

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079793.D
 Acq On : 02 Nov 2023 13:36
 Operator : JC\MD
 Sample : 04699-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Nov 03 03:59:45 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	8.230	168	294820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	540529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	465578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	241269	53.715	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.420%	
35) Dibromofluoromethane	8.171	113	187077	48.901	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.800%	
50) Toluene-d8	10.571	98	656907	46.643	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.280%	
62) 4-Bromofluorobenzene	12.853	95	188702	40.400	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 80.800%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	3576	1.007	ug/l	86
3) Chloromethane	2.359	50	6146	0.710	ug/l	99
4) Vinyl Chloride	2.512	62	4689	1.009	ug/l #	77
5) Bromomethane	2.954	94	4511	1.597	ug/l #	76
6) Chloroethane	3.124	64	4573	1.245	ug/l	97
7) Trichlorofluoromethane	3.501	101	6123	1.059	ug/l	97
8) Diethyl Ether	3.959	74	2263	1.031	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	1931	0.576	ug/l #	48
10) Methyl Iodide	4.595	142	4395	1.148	ug/l #	69
11) Tert butyl alcohol	5.506	59	3145	5.485	ug/l #	77
12) 1,1-Dichloroethene	4.342	96	3047	0.960	ug/l	96
13) Acrolein	4.177	56	2121	6.442	ug/l	96
14) Allyl chloride	5.024	41	4539	0.934	ug/l #	82
15) Acrylonitrile	5.730	53	7576	4.240	ug/l #	68
16) Acetone	4.430	43	8692	5.509	ug/l #	71
17) Carbon Disulfide	4.706	76	10054	1.098	ug/l	97
18) Methyl Acetate	5.036	43	7910	1.048	ug/l #	62
19) Methyl tert-butyl Ether	5.795	73	8960	0.820	ug/l	100
20) Methylene Chloride	5.271	84	3064	0.770	ug/l #	86
21) trans-1,2-Dichloroethene	5.783	96	3650	1.031	ug/l #	81
22) Diisopropyl ether	6.665	45	4797	0.426	ug/l #	57
23) Vinyl Acetate	6.612	43	23773	3.826	ug/l	96
24) 1,1-Dichloroethane	6.577	63	6672	0.975	ug/l #	94
25) 2-Butanone	7.489	43	11231	4.861	ug/l #	79
26) 2,2-Dichloropropane	7.483	77	5598	0.989	ug/l	94
27) cis-1,2-Dichloroethene	7.494	96	3806	0.899	ug/l	77
28) Bromochloromethane	7.818	49	3507	1.051	ug/l #	67
29) Tetrahydrofuran	7.847	42	6369	4.237	ug/l #	74
30) Chloroform	7.971	83	10242	1.377	ug/l	87
31) Cyclohexane	8.224	56	13495	2.274	ug/l #	34
32) 1,1,1-Trichloroethane	8.171	97	6232	1.028	ug/l #	48
36) 1,1-Dichloropropene	8.371	75	5078	0.930	ug/l	95
37) Ethyl Acetate	7.565	43	4454	0.889	ug/l #	67
38) Carbon Tetrachloride	8.359	117	5611	1.019	ug/l #	79
39) Methylcyclohexane	9.606	83	4497	0.875	ug/l #	86
40) Benzene	8.612	78	15427	0.943	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	2057	0.773	ug/l #	69
42) 1,2-Dichloroethane	8.671	62	6853	1.199	ug/l	100
43) Isopropyl Acetate	8.688	43	6981	0.795	ug/l #	81
44) Trichloroethene	9.347	130	3955	0.974	ug/l	79
45) 1,2-Dichloropropane	9.624	63	4183	1.000	ug/l	91
46) Dibromomethane	9.706	93	2680	0.939	ug/l	94
47) Bromodichloromethane	9.894	83	7397	1.215	ug/l	99
48) Methyl methacrylate	9.688	41	3464	0.900	ug/l #	67
49) 1,4-Dioxane	9.712	88	919	13.516	ug/l #	49
51) 4-Methyl-2-Pentanone	10.447	43	19763	3.996	ug/l #	84
52) Toluene	10.630	92	9872	1.018	ug/l	93
53) t-1,3-Dichloropropene	10.841	75	4940	0.828	ug/l #	87
54) cis-1,3-Dichloropropene	10.312	75	5218	0.802	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	4339	1.112	ug/l	97
56) Ethyl methacrylate	10.877	69	3991	0.717	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	6750	0.982	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	10413	3.692	ug/l #	87
59) 2-Hexanone	11.200	43	13702	3.621	ug/l	84
60) Dibromochloromethane	11.365	129	4068	0.974	ug/l	95
61) 1,2-Dibromoethane	11.477	107	3376	0.862	ug/l	97
64) Tetrachloroethene	11.106	164	3184	1.056	ug/l	94
65) Chlorobenzene	11.888	112	10020	0.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	3724	1.023	ug/l #	58
67) Ethyl Benzene	11.965	91	14623	0.831	ug/l	90
68) m/p-Xylenes	12.076	106	9954	1.519	ug/l	100
69) o-Xylene	12.400	106	4707	0.746	ug/l	92
70) Styrene	12.412	104	7261	0.716	ug/l	97
71) Bromoform	12.576	173	2426	0.939	ug/l #	91
73) Isopropylbenzene	12.700	105	10587	0.754	ug/l	97
74) N-amyl acetate	12.500	43	4638	0.756	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	5765	1.157	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	6862	1.579	ug/l	68
77) Bromobenzene	12.982	156	3889	1.131	ug/l	97
78) n-propylbenzene	13.035	91	14572	0.906	ug/l	99
79) 2-Chlorotoluene	13.129	91	9898	0.963	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	8650	0.791	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	106965	66.960	ug/l #	15
82) 4-Chlorotoluene	13.223	91	9093	0.890	ug/l	94
83) tert-Butylbenzene	13.435	119	7200	0.805	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	8416	0.783	ug/l	99
85) sec-Butylbenzene	13.623	105	9017	0.727	ug/l	96
86) p-Isopropyltoluene	13.735	119	7394	0.732	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	6100	0.953	ug/l	99
88) 1,4-Dichlorobenzene	13.735	146	6100	0.939	ug/l	98
89) n-Butylbenzene	14.059	91	7507	0.862	ug/l	91
90) Hexachloroethane	14.341	117	1891	0.945	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	6046	1.001	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	799	0.946	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	2528	0.880	ug/l	89
94) Hexachlorobutadiene	15.506	225	1582	1.215	ug/l	83
95) Naphthalene	15.635	128	7898	0.811	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	2114	0.751	ug/l	82

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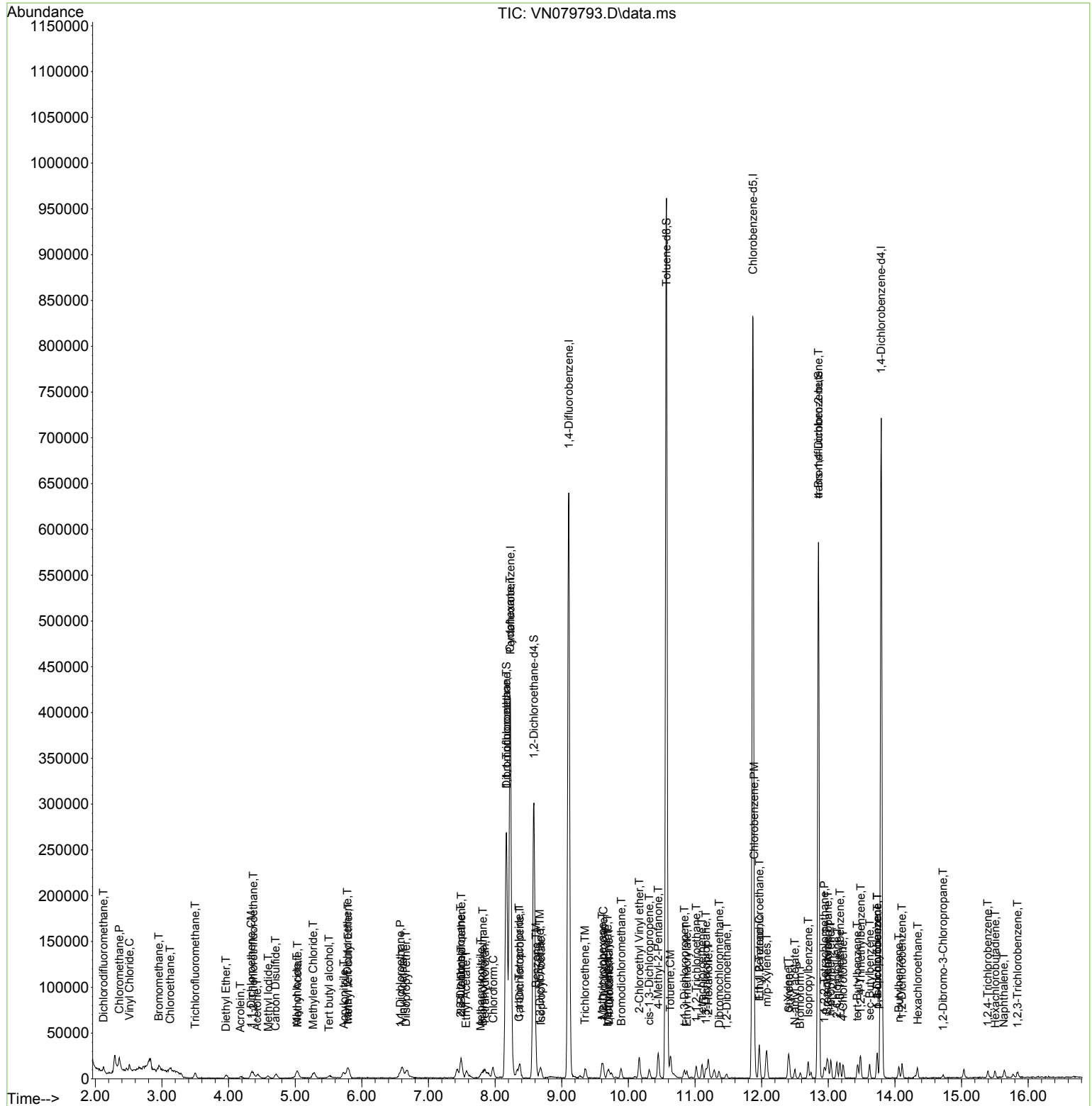
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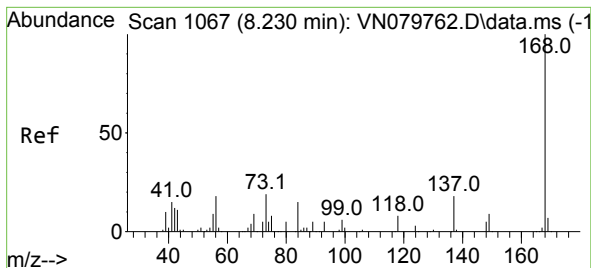
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

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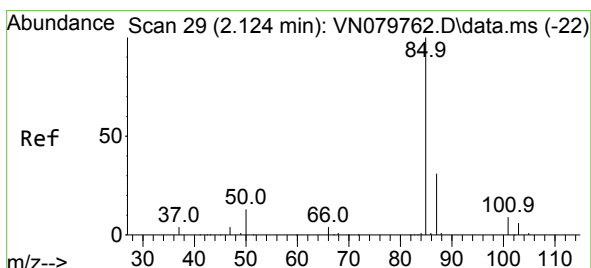
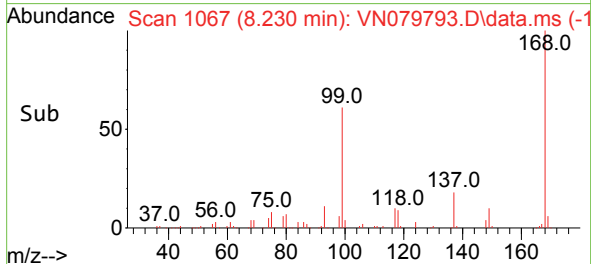
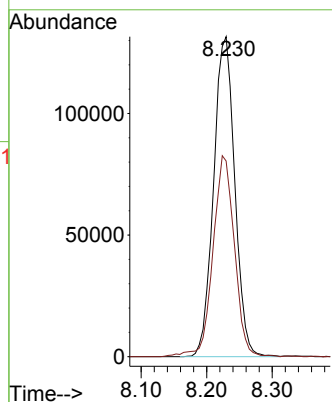
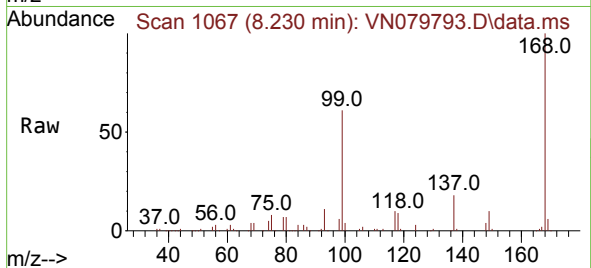
LOQ-WATER-02-QT4-2023

Tgt Ion:168 Resp: 294820

Ion Ratio Lower Upper

168 100

99 61.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 1.007 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079793.D

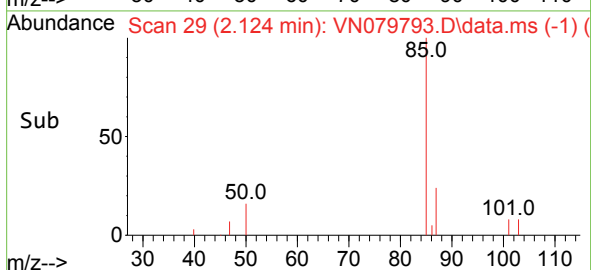
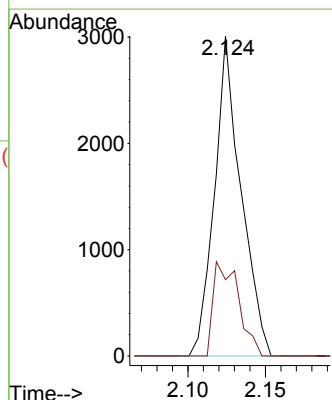
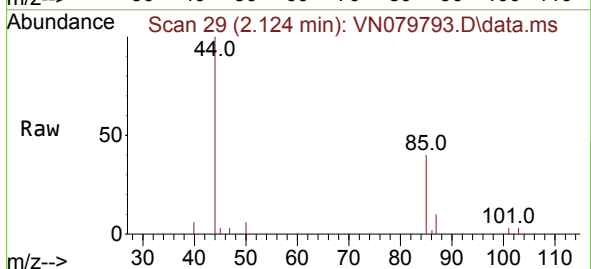
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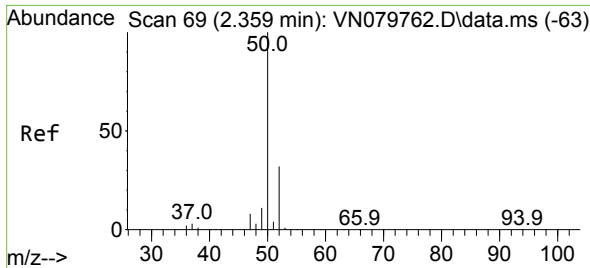
Tgt Ion: 85 Resp: 3576

Ion Ratio Lower Upper

85 100

87 23.9 15.8 47.4

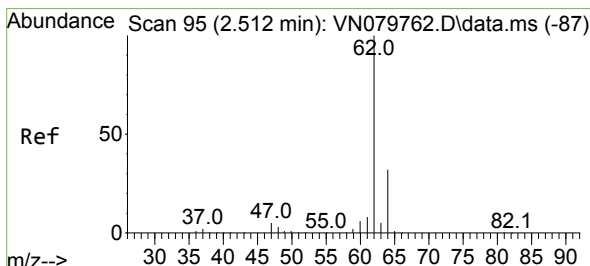
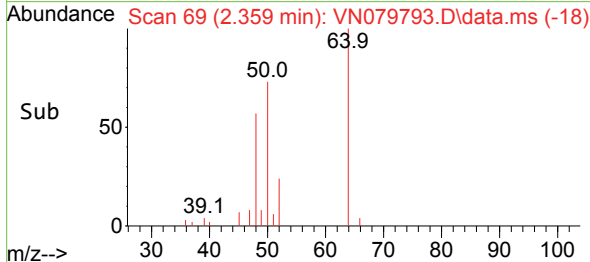
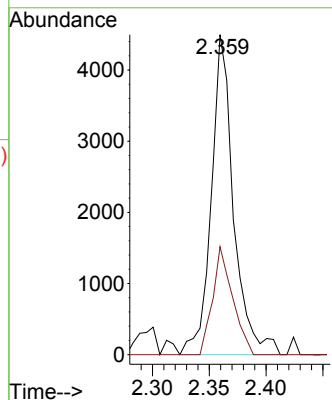
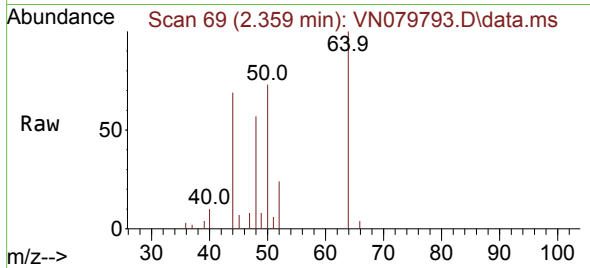




#3
Chloromethane
Concen: 0.710 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079793.D
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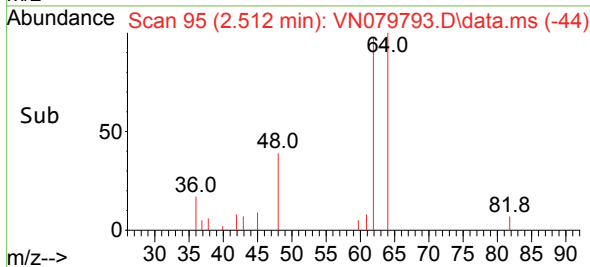
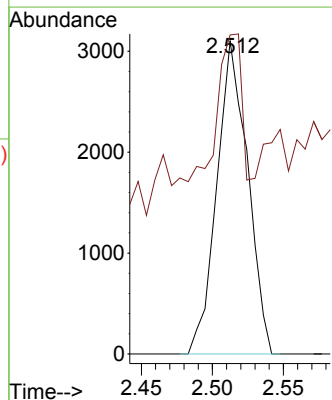
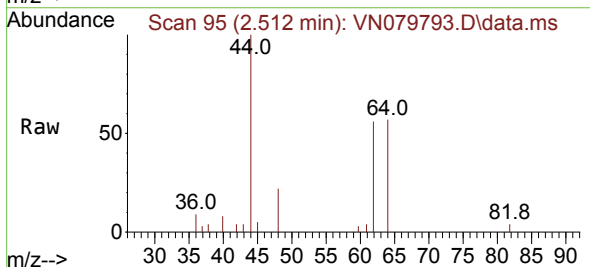
Instrument : MSVOA_N
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Tgt Ion: 50 Resp: 6146
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7



#4
Vinyl Chloride
Concen: 1.009 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 62 Resp: 4689
Ion Ratio Lower Upper
62 100
64 45.7 26.2 39.2#

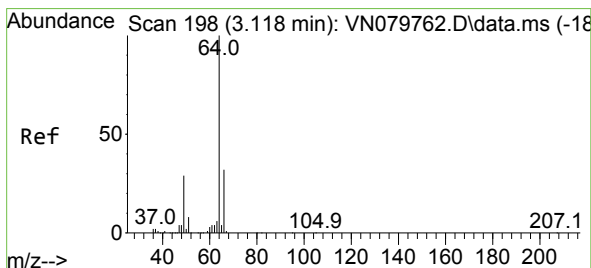
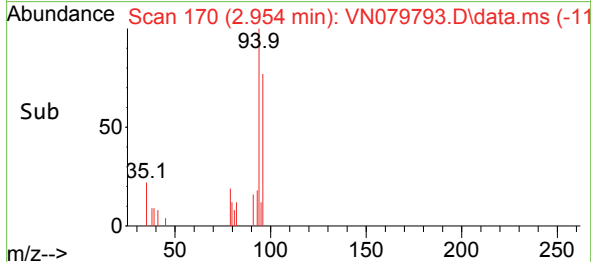
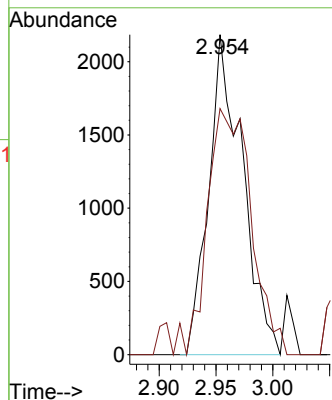
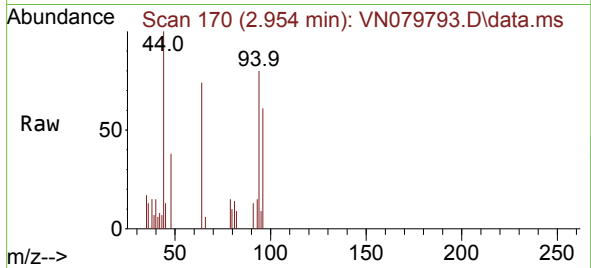




#5
Bromomethane
Concen: 1.597 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079793.D
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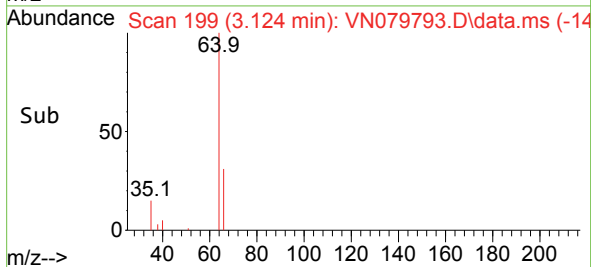
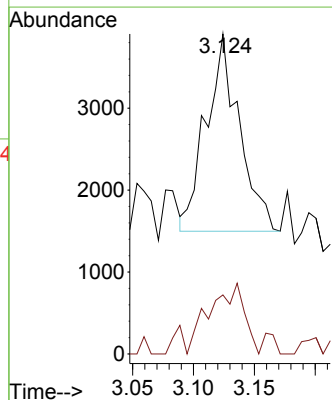
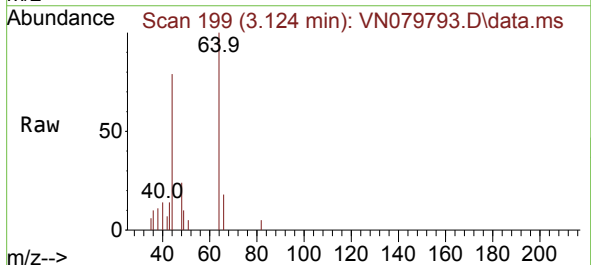
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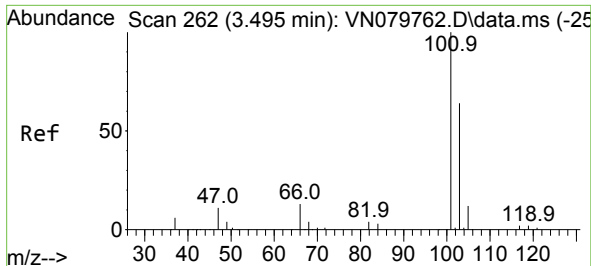
Tgt Ion: 94 Resp: 4511
Ion Ratio Lower Upper
94 100
96 68.6 73.1 109.7#



#6
Chloroethane
Concen: 1.245 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 64 Resp: 4573
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.2

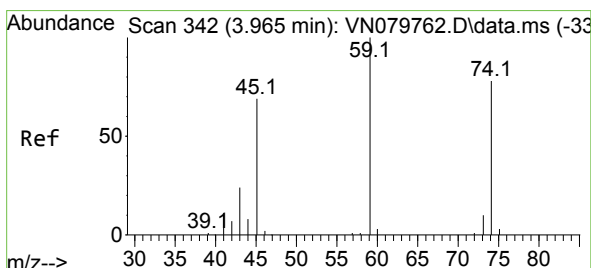
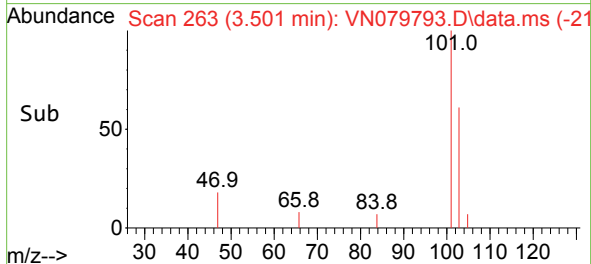
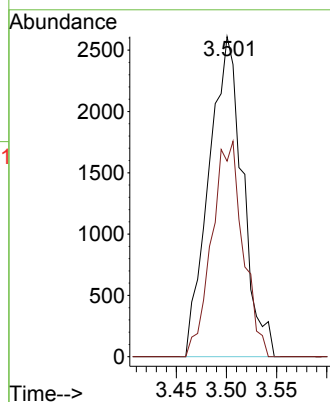
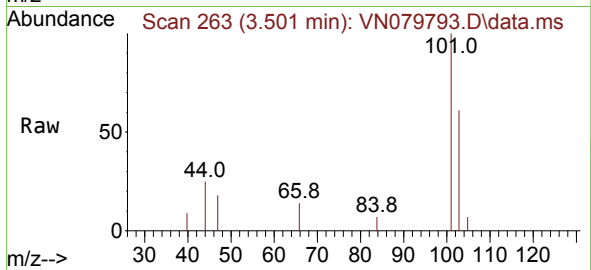




#7
Trichlorofluoromethane
Concen: 1.059 ug/l
RT: 3.501 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

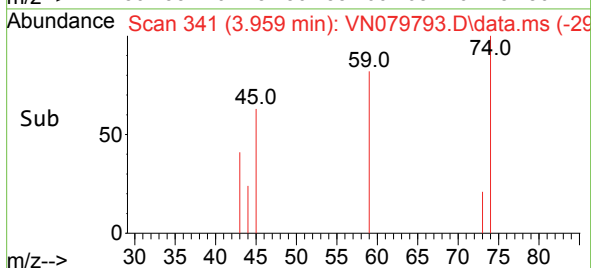
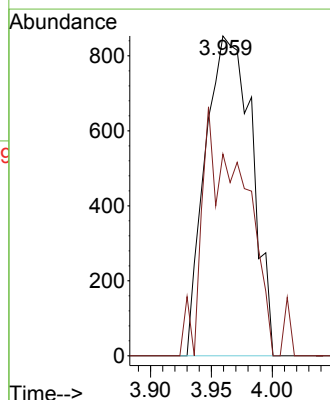
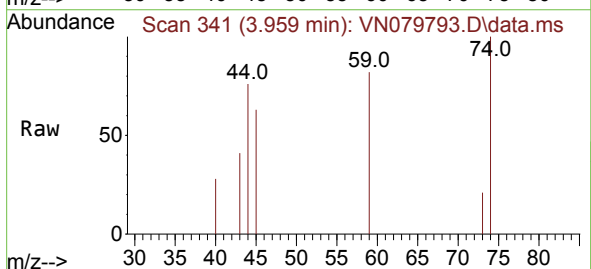
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

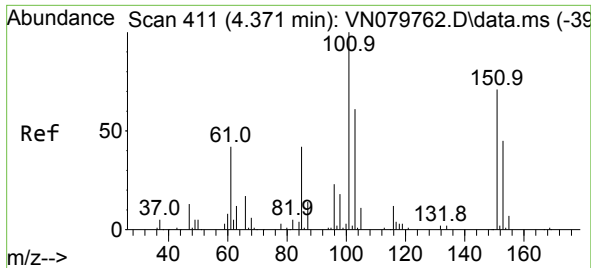
Tgt Ion:101 Resp: 6123
Ion Ratio Lower Upper
101 100
103 61.1 50.7 76.1



#8
Diethyl Ether
Concen: 1.031 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 74 Resp: 2263
Ion Ratio Lower Upper
74 100
45 69.6 34.4 103.3

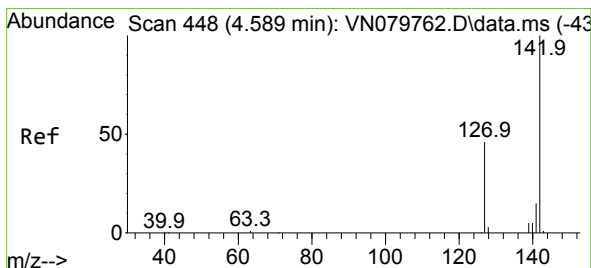
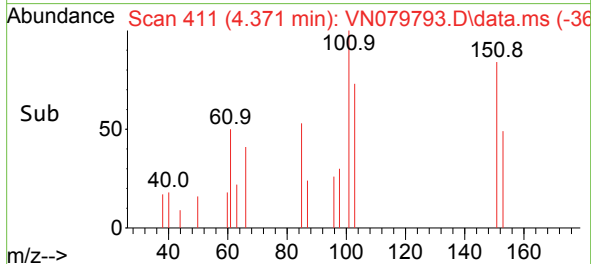
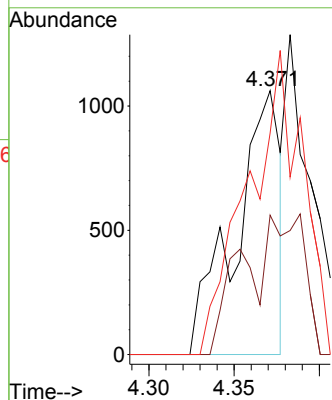
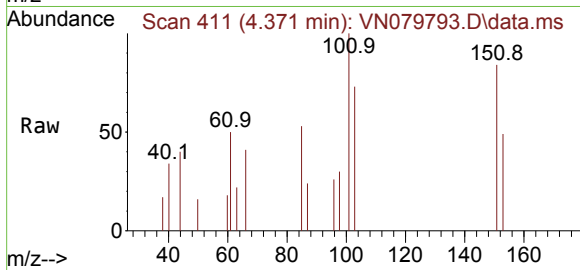




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.576 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

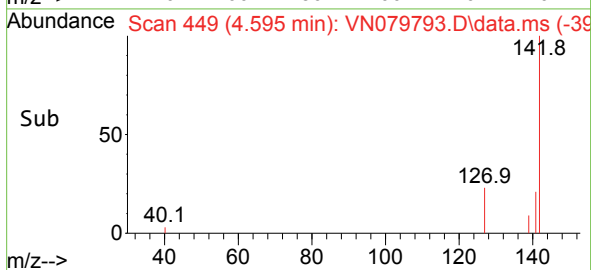
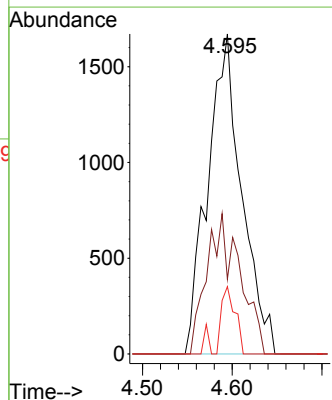
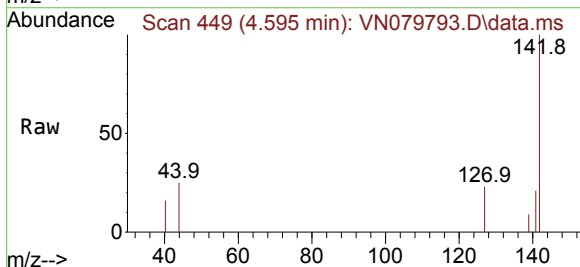
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:101 Resp: 1931
Ion Ratio Lower Upper
101 100
85 42.9 36.6 55.0
151 140.9 57.6 86.4#



#10
Methyl Iodide
Concen: 1.148 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:142 Resp: 4395
Ion Ratio Lower Upper
142 100
127 23.3 37.6 56.4#
141 21.1 11.4 17.0#

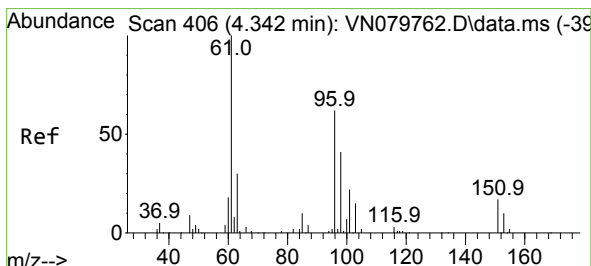
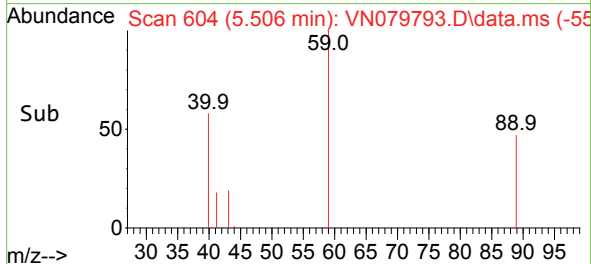
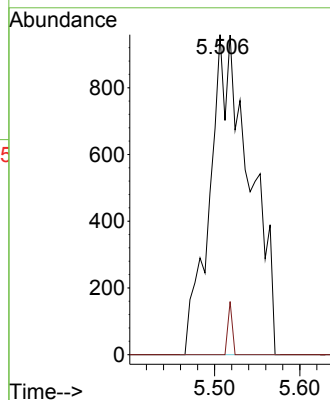
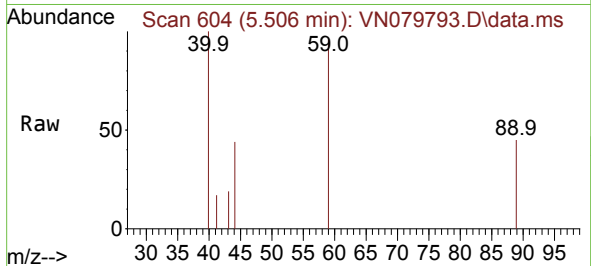




#11
Tert butyl alcohol
Concen: 5.485 ug/l
RT: 5.506 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

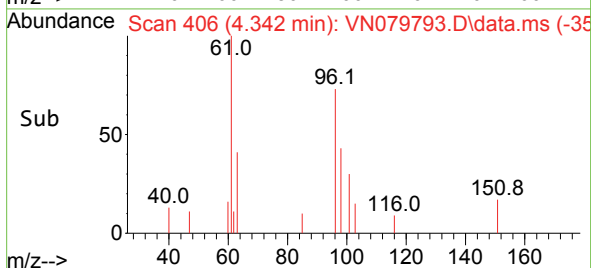
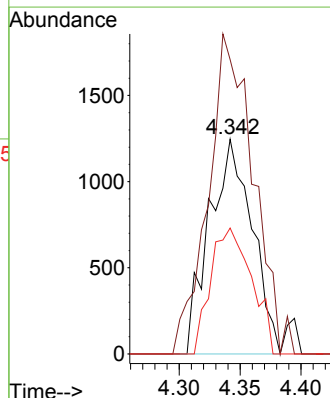
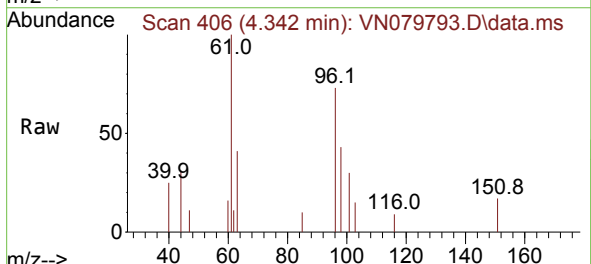
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

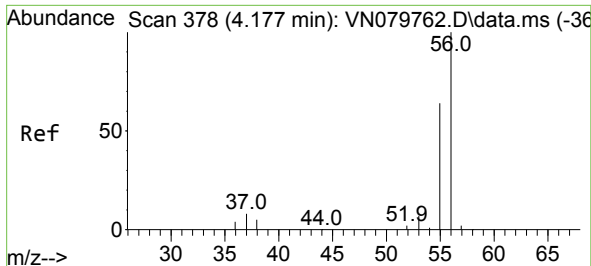
Tgt Ion: 59 Resp: 3145
Ion Ratio Lower Upper
59 100
57 1.8 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.960 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 96 Resp: 3047
Ion Ratio Lower Upper
96 100
61 137.1 112.7 169.1
98 58.7 51.2 76.8





#13

Acrolein

Concen: 6.442 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

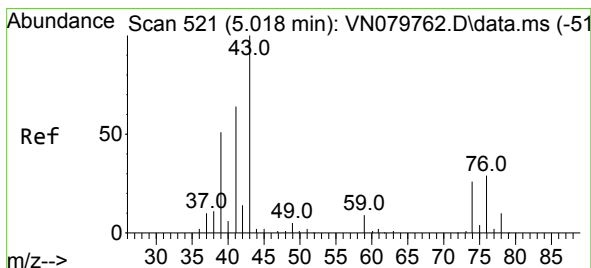
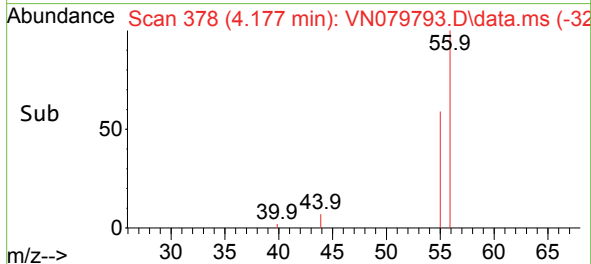
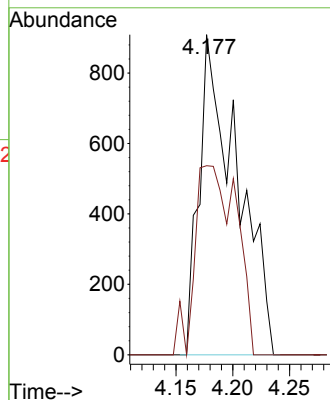
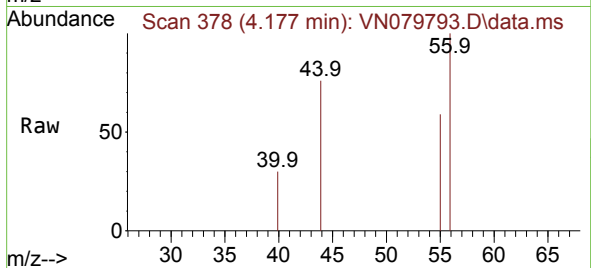
LOQ-WATER-02-QT4-2023

Tgt Ion: 56 Resp: 2121

Ion Ratio Lower Upper

56 100

55 64.8 54.5 81.7



#14

Allyl chloride

Concen: 0.934 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

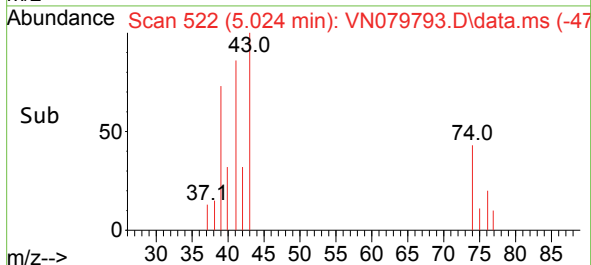
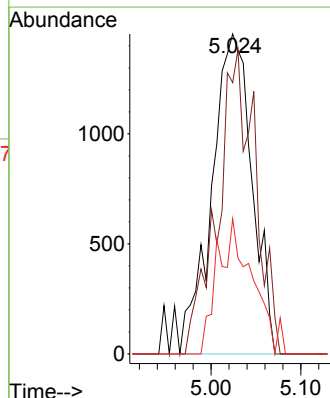
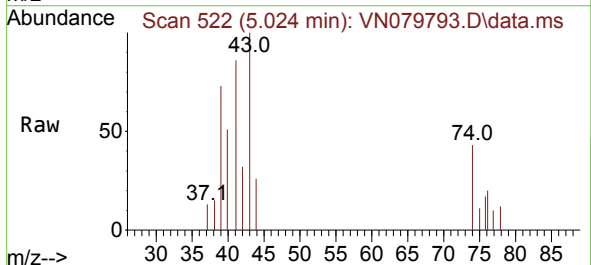
Tgt Ion: 41 Resp: 4539

Ion Ratio Lower Upper

41 100

39 88.6 58.8 88.2#

76 36.4 39.1 58.7#





#15

Acrylonitrile

Concen: 4.240 ug/l

RT: 5.730 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN079793.D

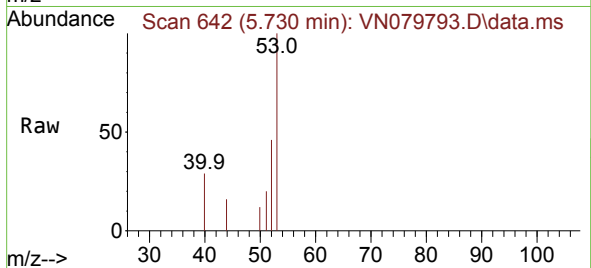
Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023



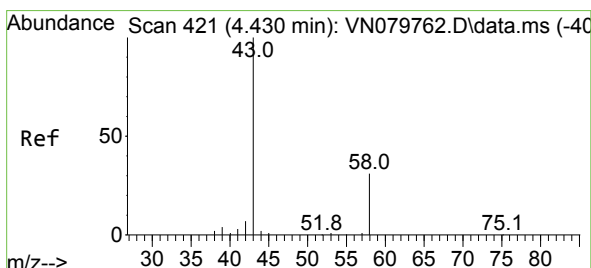
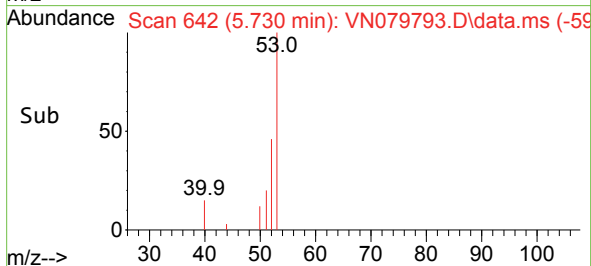
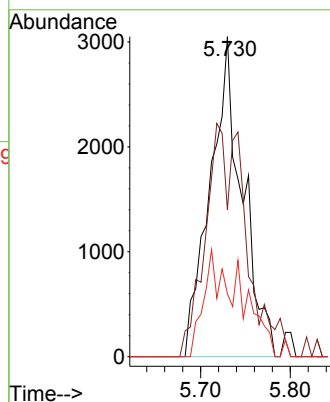
Tgt Ion: 53 Resp: 7576

Ion Ratio Lower Upper

53 100

52 49.6 65.3 97.9#

51 22.7 28.9 43.3#



#16

Acetone

Concen: 5.509 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.000 min

Lab File: VN079793.D

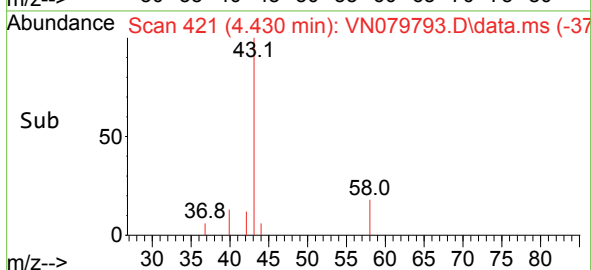
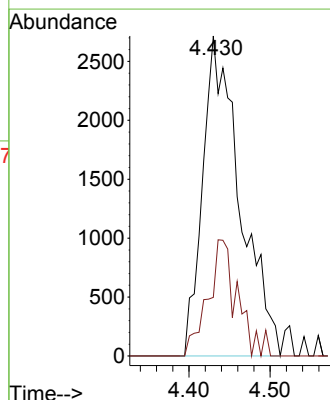
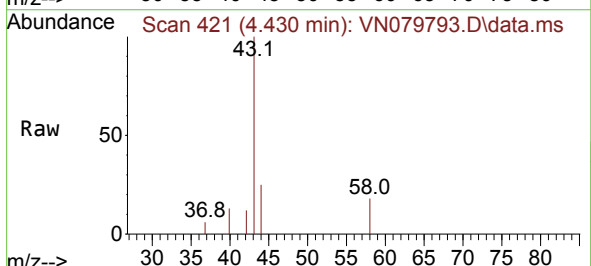
Acq: 02 Nov 2023 13:36

Tgt Ion: 43 Resp: 8692

Ion Ratio Lower Upper

43 100

58 18.3 28.0 42.0#

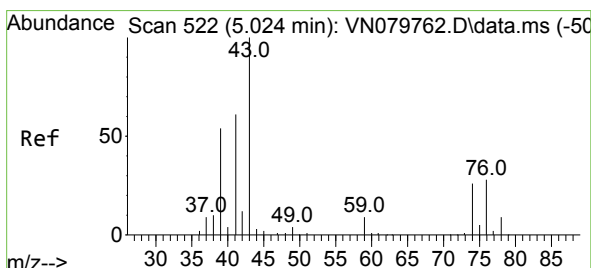
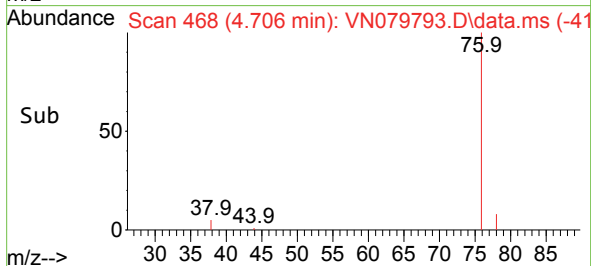
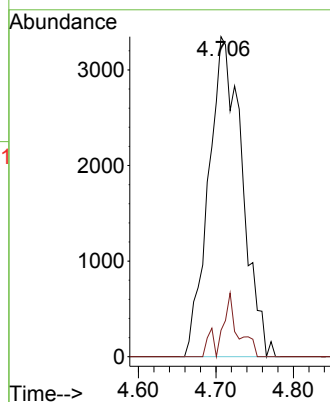
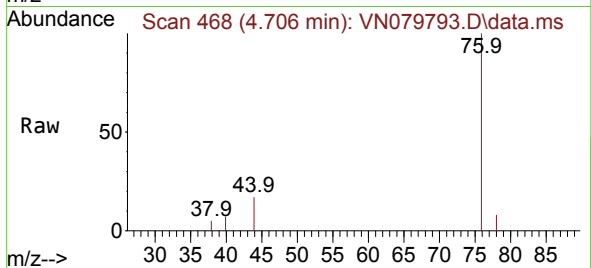




#17
Carbon Disulfide
Concen: 1.098 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

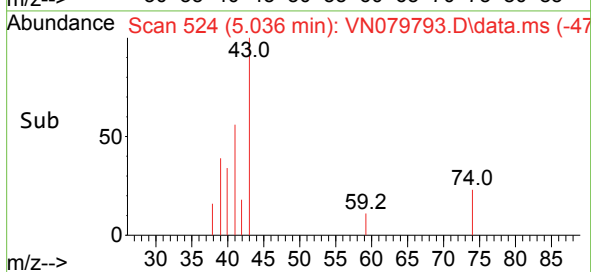
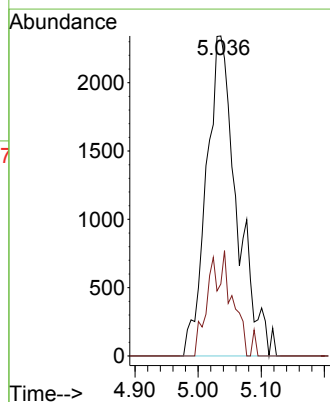
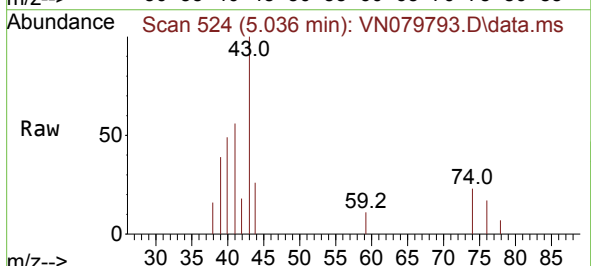
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

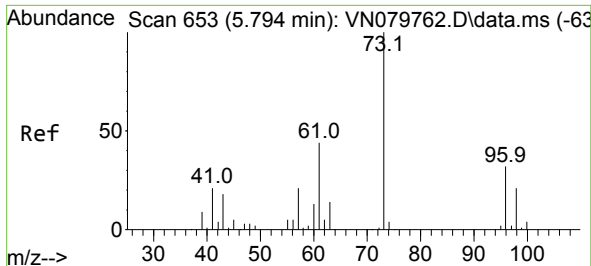
Tgt Ion: 76 Resp: 10054
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 1.048 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 43 Resp: 7910
Ion Ratio Lower Upper
43 100
74 11.4 26.2 39.4#

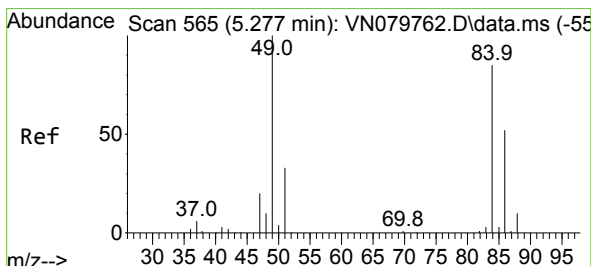
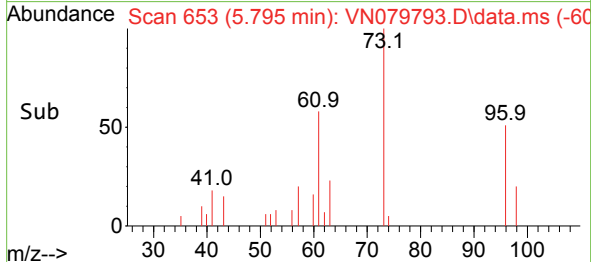
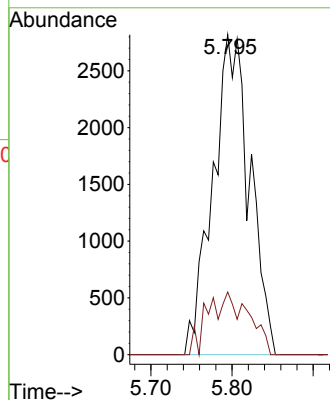
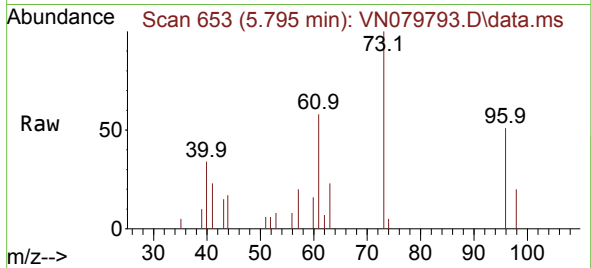




#19
Methyl tert-butyl Ether
Concen: 0.820 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

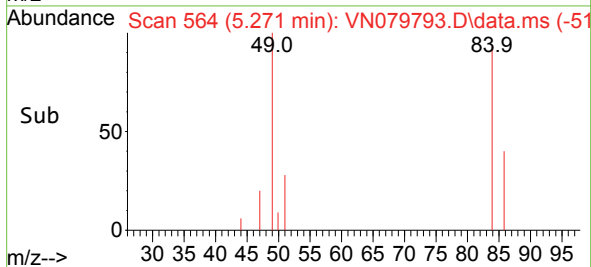
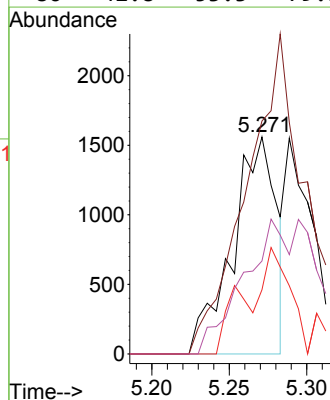
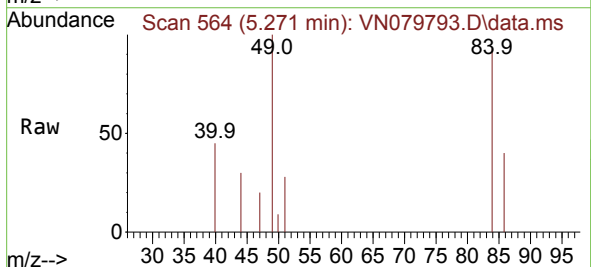
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

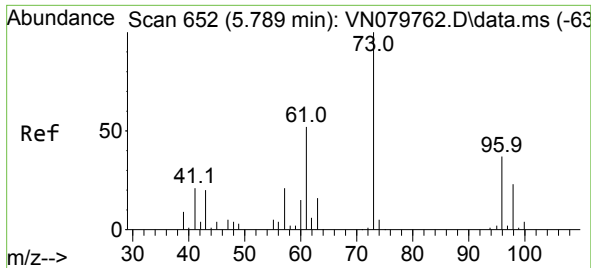
Tgt Ion: 73 Resp: 8960
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4



#20
Methylene Chloride
Concen: 0.770 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 84 Resp: 3064
Ion Ratio Lower Upper
84 100
49 107.4 79.7 119.5
51 29.6 25.2 37.8
86 42.8 53.3 79.9#

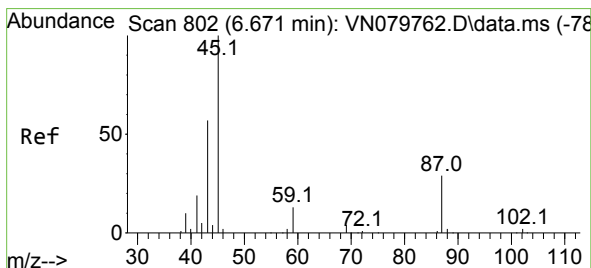
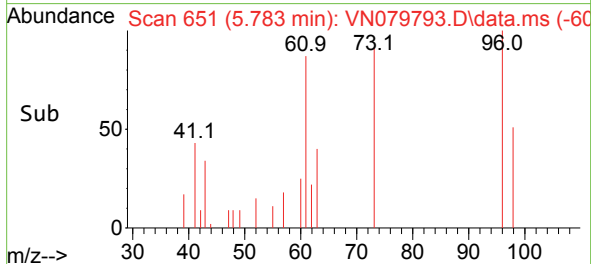
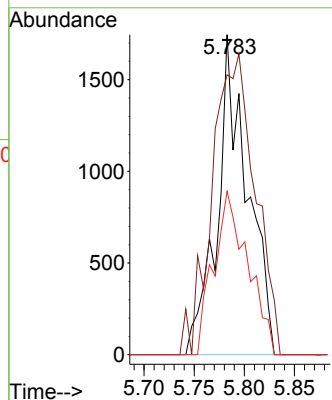
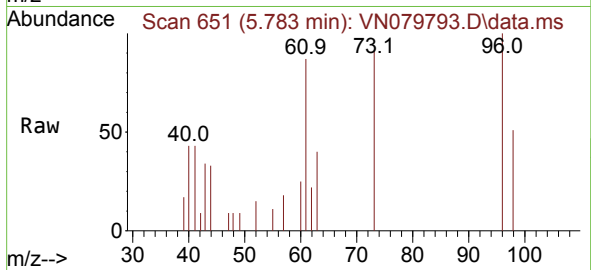




#21
trans-1,2-Dichloroethene
Concen: 1.031 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

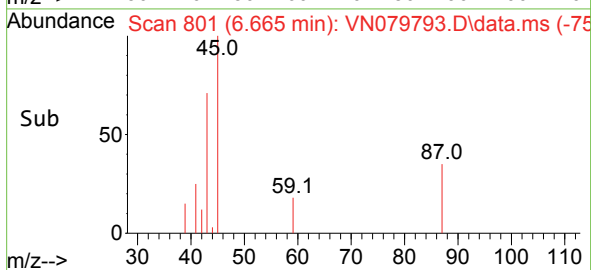
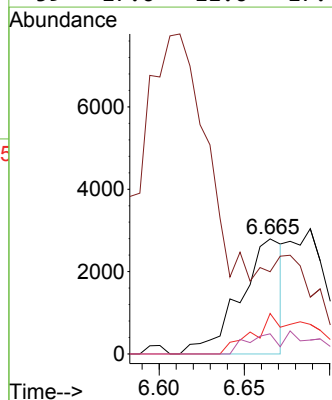
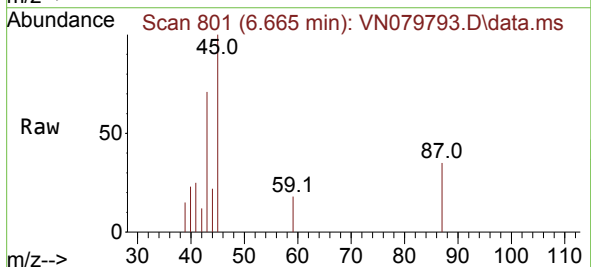
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

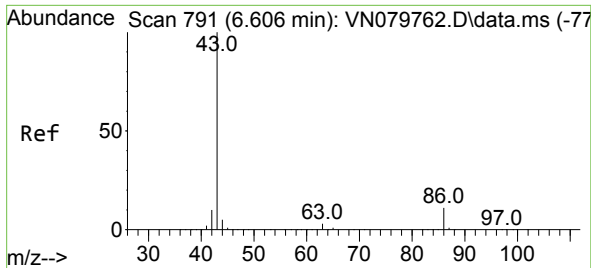
Tgt Ion: 96 Resp: 3650
Ion Ratio Lower Upper
96 100
61 87.4 90.1 135.1#
98 51.1 46.4 69.6



#22
Diisopropyl ether
Concen: 0.426 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.012 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 45 Resp: 4797
Ion Ratio Lower Upper
45 100
43 0.0 45.5 68.3#
87 35.2 31.8 47.8
59 17.6 11.6 17.4#

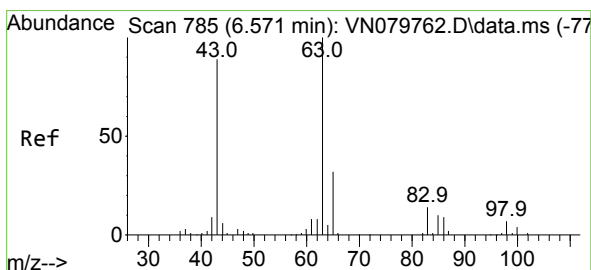
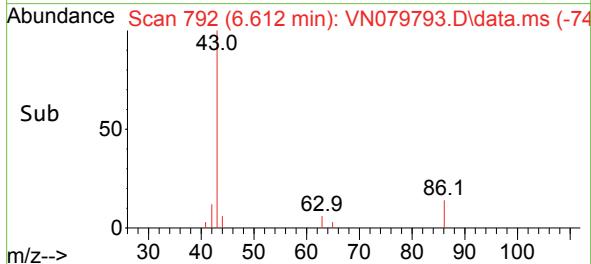
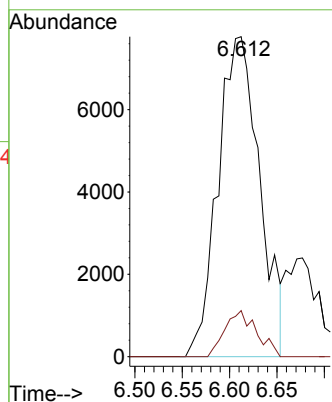
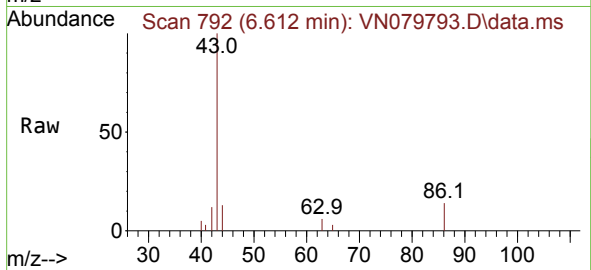




#23
 Vinyl Acetate
 Concen: 3.826 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

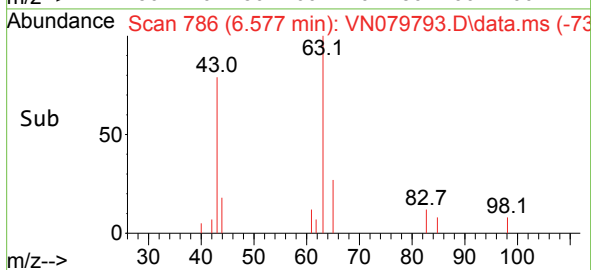
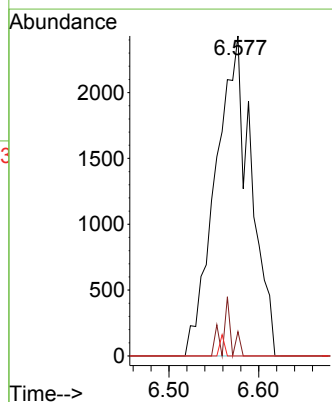
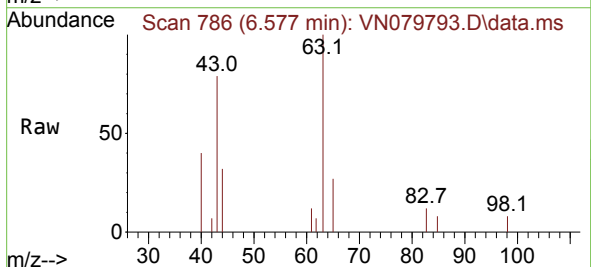
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

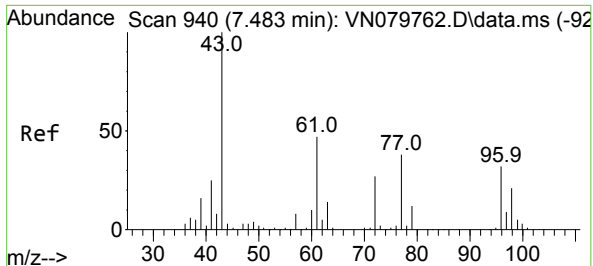
Tgt Ion: 43 Resp: 23773
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 0.975 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

Tgt Ion: 63 Resp: 6672
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 4.861 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

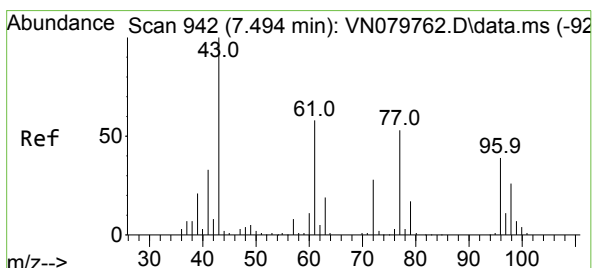
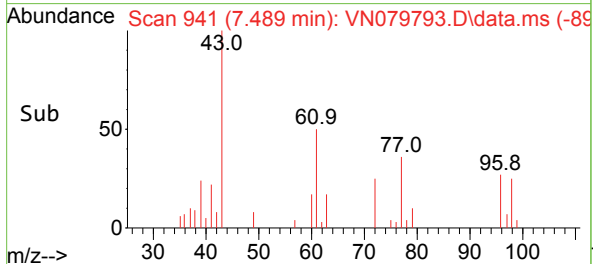
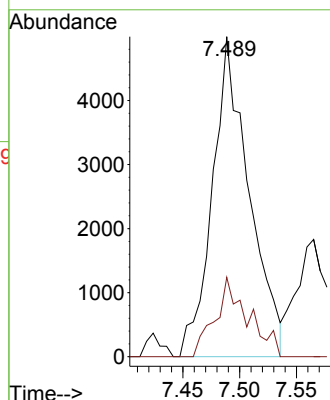
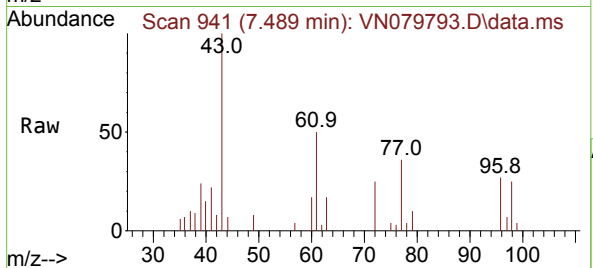
LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 11231

Ion Ratio Lower Upper

43 100

72 24.8 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 0.989 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN079793.D

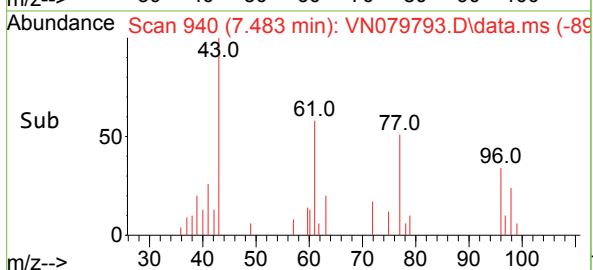
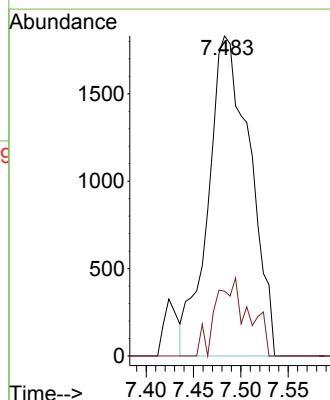
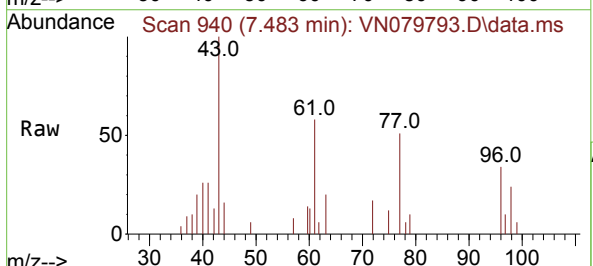
Acq: 02 Nov 2023 13:36

Tgt Ion: 77 Resp: 5598

Ion Ratio Lower Upper

77 100

97 19.5 11.2 33.6

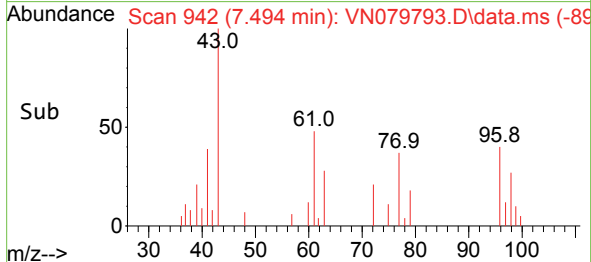
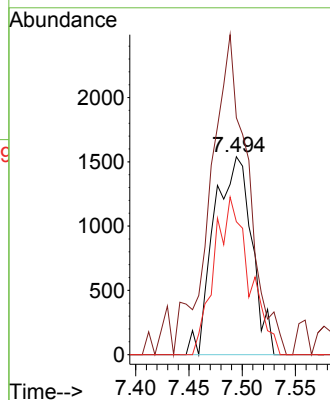
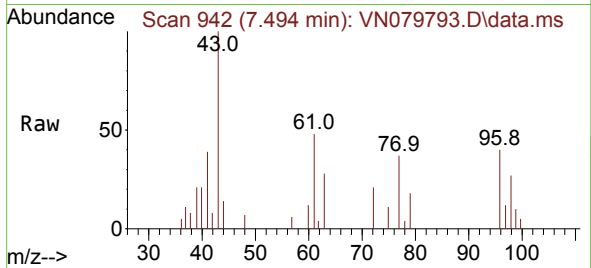




#27
cis-1,2-Dichloroethene
Concen: 0.899 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

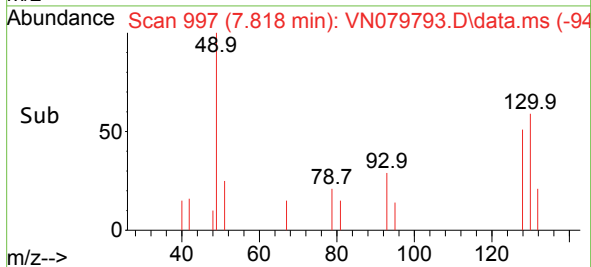
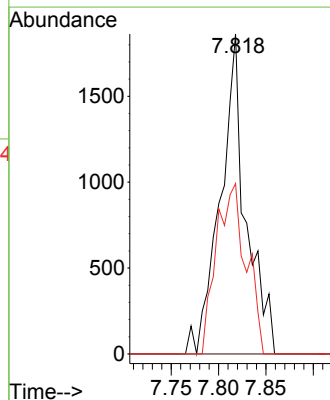
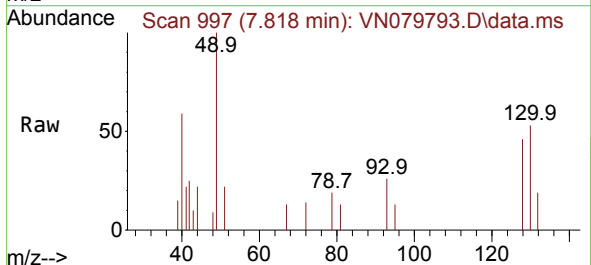
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

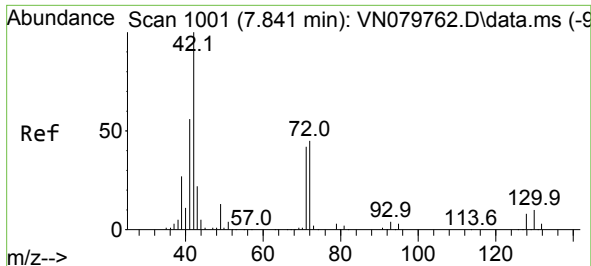
Tgt Ion: 96 Resp: 3806
Ion Ratio Lower Upper
96 100
61 161.1 0.0 255.2
98 73.8 0.0 128.8



#28
Bromochloromethane
Concen: 1.051 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 49 Resp: 3507
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 62.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 4.237 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

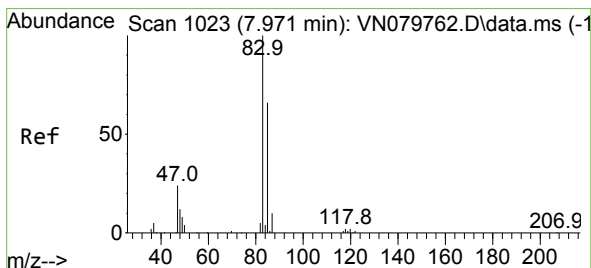
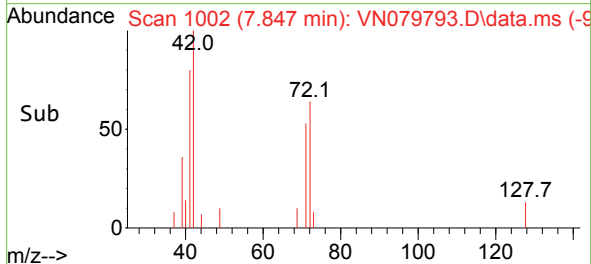
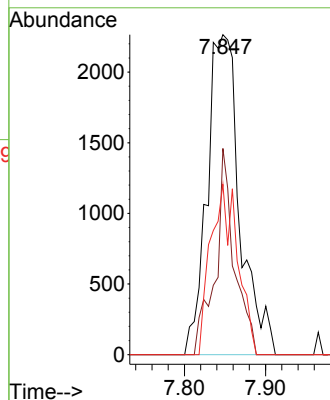
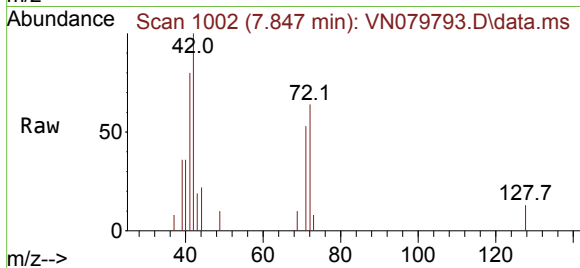
Tgt Ion: 42 Resp: 6369

Ion Ratio Lower Upper

42 100

72 37.5 49.8 74.6#

71 43.8 47.4 71.2#



#30

Chloroform

Concen: 1.377 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079793.D

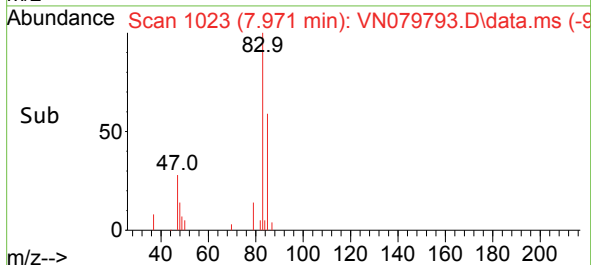
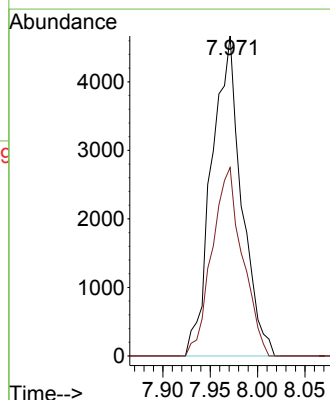
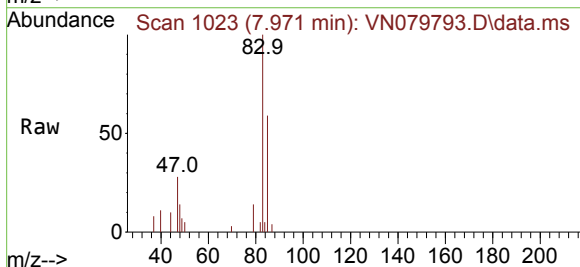
Acq: 02 Nov 2023 13:36

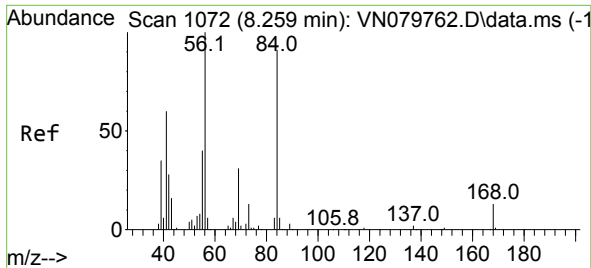
Tgt Ion: 83 Resp: 10242

Ion Ratio Lower Upper

83 100

85 58.9 55.4 83.0

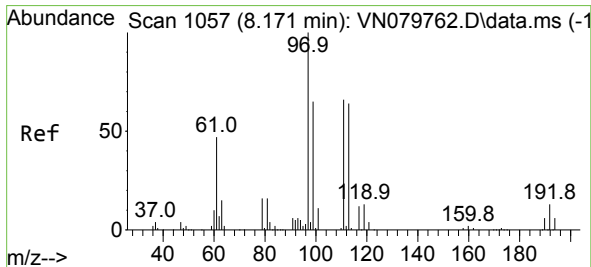
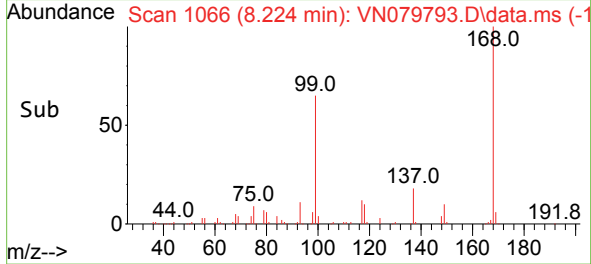
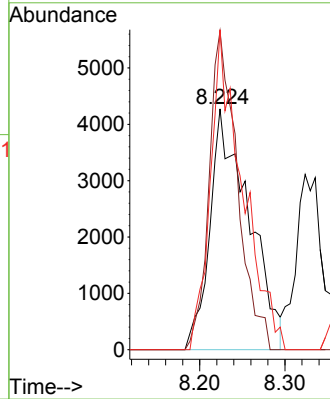
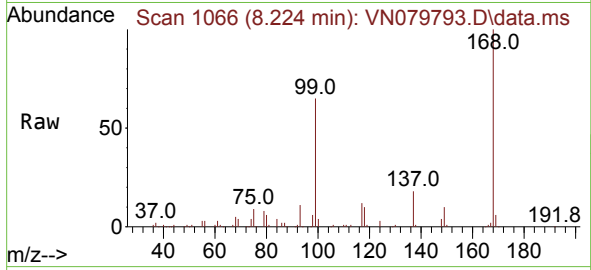




#31
Cyclohexane
Concen: 2.274 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

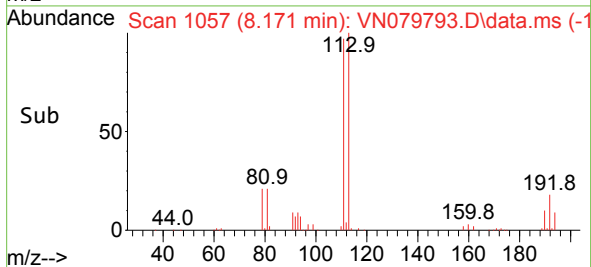
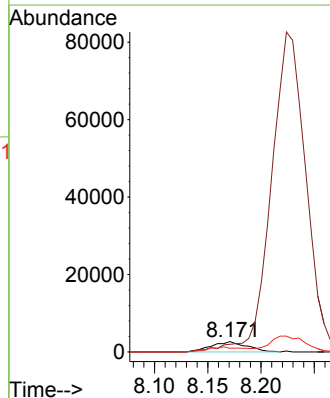
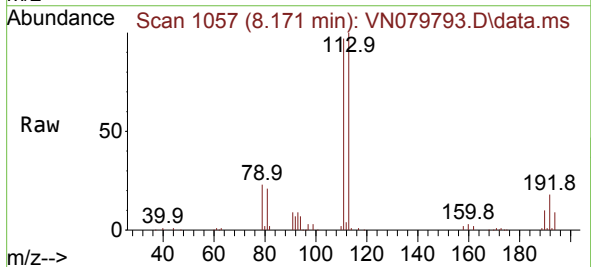
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

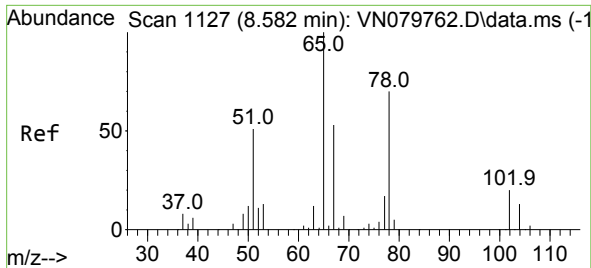
Tgt Ion: 56 Resp: 13495
Ion Ratio Lower Upper
56 100
69 132.4 26.8 40.2#
84 132.9 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 1.028 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 97 Resp: 6232
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 50.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.715 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

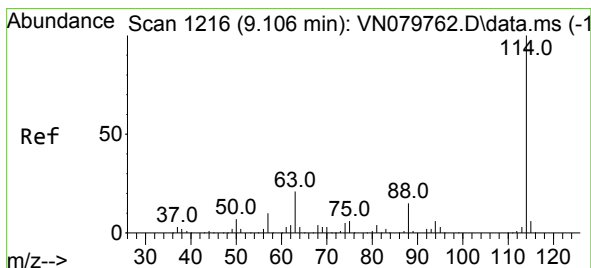
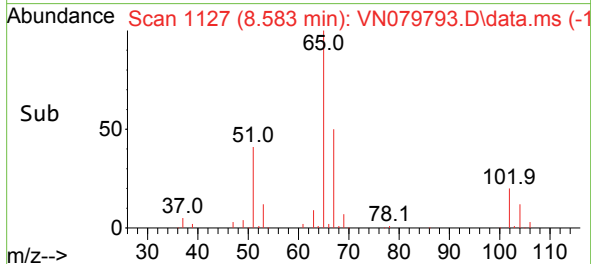
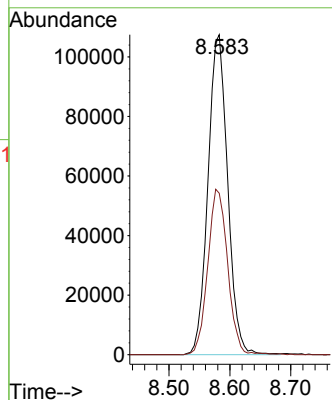
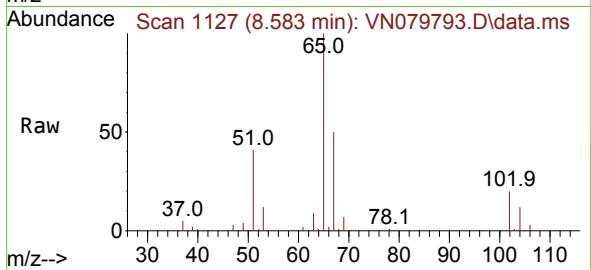
LOQ-WATER-02-QT4-2023

Tgt Ion: 65 Resp: 241269

Ion Ratio Lower Upper

65 100

67 52.3 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: VN079793.D

Acq: 02 Nov 2023 13:36

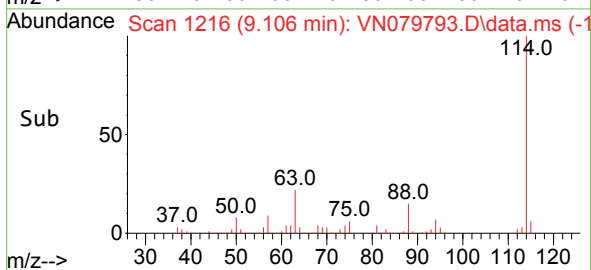
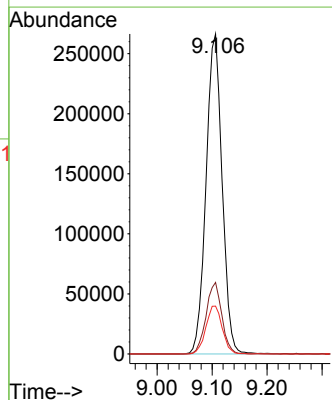
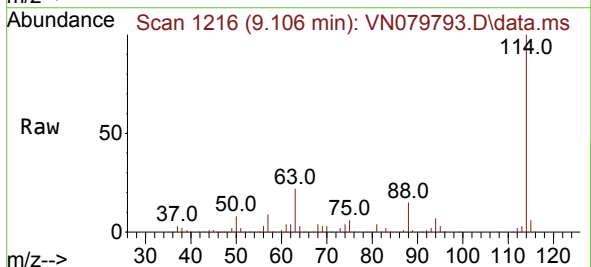
Tgt Ion: 114 Resp: 540529

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 15.0 0.0 30.6

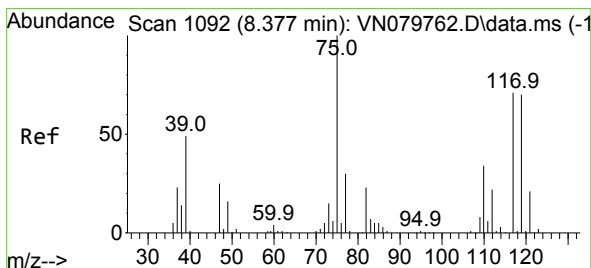
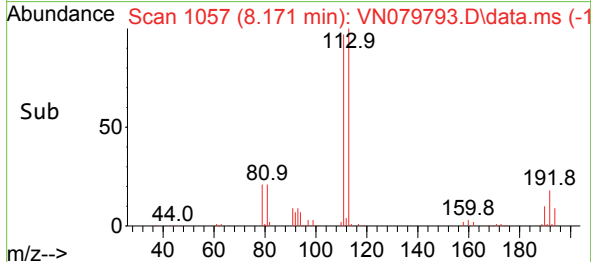
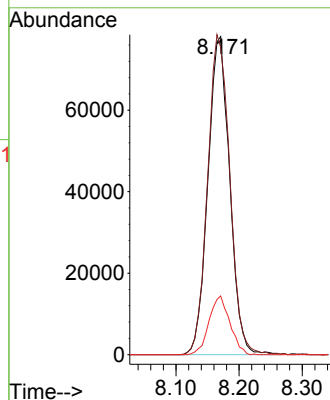
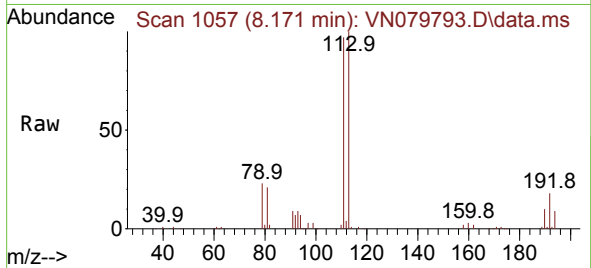




#35
Dibromofluoromethane
Concen: 48.901 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

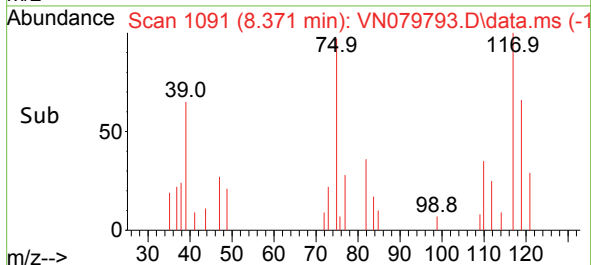
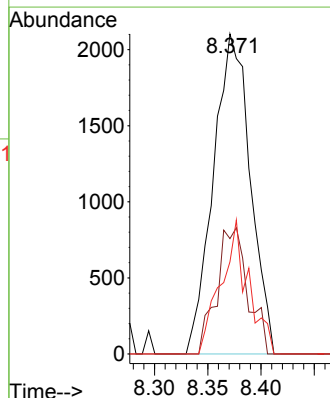
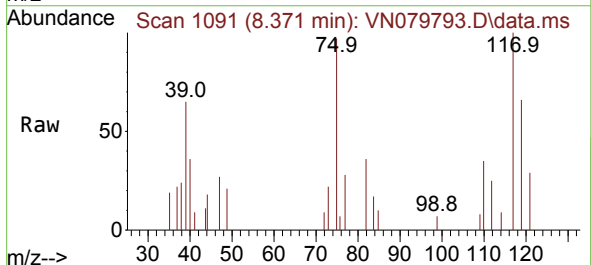
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

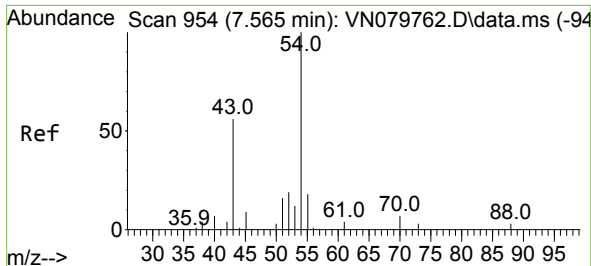
Tgt Ion:113 Resp: 187077
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 17.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 0.930 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 75 Resp: 5078
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 31.3 25.0 37.4

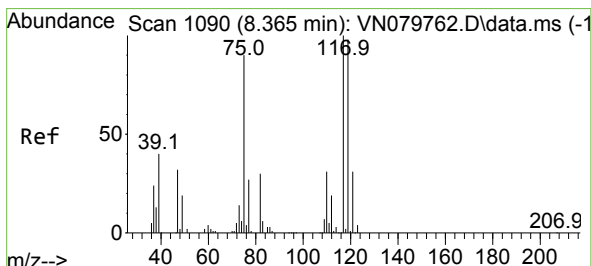
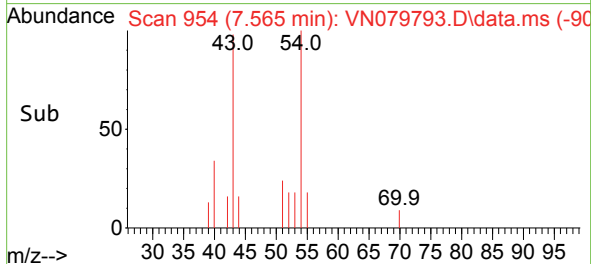
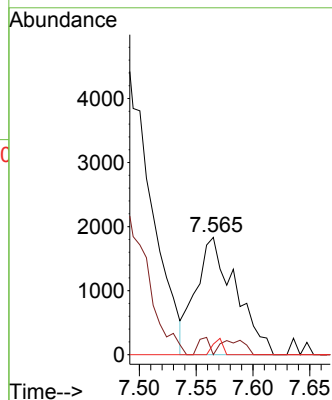
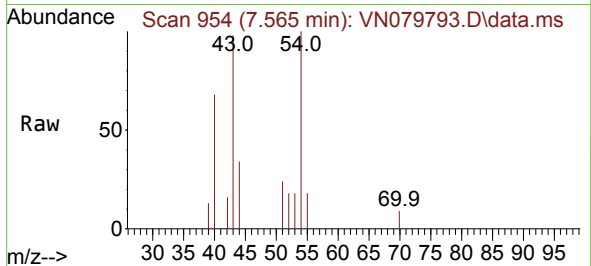




#37
Ethyl Acetate
Concen: 0.889 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

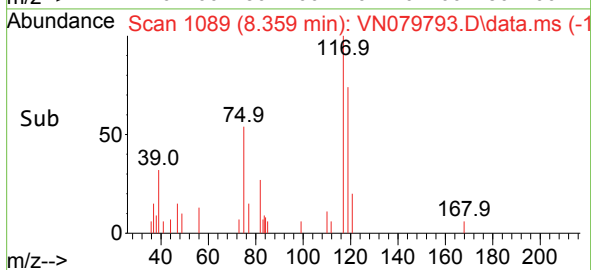
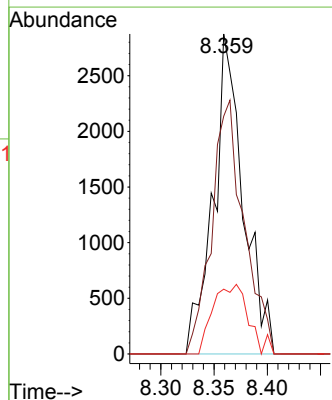
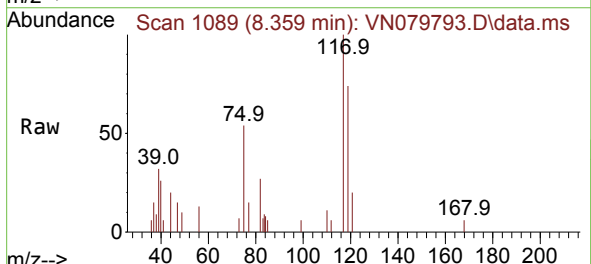
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

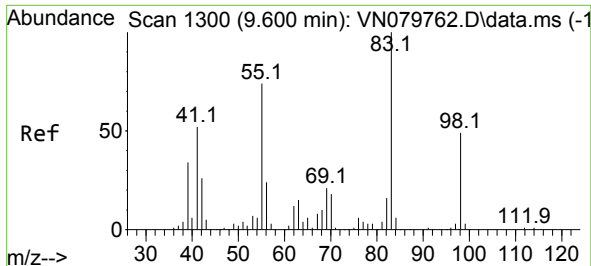
Tgt Ion: 43 Resp: 4454
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 3.3 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 1.019 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 117 Resp: 5611
Ion Ratio Lower Upper
117 100
119 74.3 77.3 115.9#
121 20.2 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.875 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

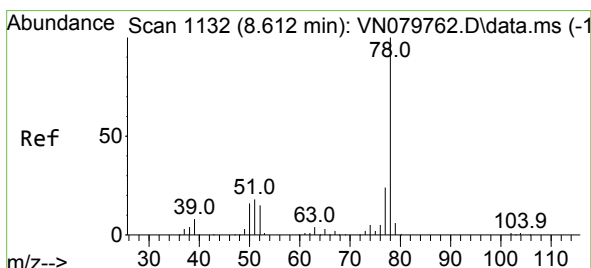
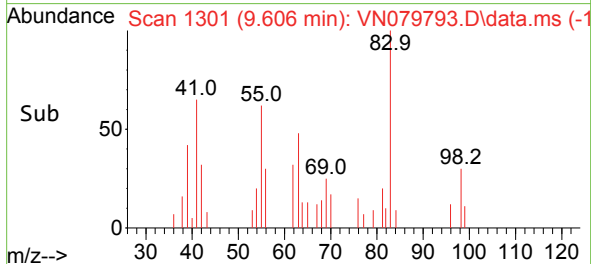
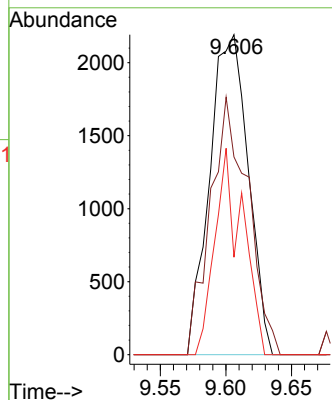
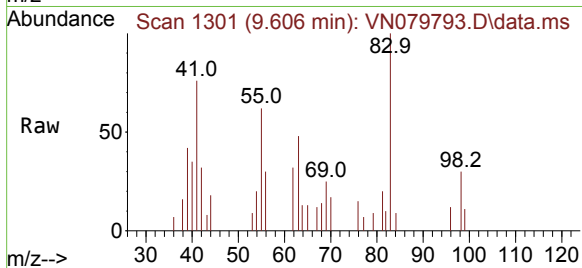
Tgt Ion: 83 Resp: 4497

Ion Ratio Lower Upper

83 100

55 61.8 49.1 73.7

98 30.4 40.6 61.0#



#40

Benzene

Concen: 0.943 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079793.D

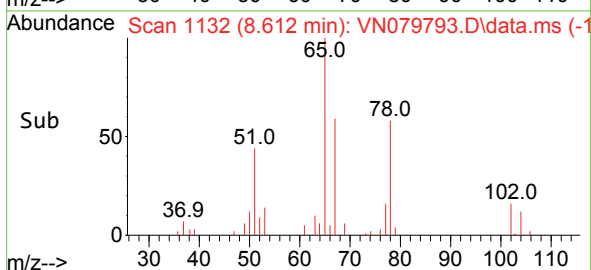
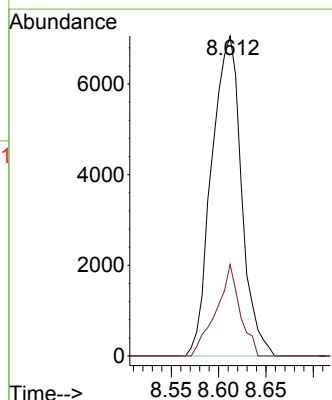
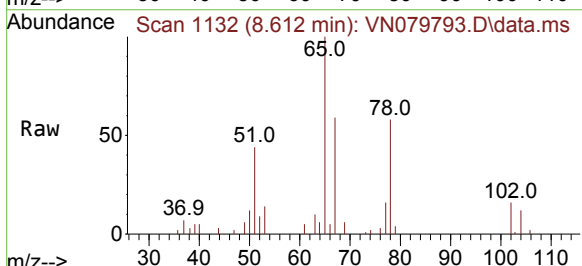
Acq: 02 Nov 2023 13:36

Tgt Ion: 78 Resp: 15427

Ion Ratio Lower Upper

78 100

77 28.6 19.0 28.6#

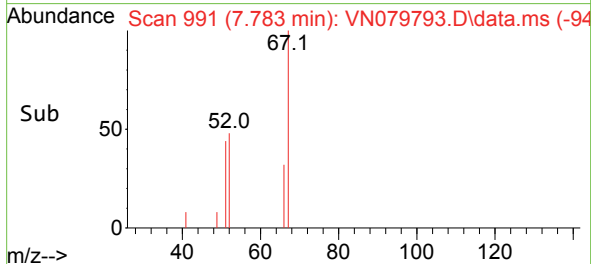
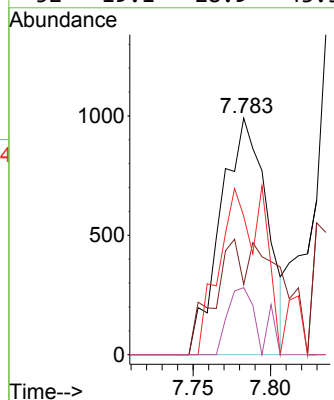
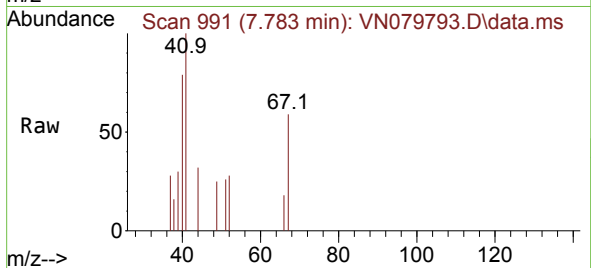




#41
Methacrylonitrile
Concen: 0.773 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

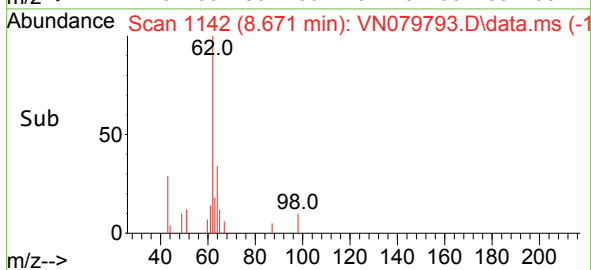
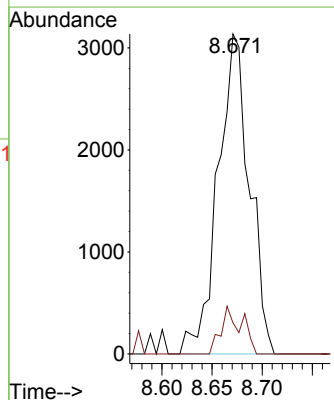
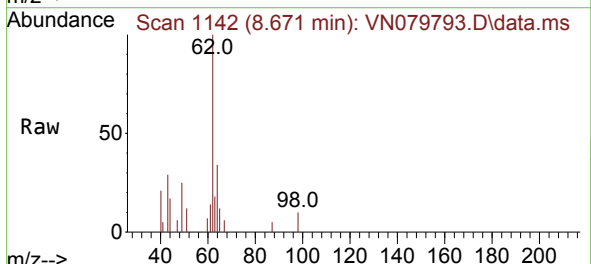
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

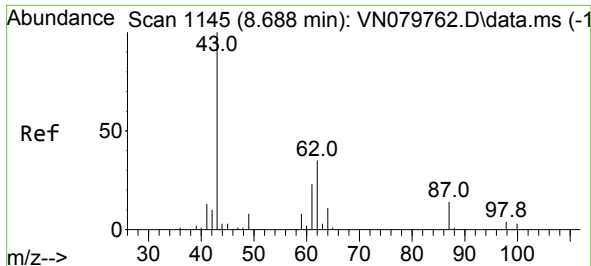
Tgt Ion:	41	Resp:	2057
Ion	Ratio	Lower	Upper
41	100		
39	31.3	42.6	64.0#
67	66.3	77.5	116.3#
52	19.1	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 1.199 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:	62	Resp:	6853
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8

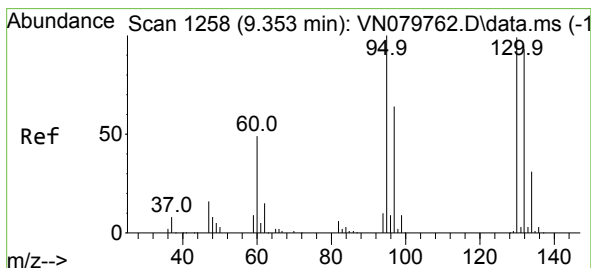
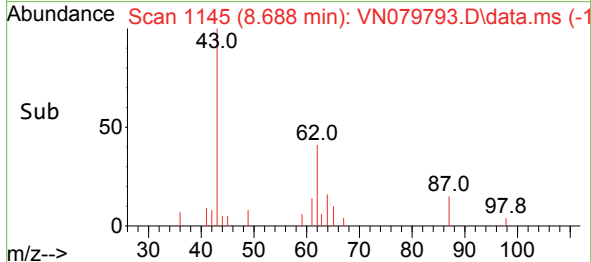
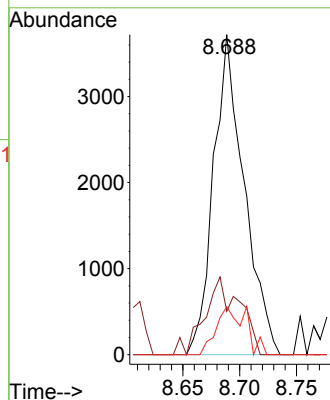
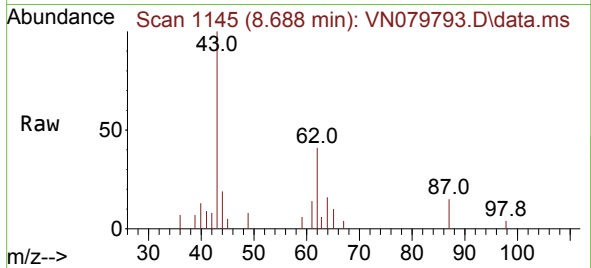




#43
Isopropyl Acetate
Concen: 0.795 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

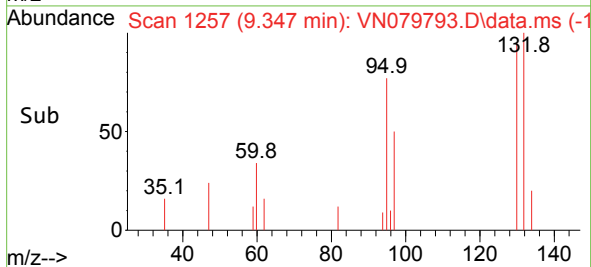
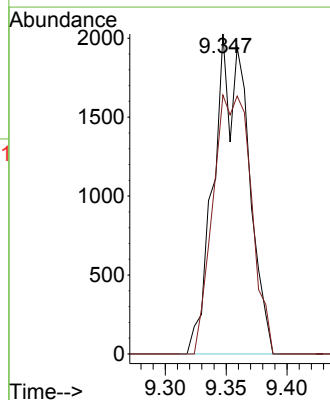
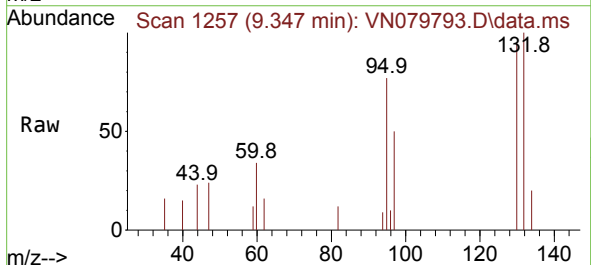
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

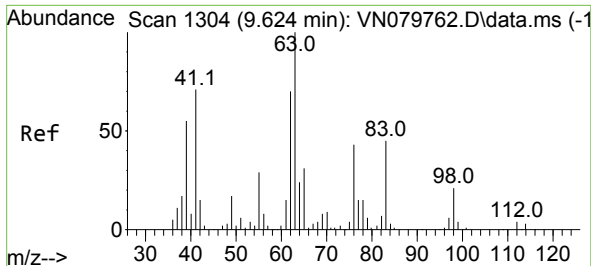
Tgt Ion: 43 Resp: 6981
Ion Ratio Lower Upper
43 100
61 27.9 24.7 37.1
87 0.0 14.6 21.8#



#44
Trichloroethene
Concen: 0.974 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:130 Resp: 3955
Ion Ratio Lower Upper
130 100
95 80.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 1.000 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

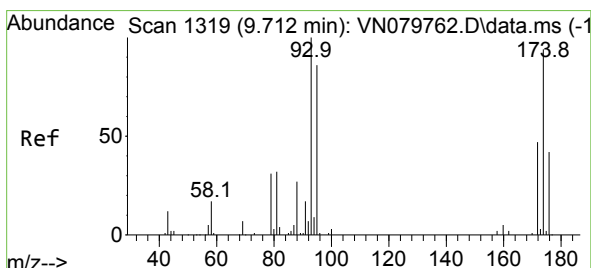
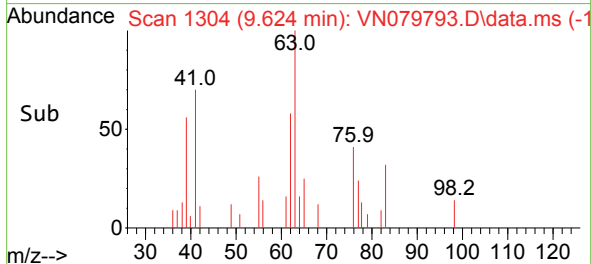
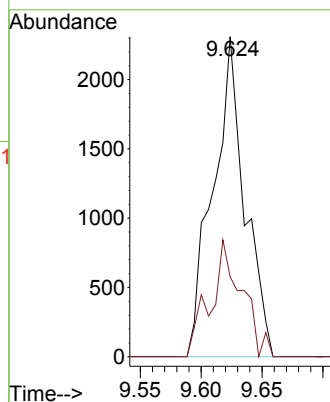
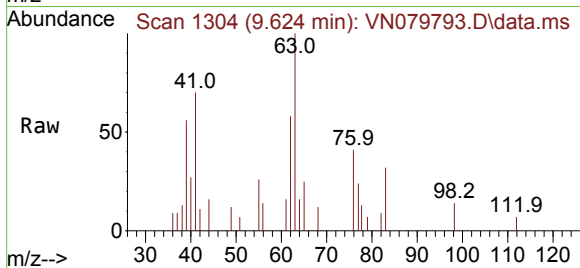
LOQ-WATER-02-QT4-2023

Tgt Ion: 63 Resp: 4183

Ion Ratio Lower Upper

63 100

65 25.0 23.9 35.9



#46

Dibromomethane

Concen: 0.939 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

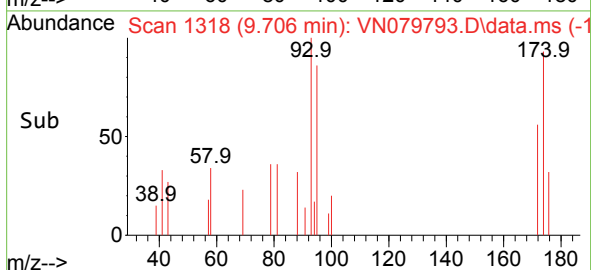
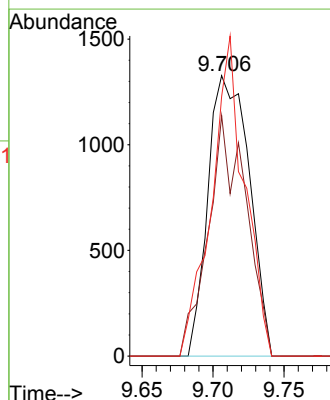
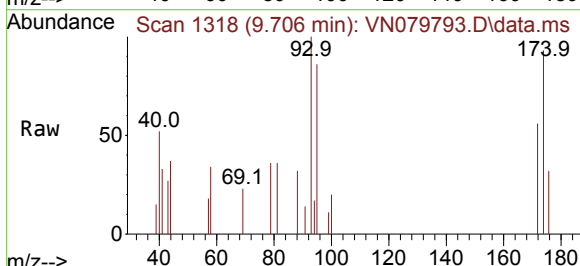
Tgt Ion: 93 Resp: 2680

Ion Ratio Lower Upper

93 100

95 78.8 63.8 95.8

174 91.5 65.6 98.4





#47

Bromodichloromethane

Concen: 1.215 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

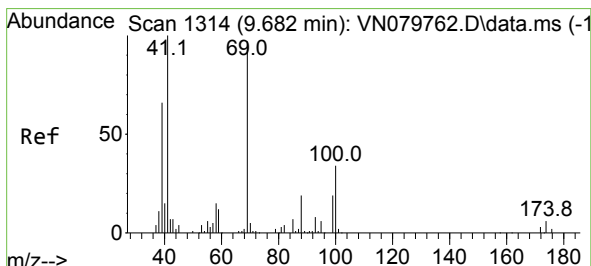
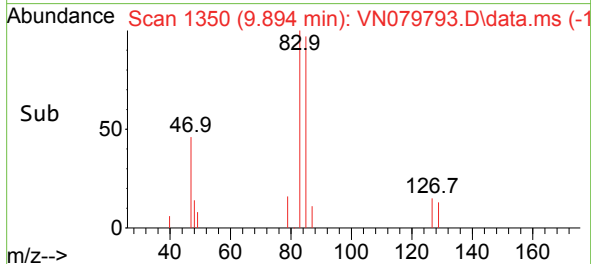
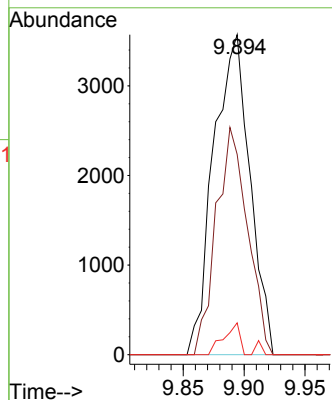
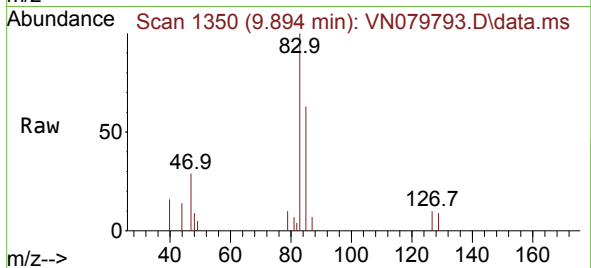
Tgt Ion: 83 Resp: 7397

Ion Ratio Lower Upper

83 100

85 62.6 49.6 74.4

127 9.9 7.0 10.6



#48

Methyl methacrylate

Concen: 0.900 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

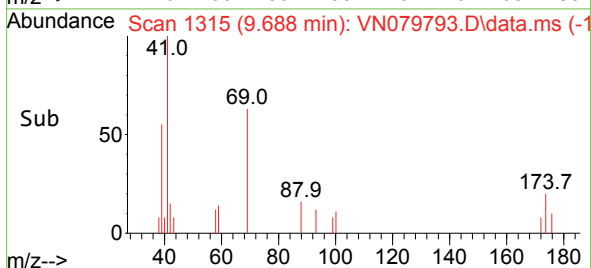
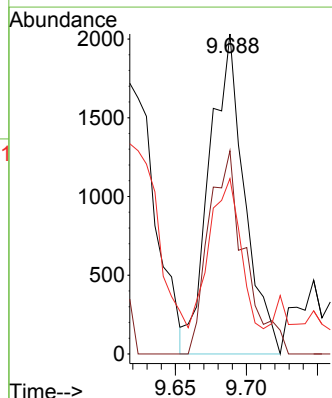
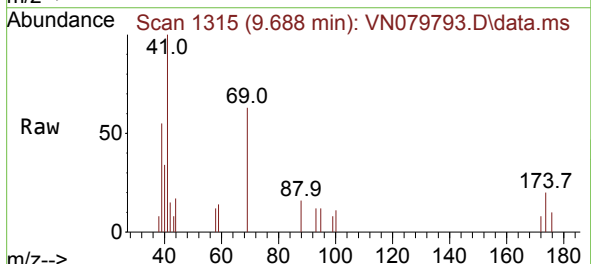
Tgt Ion: 41 Resp: 3464

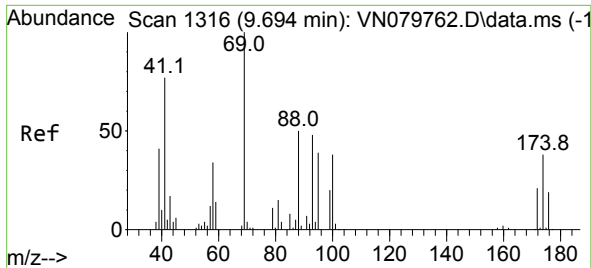
Ion Ratio Lower Upper

41 100

69 66.1 90.4 135.6#

39 55.6 54.6 81.8





#49

1,4-Dioxane

Concen: 13.516 ug/l

RT: 9.712 min Scan# 1

Delta R.T. 0.018 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

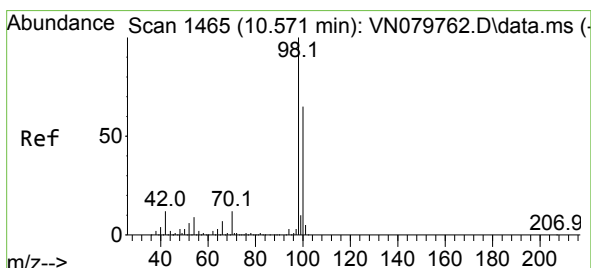
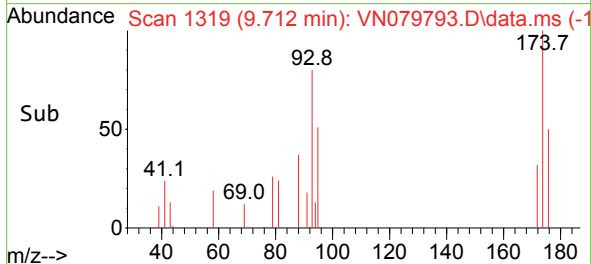
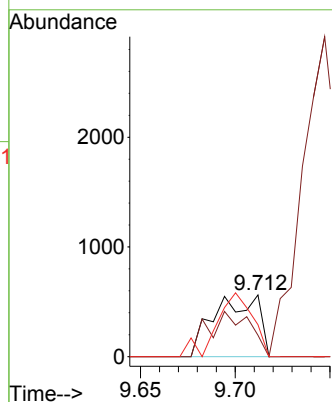
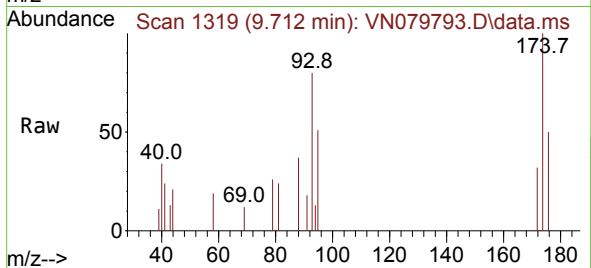
Tgt Ion: 88 Resp: 919

Ion Ratio Lower Upper

88 100

43 68.0 17.0 25.6#

58 83.5 47.0 70.4#



#50

Toluene-d8

Concen: 46.643 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079793.D

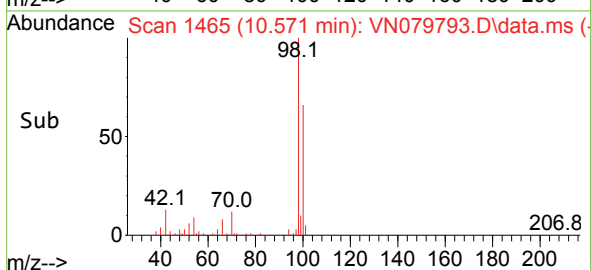
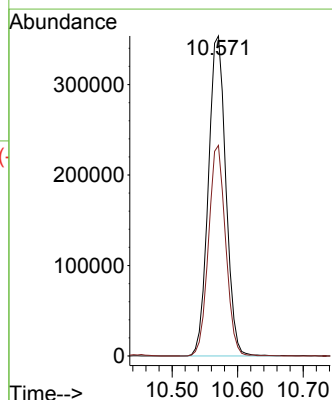
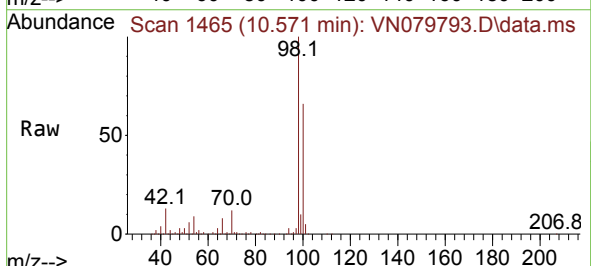
Acq: 02 Nov 2023 13:36

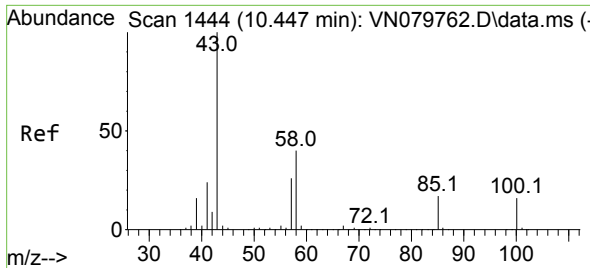
Tgt Ion: 98 Resp: 656907

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

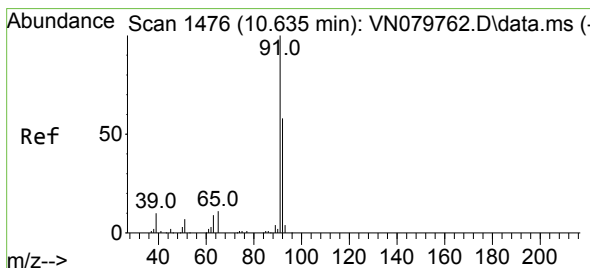
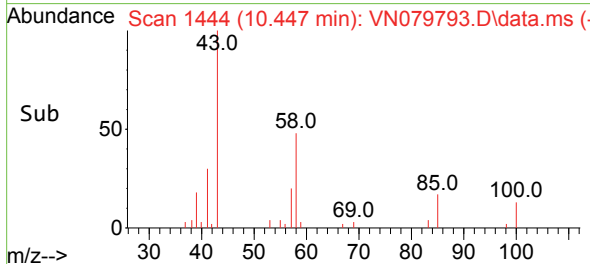
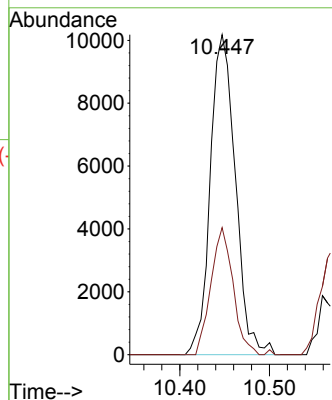
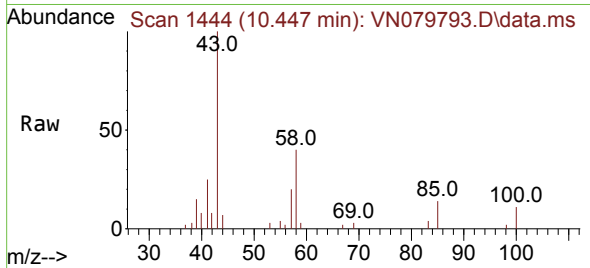




#51
4-Methyl-2-Pentanone
Concen: 3.996 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

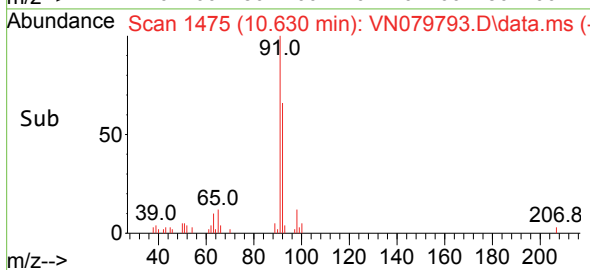
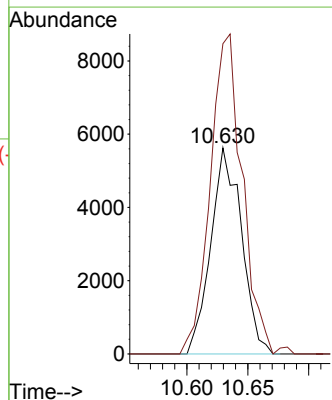
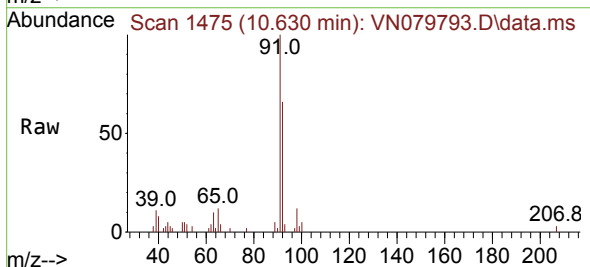
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

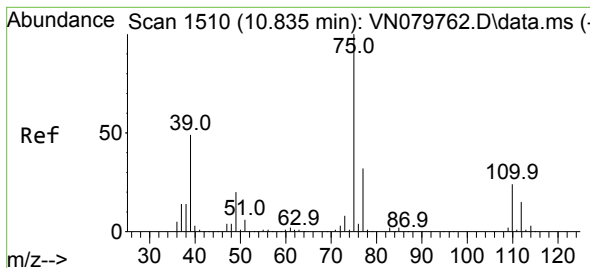
Tgt Ion: 43 Resp: 19763
Ion Ratio Lower Upper
43 100
58 35.1 36.6 54.8#



#52
Toluene
Concen: 1.018 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 92 Resp: 9872
Ion Ratio Lower Upper
92 100
91 162.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 0.828 ug/l

RT: 10.841 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

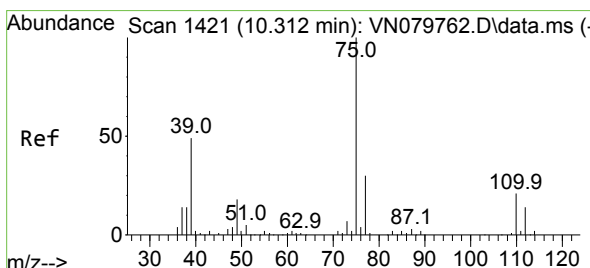
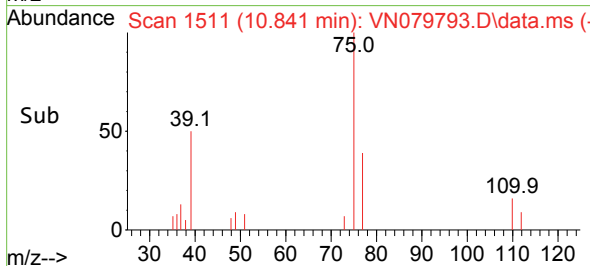
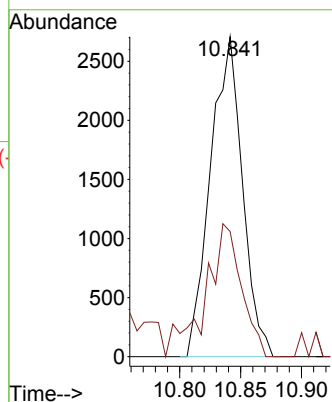
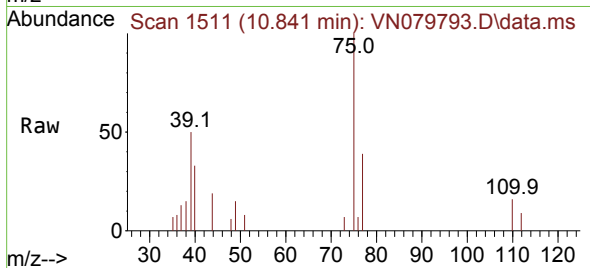
LOQ-WATER-02-QT4-2023

Tgt Ion: 75 Resp: 4940

Ion Ratio Lower Upper

75 100

77 39.1 25.4 38.0#



#54

cis-1,3-Dichloropropene

Concen: 0.802 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

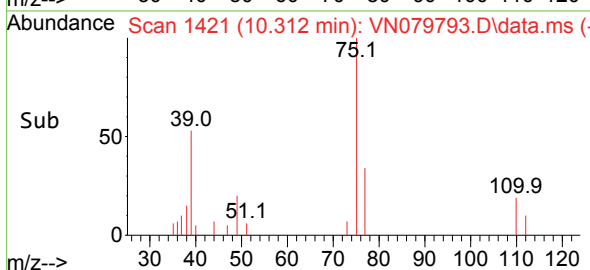
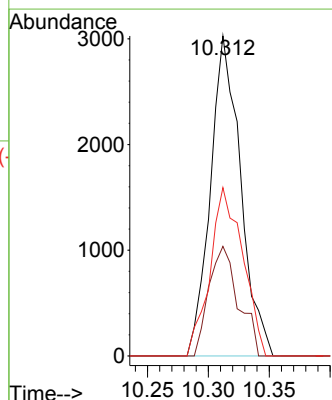
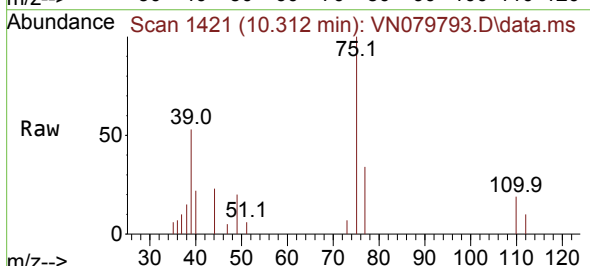
Tgt Ion: 75 Resp: 5218

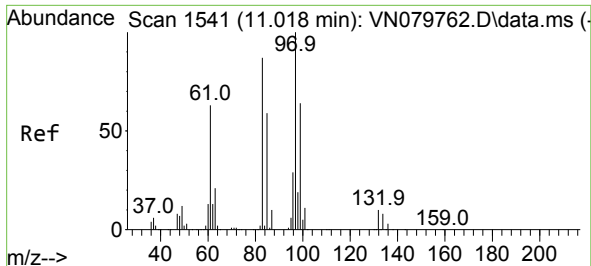
Ion Ratio Lower Upper

75 100

77 34.3 26.1 39.1

39 52.6 31.6 47.4#

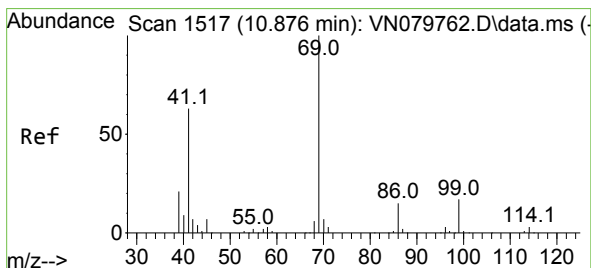
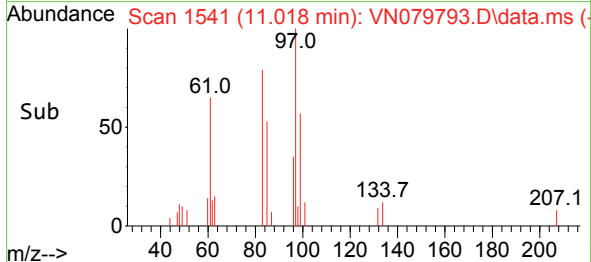
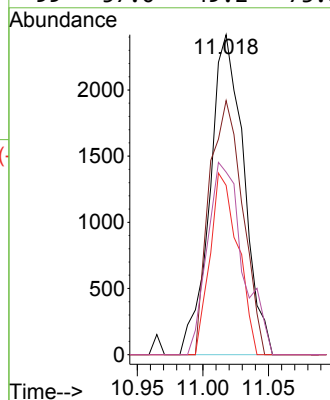
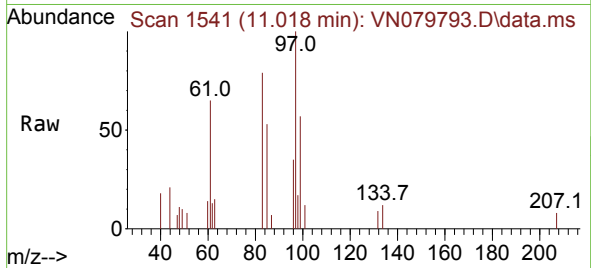




#55
1,1,2-Trichloroethane
Concen: 1.112 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

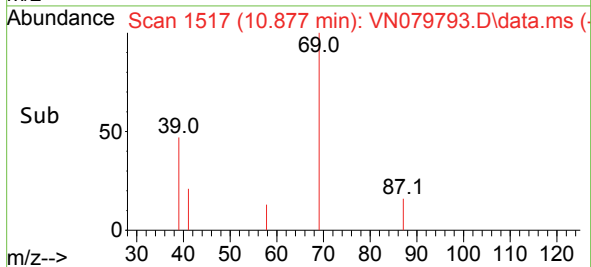
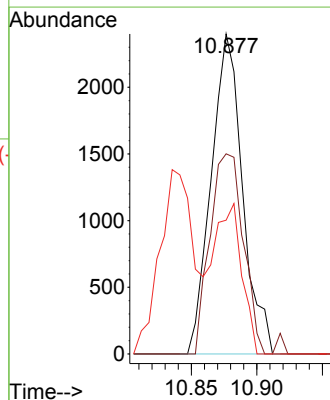
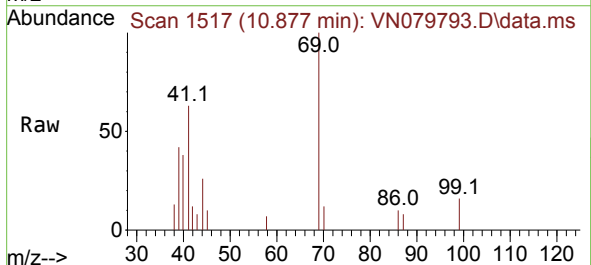
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion: 97	Resp: 4339
Ion Ratio	Lower Upper
97 100	
83 79.4	65.1 97.7
85 52.9	43.4 65.2
99 57.0	49.2 73.8



#56
Ethyl methacrylate
Concen: 0.717 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 69	Resp: 3991
Ion Ratio	Lower Upper
69 100	
41 66.7	39.6 59.4#
39 41.8	28.6 43.0





#57

1,3-Dichloropropane

Concen: 0.982 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

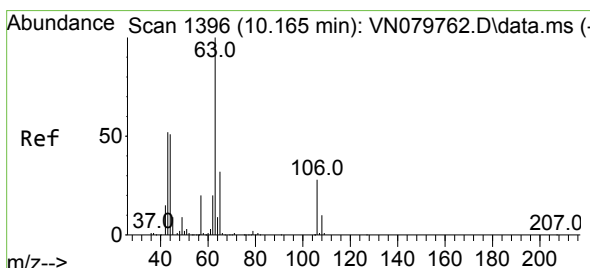
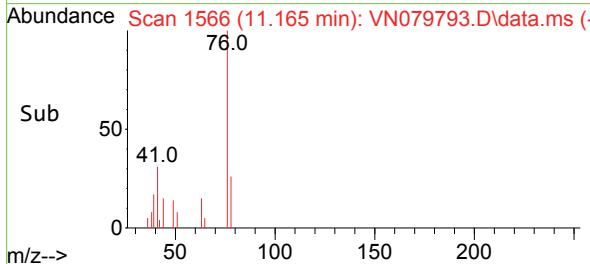
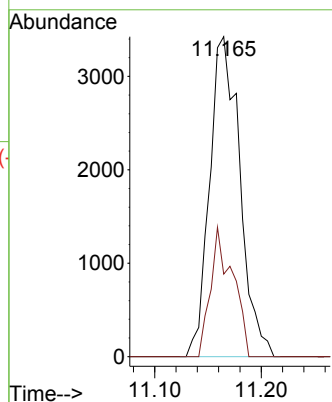
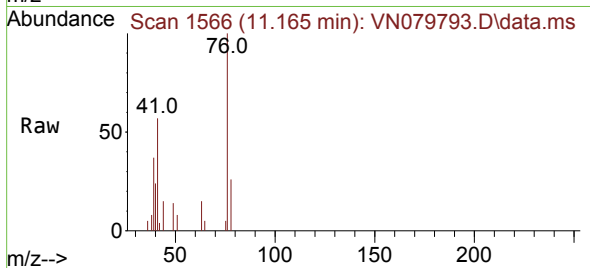
LOQ-WATER-02-QT4-2023

Tgt Ion: 76 Resp: 6750

Ion Ratio Lower Upper

76 100

78 29.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 3.692 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079793.D

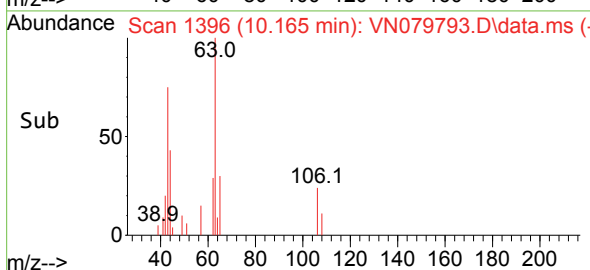
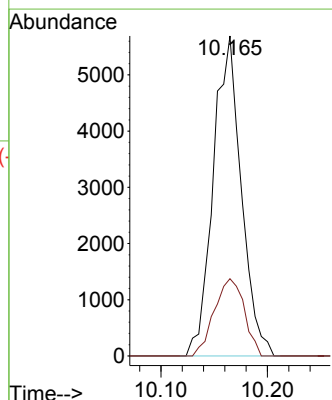
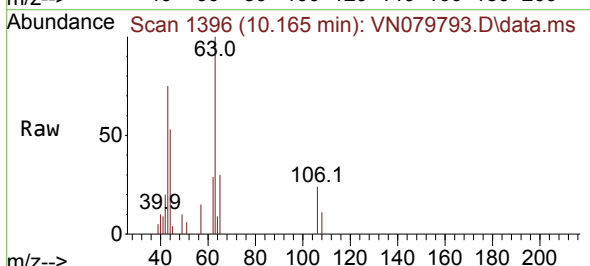
Acq: 02 Nov 2023 13:36

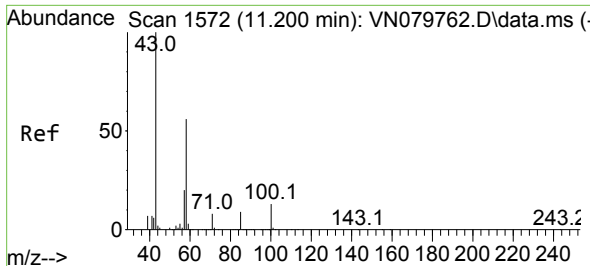
Tgt Ion: 63 Resp: 10413

Ion Ratio Lower Upper

63 100

106 25.7 26.2 39.4#

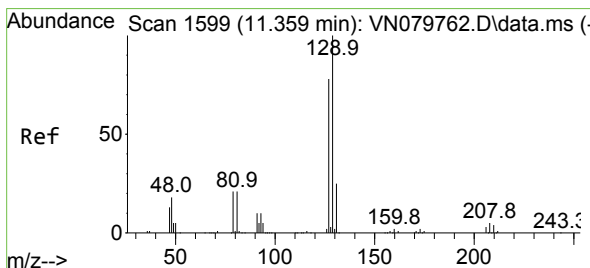
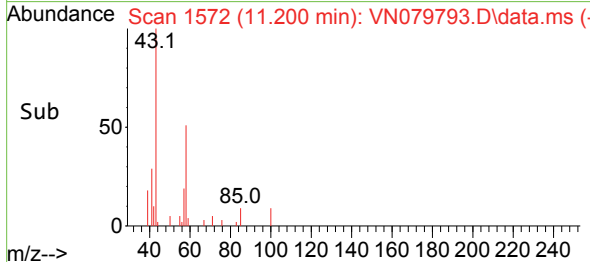
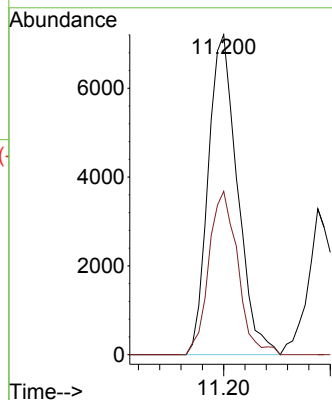
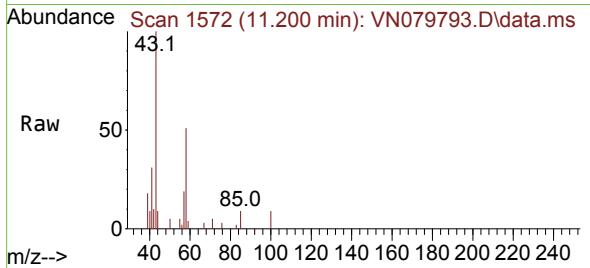




#59
2-Hexanone
Concen: 3.621 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

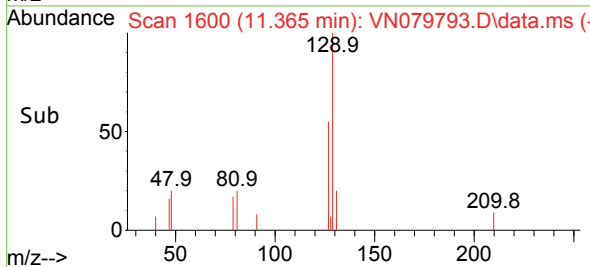
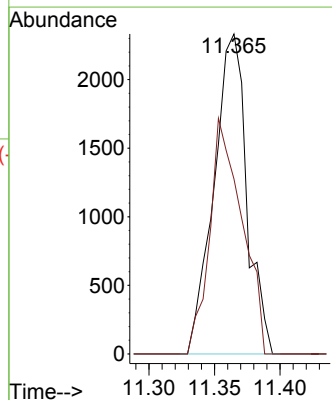
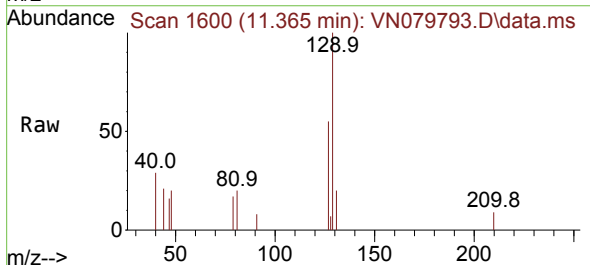
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

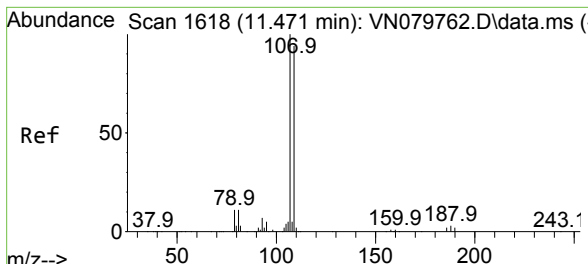
Tgt Ion: 43 Resp: 13702
Ion Ratio Lower Upper
43 100
58 50.6 31.7 95.1



#60
Dibromochloromethane
Concen: 0.974 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 129 Resp: 4068
Ion Ratio Lower Upper
129 100
127 72.7 38.6 116.0

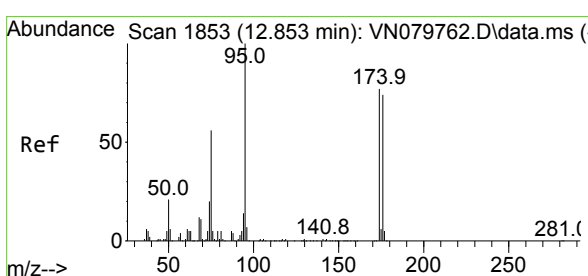
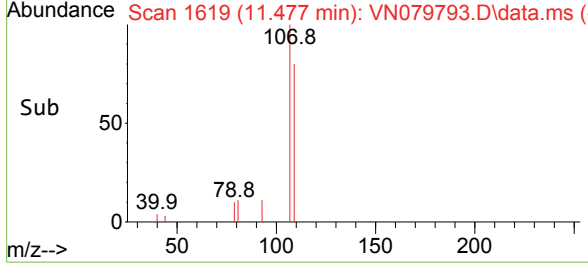
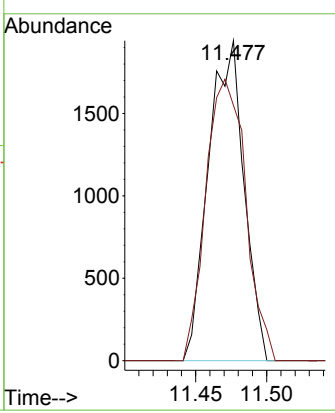
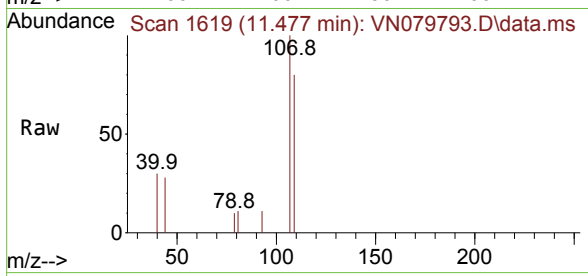




#61
 1,2-Dibromoethane
 Concen: 0.862 ug/l
 RT: 11.477 min Scan# 1619
 Delta R.T. 0.006 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

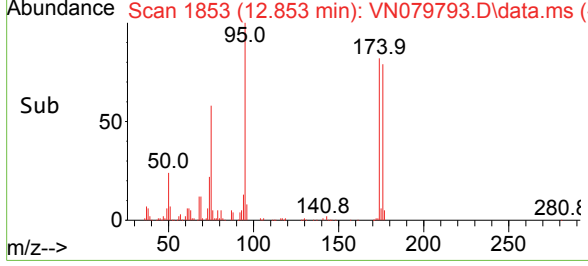
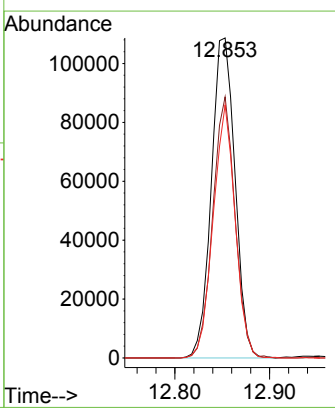
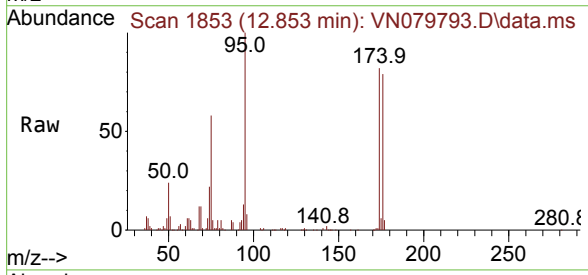
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT4-2023

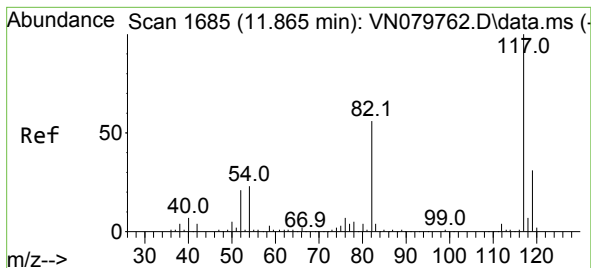
Tgt Ion:	107	Resp:	3376
Ion	Ratio	Lower	Upper
107	100		
109	98.8	76.6	114.8



#62
 4-Bromofluorobenzene
 Concen: 40.400 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

Tgt Ion:	95	Resp:	188702
Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	143.8
176	73.5	0.0	135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

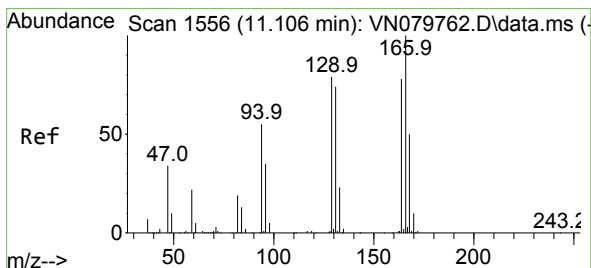
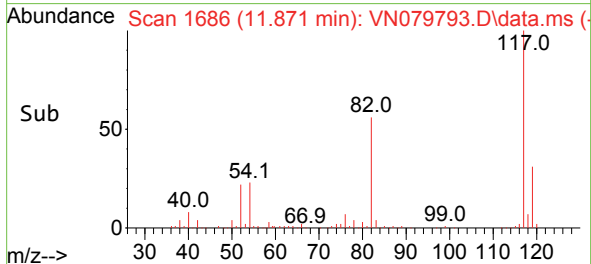
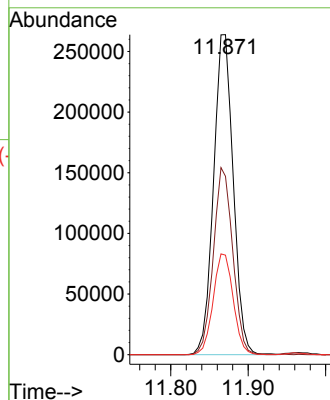
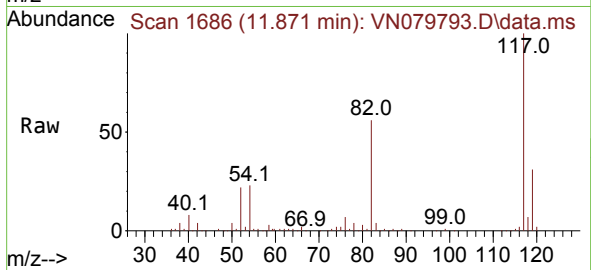
Tgt Ion:117 Resp: 465578

Ion Ratio Lower Upper

117 100

82 55.8 44.0 66.0

119 31.1 25.6 38.4



#64

Tetrachloroethene

Concen: 1.056 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Tgt Ion:164 Resp: 3184

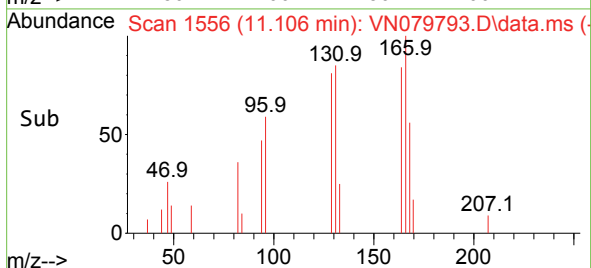
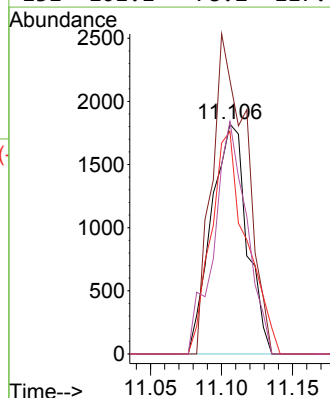
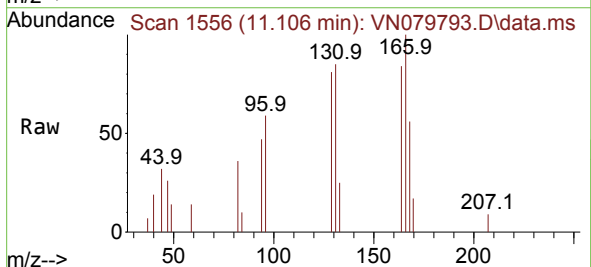
Ion Ratio Lower Upper

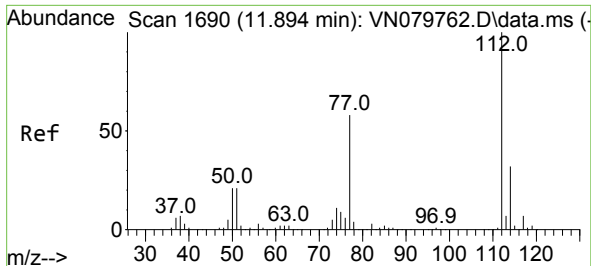
164 100

166 119.0 101.4 152.0

129 96.8 82.4 123.6

131 101.1 78.2 117.4

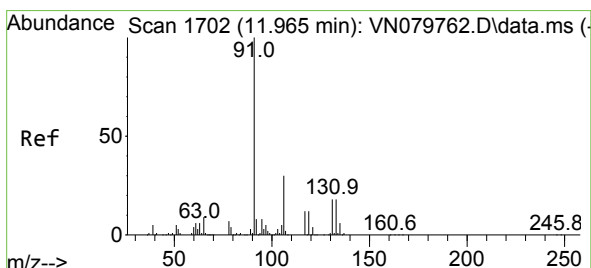
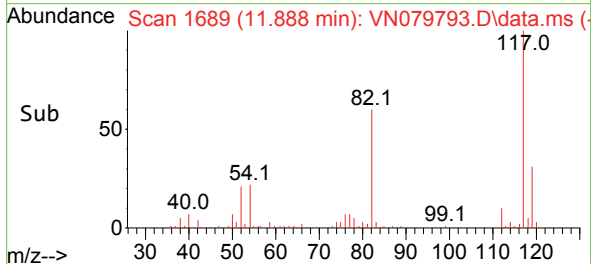
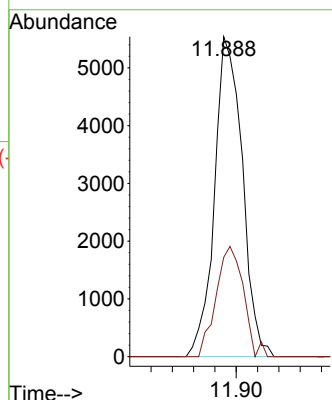
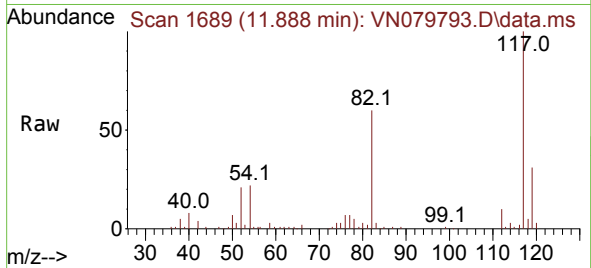




#65
Chlorobenzene
Concen: 0.992 ug/l
RT: 11.888 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

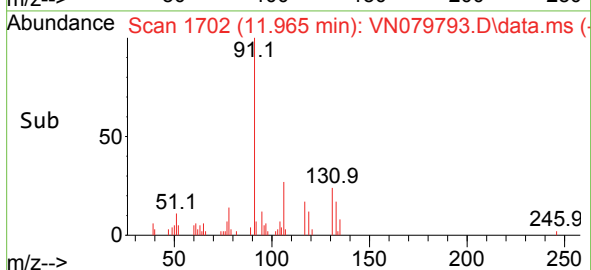
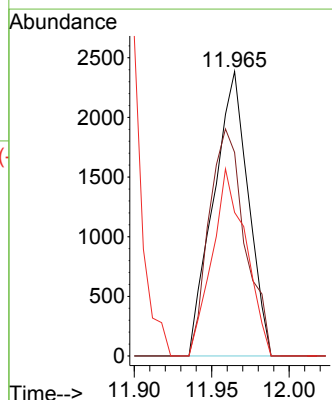
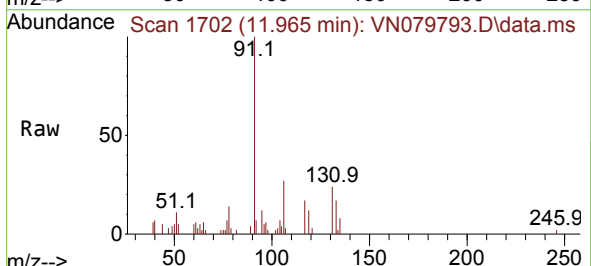
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

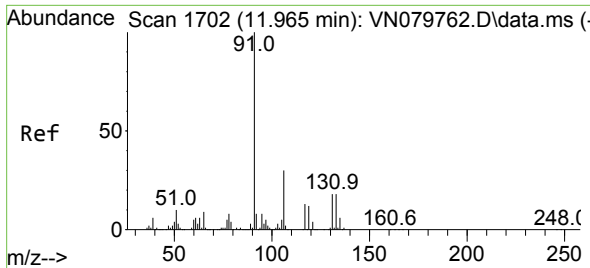
Tgt Ion:112 Resp: 10020
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 1.023 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:131 Resp: 3724
Ion Ratio Lower Upper
131 100
133 82.7 46.4 139.1
119 0.0 34.1 102.2#

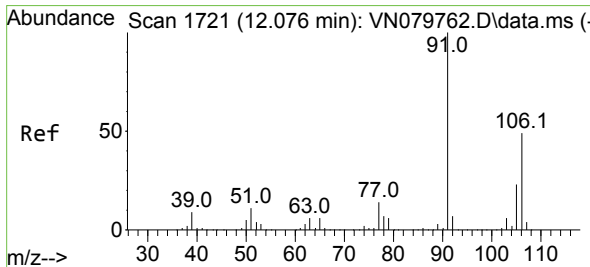
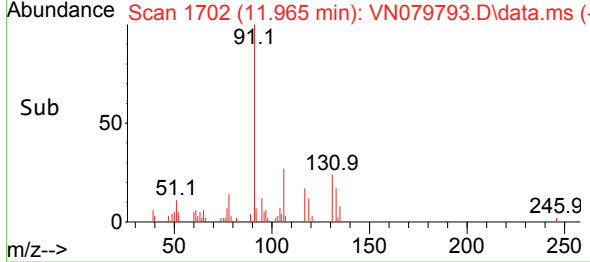
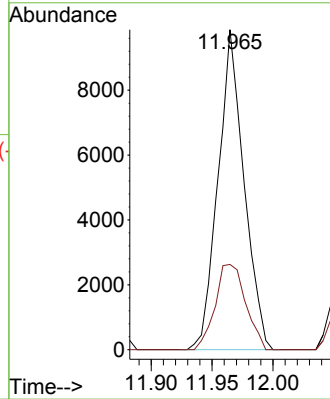
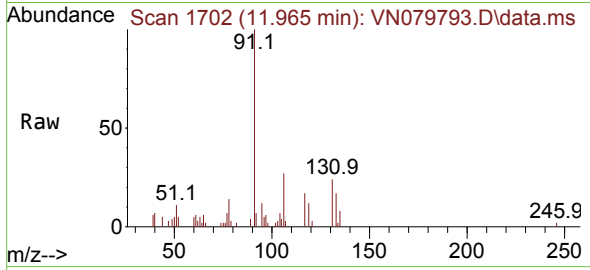




#67
Ethyl Benzene
Concen: 0.831 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

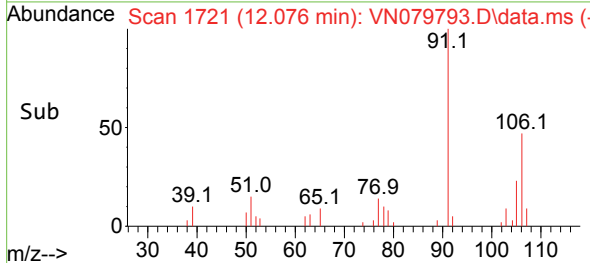
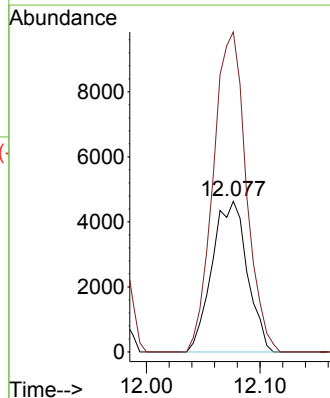
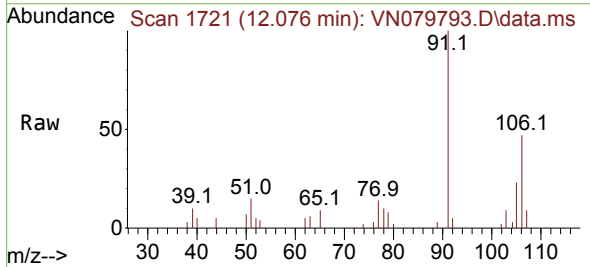
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

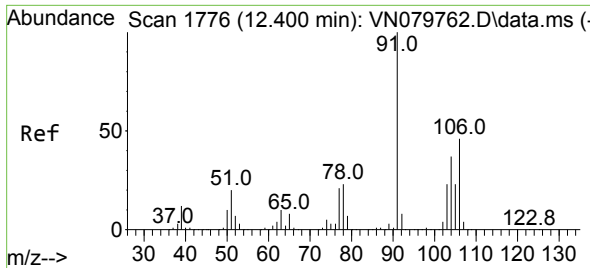
Tgt Ion: 91 Resp: 14623
Ion Ratio Lower Upper
91 100
106 26.7 25.6 38.4



#68
m/p-Xylenes
Concen: 1.519 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 106 Resp: 9954
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4

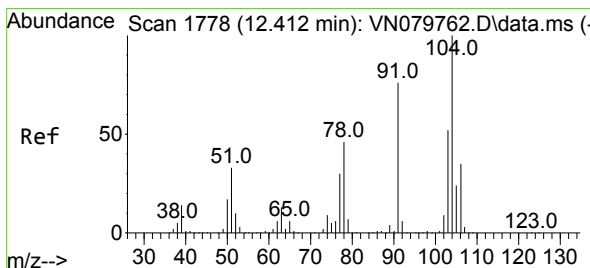
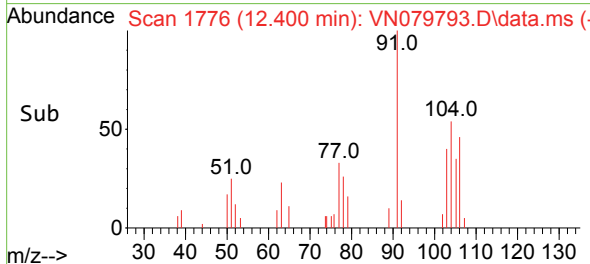
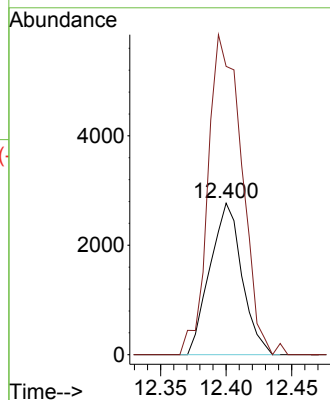
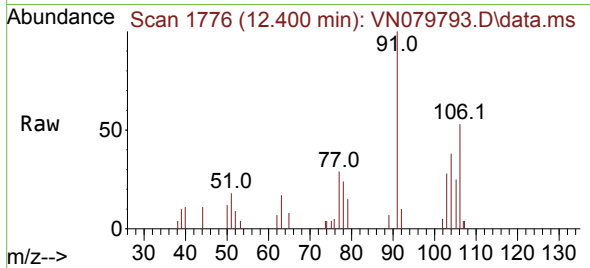




#69
o-Xylene
Concen: 0.746 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

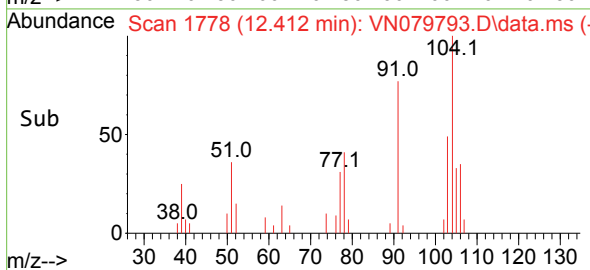
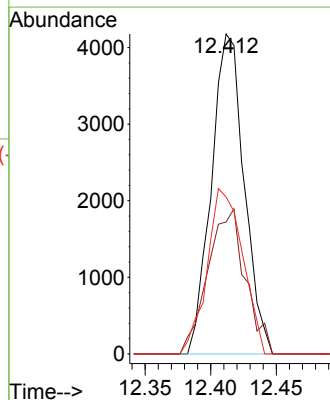
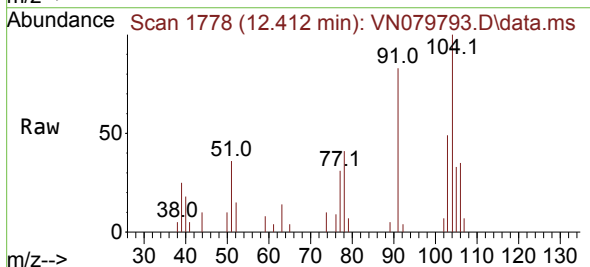
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

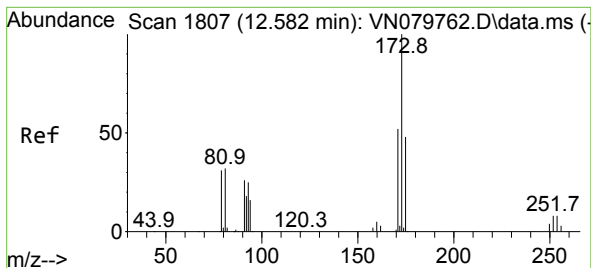
Tgt Ion:106 Resp: 4707
Ion Ratio Lower Upper
106 100
91 222.7 105.2 315.5



#70
Styrene
Concen: 0.716 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:104 Resp: 7261
Ion Ratio Lower Upper
104 100
78 51.8 39.5 59.3
103 56.0 43.2 64.8





#71

Bromoform

Concen: 0.939 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

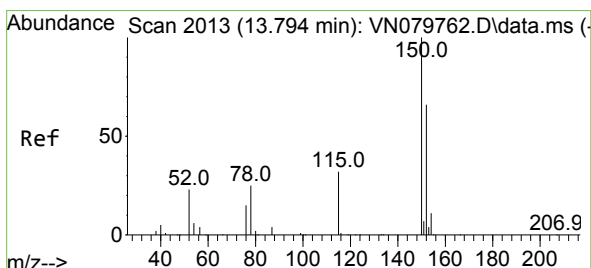
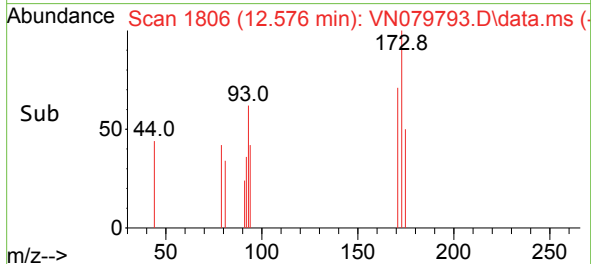
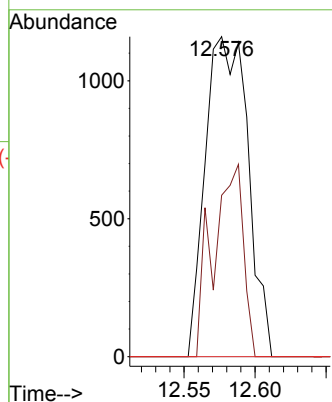
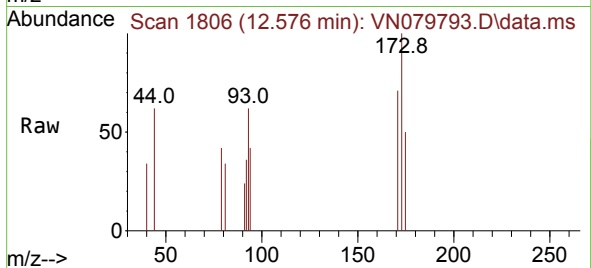
Tgt Ion:173 Resp: 2426

Ion Ratio Lower Upper

173 100

175 42.5 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: VN079793.D

Acq: 02 Nov 2023 13:36

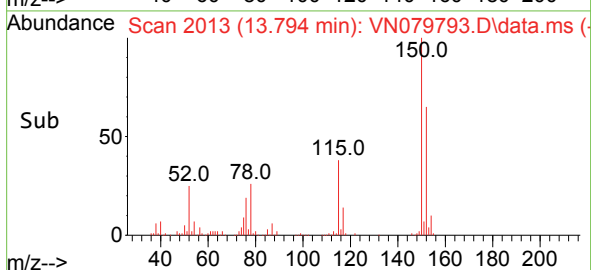
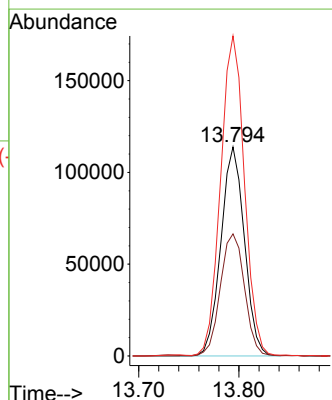
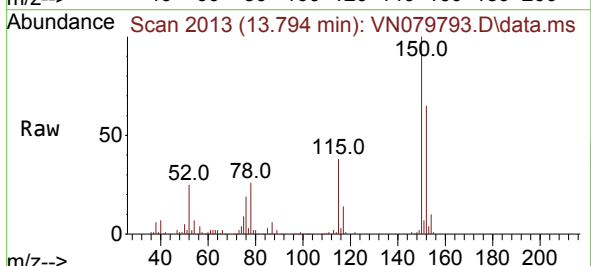
Tgt Ion:152 Resp: 185129

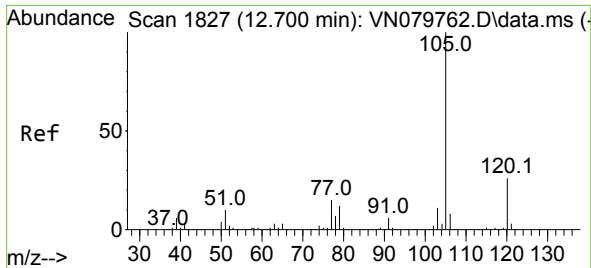
Ion Ratio Lower Upper

152 100

115 60.2 32.3 96.8

150 155.6 0.0 355.8

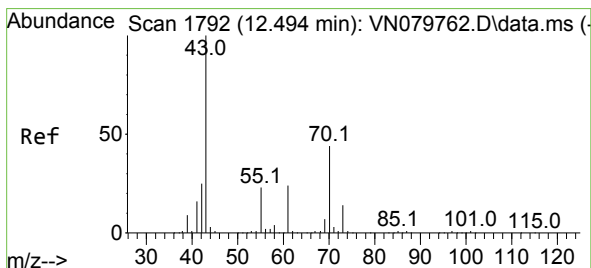
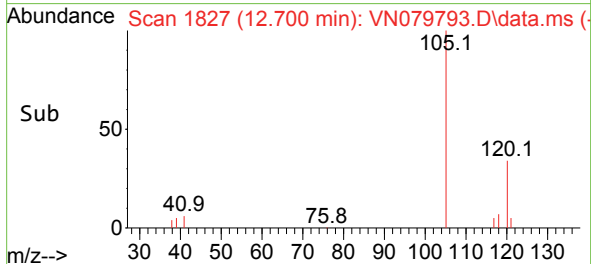
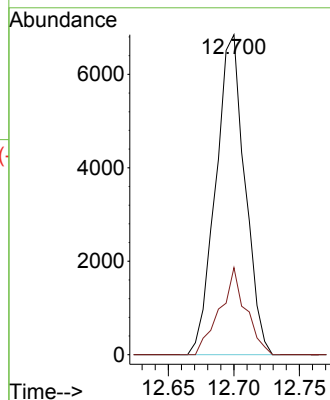
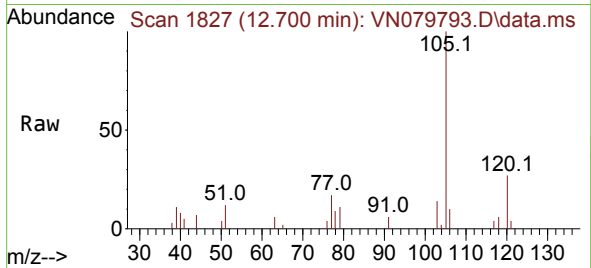




#73
Isopropylbenzene
Concen: 0.754 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

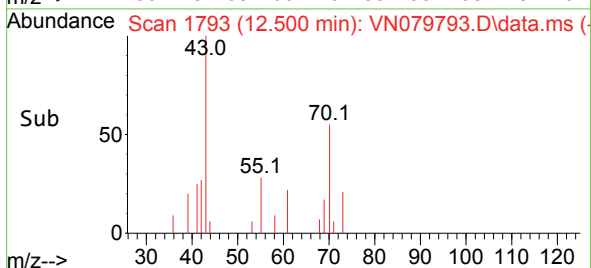
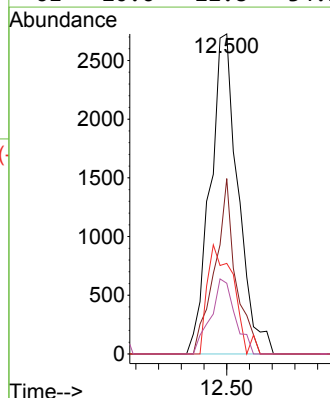
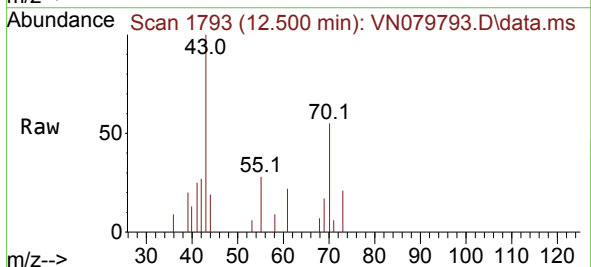
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

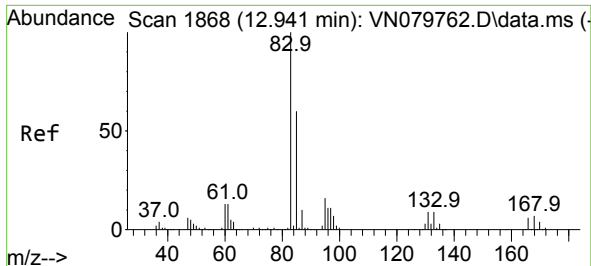
Tgt Ion:105 Resp: 10587
Ion Ratio Lower Upper
105 100
120 24.3 13.1 39.1



#74
N-ethyl acetate
Concen: 0.756 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 43 Resp: 4638
Ion Ratio Lower Upper
43 100
70 41.1 43.4 65.2#
55 31.9 21.4 32.0
61 20.6 22.8 34.2#

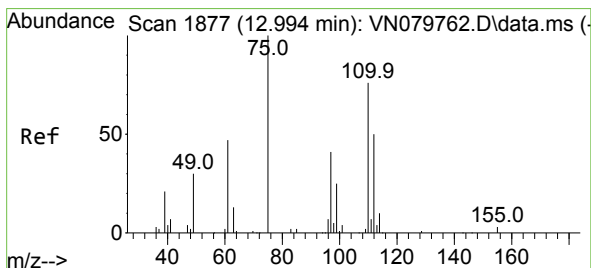
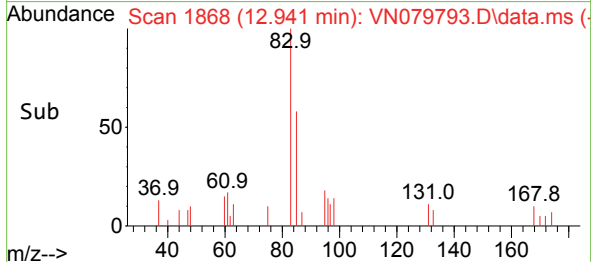
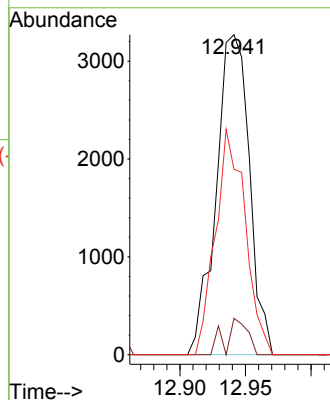
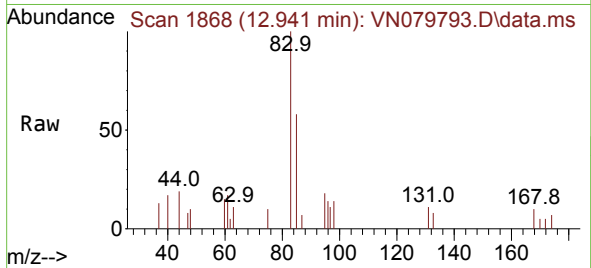




#75
1,1,2-Tetrachloroethane
Concen: 1.157 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

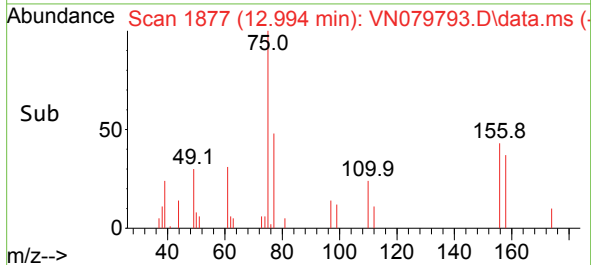
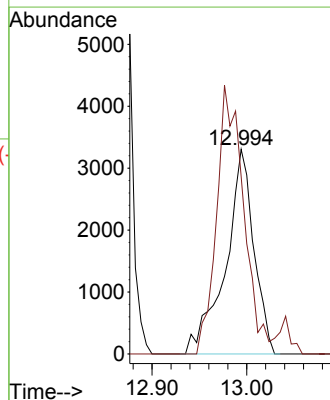
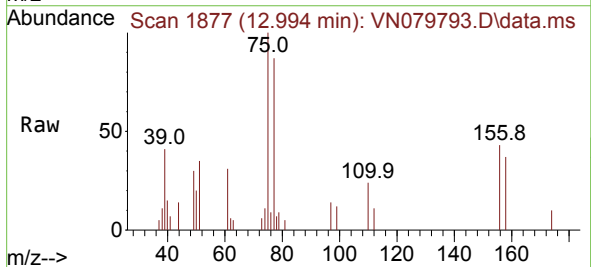
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023

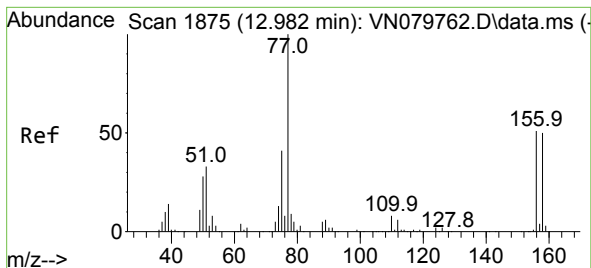
Tgt Ion:	83	Resp:	5765
Ion	Ratio	Lower	Upper
83	100		
131	7.4	5.0	15.0
85	63.1	31.9	95.7



#76
1,2,3-Trichloropropane
Concen: 1.579 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:	75	Resp:	6862
Ion	Ratio	Lower	Upper
75	100		
77	124.9	84.5	253.5





#77

Bromobenzene

Concen: 1.131 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

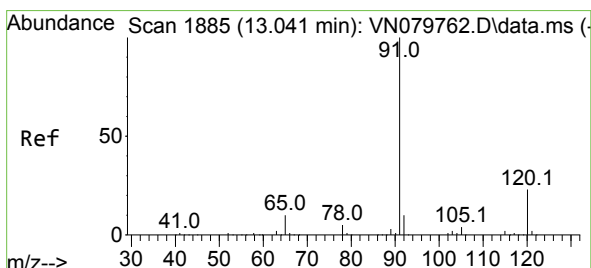
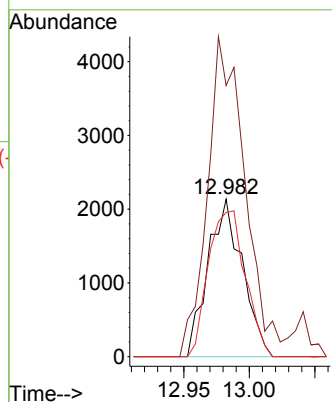
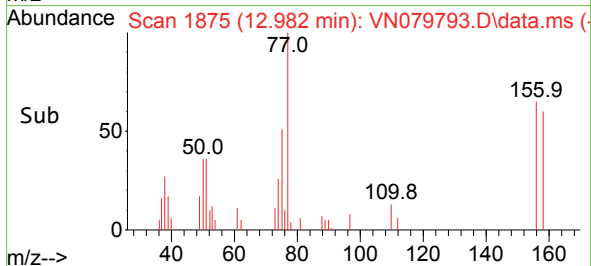
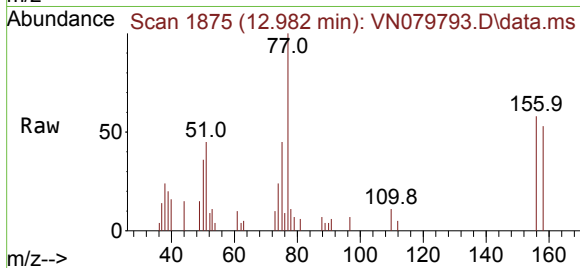
Tgt Ion:156 Resp: 3889

Ion Ratio Lower Upper

156 100

77 220.4 107.7 323.3

158 99.9 48.4 145.3



#78

n-propylbenzene

Concen: 0.906 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN079793.D

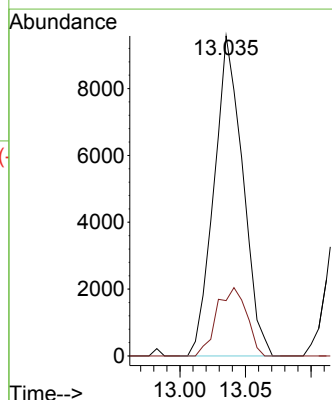
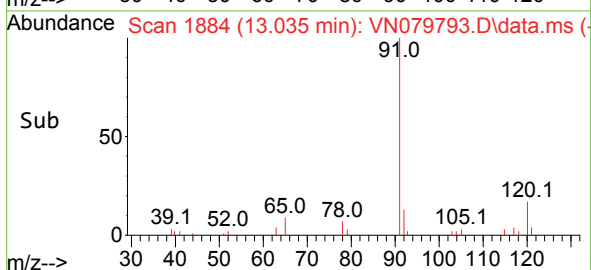
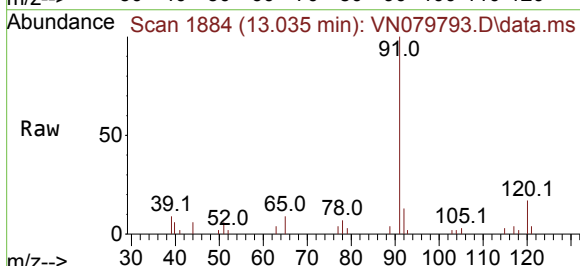
Acq: 02 Nov 2023 13:36

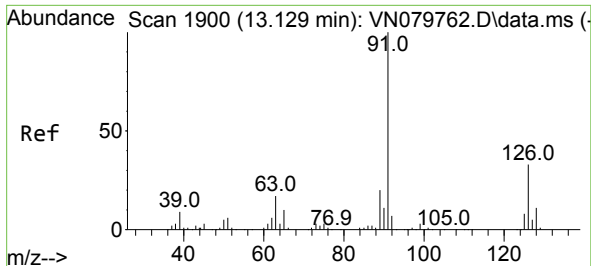
Tgt Ion: 91 Resp: 14572

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

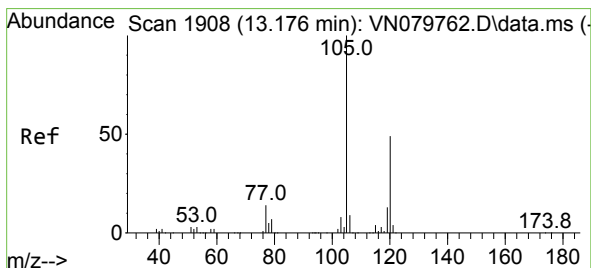
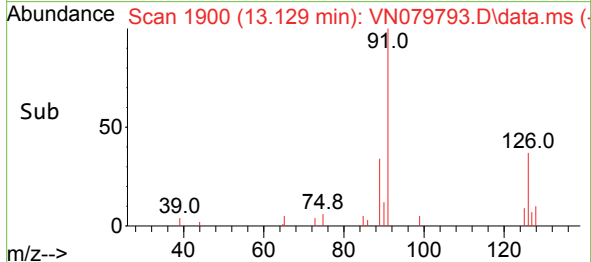
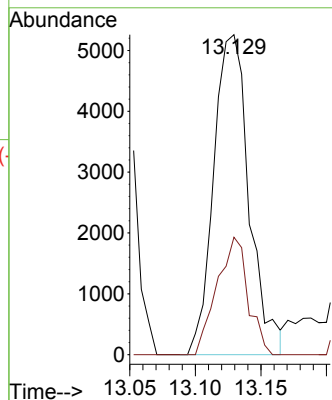
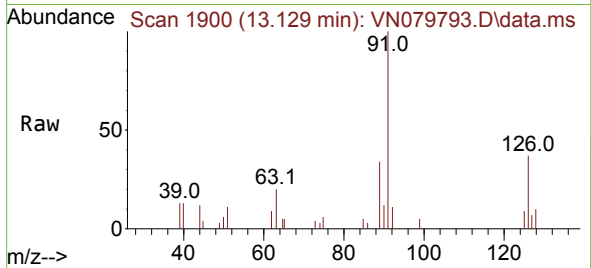




#79
2-Chlorotoluene
Concen: 0.963 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

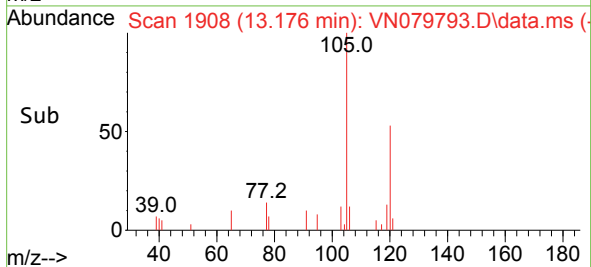
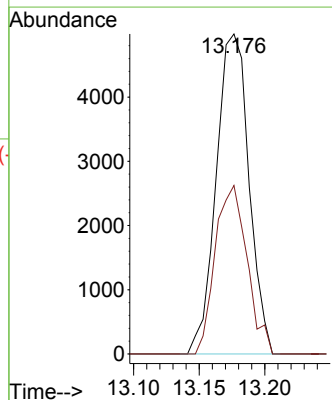
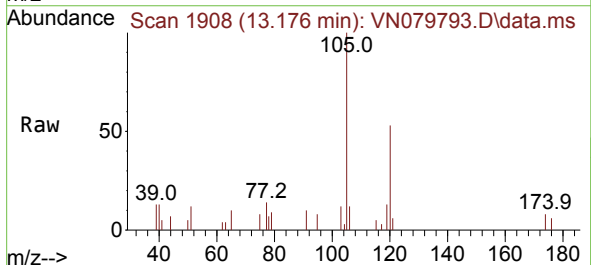
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

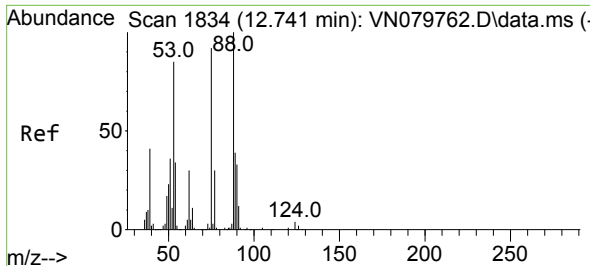
Tgt Ion: 91 Resp: 9898
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.791 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 105 Resp: 8650
Ion Ratio Lower Upper
105 100
120 51.2 24.1 72.3

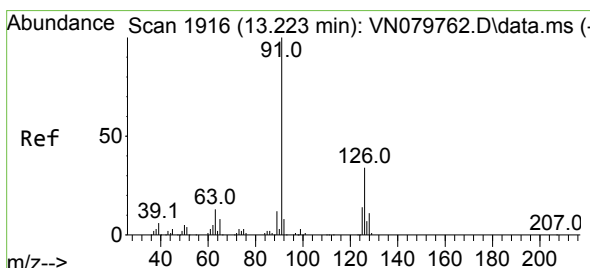
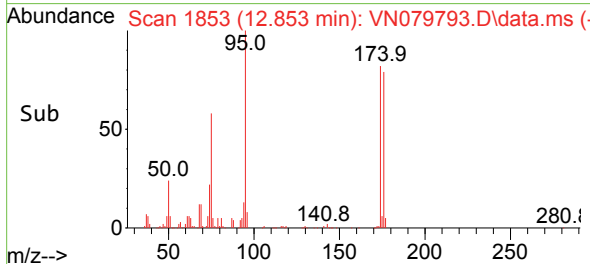
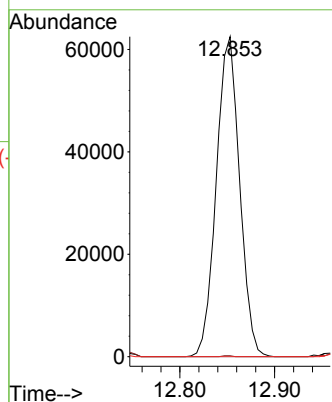
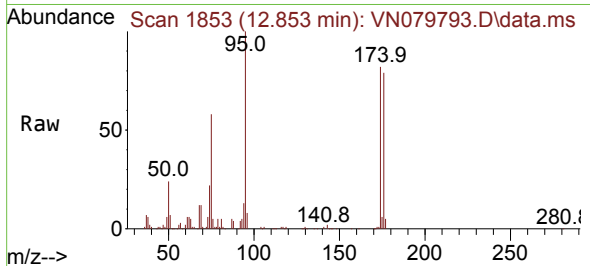




#81
trans-1,4-Dichloro-2-butene
Concen: 66.960 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

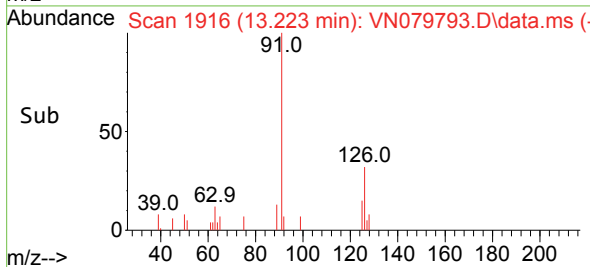
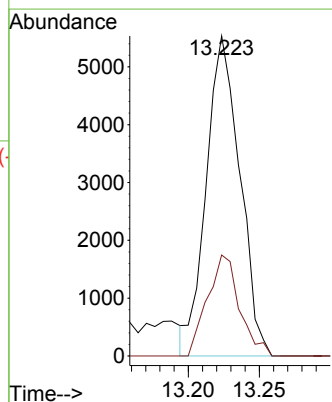
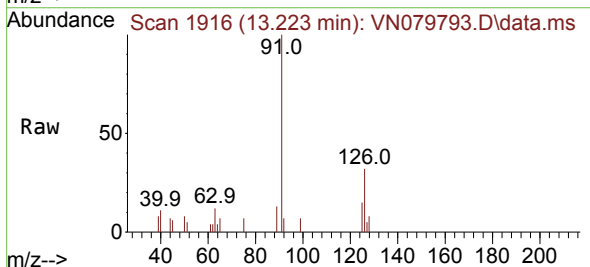
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023

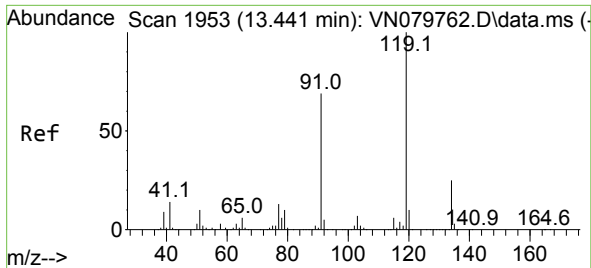
Tgt Ion: 75 Resp: 106965
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.890 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 91 Resp: 9093
Ion Ratio Lower Upper
91 100
126 30.1 16.7 50.0

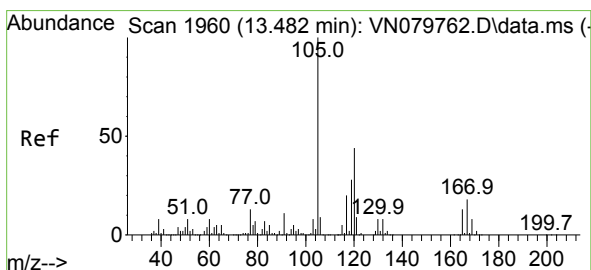
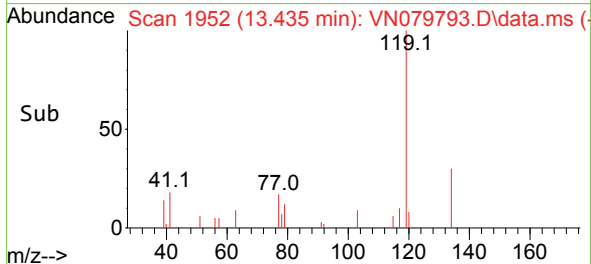
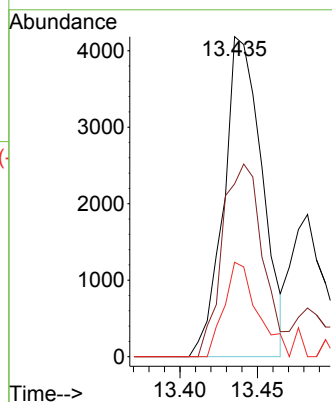
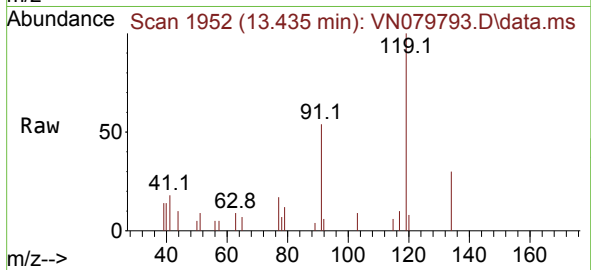




#83
tert-Butylbenzene
Concen: 0.805 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

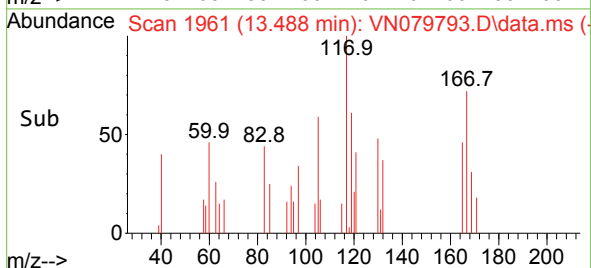
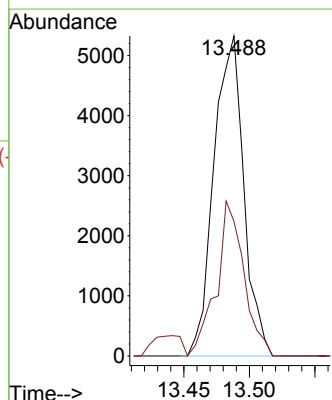
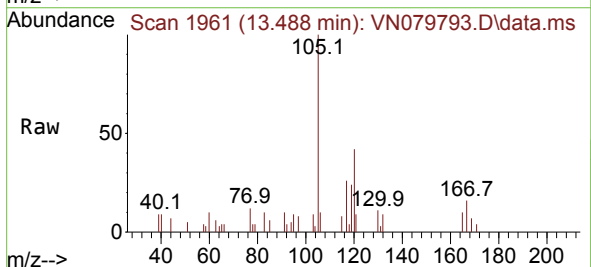
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023

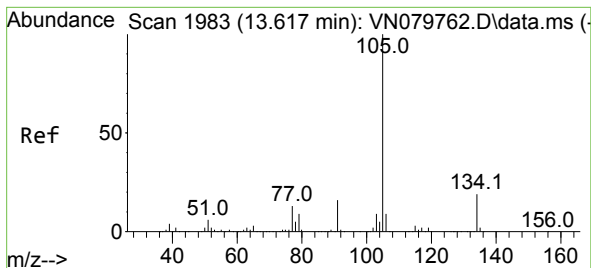
Tgt Ion:119	Resp:	7200
Ion	Ratio	Lower Upper
119	100	
91	64.4	33.9 101.7
134	25.6	13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.783 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:105	Resp:	8416
Ion	Ratio	Lower Upper
105	100	
120	44.5	22.0 66.0





#85

sec-Butylbenzene

Concen: 0.727 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

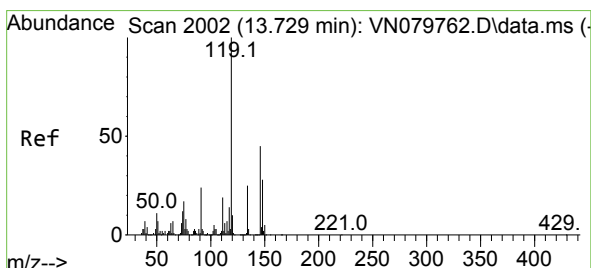
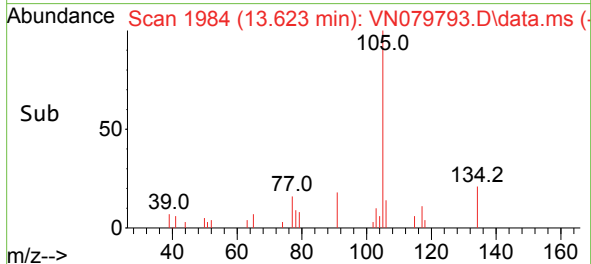
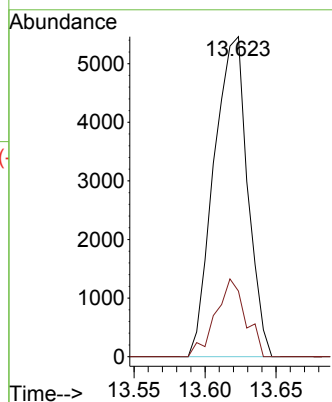
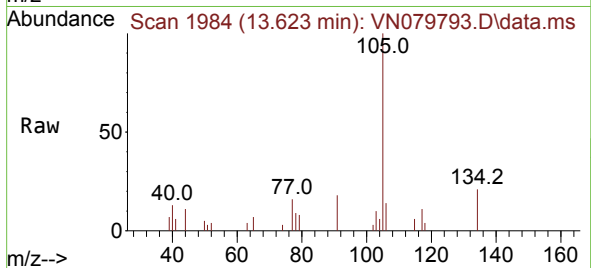
LOQ-WATER-02-QT4-2023

Tgt Ion:105 Resp: 9017

Ion Ratio Lower Upper

105 100

134 21.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.732 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

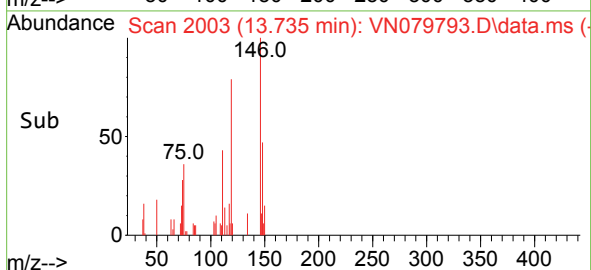
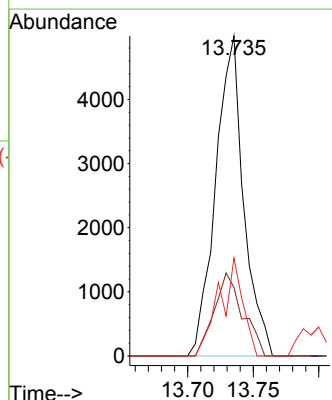
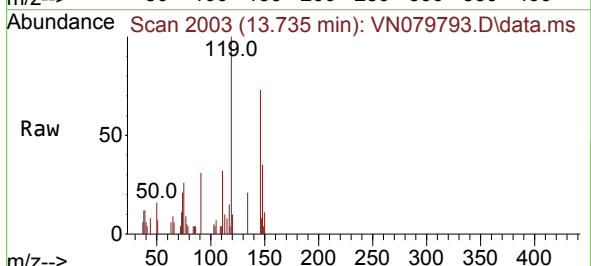
Tgt Ion:119 Resp: 7394

Ion Ratio Lower Upper

119 100

134 26.6 12.6 37.8

91 25.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.953 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

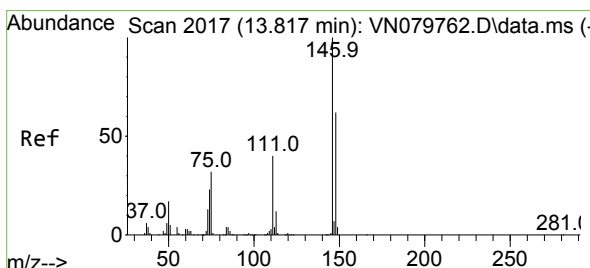
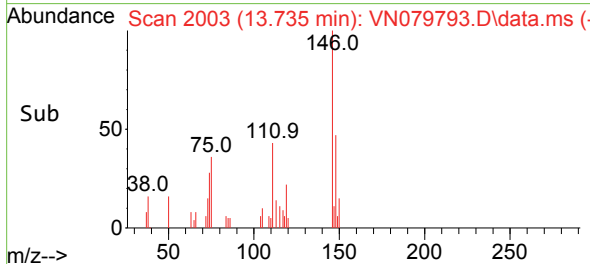
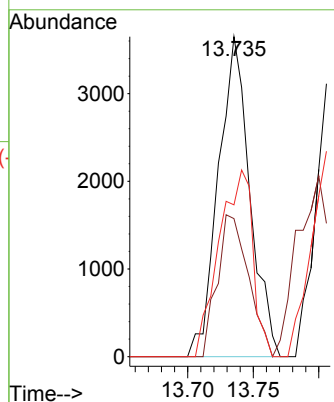
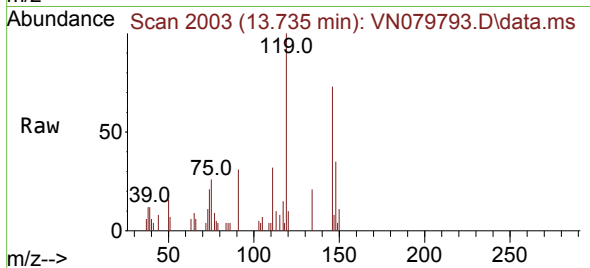
Tgt Ion:146 Resp: 6100

Ion Ratio Lower Upper

146 100

111 43.8 22.1 66.3

148 62.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.939 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.082 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

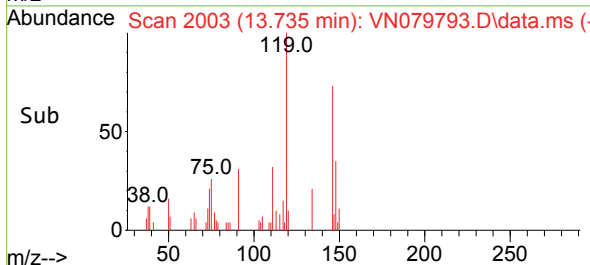
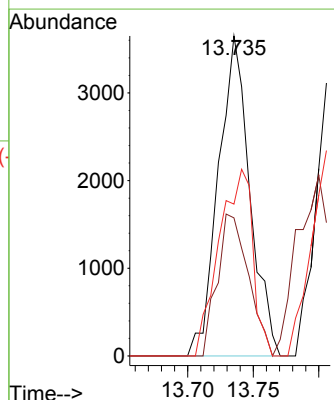
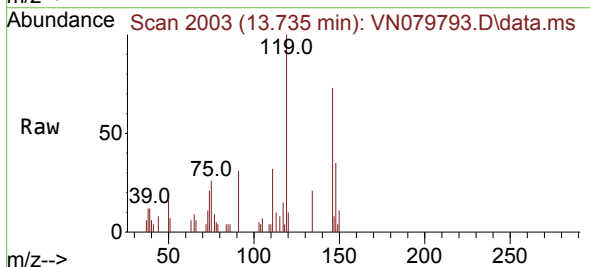
Tgt Ion:146 Resp: 6100

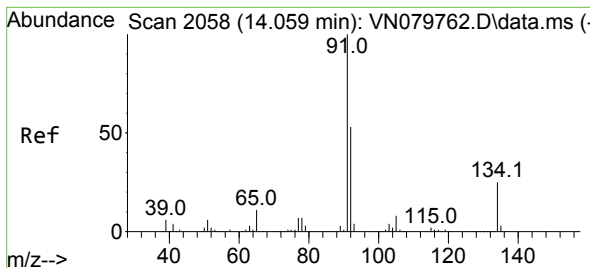
Ion Ratio Lower Upper

146 100

111 43.8 20.6 61.8

148 62.5 31.6 94.8





#89

n-Butylbenzene

Concen: 0.862 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

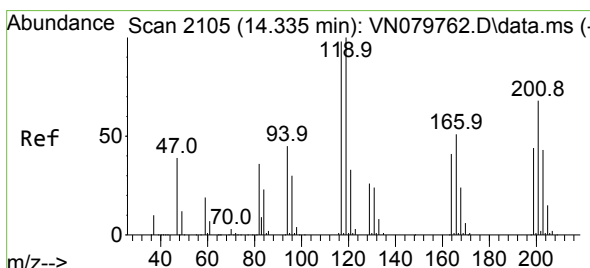
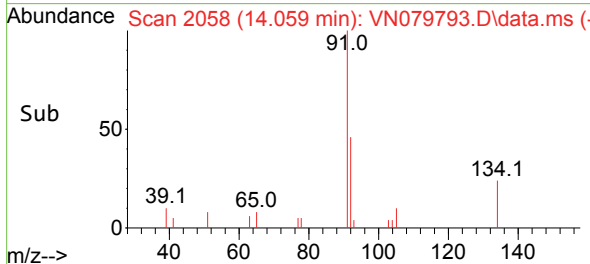
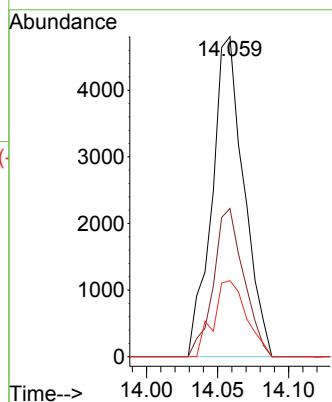
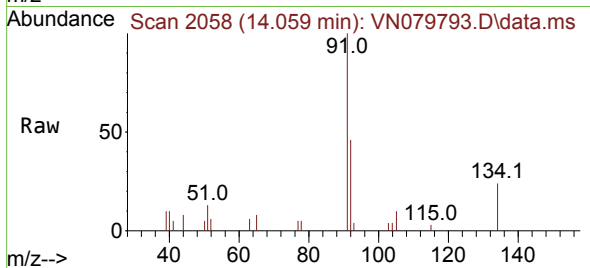
Tgt Ion: 91 Resp: 7507

Ion Ratio Lower Upper

91 100

92 44.0 26.4 79.0

134 24.7 12.6 37.6



#90

Hexachloroethane

Concen: 0.945 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN079793.D

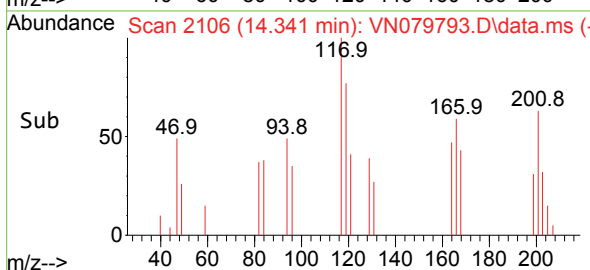
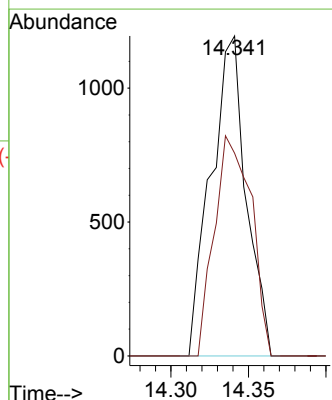
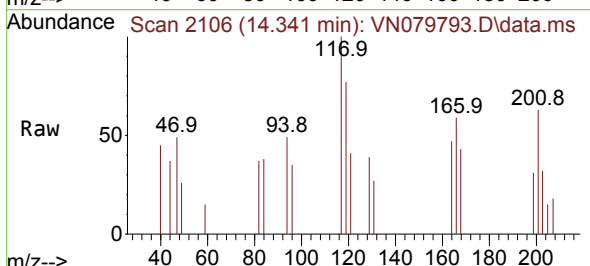
Acq: 02 Nov 2023 13:36

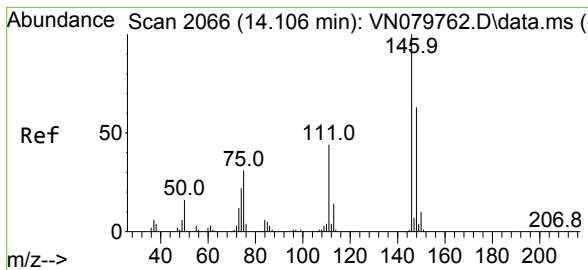
Tgt Ion: 117 Resp: 1891

Ion Ratio Lower Upper

117 100

201 71.8 29.3 88.0

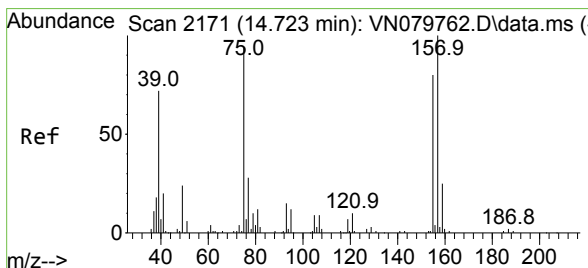
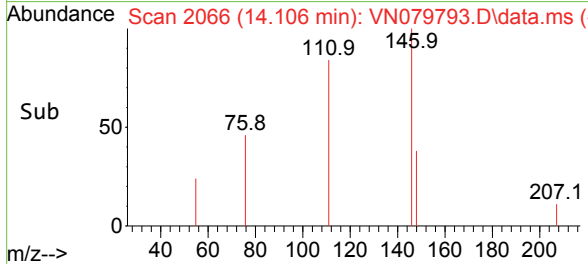
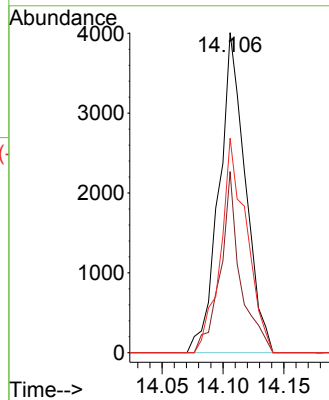
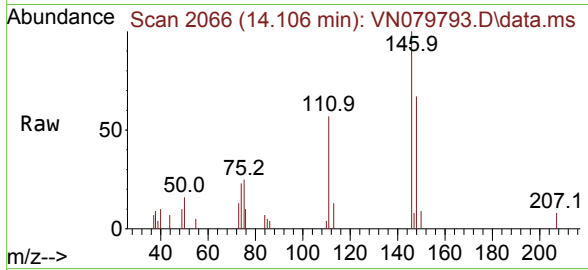




#91
1,2-Dichlorobenzene
Concen: 1.001 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

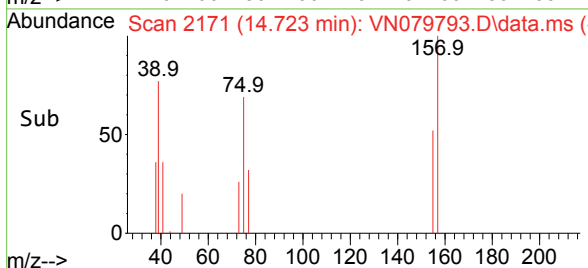
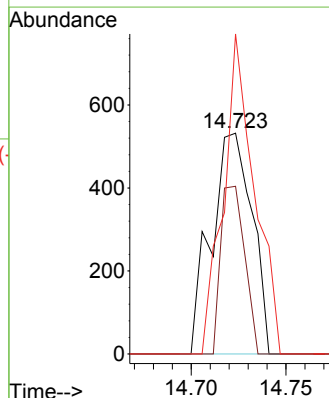
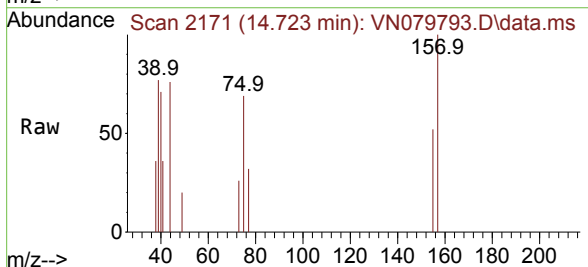
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

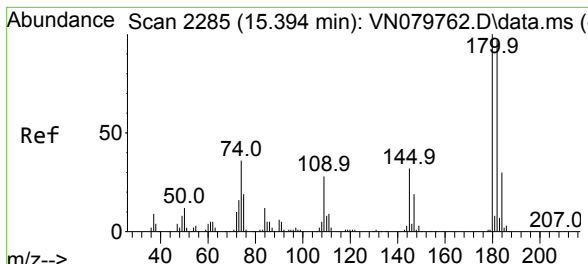
Tgt Ion:	146	Resp:	6046
Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.0	66.0
148	65.7	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.946 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:	75	Resp:	799
Ion	Ratio	Lower	Upper
75	100		
155	44.7	39.1	117.2
157	109.6	50.3	150.9

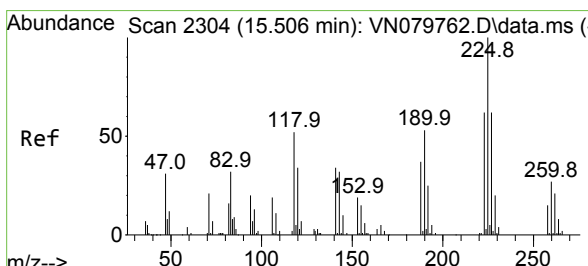
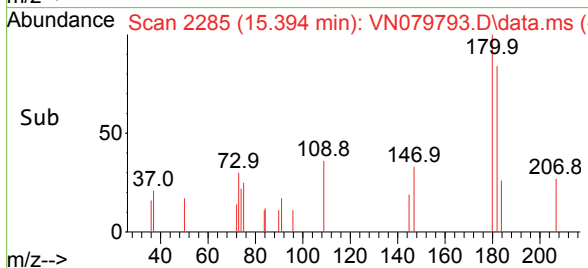
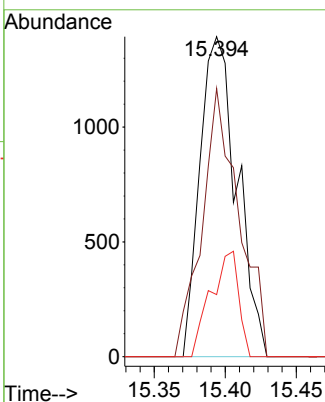
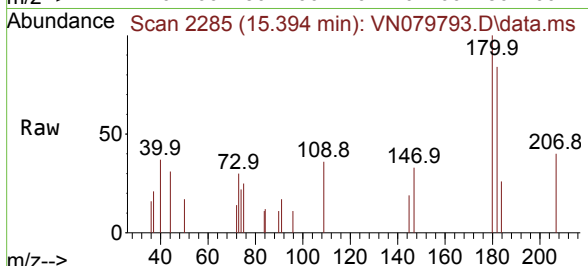




#93
 1,2,4-Trichlorobenzene
 Concen: 0.880 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

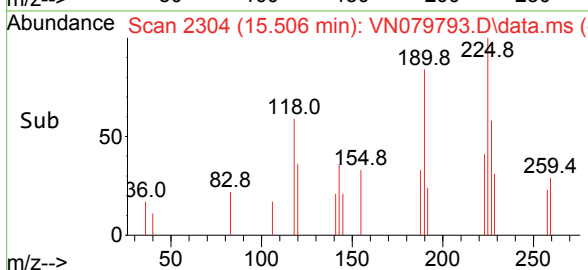
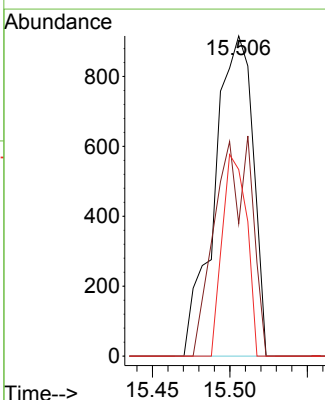
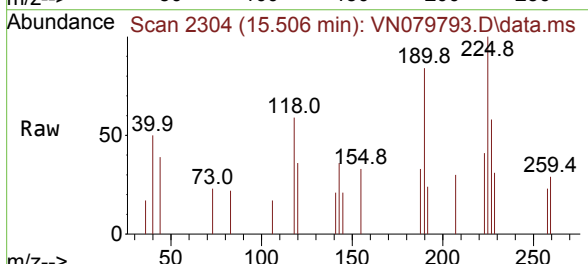
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

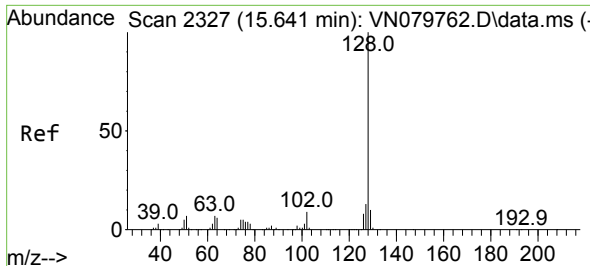
Tgt Ion:	180	Resp:	2528
Ion	Ratio	Lower	Upper
180	100		
182	83.2	46.1	138.2
145	24.6	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 1.215 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

Tgt Ion:	225	Resp:	1582
Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.3	93.8
227	39.9	31.9	95.9

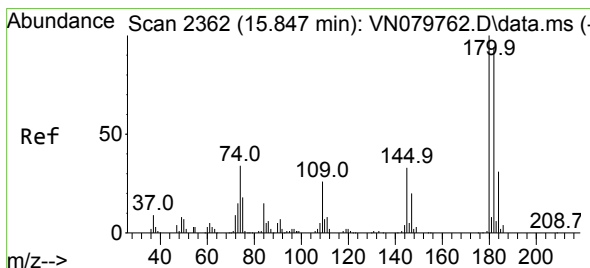
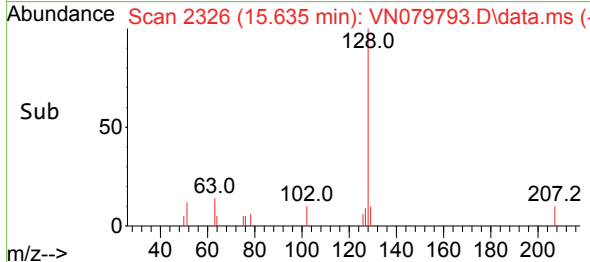
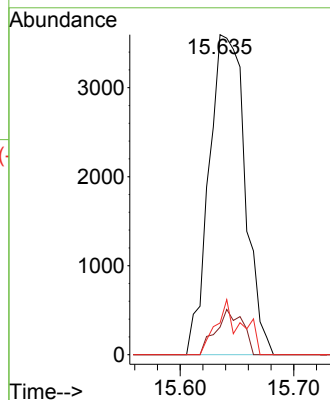
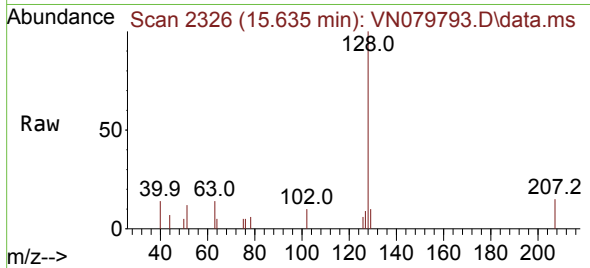




#95
Naphthalene
Concen: 0.811 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:	128	Resp:	7898
Ion Ratio	Lower	Upper	
128	100		
127	10.5	10.0	15.0
129	12.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.751 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:	180	Resp:	2114
Ion Ratio	Lower	Upper	
180	100		
182	111.9	46.2	138.6
145	42.9	17.5	52.6

