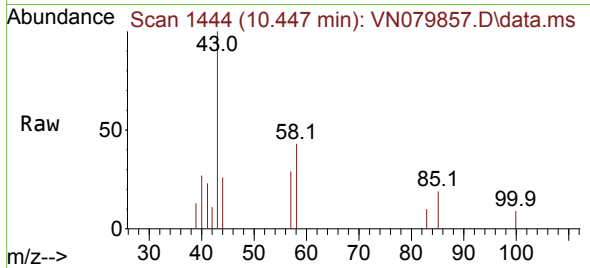




#51
4-Methyl-2-Pentanone
Concen: 1.095 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

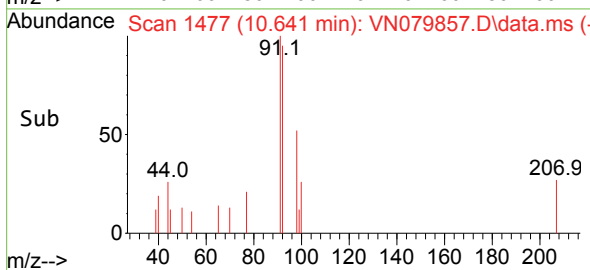
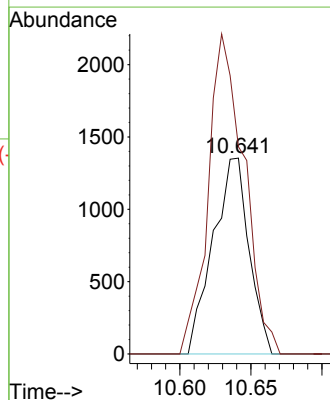
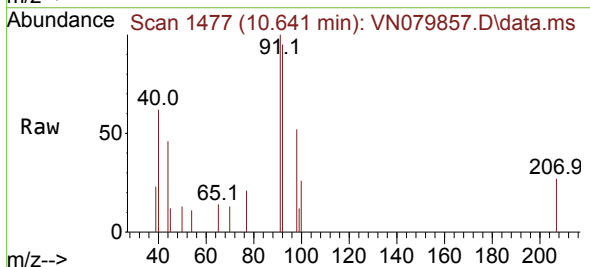
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

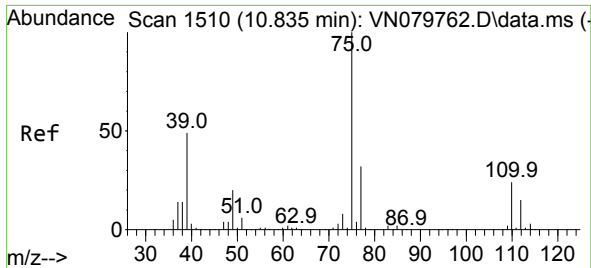
Tgt Ion: 43 Resp: 4759
Ion Ratio Lower Upper
43 100
58 36.1 36.6 54.8#



#52
Toluene
Concen: 0.280 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 92 Resp: 2385
Ion Ratio Lower Upper
92 100
91 162.9 137.4 206.0

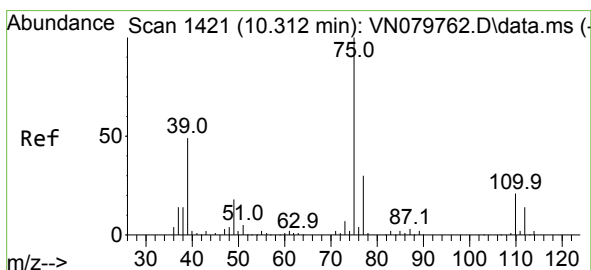
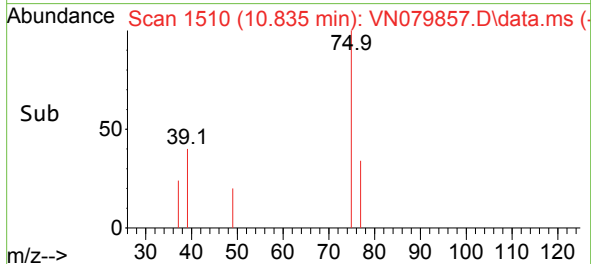
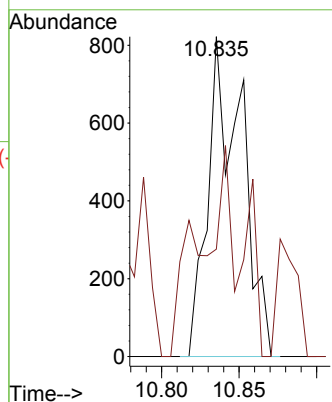
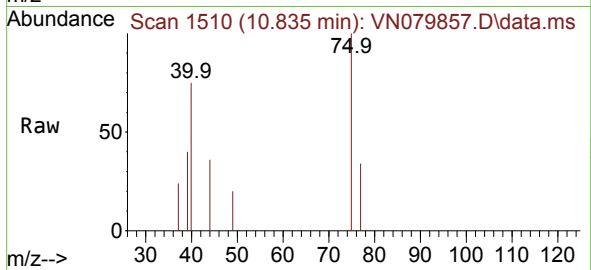




#53
 t-1,3-Dichloropropene
 Concen: 0.239 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN079857.D
 Acq: 03 Nov 2023 18:27

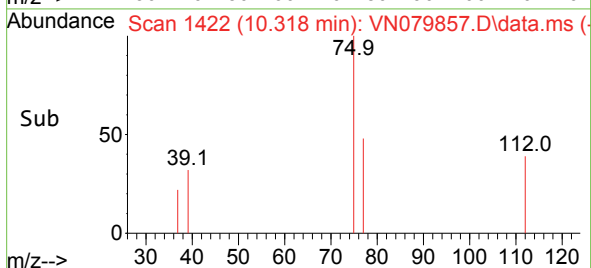
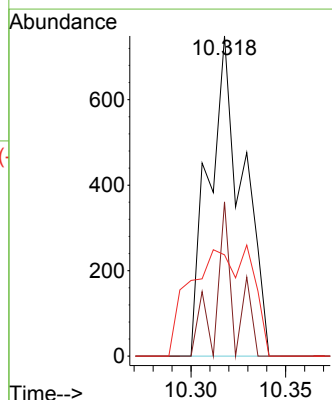
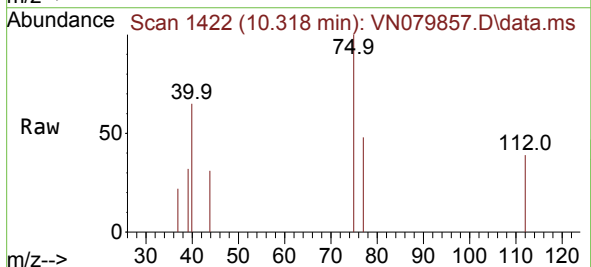
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023

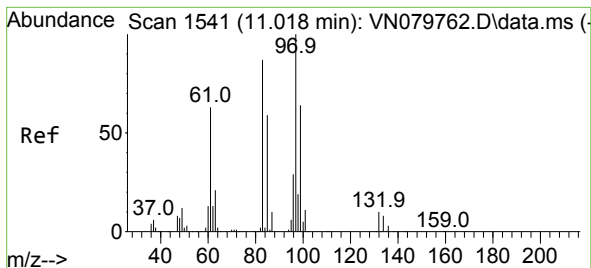
Tgt Ion: 75 Resp: 1254
 Ion Ratio Lower Upper
 75 100
 77 3.9 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 0.164 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079857.D
 Acq: 03 Nov 2023 18:27

Tgt Ion: 75 Resp: 939
 Ion Ratio Lower Upper
 75 100
 77 48.2 26.1 39.1#
 39 31.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 0.233 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 97 Resp: 798

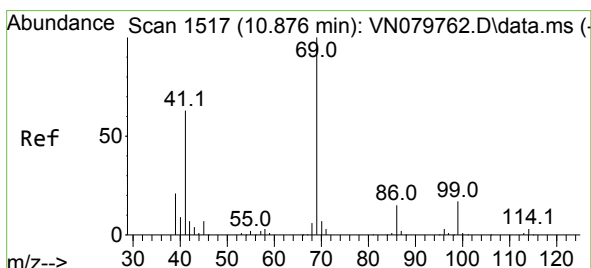
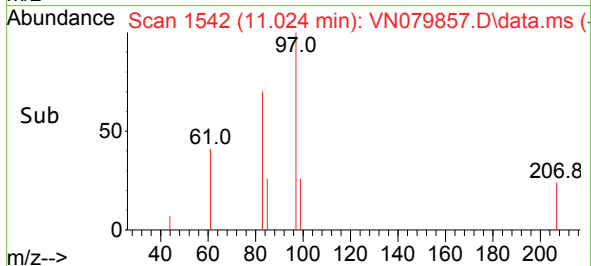
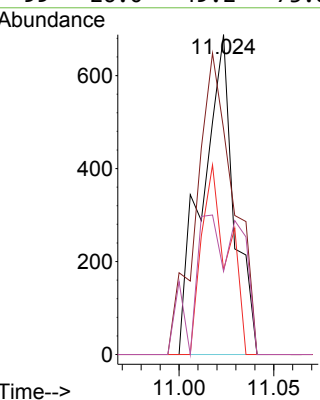
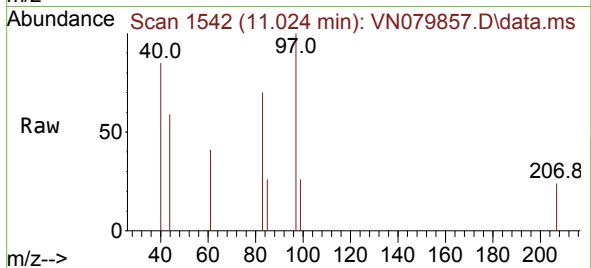
Ion Ratio Lower Upper

97 100

83 70.5 65.1 97.7

85 26.5 43.4 65.2#

99 26.0 49.2 73.8#



#56

Ethyl methacrylate

Concen: 0.158 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

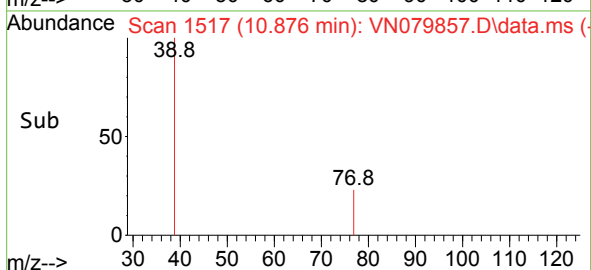
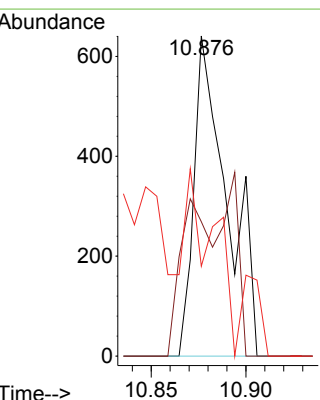
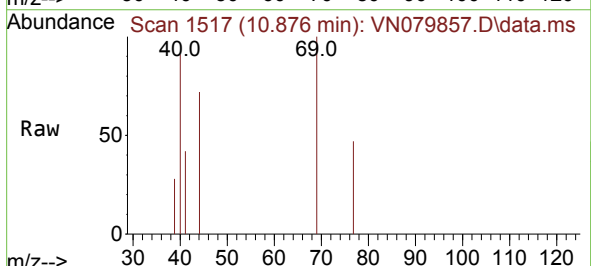
Tgt Ion: 69 Resp: 774

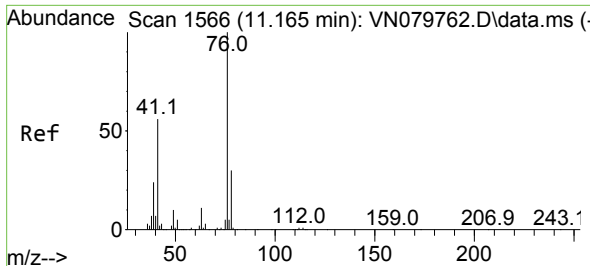
Ion Ratio Lower Upper

69 100

41 0.0 39.6 59.4#

39 49.7 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 0.232 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

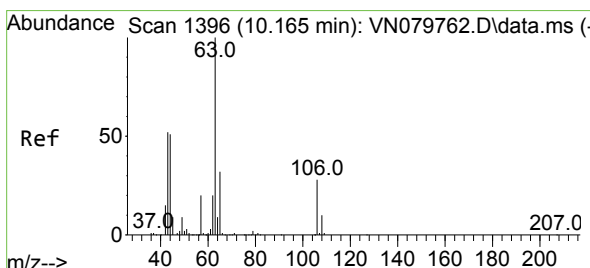
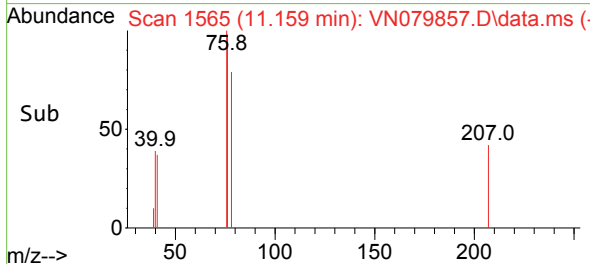
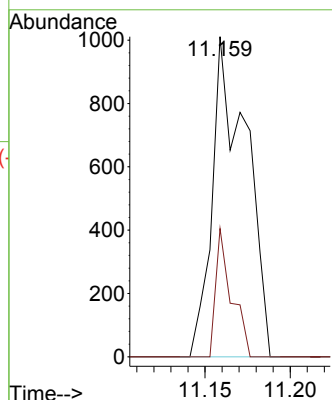
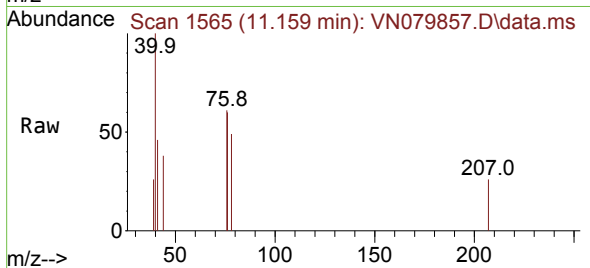
MDL-WATER-03-QT4-2023

Tgt Ion: 76 Resp: 1403

Ion Ratio Lower Upper

76 100

78 18.5 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.748 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN079857.D

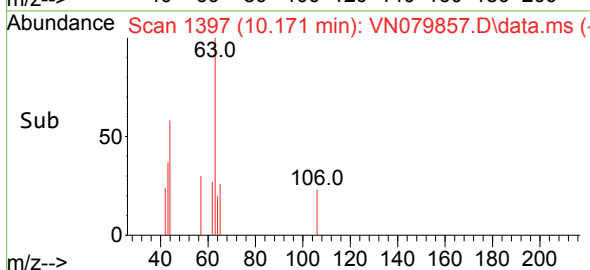
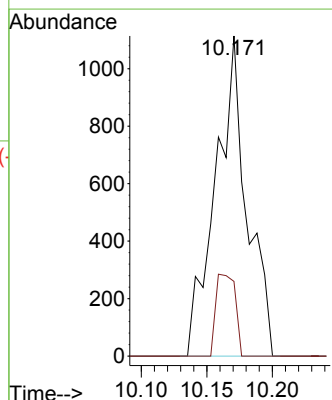
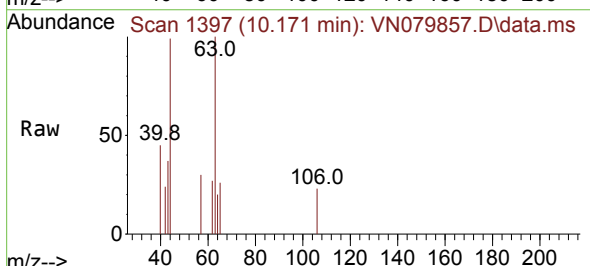
Acq: 03 Nov 2023 18:27

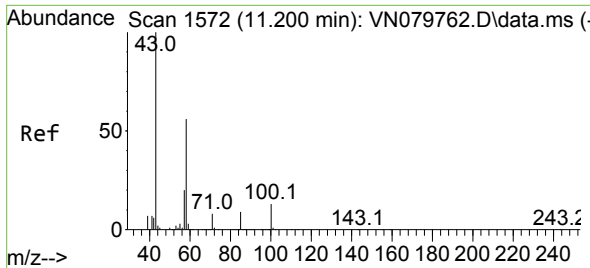
Tgt Ion: 63 Resp: 1853

Ion Ratio Lower Upper

63 100

106 15.7 26.2 39.4#

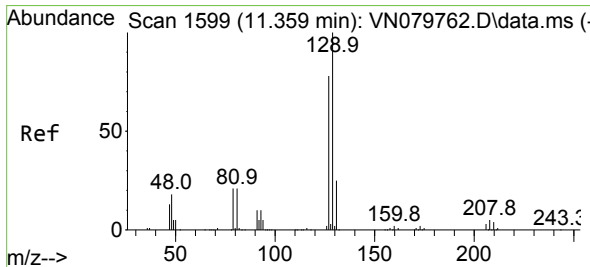
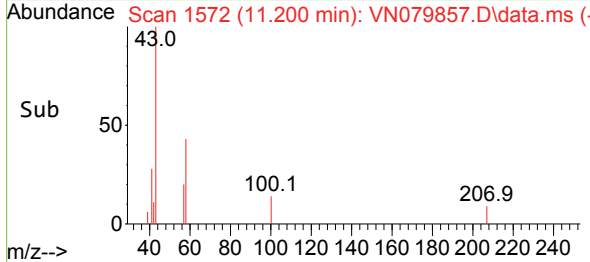
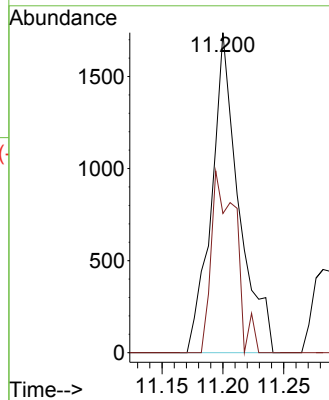
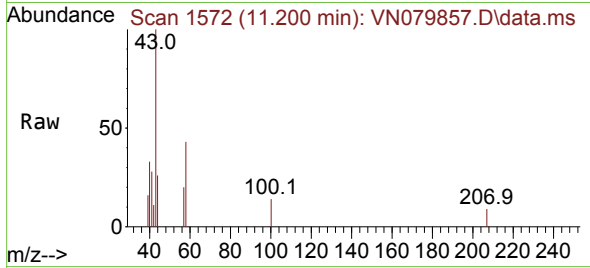




#59
2-Hexanone
Concen: 0.818 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

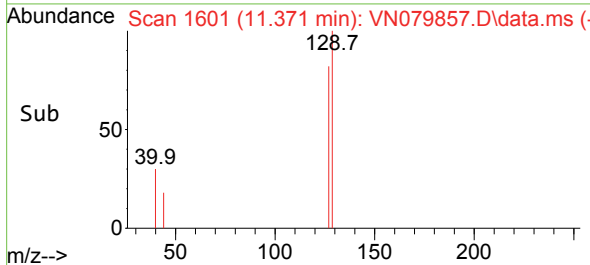
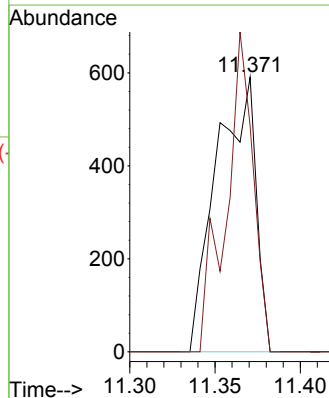
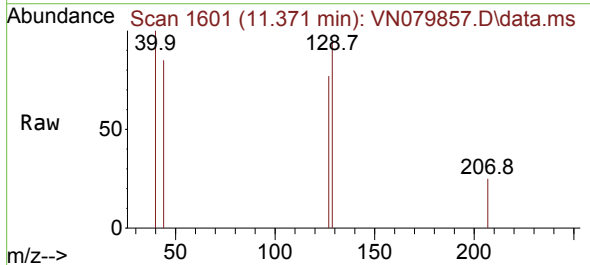
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

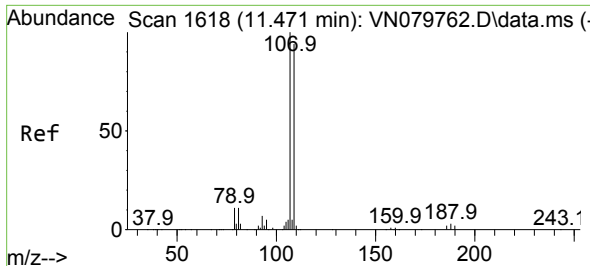
Tgt Ion: 43 Resp: 2718
Ion Ratio Lower Upper
43 100
58 50.4 31.7 95.1



#60
Dibromochloromethane
Concen: 0.260 ug/l
RT: 11.371 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 129 Resp: 952
Ion Ratio Lower Upper
129 100
127 80.0 38.6 116.0

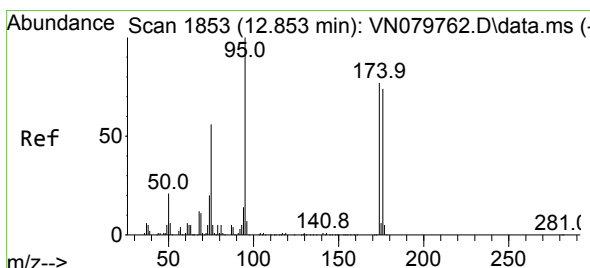
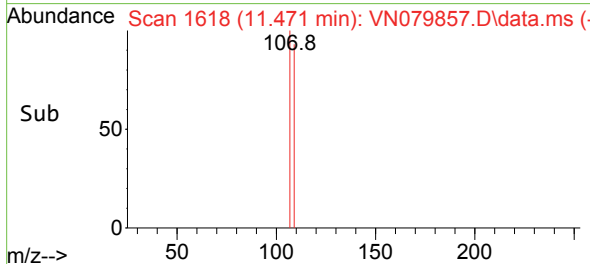
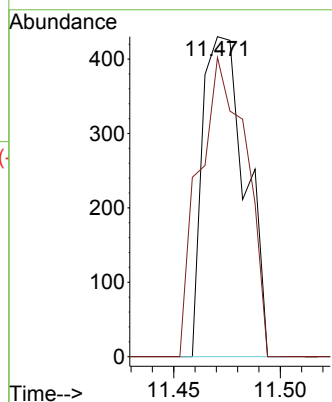
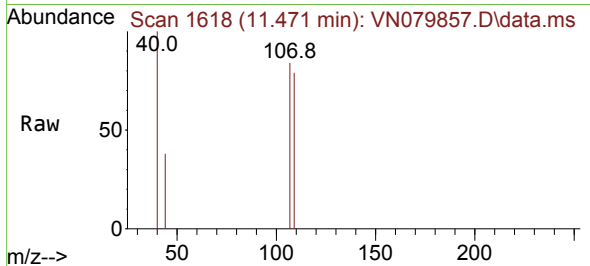




#61
1,2-Dibromoethane
Concen: 0.174 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

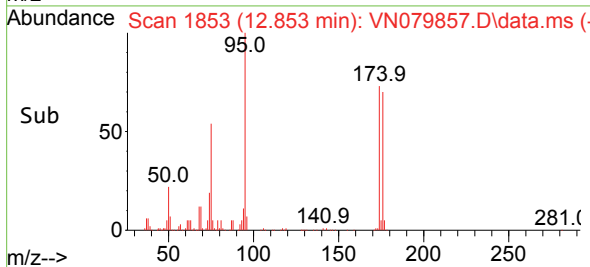
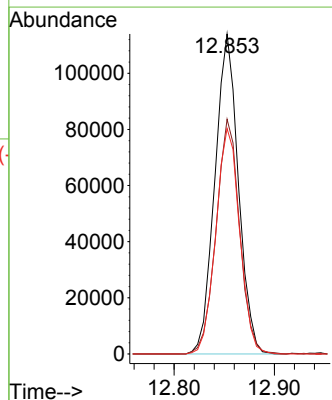
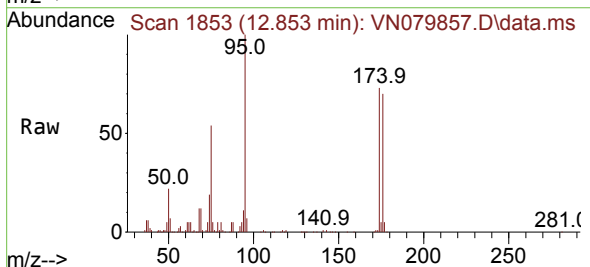
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

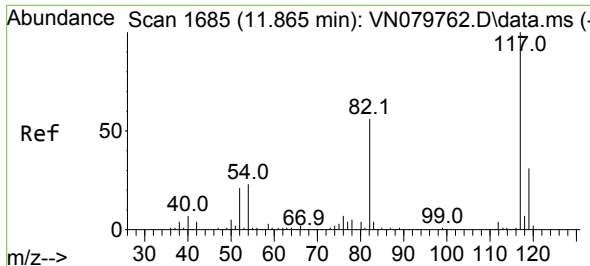
Tgt Ion:107 Resp: 599
Ion Ratio Lower Upper
107 100
109 103.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 45.164 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 95 Resp: 185289
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 71.5 0.0 135.8

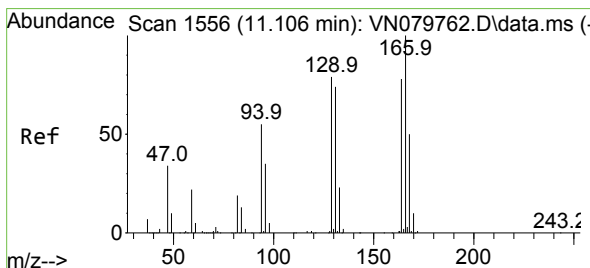
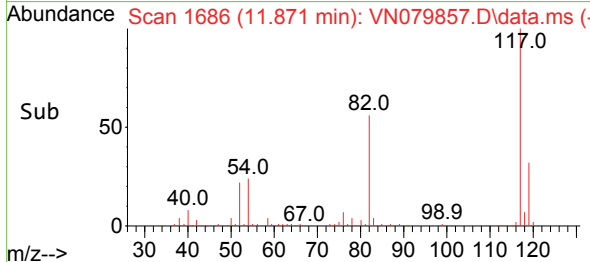
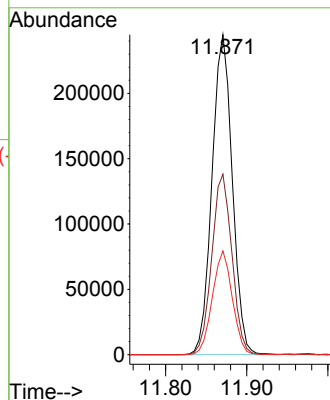
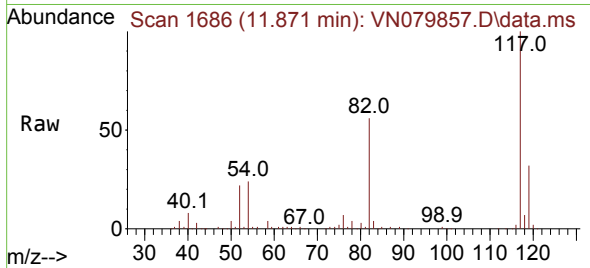




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

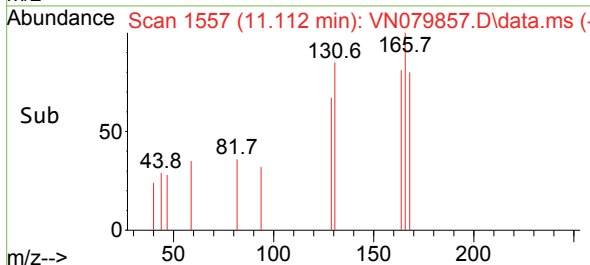
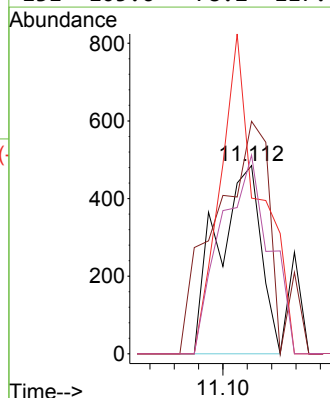
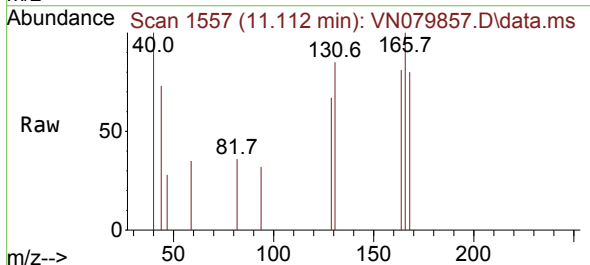
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

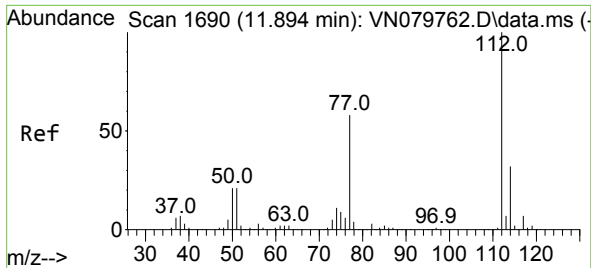
Tgt Ion:117 Resp: 425388
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 0.217 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion:164 Resp: 599
Ion Ratio Lower Upper
164 100
166 123.5 101.4 152.0
129 82.7 82.4 123.6
131 105.6 78.2 117.4

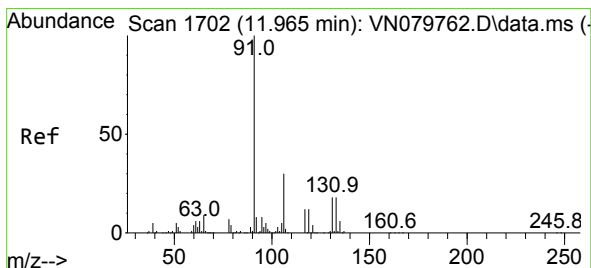
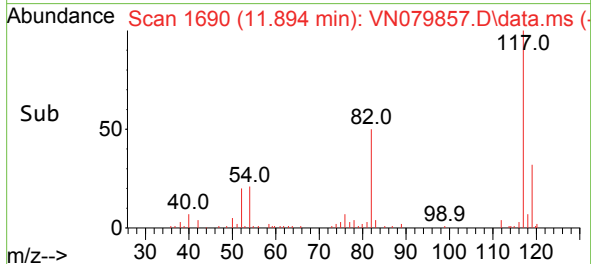
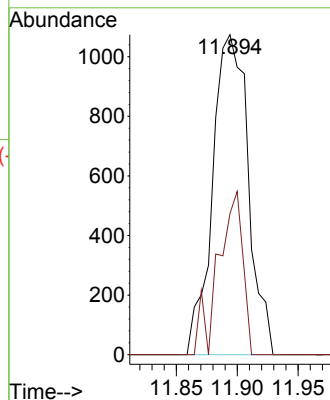
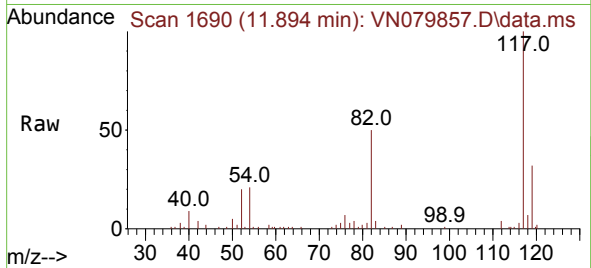




#65
Chlorobenzene
Concen: 0.237 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

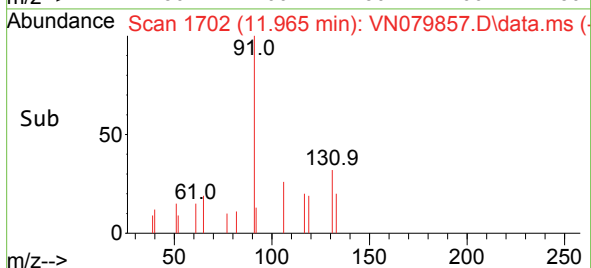
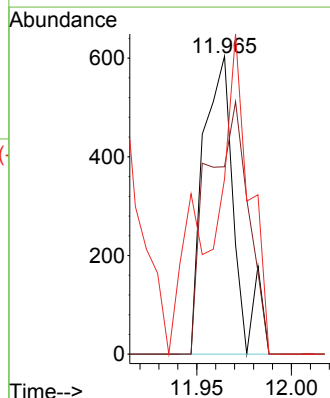
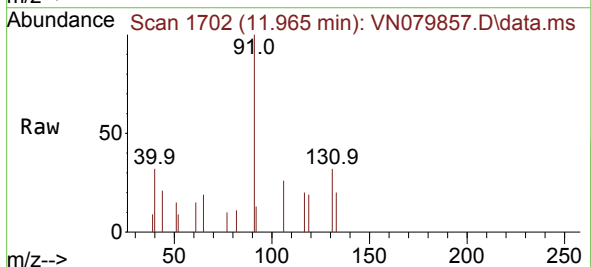
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

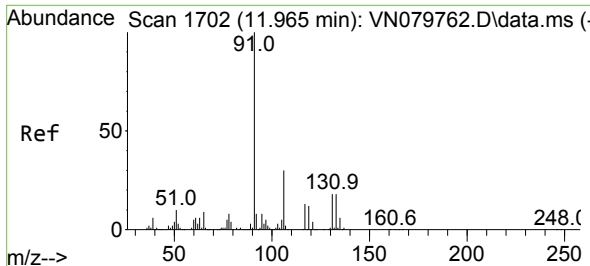
Tgt Ion:112 Resp: 2190
Ion Ratio Lower Upper
112 100
114 44.1 25.0 37.4#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.208 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion:131 Resp: 693
Ion Ratio Lower Upper
131 100
133 108.9 46.4 139.1
119 0.0 34.1 102.2#

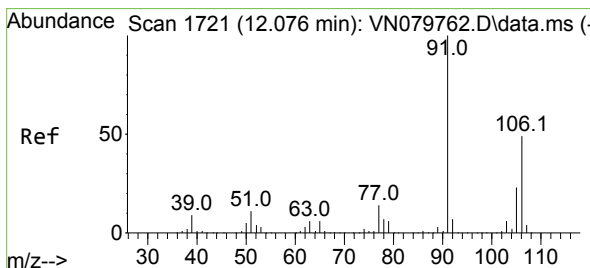
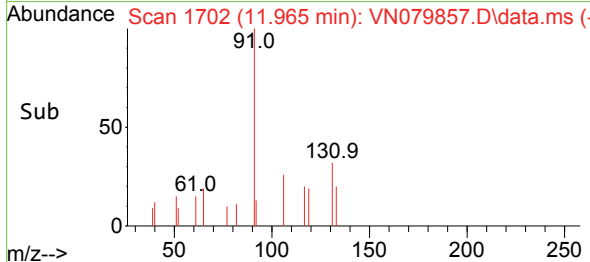
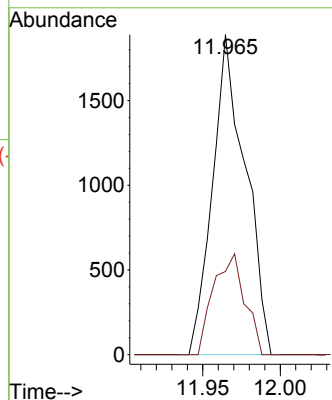
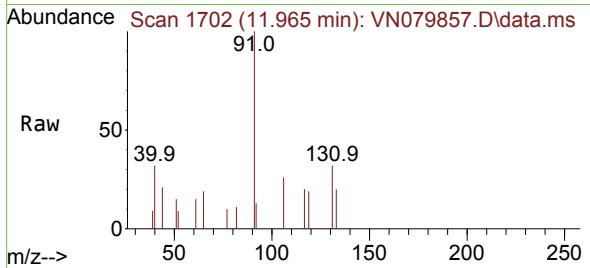




#67
Ethyl Benzene
Concen: 0.173 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

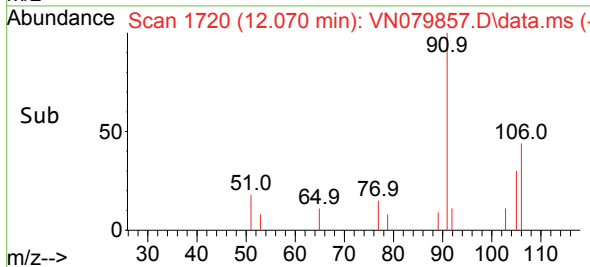
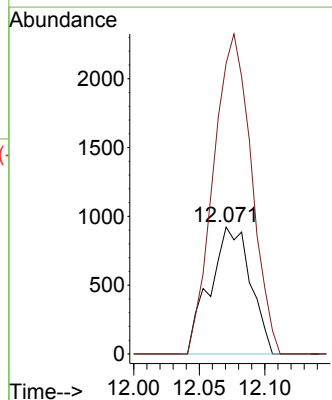
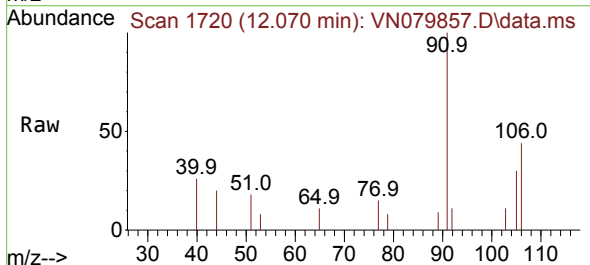
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

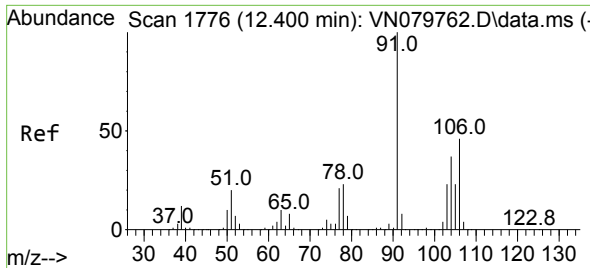
Tgt Ion: 91 Resp: 2778
Ion Ratio Lower Upper
91 100
106 26.0 25.6 38.4



#68
m/p-Xylenes
Concen: 0.331 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 106 Resp: 1982
Ion Ratio Lower Upper
106 100
91 236.0 159.6 239.4

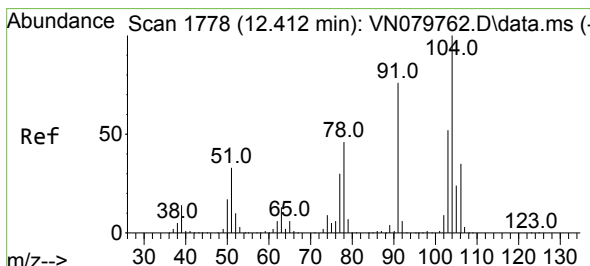
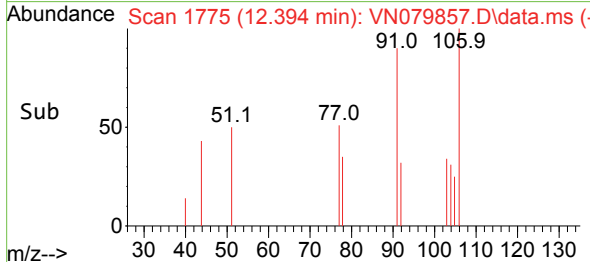
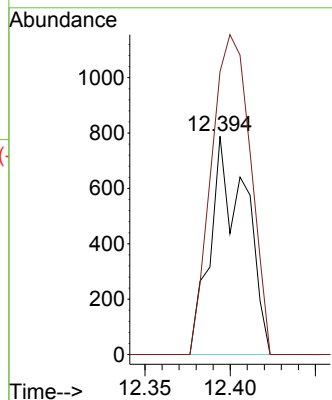
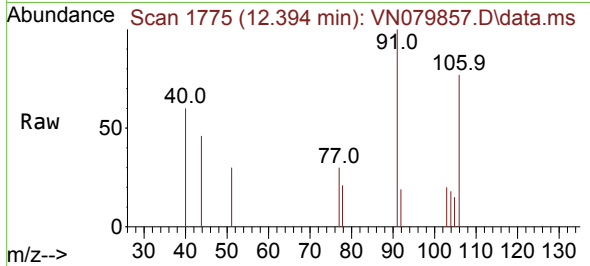




#69
o-Xylene
Concen: 0.197 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

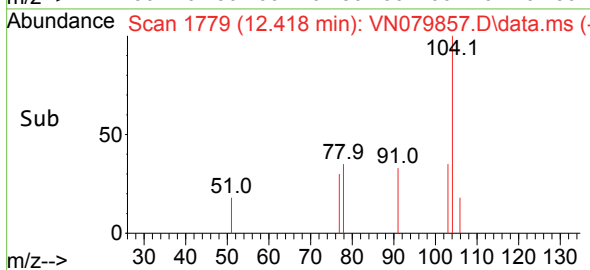
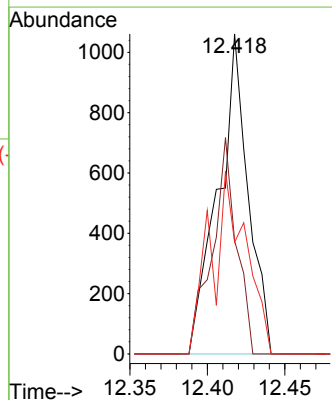
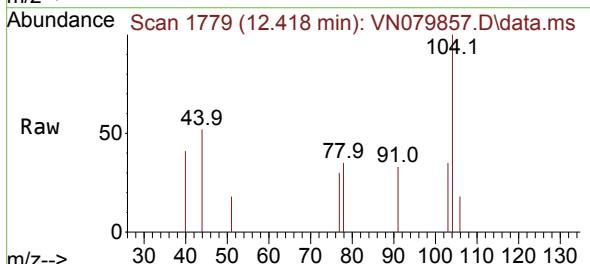
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

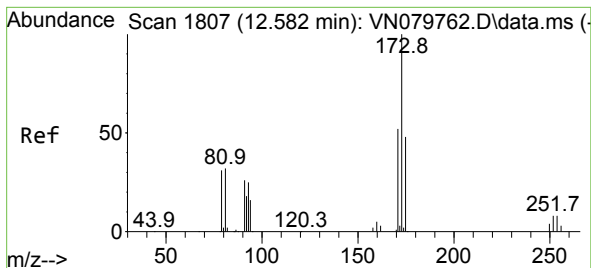
Tgt Ion:106 Resp: 1135
Ion Ratio Lower Upper
106 100
91 162.5 105.2 315.5



#70
Styrene
Concen: 0.154 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion:104 Resp: 1423
Ion Ratio Lower Upper
104 100
78 54.7 39.5 59.3
103 66.5 43.2 64.8#





#71

Bromoform

Concen: 0.154 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

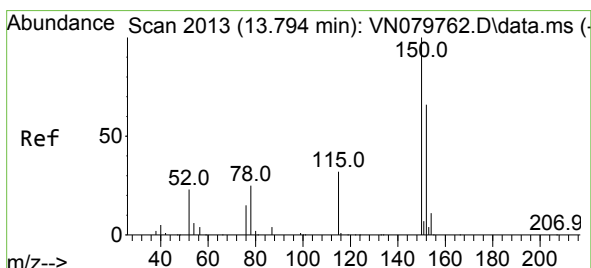
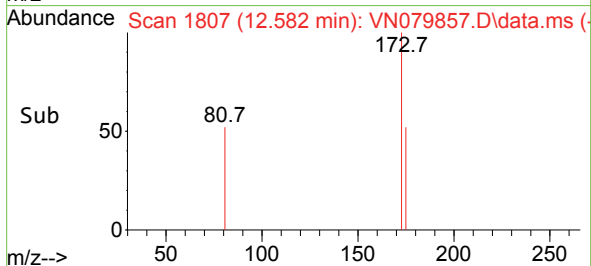
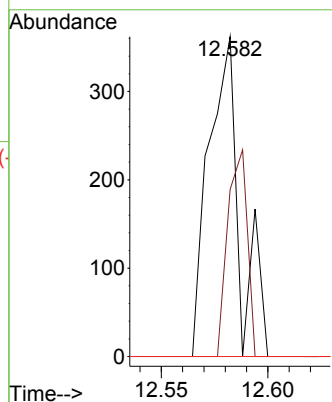
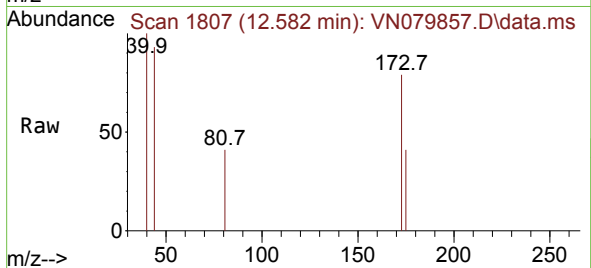
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:173	Resp:	364
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.3
254	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

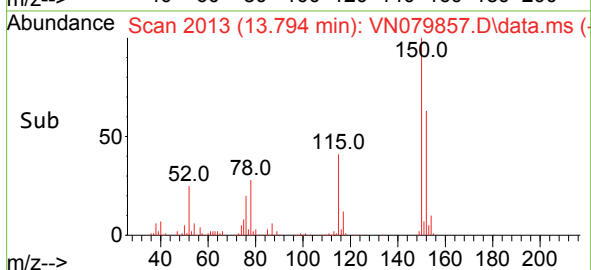
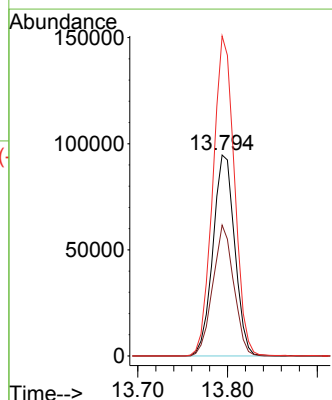
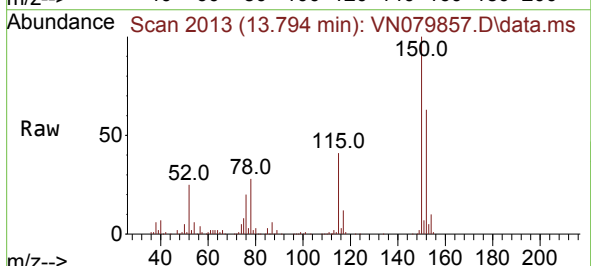
RT: 13.794 min Scan# 2013

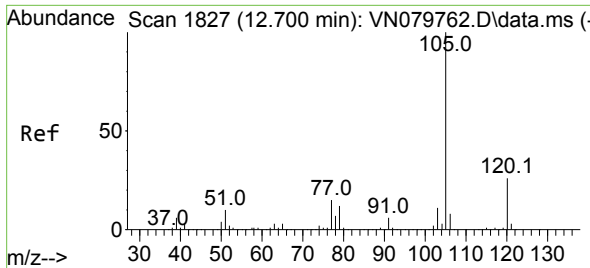
Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Tgt Ion:152	Resp:	159369
Ion Ratio	Lower	Upper
152	100	
115	62.5	32.3
150	157.9	0.0

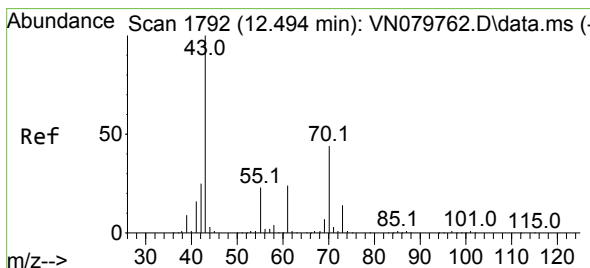
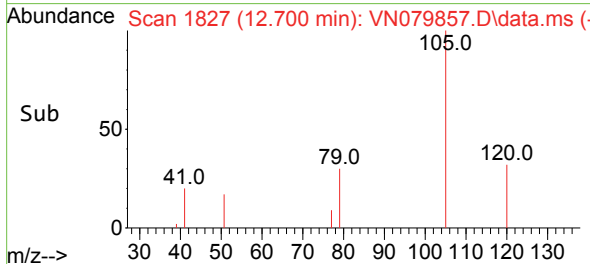
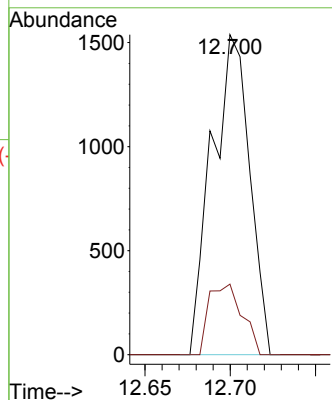
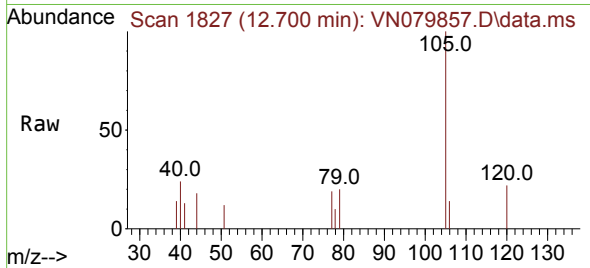




#73
Isopropylbenzene
Concen: 0.196 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

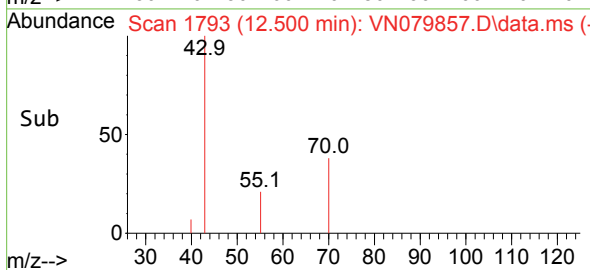
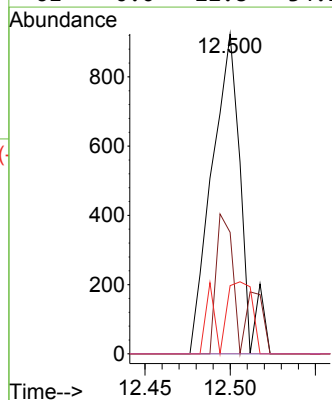
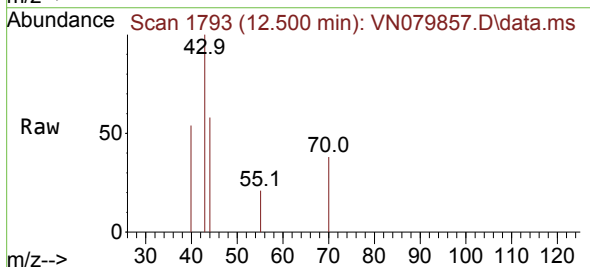
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

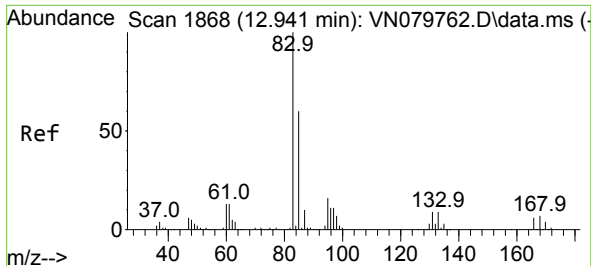
Tgt Ion:105 Resp: 2367
Ion Ratio Lower Upper
105 100
120 19.3 13.1 39.1



#74
N-ethyl acetate
Concen: 0.208 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
70 35.5 43.4 65.2#
55 25.8 21.4 32.0
61 0.0 22.8 34.2#

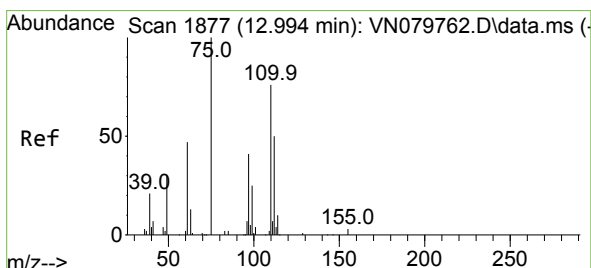
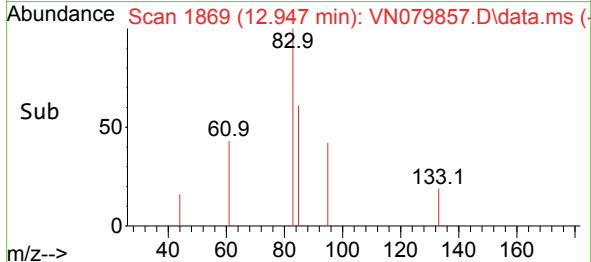
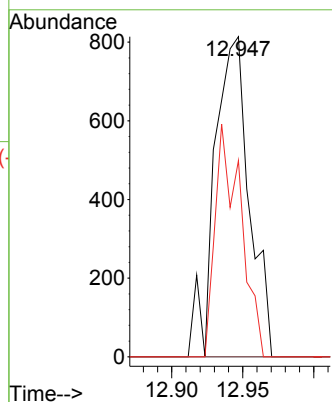
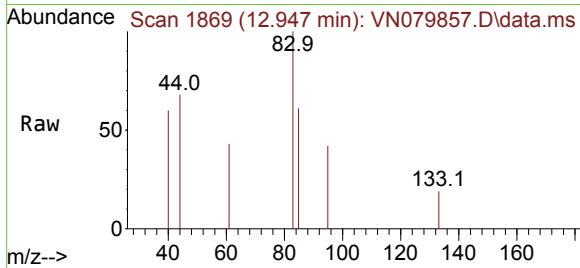




#75
1,1,2,2-Tetrachloroethane
Concen: 0.323 ug/l
RT: 12.947 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

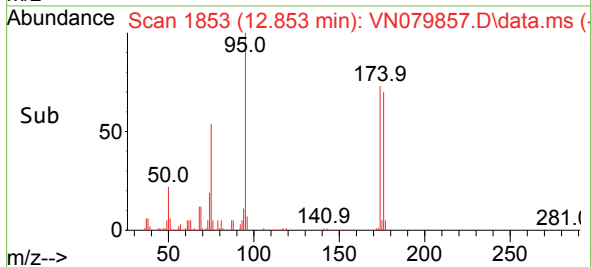
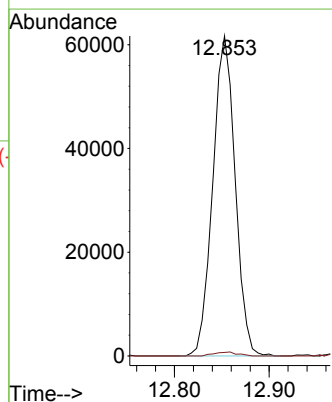
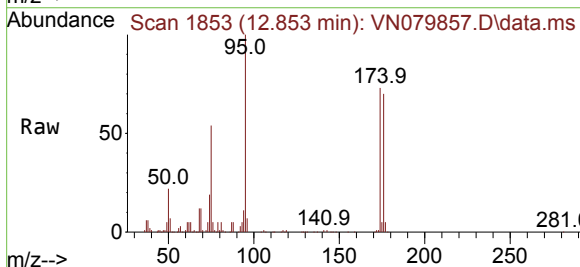
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2023

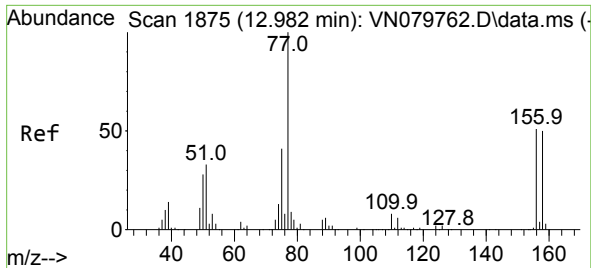
Tgt Ion: 83 Resp: 1387
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 53.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 27.033 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

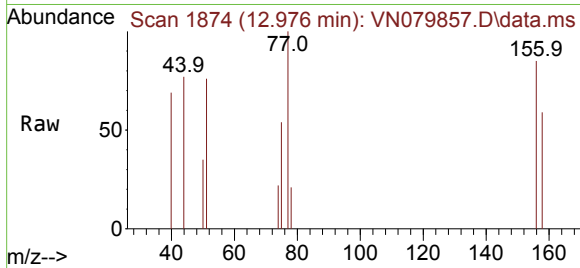
Tgt Ion: 75 Resp: 101146
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



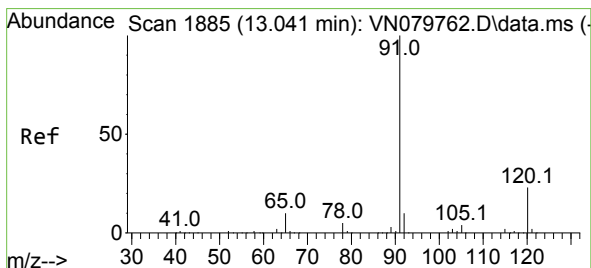
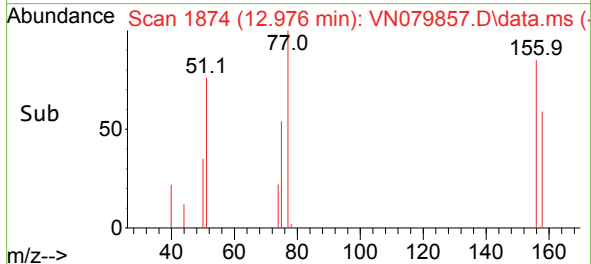
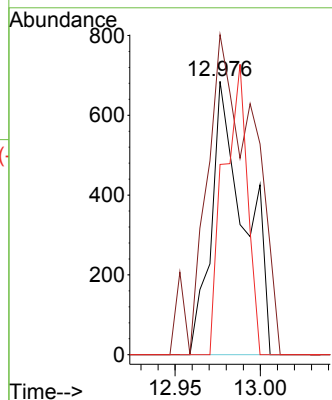


#77
Bromobenzene
Concen: 0.313 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

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

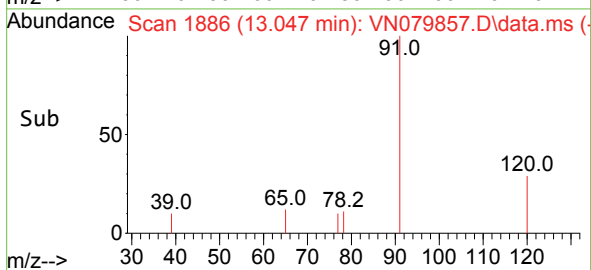
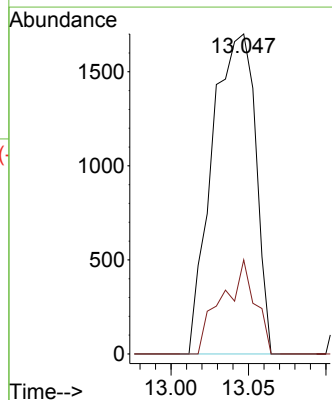
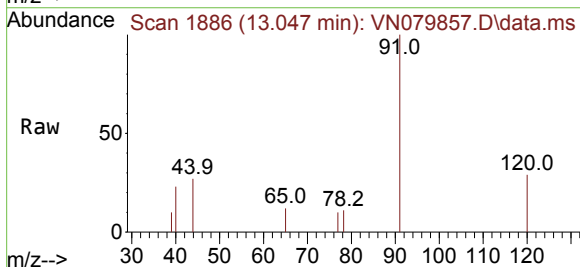


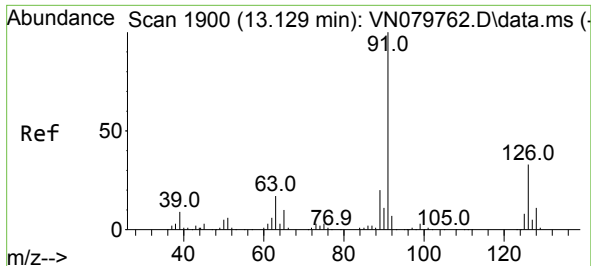
Tgt Ion:156 Resp: 927
Ion Ratio Lower Upper
156 100
77 167.1 107.7 323.3
158 75.9 48.4 145.3



#78
n-propylbenzene
Concen: 0.240 ug/l
RT: 13.047 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 91 Resp: 3318
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.239 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

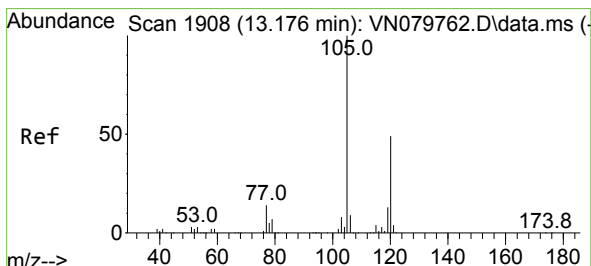
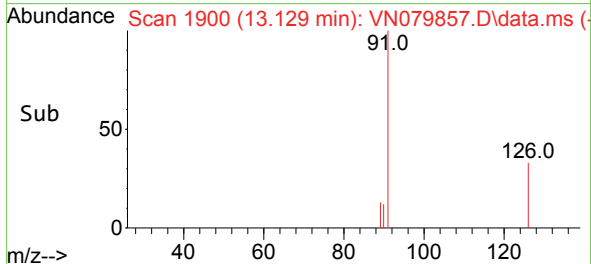
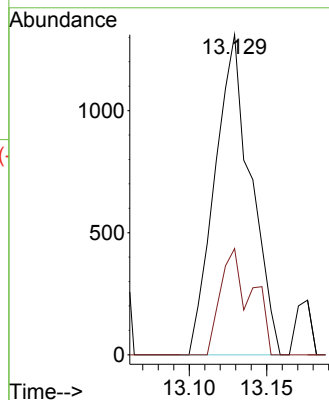
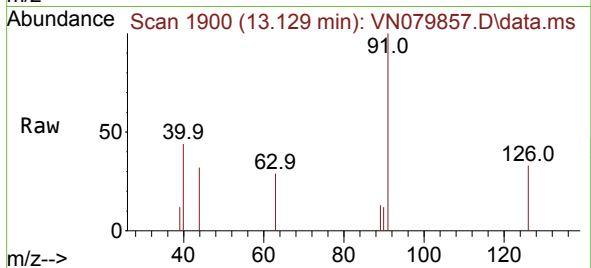
MDL-WATER-03-QT4-2023

Tgt Ion: 91 Resp: 2117

Ion Ratio Lower Upper

91 100

126 28.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.208 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079857.D

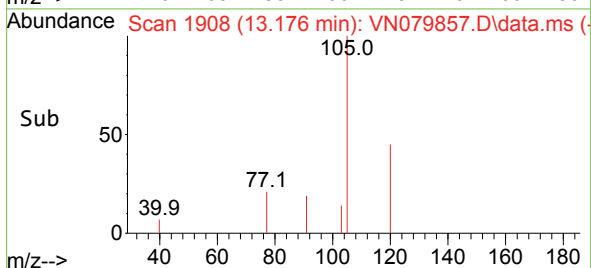
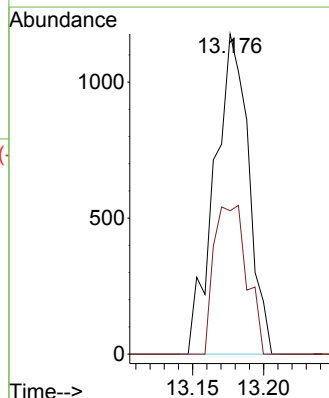
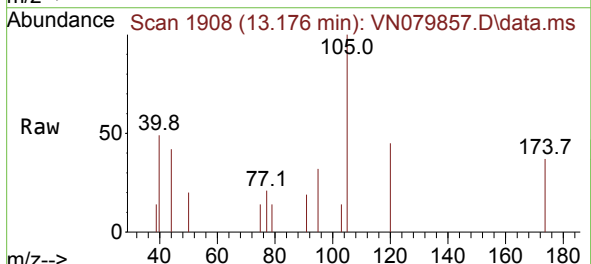
Acq: 03 Nov 2023 18:27

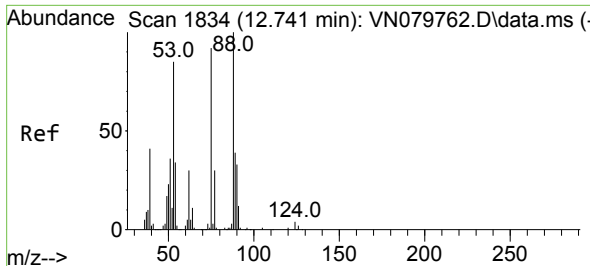
Tgt Ion: 105 Resp: 1962

Ion Ratio Lower Upper

105 100

120 44.8 24.1 72.3

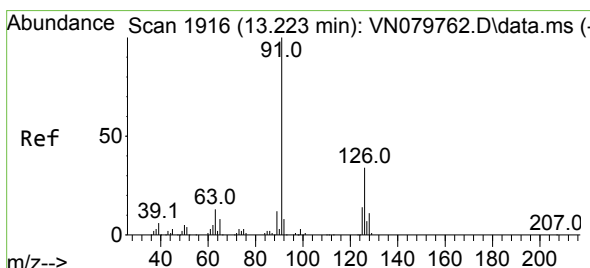
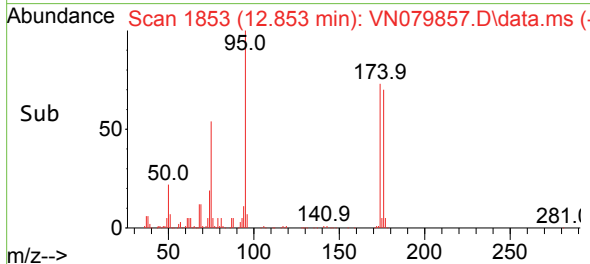
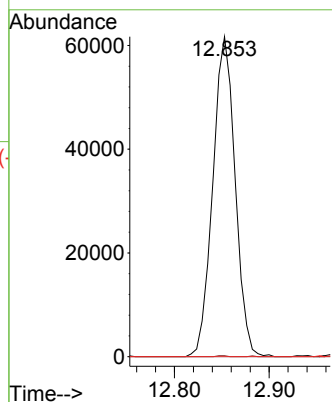
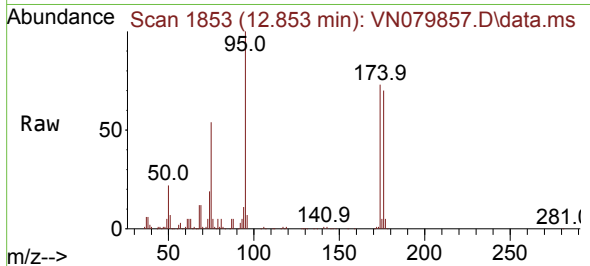




#81
trans-1,4-Dichloro-2-butene
Concen: 73.552 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

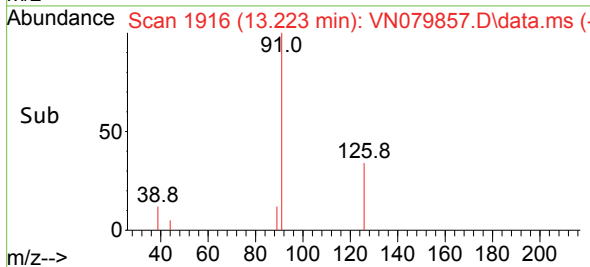
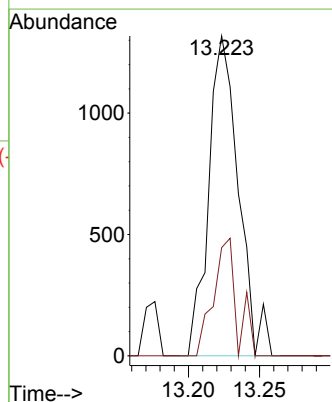
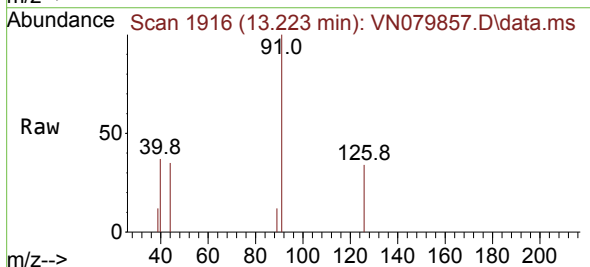
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

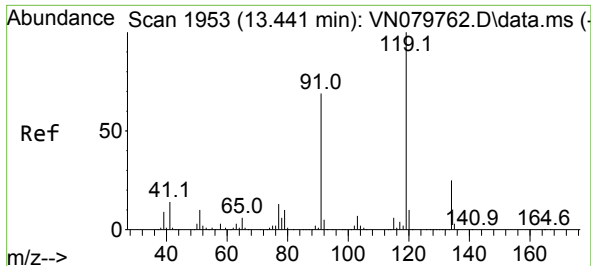
Tgt Ion: 75 Resp: 101146
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.219 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 91 Resp: 1928
Ion Ratio Lower Upper
91 100
126 28.7 16.7 50.0

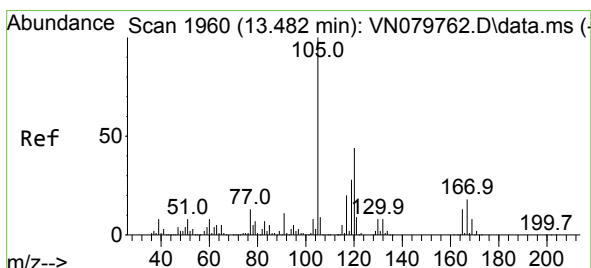
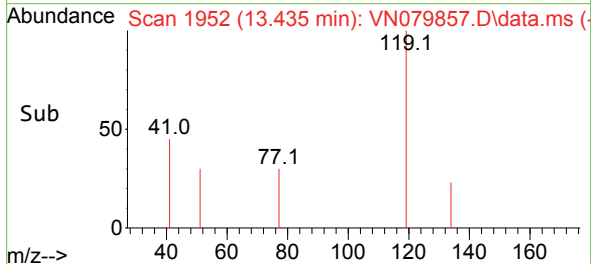
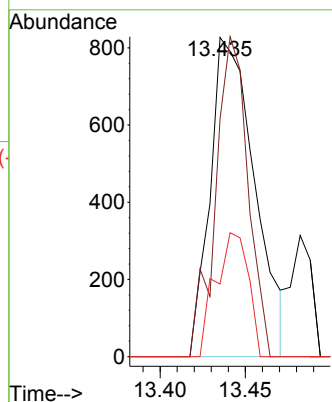
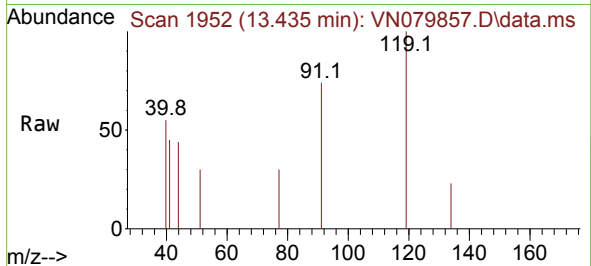




#83
tert-Butylbenzene
Concen: 0.195 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

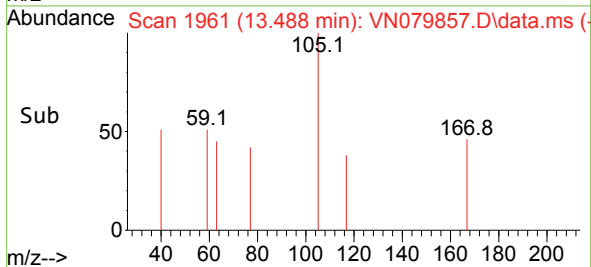
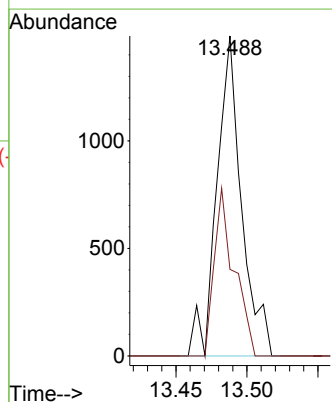
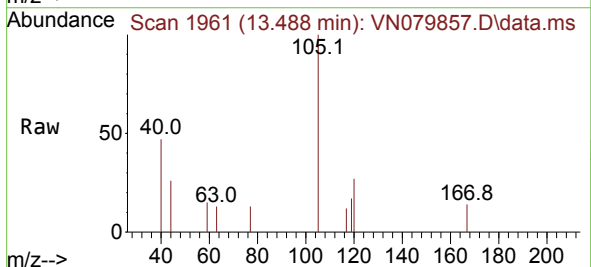
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2023

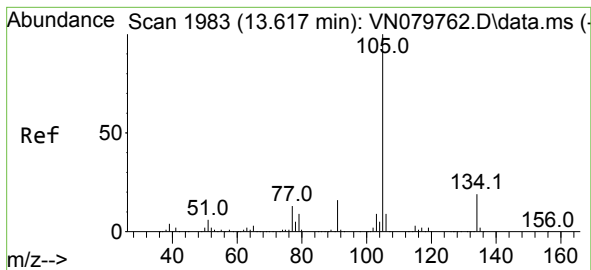
Tgt Ion:	119	Resp:	1500
Ion	Ratio	Lower	Upper
119	100		
91	73.3	33.9	101.7
134	28.6	13.2	39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.195 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion:	105	Resp:	1805
Ion	Ratio	Lower	Upper
105	100		
120	42.2	22.0	66.0





#85

sec-Butylbenzene

Concen: 0.154 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

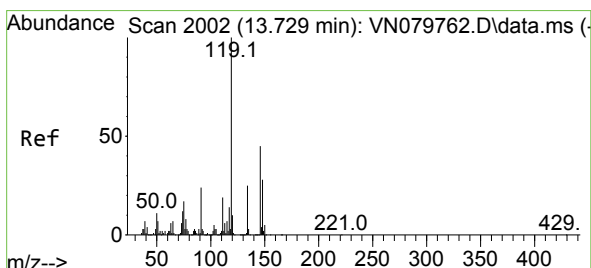
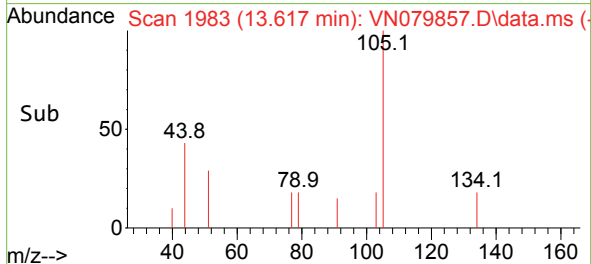
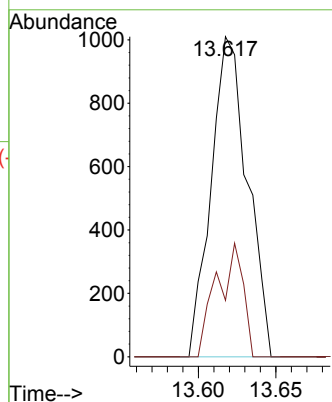
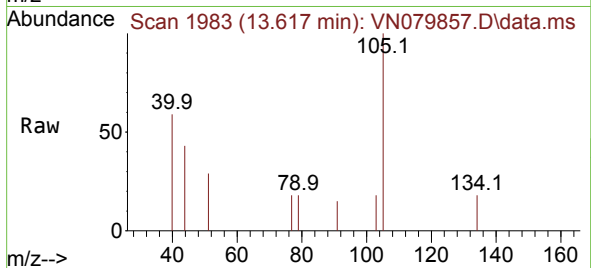
MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 1645

Ion Ratio Lower Upper

105 100

134 25.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.184 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

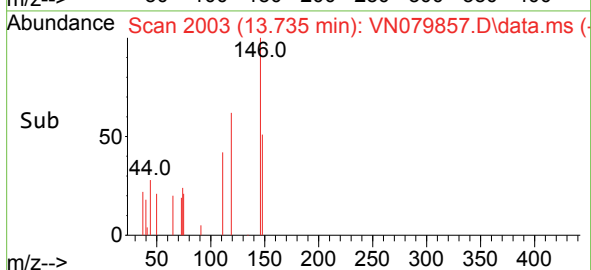
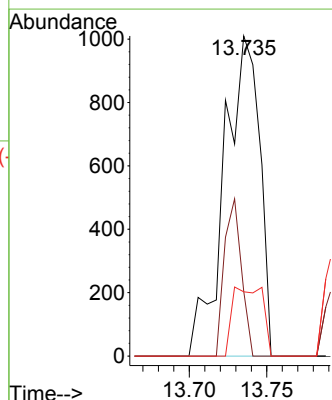
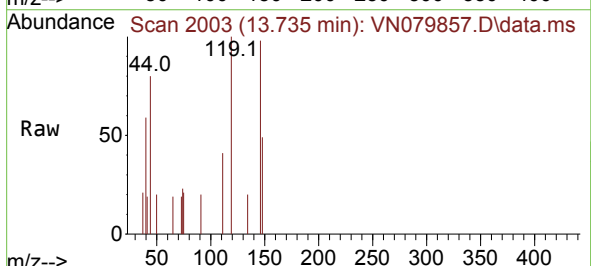
Tgt Ion:119 Resp: 1600

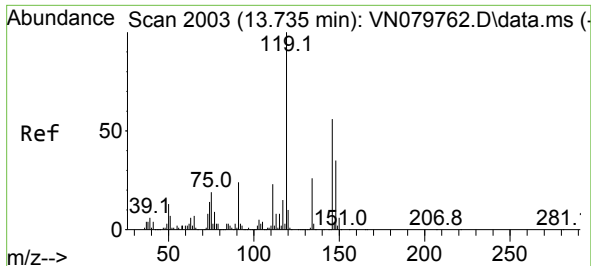
Ion Ratio Lower Upper

119 100

134 23.8 12.6 37.8

91 18.4 12.4 37.2

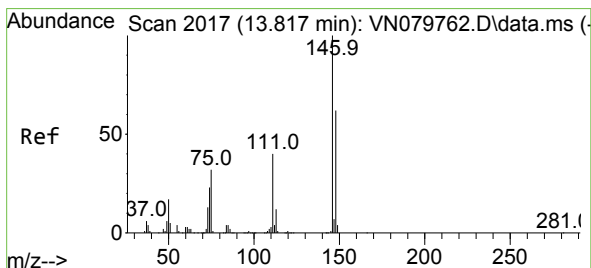
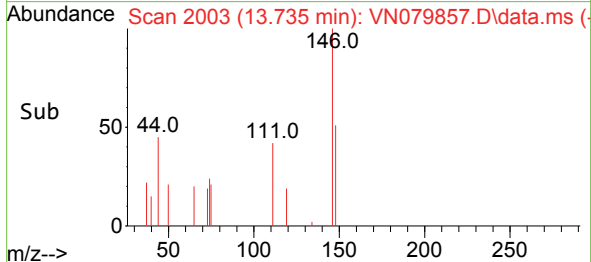
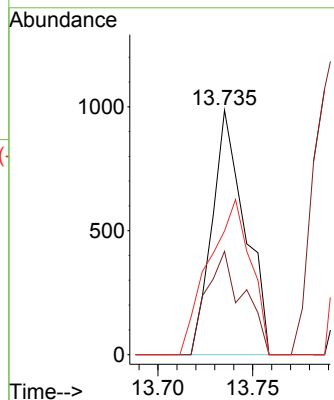
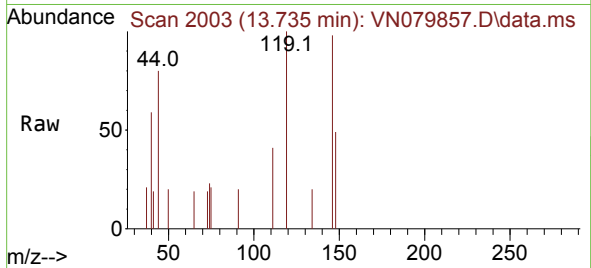




#87
1,3-Dichlorobenzene
Concen: 0.215 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

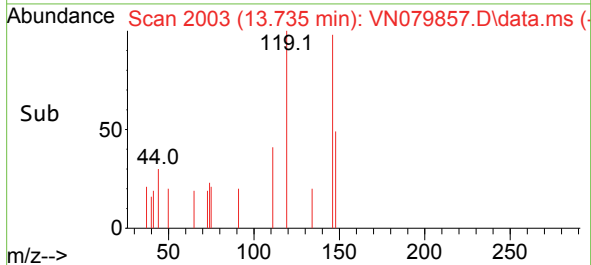
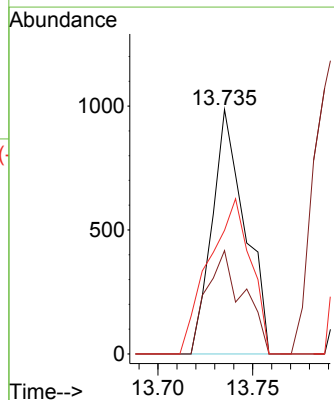
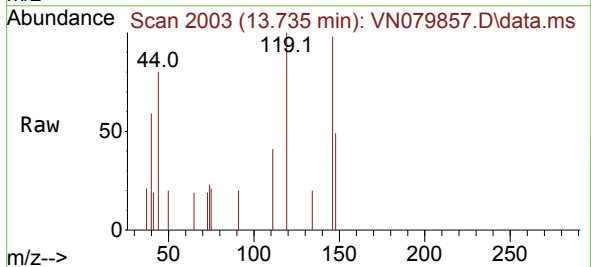
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

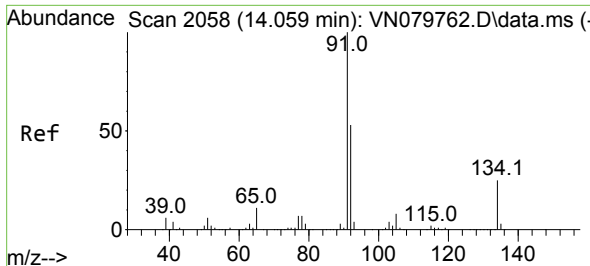
Tgt Ion:146 Resp: 1187
Ion Ratio Lower Upper
146 100
111 47.5 22.1 66.3
148 81.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.212 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.082 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion:146 Resp: 1187
Ion Ratio Lower Upper
146 100
111 47.5 20.6 61.8
148 81.5 31.6 94.8





#89

n-Butylbenzene

Concen: 0.185 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

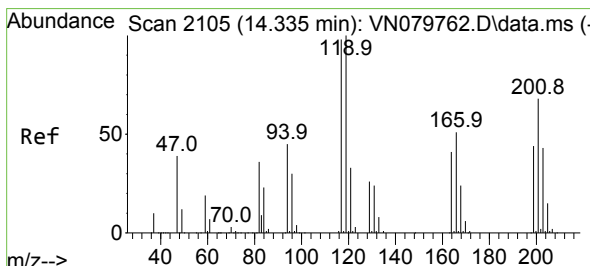
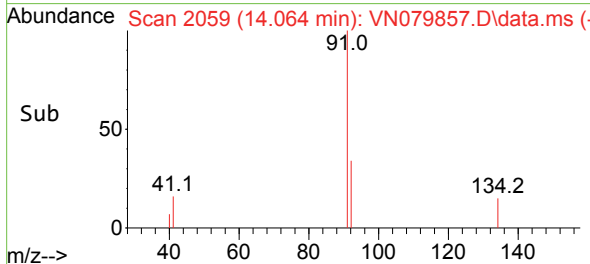
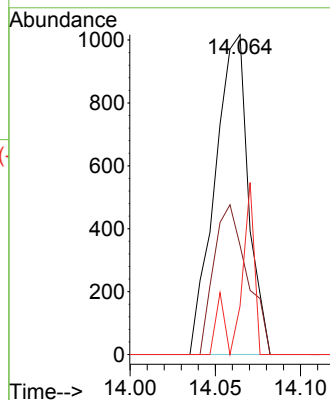
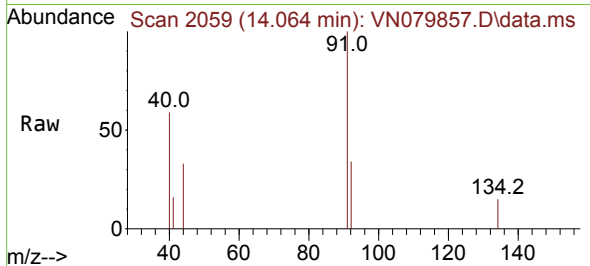
Tgt Ion: 91 Resp: 1387

Ion Ratio Lower Upper

91 100

92 46.9 26.4 79.0

134 22.9 12.6 37.6



#90

Hexachloroethane

Concen: 0.233 ug/l

RT: 14.347 min Scan# 2107

Delta R.T. 0.012 min

Lab File: VN079857.D

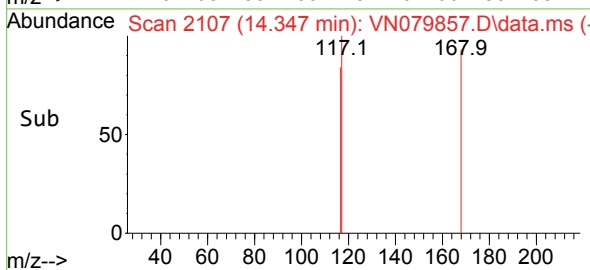
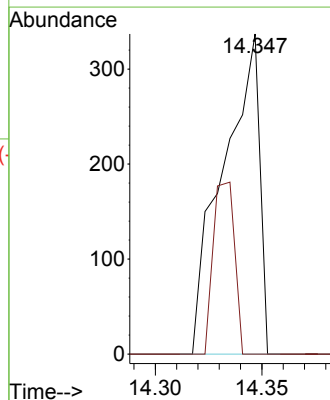
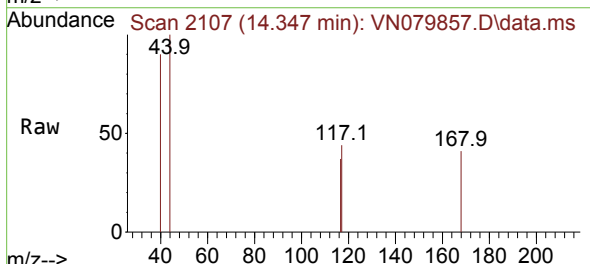
Acq: 03 Nov 2023 18:27

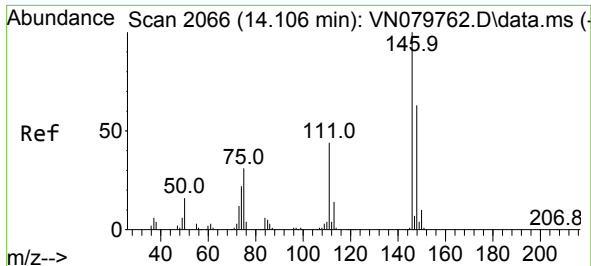
Tgt Ion: 117 Resp: 401

Ion Ratio Lower Upper

117 100

201 31.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 0.238 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

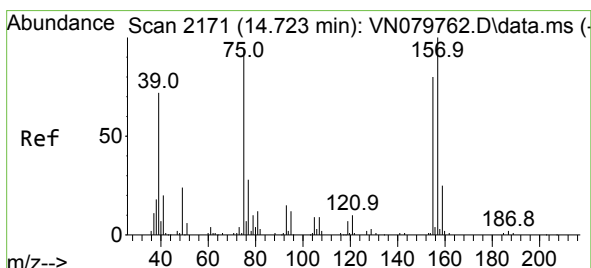
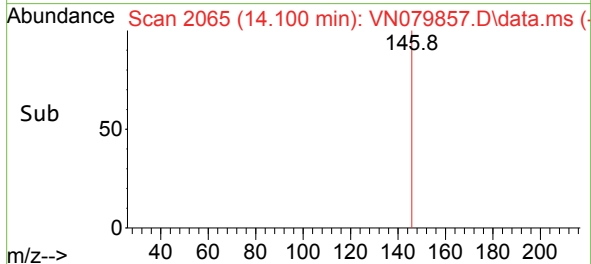
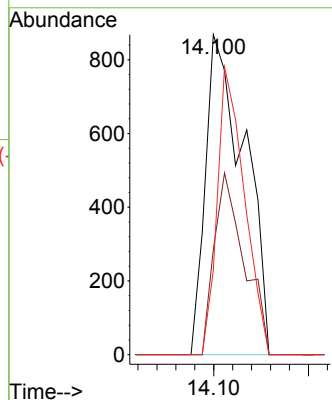
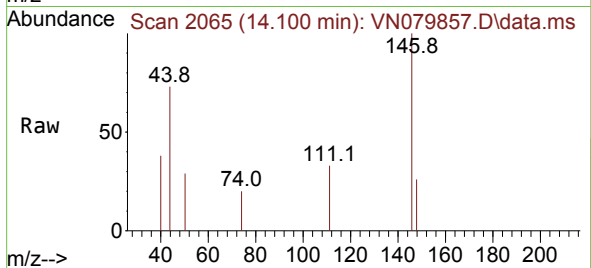
Tgt Ion:146 Resp: 1240

Ion Ratio Lower Upper

146 100

111 43.8 22.0 66.0

148 62.5 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.168 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

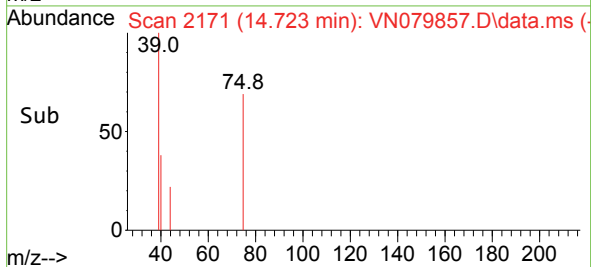
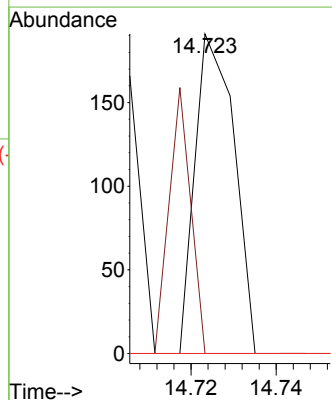
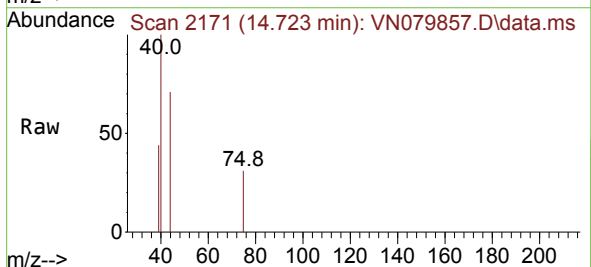
Tgt Ion: 75 Resp: 122

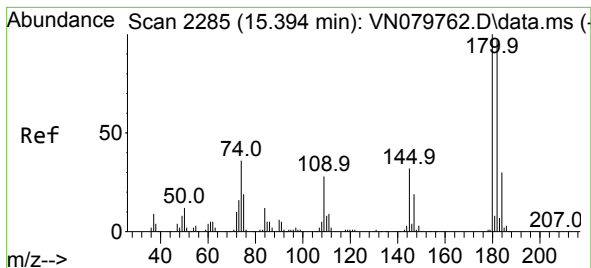
Ion Ratio Lower Upper

75 100

155 45.9 39.1 117.2

157 0.0 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.080 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079857.D

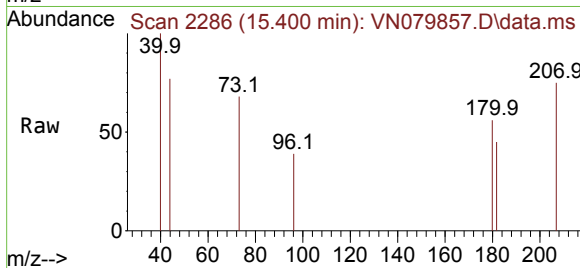
Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023



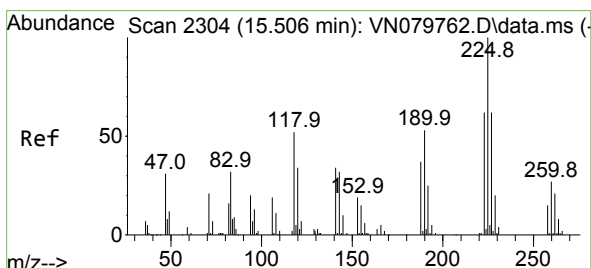
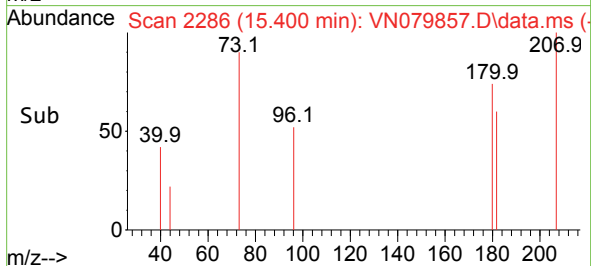
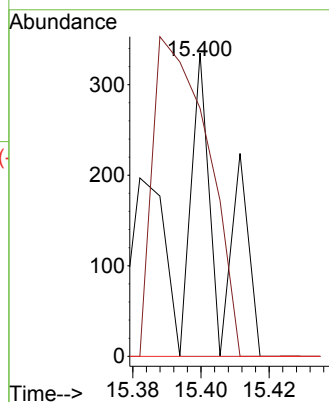
Tgt Ion:180 Resp: 197

Ion Ratio Lower Upper

180 100

182 0.0 46.1 138.2#

145 0.0 16.6 49.8#



#94

Hexachlorobutadiene

Concen: 0.058 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

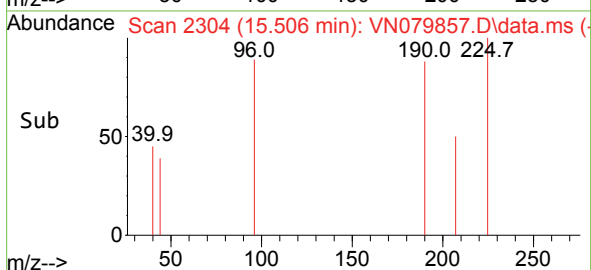
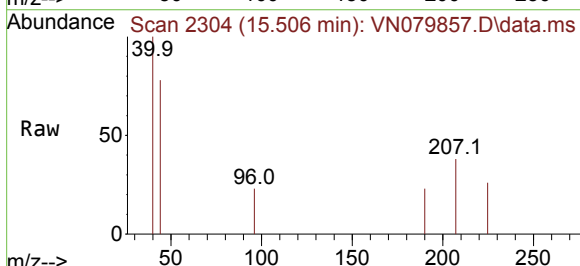
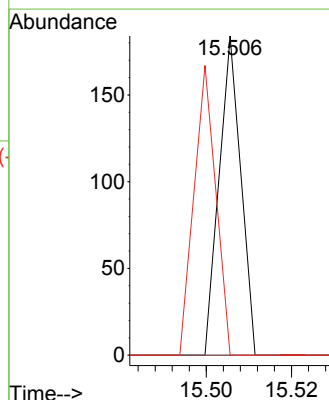
Tgt Ion:225 Resp: 65

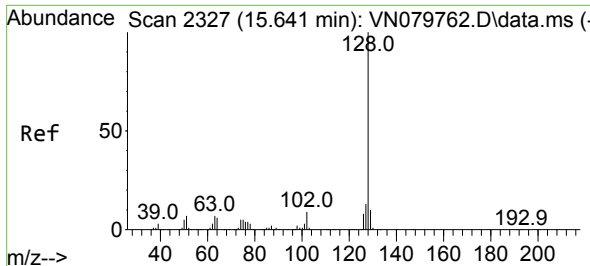
Ion Ratio Lower Upper

225 100

223 0.0 31.3 93.8#

227 90.8 31.9 95.9

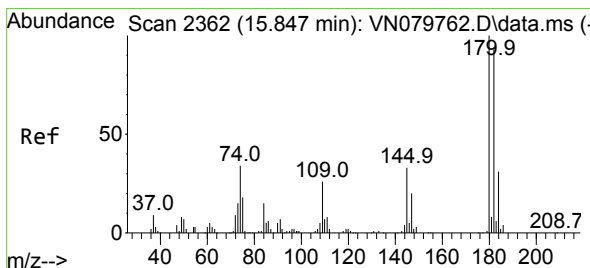
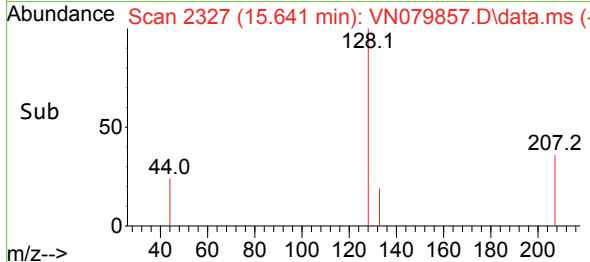
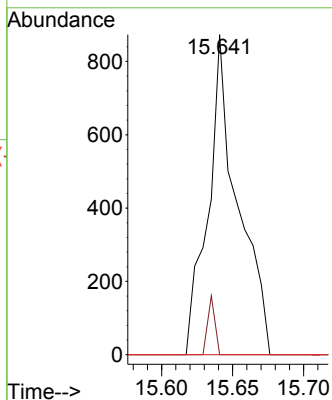
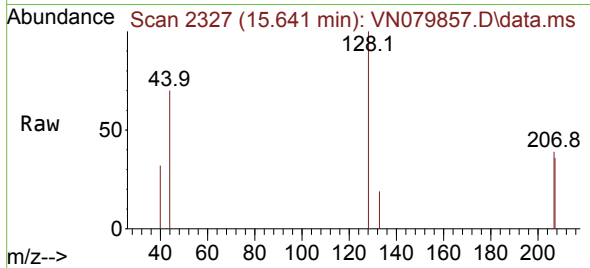




#95
Naphthalene
Concen: 0.151 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

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

Tgt Ion:128 Resp: 1263
Ion Ratio Lower Upper
128 100
127 4.5 10.0 15.0#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.066 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion:180 Resp: 161
Ion Ratio Lower Upper
180 100
182 36.0 46.2 138.6#
145 0.0 17.5 52.6#

