

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080824.D
 Acq On : 30 Jan 2024 19:10
 Operator : JC\MD
 Sample : P1187-09 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jan 31 03:17:35 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	102498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	214827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	180713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99340	56.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.040%
35) Dibromofluoromethane	8.171	113	68103	51.816	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.640%
50) Toluene-d8	10.570	98	266269	51.761	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.847	95	81818	45.642	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	1374	0.903	ug/l #	44
3) Chloromethane	2.365	50	3373	1.474	ug/l #	62
4) Vinyl Chloride	2.512	62	1590	0.914	ug/l	96
5) Bromomethane	2.959	94	789	1.134	ug/l	92
6) Chloroethane	3.136	64	1393	1.502	ug/l #	42
7) Trichlorofluoromethane	3.500	101	1713	0.761	ug/l #	67
8) Diethyl Ether	3.965	74	476	0.458	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.365	101	787	0.599	ug/l #	66
10) Methyl Iodide	4.606	142	817	0.737	ug/l #	77
11) Tert butyl alcohol	5.512	59	843	2.916	ug/l #	72
12) 1,1-Dichloroethene	4.336	96	871	0.605	ug/l #	1
13) Acrolein	4.177	56	936	2.568	ug/l	92
14) Allyl chloride	5.018	41	2720	0.956	ug/l #	80
15) Acrylonitrile	5.724	53	3476	3.999	ug/l	98
16) Acetone	4.430	43	3575	5.559	ug/l #	73
17) Carbon Disulfide	4.694	76	1330	0.297	ug/l #	90
18) Methyl Acetate	5.036	43	2708	1.208	ug/l #	76
19) Methyl tert-butyl Ether	5.788	73	3147	0.621	ug/l #	77
20) Methylene Chloride	5.277	84	1994	1.181	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	599	0.383	ug/l #	58
22) Diisopropyl ether	6.683	45	4707	0.750	ug/l #	79
23) Vinyl Acetate	6.606	43	13197	2.907	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	2409	0.757	ug/l #	85
25) 2-Butanone	7.500	43	4786	3.918	ug/l	99
26) 2,2-Dichloropropane	7.477	77	1717	0.668	ug/l #	65
27) cis-1,2-Dichloroethene	7.482	96	1141	0.631	ug/l	96
28) Bromochloromethane	7.818	49	1037	0.616	ug/l #	98
29) Tetrahydrofuran	7.835	42	3274	3.961	ug/l #	59
30) Chloroform	7.959	83	2341	0.792	ug/l #	49
31) Cyclohexane	8.224	56	5987	1.969	ug/l #	55
32) 1,1,1-Trichloroethane	8.159	97	1663	0.694	ug/l #	49
36) 1,1-Dichloropropene	8.371	75	1811	0.741	ug/l	98
37) Ethyl Acetate	7.565	43	2075	0.825	ug/l #	89
38) Carbon Tetrachloride	8.353	117	1103	0.560	ug/l #	76
39) Methylcyclohexane	9.606	83	1617	0.666	ug/l #	56
40) Benzene	8.606	78	5191	0.723	ug/l #	86

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	1113	0.751	ug/l #	52
42) 1,2-Dichloroethane	8.671	62	1727	0.738	ug/l #	75
43) Isopropyl Acetate	8.700	43	3522	0.769	ug/l #	88
44) Trichloroethene	9.365	130	1161	0.734	ug/l	96
45) 1,2-Dichloropropane	9.623	63	1611	0.829	ug/l	93
46) Dibromomethane	9.712	93	830	0.721	ug/l #	71
47) Bromodichloromethane	9.888	83	1579	0.675	ug/l #	83
48) Methyl methacrylate	9.682	41	1881	0.847	ug/l	97
49) 1,4-Dioxane	9.706	88	591	22.104	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	8740	3.415	ug/l	92
52) Toluene	10.635	92	3426	0.832	ug/l	83
53) t-1,3-Dichloropropene	10.835	75	1884	0.692	ug/l #	87
54) cis-1,3-Dichloropropene	10.312	75	2361	0.797	ug/l #	74
55) 1,1,2-Trichloroethane	11.018	97	1039	0.657	ug/l #	89
56) Ethyl methacrylate	10.882	69	1269	0.522	ug/l #	91
57) 1,3-Dichloropropane	11.165	76	2311	0.776	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	5431	3.831	ug/l	94
59) 2-Hexanone	11.200	43	6203	3.120	ug/l	92
60) Dibromochloromethane	11.370	129	630	0.428	ug/l	87
61) 1,2-Dibromoethane	11.465	107	1059	0.714	ug/l #	4
64) Tetrachloroethene	11.106	164	761	0.641	ug/l #	71
65) Chlorobenzene	11.900	112	3098	0.785	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.970	131	738	0.575	ug/l #	37
67) Ethyl Benzene	11.970	91	5472	0.746	ug/l #	80
68) m/p-Xylenes	12.082	106	3950	1.517	ug/l	93
69) o-Xylene	12.406	106	1803	0.697	ug/l	80
70) Styrene	12.412	104	2349	0.565	ug/l	94
71) Bromoform	12.576	173	659	0.760	ug/l #	46
73) Isopropylbenzene	12.694	105	4174	0.734	ug/l	89
74) N-amyl acetate	12.500	43	2775	0.786	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	1562	0.780	ug/l #	84
76) 1,2,3-Trichloropropane	13.000	75	2357	1.258	ug/l	45
77) Bromobenzene	12.976	156	846	0.696	ug/l	90
78) n-propylbenzene	13.041	91	5328	0.784	ug/l	94
79) 2-Chlorotoluene	13.123	91	2917	0.675	ug/l	79
80) 1,3,5-Trimethylbenzene	13.176	105	3277	0.723	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.847	75	50968	70.074	ug/l #	14
82) 4-Chlorotoluene	13.223	91	3064	0.716	ug/l	97
83) tert-Butylbenzene	13.435	119	3274	0.905	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	2814	0.613	ug/l	74
85) sec-Butylbenzene	13.617	105	3092	0.580	ug/l	94
86) p-Isopropyltoluene	13.729	119	2397	0.578	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	1336	0.614	ug/l	91
88) 1,4-Dichlorobenzene	13.735	146	1336	0.613	ug/l	88
89) n-Butylbenzene	14.059	91	3097	0.763	ug/l	85
90) Hexachloroethane	14.335	117	177	0.244	ug/l #	1
91) 1,2-Dichlorobenzene	14.106	146	1496	0.751	ug/l #	65
92) 1,2-Dibromo-3-Chloropr...	14.723	75	328	0.877	ug/l #	47
93) 1,2,4-Trichlorobenzene	15.382	180	644	0.628	ug/l	87
94) Hexachlorobutadiene	15.500	225	305	0.681	ug/l #	59
95) Naphthalene	15.641	128	2484	0.633	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.835	180	516	0.512	ug/l #	30

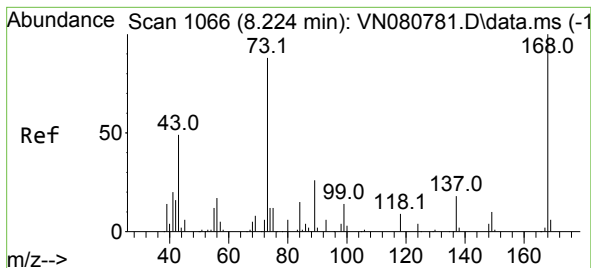
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QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080824.D

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MSVOA_N

ClientSampleId :

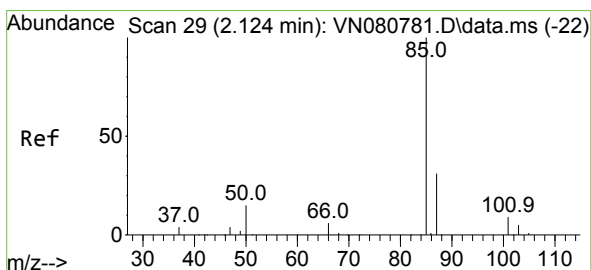
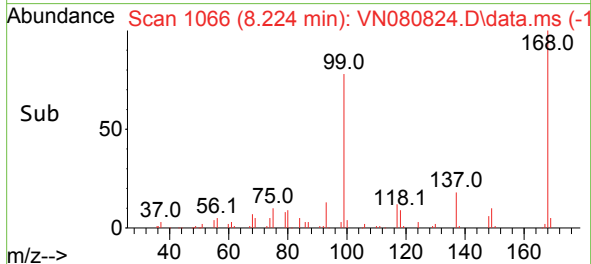
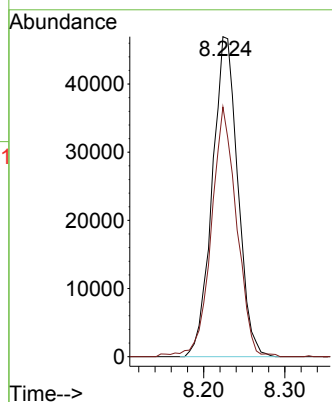
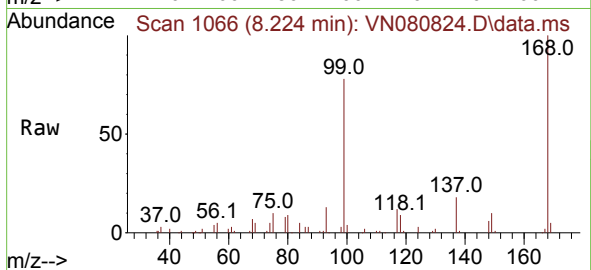
MDL-WATER-03-QT1-2024

Tgt Ion:168 Resp: 102498

Ion Ratio Lower Upper

168 100

99 78.1 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 0.903 ug/l

RT: 2.118 min Scan# 28

Delta R.T. -0.006 min

Lab File: VN080824.D

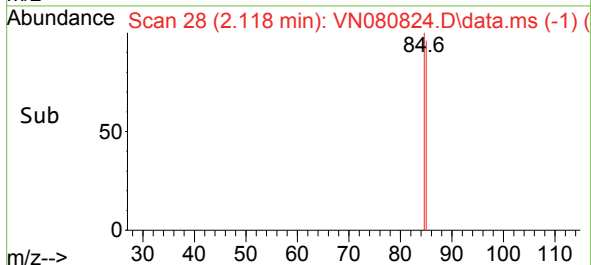
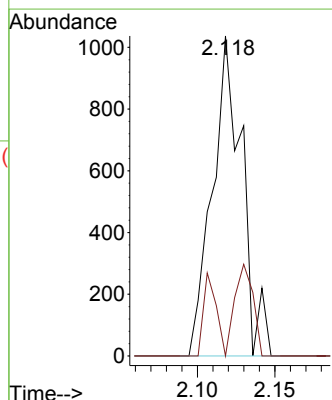
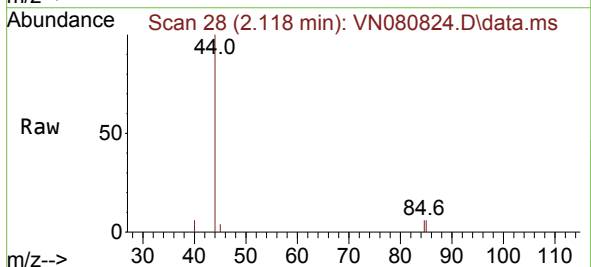
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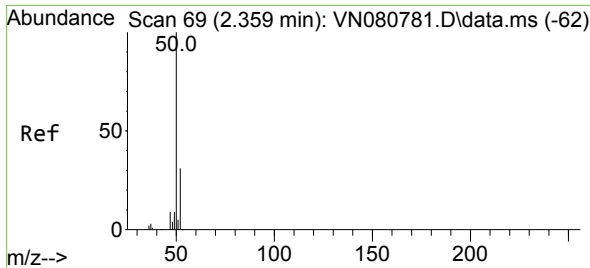
Tgt Ion: 85 Resp: 1374

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.9#

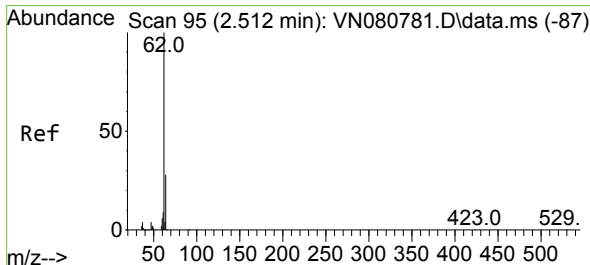
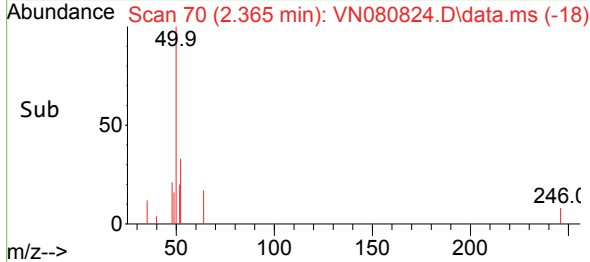
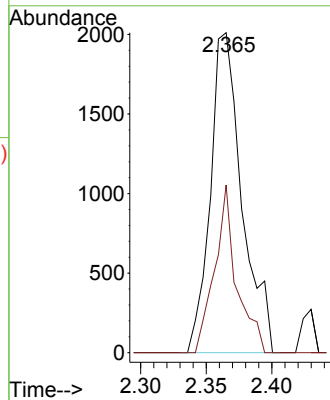
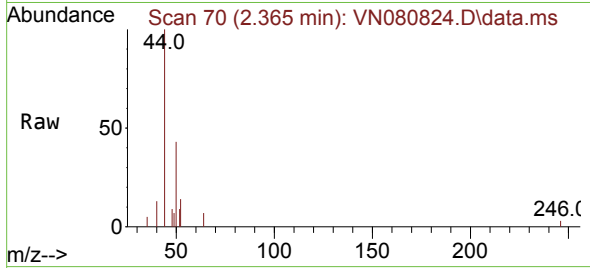




#3
Chloromethane
Concen: 1.474 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080824.D
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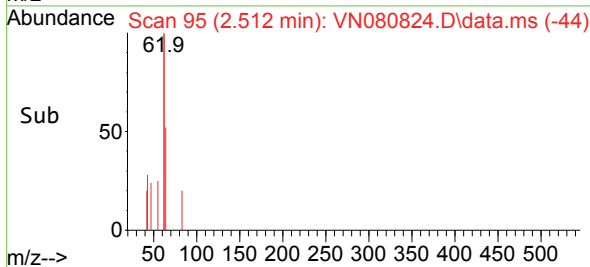
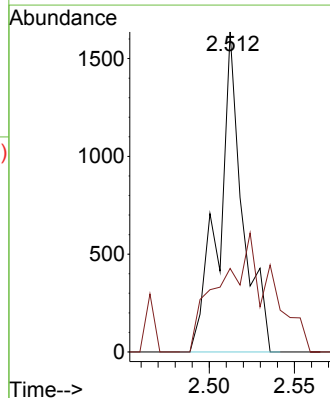
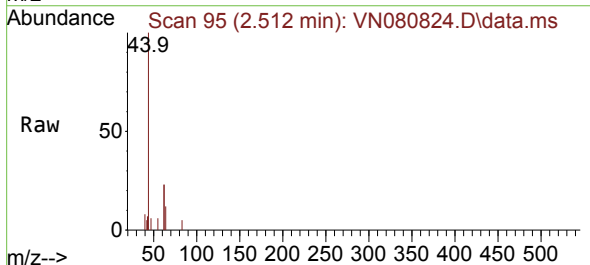
Instrument : MSVOA_N
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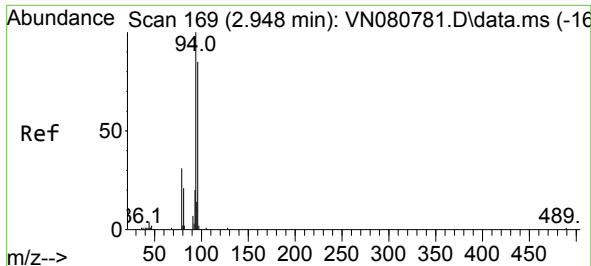
Tgt Ion: 50 Resp: 3373
Ion Ratio Lower Upper
50 100
52 52.4 25.0 37.4#



#4
Vinyl Chloride
Concen: 0.914 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 62 Resp: 1590
Ion Ratio Lower Upper
62 100
64 26.1 22.7 34.1

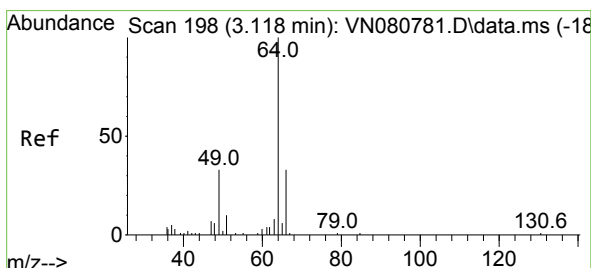
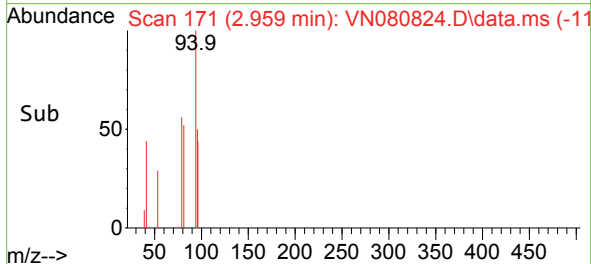
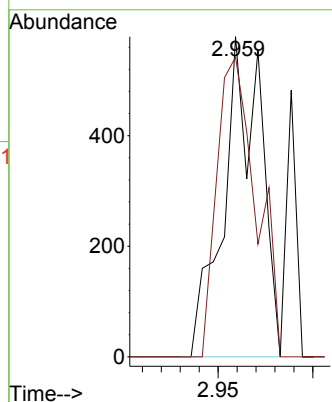
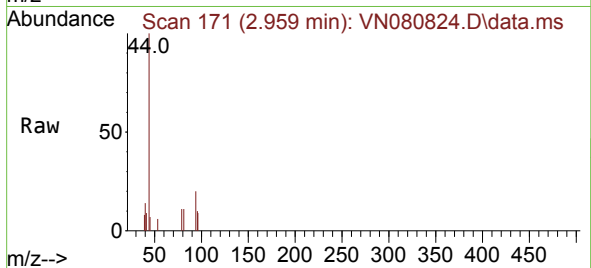




#5
Bromomethane
Concen: 1.134 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

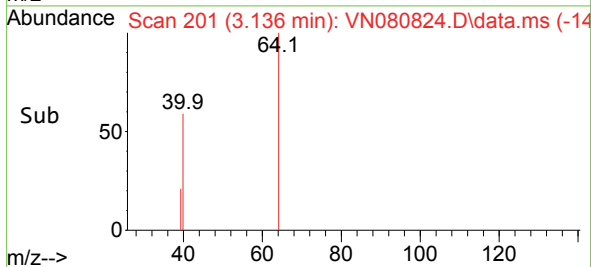
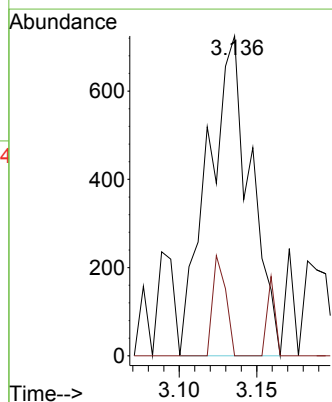
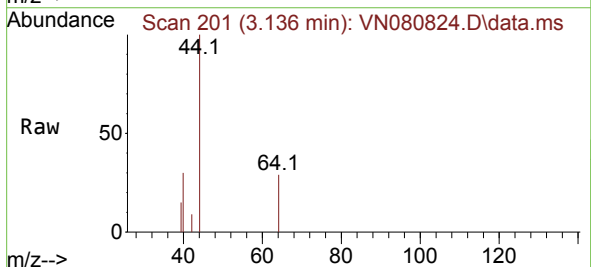
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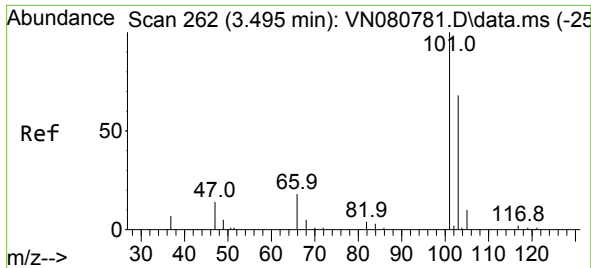
Tgt Ion: 94 Resp: 789
Ion Ratio Lower Upper
94 100
96 93.6 69.2 103.8



#6
Chloroethane
Concen: 1.502 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 64 Resp: 1393
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

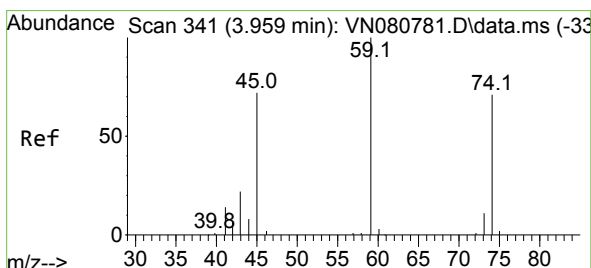
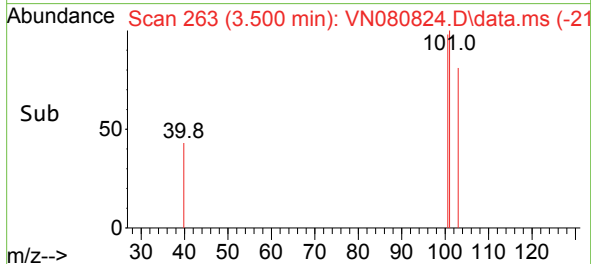
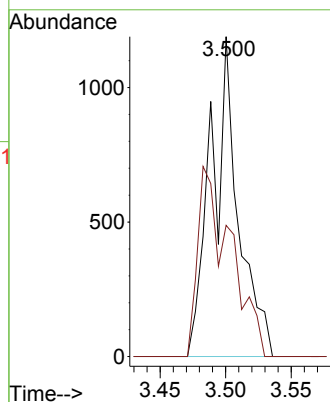
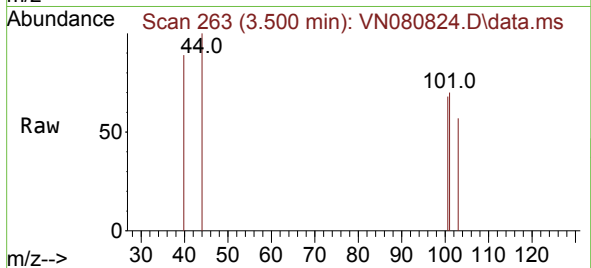




#7
 Trichlorofluoromethane
 Concen: 0.761 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

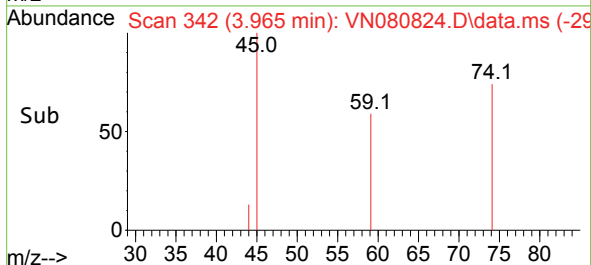
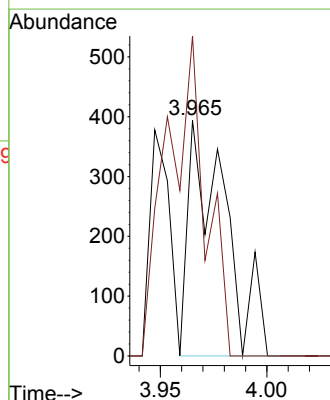
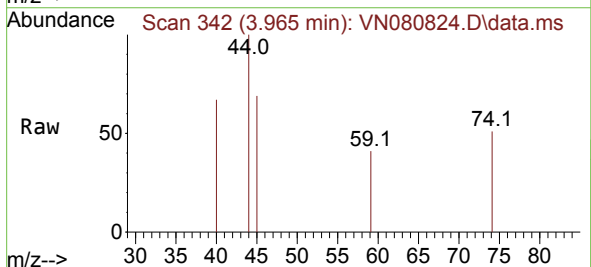
Instrument :
 MSVOA_N
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 MDL-WATER-03-QT1-2024

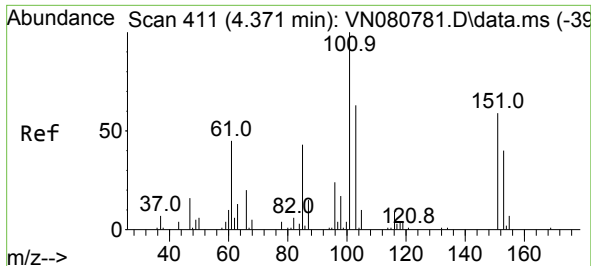
Tgt Ion:101 Resp: 1713
 Ion Ratio Lower Upper
 101 100
 103 41.0 54.4 81.6#



#8
 Diethyl Ether
 Concen: 0.458 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

Tgt Ion: 74 Resp: 476
 Ion Ratio Lower Upper
 74 100
 45 140.1 53.3 159.9

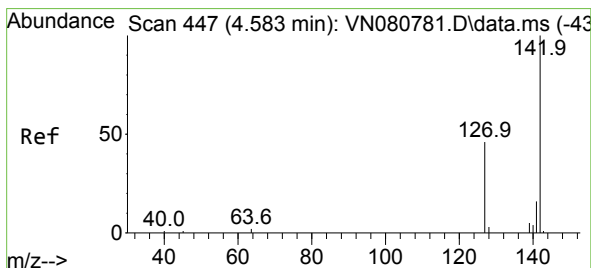
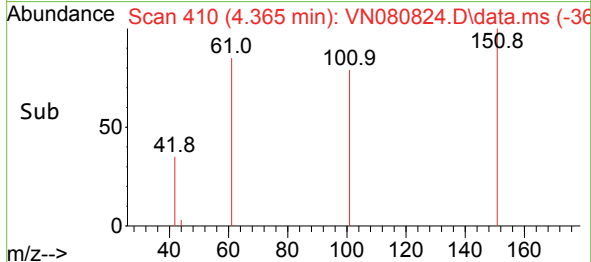
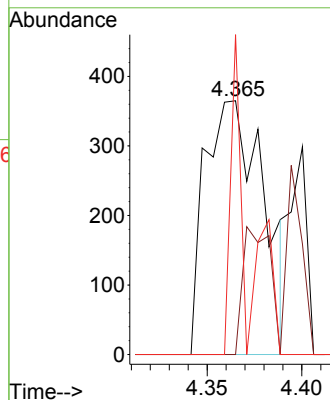
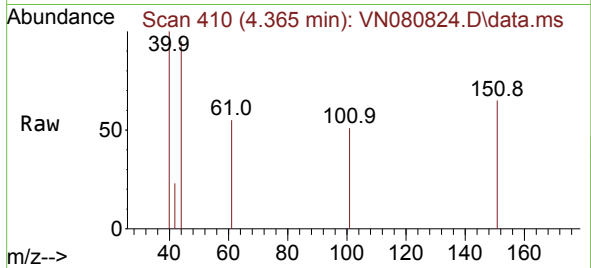




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.599 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

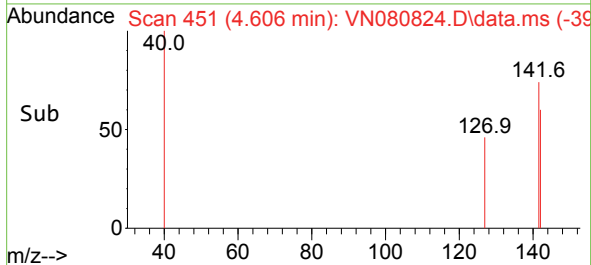
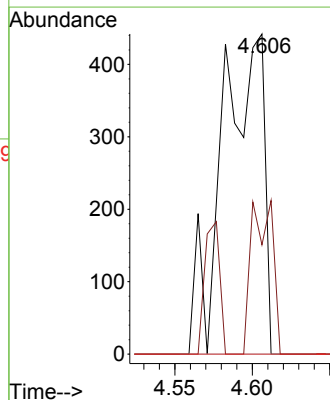
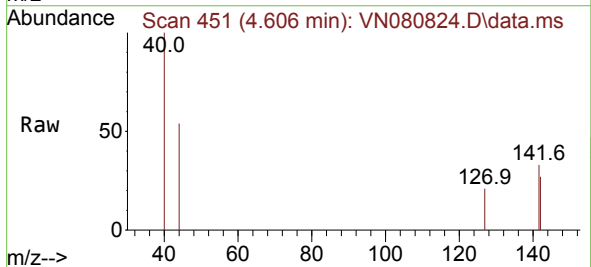
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

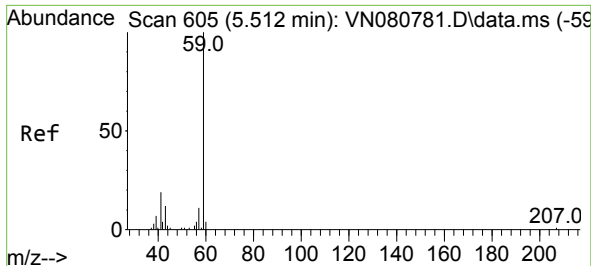
Tgt Ion:101 Resp: 787
Ion Ratio Lower Upper
101 100
85 23.1 38.1 57.1#
151 36.6 49.1 73.7#



#10
Methyl Iodide
Concen: 0.737 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.023 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion:142 Resp: 817
Ion Ratio Lower Upper
142 100
127 34.2 37.0 55.4#
141 0.0 12.5 18.7#

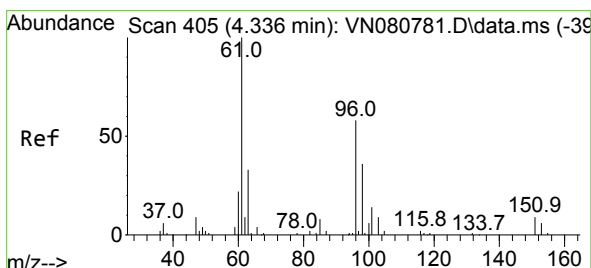
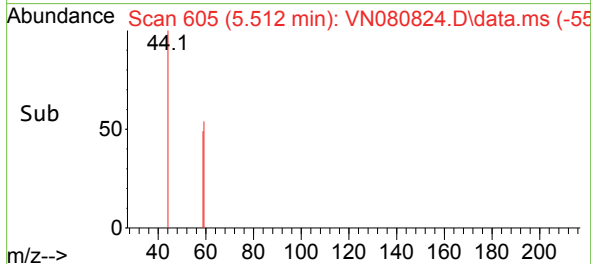
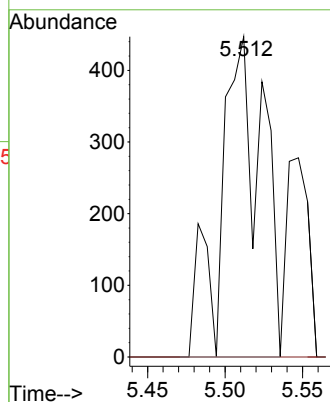
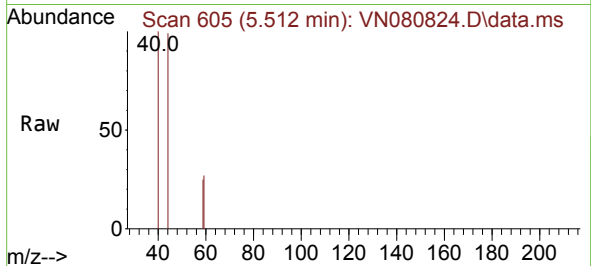




#11
Tert butyl alcohol
Concen: 2.916 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

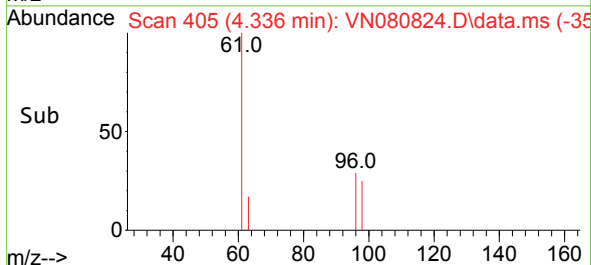
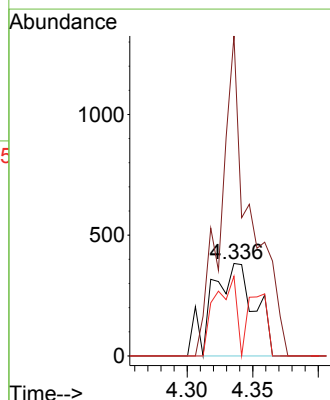
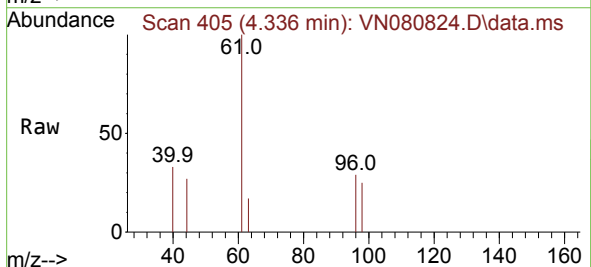
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

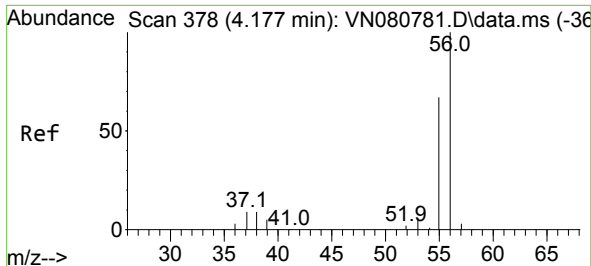
Tgt Ion: 59 Resp: 843
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 0.605 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 96 Resp: 871
Ion Ratio Lower Upper
96 100
61 346.0 138.2 207.4#
98 86.2 49.2 73.8#





#13

Acrolein

Concen: 2.568 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080824.D

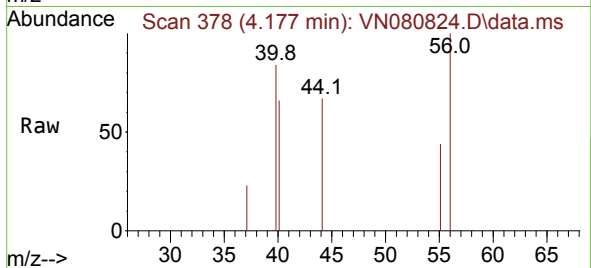
Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

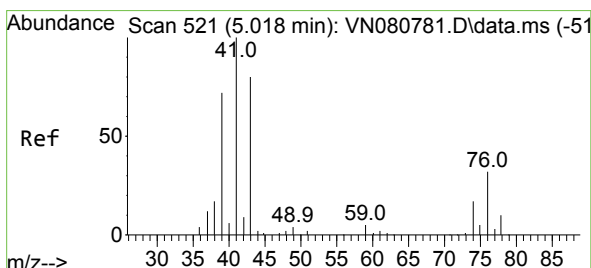
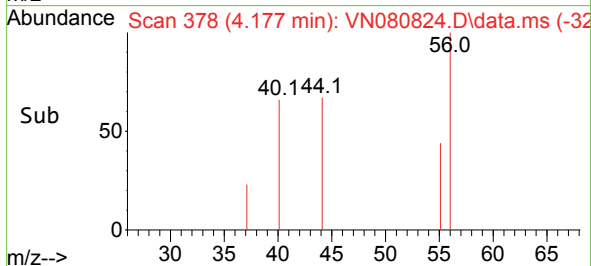
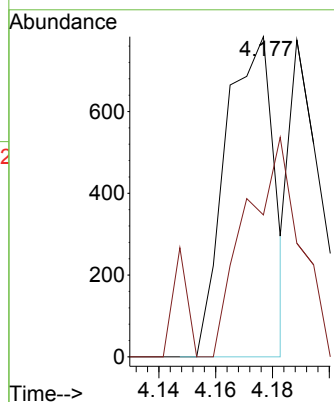


Tgt Ion: 56 Resp: 936

Ion Ratio Lower Upper

56 100

55 75.3 55.3 82.9



#14

Allyl chloride

Concen: 0.956 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

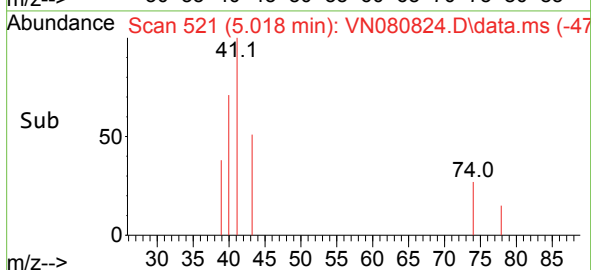
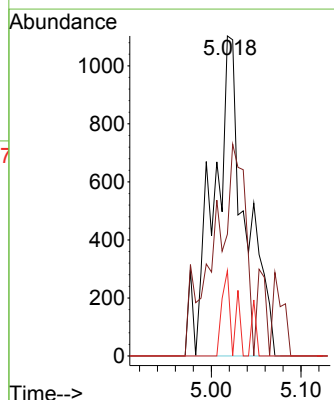
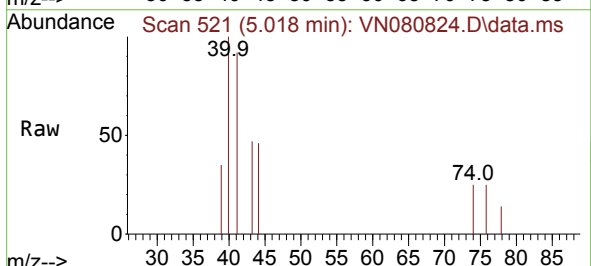
Tgt Ion: 41 Resp: 2720

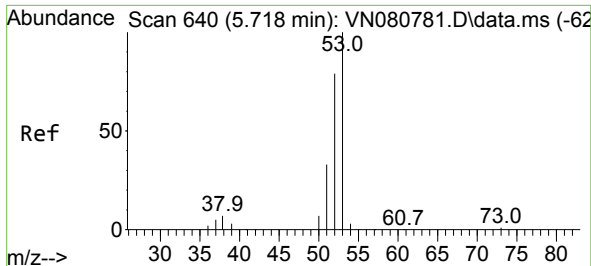
Ion Ratio Lower Upper

41 100

39 64.7 57.7 86.5

76 9.3 26.8 40.2#

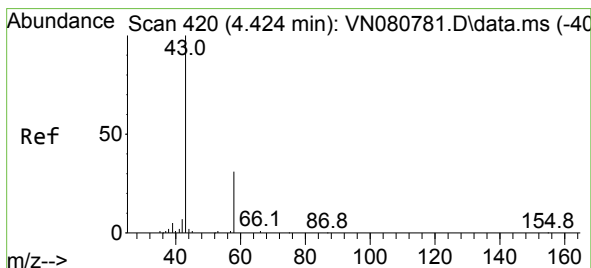
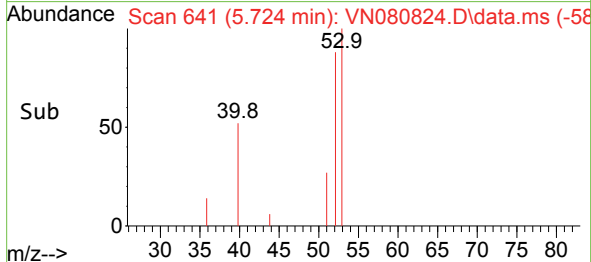
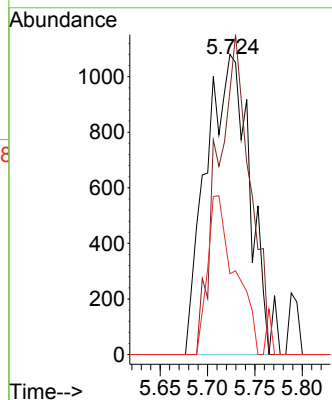
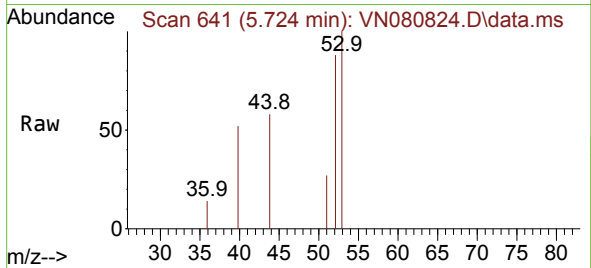




#15
Acrylonitrile
Concen: 3.999 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

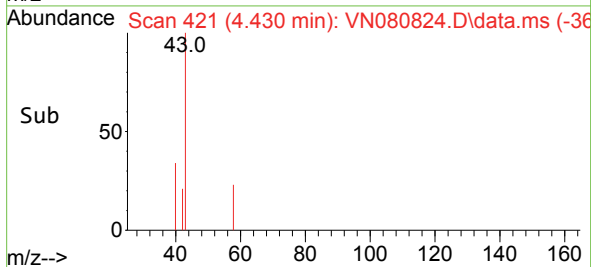
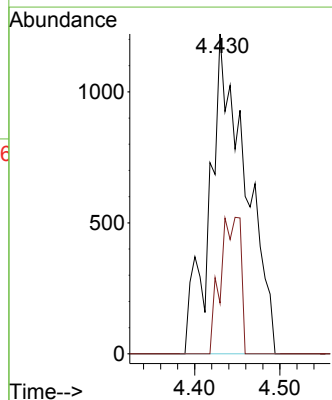
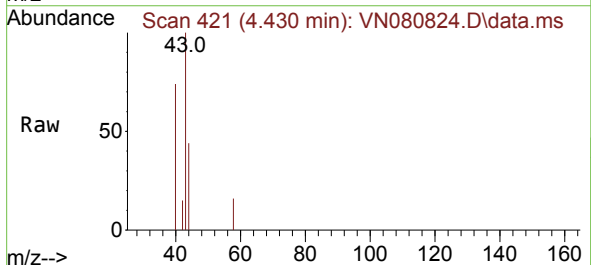
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

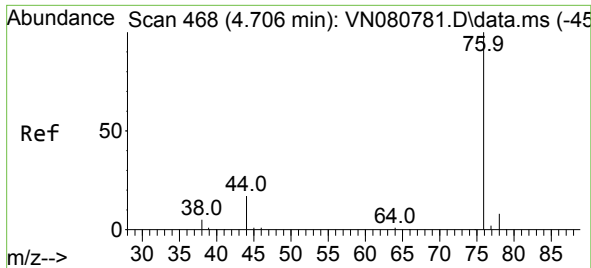
Tgt Ion: 53 Resp: 3476
Ion Ratio Lower Upper
53 100
52 78.5 64.8 97.2
51 33.2 26.9 40.3



#16
Acetone
Concen: 5.559 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
58 15.9 24.8 37.2#

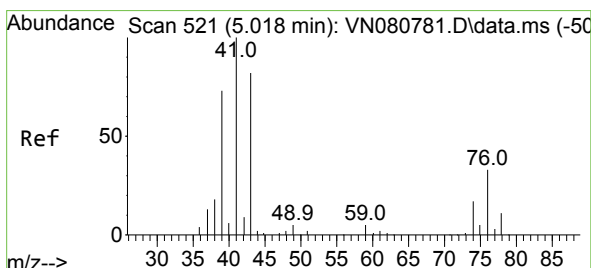
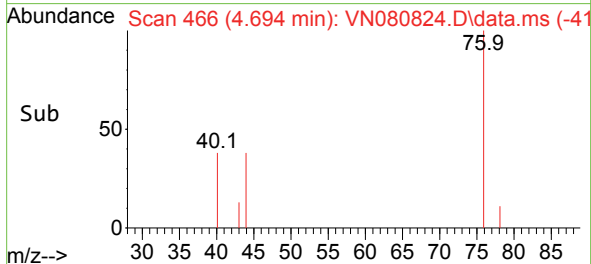
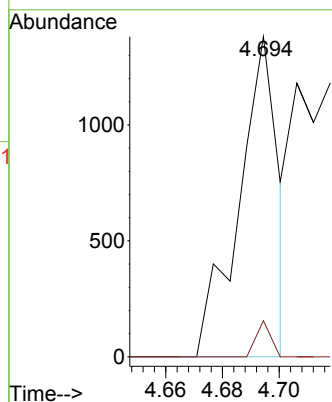
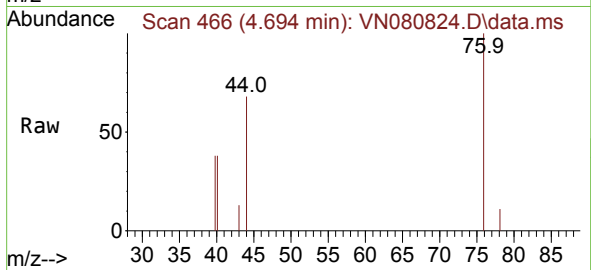




#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 4.694 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

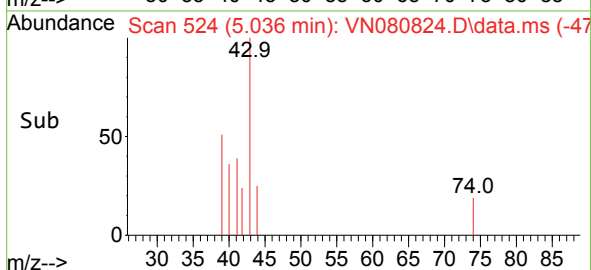
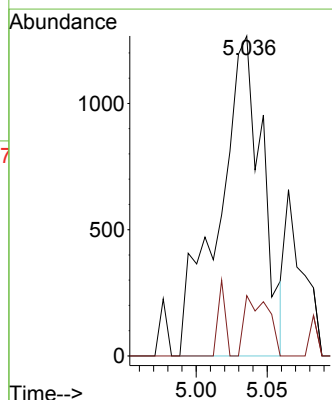
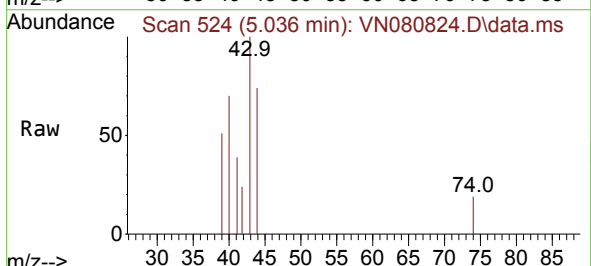
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

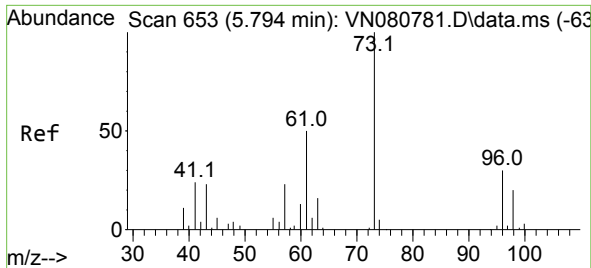
Tgt Ion: 76 Resp: 1330
Ion Ratio Lower Upper
76 100
78 11.3 6.3 9.5#



#18
Methyl Acetate
Concen: 1.208 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 43 Resp: 2708
Ion Ratio Lower Upper
43 100
74 10.4 17.3 25.9#

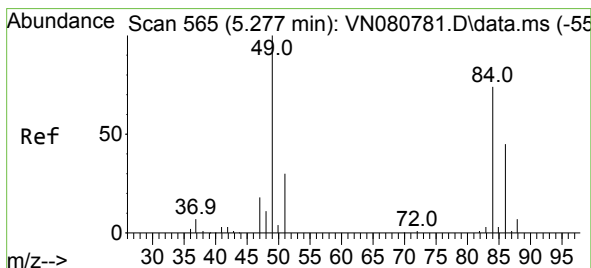
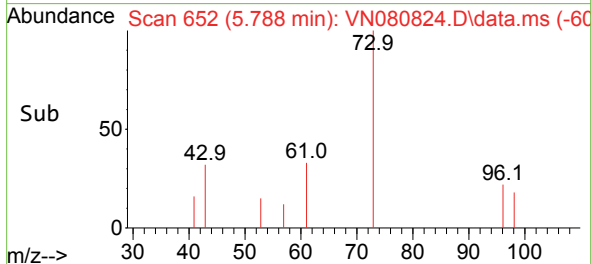
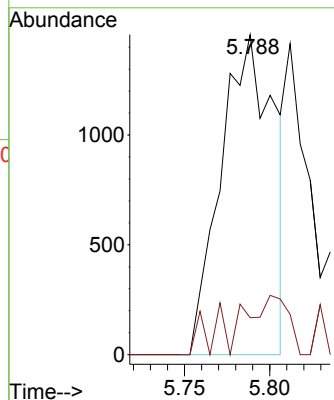
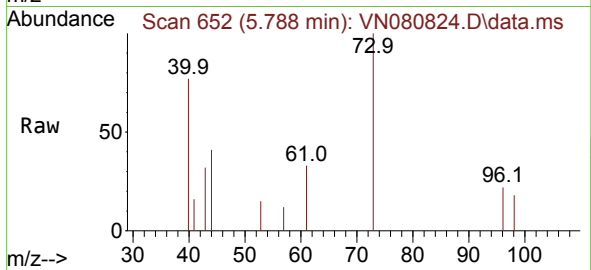




#19
Methyl tert-butyl Ether
Concen: 0.621 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

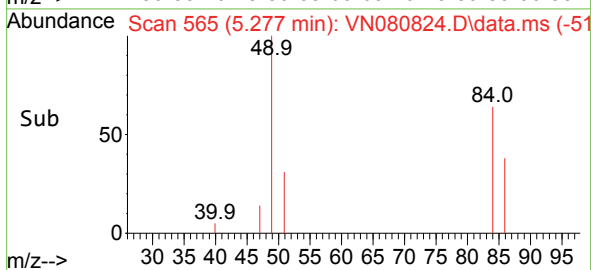
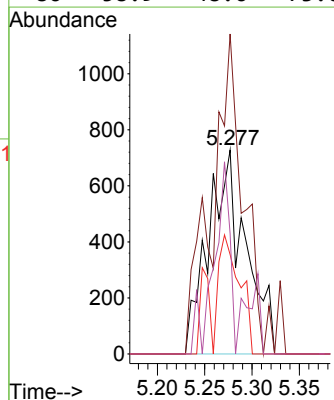
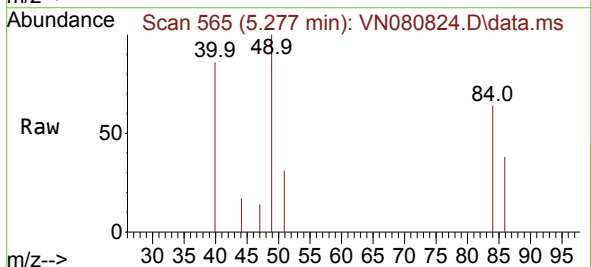
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

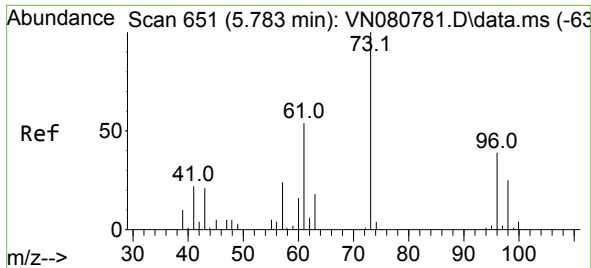
Tgt Ion: 73 Resp: 3147
Ion Ratio Lower Upper
73 100
57 11.5 18.2 27.4#



#20
Methylene Chloride
Concen: 1.181 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 84 Resp: 1994
Ion Ratio Lower Upper
84 100
49 156.9 108.1 162.1
51 48.8 32.9 49.3
86 58.9 48.6 73.0

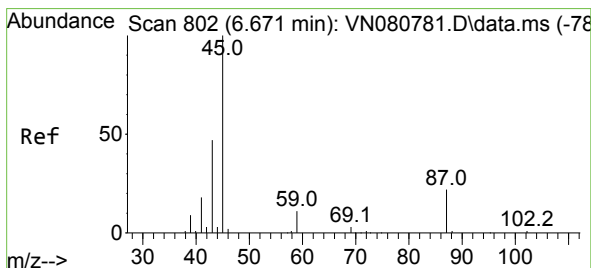
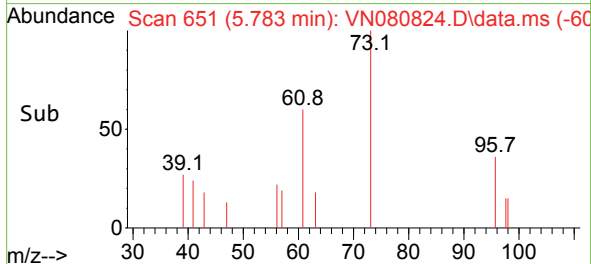
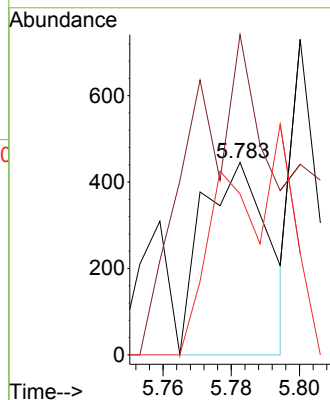
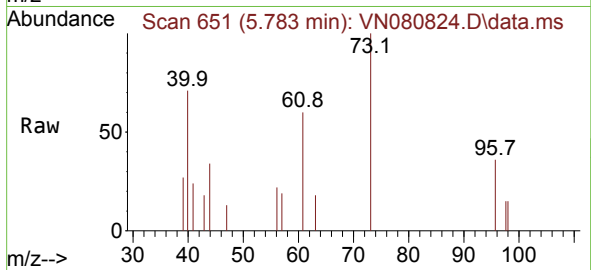




#21
trans-1,2-Dichloroethene
Concen: 0.383 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

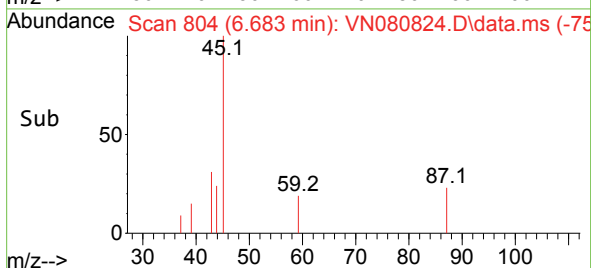
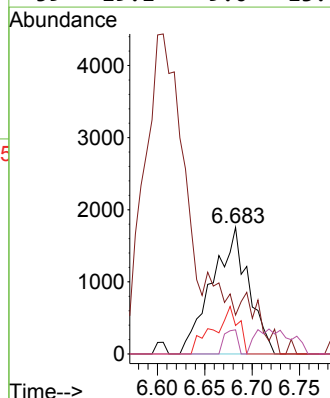
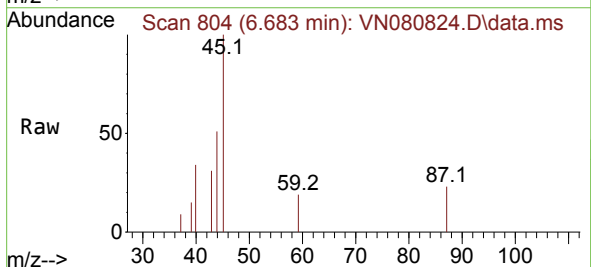
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

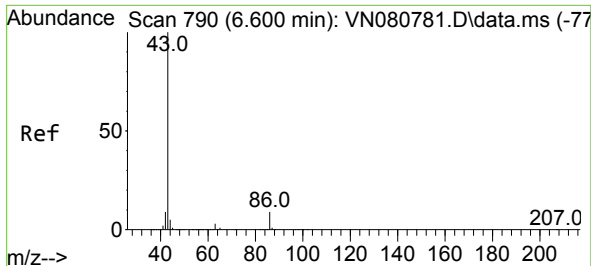
Tgt Ion: 96 Resp: 599
Ion Ratio Lower Upper
96 100
61 81.1 112.8 169.2#
98 83.6 51.0 76.4#



#22
Diisopropyl ether
Concen: 0.750 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 45 Resp: 4707
Ion Ratio Lower Upper
45 100
43 30.8 41.8 62.8#
87 22.6 18.1 27.1
59 19.1 9.0 13.6#

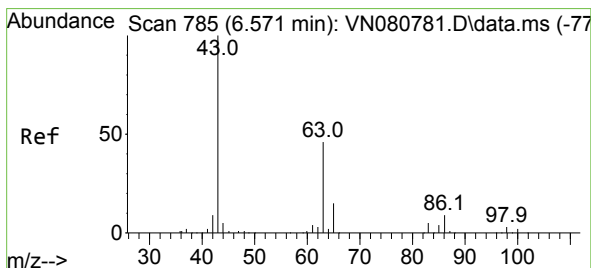
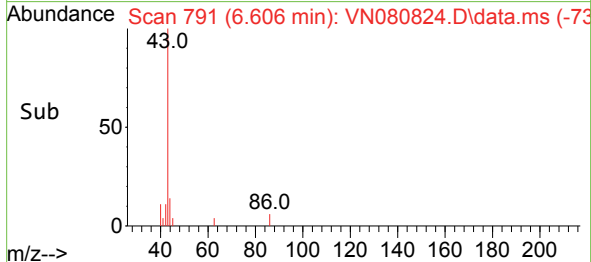
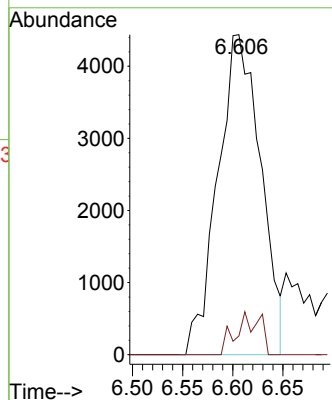
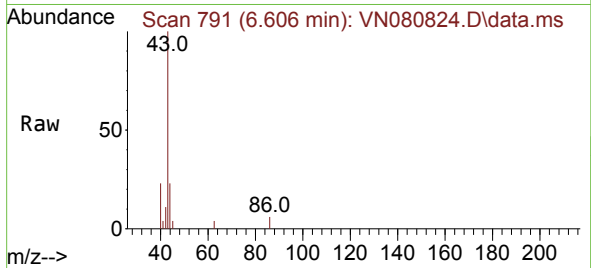




#23
 Vinyl Acetate
 Concen: 2.907 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

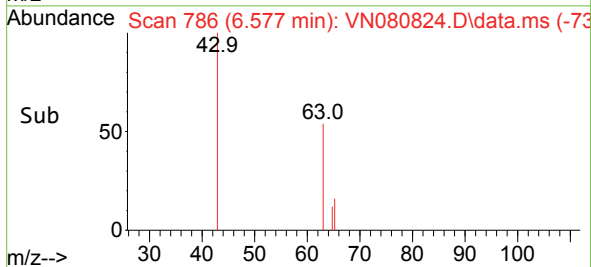
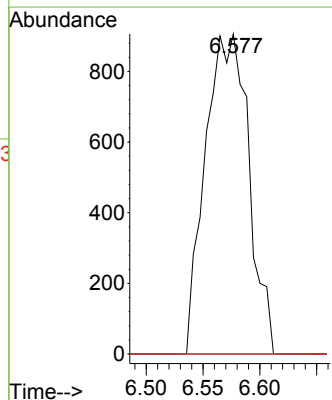
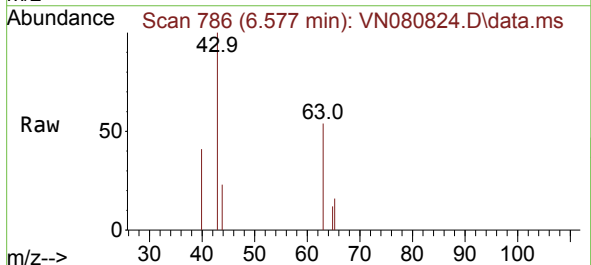
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

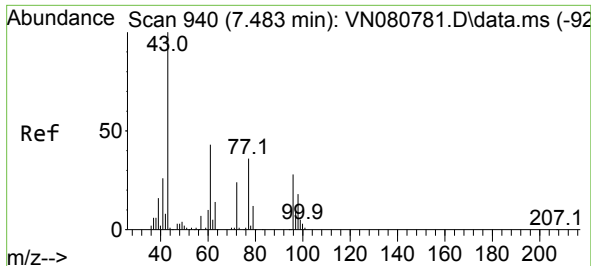
Tgt Ion: 43 Resp: 13197
 Ion Ratio Lower Upper
 43 100
 86 5.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 0.757 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

Tgt Ion: 63 Resp: 2409
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.6#
 100 0.0 1.9 5.7#

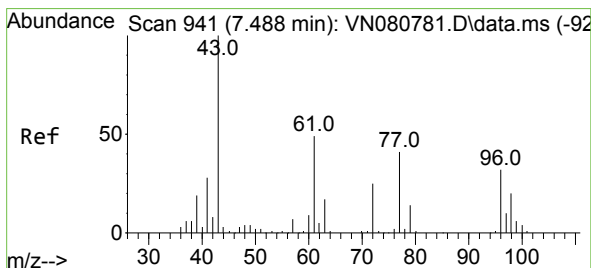
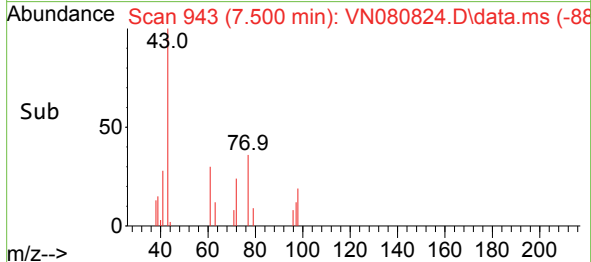
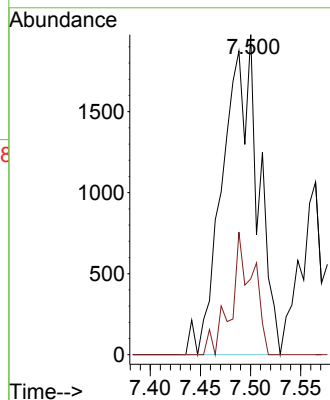
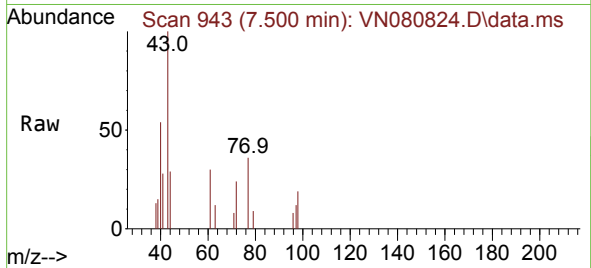




#25
2-Butanone
Concen: 3.918 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

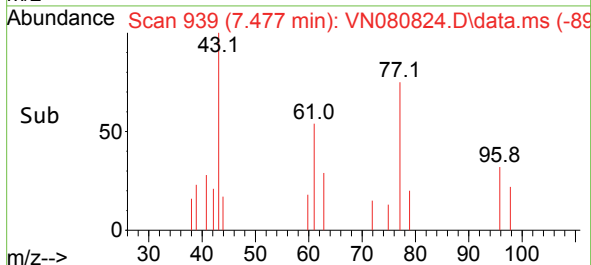
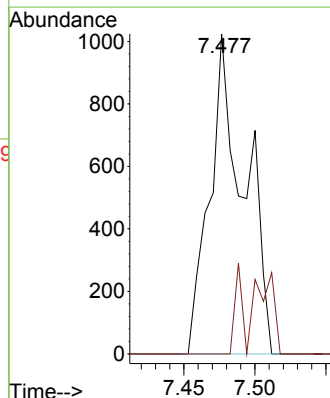
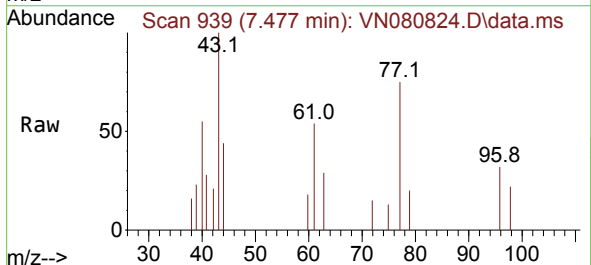
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

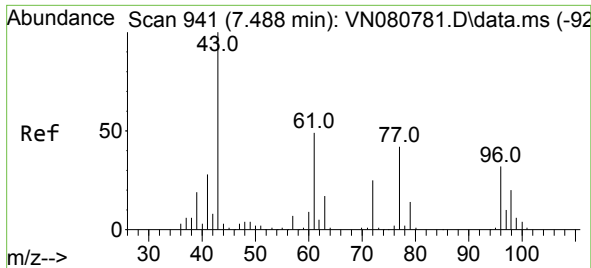
Tgt Ion: 43 Resp: 4786
Ion Ratio Lower Upper
43 100
72 23.7 19.5 29.3



#26
2,2-Dichloropropane
Concen: 0.668 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 77 Resp: 1717
Ion Ratio Lower Upper
77 100
97 5.9 11.5 34.5#

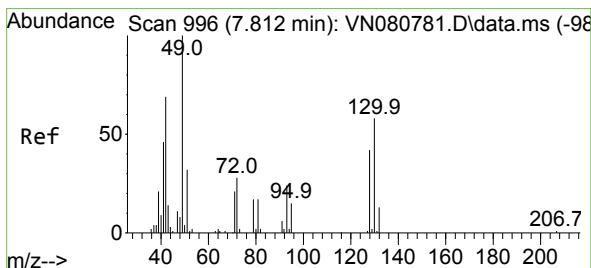
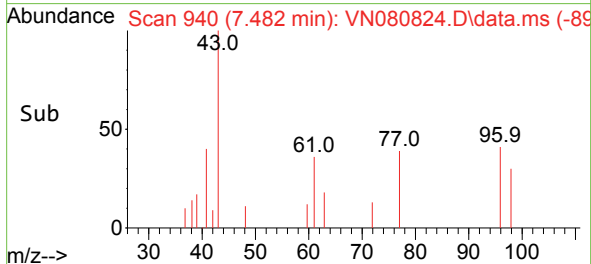
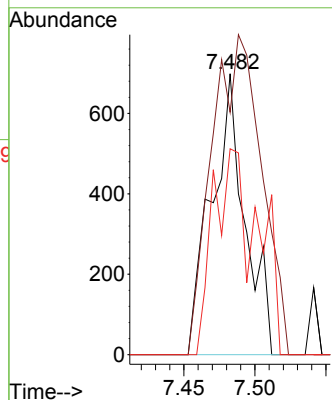
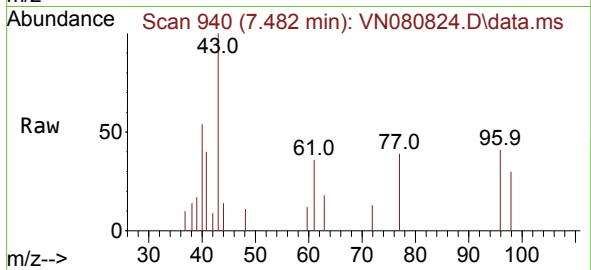




#27
 cis-1,2-Dichloroethene
 Concen: 0.631 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

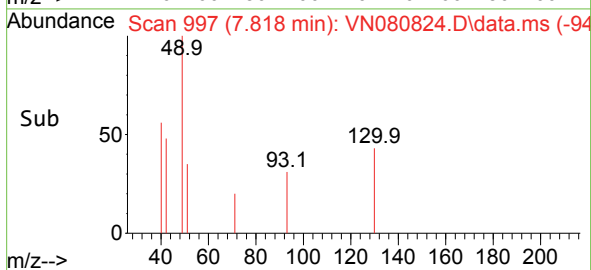
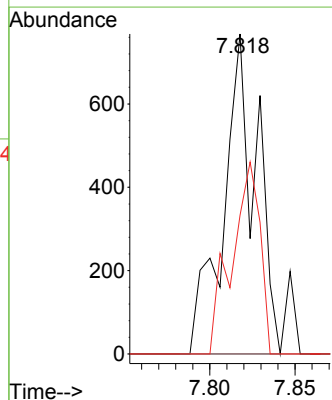
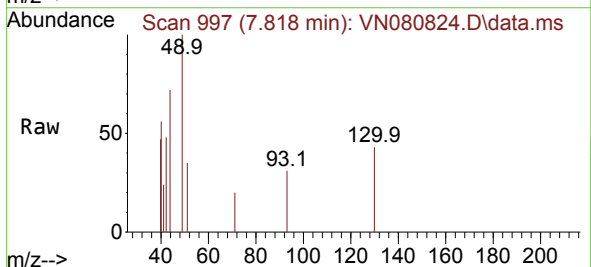
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

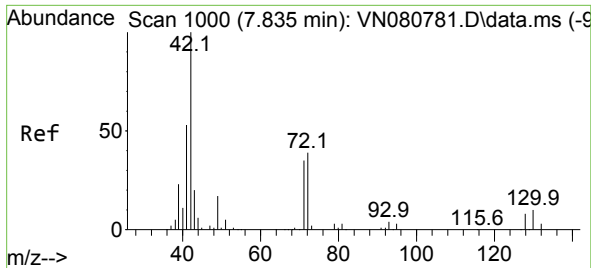
Tgt Ion: 96	Resp: 1141
Ion Ratio	Lower Upper
96	100
61	170.4 0.0 325.4
98	65.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 0.616 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

Tgt Ion: 49	Resp: 1037
Ion Ratio	Lower Upper
49	100
129	0.0 0.0 1.6
130	51.4 42.3 63.5

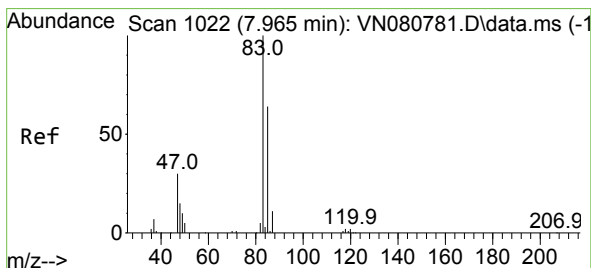
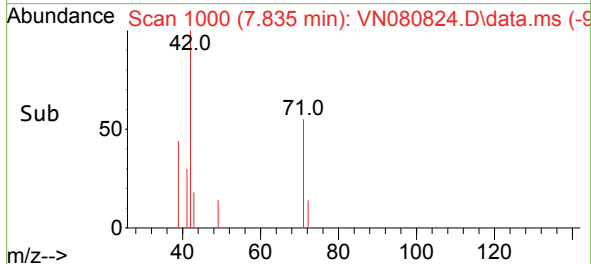
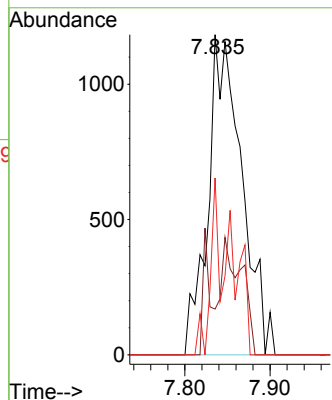
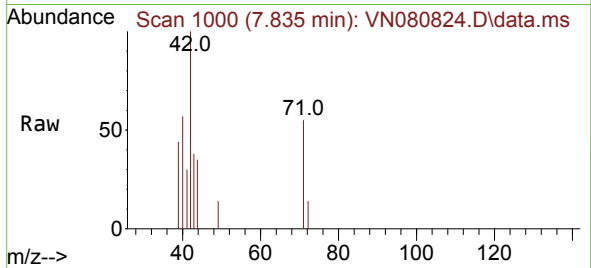




#29
Tetrahydrofuran
Concen: 3.961 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

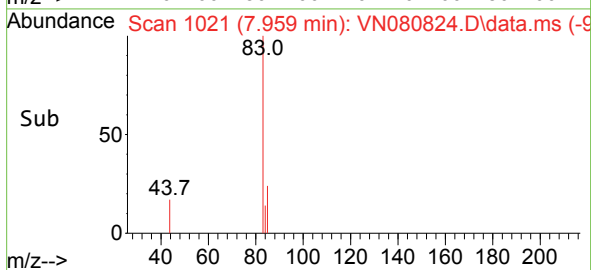
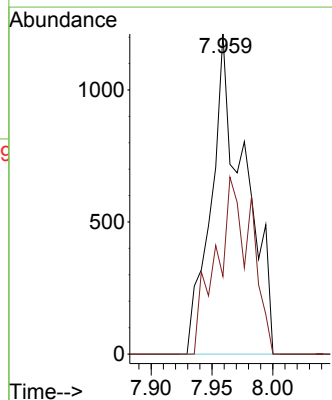
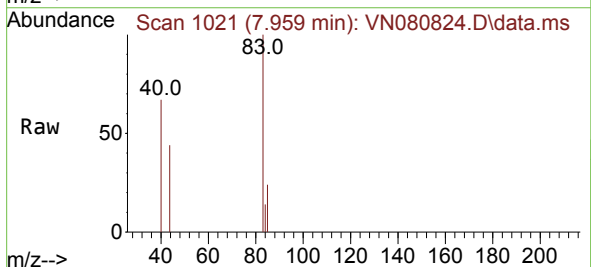
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

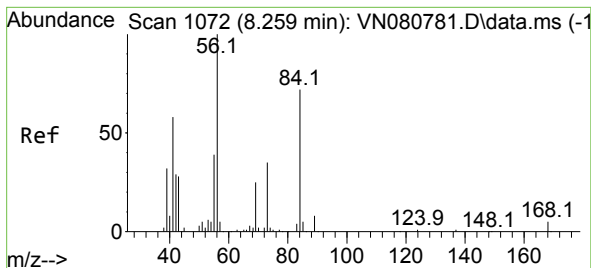
Tgt Ion: 42 Resp: 3274
Ion Ratio Lower Upper
42 100
72 8.8 31.1 46.7#
71 16.6 28.3 42.5#



#30
Chloroform
Concen: 0.792 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 83 Resp: 2341
Ion Ratio Lower Upper
83 100
85 24.3 51.0 76.6#





#31

Cyclohexane

Concen: 1.969 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

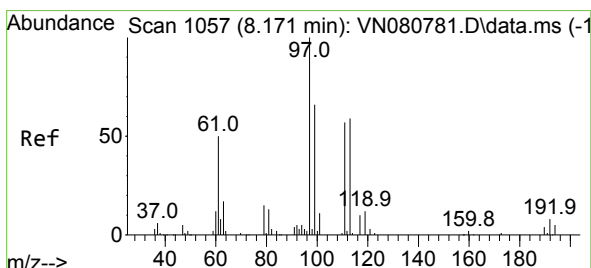
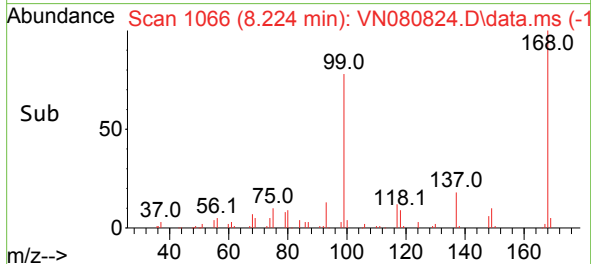
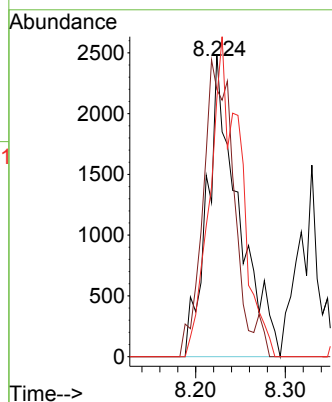
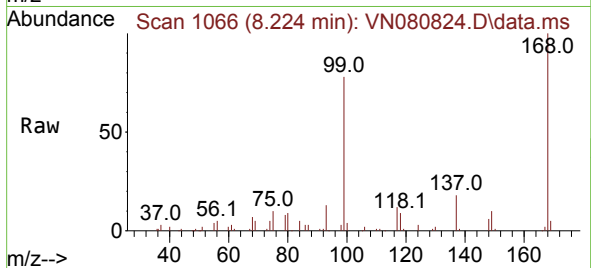
Tgt Ion: 56 Resp: 5987

Ion Ratio Lower Upper

56 100

69 88.3 20.1 30.1#

84 85.2 56.9 85.3



#32

1,1,1-Trichloroethane

Concen: 0.694 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

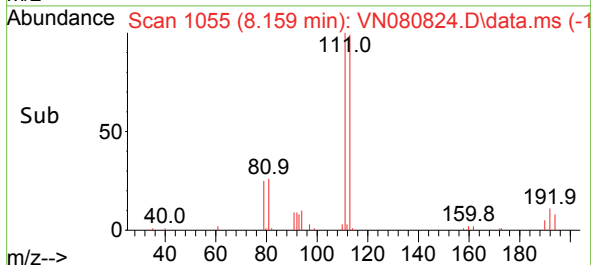
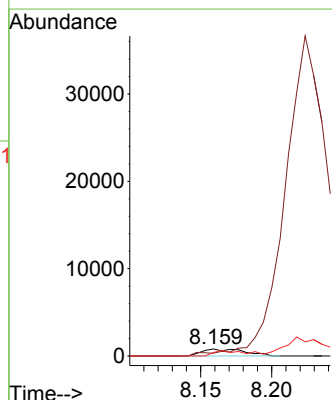
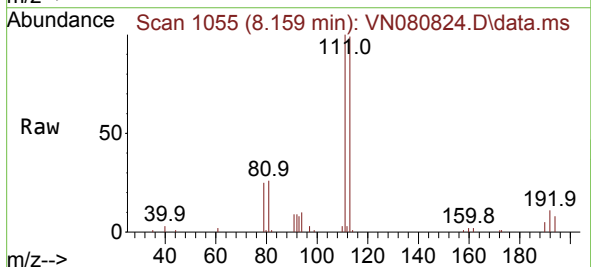
Tgt Ion: 97 Resp: 1663

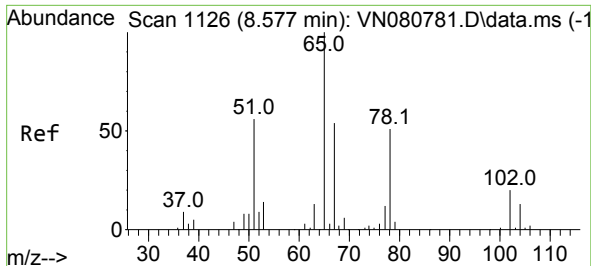
Ion Ratio Lower Upper

97 100

99 0.0 53.4 80.0#

61 47.1 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 56.023 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

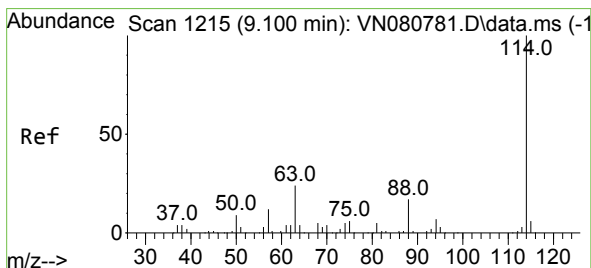
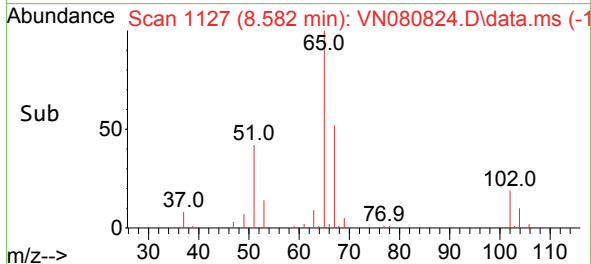
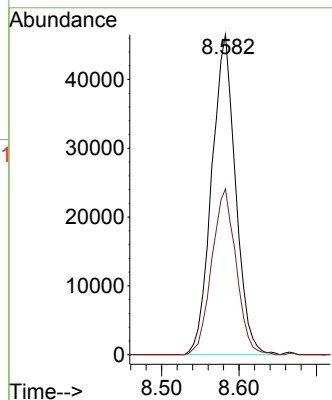
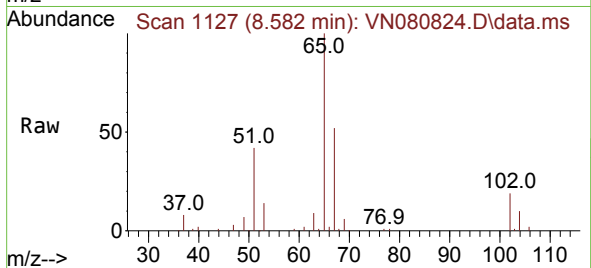
MDL-WATER-03-QT1-2024

Tgt Ion: 65 Resp: 99340

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

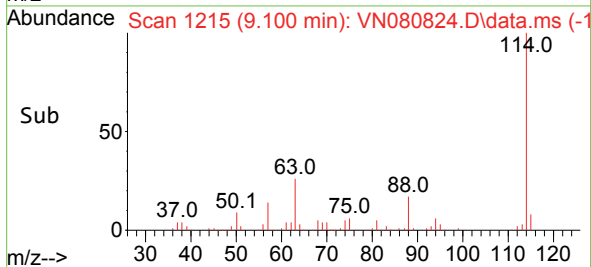
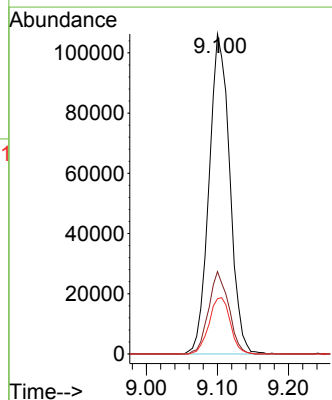
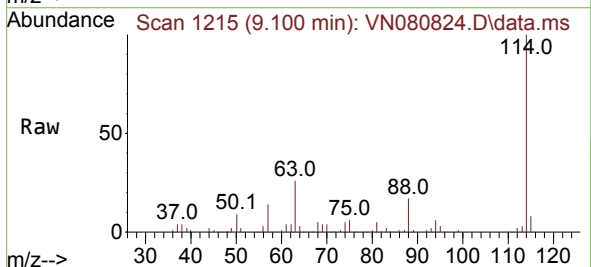
Tgt Ion: 114 Resp: 214827

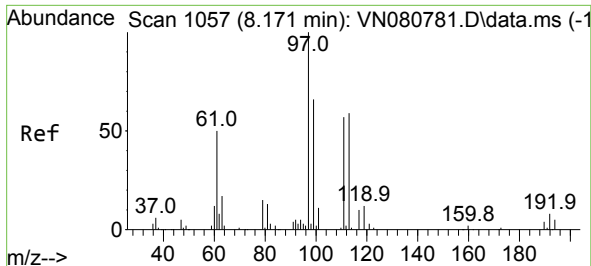
Ion Ratio Lower Upper

114 100

63 25.7 0.0 48.0

88 17.3 0.0 34.8

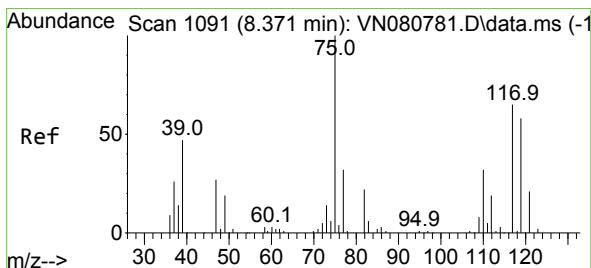
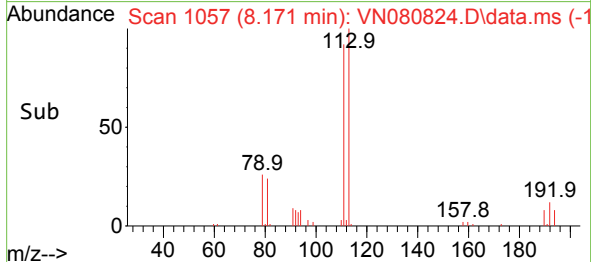
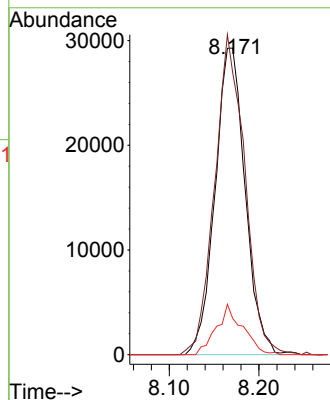
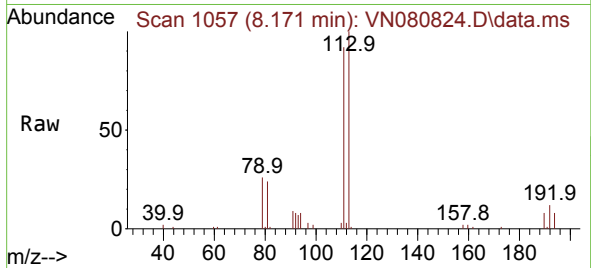




#35
Dibromofluoromethane
Concen: 51.816 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

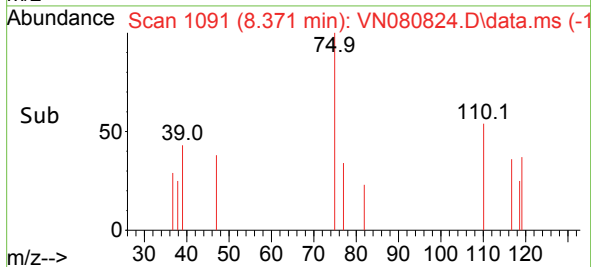
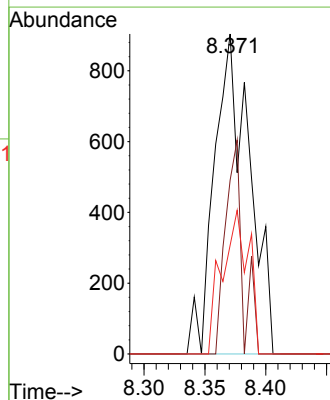
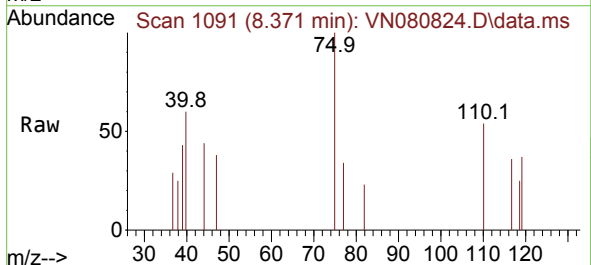
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

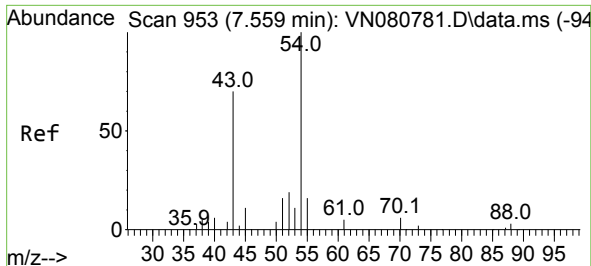
Tgt Ion:113 Resp: 68103
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 14.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 0.741 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 75 Resp: 1811
Ion Ratio Lower Upper
75 100
110 32.6 16.0 48.0
77 34.1 25.8 38.6





#37

Ethyl Acetate

Concen: 0.825 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080824.D

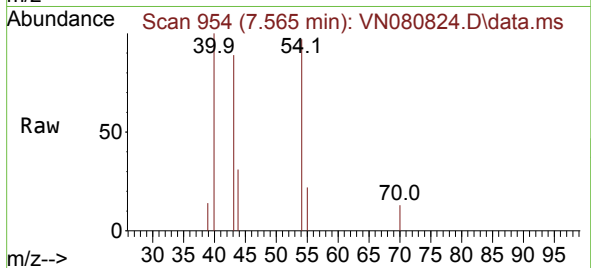
Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024



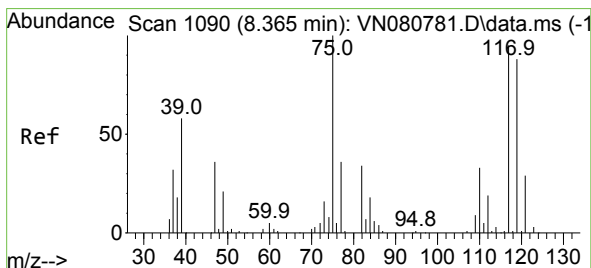
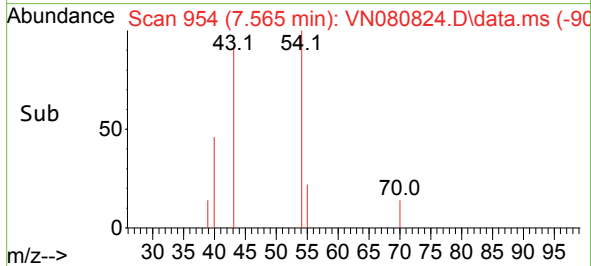
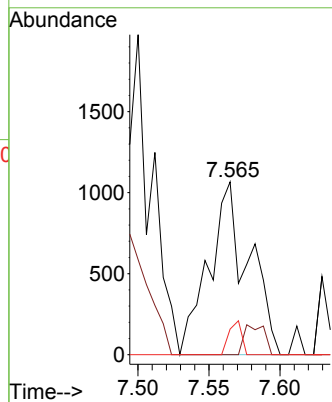
Tgt Ion: 43 Resp: 2075

Ion Ratio Lower Upper

43 100

61 8.8 10.6 15.8#

70 6.3 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 0.560 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

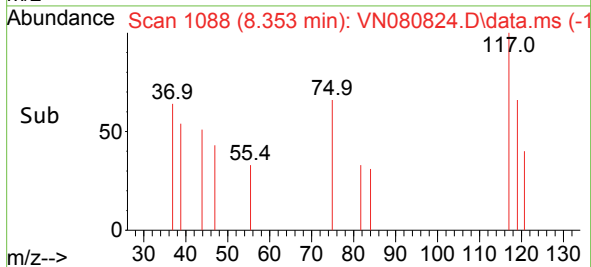
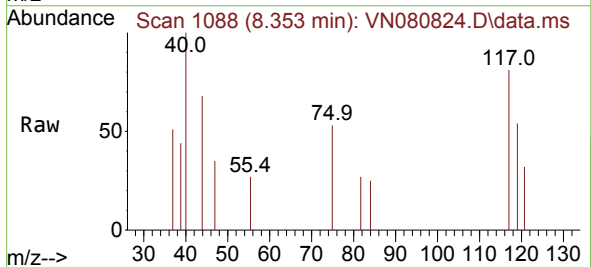
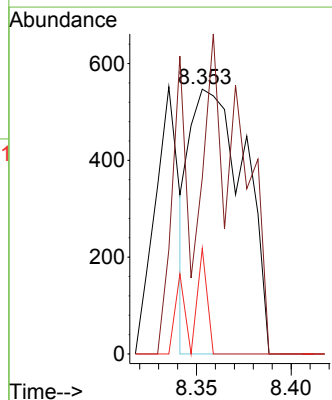
Tgt Ion: 117 Resp: 1103

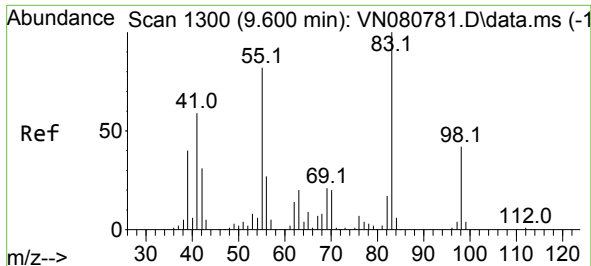
Ion Ratio Lower Upper

117 100

119 66.4 73.4 110.2#

121 39.9 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.666 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

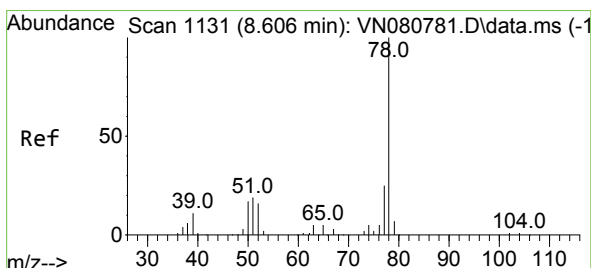
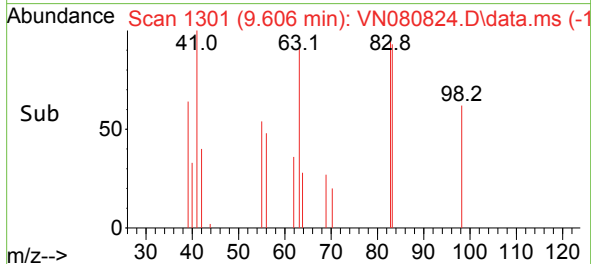
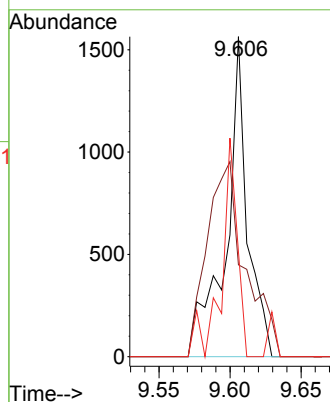
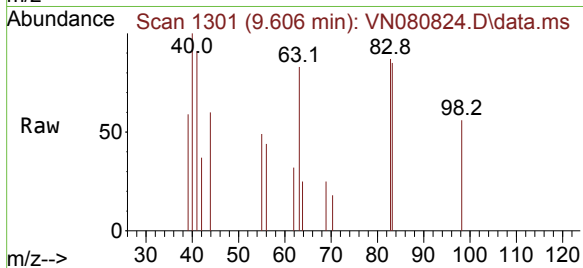
Tgt Ion: 83 Resp: 1617

Ion Ratio Lower Upper

83 100

55 28.7 65.7 98.5#

98 32.8 33.8 50.6#



#40

Benzene

Concen: 0.723 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080824.D

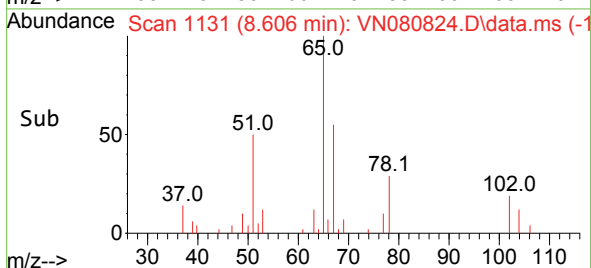
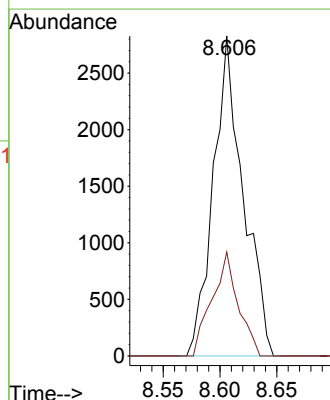
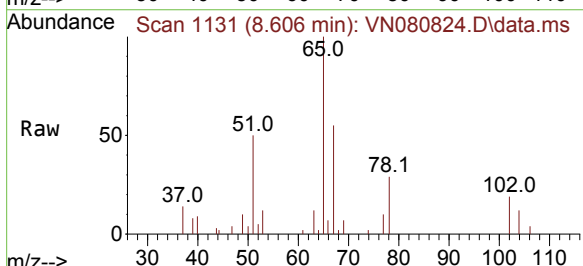
Acq: 30 Jan 2024 19:10

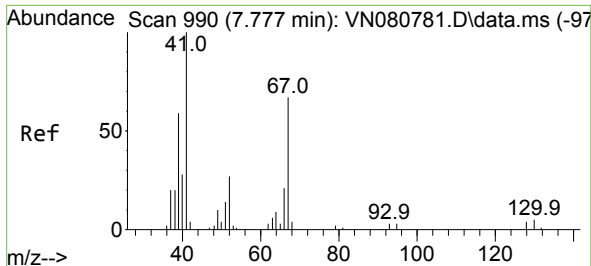
Tgt Ion: 78 Resp: 5191

Ion Ratio Lower Upper

78 100

77 32.5 20.4 30.6#

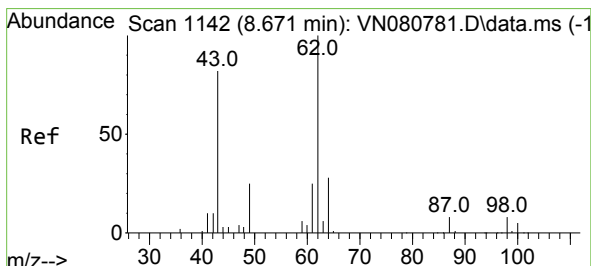
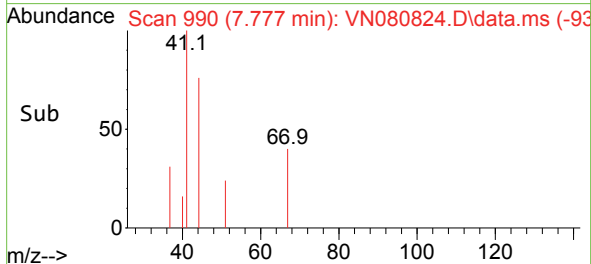
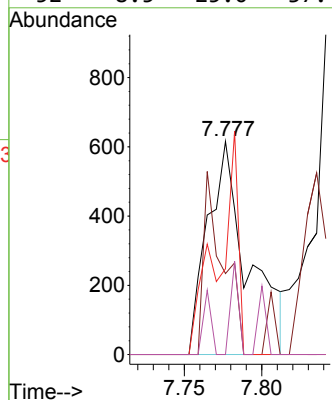
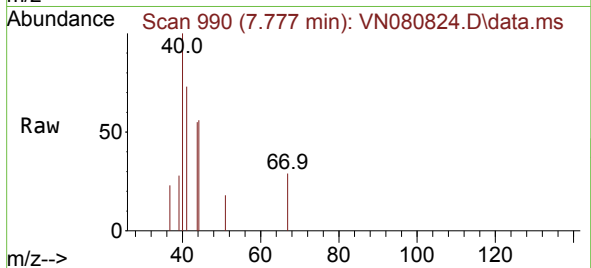




#41
Methacrylonitrile
Concen: 0.751 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

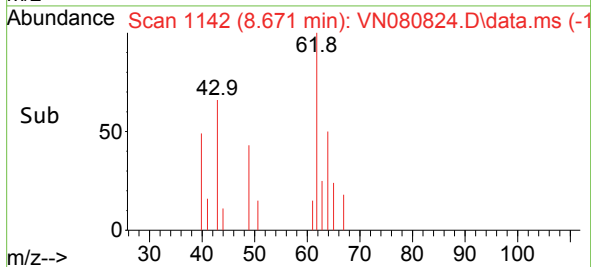
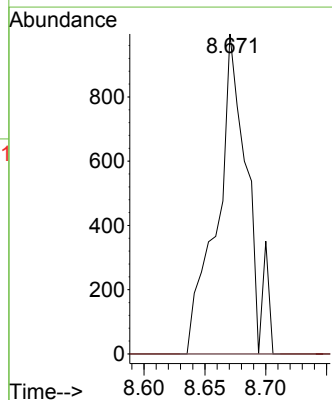
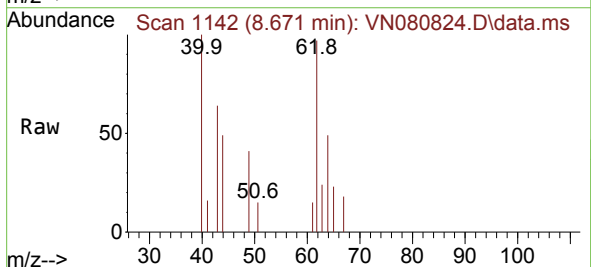
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

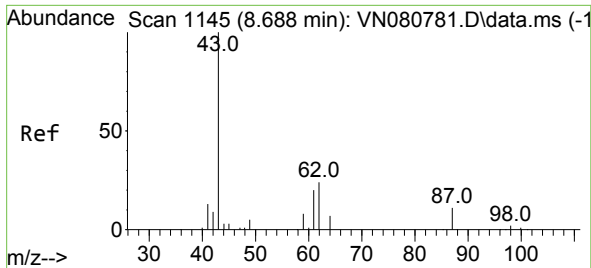
Tgt Ion: 41	Resp: 1113
Ion Ratio	Lower Upper
41 100	
39 0.0	48.4 72.6#
67 51.0	56.8 85.2#
52 8.5	25.0 37.4#



#42
1,2-Dichloroethane
Concen: 0.738 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 62	Resp: 1727
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 18.0

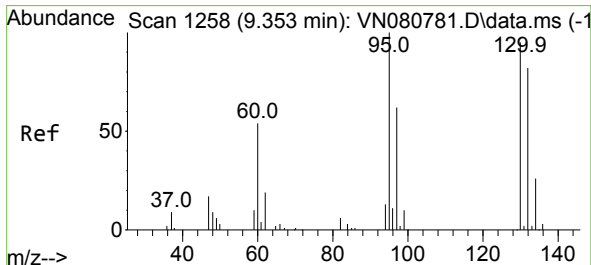
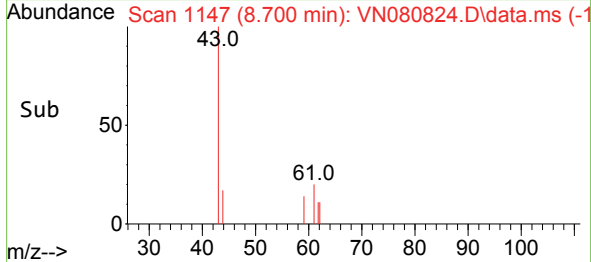
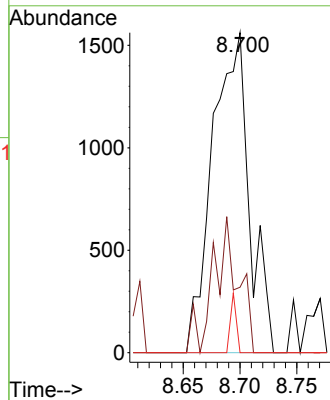
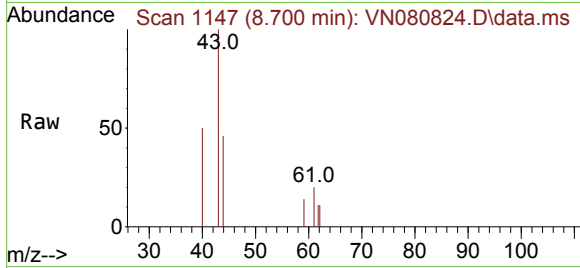




#43
Isopropyl Acetate
Concen: 0.769 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

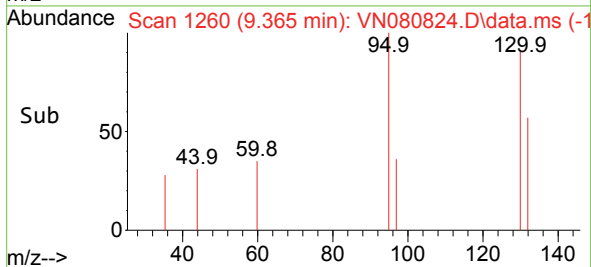
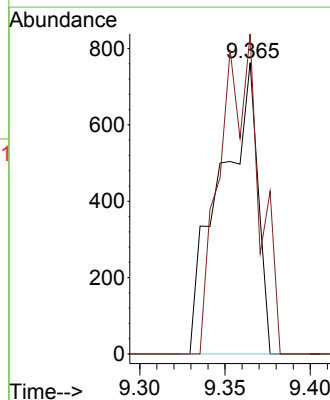
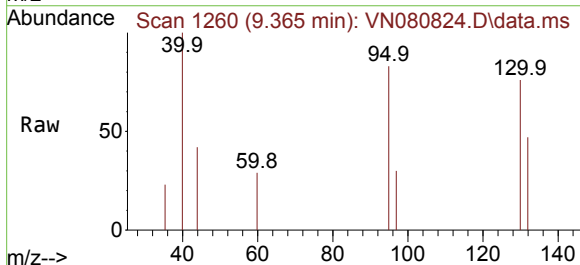
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

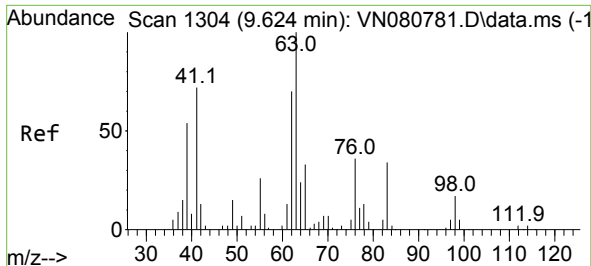
Tgt Ion: 43	Resp: 3522
Ion Ratio	Lower Upper
43 100	
61 28.9	19.9 29.9
87 2.9	9.0 13.6#



#44
Trichloroethene
Concen: 0.734 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion:130	Resp:	1161	
Ion	Ratio	Lower	Upper
130	100		
95	109.8	0.0	210.4

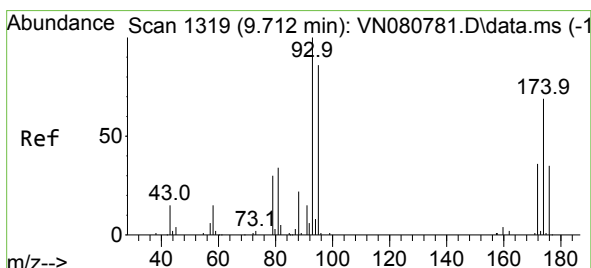
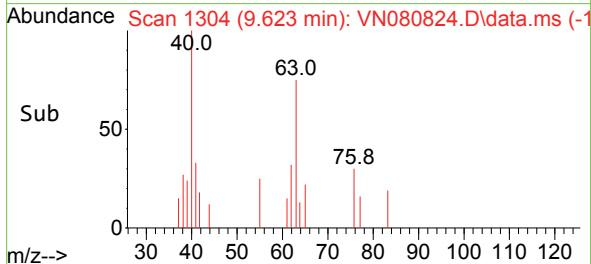
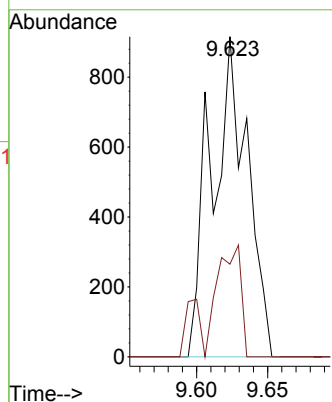
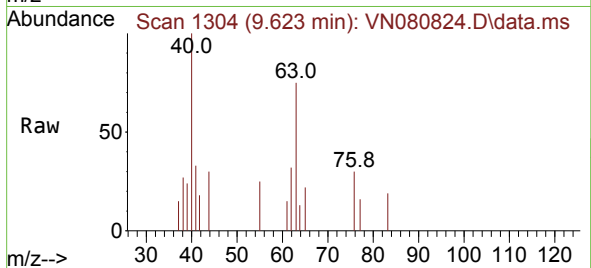




#45
1,2-Dichloropropane
Concen: 0.829 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

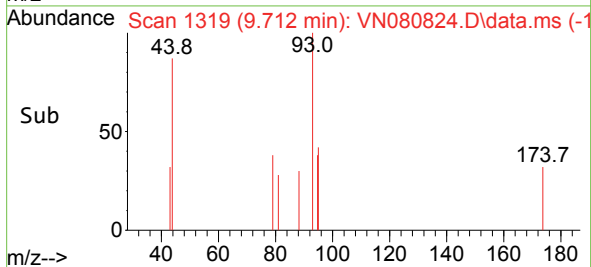
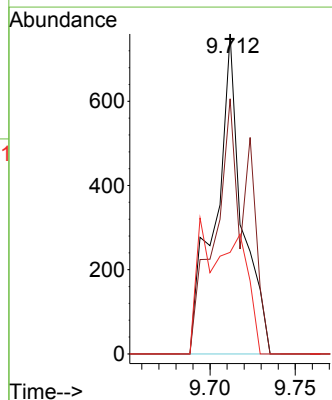
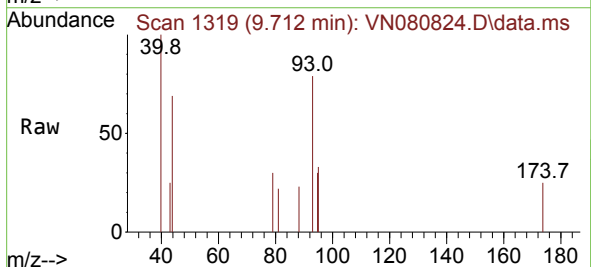
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

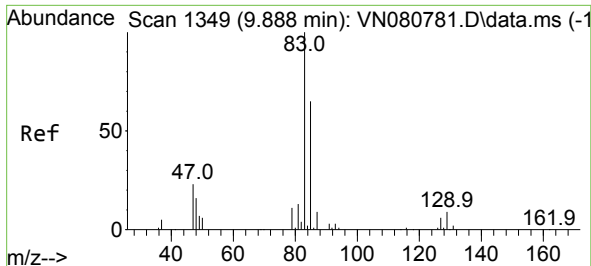
Tgt Ion: 63 Resp: 1611
Ion Ratio Lower Upper
63 100
65 28.9 26.1 39.1



#46
Dibromomethane
Concen: 0.721 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 93 Resp: 830
Ion Ratio Lower Upper
93 100
95 97.6 68.1 102.1
174 31.8 57.2 85.8#





#47

Bromodichloromethane

Concen: 0.675 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

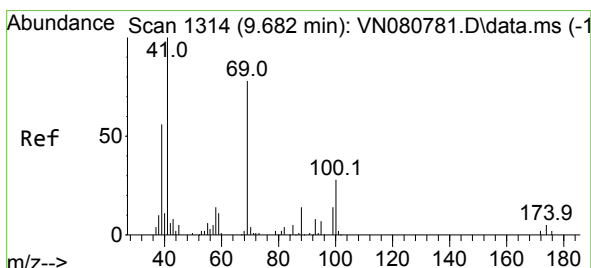
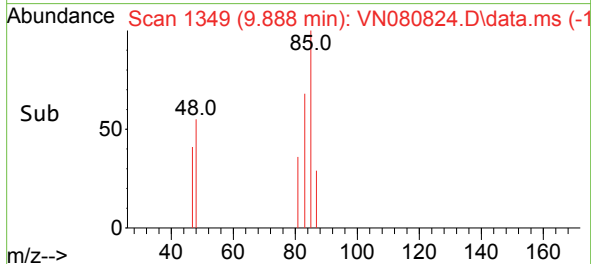
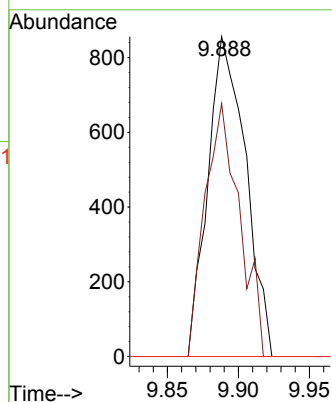
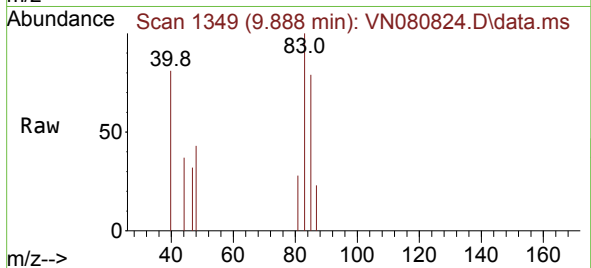
Tgt Ion: 83 Resp: 1579

Ion Ratio Lower Upper

83 100

85 79.1 52.3 78.5#

127 0.0 4.6 7.0#



#48

Methyl methacrylate

Concen: 0.847 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

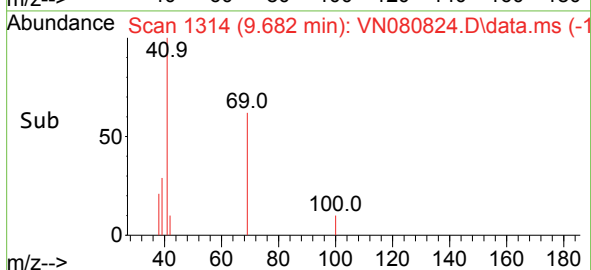
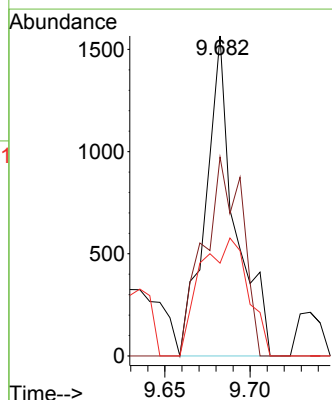
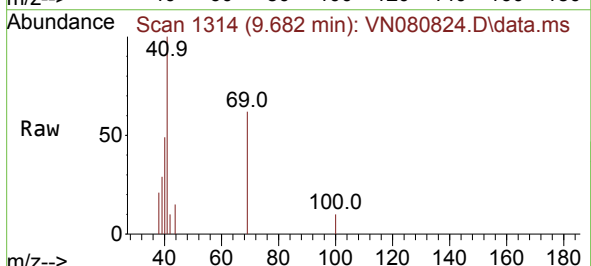
Tgt Ion: 41 Resp: 1881

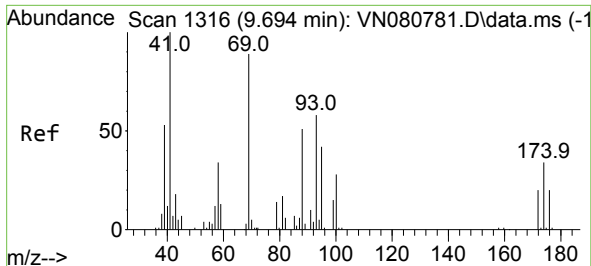
Ion Ratio Lower Upper

41 100

69 81.2 62.2 93.2

39 59.9 47.6 71.4





#49

1,4-Dioxane

Concen: 22.104 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

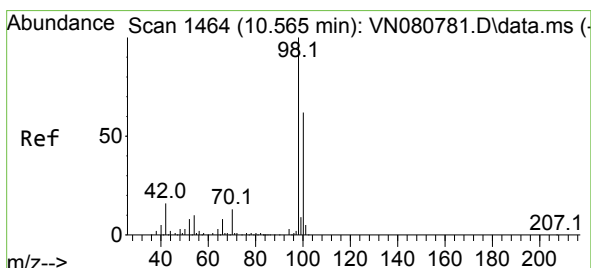
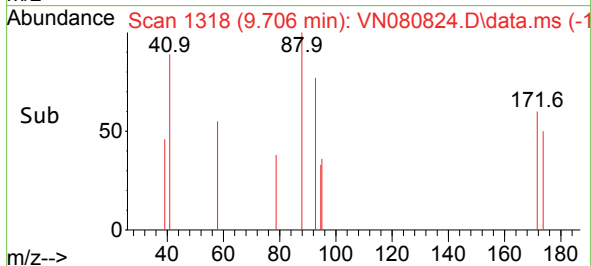
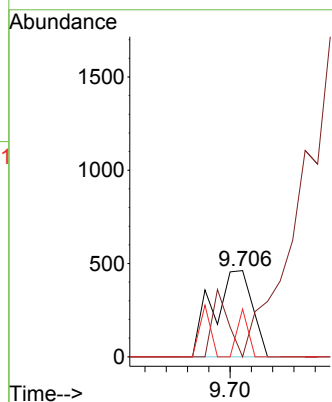
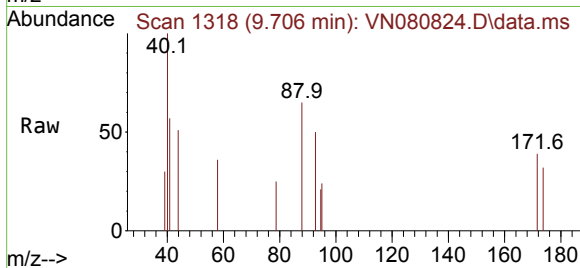
Tgt Ion: 88 Resp: 591

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 15.2 63.9 95.9#



#50

Toluene-d8

Concen: 51.761 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080824.D

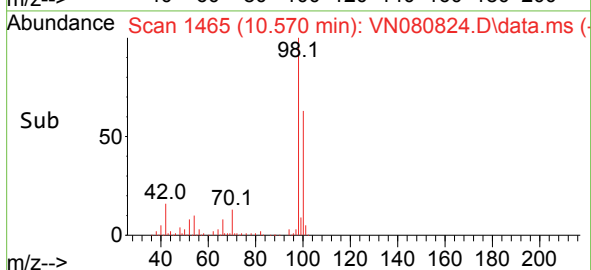
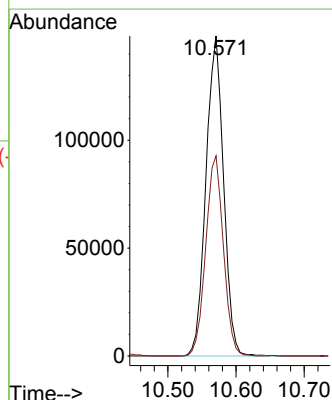
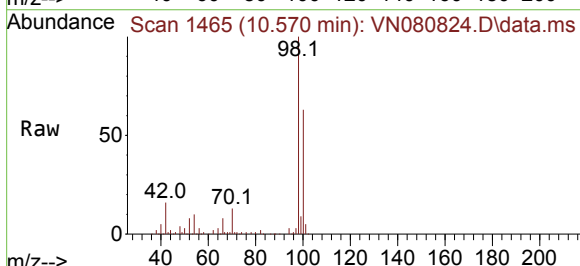
Acq: 30 Jan 2024 19:10

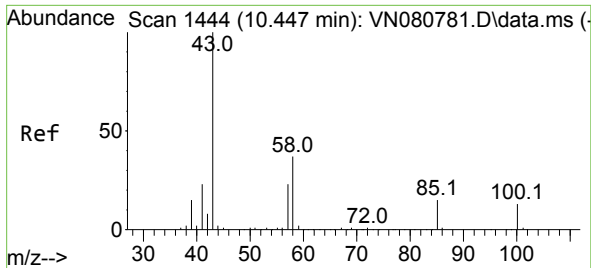
Tgt Ion: 98 Resp: 266269

Ion Ratio Lower Upper

98 100

100 62.8 51.4 77.0

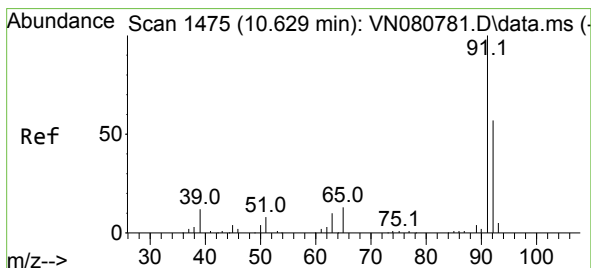
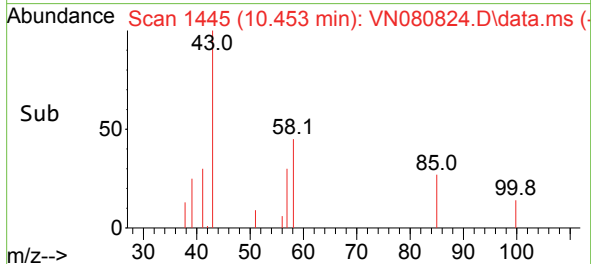
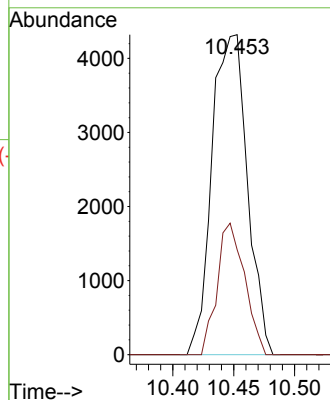
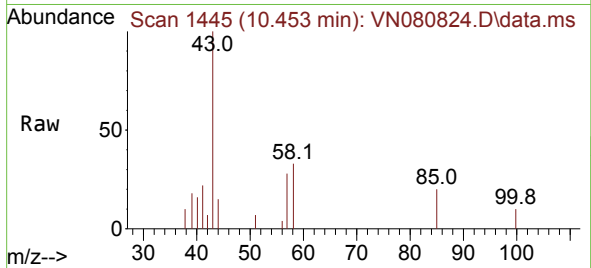




#51
4-Methyl-2-Pentanone
Concen: 3.415 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

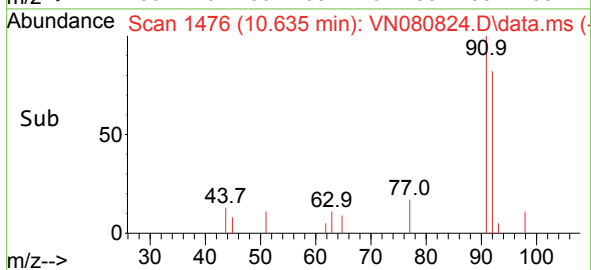
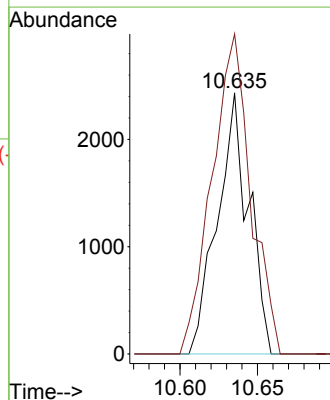
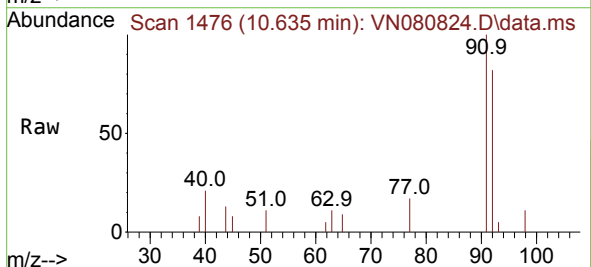
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

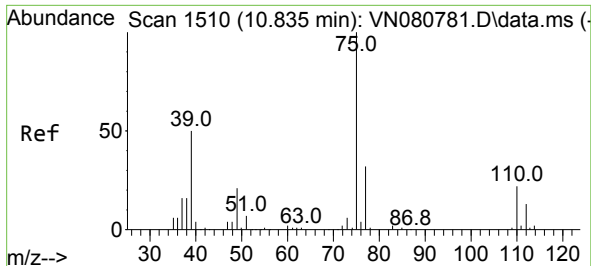
Tgt Ion: 43 Resp: 8740
Ion Ratio Lower Upper
43 100
58 31.9 29.4 44.0



#52
Toluene
Concen: 0.832 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 92 Resp: 3426
Ion Ratio Lower Upper
92 100
91 151.1 139.4 209.0

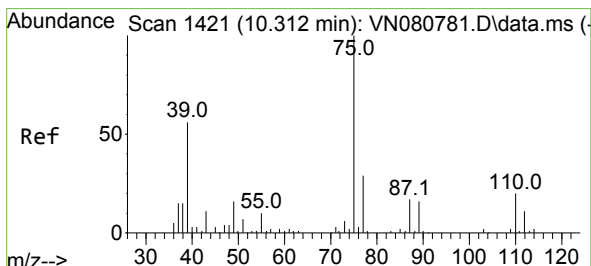
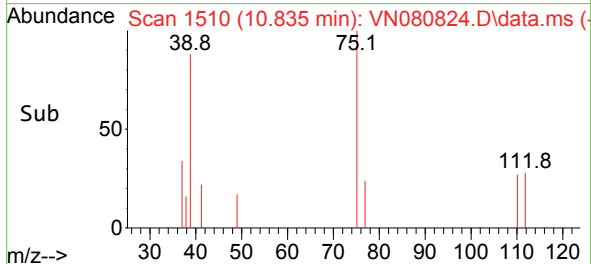
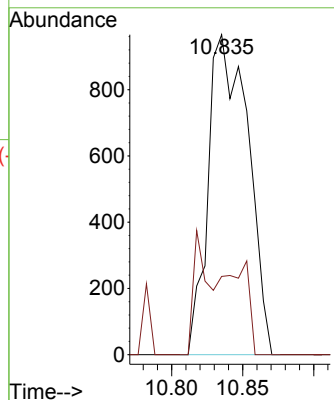
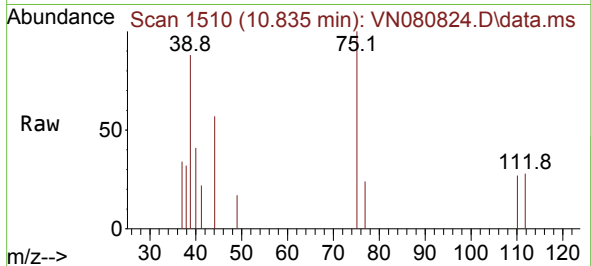




#53
 t-1,3-Dichloropropene
 Concen: 0.692 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

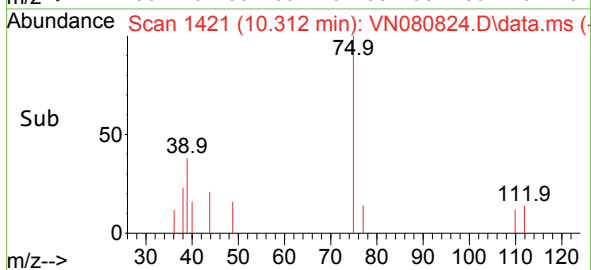
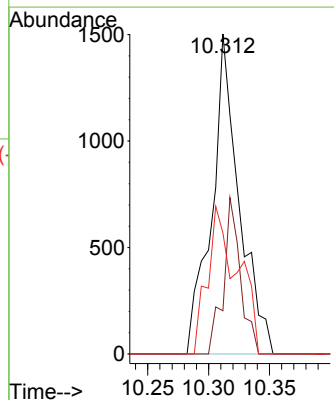
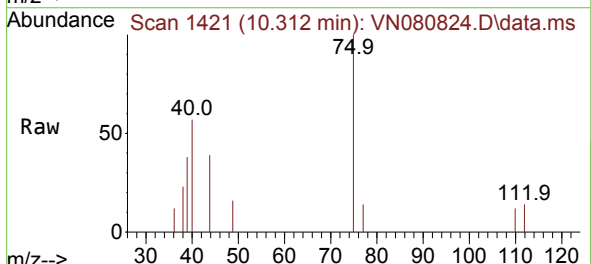
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT1-2024

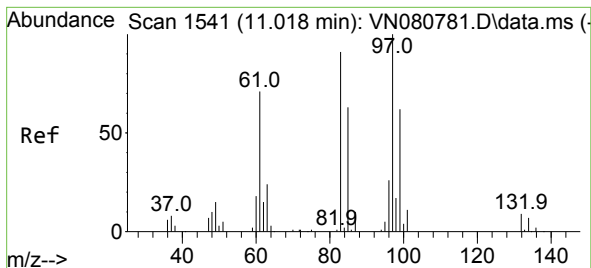
Tgt Ion: 75 Resp: 1884
 Ion Ratio Lower Upper
 75 100
 77 24.4 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 0.797 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

Tgt Ion: 75 Resp: 2361
 Ion Ratio Lower Upper
 75 100
 77 13.5 23.3 34.9#
 39 37.8 44.6 66.8#





#55

1,1,2-Trichloroethane

Concen: 0.657 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080824.D

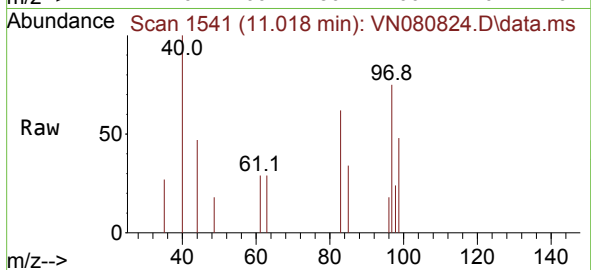
Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 97 Resp: 1039

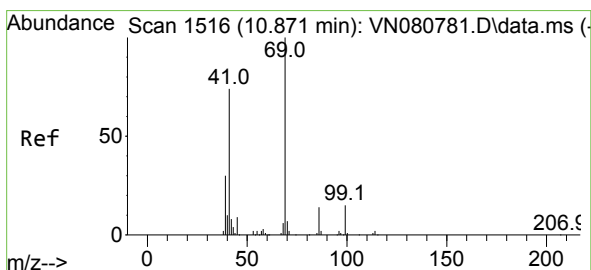
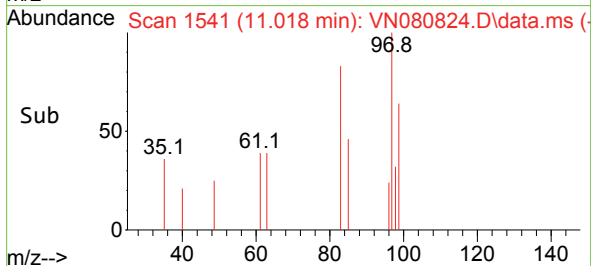
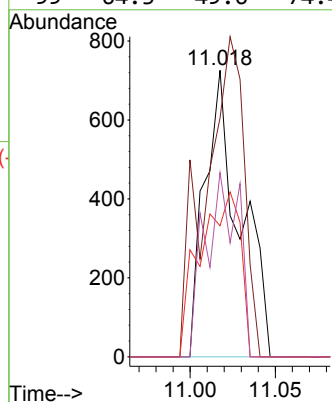
Ion Ratio Lower Upper

97 100

83 83.3 72.9 109.3

85 45.7 50.2 75.2#

99 64.3 49.6 74.4



#56

Ethyl methacrylate

Concen: 0.522 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.011 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

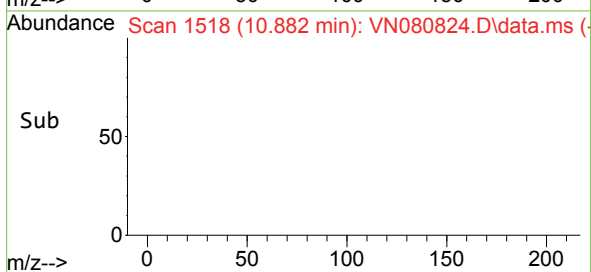
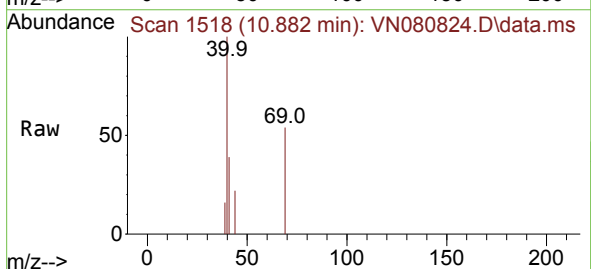
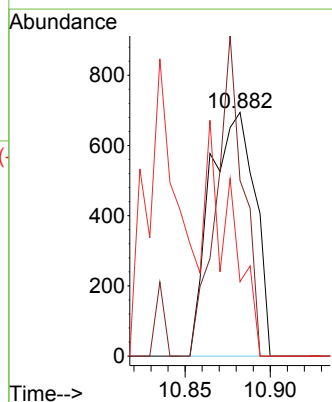
Tgt Ion: 69 Resp: 1269

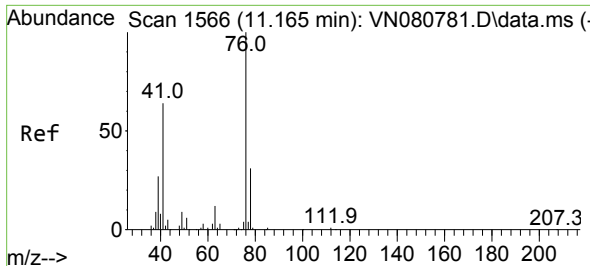
Ion Ratio Lower Upper

69 100

41 78.9 61.0 91.6

39 52.5 31.8 47.6#





#57

1,3-Dichloropropane

Concen: 0.776 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

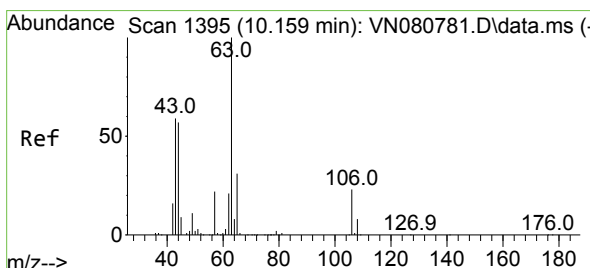
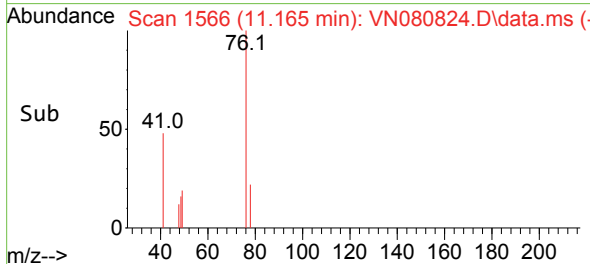
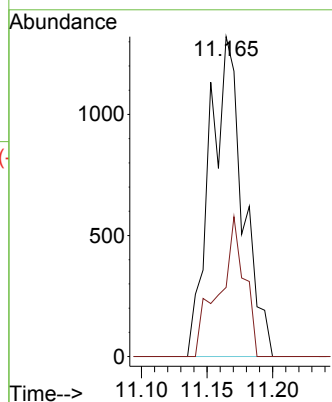
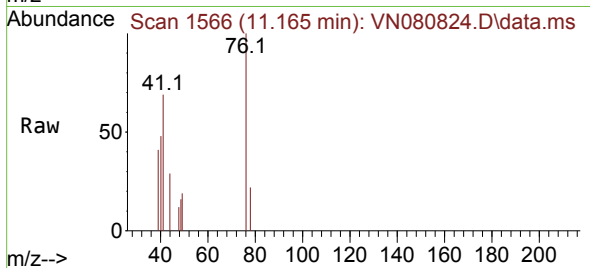
MDL-WATER-03-QT1-2024

Tgt Ion: 76 Resp: 2311

Ion Ratio Lower Upper

76 100

78 33.8 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 3.831 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080824.D

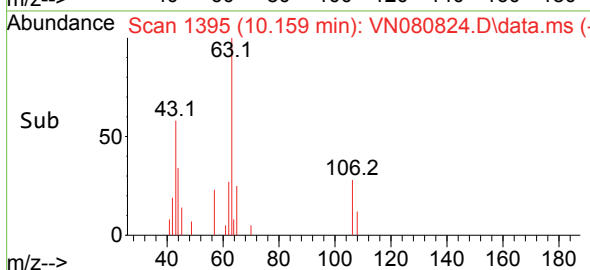
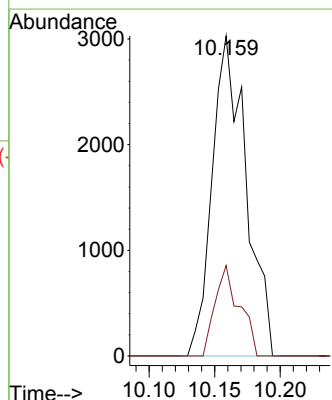
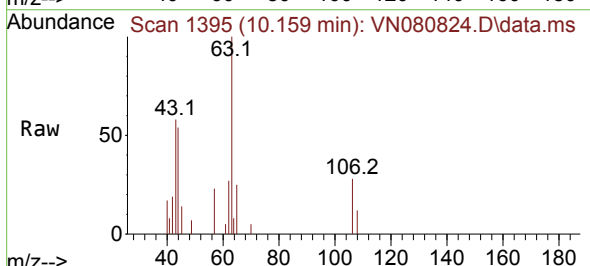
Acq: 30 Jan 2024 19:10

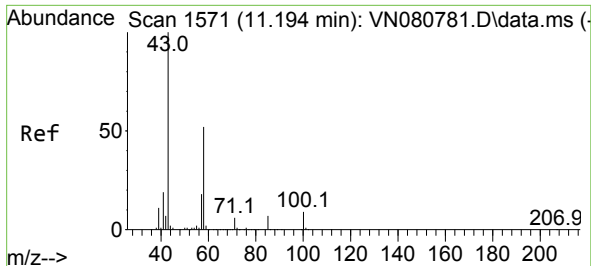
Tgt Ion: 63 Resp: 5431

Ion Ratio Lower Upper

63 100

106 20.3 18.6 28.0

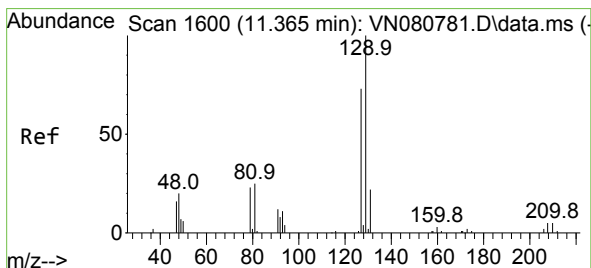
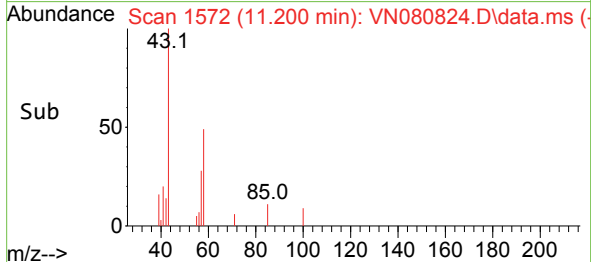
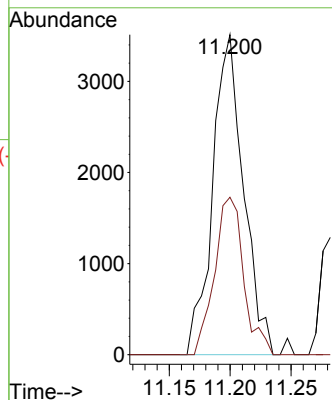
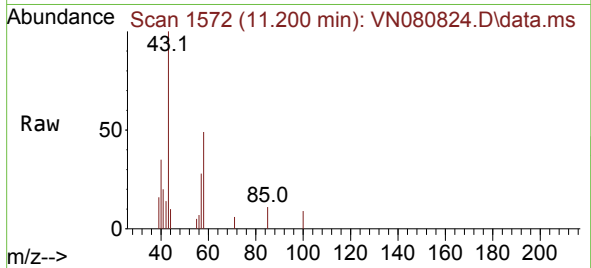




#59
2-Hexanone
Concen: 3.120 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

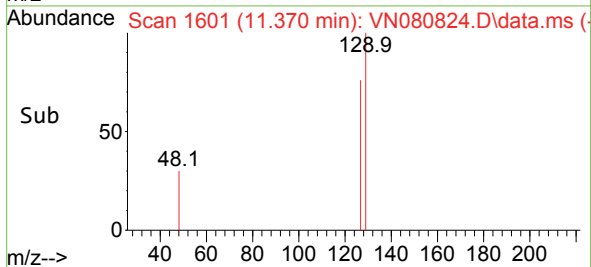
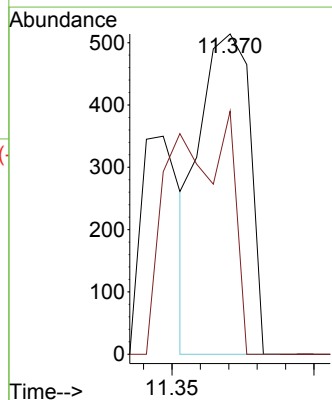
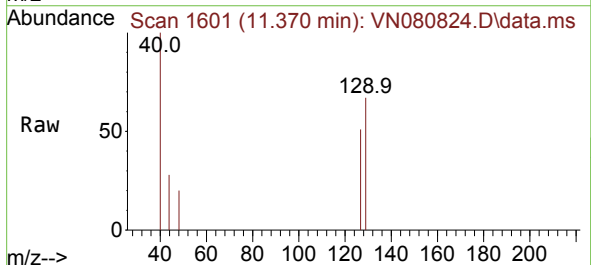
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

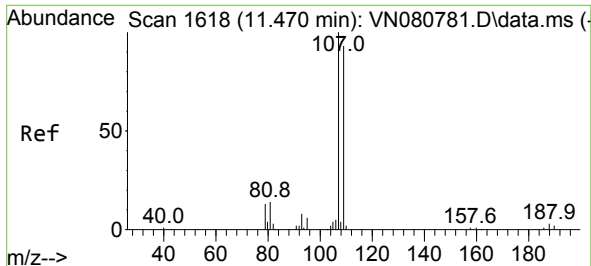
Tgt Ion: 43 Resp: 6203
Ion Ratio Lower Upper
43 100
58 46.5 25.9 77.8



#60
Dibromochloromethane
Concen: 0.428 ug/l
RT: 11.370 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 129 Resp: 630
Ion Ratio Lower Upper
129 100
127 90.5 39.4 118.2

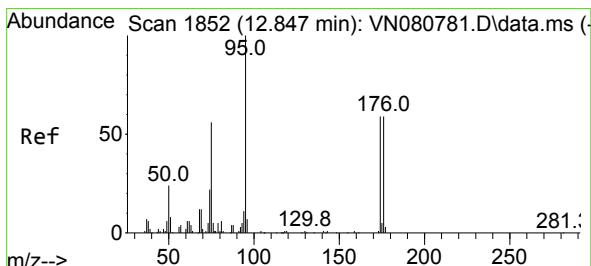
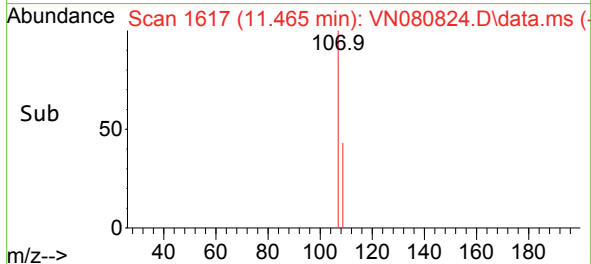
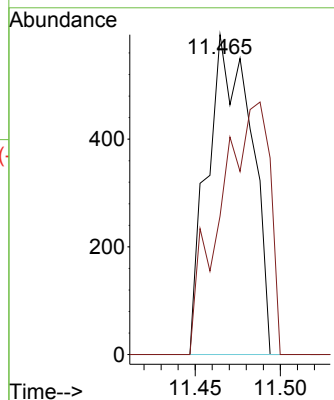
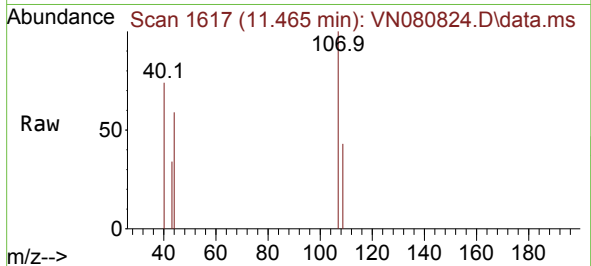




#61
1,2-Dibromoethane
Concen: 0.714 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

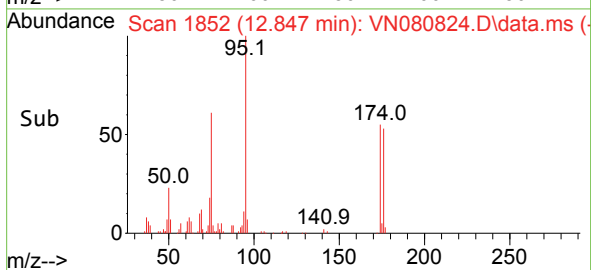
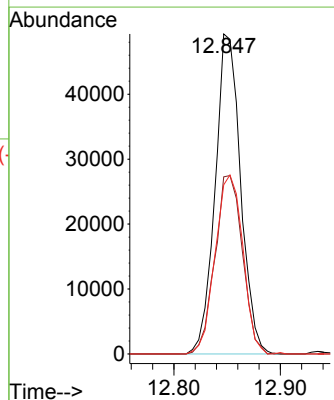
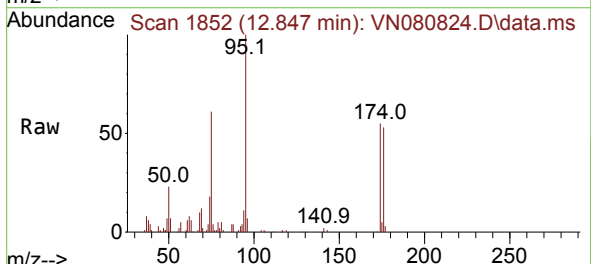
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

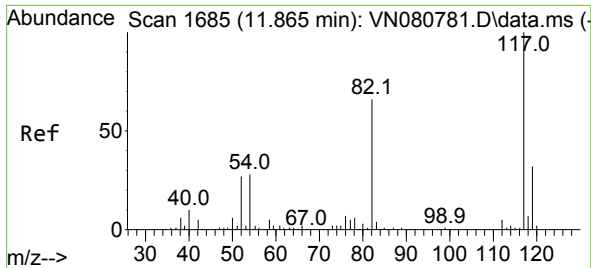
Tgt Ion:107 Resp: 1059
Ion Ratio Lower Upper
107 100
109 0.0 73.4 110.2#



#62
4-Bromofluorobenzene
Concen: 45.642 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 95 Resp: 81818
Ion Ratio Lower Upper
95 100
174 60.3 0.0 120.4
176 60.7 0.0 121.0

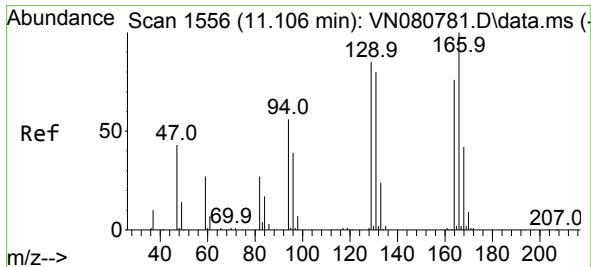
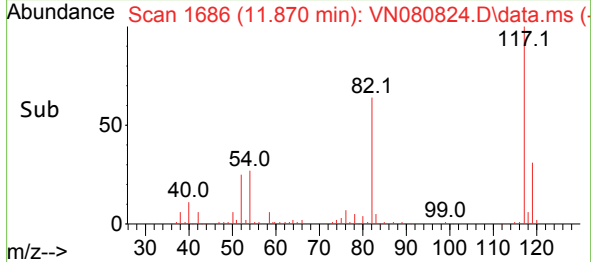
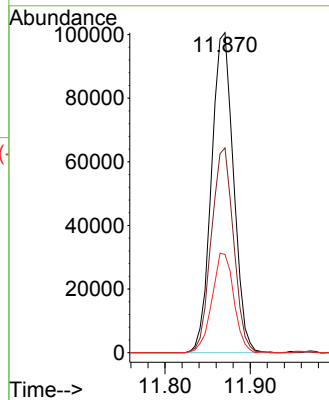
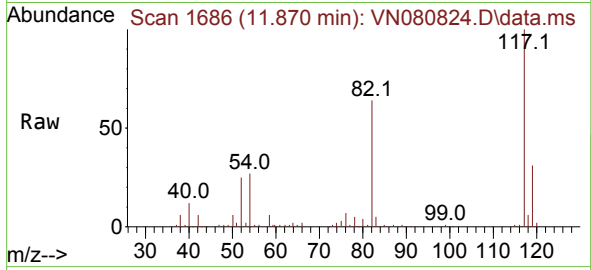




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

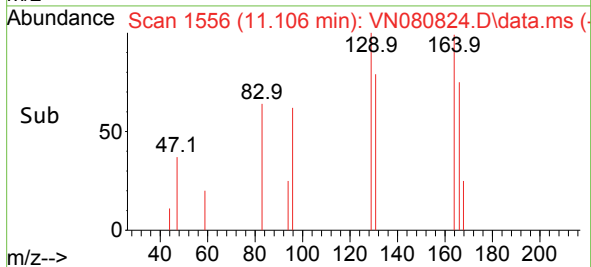
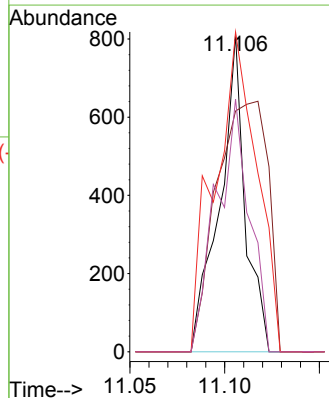
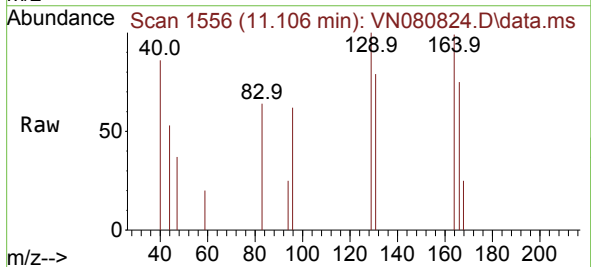
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

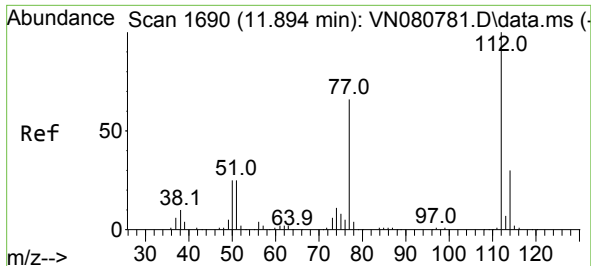
Tgt Ion:117 Resp: 180713
Ion Ratio Lower Upper
117 100
82 64.0 52.7 79.1
119 30.7 25.3 37.9



#64
Tetrachloroethene
Concen: 0.641 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion:164 Resp: 761
Ion Ratio Lower Upper
164 100
166 76.0 105.8 158.6#
129 100.9 89.6 134.4
131 79.7 84.9 127.3#

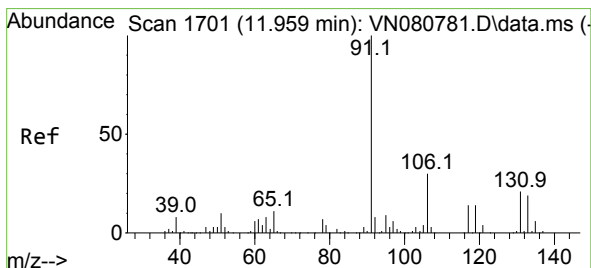
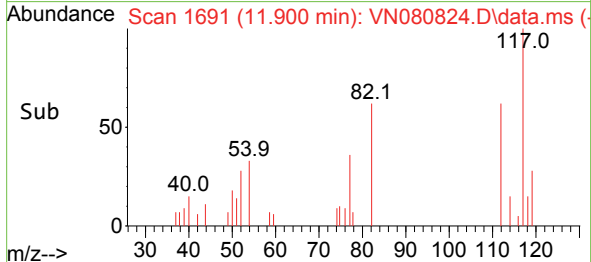
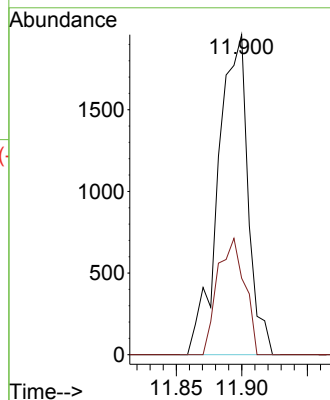
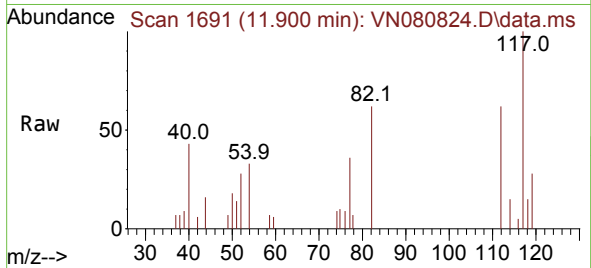




#65
Chlorobenzene
Concen: 0.785 ug/l
RT: 11.900 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

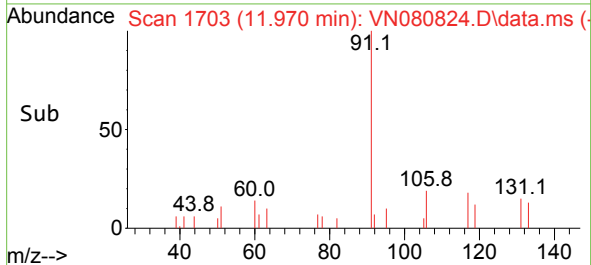
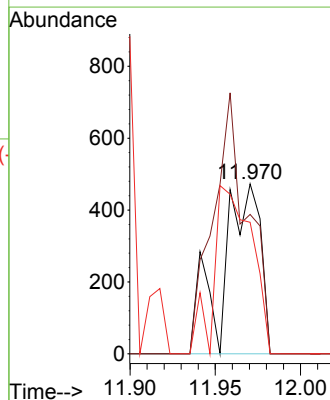
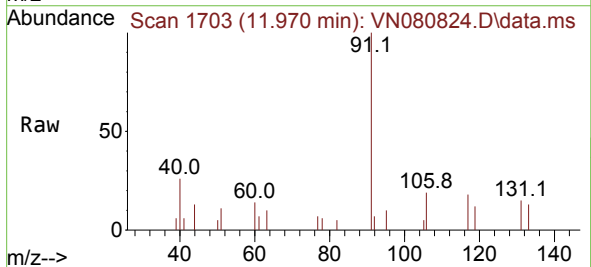
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

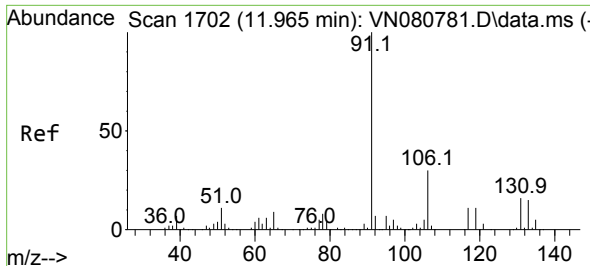
Tgt Ion:112 Resp: 3098
Ion Ratio Lower Upper
112 100
114 23.9 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.575 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion:131 Resp: 738
Ion Ratio Lower Upper
131 100
133 138.3 46.8 140.3
119 0.0 34.6 103.9#

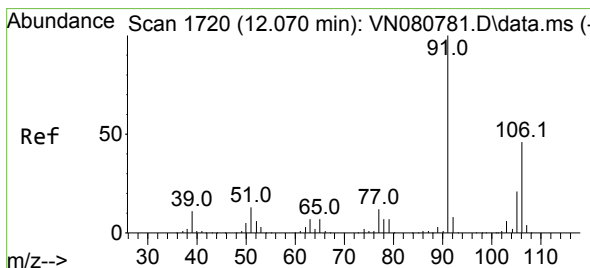
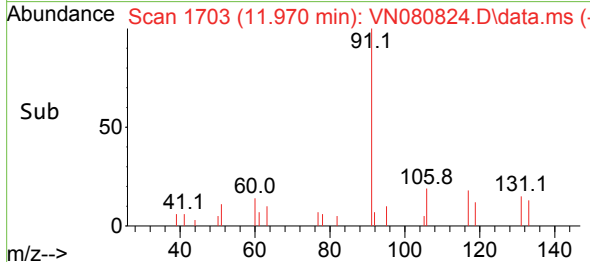
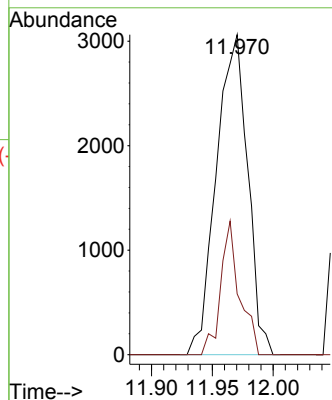
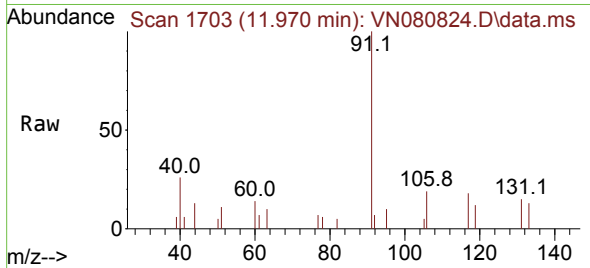




#67
Ethyl Benzene
Concen: 0.746 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

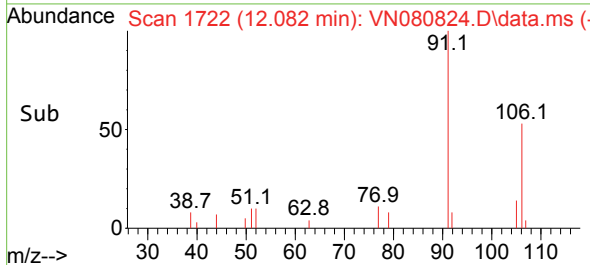
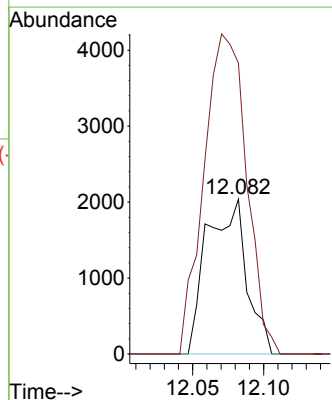
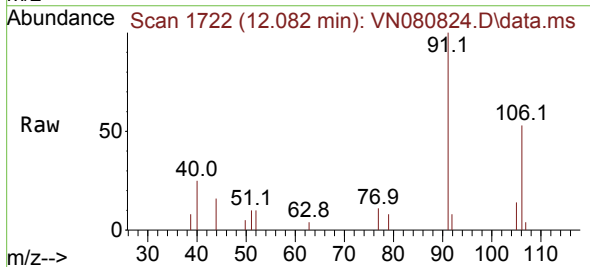
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

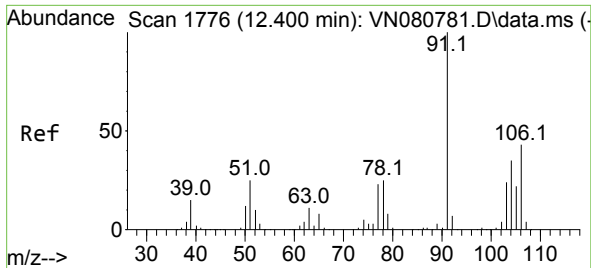
Tgt Ion: 91 Resp: 5472
Ion Ratio Lower Upper
91 100
106 19.0 23.8 35.6#



#68
m/p-Xylenes
Concen: 1.517 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 106 Resp: 3950
Ion Ratio Lower Upper
106 100
91 223.0 169.0 253.6

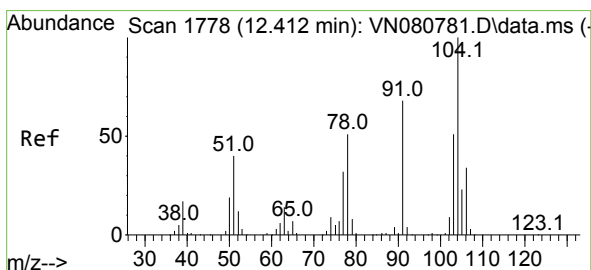
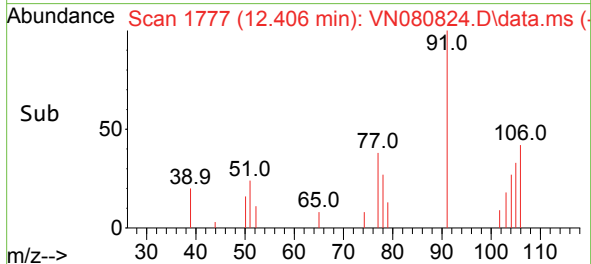
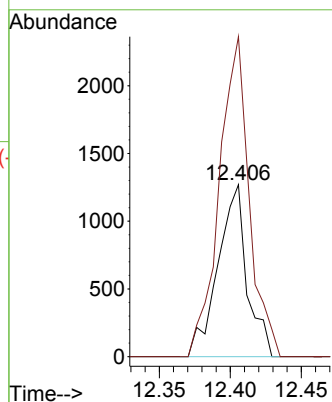
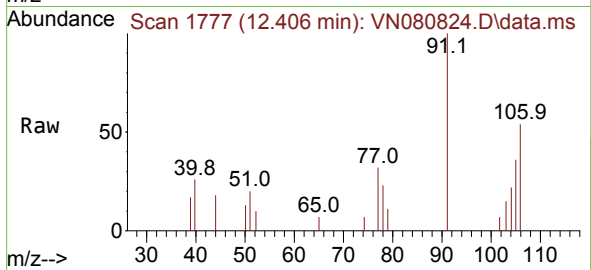




#69
o-Xylene
Concen: 0.697 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

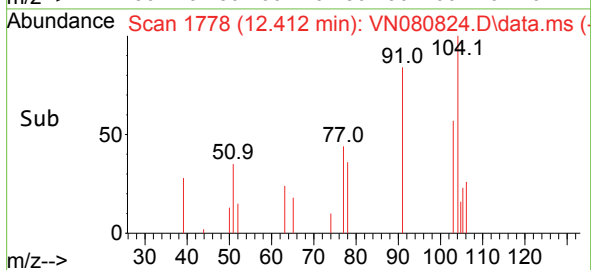
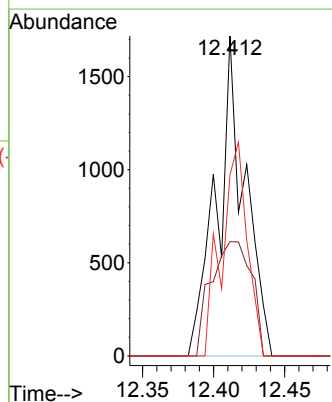
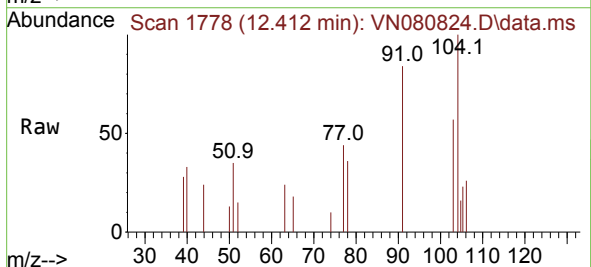
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

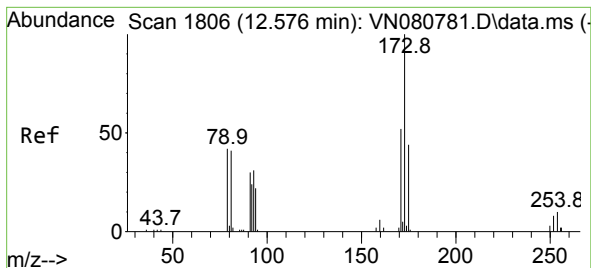
Tgt Ion:106 Resp: 1803
Ion Ratio Lower Upper
106 100
91 192.3 112.1 336.3



#70
Styrene
Concen: 0.565 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion:104 Resp: 2349
Ion Ratio Lower Upper
104 100
78 51.7 43.8 65.8
103 61.0 44.2 66.2





#71

Bromoform

Concen: 0.760 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

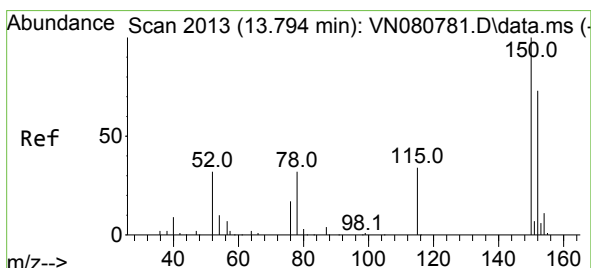
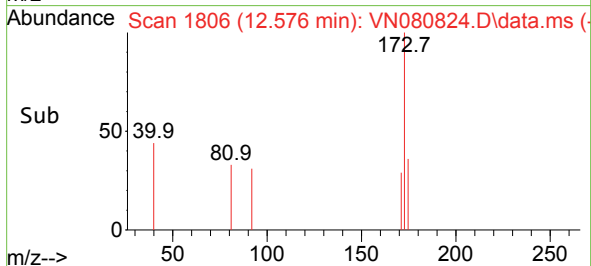
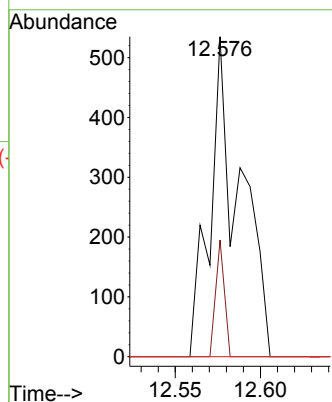
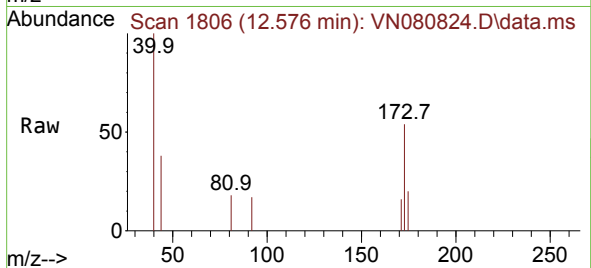
MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:173 Resp: 659

Ion	Ratio	Lower	Upper
173	100		
175	10.5	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

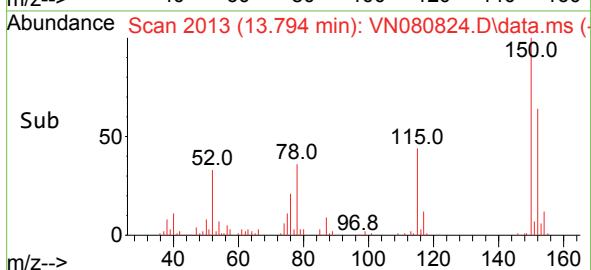
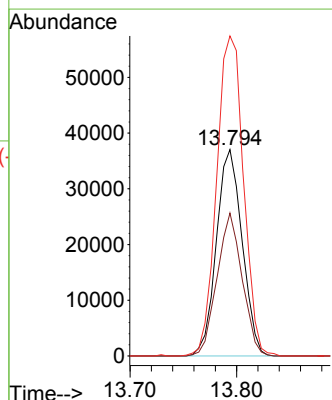
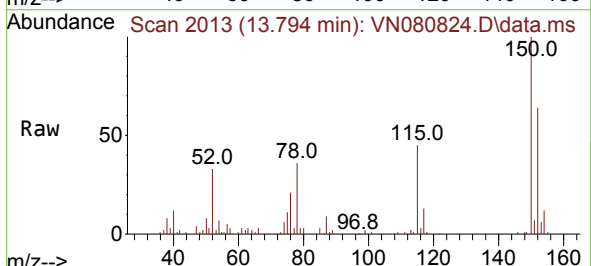
Delta R.T. -0.000 min

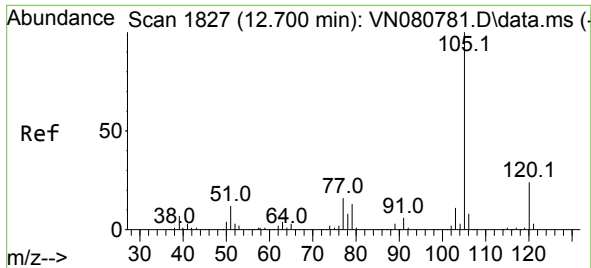
Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Tgt Ion:152 Resp: 62128

Ion	Ratio	Lower	Upper
152	100		
115	67.4	32.3	96.8
150	161.7	0.0	339.8

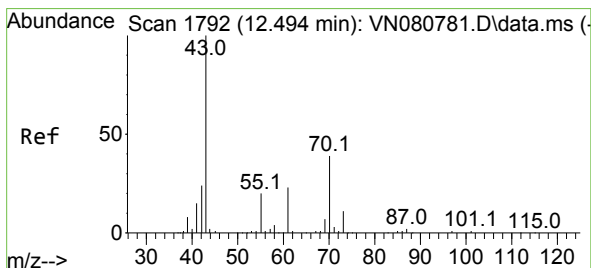
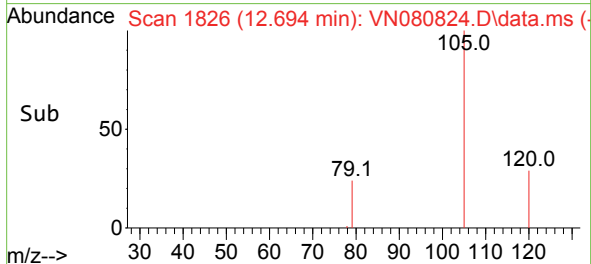
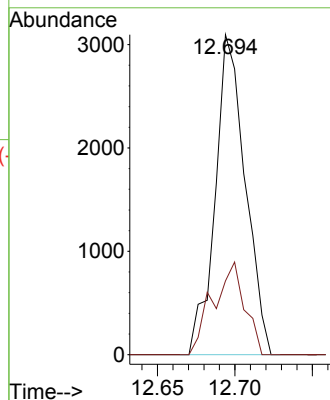
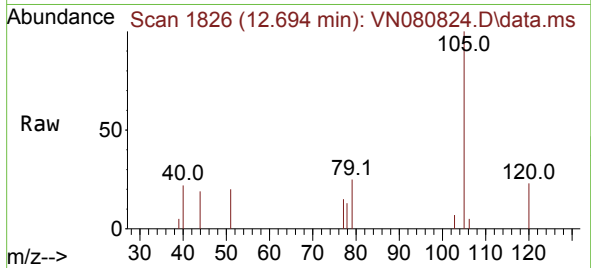




#73
Isopropylbenzene
Concen: 0.734 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

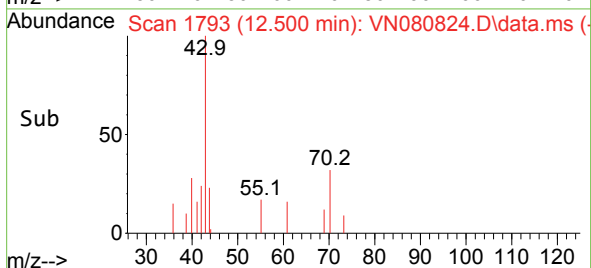
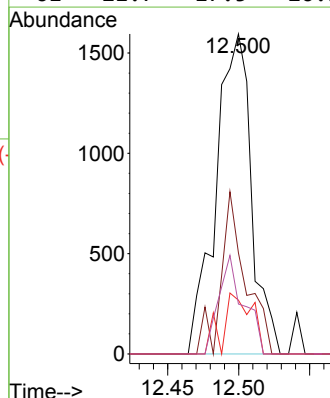
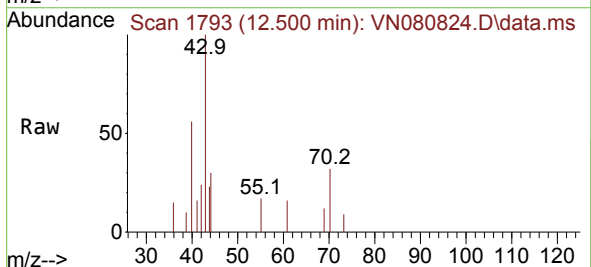
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

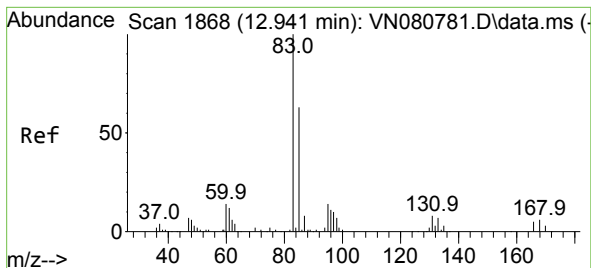
Tgt Ion:105 Resp: 4174
Ion Ratio Lower Upper
105 100
120 30.5 12.6 37.6



#74
N-ethyl acetate
Concen: 0.786 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 43 Resp: 2775
Ion Ratio Lower Upper
43 100
70 35.1 30.1 45.1
55 15.6 17.0 25.4#
61 21.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 0.780 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

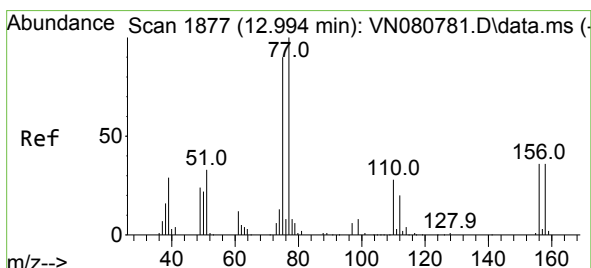
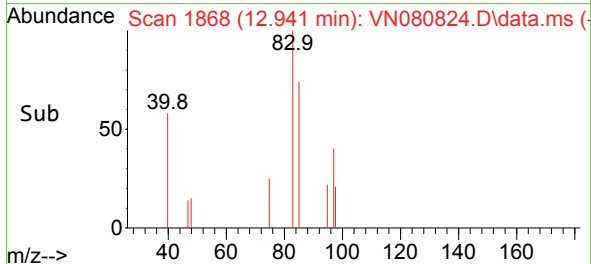
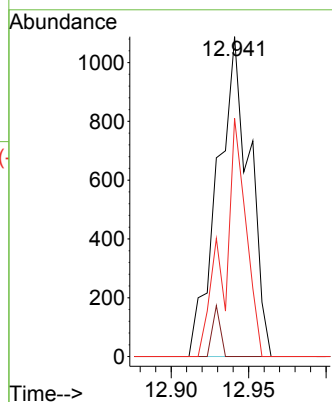
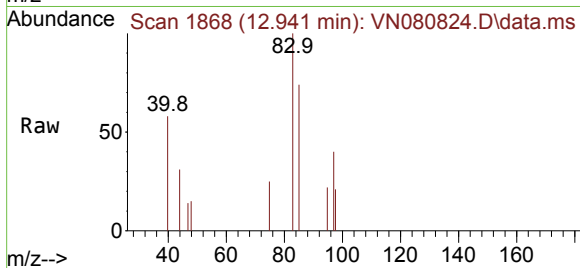
Tgt Ion: 83 Resp: 1562

Ion Ratio Lower Upper

83 100

131 3.9 4.1 12.3#

85 51.5 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 1.258 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN080824.D

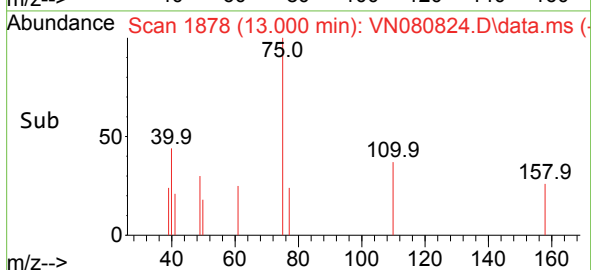
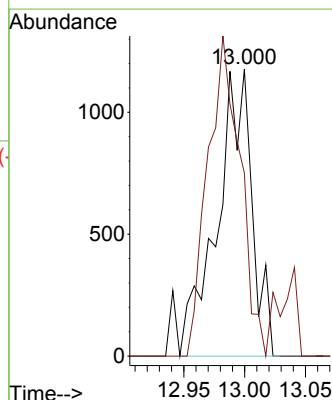
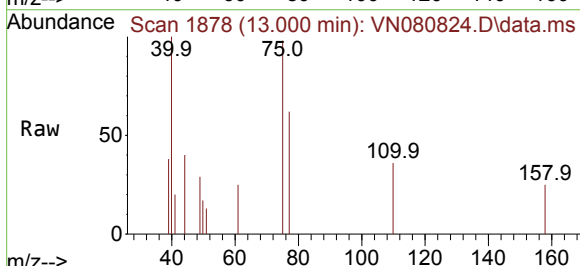
Acq: 30 Jan 2024 19:10

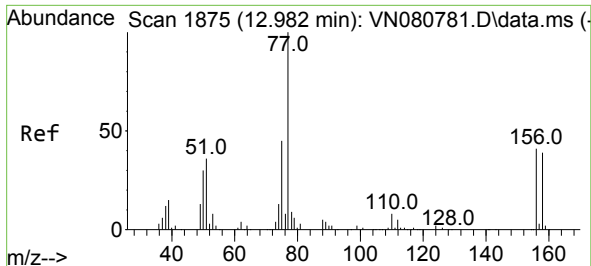
Tgt Ion: 75 Resp: 2357

Ion Ratio Lower Upper

75 100

77 103.1 91.0 272.8

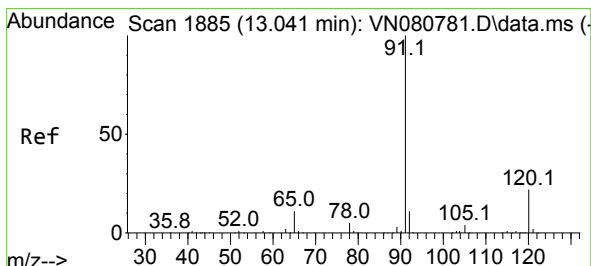
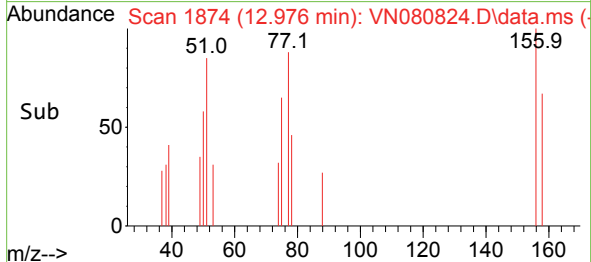
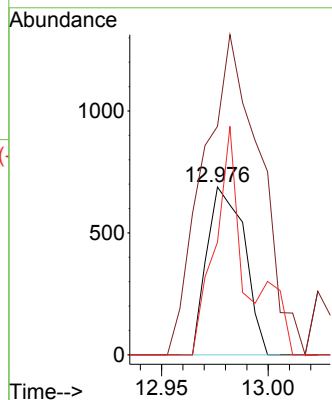
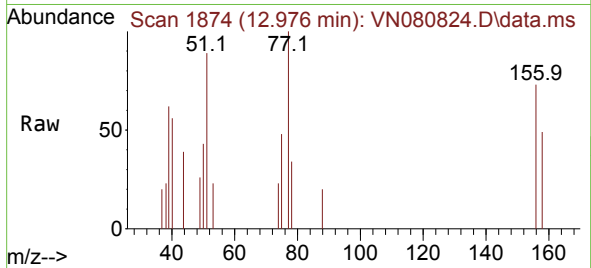




#77
Bromobenzene
Concen: 0.696 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

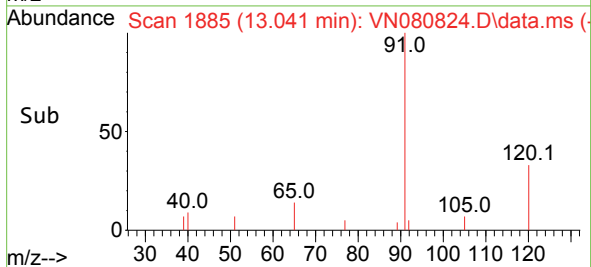
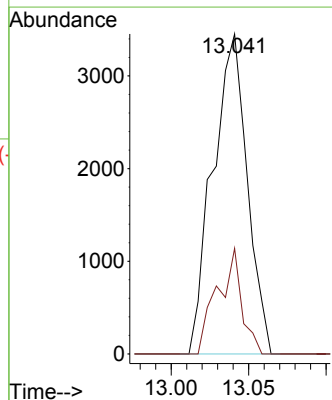
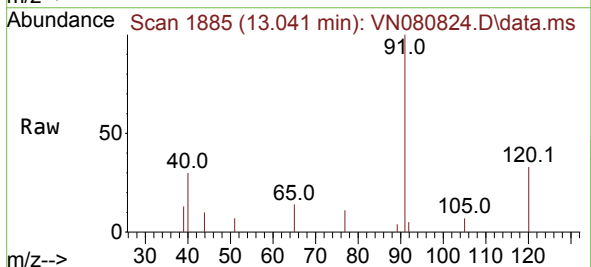
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

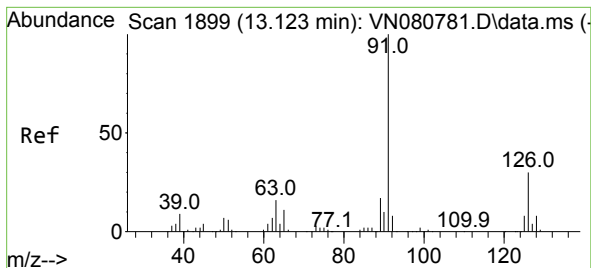
Tgt Ion:156 Resp: 846
Ion Ratio Lower Upper
156 100
77 287.2 138.1 414.3
158 114.7 46.5 139.5



#78
n-propylbenzene
Concen: 0.784 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 91 Resp: 5328
Ion Ratio Lower Upper
91 100
120 23.4 10.3 30.9





#79

2-Chlorotoluene

Concen: 0.675 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

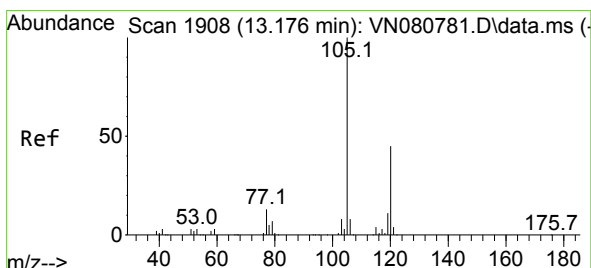
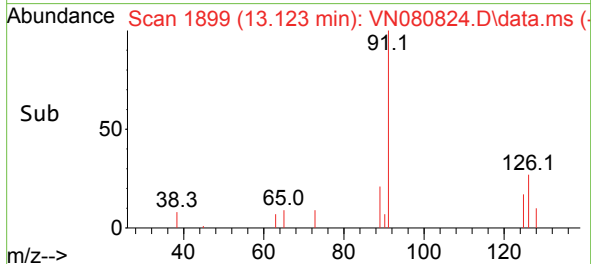
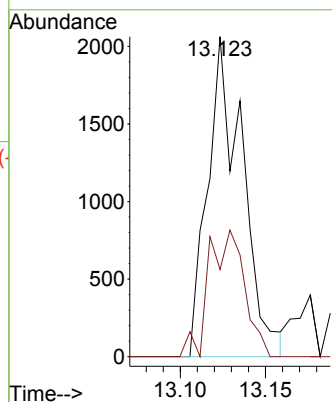
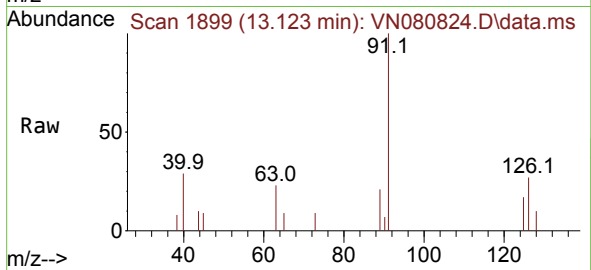
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 2917

Ion Ratio Lower Upper

91 100

126 40.7 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 0.723 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080824.D

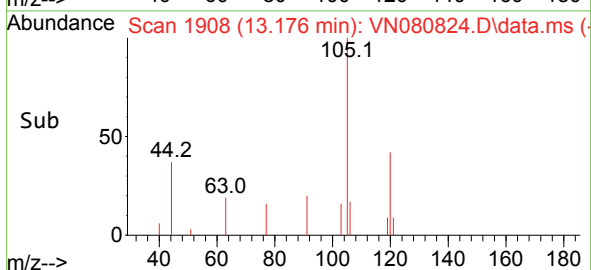
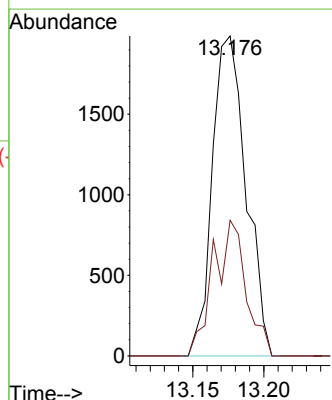
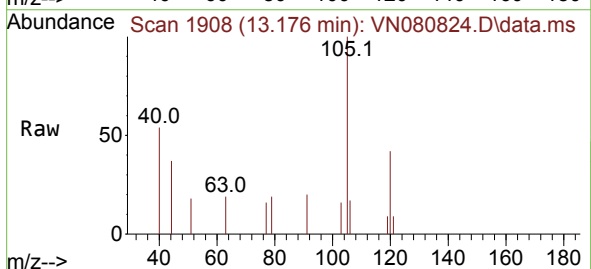
Acq: 30 Jan 2024 19:10

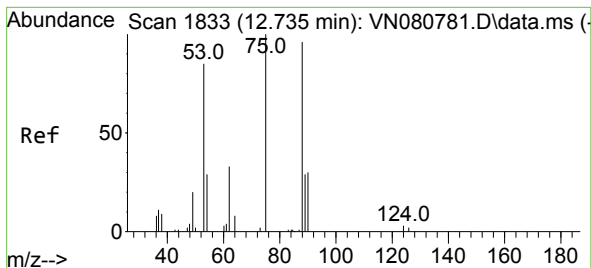
Tgt Ion: 105 Resp: 3277

Ion Ratio Lower Upper

105 100

120 41.1 23.0 69.0

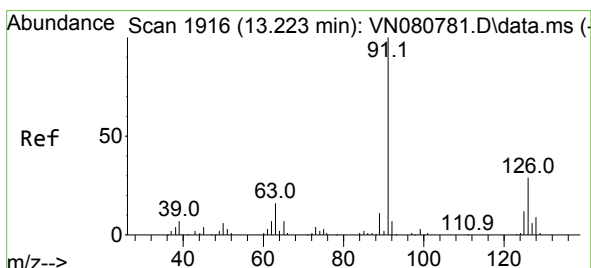
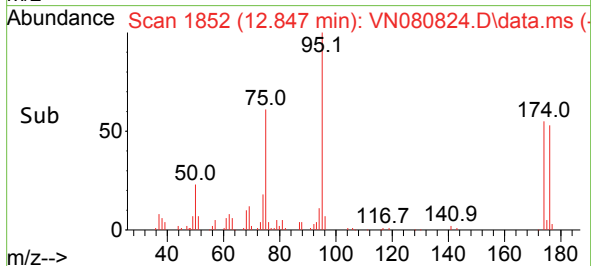
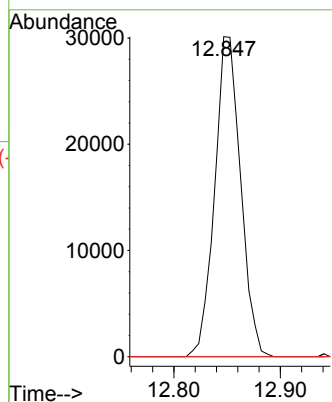
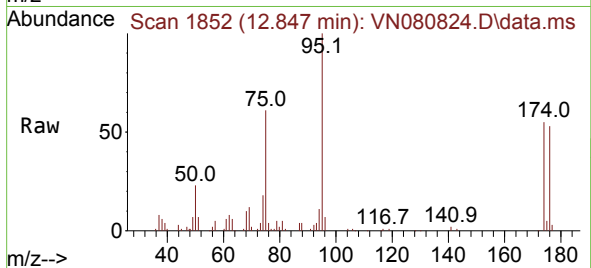




#81
trans-1,4-Dichloro-2-butene
Concen: 70.074 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

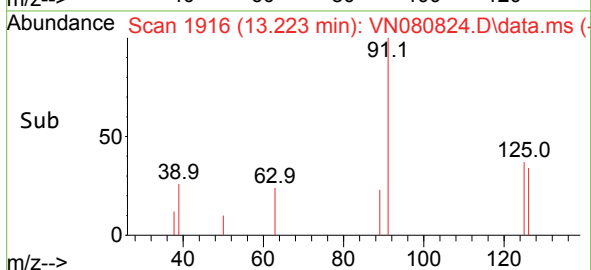
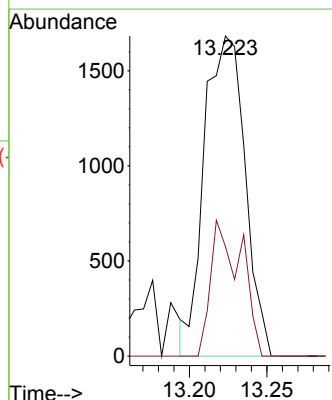
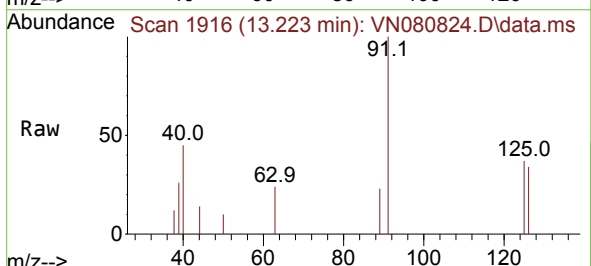
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

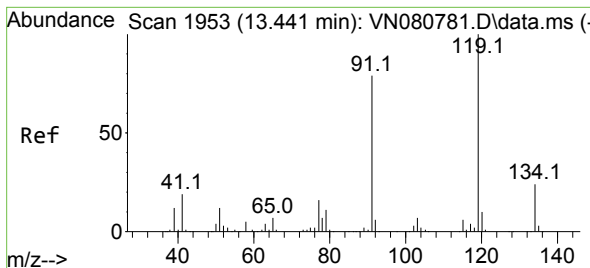
Tgt Ion: 75 Resp: 50968
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#82
4-Chlorotoluene
Concen: 0.716 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 91 Resp: 3064
Ion Ratio Lower Upper
91 100
126 32.0 15.3 45.9





#83

tert-Butylbenzene

Concen: 0.905 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

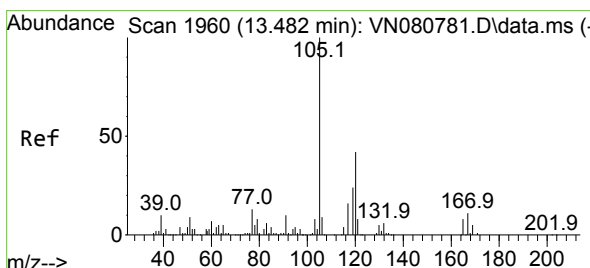
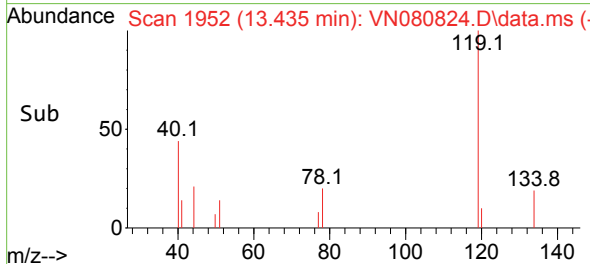
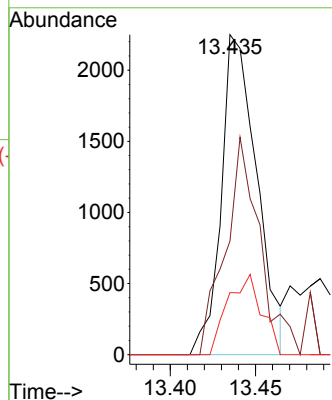
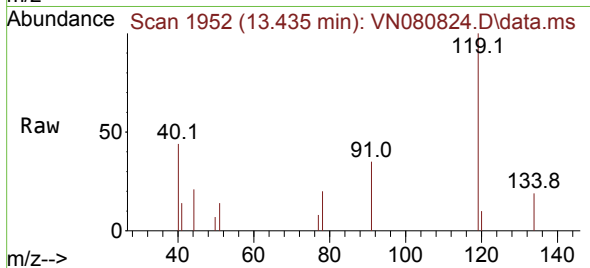
Tgt Ion:119 Resp: 3274

Ion Ratio Lower Upper

119 100

91 65.8 36.8 110.4

134 23.9 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 0.613 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080824.D

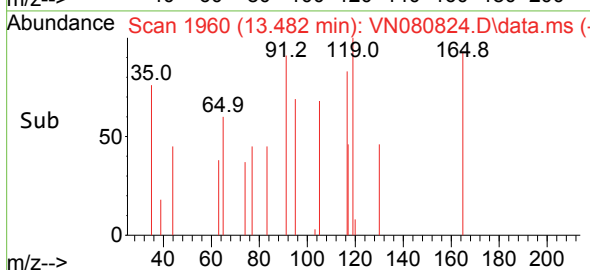
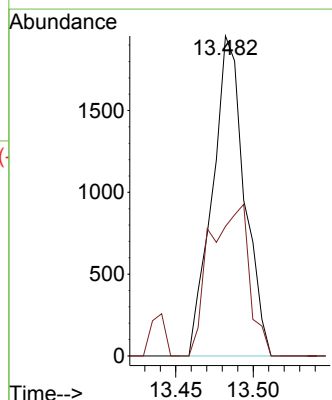
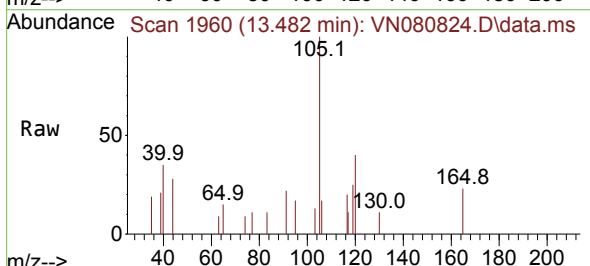
Acq: 30 Jan 2024 19:10

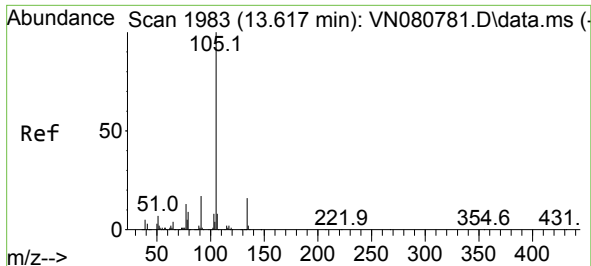
Tgt Ion:105 Resp: 2814

Ion Ratio Lower Upper

105 100

120 58.1 20.9 62.7

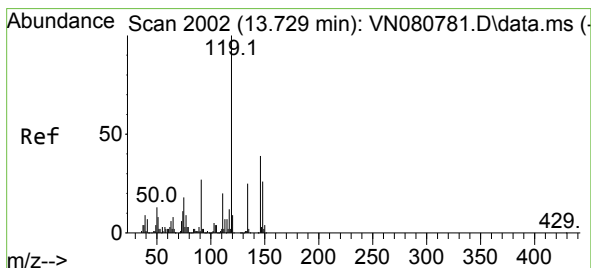
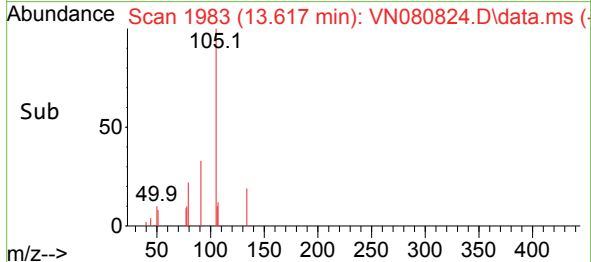
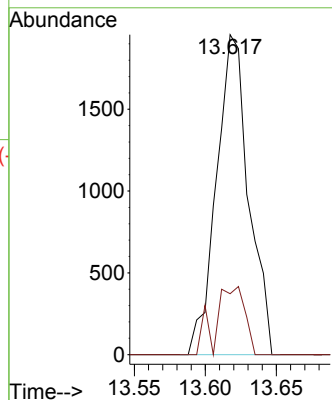
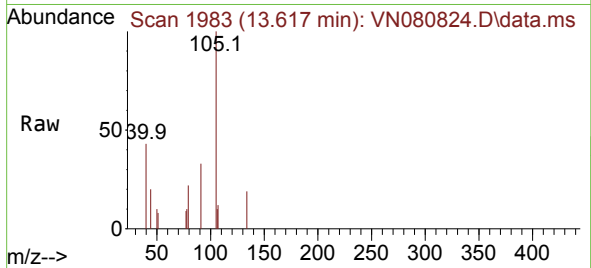




#85
 sec-Butylbenzene
 Concen: 0.580 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

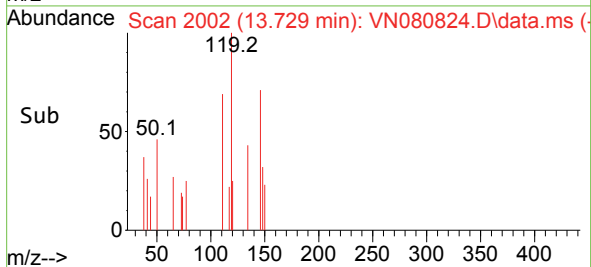
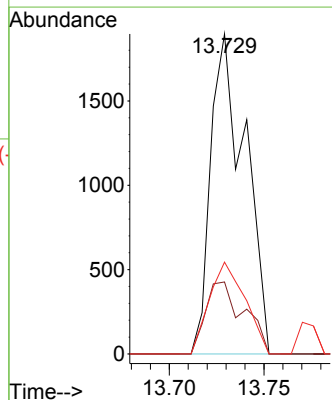
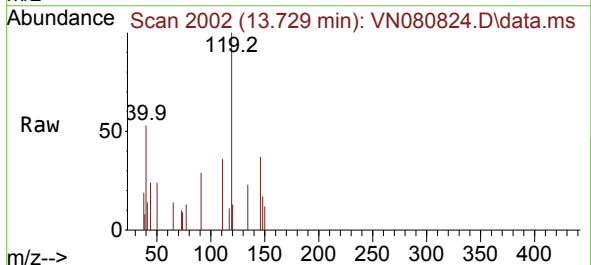
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT1-2024

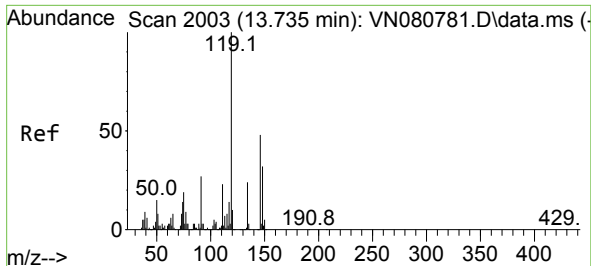
Tgt Ion:105 Resp: 3092
 Ion Ratio Lower Upper
 105 100
 134 19.6 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 0.578 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

Tgt Ion:119 Resp: 2397
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.4 37.2
 91 29.9 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 0.614 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

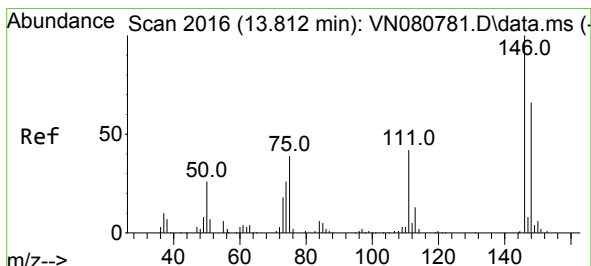
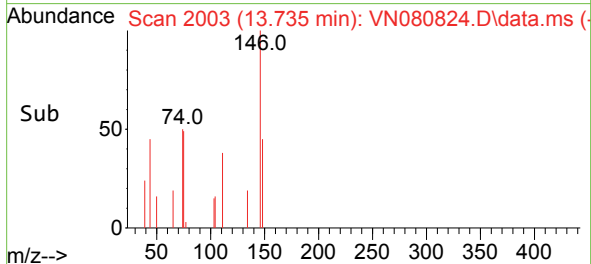
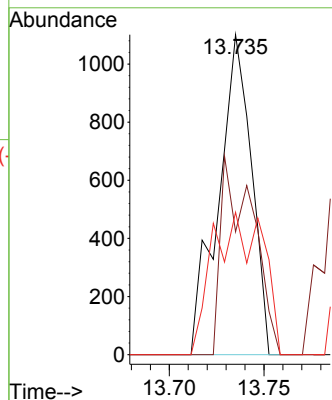
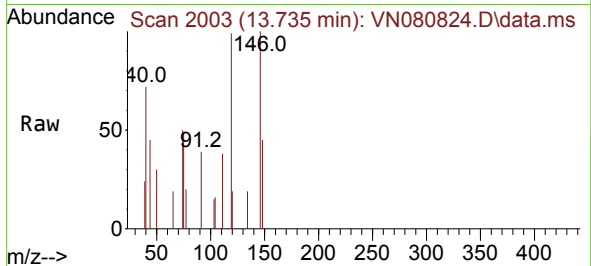
Tgt Ion:146 Resp: 1336

Ion Ratio Lower Upper

146 100

111 59.9 23.9 71.7

148 67.0 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 0.613 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.077 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

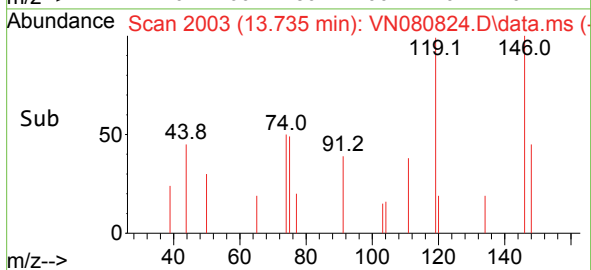
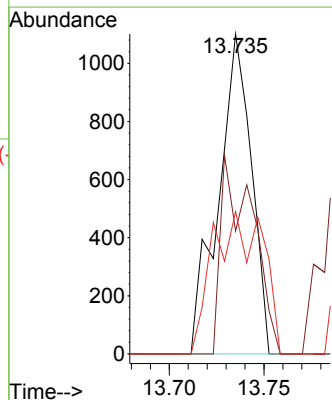
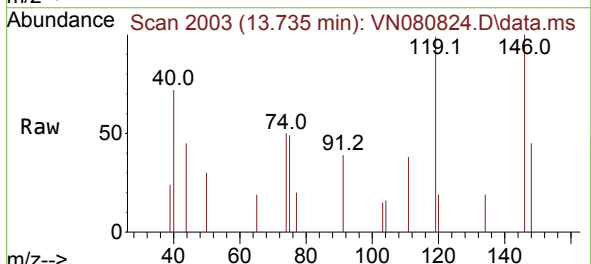
Tgt Ion:146 Resp: 1336

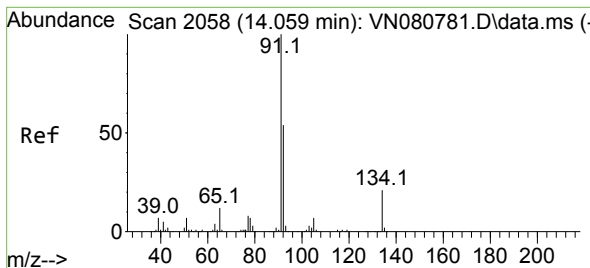
Ion Ratio Lower Upper

146 100

111 59.9 22.6 67.7

148 67.0 31.9 95.5





#89

n-Butylbenzene

Concen: 0.763 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

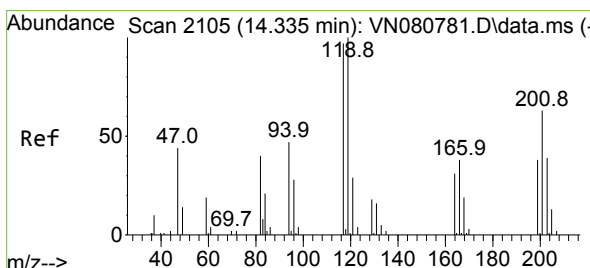
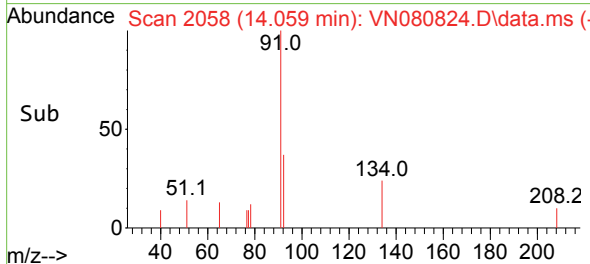
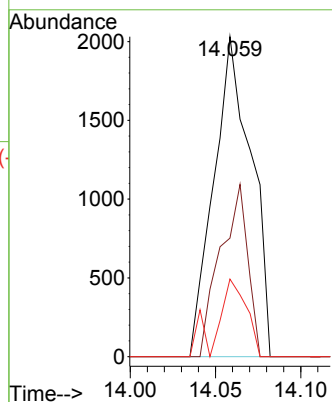
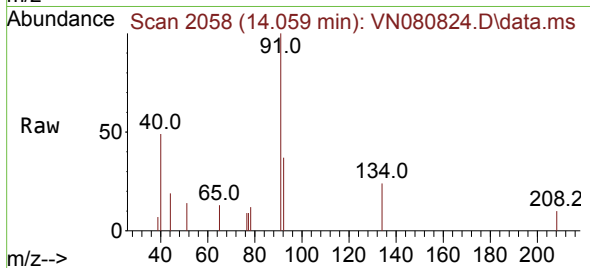
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 91	Resp:	3097
Ion	Ratio	Lower Upper
91	100	
92	39.6	26.7 80.1
134	19.2	10.8 32.4



#90

Hexachloroethane

Concen: 0.244 ug/l

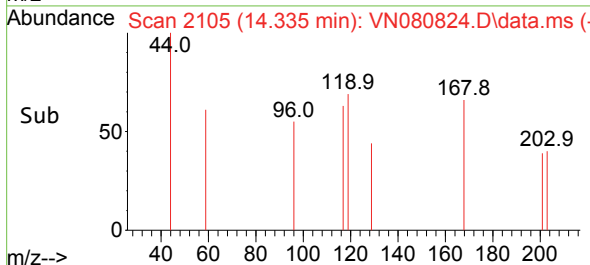
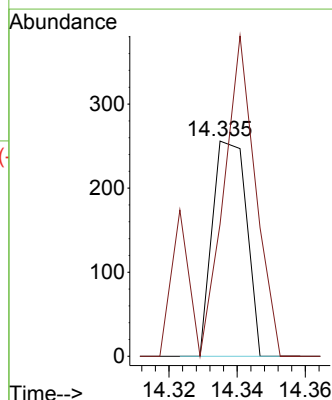
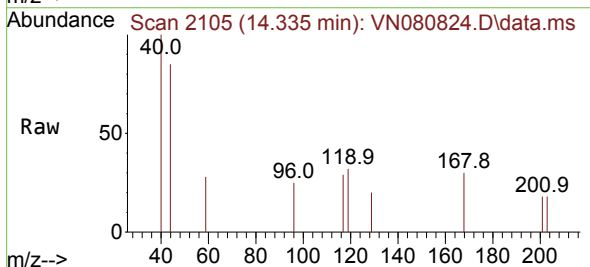
RT: 14.335 min Scan# 2105

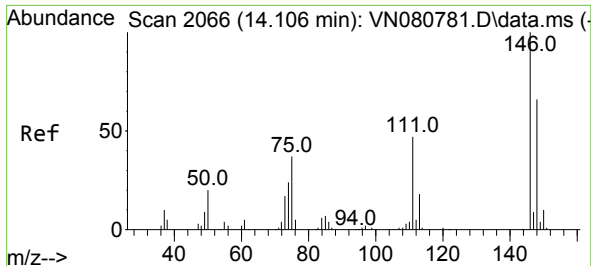
Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Tgt Ion: 117	Resp:	177
Ion	Ratio	Lower Upper
117	100	
201	172.3	30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 0.751 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

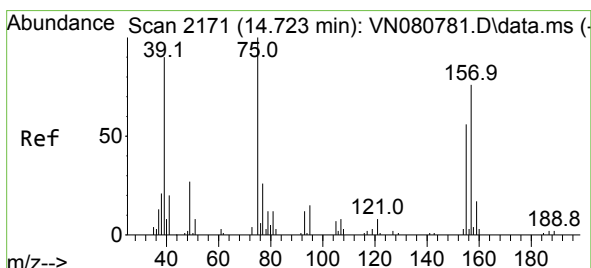
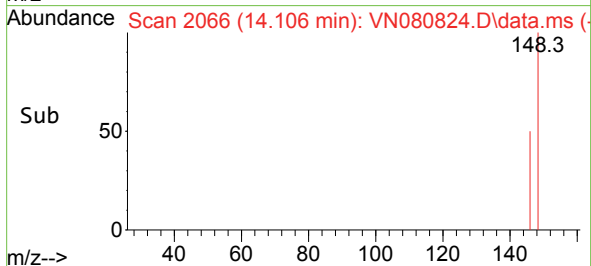
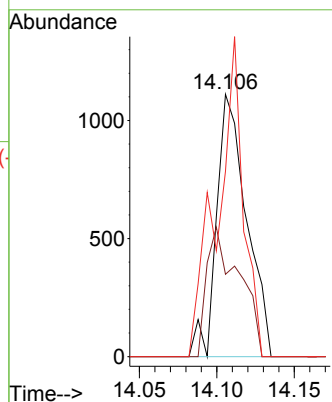
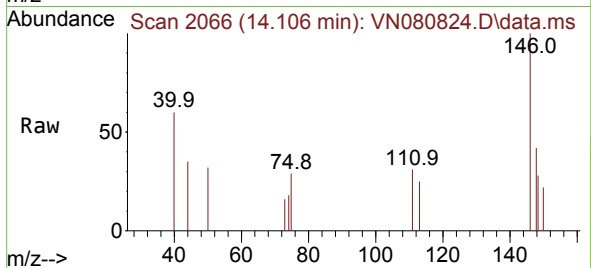
Tgt Ion:146 Resp: 1496

Ion Ratio Lower Upper

146 100

111 53.3 23.9 71.8

148 106.1 31.4 94.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.877 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

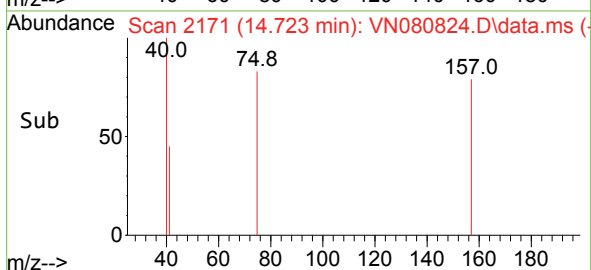
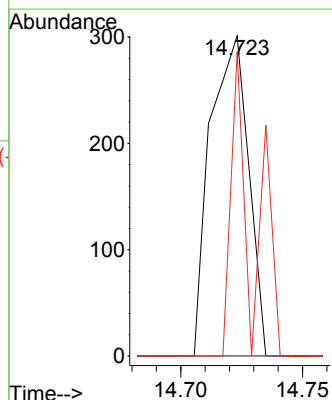
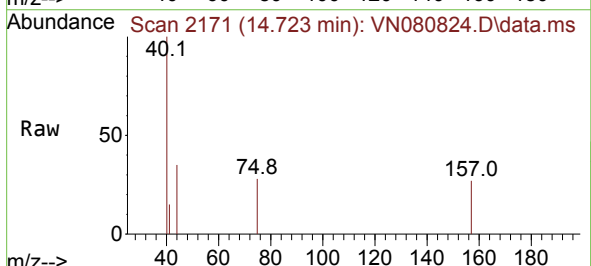
Tgt Ion: 75 Resp: 328

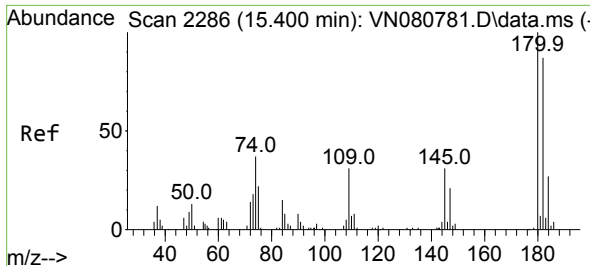
Ion Ratio Lower Upper

75 100

155 0.0 31.8 95.4#

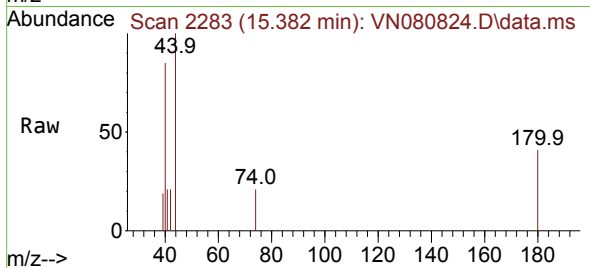
157 54.3 41.1 123.4



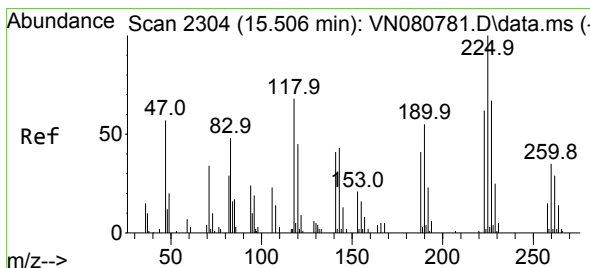
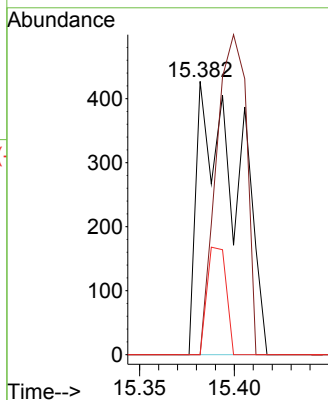
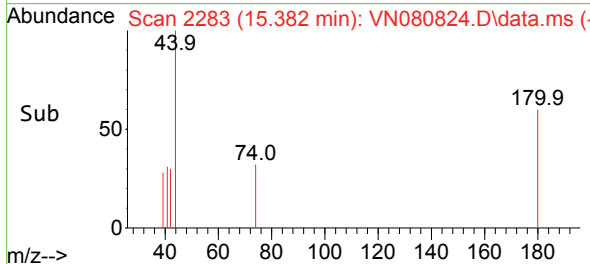


#93
1,2,4-Trichlorobenzene
Concen: 0.628 ug/l
RT: 15.382 min Scan# 21
Delta R.T. -0.018 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

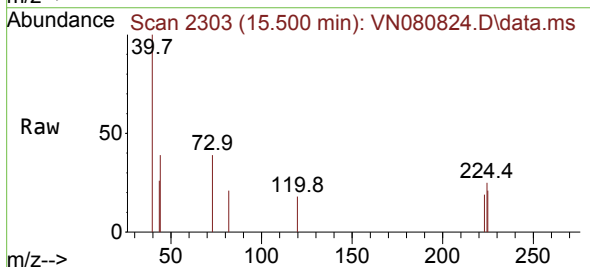
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



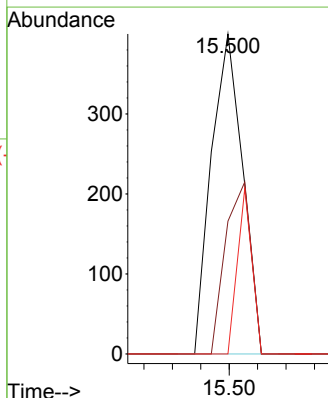
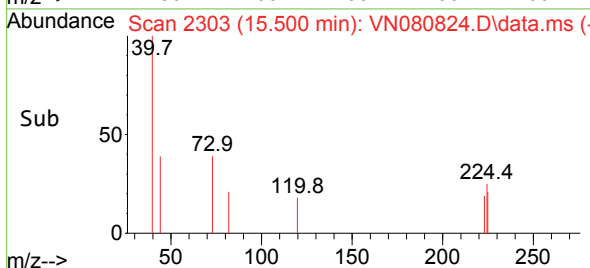
Tgt Ion:180 Resp: 644
Ion Ratio Lower Upper
180 100
182 86.0 46.6 139.7
145 18.2 16.8 50.3

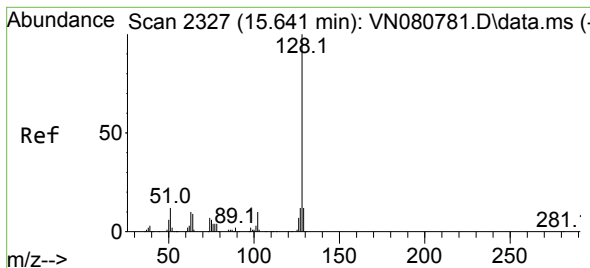


#94
Hexachlorobutadiene
Concen: 0.681 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10



Tgt Ion:225 Resp: 305
Ion Ratio Lower Upper
225 100
223 43.9 33.3 99.8
227 23.9 33.1 99.2#





#95

Naphthalene

Concen: 0.633 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

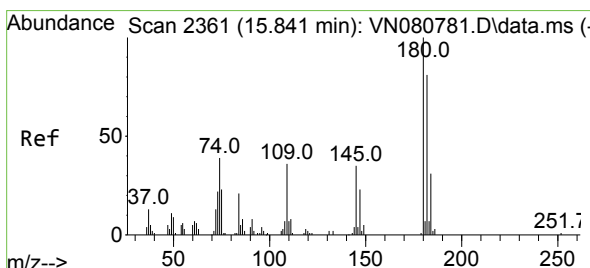
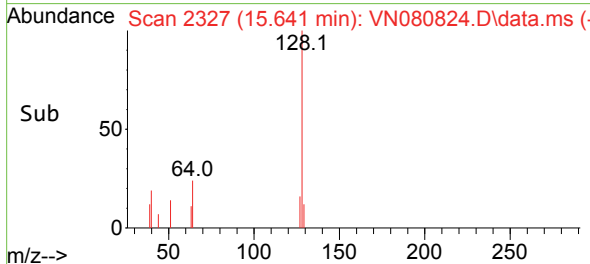
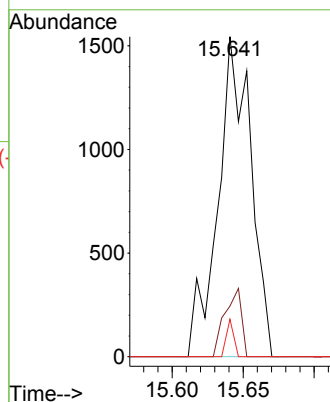
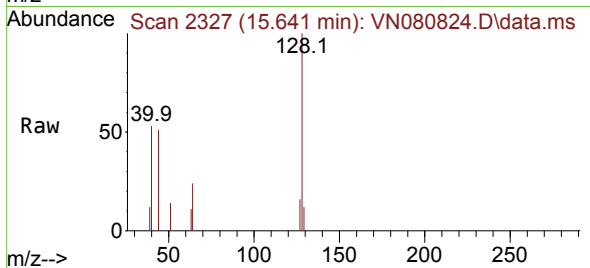
Tgt Ion:128 Resp: 2484

Ion Ratio Lower Upper

128 100

127 10.8 10.0 15.0

129 2.6 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.512 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Tgt Ion:180 Resp: 516

Ion Ratio Lower Upper

180 100

182 163.6 46.5 139.3#

145 0.0 17.8 53.4#

