

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080823.D
 Acq On : 30 Jan 2024 18:46
 Operator : JC\MD
 Sample : P1187-09 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 31 03:16:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	100079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	210113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	173275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	60805	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	87448	50.509	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.020%	
35) Dibromofluoromethane	8.165	113	61155	47.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.140%	
50) Toluene-d8	10.571	98	233598	46.429	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.860%	
62) 4-Bromofluorobenzene	12.853	95	74257	42.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.700%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.118	85	761	0.512	ug/l #	44
3) Chloromethane	2.365	50	2909	1.302	ug/l #	65
4) Vinyl Chloride	2.512	62	725	0.427	ug/l #	49
5) Bromomethane	2.971	94	719	1.058	ug/l #	79
6) Chloroethane	3.124	64	827	0.913	ug/l #	42
7) Trichlorofluoromethane	3.500	101	1330	0.605	ug/l	94
8) Diethyl Ether	3.947	74	119	0.117	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.371	101	592	0.462	ug/l #	40
10) Methyl Iodide	4.583	142	196	0.181	ug/l #	39
11) Tert butyl alcohol	5.518	59	724	2.565	ug/l #	94
12) 1,1-Dichloroethene	4.330	96	393	0.280	ug/l #	56
13) Acrolein	4.165	56	568	1.596	ug/l #	58
14) Allyl chloride	5.018	41	1547	0.557	ug/l #	60
15) Acrylonitrile	5.712	53	1062	1.251	ug/l #	82
16) Acetone	4.436	43	1316	2.096	ug/l #	58
17) Carbon Disulfide	4.724	76	1364	0.312	ug/l #	78
18) Methyl Acetate	5.036	43	2624	1.199	ug/l #	64
19) Methyl tert-butyl Ether	5.789	73	924	0.187	ug/l #	72
20) Methylene Chloride	5.277	84	964	0.585	ug/l #	36
21) trans-1,2-Dichloroethene	5.789	96	463	0.303	ug/l	94
22) Diisopropyl ether	6.671	45	3553	0.580	ug/l #	87
23) Vinyl Acetate	6.606	43	9638	2.174	ug/l	96
24) 1,1-Dichloroethane	6.571	63	1271	0.409	ug/l #	85
25) 2-Butanone	7.494	43	3528	2.958	ug/l #	80
26) 2,2-Dichloropropane	7.500	77	1246	0.496	ug/l	81
27) cis-1,2-Dichloroethene	7.488	96	848	0.480	ug/l	63
28) Bromochloromethane	7.812	49	518	0.315	ug/l #	79
29) Tetrahydrofuran	7.835	42	2609	3.233	ug/l #	73
30) Chloroform	7.959	83	2126	0.737	ug/l #	64
31) Cyclohexane	8.230	56	4860	1.637	ug/l #	62
32) 1,1,1-Trichloroethane	8.177	97	794	0.339	ug/l #	20
36) 1,1-Dichloropropene	8.377	75	1110	0.465	ug/l #	54
37) Ethyl Acetate	7.559	43	966	0.393	ug/l #	70
38) Carbon Tetrachloride	8.365	117	906	0.471	ug/l #	61
39) Methylcyclohexane	9.612	83	1052	0.443	ug/l #	49
40) Benzene	8.606	78	3423	0.487	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	909	0.627	ug/l #	40
42) 1,2-Dichloroethane	8.671	62	1071	0.468	ug/l	93
43) Isopropyl Acetate	8.688	43	2916	0.651	ug/l #	81
44) Trichloroethene	9.353	130	940	0.608	ug/l	70
45) 1,2-Dichloropropane	9.612	63	1142	0.601	ug/l #	82
46) Dibromomethane	9.706	93	594	0.527	ug/l #	75
47) Bromodichloromethane	9.888	83	1075	0.470	ug/l #	72
48) Methyl methacrylate	9.682	41	1500	0.691	ug/l #	82
49) 1,4-Dioxane	9.659	88	64	2.447	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	6443	2.574	ug/l	97
52) Toluene	10.635	92	1990	0.494	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	1329	0.499	ug/l #	43
54) cis-1,3-Dichloropropene	10.324	75	1270	0.438	ug/l #	19
55) 1,1,2-Trichloroethane	11.018	97	634	0.410	ug/l #	73
56) Ethyl methacrylate	10.876	69	1013	0.426	ug/l #	84
57) 1,3-Dichloropropane	11.159	76	1683	0.578	ug/l #	70
58) 2-Chloroethyl Vinyl ether	10.165	63	2776	2.002	ug/l	95
59) 2-Hexanone	11.194	43	4749	2.442	ug/l	100
60) Dibromochloromethane	11.365	129	466	0.324	ug/l	96
61) 1,2-Dibromoethane	11.465	107	604	0.417	ug/l	89
64) Tetrachloroethene	11.106	164	670	0.588	ug/l #	86
65) Chlorobenzene	11.894	112	1766	0.467	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.953	131	796	0.647	ug/l #	45
67) Ethyl Benzene	11.965	91	3285	0.467	ug/l	91
68) m/p-Xylenes	12.076	106	1934	0.775	ug/l	74
69) o-Xylene	12.400	106	950	0.383	ug/l	86
70) Styrene	12.418	104	1573	0.395	ug/l #	84
71) Bromoform	12.588	173	238	0.286	ug/l #	79
73) Isopropylbenzene	12.700	105	2601	0.467	ug/l	99
74) N-amyl acetate	12.494	43	1497	0.433	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.953	83	1215	0.620	ug/l #	25
76) 1,2,3-Trichloropropane	12.994	75	1975	1.077	ug/l	39
77) Bromobenzene	12.994	156	364	0.306	ug/l #	1
78) n-propylbenzene	13.035	91	3299	0.496	ug/l	79
79) 2-Chlorotoluene	13.123	91	2057	0.487	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	2306	0.520	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.853	75	41157	57.816	ug/l #	14
82) 4-Chlorotoluene	13.223	91	2048	0.489	ug/l	99
83) tert-Butylbenzene	13.435	119	1652	0.466	ug/l	84
84) 1,2,4-Trimethylbenzene	13.488	105	1670	0.372	ug/l	73
85) sec-Butylbenzene	13.612	105	2455	0.470	ug/l	97
86) p-Isopropyltoluene	13.741	119	1808	0.446	ug/l #	73
87) 1,3-Dichlorobenzene	13.729	146	1026	0.482	ug/l	95
88) 1,4-Dichlorobenzene	13.729	146	1026	0.481	ug/l	94
89) n-Butylbenzene	14.064	91	1889	0.476	ug/l	81
90) Hexachloroethane	14.335	117	111	0.156	ug/l #	21
91) 1,2-Dichlorobenzene	14.106	146	1232	0.632	ug/l #	75
92) 1,2-Dibromo-3-Chloropr...	14.729	75	112	0.306	ug/l #	46
93) 1,2,4-Trichlorobenzene	15.400	180	691	0.689	ug/l #	81
94) Hexachlorobutadiene	15.500	225	203	0.463	ug/l #	17
95) Naphthalene	15.635	128	1683	0.439	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.847	180	192	0.195	ug/l #	14

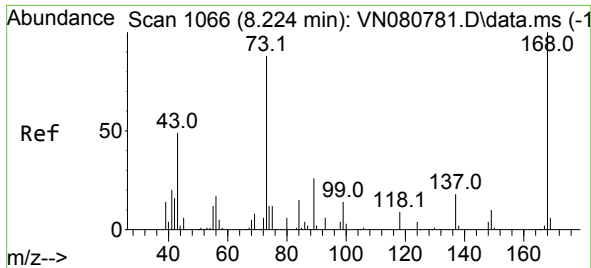
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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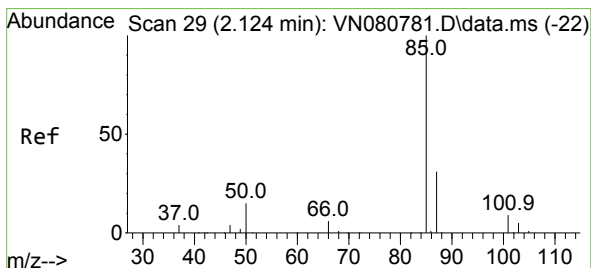
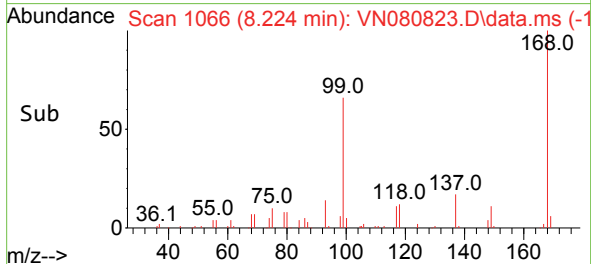
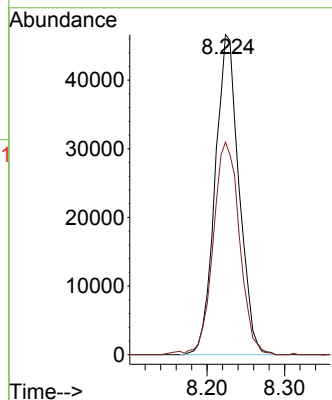
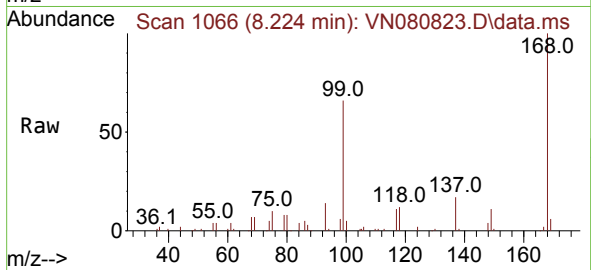
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

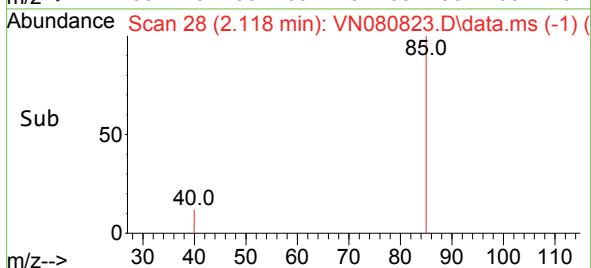
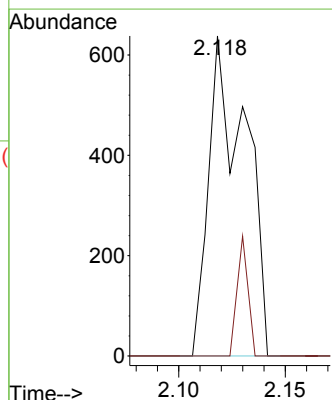
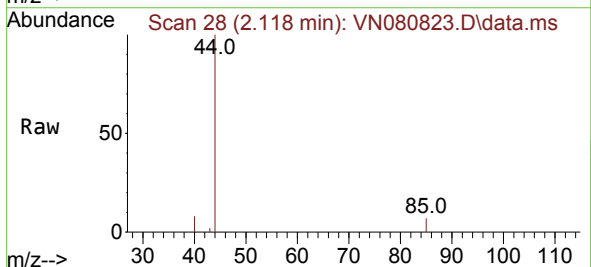
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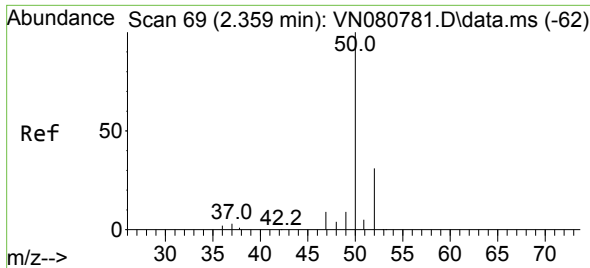
Tgt Ion:168 Resp: 100079
Ion Ratio Lower Upper
168 100
99 66.4 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 0.512 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 85 Resp: 761
Ion Ratio Lower Upper
85 100
87 0.0 15.3 45.9#

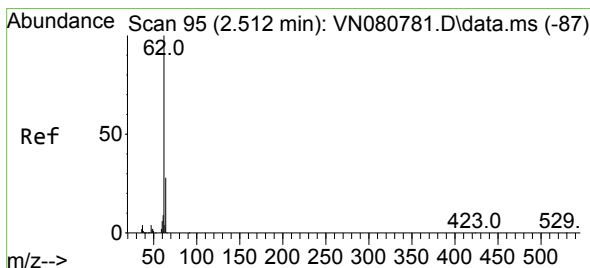
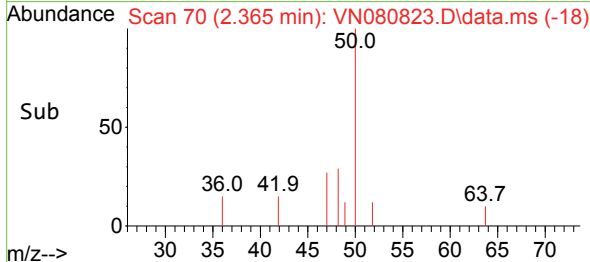
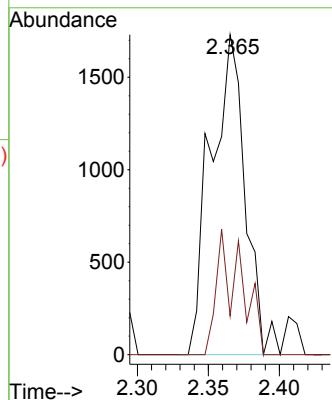
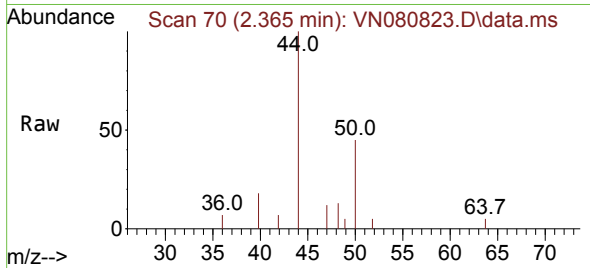




#3
Chloromethane
Concen: 1.302 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

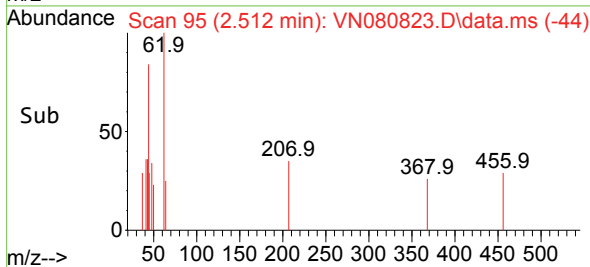
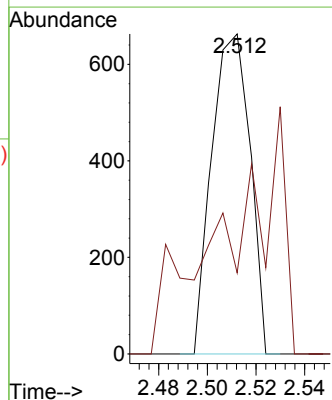
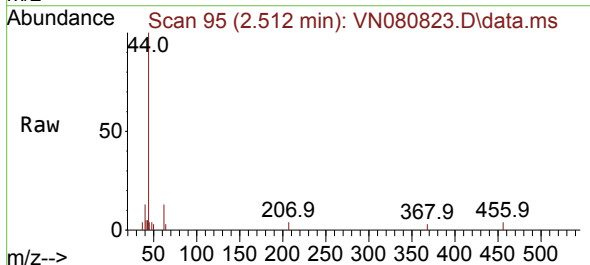
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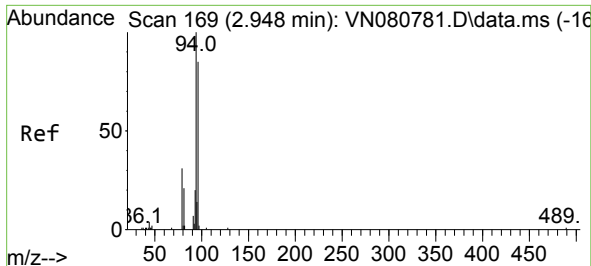
Tgt Ion: 50 Resp: 2909
Ion Ratio Lower Upper
50 100
52 12.1 25.0 37.4#



#4
Vinyl Chloride
Concen: 0.427 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 62 Resp: 725
Ion Ratio Lower Upper
62 100
64 1.7 22.7 34.1#

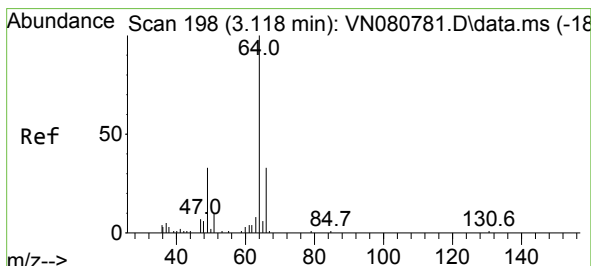
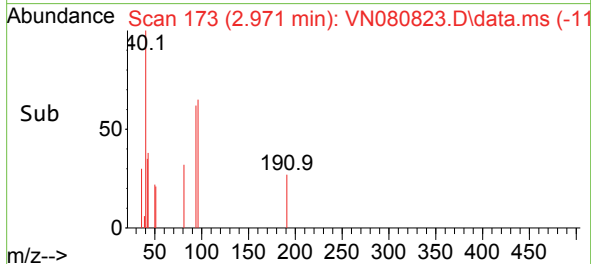
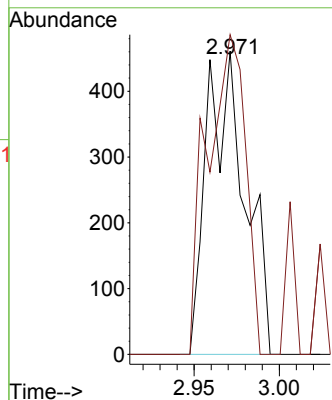
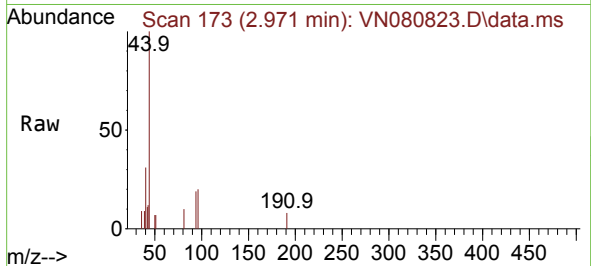




#5
Bromomethane
Concen: 1.058 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

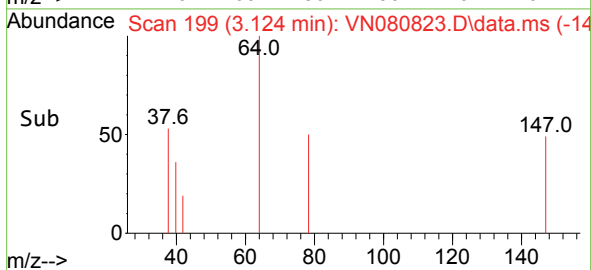
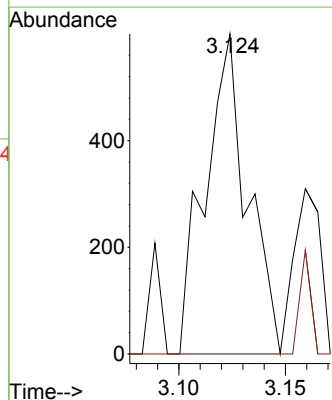
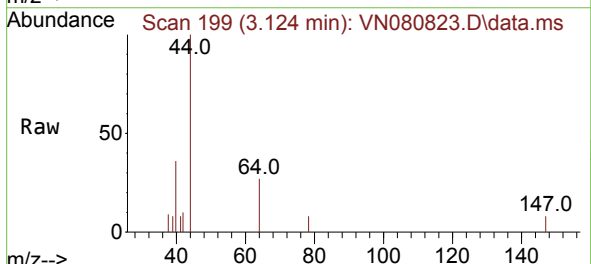
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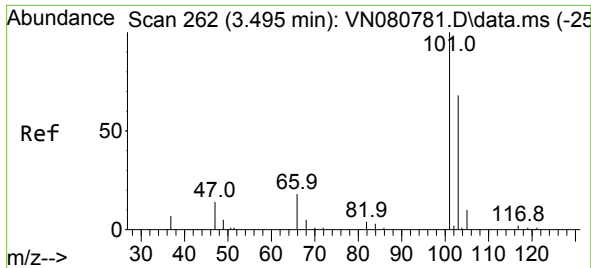
Tgt Ion: 94 Resp: 719
Ion Ratio Lower Upper
94 100
96 105.4 69.2 103.8#



#6
Chloroethane
Concen: 0.913 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 64 Resp: 827
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

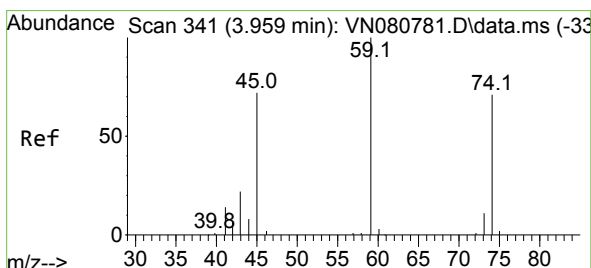
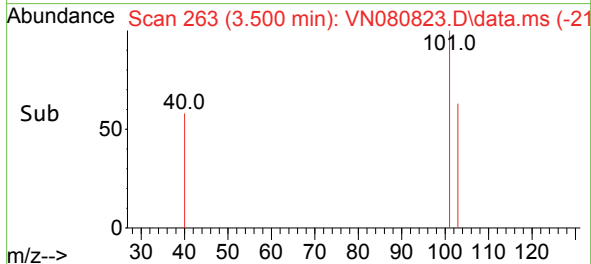
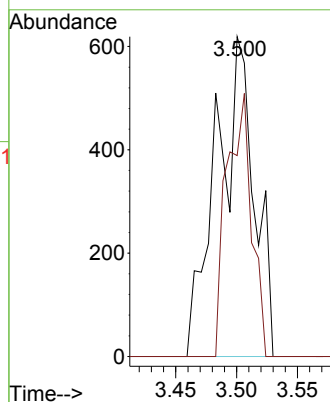
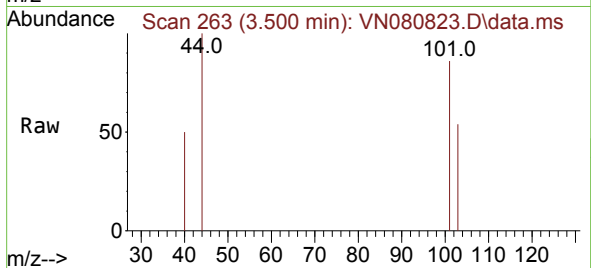




#7
Trichlorofluoromethane
Concen: 0.605 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

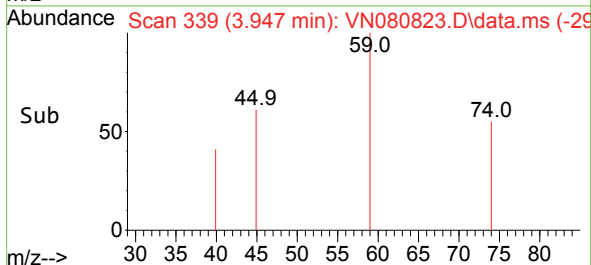
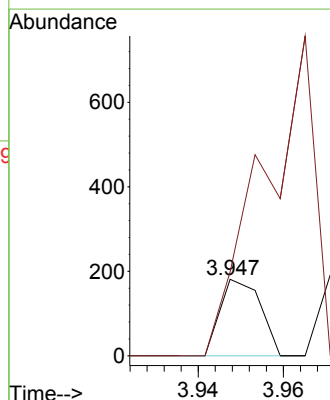
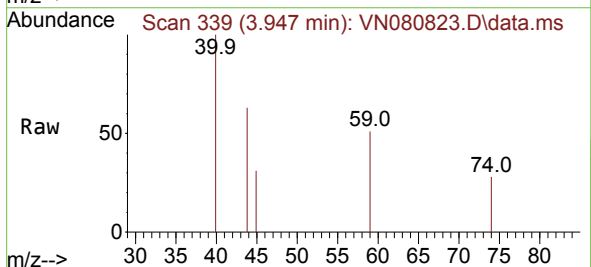
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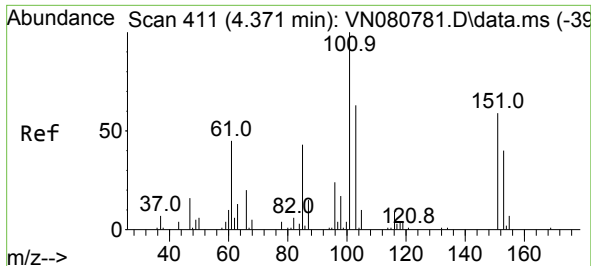
Tgt Ion:101 Resp: 1330
Ion Ratio Lower Upper
101 100
103 62.8 54.4 81.6



#8
Diethyl Ether
Concen: 0.117 ug/l
RT: 3.947 min Scan# 339
Delta R.T. -0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 74 Resp: 119
Ion Ratio Lower Upper
74 100
45 0.0 53.3 159.9#

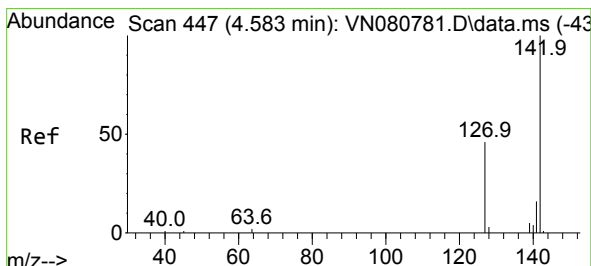
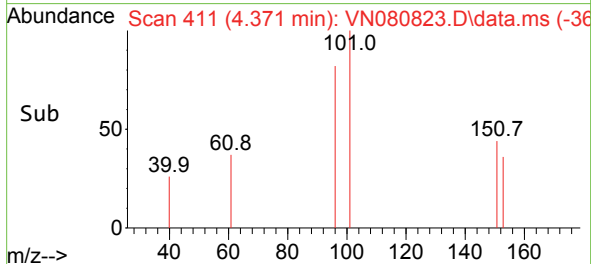
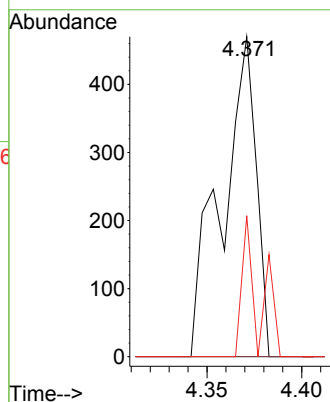
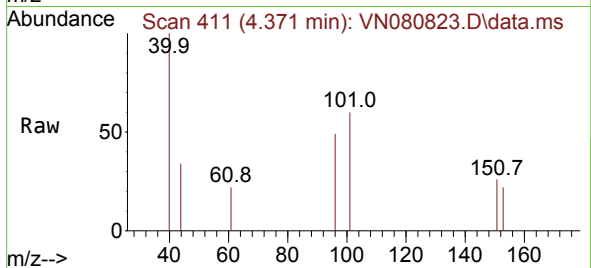




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.462 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

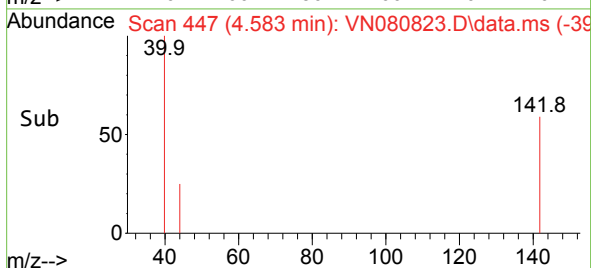
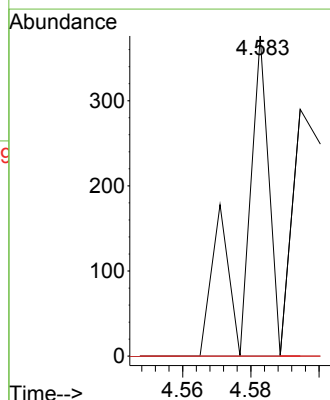
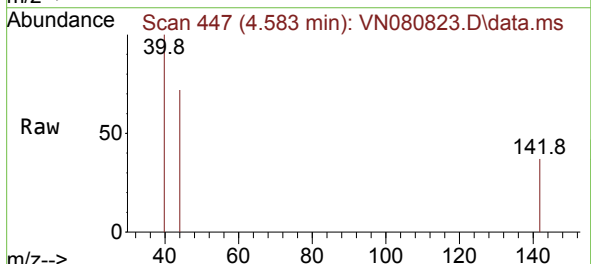
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

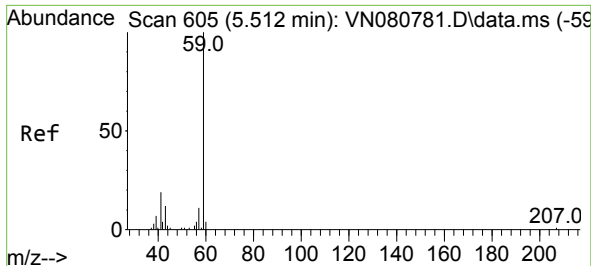
Tgt Ion:101 Resp: 592
Ion Ratio Lower Upper
101 100
85 0.0 38.1 57.1#
151 21.3 49.1 73.7#



#10
Methyl Iodide
Concen: 0.181 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion:142 Resp: 196
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#

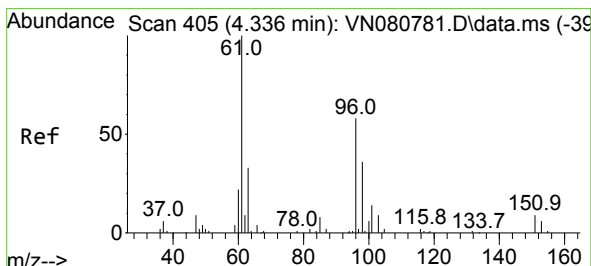
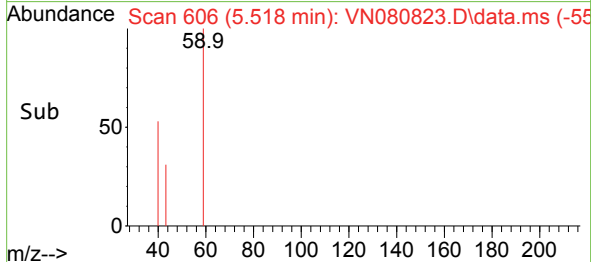
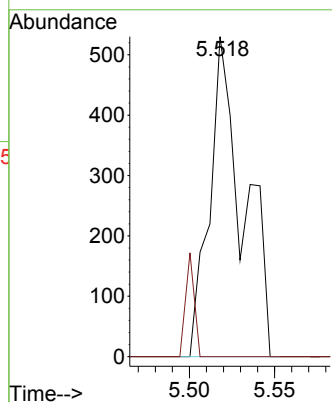
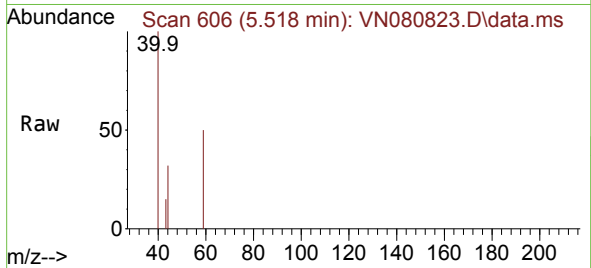




#11
Tert butyl alcohol
Concen: 2.565 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

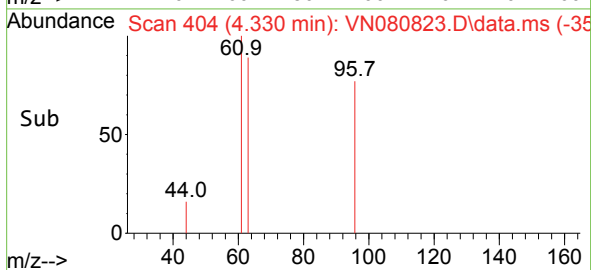
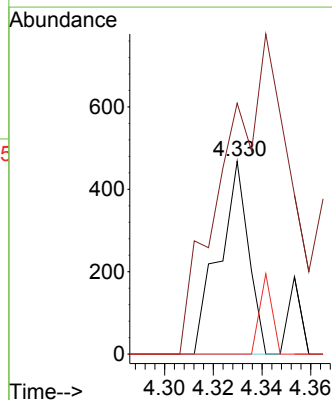
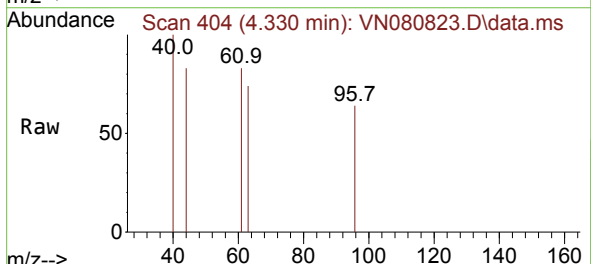
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

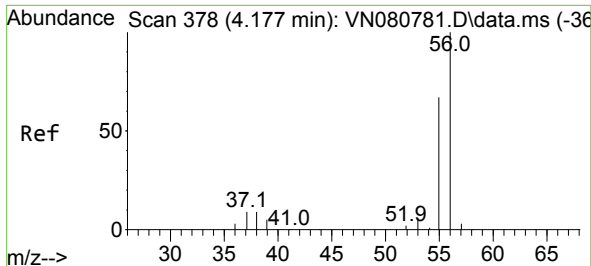
Tgt Ion: 59 Resp: 724
Ion Ratio Lower Upper
59 100
57 8.4 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 0.280 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 96 Resp: 393
Ion Ratio Lower Upper
96 100
61 130.1 138.2 207.4#
98 0.0 49.2 73.8#





#13

Acrolein

Concen: 1.596 ug/l

RT: 4.165 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN080823.D

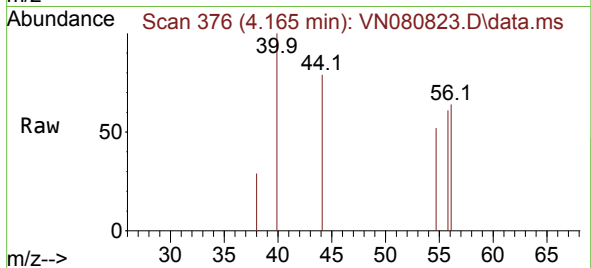
Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

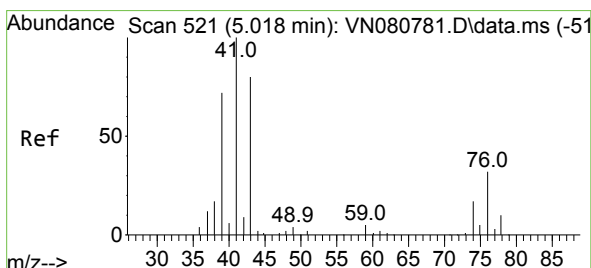
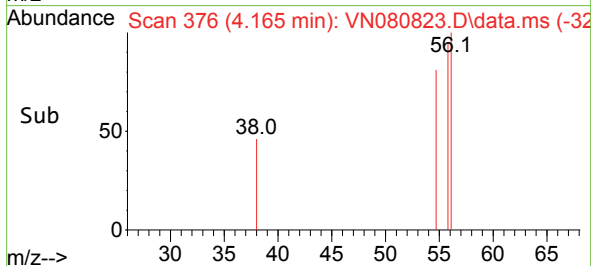
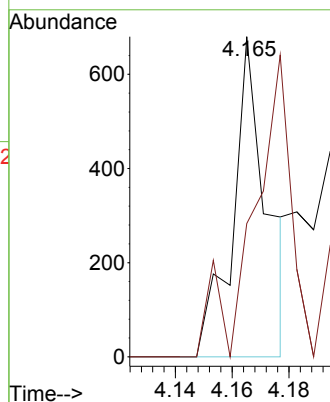


Tgt Ion: 56 Resp: 568

Ion Ratio Lower Upper

56 100

55 103.5 55.3 82.9#



#14

Allyl chloride

Concen: 0.557 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

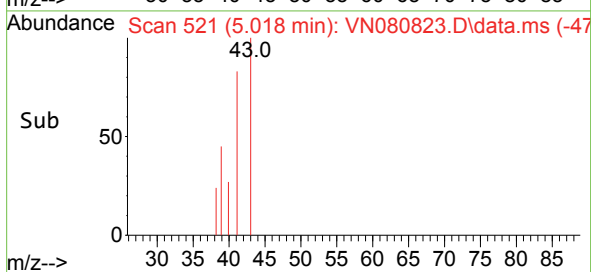
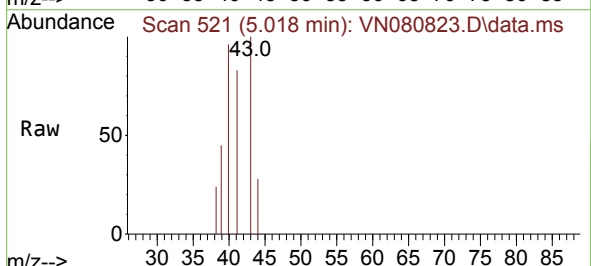
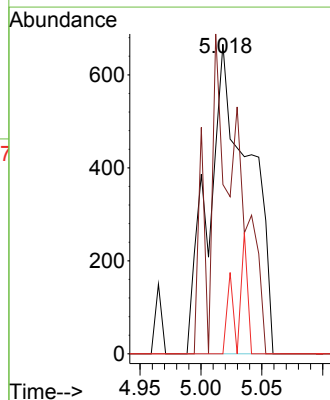
Tgt Ion: 41 Resp: 1547

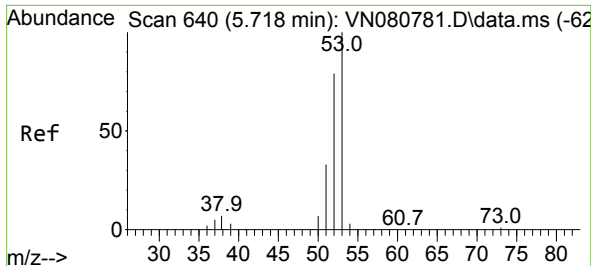
Ion Ratio Lower Upper

41 100

39 42.9 57.7 86.5#

76 4.0 26.8 40.2#

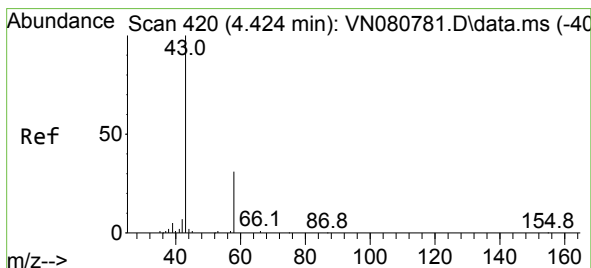
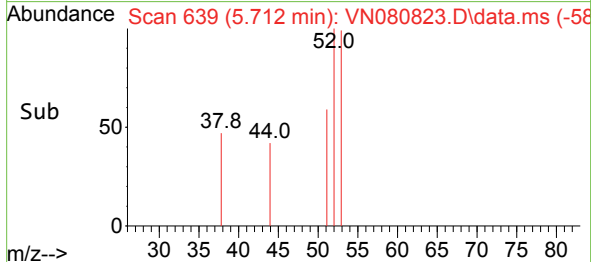
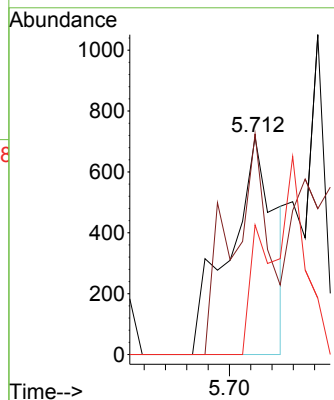
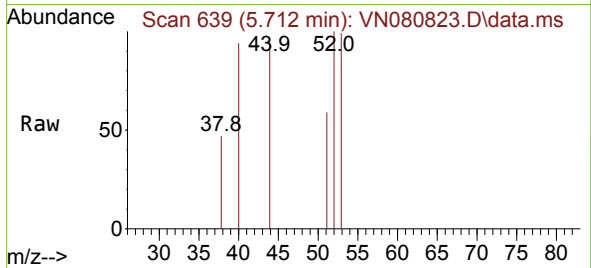




#15
Acrylonitrile
Concen: 1.251 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

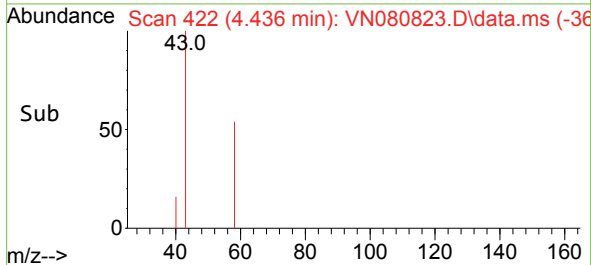
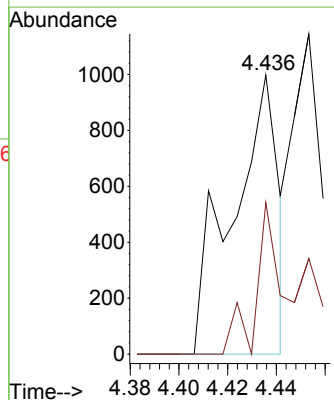
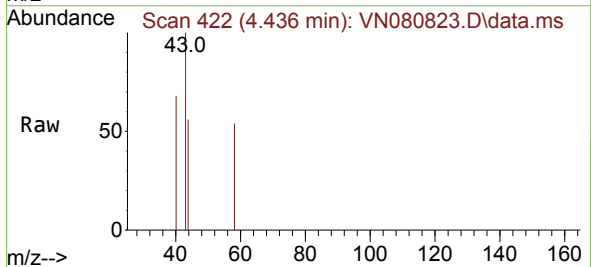
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

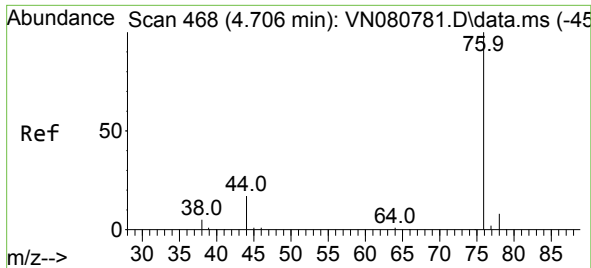
Tgt Ion: 53 Resp: 1062
Ion Ratio Lower Upper
53 100
52 82.4 64.8 97.2
51 0.0 26.9 40.3#



#16
Acetone
Concen: 2.096 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
58 54.3 24.8 37.2#

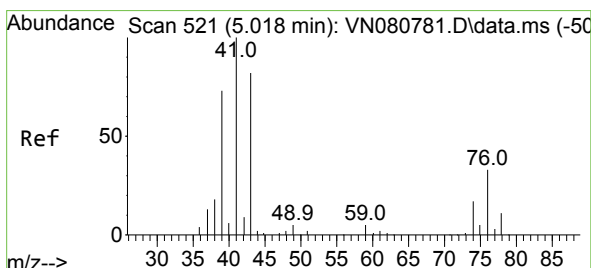
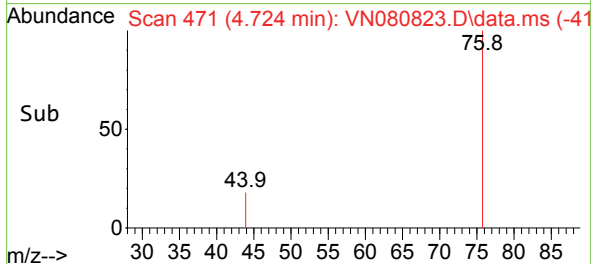
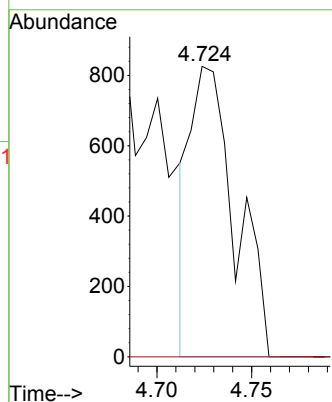
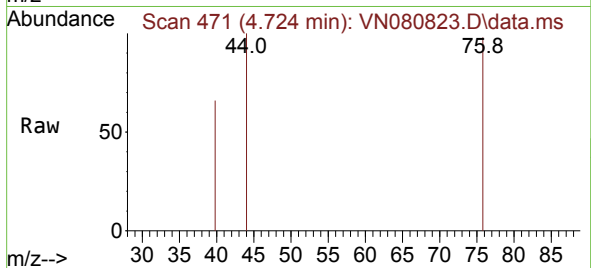




#17
Carbon Disulfide
Concen: 0.312 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

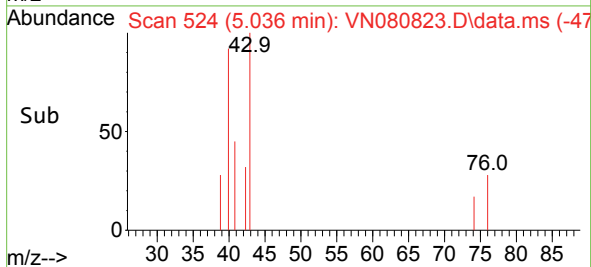
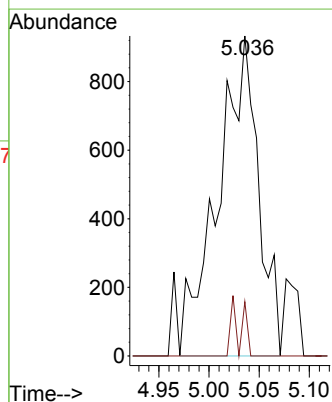
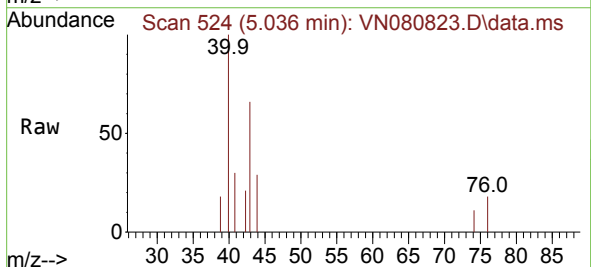
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

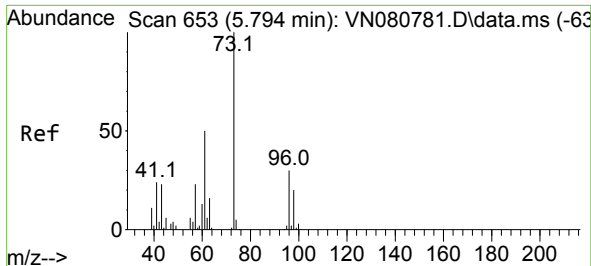
Tgt Ion: 76 Resp: 1364
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#18
Methyl Acetate
Concen: 1.199 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 43 Resp: 2624
Ion Ratio Lower Upper
43 100
74 4.5 17.3 25.9#

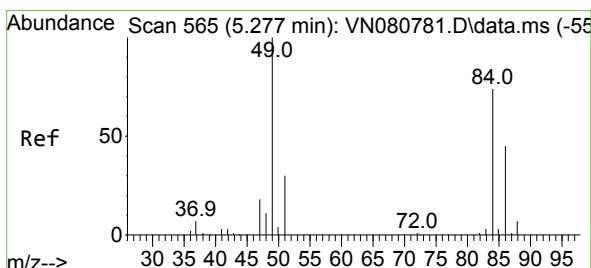
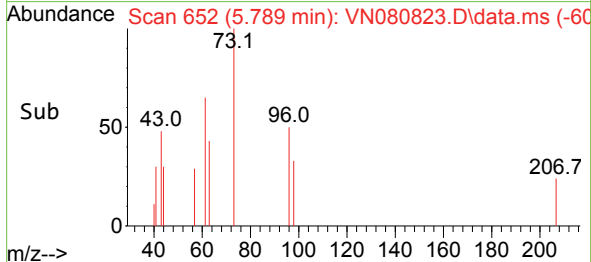
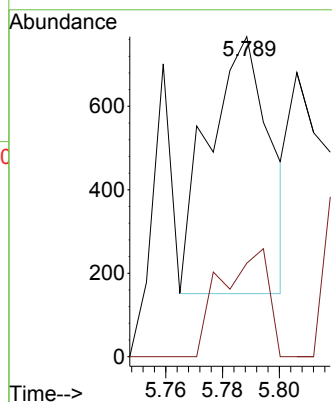
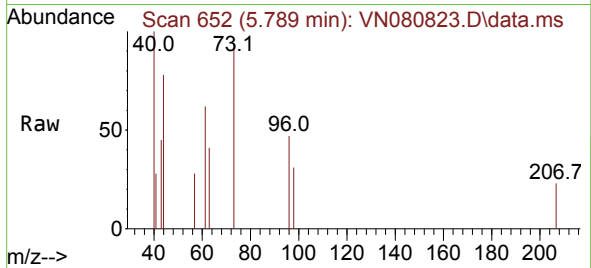




#19
Methyl tert-butyl Ether
Concen: 0.187 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

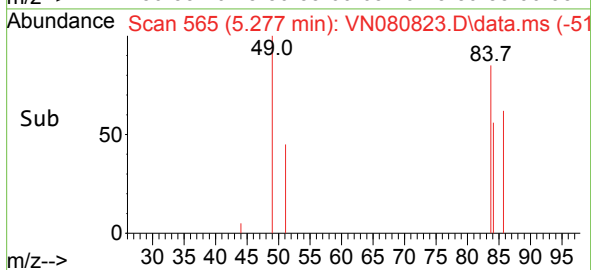
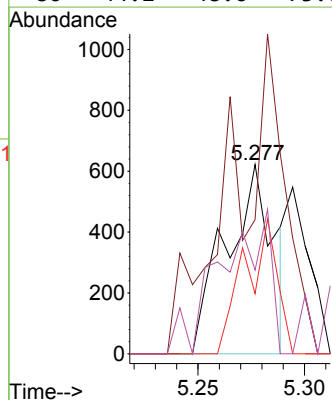
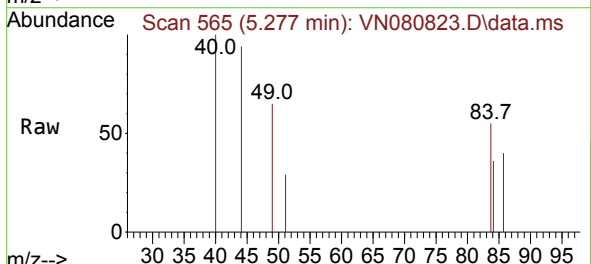
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

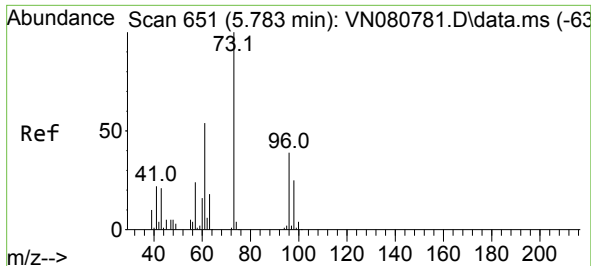
Tgt Ion: 73 Resp: 924
Ion Ratio Lower Upper
73 100
57 36.4 18.2 27.4#



#20
Methylene Chloride
Concen: 0.585 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 84 Resp: 964
Ion Ratio Lower Upper
84 100
49 17.7 108.1 162.1#
51 31.8 32.9 49.3#
86 44.2 48.6 73.0#

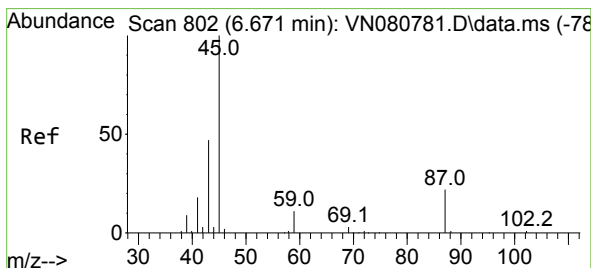
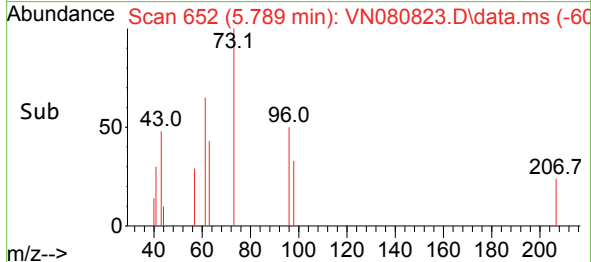
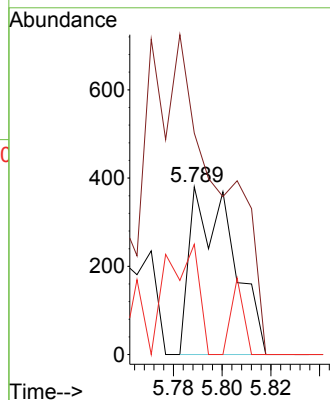
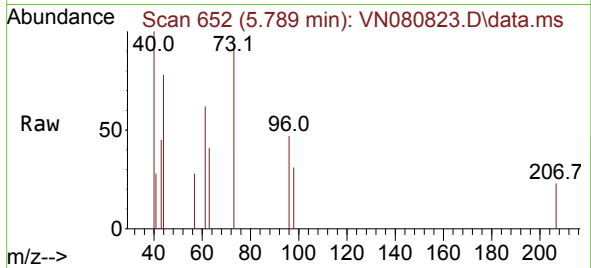




#21
trans-1,2-Dichloroethene
Concen: 0.303 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

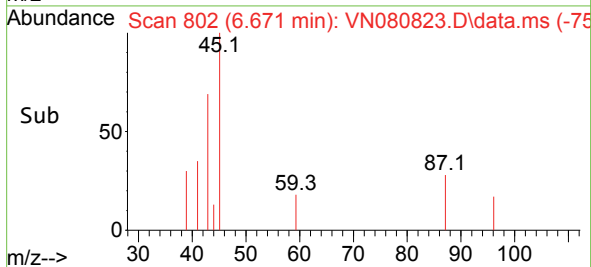
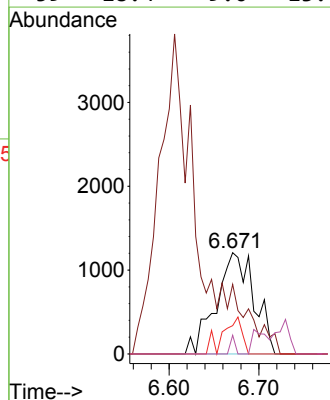
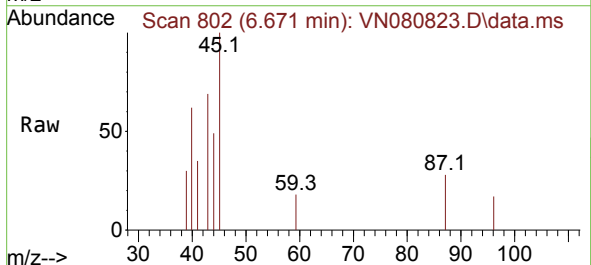
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

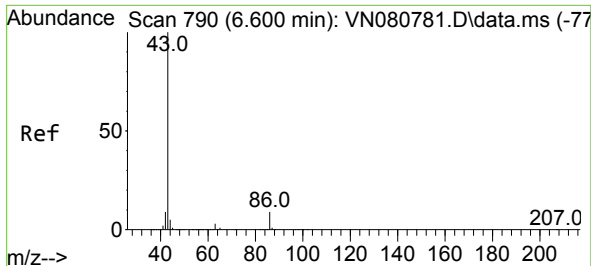
Tgt Ion: 96 Resp: 463
Ion Ratio Lower Upper
96 100
61 132.1 112.8 169.2
98 65.8 51.0 76.4



#22
Diisopropyl ether
Concen: 0.580 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 45 Resp: 3553
Ion Ratio Lower Upper
45 100
43 43.0 41.8 62.8
87 28.0 18.1 27.1#
59 18.4 9.0 13.6#

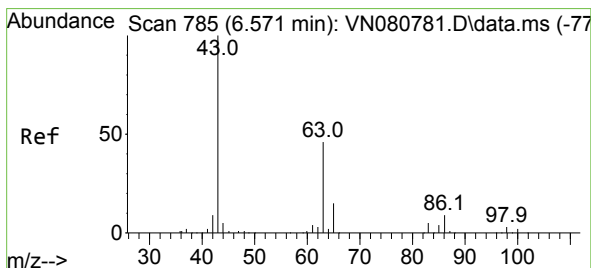
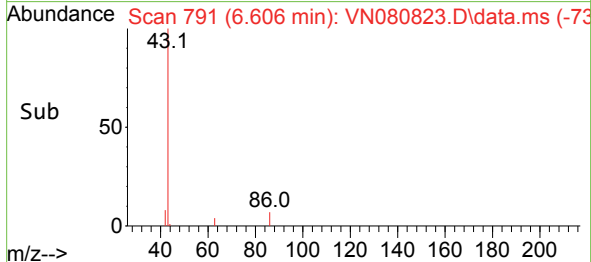
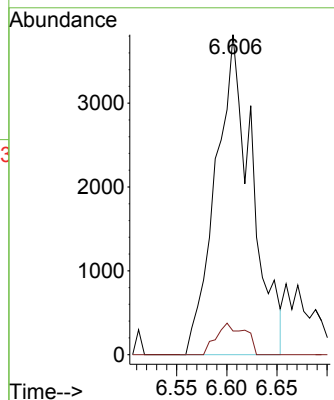
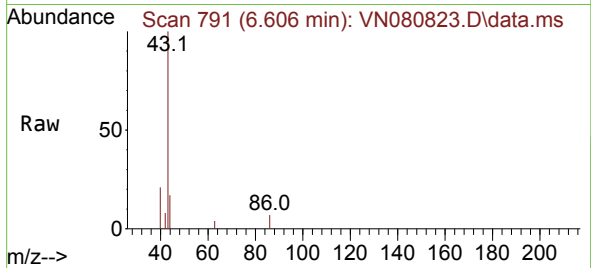




#23
 Vinyl Acetate
 Concen: 2.174 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

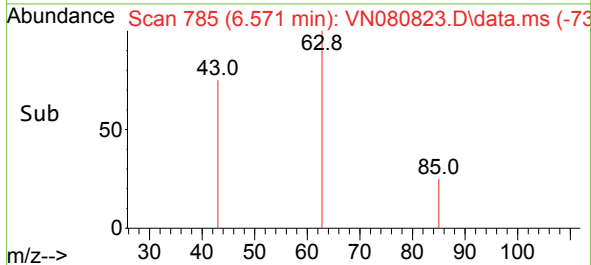
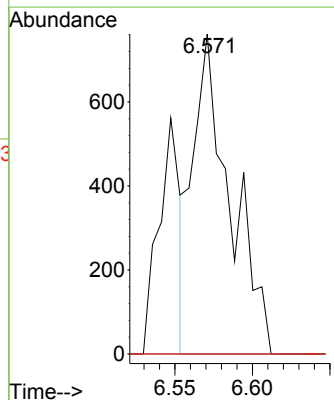
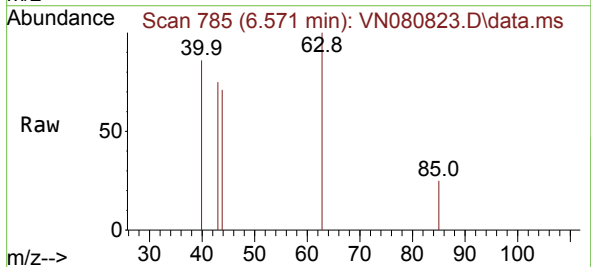
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

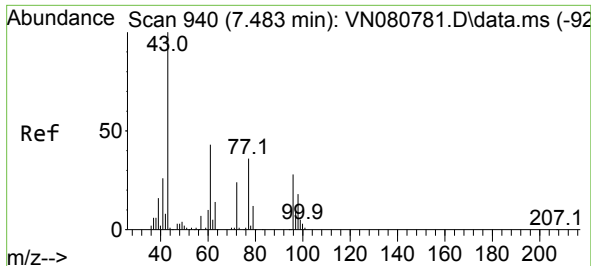
Tgt Ion: 43 Resp: 9638
 Ion Ratio Lower Upper
 43 100
 86 7.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 0.409 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

Tgt Ion: 63 Resp: 1271
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.6#
 100 0.0 1.9 5.7#

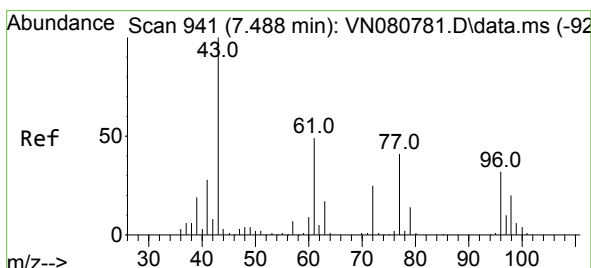
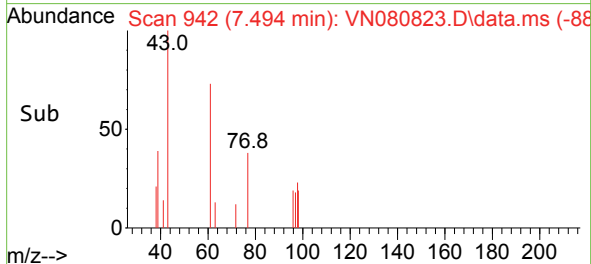
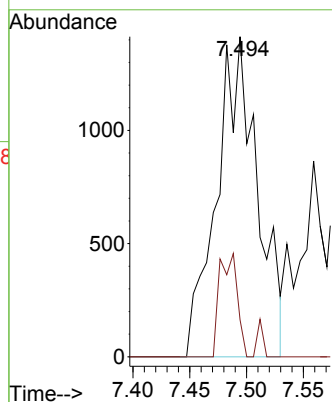
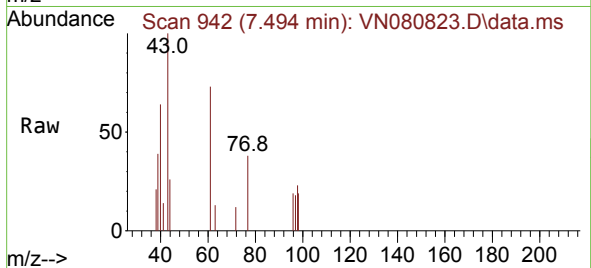




#25
2-Butanone
Concen: 2.958 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

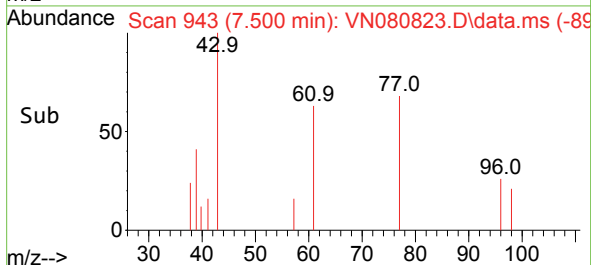
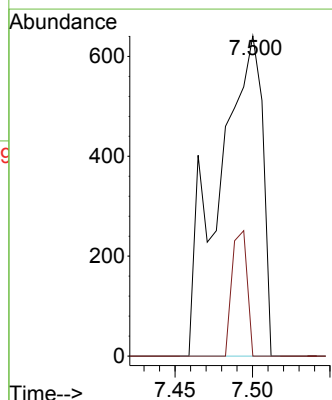
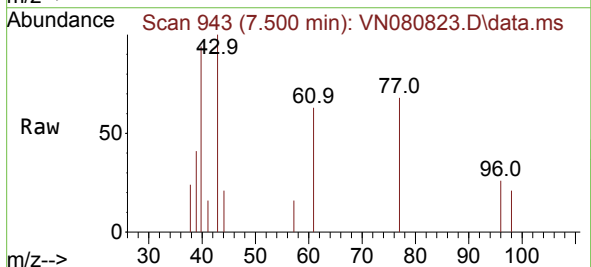
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

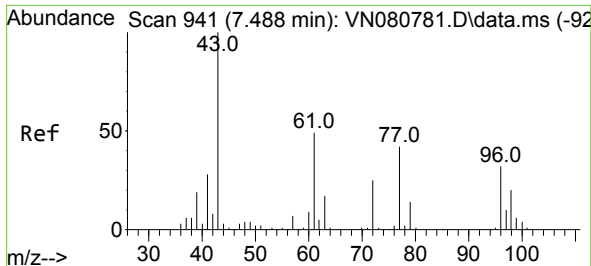
Tgt Ion: 43 Resp: 3528
Ion Ratio Lower Upper
43 100
72 14.3 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 0.496 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 77 Resp: 1246
Ion Ratio Lower Upper
77 100
97 13.6 11.5 34.5

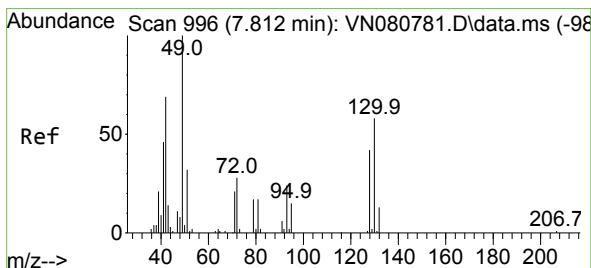
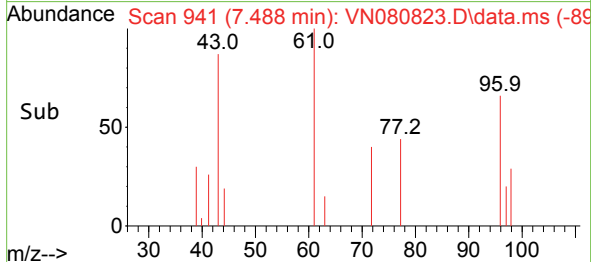
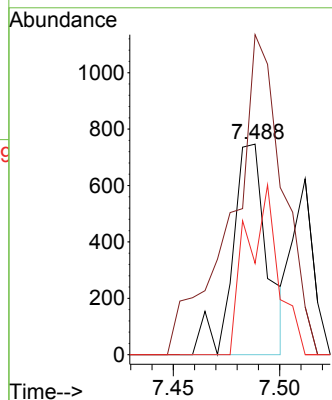
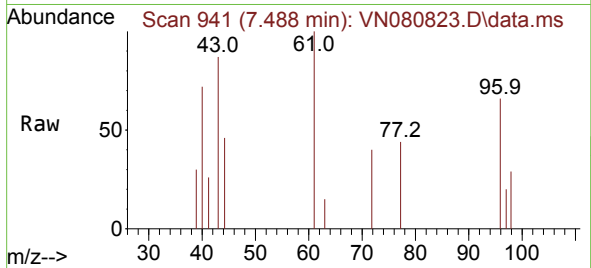




#27
 cis-1,2-Dichloroethene
 Concen: 0.480 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

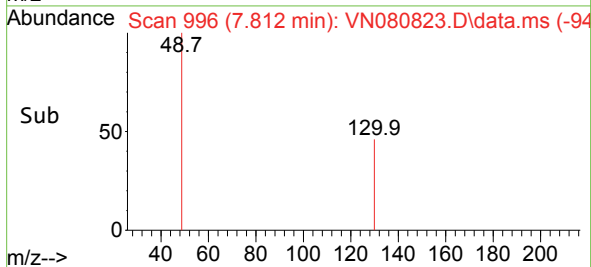
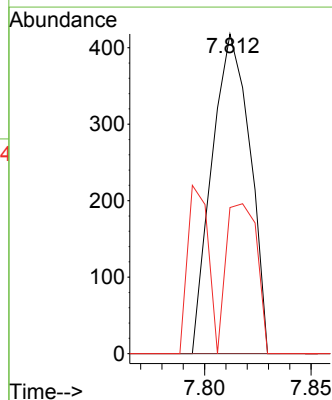
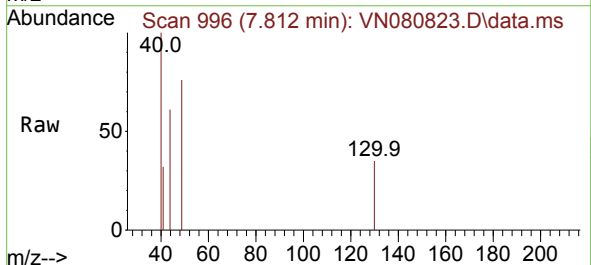
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

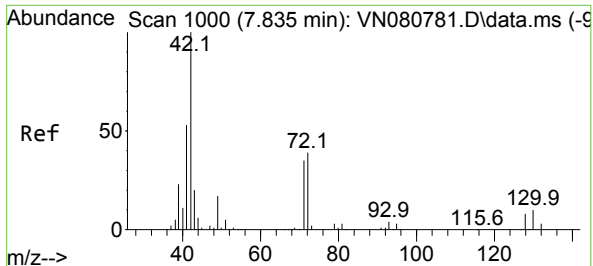
Tgt Ion: 96	Resp:	848	
Ion	Ratio	Lower	Upper
96	100		
61	225.2	0.0	325.4
98	73.6	0.0	130.4



#28
 Bromochloromethane
 Concen: 0.315 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

Tgt Ion: 49	Resp:	518	
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.6
130	38.0	42.3	63.5#





#29

Tetrahydrofuran

Concen: 3.233 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

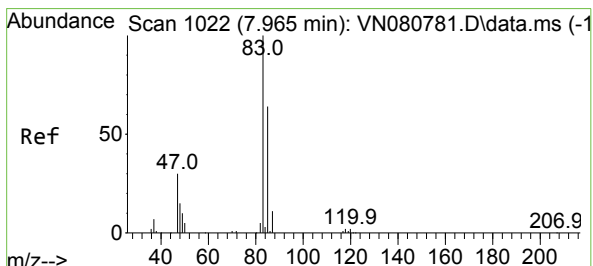
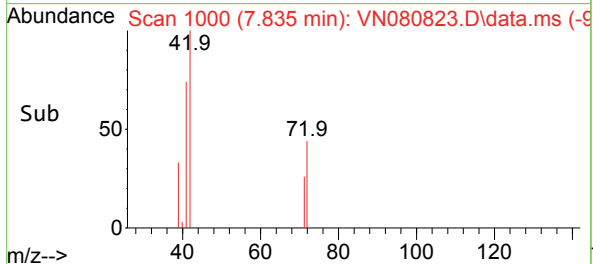
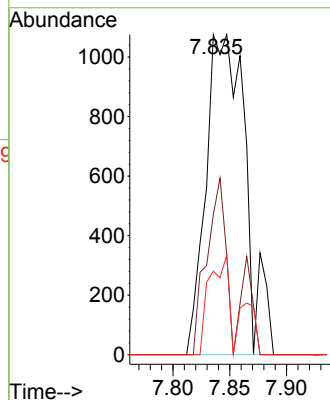
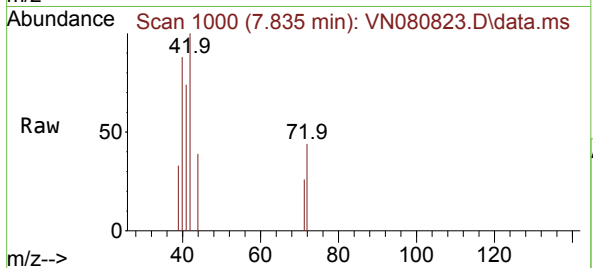
Tgt Ion: 42 Resp: 2609

Ion Ratio Lower Upper

42 100

72 26.7 31.1 46.7#

71 15.1 28.3 42.5#



#30

Chloroform

Concen: 0.737 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN080823.D

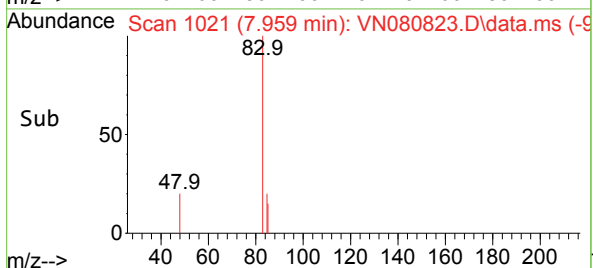
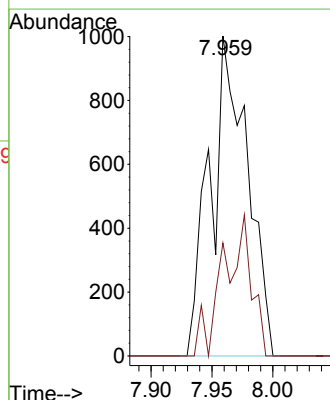
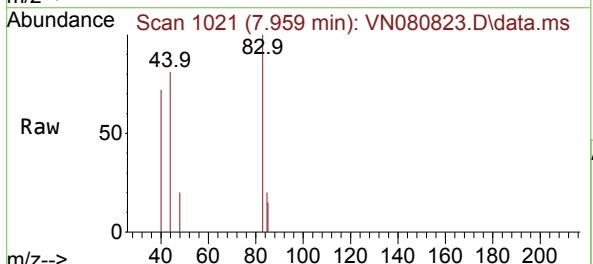
Acq: 30 Jan 2024 18:46

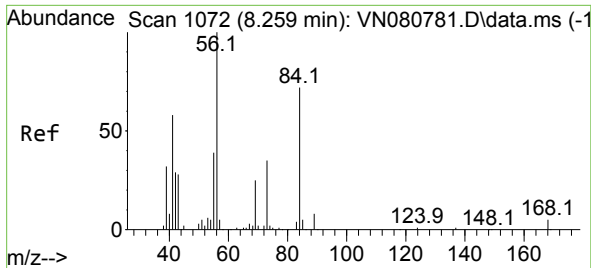
Tgt Ion: 83 Resp: 2126

Ion Ratio Lower Upper

83 100

85 35.3 51.0 76.6#

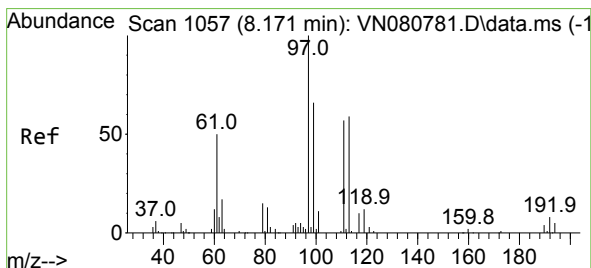
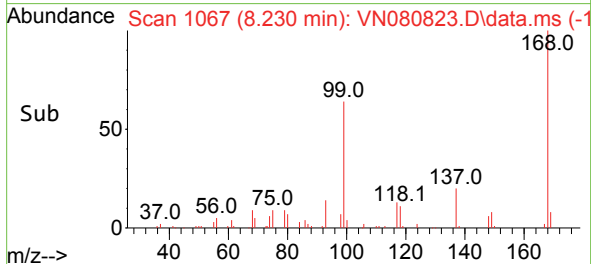
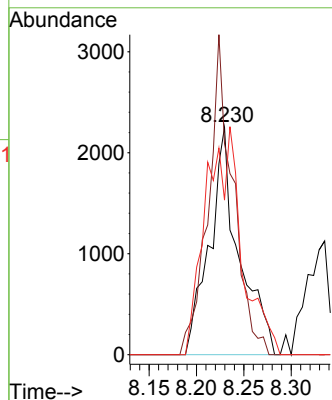
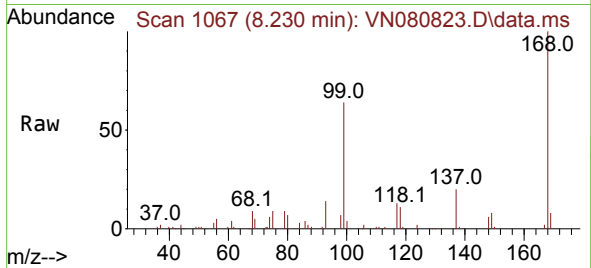




#31
Cyclohexane
Concen: 1.637 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

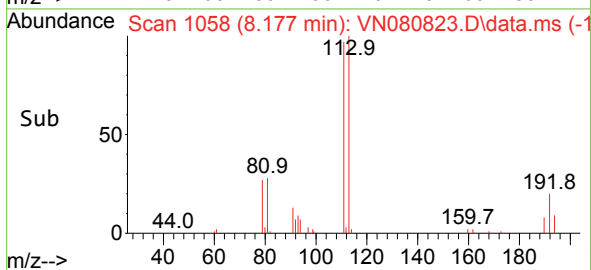
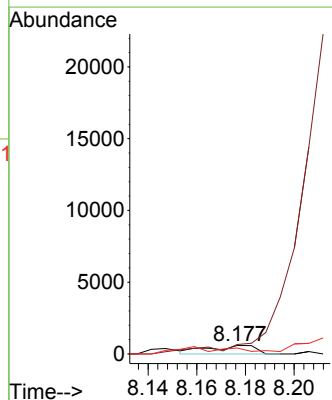
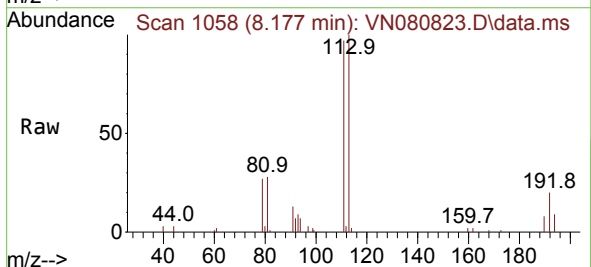
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

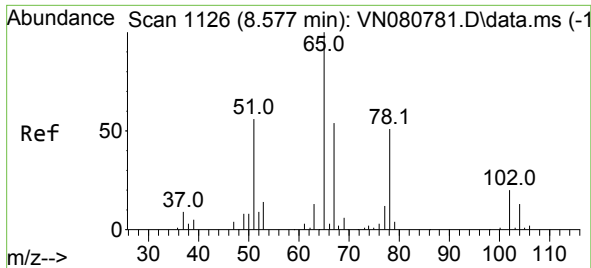
Tgt Ion: 56 Resp: 4860
Ion Ratio Lower Upper
56 100
69 92.9 20.1 30.1#
84 67.9 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 0.339 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 97 Resp: 794
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0#
61 0.0 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 50.509 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

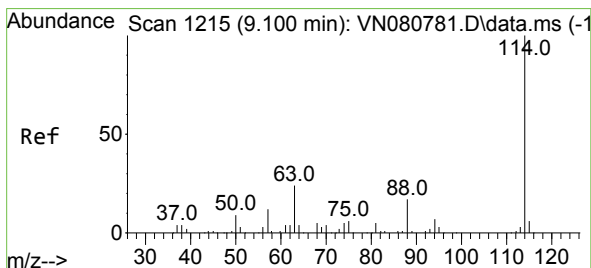
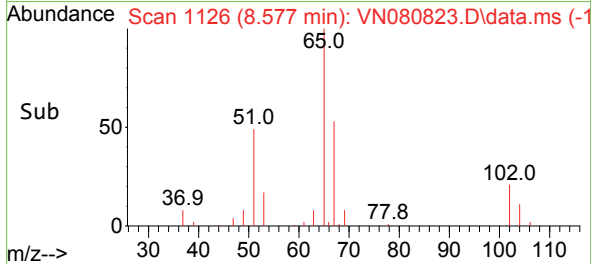
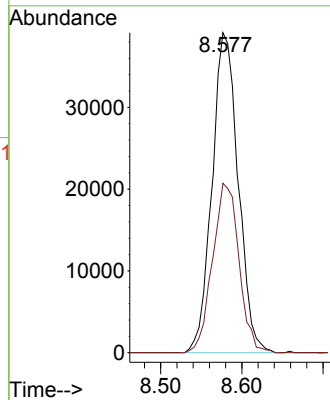
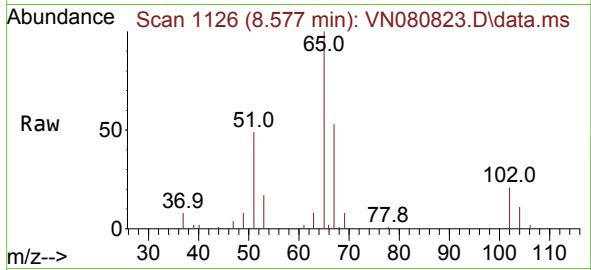
MDL-WATER-03-QT1-2024

Tgt Ion: 65 Resp: 87448

Ion Ratio Lower Upper

65 100

67 53.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

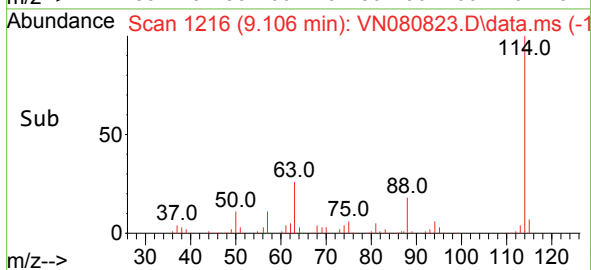
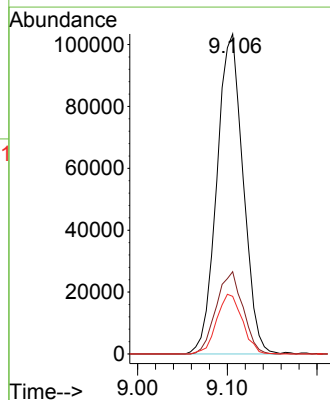
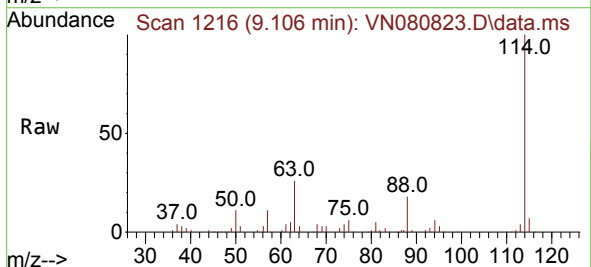
Tgt Ion: 114 Resp: 210113

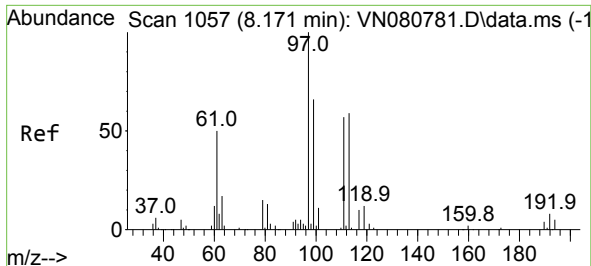
Ion Ratio Lower Upper

114 100

63 25.7 0.0 48.0

88 18.0 0.0 34.8

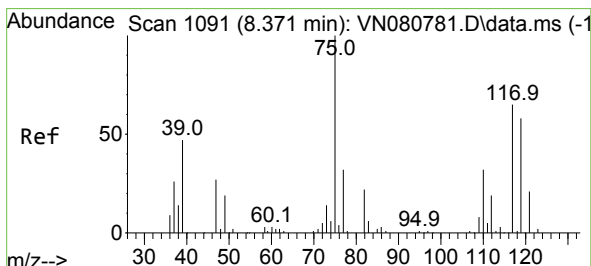
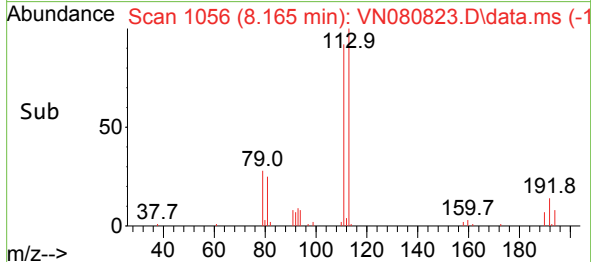
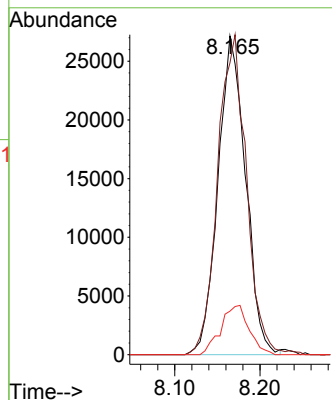
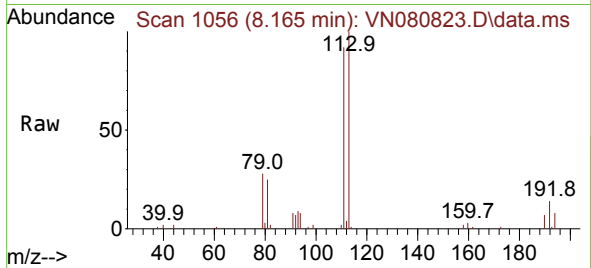




#35
Dibromofluoromethane
Concen: 47.574 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

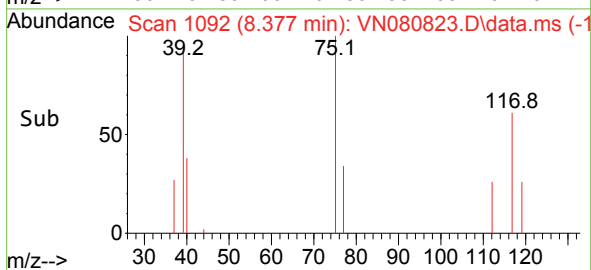
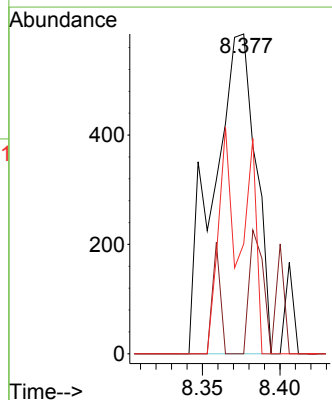
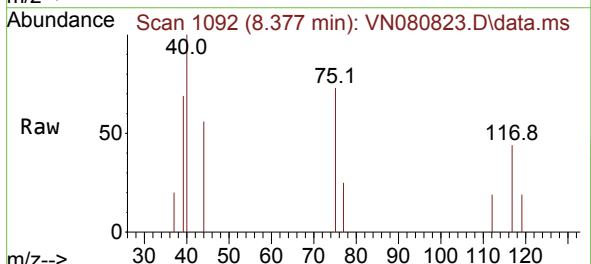
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

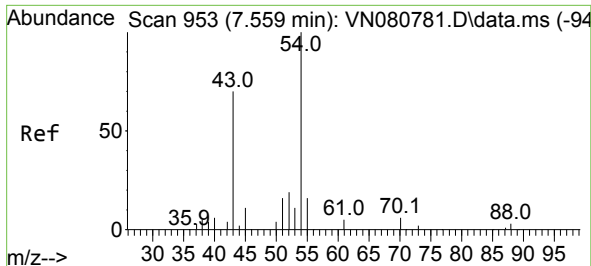
Tgt Ion:113 Resp: 61155
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 15.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 0.465 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 75 Resp: 1110
Ion Ratio Lower Upper
75 100
110 12.7 16.0 48.0#
77 0.0 25.8 38.6#

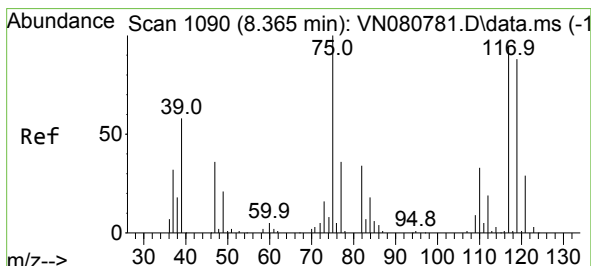
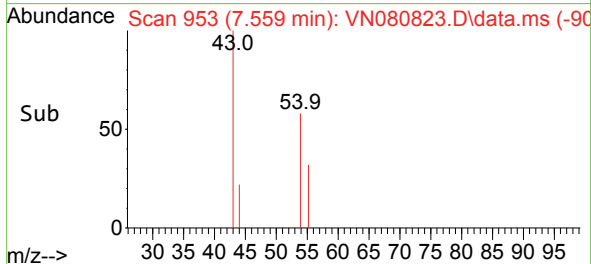
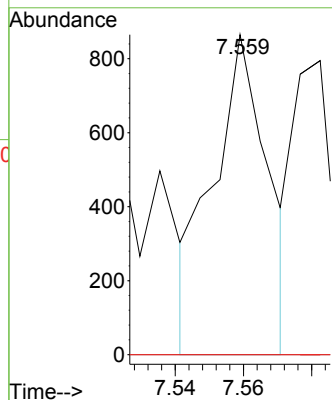
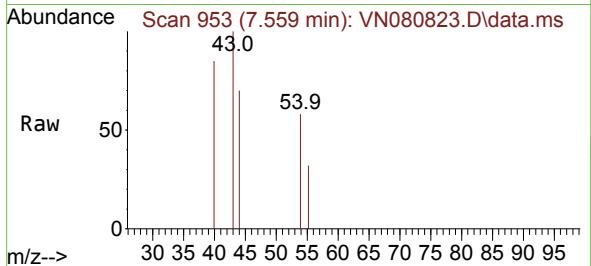




#37
Ethyl Acetate
Concen: 0.393 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

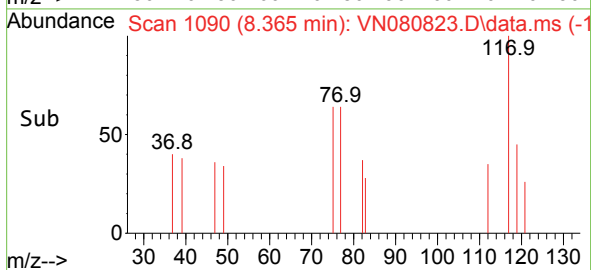
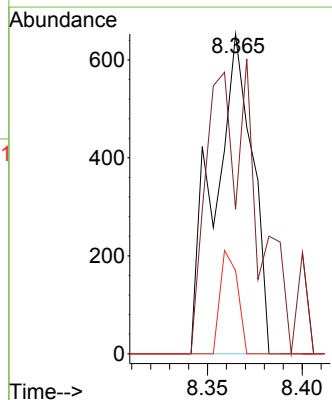
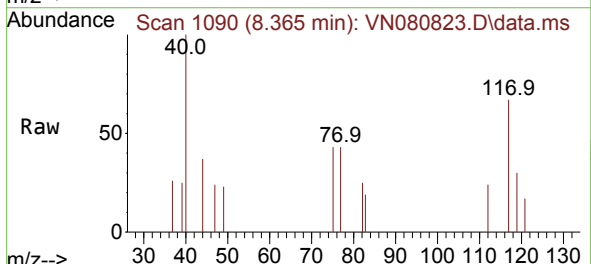
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

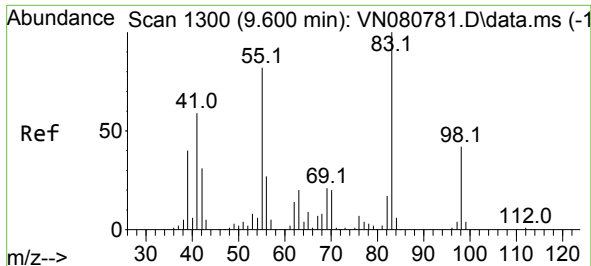
Tgt Ion: 43	Resp:	966
Ion	Ratio	Lower Upper
43	100	
61	0.0	10.6 15.8#
70	0.0	8.0 12.0#



#38
Carbon Tetrachloride
Concen: 0.471 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 117	Resp:	906
Ion	Ratio	Lower Upper
117	100	
119	45.2	73.4 110.2#
121	26.0	24.4 36.6





#39

Methylcyclohexane

Concen: 0.443 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.012 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

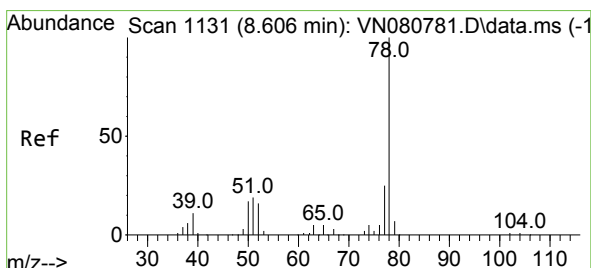
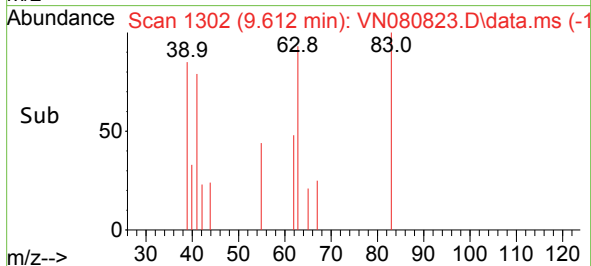
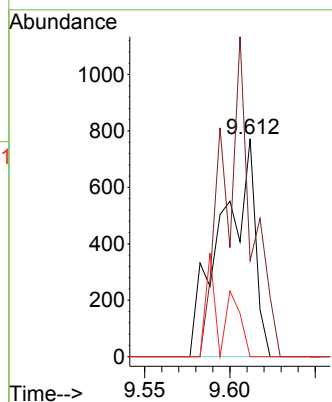
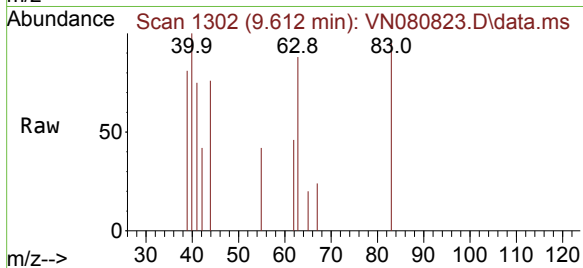
Tgt Ion: 83 Resp: 1052

Ion Ratio Lower Upper

83 100

55 44.2 65.7 98.5#

98 0.0 33.8 50.6#



#40

Benzene

Concen: 0.487 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080823.D

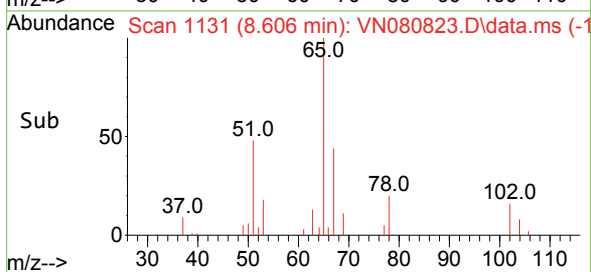
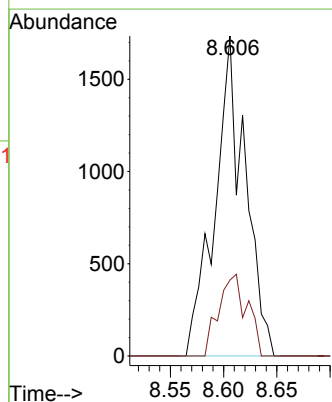
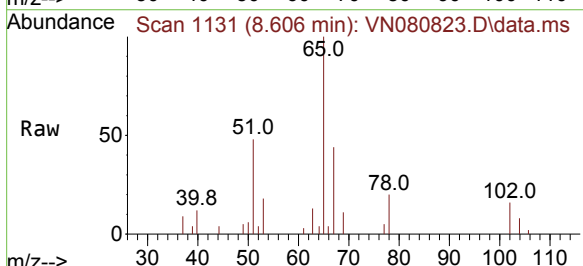
Acq: 30 Jan 2024 18:46

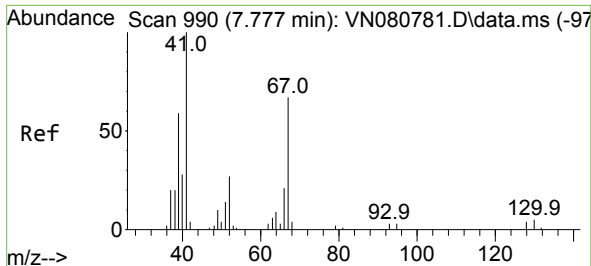
Tgt Ion: 78 Resp: 3423

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

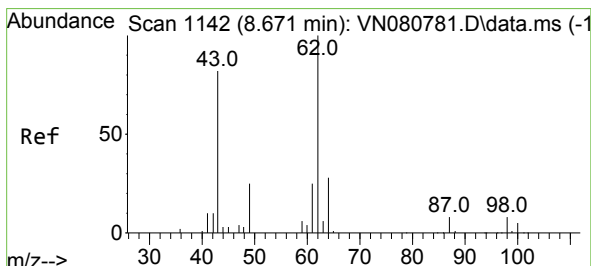
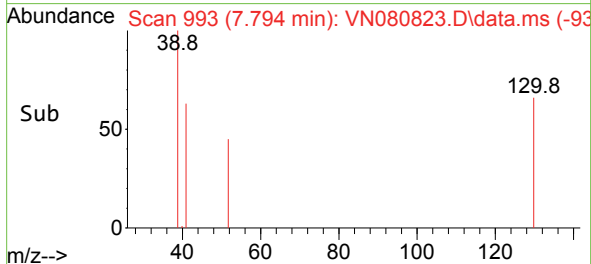
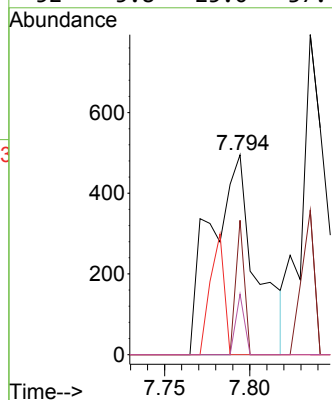
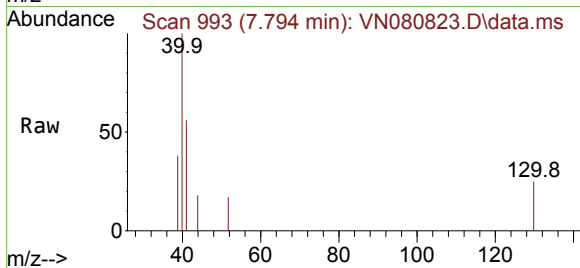




#41
Methacrylonitrile
Concen: 0.627 ug/l
RT: 7.794 min Scan# 990
Delta R.T. 0.018 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

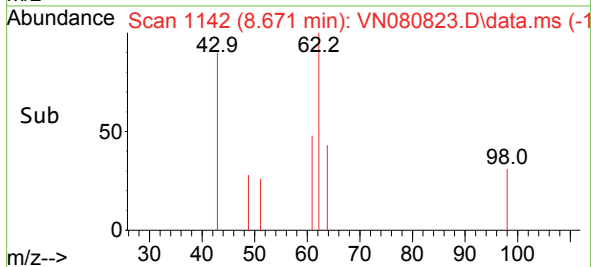
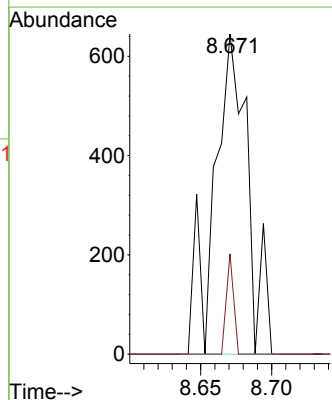
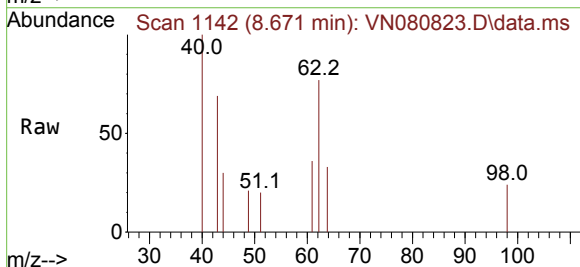
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

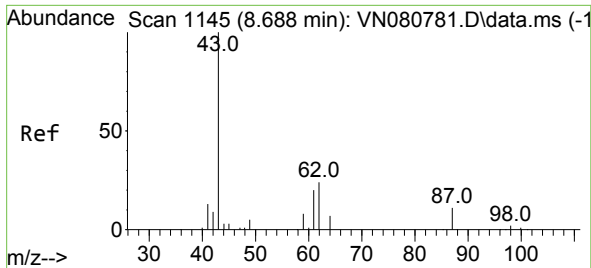
Tgt Ion:	41	Resp:	909
Ion	Ratio	Lower	Upper
41	100		
39	12.9	48.4	72.6#
67	18.6	56.8	85.2#
52	5.8	25.0	37.4#



#42
1,2-Dichloroethane
Concen: 0.468 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion:	62	Resp:	1071
Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	18.0

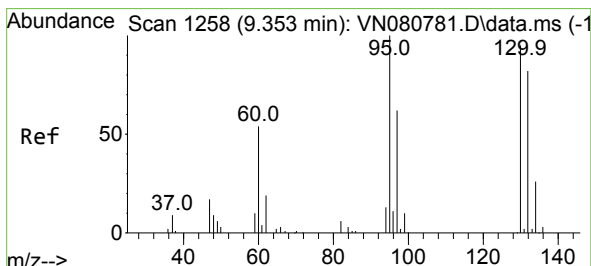
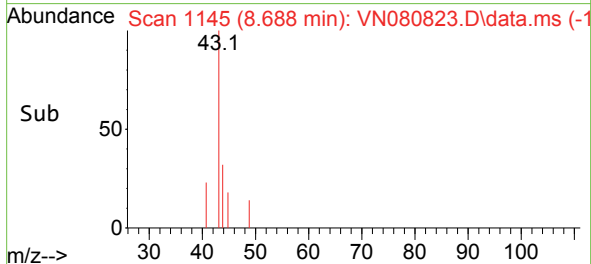
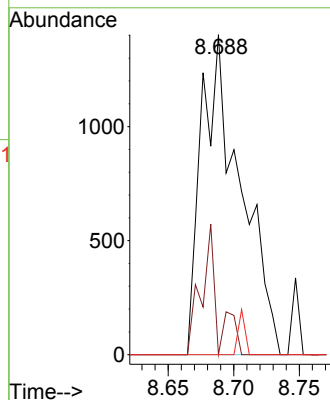
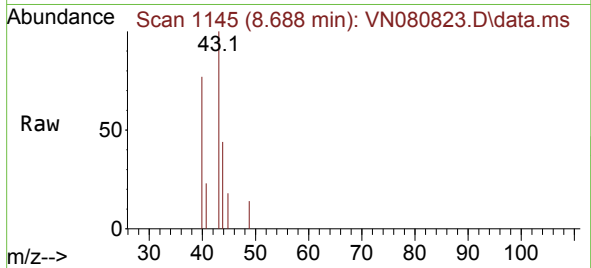




#43
Isopropyl Acetate
Concen: 0.651 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

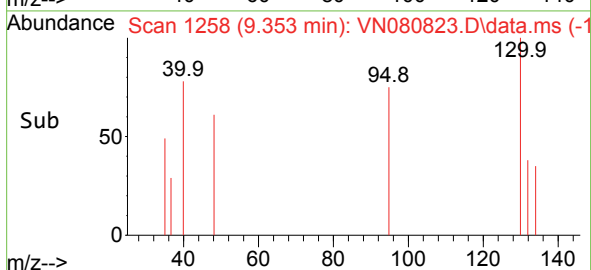
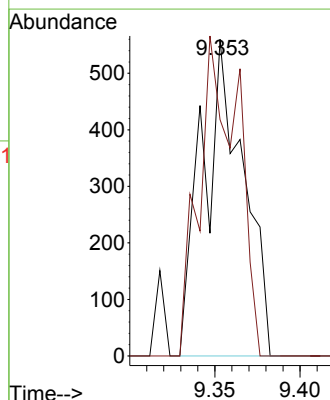
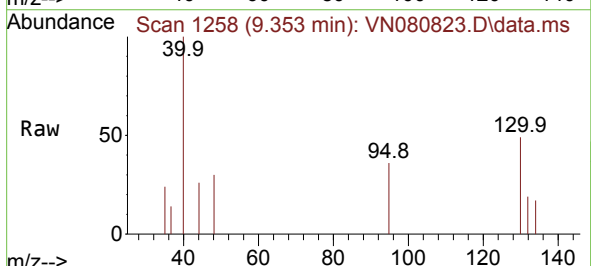
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

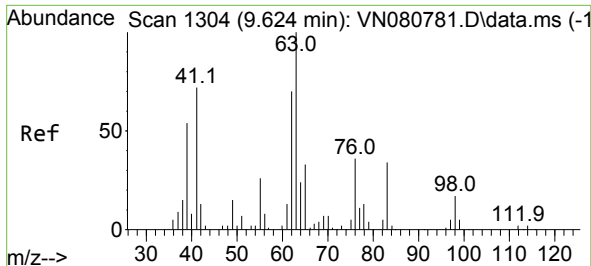
Tgt Ion: 43	Resp:	2916
Ion Ratio	Lower	Upper
43	100	
61	17.5	19.9 29.9#
87	0.0	9.0 13.6#



#44
Trichloroethene
Concen: 0.608 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 130	Resp:	940
Ion Ratio	Lower	Upper
130	100	
95	74.6	0.0 210.4





#45

1,2-Dichloropropane

Concen: 0.601 ug/l

RT: 9.612 min Scan# 1142

Delta R.T. -0.012 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

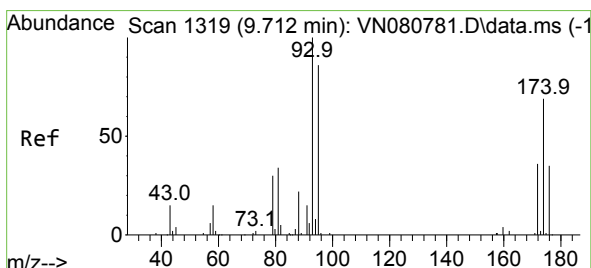
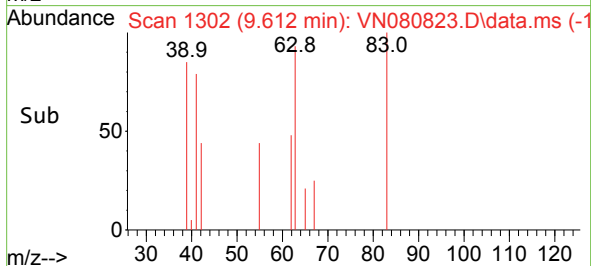
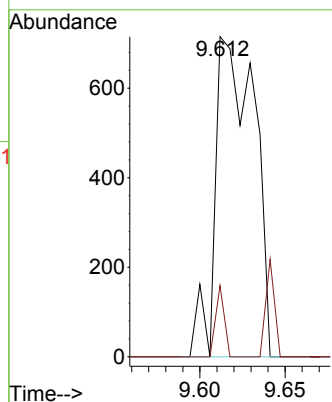
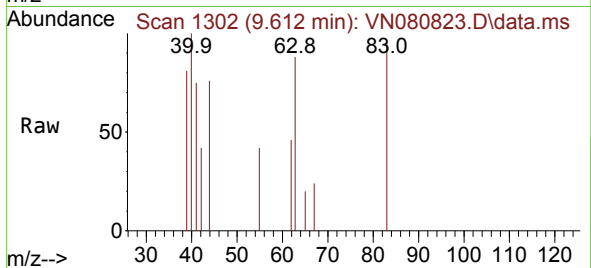
MDL-WATER-03-QT1-2024

Tgt Ion: 63 Resp: 1142

Ion Ratio Lower Upper

63 100

65 22.2 26.1 39.1#



#46

Dibromomethane

Concen: 0.527 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

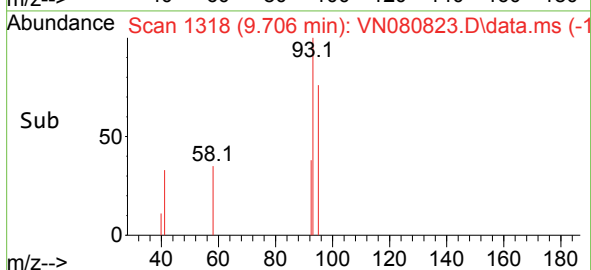
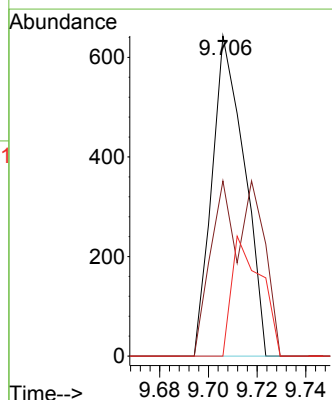
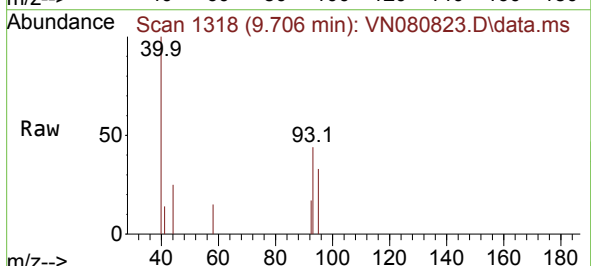
Tgt Ion: 93 Resp: 594

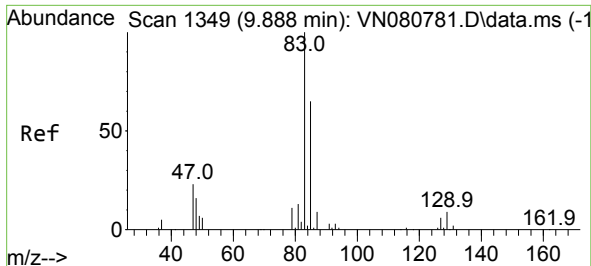
Ion Ratio Lower Upper

93 100

95 77.4 68.1 102.1

174 33.8 57.2 85.8#

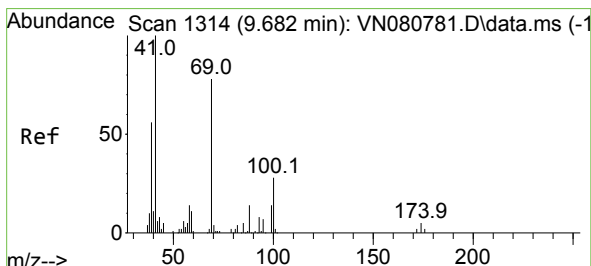
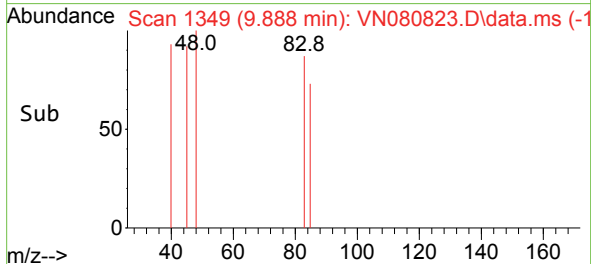
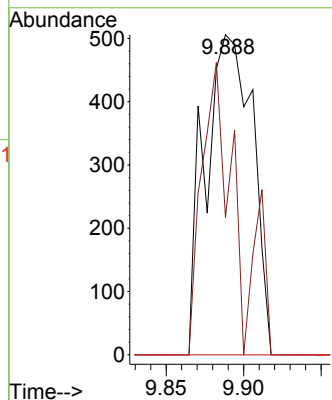
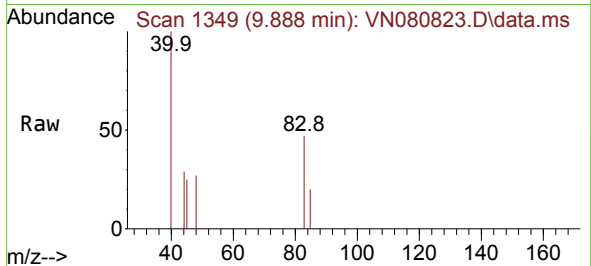




#47
Bromodichloromethane
Concen: 0.470 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

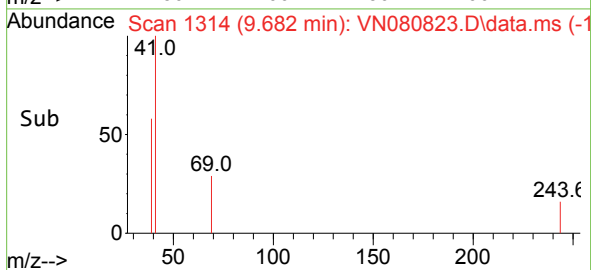
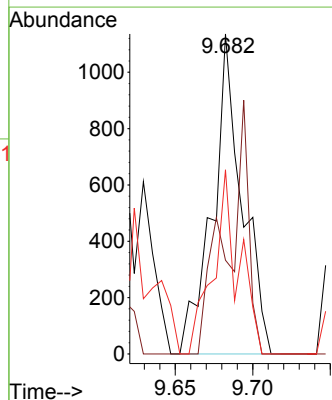
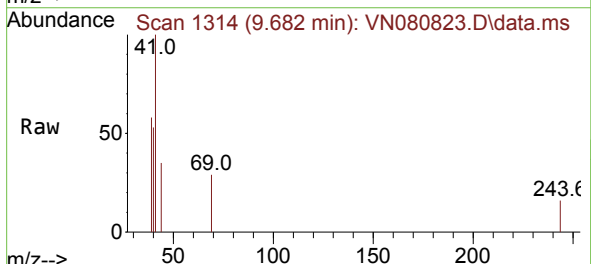
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

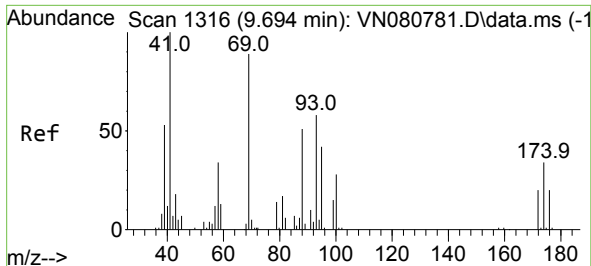
Tgt Ion: 83 Resp: 1075
Ion Ratio Lower Upper
83 100
85 42.9 52.3 78.5#
127 0.0 4.6 7.0#



#48
Methyl methacrylate
Concen: 0.691 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 41 Resp: 1500
Ion Ratio Lower Upper
41 100
69 58.7 62.2 93.2#
39 49.7 47.6 71.4





#49

1,4-Dioxane

Concen: 2.447 ug/l

RT: 9.659 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

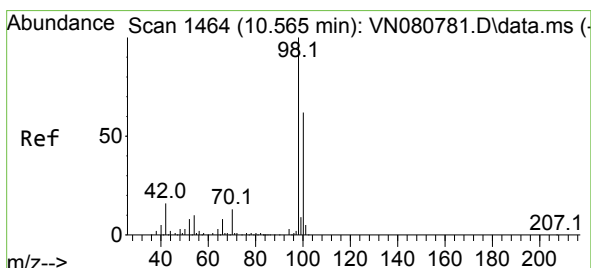
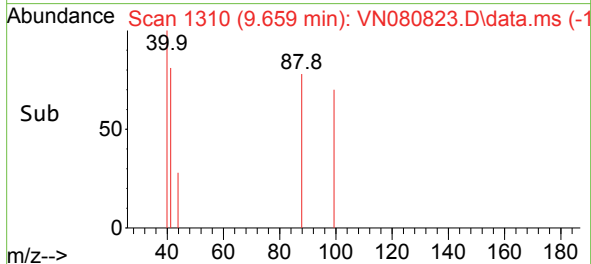
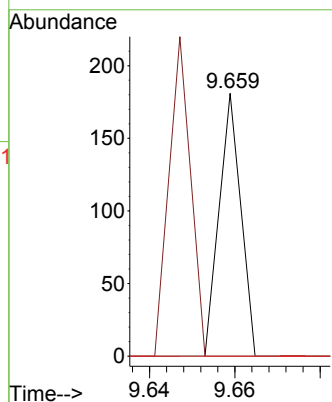
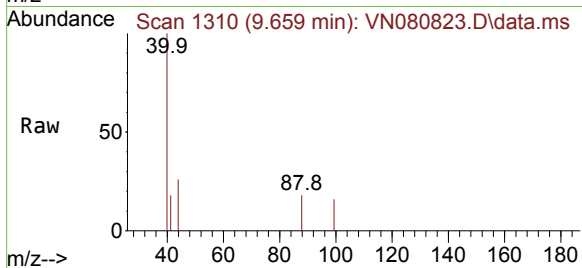
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 121.9 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 46.429 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080823.D

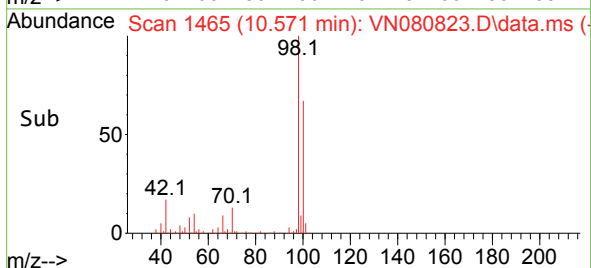
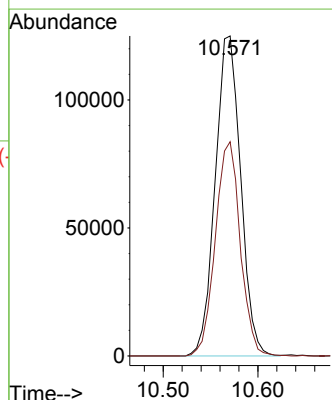
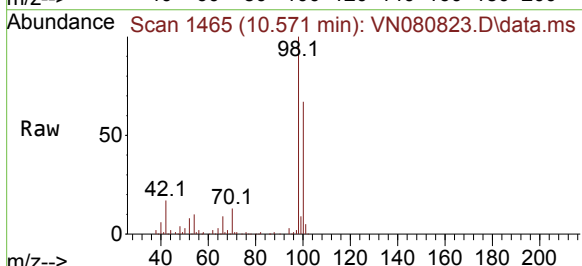
Acq: 30 Jan 2024 18:46

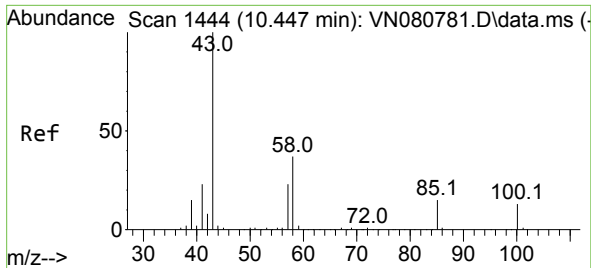
Tgt Ion: 98 Resp: 233598

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.0

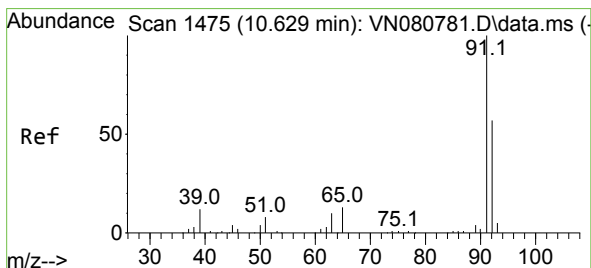
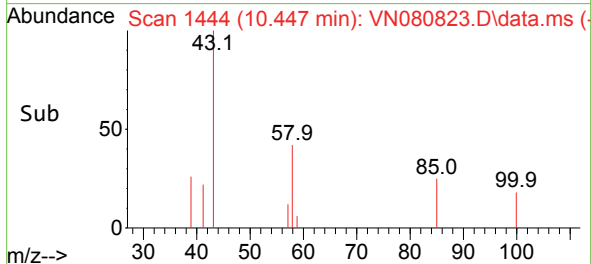
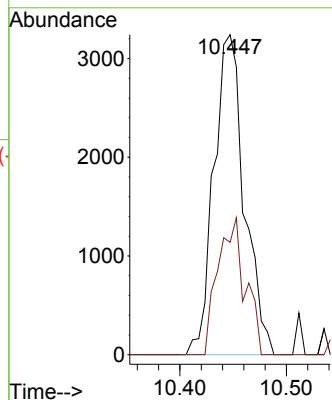
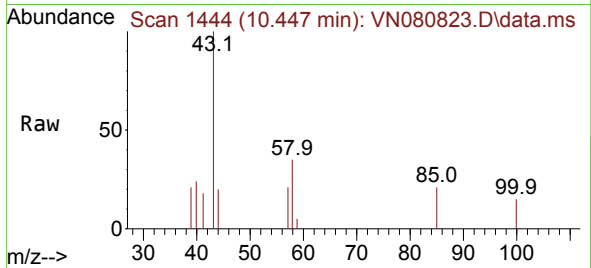




#51
4-Methyl-2-Pentanone
Concen: 2.574 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

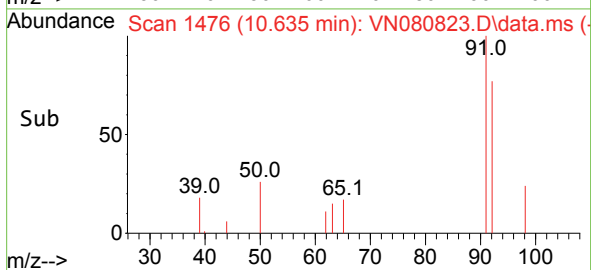
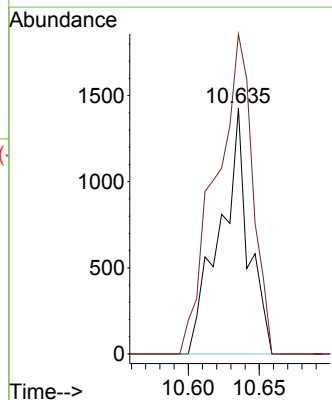
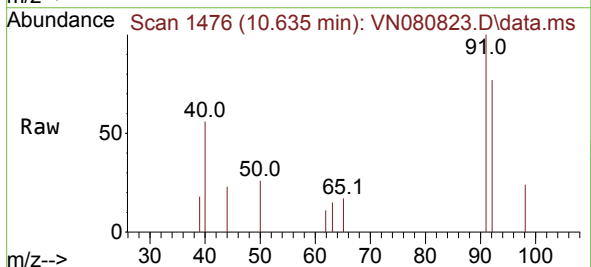
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

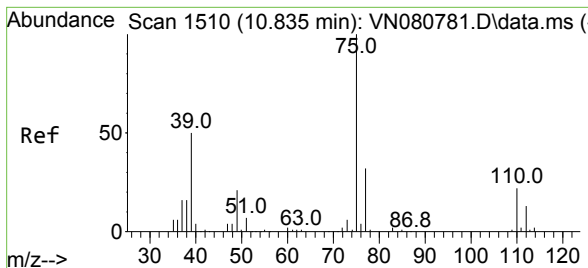
Tgt Ion: 43 Resp: 6443
Ion Ratio Lower Upper
43 100
58 38.4 29.4 44.0



#52
Toluene
Concen: 0.494 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 92 Resp: 1990
Ion Ratio Lower Upper
92 100
91 168.9 139.4 209.0

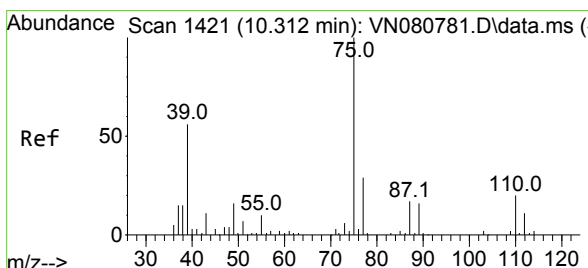
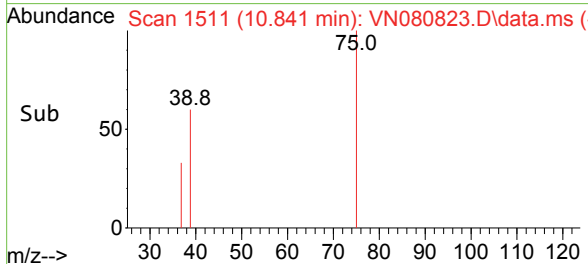
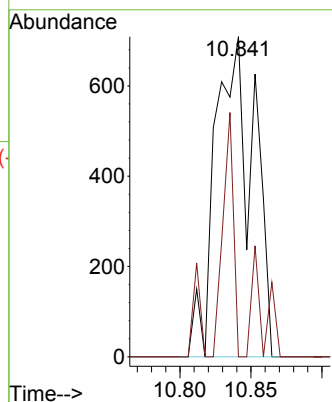
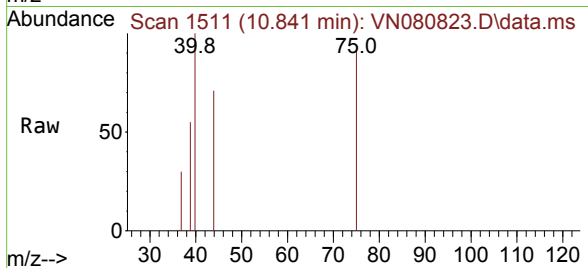




#53
 t-1,3-Dichloropropene
 Concen: 0.499 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

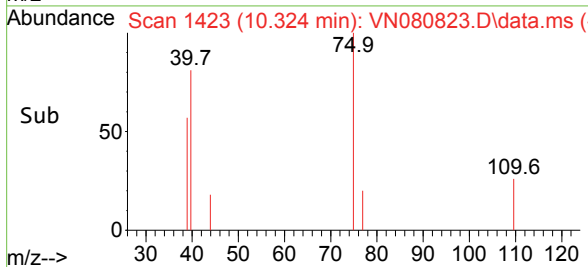
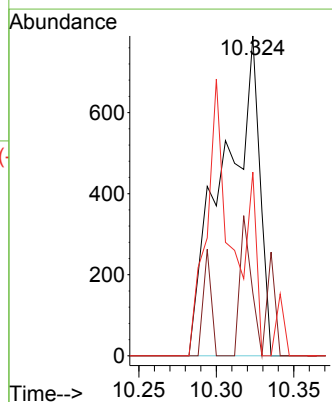
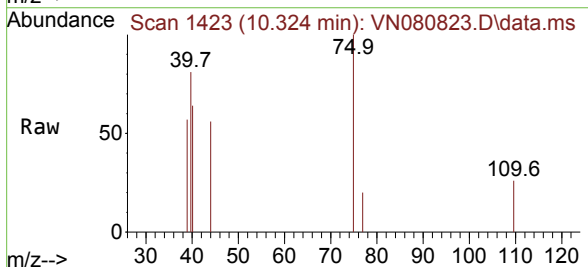
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

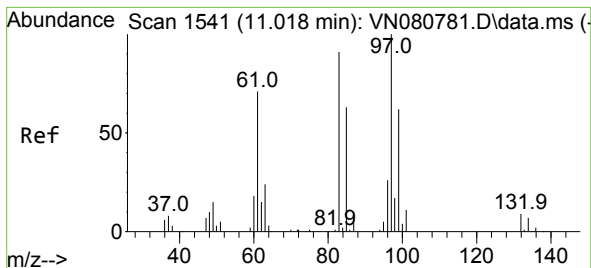
Tgt Ion: 75 Resp: 1329
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 0.438 ug/l
 RT: 10.324 min Scan# 1423
 Delta R.T. 0.012 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

Tgt Ion: 75 Resp: 1270
 Ion Ratio Lower Upper
 75 100
 77 19.6 23.3 34.9#
 39 138.9 44.6 66.8#





#55

1,1,2-Trichloroethane

Concen: 0.410 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080823.D

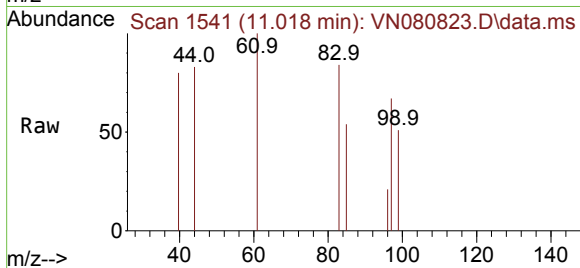
Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 97 Resp: 634

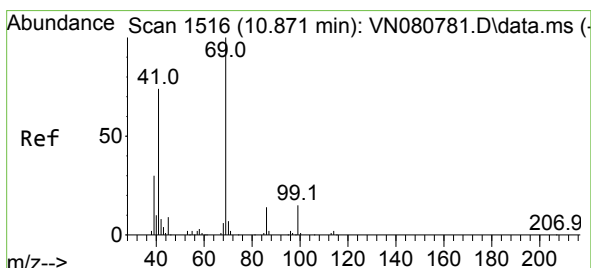
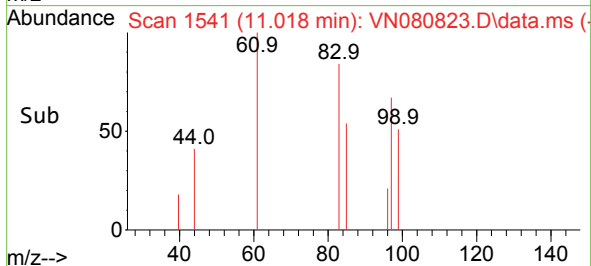
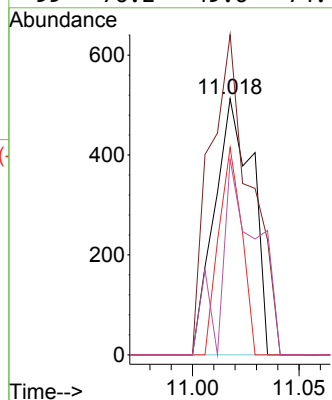
Ion Ratio Lower Upper

97 100

83 125.0 72.9 109.3#

85 80.9 50.2 75.2#

99 76.2 49.6 74.4#



#56

Ethyl methacrylate

Concen: 0.426 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.005 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

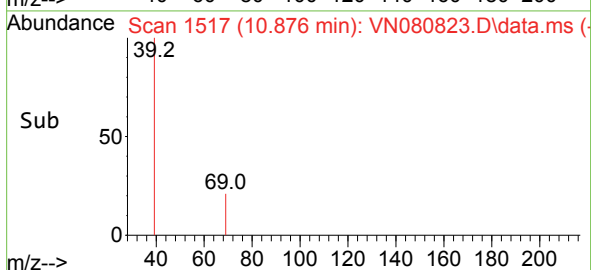
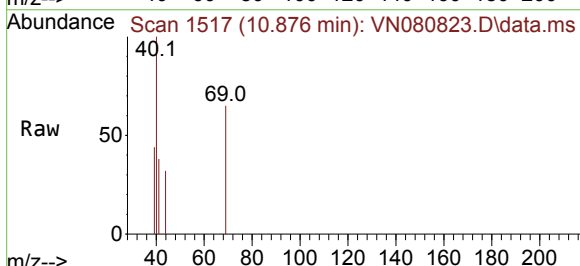
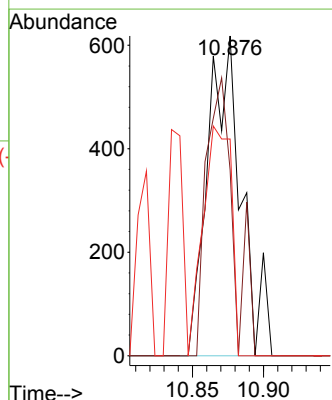
Tgt Ion: 69 Resp: 1013

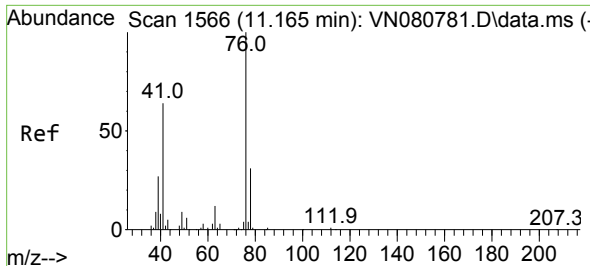
Ion Ratio Lower Upper

69 100

41 70.6 61.0 91.6

39 60.4 31.8 47.6#

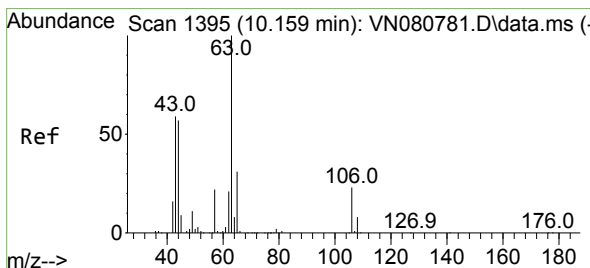
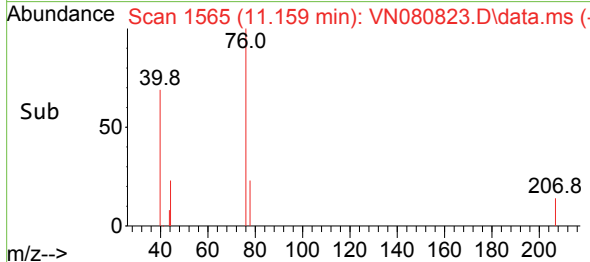
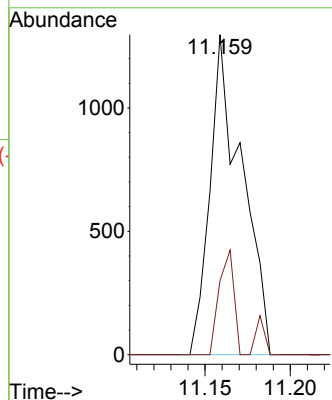
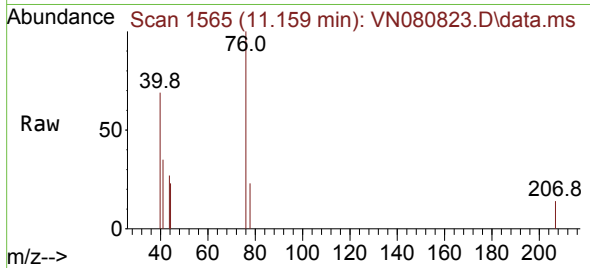




#57
1,3-Dichloropropane
Concen: 0.578 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

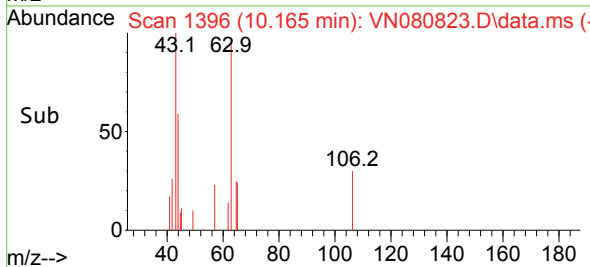
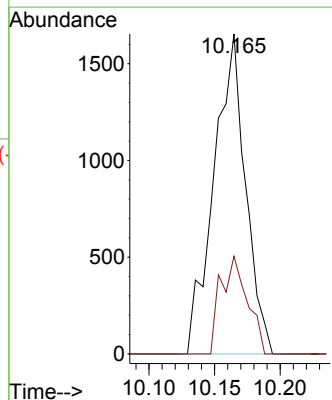
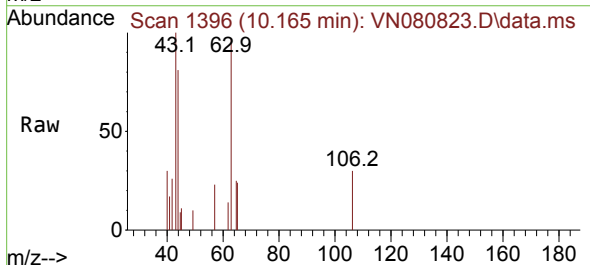
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

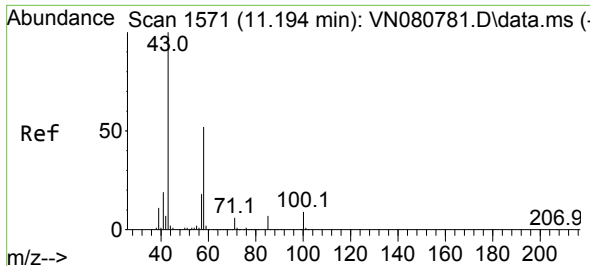
Tgt Ion: 76 Resp: 1683
Ion Ratio Lower Upper
76 100
78 15.2 25.5 38.3#



#58
2-Chloroethyl Vinyl ether
Concen: 2.002 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 63 Resp: 2776
Ion Ratio Lower Upper
63 100
106 25.8 18.6 28.0

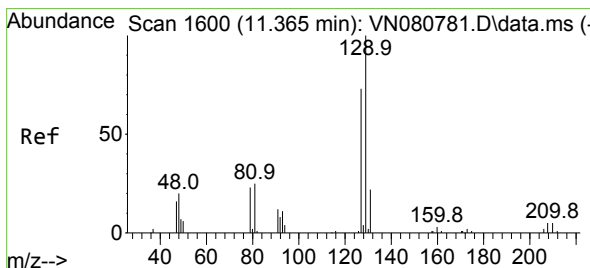
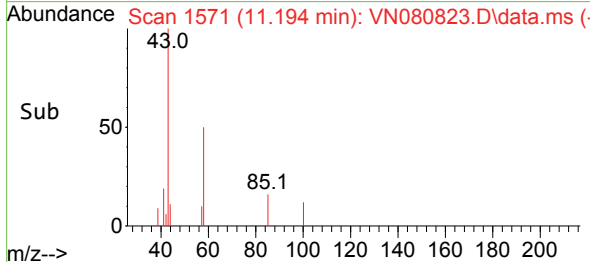
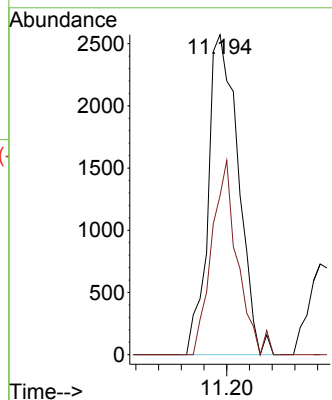
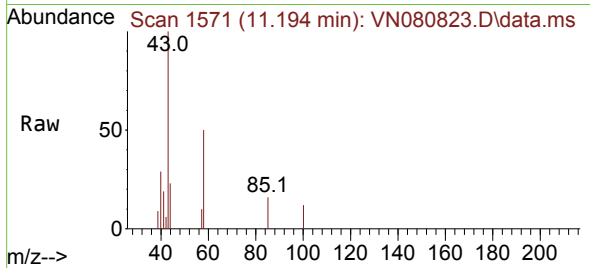




#59
2-Hexanone
Concen: 2.442 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

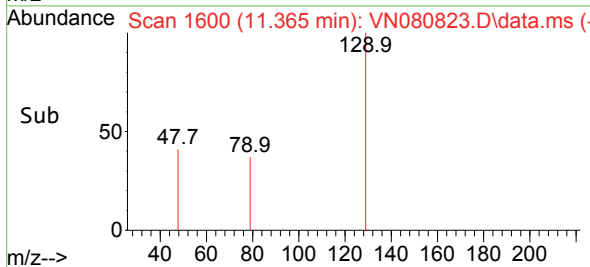
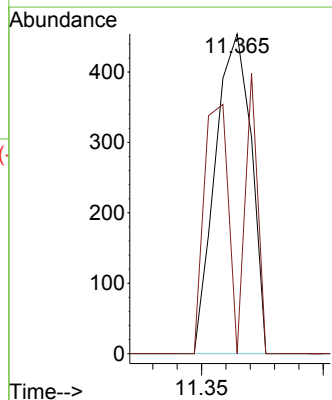
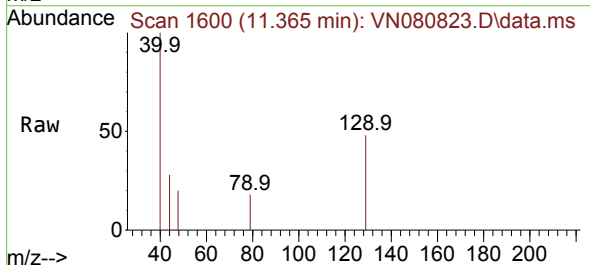
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

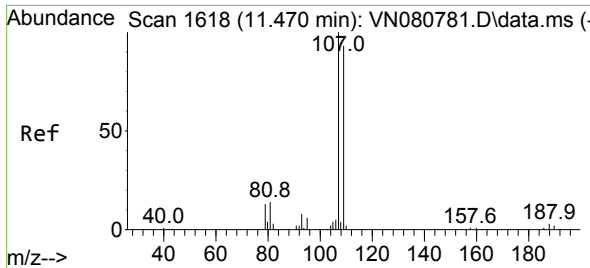
Tgt Ion: 43 Resp: 4749
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8



#60
Dibromochloromethane
Concen: 0.324 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 129 Resp: 466
Ion Ratio Lower Upper
129 100
127 82.6 39.4 118.2

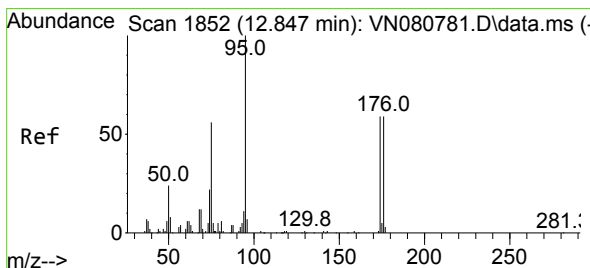
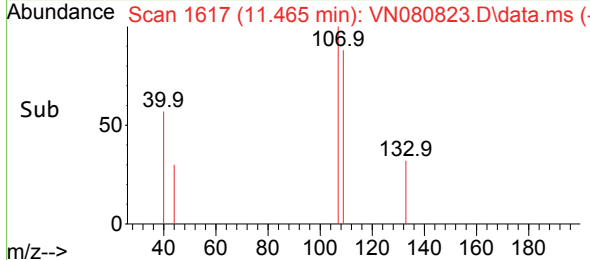
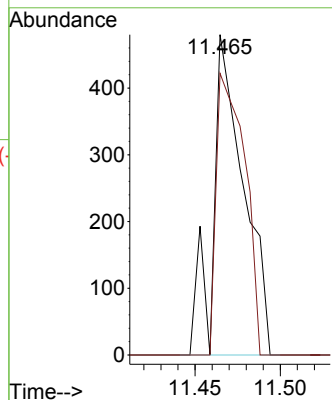
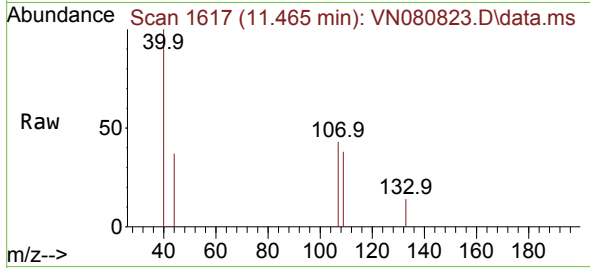




#61
1,2-Dibromoethane
Concen: 0.417 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

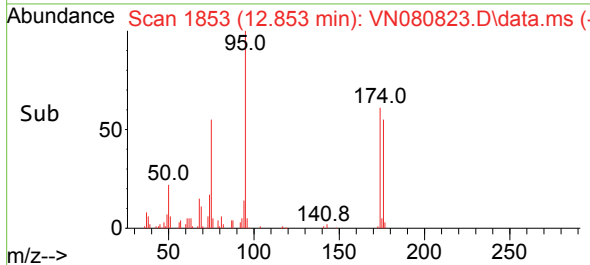
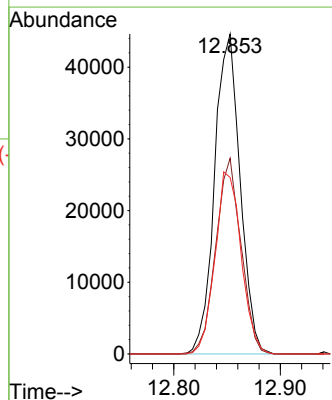
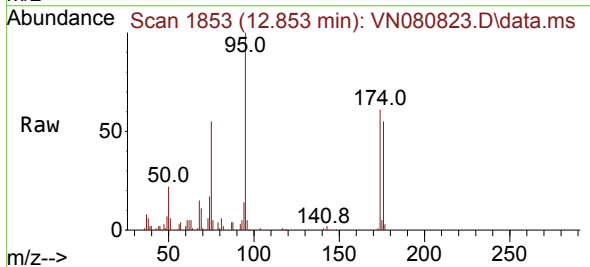
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

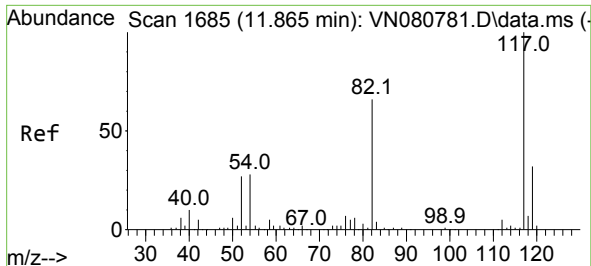
Tgt Ion:107 Resp: 604
Ion Ratio Lower Upper
107 100
109 81.3 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 42.354 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 95 Resp: 74257
Ion Ratio Lower Upper
95 100
174 60.5 0.0 120.4
176 58.2 0.0 121.0

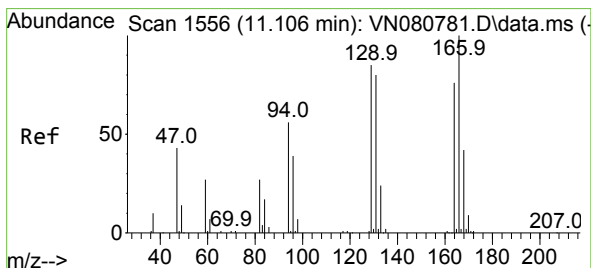
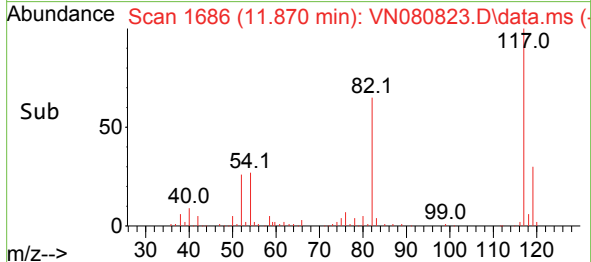
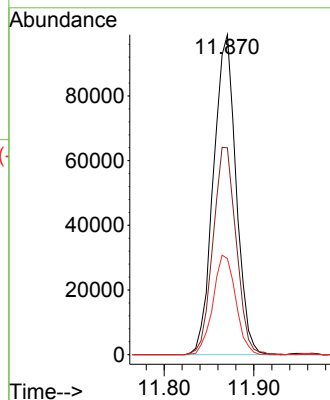
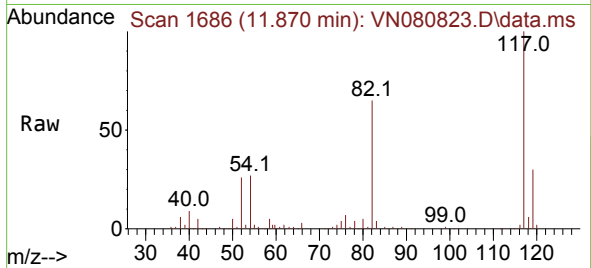




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

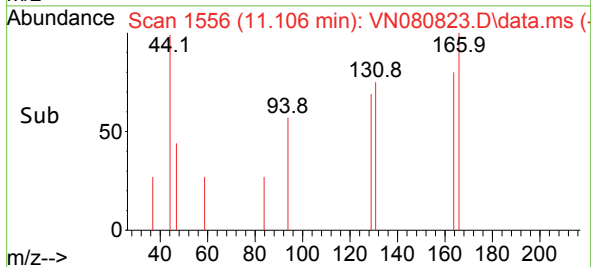
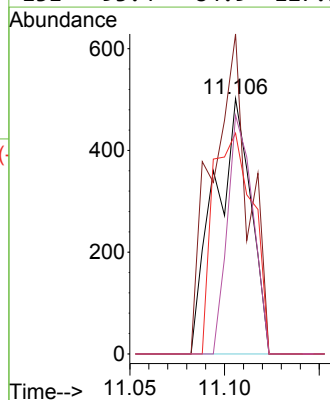
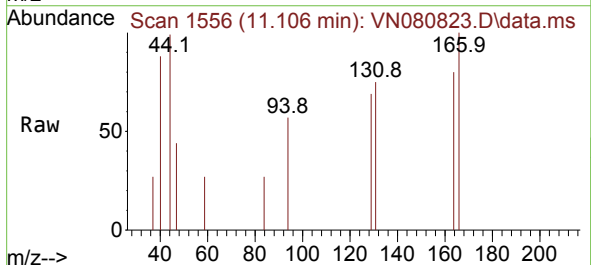
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

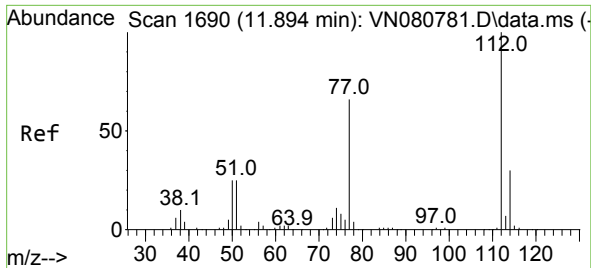
Tgt Ion:117 Resp: 173275
Ion Ratio Lower Upper
117 100
82 64.6 52.7 79.1
119 30.1 25.3 37.9



#64
Tetrachloroethene
Concen: 0.588 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion:164 Resp: 670
Ion Ratio Lower Upper
164 100
166 125.3 105.8 158.6
129 86.5 89.6 134.4#
131 93.4 84.9 127.3

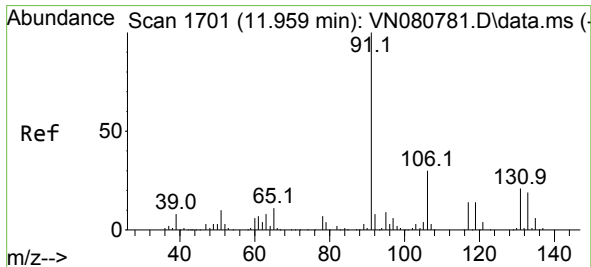
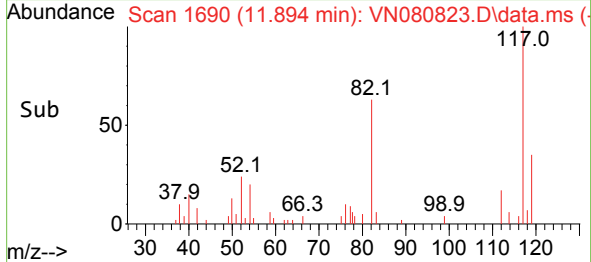
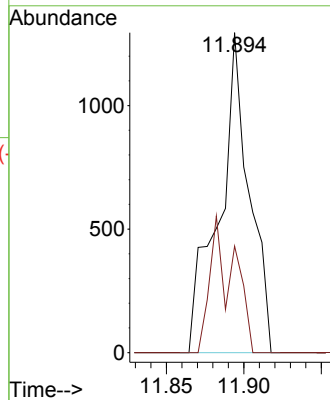
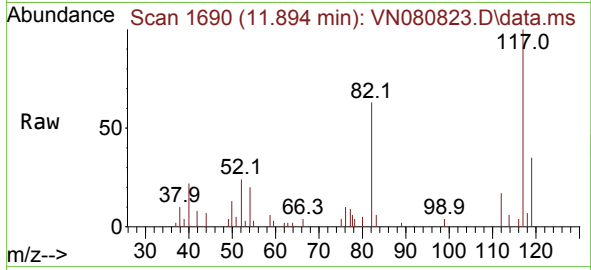




#65
Chlorobenzene
Concen: 0.467 ug/l
RT: 11.894 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

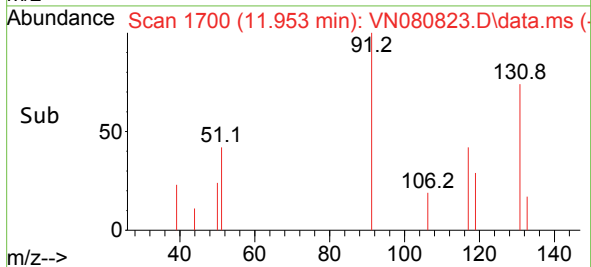
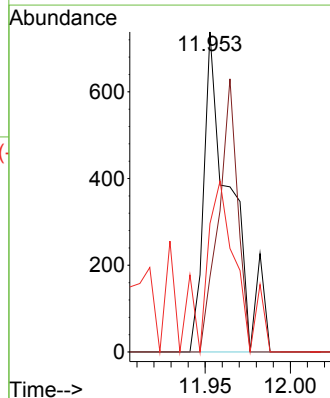
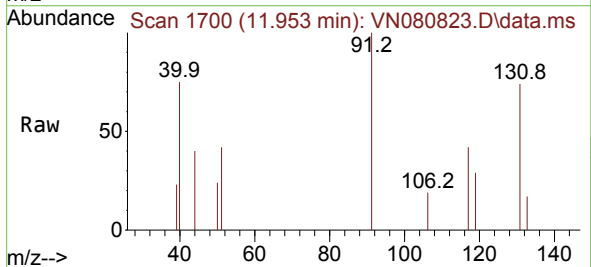
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

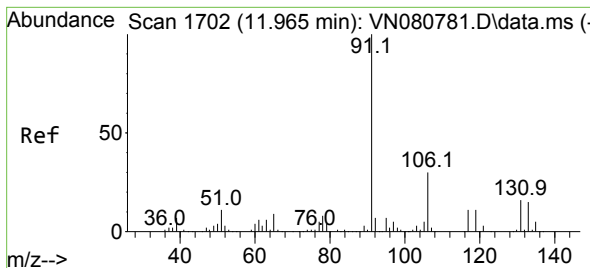
Tgt Ion:112 Resp: 1766
Ion Ratio Lower Upper
112 100
114 33.3 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.647 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion:131 Resp: 796
Ion Ratio Lower Upper
131 100
133 61.8 46.8 140.3
119 0.0 34.6 103.9#





#67

Ethyl Benzene

Concen: 0.467 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

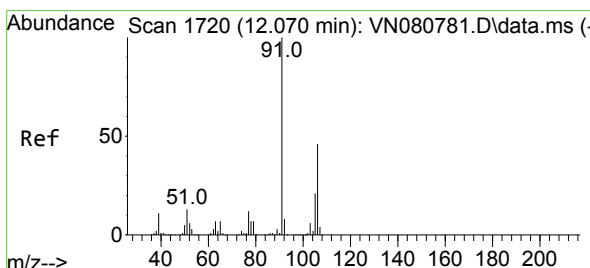
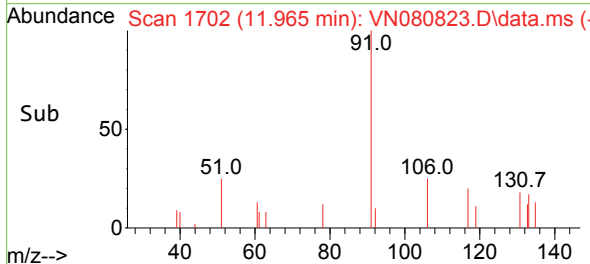
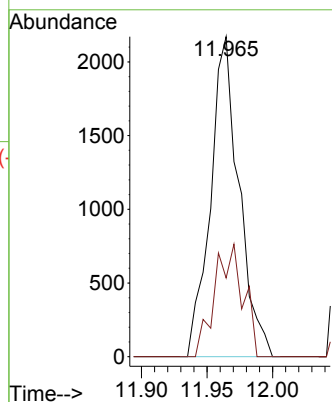
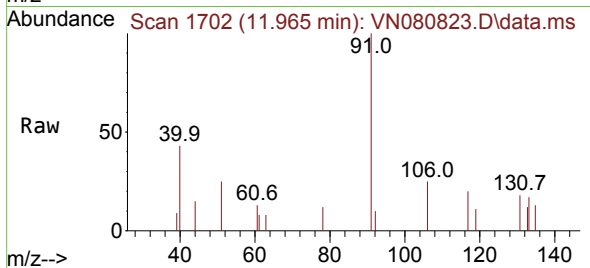
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 3285

Ion Ratio Lower Upper

91 100

106 24.6 23.8 35.6



#68

m/p-Xylenes

Concen: 0.775 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080823.D

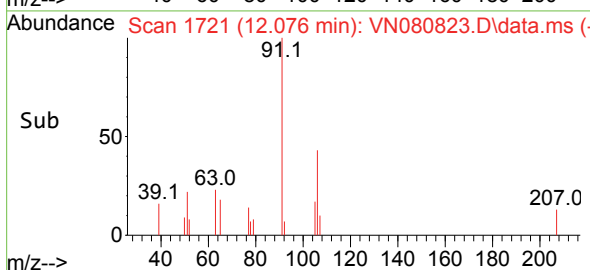
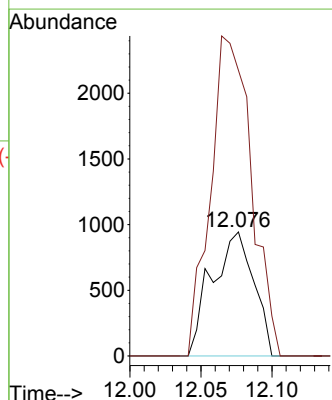
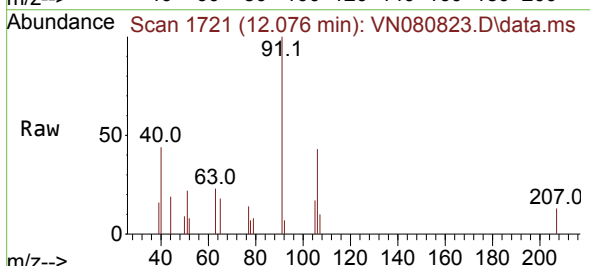
Acq: 30 Jan 2024 18:46

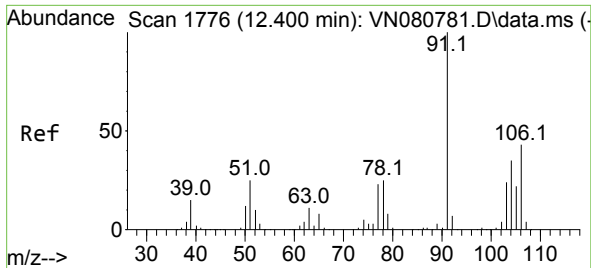
Tgt Ion: 106 Resp: 1934

Ion Ratio Lower Upper

106 100

91 252.3 169.0 253.6

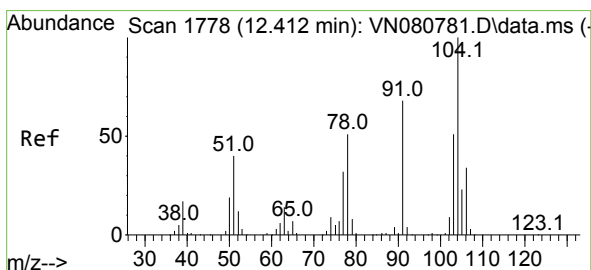
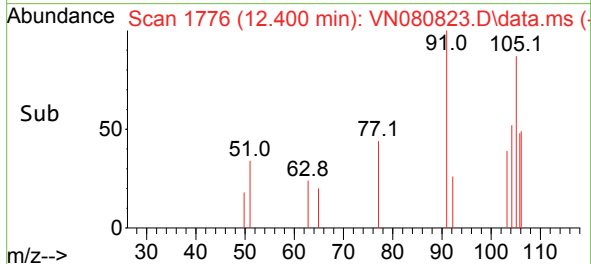
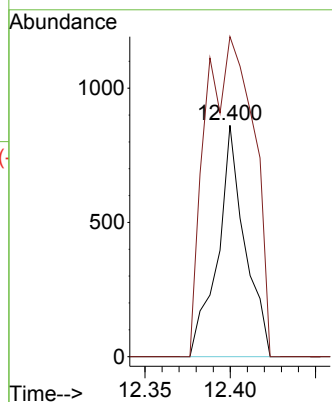
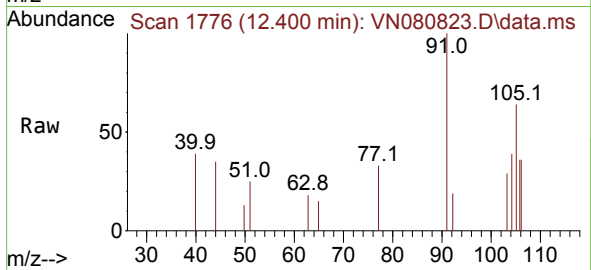




#69
o-Xylene
Concen: 0.383 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

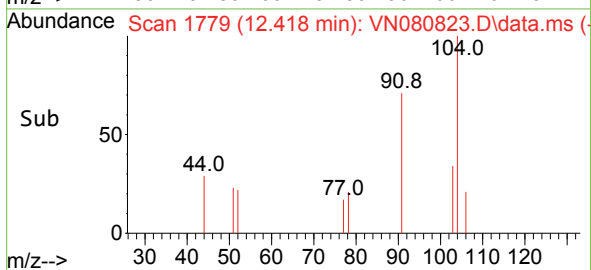
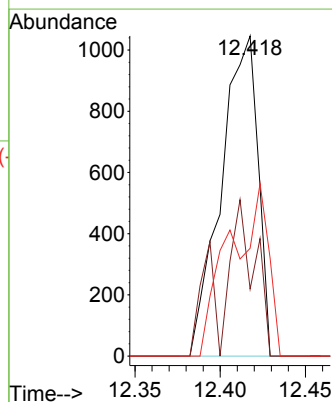
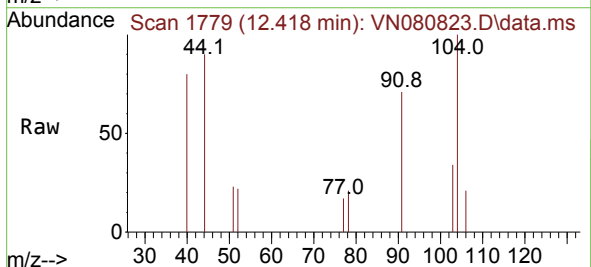
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

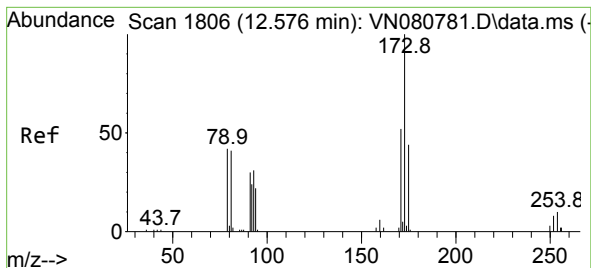
Tgt Ion:106 Resp: 950
Ion Ratio Lower Upper
106 100
91 246.3 112.1 336.3



#70
Styrene
Concen: 0.395 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion:104 Resp: 1573
Ion Ratio Lower Upper
104 100
78 32.0 43.8 65.8#
103 56.2 44.2 66.2





#71

Bromoform

Concen: 0.286 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.012 min

Lab File: VN080823.D

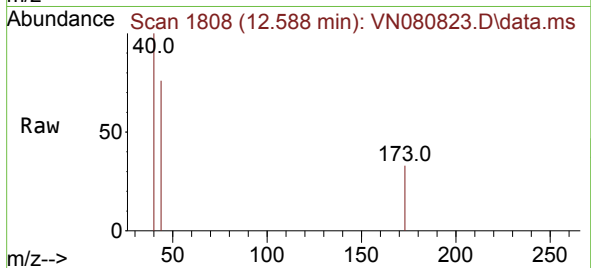
Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024



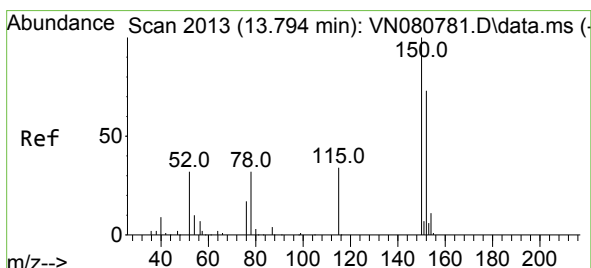
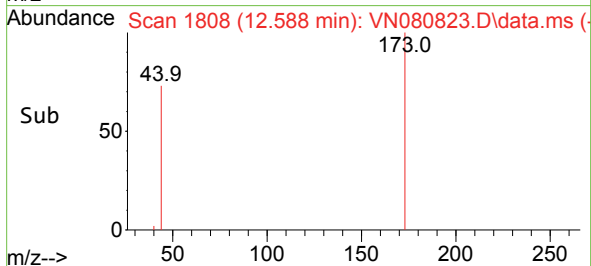
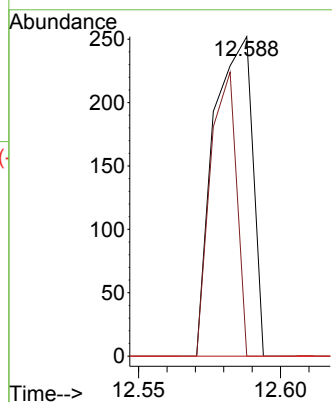
Tgt Ion:173 Resp: 238

Ion Ratio Lower Upper

173 100

175 60.1 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

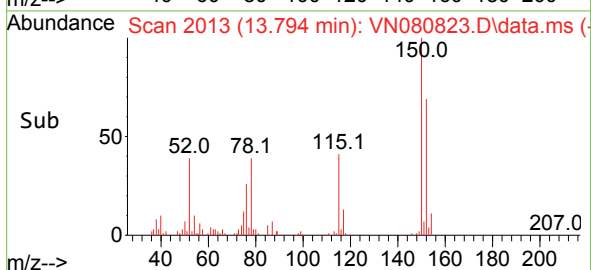
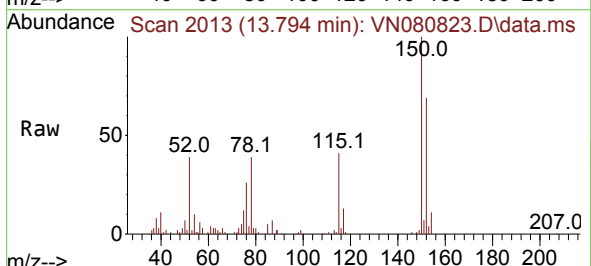
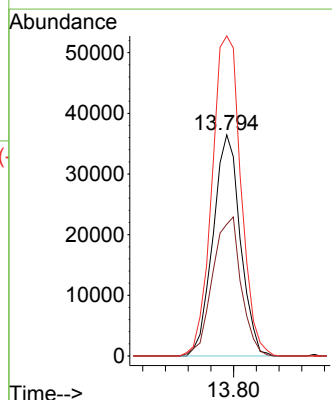
Tgt Ion:152 Resp: 60805

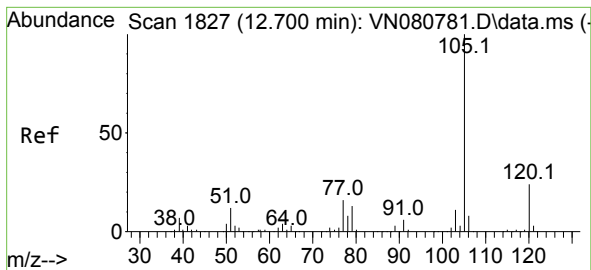
Ion Ratio Lower Upper

152 100

115 65.6 32.3 96.8

150 153.4 0.0 339.8





#73

Isopropylbenzene

Concen: 0.467 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

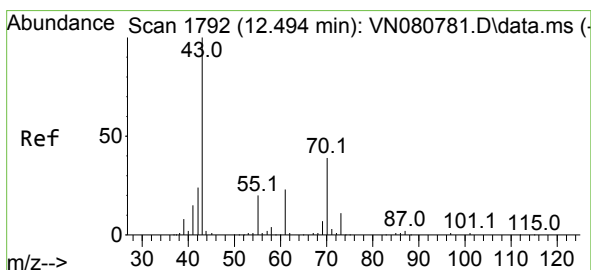
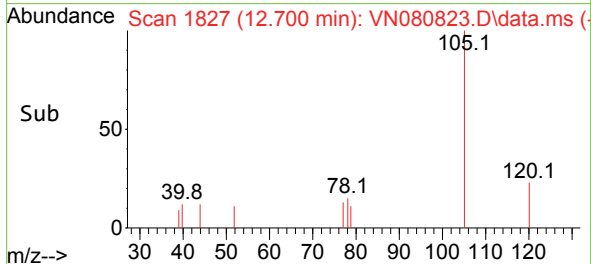
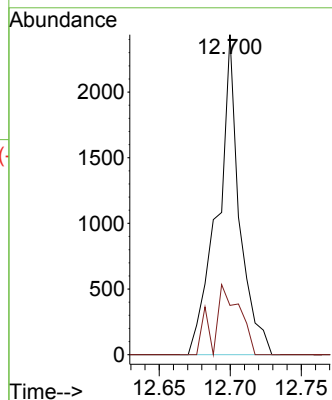
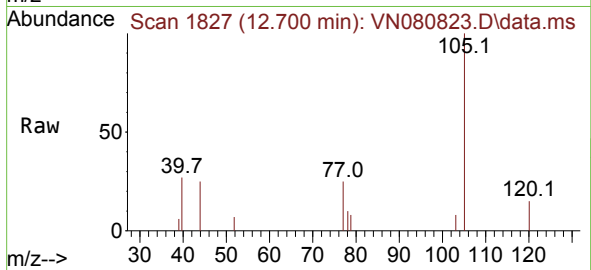
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 2601

Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.6



#74

N-ethyl acetate

Concen: 0.433 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Tgt Ion: 43 Resp: 1497

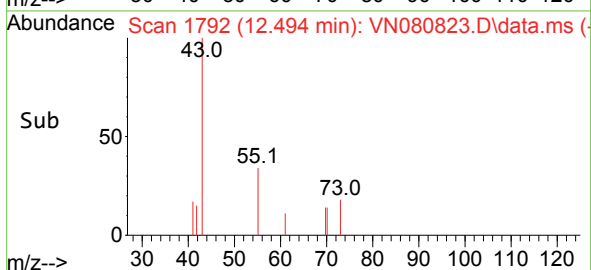
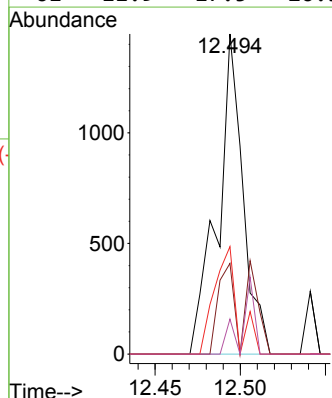
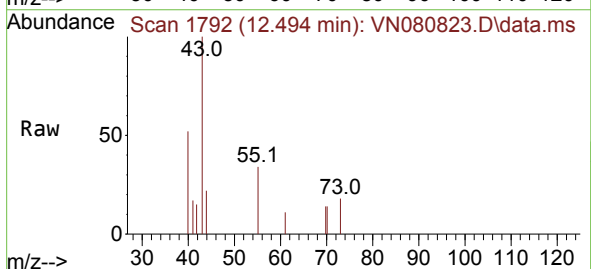
Ion Ratio Lower Upper

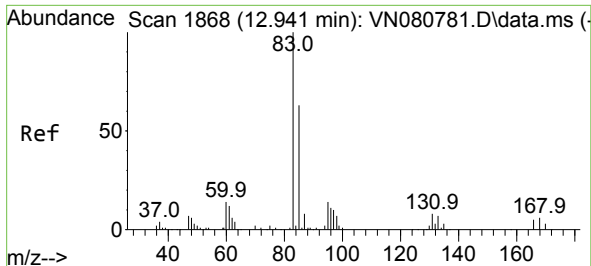
43 100

70 17.6 30.1 45.1#

55 30.2 17.0 25.4#

61 11.9 17.5 26.3#

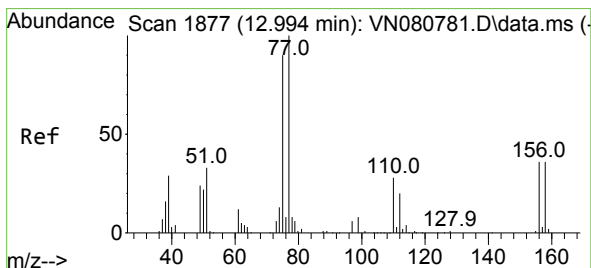
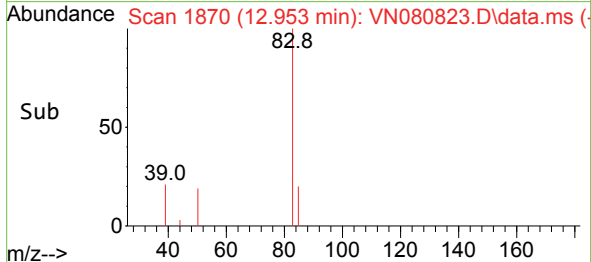
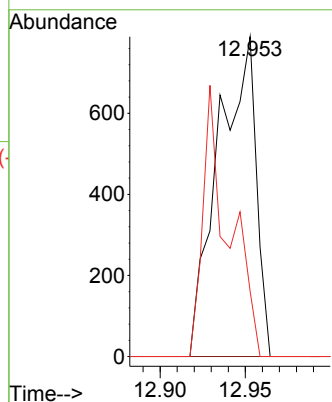
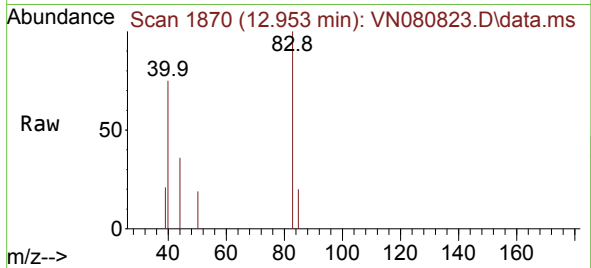




#75
1,1,2,2-Tetrachloroethane
Concen: 0.620 ug/l
RT: 12.953 min Scan# 1868
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

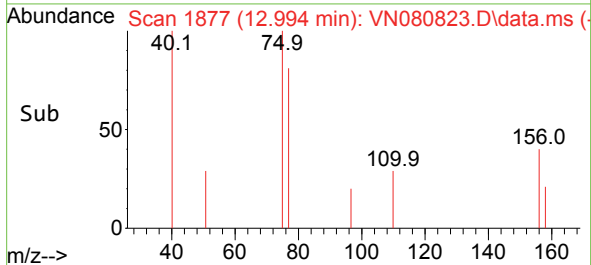
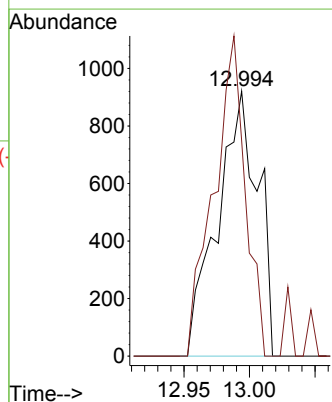
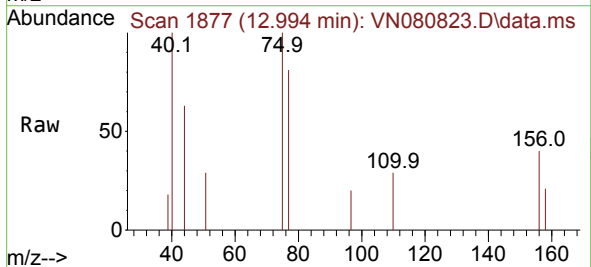
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

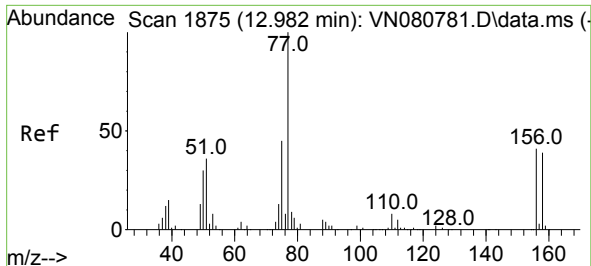
Tgt Ion: 83 Resp: 1215
Ion Ratio Lower Upper
83 100
131 0.0 4.1 12.3#
85 0.0 32.1 96.3#



#76
1,2,3-Trichloropropane
Concen: 1.077 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 75 Resp: 1975
Ion Ratio Lower Upper
75 100
77 94.3 91.0 272.8

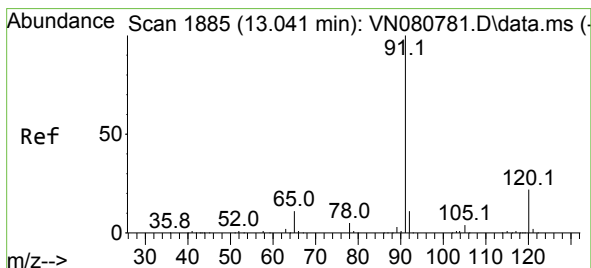
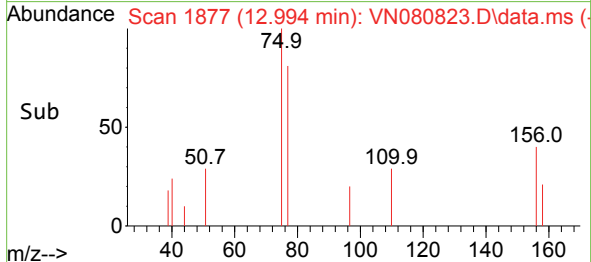
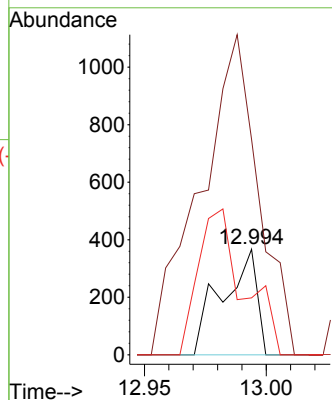
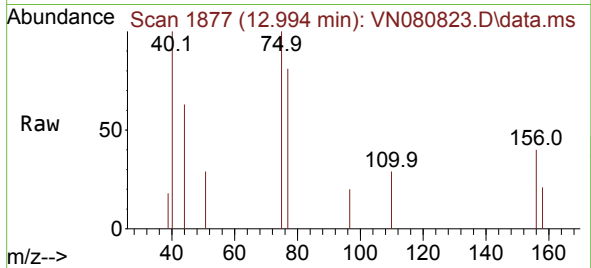




#77
Bromobenzene
Concen: 0.306 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

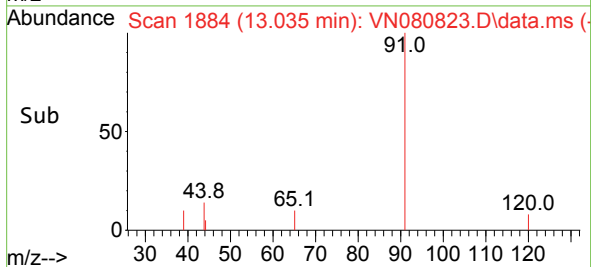
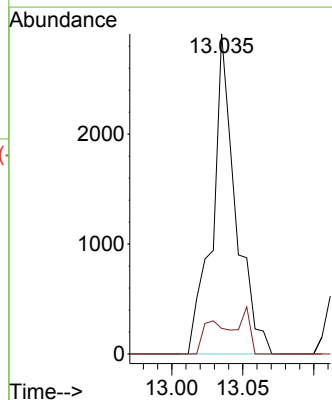
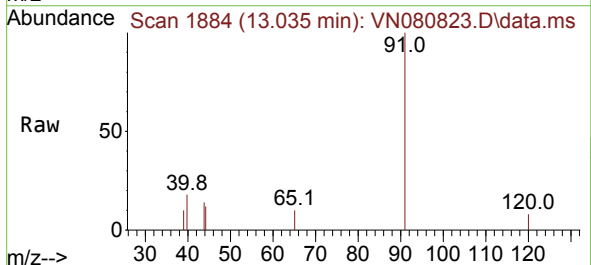
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

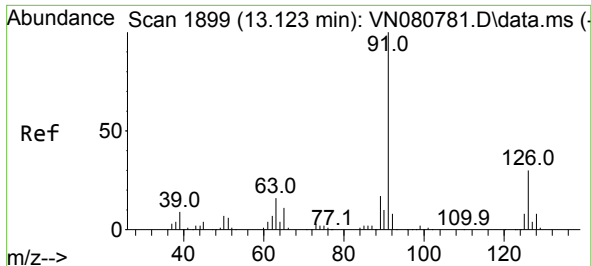
Tgt Ion:156 Resp: 364
Ion Ratio Lower Upper
156 100
77 511.5 138.1 414.3#
158 179.9 46.5 139.5#



#78
n-propylbenzene
Concen: 0.496 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 91 Resp: 3299
Ion Ratio Lower Upper
91 100
120 11.0 10.3 30.9

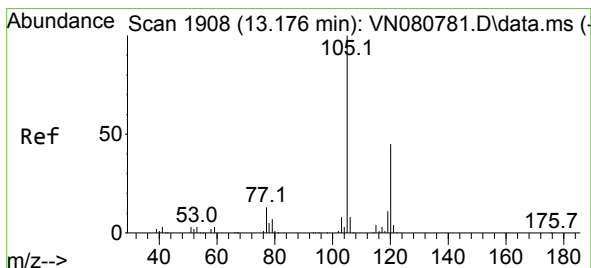
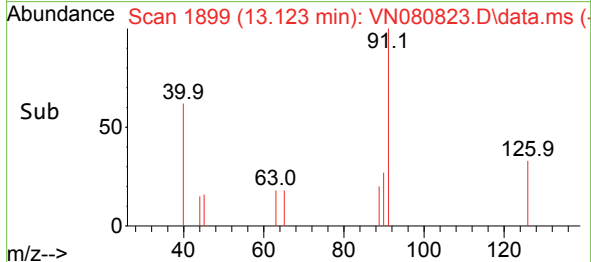
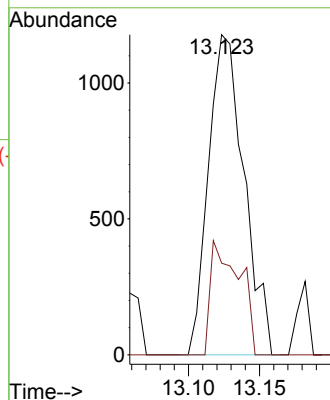
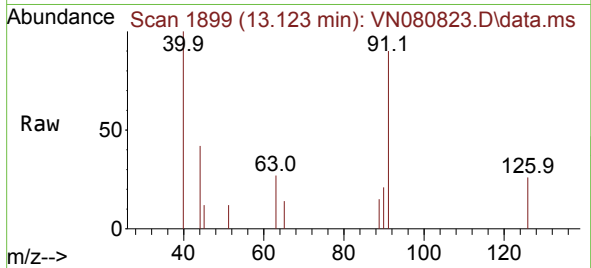




#79
2-Chlorotoluene
Concen: 0.487 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

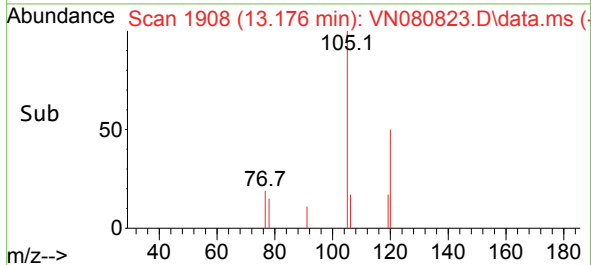
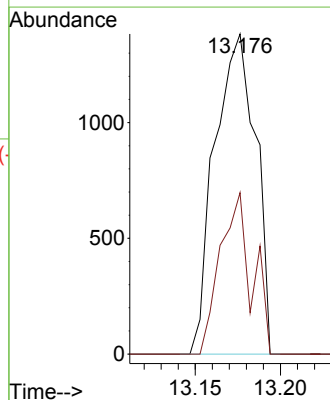
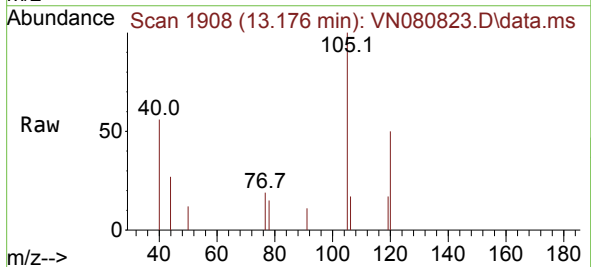
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

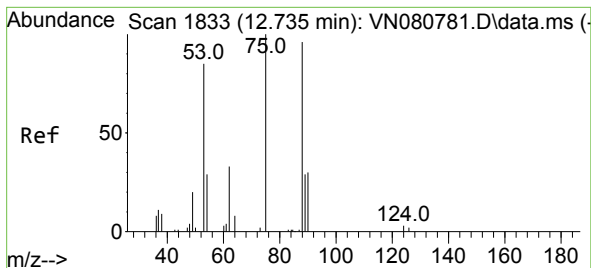
Tgt Ion: 91 Resp: 2057
Ion Ratio Lower Upper
91 100
126 28.9 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 0.520 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 105 Resp: 2306
Ion Ratio Lower Upper
105 100
120 38.9 23.0 69.0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.816 ug/l

RT: 12.853 min Scan# 1833

Delta R.T. 0.118 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

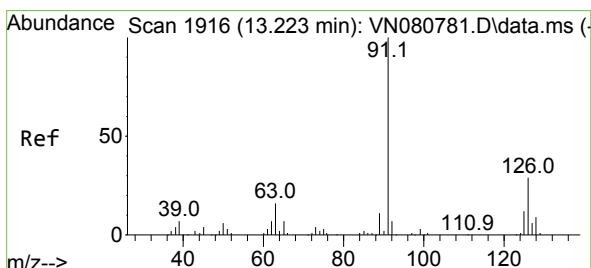
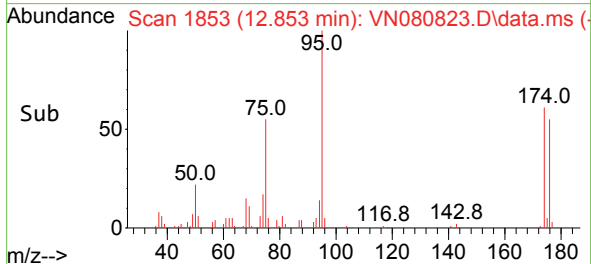
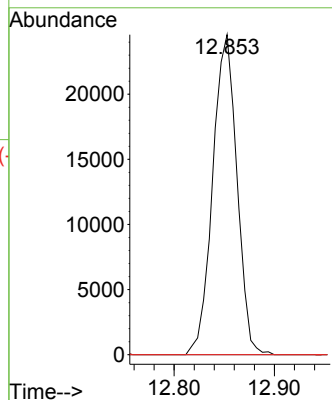
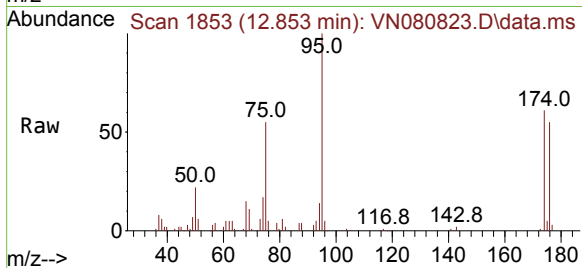
Tgt Ion: 75 Resp: 41157

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#



#82

4-Chlorotoluene

Concen: 0.489 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.000 min

Lab File: VN080823.D

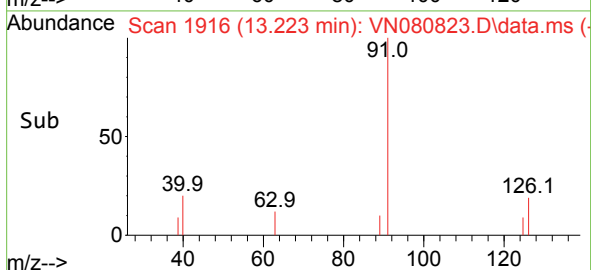
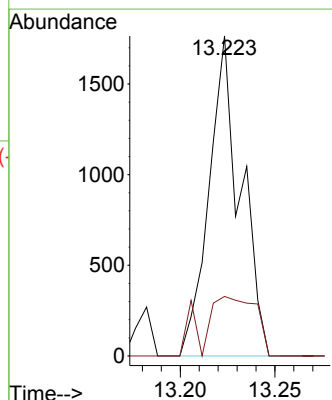
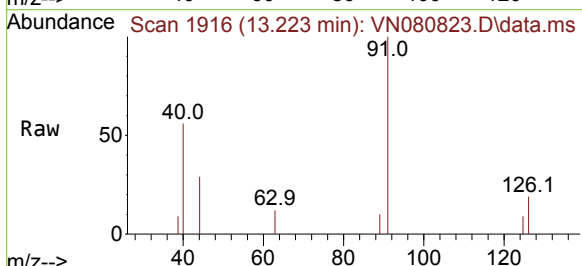
Acq: 30 Jan 2024 18:46

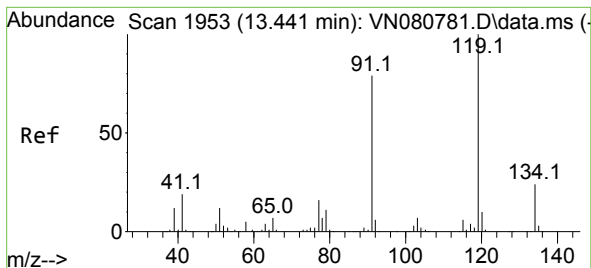
Tgt Ion: 91 Resp: 2048

Ion Ratio Lower Upper

91 100

126 31.2 15.3 45.9





#83

tert-Butylbenzene

Concen: 0.466 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

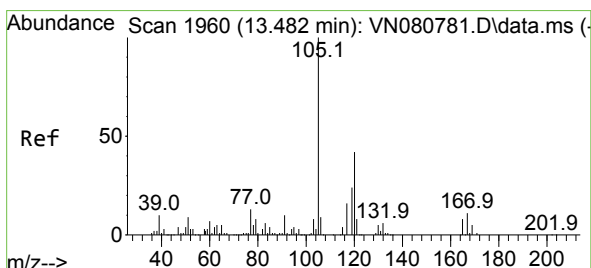
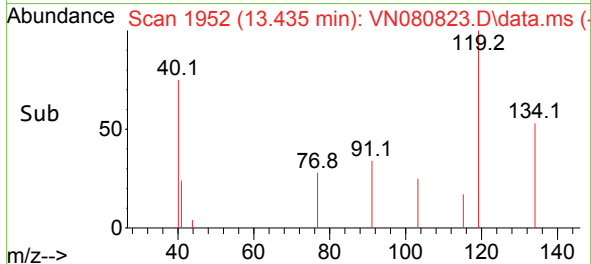
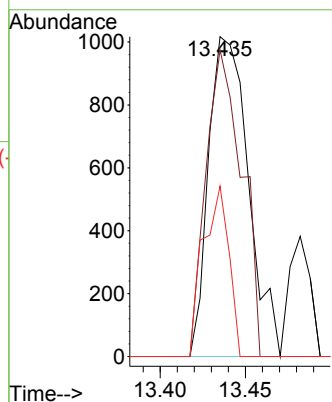
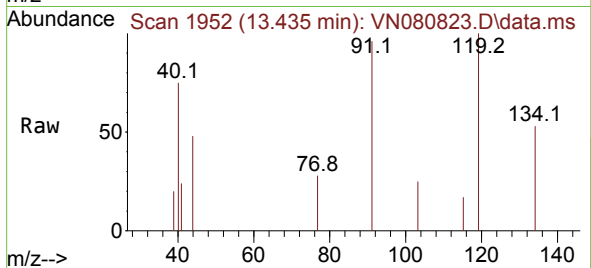
Tgt Ion:119 Resp: 1652

Ion Ratio Lower Upper

119 100

91 86.5 36.8 110.4

134 34.4 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 0.372 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN080823.D

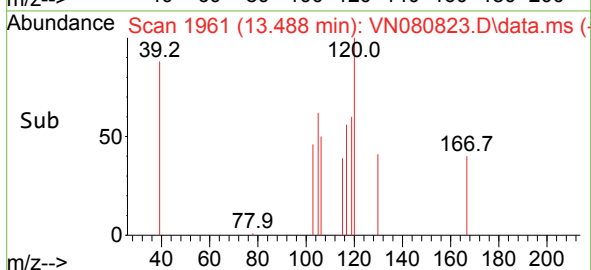
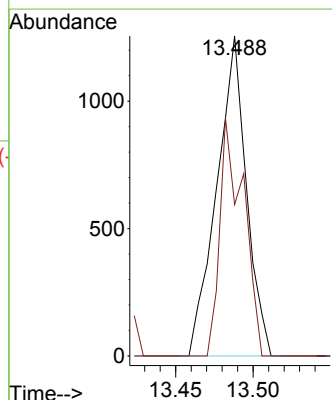
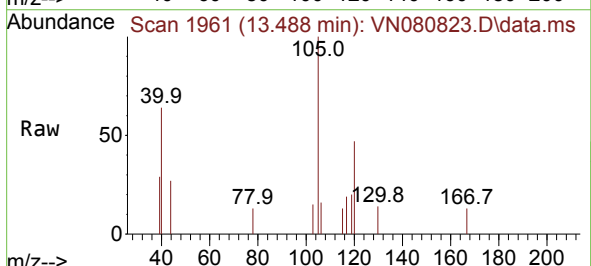
Acq: 30 Jan 2024 18:46

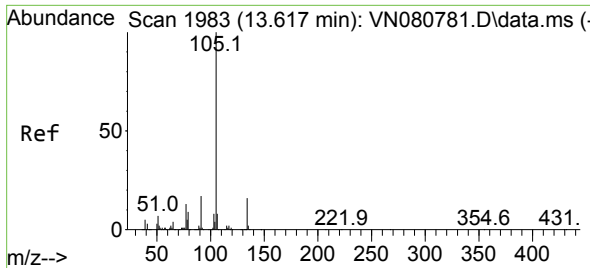
Tgt Ion:105 Resp: 1670

Ion Ratio Lower Upper

105 100

120 59.0 20.9 62.7

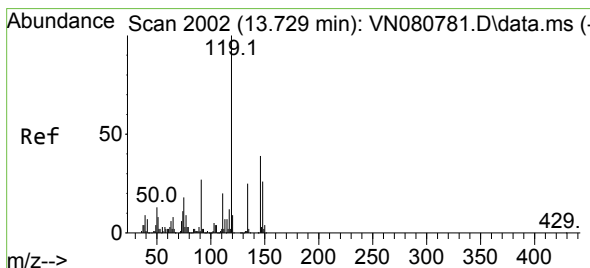
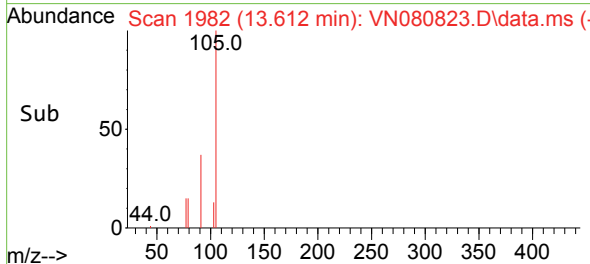
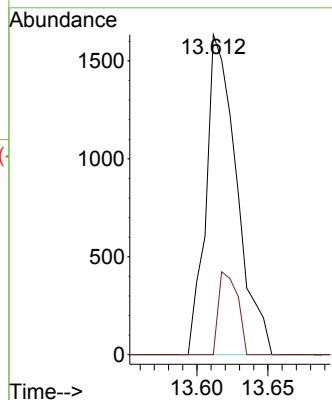
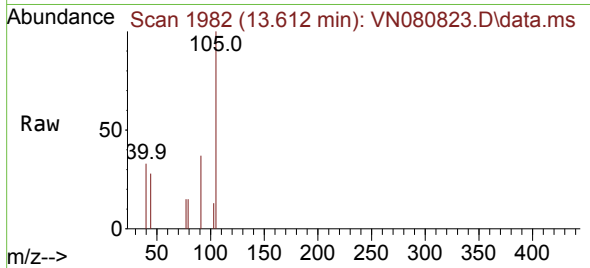




#85
 sec-Butylbenzene
 Concen: 0.470 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

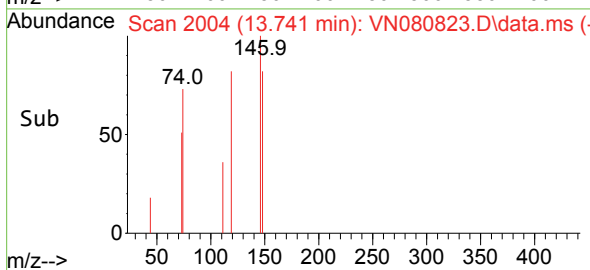
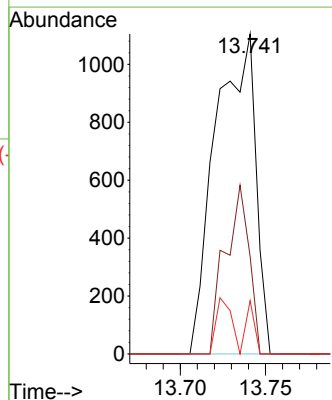
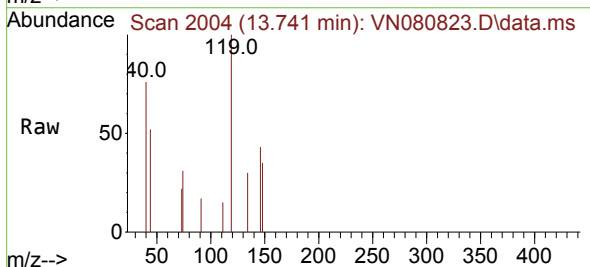
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

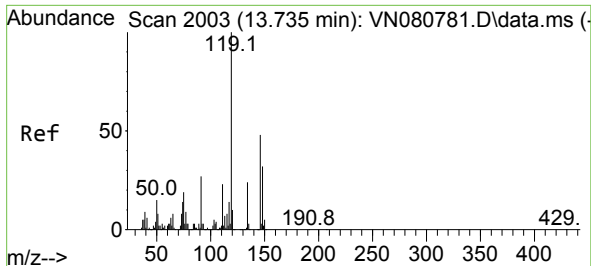
Tgt Ion:105 Resp: 2455
 Ion Ratio Lower Upper
 105 100
 134 15.9 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 0.446 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.012 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

Tgt Ion:119 Resp: 1808
 Ion Ratio Lower Upper
 119 100
 134 31.6 12.4 37.2
 91 6.7 13.5 40.4#

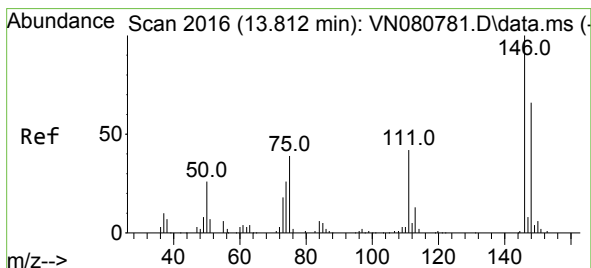
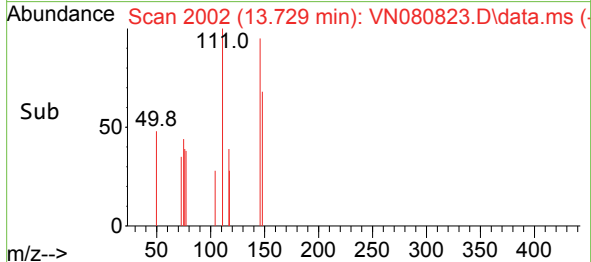
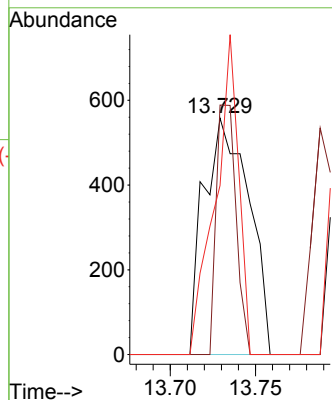
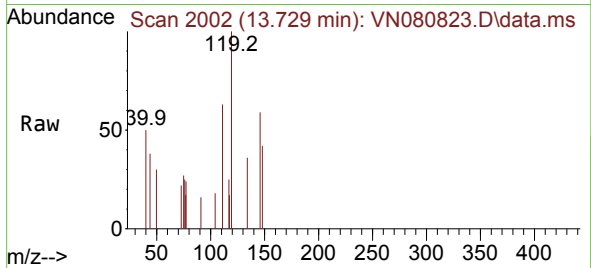




#87
1,3-Dichlorobenzene
Concen: 0.482 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

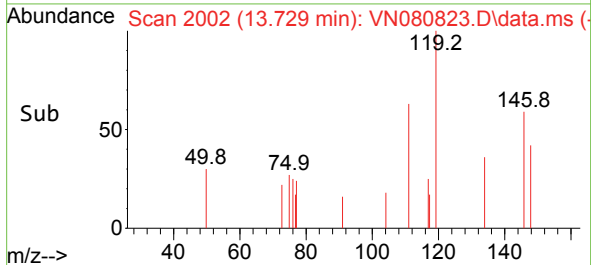
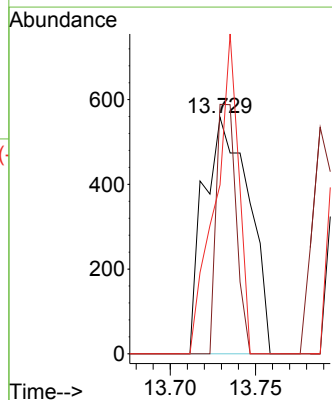
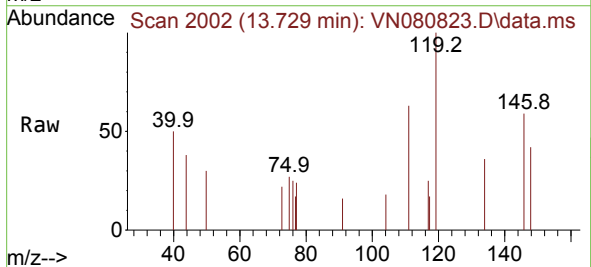
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

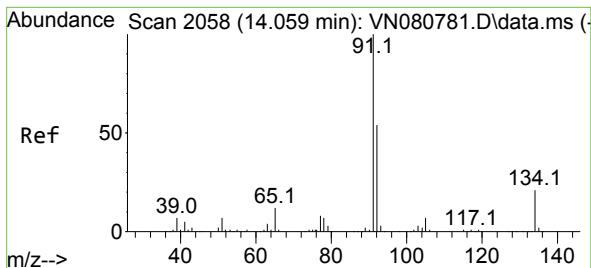
Tgt Ion:146 Resp: 1026
Ion Ratio Lower Upper
146 100
111 46.3 23.9 71.7
148 70.2 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 0.481 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.082 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion:146 Resp: 1026
Ion Ratio Lower Upper
146 100
111 46.3 22.6 67.7
148 70.2 31.9 95.5





#89

n-Butylbenzene

Concen: 0.476 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

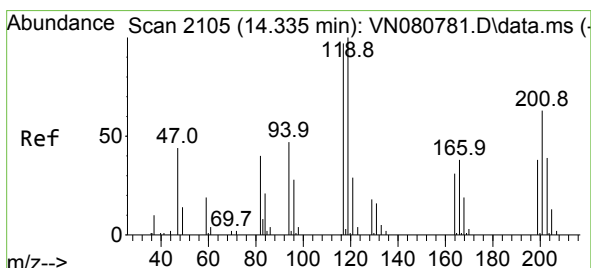
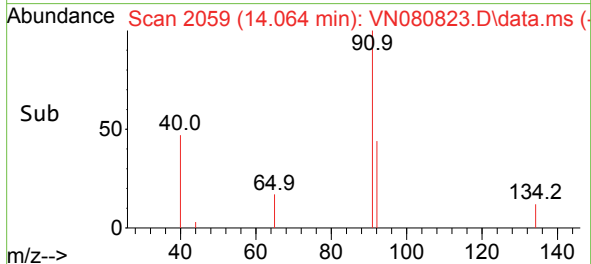
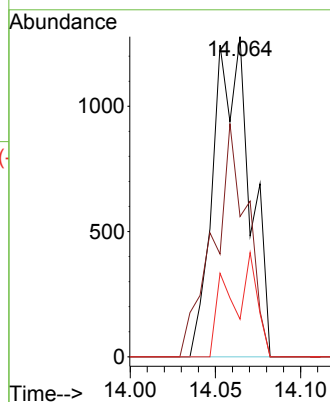
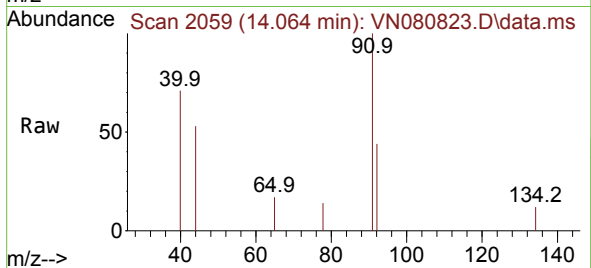
Tgt Ion: 91 Resp: 1889

Ion Ratio Lower Upper

91 100

92 67.7 26.7 80.1

134 13.4 10.8 32.4



#90

Hexachloroethane

Concen: 0.156 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080823.D

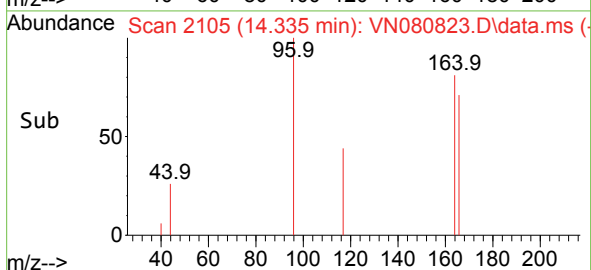
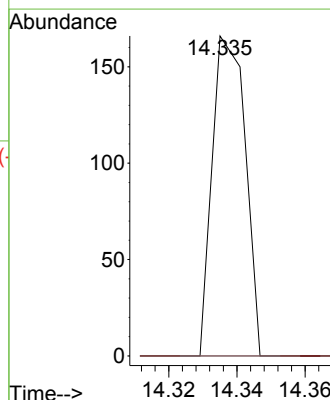
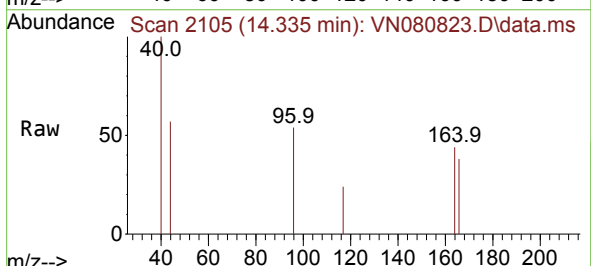
Acq: 30 Jan 2024 18:46

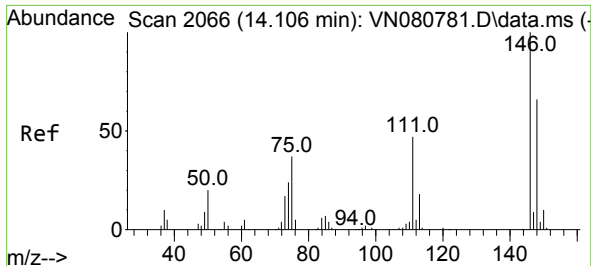
Tgt Ion: 117 Resp: 111

Ion Ratio Lower Upper

117 100

201 0.0 30.0 90.0#

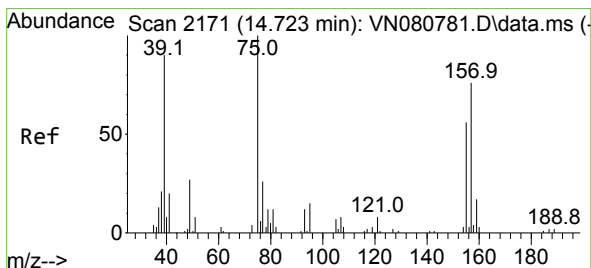
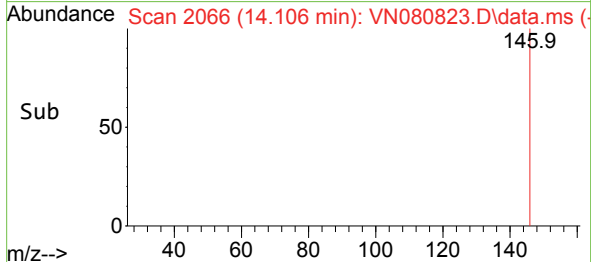
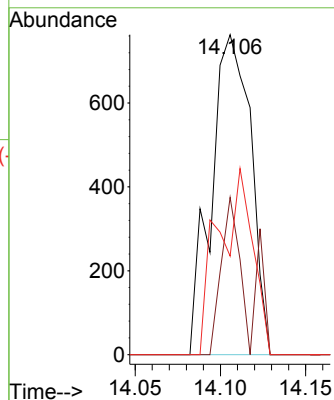
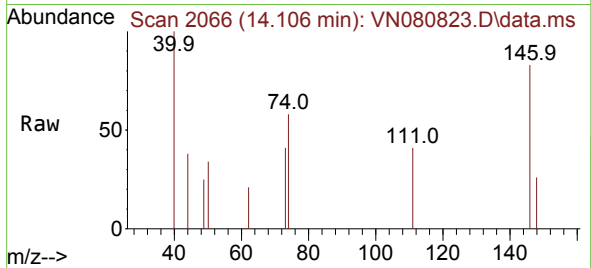




#91
1,2-Dichlorobenzene
Concen: 0.632 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

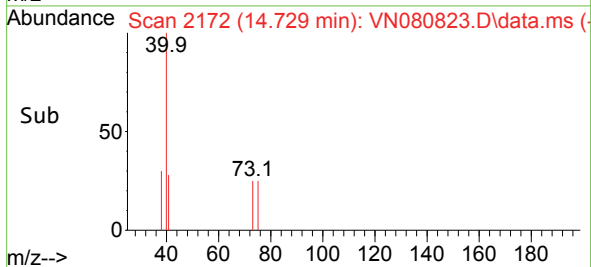
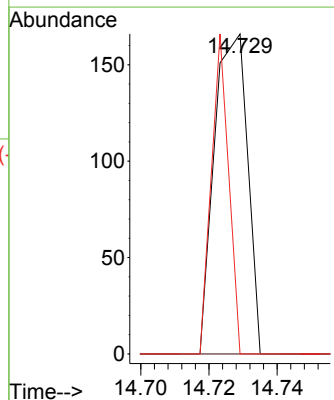
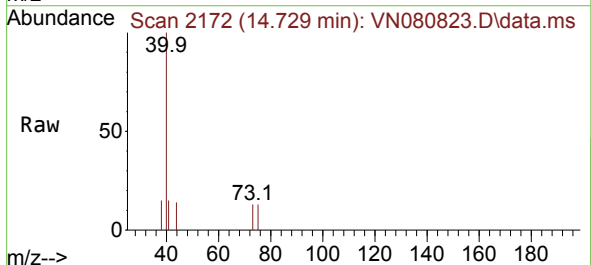
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

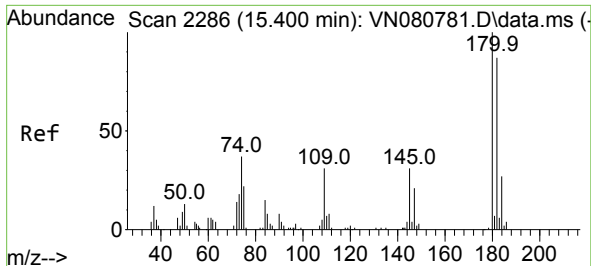
Tgt Ion:146 Resp: 1232
Ion Ratio Lower Upper
146 100
111 22.9 23.9 71.8#
148 50.4 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.306 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

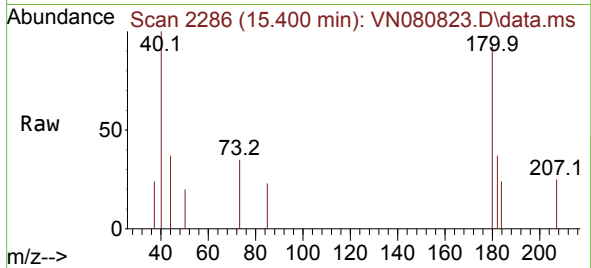
Tgt Ion: 75 Resp: 112
Ion Ratio Lower Upper
75 100
155 0.0 31.8 95.4#
157 52.7 41.1 123.4



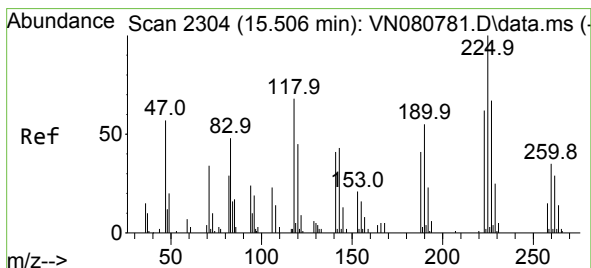
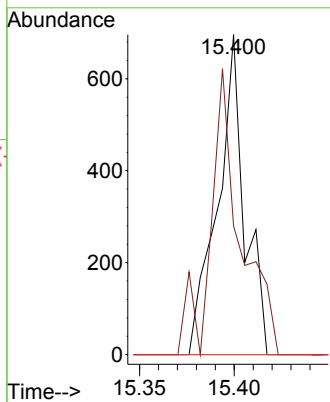
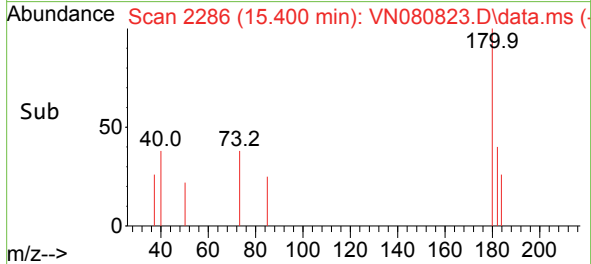


#93
1,2,4-Trichlorobenzene
Concen: 0.689 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

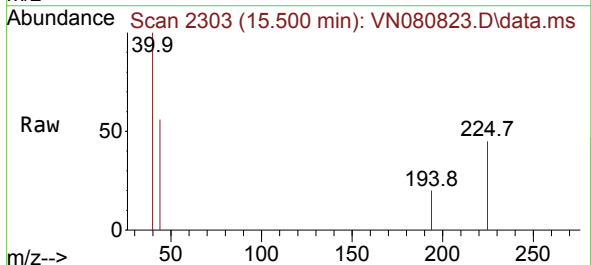
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



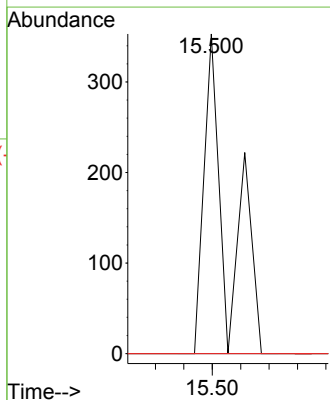
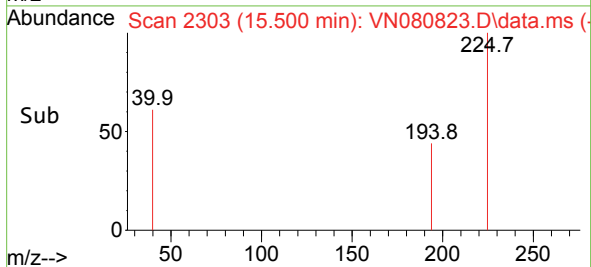
Tgt Ion:180 Resp: 691
Ion Ratio Lower Upper
180 100
182 97.7 46.6 139.7
145 0.0 16.8 50.3#

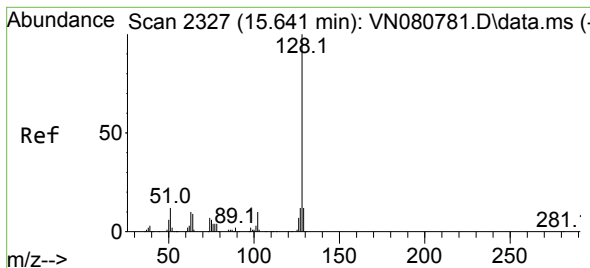


#94
Hexachlorobutadiene
Concen: 0.463 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46



Tgt Ion:225 Resp: 203
Ion Ratio Lower Upper
225 100
223 0.0 33.3 99.8#
227 0.0 33.1 99.2#





#95

Naphthalene

Concen: 0.439 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

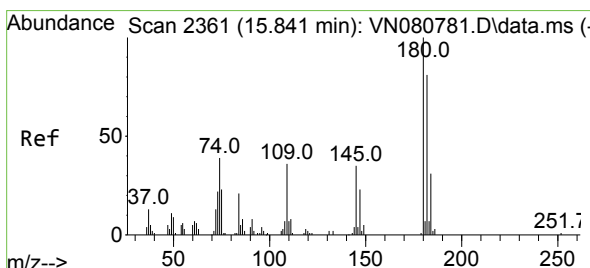
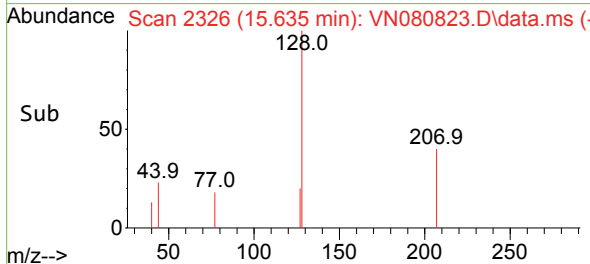
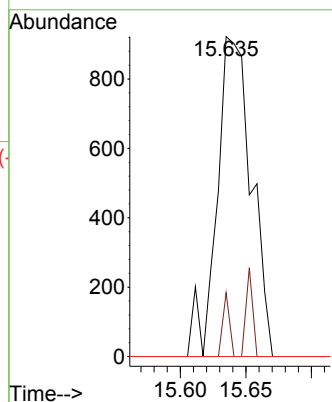
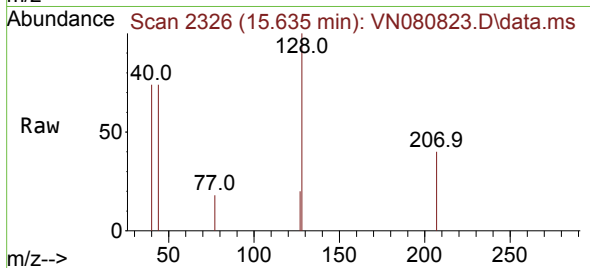
Tgt Ion:128 Resp: 1683

Ion Ratio Lower Upper

128 100

127 3.9 10.0 15.0#

129 0.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.195 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Tgt Ion:180 Resp: 192

Ion Ratio Lower Upper

180 100

182 184.9 46.5 139.3#

145 0.0 17.8 53.4#

