

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079782.D
 Acq On : 01 Nov 2023 19:30
 Operator : JC\MD
 Sample : 04699-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Nov 02 05:58:32 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	255914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	468478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	415230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	233529	59.896	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.800%
35) Dibromofluoromethane	8.171	113	178465	53.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.640%
50) Toluene-d8	10.571	98	629688	51.587	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.853	95	193950	47.910	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.820%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	3654	1.185	ug/l	93
3) Chloromethane	2.359	50	7392	1.234	ug/l	99
4) Vinyl Chloride	2.512	62	5653	1.401	ug/l #	71
5) Bromomethane	2.953	94	4403	1.796	ug/l	95
6) Chloroethane	3.112	64	6131	1.923	ug/l #	76
7) Trichlorofluoromethane	3.501	101	6826	1.360	ug/l #	78
8) Diethyl Ether	3.971	74	2583	1.356	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	3294	1.132	ug/l #	79
10) Methyl Iodide	4.583	142	2101	0.632	ug/l #	91
11) Tert butyl alcohol	5.530	59	3774	7.583	ug/l #	79
12) 1,1-Dichloroethene	4.348	96	3431	1.246	ug/l	80
13) Acrolein	4.183	56	1883	6.530	ug/l #	79
14) Allyl chloride	5.024	41	5730	1.358	ug/l #	74
15) Acrylonitrile	5.712	53	9969	6.427	ug/l #	74
16) Acetone	4.436	43	9415	6.875	ug/l	93
17) Carbon Disulfide	4.712	76	10311	1.298	ug/l #	93
18) Methyl Acetate	5.030	43	8934	1.363	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	10775	1.136	ug/l #	82
20) Methylene Chloride	5.277	84	5657	1.637	ug/l #	79
21) trans-1,2-Dichloroethene	5.783	96	3804	1.238	ug/l	85
22) Diisopropyl ether	6.683	45	11046	1.130	ug/l #	87
23) Vinyl Acetate	6.612	43	36041	6.683	ug/l #	83
24) 1,1-Dichloroethane	6.565	63	7456	1.255	ug/l #	81
25) 2-Butanone	7.494	43	13153	6.558	ug/l #	72
26) 2,2-Dichloropropane	7.494	77	5648	1.149	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	4428	1.205	ug/l	81
28) Bromochloromethane	7.824	49	3251	1.123	ug/l #	59
29) Tetrahydrofuran	7.847	42	8234	6.311	ug/l #	73
30) Chloroform	7.971	83	10006	1.550	ug/l	90
31) Cyclohexane	8.235	56	12041	2.337	ug/l #	56
32) 1,1,1-Trichloroethane	8.165	97	6908	1.313	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	5546	1.171	ug/l	91
37) Ethyl Acetate	7.565	43	5578	1.285	ug/l #	79
38) Carbon Tetrachloride	8.359	117	5824	1.221	ug/l #	90
39) Methylcyclohexane	9.606	83	5239	1.176	ug/l #	85
40) Benzene	8.612	78	18469	1.302	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	3173	1.376	ug/l #	75
42) 1,2-Dichloroethane	8.665	62	7467	1.508	ug/l	91
43) Isopropyl Acetate	8.694	43	8396	1.103	ug/l #	79
44) Trichloroethene	9.359	130	4265	1.212	ug/l	80
45) 1,2-Dichloropropane	9.630	63	4655	1.285	ug/l #	80
46) Dibromomethane	9.706	93	3352	1.355	ug/l	95
47) Bromodichloromethane	9.894	83	7485	1.418	ug/l #	99
48) Methyl methacrylate	9.682	41	3480	1.043	ug/l #	77
49) 1,4-Dioxane	9.694	88	980	16.629	ug/l #	54
51) 4-Methyl-2-Pentanone	10.447	43	23579	5.500	ug/l #	83
52) Toluene	10.635	92	9951	1.184	ug/l	89
53) t-1,3-Dichloropropene	10.841	75	5928	1.146	ug/l #	77
54) cis-1,3-Dichloropropene	10.318	75	6055	1.074	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	4090	1.210	ug/l #	91
56) Ethyl methacrylate	10.876	69	4936	1.023	ug/l #	83
57) 1,3-Dichloropropane	11.171	76	6644	1.115	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	10754	4.399	ug/l #	87
59) 2-Hexanone	11.200	43	18003	5.490	ug/l	85
60) Dibromochloromethane	11.353	129	4324	1.195	ug/l	100
61) 1,2-Dibromoethane	11.471	107	4241	1.250	ug/l	95
64) Tetrachloroethene	11.106	164	3575	1.329	ug/l	90
65) Chlorobenzene	11.894	112	11718	1.301	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	3765	1.160	ug/l #	62
67) Ethyl Benzene	11.971	91	16614	1.059	ug/l	97
68) m/p-Xylenes	12.076	106	10982	1.879	ug/l	94
69) o-Xylene	12.400	106	6110	1.085	ug/l	84
70) Styrene	12.418	104	8258	0.913	ug/l	96
71) Bromoform	12.582	173	2682	1.164	ug/l #	92
73) Isopropylbenzene	12.694	105	12247	0.948	ug/l	98
74) N-amyl acetate	12.500	43	5246	0.930	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	5932	1.295	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	7956	1.991	ug/l	63
77) Bromobenzene	12.988	156	4344	1.373	ug/l	97
78) n-propylbenzene	13.035	91	16099	1.088	ug/l	96
79) 2-Chlorotoluene	13.129	91	11658	1.233	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	10005	0.995	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	107655	73.285	ug/l #	15
82) 4-Chlorotoluene	13.223	91	10317	1.098	ug/l	99
83) tert-Butylbenzene	13.441	119	8061	0.980	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	8581	0.868	ug/l	92
85) sec-Butylbenzene	13.617	105	10761	0.944	ug/l	99
86) p-Isopropyltoluene	13.729	119	8016	0.862	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	6237	1.060	ug/l	95
88) 1,4-Dichlorobenzene	13.735	146	6237	1.044	ug/l	93
89) n-Butylbenzene	14.065	91	7537	0.941	ug/l	98
90) Hexachloroethane	14.335	117	2214	1.203	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	6704	1.207	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	976	1.256	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	2763	1.046	ug/l	89
94) Hexachlorobutadiene	15.506	225	1595	1.332	ug/l	86
95) Naphthalene	15.647	128	7857	0.877	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	3064	1.183	ug/l	96

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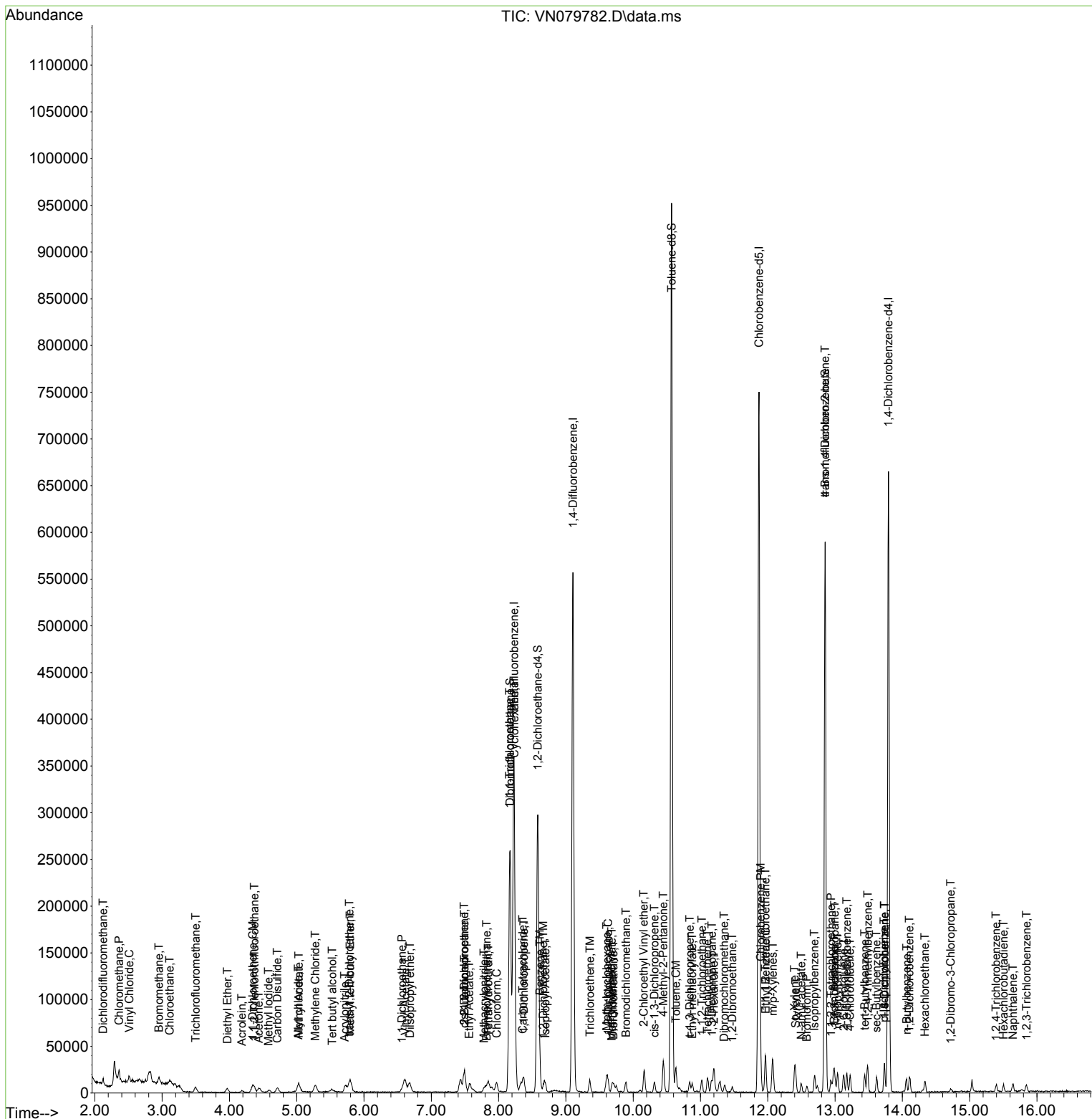
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

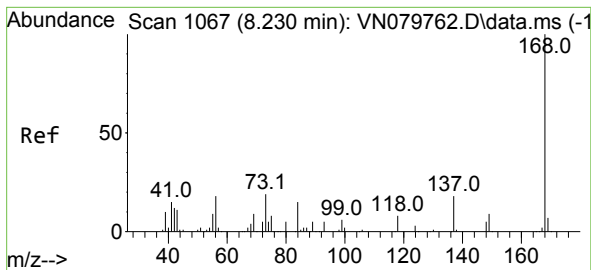
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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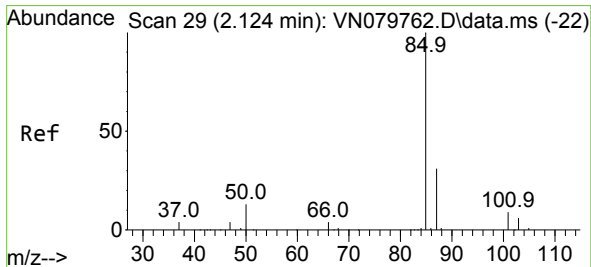
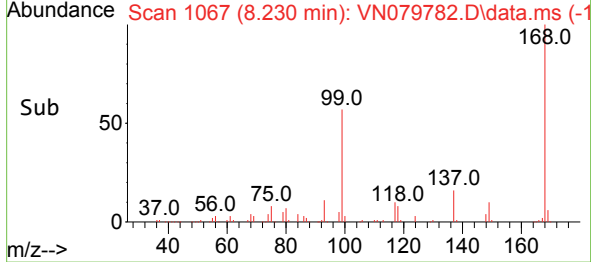
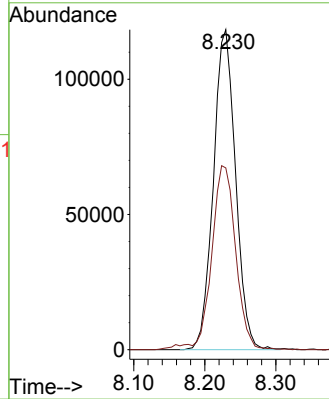
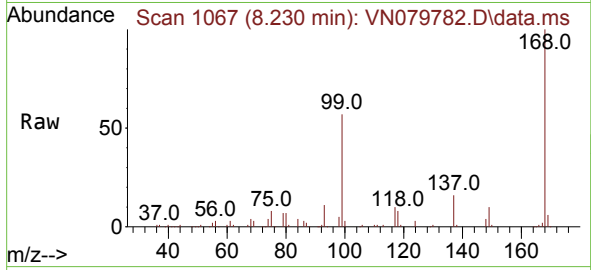




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079782.D
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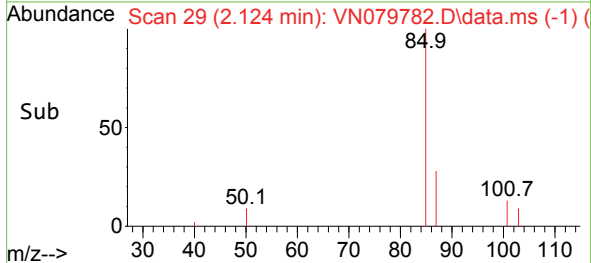
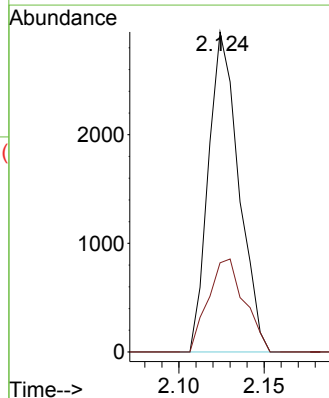
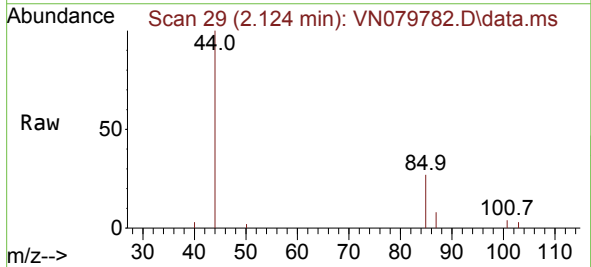
Instrument :
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LOQ-WATER-02-QT4-2023

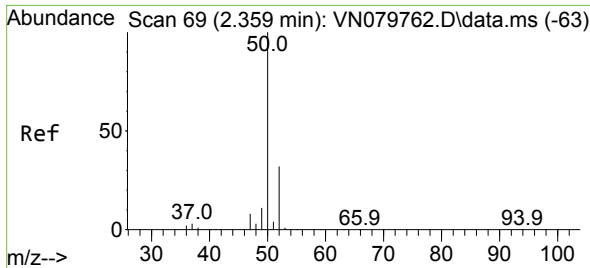
Tgt Ion:168 Resp: 255914
Ion Ratio Lower Upper
168 100
99 56.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 1.185 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 85 Resp: 3654
Ion Ratio Lower Upper
85 100
87 27.9 15.8 47.4

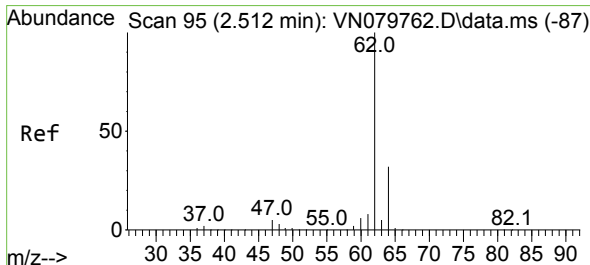
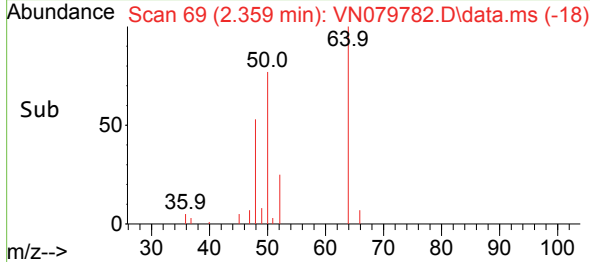
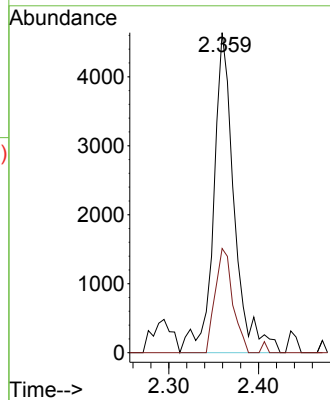
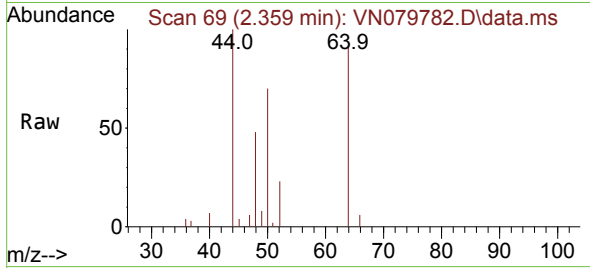




#3
Chloromethane
Concen: 1.234 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

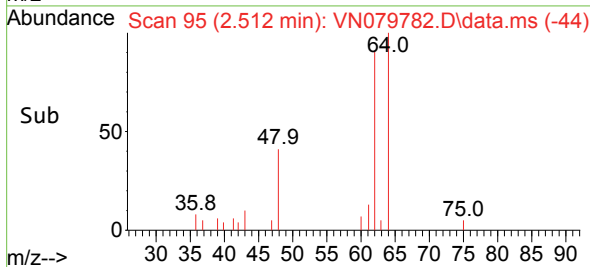
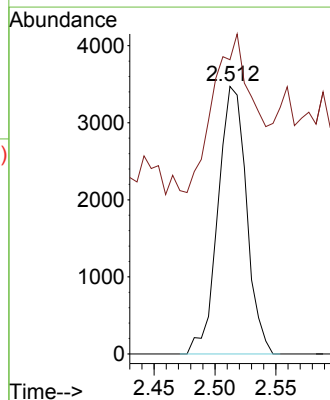
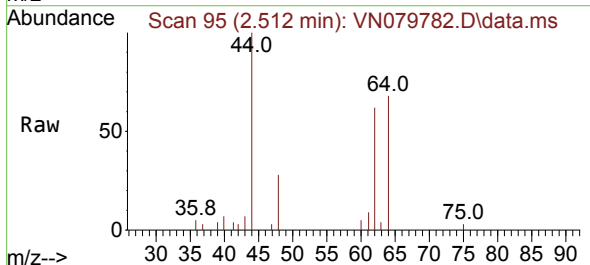
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion: 50 Resp: 7392
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 1.401 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 62 Resp: 5653
Ion Ratio Lower Upper
62 100
64 48.9 26.2 39.2#

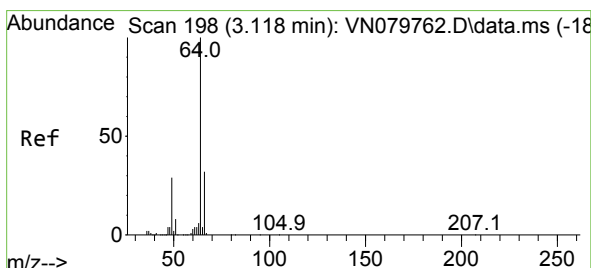
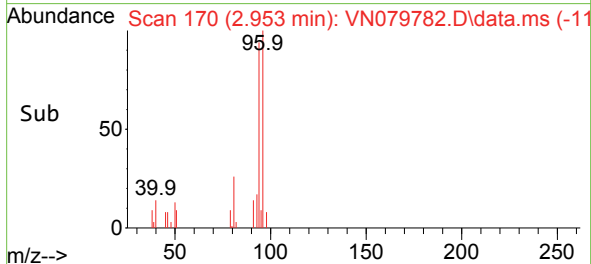
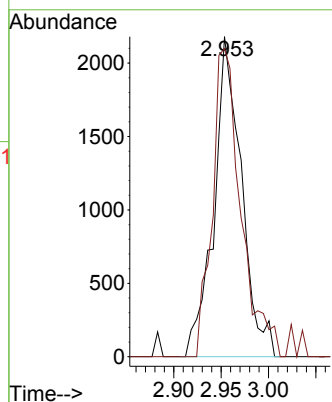
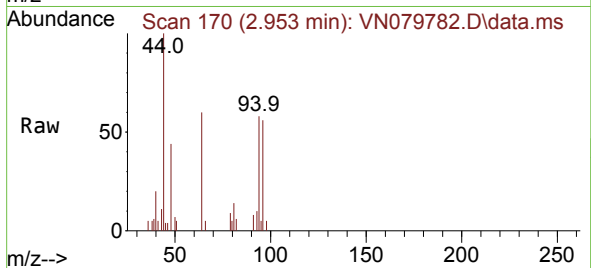




#5
Bromomethane
Concen: 1.796 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

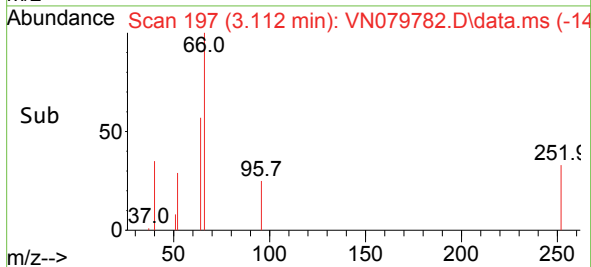
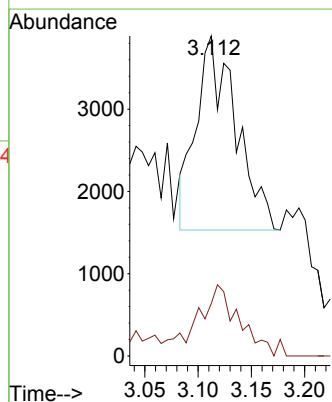
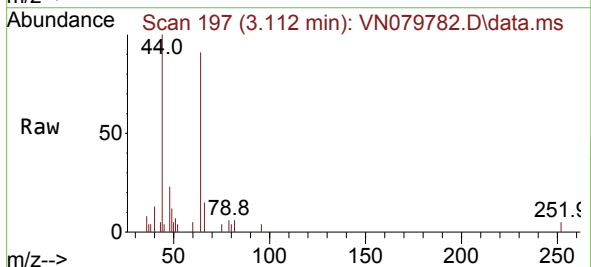
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 4403
Ion Ratio Lower Upper
94 100
96 96.3 73.1 109.7



#6
Chloroethane
Concen: 1.923 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 64 Resp: 6131
Ion Ratio Lower Upper
64 100
66 18.5 25.4 38.2#

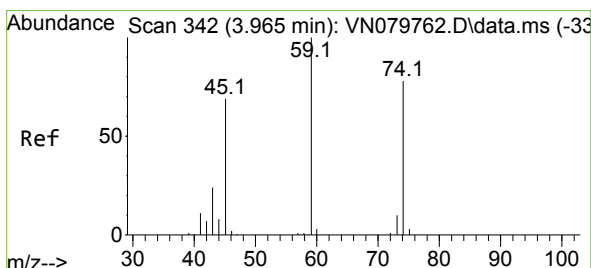
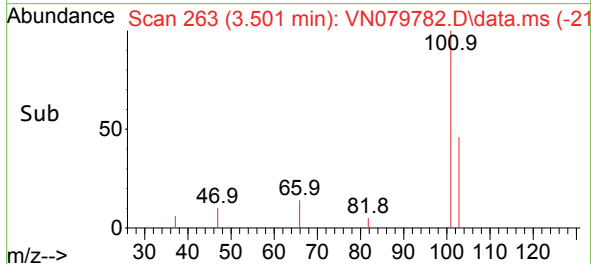
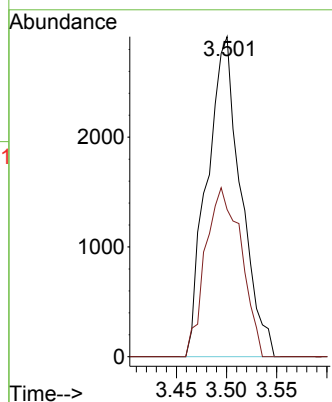
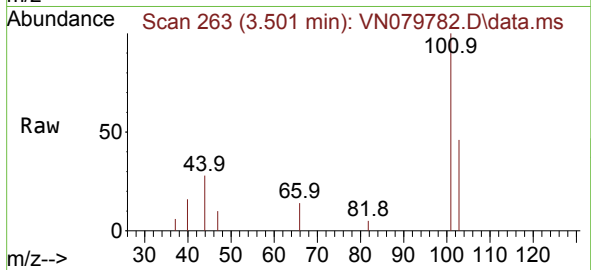




#7
 Trichlorofluoromethane
 Concen: 1.360 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN079782.D
 Acq: 01 Nov 2023 19:30

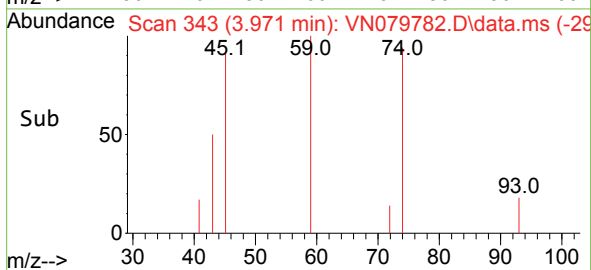
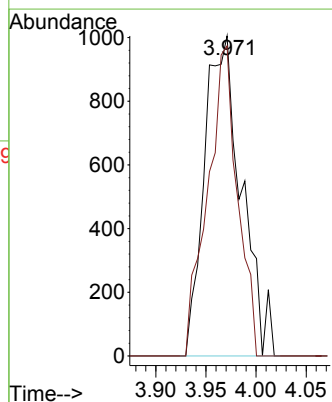
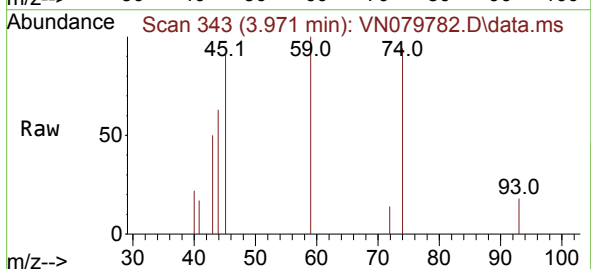
Instrument :
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 ClientSampleId :
 LOQ-WATER-02-QT4-2023

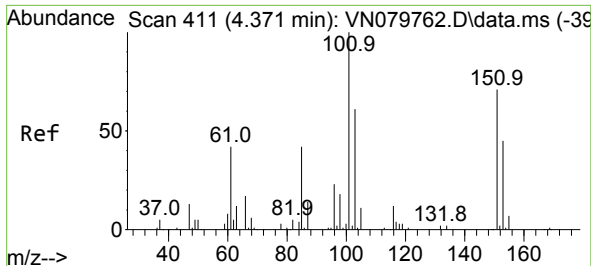
Tgt Ion:101 Resp: 6826
 Ion Ratio Lower Upper
 101 100
 103 46.0 50.7 76.1#



#8
 Diethyl Ether
 Concen: 1.356 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
 Lab File: VN079782.D
 Acq: 01 Nov 2023 19:30

Tgt Ion: 74 Resp: 2583
 Ion Ratio Lower Upper
 74 100
 45 78.4 34.4 103.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.132 ug/l

RT: 4.371 min Scan# 411

Delta R.T. 0.000 min

Lab File: VN079782.D

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Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

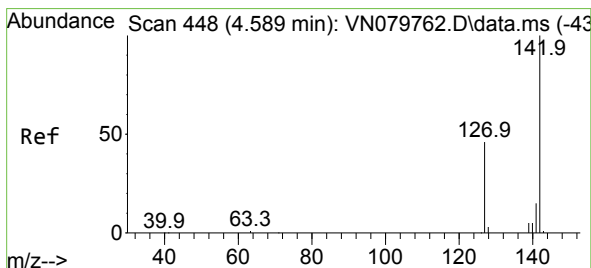
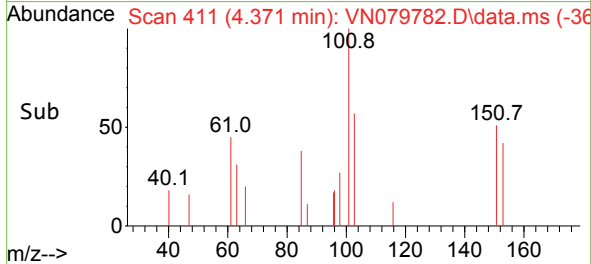
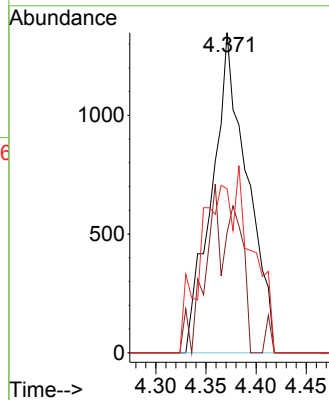
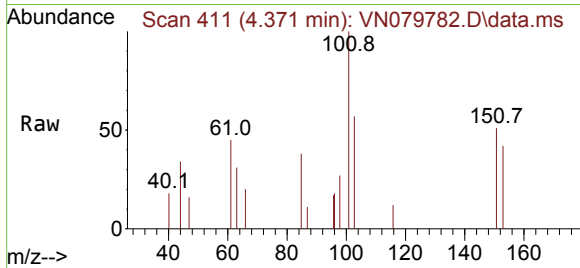
Tgt Ion:101 Resp: 3294

Ion Ratio Lower Upper

101 100

85 17.0 36.6 55.0#

151 77.6 57.6 86.4



#10

Methyl Iodide

Concen: 0.632 ug/l

RT: 4.583 min Scan# 447

Delta R.T. -0.012 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

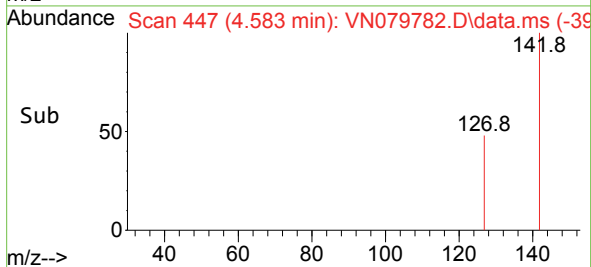
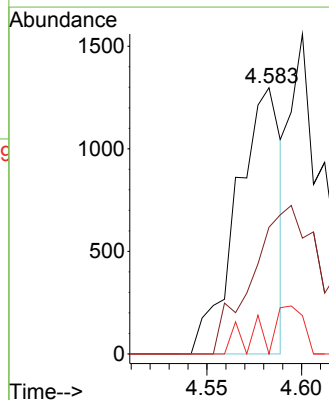
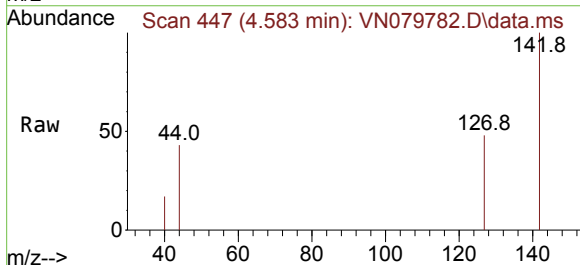
Tgt Ion:142 Resp: 2101

Ion Ratio Lower Upper

142 100

127 47.6 37.6 56.4

141 0.0 11.4 17.0#

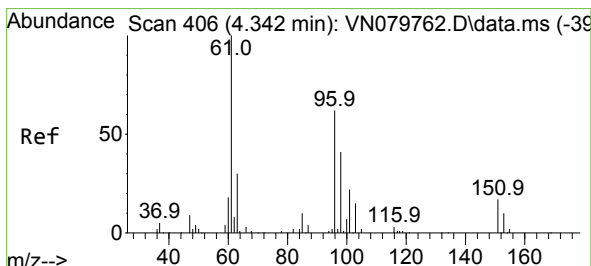
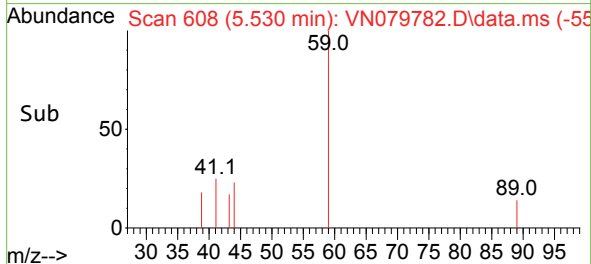
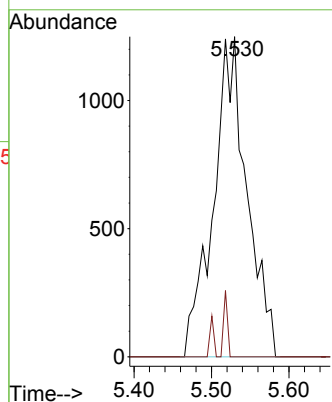
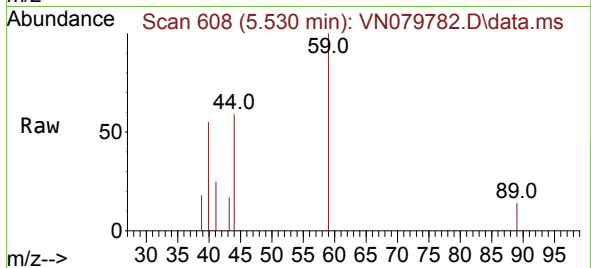




#11
Tert butyl alcohol
Concen: 7.583 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

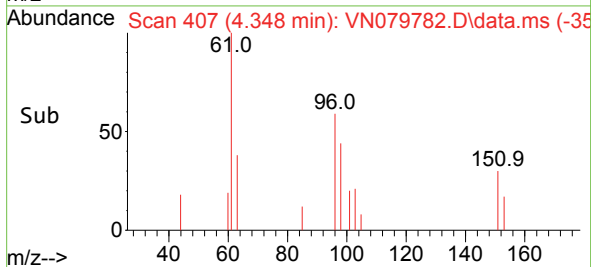
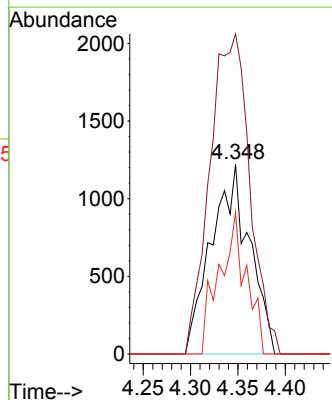
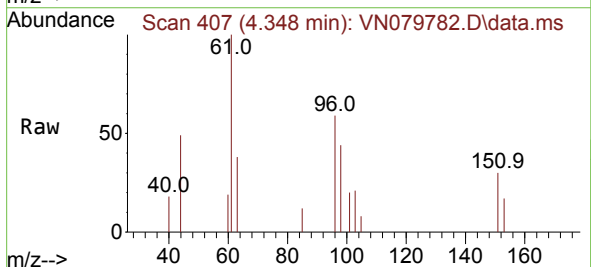
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

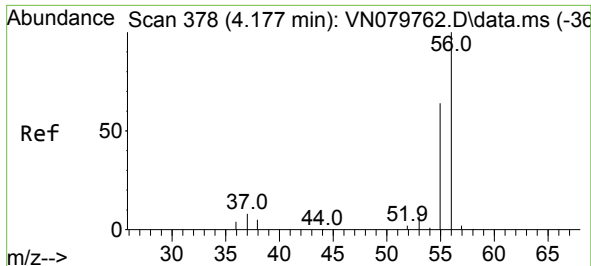
Tgt Ion: 59 Resp: 3774
Ion Ratio Lower Upper
59 100
57 2.4 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 1.246 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 96 Resp: 3431
Ion Ratio Lower Upper
96 100
61 168.7 112.7 169.1
98 74.6 51.2 76.8





#13

Acrolein

Concen: 6.530 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

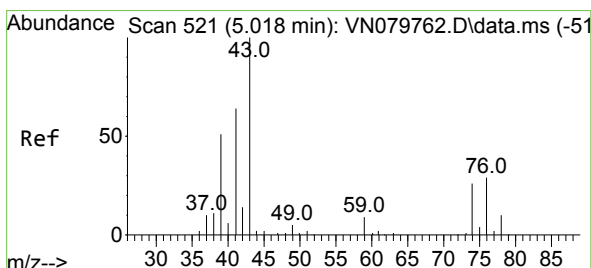
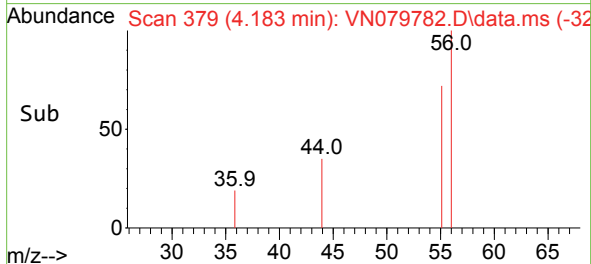
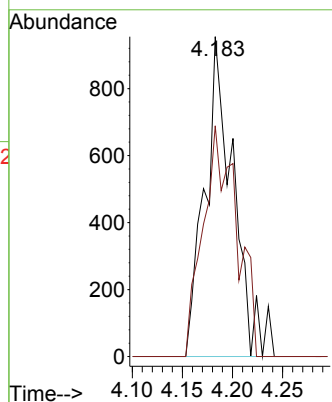
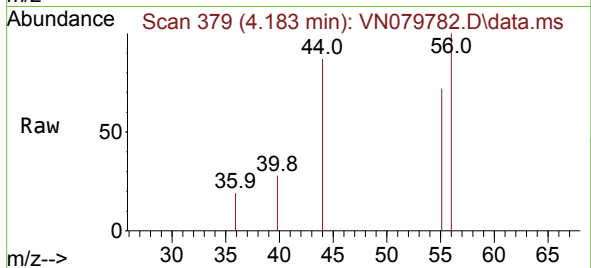
LOQ-WATER-02-QT4-2023

Tgt Ion: 56 Resp: 1883

Ion Ratio Lower Upper

56 100

55 85.2 54.5 81.7#



#14

Allyl chloride

Concen: 1.358 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

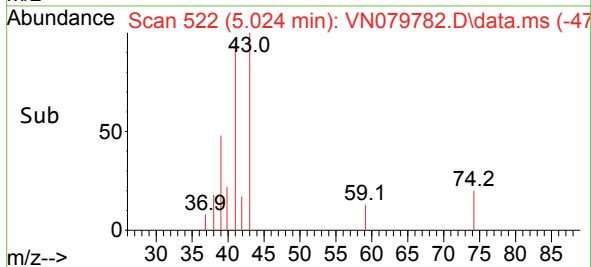
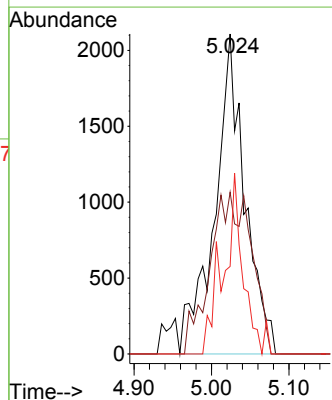
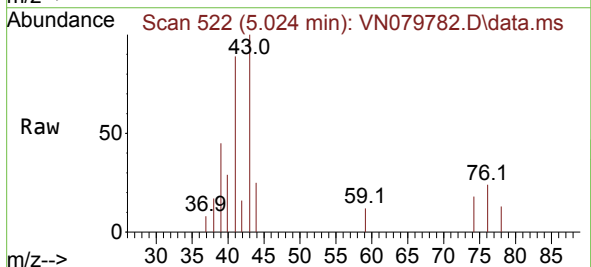
Tgt Ion: 41 Resp: 5730

Ion Ratio Lower Upper

41 100

39 47.3 58.8 88.2#

76 35.7 39.1 58.7#

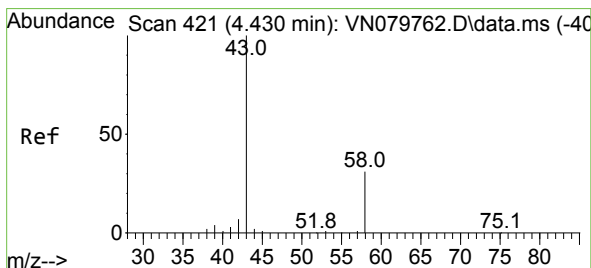
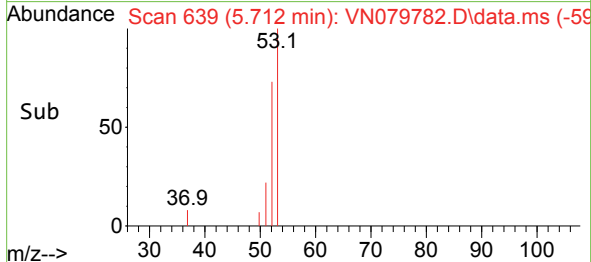
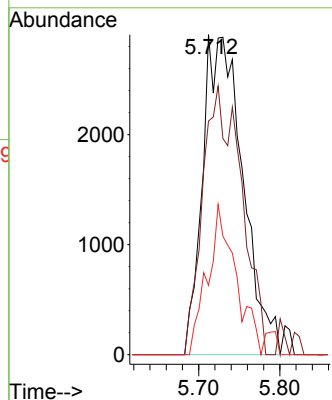
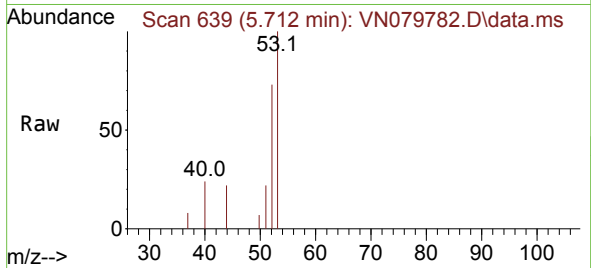




#15
Acrylonitrile
Concen: 6.427 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

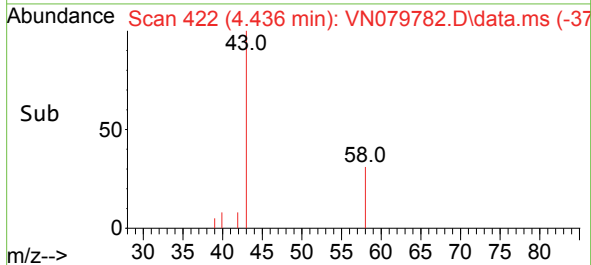
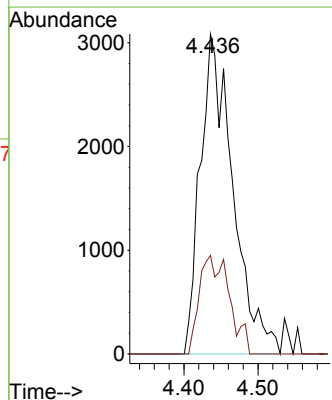
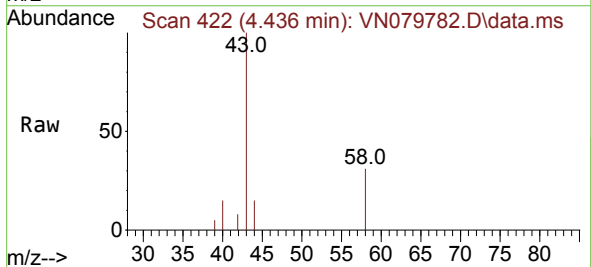
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 53 Resp: 9969
Ion Ratio Lower Upper
53 100
52 50.5 65.3 97.9#
51 33.1 28.9 43.3



#16
Acetone
Concen: 6.875 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 43 Resp: 9415
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0

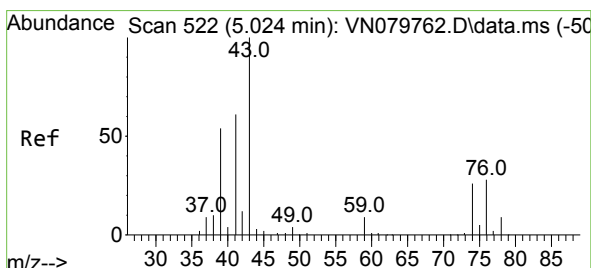
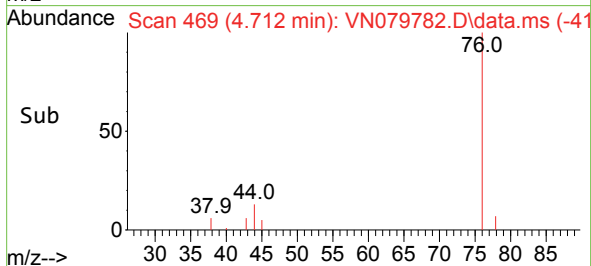
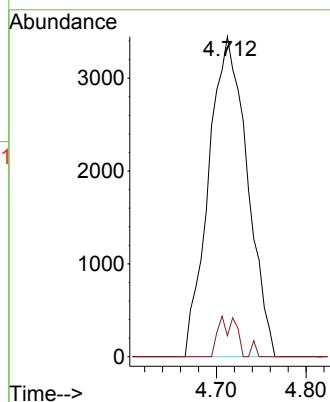
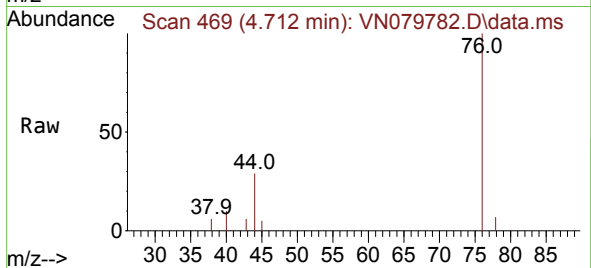




#17
Carbon Disulfide
Concen: 1.298 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

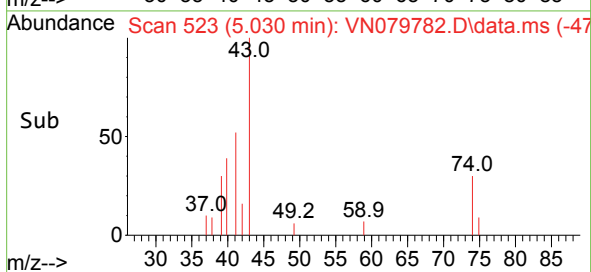
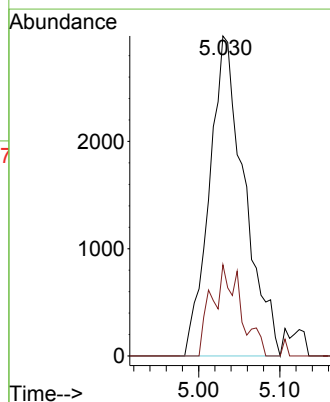
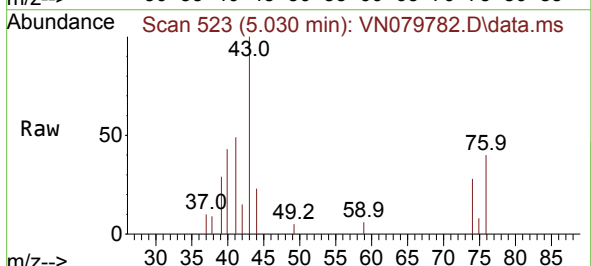
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

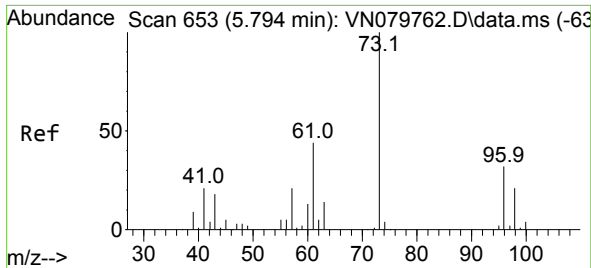
Tgt Ion: 76 Resp: 10311
Ion Ratio Lower Upper
76 100
78 6.6 7.4 11.0#



#18
Methyl Acetate
Concen: 1.363 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 43 Resp: 8934
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#

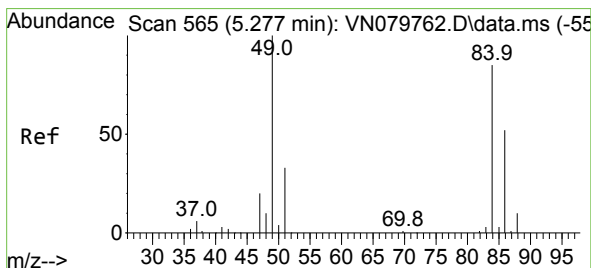
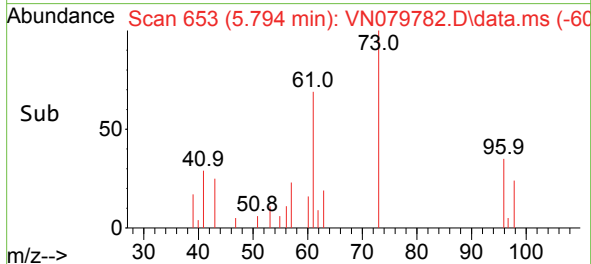
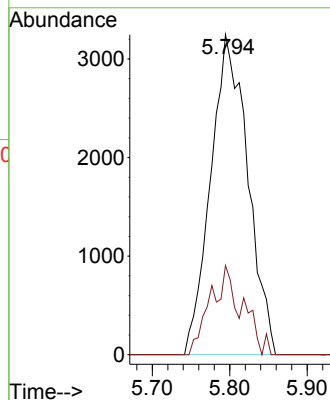
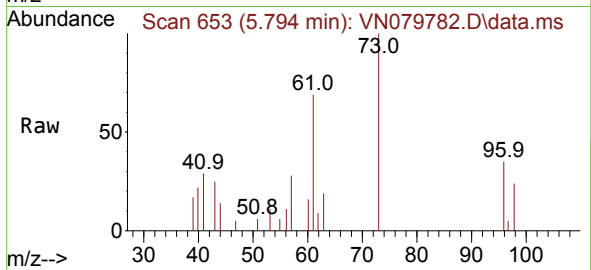




#19
Methyl tert-butyl Ether
Concen: 1.136 ug/l
RT: 5.794 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

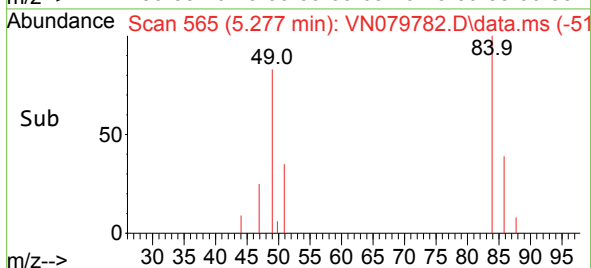
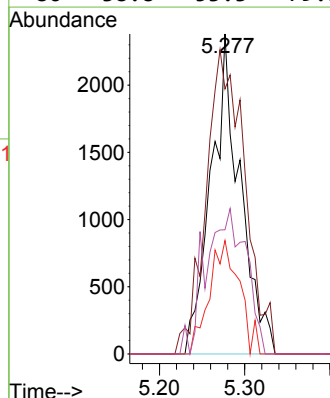
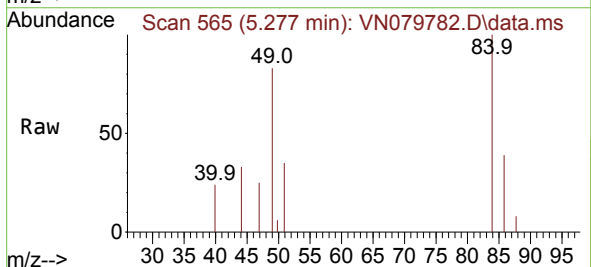
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

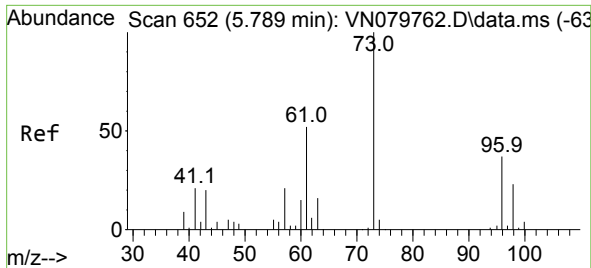
Tgt Ion: 73 Resp: 10775
Ion Ratio Lower Upper
73 100
57 27.8 15.6 23.4#



#20
Methylene Chloride
Concen: 1.637 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 84 Resp: 5657
Ion Ratio Lower Upper
84 100
49 82.8 79.7 119.5
51 35.4 25.2 37.8
86 38.8 53.3 79.9#

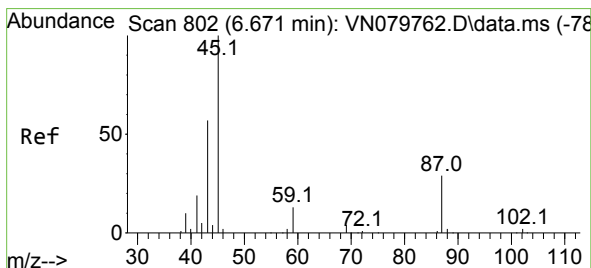
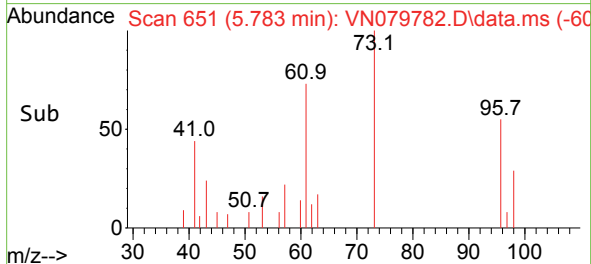
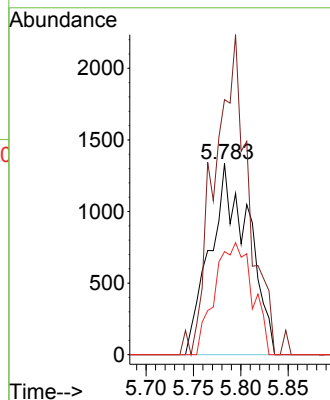
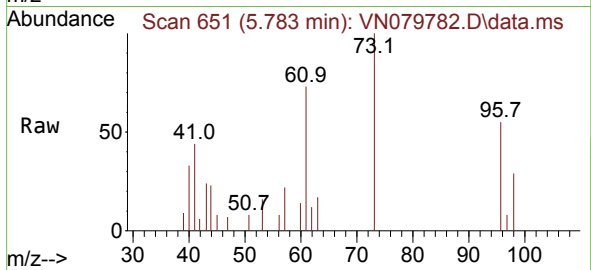




#21
trans-1,2-Dichloroethene
Concen: 1.238 ug/l
RT: 5.783 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

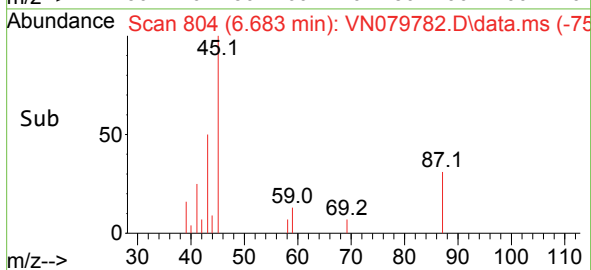
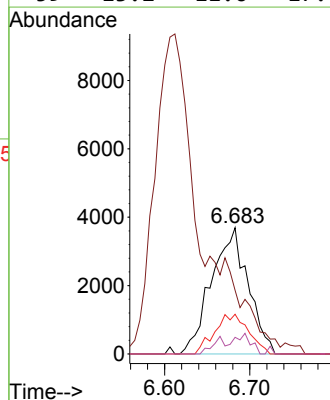
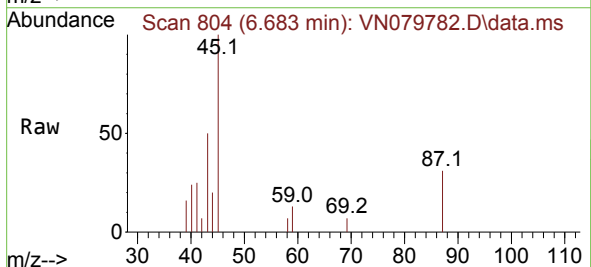
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

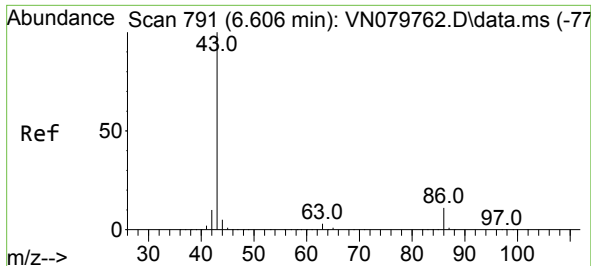
Tgt Ion: 96	Resp:	3804	
Ion	Ratio	Lower	Upper
96	100		
61	133.3	90.1	135.1
98	53.9	46.4	69.6



#22
Diisopropyl ether
Concen: 1.130 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 45	Resp: 11046
Ion Ratio	Lower Upper
45 100	
43 45.1	45.5 68.3#
87 31.5	31.8 47.8#
59 13.2	11.6 17.4

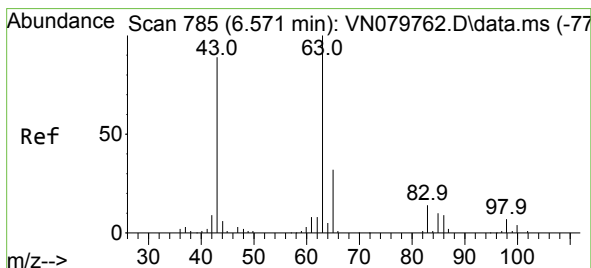
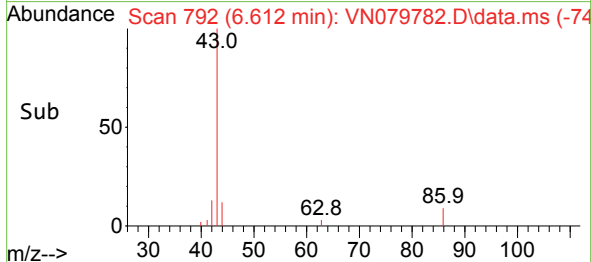
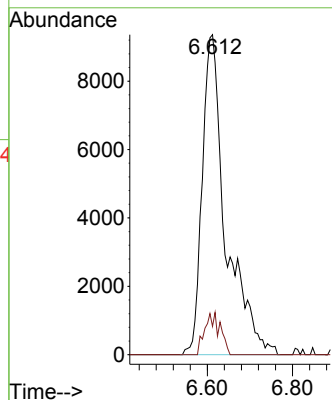
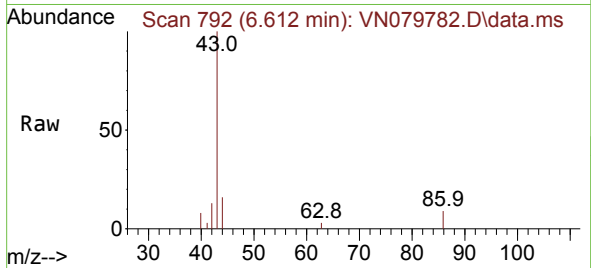




#23
 Vinyl Acetate
 Concen: 6.683 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079782.D
 Acq: 01 Nov 2023 19:30

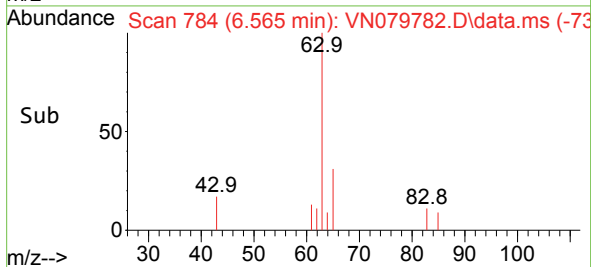
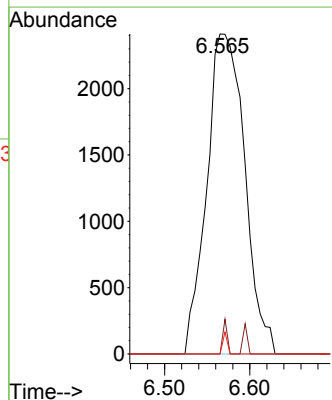
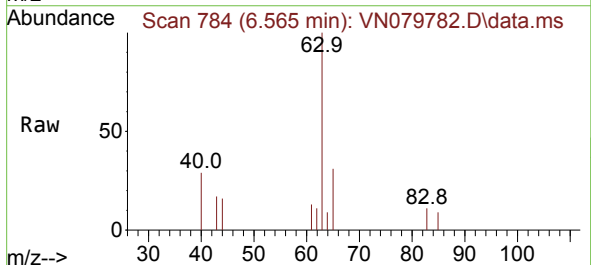
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

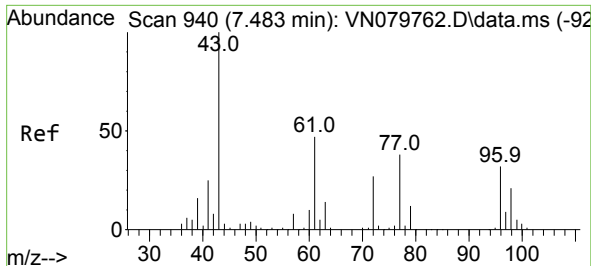
Tgt Ion: 43 Resp: 36041
 Ion Ratio Lower Upper
 43 100
 86 8.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 1.255 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079782.D
 Acq: 01 Nov 2023 19:30

Tgt Ion: 63 Resp: 7456
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 6.558 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

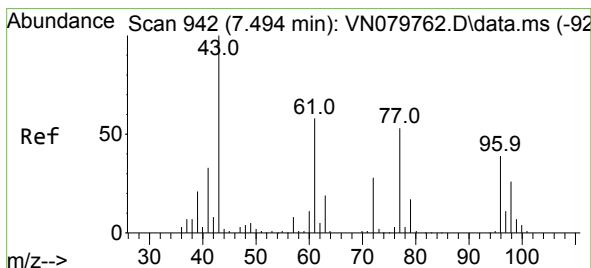
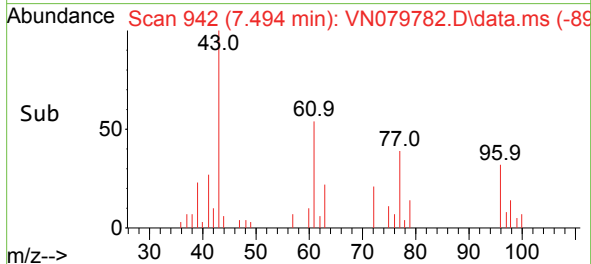
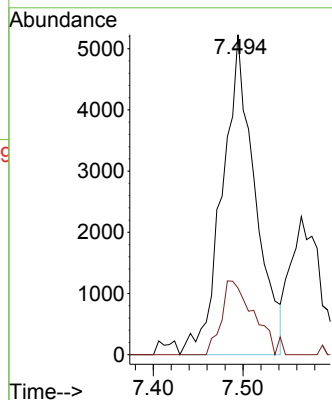
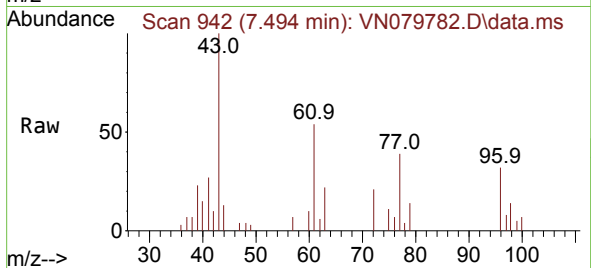
LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 13153

Ion Ratio Lower Upper

43 100

72 20.9 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 1.149 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN079782.D

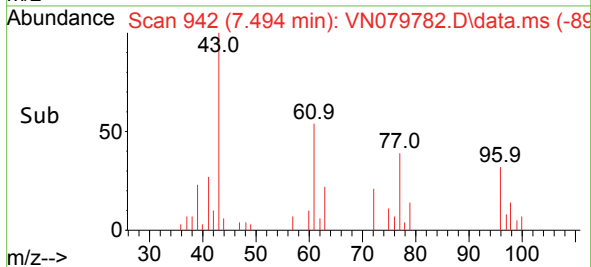
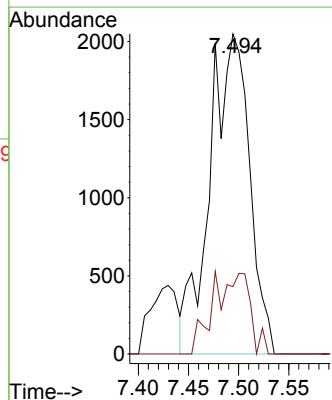
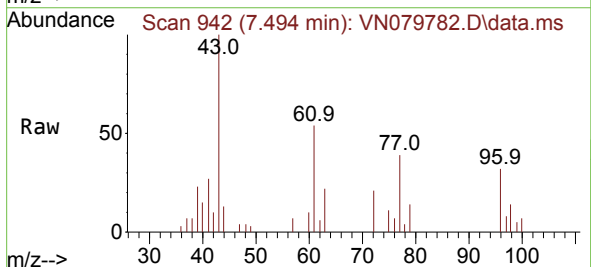
Acq: 01 Nov 2023 19:30

Tgt Ion: 77 Resp: 5648

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.6

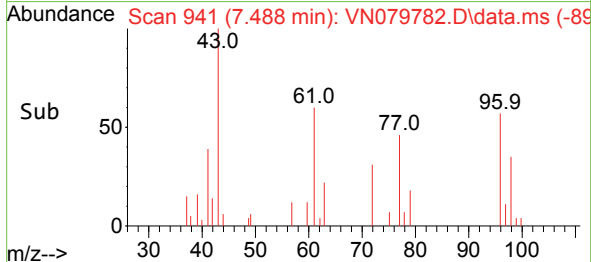
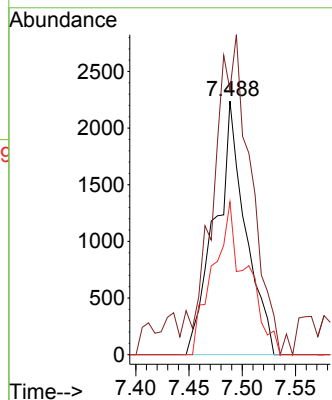
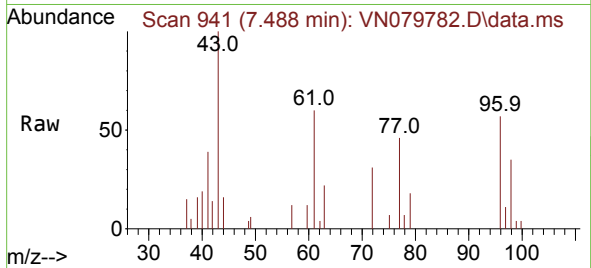




#27
 cis-1,2-Dichloroethene
 Concen: 1.205 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079782.D
 Acq: 01 Nov 2023 19:30

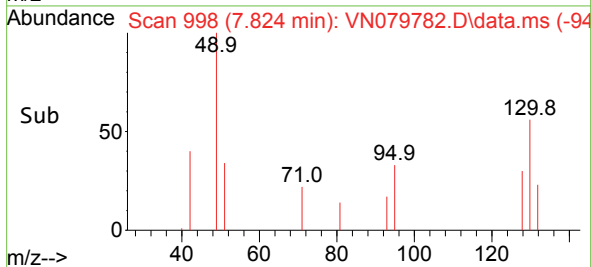
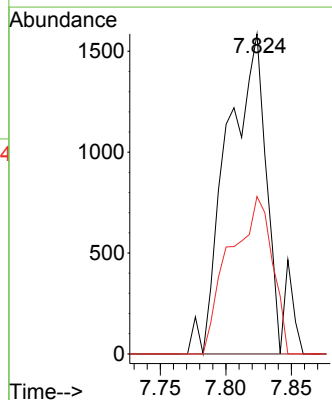
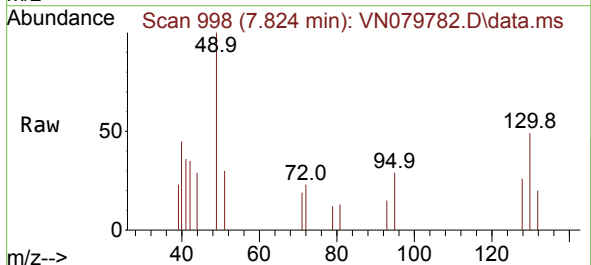
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

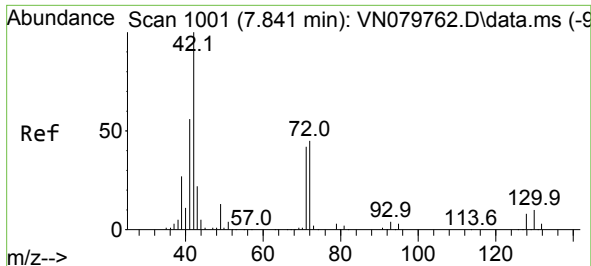
Tgt Ion: 96 Resp: 4428
 Ion Ratio Lower Upper
 96 100
 61 158.4 0.0 255.2
 98 67.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 1.123 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.012 min
 Lab File: VN079782.D
 Acq: 01 Nov 2023 19:30

Tgt Ion: 49 Resp: 3251
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 53.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 6.311 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

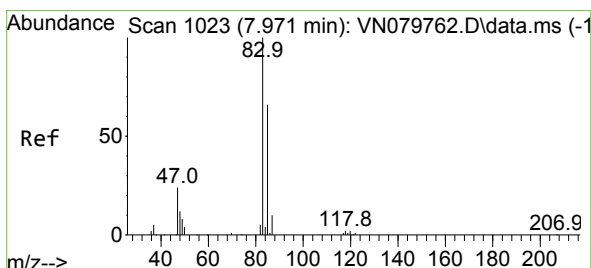
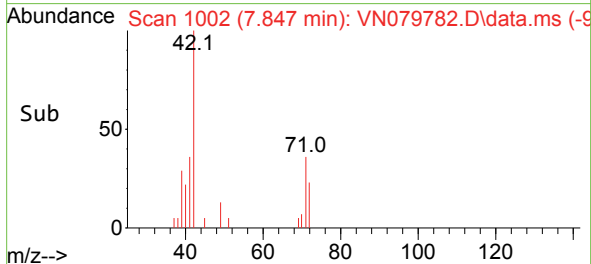
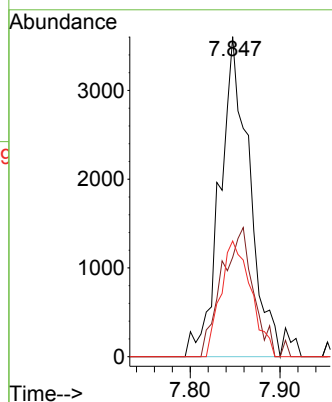
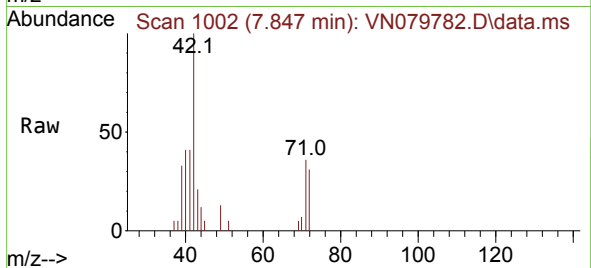
Tgt Ion: 42 Resp: 8234

Ion Ratio Lower Upper

42 100

72 42.8 49.8 74.6#

71 37.1 47.4 71.2#



#30

Chloroform

Concen: 1.550 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079782.D

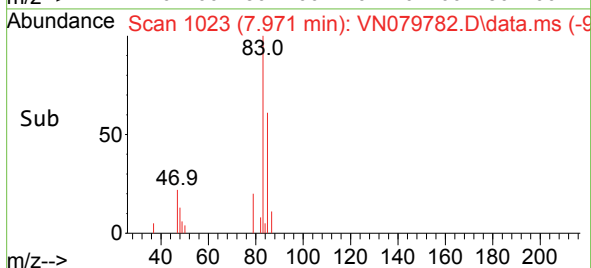
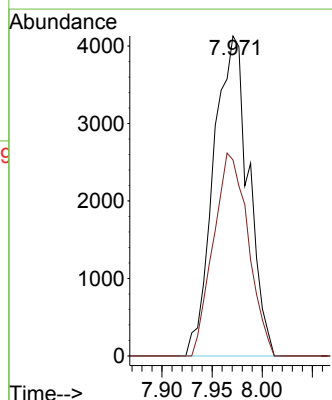
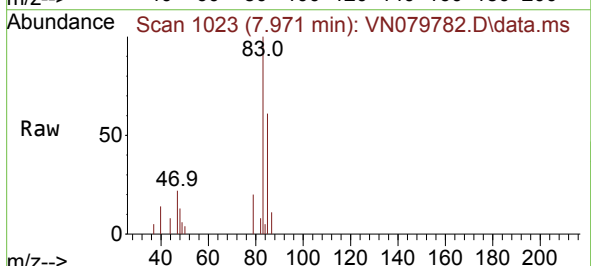
Acq: 01 Nov 2023 19:30

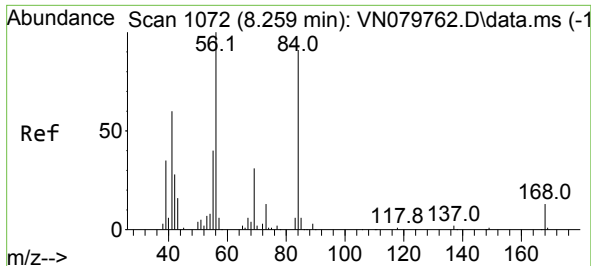
Tgt Ion: 83 Resp: 10006

Ion Ratio Lower Upper

83 100

85 61.3 55.4 83.0

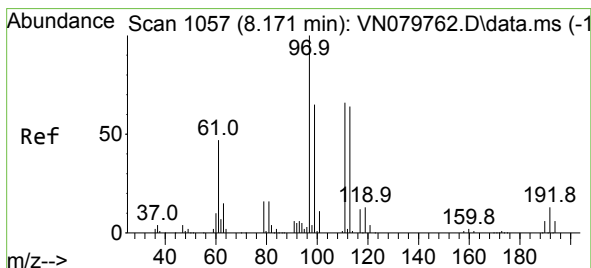
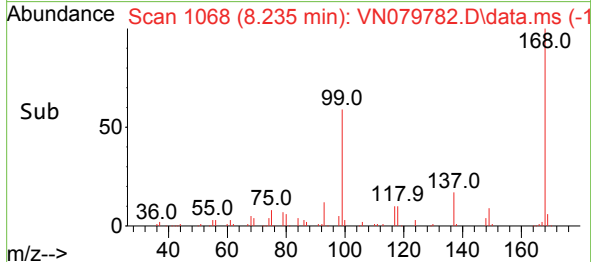
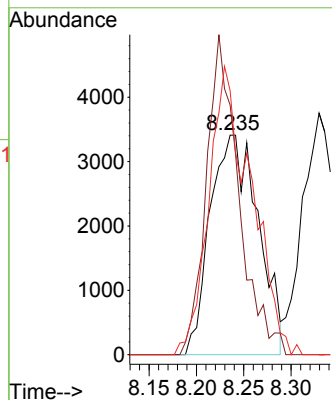
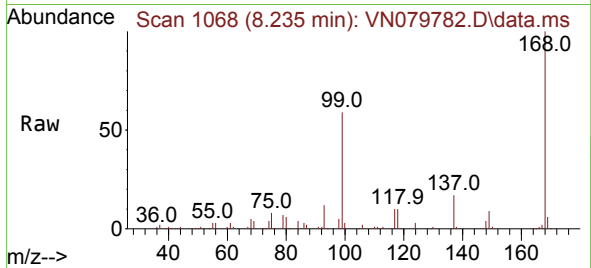




#31
Cyclohexane
Concen: 2.337 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

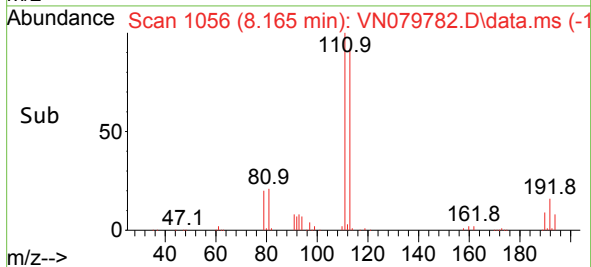
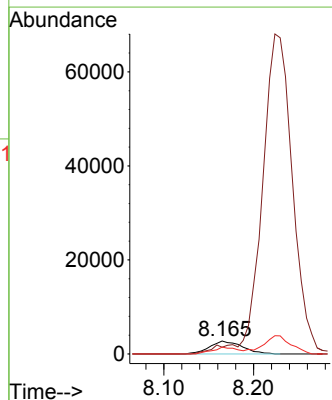
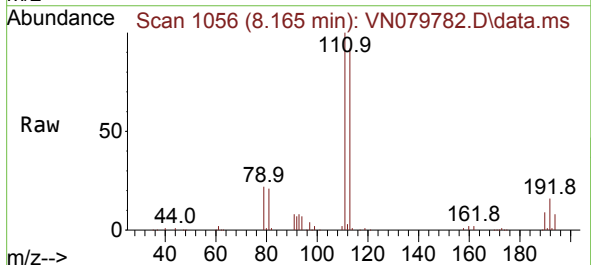
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

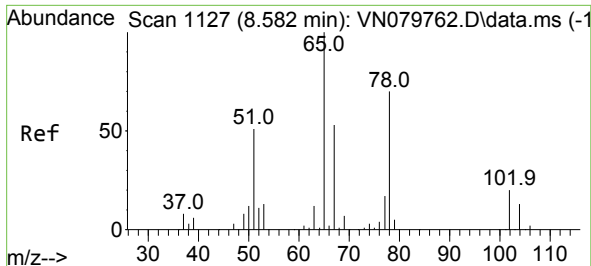
Tgt Ion: 56 Resp: 12041
Ion Ratio Lower Upper
56 100
69 113.7 26.8 40.2#
84 115.0 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 1.313 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 97 Resp: 6908
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 40.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 59.896 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

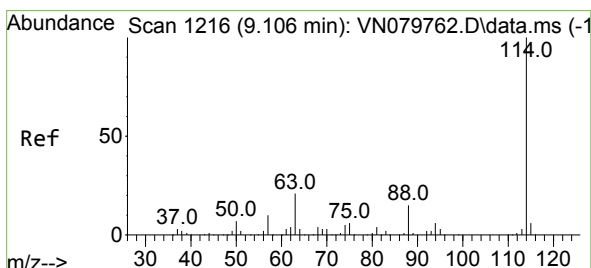
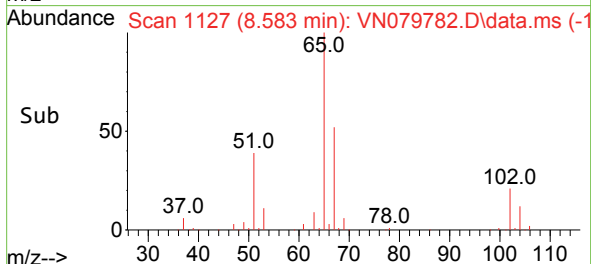
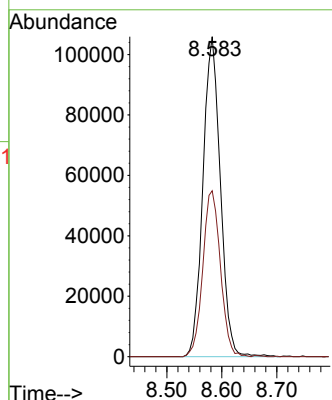
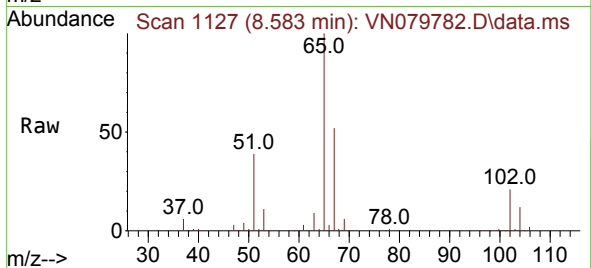
LOQ-WATER-02-QT4-2023

Tgt Ion: 65 Resp: 233529

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: VN079782.D

Acq: 01 Nov 2023 19:30

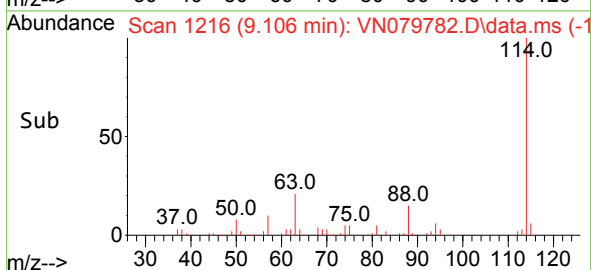
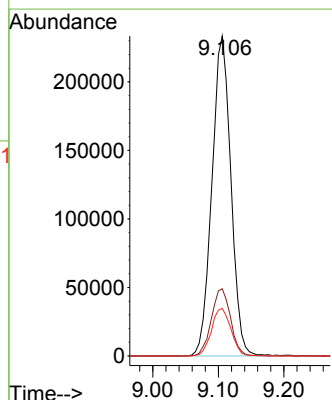
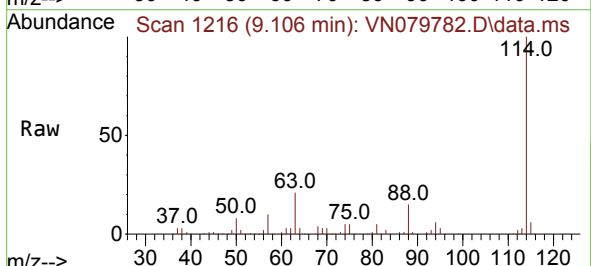
Tgt Ion: 114 Resp: 468478

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 14.8 0.0 30.6

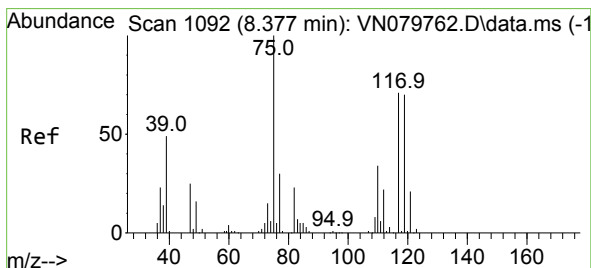
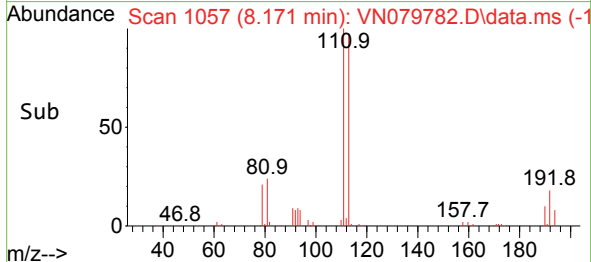
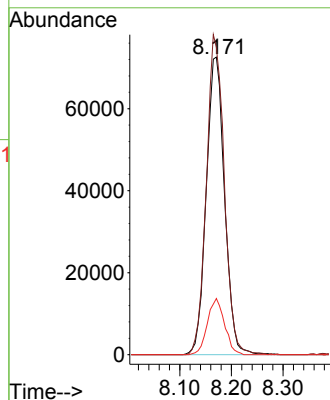
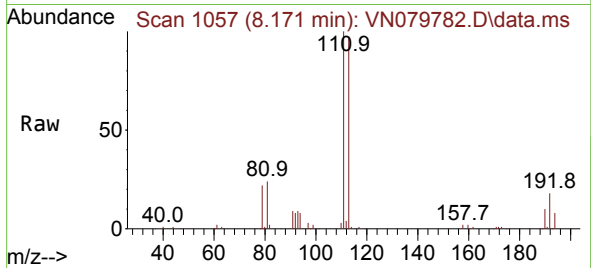




#35
Dibromofluoromethane
Concen: 53.824 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

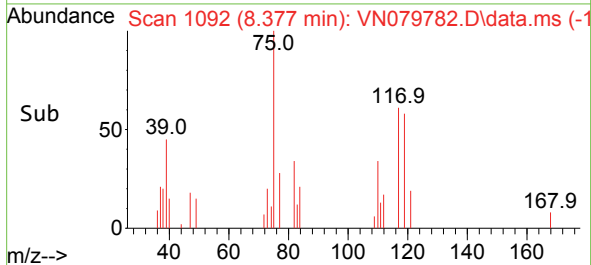
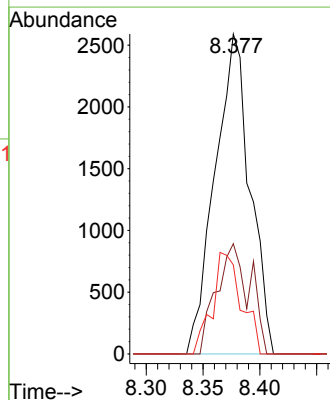
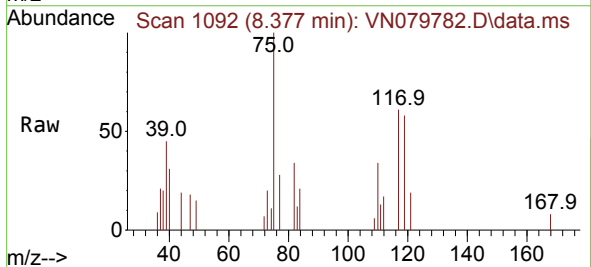
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

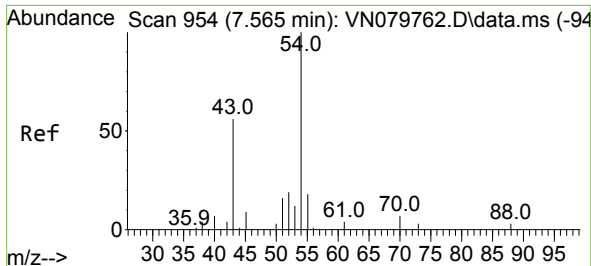
Tgt Ion:113 Resp: 178465
Ion Ratio Lower Upper
113 100
111 105.2 82.6 123.8
192 17.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 1.171 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 75 Resp: 5546
Ion Ratio Lower Upper
75 100
110 32.6 19.1 57.3
77 26.5 25.0 37.4

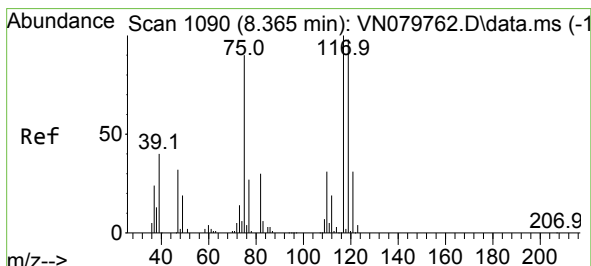
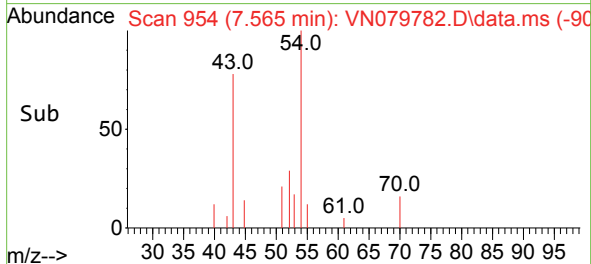
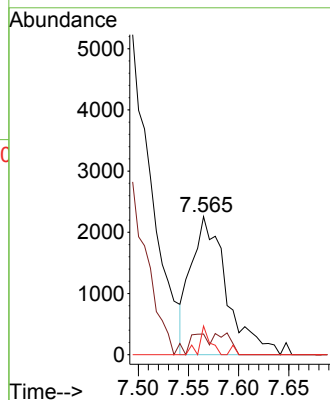
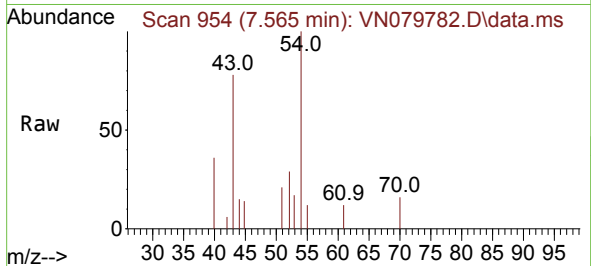




#37
Ethyl Acetate
Concen: 1.285 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

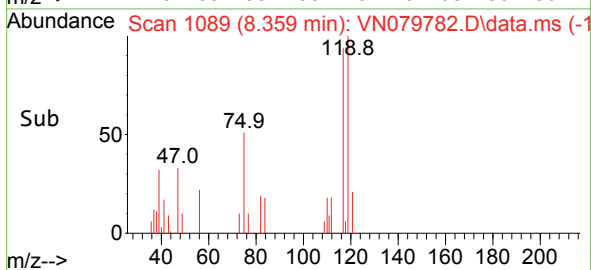
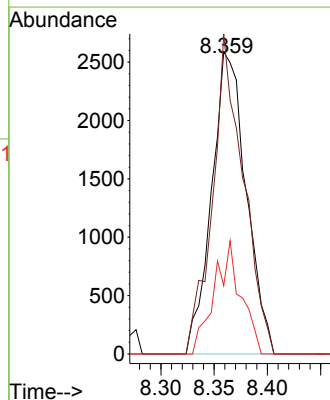
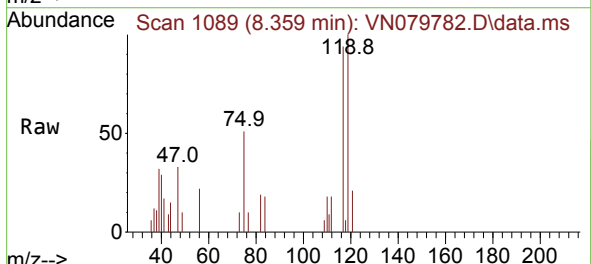
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

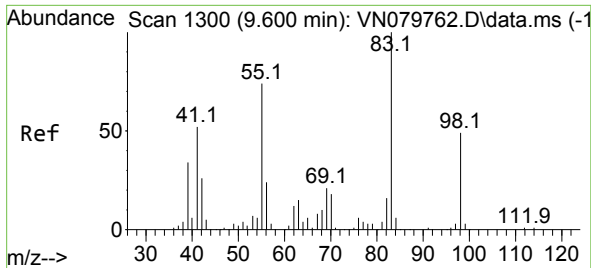
Tgt Ion: 43 Resp: 5578
Ion Ratio Lower Upper
43 100
61 7.3 13.2 19.8#
70 6.1 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 1.221 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 117 Resp: 5824
Ion Ratio Lower Upper
117 100
119 105.9 77.3 115.9
121 22.6 23.3 34.9#

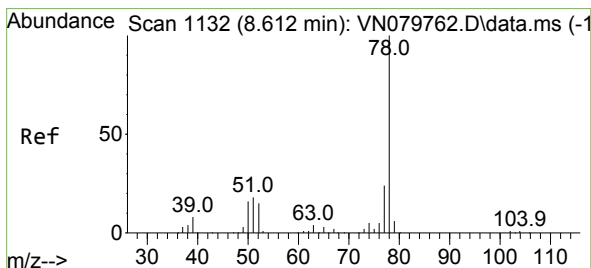
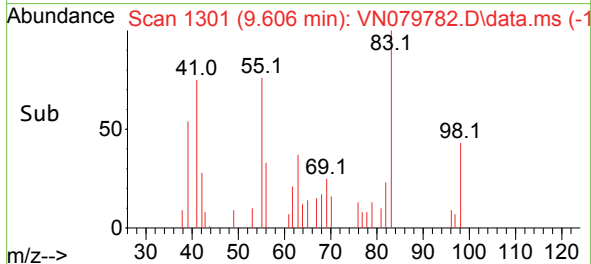
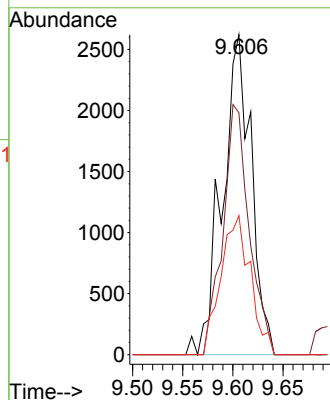
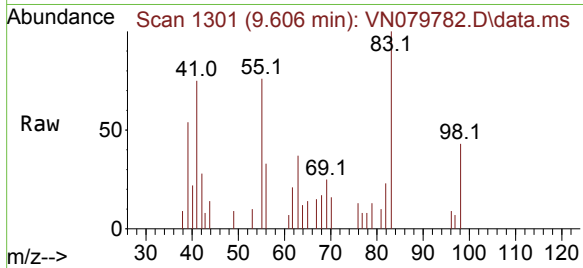




#39
Methylcyclohexane
Concen: 1.176 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

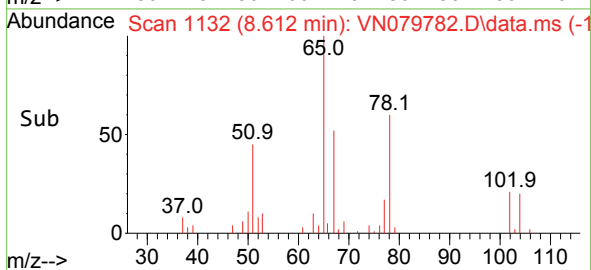
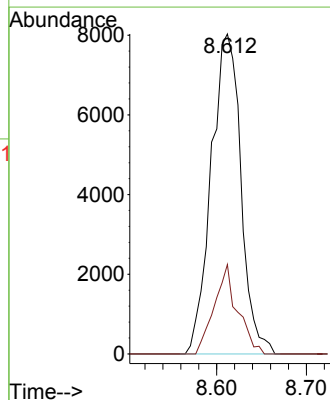
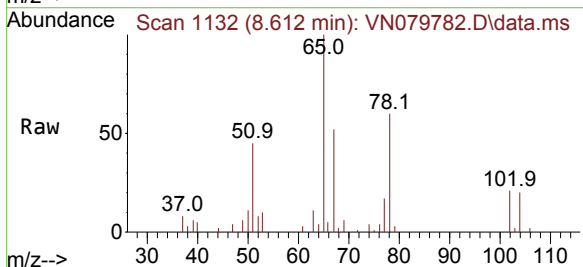
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion: 83 Resp: 5239
Ion Ratio Lower Upper
83 100
55 75.6 49.1 73.7#
98 43.5 40.6 61.0



#40
Benzene
Concen: 1.302 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 78 Resp: 18469
Ion Ratio Lower Upper
78 100
77 27.9 19.0 28.6

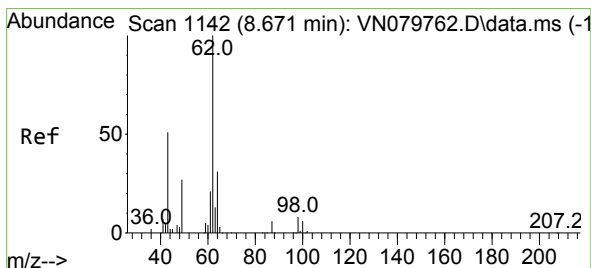
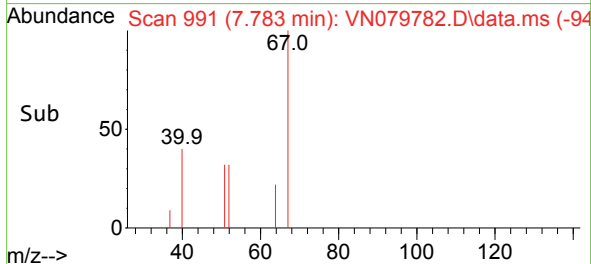
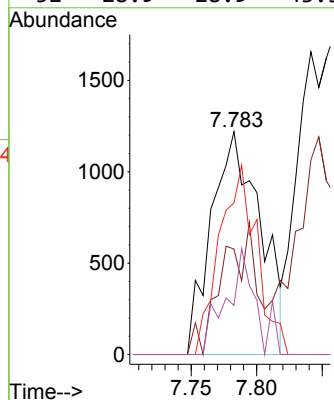
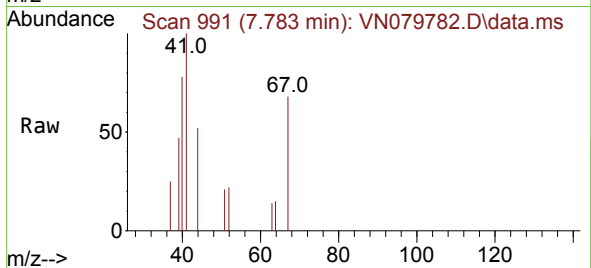




#41
Methacrylonitrile
Concen: 1.376 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

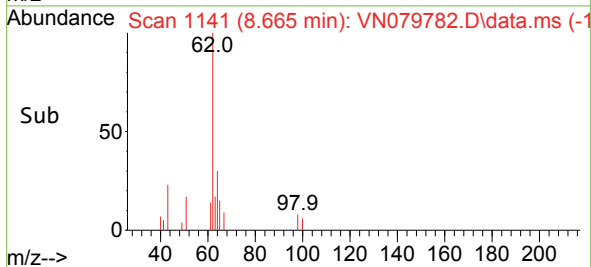
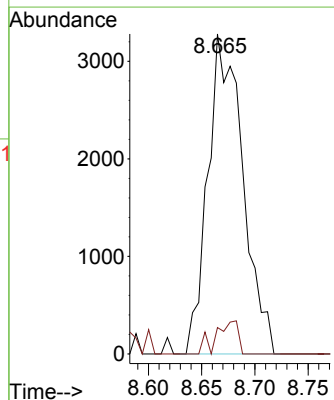
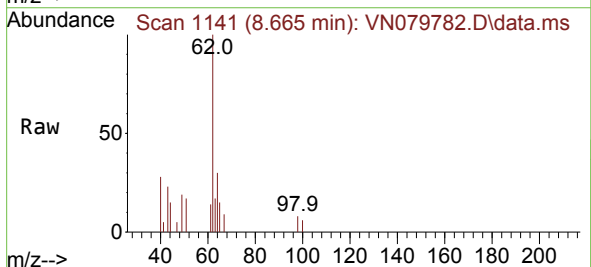
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

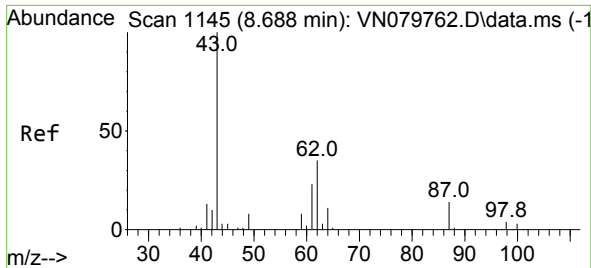
Tgt Ion:	41	Resp:	3173
Ion	Ratio	Lower	Upper
41	100		
39	40.8	42.6	64.0#
67	64.5	77.5	116.3#
52	28.9	28.9	43.3



#42
1,2-Dichloroethane
Concen: 1.508 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion:	62	Resp:	7467
Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	19.8





#43

Isopropyl Acetate

Concen: 1.103 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

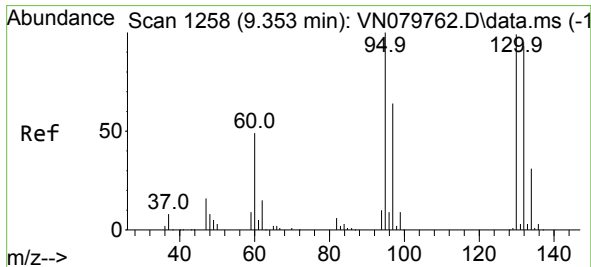
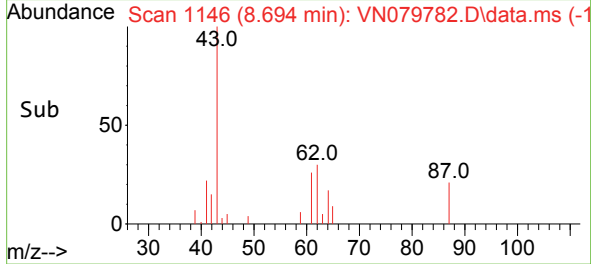
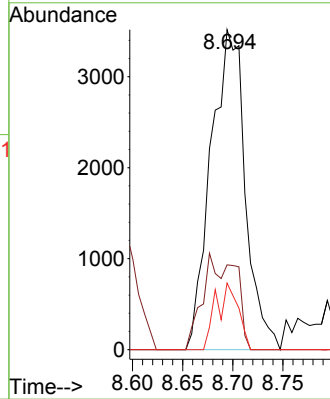
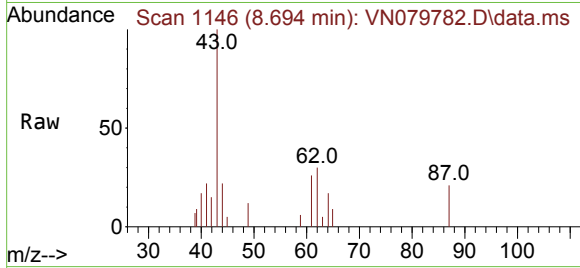
Tgt Ion: 43 Resp: 8396

Ion Ratio Lower Upper

43 100

61 16.4 24.7 37.1#

87 13.5 14.6 21.8#



#44

Trichloroethene

Concen: 1.212 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN079782.D

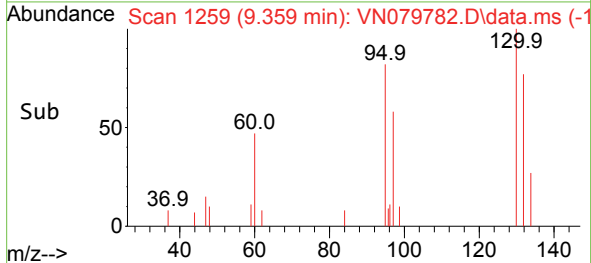
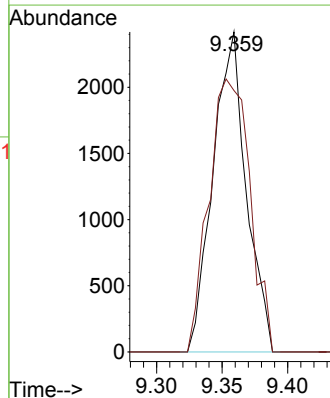
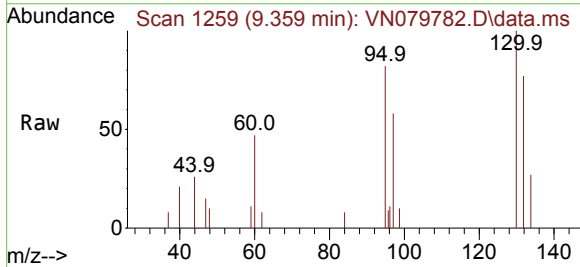
Acq: 01 Nov 2023 19:30

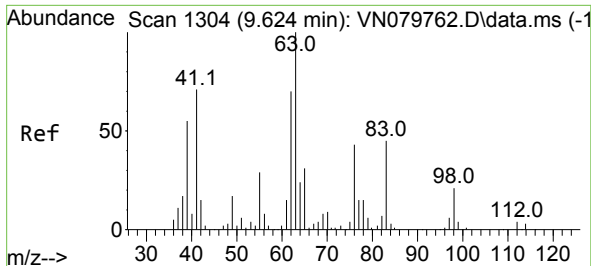
Tgt Ion:130 Resp: 4265

Ion Ratio Lower Upper

130 100

95 81.7 0.0 204.6

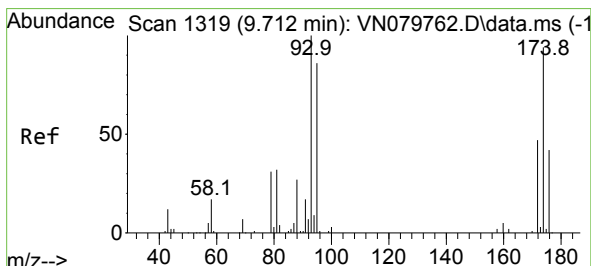
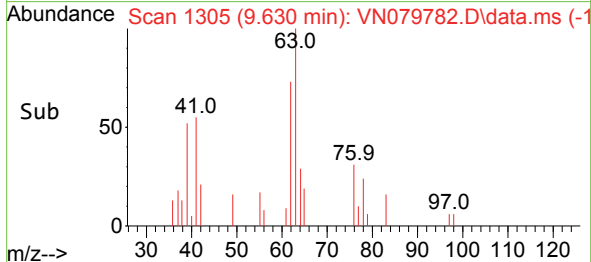
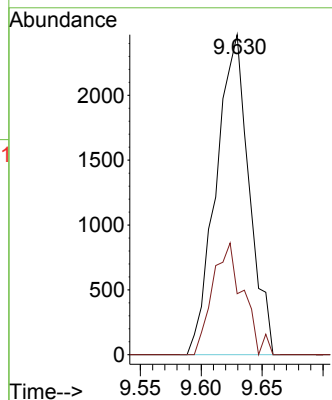
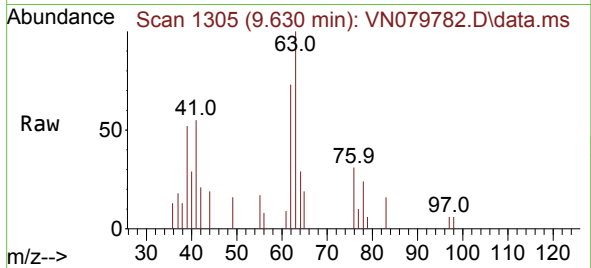




#45
1,2-Dichloropropane
Concen: 1.285 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

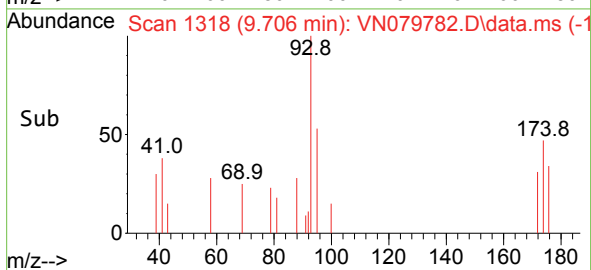
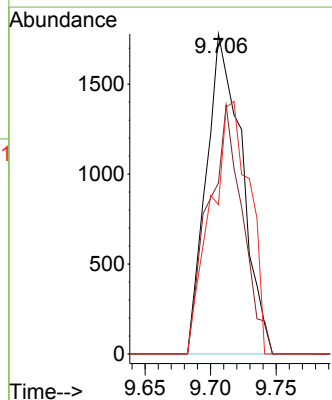
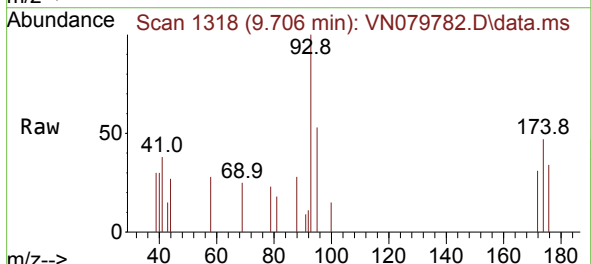
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 63 Resp: 4655
Ion Ratio Lower Upper
63 100
65 19.0 23.9 35.9#



#46
Dibromomethane
Concen: 1.355 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 93 Resp: 3352
Ion Ratio Lower Upper
93 100
95 74.7 63.8 95.8
174 85.8 65.6 98.4

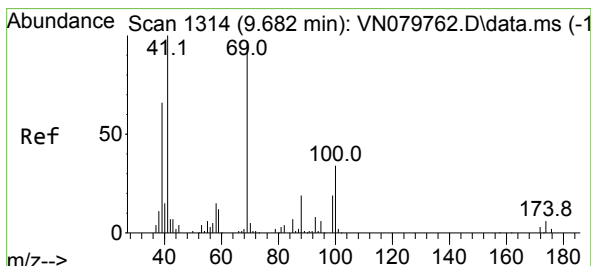
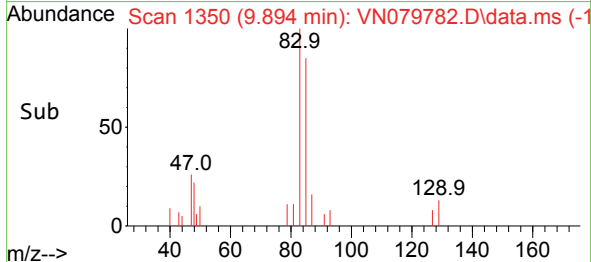
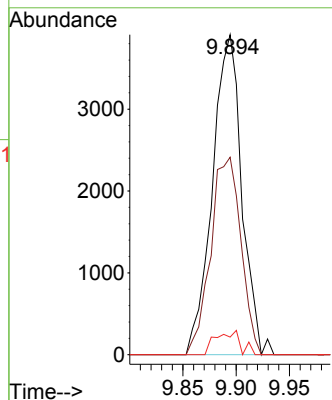
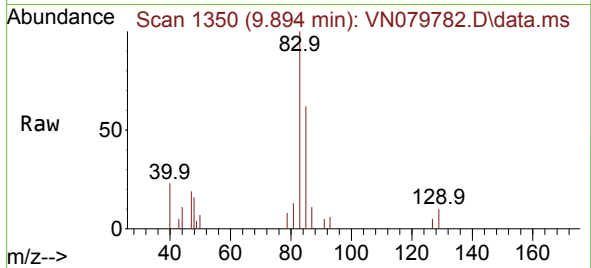




#47
Bromodichloromethane
Concen: 1.418 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

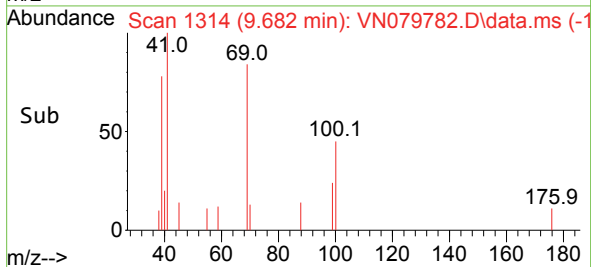
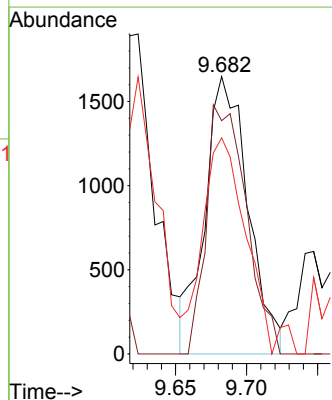
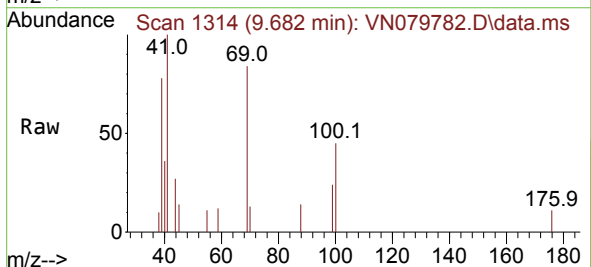
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

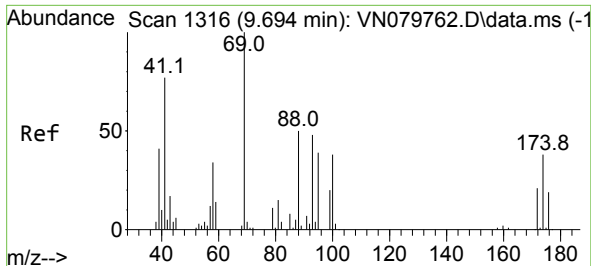
Tgt Ion: 83 Resp: 7485
Ion Ratio Lower Upper
83 100
85 61.7 49.6 74.4
127 5.5 7.0 10.6#



#48
Methyl methacrylate
Concen: 1.043 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 41 Resp: 3480
Ion Ratio Lower Upper
41 100
69 83.6 90.4 135.6#
39 80.7 54.6 81.8





#49

1,4-Dioxane

Concen: 16.629 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

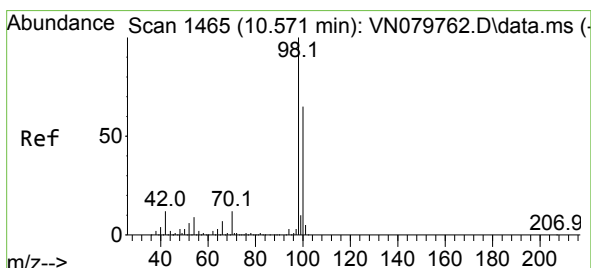
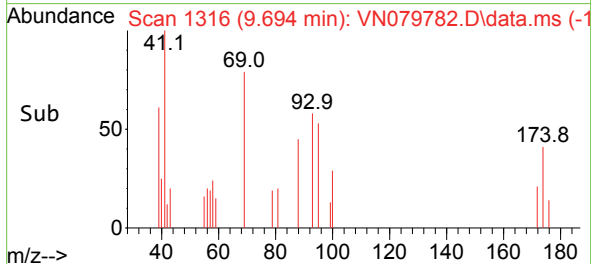
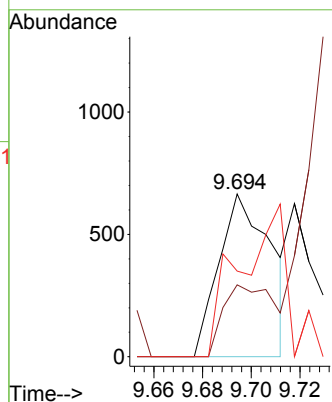
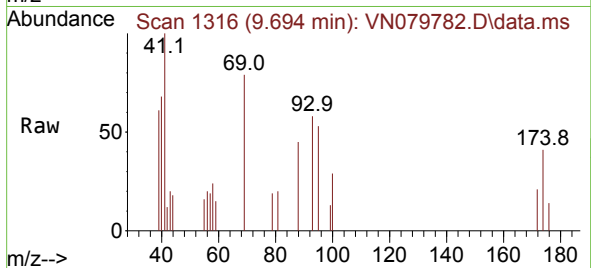
Tgt Ion: 88 Resp: 980

Ion Ratio Lower Upper

88 100

43 43.7 17.0 25.6#

58 92.7 47.0 70.4#



#50

Toluene-d8

Concen: 51.587 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079782.D

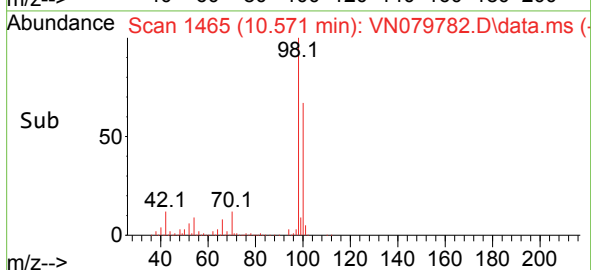
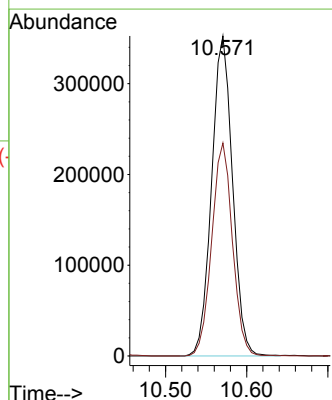
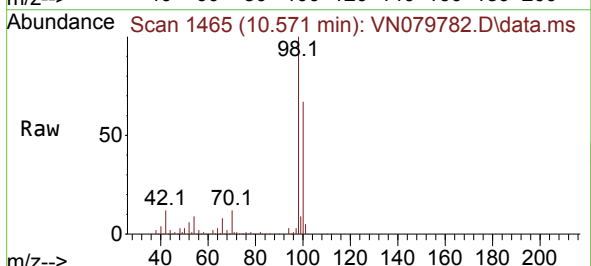
Acq: 01 Nov 2023 19:30

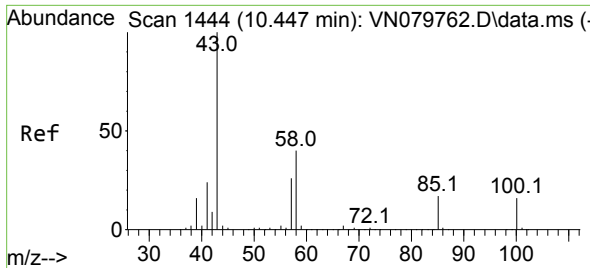
Tgt Ion: 98 Resp: 629688

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0

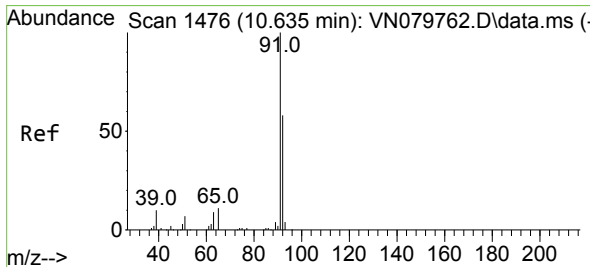
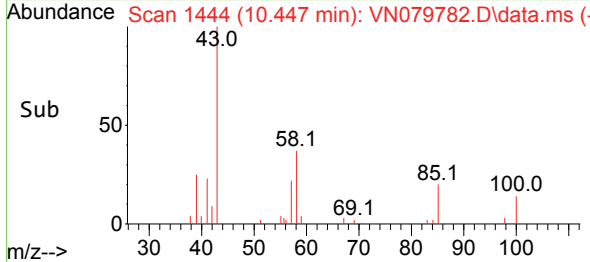
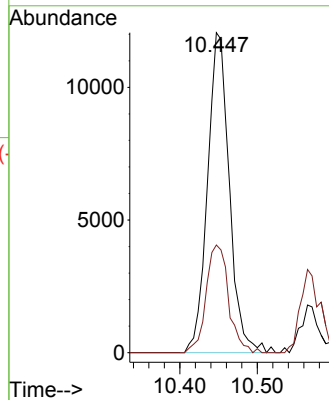
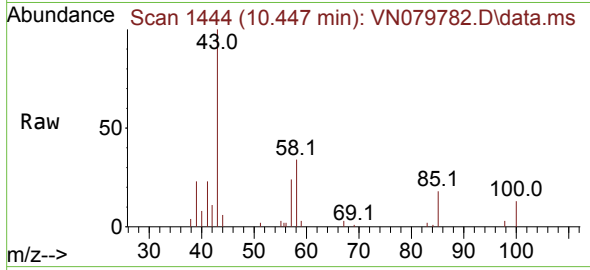




#51
4-Methyl-2-Pentanone
Concen: 5.500 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

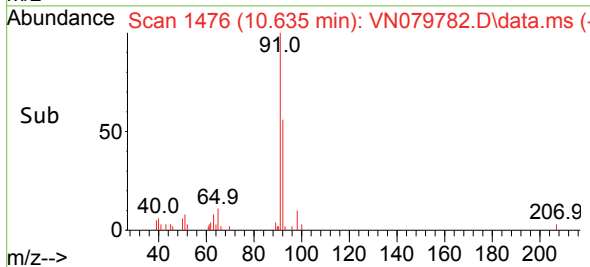
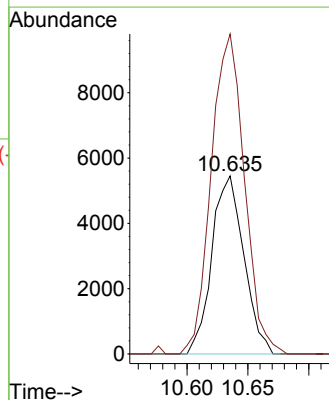
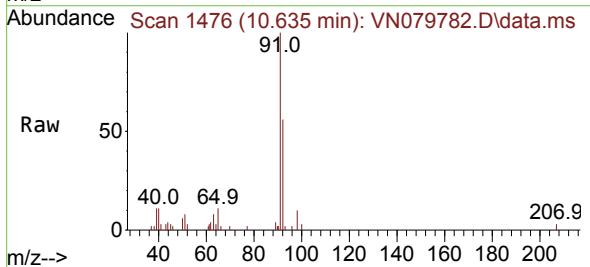
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023

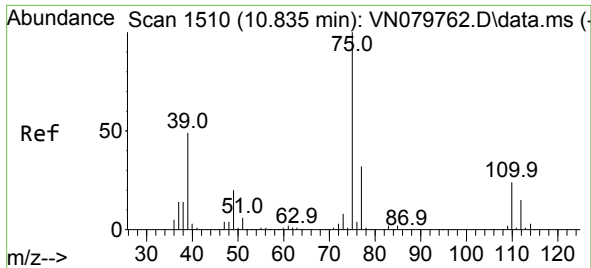
Tgt Ion: 43 Resp: 23579
Ion Ratio Lower Upper
43 100
58 34.8 36.6 54.8#



#52
Toluene
Concen: 1.184 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 92 Resp: 9951
Ion Ratio Lower Upper
92 100
91 186.8 137.4 206.0

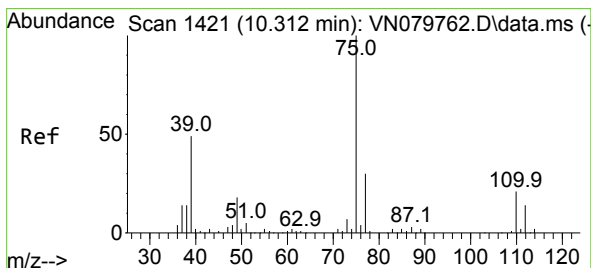
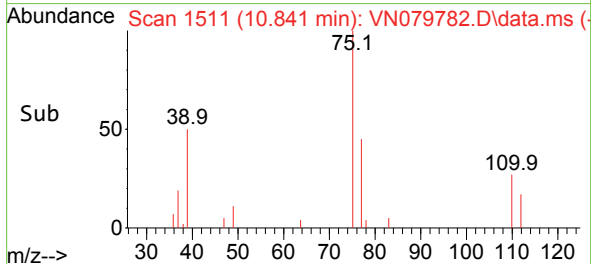
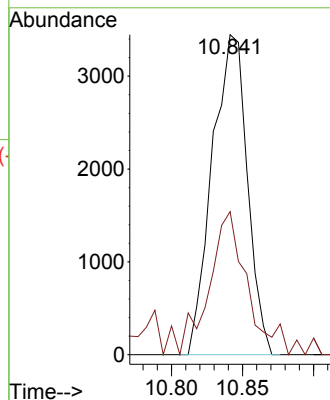
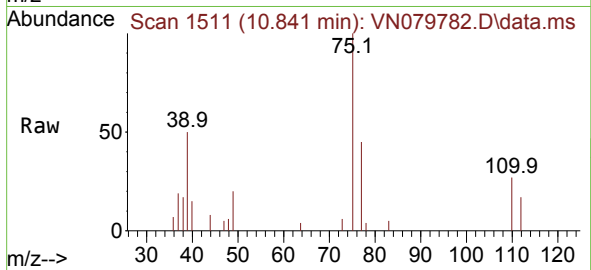




#53
 t-1,3-Dichloropropene
 Concen: 1.146 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079782.D
 Acq: 01 Nov 2023 19:30

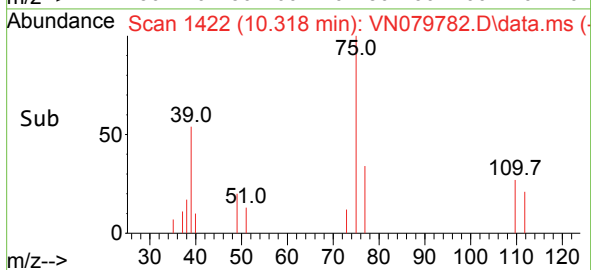
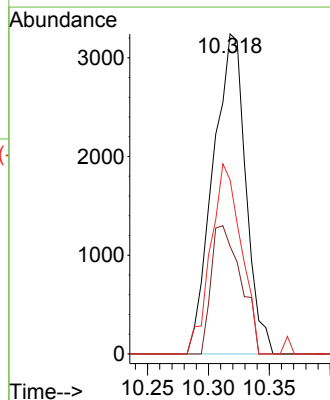
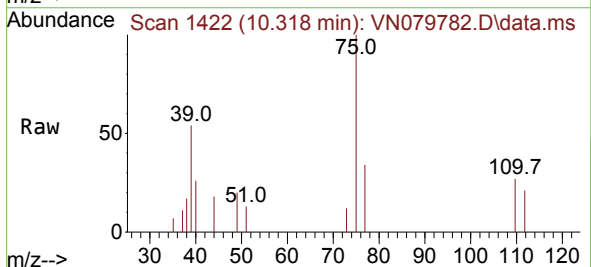
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

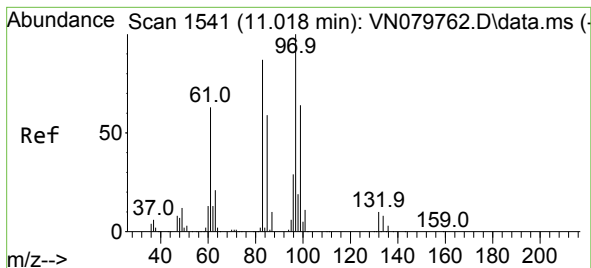
Tgt Ion: 75 Resp: 5928
 Ion Ratio Lower Upper
 75 100
 77 44.7 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 1.074 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079782.D
 Acq: 01 Nov 2023 19:30

Tgt Ion: 75 Resp: 6055
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.1 39.1
 39 54.4 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 1.210 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 97 Resp: 4090

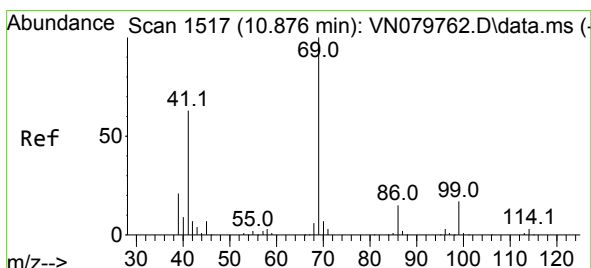
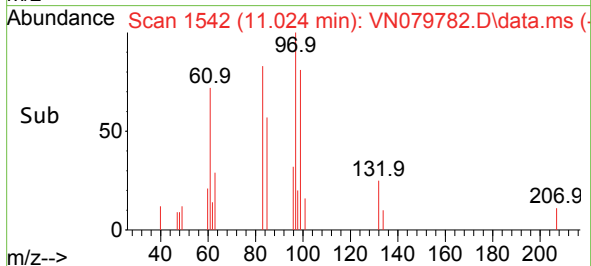
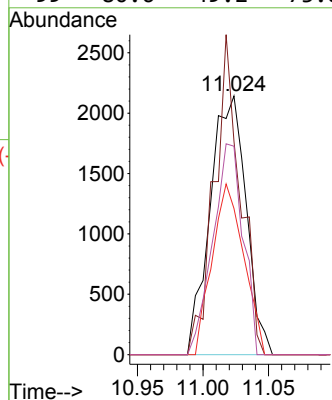
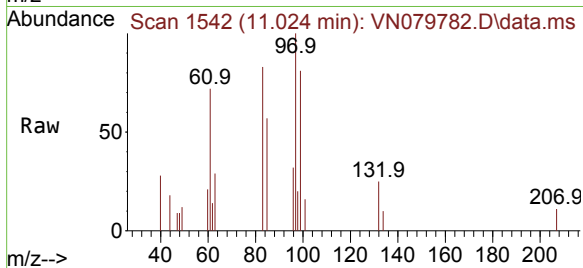
Ion Ratio Lower Upper

97 100

83 82.5 65.1 97.7

85 56.5 43.4 65.2

99 80.6 49.2 73.8#



#56

Ethyl methacrylate

Concen: 1.023 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

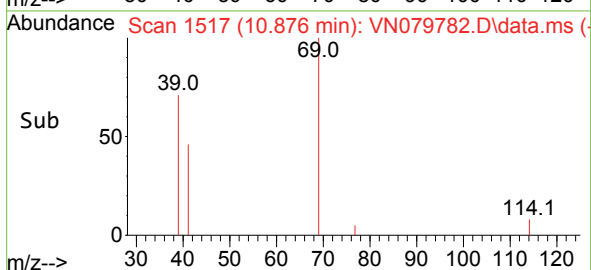
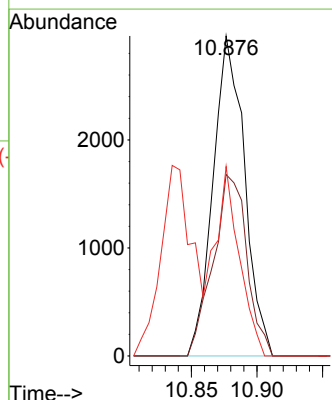
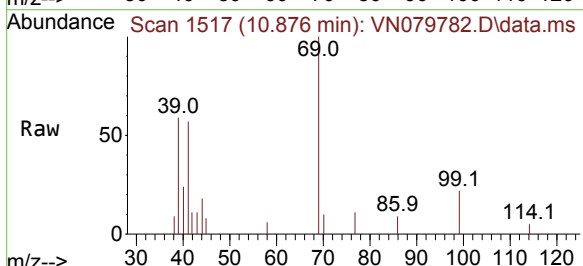
Tgt Ion: 69 Resp: 4936

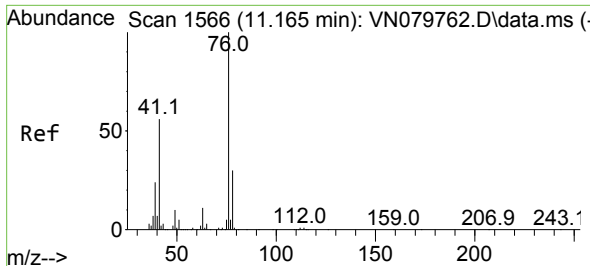
Ion Ratio Lower Upper

69 100

41 60.6 39.6 59.4#

39 46.0 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 1.115 ug/l

RT: 11.171 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

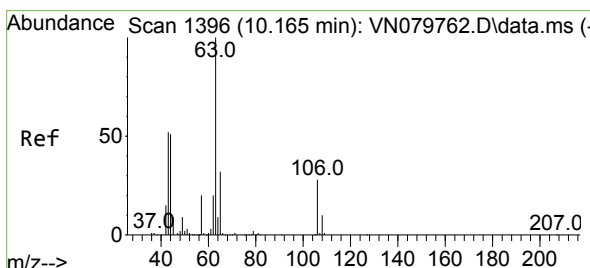
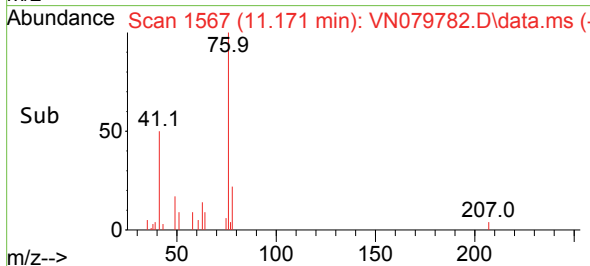
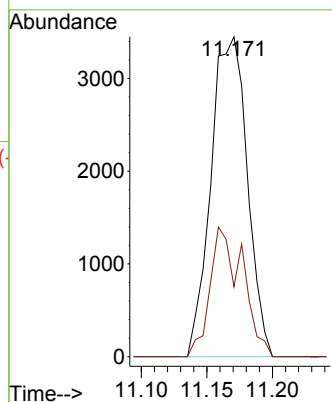
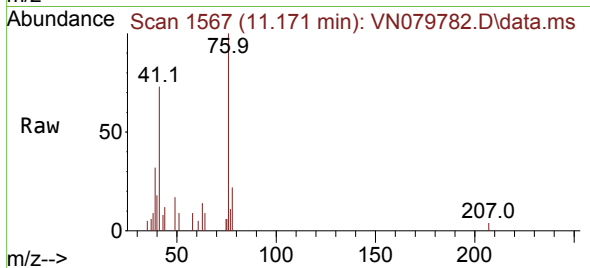
LOQ-WATER-02-QT4-2023

Tgt Ion: 76 Resp: 6644

Ion Ratio Lower Upper

76 100

78 36.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 4.399 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN079782.D

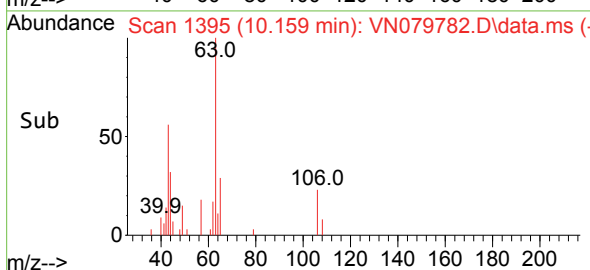
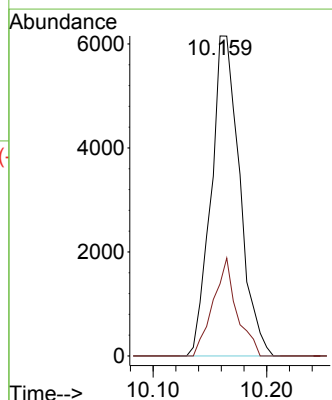
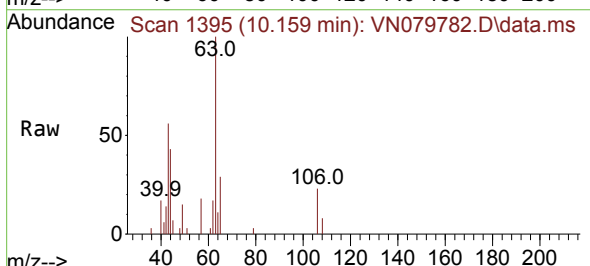
Acq: 01 Nov 2023 19:30

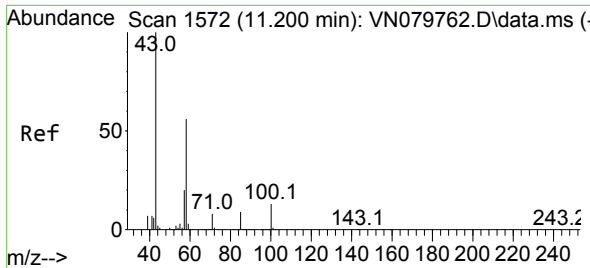
Tgt Ion: 63 Resp: 10754

Ion Ratio Lower Upper

63 100

106 25.3 26.2 39.4#

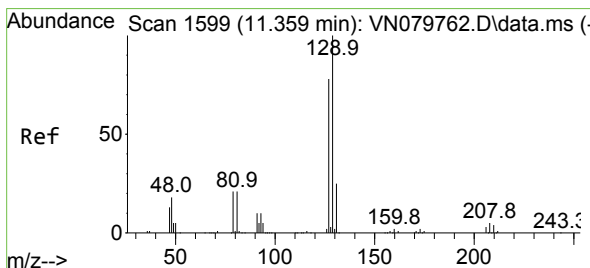
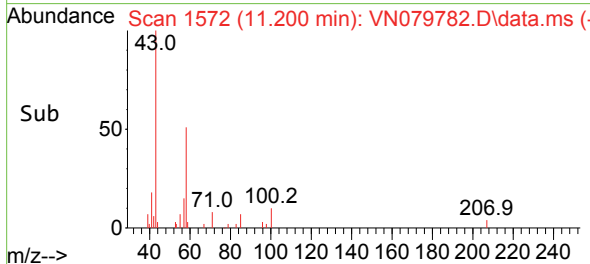
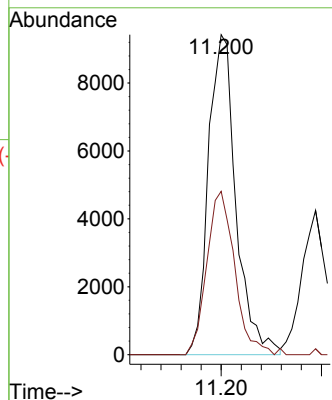
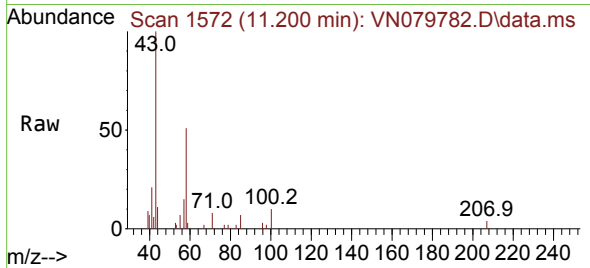




#59
2-Hexanone
Concen: 5.490 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

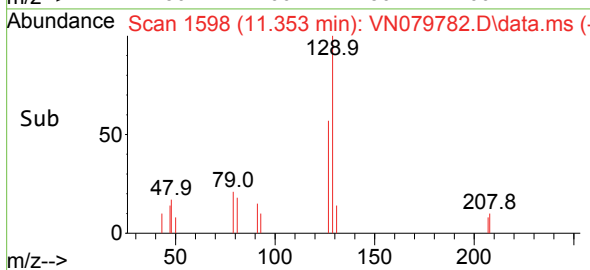
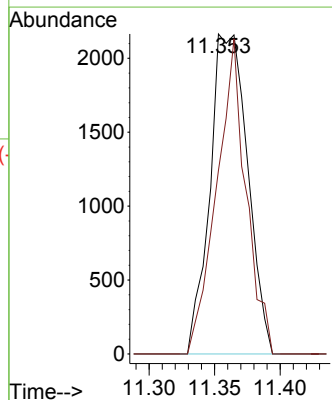
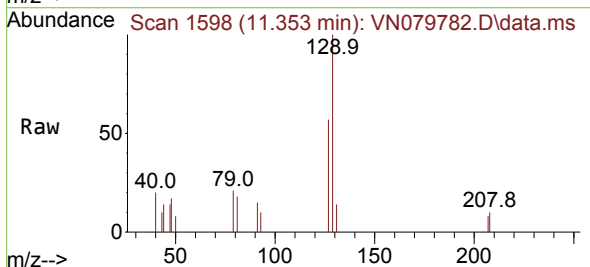
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 18003
Ion Ratio Lower Upper
43 100
58 51.9 31.7 95.1



#60
Dibromochloromethane
Concen: 1.195 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.012 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 129 Resp: 4324
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

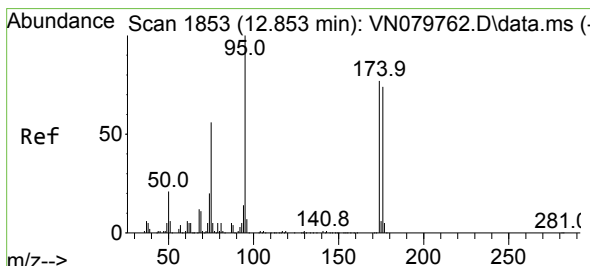
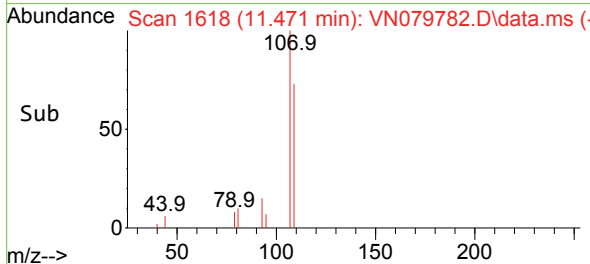
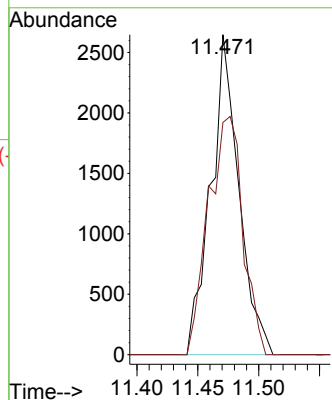
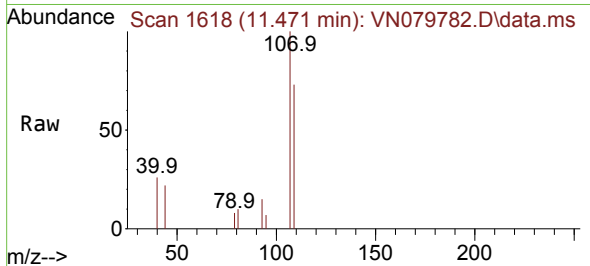




#61
1,2-Dibromoethane
Concen: 1.250 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

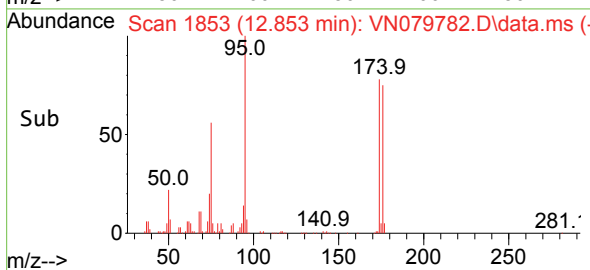
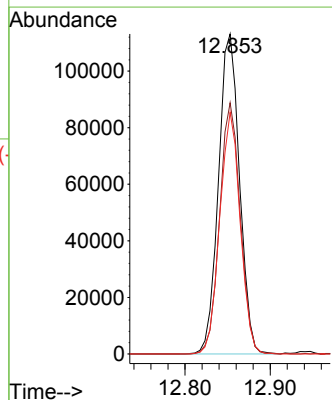
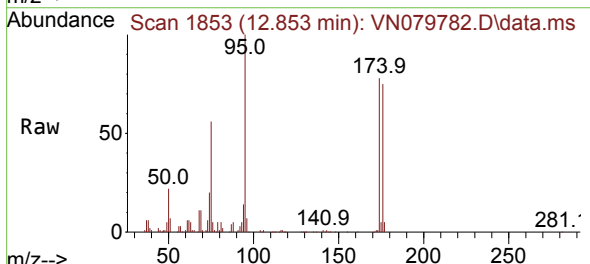
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

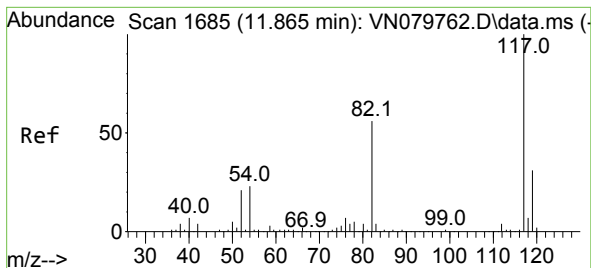
Tgt Ion:107 Resp: 4241
Ion Ratio Lower Upper
107 100
109 91.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 47.910 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 95 Resp: 193950
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 73.3 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: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

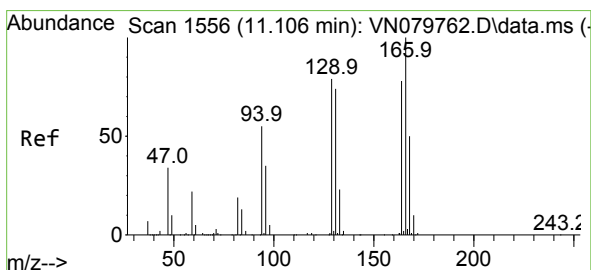
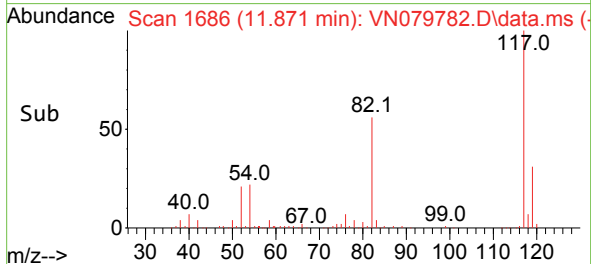
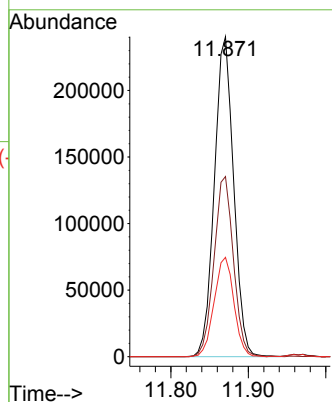
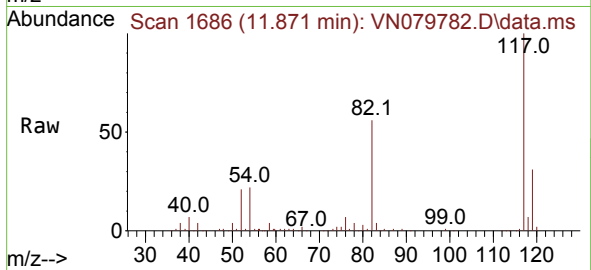
Tgt Ion:117 Resp: 415230

Ion Ratio Lower Upper

117 100

82 56.3 44.0 66.0

119 31.1 25.6 38.4



#64

Tetrachloroethene

Concen: 1.329 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Tgt Ion:164 Resp: 3575

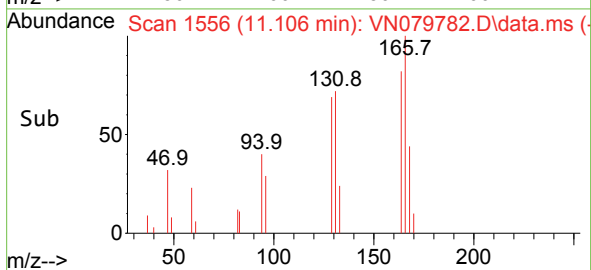
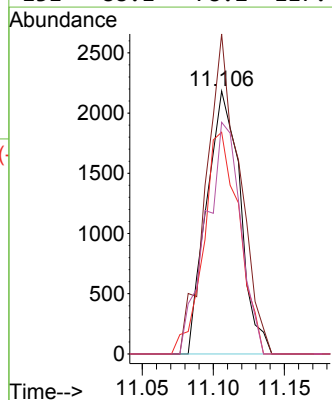
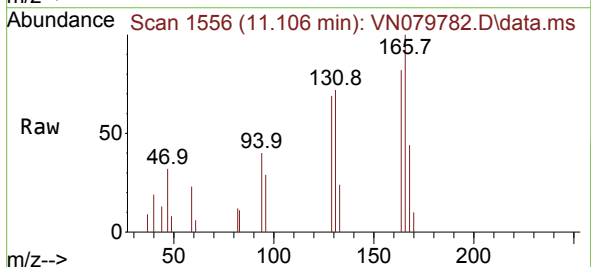
Ion Ratio Lower Upper

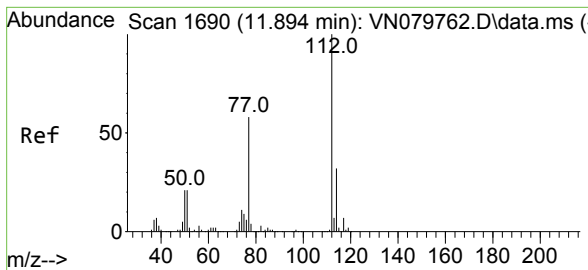
164 100

166 121.7 101.4 152.0

129 84.3 82.4 123.6

131 88.1 78.2 117.4





#65

Chlorobenzene

Concen: 1.301 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

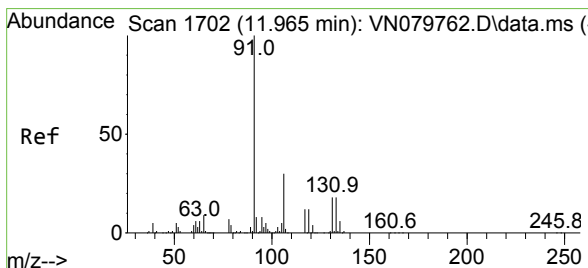
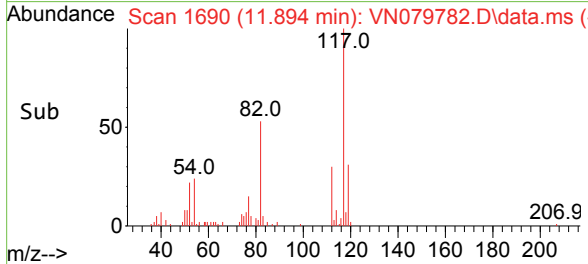
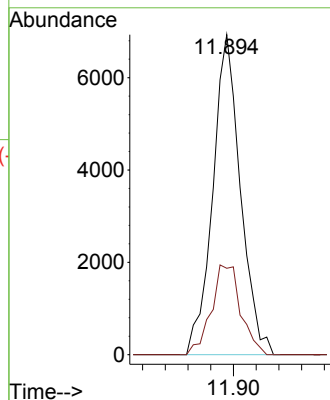
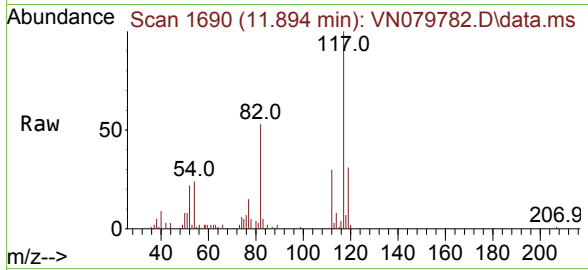
LOQ-WATER-02-QT4-2023

Tgt Ion:112 Resp: 11718

Ion Ratio Lower Upper

112 100

114 27.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 1.160 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

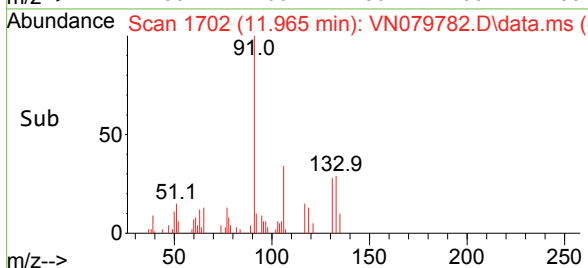
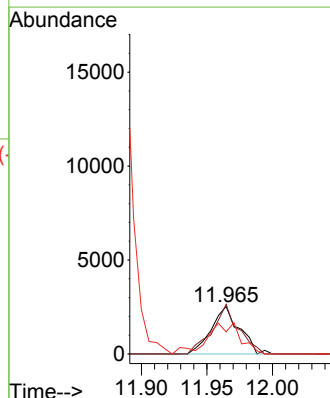
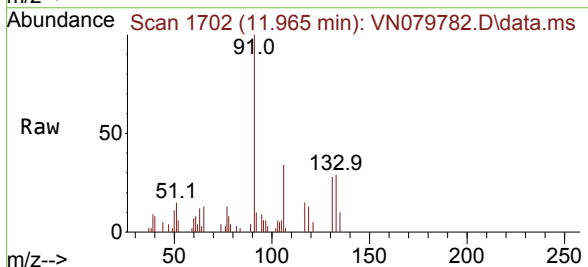
Tgt Ion:131 Resp: 3765

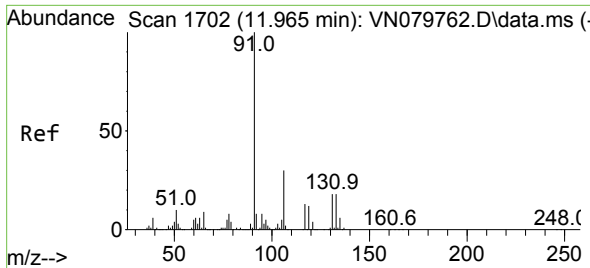
Ion Ratio Lower Upper

131 100

133 97.4 46.4 139.1

119 0.0 34.1 102.2#

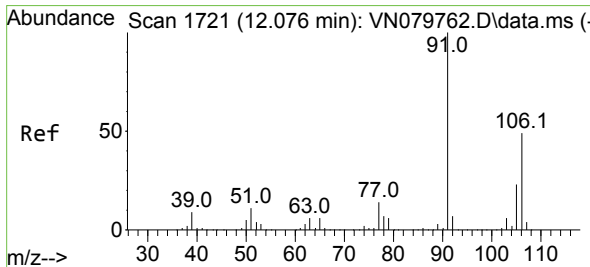
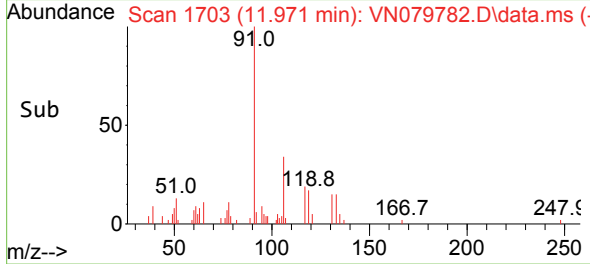
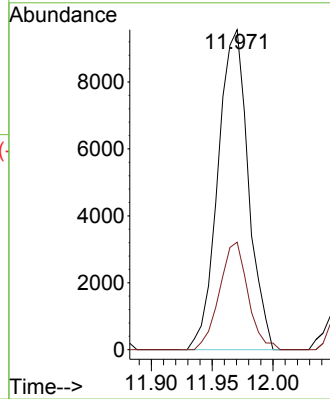
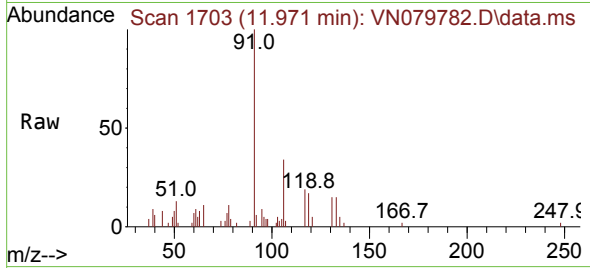




#67
Ethyl Benzene
Concen: 1.059 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

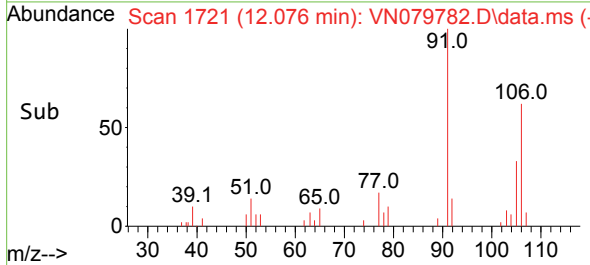
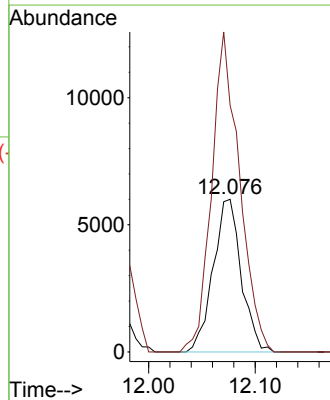
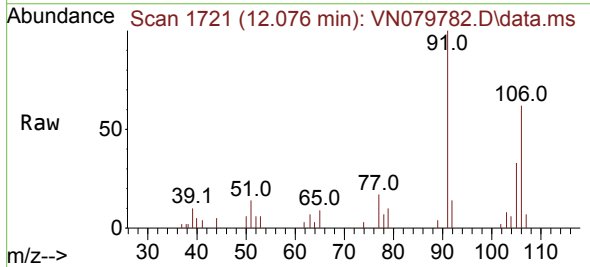
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

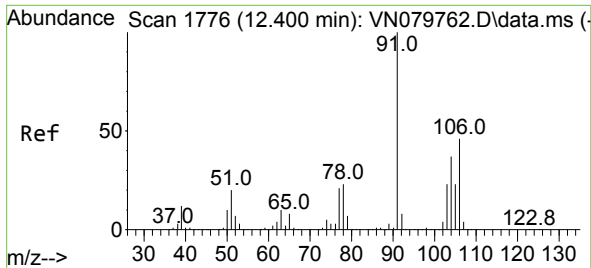
Tgt Ion: 91 Resp: 16614
Ion Ratio Lower Upper
91 100
106 33.6 25.6 38.4



#68
m/p-Xylenes
Concen: 1.879 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion:106 Resp: 10982
Ion Ratio Lower Upper
106 100
91 207.9 159.6 239.4

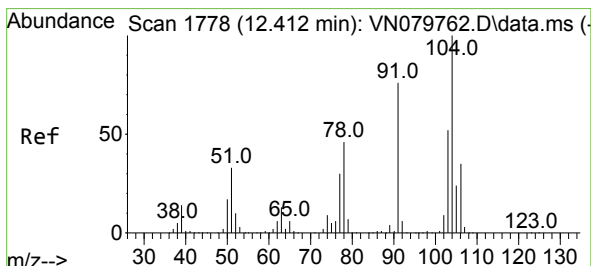
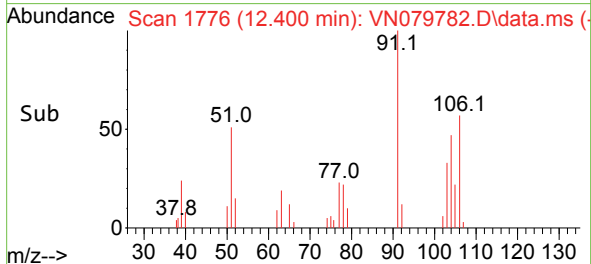
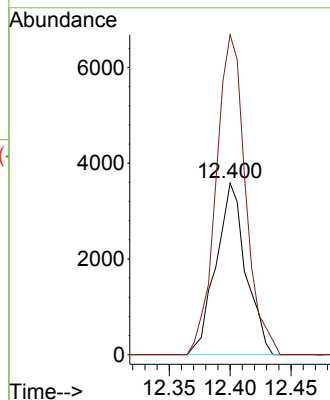
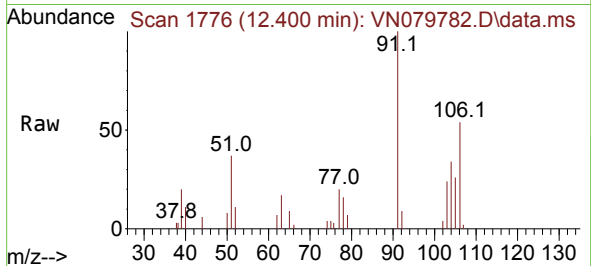




#69
o-Xylene
Concen: 1.085 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

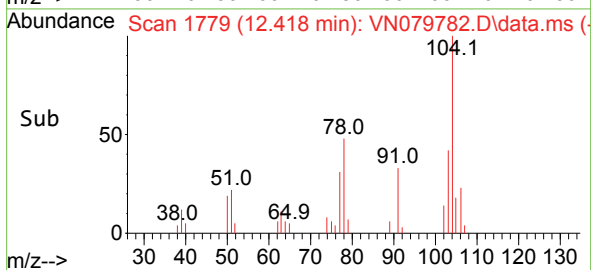
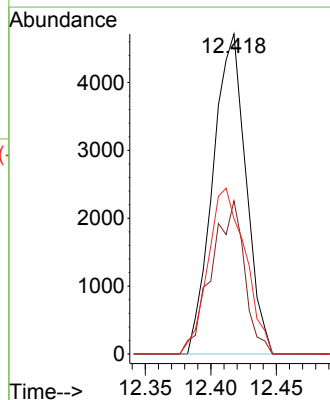
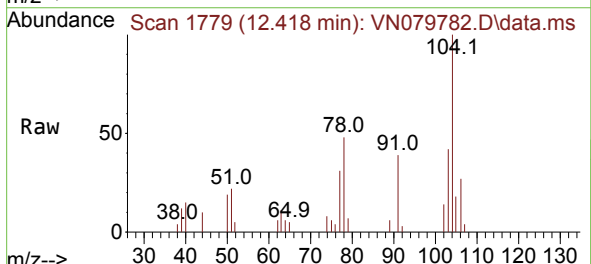
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

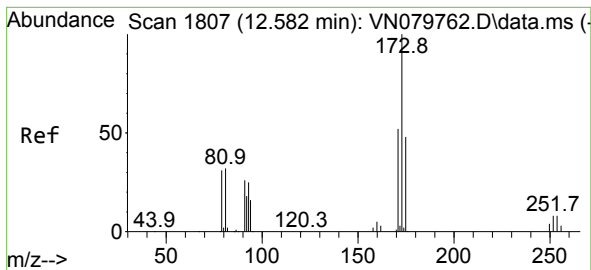
Tgt Ion:106 Resp: 6110
Ion Ratio Lower Upper
106 100
91 184.7 105.2 315.5



#70
Styrene
Concen: 0.913 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion:104 Resp: 8258
Ion Ratio Lower Upper
104 100
78 47.8 39.5 59.3
103 58.4 43.2 64.8





#71

Bromoform

Concen: 1.164 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

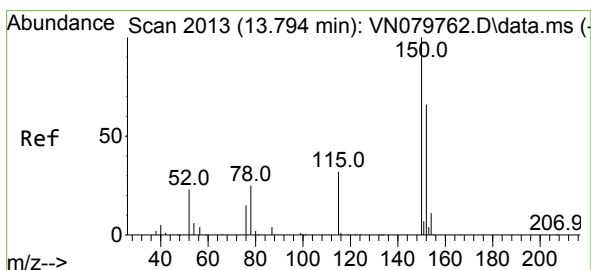
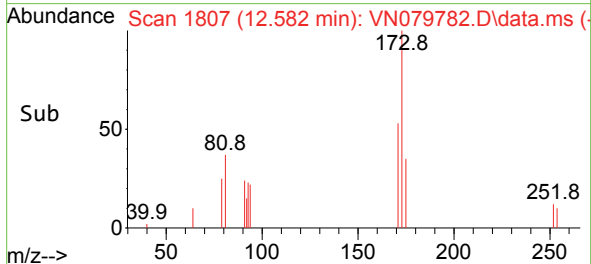
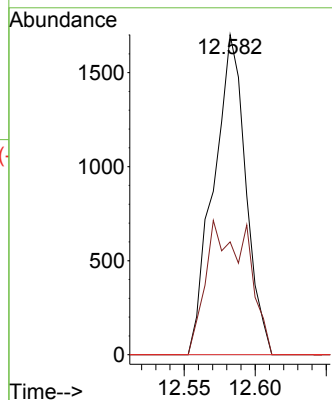
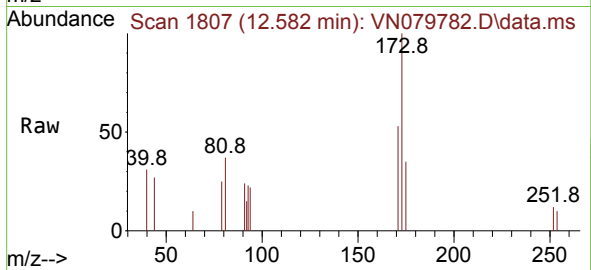
Tgt Ion:173 Resp: 2682

Ion Ratio Lower Upper

173 100

175 53.8 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: VN079782.D

Acq: 01 Nov 2023 19:30

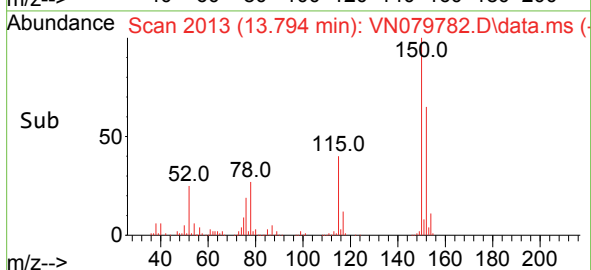
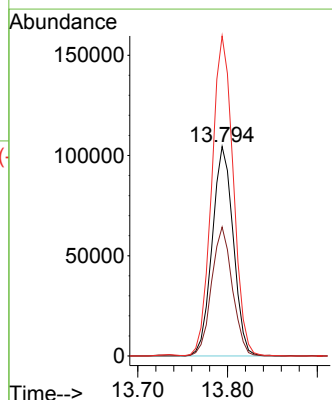
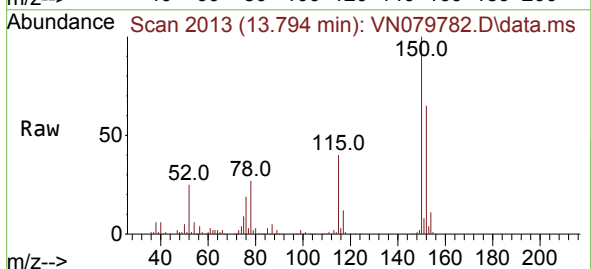
Tgt Ion:152 Resp: 170243

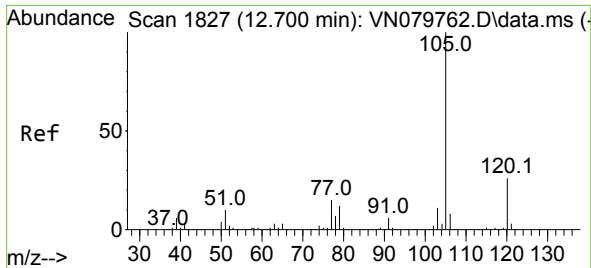
Ion Ratio Lower Upper

152 100

115 60.7 32.3 96.8

150 156.1 0.0 355.8

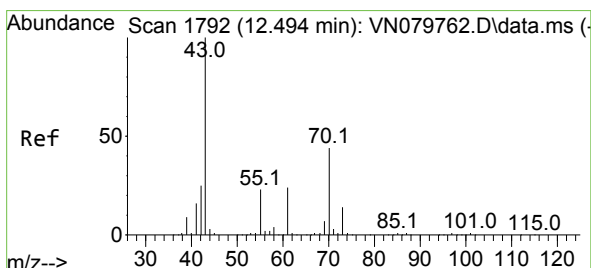
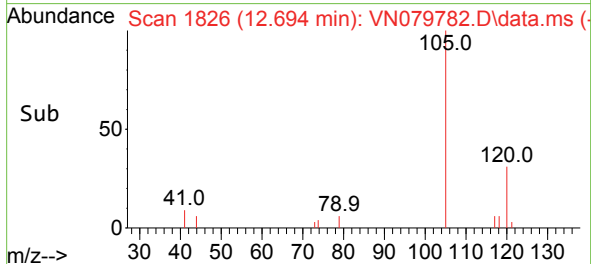
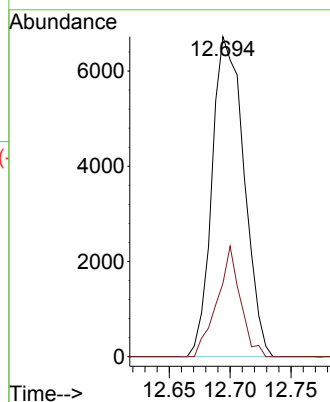
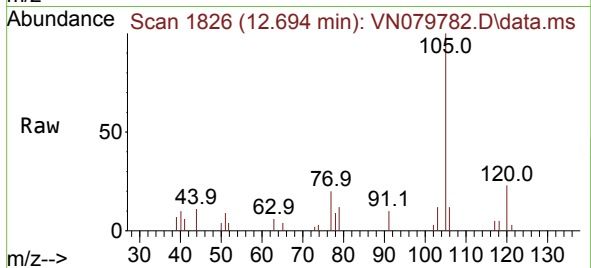




#73
Isopropylbenzene
Concen: 0.948 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

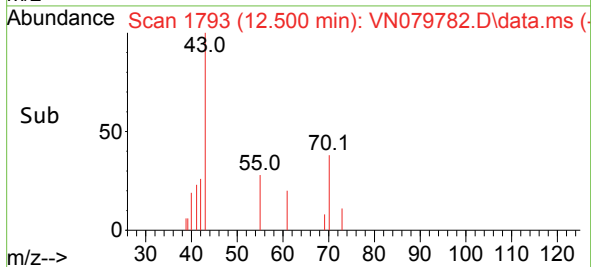
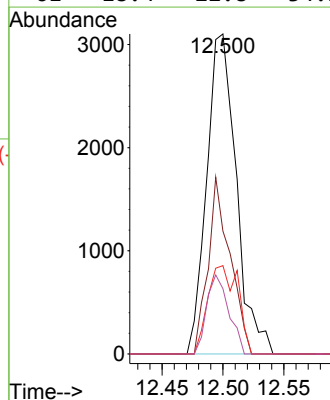
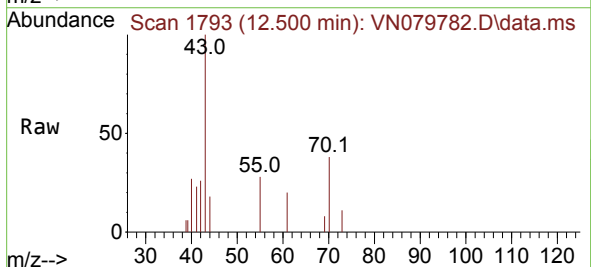
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

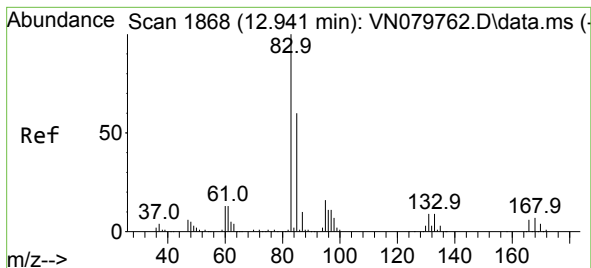
Tgt Ion:105 Resp: 12247
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1



#74
N-ethyl acetate
Concen: 0.930 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 43 Resp: 5246
Ion Ratio Lower Upper
43 100
70 41.0 43.4 65.2#
55 28.1 21.4 32.0
61 18.4 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.295 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

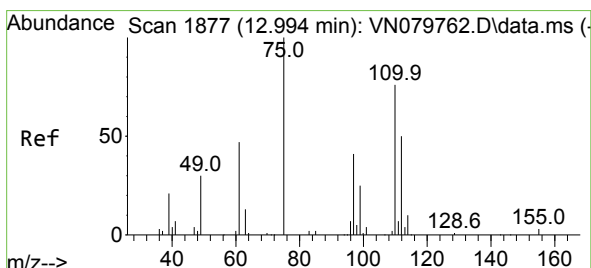
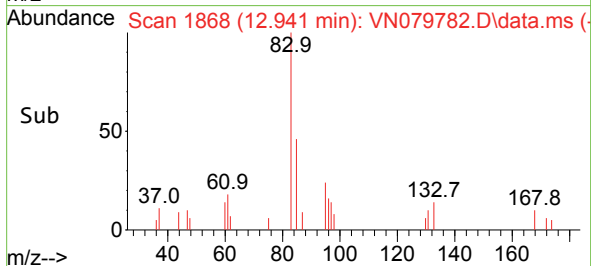
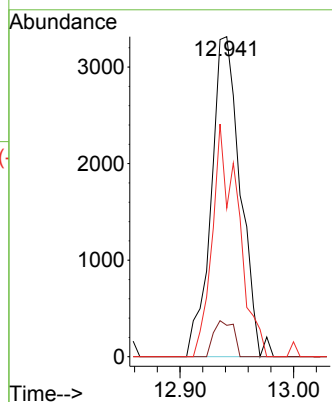
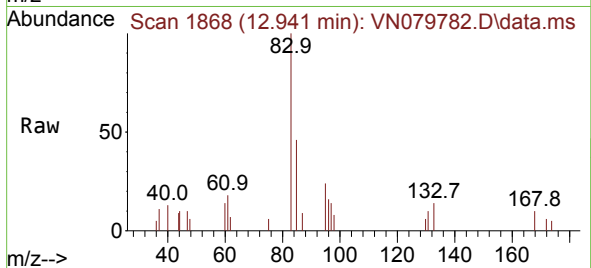
Tgt Ion: 83 Resp: 5932

Ion Ratio Lower Upper

83 100

131 7.6 5.0 15.0

85 64.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 1.991 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079782.D

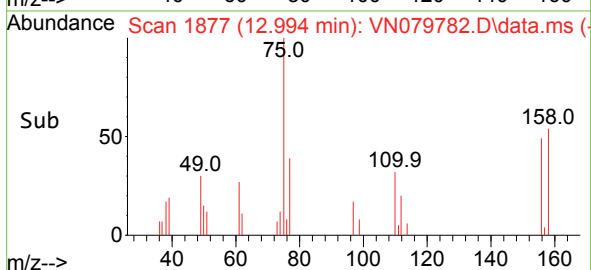
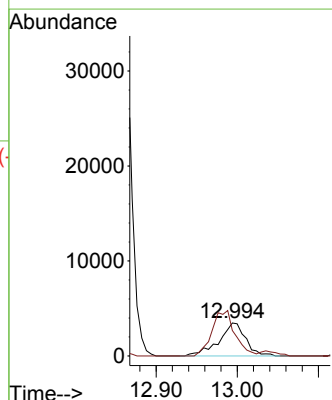
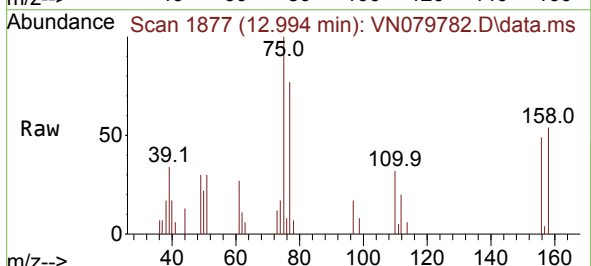
Acq: 01 Nov 2023 19:30

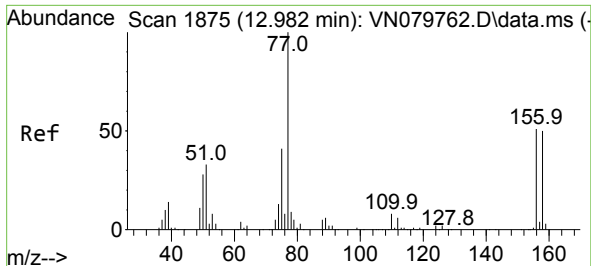
Tgt Ion: 75 Resp: 7956

Ion Ratio Lower Upper

75 100

77 118.4 84.5 253.5

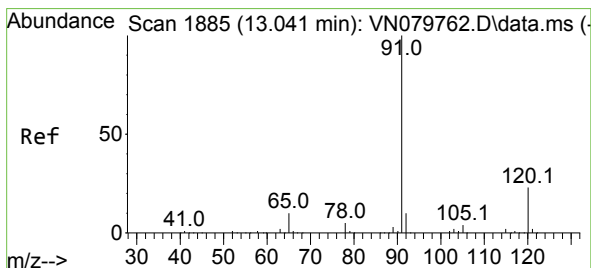
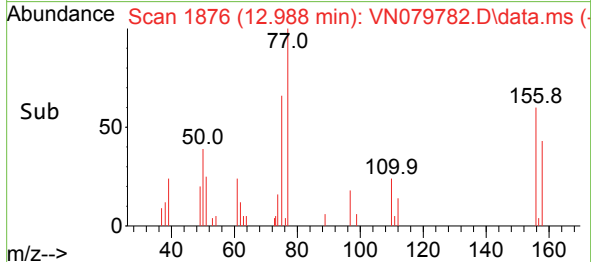
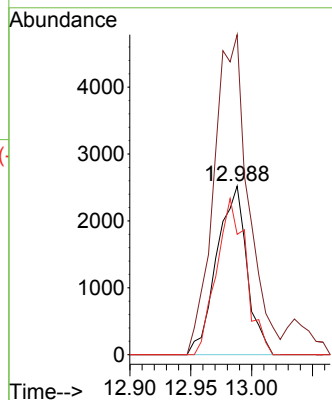
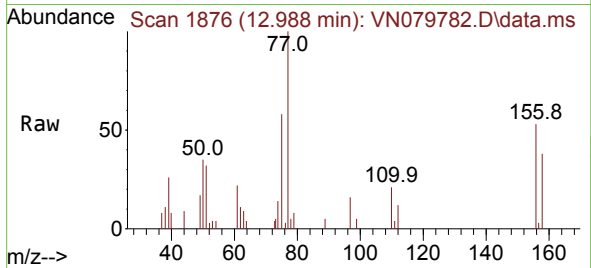




#77
Bromobenzene
Concen: 1.373 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

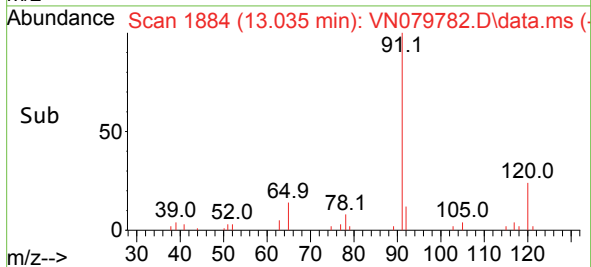
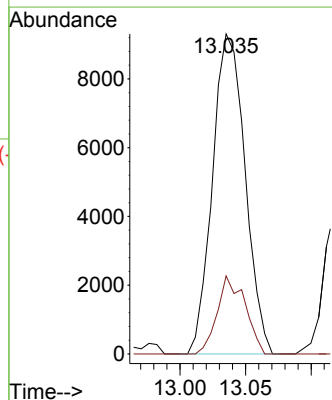
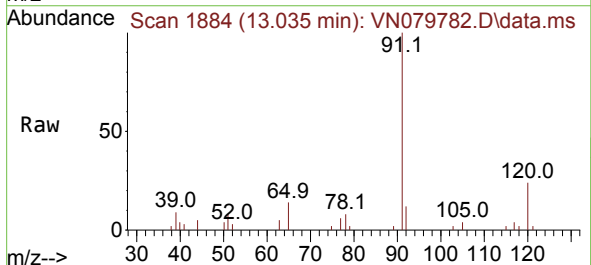
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

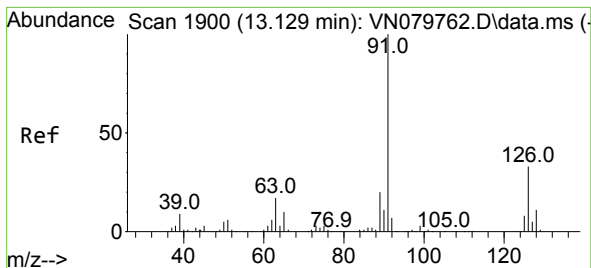
Tgt Ion:156 Resp: 4344
Ion Ratio Lower Upper
156 100
77 216.8 107.7 323.3
158 90.7 48.4 145.3



#78
n-propylbenzene
Concen: 1.088 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion: 91 Resp: 16099
Ion Ratio Lower Upper
91 100
120 20.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.233 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

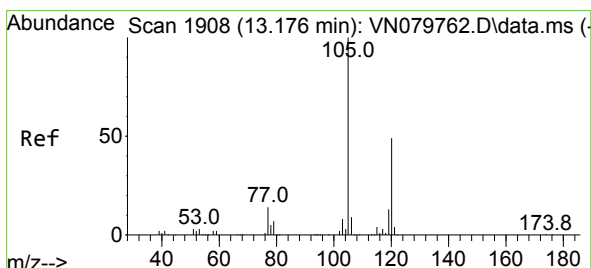
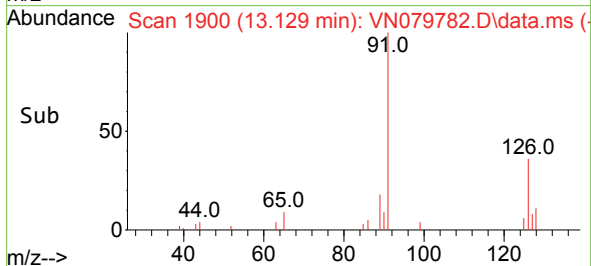
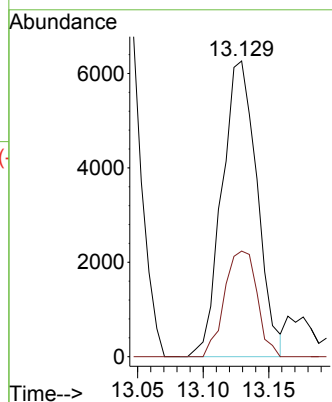
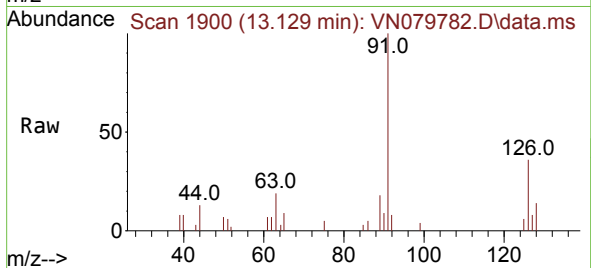
LOQ-WATER-02-QT4-2023

Tgt Ion: 91 Resp: 11658

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.995 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079782.D

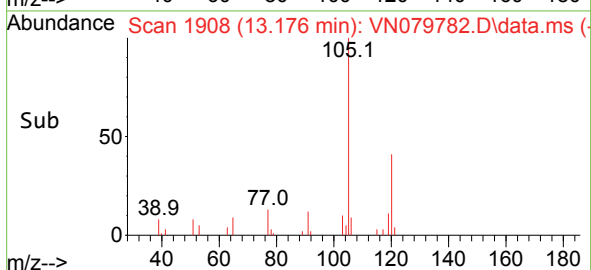
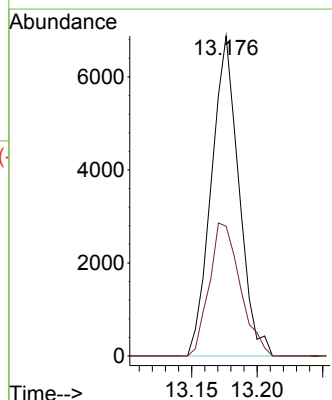
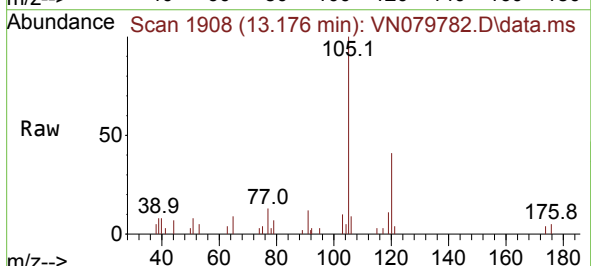
Acq: 01 Nov 2023 19:30

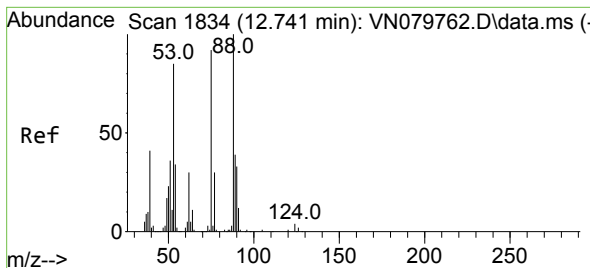
Tgt Ion: 105 Resp: 10005

Ion Ratio Lower Upper

105 100

120 46.9 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 73.285 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN079782.D

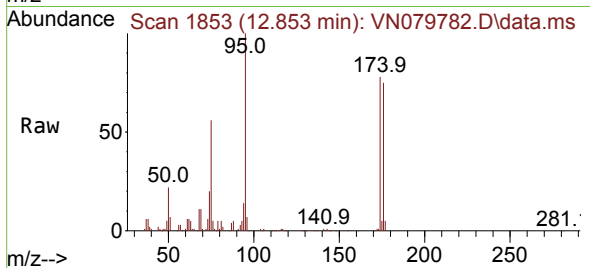
Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023



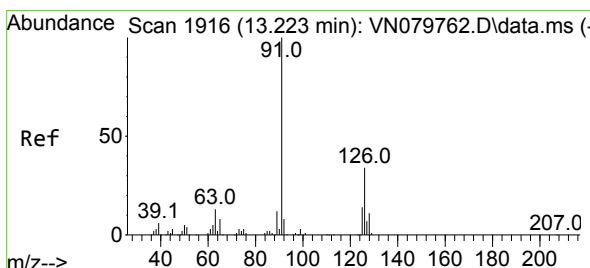
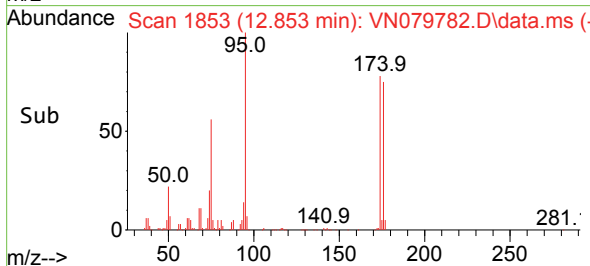
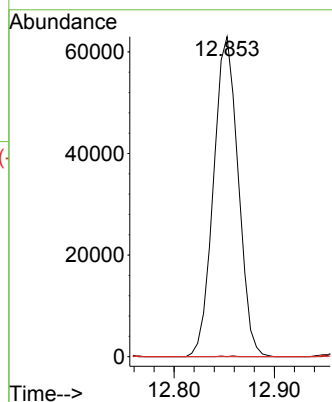
Tgt Ion: 75 Resp: 107655

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#



#82

4-Chlorotoluene

Concen: 1.098 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.000 min

Lab File: VN079782.D

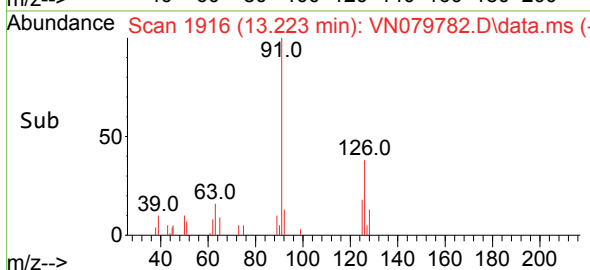
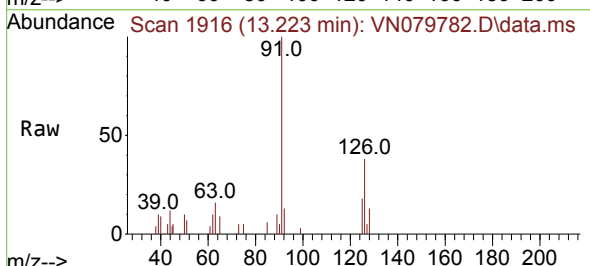
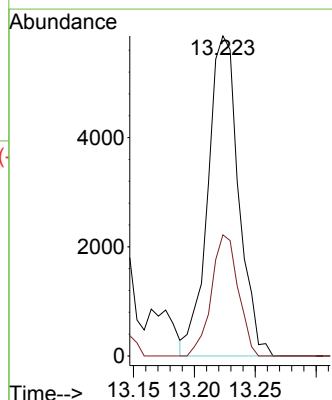
Acq: 01 Nov 2023 19:30

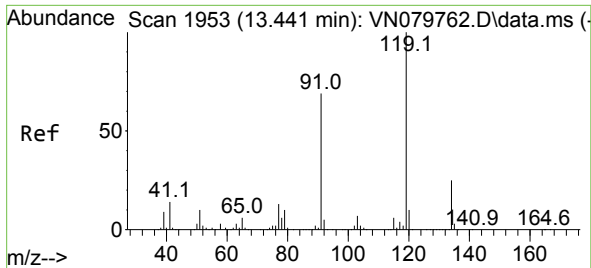
Tgt Ion: 91 Resp: 10317

Ion Ratio Lower Upper

91 100

126 32.9 16.7 50.0

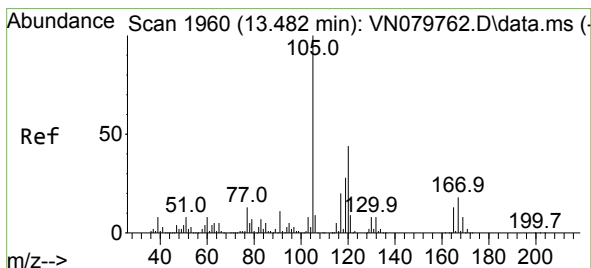
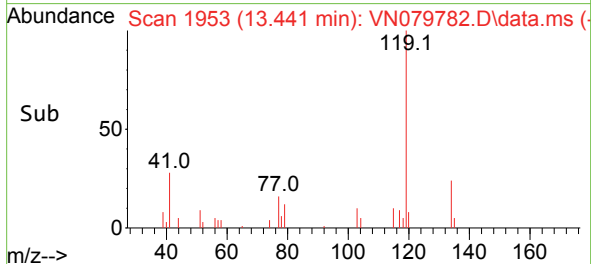
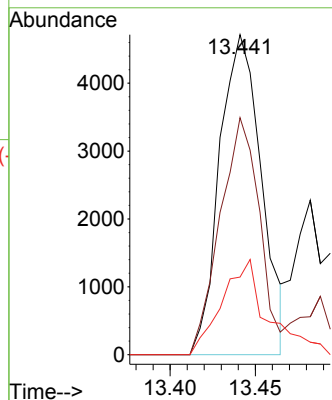
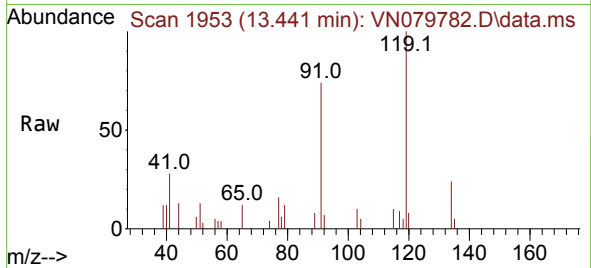




#83
tert-Butylbenzene
Concen: 0.980 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

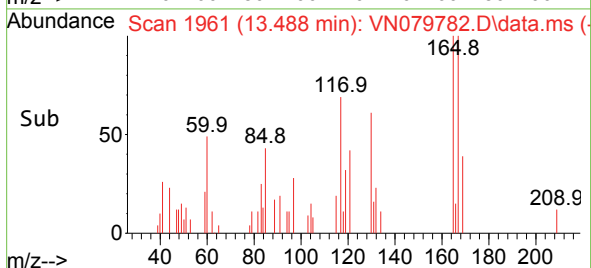
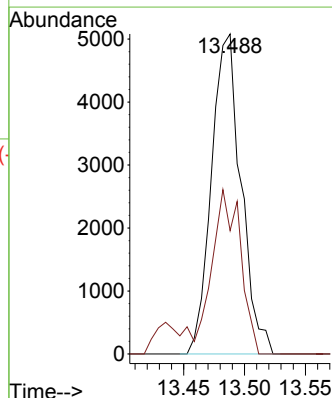
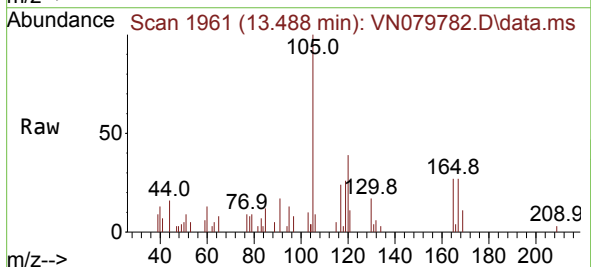
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023

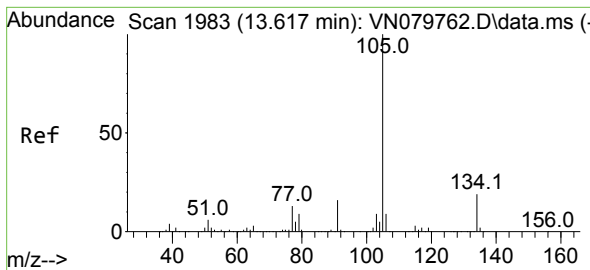
Tgt Ion:119	Resp:	8061
Ion Ratio	Lower	Upper
119	100	
91	69.7	33.9 101.7
134	32.6	13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.868 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion:105	Resp:	8581
Ion Ratio	Lower	Upper
105	100	
120	49.0	22.0 66.0





#85

sec-Butylbenzene

Concen: 0.944 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

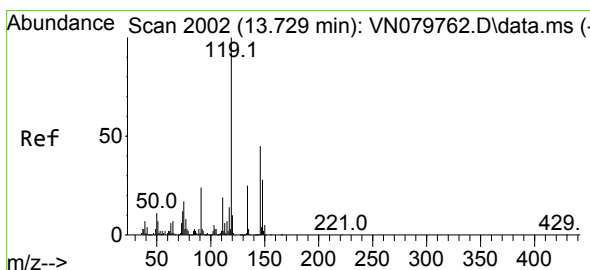
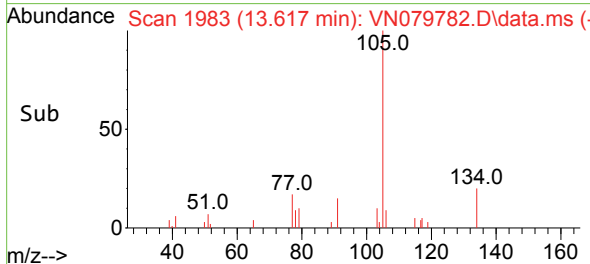
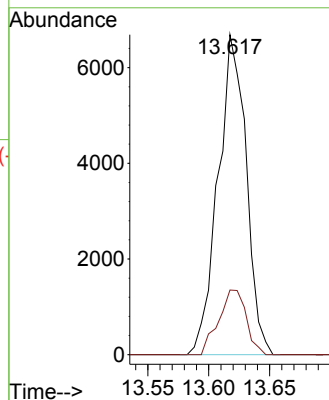
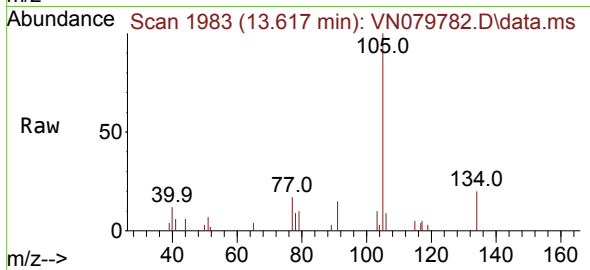
LOQ-WATER-02-QT4-2023

Tgt Ion:105 Resp: 10761

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.862 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

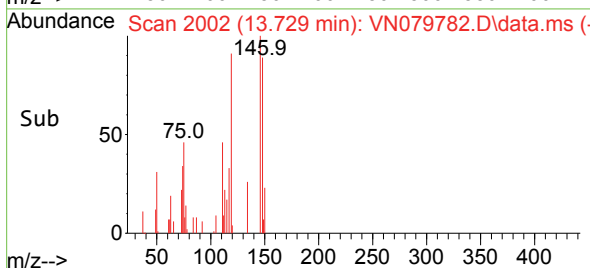
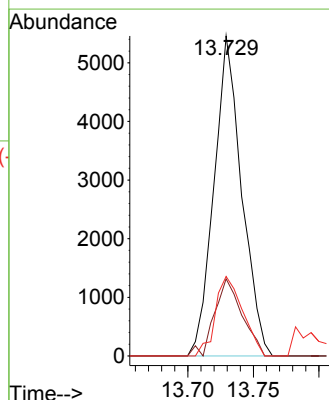
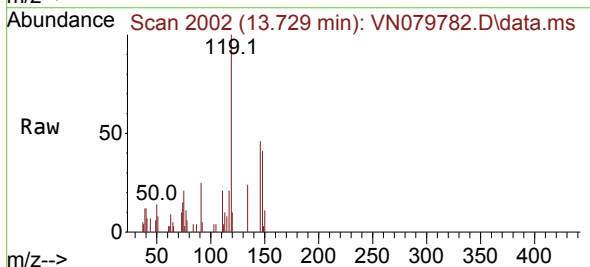
Tgt Ion:119 Resp: 8016

Ion Ratio Lower Upper

119 100

134 24.0 12.6 37.8

91 24.6 12.4 37.2

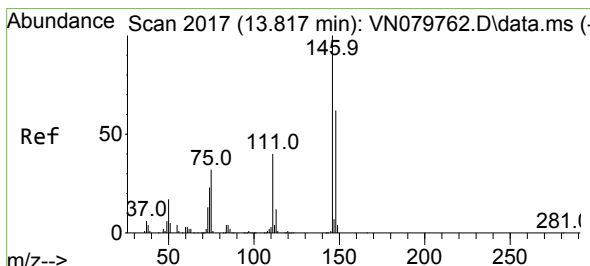
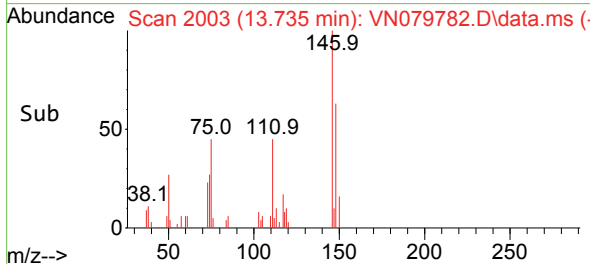
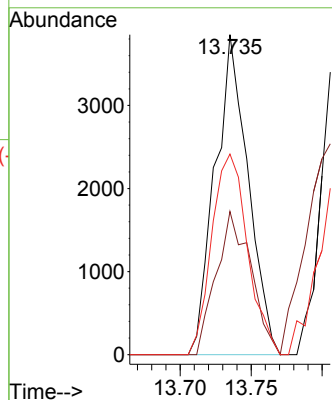
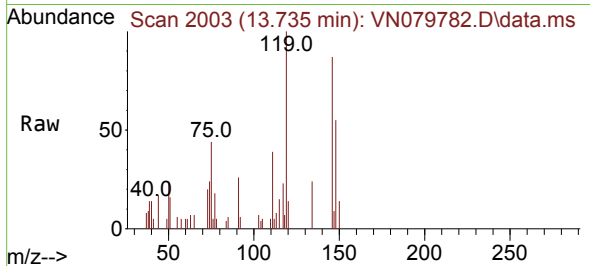




#87
1,3-Dichlorobenzene
Concen: 1.060 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

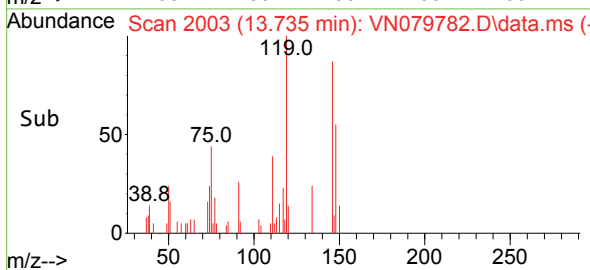
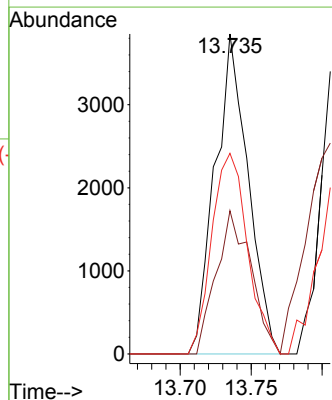
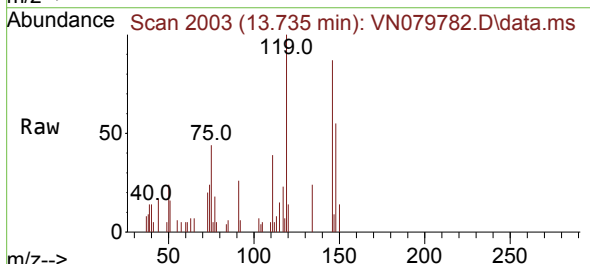
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

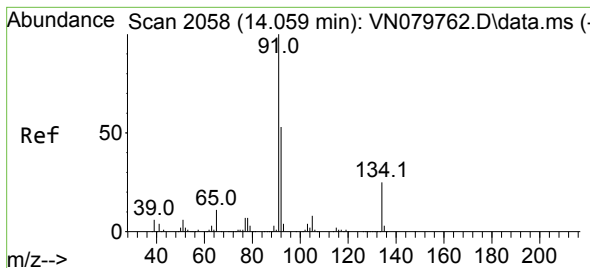
Tgt Ion:146 Resp: 6237
Ion Ratio Lower Upper
146 100
111 46.9 22.1 66.3
148 67.9 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 1.044 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.082 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion:146 Resp: 6237
Ion Ratio Lower Upper
146 100
111 46.9 20.6 61.8
148 67.9 31.6 94.8





#89

n-Butylbenzene

Concen: 0.941 ug/l

RT: 14.065 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

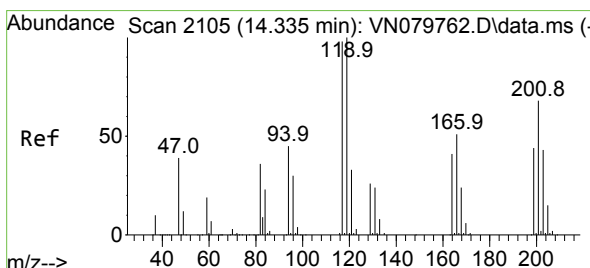
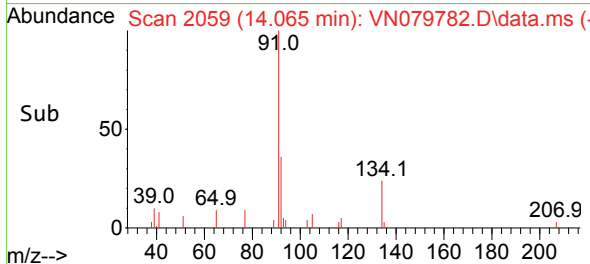
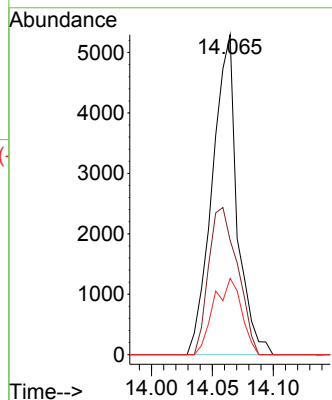
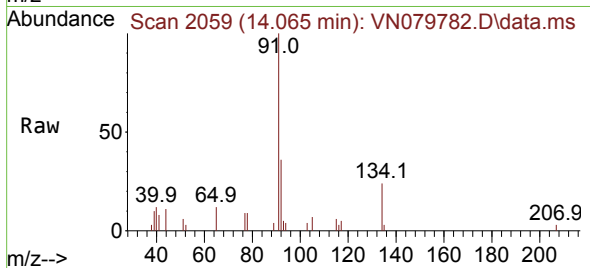
Tgt Ion: 91 Resp: 7537

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 1.203 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079782.D

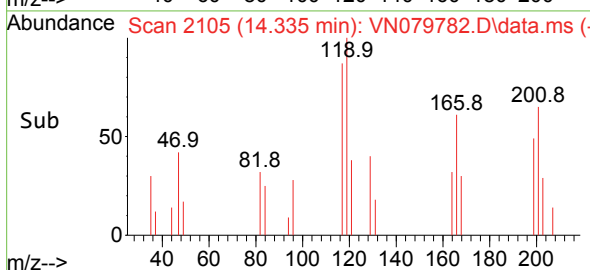
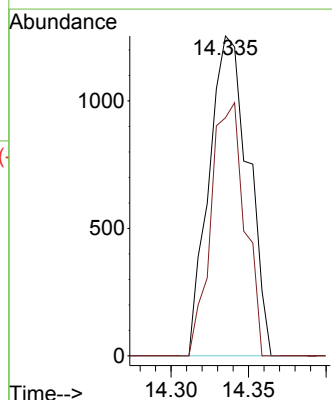
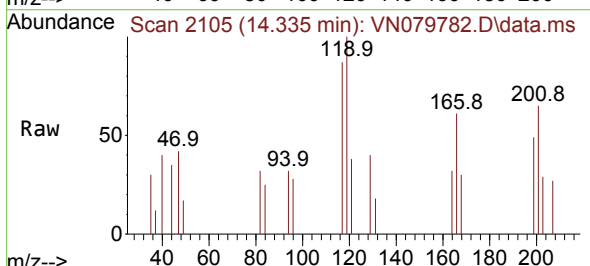
Acq: 01 Nov 2023 19:30

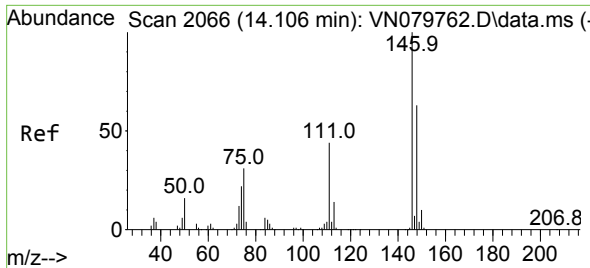
Tgt Ion: 117 Resp: 2214

Ion Ratio Lower Upper

117 100

201 68.0 29.3 88.0

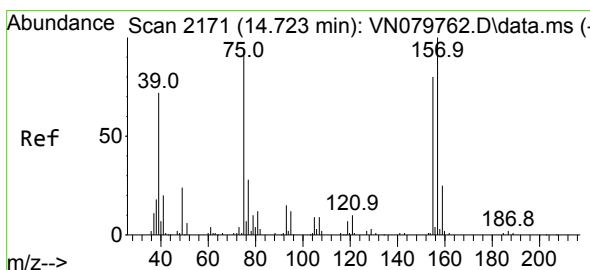
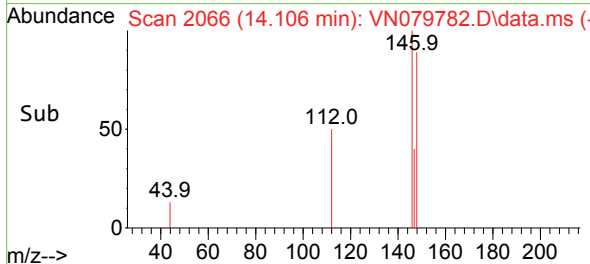
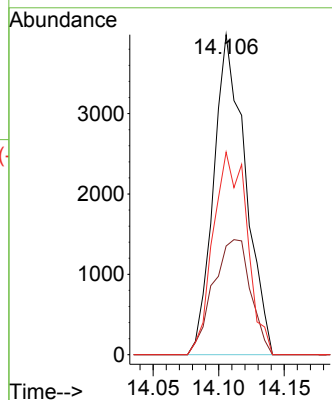
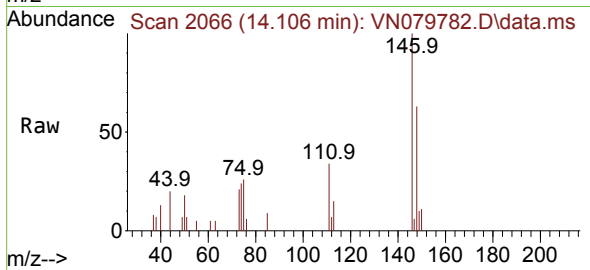




#91
1,2-Dichlorobenzene
Concen: 1.207 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

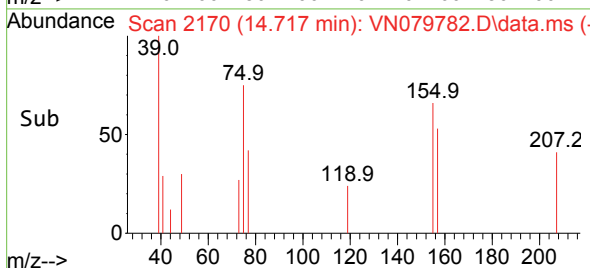
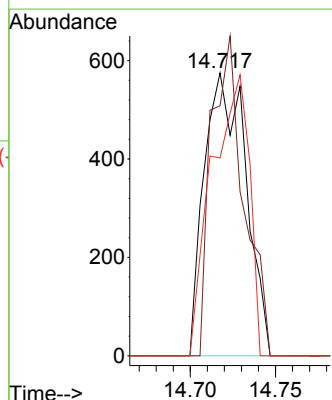
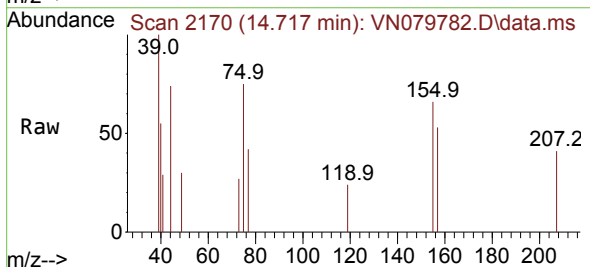
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023

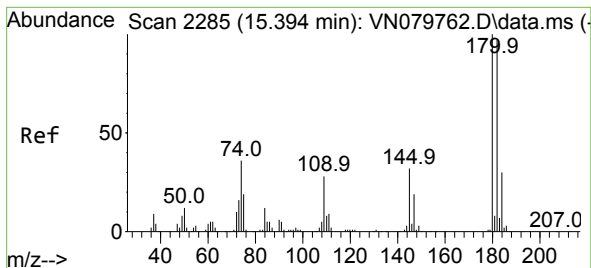
Tgt Ion:	146	Resp:	6704
Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.0	66.0
148	67.6	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.256 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN079782.D
Acq: 01 Nov 2023 19:30

Tgt Ion:	75	Resp:	976
Ion	Ratio	Lower	Upper
75	100		
155	87.9	39.1	117.2
157	89.1	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 1.046 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079782.D

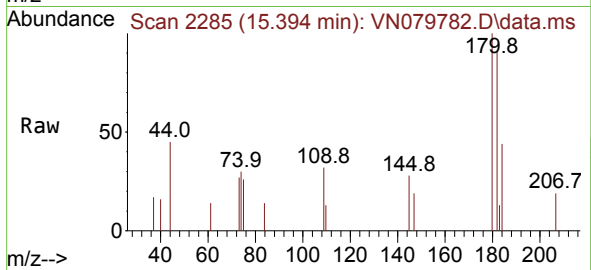
Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023



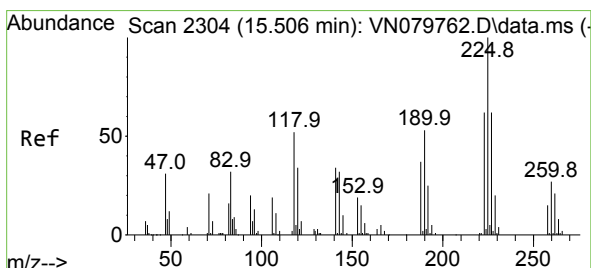
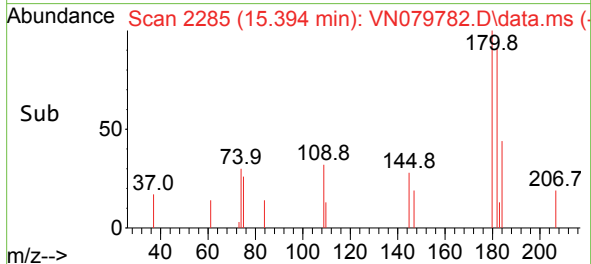
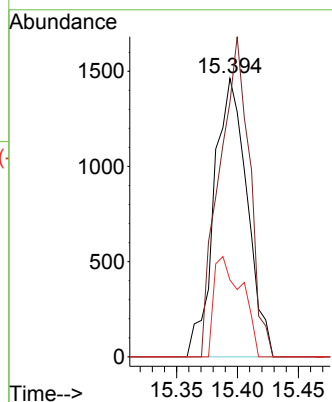
Tgt Ion:180 Resp: 2763

Ion Ratio Lower Upper

180 100

182 104.6 46.1 138.2

145 30.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 1.332 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

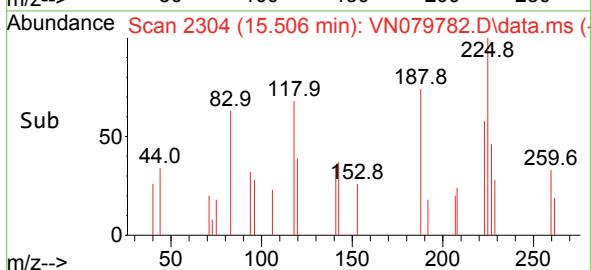
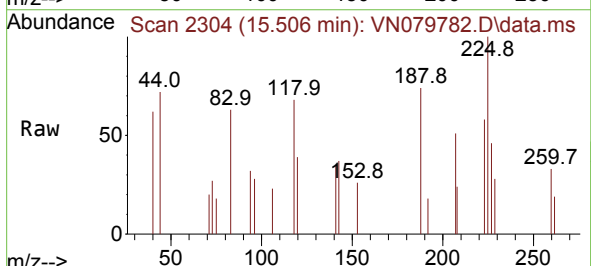
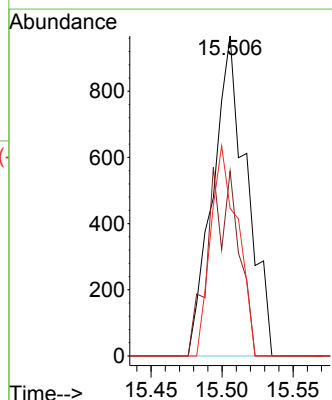
Tgt Ion:225 Resp: 1595

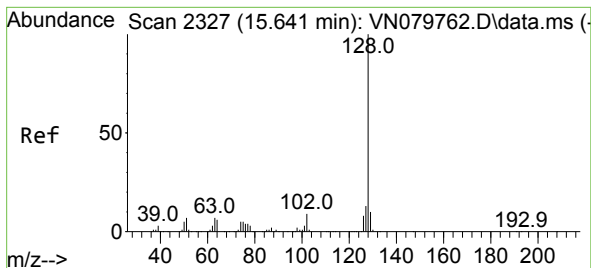
Ion Ratio Lower Upper

225 100

223 52.1 31.3 93.8

227 52.5 31.9 95.9





#95

Naphthalene

Concen: 0.877 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

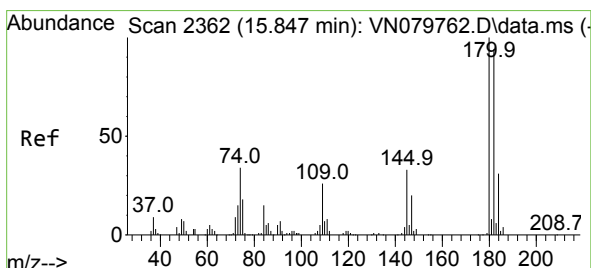
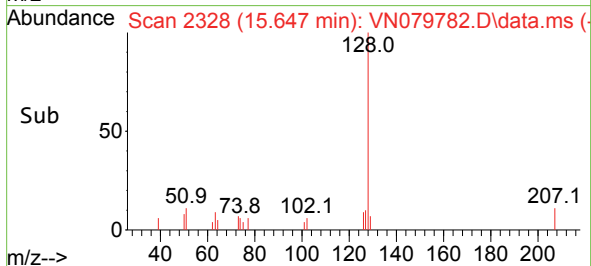
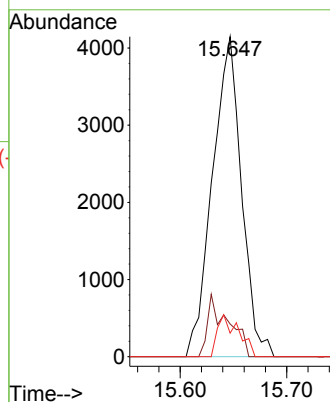
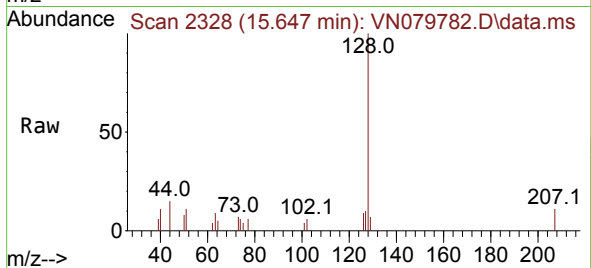
Tgt Ion:128 Resp: 7857

Ion Ratio Lower Upper

128 100

127 13.9 10.0 15.0

129 9.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.183 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079782.D

Acq: 01 Nov 2023 19:30

Tgt Ion:180 Resp: 3064

Ion Ratio Lower Upper

180 100

182 87.1 46.2 138.6

145 35.5 17.5 52.6

