

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079781.D
 Acq On : 01 Nov 2023 19:06
 Operator : JC\MD
 Sample : 04699-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Nov 02 05:57:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	273649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	487484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	435971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	229378	55.018	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.040%	
35) Dibromofluoromethane	8.171	113	181510	52.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.220%	
50) Toluene-d8	10.571	98	670027	52.752	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.500%	
62) 4-Bromofluorobenzene	12.853	95	208445	49.483	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	8517	2.584	ug/l	99
3) Chloromethane	2.365	50	12661	2.369	ug/l	91
4) Vinyl Chloride	2.512	62	12381	2.870	ug/l #	82
5) Bromomethane	2.953	94	9146	3.489	ug/l	92
6) Chloroethane	3.118	64	9803	2.875	ug/l	96
7) Trichlorofluoromethane	3.495	101	15397	2.869	ug/l	98
8) Diethyl Ether	3.965	74	5354	2.629	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	8774	2.820	ug/l	97
10) Methyl Iodide	4.583	142	8212	2.312	ug/l #	88
11) Tert butyl alcohol	5.530	59	8062	15.148	ug/l #	84
12) 1,1-Dichloroethene	4.336	96	8286	2.813	ug/l #	85
13) Acrolein	4.183	56	5374	13.171	ug/l	98
14) Allyl chloride	5.024	41	11995	2.659	ug/l #	86
15) Acrylonitrile	5.718	53	20968	12.642	ug/l	97
16) Acetone	4.436	43	19135	13.066	ug/l	99
17) Carbon Disulfide	4.706	76	22503	2.649	ug/l #	93
18) Methyl Acetate	5.024	43	18190	2.596	ug/l #	86
19) Methyl tert-butyl Ether	5.806	73	25373	2.502	ug/l	91
20) Methylene Chloride	5.283	84	10230	2.768	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	8585	2.613	ug/l #	67
22) Diisopropyl ether	6.677	45	26005	2.487	ug/l #	86
23) Vinyl Acetate	6.606	43	66510	11.533	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	18343	2.887	ug/l	96
25) 2-Butanone	7.488	43	27998	13.056	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	13217	2.515	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	10539	2.682	ug/l	86
28) Bromochloromethane	7.812	49	8009	2.586	ug/l #	41
29) Tetrahydrofuran	7.847	42	17503	12.545	ug/l #	74
30) Chloroform	7.971	83	19139	2.773	ug/l	87
31) Cyclohexane	8.259	56	19541	3.547	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	15543	2.764	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	12288	2.494	ug/l	94
37) Ethyl Acetate	7.565	43	11837	2.620	ug/l #	90
38) Carbon Tetrachloride	8.365	117	13074	2.633	ug/l #	95
39) Methylcyclohexane	9.600	83	10662	2.300	ug/l	95
40) Benzene	8.612	78	40575	2.750	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	5337	2.225	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	15144	2.938	ug/l	98
43) Isopropyl Acetate	8.694	43	18352	2.316	ug/l	96
44) Trichloroethene	9.353	130	9301	2.540	ug/l	94
45) 1,2-Dichloropropane	9.629	63	10289	2.729	ug/l #	88
46) Dibromomethane	9.712	93	6925	2.690	ug/l	94
47) Bromodichloromethane	9.888	83	15215	2.771	ug/l	96
48) Methyl methacrylate	9.688	41	8262	2.381	ug/l #	76
49) 1,4-Dioxane	9.700	88	3268	53.291	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	56670	12.704	ug/l	86
52) Toluene	10.629	92	24425	2.792	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	12850	2.387	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	13671	2.330	ug/l #	88
55) 1,1,2-Trichloroethane	11.024	97	9816	2.790	ug/l #	88
56) Ethyl methacrylate	10.882	69	11827	2.357	ug/l #	81
57) 1,3-Dichloropropane	11.171	76	15416	2.486	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.165	63	25952	10.203	ug/l	90
59) 2-Hexanone	11.200	43	39583	11.600	ug/l	82
60) Dibromochloromethane	11.359	129	9522	2.528	ug/l	100
61) 1,2-Dibromoethane	11.471	107	9028	2.557	ug/l	97
64) Tetrachloroethene	11.106	164	8591	3.043	ug/l	87
65) Chlorobenzene	11.894	112	23782	2.515	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	9203	2.701	ug/l	96
67) Ethyl Benzene	11.965	91	38558	2.340	ug/l	97
68) m/p-Xylenes	12.076	106	27559	4.490	ug/l	95
69) o-Xylene	12.400	106	13235	2.239	ug/l	95
70) Styrene	12.412	104	20254	2.132	ug/l	98
71) Bromoform	12.582	173	6664	2.754	ug/l #	92
73) Isopropylbenzene	12.700	105	30479	2.208	ug/l	97
74) N-amyl acetate	12.494	43	13747	2.281	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	13628	2.784	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	16399	3.840	ug/l	69
77) Bromobenzene	12.982	156	9265	2.741	ug/l	96
78) n-propylbenzene	13.041	91	40049	2.533	ug/l	94
79) 2-Chlorotoluene	13.129	91	26667	2.641	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	24469	2.278	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.853	75	117317	74.744	ug/l #	15
82) 4-Chlorotoluene	13.223	91	24996	2.491	ug/l	94
83) tert-Butylbenzene	13.441	119	20121	2.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	24347	2.304	ug/l	99
85) sec-Butylbenzene	13.617	105	28302	2.324	ug/l	97
86) p-Isopropyltoluene	13.729	119	21382	2.153	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	16167	2.571	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	16037	2.513	ug/l	88
89) n-Butylbenzene	14.059	91	17991	2.103	ug/l	99
90) Hexachloroethane	14.335	117	5411	2.751	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	15475	2.607	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2068	2.491	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	6580	2.332	ug/l	99
94) Hexachlorobutadiene	15.506	225	3207	2.507	ug/l	96
95) Naphthalene	15.647	128	18062	1.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	5672	2.050	ug/l	89

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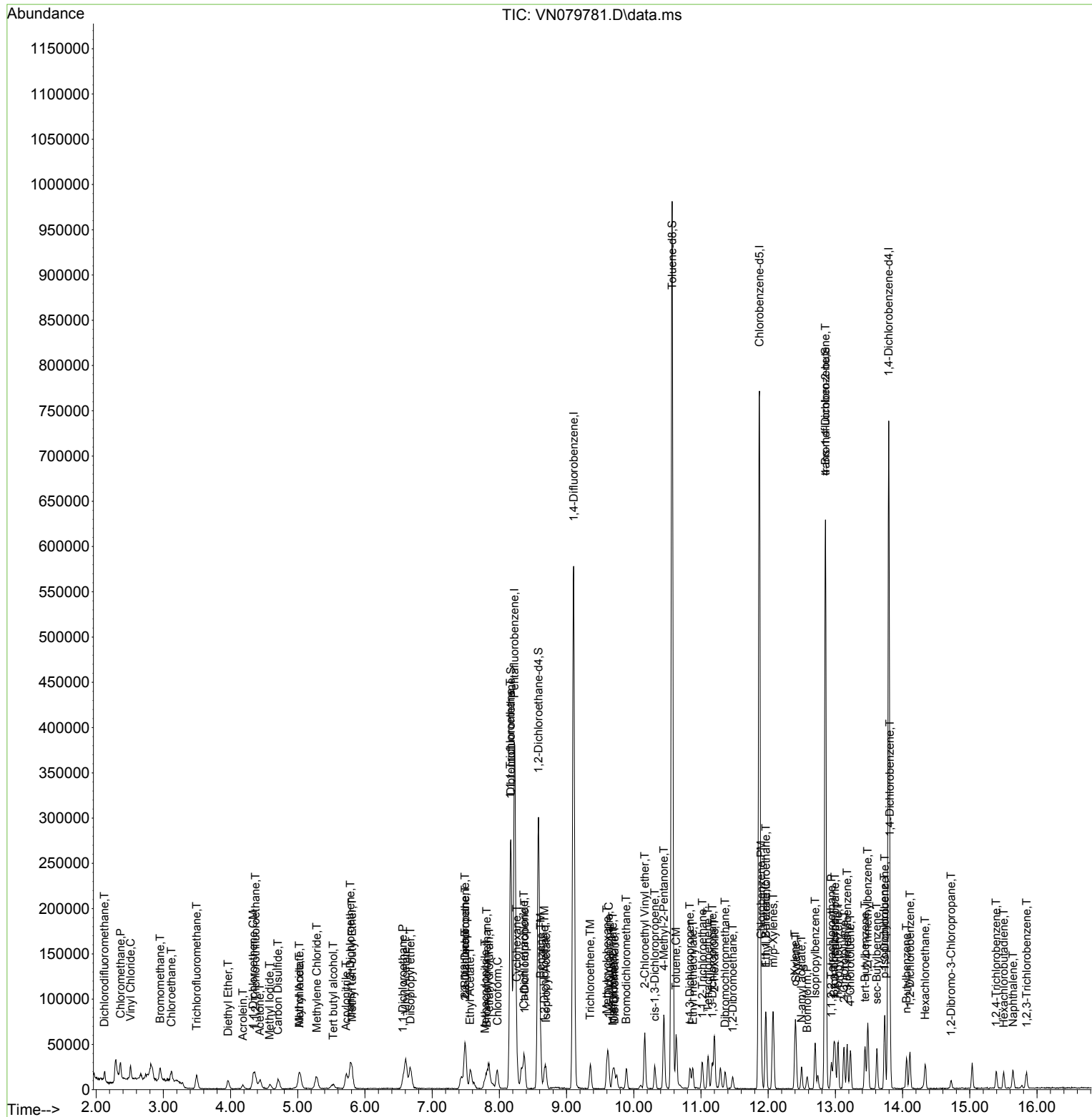
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QLast Update : Thu Nov 02 05:49:08 2023
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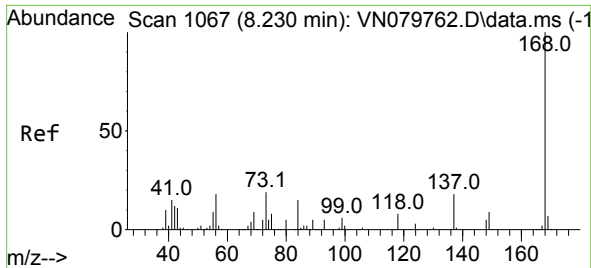
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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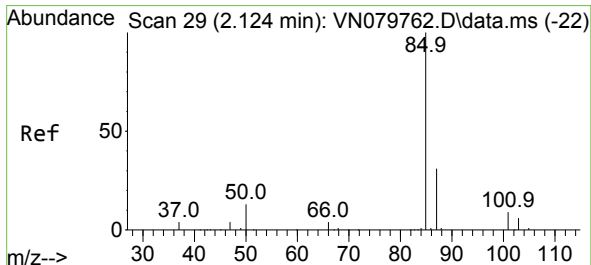
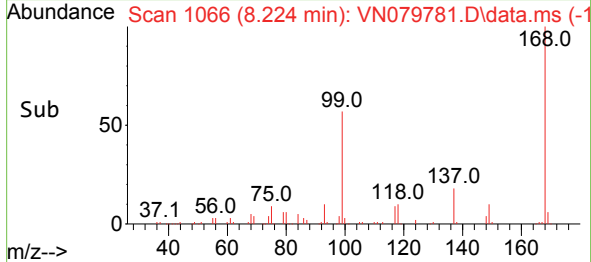
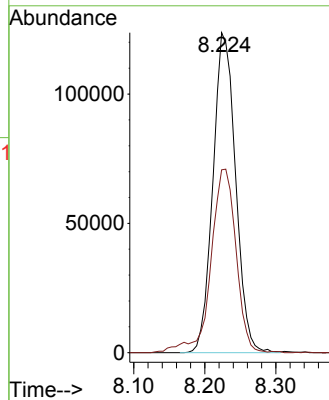
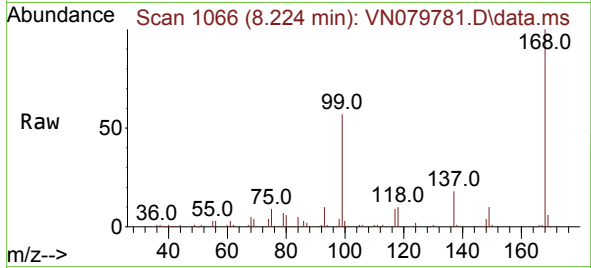




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
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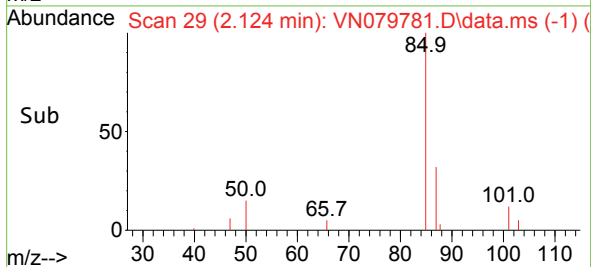
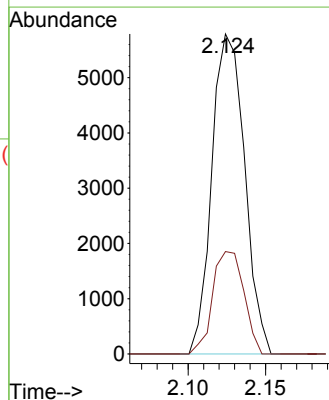
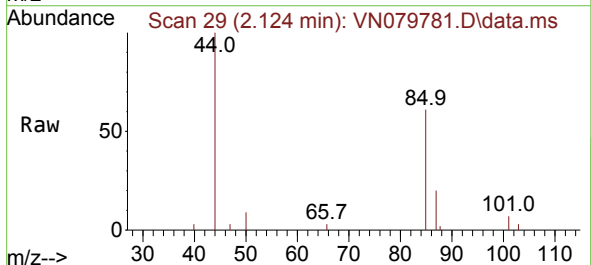
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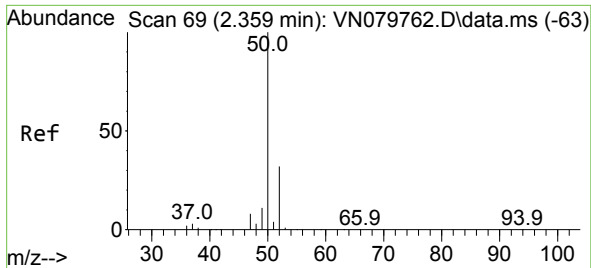
Tgt Ion:168 Resp: 273649
Ion Ratio Lower Upper
168 100
99 56.8 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 2.584 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 85 Resp: 8517
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4

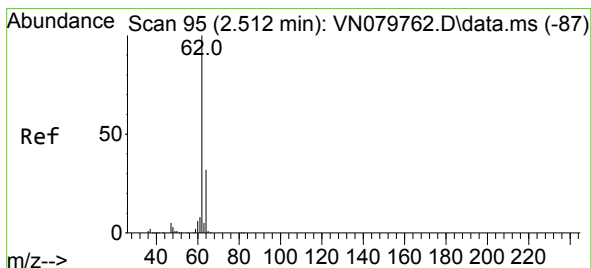
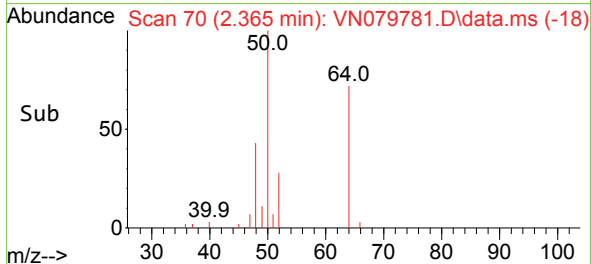
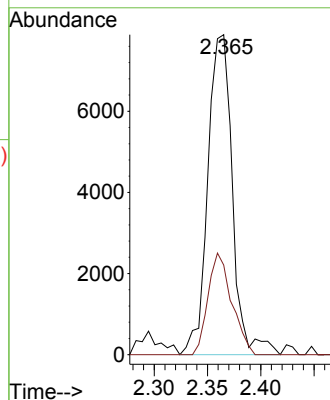
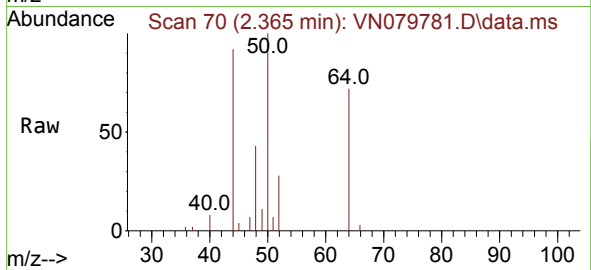




#3
Chloromethane
Concen: 2.369 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

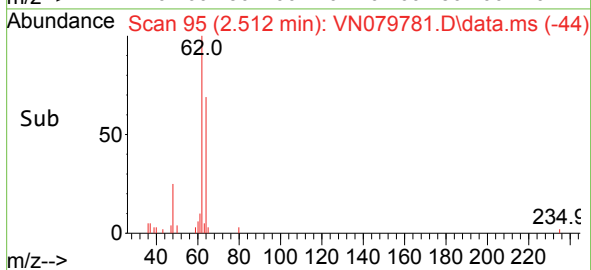
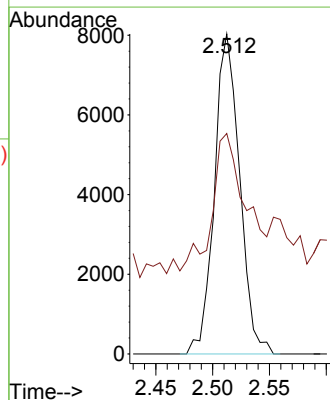
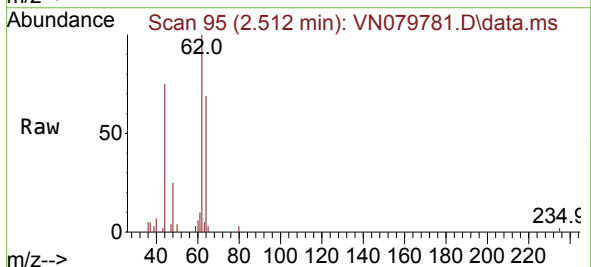
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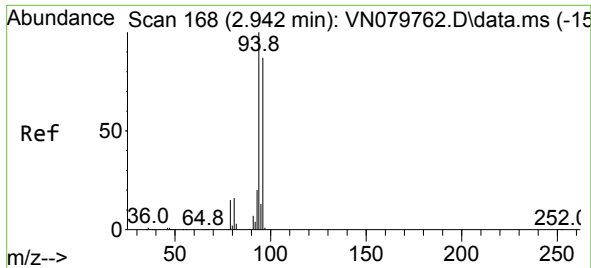
Tgt Ion: 50 Resp: 12661
Ion Ratio Lower Upper
50 100
52 28.0 26.5 39.7



#4
Vinyl Chloride
Concen: 2.870 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 62 Resp: 12381
Ion Ratio Lower Upper
62 100
64 43.0 26.2 39.2#

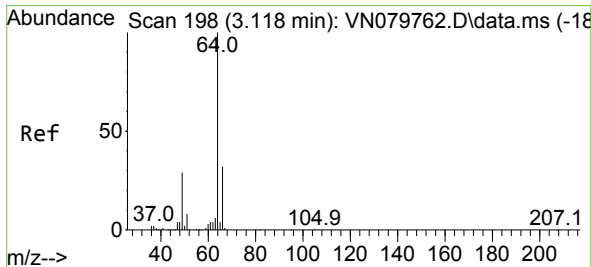
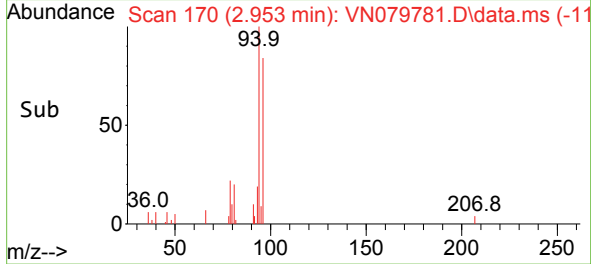
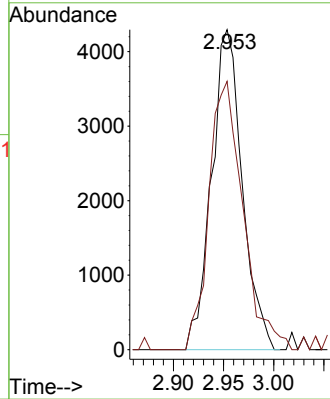
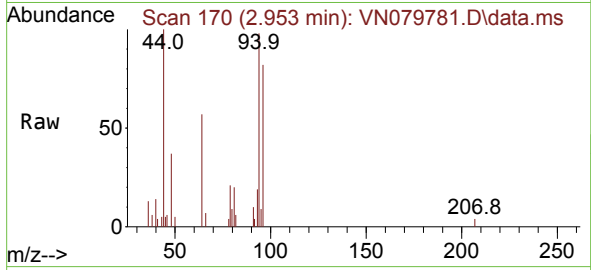




#5
Bromomethane
Concen: 3.489 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079781.D
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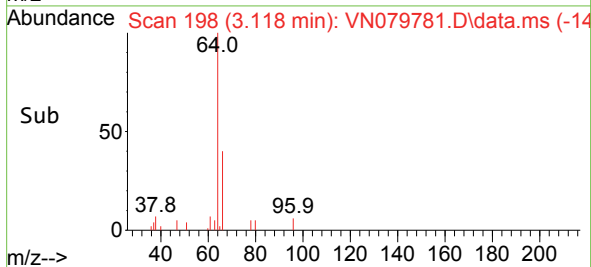
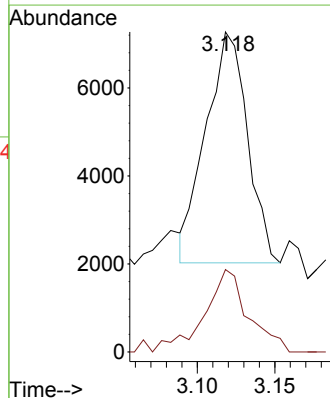
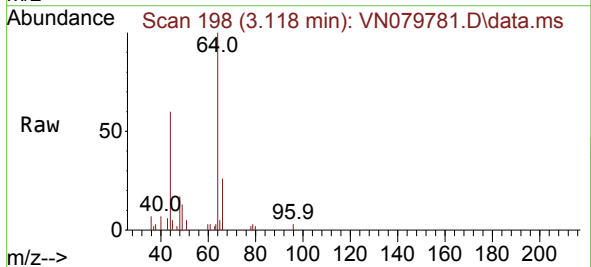
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Tgt Ion: 94 Resp: 9146
Ion Ratio Lower Upper
94 100
96 83.9 73.1 109.7



#6
Chloroethane
Concen: 2.875 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 64 Resp: 9803
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.2

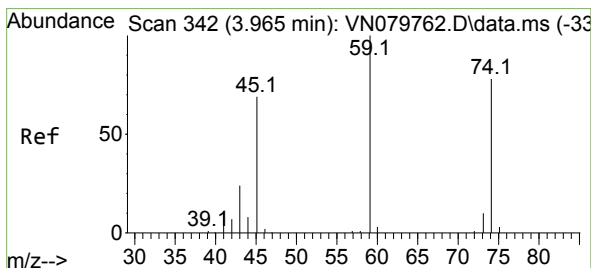
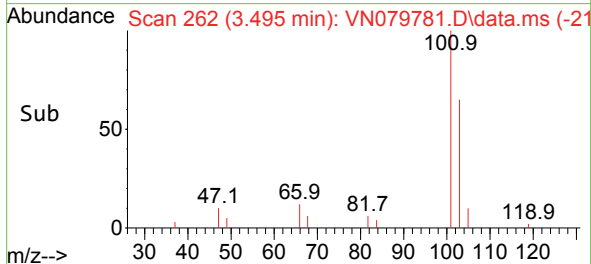
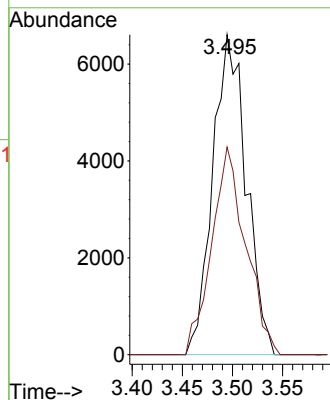
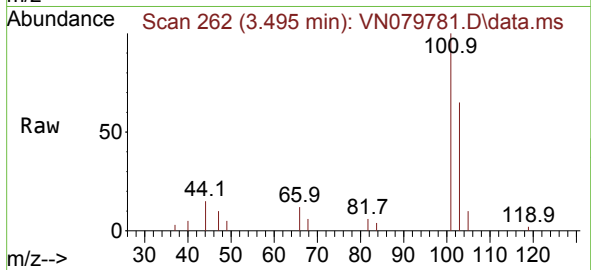




#7
 Trichlorofluoromethane
 Concen: 2.869 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN079781.D
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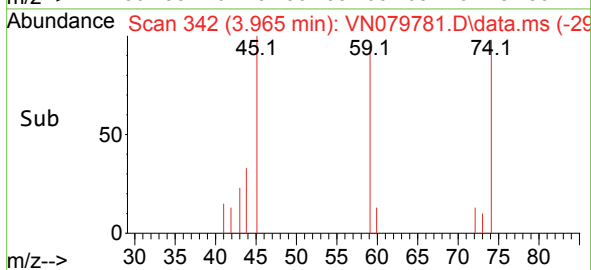
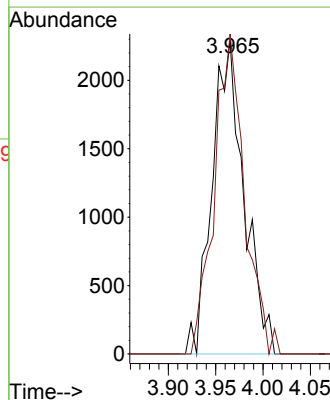
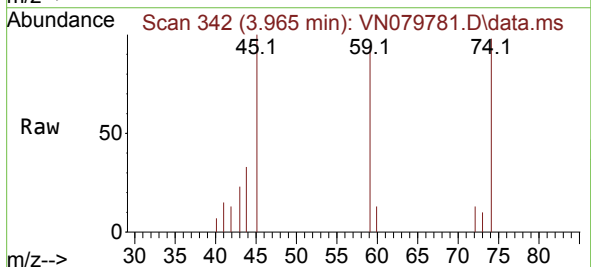
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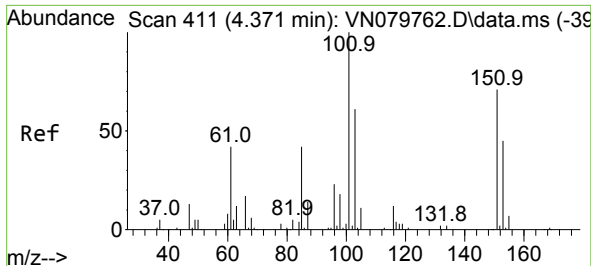
Tgt Ion:101 Resp: 15397
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 2.629 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 5354
 Ion Ratio Lower Upper
 74 100
 45 96.4 34.4 103.3

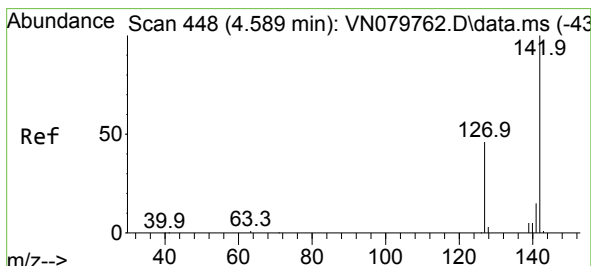
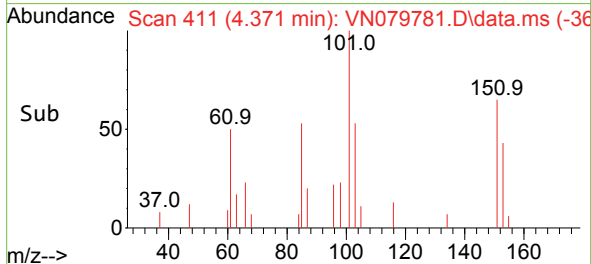
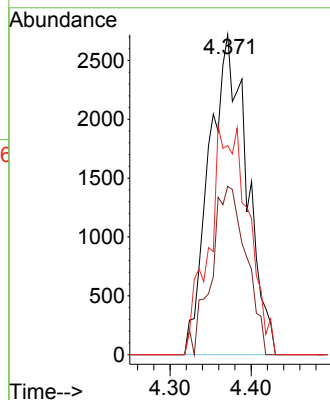
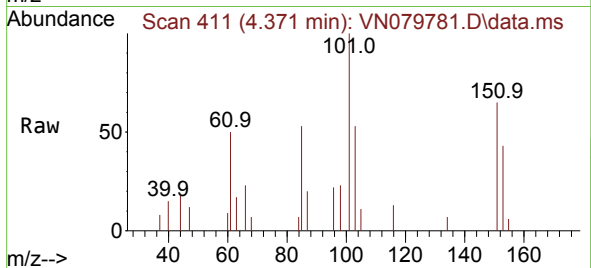




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.820 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

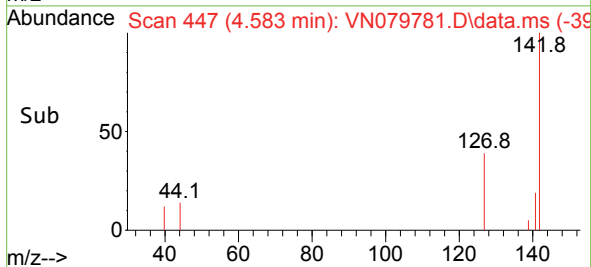
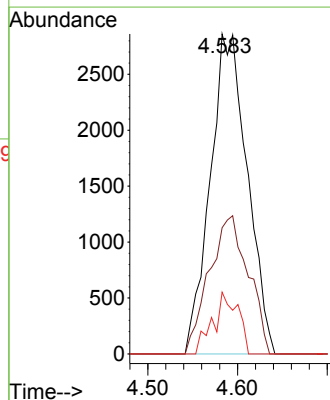
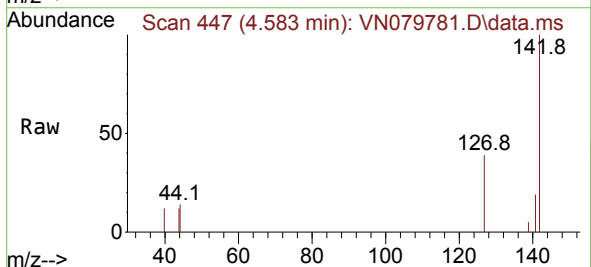
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:101 Resp: 8774
Ion Ratio Lower Upper
101 100
85 48.8 36.6 55.0
151 74.3 57.6 86.4



#10
Methyl Iodide
Concen: 2.312 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion:142 Resp: 8212
Ion Ratio Lower Upper
142 100
127 39.4 37.6 56.4
141 19.3 11.4 17.0#

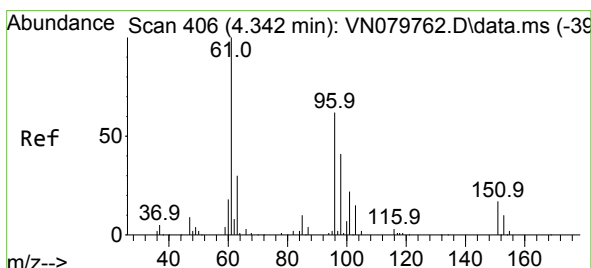
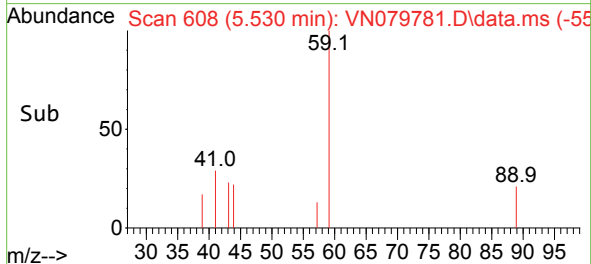
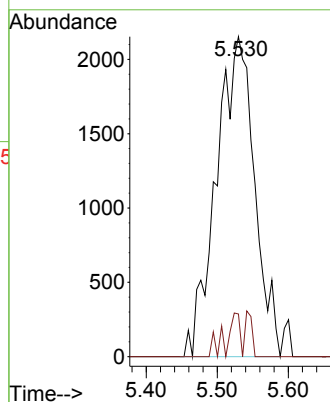
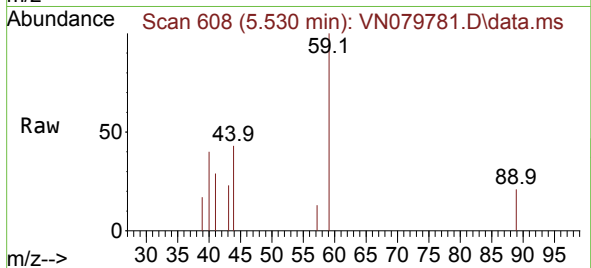




#11
Tert butyl alcohol
Concen: 15.148 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

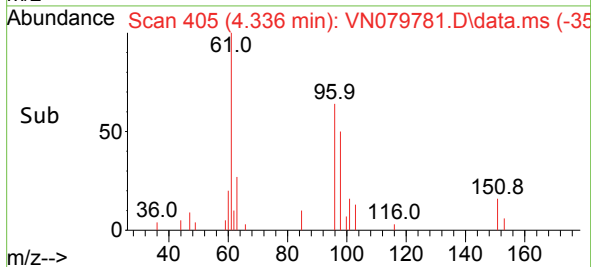
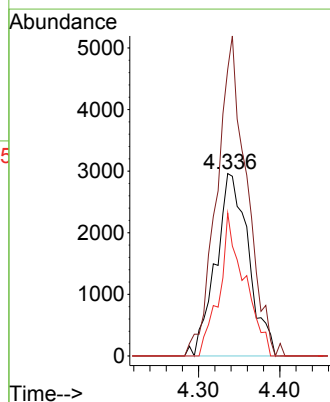
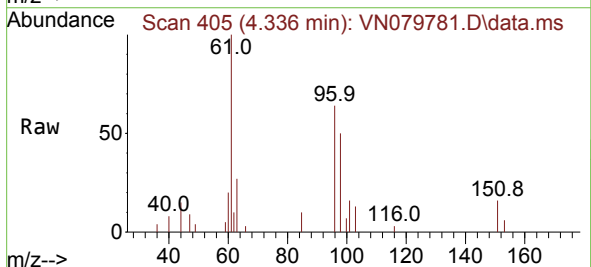
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

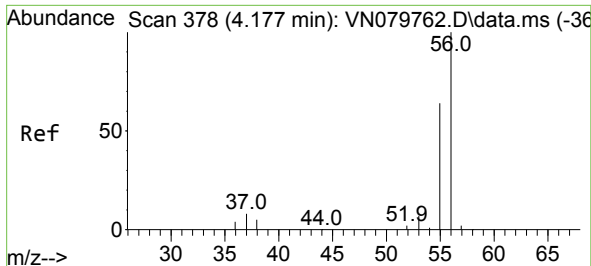
Tgt Ion: 59 Resp: 8062
Ion Ratio Lower Upper
59 100
57 4.2 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 2.813 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 96 Resp: 8286
Ion Ratio Lower Upper
96 100
61 157.1 112.7 169.1
98 78.4 51.2 76.8#





#13

Acrolein

Concen: 13.171 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

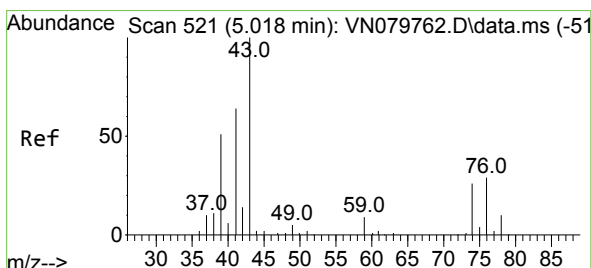
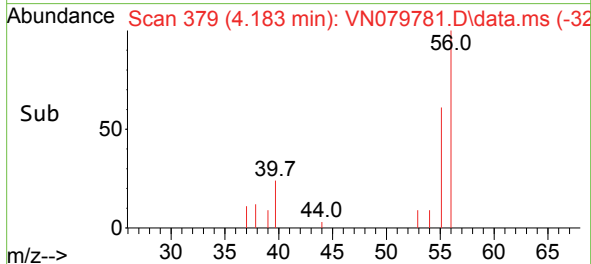
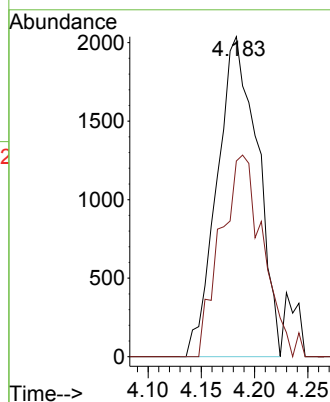
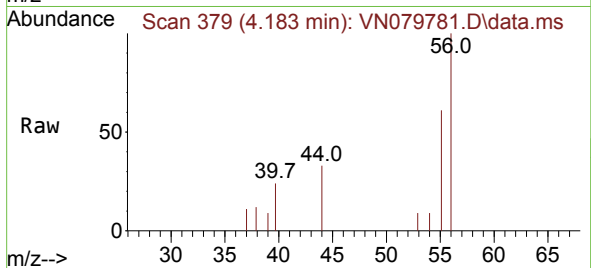
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 56 Resp: 5374

Ion Ratio Lower Upper

56 100

55 66.4 54.5 81.7



#14

Allyl chloride

Concen: 2.659 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

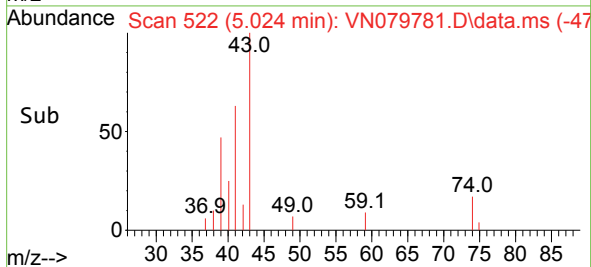
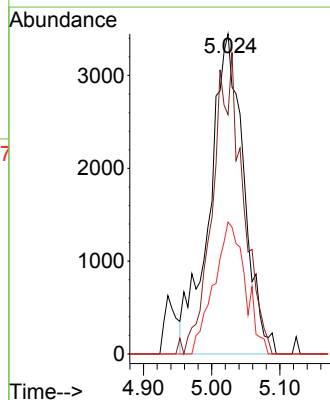
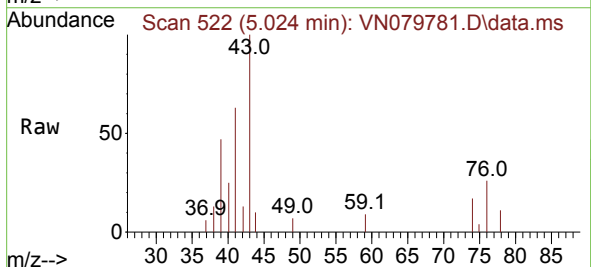
Tgt Ion: 41 Resp: 11995

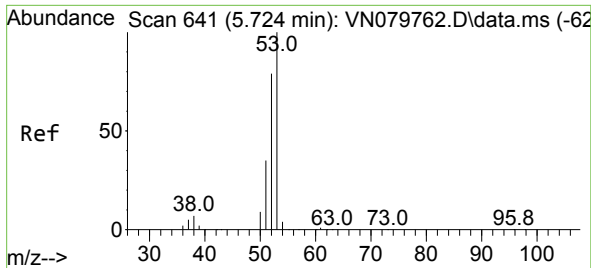
Ion Ratio Lower Upper

41 100

39 83.4 58.8 88.2

76 37.8 39.1 58.7#

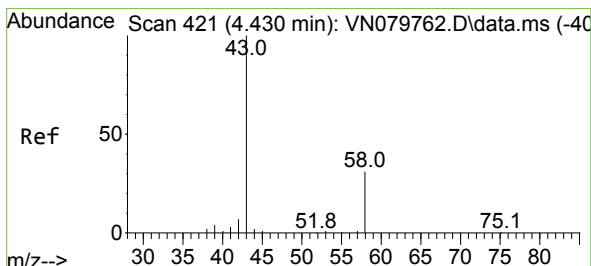
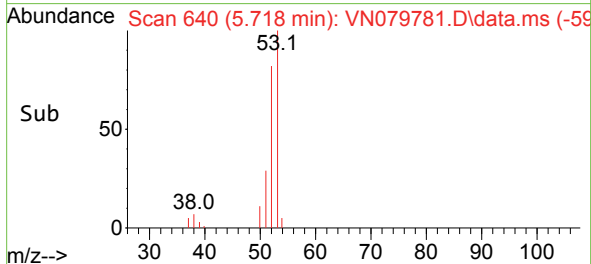
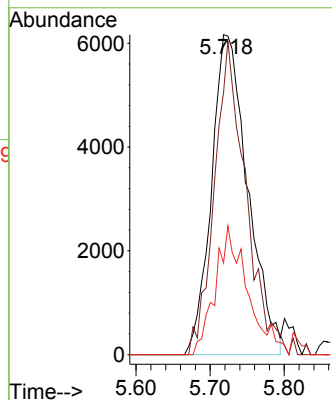
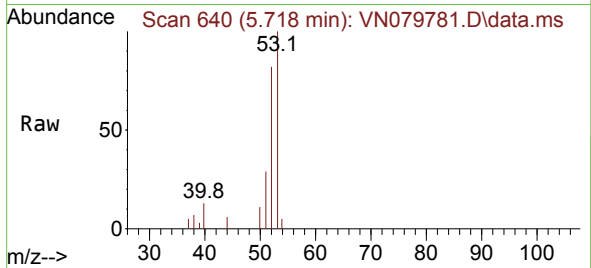




#15
Acrylonitrile
Concen: 12.642 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

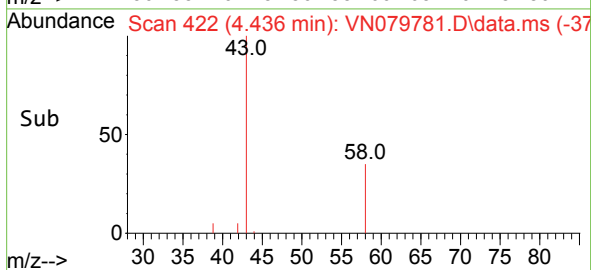
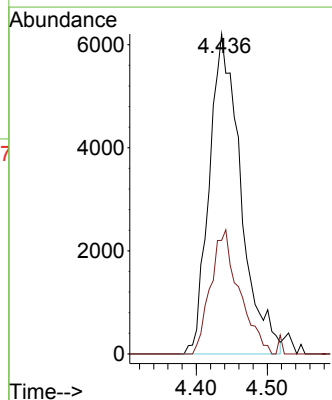
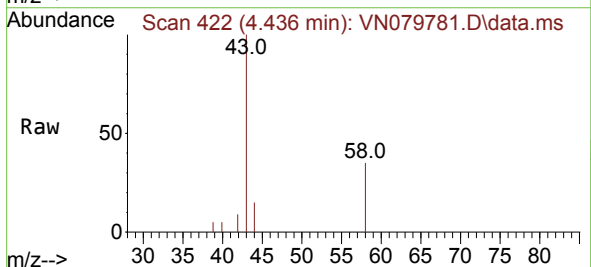
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 53	Resp: 20968
Ion Ratio	Lower Upper
53 100	
52 84.7	65.3 97.9
51 35.8	28.9 43.3



#16
Acetone
Concen: 13.066 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 43	Resp: 19135
Ion Ratio	Lower Upper
43 100	
58 35.5	28.0 42.0

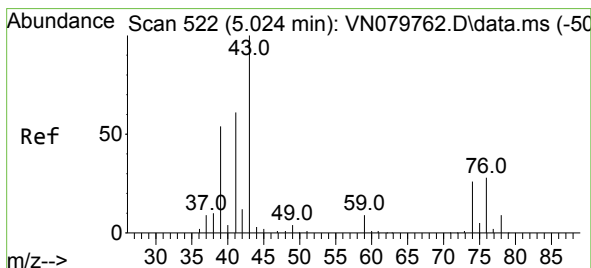
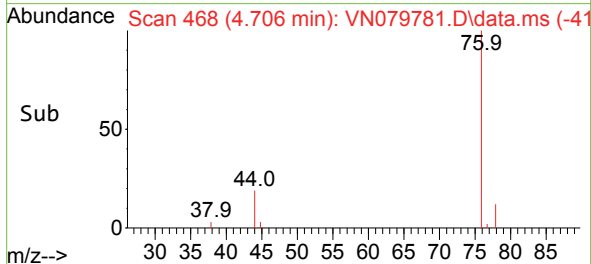
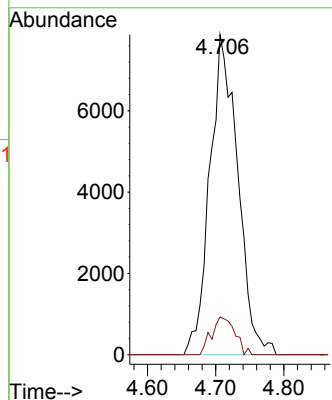
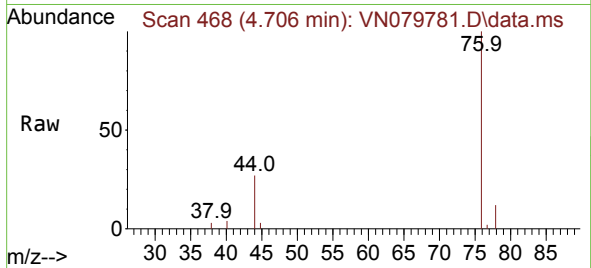




#17
Carbon Disulfide
Concen: 2.649 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

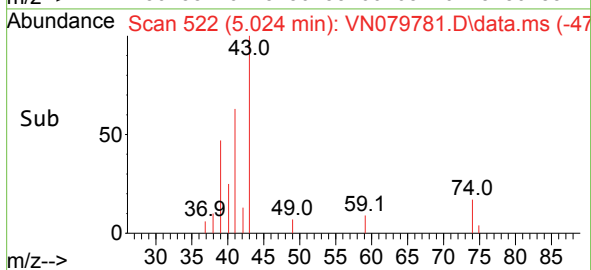
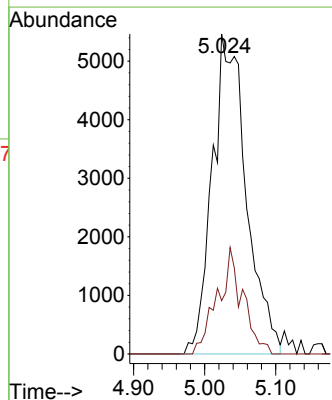
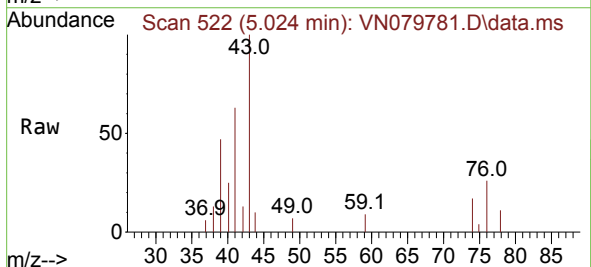
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

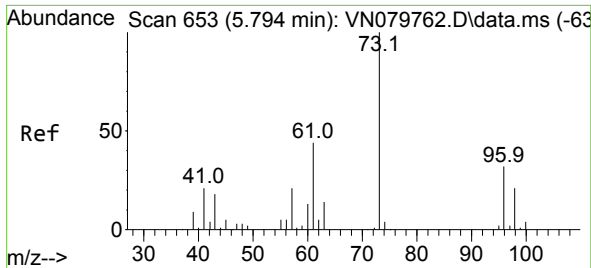
Tgt Ion: 76 Resp: 22503
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.0#



#18
Methyl Acetate
Concen: 2.596 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 43 Resp: 18190
Ion Ratio Lower Upper
43 100
74 24.8 26.2 39.4#

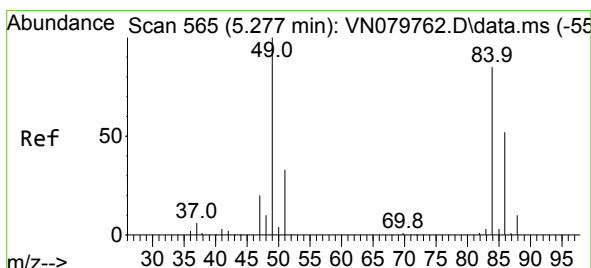
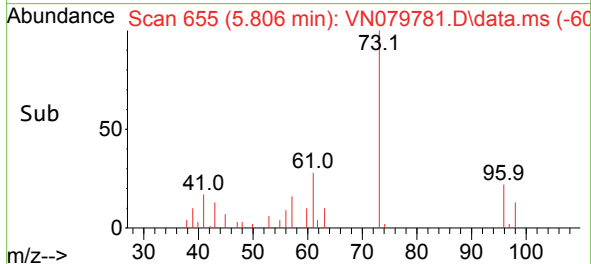
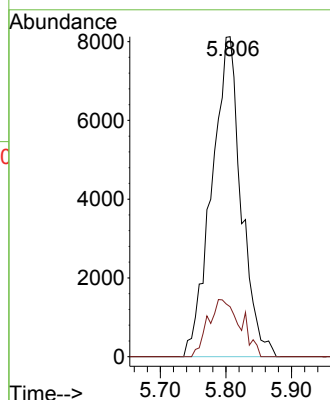
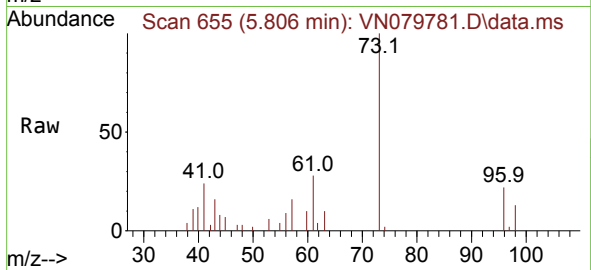




#19
Methyl tert-butyl Ether
Concen: 2.502 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

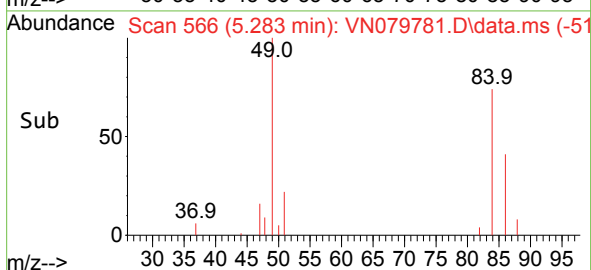
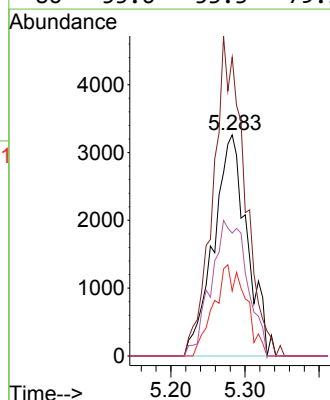
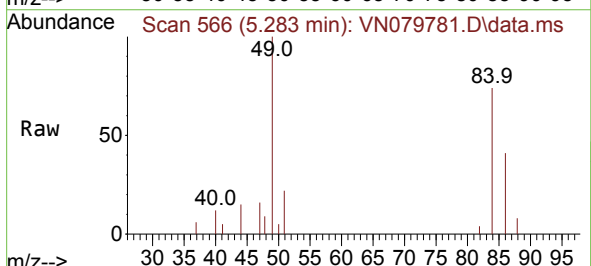
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

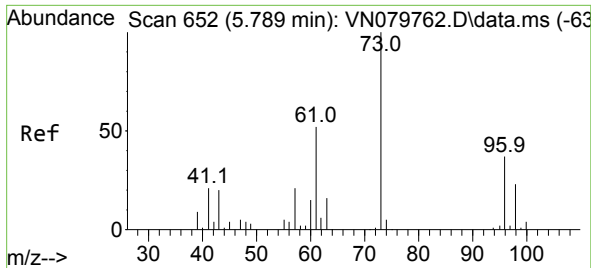
Tgt Ion: 73 Resp: 25373
Ion Ratio Lower Upper
73 100
57 15.6 15.6 23.4



#20
Methylene Chloride
Concen: 2.768 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 84 Resp: 10230
Ion Ratio Lower Upper
84 100
49 135.2 79.7 119.5#
51 29.4 25.2 37.8
86 55.6 53.3 79.9

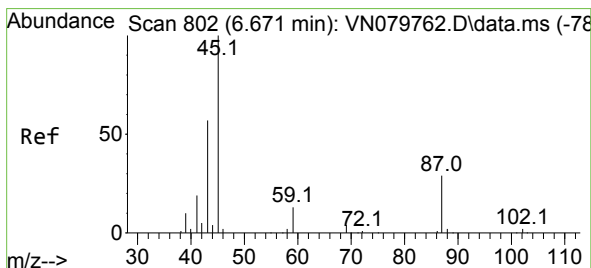
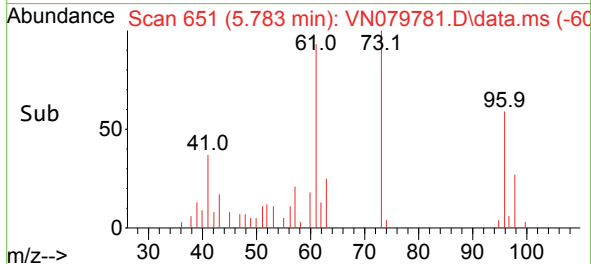
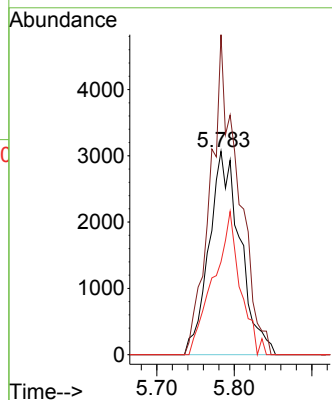
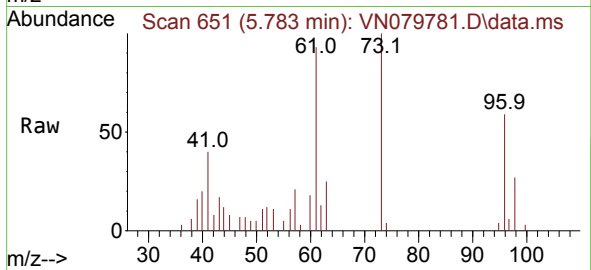




#21
trans-1,2-Dichloroethene
Concen: 2.613 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

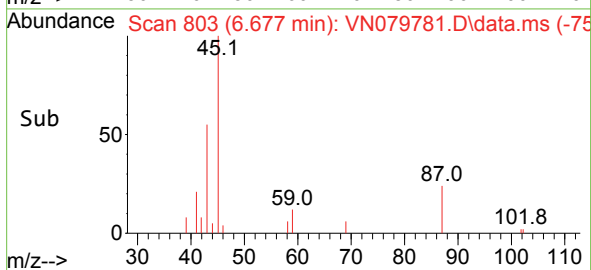
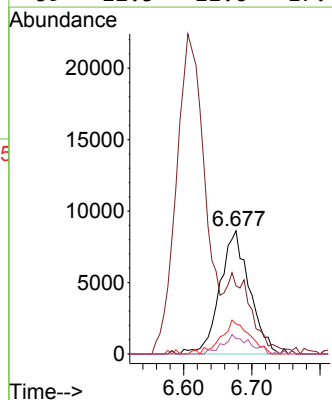
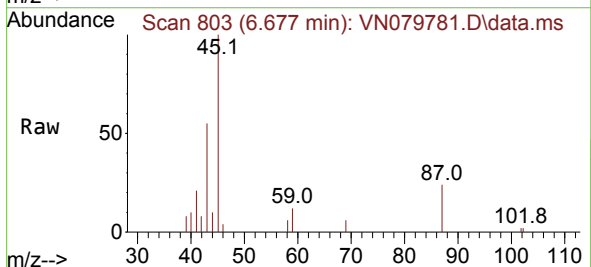
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

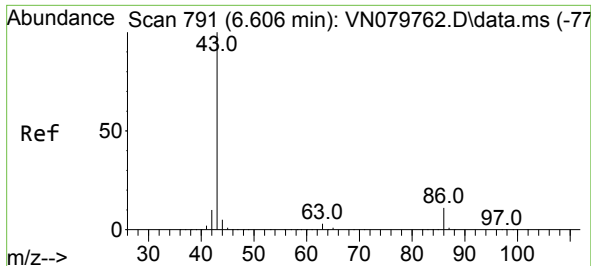
Tgt Ion: 96 Resp: 8585
Ion Ratio Lower Upper
96 100
61 157.4 90.1 135.1#
98 45.6 46.4 69.6#



#22
Diisopropyl ether
Concen: 2.487 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 45 Resp: 26005
Ion Ratio Lower Upper
45 100
43 50.5 45.5 68.3
87 24.3 31.8 47.8#
59 12.5 11.6 17.4

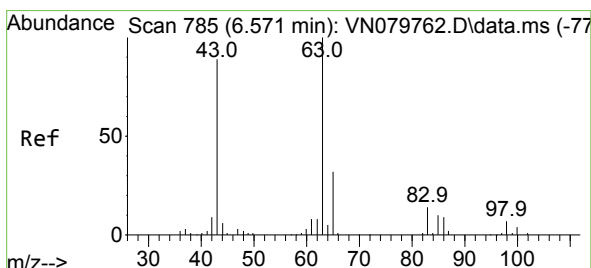
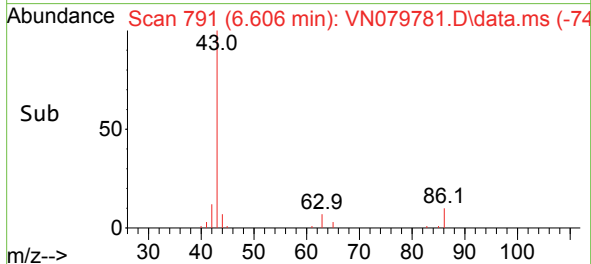
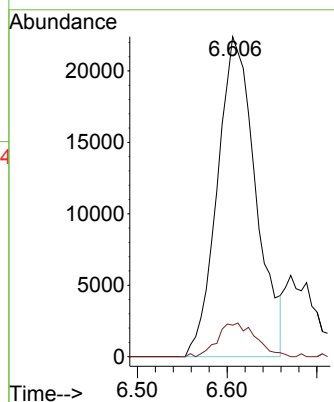
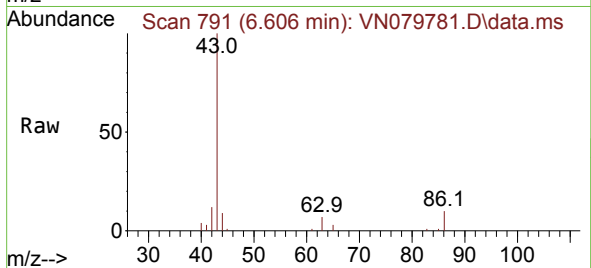




#23
 Vinyl Acetate
 Concen: 11.533 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

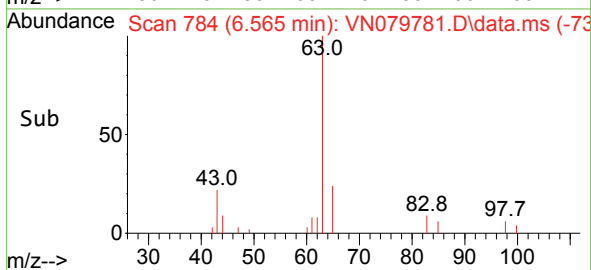
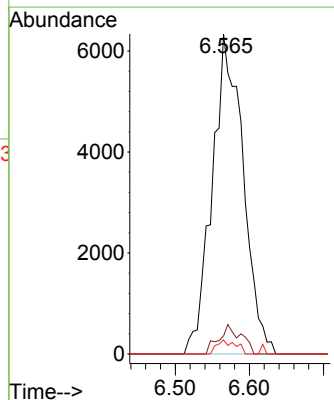
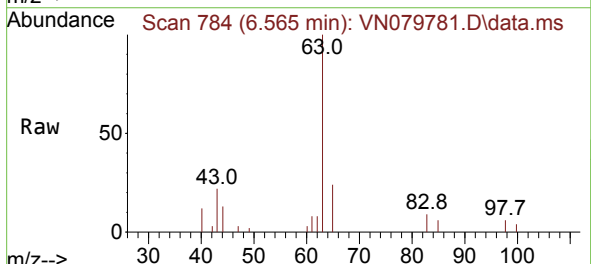
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

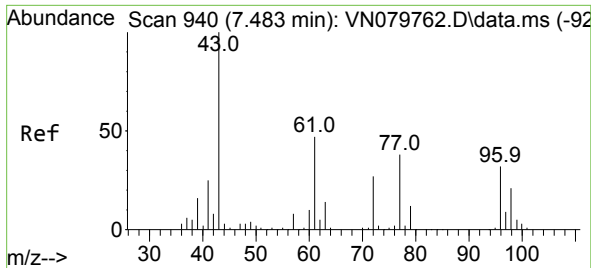
Tgt Ion: 43 Resp: 66510
 Ion Ratio Lower Upper
 43 100
 86 9.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 2.887 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

Tgt Ion: 63 Resp: 18343
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.9 11.7
 100 4.4 2.5 7.4

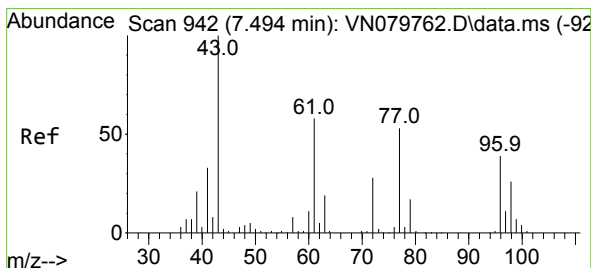
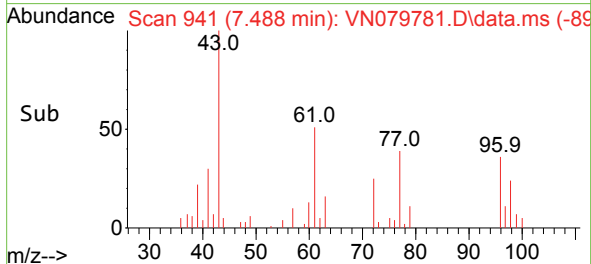
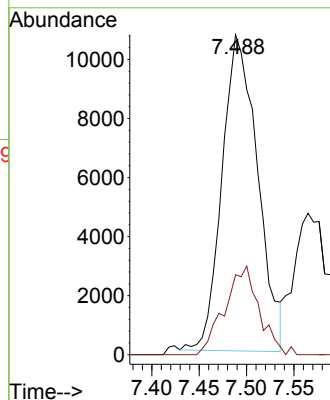
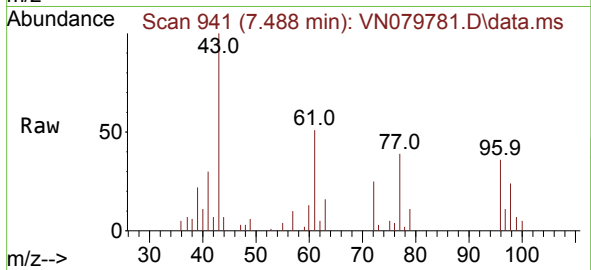




#25
2-Butanone
Concen: 13.056 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

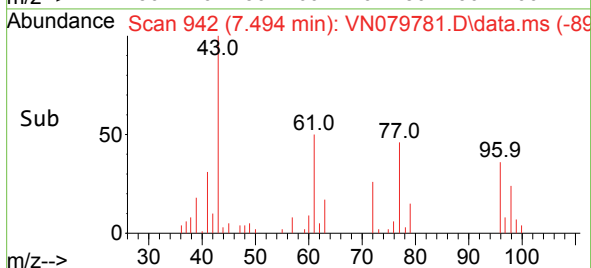
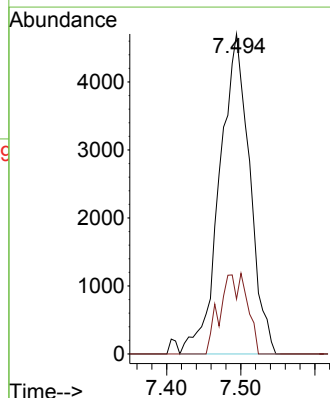
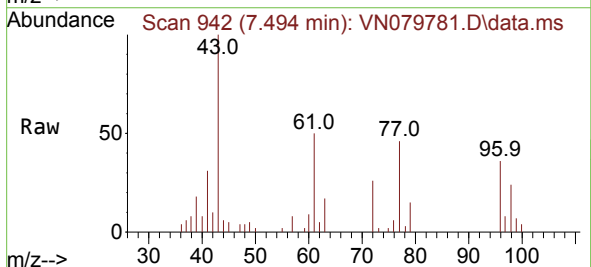
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

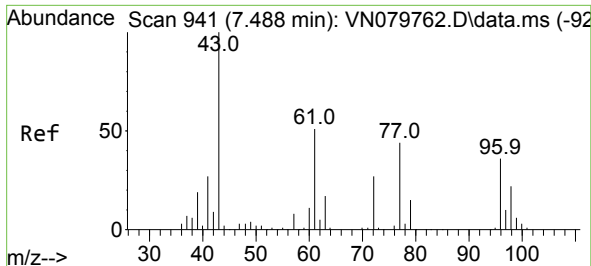
Tgt Ion: 43 Resp: 27998
Ion Ratio Lower Upper
43 100
72 25.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 2.515 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 77 Resp: 13217
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6

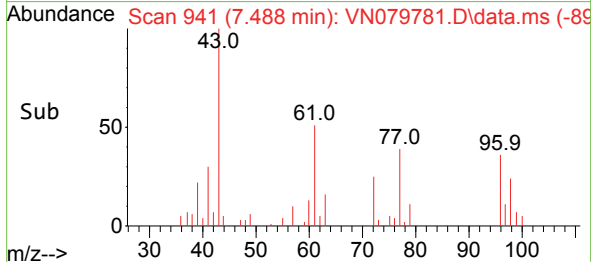
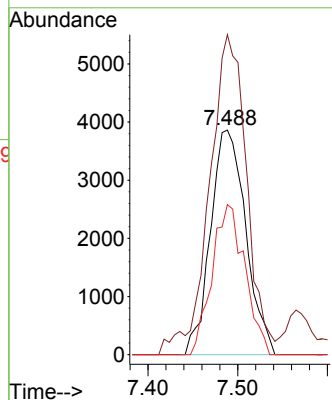
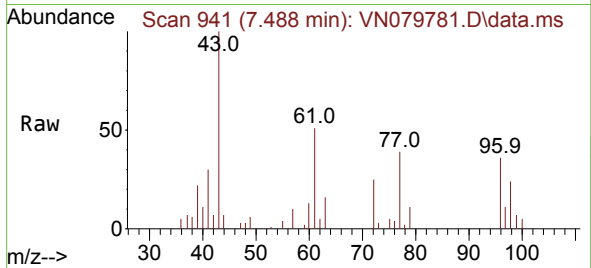




#27
 cis-1,2-Dichloroethene
 Concen: 2.682 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

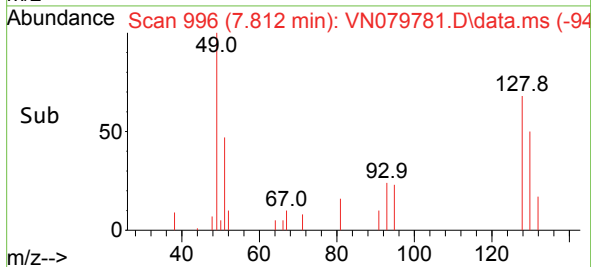
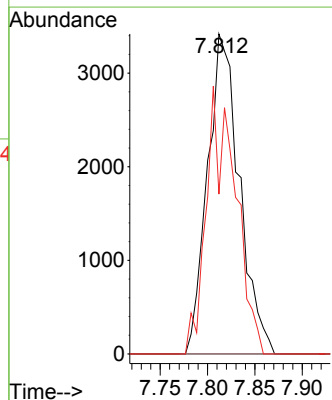
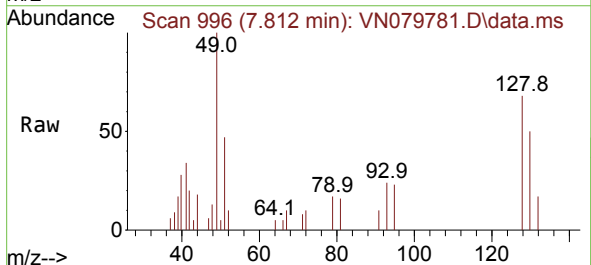
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

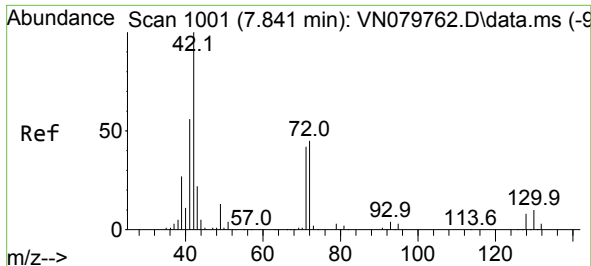
Tgt Ion: 96 Resp: 10539
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 255.2
 98 62.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 2.586 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

Tgt Ion: 49 Resp: 8009
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 35.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 12.545 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079781.D

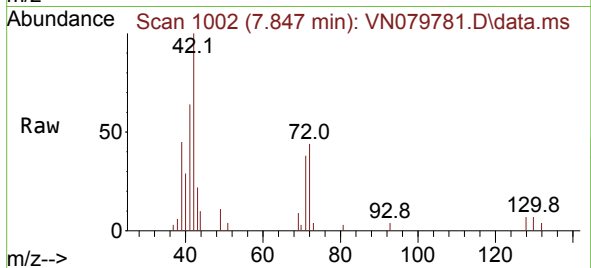
Acq: 01 Nov 2023 19:06

Instrument :

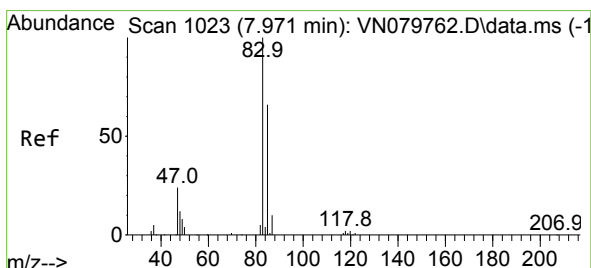
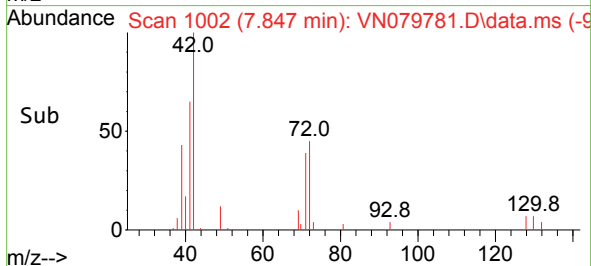
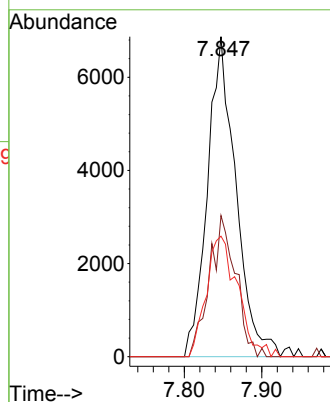
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



Tgt Ion:	42	Resp:	17503
Ion	Ratio	Lower	Upper
42	100		
72	40.9	49.8	74.6#
71	41.7	47.4	71.2#



#30

Chloroform

Concen: 2.773 ug/l

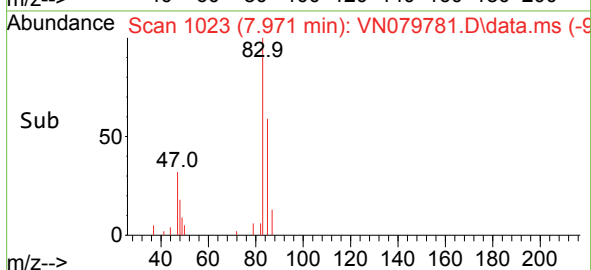
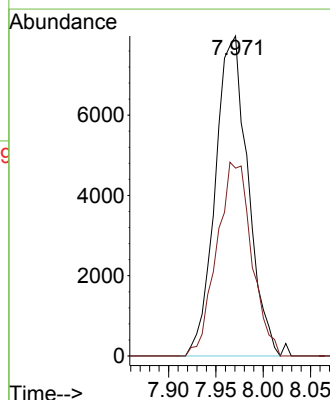
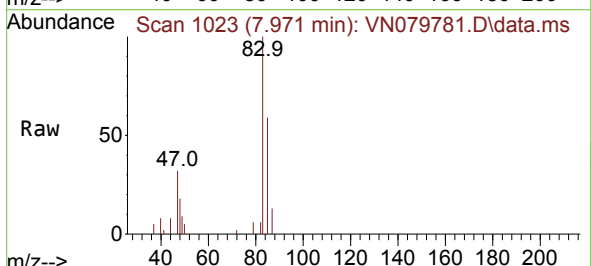
RT: 7.971 min Scan# 1023

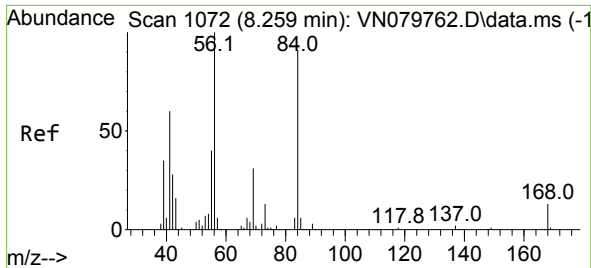
Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Tgt Ion:	83	Resp:	19139
Ion	Ratio	Lower	Upper
83	100		
85	58.7	55.4	83.0

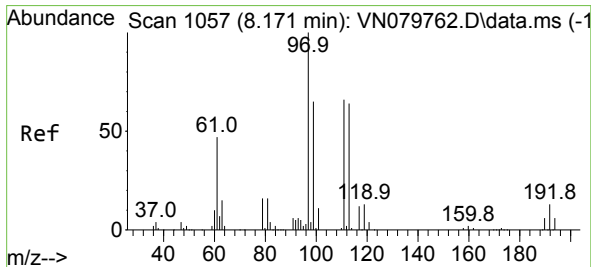
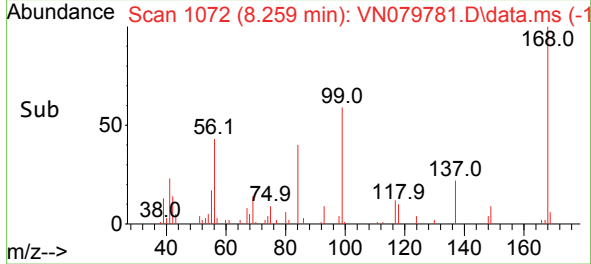
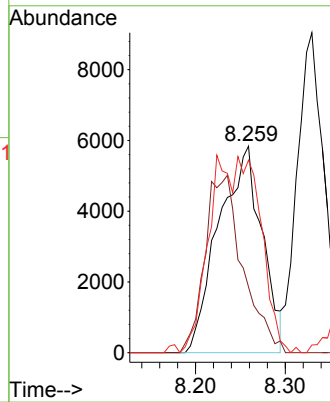
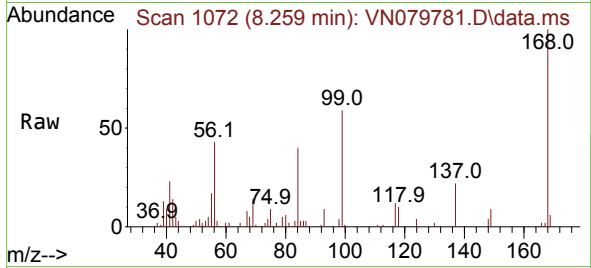




#31
Cyclohexane
Concen: 3.547 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

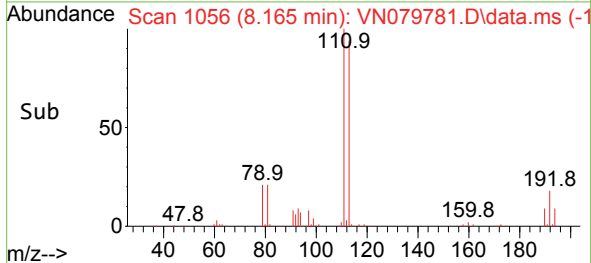
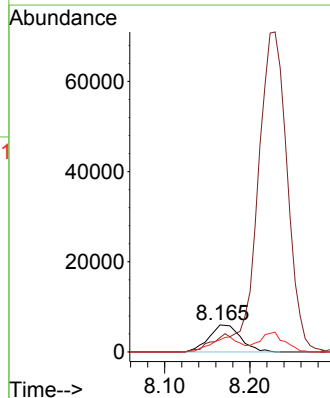
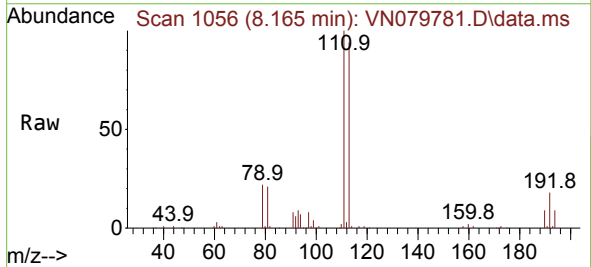
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

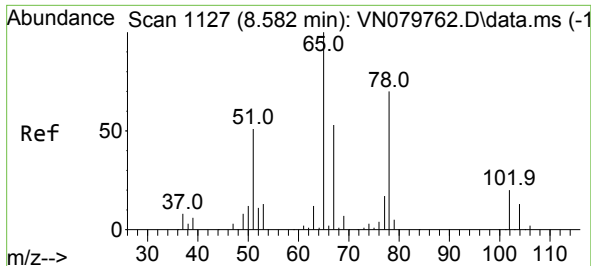
Tgt Ion: 56 Resp: 19541
Ion Ratio Lower Upper
56 100
69 31.9 26.8 40.2
84 93.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 2.764 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 97 Resp: 15543
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 48.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.018 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

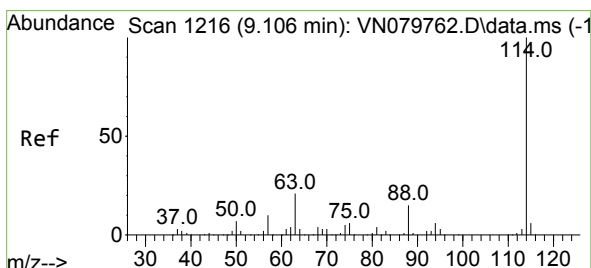
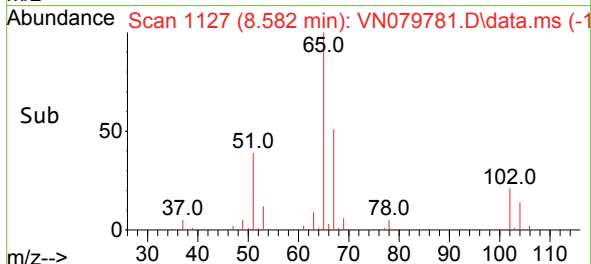
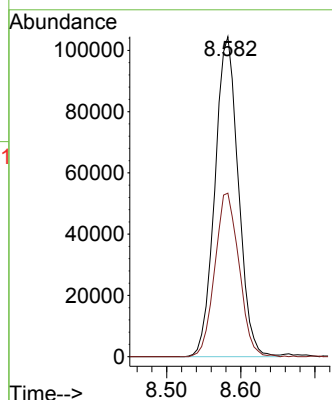
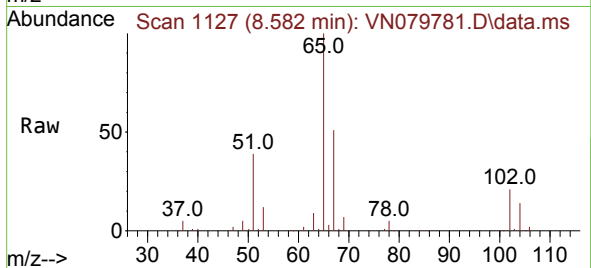
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 65 Resp: 229378

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

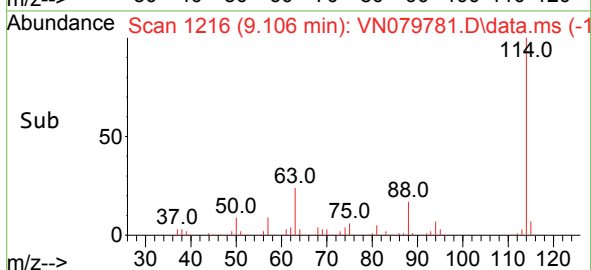
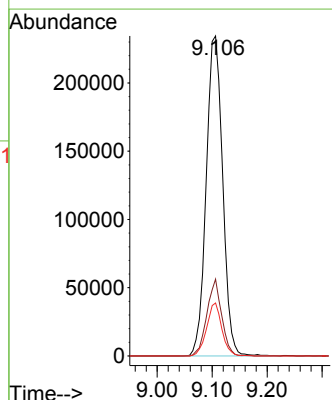
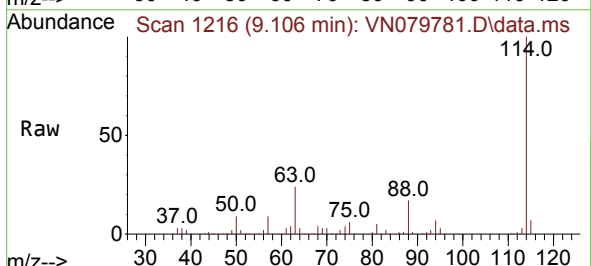
Tgt Ion: 114 Resp: 487484

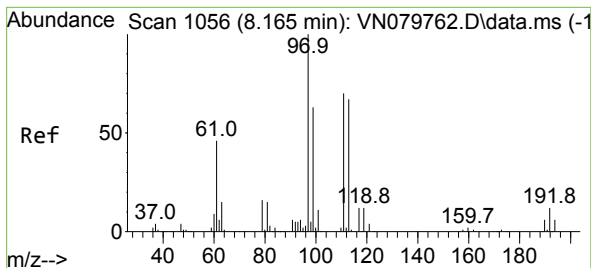
Ion Ratio Lower Upper

114 100

63 24.0 0.0 36.4

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.608 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079781.D

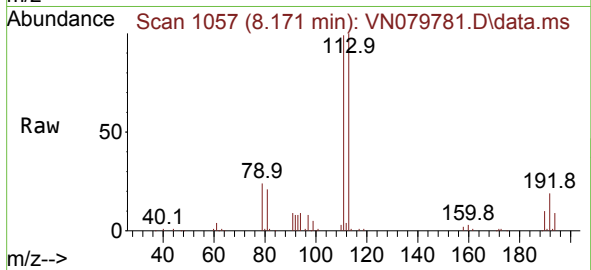
Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



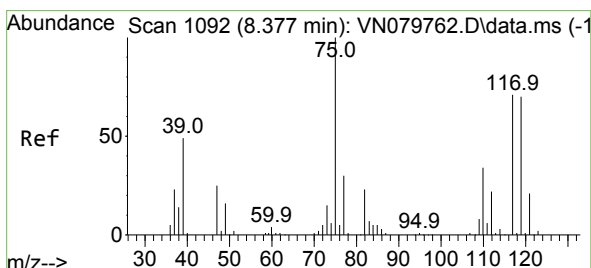
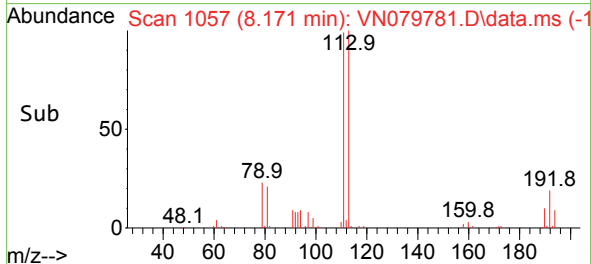
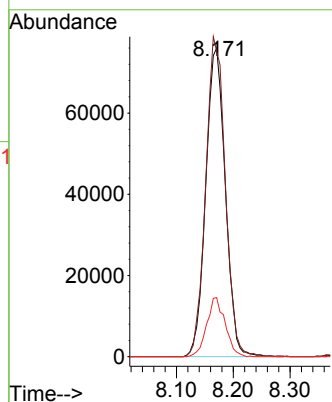
Tgt Ion:113 Resp: 181510

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 18.1 12.7 19.1



#36

1,1-Dichloropropene

Concen: 2.494 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

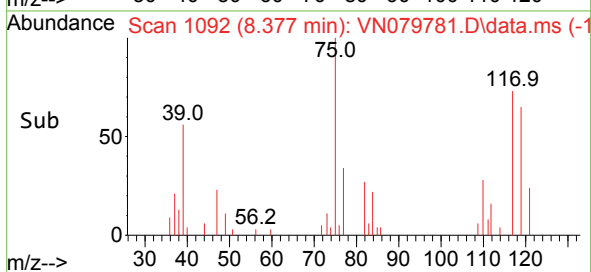
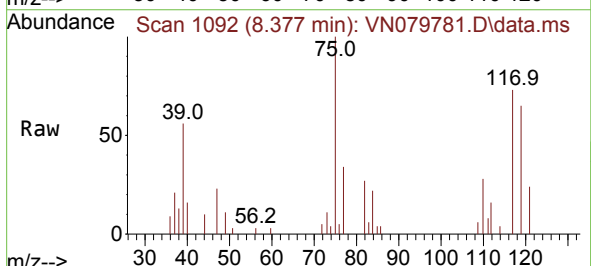
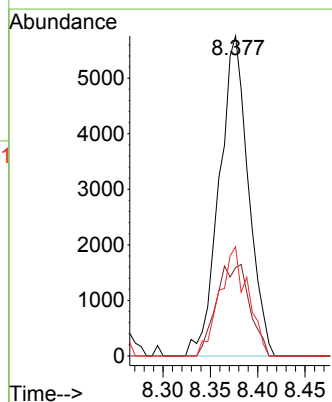
Tgt Ion: 75 Resp: 12288

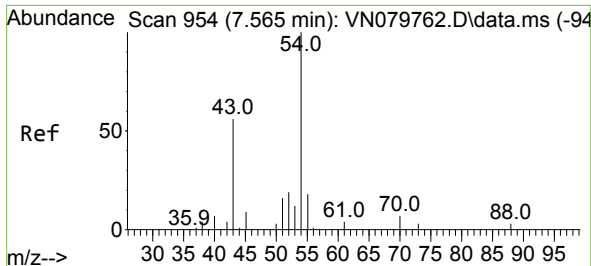
Ion Ratio Lower Upper

75 100

110 32.9 19.1 57.3

77 33.3 25.0 37.4

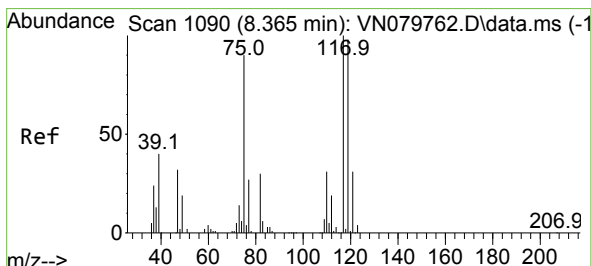
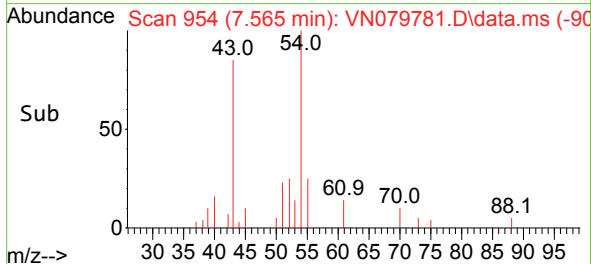
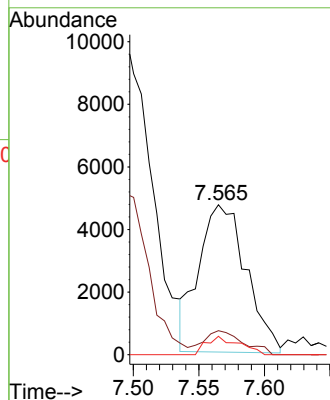
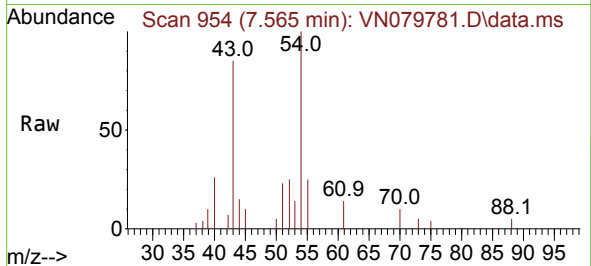




#37
Ethyl Acetate
Concen: 2.620 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

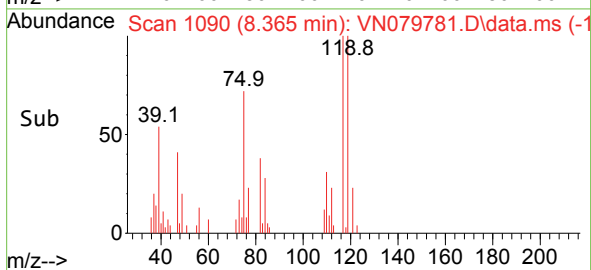
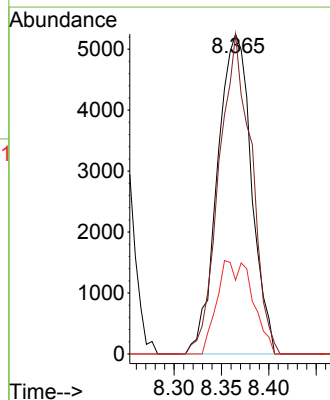
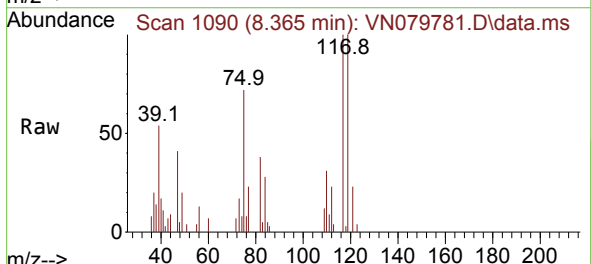
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

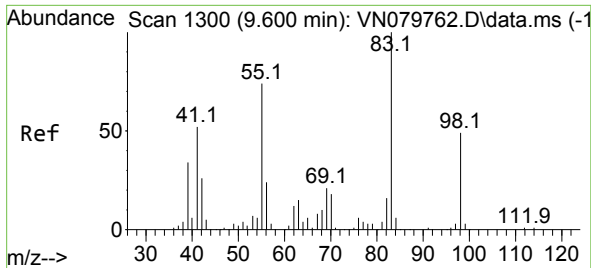
Tgt Ion: 43 Resp: 11837
Ion Ratio Lower Upper
43 100
61 13.7 13.2 19.8
70 8.6 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 2.633 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 117 Resp: 13074
Ion Ratio Lower Upper
117 100
119 99.9 77.3 115.9
121 23.1 23.3 34.9#





#39

Methylcyclohexane

Concen: 2.300 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

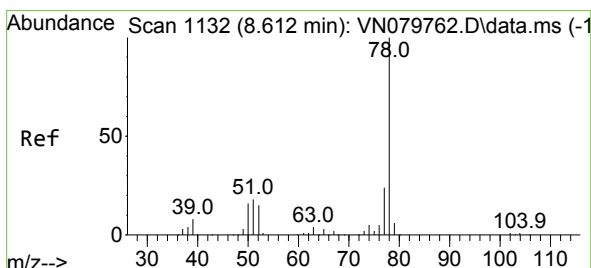
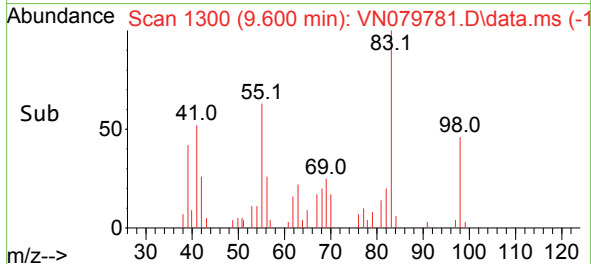
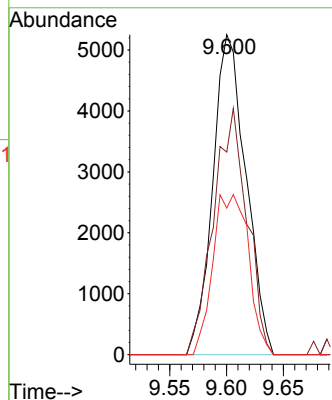
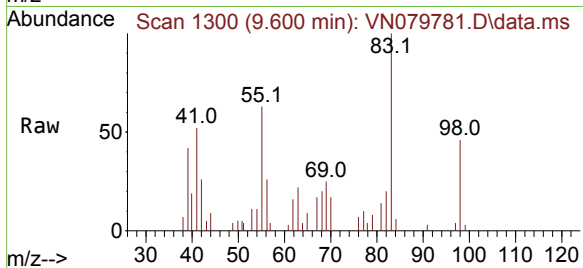
Tgt Ion: 83 Resp: 10662

Ion Ratio Lower Upper

83 100

55 63.3 49.1 73.7

98 45.8 40.6 61.0



#40

Benzene

Concen: 2.750 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079781.D

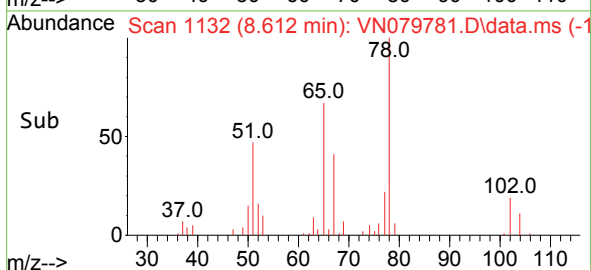
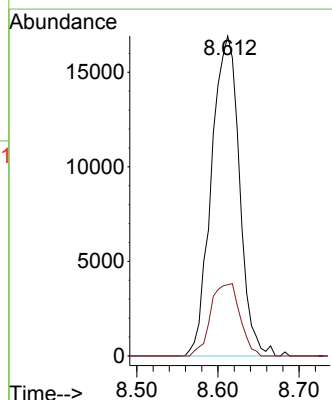
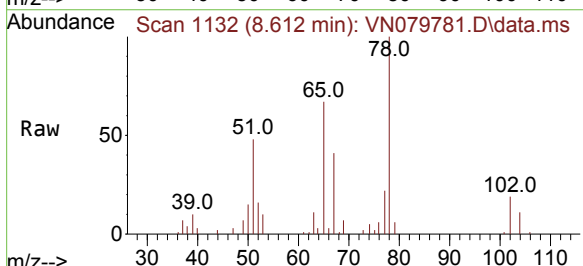
Acq: 01 Nov 2023 19:06

Tgt Ion: 78 Resp: 40575

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6

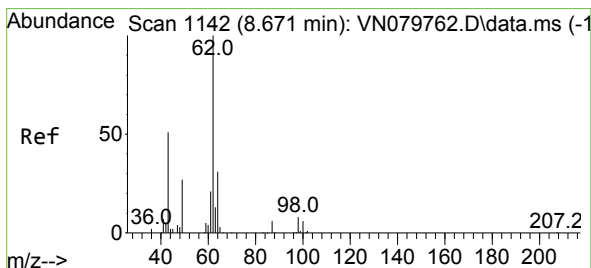
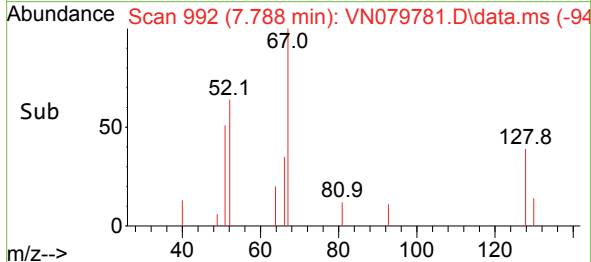
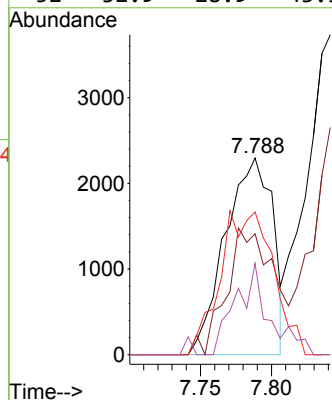
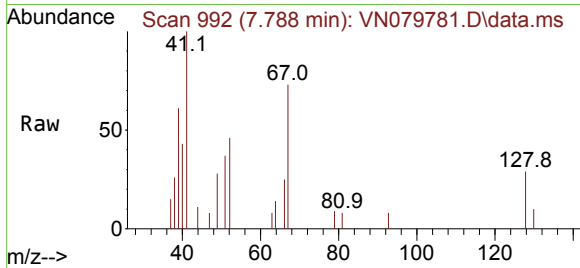




#41
Methacrylonitrile
Concen: 2.225 ug/l
RT: 7.788 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

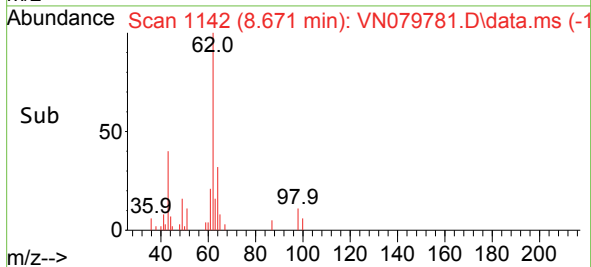
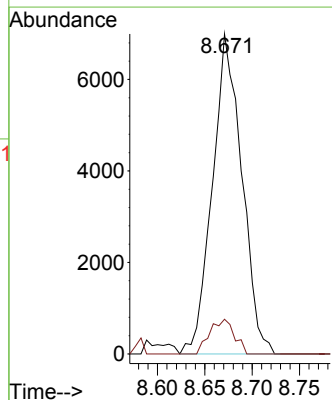
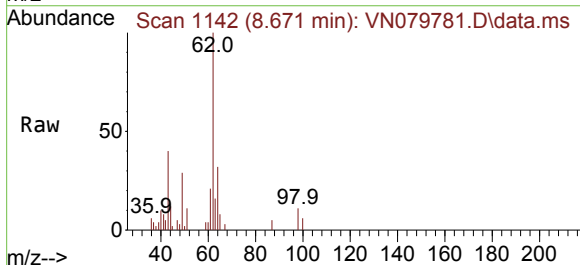
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

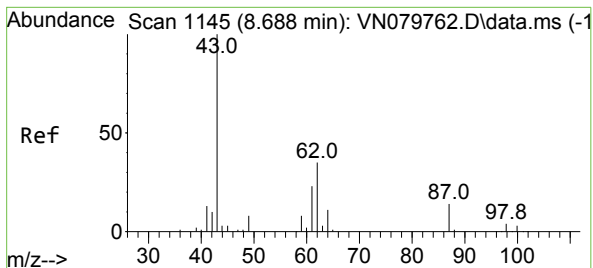
Tgt Ion: 41	Resp: 5337
Ion Ratio	Lower Upper
41 100	
39 64.5	42.6 64.0#
67 81.5	77.5 116.3
52 32.9	28.9 43.3



#42
1,2-Dichloroethane
Concen: 2.938 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 62	Resp: 15144
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 19.8





#43

Isopropyl Acetate

Concen: 2.316 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

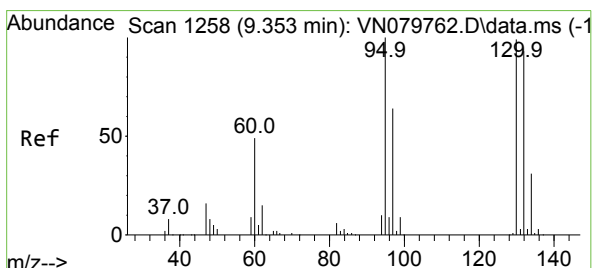
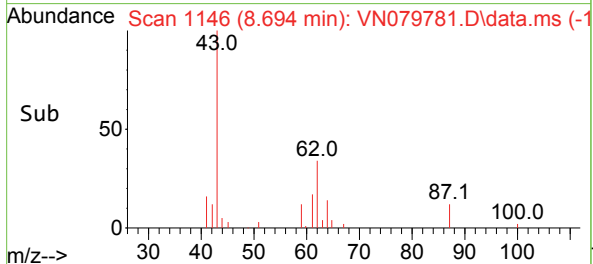
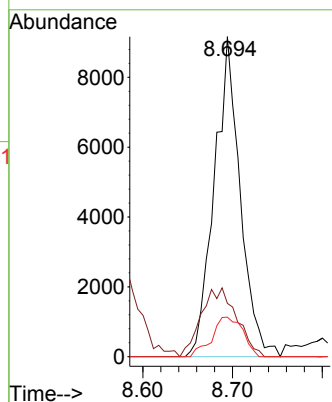
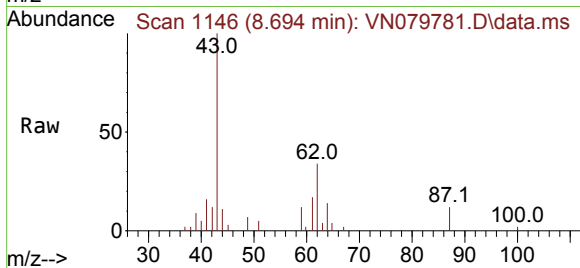
Tgt Ion: 43 Resp: 18352

Ion Ratio Lower Upper

43 100

61 29.5 24.7 37.1

87 14.8 14.6 21.8



#44

Trichloroethene

Concen: 2.540 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079781.D

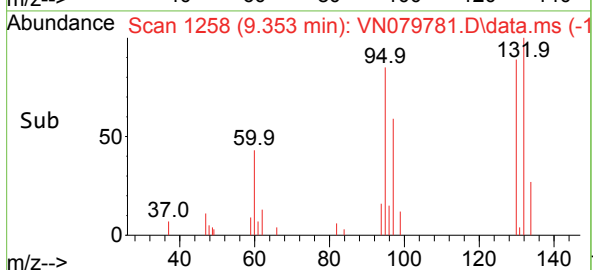
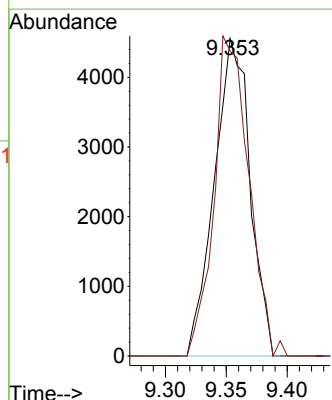
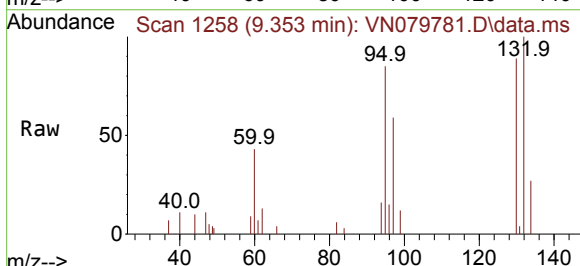
Acq: 01 Nov 2023 19:06

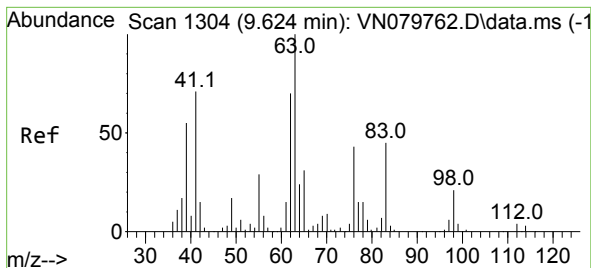
Tgt Ion:130 Resp: 9301

Ion Ratio Lower Upper

130 100

95 96.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 2.729 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

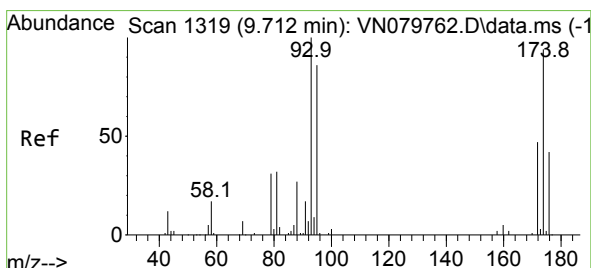
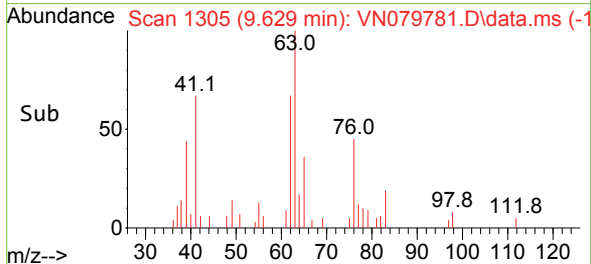
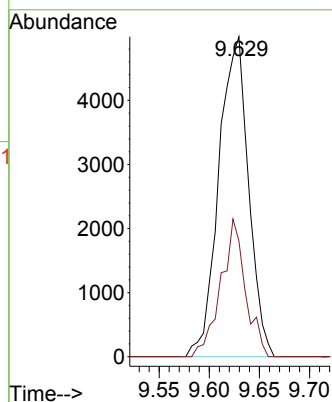
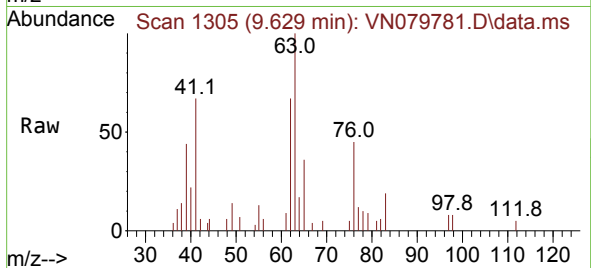
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 63 Resp: 10289

Ion Ratio Lower Upper

63 100

65 36.1 23.9 35.9#



#46

Dibromomethane

Concen: 2.690 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

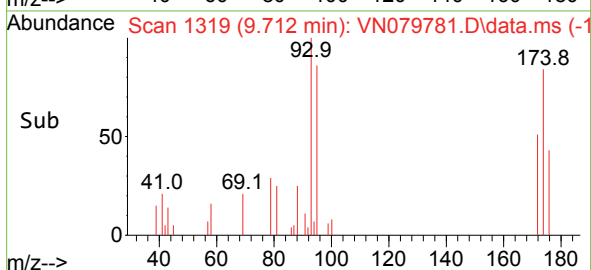
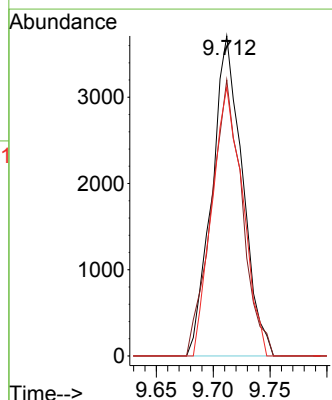
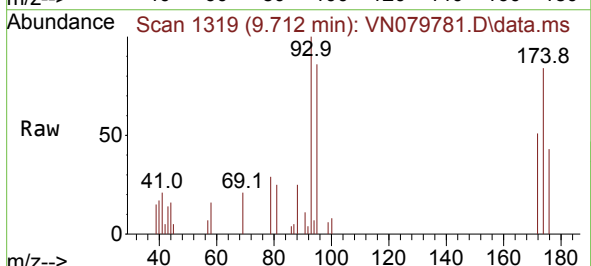
Tgt Ion: 93 Resp: 6925

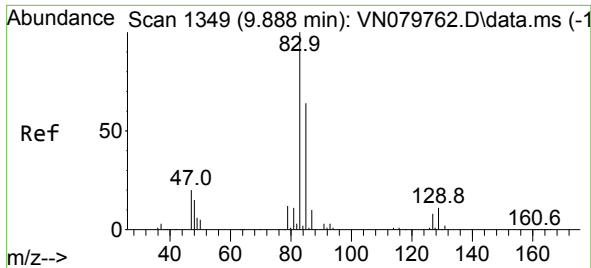
Ion Ratio Lower Upper

93 100

95 87.4 63.8 95.8

174 84.4 65.6 98.4

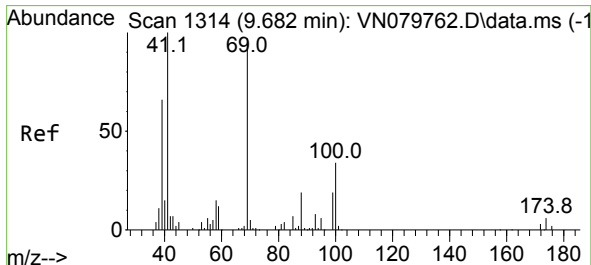
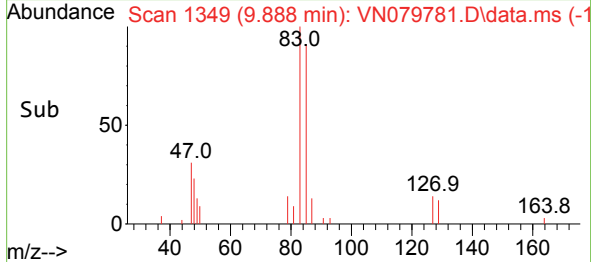
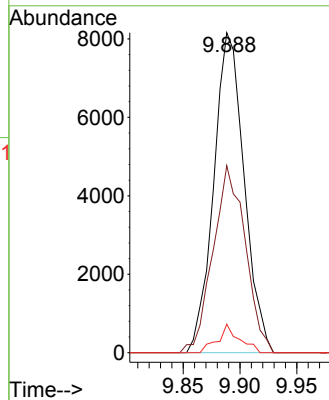
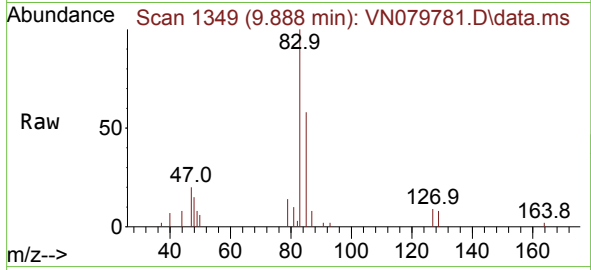




#47
Bromodichloromethane
Concen: 2.771 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

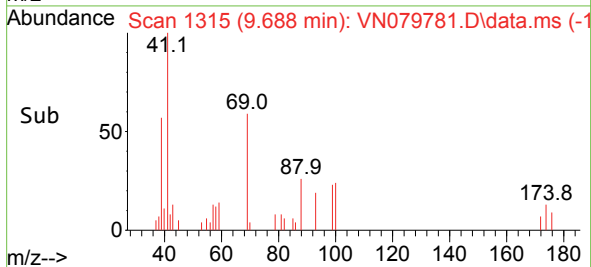
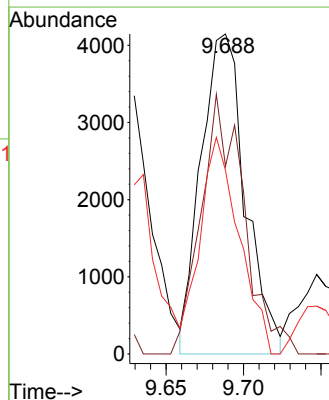
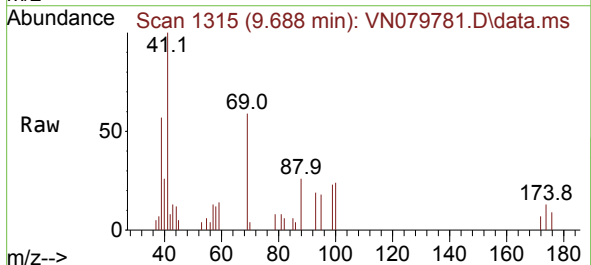
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

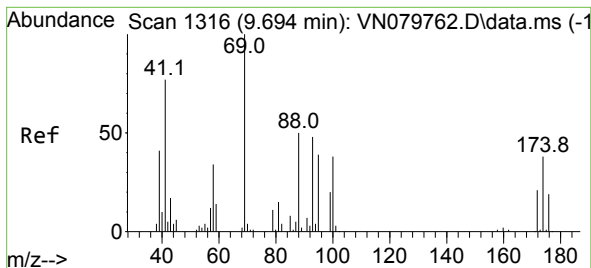
Tgt Ion: 83	Resp:	15215
Ion Ratio	Lower	Upper
83	100	
85	58.5	49.6 74.4
127	8.9	7.0 10.6



#48
Methyl methacrylate
Concen: 2.381 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 41	Resp:	8262
Ion Ratio	Lower	Upper
41	100	
69	78.6	90.4 135.6#
39	59.3	54.6 81.8





#49

1,4-Dioxane

Concen: 53.291 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

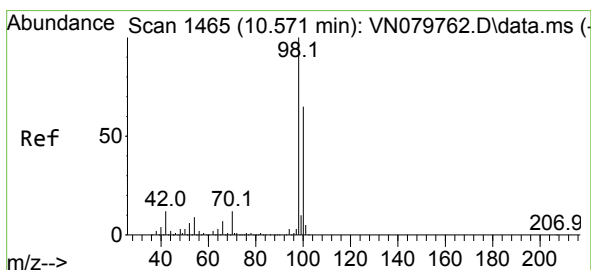
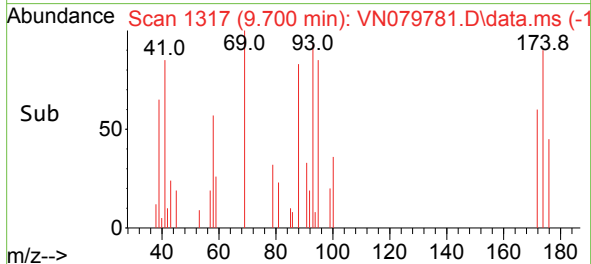
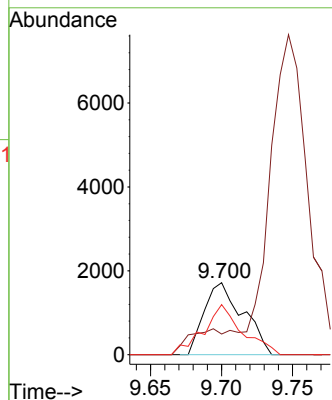
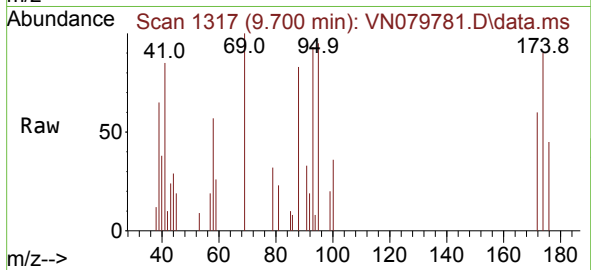
Tgt Ion: 88 Resp: 3268

Ion Ratio Lower Upper

88 100

43 30.6 17.0 25.6#

58 68.6 47.0 70.4



#50

Toluene-d8

Concen: 52.752 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079781.D

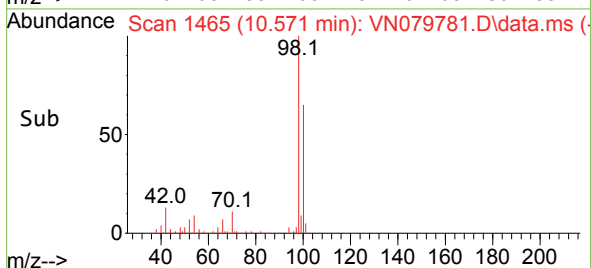
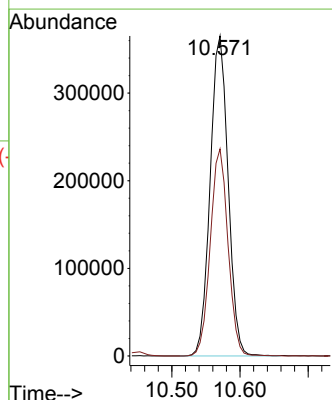
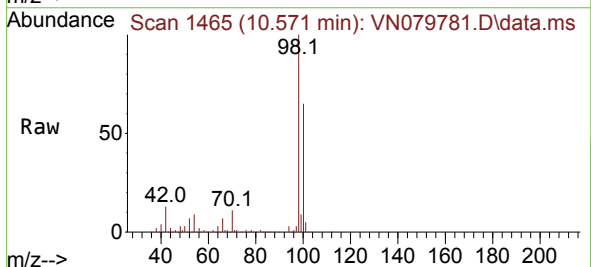
Acq: 01 Nov 2023 19:06

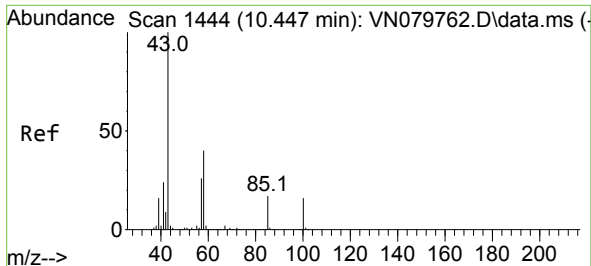
Tgt Ion: 98 Resp: 670027

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

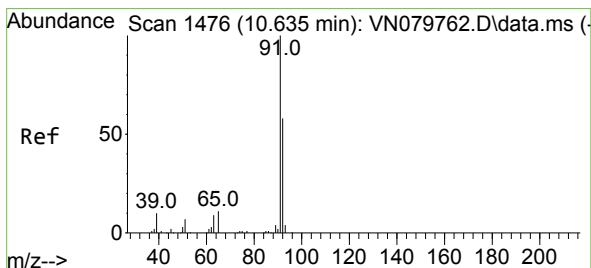
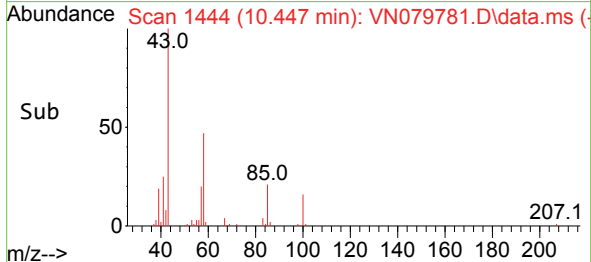
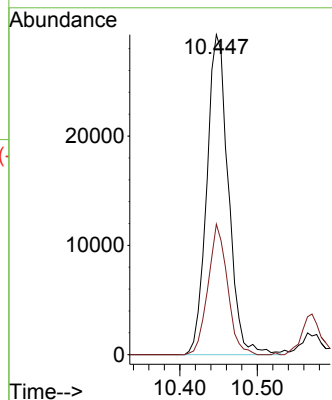
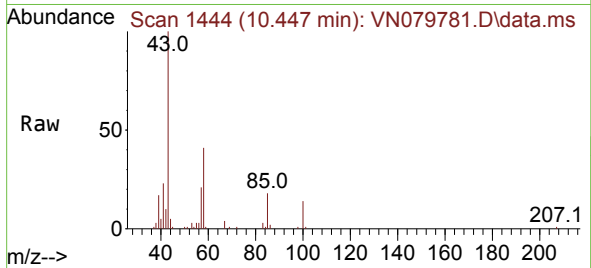




#51
4-Methyl-2-Pentanone
Concen: 12.704 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

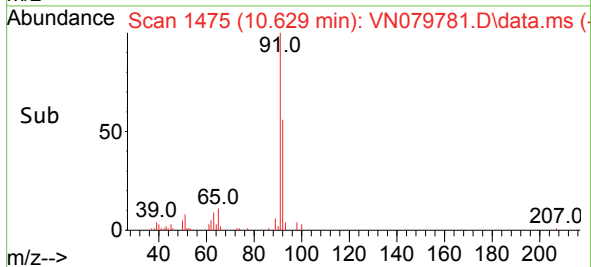
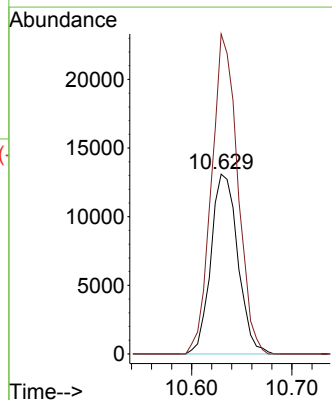
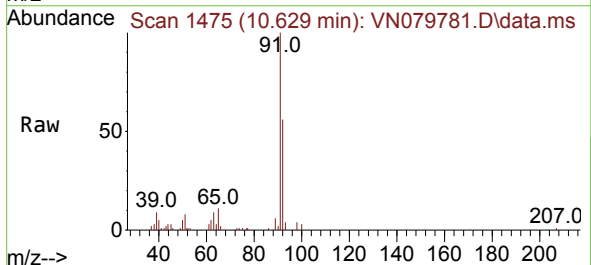
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

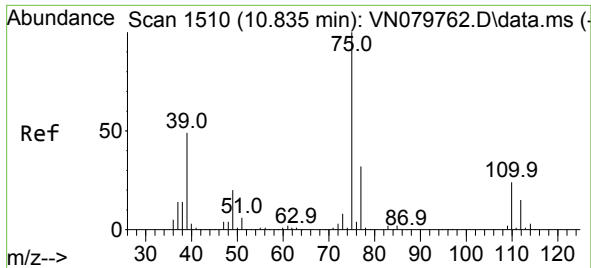
Tgt Ion: 43 Resp: 56670
Ion Ratio Lower Upper
43 100
58 36.6 36.6 54.8



#52
Toluene
Concen: 2.792 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 92 Resp: 24425
Ion Ratio Lower Upper
92 100
91 172.6 137.4 206.0

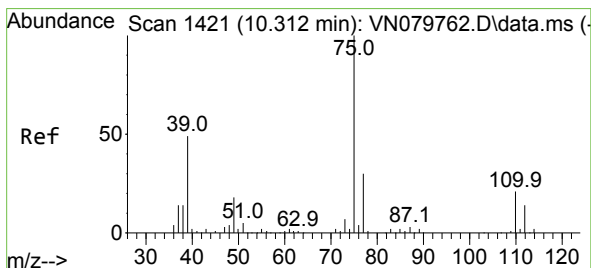
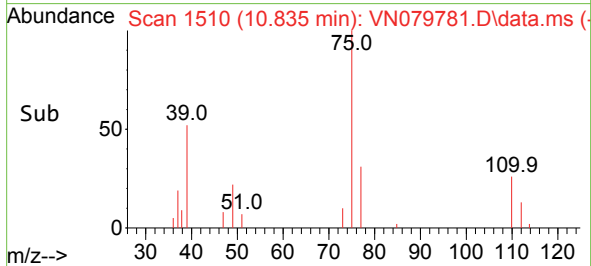
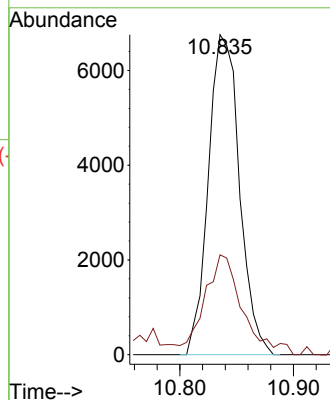
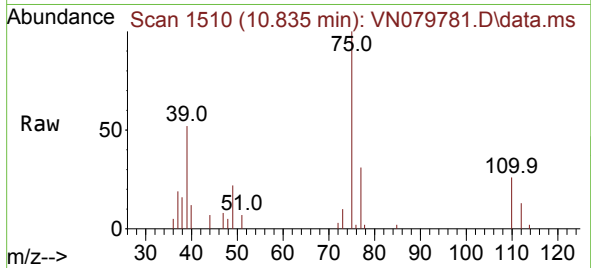




#53
 t-1,3-Dichloropropene
 Concen: 2.387 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

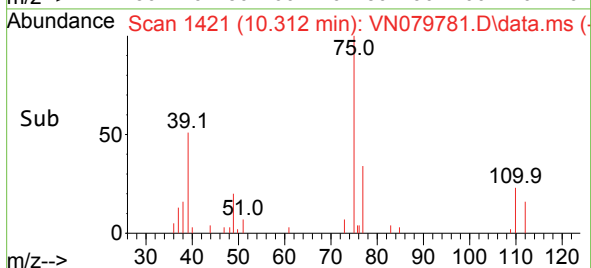
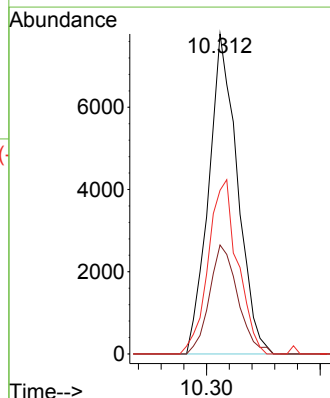
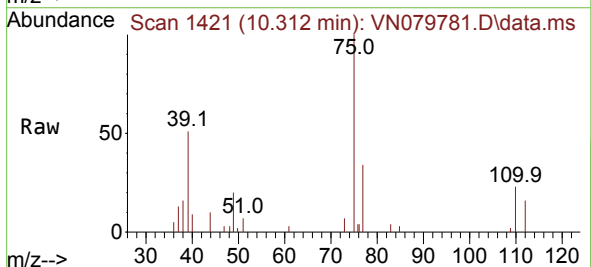
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

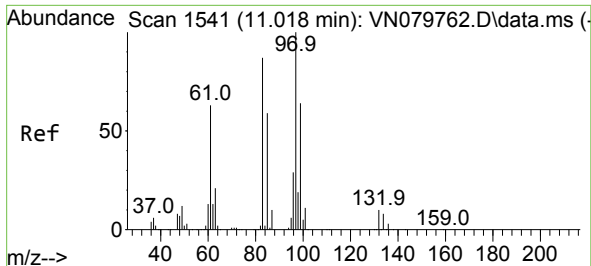
Tgt Ion: 75 Resp: 12850
 Ion Ratio Lower Upper
 75 100
 77 28.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 2.330 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

Tgt Ion: 75 Resp: 13671
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.1 39.1
 39 51.1 31.6 47.4#

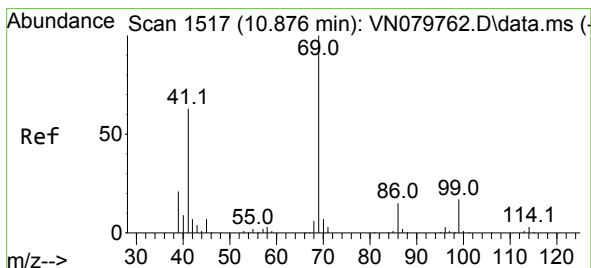
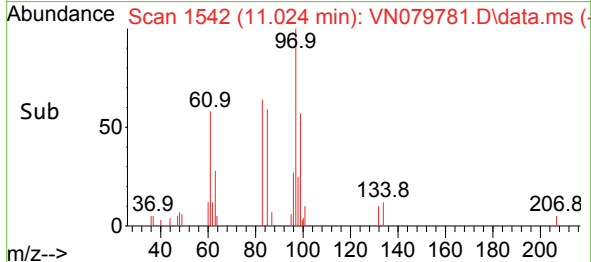
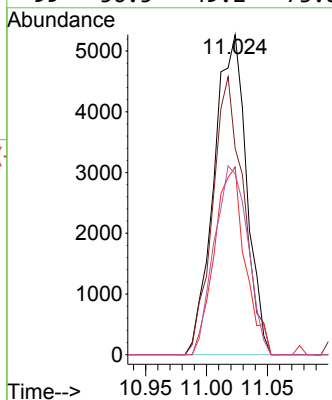
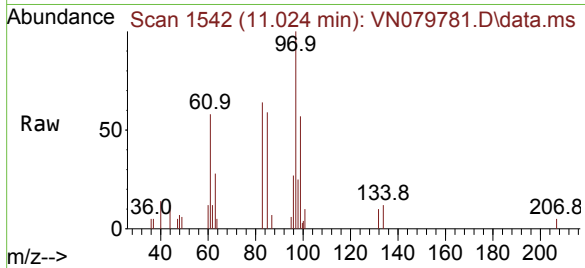




#55
1,1,2-Trichloroethane
Concen: 2.790 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

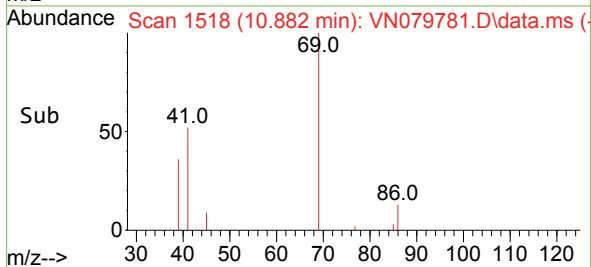
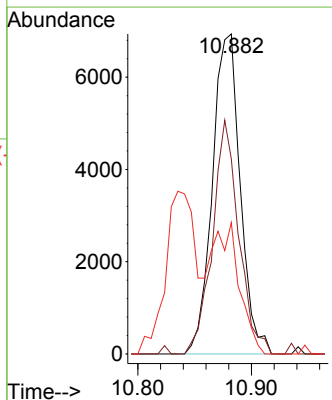
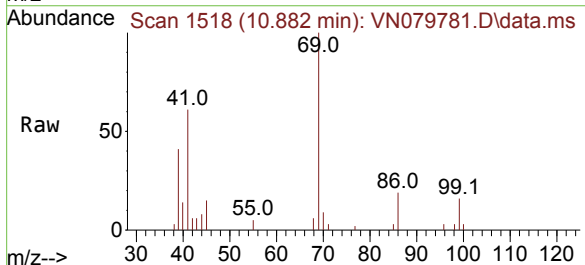
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

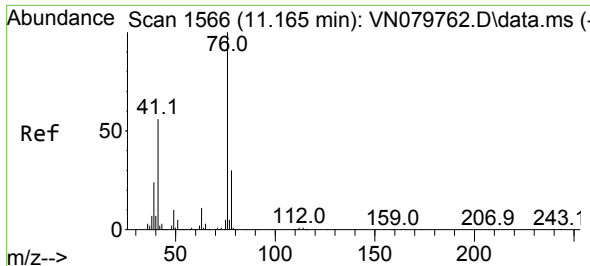
Tgt Ion:	97	Resp:	9816
Ion	Ratio	Lower	Upper
97	100		
83	64.4	65.1	97.7#
85	58.6	43.4	65.2
99	56.5	49.2	73.8



#56
Ethyl methacrylate
Concen: 2.357 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion:	69	Resp:	11827
Ion	Ratio	Lower	Upper
69	100		
41	68.9	39.6	59.4#
39	39.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 2.486 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

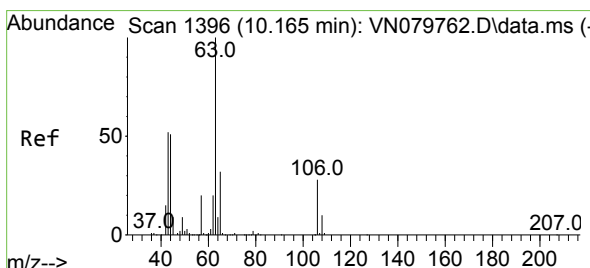
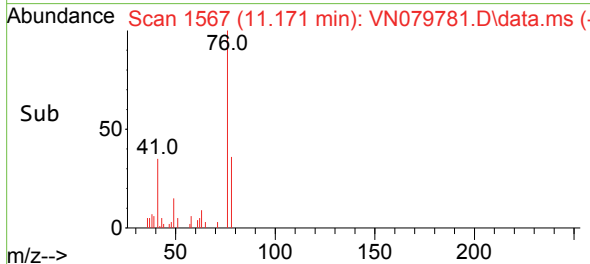
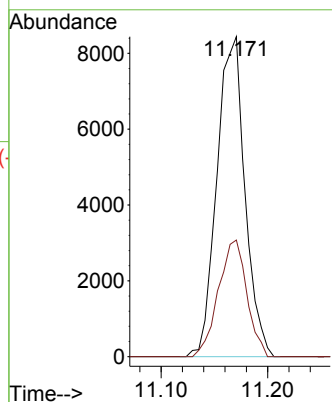
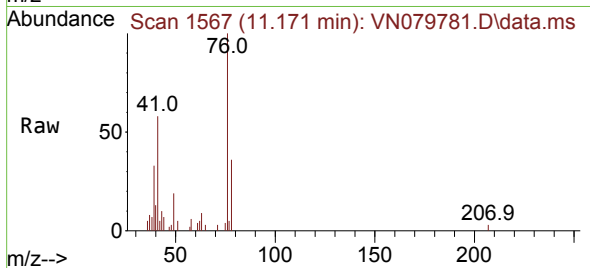
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 76 Resp: 15416

Ion Ratio Lower Upper

76 100

78 37.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 10.203 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079781.D

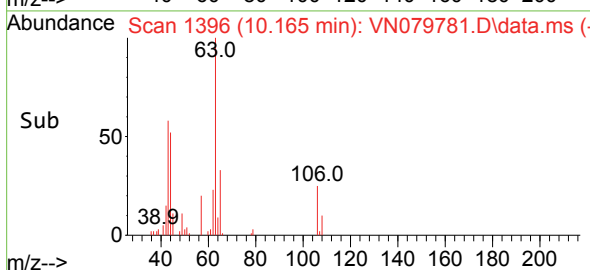
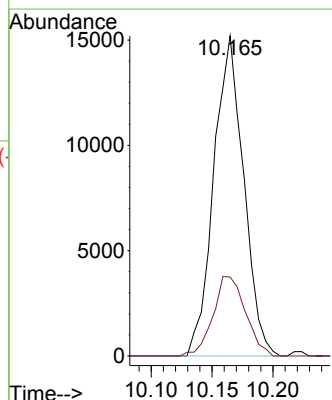
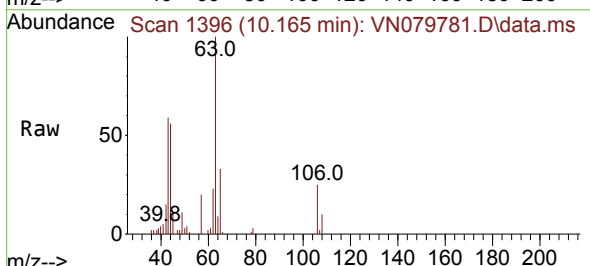
Acq: 01 Nov 2023 19:06

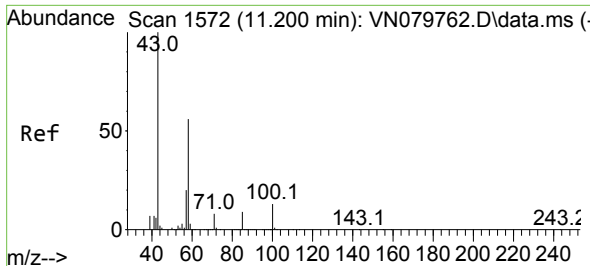
Tgt Ion: 63 Resp: 25952

Ion Ratio Lower Upper

63 100

106 26.9 26.2 39.4

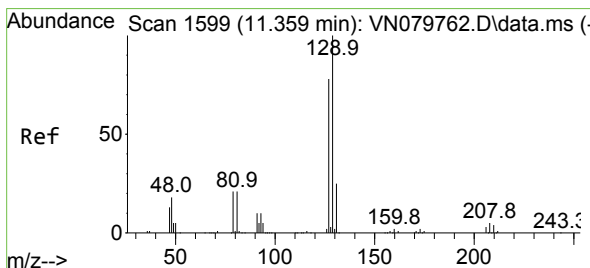
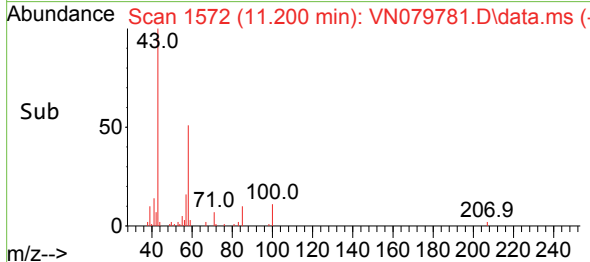
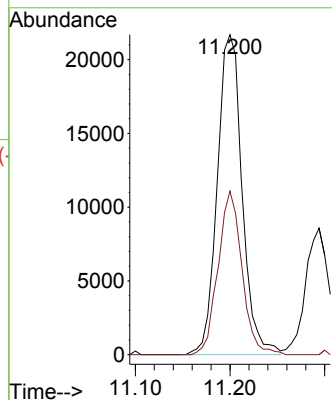
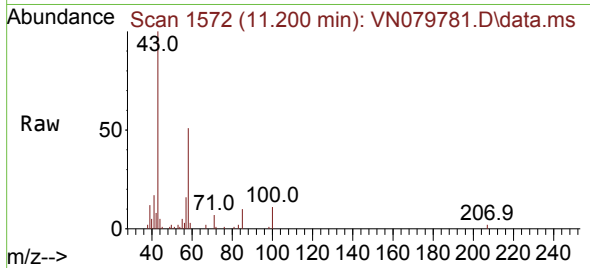




#59
2-Hexanone
Concen: 11.600 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

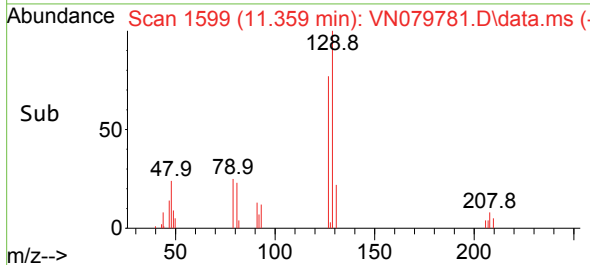
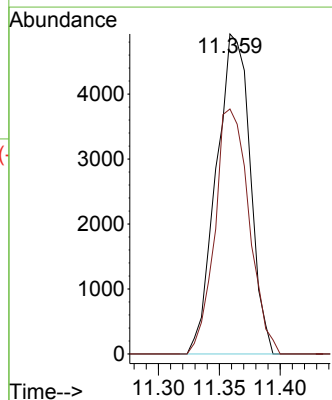
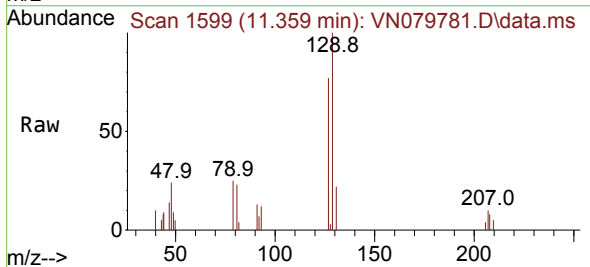
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

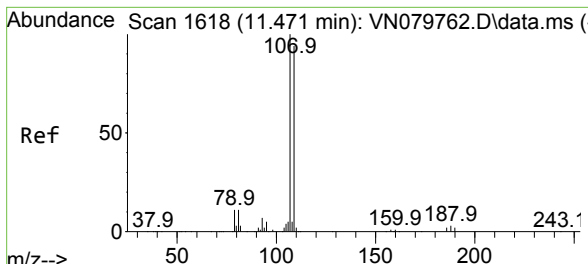
Tgt Ion: 43 Resp: 39583
Ion Ratio Lower Upper
43 100
58 49.2 31.7 95.1



#60
Dibromochloromethane
Concen: 2.528 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 129 Resp: 9522
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

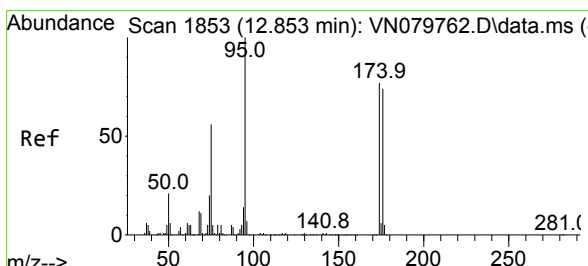
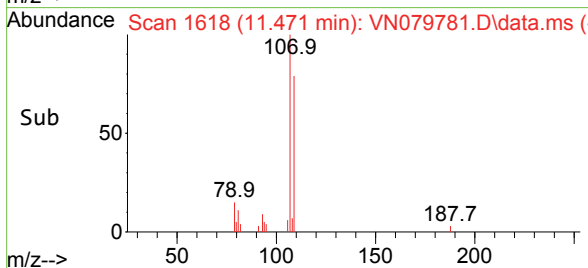
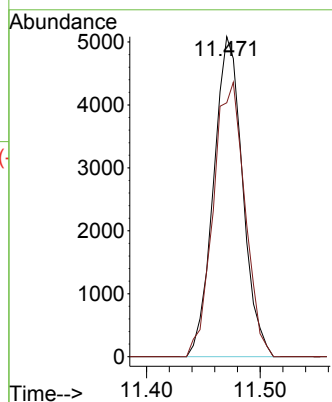
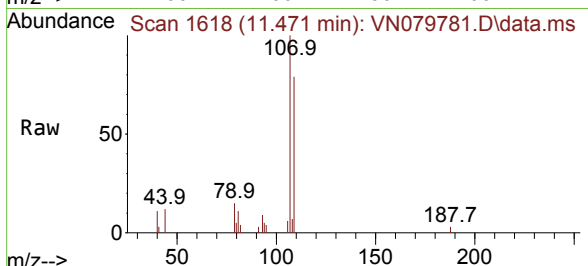




#61
 1,2-Dibromoethane
 Concen: 2.557 ug/l
 RT: 11.471 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

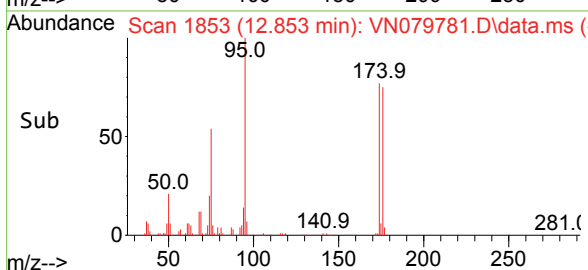
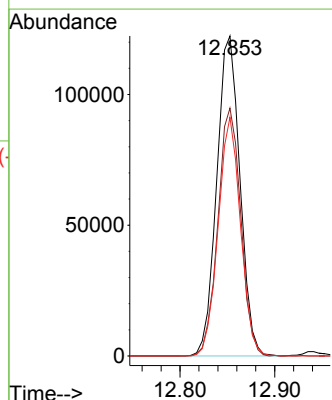
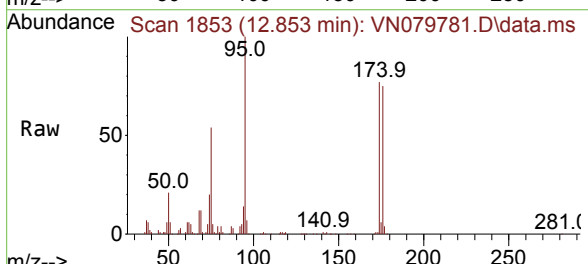
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

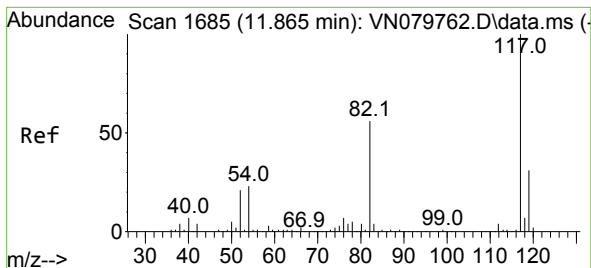
Tgt Ion:107 Resp: 9028
 Ion Ratio Lower Upper
 107 100
 109 93.2 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 49.483 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

Tgt Ion: 95 Resp: 208445
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 143.8
 176 71.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

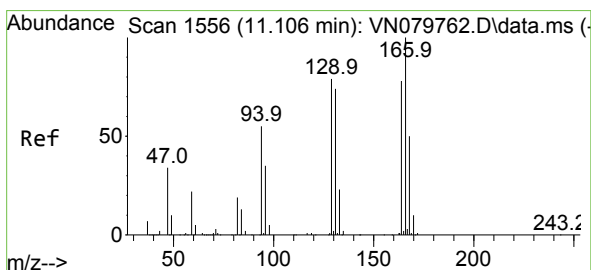
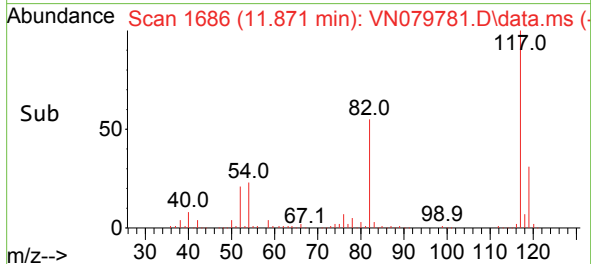
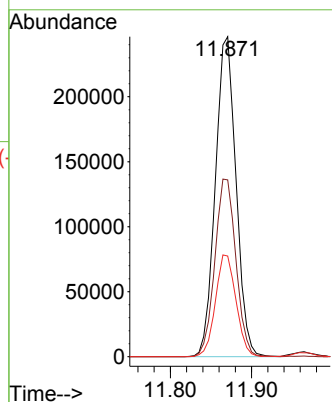
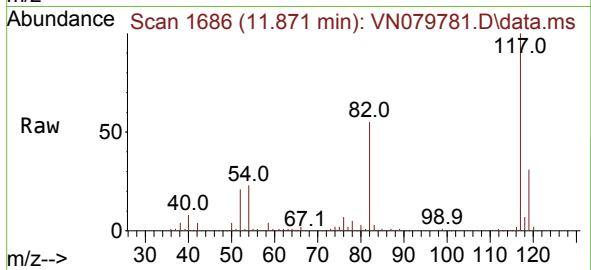
Tgt Ion:117 Resp: 435971

Ion Ratio Lower Upper

117 100

82 55.2 44.0 66.0

119 31.5 25.6 38.4



#64

Tetrachloroethene

Concen: 3.043 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Tgt Ion:164 Resp: 8591

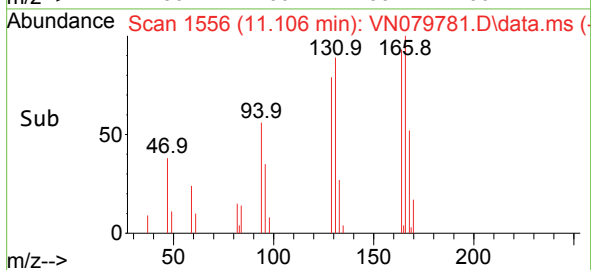
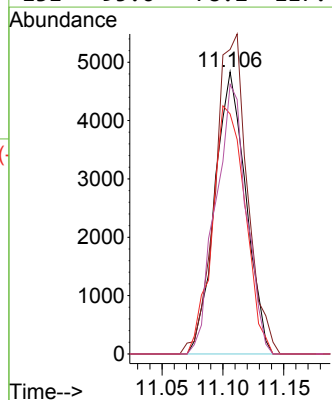
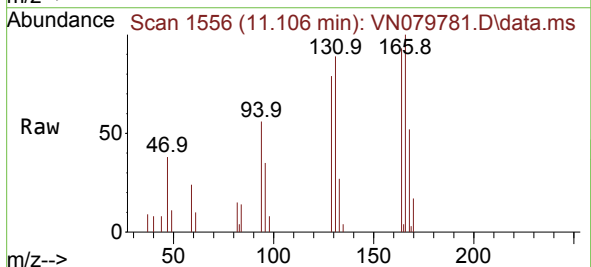
Ion Ratio Lower Upper

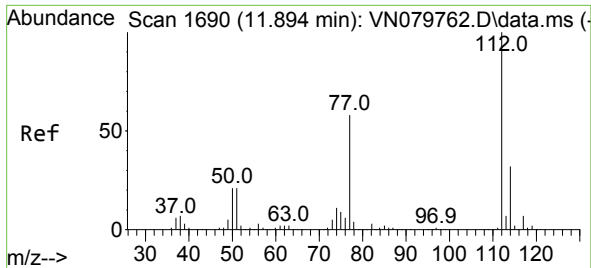
164 100

166 107.9 101.4 152.0

129 85.1 82.4 123.6

131 95.6 78.2 117.4

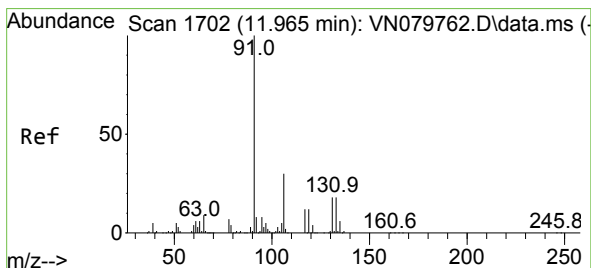
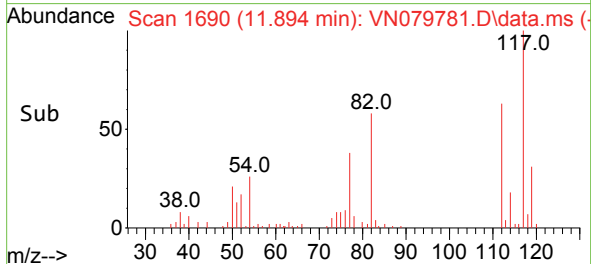
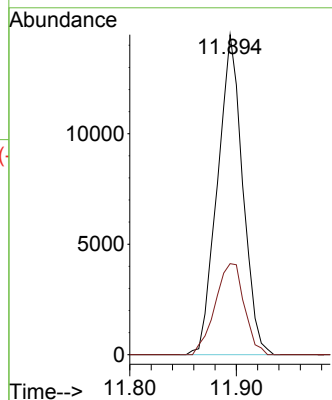
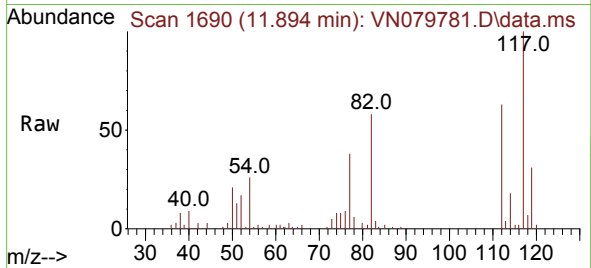




#65
Chlorobenzene
Concen: 2.515 ug/l
RT: 11.894 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

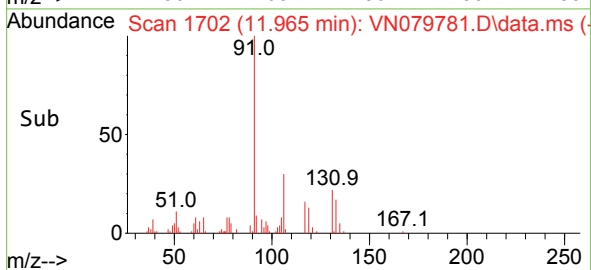
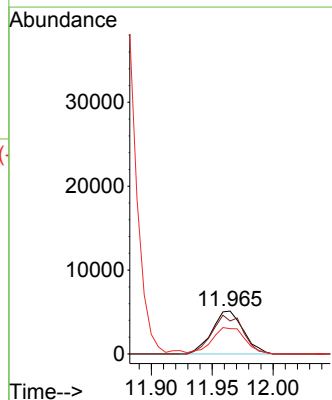
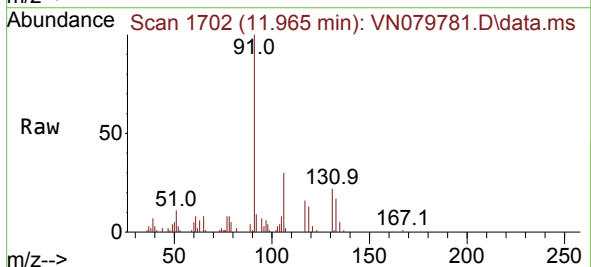
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

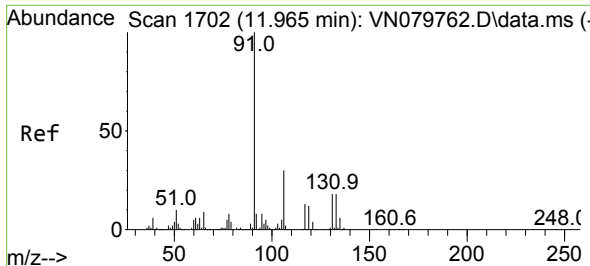
Tgt Ion:112 Resp: 23782
Ion Ratio Lower Upper
112 100
114 28.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.701 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion:131 Resp: 9203
Ion Ratio Lower Upper
131 100
133 89.1 46.4 139.1
119 64.4 34.1 102.2

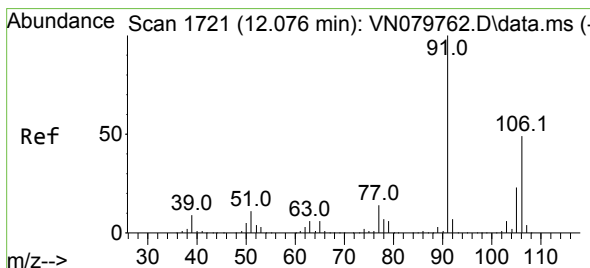
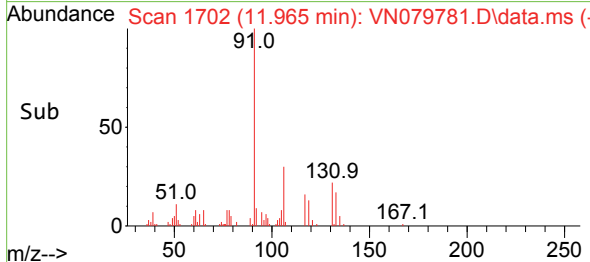
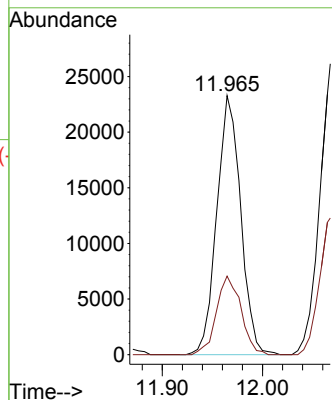
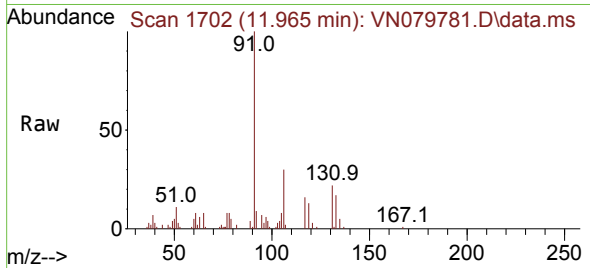




#67
Ethyl Benzene
Concen: 2.340 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

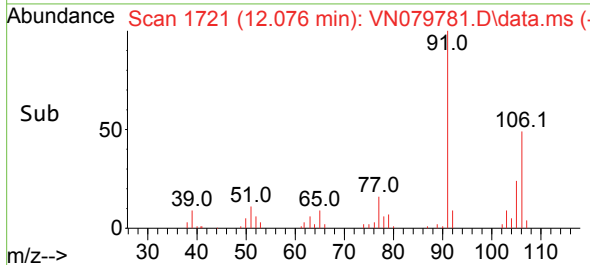
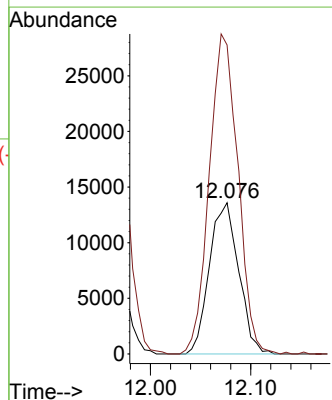
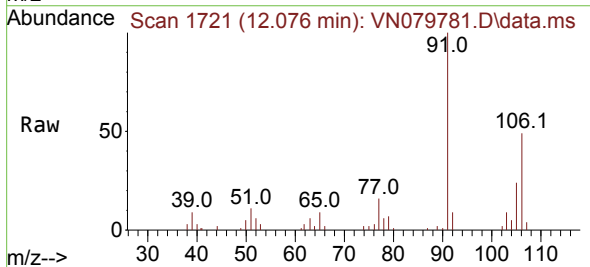
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

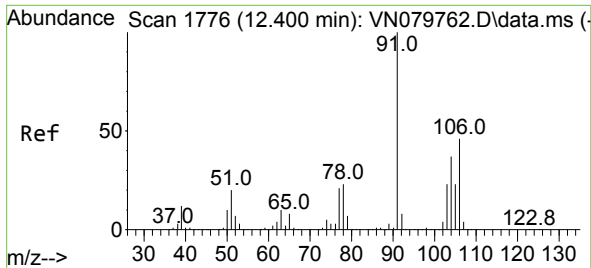
Tgt Ion: 91 Resp: 38558
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4



#68
m/p-Xylenes
Concen: 4.490 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion:106 Resp: 27559
Ion Ratio Lower Upper
106 100
91 207.6 159.6 239.4

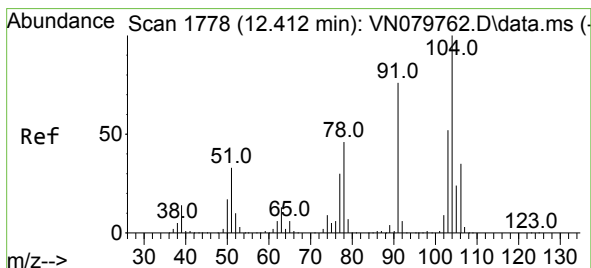
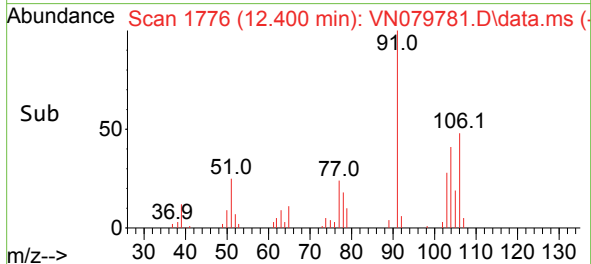
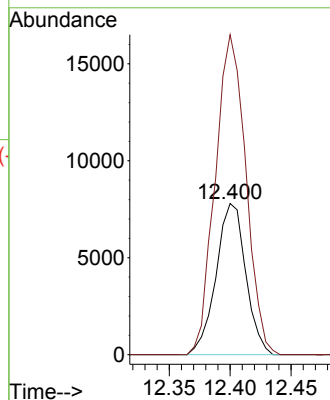
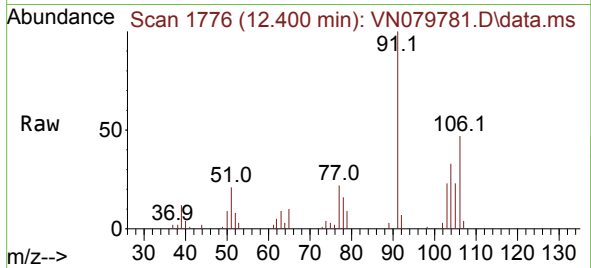




#69
o-Xylene
Concen: 2.239 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

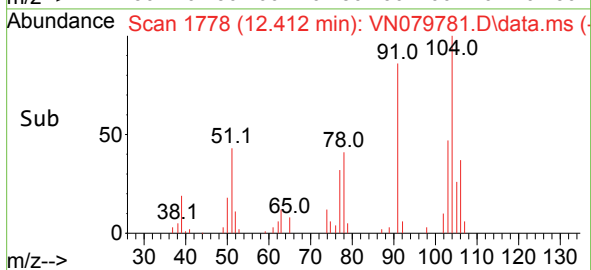
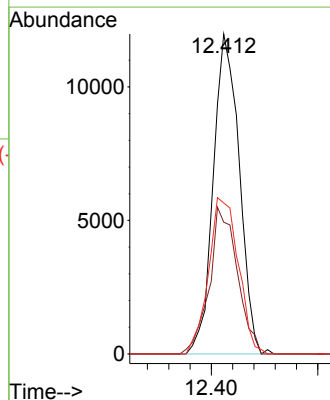
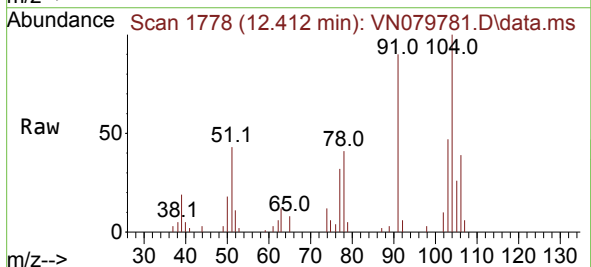
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

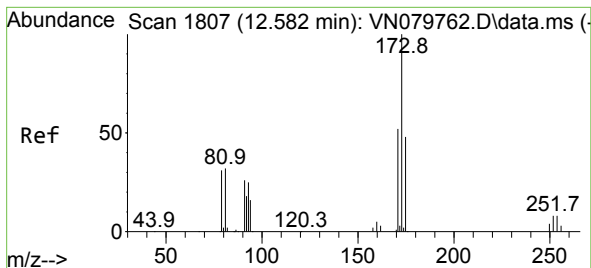
Tgt Ion:106 Resp: 13235
Ion Ratio Lower Upper
106 100
91 218.8 105.2 315.5



#70
Styrene
Concen: 2.132 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion:104 Resp: 20254
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 2.754 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

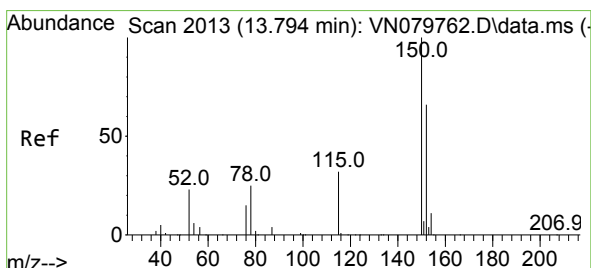
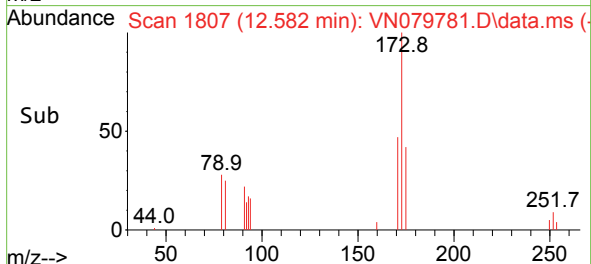
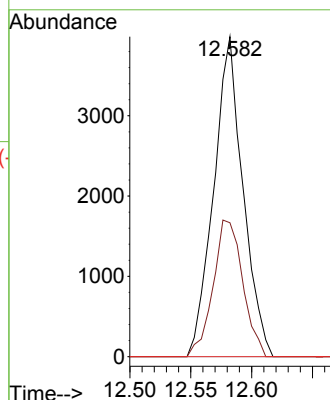
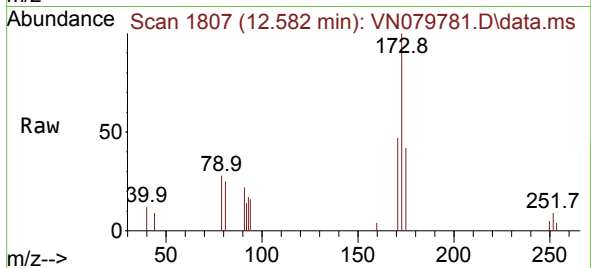
Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:173	Resp:	6664
Ion Ratio	Lower	Upper
173	100	
175	43.2	24.3 73.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

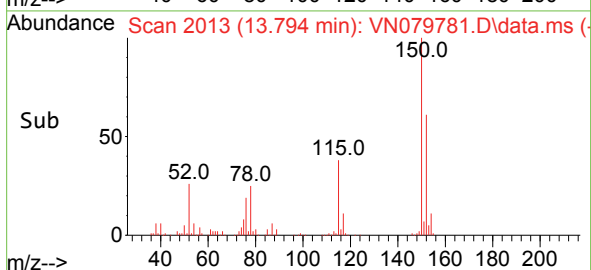
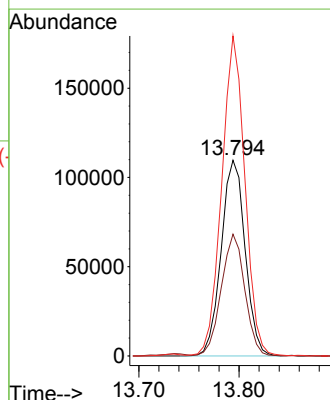
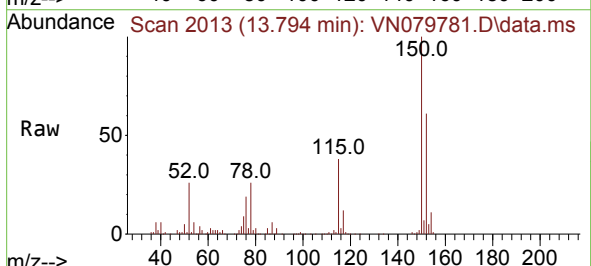
RT: 13.794 min Scan# 2013

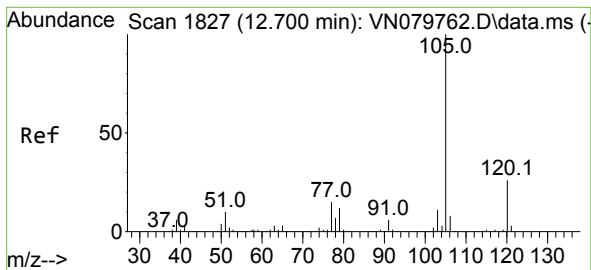
Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Tgt Ion:152	Resp:	181899
Ion Ratio	Lower	Upper
152	100	
115	61.1	32.3 96.8
150	157.7	0.0 355.8





#73

Isopropylbenzene

Concen: 2.208 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

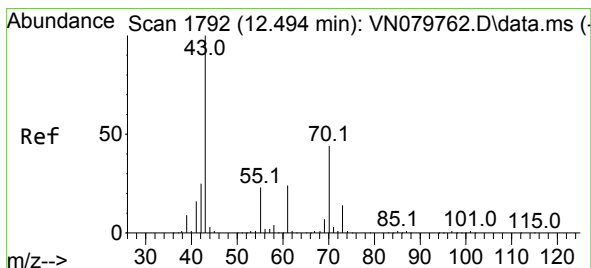
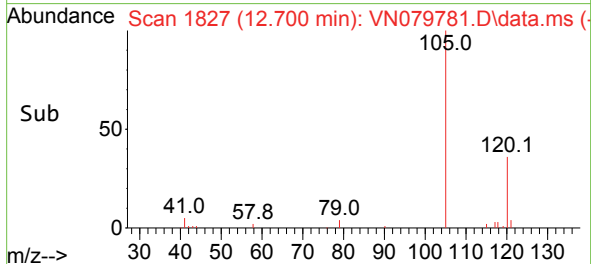
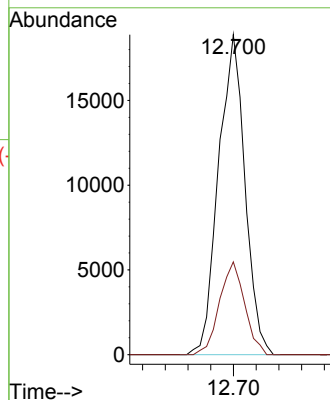
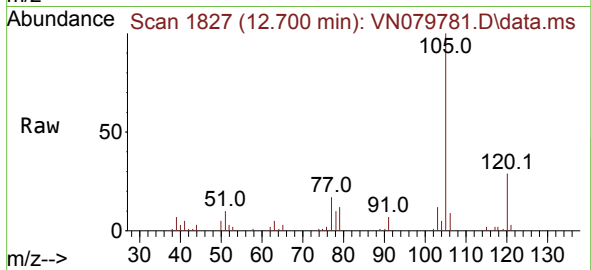
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:105 Resp: 30479

Ion Ratio Lower Upper

105 100

120 27.6 13.1 39.1



#74

N-ethyl acetate

Concen: 2.281 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Tgt Ion: 43 Resp: 13747

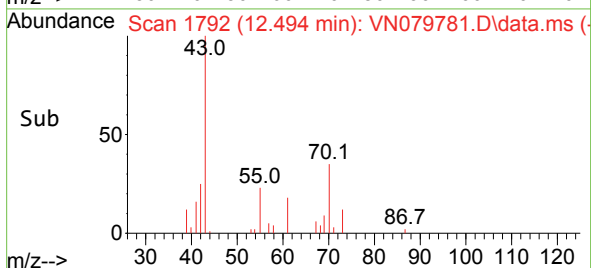
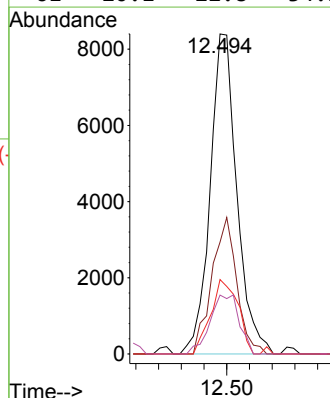
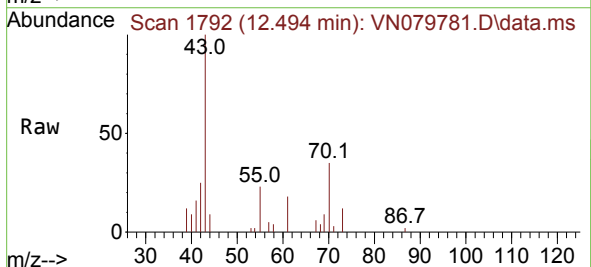
Ion Ratio Lower Upper

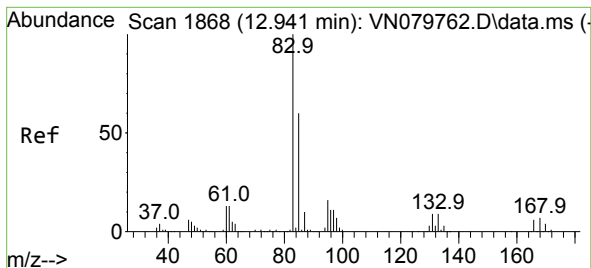
43 100

70 39.8 43.4 65.2#

55 23.7 21.4 32.0

61 20.1 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.784 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

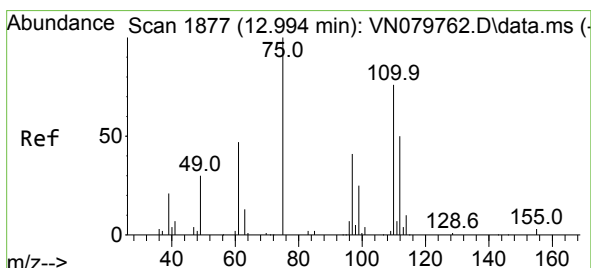
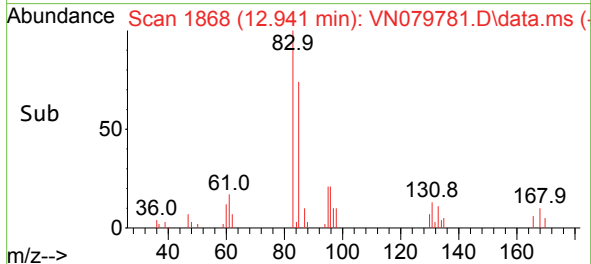
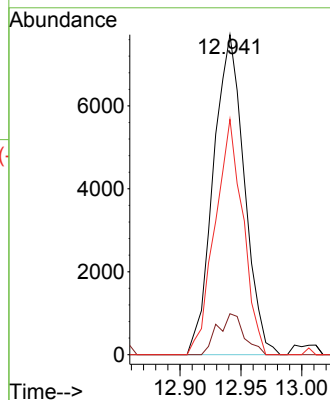
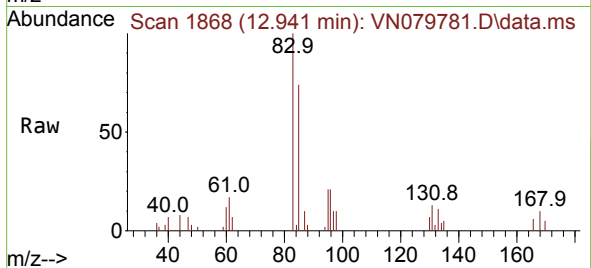
Tgt Ion: 83 Resp: 13628

Ion Ratio Lower Upper

83 100

131 11.0 5.0 15.0

85 66.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 3.840 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079781.D

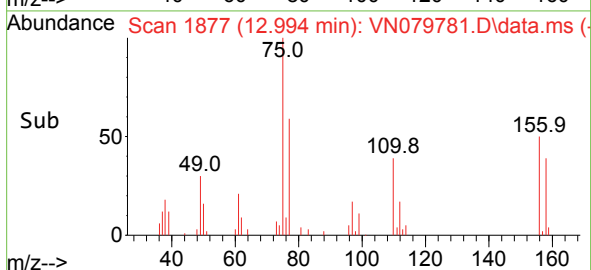
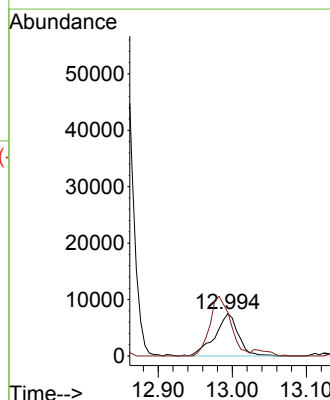
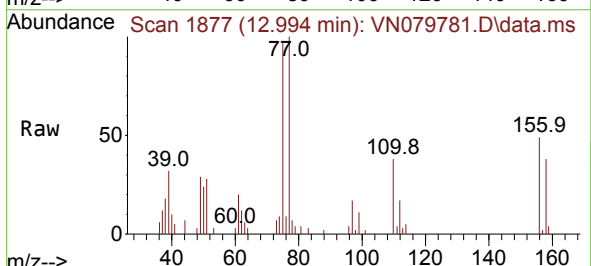
Acq: 01 Nov 2023 19:06

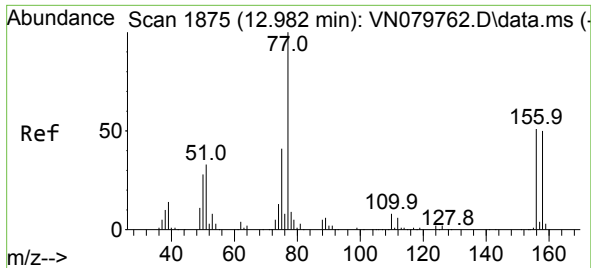
Tgt Ion: 75 Resp: 16399

Ion Ratio Lower Upper

75 100

77 126.3 84.5 253.5

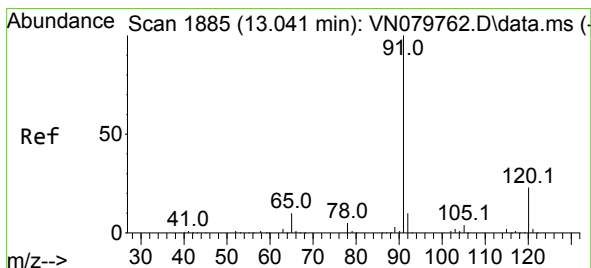
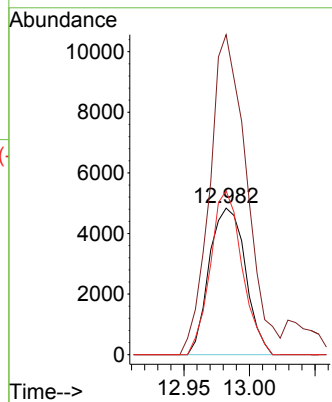
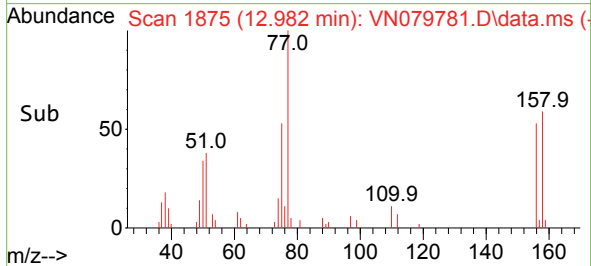
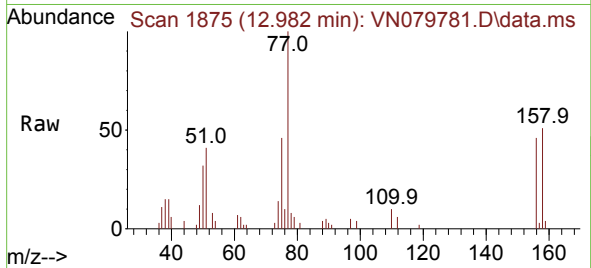




#77
Bromobenzene
Concen: 2.741 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

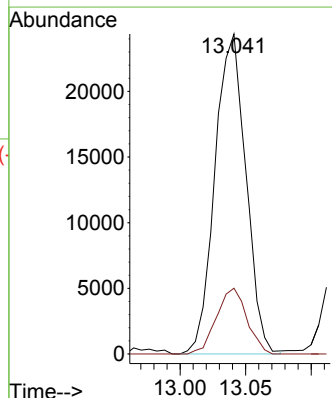
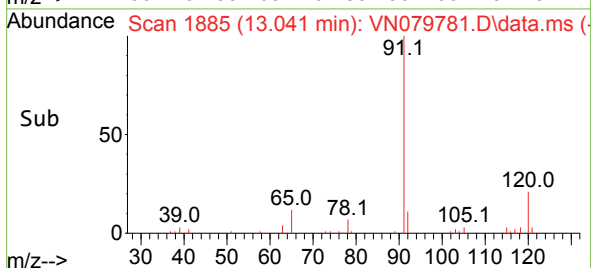
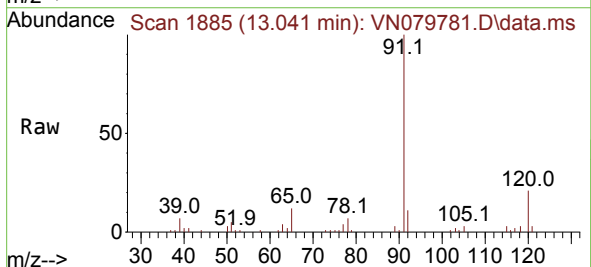
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

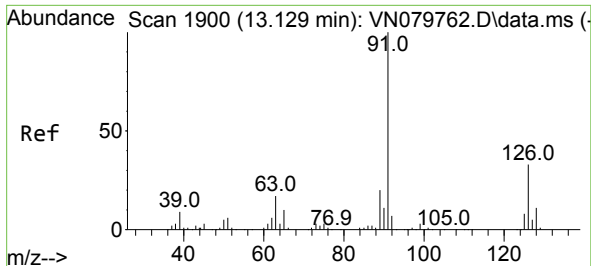
Tgt Ion:156 Resp: 9265
Ion Ratio Lower Upper
156 100
77 223.5 107.7 323.3
158 98.7 48.4 145.3



#78
n-propylbenzene
Concen: 2.533 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 91 Resp: 40049
Ion Ratio Lower Upper
91 100
120 20.1 11.5 34.4

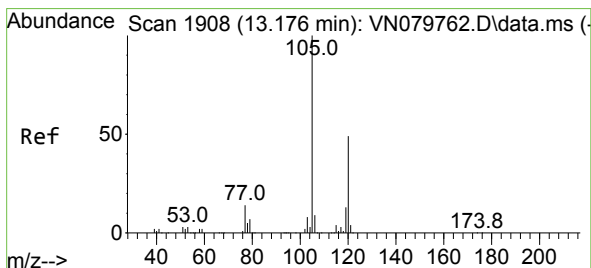
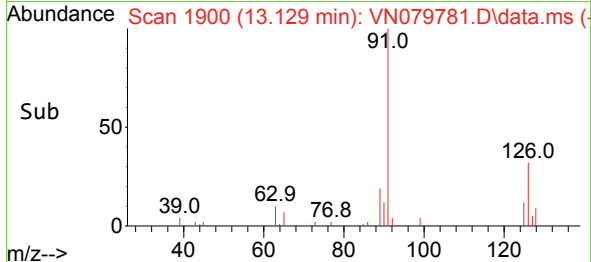
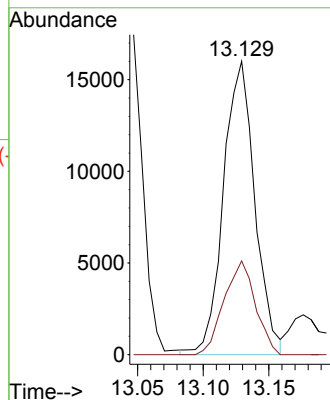
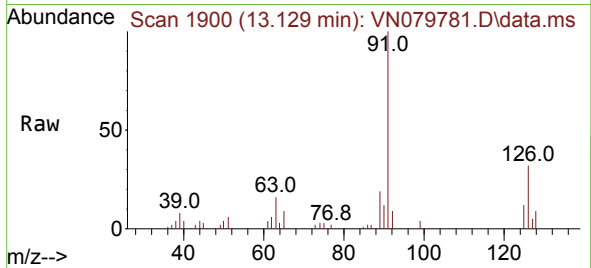




#79
2-Chlorotoluene
Concen: 2.641 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

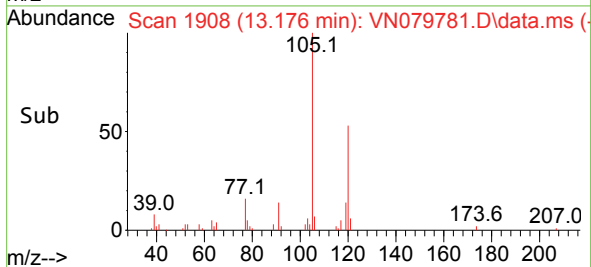
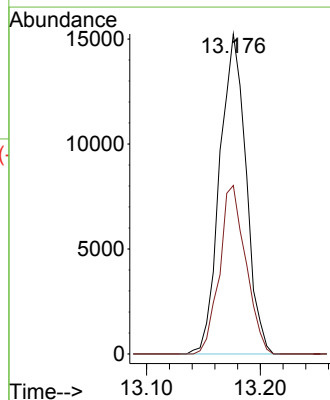
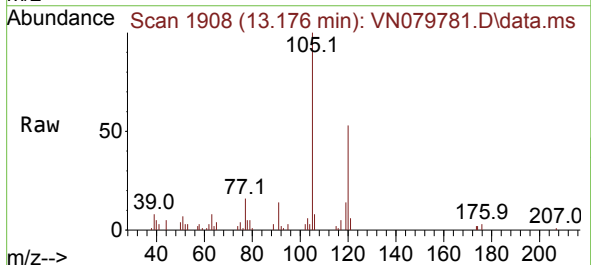
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

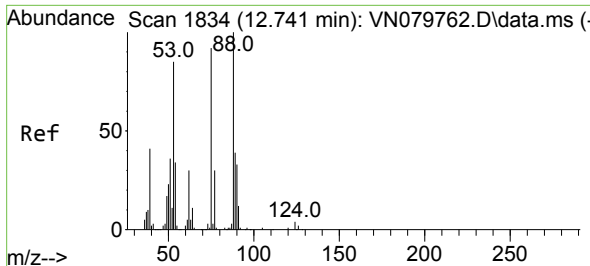
Tgt Ion: 91 Resp: 26667
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 2.278 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 105 Resp: 24469
Ion Ratio Lower Upper
105 100
120 52.6 24.1 72.3

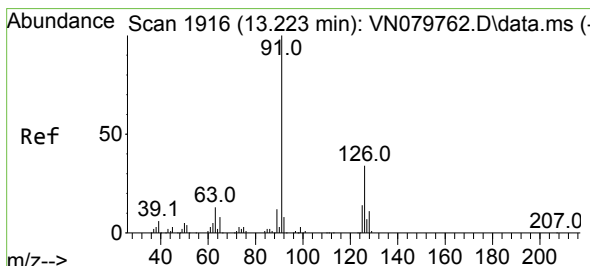
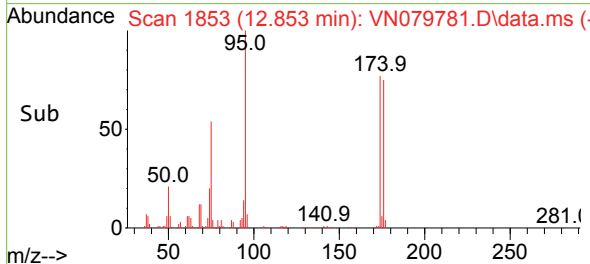
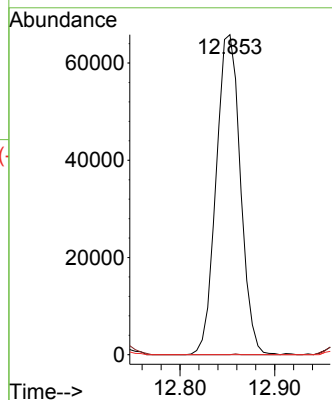
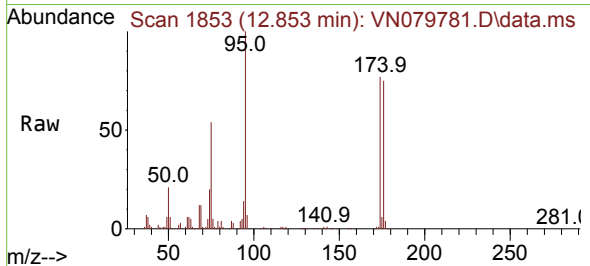




#81
trans-1,4-Dichloro-2-butene
Concen: 74.744 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

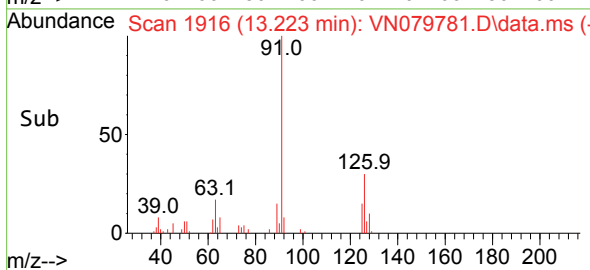
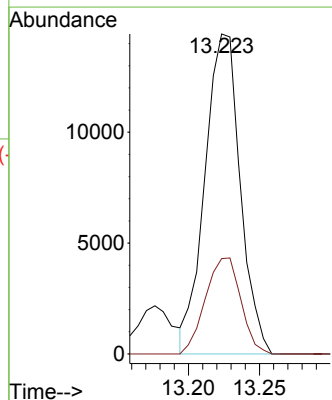
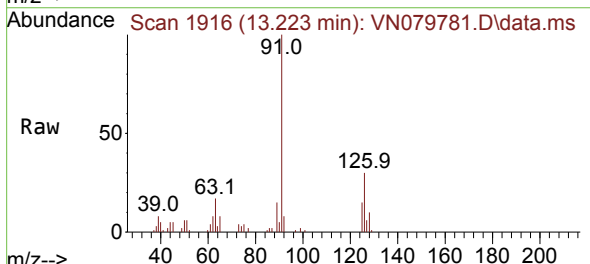
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

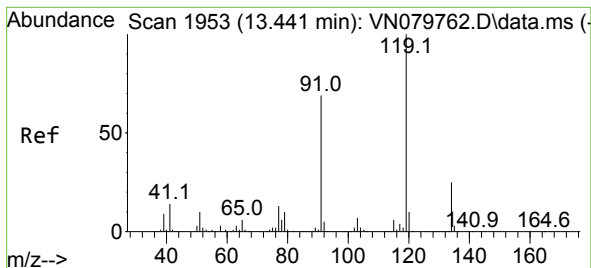
Tgt Ion: 75 Resp: 117317
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 2.491 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion: 91 Resp: 24996
Ion Ratio Lower Upper
91 100
126 30.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 2.289 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

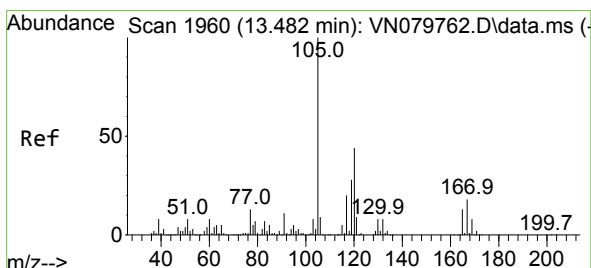
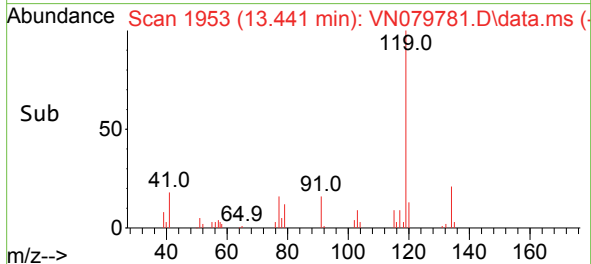
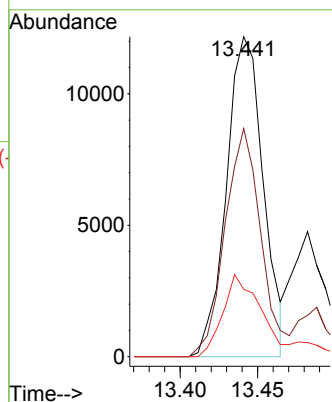
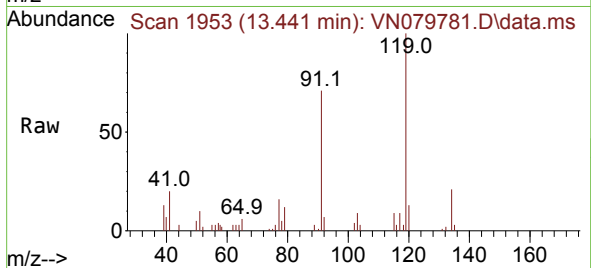
Tgt Ion:119 Resp: 20121

Ion Ratio Lower Upper

119 100

91 69.6 33.9 101.7

134 26.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 2.304 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079781.D

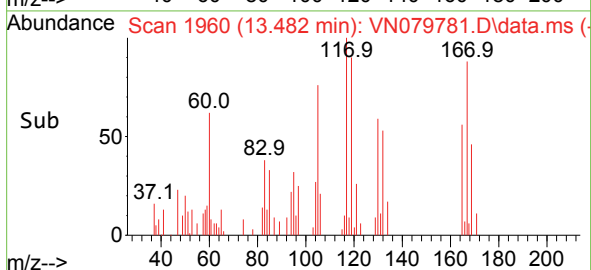
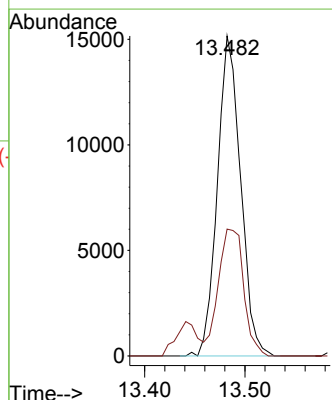
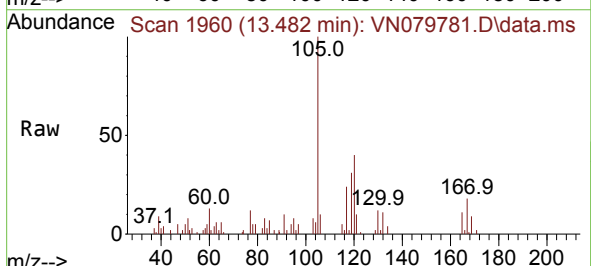
Acq: 01 Nov 2023 19:06

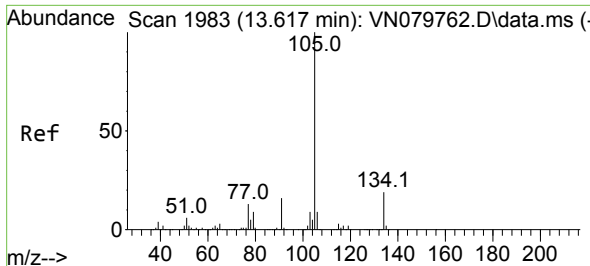
Tgt Ion:105 Resp: 24347

Ion Ratio Lower Upper

105 100

120 43.3 22.0 66.0

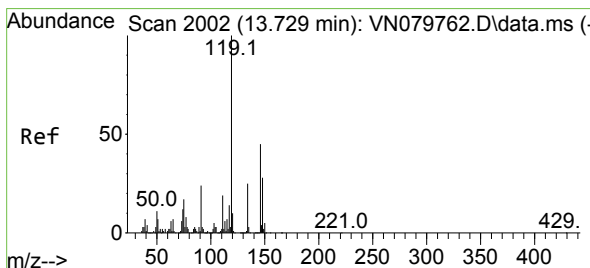
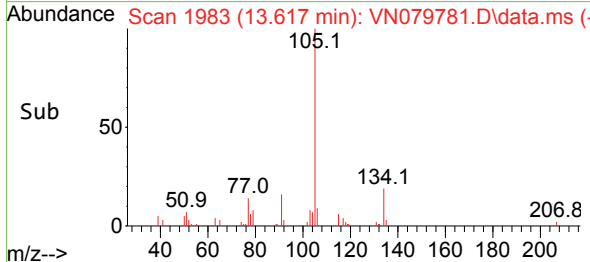
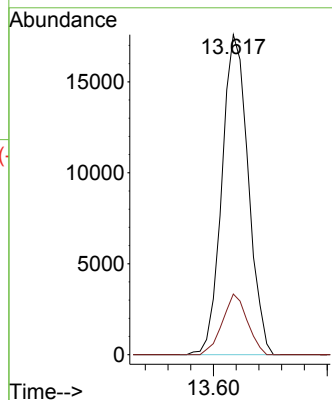
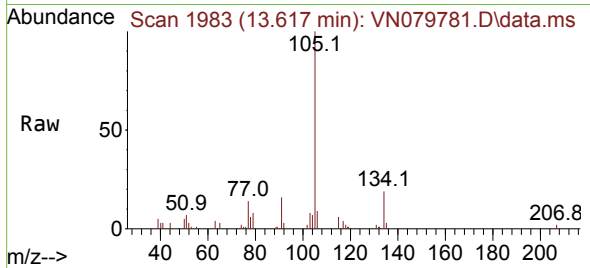




#85
 sec-Butylbenzene
 Concen: 2.324 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

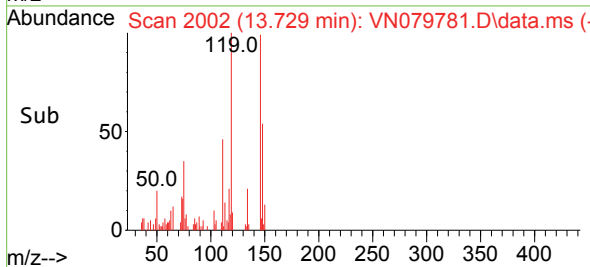
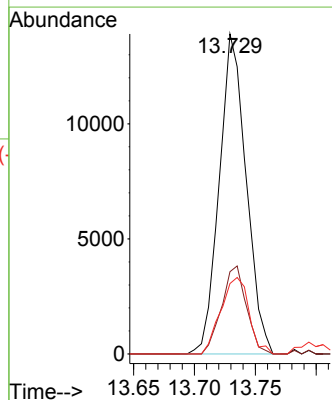
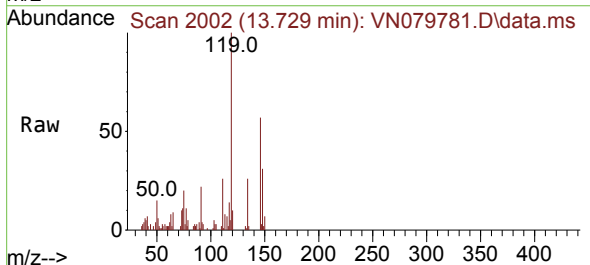
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

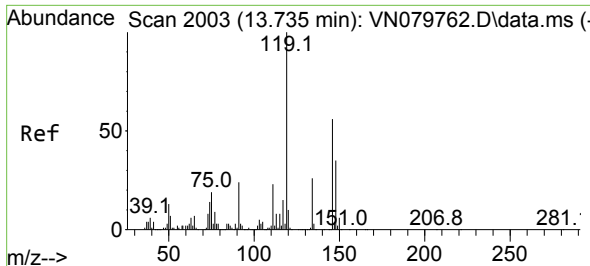
Tgt Ion:105 Resp: 28302
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 2.153 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

Tgt Ion:119 Resp: 21382
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 25.0 12.4 37.2

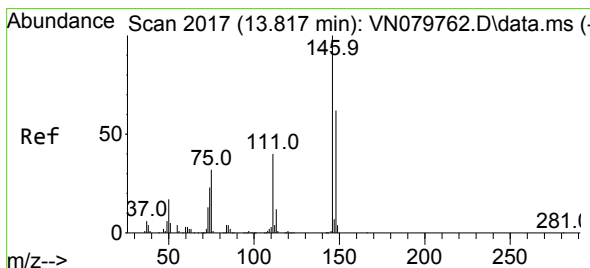
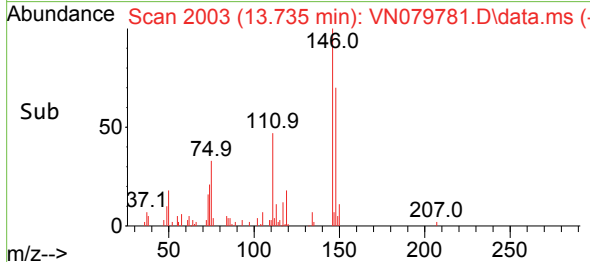
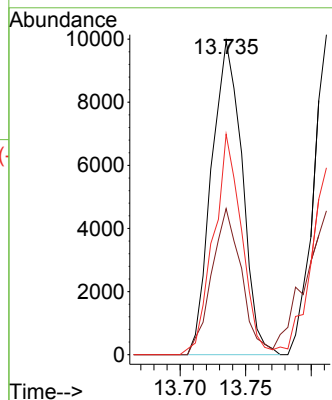
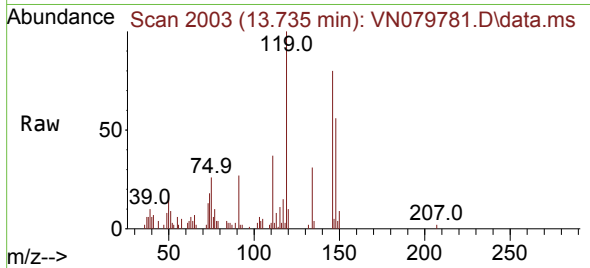




#87
 1,3-Dichlorobenzene
 Concen: 2.571 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

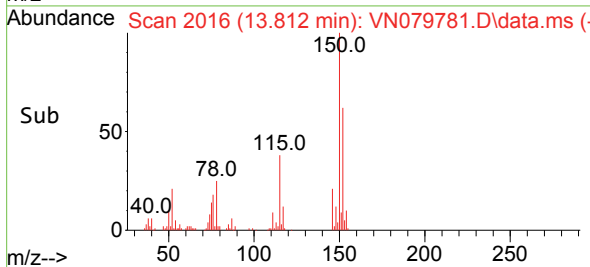
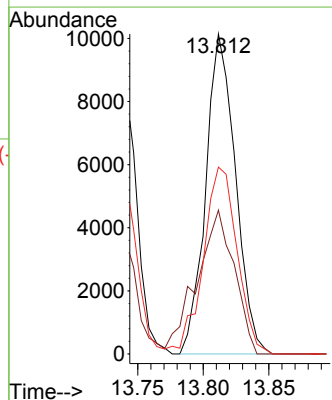
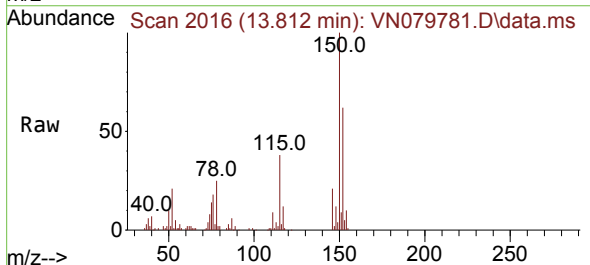
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

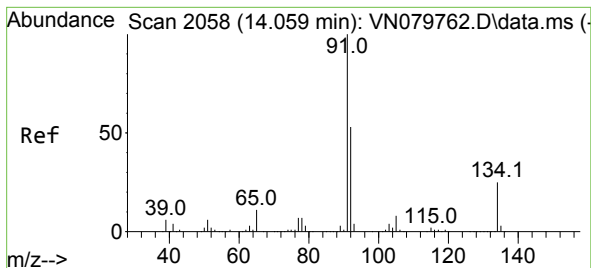
Tgt Ion:146 Resp: 16167
 Ion Ratio Lower Upper
 146 100
 111 45.3 22.1 66.3
 148 64.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 2.513 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

Tgt Ion:146 Resp: 16037
 Ion Ratio Lower Upper
 146 100
 111 56.3 20.6 61.8
 148 66.4 31.6 94.8





#89

n-Butylbenzene

Concen: 2.103 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

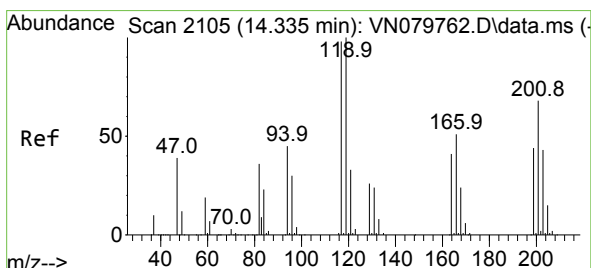
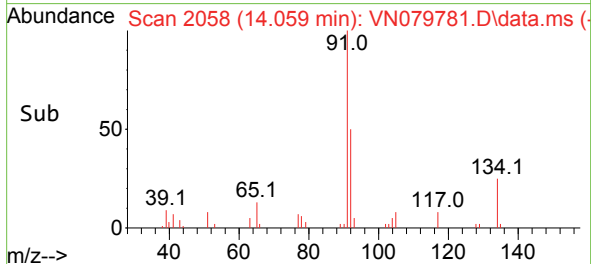
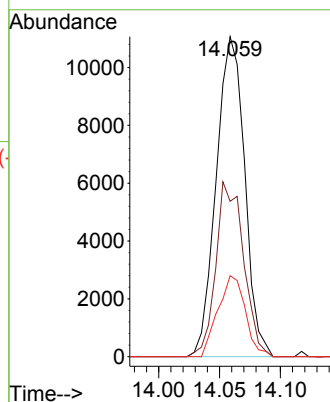
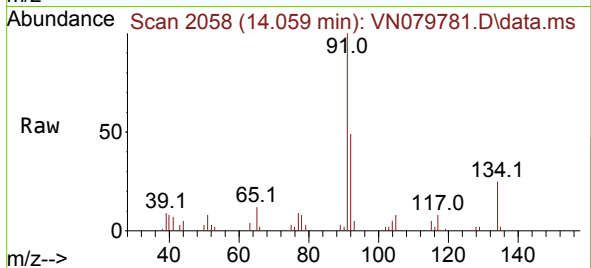
Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:	91	Resp:	17991
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.0
134	24.3	12.6	37.6



#90

Hexachloroethane

Concen: 2.751 ug/l

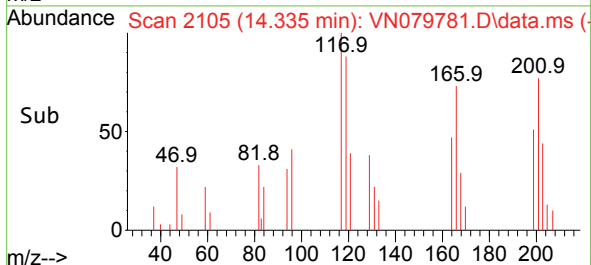
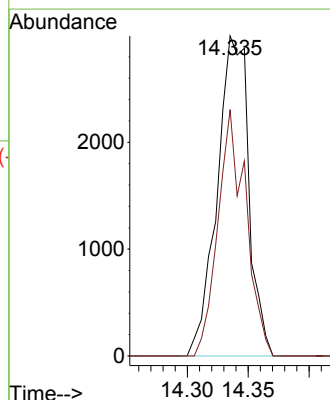
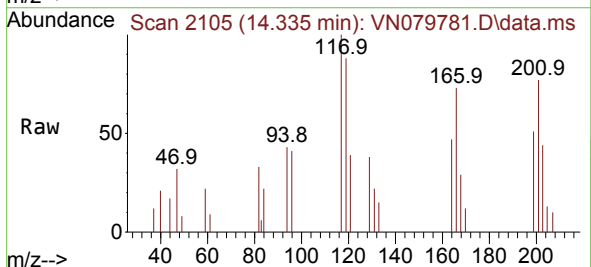
RT: 14.335 min Scan# 2105

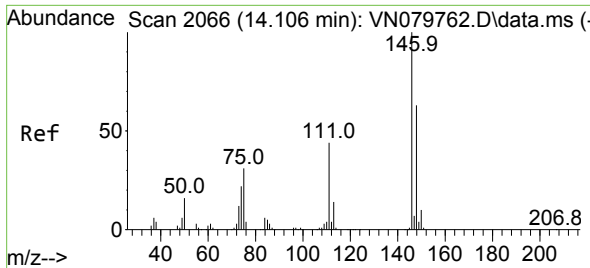
Delta R.T. 0.000 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Tgt Ion:	117	Resp:	5411
Ion	Ratio	Lower	Upper
117	100		
201	67.9	29.3	88.0

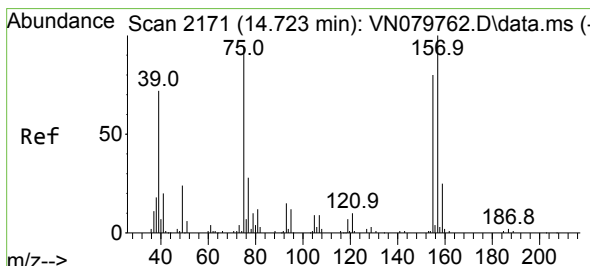
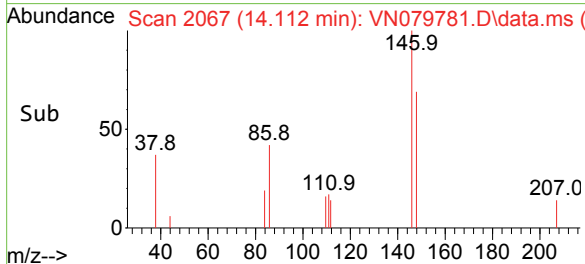
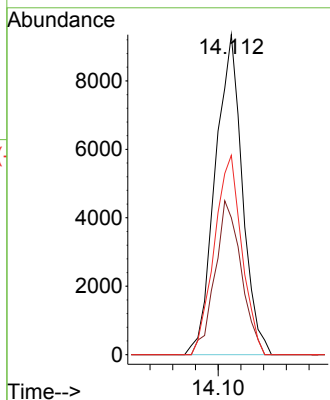
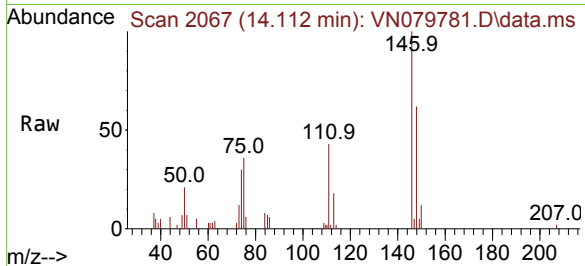




#91
1,2-Dichlorobenzene
Concen: 2.607 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

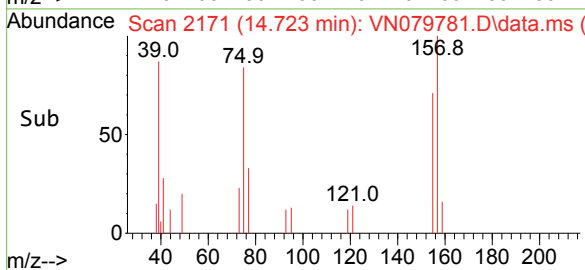
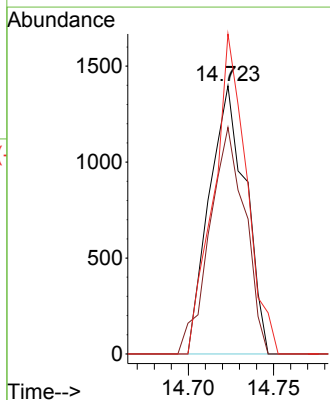
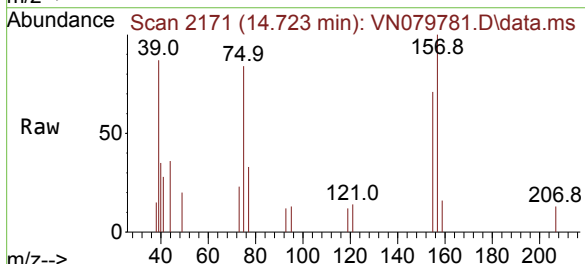
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

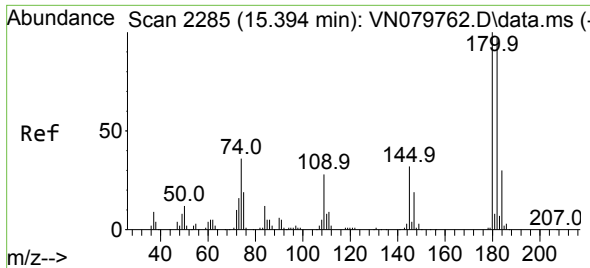
Tgt Ion:	146	Resp:	15475
Ion	Ratio	Lower	Upper
146	100		
111	46.8	22.0	66.0
148	63.1	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.491 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079781.D
Acq: 01 Nov 2023 19:06

Tgt Ion:	75	Resp:	2068
Ion	Ratio	Lower	Upper
75	100		
155	82.6	39.1	117.2
157	108.1	50.3	150.9

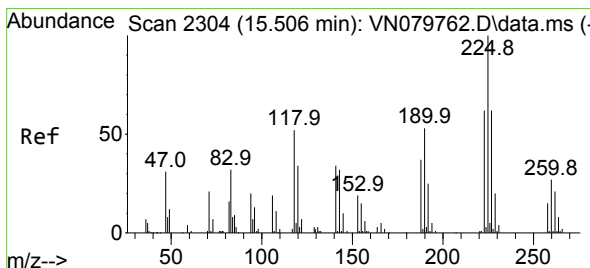
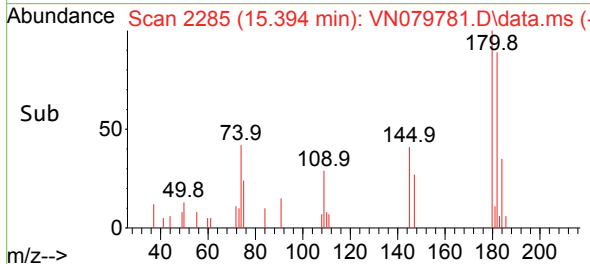
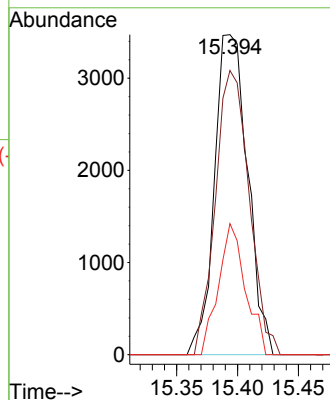
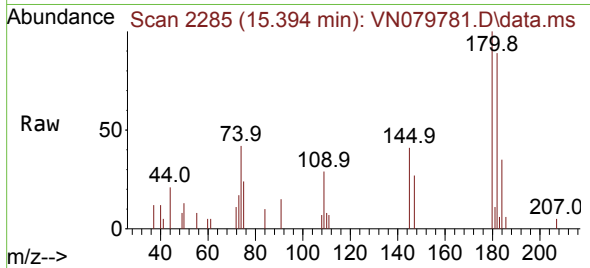




#93
 1,2,4-Trichlorobenzene
 Concen: 2.332 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

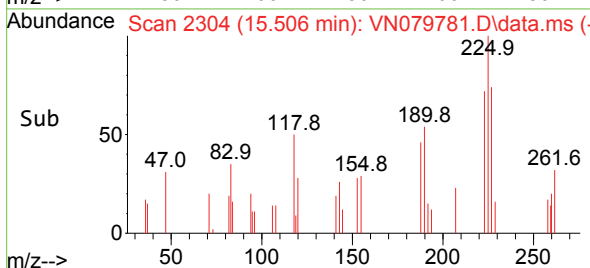
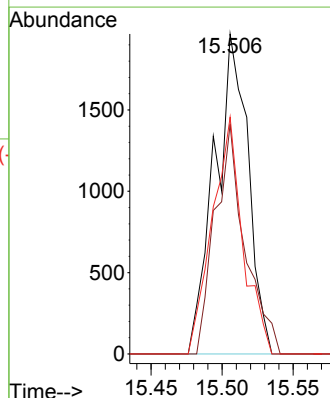
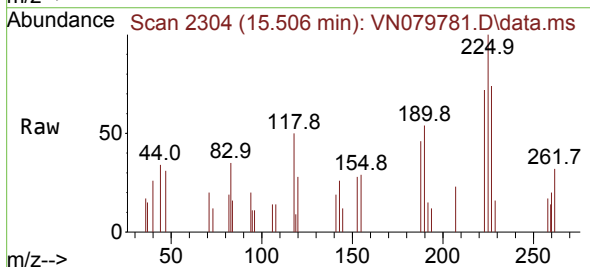
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

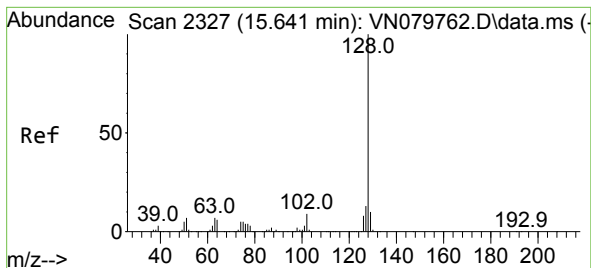
Tgt Ion:180 Resp: 6580
 Ion Ratio Lower Upper
 180 100
 182 90.3 46.1 138.2
 145 33.4 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 2.507 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN079781.D
 Acq: 01 Nov 2023 19:06

Tgt Ion:225 Resp: 3207
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.3 93.8
 227 67.9 31.9 95.9





#95

Naphthalene

Concen: 1.887 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

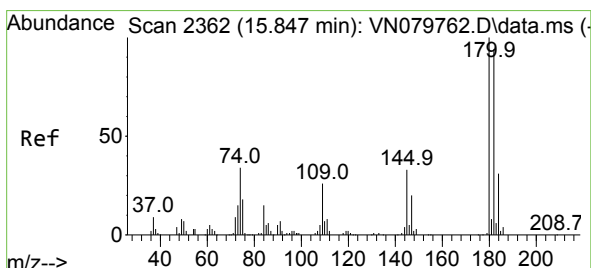
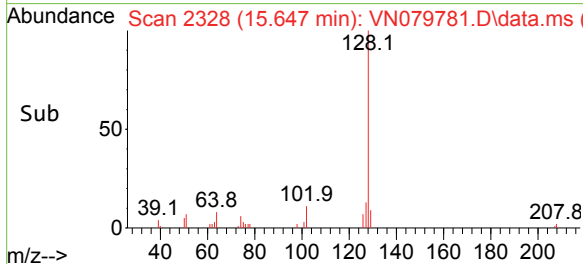
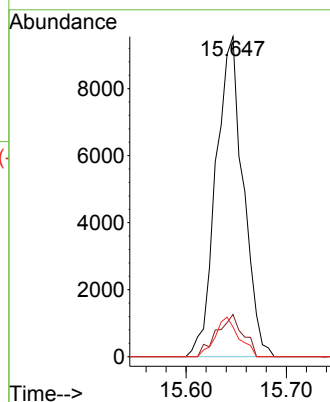
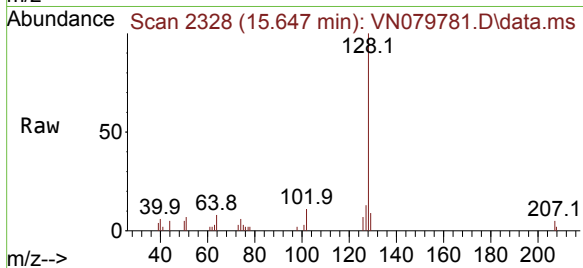
Tgt Ion:128 Resp: 18062

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.050 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079781.D

Acq: 01 Nov 2023 19:06

Tgt Ion:180 Resp: 5672

Ion Ratio Lower Upper

180 100

182 105.6 46.2 138.6

145 36.2 17.5 52.6

