

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078482.D
 Acq On : 12 Jul 2023 16:00
 Operator : JC\MD
 Sample : 03572-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Quant Time: Jul 13 04:34:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 13 04:30:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	400368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	699507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	589866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	171884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	282072	52.553	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.100%	
35) Dibromofluoromethane	8.177	113	244666	51.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.060%	
50) Toluene-d8	10.571	98	857534	47.805	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.600%	
62) 4-Bromofluorobenzene	12.859	95	243796	44.123	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	5670	1.155	ug/l	91
3) Chloromethane	2.371	50	6560	1.230	ug/l	92
4) Vinyl Chloride	2.518	62	8401	1.217	ug/l	100
5) Bromomethane	2.959	94	7232	1.467	ug/l	97
6) Chloroethane	3.112	64	2482	0.532	ug/l #	76
7) Trichlorofluoromethane	3.506	101	9217	1.117	ug/l	93
8) Diethyl Ether	3.971	74	2984	1.086	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.389	101	5262	1.205	ug/l	88
10) Methyl Iodide	4.589	142	6611	1.102	ug/l #	87
11) Tert butyl alcohol	5.553	59	5925	7.159	ug/l #	78
12) 1,1-Dichloroethene	4.342	96	2630	0.623	ug/l #	61
13) Acrolein	4.195	56	3606	4.428	ug/l	90
14) Allyl chloride	5.018	41	6148	1.065	ug/l #	63
15) Acrylonitrile	5.747	53	10979	5.250	ug/l #	35
16) Acetone	4.459	43	11467	6.859	ug/l	99
17) Carbon Disulfide	4.718	76	12982	1.063	ug/l #	89
18) Methyl Acetate	5.048	43	8353	1.180	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	13640	0.980	ug/l	92
20) Methylene Chloride	5.295	84	8186	1.517	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	3009	0.632	ug/l #	67
22) Diisopropyl ether	6.683	45	12252	0.948	ug/l #	86
23) Vinyl Acetate	6.618	43	46567	5.667	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	9810	1.126	ug/l #	85
25) 2-Butanone	7.506	43	13993	5.317	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	7615	1.069	ug/l	90
27) cis-1,2-Dichloroethene	7.489	96	5831	1.059	ug/l	77
28) Bromochloromethane	7.818	49	3891	0.948	ug/l #	90
29) Tetrahydrofuran	7.865	42	8477	4.909	ug/l	87
30) Chloroform	7.971	83	10704	1.180	ug/l	83
31) Cyclohexane	8.236	56	16315	2.249	ug/l #	38
32) 1,1,1-Trichloroethane	8.171	97	9308	1.145	ug/l #	49
36) 1,1-Dichloropropene	8.383	75	7239	1.056	ug/l	96
37) Ethyl Acetate	7.583	43	4608	0.806	ug/l #	92
38) Carbon Tetrachloride	8.371	117	8214	1.102	ug/l #	75
39) Methylcyclohexane	9.606	83	7168	1.145	ug/l #	82
40) Benzene	8.612	78	21870	1.077	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	2978	1.022	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	8461	1.225	ug/l	90
43) Isopropyl Acetate	8.694	43	9923	1.055	ug/l #	83
44) Trichloroethene	9.371	130	6936	1.267	ug/l	76
45) 1,2-Dichloropropane	9.635	63	5572	1.083	ug/l #	76
46) Dibromomethane	9.712	93	3476	0.960	ug/l #	82
47) Bromodichloromethane	9.894	83	8235	1.135	ug/l #	67
48) Methyl methacrylate	9.694	41	4959	1.138	ug/l #	73
49) 1,4-Dioxane	9.700	88	1774	18.659	ug/l #	68
51) 4-Methyl-2-Pentanone	10.453	43	28396	5.073	ug/l	87
52) Toluene	10.635	92	13231	1.051	ug/l	89
53) t-1,3-Dichloropropene	10.841	75	7843	1.055	ug/l	91
54) cis-1,3-Dichloropropene	10.318	75	8790	1.109	ug/l #	89
55) 1,1,2-Trichloroethane	11.024	97	5721	1.153	ug/l #	84
56) Ethyl methacrylate	10.882	69	6433	0.928	ug/l #	82
57) 1,3-Dichloropropane	11.171	76	9273	1.100	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	10918	4.419	ug/l	93
59) 2-Hexanone	11.206	43	19738	4.962	ug/l	82
60) Dibromochloromethane	11.365	129	5665	1.035	ug/l	91
61) 1,2-Dibromoethane	11.477	107	5024	0.983	ug/l	87
64) Tetrachloroethene	11.118	164	4888	1.102	ug/l	83
65) Chlorobenzene	11.894	112	14220	1.079	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	4894	0.965	ug/l #	51
67) Ethyl Benzene	11.971	91	21827	0.979	ug/l	95
68) m/p-Xylenes	12.071	106	16034	1.946	ug/l	94
69) o-Xylene	12.406	106	6783	0.815	ug/l	81
70) Styrene	12.418	104	10489	0.806	ug/l	92
71) Bromoform	12.588	173	3582	1.043	ug/l #	94
73) Isopropylbenzene	12.700	105	18060	1.118	ug/l	98
74) N-amyl acetate	12.500	43	6196	1.113	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.947	83	7599	1.393	ug/l	95
76) 1,2,3-Trichloropropane	13.006	75	8700	2.094	ug/l	66
77) Bromobenzene	12.982	156	5139	1.295	ug/l	95
78) n-propylbenzene	13.047	91	19937	1.154	ug/l	99
79) 2-Chlorotoluene	13.135	91	12759	1.128	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	14377	1.127	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.859	75	128518	81.288	ug/l #	15
82) 4-Chlorotoluene	13.223	91	11885	1.126	ug/l	95
83) tert-Butylbenzene	13.447	119	12092	1.116	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	11518	0.929	ug/l	90
85) sec-Butylbenzene	13.623	105	14946	1.091	ug/l	98
86) p-Isopropyltoluene	13.735	119	11502	1.046	ug/l	91
87) 1,3-Dichlorobenzene	13.741	146	6984	1.126	ug/l	85
88) 1,4-Dichlorobenzene	13.741	146	6984	1.118	ug/l	87
89) n-Butylbenzene	14.059	91	6865	0.873	ug/l	88
90) Hexachloroethane	14.347	117	2862	1.232	ug/l	72
91) 1,2-Dichlorobenzene	14.112	146	6796	1.101	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1197	1.331	ug/l #	52
93) 1,2,4-Trichlorobenzene	15.400	180	1351	0.686	ug/l #	81
94) Hexachlorobutadiene	15.500	225	1485	1.152	ug/l	84
95) Naphthalene	15.647	128	5282	0.785	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.853	180	2314	1.022	ug/l	82

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ClientSampleId :
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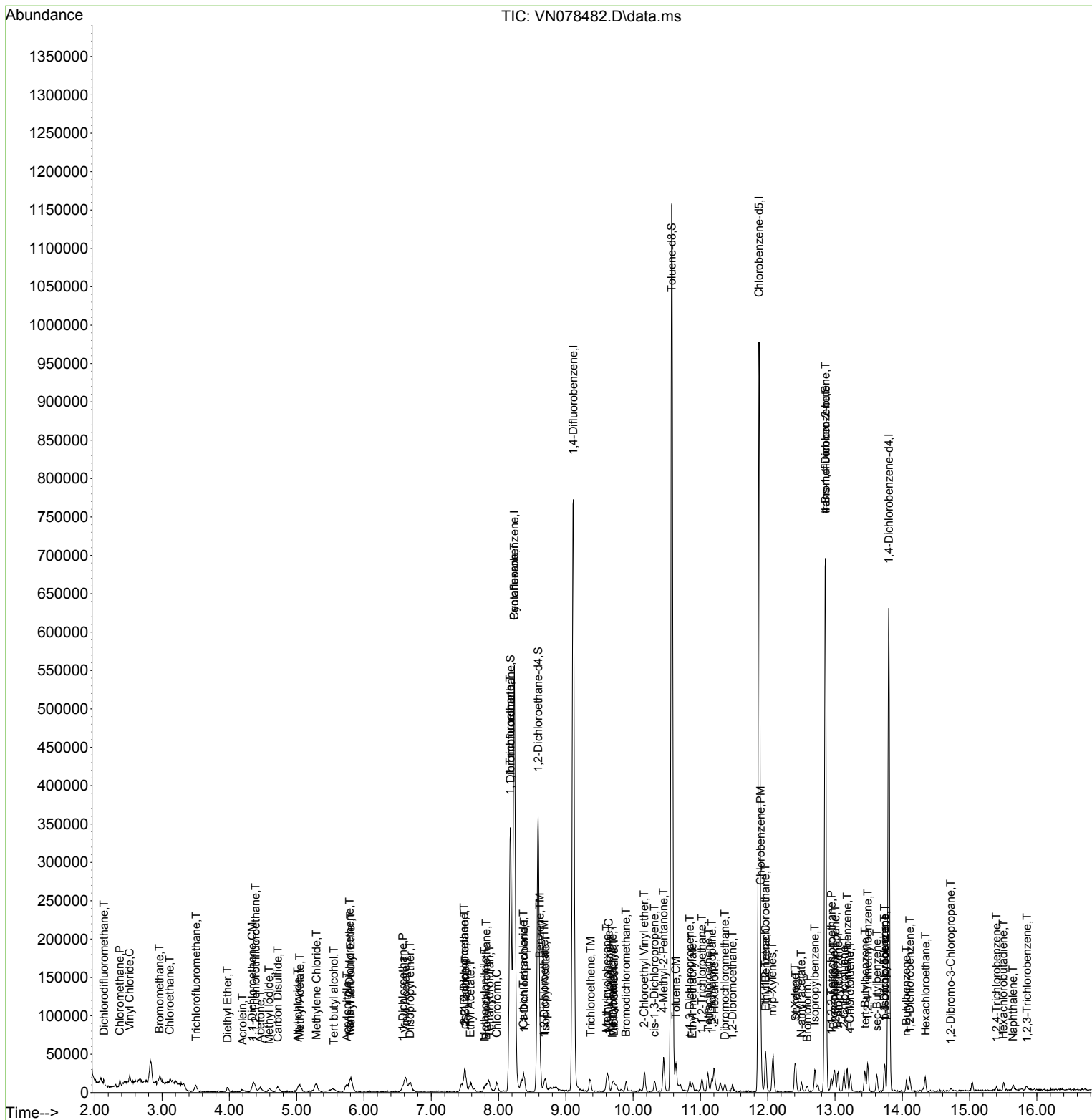
Quant Time: Jul 13 04:34:55 2023
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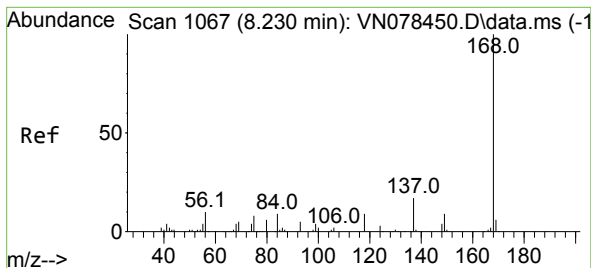
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

Quant Time: Jul 13 04:34:55 2023
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VN078482.D

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Instrument :

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ClientSampleId :

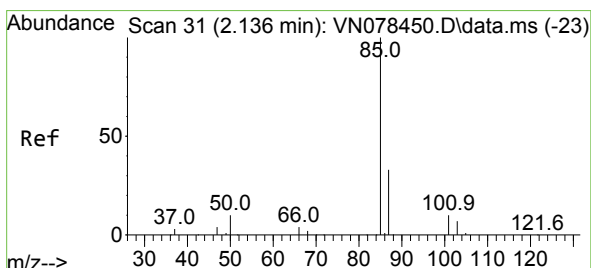
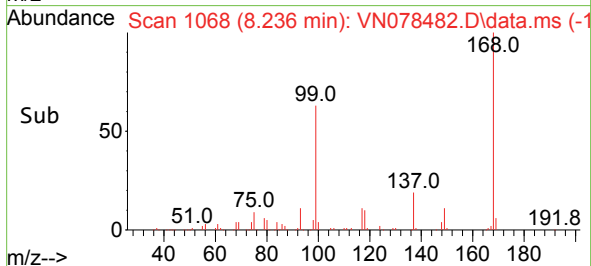
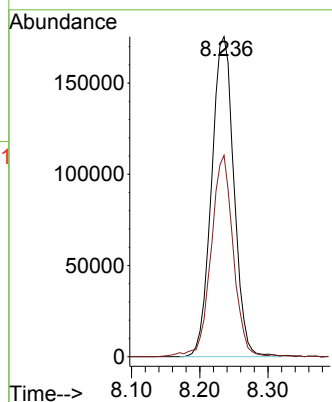
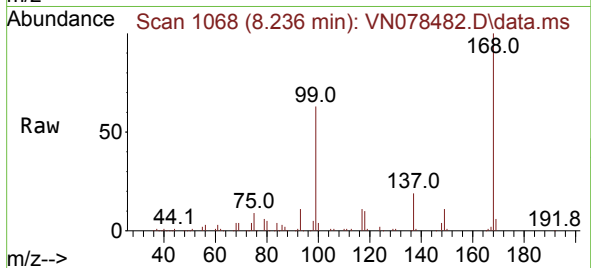
LOQ-WATER-02-QT3-2023

Tgt Ion:168 Resp: 400368

Ion Ratio Lower Upper

168 100

99 62.7 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 1.155 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078482.D

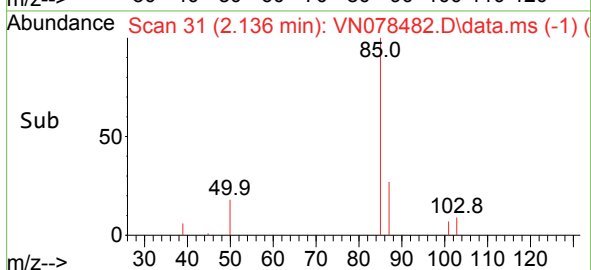
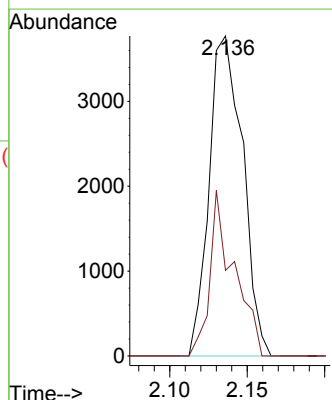
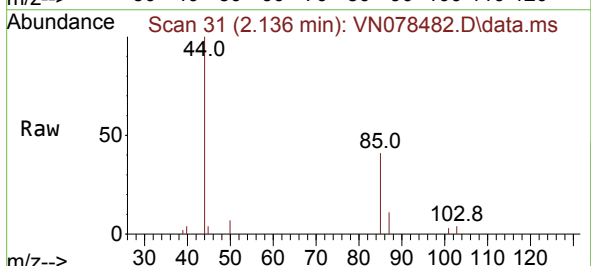
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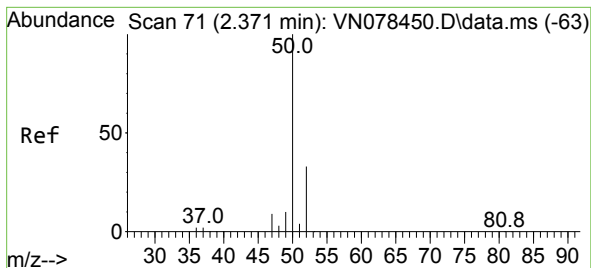
Tgt Ion: 85 Resp: 5670

Ion Ratio Lower Upper

85 100

87 26.7 15.8 47.4





#3

Chloromethane

Concen: 1.230 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

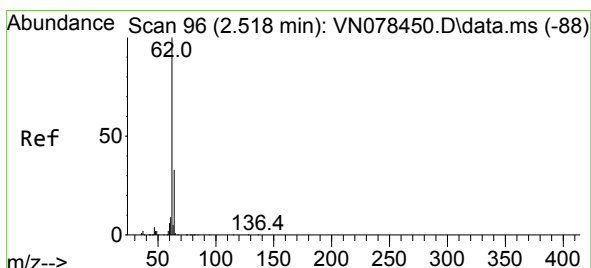
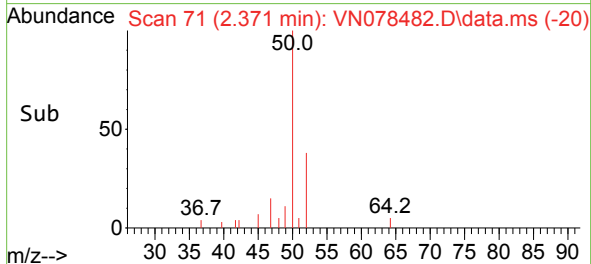
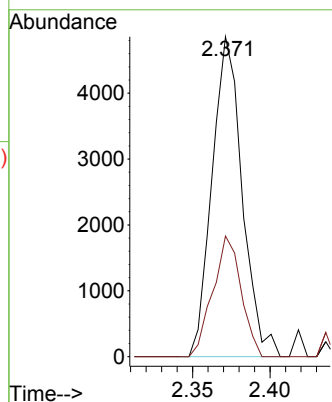
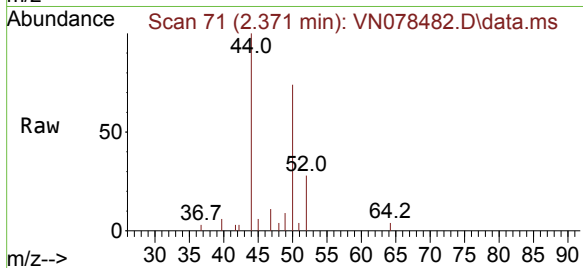
LOQ-WATER-02-QT3-2023

Tgt Ion: 50 Resp: 6560

Ion Ratio Lower Upper

50 100

52 37.7 26.5 39.7



#4

Vinyl Chloride

Concen: 1.217 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078482.D

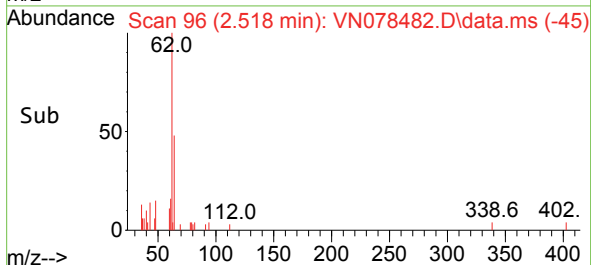
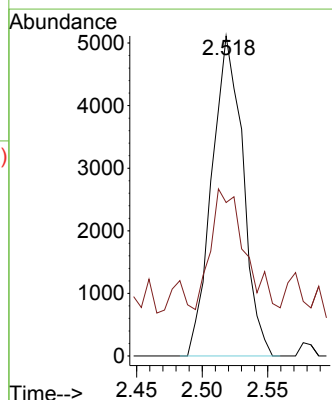
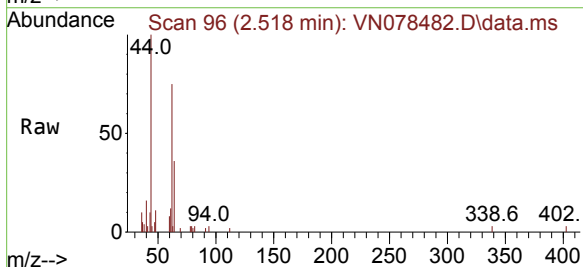
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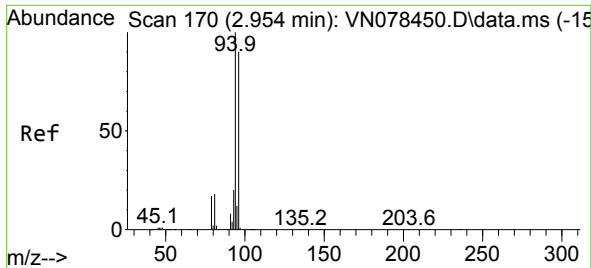
Tgt Ion: 62 Resp: 8401

Ion Ratio Lower Upper

62 100

64 32.9 26.2 39.2

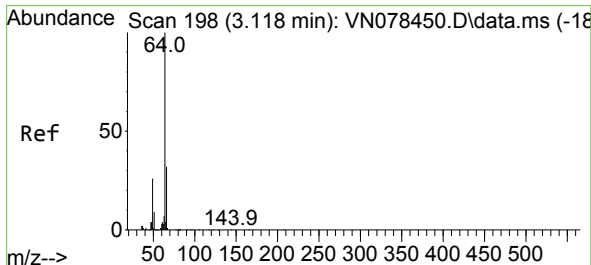
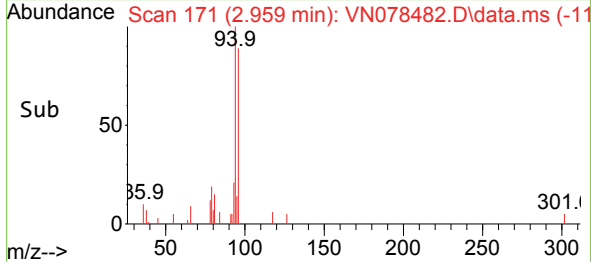
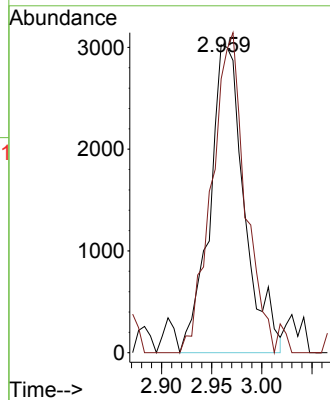
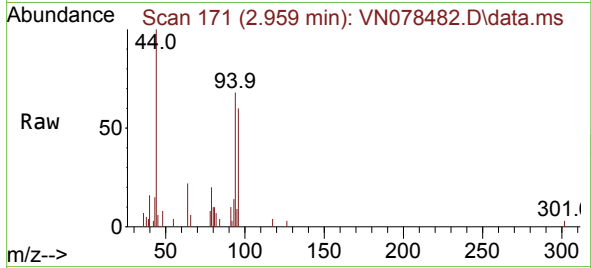




#5
Bromomethane
Concen: 1.467 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

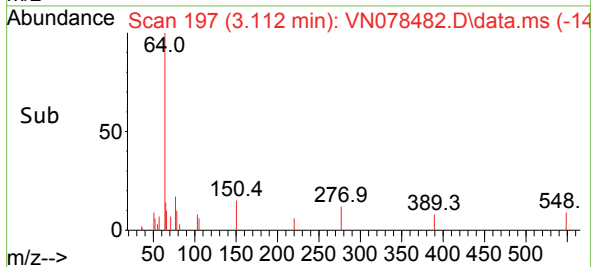
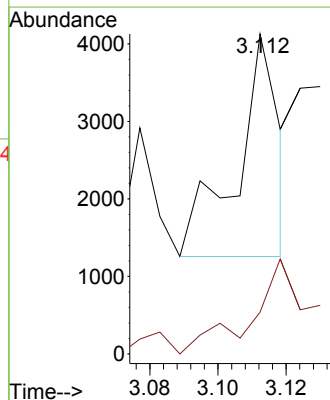
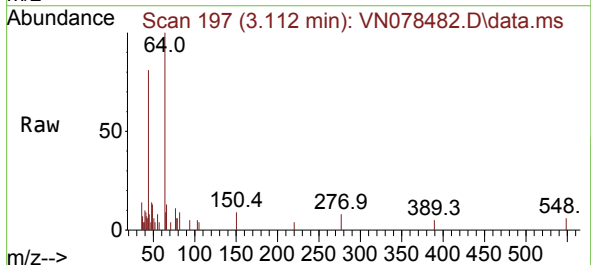
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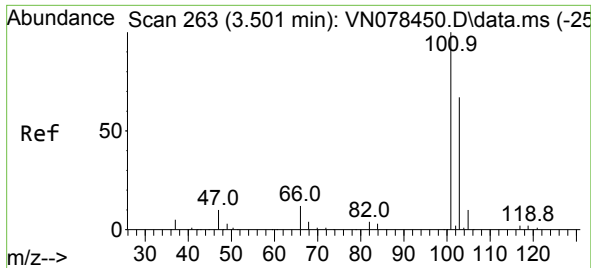
Tgt Ion: 94 Resp: 7232
Ion Ratio Lower Upper
94 100
96 88.9 73.1 109.7



#6
Chloroethane
Concen: 0.532 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 64 Resp: 2482
Ion Ratio Lower Upper
64 100
66 18.7 25.4 38.2#

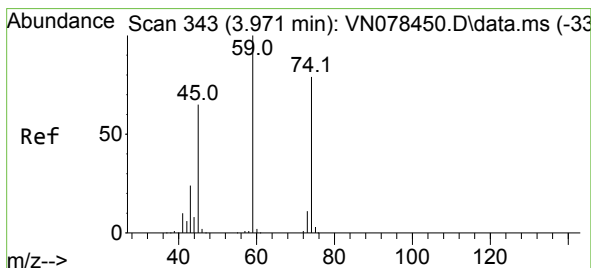
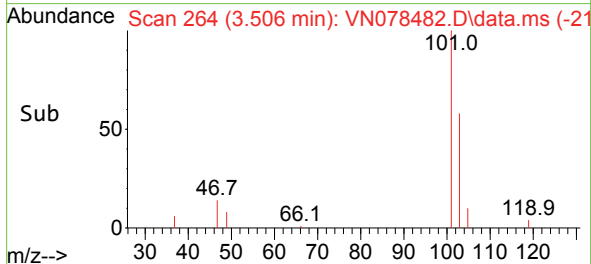
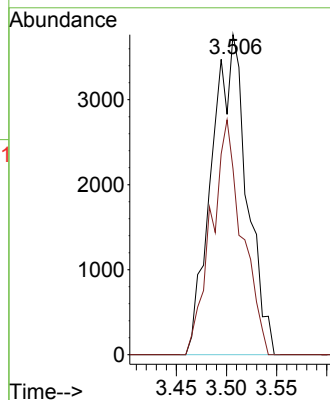
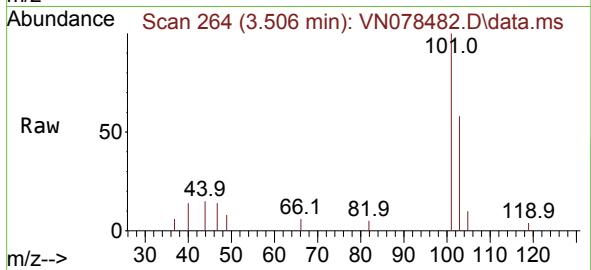




#7
Trichlorofluoromethane
Concen: 1.117 ug/l
RT: 3.506 min Scan# 201
Delta R.T. 0.005 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

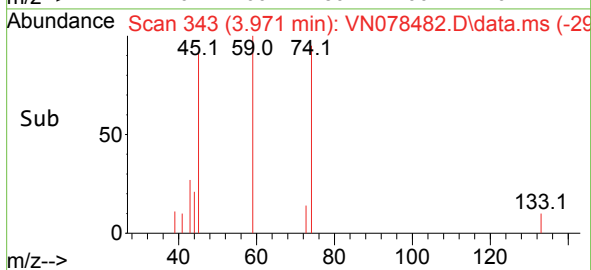
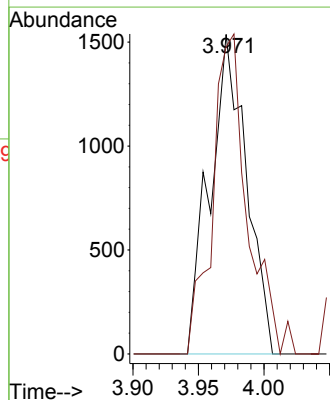
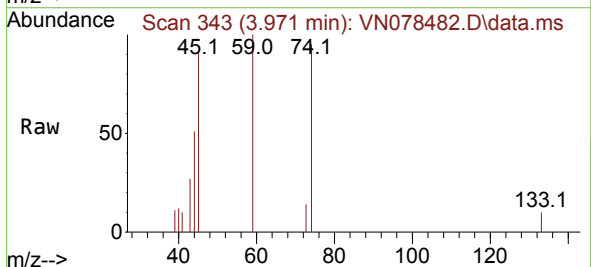
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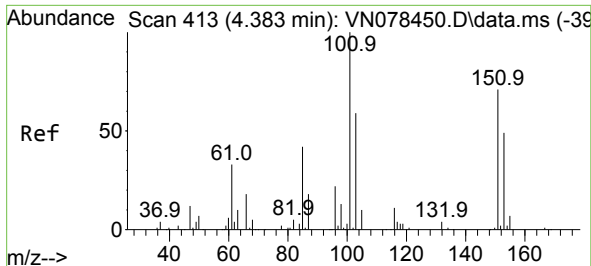
Tgt Ion:101 Resp: 9217
Ion Ratio Lower Upper
101 100
103 58.1 50.7 76.1



#8
Diethyl Ether
Concen: 1.086 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 74 Resp: 2984
Ion Ratio Lower Upper
74 100
45 95.6 34.4 103.3

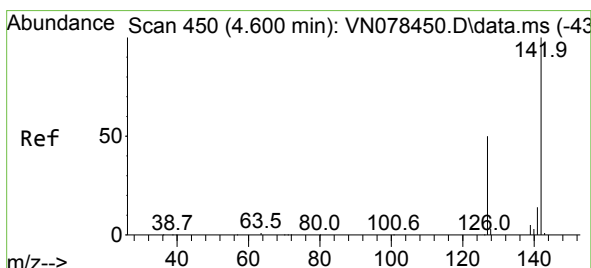
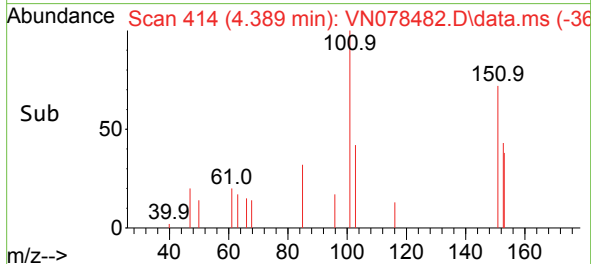
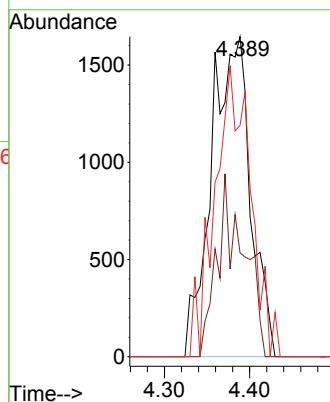
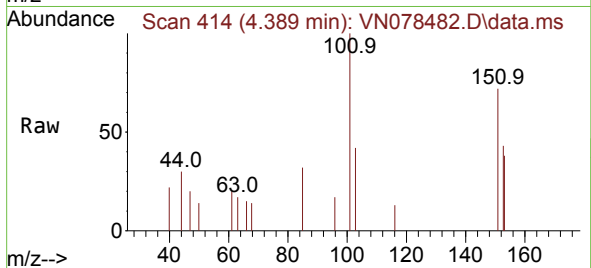




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.205 ug/l
RT: 4.389 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

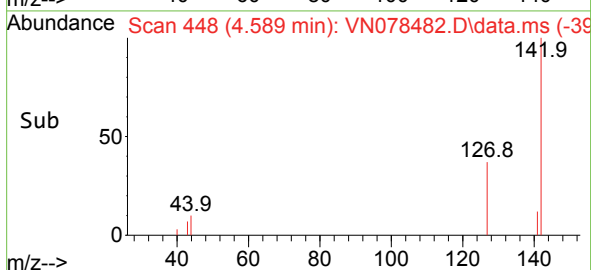
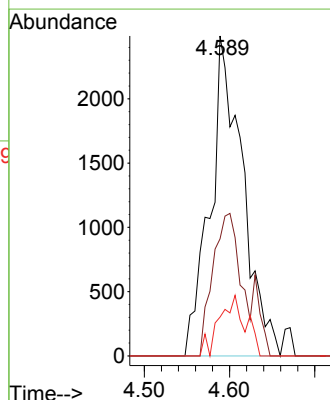
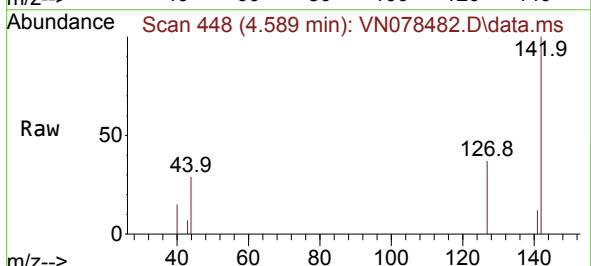
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

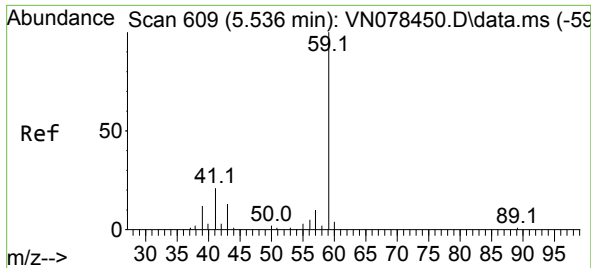
Tgt Ion:101 Resp: 5262
Ion Ratio Lower Upper
101 100
85 38.8 36.6 55.0
151 82.9 57.6 86.4



#10
Methyl Iodide
Concen: 1.102 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion:142 Resp: 6611
Ion Ratio Lower Upper
142 100
127 36.6 37.6 56.4#
141 12.1 11.4 17.0

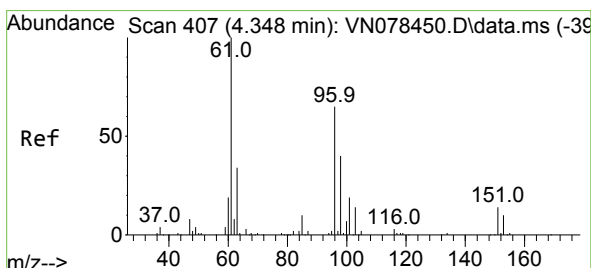
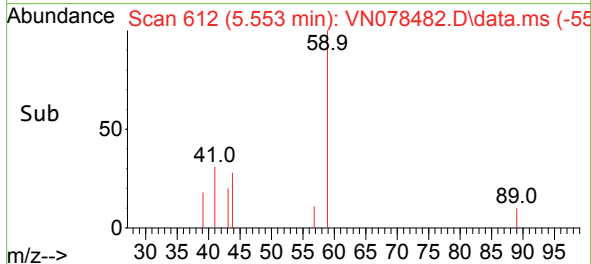
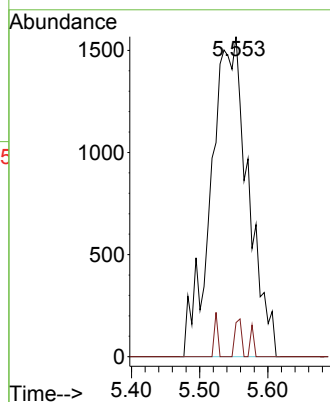
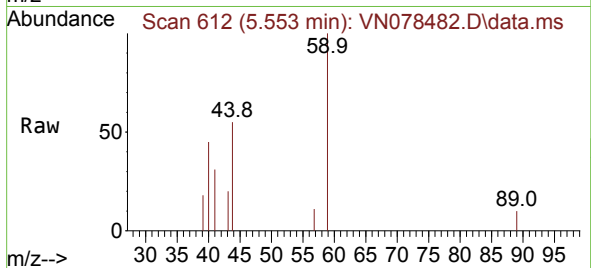




#11
Tert butyl alcohol
Concen: 7.159 ug/l
RT: 5.553 min Scan# 611
Delta R.T. 0.017 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

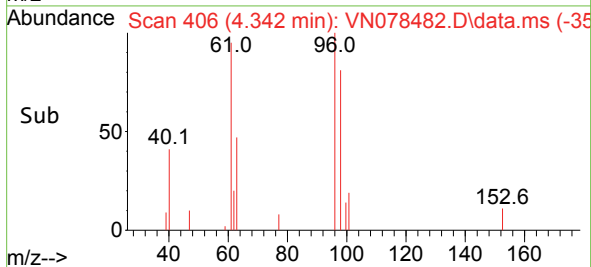
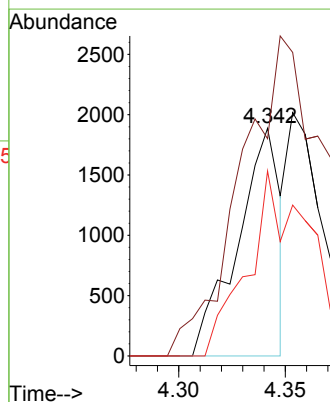
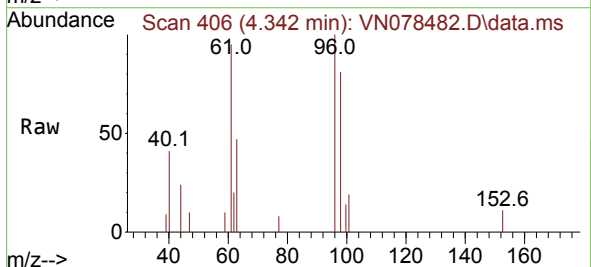
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

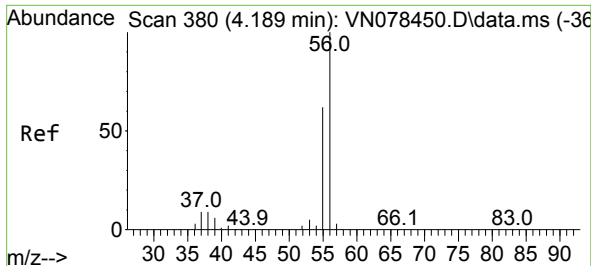
Tgt Ion: 59 Resp: 5925
Ion Ratio Lower Upper
59 100
57 2.1 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.623 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 96 Resp: 2630
Ion Ratio Lower Upper
96 100
61 83.4 112.7 169.1#
98 81.2 51.2 76.8#





#13

Acrolein

Concen: 4.428 ug/l

RT: 4.195 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

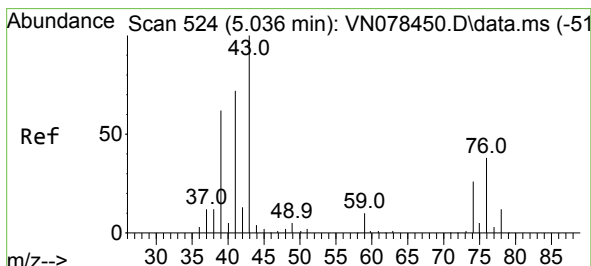
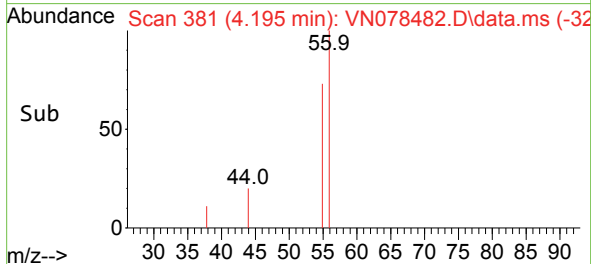
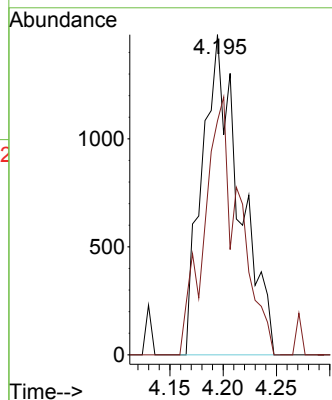
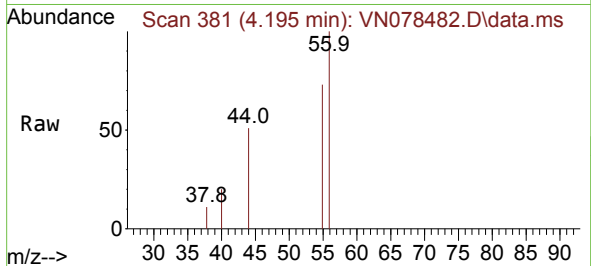
LOQ-WATER-02-QT3-2023

Tgt Ion: 56 Resp: 3606

Ion Ratio Lower Upper

56 100

55 75.9 54.5 81.7



#14

Allyl chloride

Concen: 1.065 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.018 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

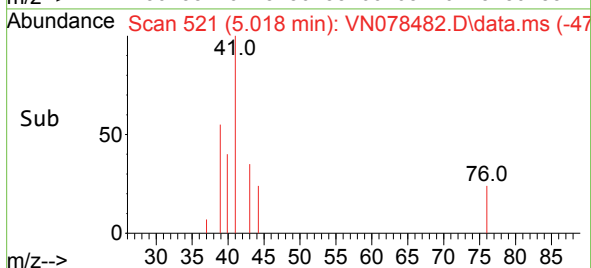
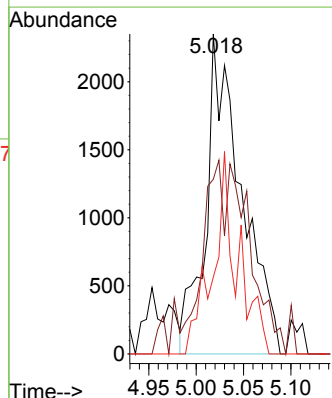
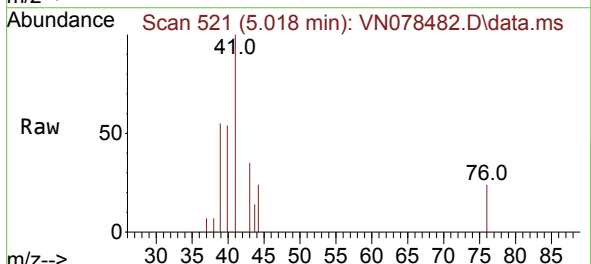
Tgt Ion: 41 Resp: 6148

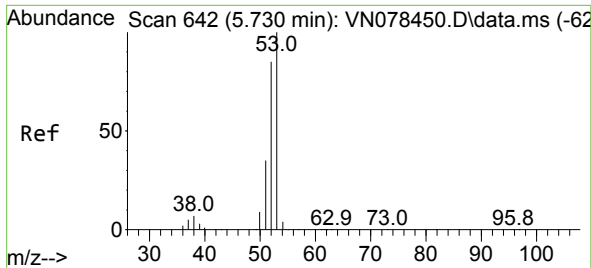
Ion Ratio Lower Upper

41 100

39 25.7 58.8 88.2#

76 43.9 39.1 58.7

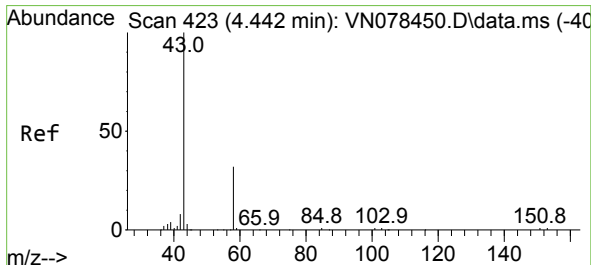
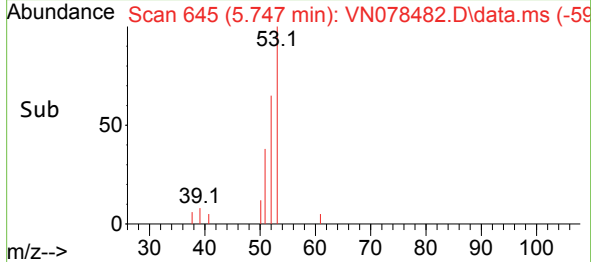
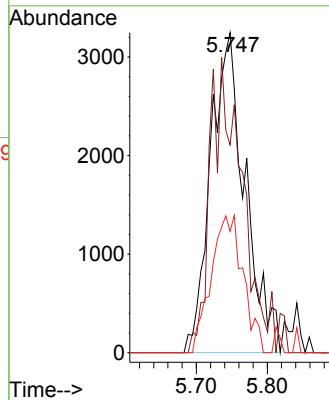
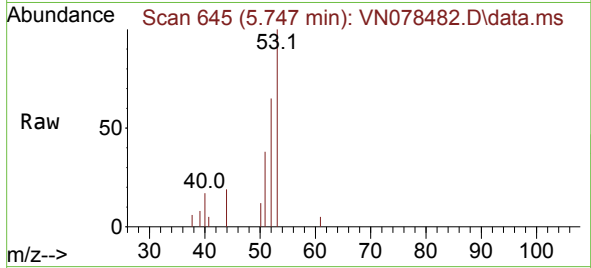




#15
Acrylonitrile
Concen: 5.250 ug/l
RT: 5.747 min Scan# 642
Delta R.T. 0.017 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

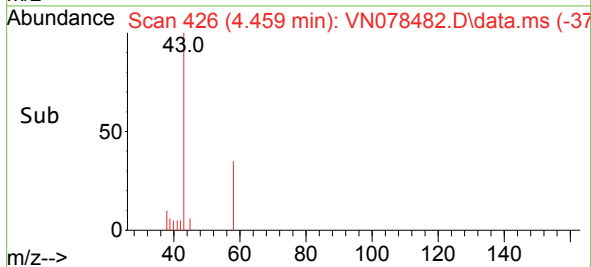
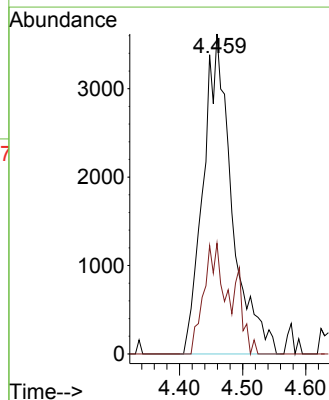
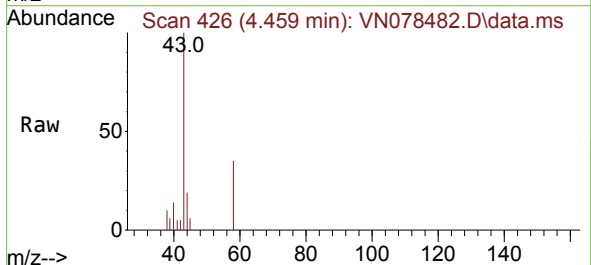
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

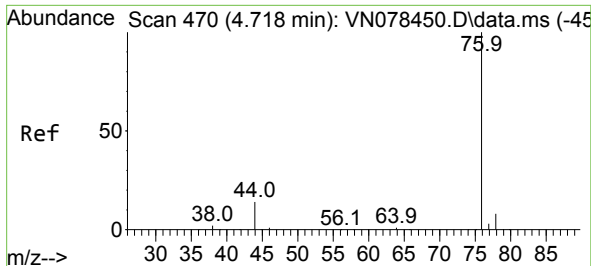
Tgt Ion: 53 Resp: 10979
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 39.7 28.9 43.3



#16
Acetone
Concen: 6.859 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 43 Resp: 11467
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0

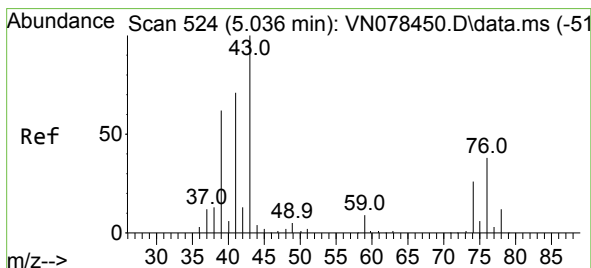
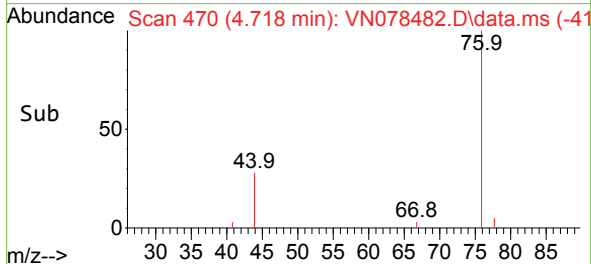
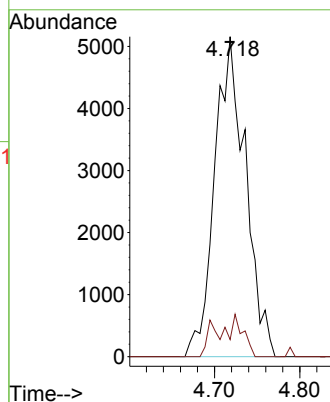
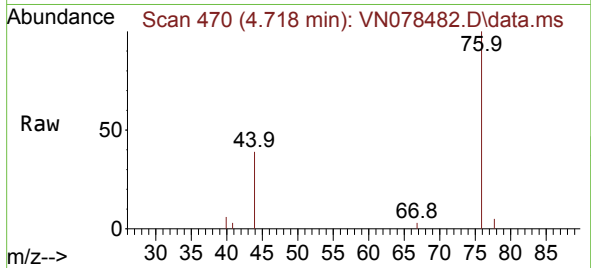




#17
Carbon Disulfide
Concen: 1.063 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

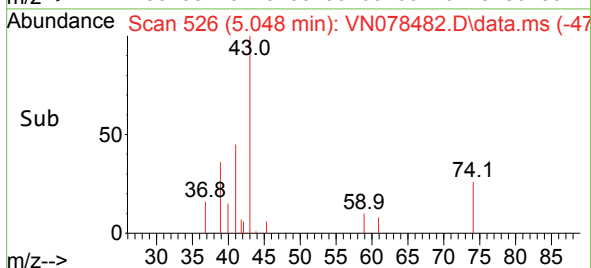
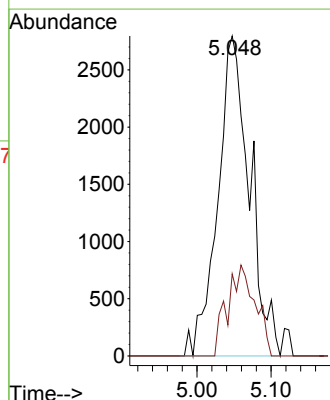
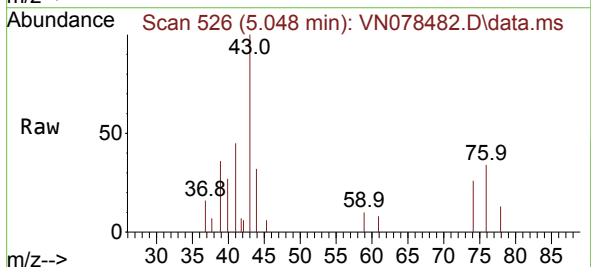
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

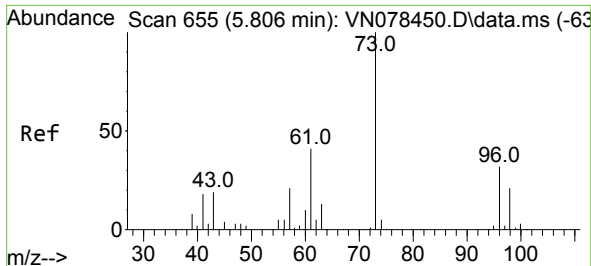
Tgt Ion: 76 Resp: 12982
Ion Ratio Lower Upper
76 100
78 5.4 7.4 11.0#



#18
Methyl Acetate
Concen: 1.180 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 43 Resp: 8353
Ion Ratio Lower Upper
43 100
74 24.8 26.2 39.4#





#19

Methyl tert-butyl Ether

Concen: 0.980 ug/l

RT: 5.800 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

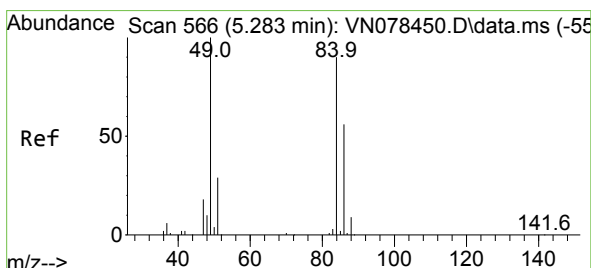
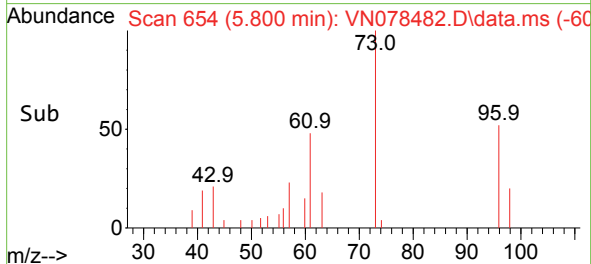
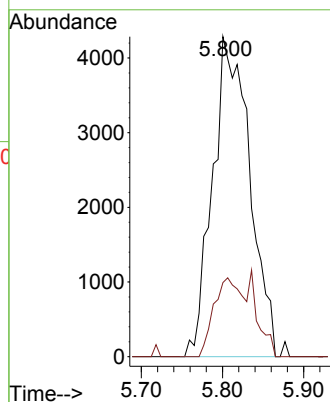
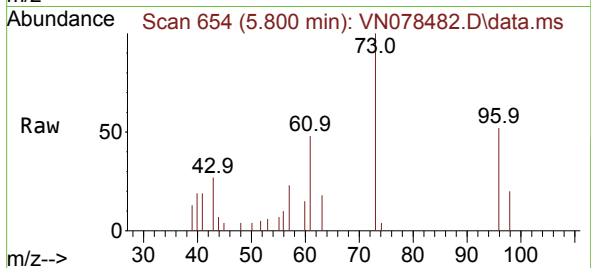
LOQ-WATER-02-QT3-2023

Tgt Ion: 73 Resp: 13640

Ion Ratio Lower Upper

73 100

57 23.1 15.6 23.4



#20

Methylene Chloride

Concen: 1.517 ug/l

RT: 5.295 min Scan# 568

Delta R.T. 0.012 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Tgt Ion: 84 Resp: 8186

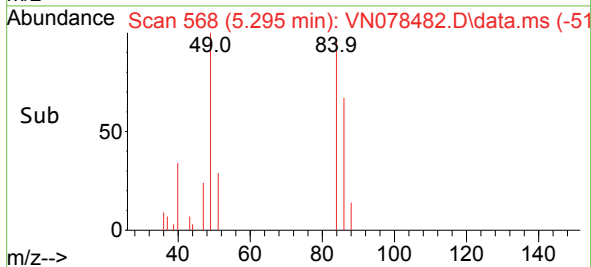
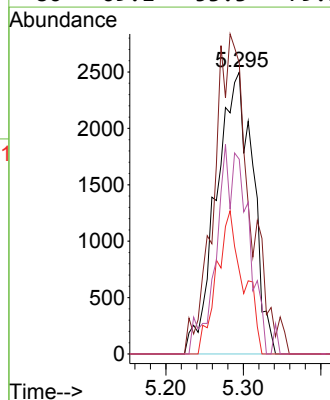
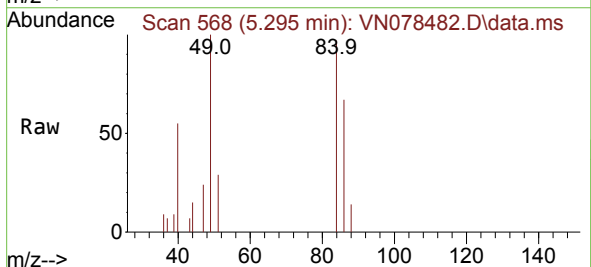
Ion Ratio Lower Upper

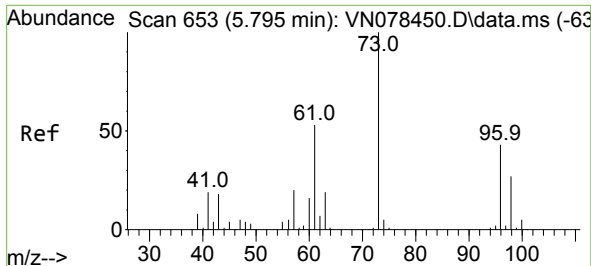
84 100

49 103.4 79.7 119.5

51 29.7 25.2 37.8

86 69.1 53.3 79.9

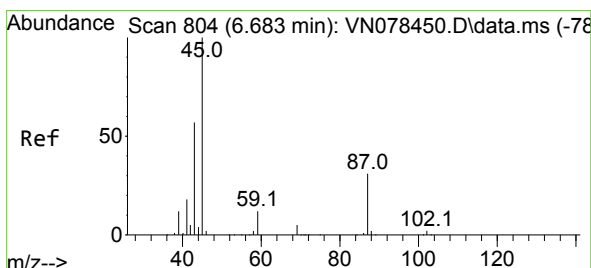
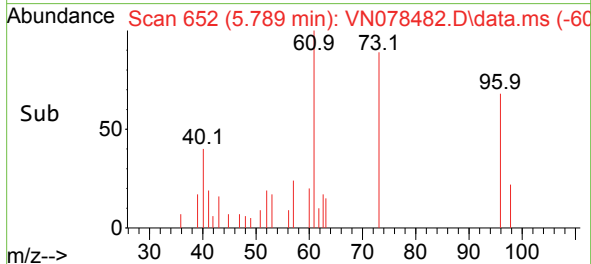
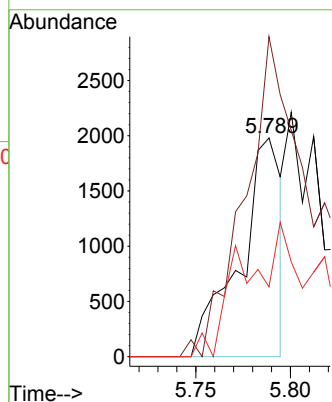
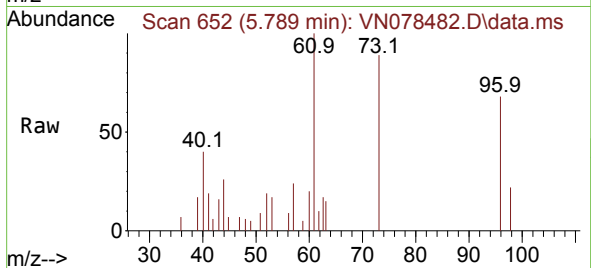




#21
trans-1,2-Dichloroethene
Concen: 0.632 ug/l
RT: 5.789 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

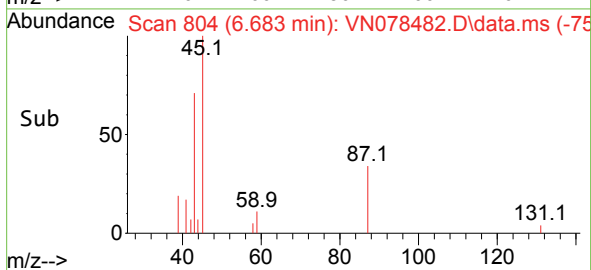
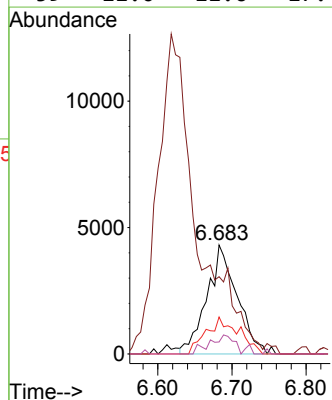
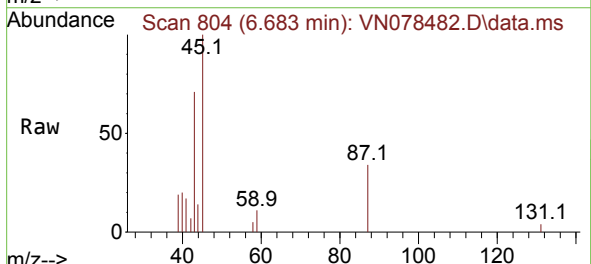
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

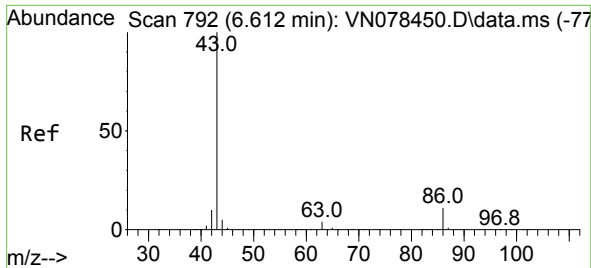
Tgt Ion: 96 Resp: 3009
Ion Ratio Lower Upper
96 100
61 146.3 90.1 135.1#
98 31.9 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.948 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 45 Resp: 12252
Ion Ratio Lower Upper
45 100
43 71.0 45.5 68.3#
87 33.9 31.8 47.8
59 11.0 11.6 17.4#

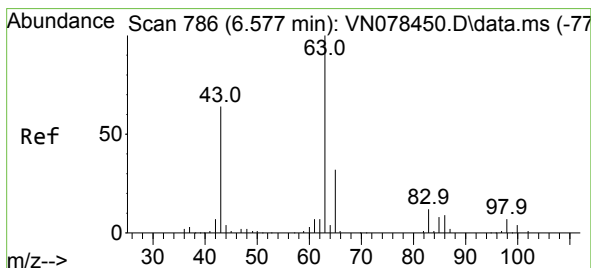
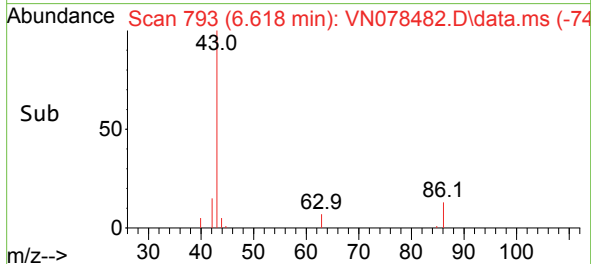
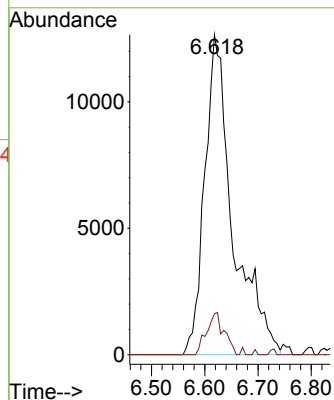
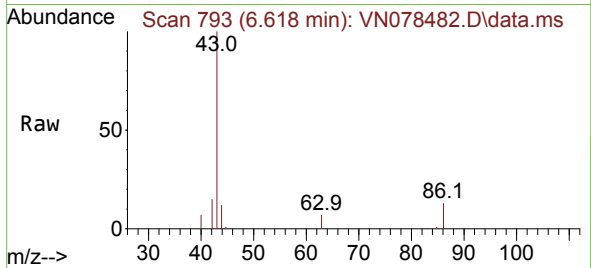




#23
 Vinyl Acetate
 Concen: 5.667 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.006 min
 Lab File: VN078482.D
 Acq: 12 Jul 2023 16:00

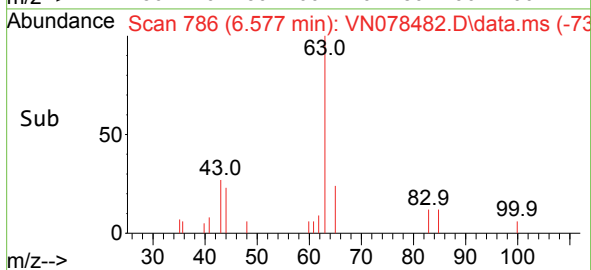
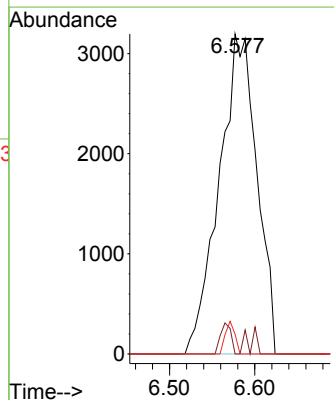
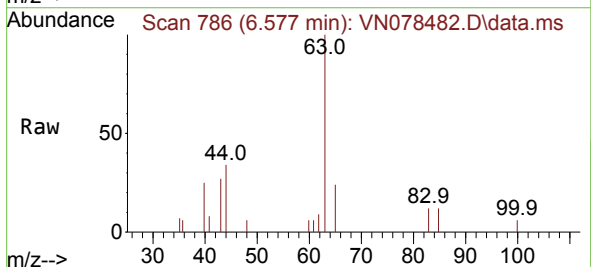
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT3-2023

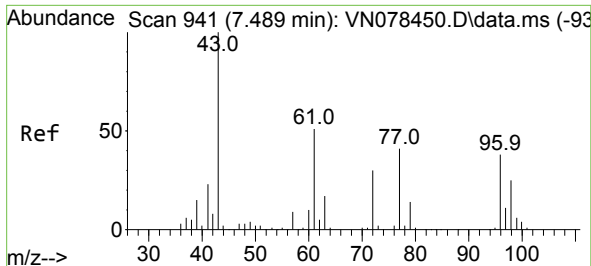
Tgt Ion: 43 Resp: 46567
 Ion Ratio Lower Upper
 43 100
 86 12.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 1.126 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078482.D
 Acq: 12 Jul 2023 16:00

Tgt Ion: 63 Resp: 9810
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 6.1 2.5 7.4

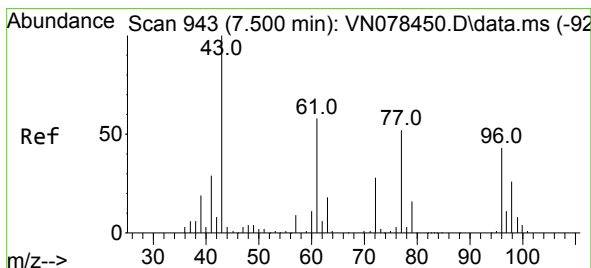
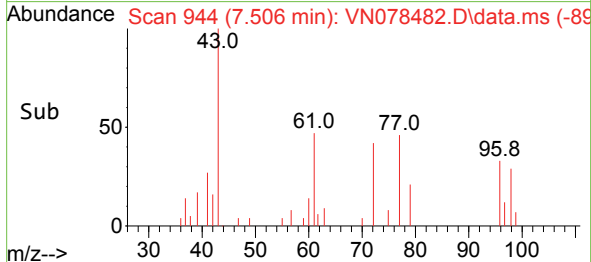
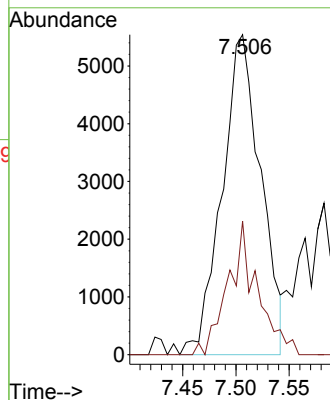
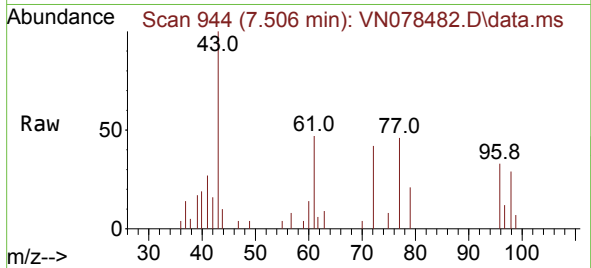




#25
2-Butanone
Concen: 5.317 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.017 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

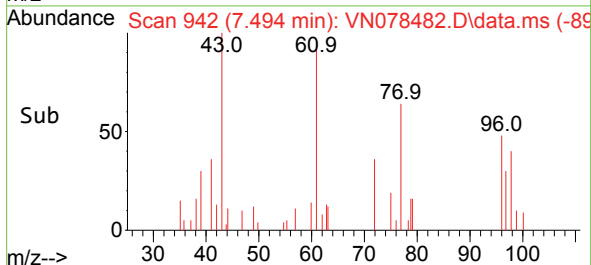
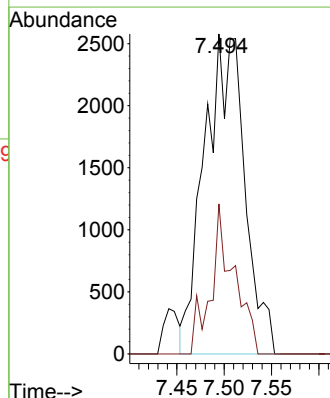
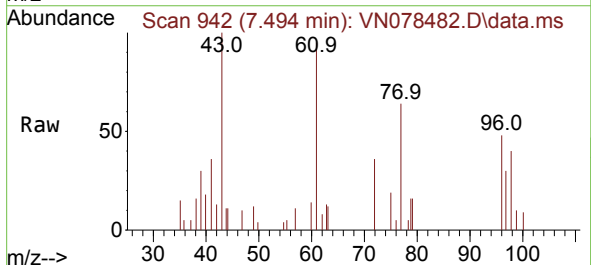
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

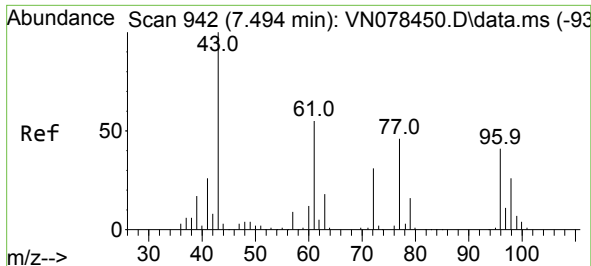
Tgt Ion: 43 Resp: 13993
Ion Ratio Lower Upper
43 100
72 45.3 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 1.069 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 77 Resp: 7615
Ion Ratio Lower Upper
77 100
97 27.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 1.059 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

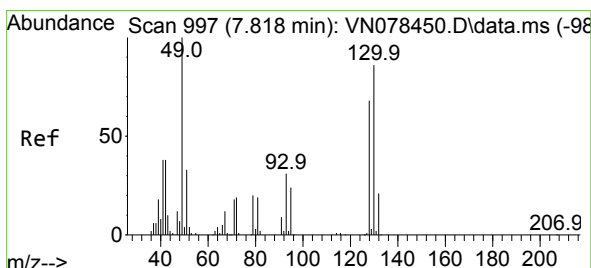
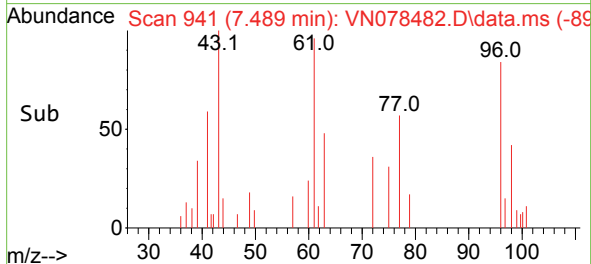
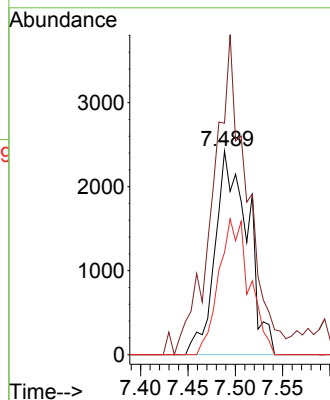
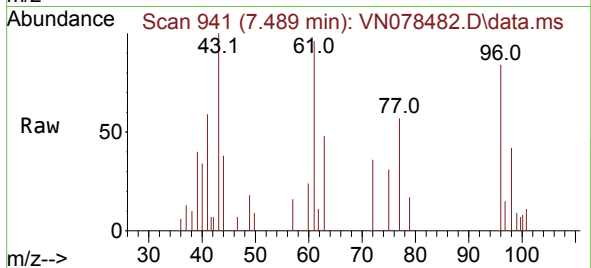
Tgt Ion: 96 Resp: 5831

Ion Ratio Lower Upper

96 100

61 165.8 0.0 255.2

98 62.7 0.0 128.8



#28

Bromochloromethane

Concen: 0.948 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

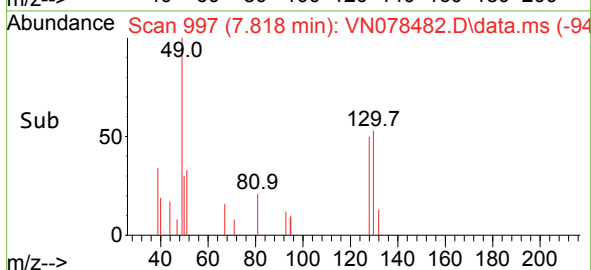
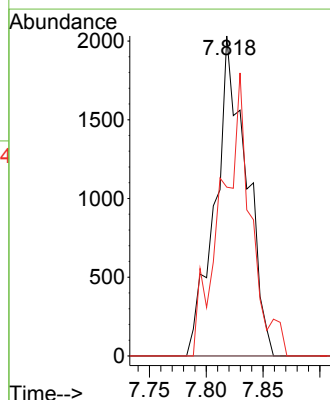
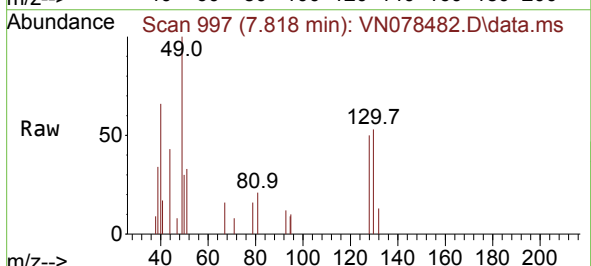
Tgt Ion: 49 Resp: 3891

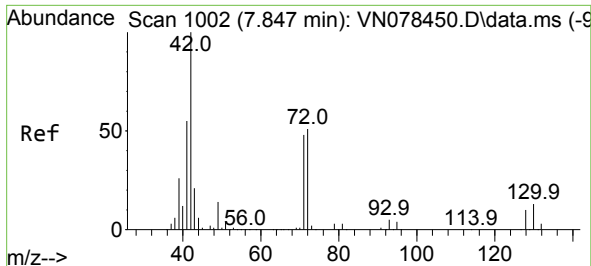
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 84.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 4.909 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.018 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

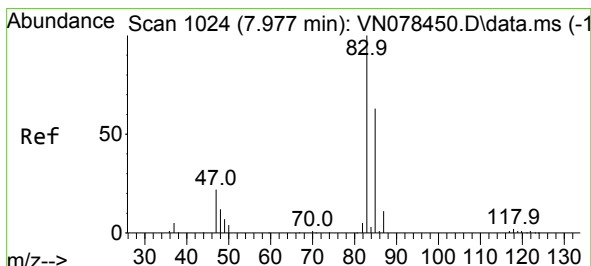
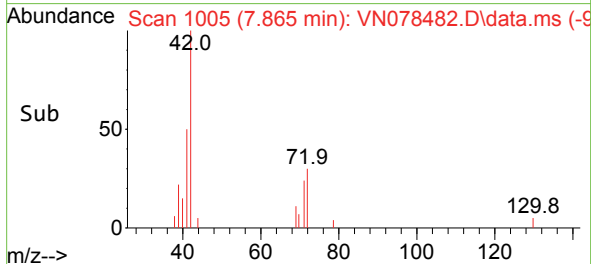
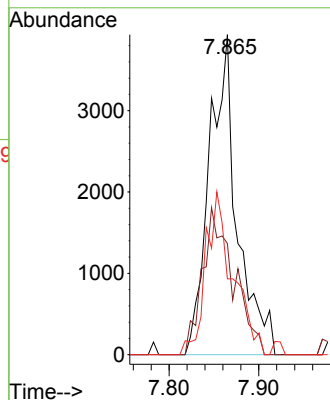
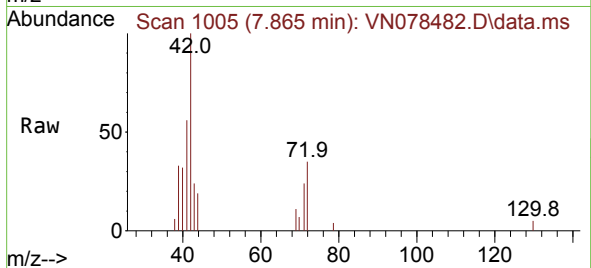
Tgt Ion: 42 Resp: 8477

Ion Ratio Lower Upper

42 100

72 51.4 49.8 74.6

71 49.7 47.4 71.2



#30

Chloroform

Concen: 1.180 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078482.D

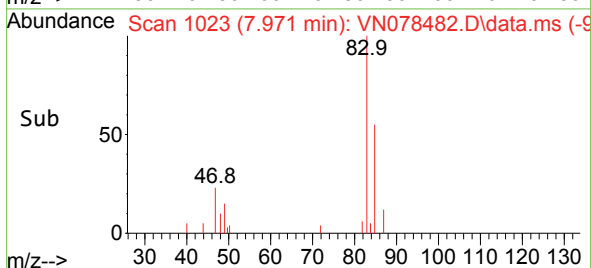
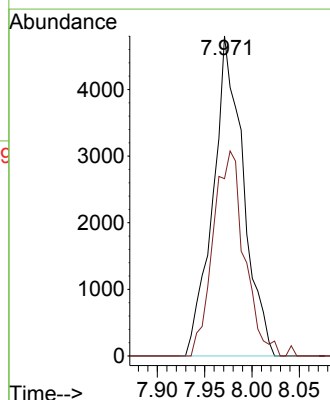
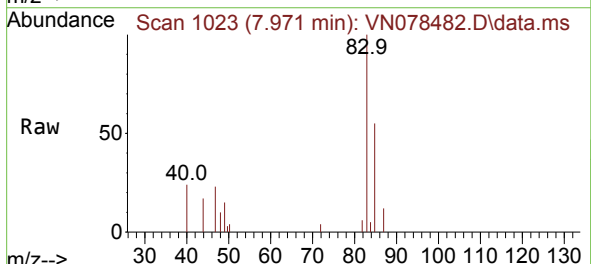
Acq: 12 Jul 2023 16:00

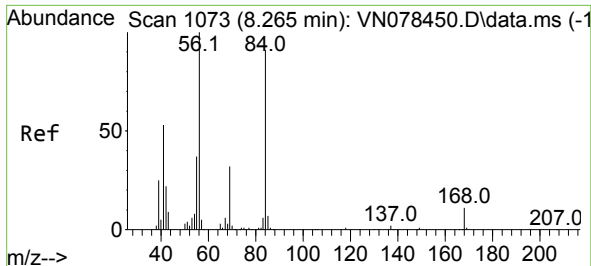
Tgt Ion: 83 Resp: 10704

Ion Ratio Lower Upper

83 100

85 55.4 55.4 83.0

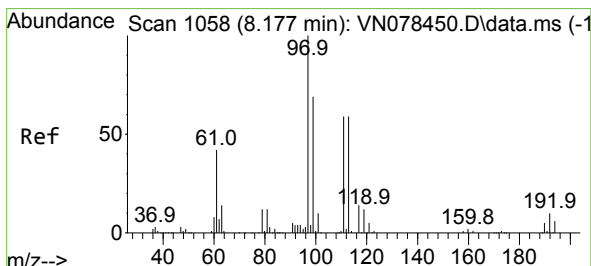
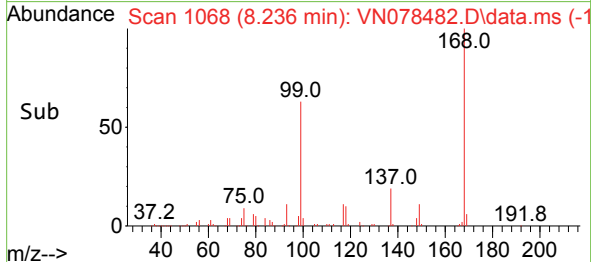
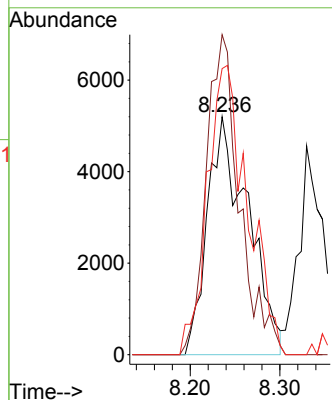
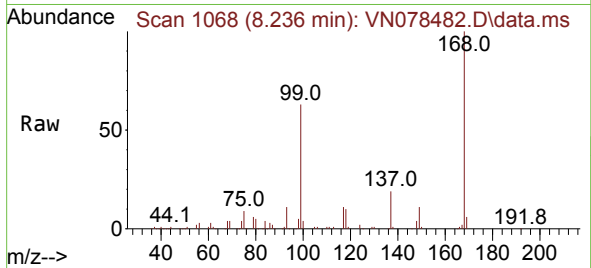




#31
Cyclohexane
Concen: 2.249 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

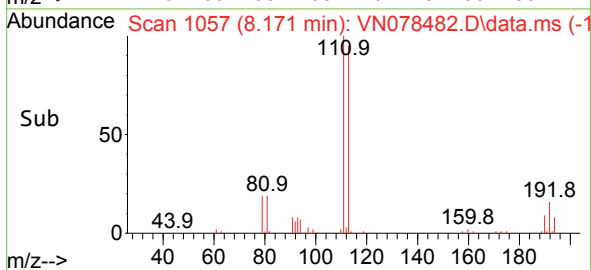
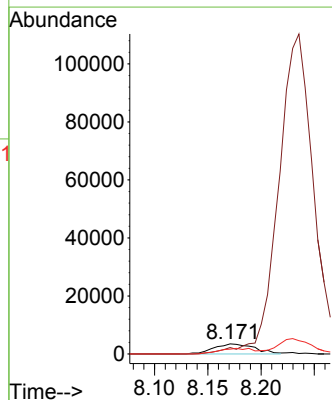
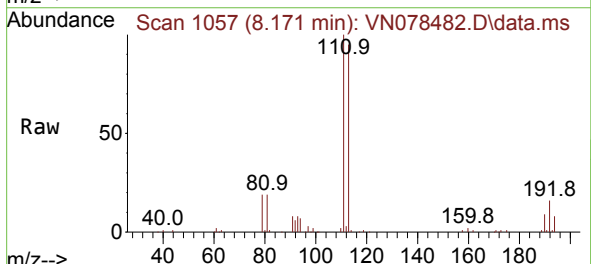
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

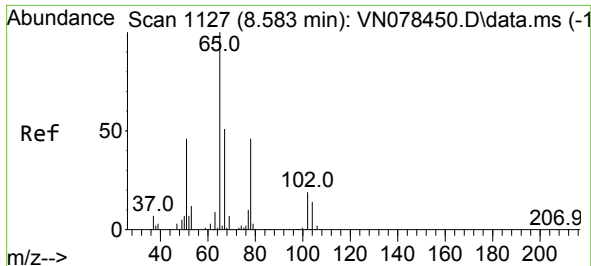
Tgt Ion: 56 Resp: 16315
Ion Ratio Lower Upper
56 100
69 134.5 26.8 40.2#
84 126.3 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 1.145 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 97 Resp: 9308
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 47.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.553 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

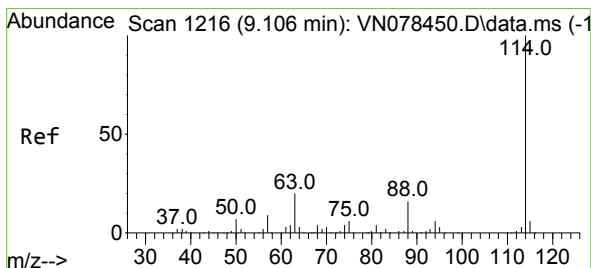
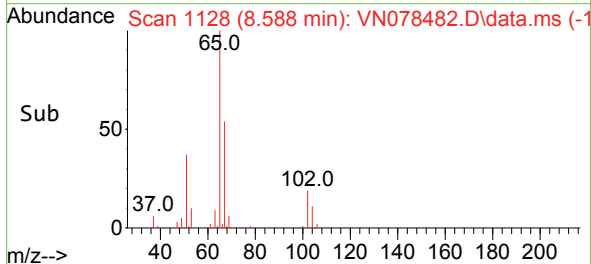
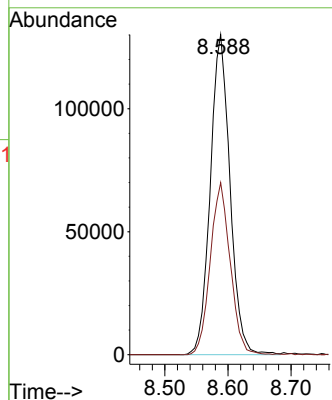
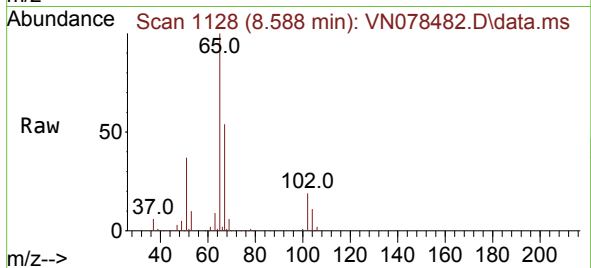
LOQ-WATER-02-QT3-2023

Tgt Ion: 65 Resp: 282072

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

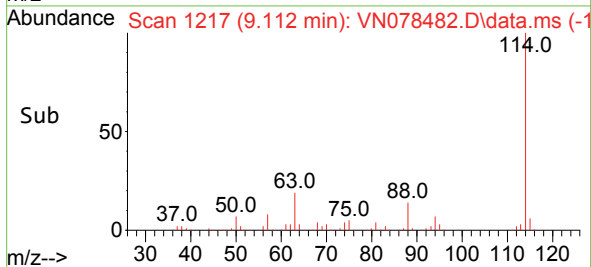
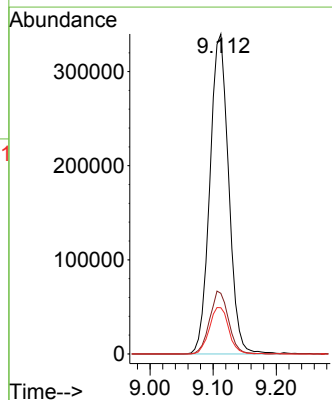
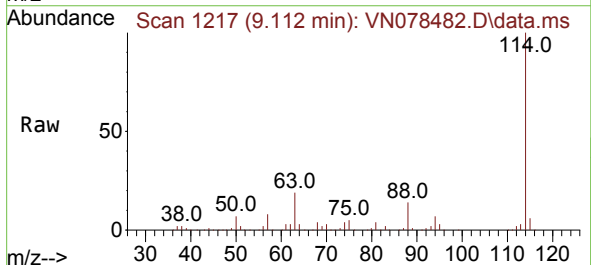
Tgt Ion: 114 Resp: 699507

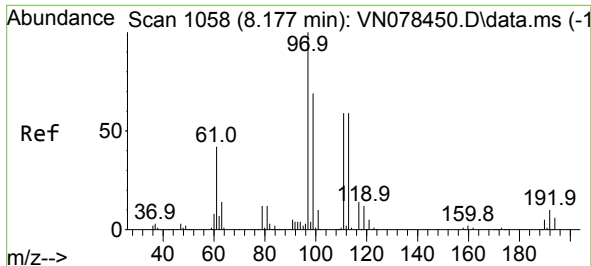
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 14.5 0.0 30.6

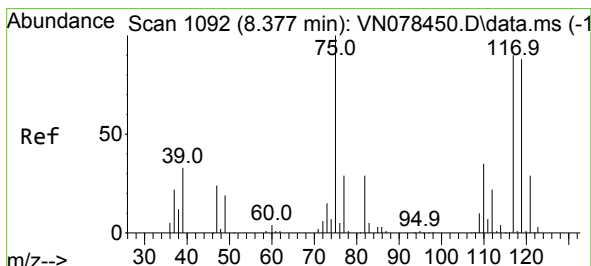
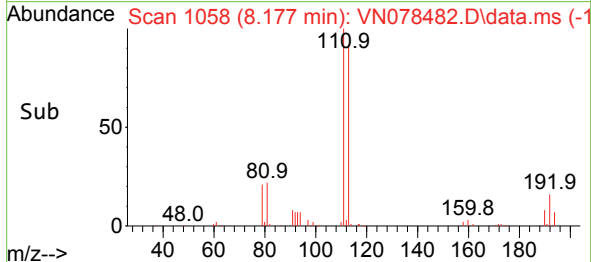
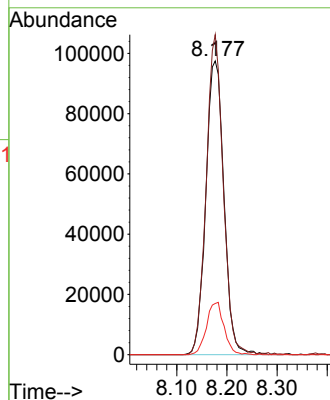
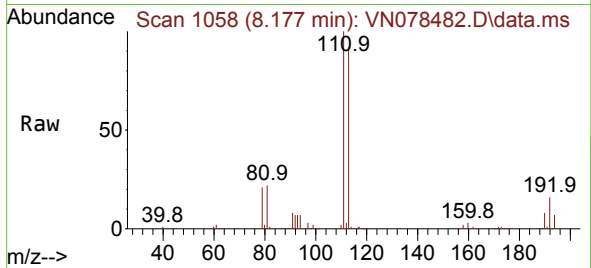




#35
Dibromofluoromethane
Concen: 51.525 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

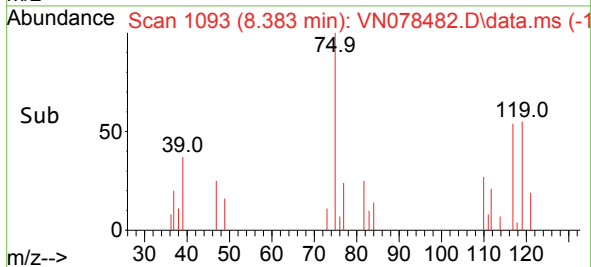
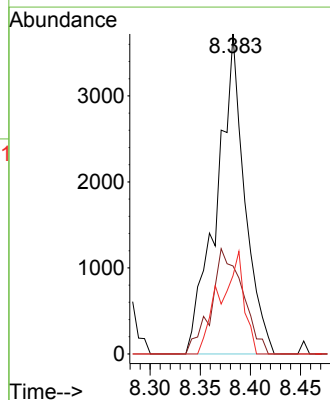
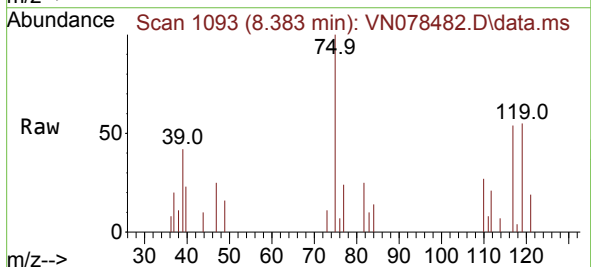
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

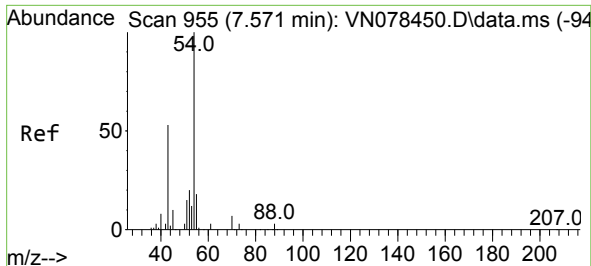
Tgt Ion:113 Resp: 244666
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 17.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 1.056 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 75 Resp: 7239
Ion Ratio Lower Upper
75 100
110 36.7 19.1 57.3
77 27.4 25.0 37.4

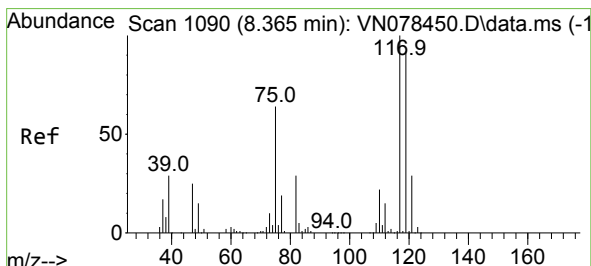
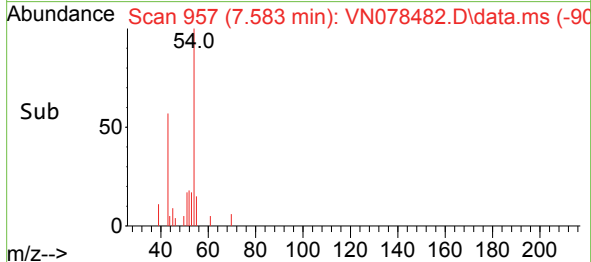
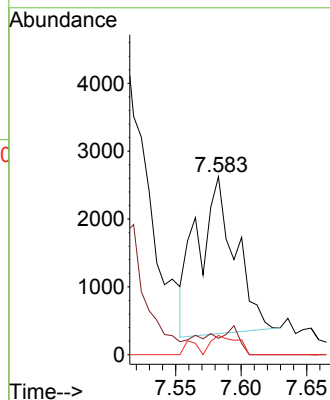
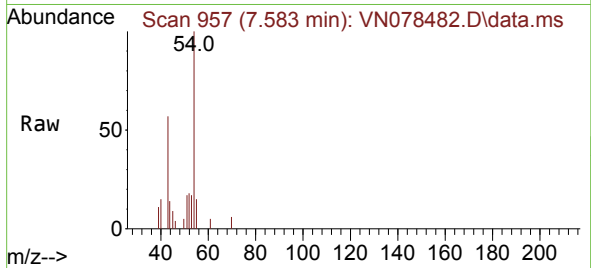




#37
Ethyl Acetate
Concen: 0.806 ug/l
RT: 7.583 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

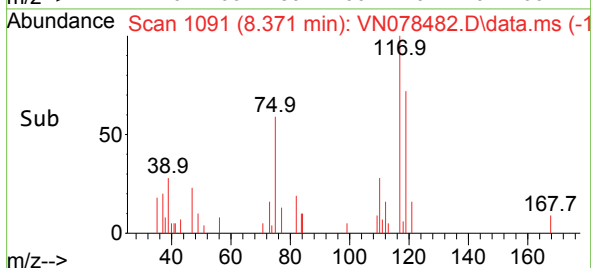
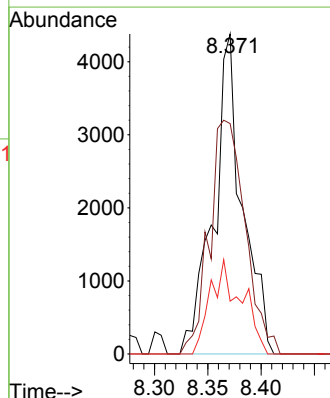
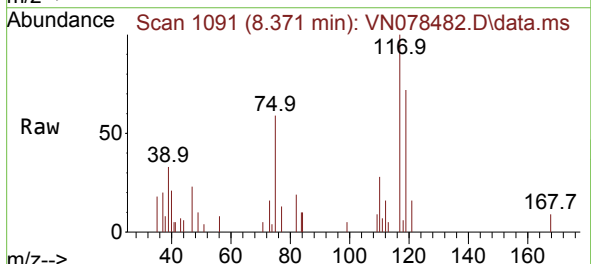
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

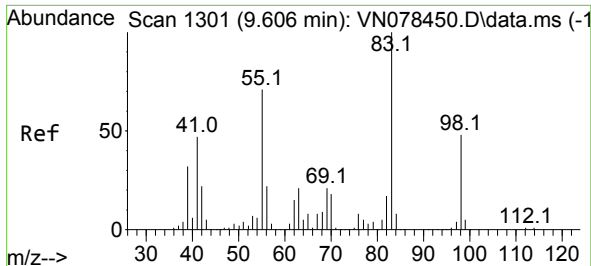
Tgt Ion: 43 Resp: 4608
Ion Ratio Lower Upper
43 100
61 15.0 13.2 19.8
70 8.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 1.102 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 117 Resp: 8214
Ion Ratio Lower Upper
117 100
119 72.0 77.3 115.9#
121 16.5 23.3 34.9#

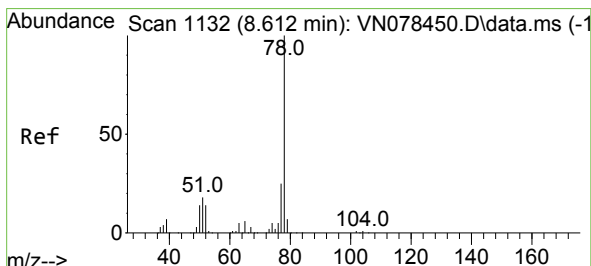
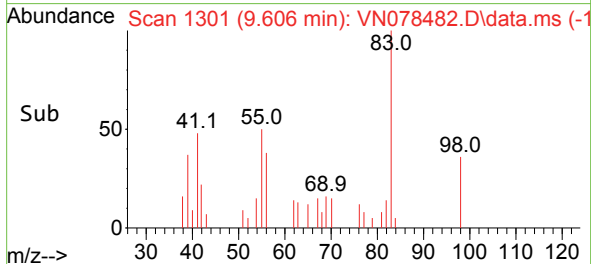
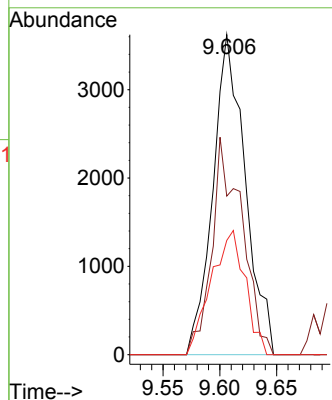
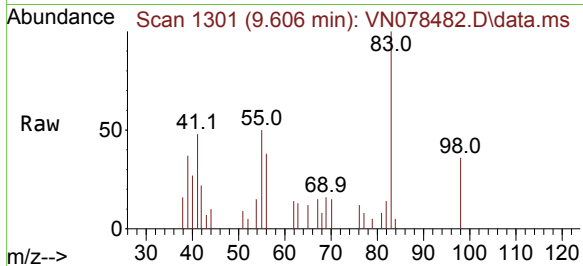




#39
Methylcyclohexane
Concen: 1.145 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

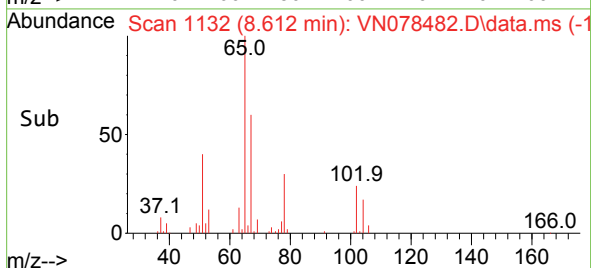
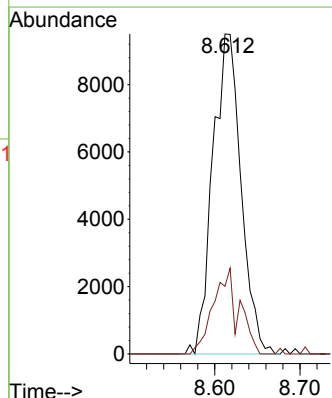
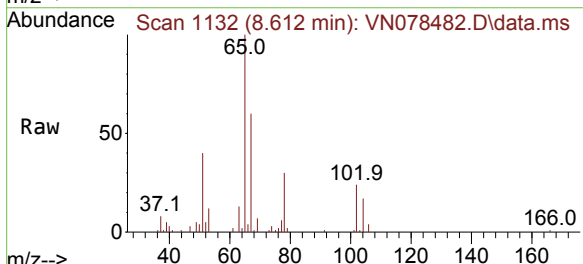
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

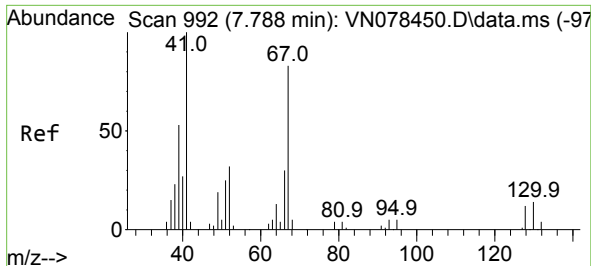
Tgt Ion	Ratio	Lower	Upper
83	100		
55	49.5	49.1	73.7
98	35.7	40.6	61.0



#40
Benzene
Concen: 1.077 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.2	19.0	28.6

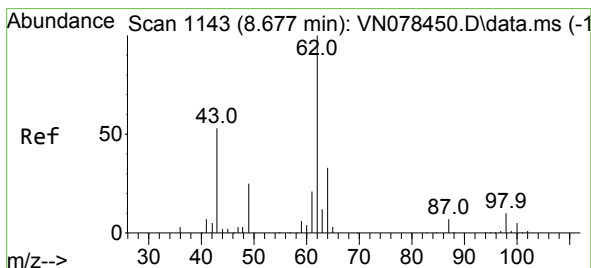
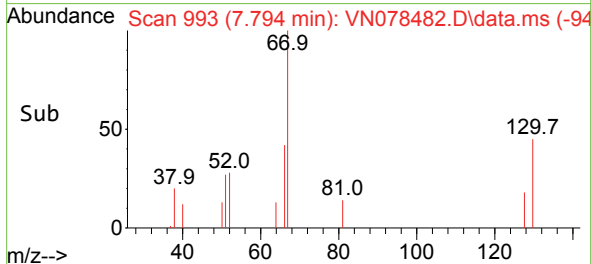
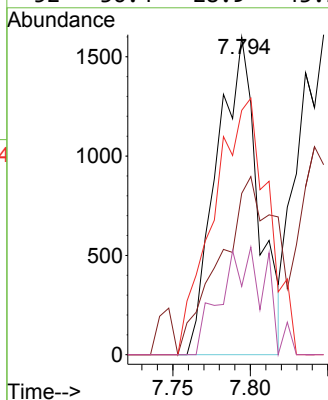
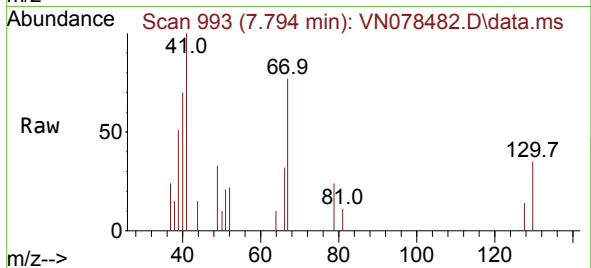




#41
Methacrylonitrile
Concen: 1.022 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

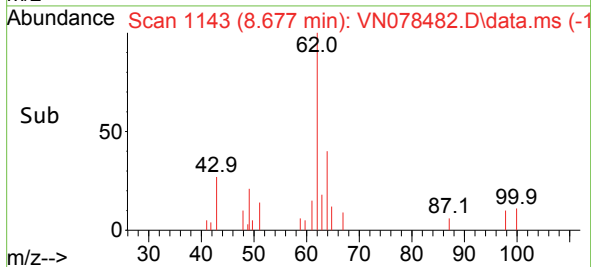
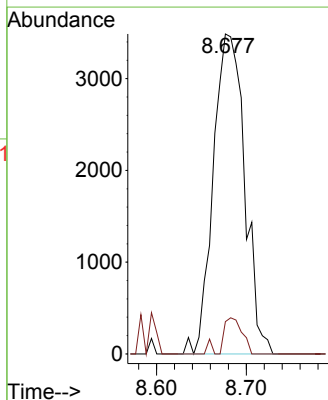
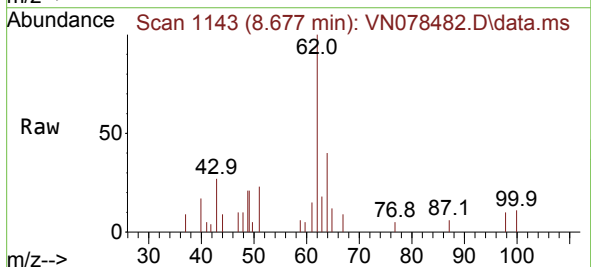
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

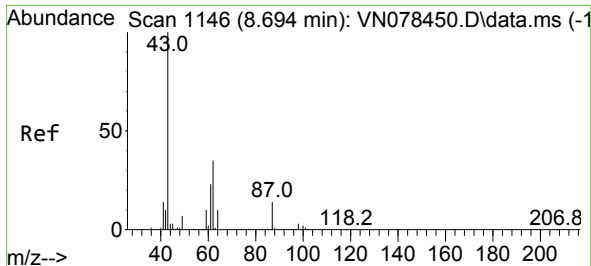
Tgt Ion:	41	Resp:	2978
Ion	Ratio	Lower	Upper
41	100		
39	75.0	42.6	64.0#
67	106.0	77.5	116.3
52	36.4	28.9	43.3



#42
1,2-Dichloroethane
Concen: 1.225 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion:	62	Resp:	8461
Ion	Ratio	Lower	Upper
62	100		
98	6.4	0.0	19.8

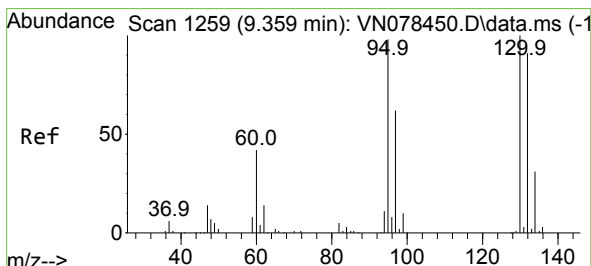
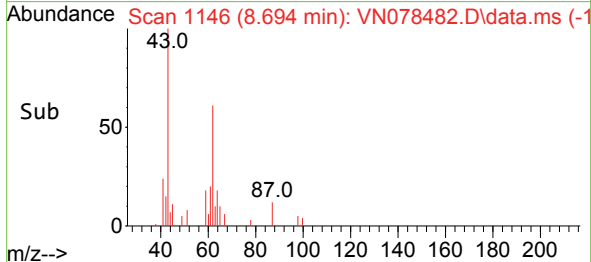
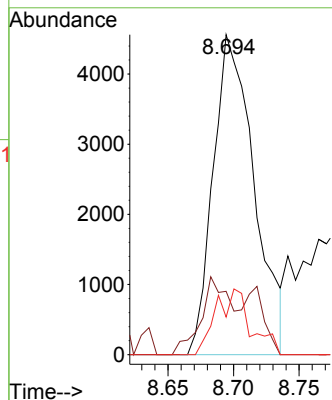
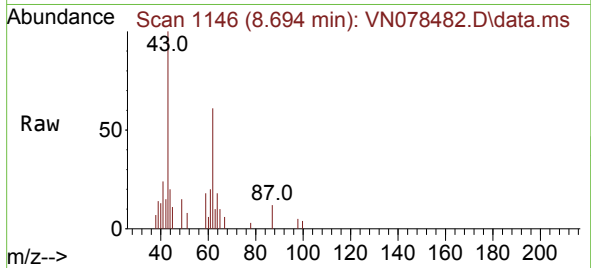




#43
Isopropyl Acetate
Concen: 1.055 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

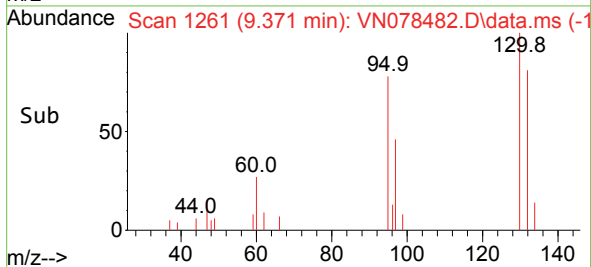
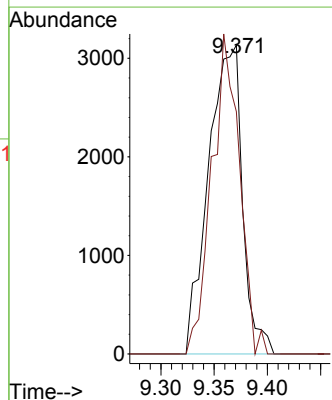
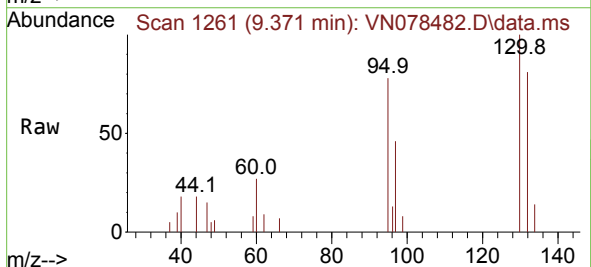
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

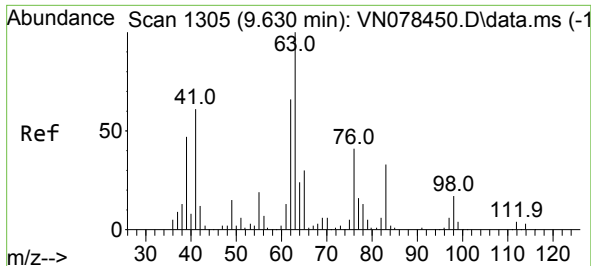
Tgt Ion: 43 Resp: 9923
Ion Ratio Lower Upper
43 100
61 16.9 24.7 37.1#
87 17.5 14.6 21.8



#44
Trichloroethene
Concen: 1.267 ug/l
RT: 9.371 min Scan# 1261
Delta R.T. 0.012 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion:130 Resp: 6936
Ion Ratio Lower Upper
130 100
95 78.5 0.0 204.6

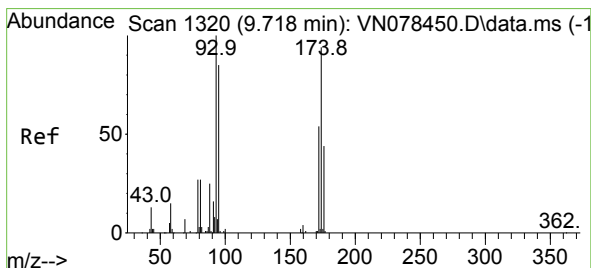
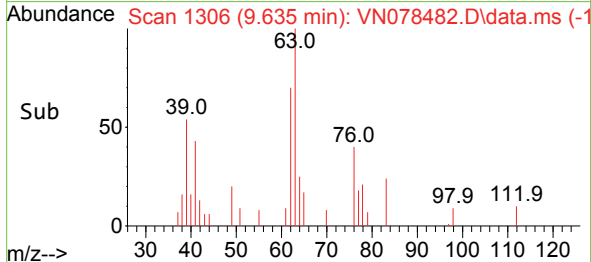
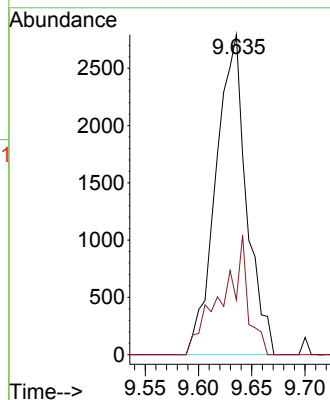
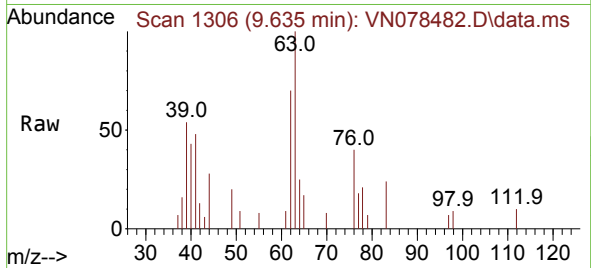




#45
1,2-Dichloropropane
Concen: 1.083 ug/l
RT: 9.635 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

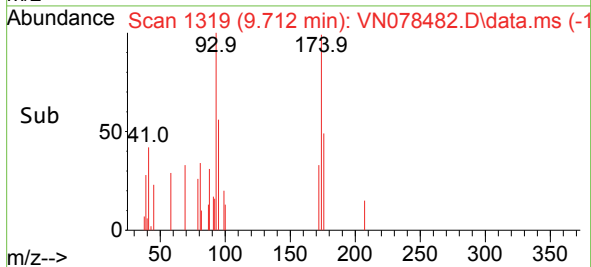
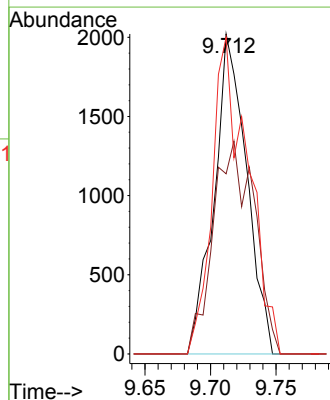
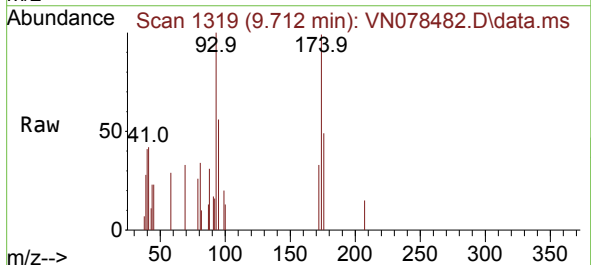
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

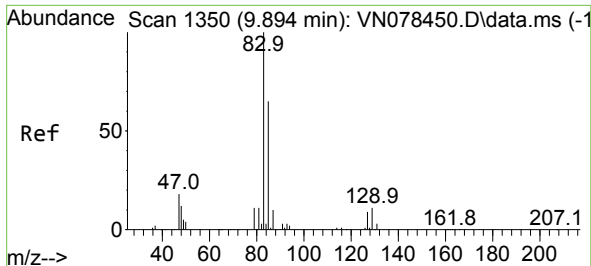
Tgt Ion: 63 Resp: 5572
Ion Ratio Lower Upper
63 100
65 17.1 23.9 35.9#



#46
Dibromomethane
Concen: 0.960 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 93 Resp: 3476
Ion Ratio Lower Upper
93 100
95 84.7 63.8 95.8
174 108.5 65.6 98.4#

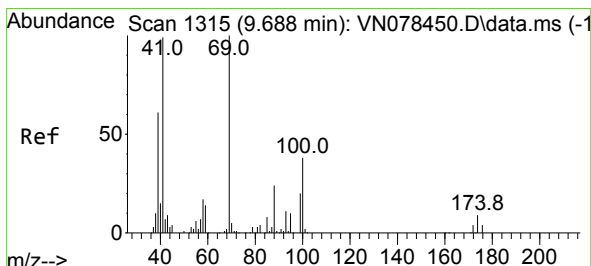
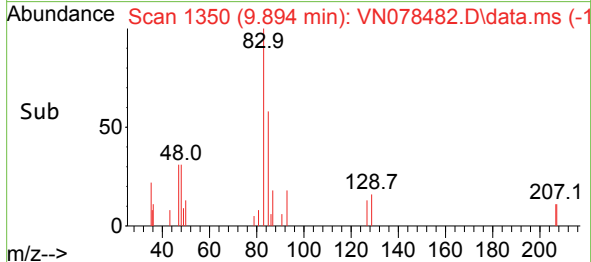
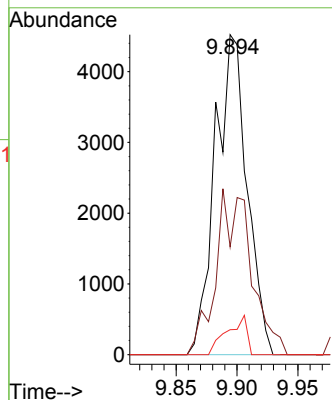
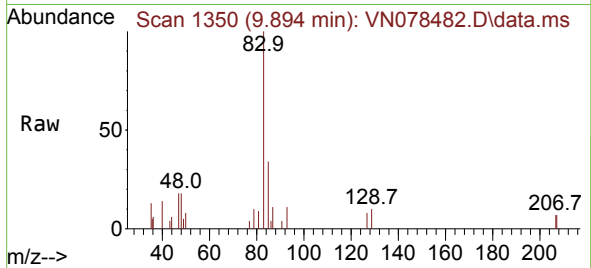




#47
Bromodichloromethane
Concen: 1.135 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

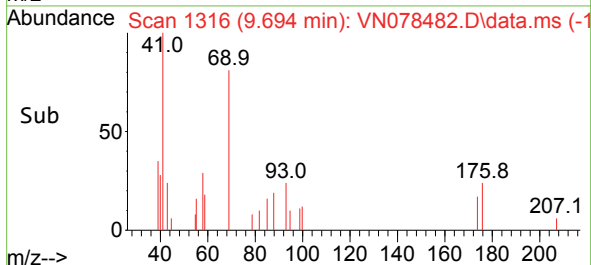
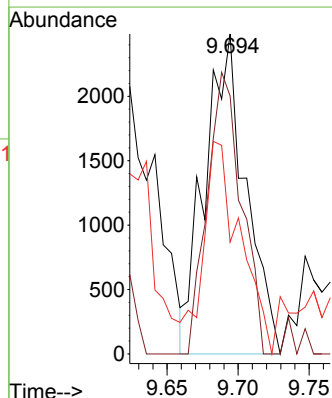
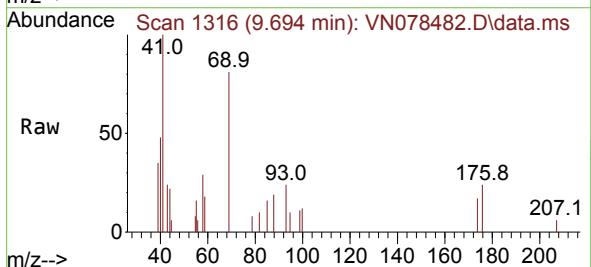
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

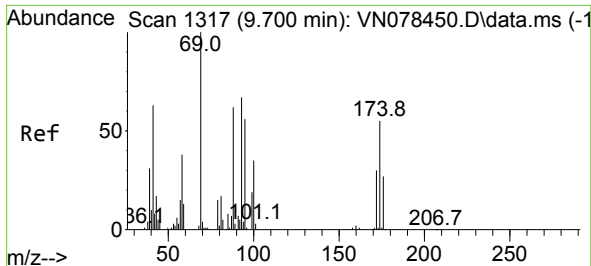
Tgt Ion: 83 Resp: 8235
Ion Ratio Lower Upper
83 100
85 33.7 49.6 74.4#
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 1.138 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 41 Resp: 4959
Ion Ratio Lower Upper
41 100
69 74.1 90.4 135.6#
39 59.4 54.6 81.8





#49

1,4-Dioxane

Concen: 18.659 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

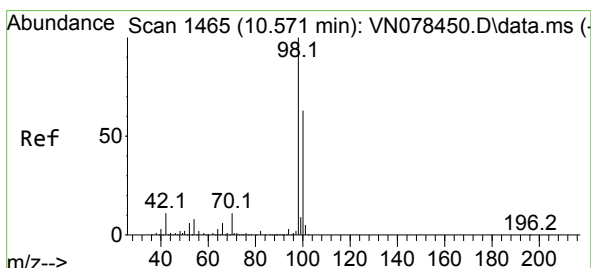
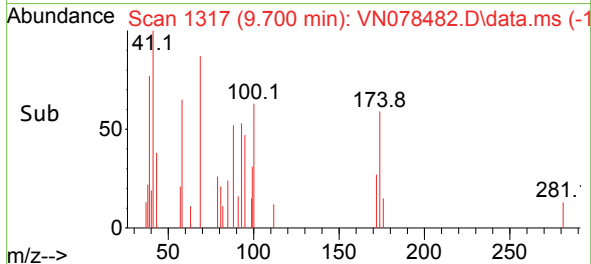
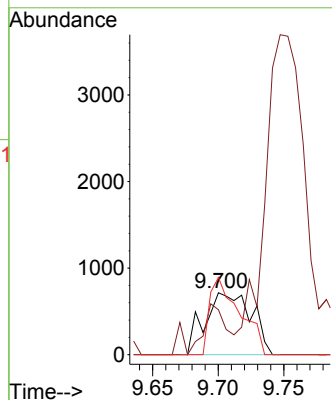
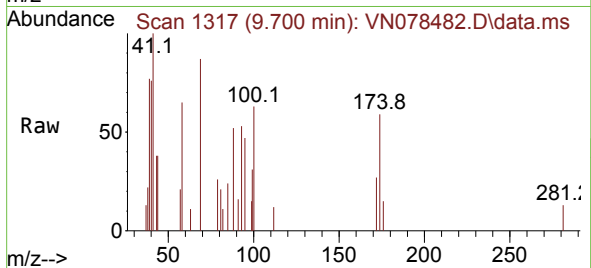
Tgt Ion: 88 Resp: 1774

Ion Ratio Lower Upper

88 100

43 39.6 17.0 25.6#

58 80.5 47.0 70.4#



#50

Toluene-d8

Concen: 47.805 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078482.D

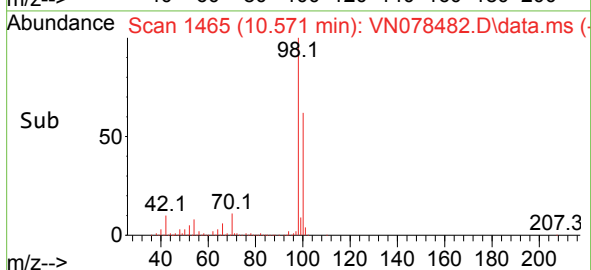
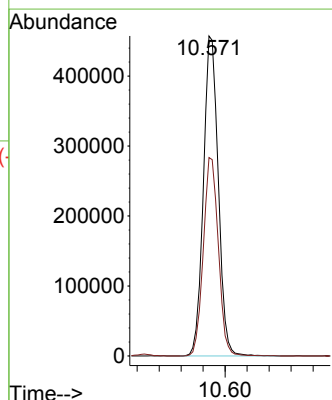
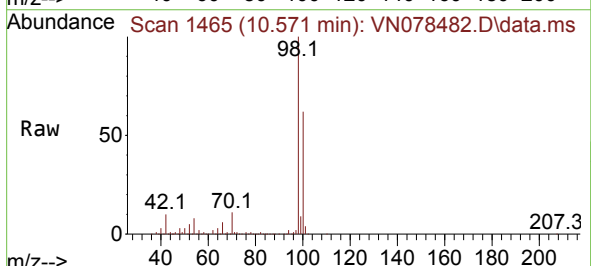
Acq: 12 Jul 2023 16:00

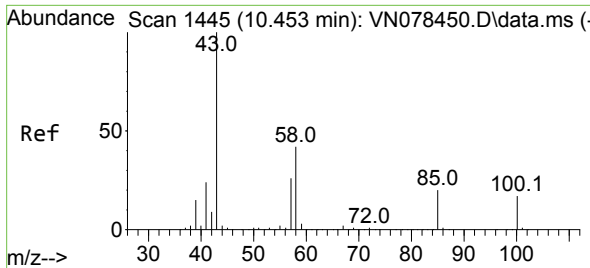
Tgt Ion: 98 Resp: 857534

Ion Ratio Lower Upper

98 100

100 62.7 52.0 78.0

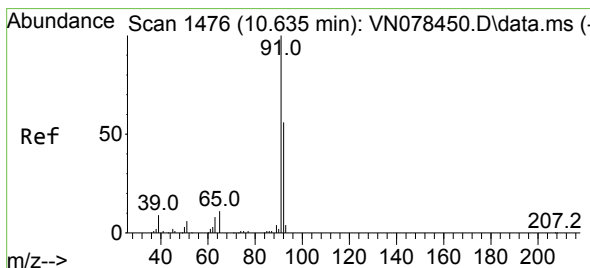
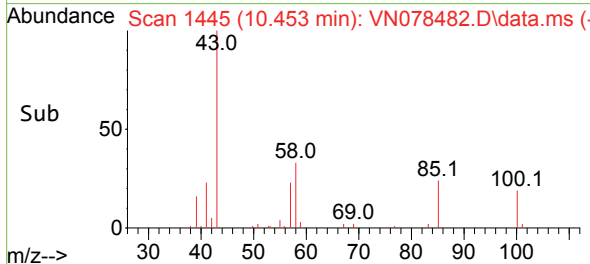
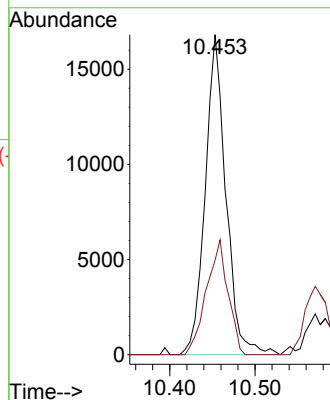
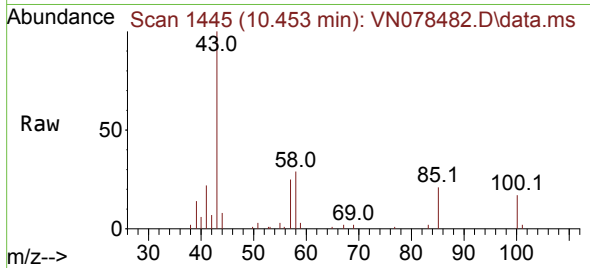




#51
4-Methyl-2-Pentanone
Concen: 5.073 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

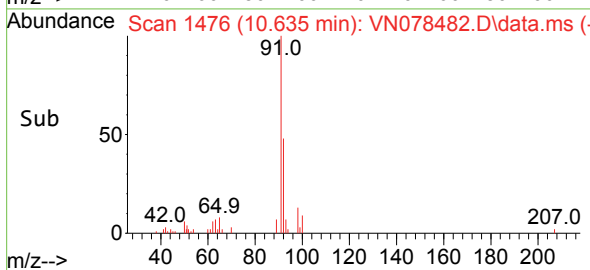
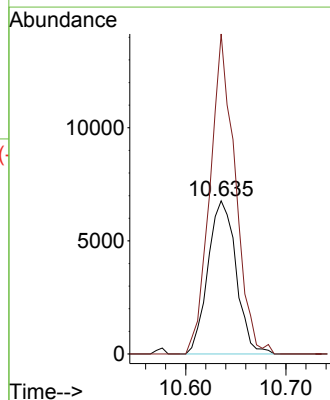
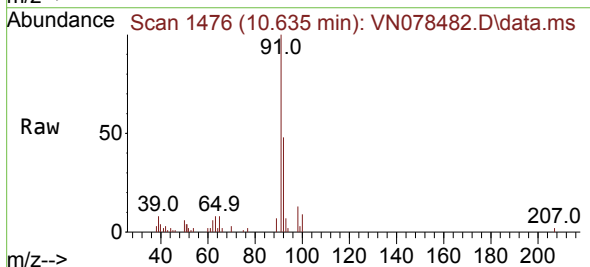
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

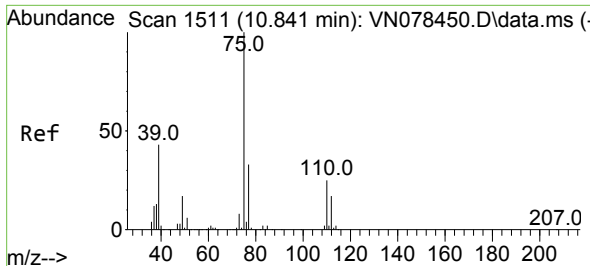
Tgt Ion: 43 Resp: 28396
Ion Ratio Lower Upper
43 100
58 37.4 36.6 54.8



#52
Toluene
Concen: 1.051 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 92 Resp: 13231
Ion Ratio Lower Upper
92 100
91 186.8 137.4 206.0

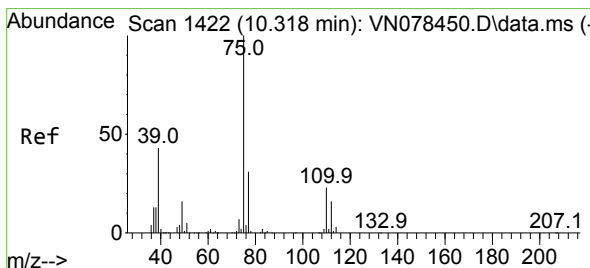
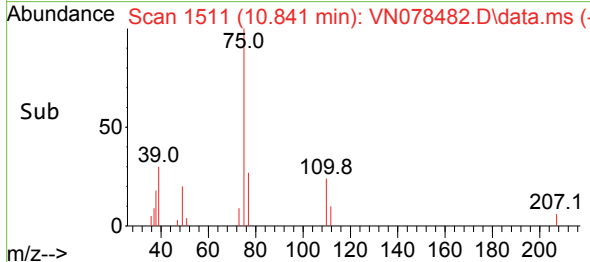
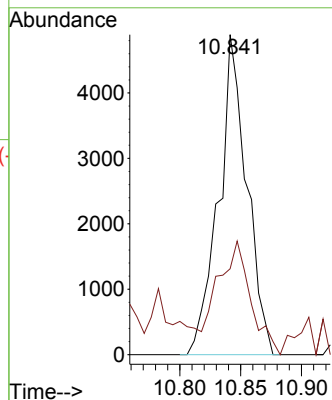
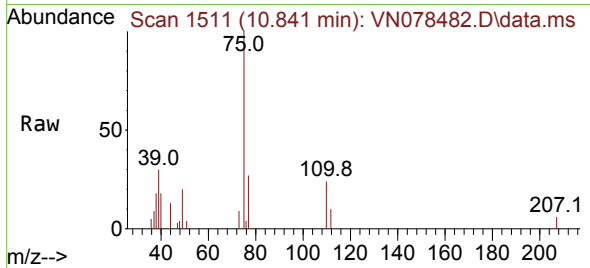




#53
t-1,3-Dichloropropene
Concen: 1.055 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

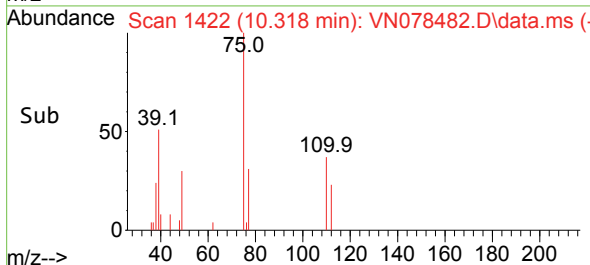
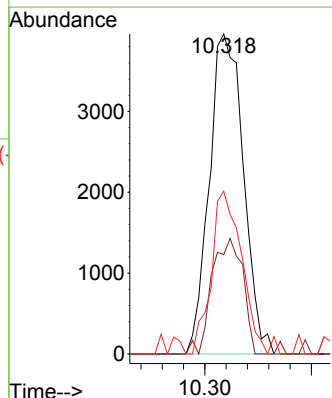
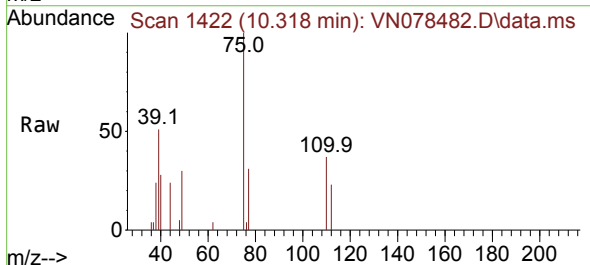
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

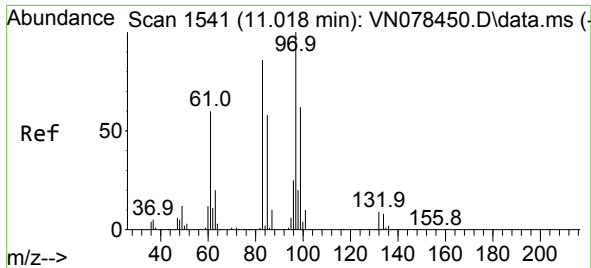
Tgt Ion: 75 Resp: 7843
Ion Ratio Lower Upper
75 100
77 26.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 1.109 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 75 Resp: 8790
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 50.8 31.6 47.4#

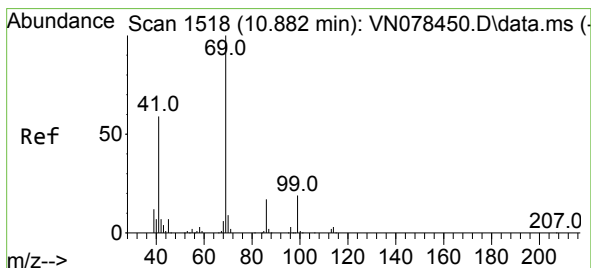
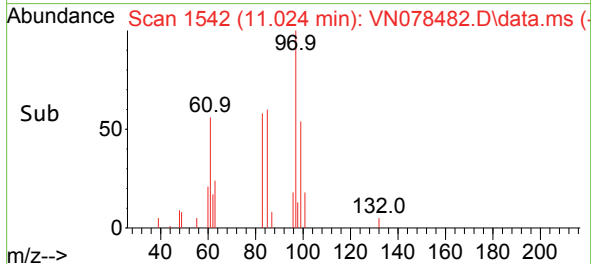
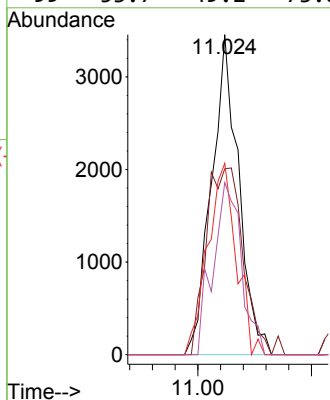
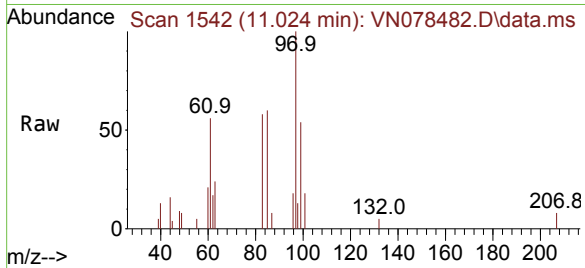




#55
1,1,2-Trichloroethane
Concen: 1.153 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

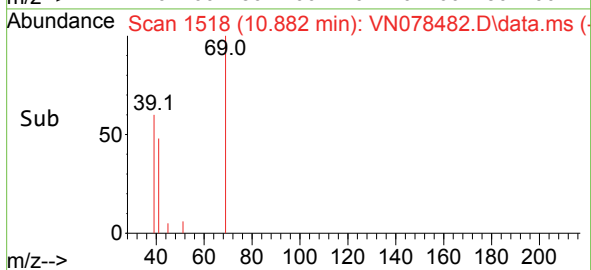
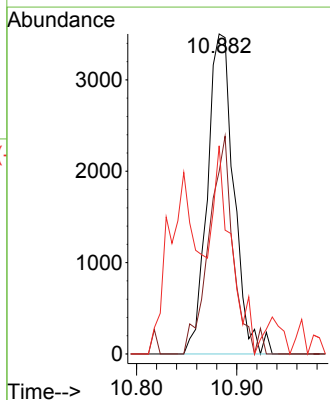
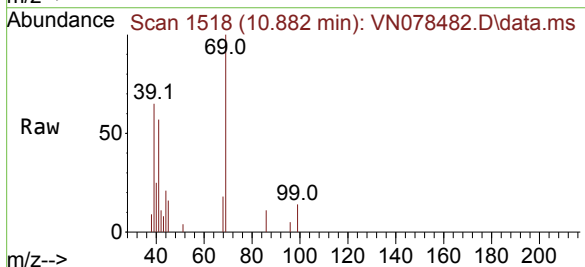
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

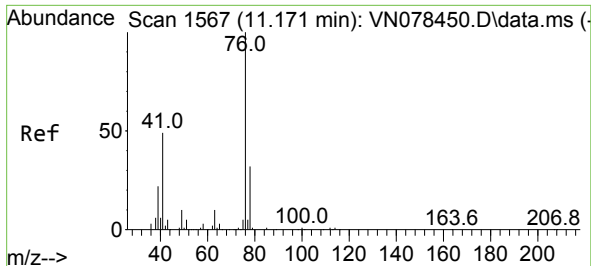
Tgt Ion:	97	Resp:	5721
Ion	Ratio	Lower	Upper
97	100		
83	58.1	65.1	97.7#
85	59.8	43.4	65.2
99	53.7	49.2	73.8



#56
Ethyl methacrylate
Concen: 0.928 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion:	69	Resp:	6433
Ion	Ratio	Lower	Upper
69	100		
41	62.7	39.6	59.4#
39	45.7	28.6	43.0#

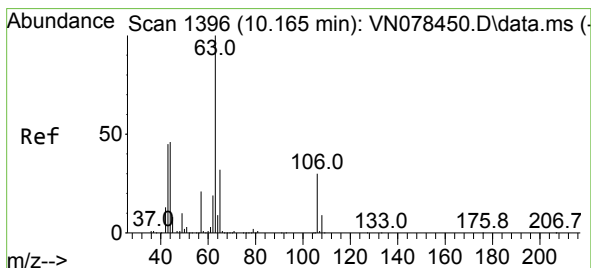
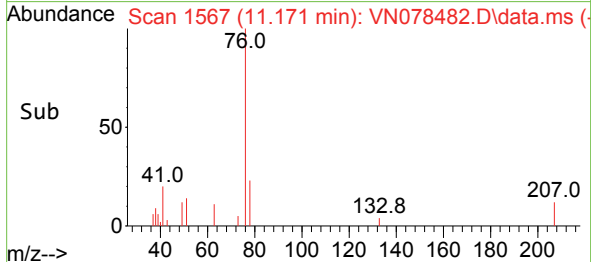
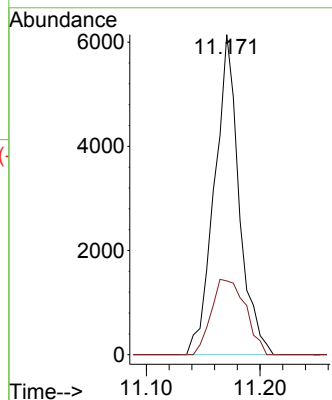
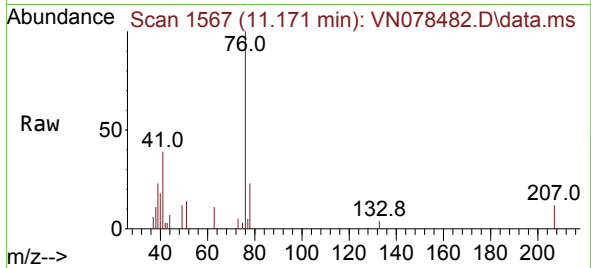




#57
1,3-Dichloropropane
Concen: 1.100 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

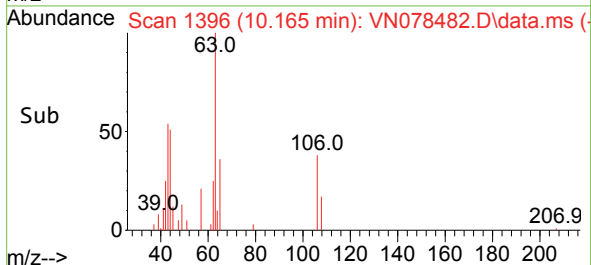
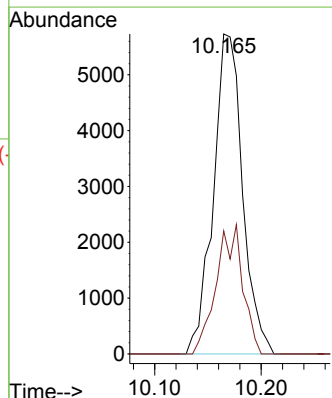
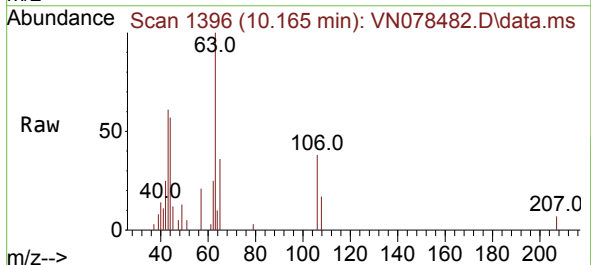
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

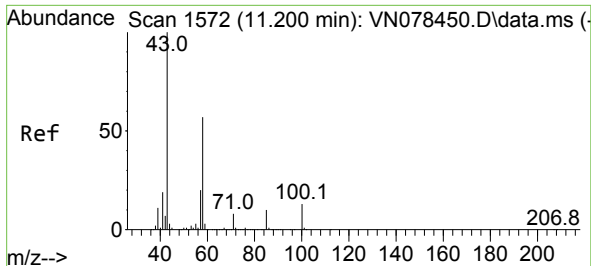
Tgt Ion: 76 Resp: 9273
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 4.419 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 63 Resp: 10918
Ion Ratio Lower Upper
63 100
106 36.5 26.2 39.4

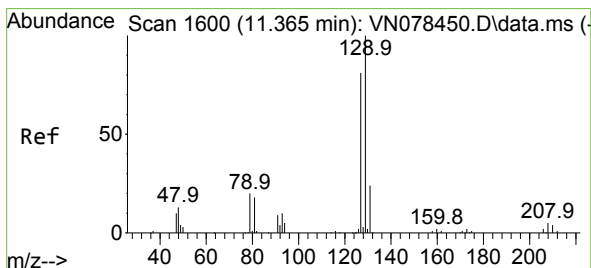
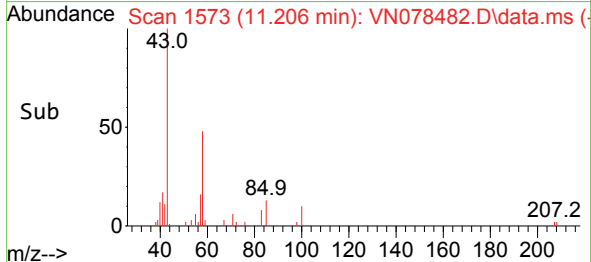
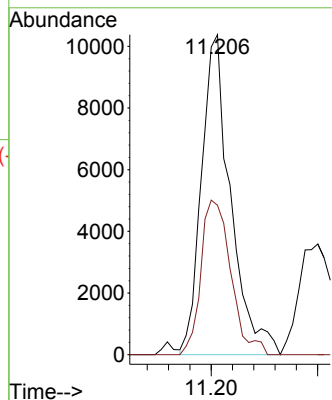
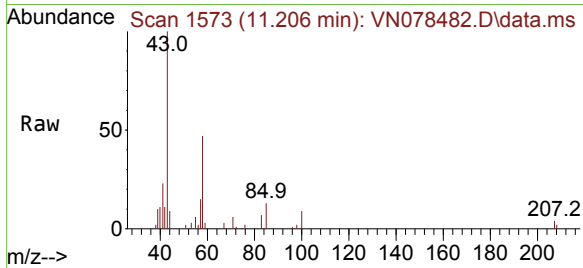




#59
2-Hexanone
Concen: 4.962 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

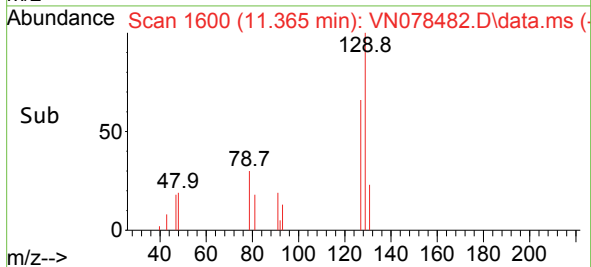
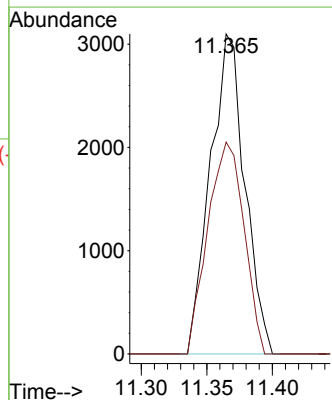
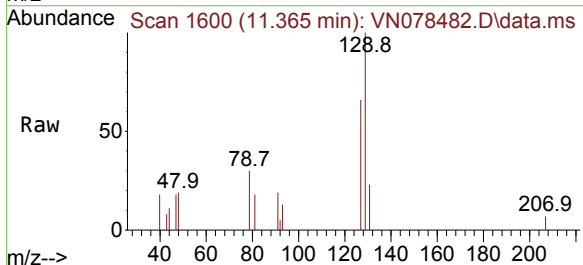
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

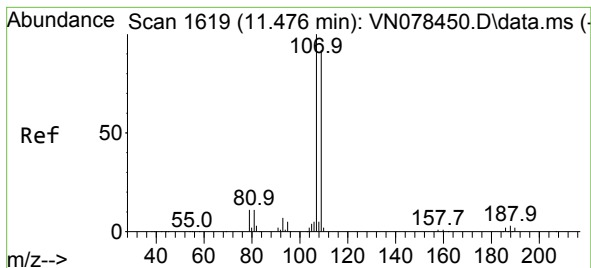
Tgt Ion: 43 Resp: 19738
Ion Ratio Lower Upper
43 100
58 49.6 31.7 95.1



#60
Dibromochloromethane
Concen: 1.035 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 129 Resp: 5665
Ion Ratio Lower Upper
129 100
127 69.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 0.983 ug/l

RT: 11.477 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

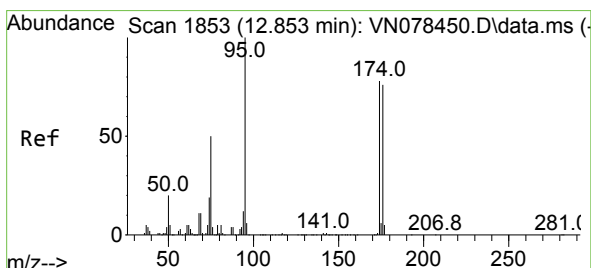
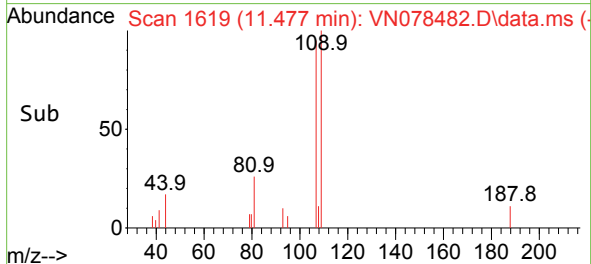
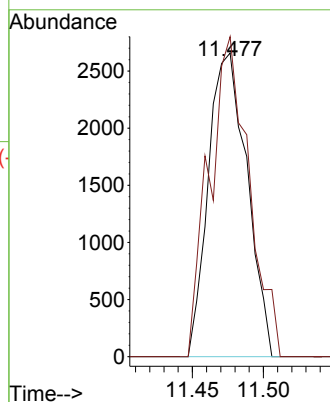
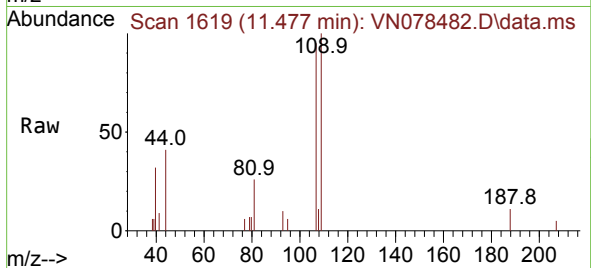
LOQ-WATER-02-QT3-2023

Tgt Ion:107 Resp: 5024

Ion Ratio Lower Upper

107 100

109 108.2 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 44.123 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

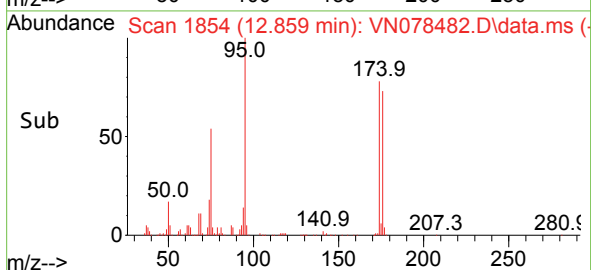
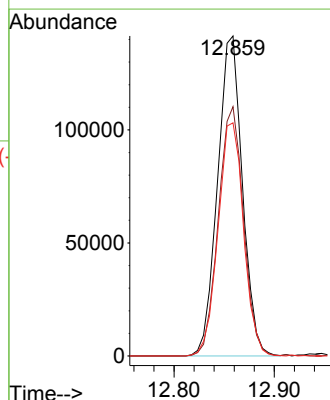
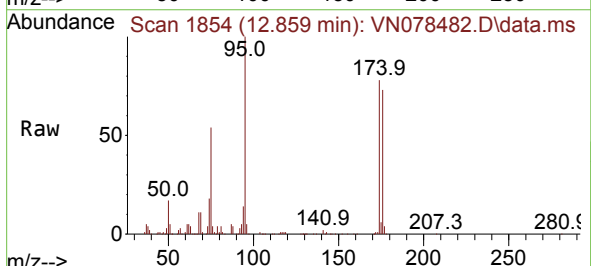
Tgt Ion: 95 Resp: 243796

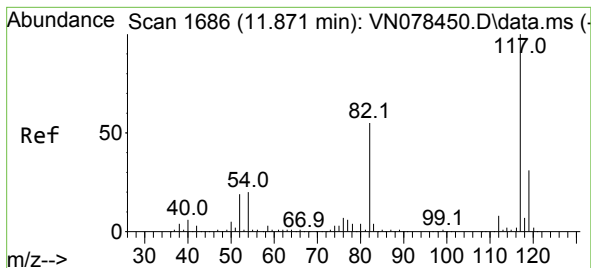
Ion Ratio Lower Upper

95 100

174 78.8 0.0 143.8

176 74.7 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: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

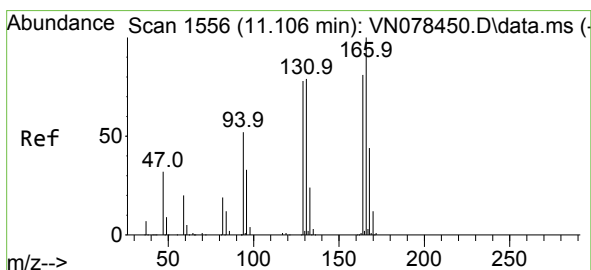
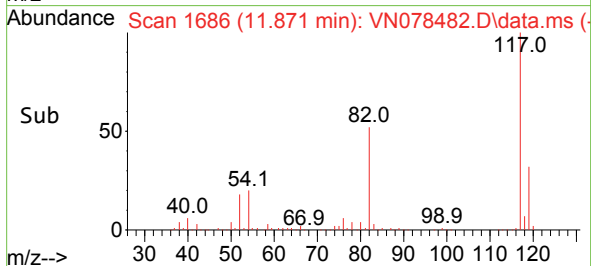
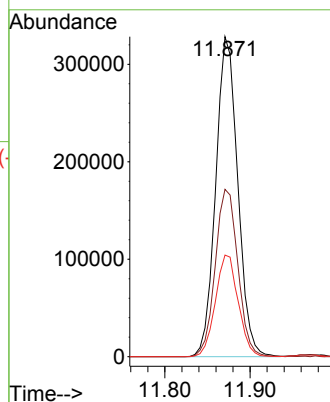
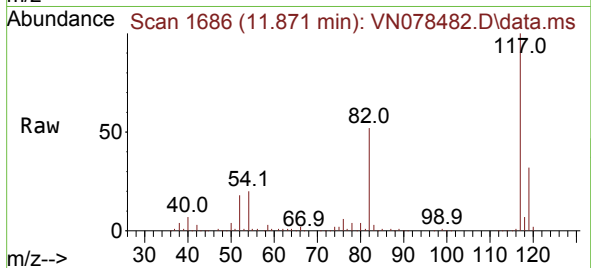
Tgt Ion:117 Resp: 589866

Ion Ratio Lower Upper

117 100

82 52.3 44.0 66.0

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 1.102 ug/l

RT: 11.118 min Scan# 1558

Delta R.T. 0.012 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Tgt Ion:164 Resp: 4888

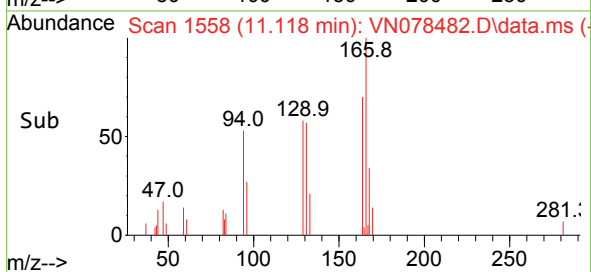
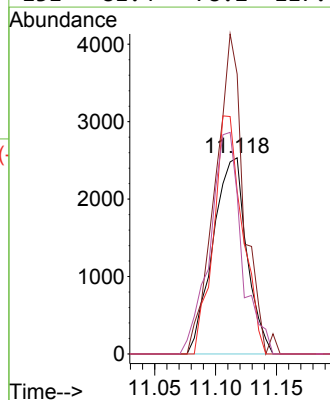
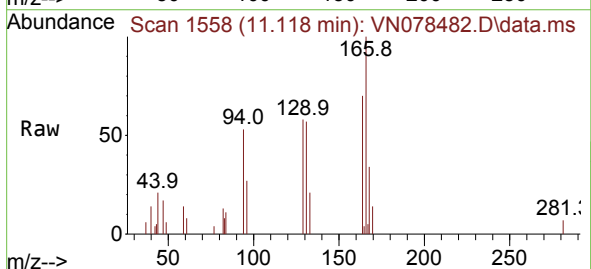
Ion Ratio Lower Upper

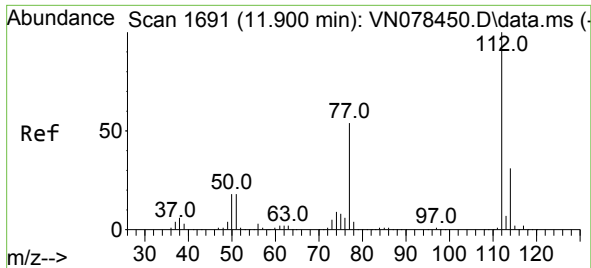
164 100

166 142.7 101.4 152.0

129 83.0 82.4 123.6

131 81.4 78.2 117.4

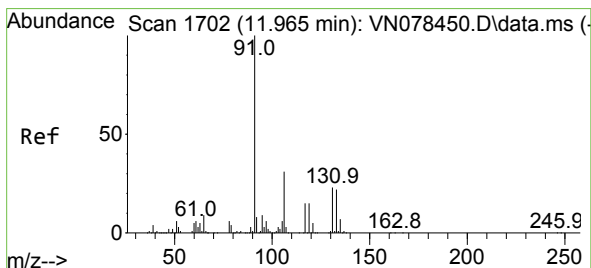
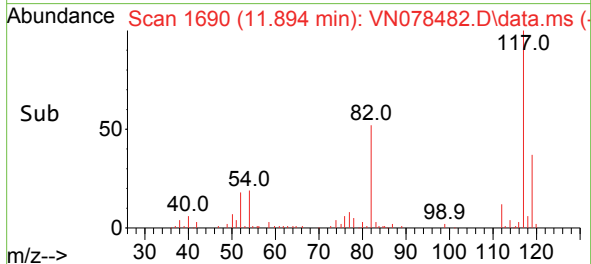
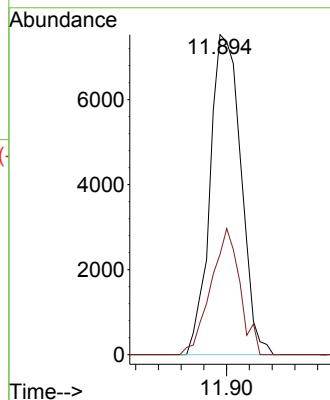
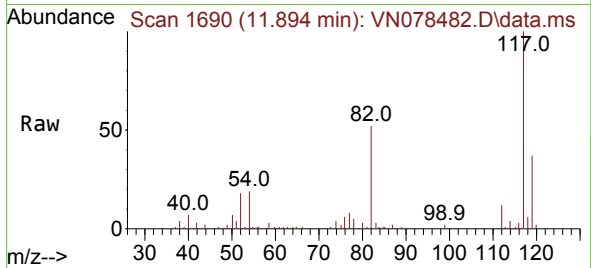




#65
Chlorobenzene
Concen: 1.079 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

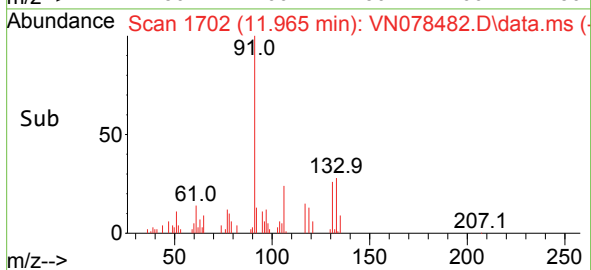
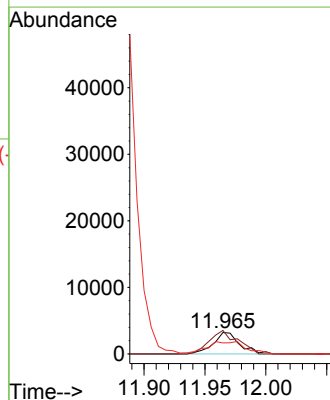
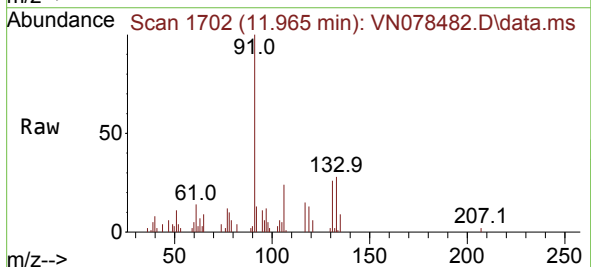
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

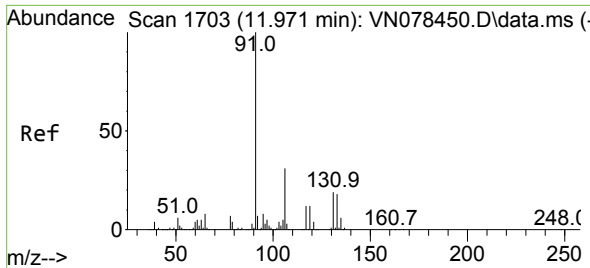
Tgt Ion:112 Resp: 14220
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.965 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion:131 Resp: 4894
Ion Ratio Lower Upper
131 100
133 115.7 46.4 139.1
119 0.0 34.1 102.2#

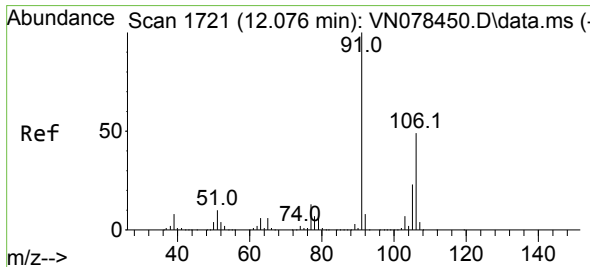
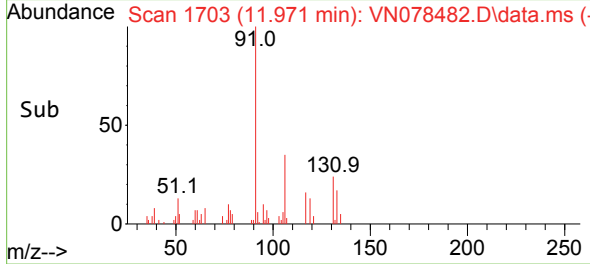
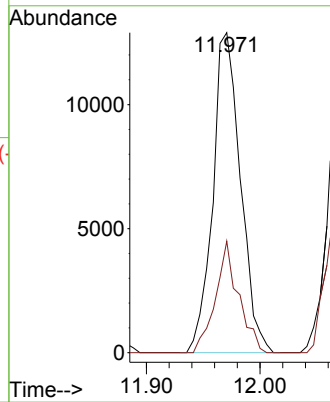
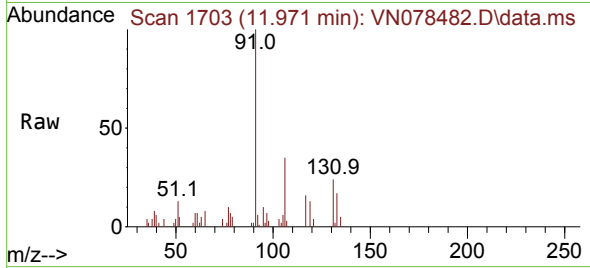




#67
Ethyl Benzene
Concen: 0.979 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

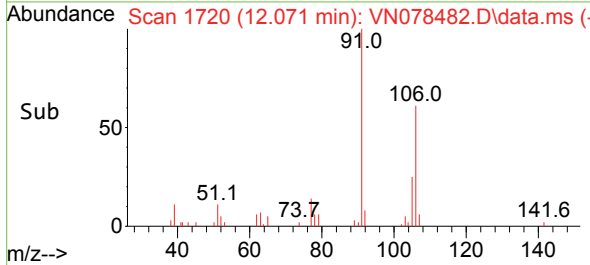
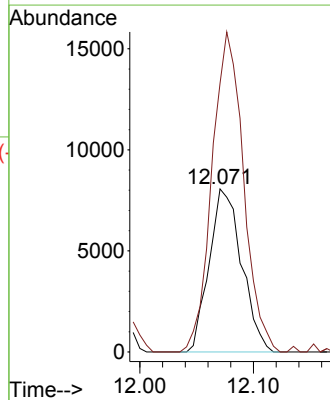
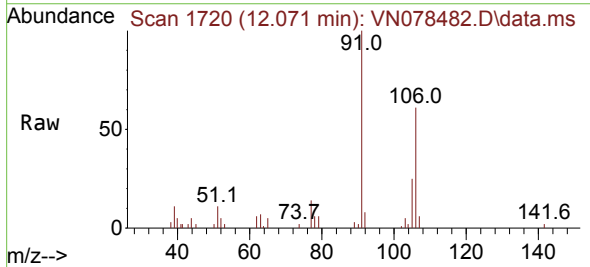
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

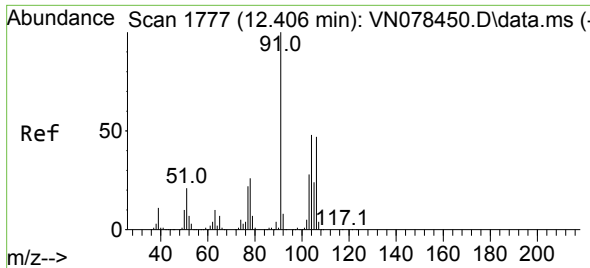
Tgt Ion: 91 Resp: 21827
Ion Ratio Lower Upper
91 100
106 34.8 25.6 38.4



#68
m/p-Xylenes
Concen: 1.946 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 106 Resp: 16034
Ion Ratio Lower Upper
106 100
91 190.5 159.6 239.4

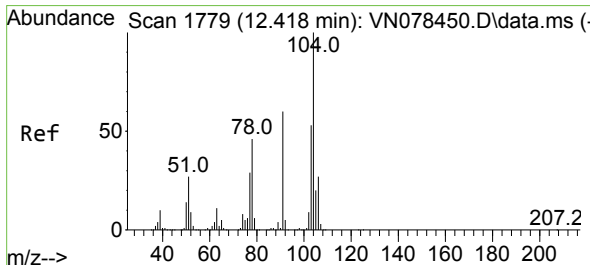
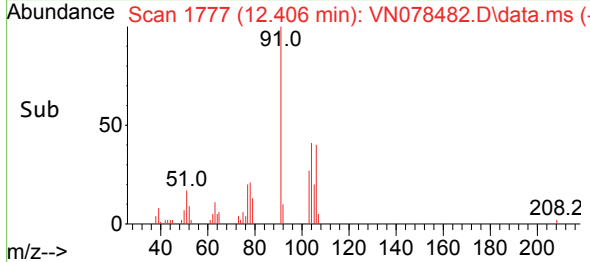
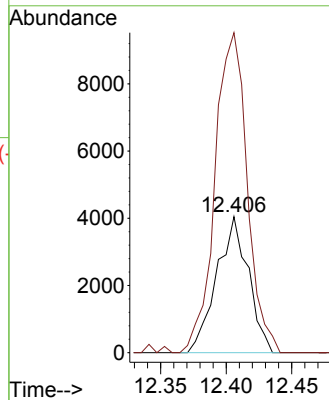
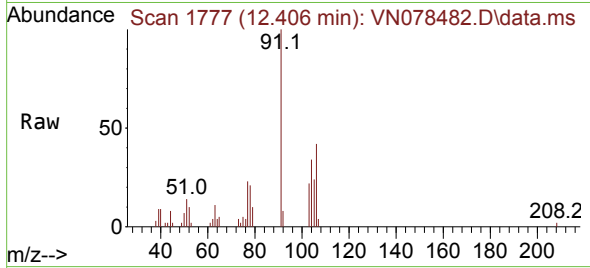




#69
o-Xylene
Concen: 0.815 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

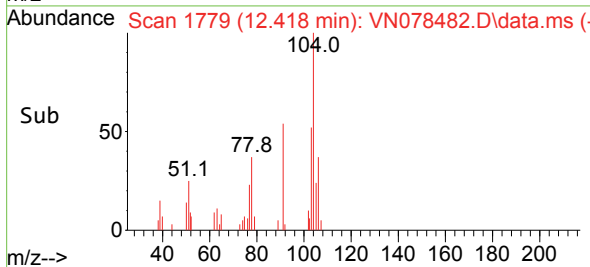
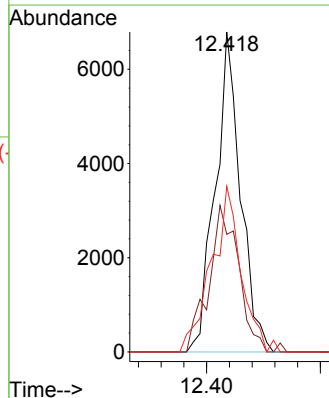
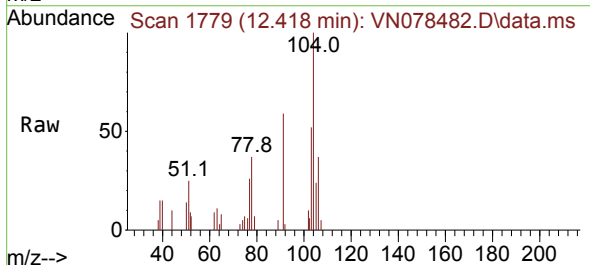
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

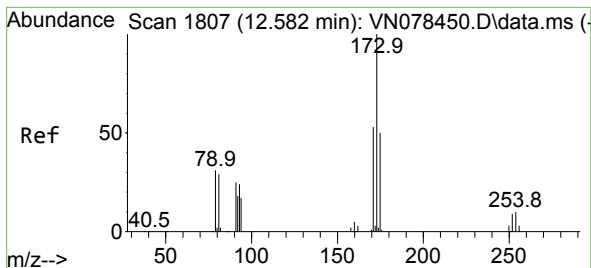
Tgt Ion:106 Resp: 6783
Ion Ratio Lower Upper
106 100
91 239.9 105.2 315.5



#70
Styrene
Concen: 0.806 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion:104 Resp: 10489
Ion Ratio Lower Upper
104 100
78 53.6 39.5 59.3
103 60.8 43.2 64.8





#71

Bromoform

Concen: 1.043 ug/l

RT: 12.588 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

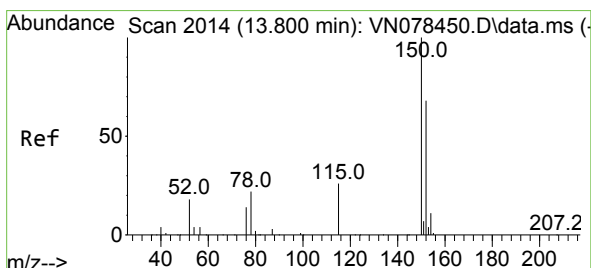
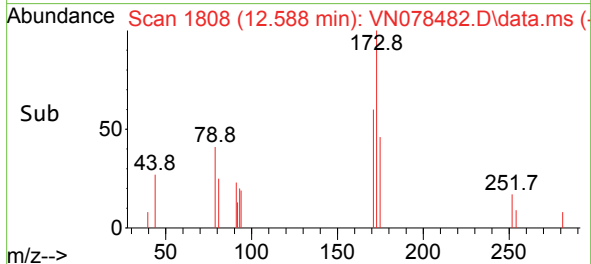
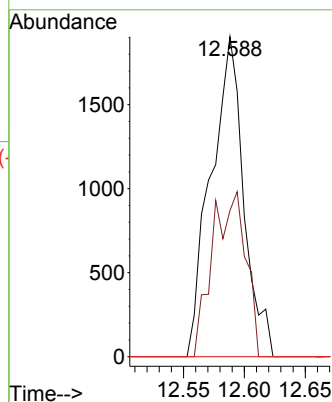
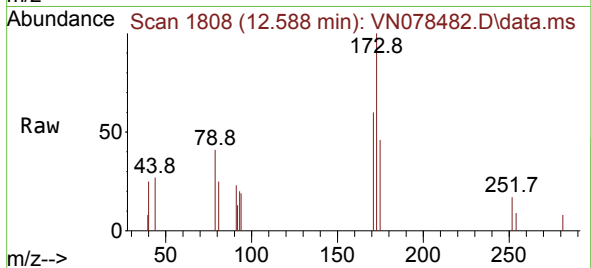
Tgt Ion:173 Resp: 3582

Ion Ratio Lower Upper

173 100

175 52.5 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

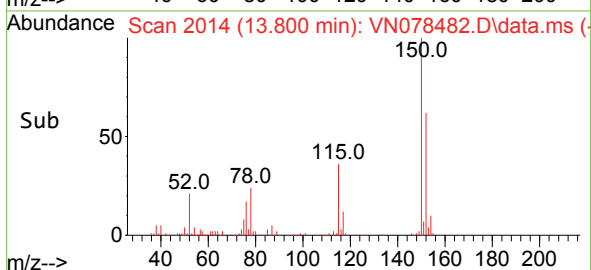
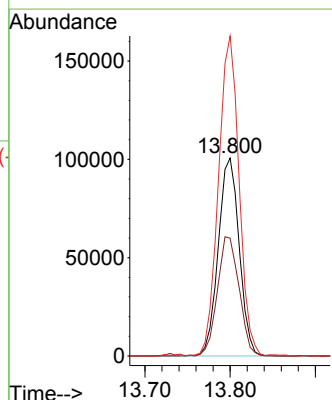
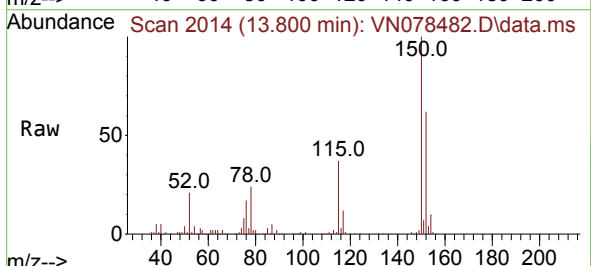
Tgt Ion:152 Resp: 171884

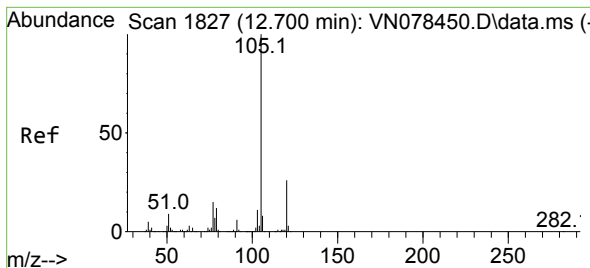
Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 158.5 0.0 355.8





#73

Isopropylbenzene

Concen: 1.118 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

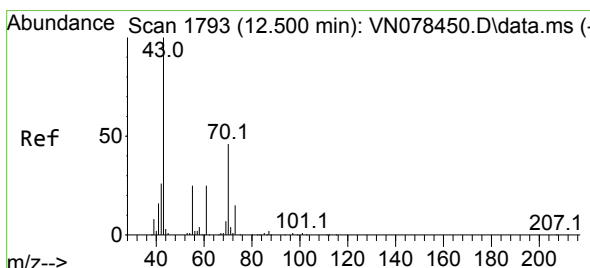
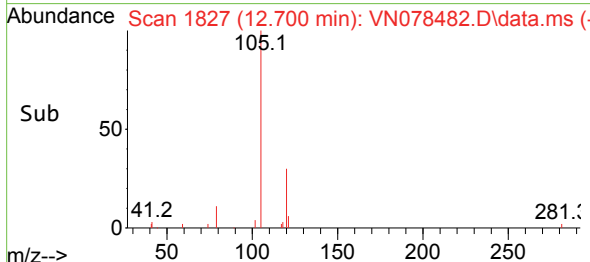
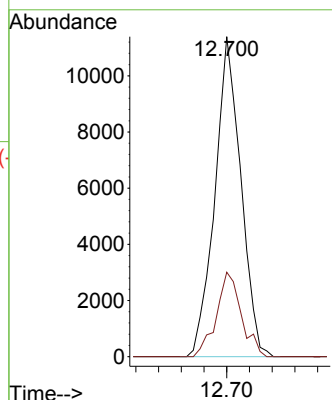
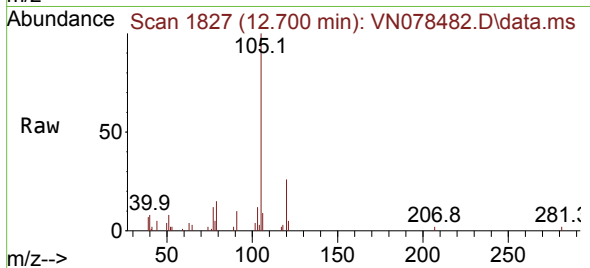
LOQ-WATER-02-QT3-2023

Tgt Ion:105 Resp: 18060

Ion Ratio Lower Upper

105 100

120 25.3 13.1 39.1



#74

N-ethyl acetate

Concen: 1.113 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Tgt Ion: 43 Resp: 6196

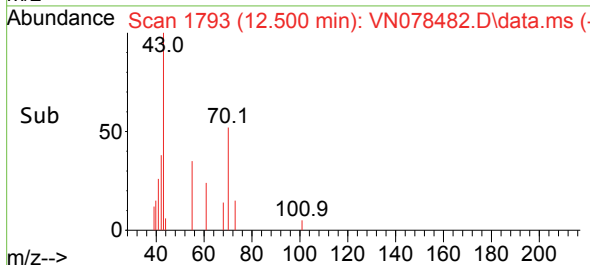
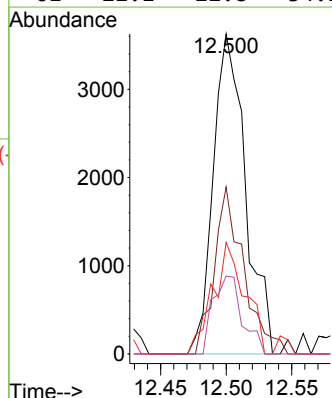
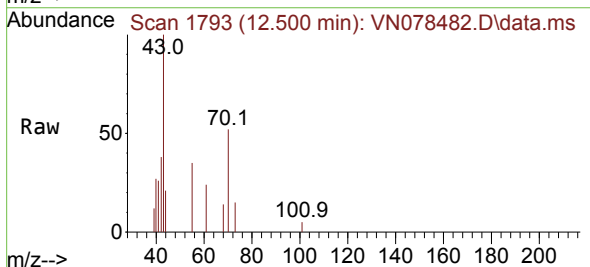
Ion Ratio Lower Upper

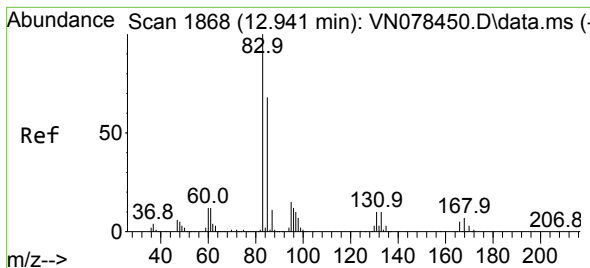
43 100

70 47.5 43.4 65.2

55 34.7 21.4 32.0#

61 22.1 22.8 34.2#





#75

1,1,2-Tetrachloroethane

Concen: 1.393 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. 0.006 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

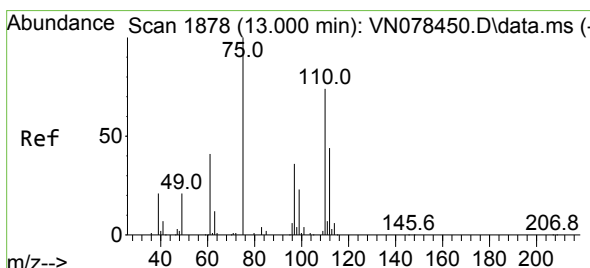
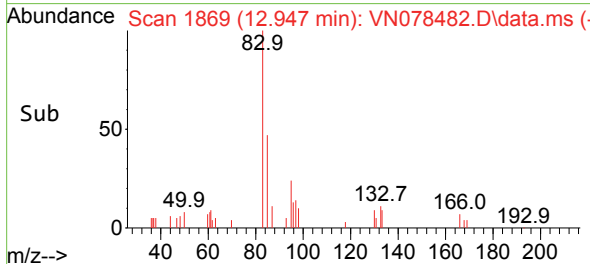
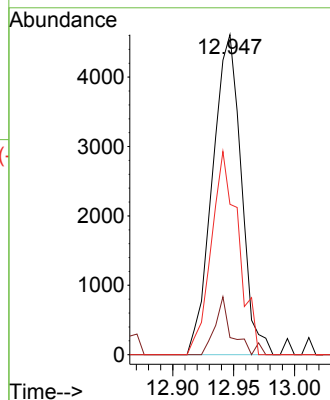
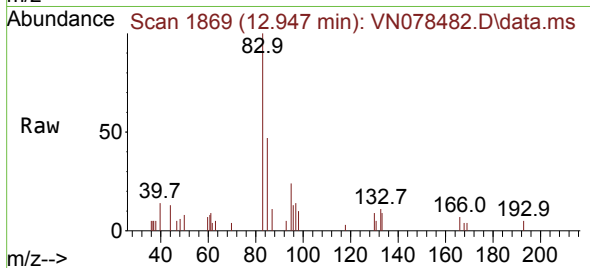
Tgt Ion: 83 Resp: 7599

Ion Ratio Lower Upper

83 100

131 10.8 5.0 15.0

85 59.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 2.094 ug/l

RT: 13.006 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VN078482.D

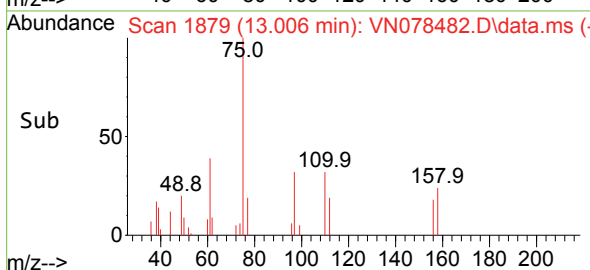
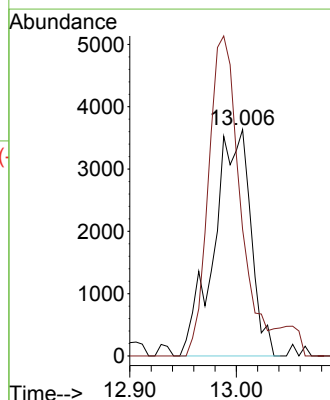
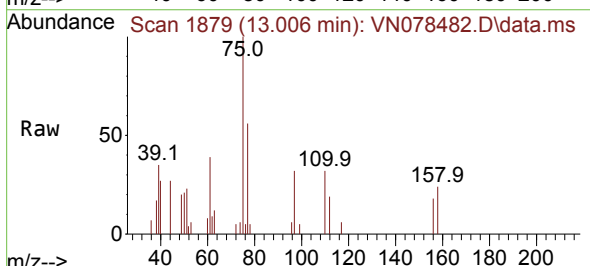
Acq: 12 Jul 2023 16:00

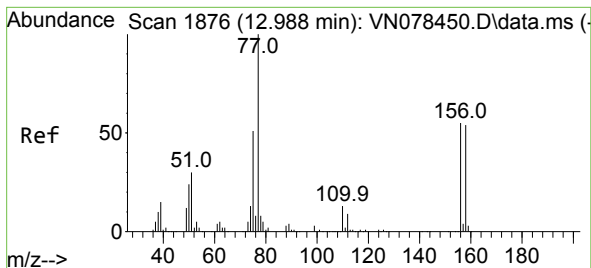
Tgt Ion: 75 Resp: 8700

Ion Ratio Lower Upper

75 100

77 122.2 84.5 253.5





#77

Bromobenzene

Concen: 1.295 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

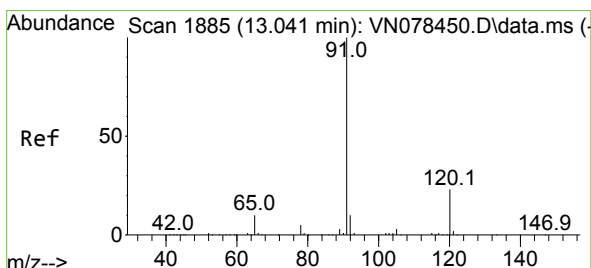
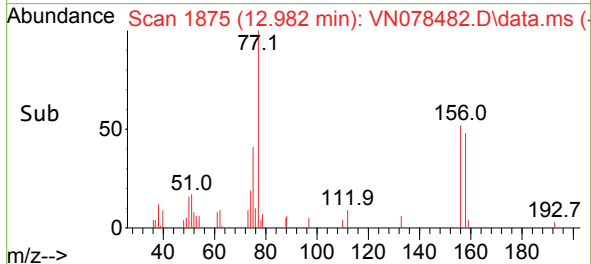
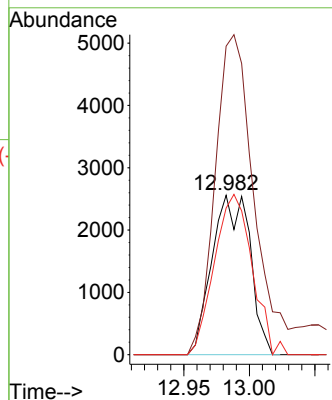
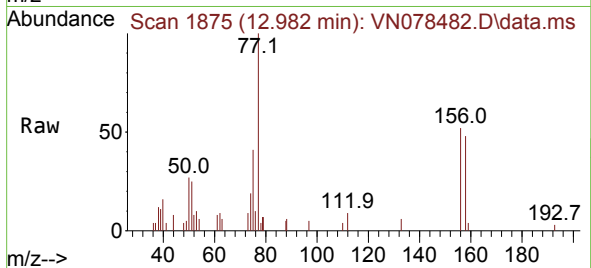
Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:	156	Resp:	5139
Ion Ratio	Lower	Upper	
156	100		
77	206.9	107.7	323.3
158	100.2	48.4	145.3



#78

n-propylbenzene

Concen: 1.154 ug/l

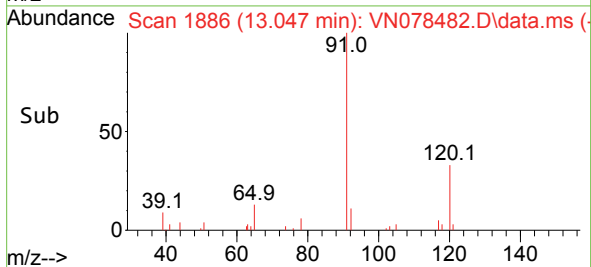
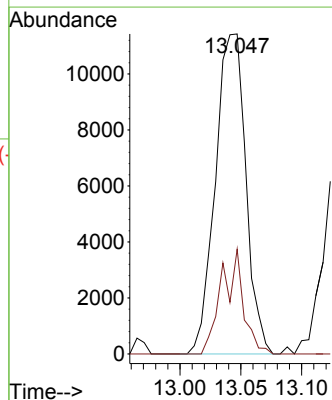
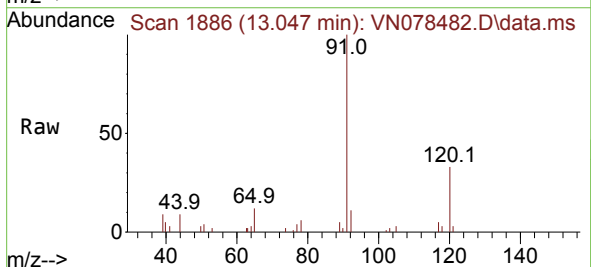
RT: 13.047 min Scan# 1886

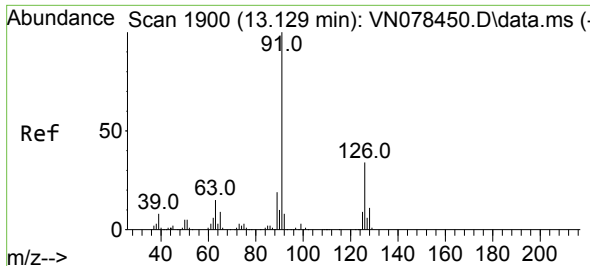
Delta R.T. 0.006 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Tgt Ion:	91	Resp:	19937
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.4

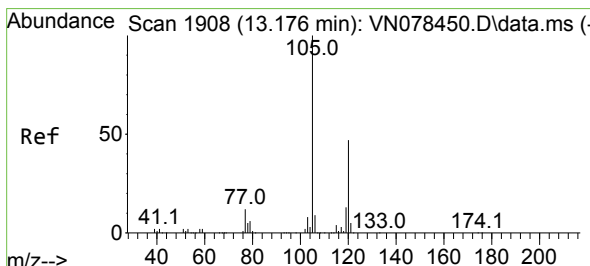
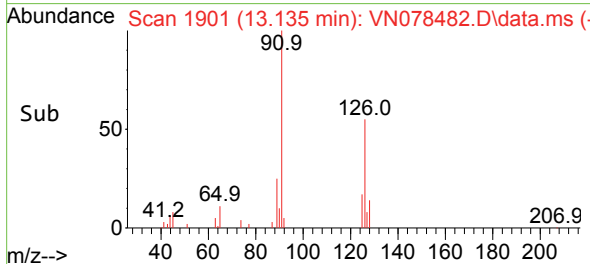
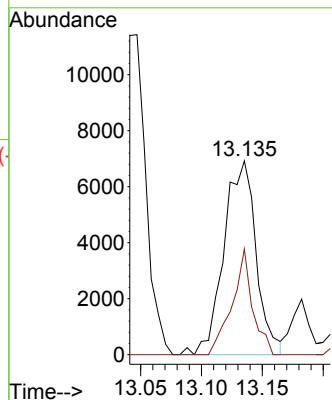
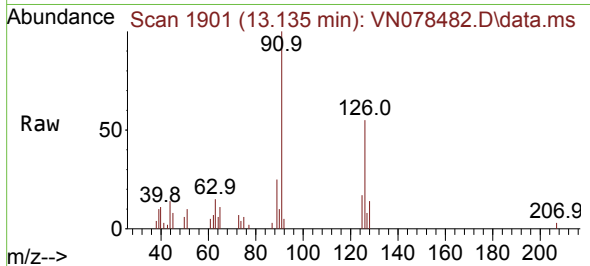




#79
2-Chlorotoluene
Concen: 1.128 ug/l
RT: 13.135 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

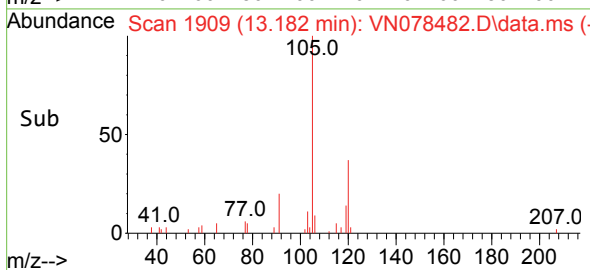
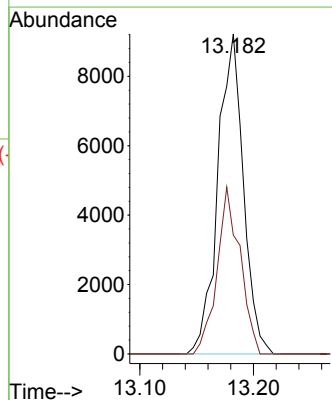
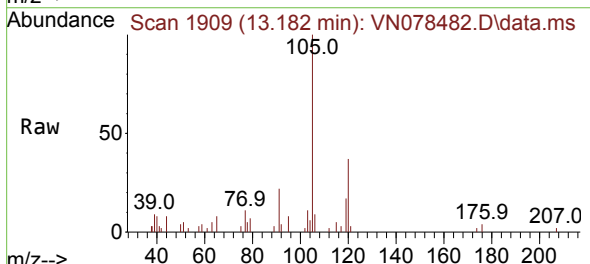
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

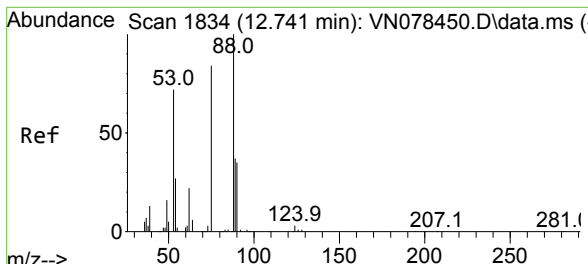
Tgt Ion: 91 Resp: 12759
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 1.127 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 105 Resp: 14377
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3

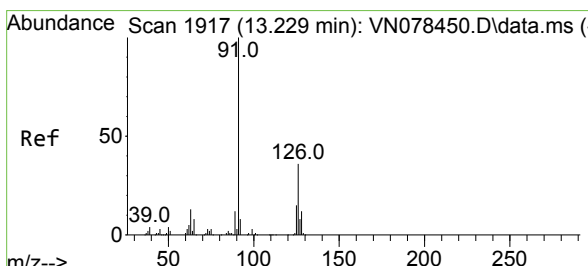
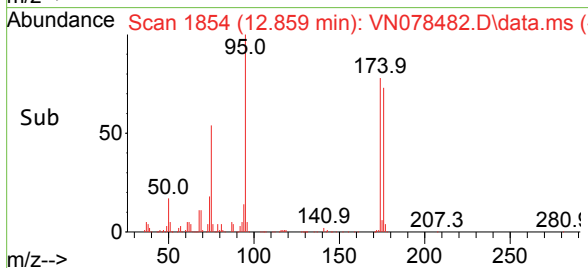
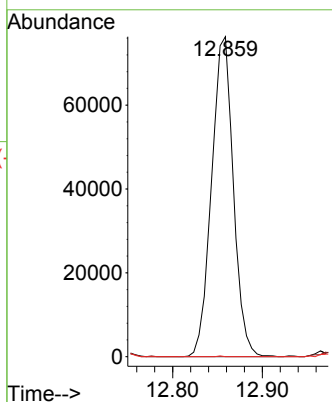
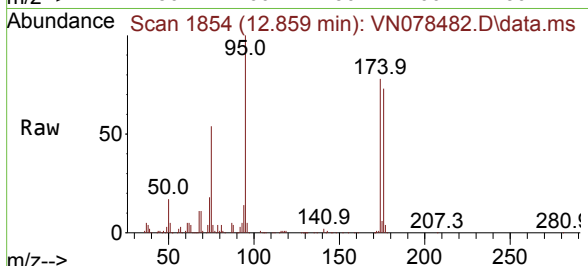




#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.288 ug/l
 RT: 12.859 min Scan# 1854
 Delta R.T. 0.118 min
 Lab File: VN078482.D
 Acq: 12 Jul 2023 16:00

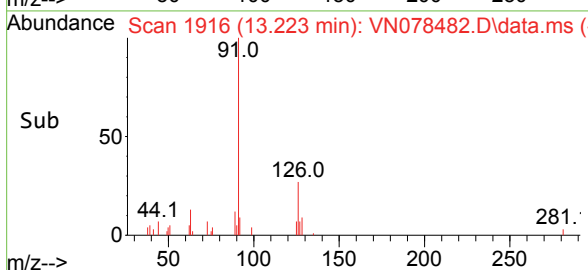
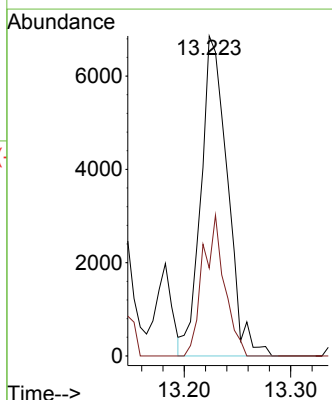
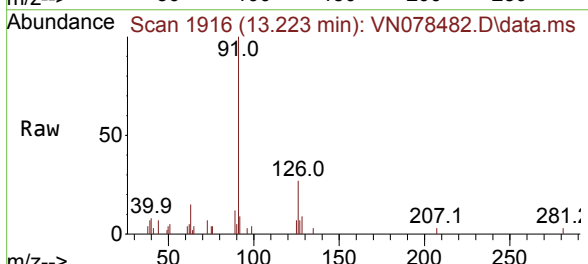
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT3-2023

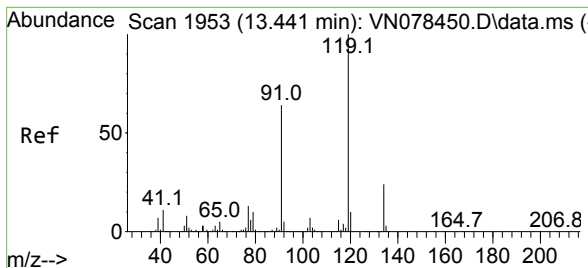
Tgt Ion: 75 Resp: 128518
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.1 38.8 58.2#



#82
 4-Chlorotoluene
 Concen: 1.126 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: VN078482.D
 Acq: 12 Jul 2023 16:00

Tgt Ion: 91 Resp: 11885
 Ion Ratio Lower Upper
 91 100
 126 36.1 16.7 50.0





#83

tert-Butylbenzene

Concen: 1.116 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

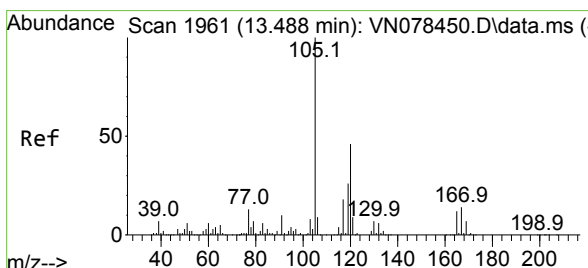
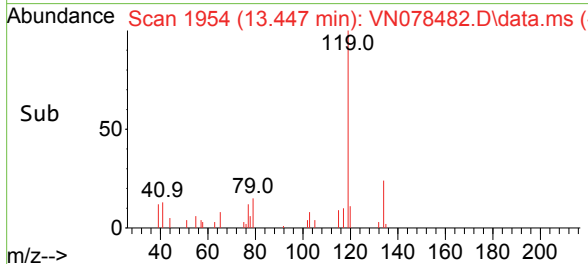
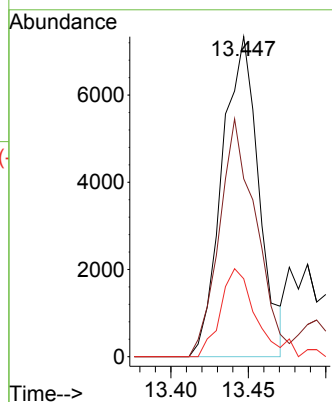
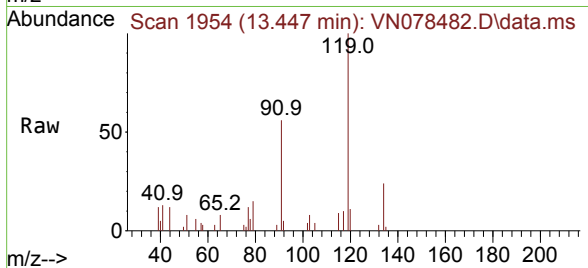
Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:	119	Resp:	12092
Ion Ratio	Lower	Upper	
119	100		
91	74.5	33.9	101.7
134	27.4	13.2	39.6



#84

1,2,4-Trimethylbenzene

Concen: 0.929 ug/l

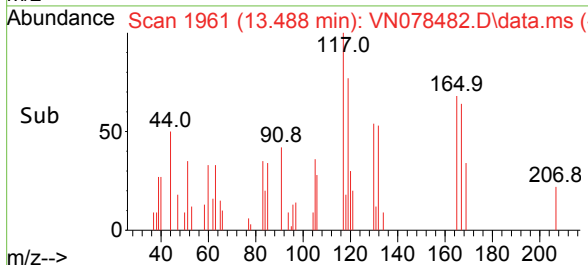
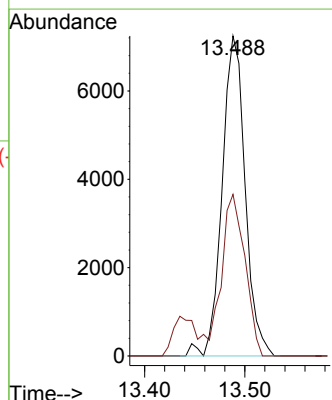
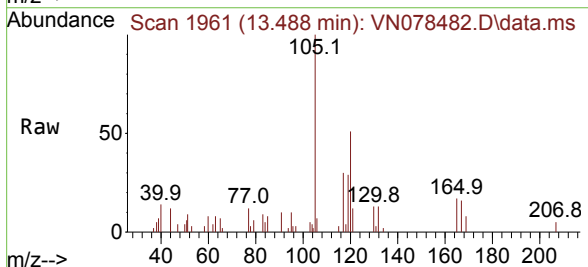
RT: 13.488 min Scan# 1961

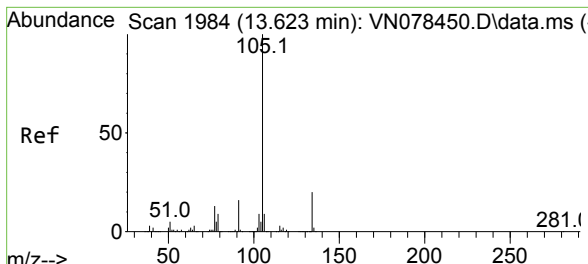
Delta R.T. 0.000 min

Lab File: VN078482.D

Acq: 12 Jul 2023 16:00

Tgt Ion:	105	Resp:	11518
Ion Ratio	Lower	Upper	
105	100		
120	50.4	22.0	66.0

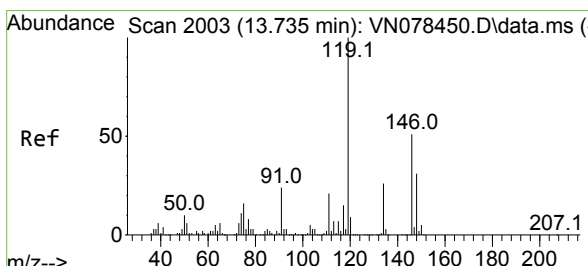
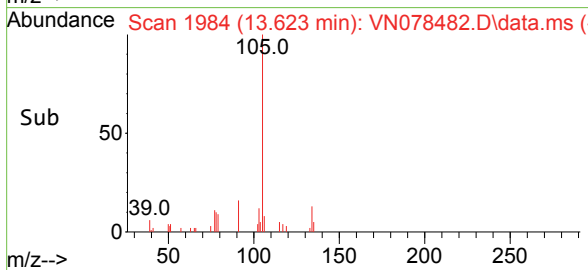
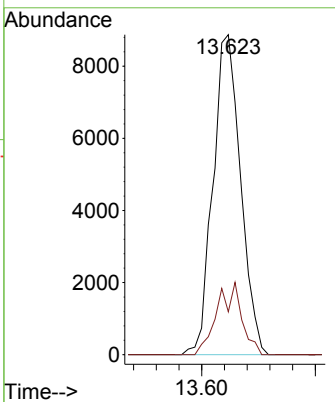
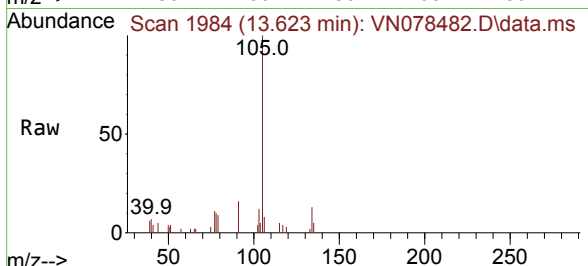




#85
 sec-Butylbenzene
 Concen: 1.091 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078482.D
 Acq: 12 Jul 2023 16:00

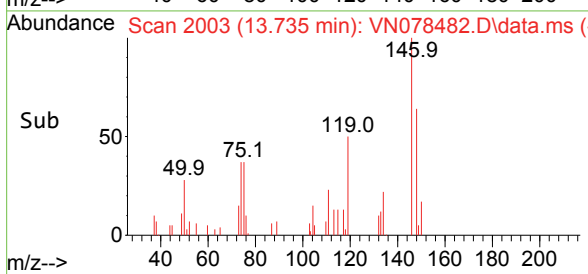
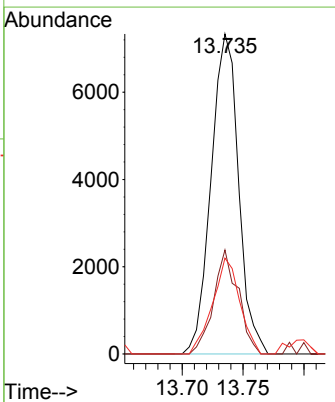
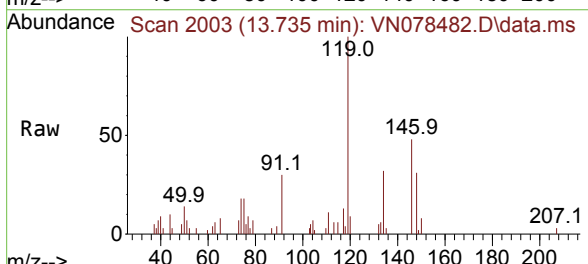
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT3-2023

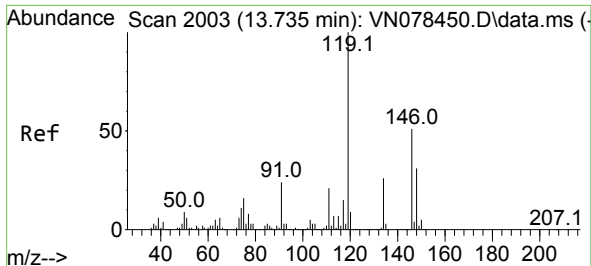
Tgt Ion:	105	Resp:	14946
Ion Ratio	Lower	Upper	
105	100		
134	20.2	9.8	29.3



#86
 p-Isopropyltoluene
 Concen: 1.046 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078482.D
 Acq: 12 Jul 2023 16:00

Tgt Ion:	119	Resp:	11502
Ion Ratio	Lower	Upper	
119	100		
134	29.1	12.6	37.8
91	29.8	12.4	37.2

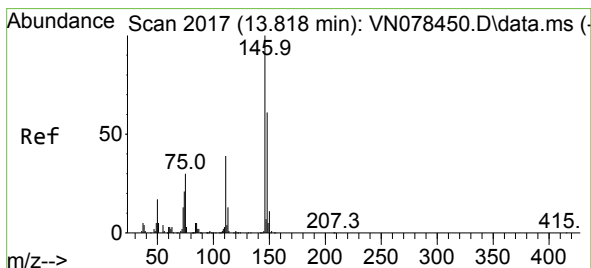
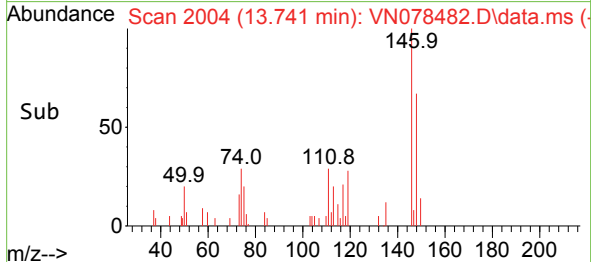
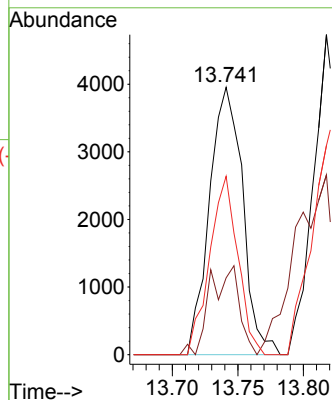
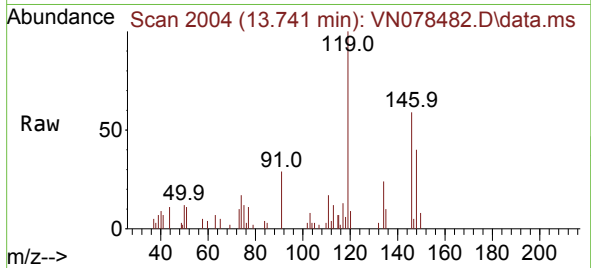




#87
1,3-Dichlorobenzene
Concen: 1.126 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

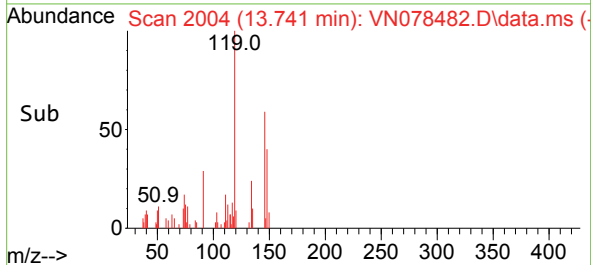
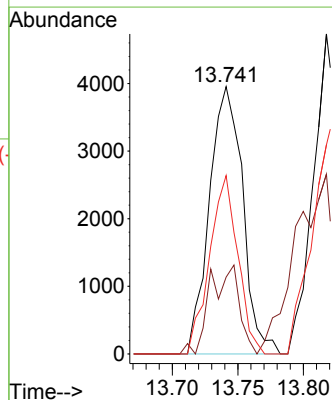
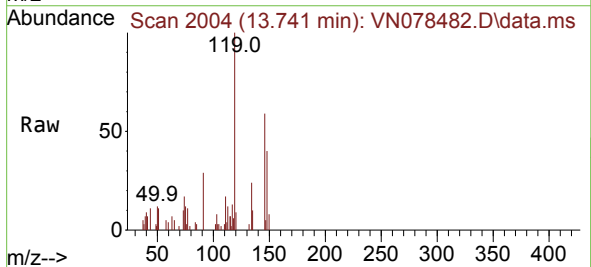
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

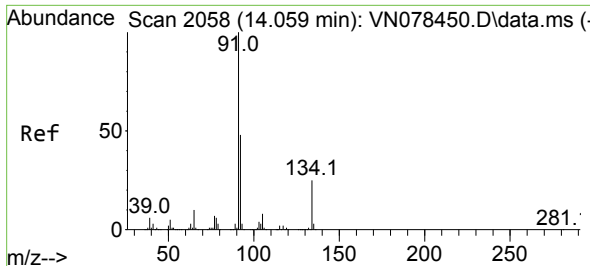
Tgt Ion:146 Resp: 6984
Ion Ratio Lower Upper
146 100
111 29.0 22.1 66.3
148 56.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 1.118 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.077 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion:146 Resp: 6984
Ion Ratio Lower Upper
146 100
111 29.0 20.6 61.8
148 56.7 31.6 94.8

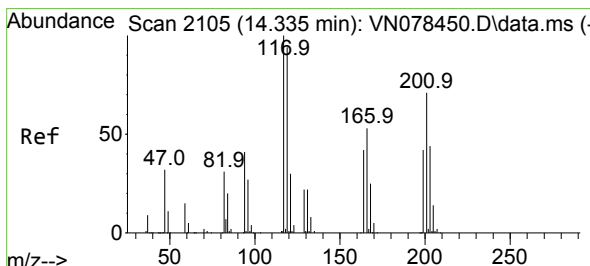
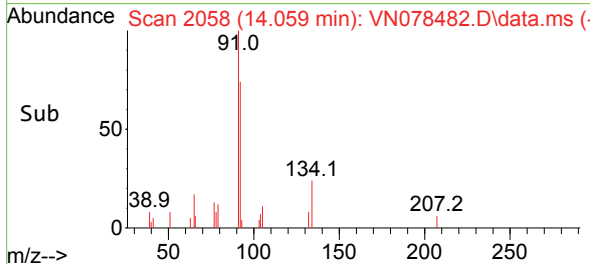
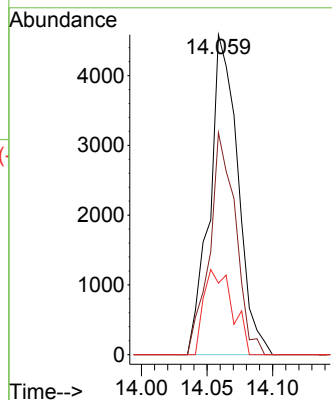
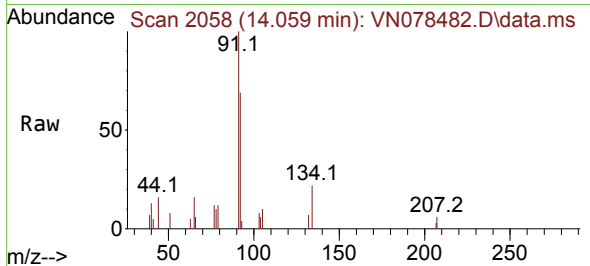




#89
n-Butylbenzene
Concen: 0.873 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

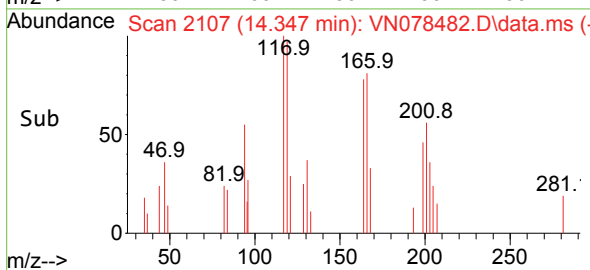
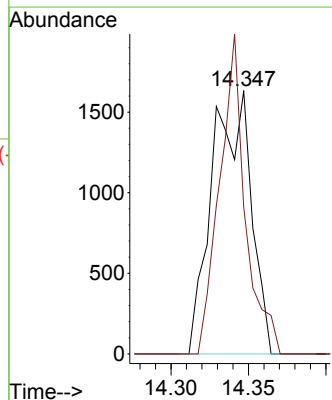
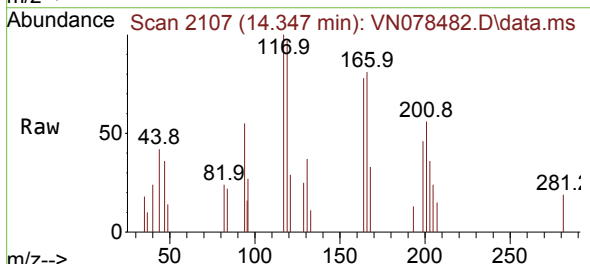
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

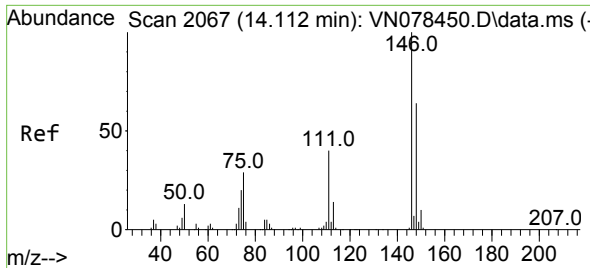
Tgt Ion: 91	Resp: 6865
Ion Ratio	Lower Upper
91 100	
92 64.0	26.4 79.0
134 27.0	12.6 37.6



#90
Hexachloroethane
Concen: 1.232 ug/l
RT: 14.347 min Scan# 2107
Delta R.T. 0.012 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion: 117	Resp: 2862
Ion Ratio	Lower Upper
117 100	
201 79.7	29.3 88.0

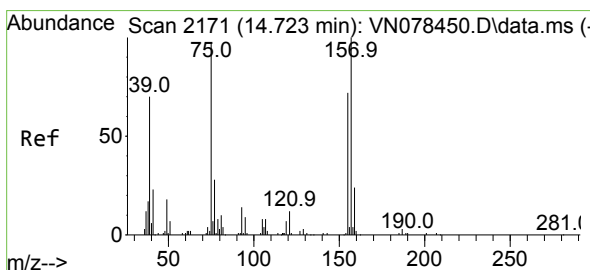
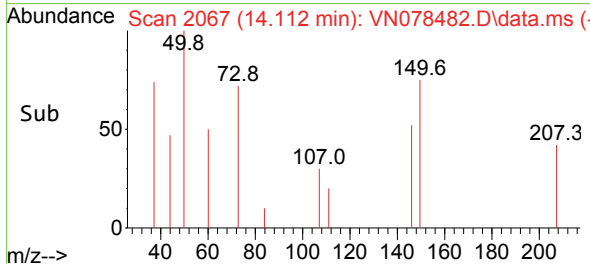
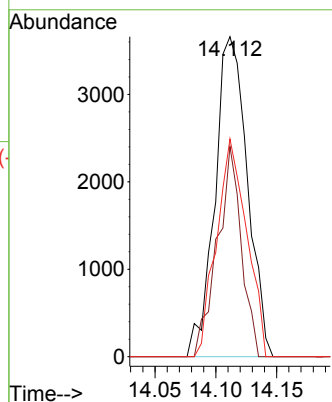
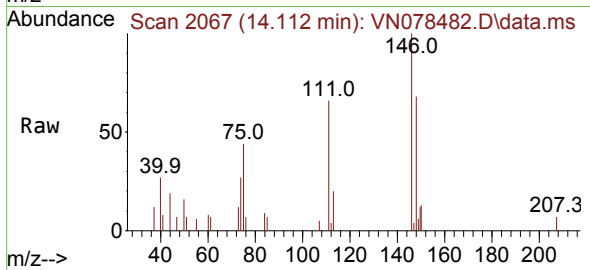




#91
 1,2-Dichlorobenzene
 Concen: 1.101 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078482.D
 Acq: 12 Jul 2023 16:00

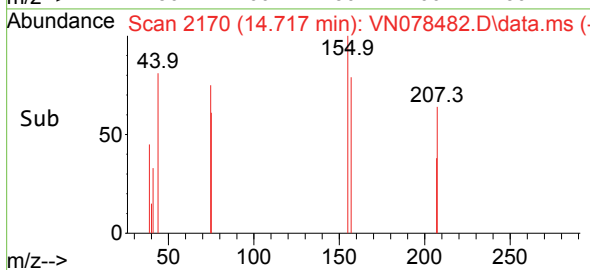
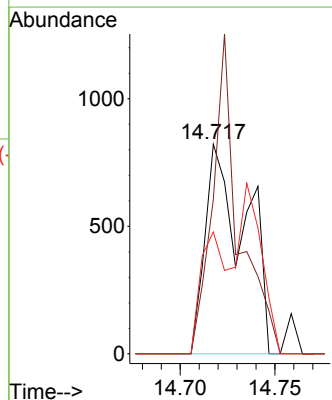
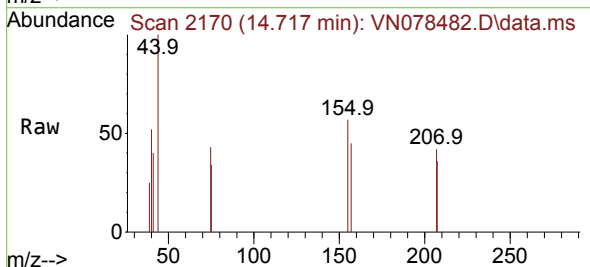
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT3-2023

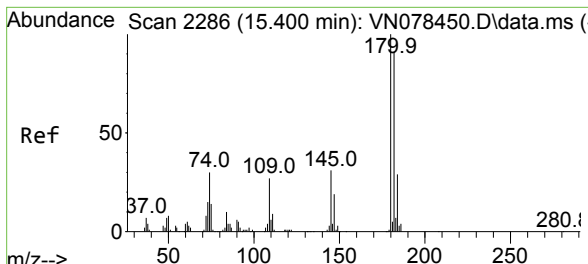
Tgt Ion:146	Resp:	6796
Ion Ratio	Lower	Upper
146	100	
111	48.6	22.0 66.0
148	63.3	31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.331 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN078482.D
 Acq: 12 Jul 2023 16:00

Tgt Ion: 75	Resp:	1197
Ion Ratio	Lower	Upper
75	100	
155	99.9	39.1 117.2
157	35.1	50.3 150.9#

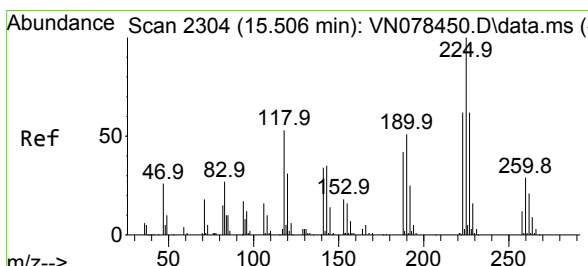
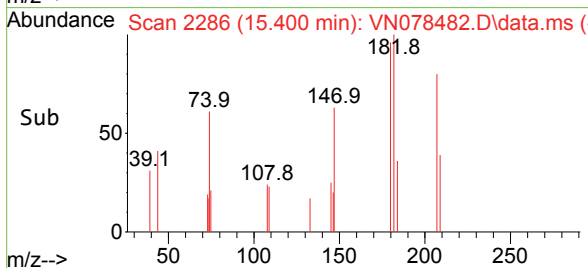
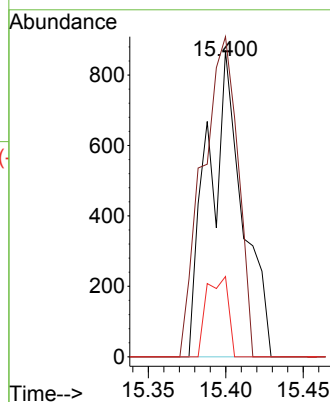
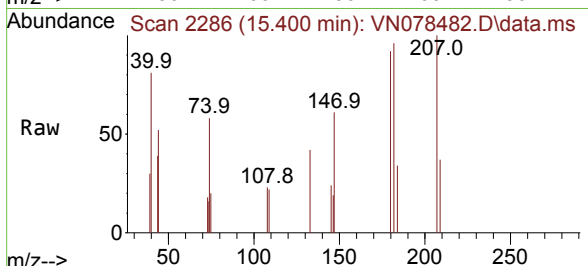




#93
 1,2,4-Trichlorobenzene
 Concen: 0.686 ug/l
 RT: 15.400 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VN078482.D
 Acq: 12 Jul 2023 16:00

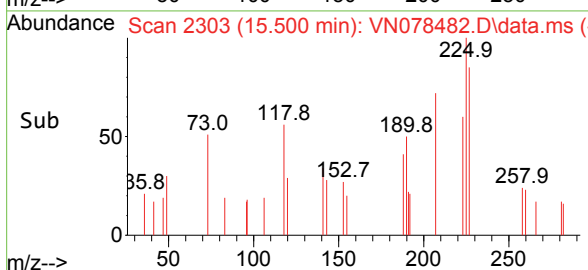
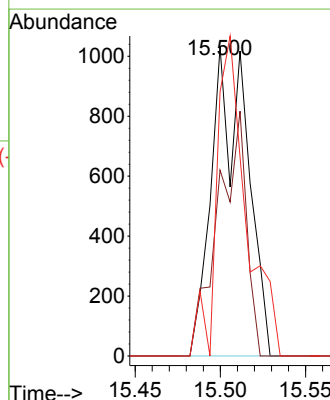
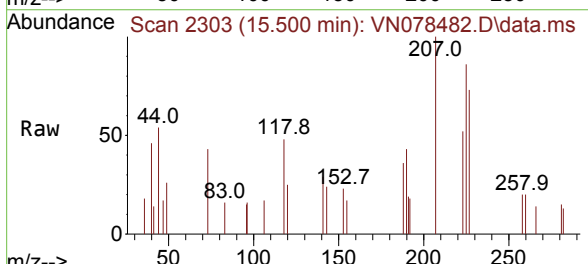
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT3-2023

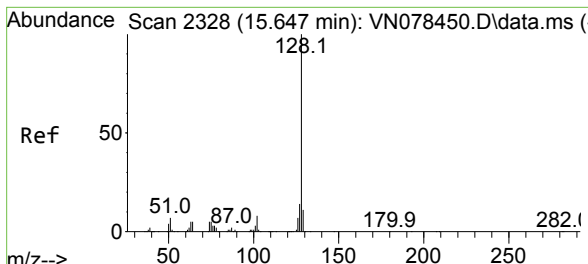
Tgt Ion:	180	Resp:	1351
Ion Ratio	Lower	Upper	
180	100		
182	106.5	46.1	138.2
145	16.4	16.6	49.8#



#94
 Hexachlorobutadiene
 Concen: 1.152 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN078482.D
 Acq: 12 Jul 2023 16:00

Tgt Ion:	225	Resp:	1485
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.3	93.8
227	86.9	31.9	95.9

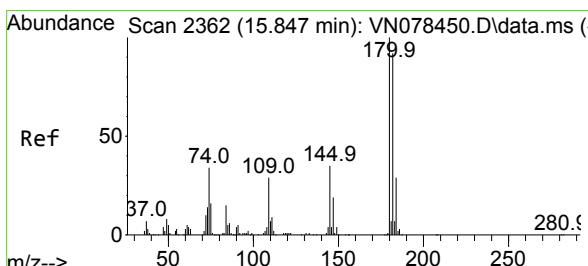
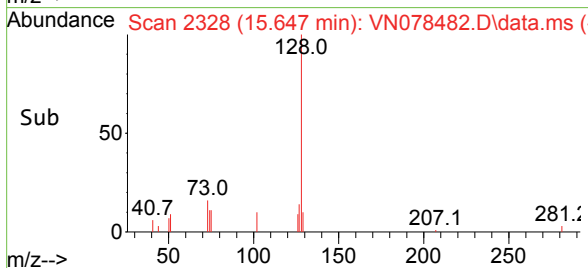
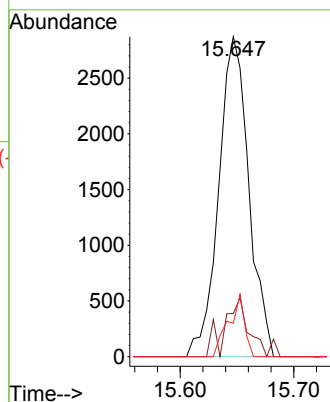
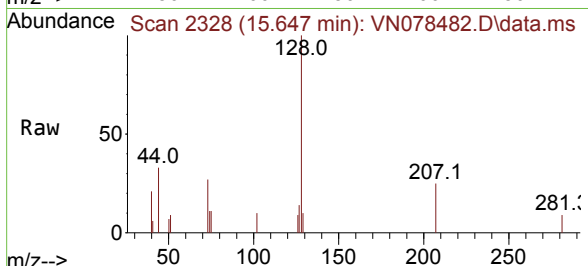




#95
Naphthalene
Concen: 0.785 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion:128 Resp: 5282
Ion Ratio Lower Upper
128 100
127 15.7 10.0 15.0#
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.022 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.006 min
Lab File: VN078482.D
Acq: 12 Jul 2023 16:00

Tgt Ion:180 Resp: 2314
Ion Ratio Lower Upper
180 100
182 78.5 46.2 138.6
145 18.3 17.5 52.6

