

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078735.D
 Acq On : 02 Aug 2023 17:14
 Operator : JC\MD
 Sample : 03572-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 03 05:33:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	94908	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	511630	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	435672	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	210419	29.577	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.600%
60) 4-Bromofluorobenzene	12.853	95	163267	25.006	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.367%
63) Toluene-d8	10.570	98	644339	29.939	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	32466	5.423	ug/l	99
3) Chloromethane	2.371	50	47924	6.503	ug/l	98
4) Vinyl Chloride	2.524	62	59401	5.932	ug/l #	87
5) Bromomethane	2.959	94	36007	4.810	ug/l	97
6) Chloroethane	3.124	64	30824	4.726	ug/l	99
7) Trichlorofluoromethane	3.500	101	54342	5.290	ug/l	99
8) Diethyl Ether	3.983	74	15969	4.761	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	16230	2.943	ug/l	75
10) 1,1-Dichloroethene	4.341	96	26799	5.068	ug/l	83
11) Methyl Iodide	4.594	142	19840	2.669	ug/l	78
12) Methyl Acetate	5.047	43	23757	2.770	ug/l #	78
13) Acrolein	4.194	56	23209	25.412	ug/l #	70
14) Acrylonitrile	5.730	53	28791	11.464	ug/l #	4
15) Acetone	4.441	58	17246	23.702	ug/l	88
16) Carbon Disulfide	4.718	76	73142	4.897	ug/l #	94
17) Allyl chloride	5.030	41	14421	1.997	ug/l	95
18) Methylene Chloride	5.288	84	35960	5.669	ug/l #	82
19) trans-1,2-Dichloroethene	5.800	96	29550	4.834	ug/l	90
20) Diisopropyl ether	6.688	45	75397	4.638	ug/l	95
21) 1,1-Dichloroethane	6.583	63	54963	5.106	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	31964	4.656	ug/l	96
23) tert-Butyl Alcohol	5.547	59	27234	26.538	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	82573	4.644	ug/l	93
25) Chloroform	7.977	83	56488	4.957	ug/l	100
26) Cyclohexane	8.265	56	36560	4.611	ug/l #	99
29) 1,1-Dichloropropene	8.382	75	37169	4.937	ug/l	95
30) 2-Butanone	7.500	43	79251	26.630	ug/l	95
31) 2,2-Dichloropropane	7.506	77	43707	5.060	ug/l #	83
32) 1,1,1-Trichloroethane	8.182	97	53481	5.615	ug/l	97
33) Carbon Tetrachloride	8.365	117	45757	5.409	ug/l	91
34) Benzene	8.618	78	121958	5.393	ug/l #	93
35) Methacrylonitrile	7.794	41	16016	4.901	ug/l	83
36) 1,2-Dichloroethane	8.677	62	43808	5.516	ug/l #	87
37) Trichloroethene	9.359	130	33431	5.268	ug/l	99
38) Methylcyclohexane	9.606	83	35386	4.575	ug/l	94
39) 1,2-Dichloropropane	9.629	63	31050	5.122	ug/l	94
40) Dibromomethane	9.718	93	22940	5.467	ug/l	98
41) Bromodichloromethane	9.894	83	44007	5.246	ug/l #	92
42) Vinyl Acetate	6.618	43	226313	23.654	ug/l #	86

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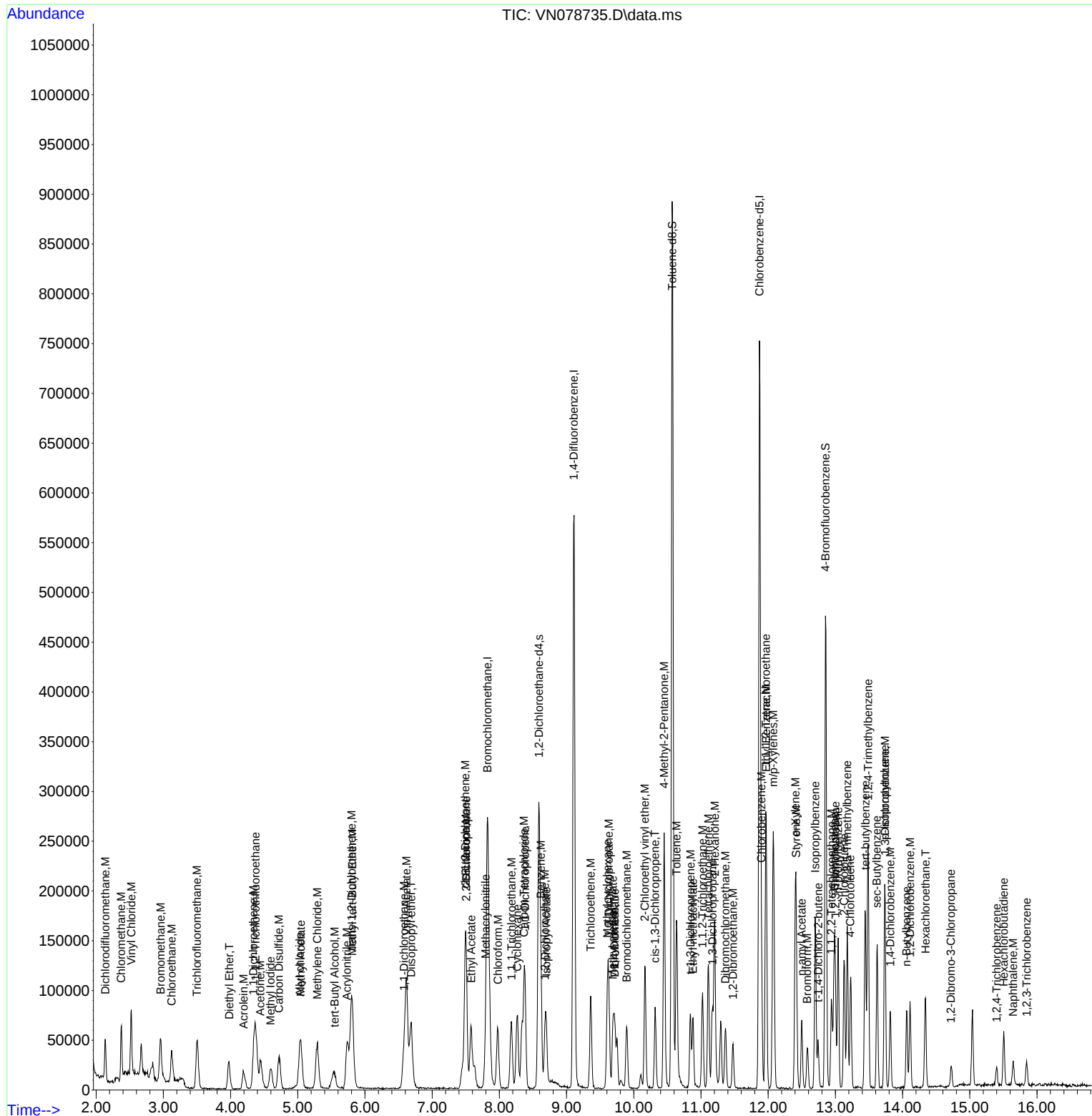
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.582	43	28380	4.613	ug/l #	75
44) Isopropyl Acetate	8.700	43	55157	5.110	ug/l	99
45) 1,4-Dioxane	9.712	88	10580	106.551	ug/l #	85
46) Methyl methacrylate	9.688	41	24291	4.914	ug/l	85
47) n-amyl Acetate	12.500	43	34506	4.151	ug/l	97
48) t-1,3-Dichloropropene	10.847	75	41865	4.676	ug/l #	85
49) cis-1,3-Dichloropropene	10.318	75	47238	4.968	ug/l	95
50) 1,1,2-Trichloroethane	11.023	97	31544	5.311	ug/l	97
51) Ethyl methacrylate	10.882	69	35473	4.362	ug/l	87
52) 1,3-Dichloropropane	11.170	76	49982	4.682	ug/l	99
53) Dibromochloromethane	11.365	129	33161	4.942	ug/l	98
54) 1,2-Dibromoethane	11.476	107	29318	4.916	ug/l	93
55) 2-Chloroethyl vinyl ether	10.165	63	55543	21.435	ug/l	99
56) Bromoform	12.582	173	20118	4.582	ug/l #	35
58) 4-Methyl-2-Pentanone	10.453	43	158361	24.284	ug/l	100
59) 2-Hexanone	11.206	43	108884	22.052	ug/l	98
61) Tetrachloroethene	11.112	164	29093	5.078	ug/l	94
62) Toluene	10.635	91	132777	5.067	ug/l	98
64) Chlorobenzene	11.900	112	76153	4.977	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	32084	5.317	ug/l	98
66) Ethyl Benzene	11.970	91	125730	4.760	ug/l	94
67) m/p-Xylenes	12.076	106	91286	9.048	ug/l	97
68) o-Xylene	12.406	106	41876	4.079	ug/l	93
69) Styrene	12.417	104	61897	3.747	ug/l	98
70) Isopropylbenzene	12.700	105	109536	4.313	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	42033	5.095	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	47773	6.903	ug/l	48
73) Bromobenzene	12.988	156	27835	4.472	ug/l	95
74) n-propylbenzene	13.041	91	113681	4.039	ug/l	99
75) 2-Chlorotoluene	13.129	91	77167	3.970	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	85003	3.749	ug/l	99
77) t-1,4-Dichloro-2-butene	12.747	75	10137	4.191	ug/l	95
78) 4-Chlorotoluene	13.223	91	70415	3.752	ug/l	98
79) tert-butylbenzene	13.447	119	87515	4.484	ug/l	95
80) 1,2,4-Trimethylbenzene	13.488	105	86262	3.983	ug/l	97
81) sec-Butylbenzene	13.617	105	96272	3.849	ug/l	98
82) p-Isopropyltoluene	13.735	119	71922	3.502	ug/l	97
83) 1,3-Dichlorobenzene	13.741	146	34895	3.161	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	30436	2.945	ug/l	96
85) n-Butylbenzene	14.059	91	45035	3.162	ug/l	96
86) Hexachloroethane	14.341	117	17315	4.628	ug/l	91
87) 1,2-Dichlorobenzene	14.111	146	35542	3.440	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.717	75	4639	3.311	ug/l #	73
89) 1,2,4-Trichlorobenzene	15.400	180	6532	2.216	ug/l	87
90) Hexachlorobutadiene	15.505	225	10172	4.530	ug/l	79
91) Naphthalene	15.647	128	21108	2.364	ug/l	96
92) 1,2,3-Trichlorobenzene	15.847	180	8045	2.398	ug/l	91

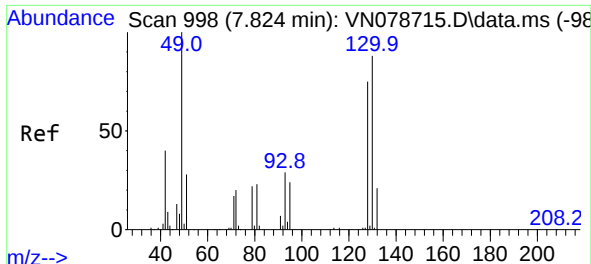
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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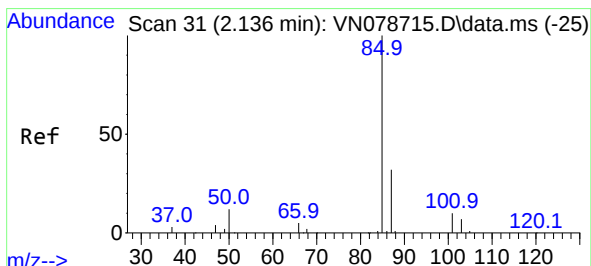
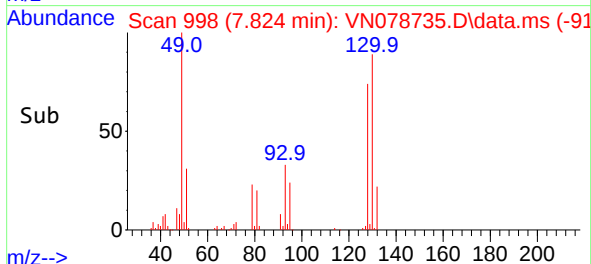
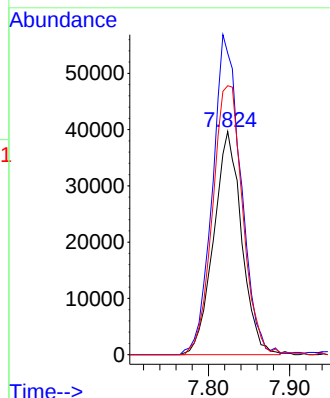
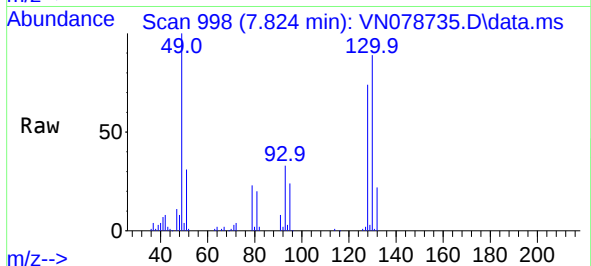




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

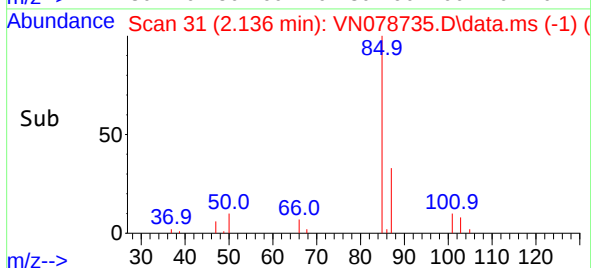
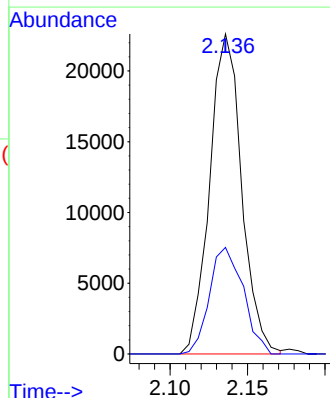
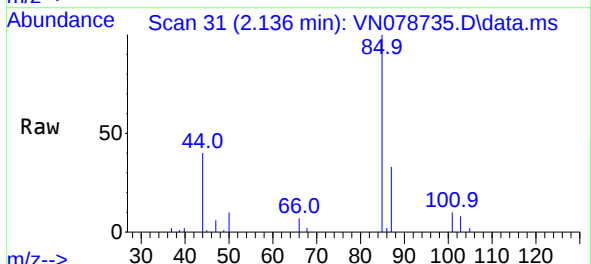
Instrument : MSVOA_N
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Tgt Ion:128 Resp: 94908
Ion Ratio Lower Upper
128 100
49 144.9 0.0 370.8
130 128.9 0.0 307.0

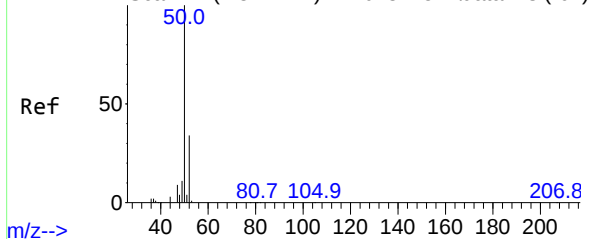


#2
Dichlorodifluoromethane
Concen: 5.423 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 85 Resp: 32466
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.4



Abundance Scan 71 (2.371 min): VN078715.D\data.ms (-64)



#3

Chloromethane

Concen: 6.503 ug/l

RT: 2.371 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

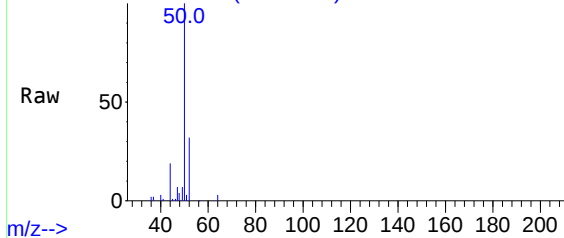
Tgt Ion: 50 Resp: 47924

Ion Ratio Lower Upper

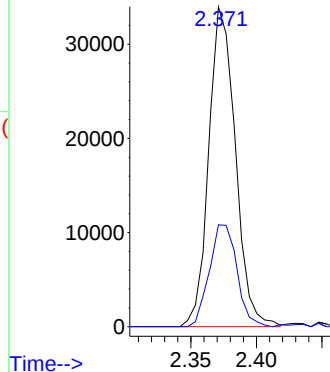
50 100

52 31.9 24.6 36.8

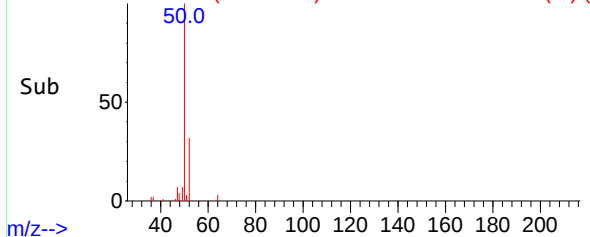
Abundance Scan 71 (2.371 min): VN078735.D\data.ms



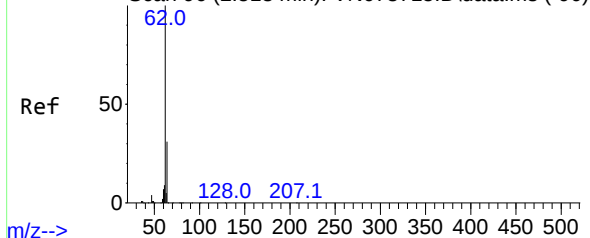
Abundance



Abundance Scan 71 (2.371 min): VN078735.D\data.ms (-1)



Abundance Scan 96 (2.518 min): VN078715.D\data.ms (-90)



#4

Vinyl Chloride

Concen: 5.932 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

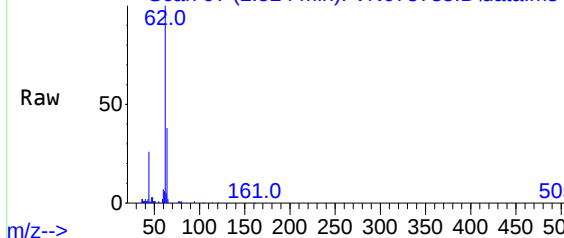
Tgt Ion: 62 Resp: 59401

Ion Ratio Lower Upper

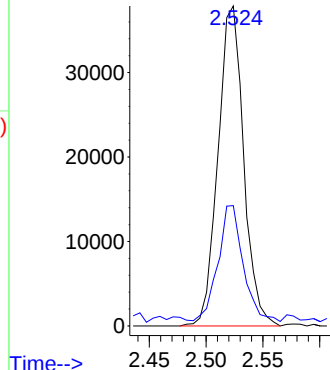
62 100

64 36.2 23.3 34.9

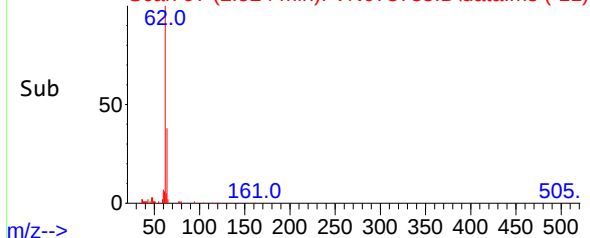
Abundance Scan 97 (2.524 min): VN078735.D\data.ms

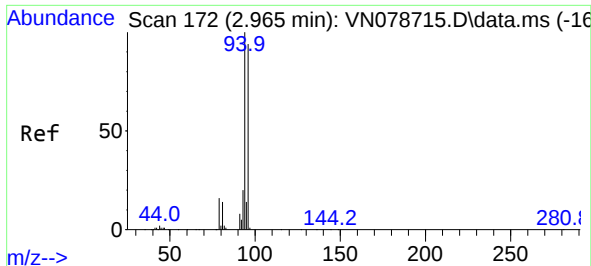


Abundance



Abundance Scan 97 (2.524 min): VN078735.D\data.ms (-11)

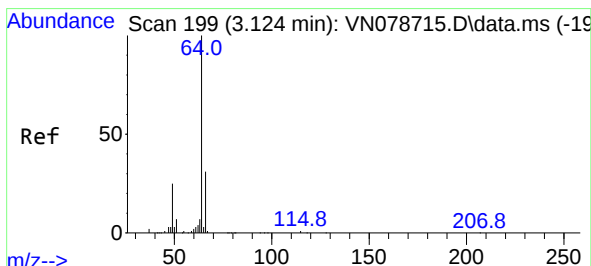
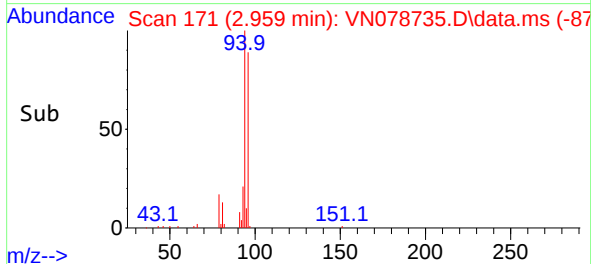
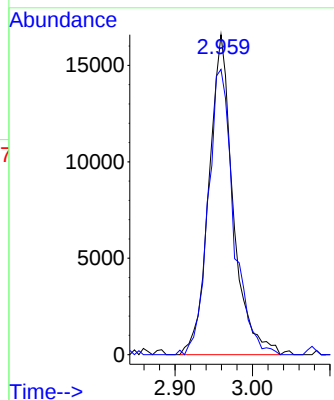
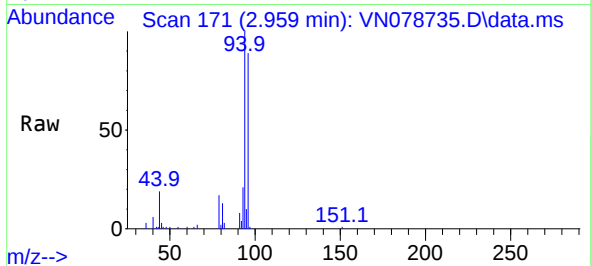




#5
Bromomethane
Concen: 4.810 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

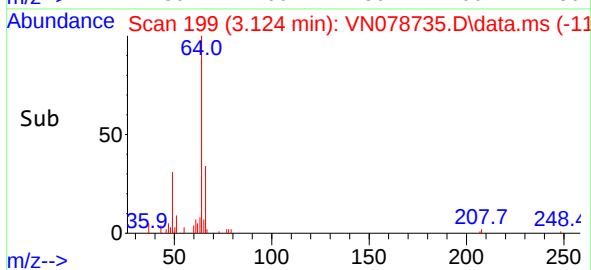
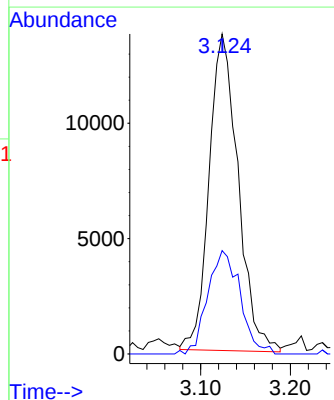
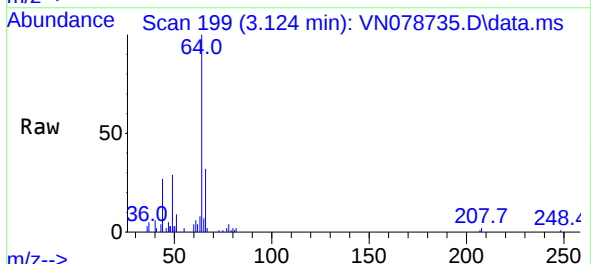
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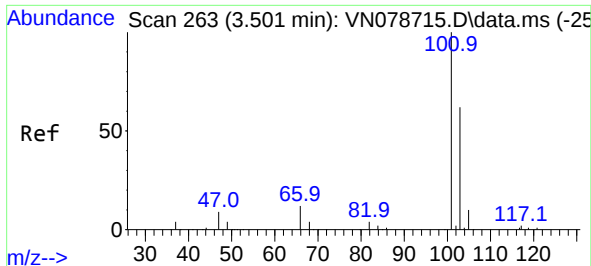
Tgt Ion: 94 Resp: 36007
Ion Ratio Lower Upper
94 100
96 89.2 73.9 110.9



#6
Chloroethane
Concen: 4.726 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 64 Resp: 30824
Ion Ratio Lower Upper
64 100
66 32.9 25.7 38.5

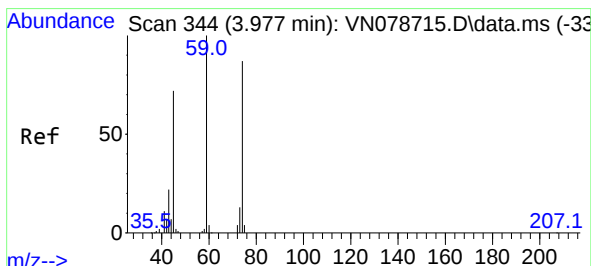
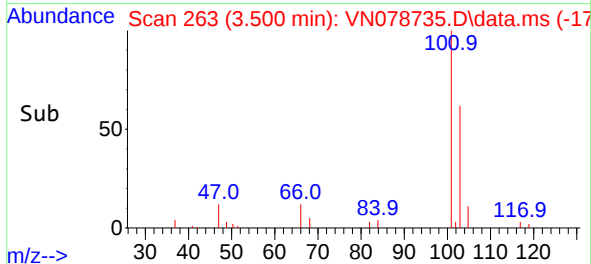
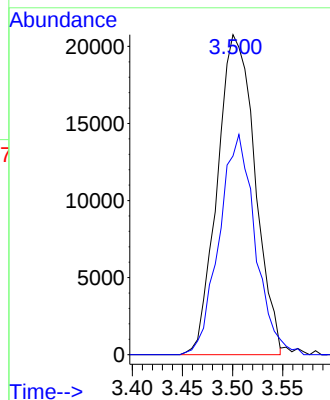
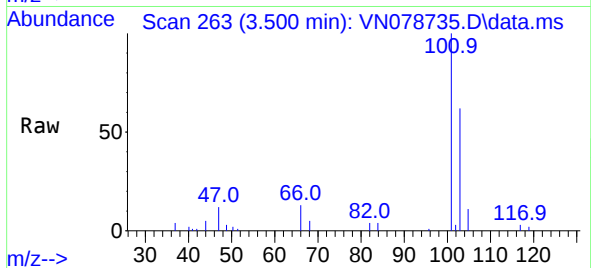




#7
Trichlorofluoromethane
Concen: 5.290 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

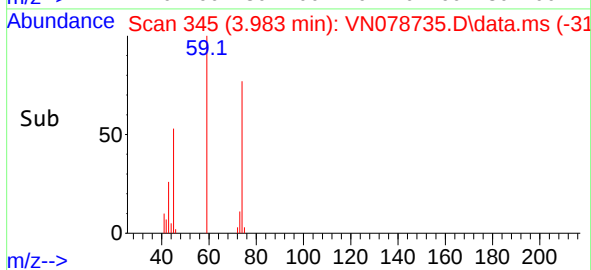
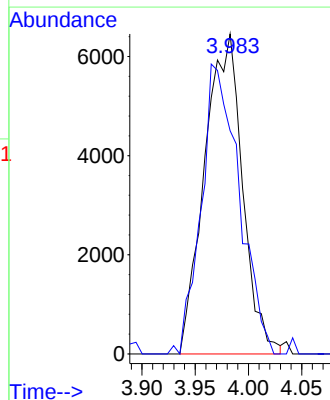
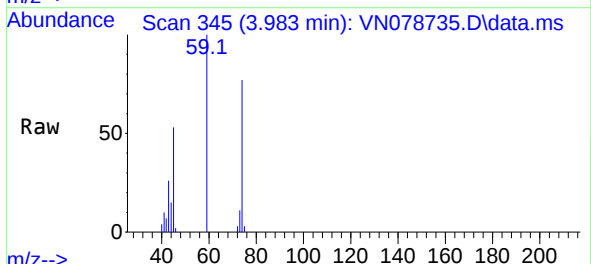
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

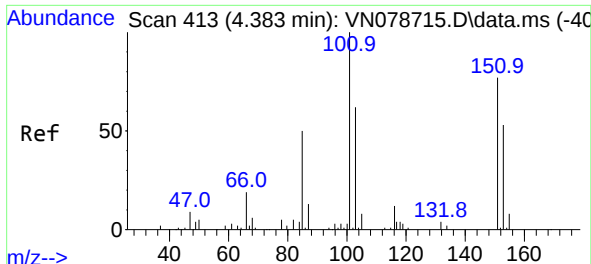
Tgt Ion:101 Resp: 54342
Ion Ratio Lower Upper
101 100
103 62.1 50.4 75.6



#8
Diethyl Ether
Concen: 4.761 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 74 Resp: 15969
Ion Ratio Lower Upper
74 100
45 90.4 16.3 146.5

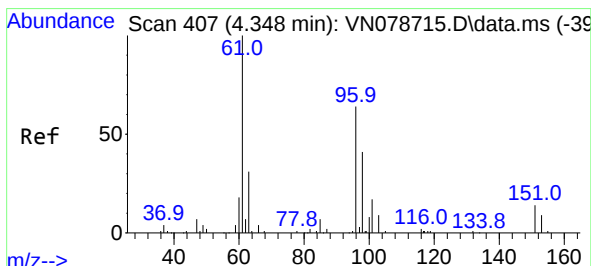
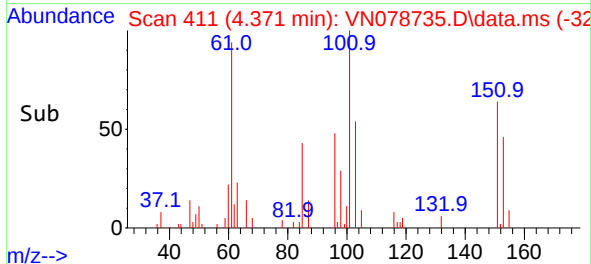
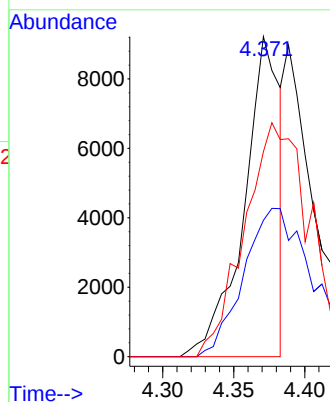
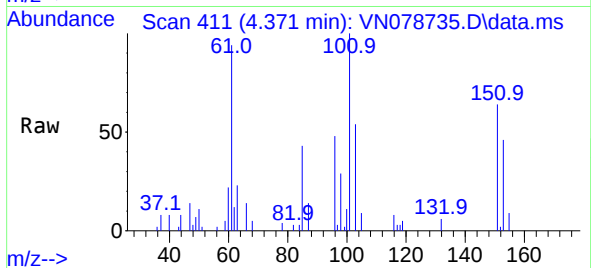




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.943 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

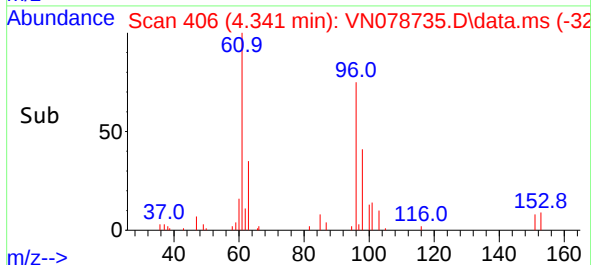
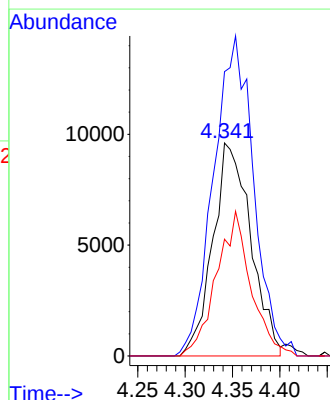
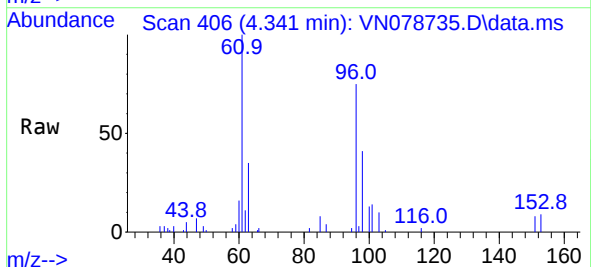
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

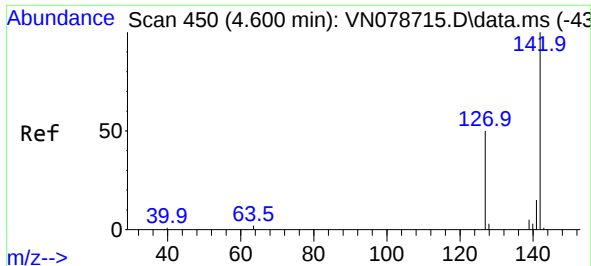
Tgt Ion:101 Resp: 16230
Ion Ratio Lower Upper
101 100
85 85.2 0.0 89.2
151 76.7 0.0 148.8



#10
1,1-Dichloroethene
Concen: 5.068 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 96 Resp: 26799
Ion Ratio Lower Upper
96 100
61 131.6 123.4 185.2
98 54.9 53.7 80.5

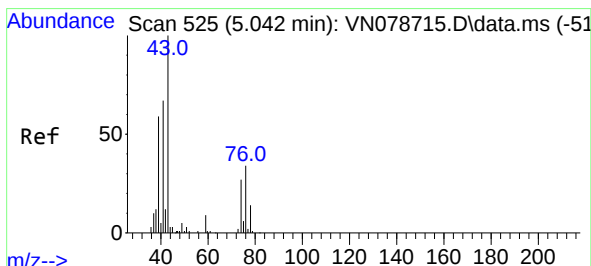
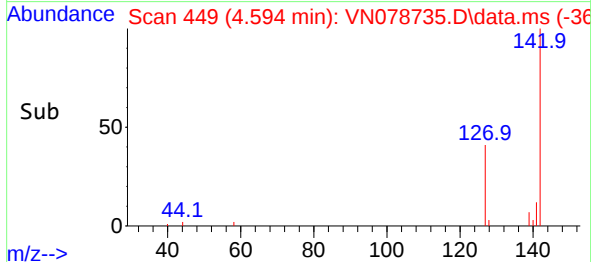
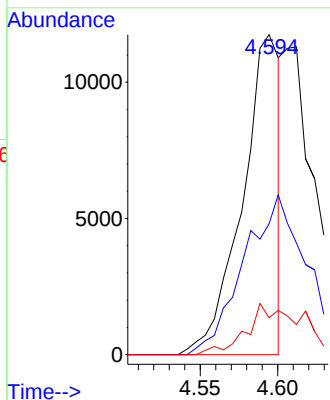
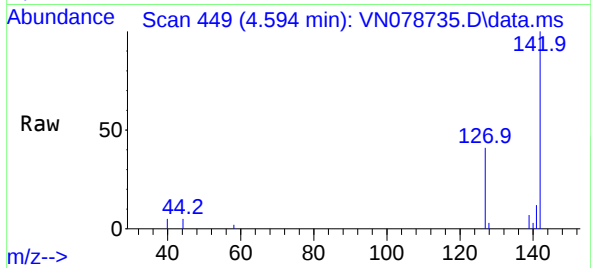




#11
Methyl Iodide
Concen: 2.669 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

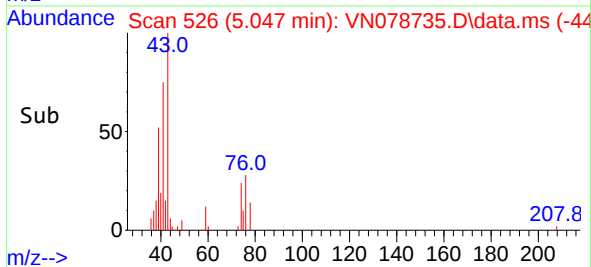
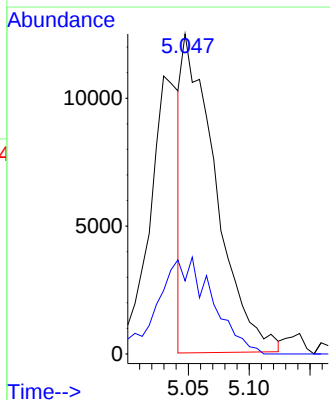
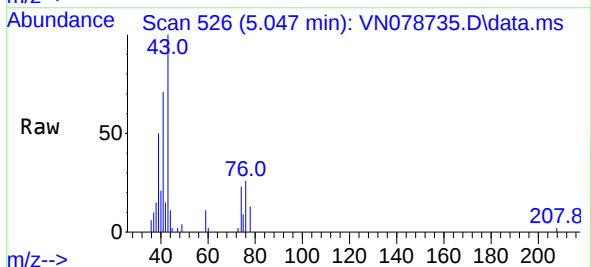
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

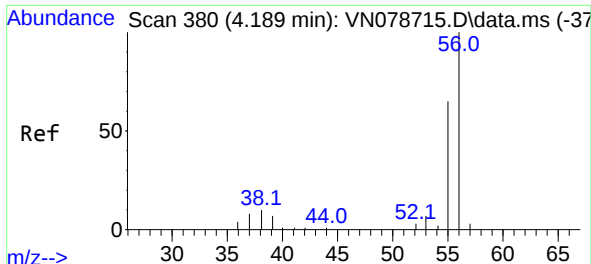
Tgt Ion:142 Resp: 19840
Ion Ratio Lower Upper
142 100
127 29.8 23.2 69.5
141 8.6 7.2 21.7



#12
Methyl Acetate
Concen: 2.770 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 43 Resp: 23757
Ion Ratio Lower Upper
43 100
74 14.3 20.5 30.7#

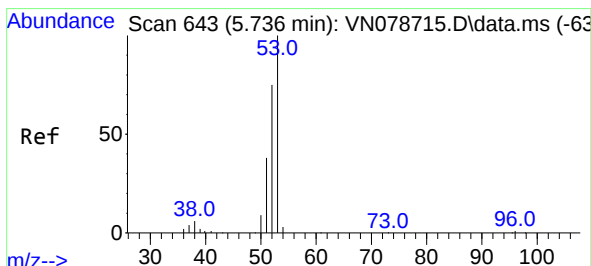
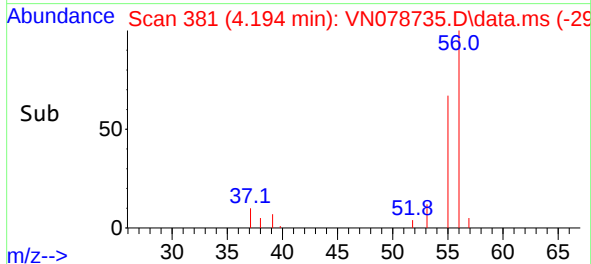
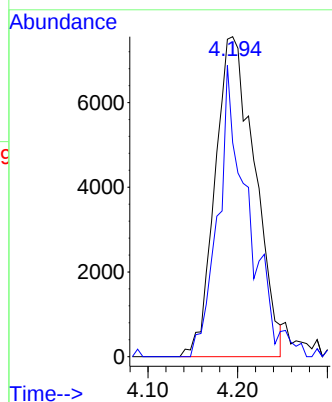
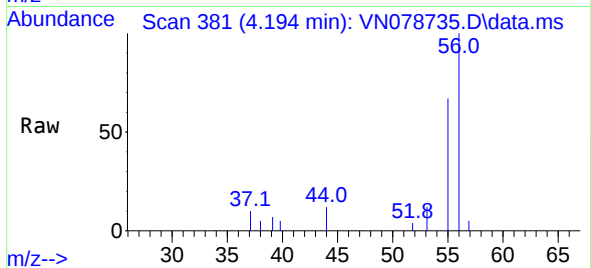




#13
Acrolein
Concen: 25.412 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

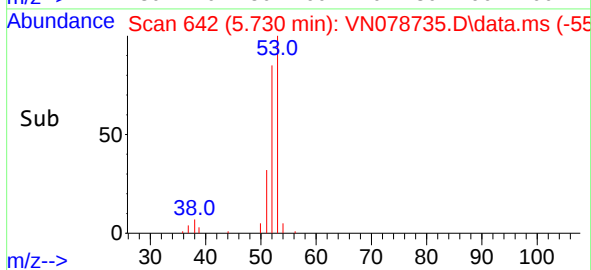
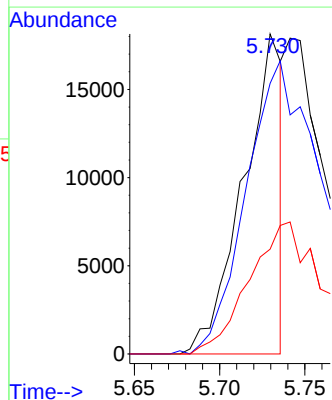
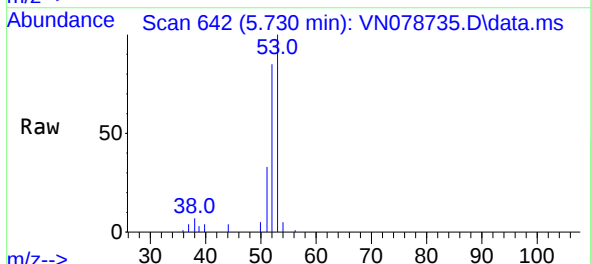
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

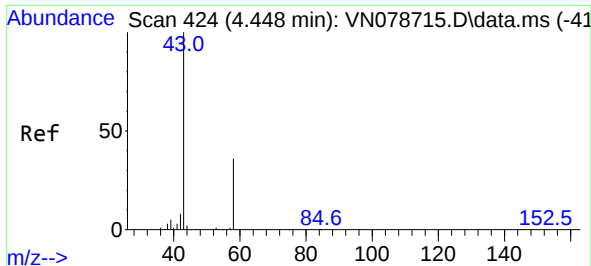
Tgt Ion: 56 Resp: 23209
Ion Ratio Lower Upper
56 100
55 48.2 59.0 88.4#



#14
Acrylonitrile
Concen: 11.464 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 53 Resp: 28791
Ion Ratio Lower Upper
53 100
52 182.2 42.3 126.9#
51 78.2 18.4 55.4#

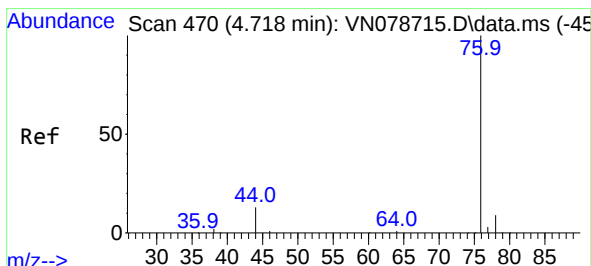
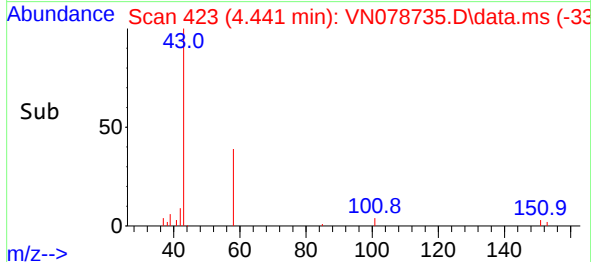
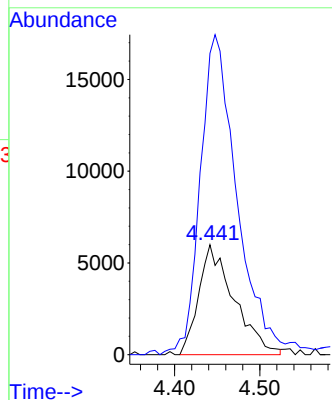
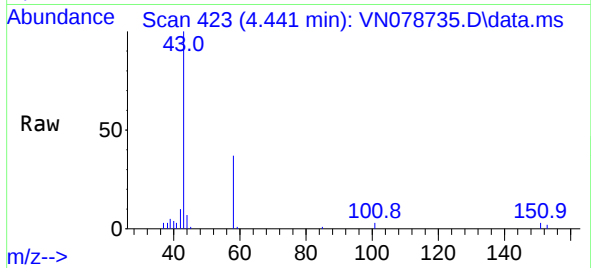




#15
Acetone
Concen: 23.702 ug/l
RT: 4.441 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

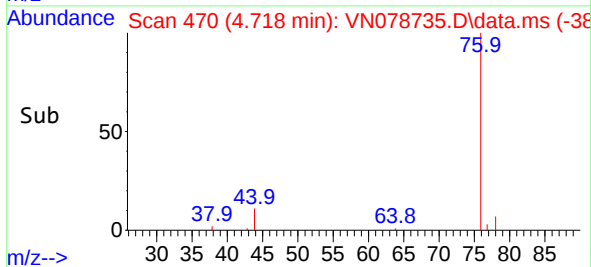
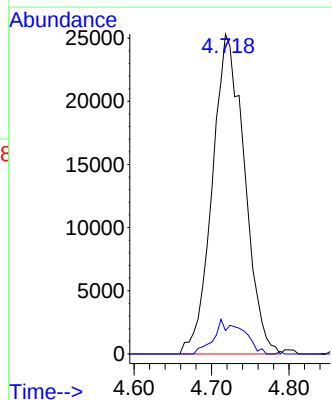
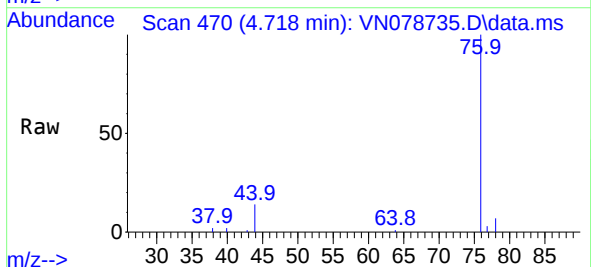
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

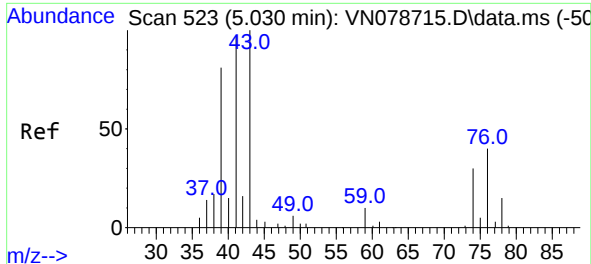
Tgt Ion: 58 Resp: 17246
Ion Ratio Lower Upper
58 100
43 262.3 227.5 341.3



#16
Carbon Disulfide
Concen: 4.897 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 76 Resp: 73142
Ion Ratio Lower Upper
76 100
78 7.3 7.7 11.5#





#17

Allyl chloride

Concen: 1.997 ug/l

RT: 5.030 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

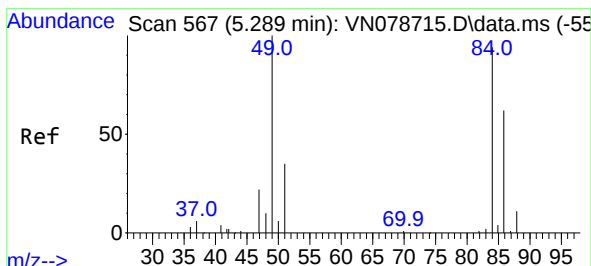
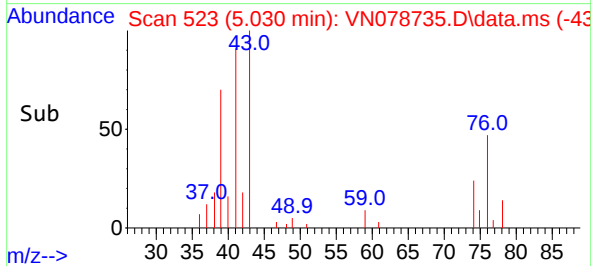
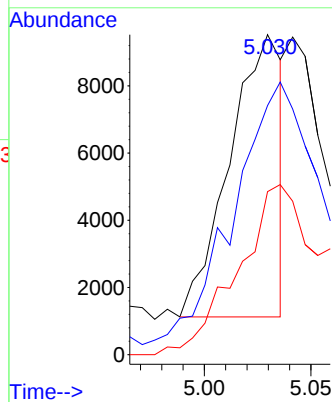
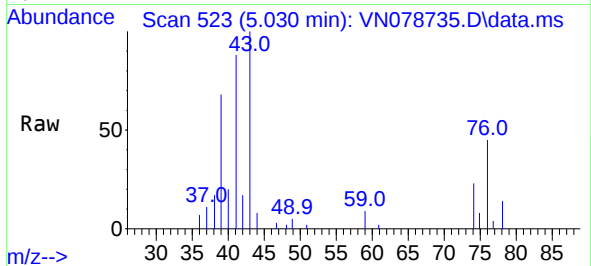
Tgt Ion: 41 Resp: 14421

Ion Ratio Lower Upper

41 100

39 75.4 37.6 112.8

76 55.4 23.8 71.4



#18

Methylene Chloride

Concen: 5.669 ug/l

RT: 5.288 min Scan# 567

Delta R.T. -0.000 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Tgt Ion: 84 Resp: 35960

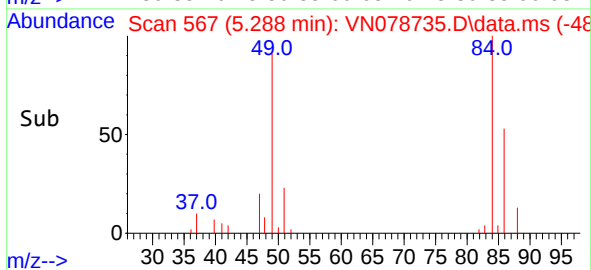
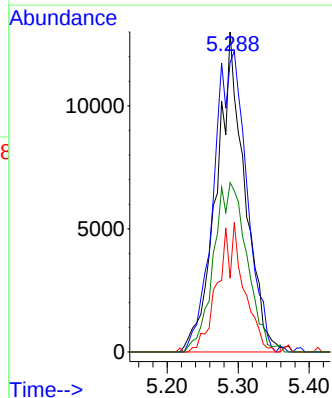
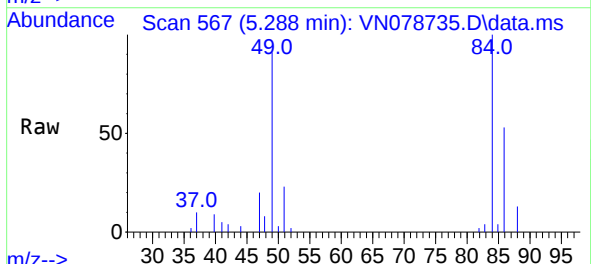
Ion Ratio Lower Upper

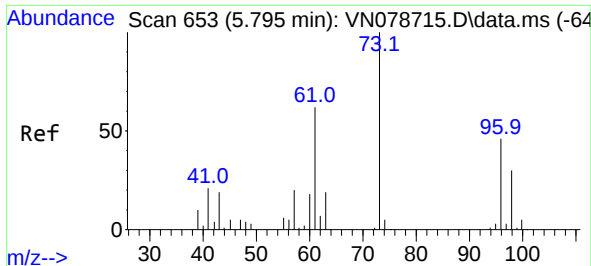
84 100

49 90.5 88.1 132.1

51 23.1 24.0 36.0#

86 52.9 53.8 80.8#

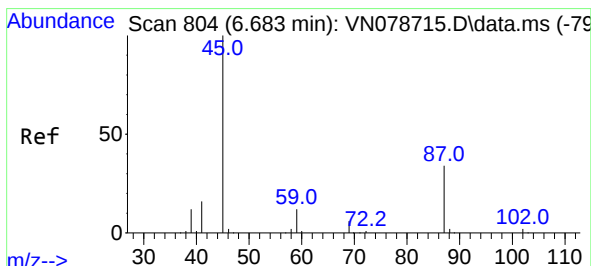
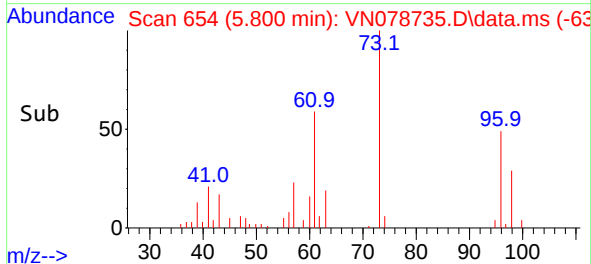
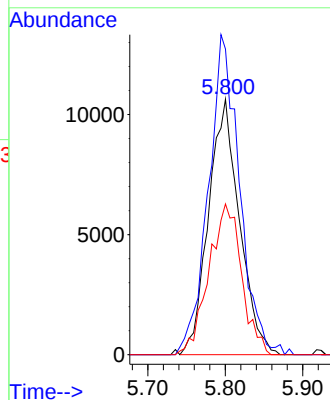
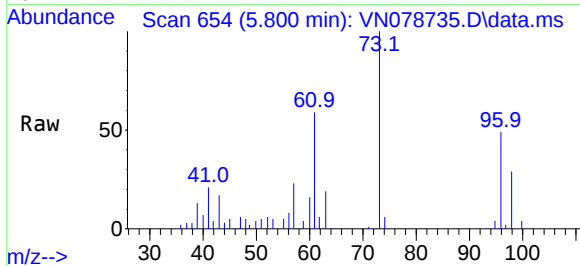




#19
trans-1,2-Dichloroethene
Concen: 4.834 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

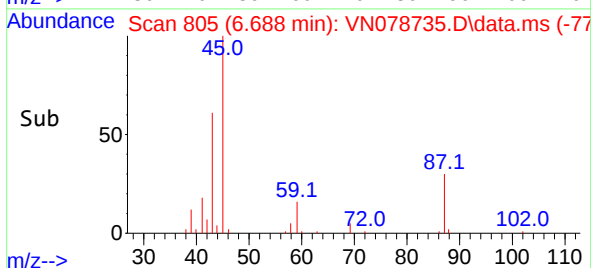
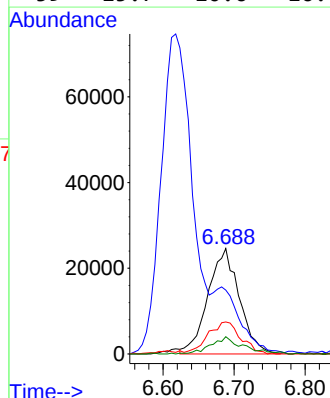
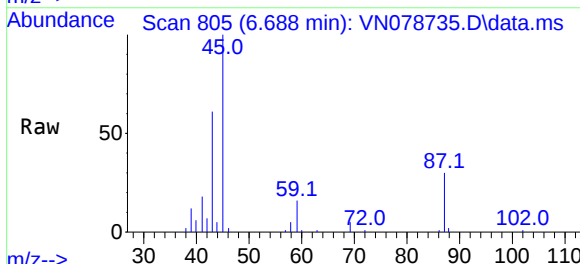
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

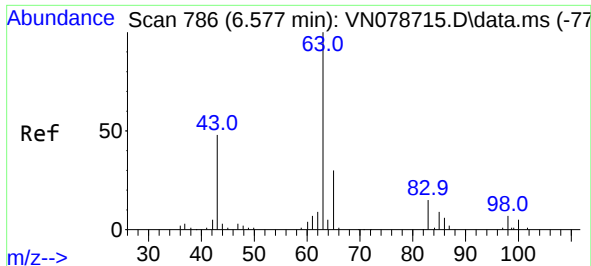
Tgt Ion: 96 Resp: 29550
Ion Ratio Lower Upper
96 100
61 116.6 105.2 157.8
98 59.0 50.5 75.7



#20
Diisopropyl ether
Concen: 4.638 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 45 Resp: 75397
Ion Ratio Lower Upper
45 100
43 58.6 43.6 65.4
87 30.6 25.8 38.6
59 15.7 10.6 16.0





#21

1,1-Dichloroethane

Concen: 5.106 ug/l

RT: 6.583 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

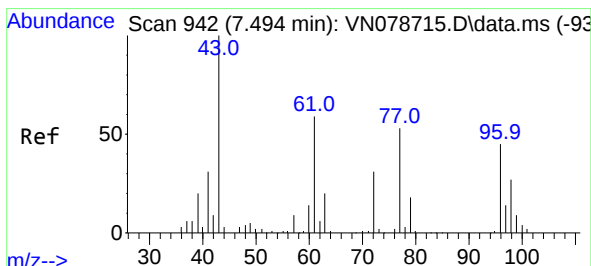
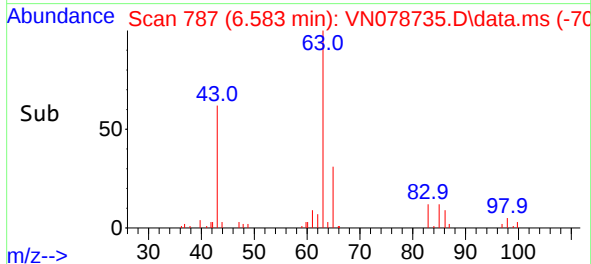
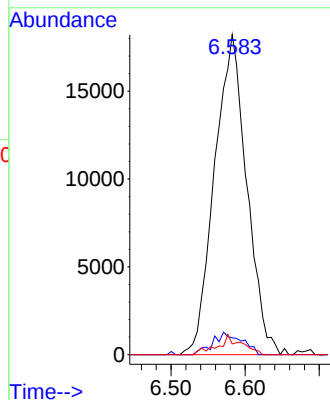
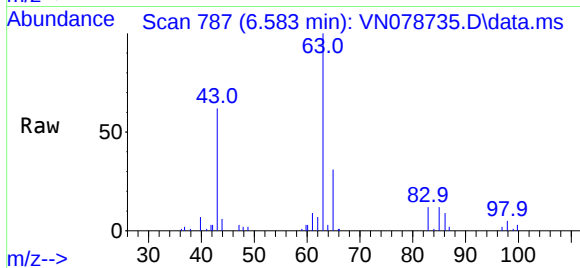
Tgt Ion: 63 Resp: 54963

Ion Ratio Lower Upper

63 100

98 5.2 2.7 8.1

100 3.4 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 4.656 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.000 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

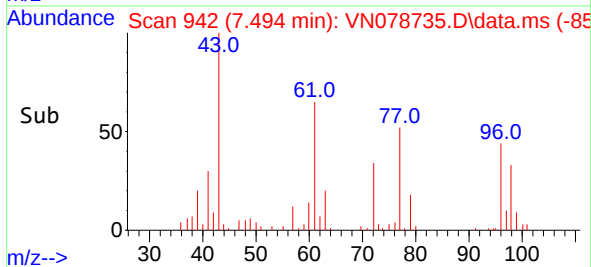
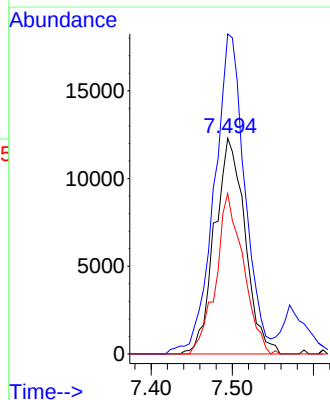
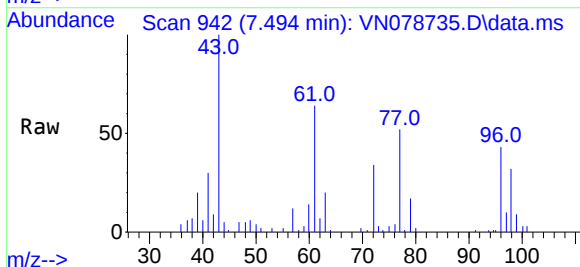
Tgt Ion: 96 Resp: 31964

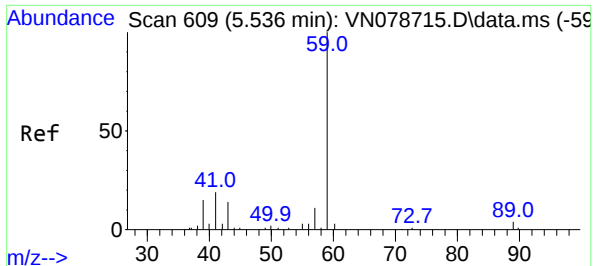
Ion Ratio Lower Upper

96 100

61 148.0 113.8 170.6

98 67.0 52.2 78.4

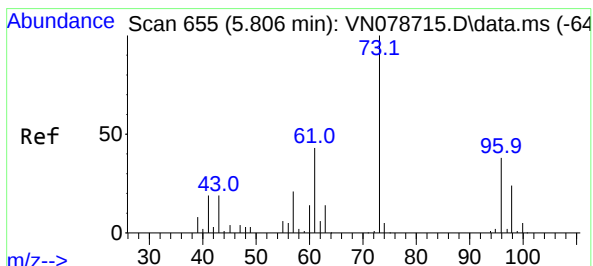
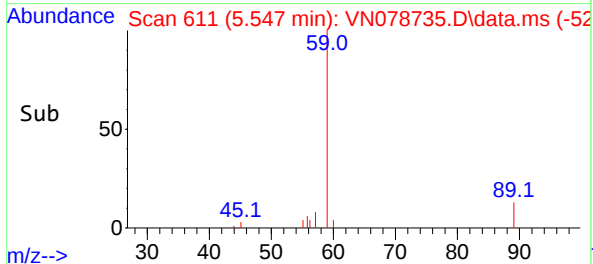
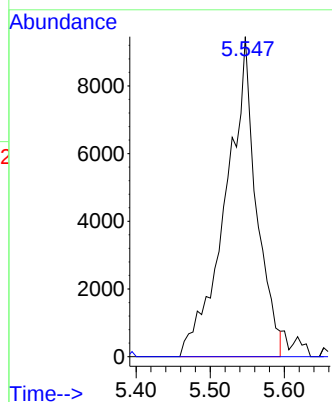
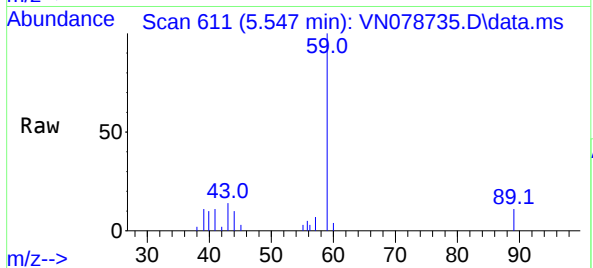




#23
tert-Butyl Alcohol
Concen: 26.538 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

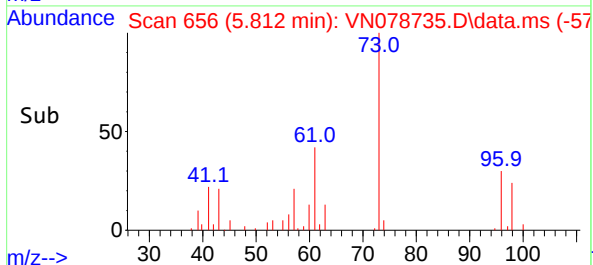
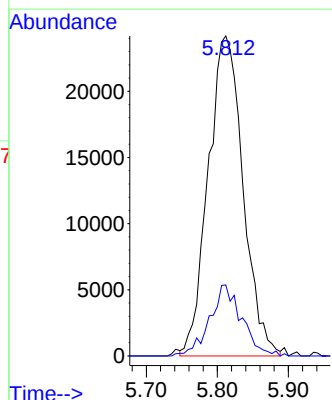
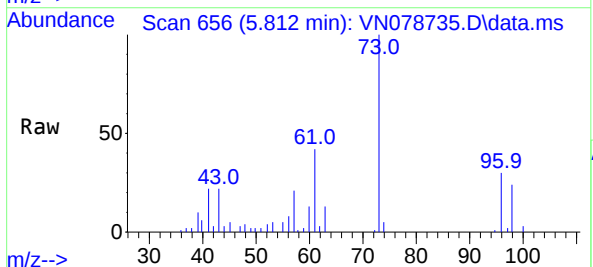
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

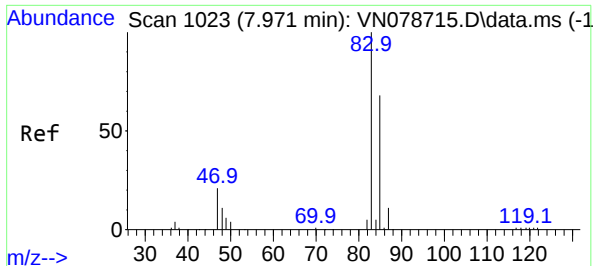
Tgt Ion: 59 Resp: 27234
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 4.644 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 73 Resp: 82573
Ion Ratio Lower Upper
73 100
43 14.8 14.5 21.7

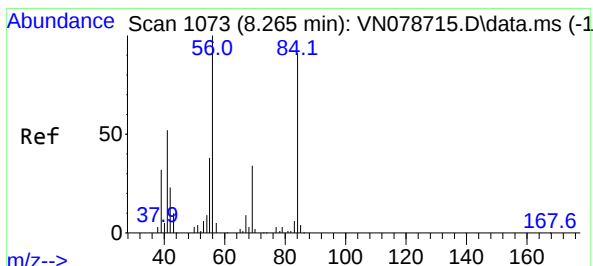
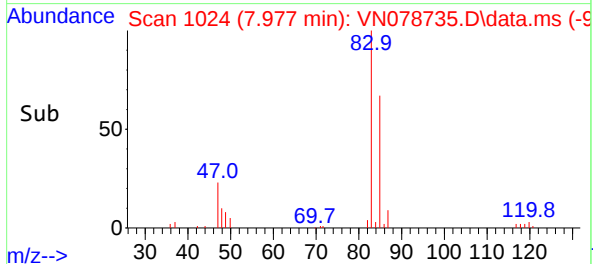
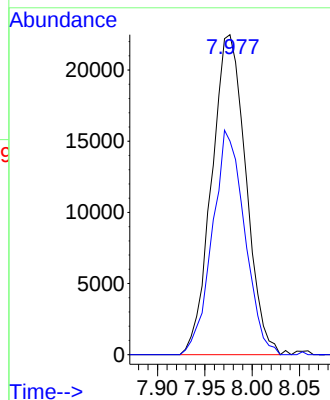
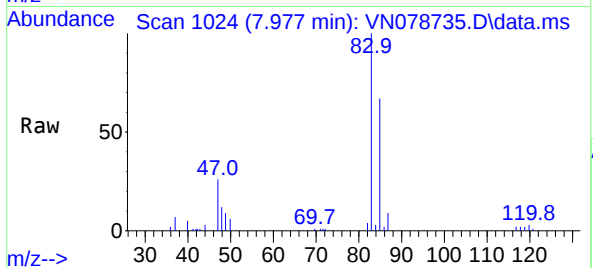




#25
Chloroform
Concen: 4.957 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

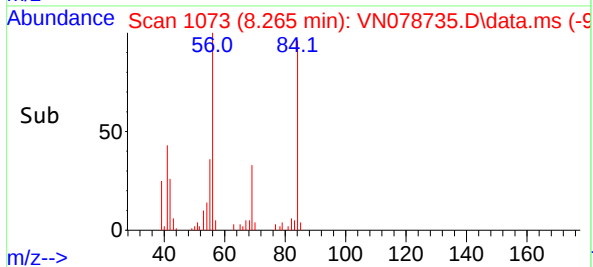
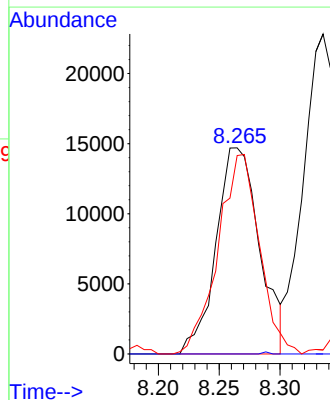
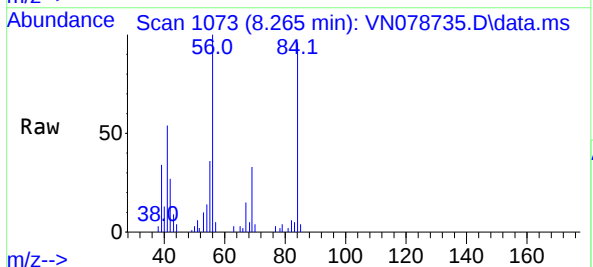
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

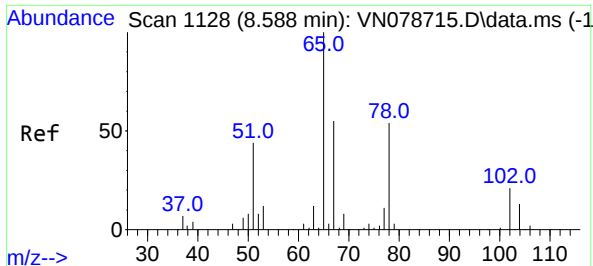
Tgt Ion: 83 Resp: 56488
Ion Ratio Lower Upper
83 100
85 66.7 53.4 80.0



#26
Cyclohexane
Concen: 4.611 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 56 Resp: 36560
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.8 74.2 111.4

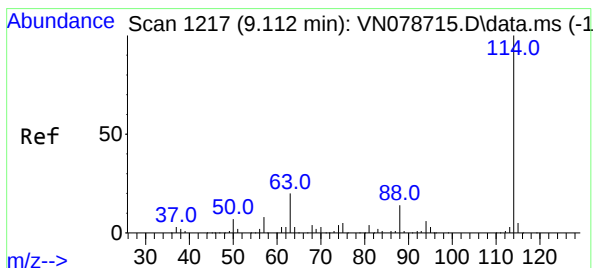
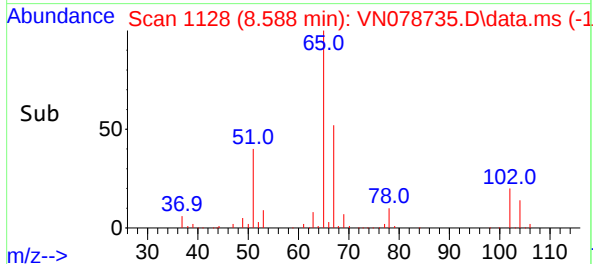
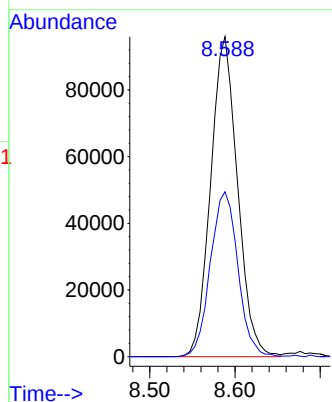
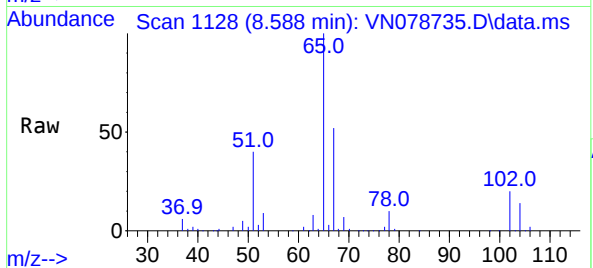




#27
1,2-Dichloroethane-d4
Concen: 29.577 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

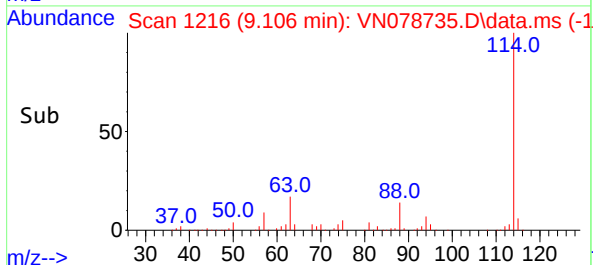
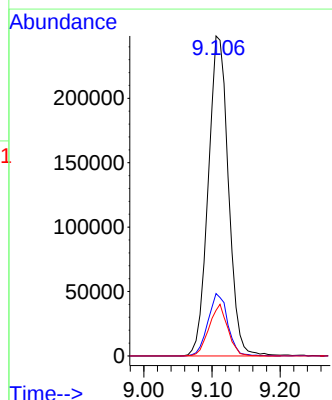
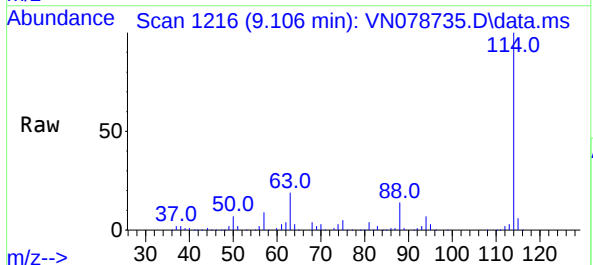
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

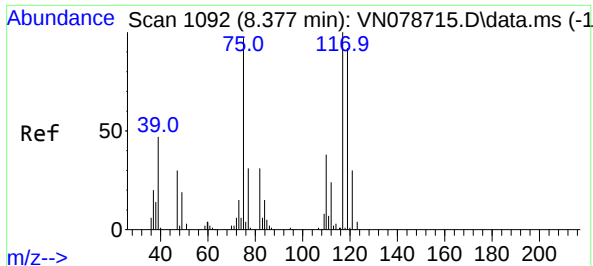
Tgt Ion: 65 Resp: 210419
Ion Ratio Lower Upper
65 100
67 52.8 42.9 64.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 114 Resp: 511630
Ion Ratio Lower Upper
114 100
63 19.2 15.2 22.8
88 15.0 12.5 18.7





#29

1,1-Dichloropropene

Concen: 4.937 ug/l

RT: 8.382 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

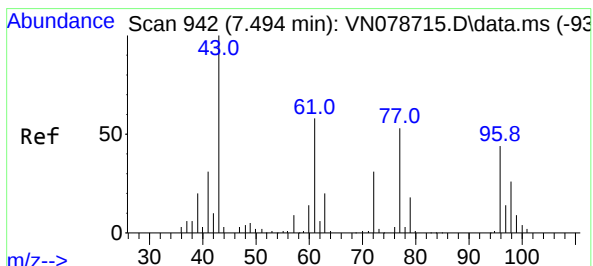
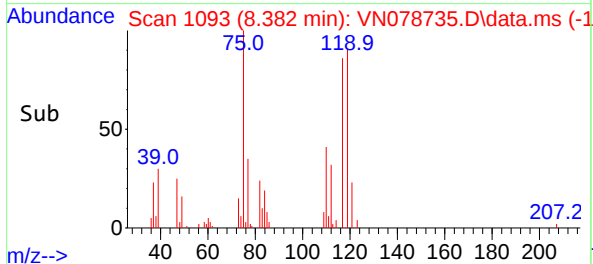
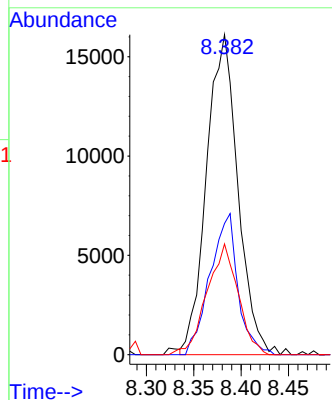
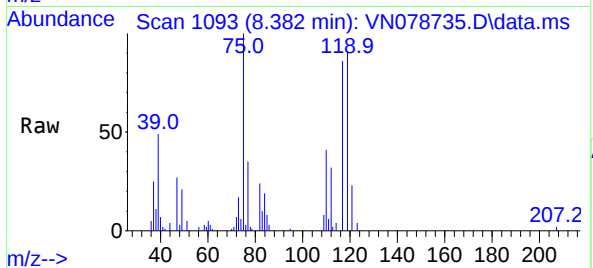
Tgt Ion: 75 Resp: 37169

Ion Ratio Lower Upper

75 100

110 39.2 0.0 72.2

77 34.2 0.0 62.8



#30

2-Butanone

Concen: 26.630 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.006 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

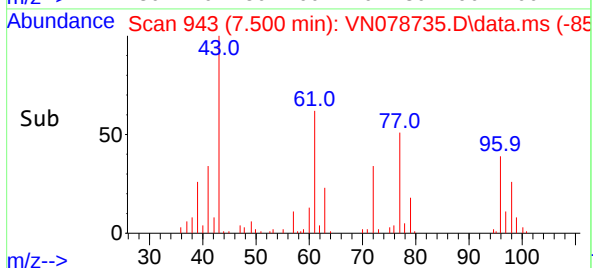
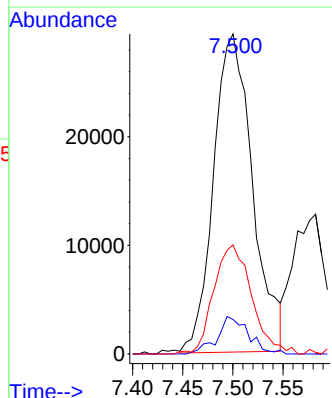
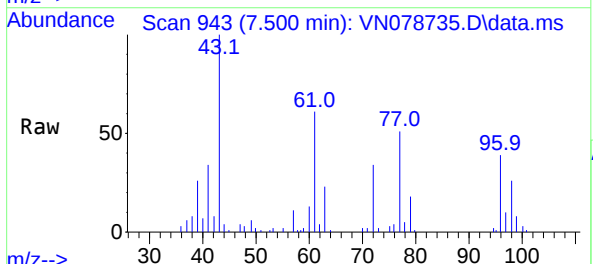
Tgt Ion: 43 Resp: 79251

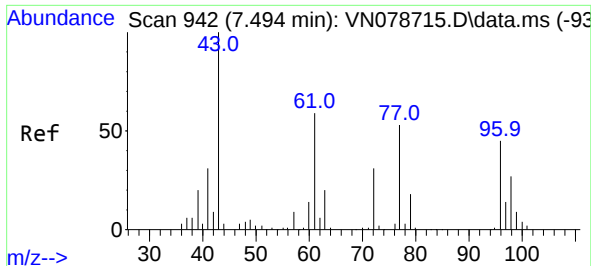
Ion Ratio Lower Upper

43 100

57 7.9 6.8 10.2

72 33.0 23.8 35.6





#31

2,2-Dichloropropane

Concen: 5.060 ug/l

RT: 7.506 min Scan# 944

Delta R.T. 0.012 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

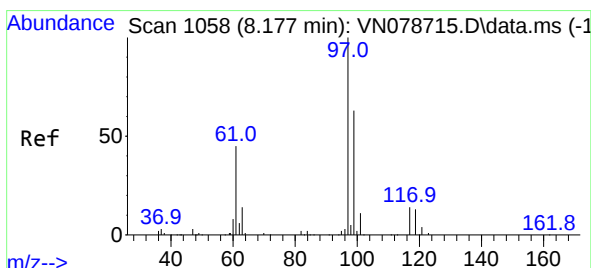
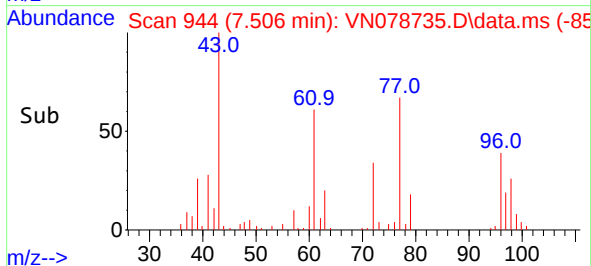
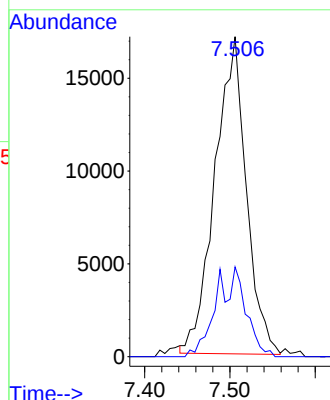
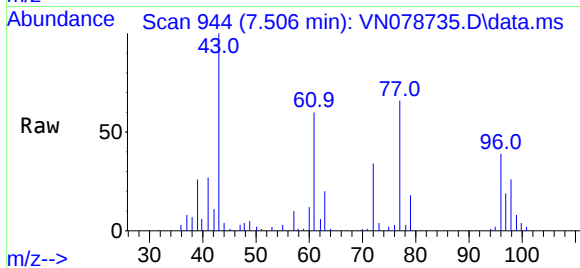
LOQ-WATER-02-QT3-2023

Tgt Ion: 77 Resp: 43707

Ion Ratio Lower Upper

77 100

97 15.0 18.8 28.2#



#32

1,1,1-Trichloroethane

Concen: 5.615 ug/l

RT: 8.182 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

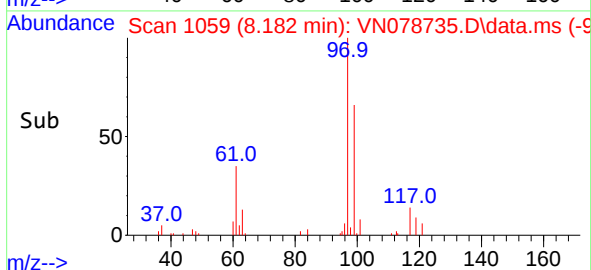
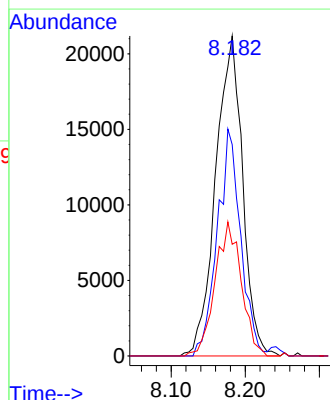
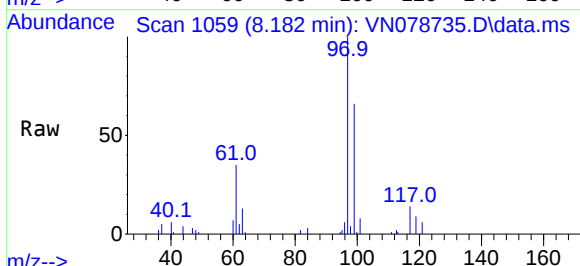
Tgt Ion: 97 Resp: 53481

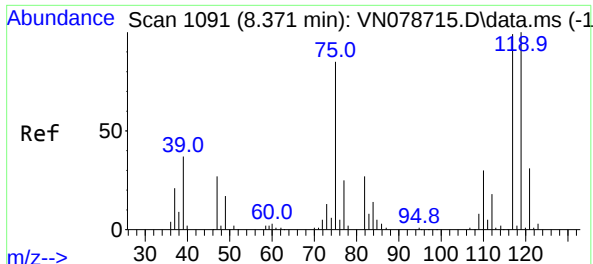
Ion Ratio Lower Upper

97 100

99 61.6 51.3 76.9

61 40.8 34.6 52.0



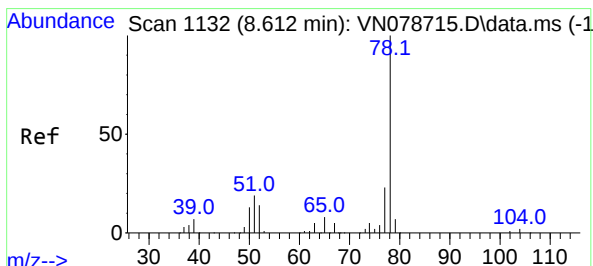
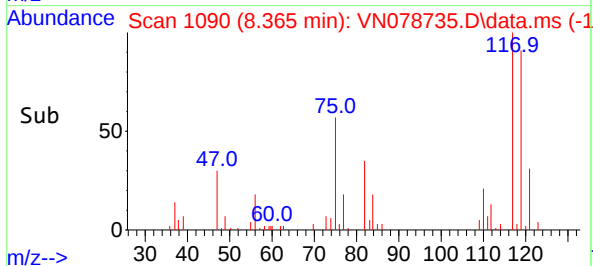
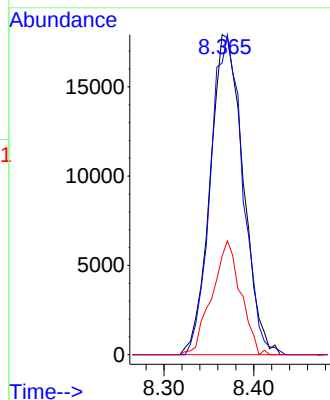
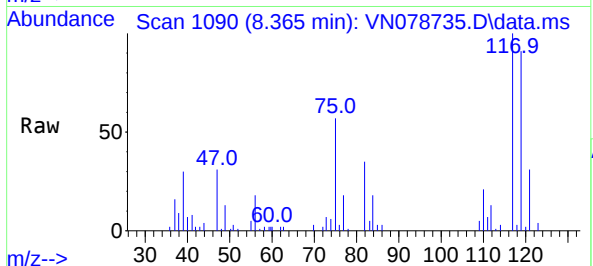


#33
Carbon Tetrachloride
Concen: 5.409 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

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

Tgt Ion:117 Resp: 45757

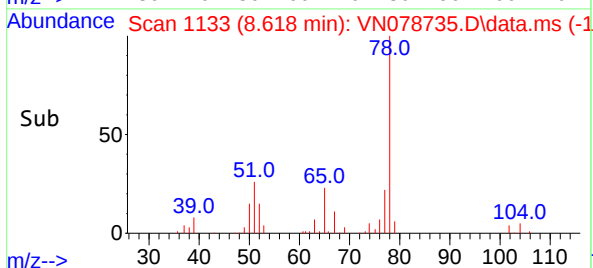
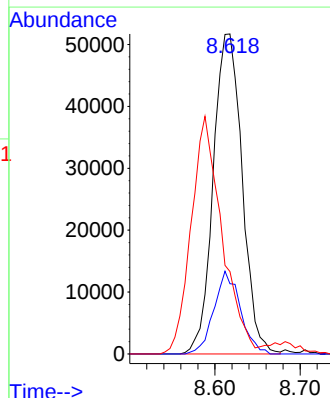
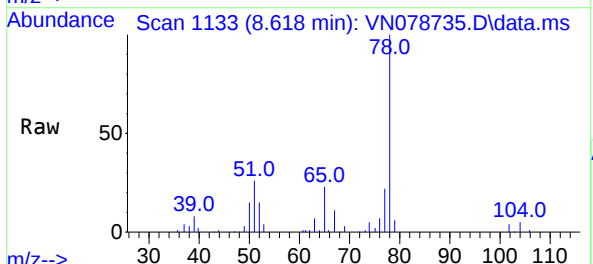
Ion	Ratio	Lower	Upper
117	100		
119	91.2	81.4	122.0
121	30.8	23.6	35.4

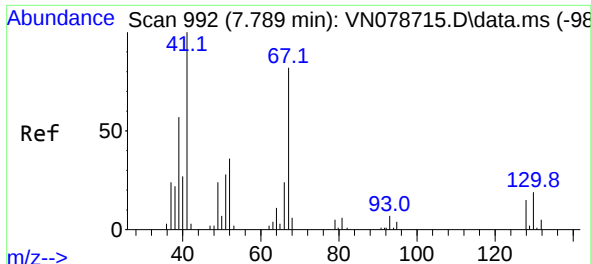


#34
Benzene
Concen: 5.393 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 78 Resp: 121958

Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.3	27.5
51	22.9	13.7	20.5



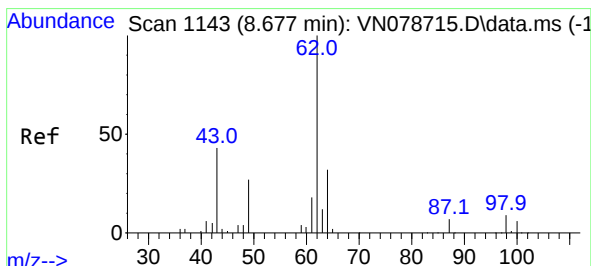
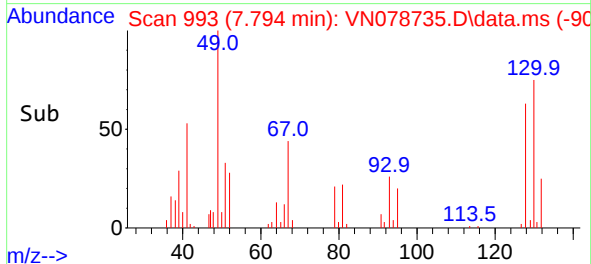
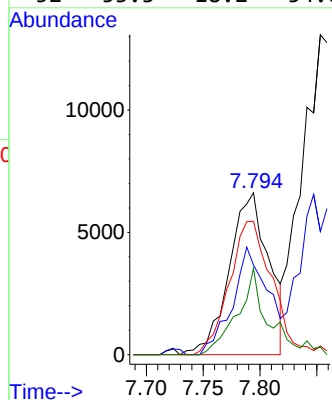
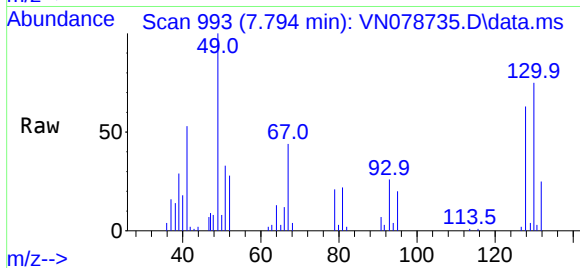


#35
Methacrylonitrile
Concen: 4.901 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

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

Tgt Ion: 41 Resp: 16016

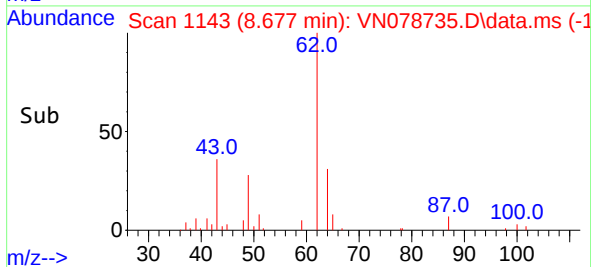
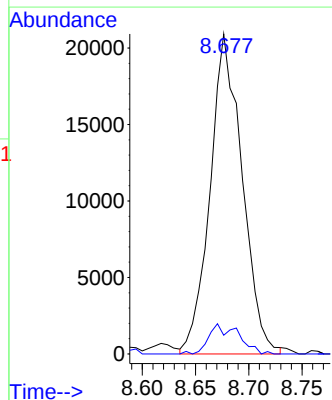
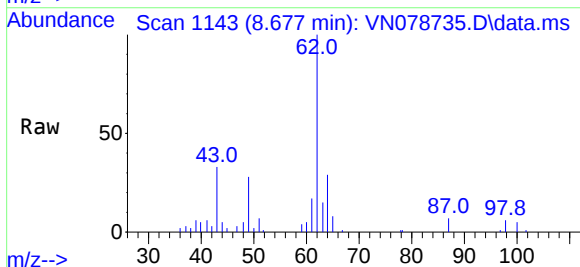
Ion	Ratio	Lower	Upper
41	100		
39	52.1	33.9	101.6
67	82.4	45.9	137.6
52	53.3	18.2	54.6

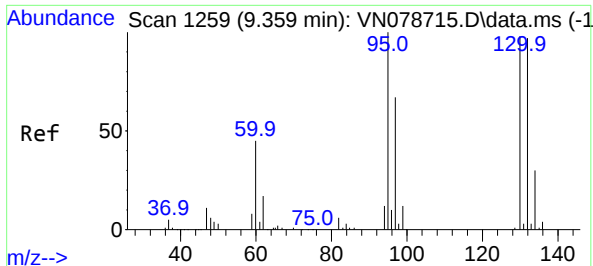


#36
1,2-Dichloroethane
Concen: 5.516 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 62 Resp: 43808

Ion	Ratio	Lower	Upper
62	100		
98	4.4	7.4	11.0

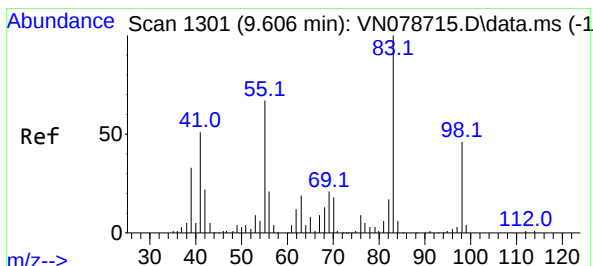
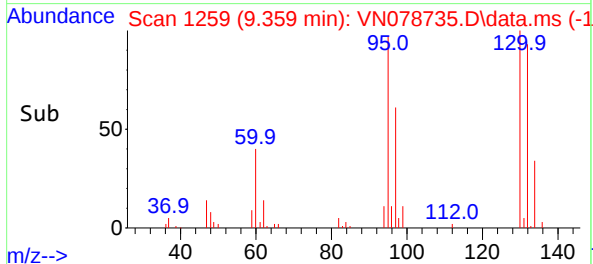
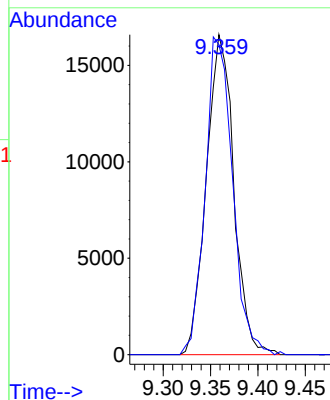
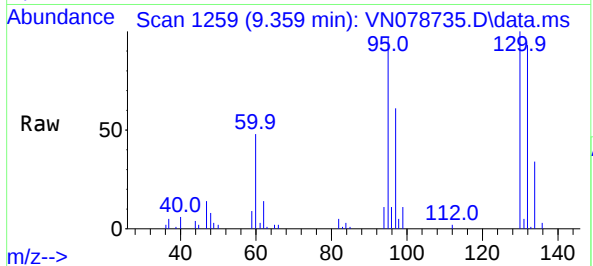




#37
Trichloroethene
Concen: 5.268 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

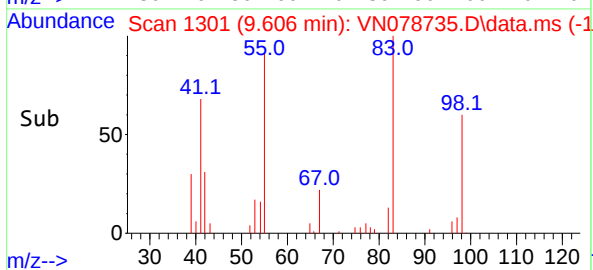
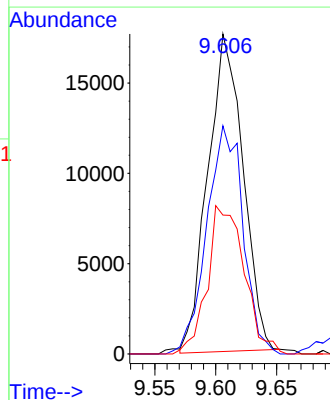
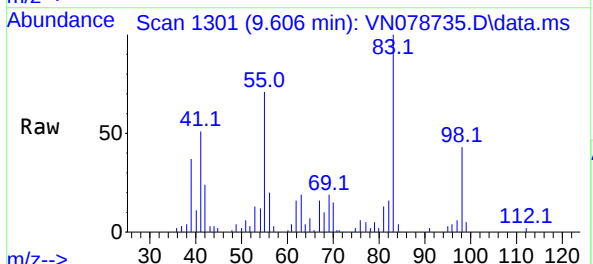
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

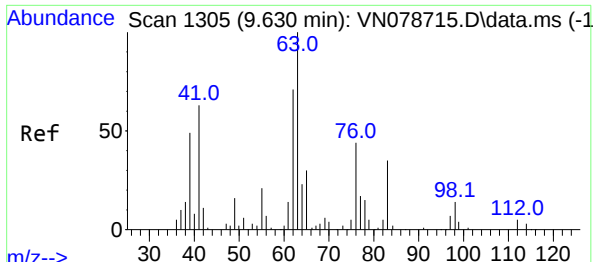
Tgt Ion:130 Resp: 33431
Ion Ratio Lower Upper
130 100
95 96.9 78.2 117.4



#38
Methylcyclohexane
Concen: 4.575 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 83 Resp: 35386
Ion Ratio Lower Upper
83 100
55 73.9 34.0 102.0
98 48.1 23.0 69.0

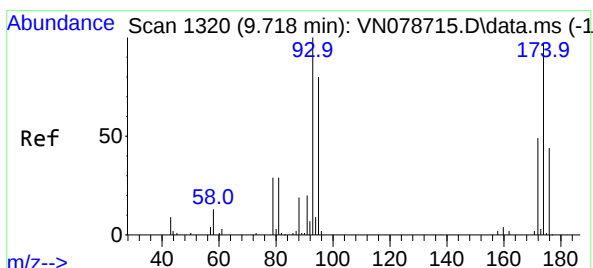
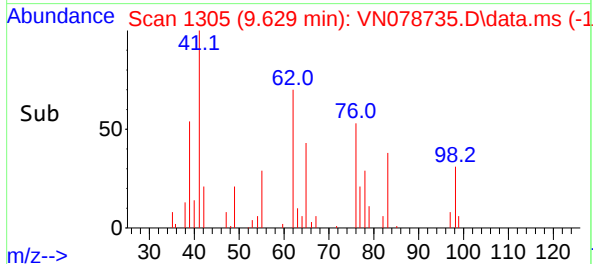
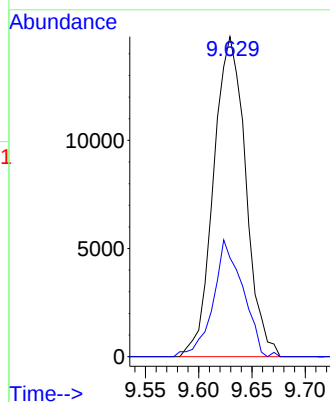
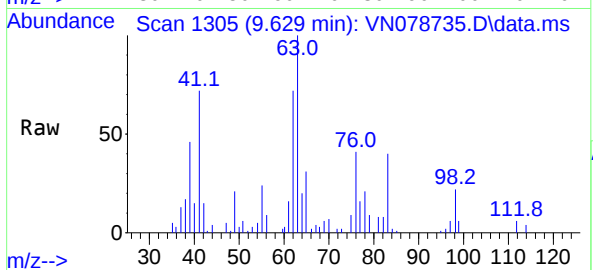




#39
1,2-Dichloropropane
Concen: 5.122 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

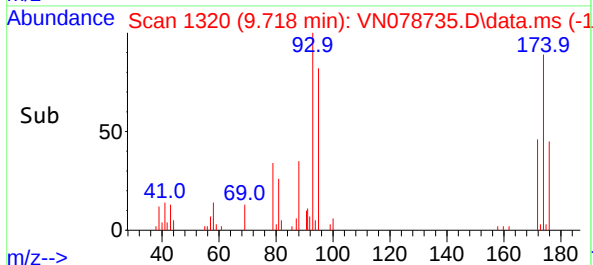
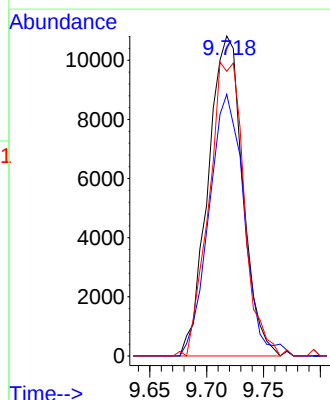
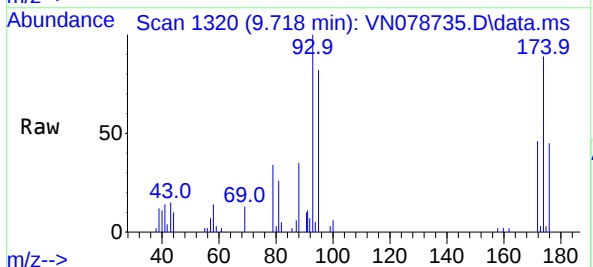
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

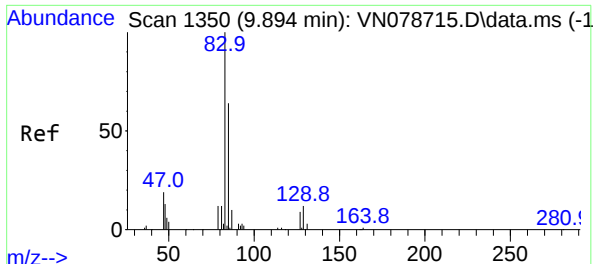
Tgt Ion: 63 Resp: 31050
Ion Ratio Lower Upper
63 100
65 30.9 27.4 41.2



#40
Dibromomethane
Concen: 5.467 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 93 Resp: 22940
Ion Ratio Lower Upper
93 100
95 81.8 0.0 167.8
174 92.3 0.0 180.8

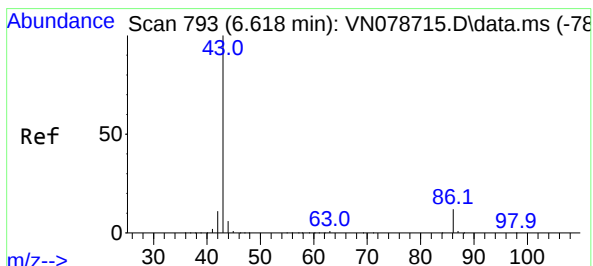
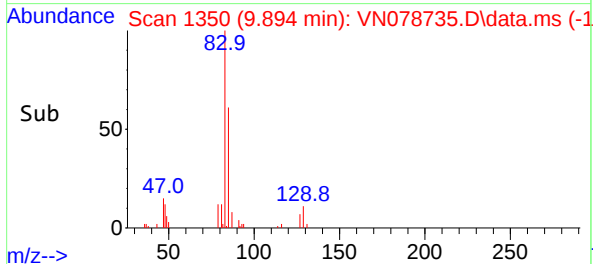
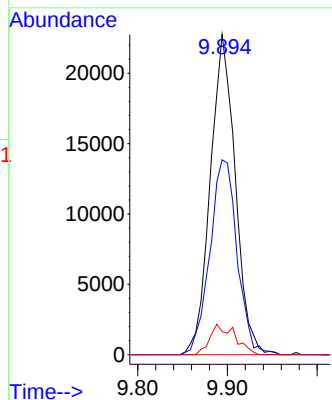
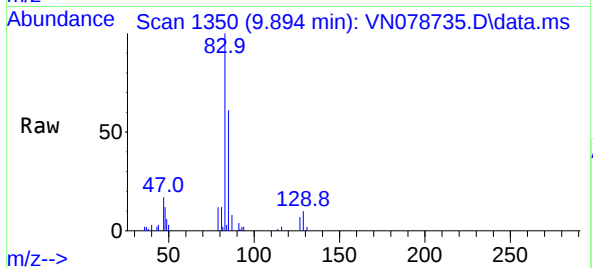




#41
Bromodichloromethane
Concen: 5.246 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

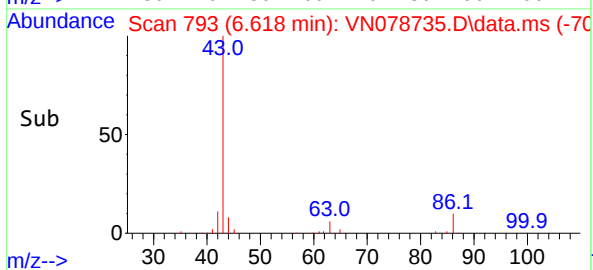
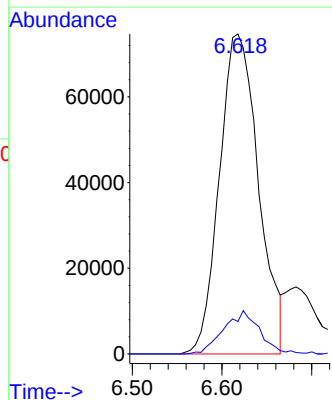
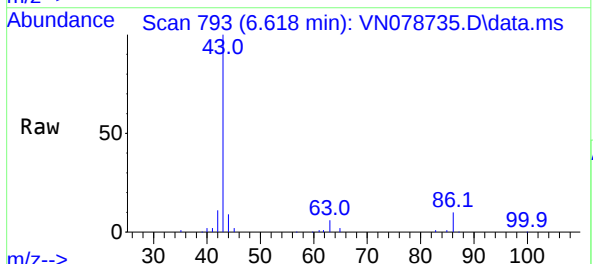
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

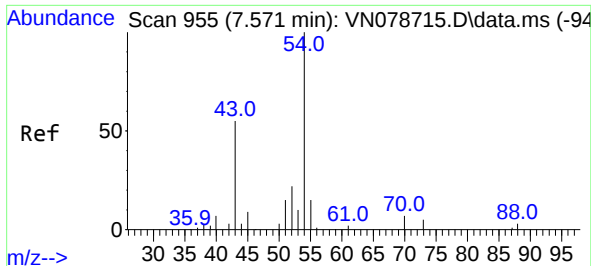
Tgt Ion: 83 Resp: 44007
Ion Ratio Lower Upper
83 100
85 60.9 54.1 81.1
127 7.2 7.8 11.6#



#42
Vinyl Acetate
Concen: 23.654 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 43 Resp: 226313
Ion Ratio Lower Upper
43 100
86 6.4 9.4 14.0#

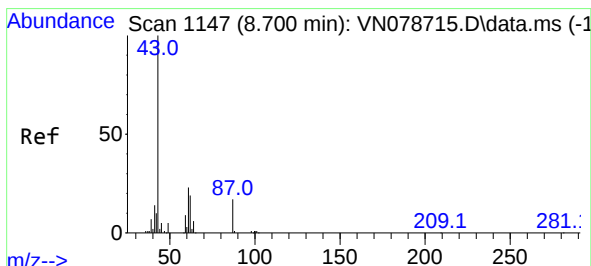
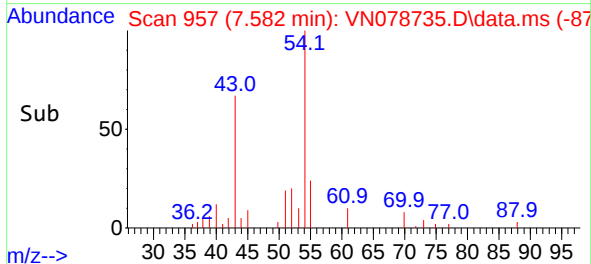
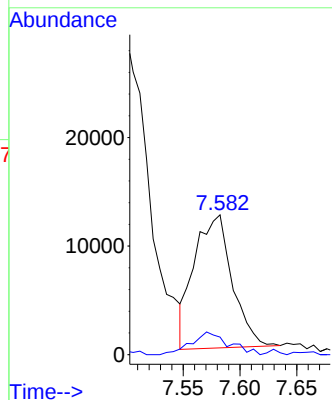
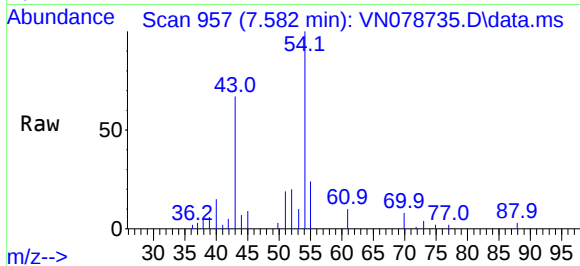




#43
Ethyl Acetate
Concen: 4.613 ug/l
RT: 7.582 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

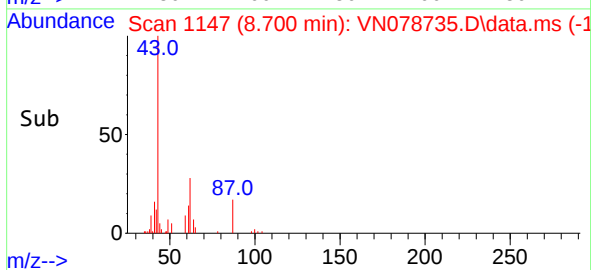
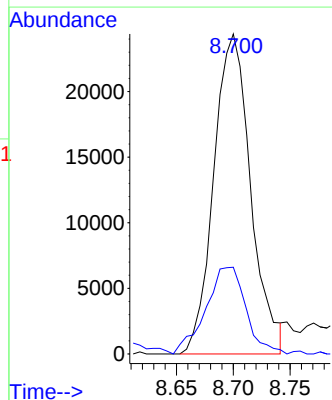
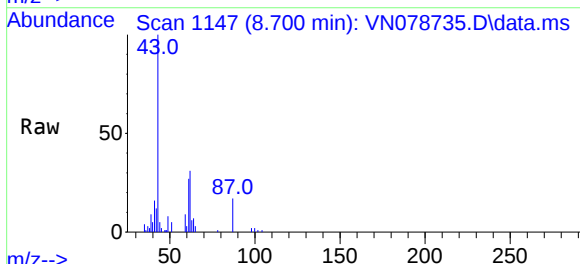
Instrument :
MSVOA_N
ClientSampleId :
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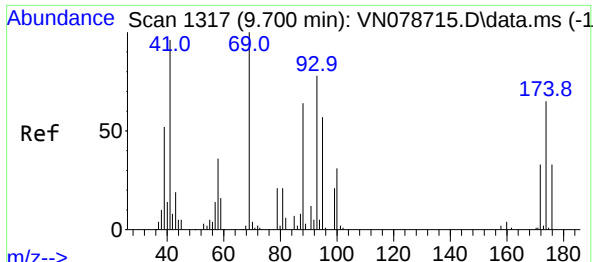
Tgt Ion: 43 Resp: 28380
Ion Ratio Lower Upper
43 100
45 3.4 10.9 16.3#



#44
Isopropyl Acetate
Concen: 5.110 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 43 Resp: 55157
Ion Ratio Lower Upper
43 100
61 29.4 23.0 34.6

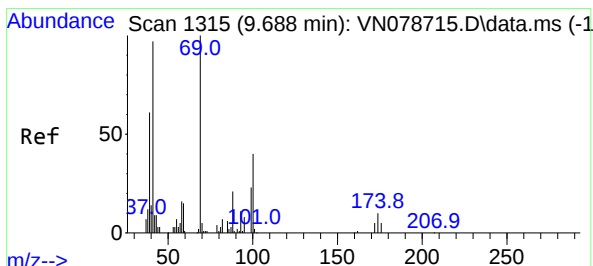
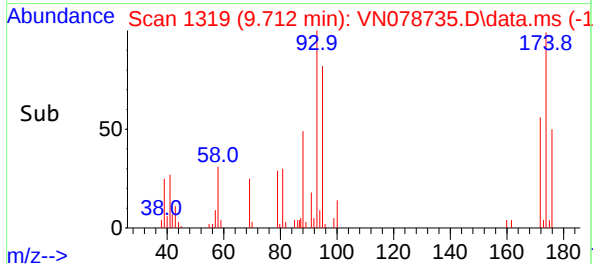
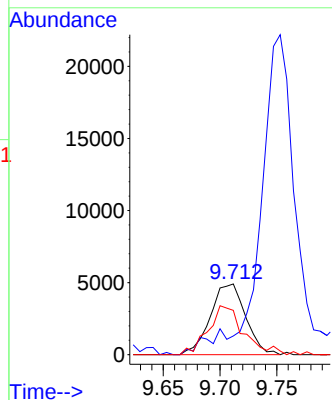
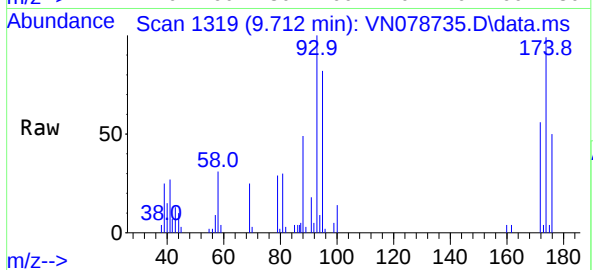




#45
1,4-Dioxane
Concen: 106.551 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

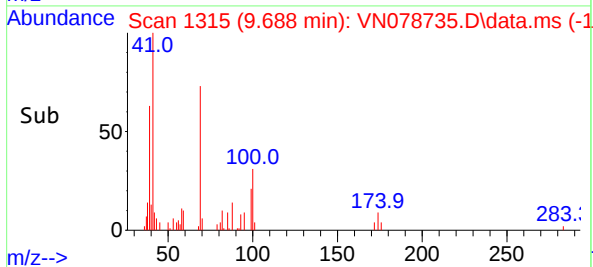
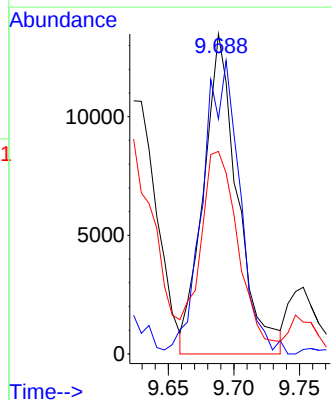
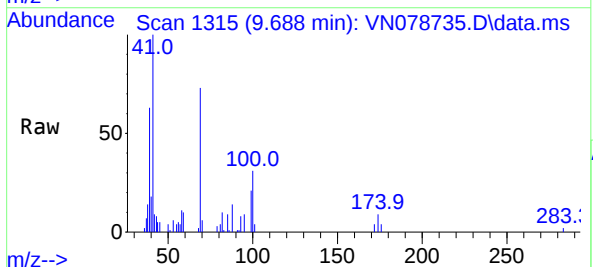
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

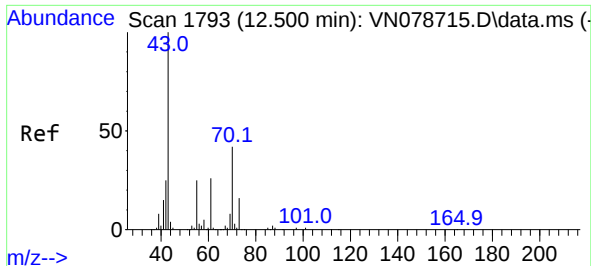
Tgt Ion: 88 Resp: 10580
Ion Ratio Lower Upper
88 100
43 8.2 19.0 28.6#
58 66.5 48.2 72.2



#46
Methyl methacrylate
Concen: 4.914 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 41 Resp: 24291
Ion Ratio Lower Upper
41 100
69 74.1 49.0 147.0
39 63.6 31.6 94.8

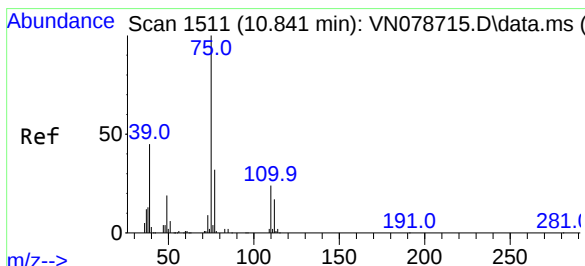
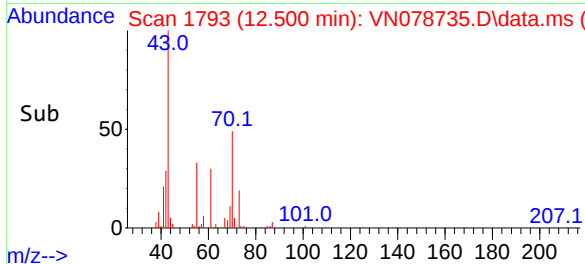
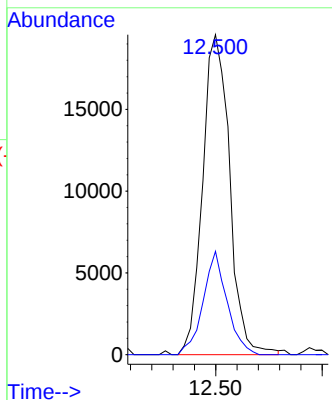
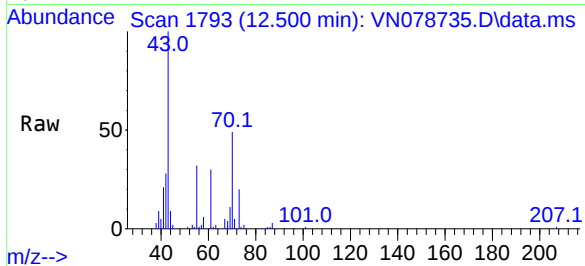




#47
n-amyl acetate
Concen: 4.151 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

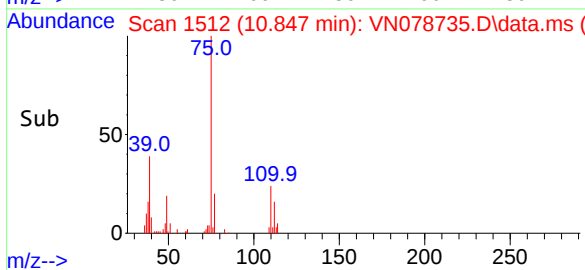
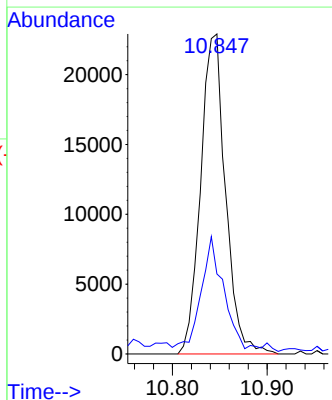
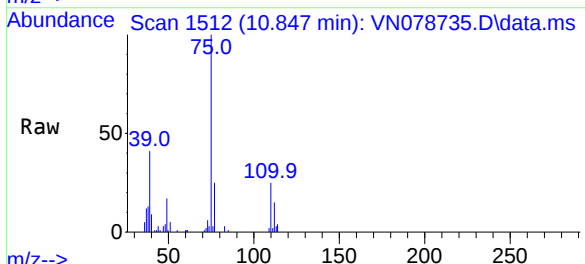
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

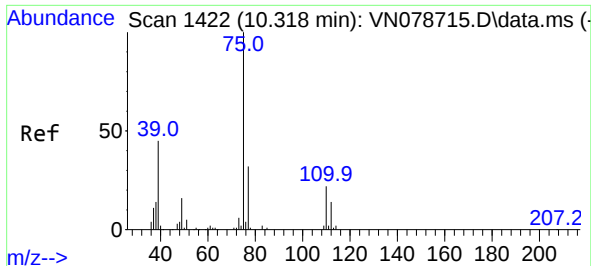
Tgt Ion: 43 Resp: 34506
Ion Ratio Lower Upper
43 100
55 28.7 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 4.676 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 75 Resp: 41865
Ion Ratio Lower Upper
75 100
77 24.2 26.1 39.1#

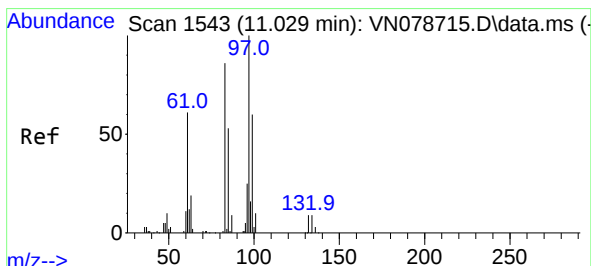
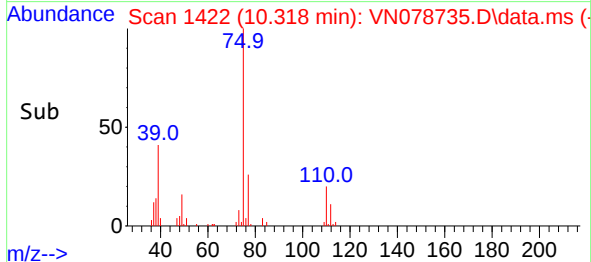
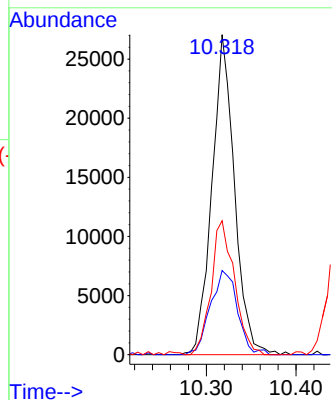
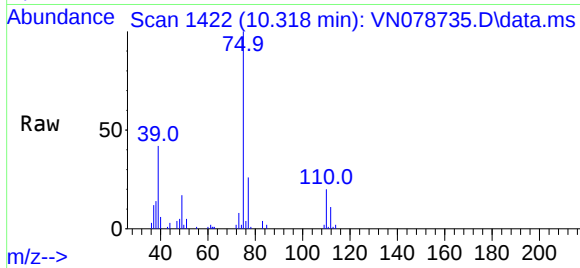




#49
cis-1,3-Dichloropropene
Concen: 4.968 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

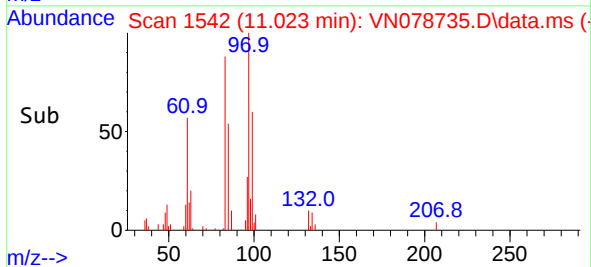
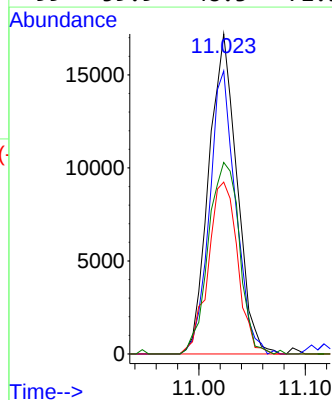
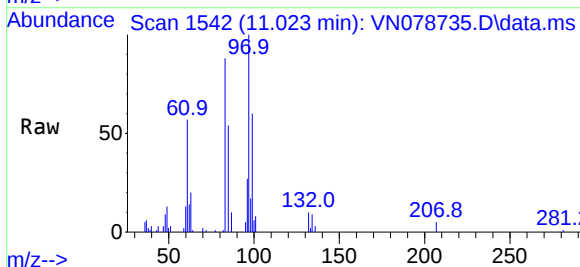
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

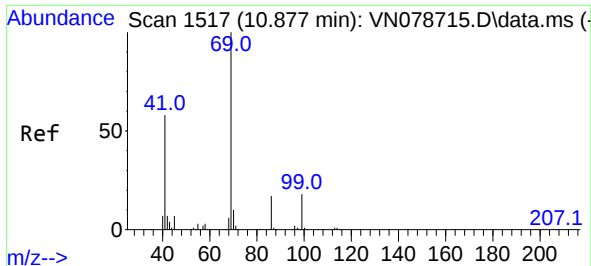
Tgt Ion: 75	Resp: 47238
Ion Ratio	Lower Upper
75 100	
77 26.3	24.0 36.0
39 41.9	35.1 52.7



#50
1,1,2-Trichloroethane
Concen: 5.311 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 97	Resp: 31544
Ion Ratio	Lower Upper
97 100	
83 88.4	66.8 100.2
85 53.7	42.5 63.7
99 59.9	48.3 72.5

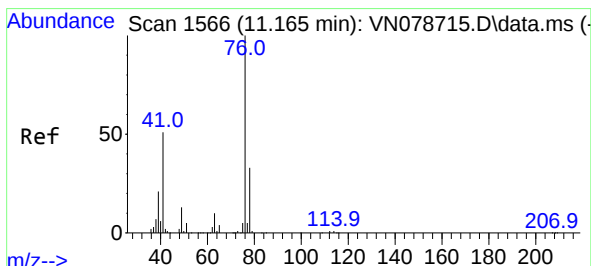
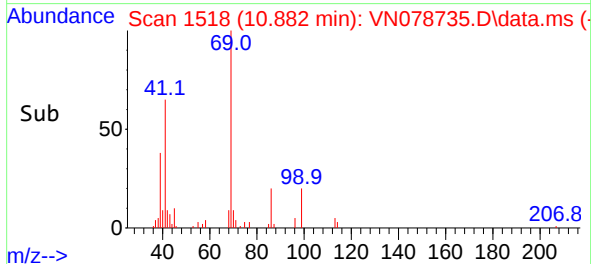
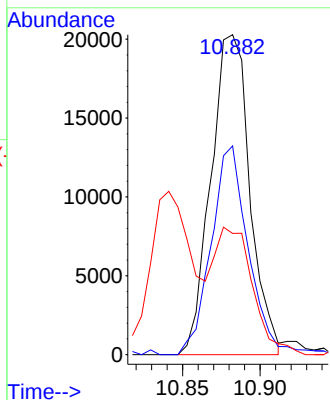
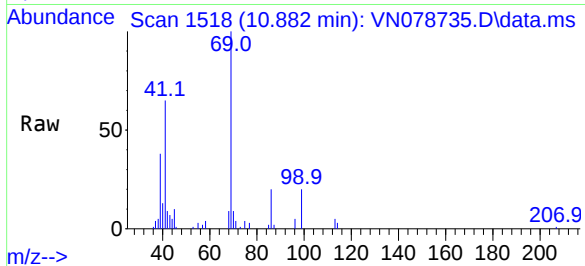




#51
Ethyl methacrylate
Concen: 4.362 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

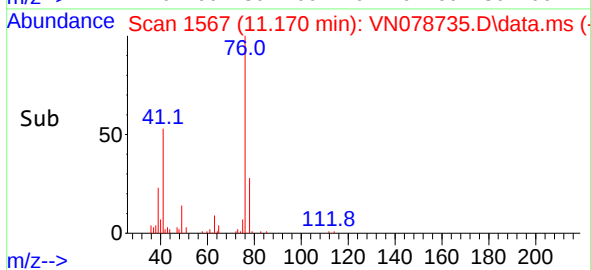
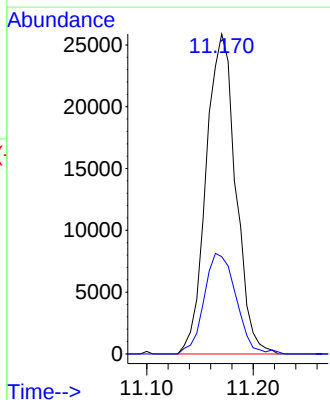
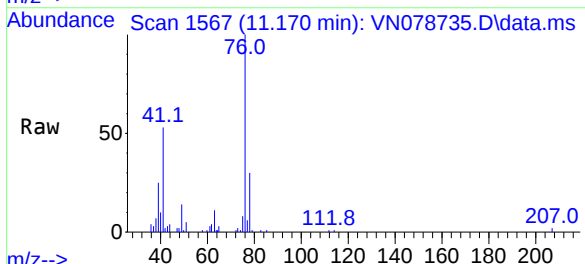
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

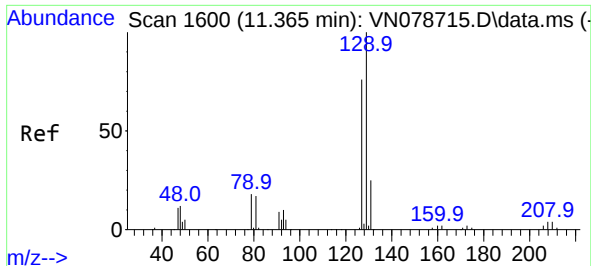
Tgt Ion:	69	Resp:	35473
Ion	Ratio	Lower	Upper
69	100		
41	65.3	26.0	78.0
39	34.4	16.3	48.9



#52
1,3-Dichloropropane
Concen: 4.682 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:	76	Resp:	49982
Ion	Ratio	Lower	Upper
76	100		
78	33.6	0.0	66.2

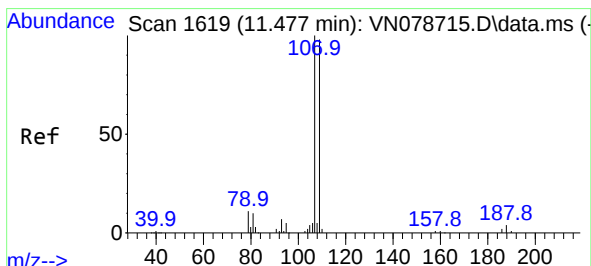
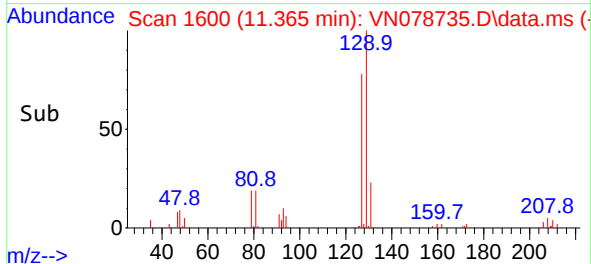
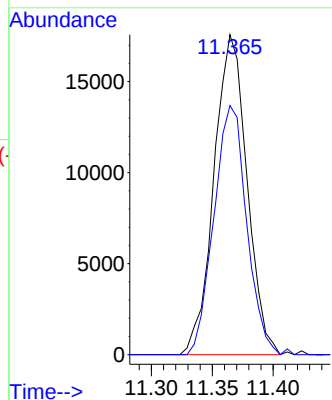
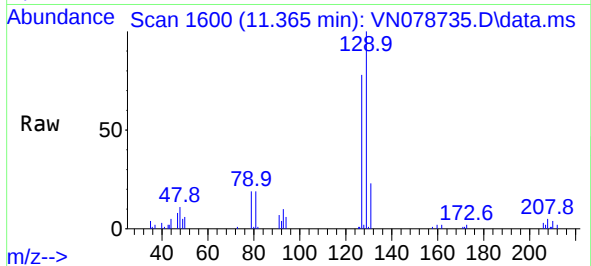




#53
Dibromochloromethane
Concen: 4.942 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

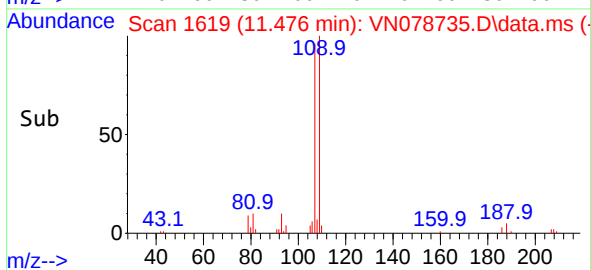
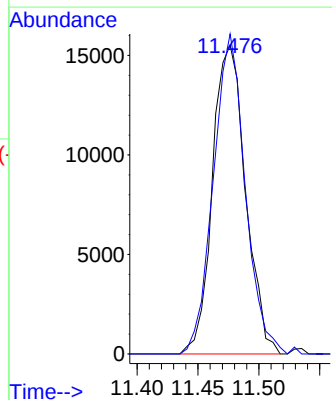
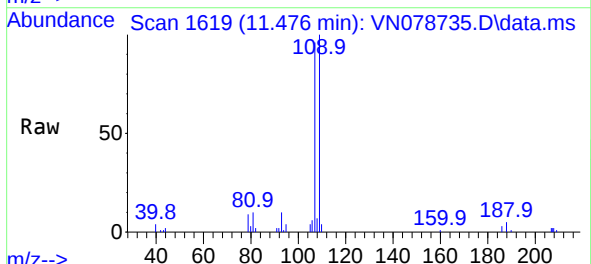
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

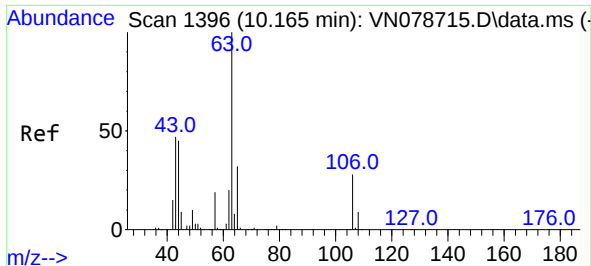
Tgt Ion:129 Resp: 33161
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.1



#54
1,2-Dibromoethane
Concen: 4.916 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:107 Resp: 29318
Ion Ratio Lower Upper
107 100
109 100.1 74.6 112.0

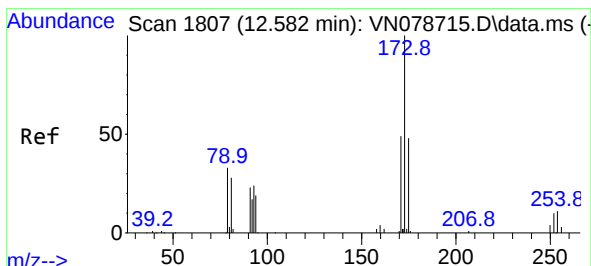
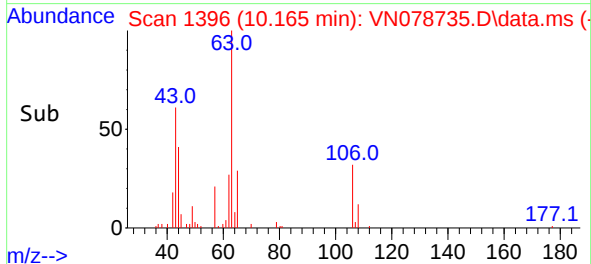
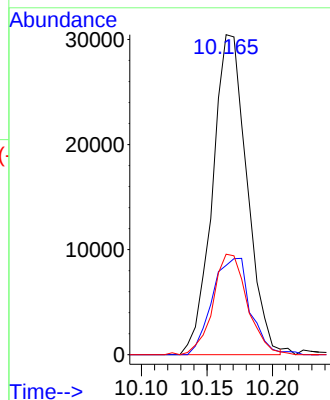
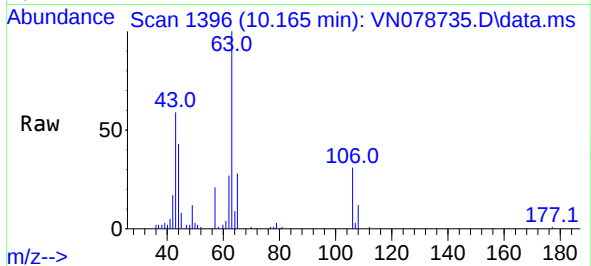




#55
2-Chloroethyl vinyl ether
Concen: 21.435 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

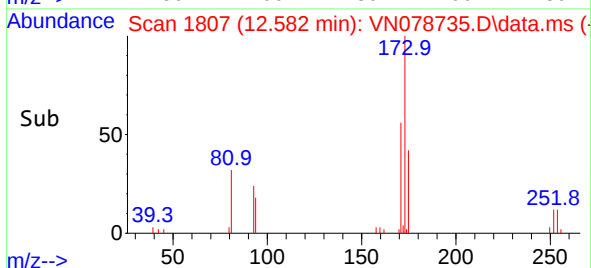
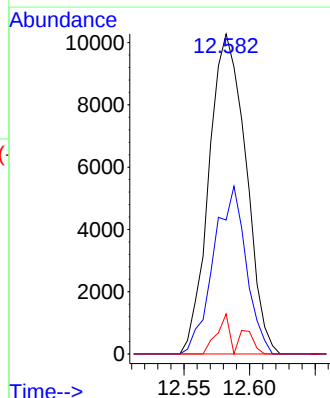
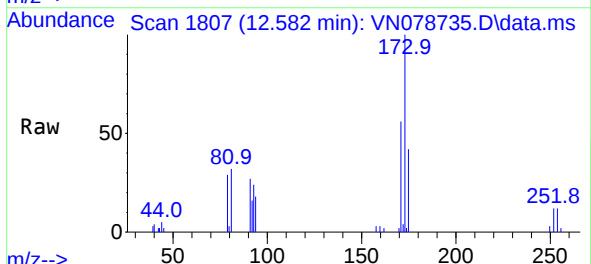
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

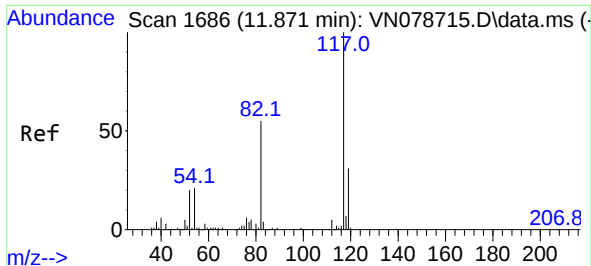
Tgt Ion:	63	Resp:	55543
Ion	Ratio	Lower	Upper
63	100		
65	33.0	26.3	39.5
106	31.3	23.8	35.6



#56
Bromoform
Concen: 4.582 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:	173	Resp:	20118
Ion	Ratio	Lower	Upper
173	100		
175	0.0	40.7	61.1#
254	4.2	6.5	9.7#

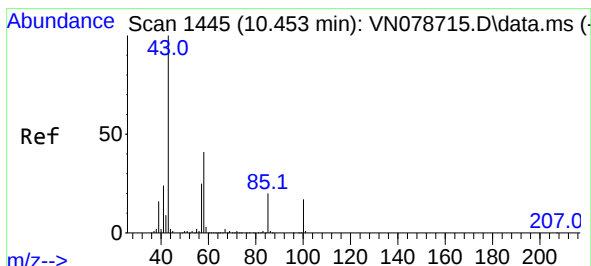
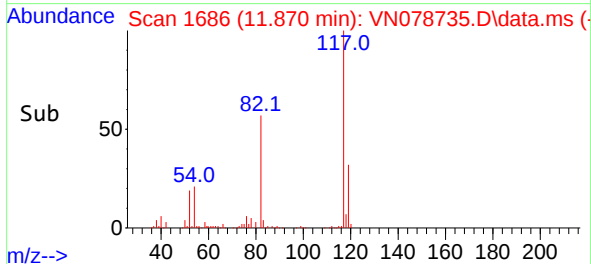
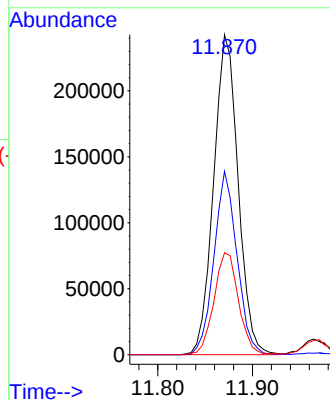
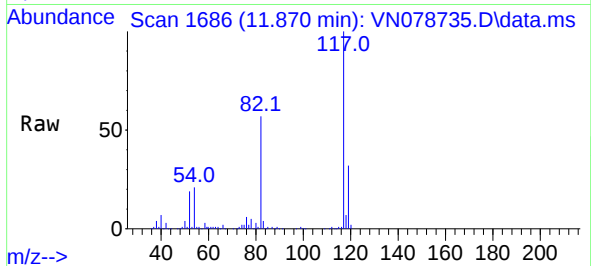




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

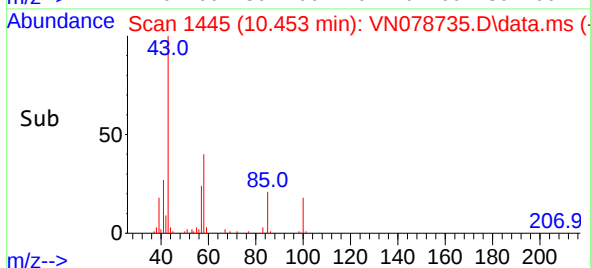
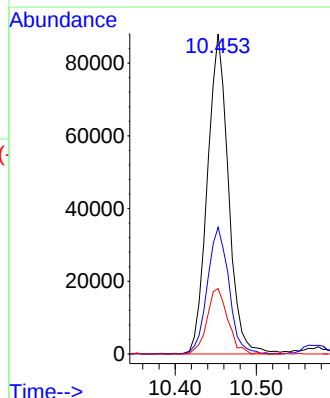
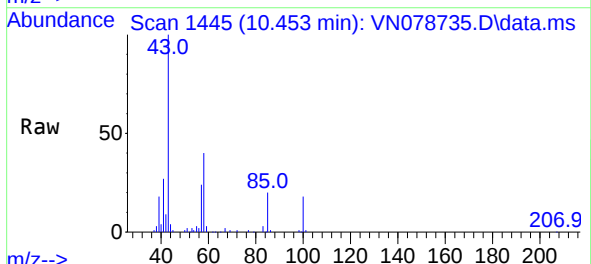
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

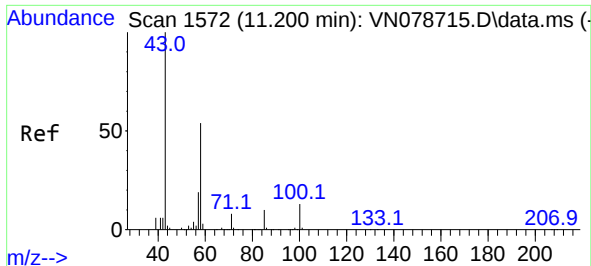
Tgt Ion:	117	Resp:	435672
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.9	65.9
119	31.8	26.2	39.4



#58
4-Methyl-2-Pentanone
Concen: 24.284 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:	43	Resp:	158361
Ion	Ratio	Lower	Upper
43	100		
58	40.5	32.6	48.8
85	20.2	16.2	24.2

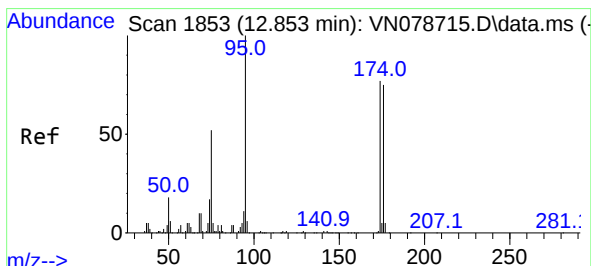
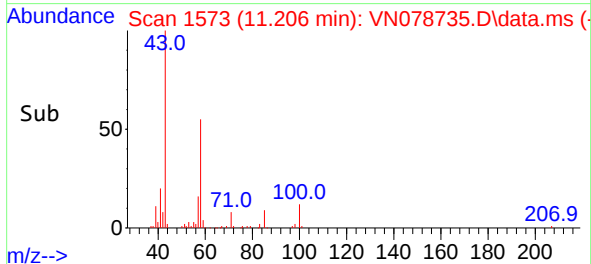
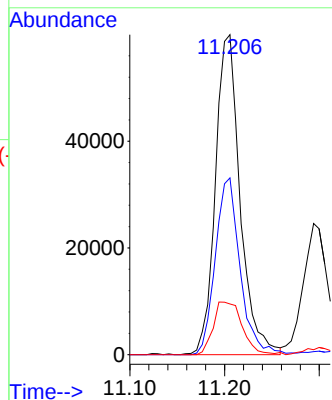
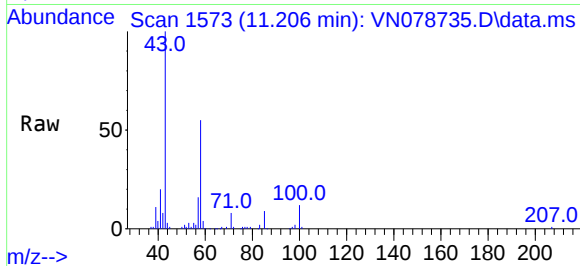




#59
2-Hexanone
Concen: 22.052 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

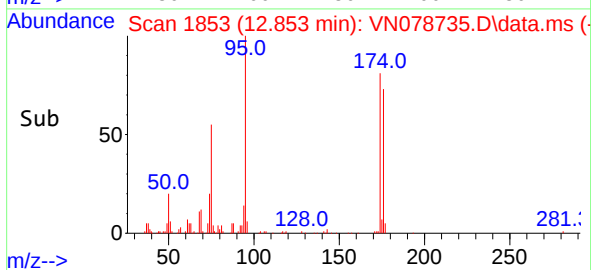
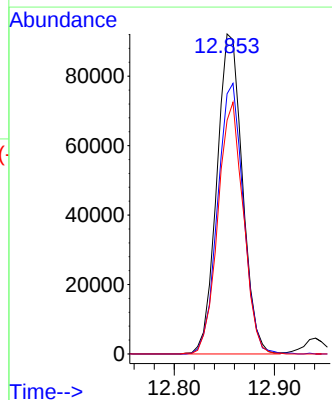
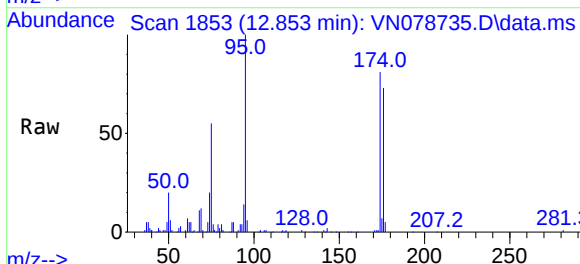
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

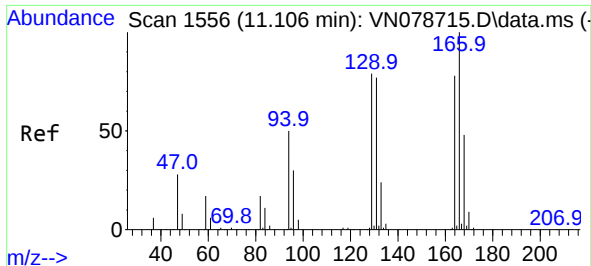
Tgt Ion: 43 Resp: 108884
Ion Ratio Lower Upper
43 100
58 55.3 45.9 68.9
57 19.1 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 25.006 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 95 Resp: 163267
Ion Ratio Lower Upper
95 100
174 84.8 61.7 92.5
176 77.9 58.1 87.1

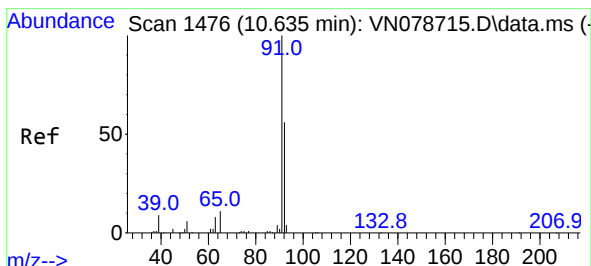
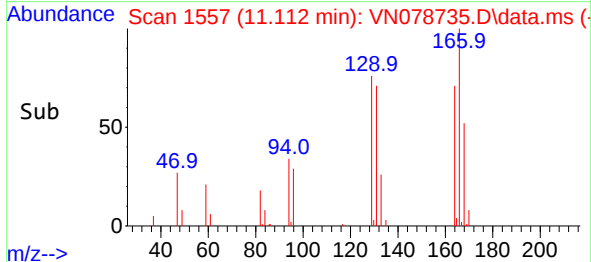
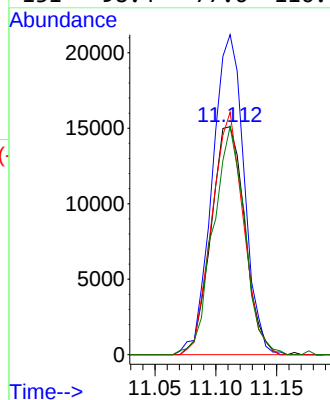
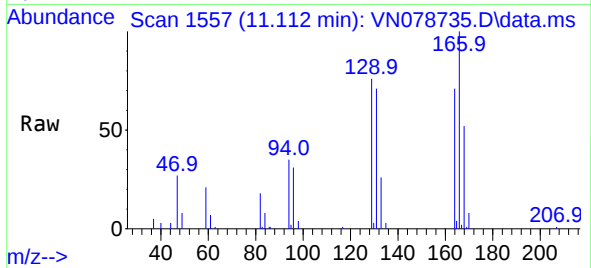




#61
Tetrachloroethene
Concen: 5.078 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

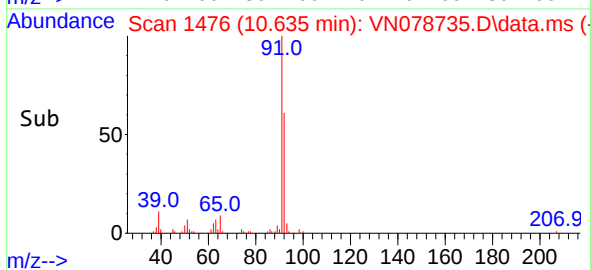
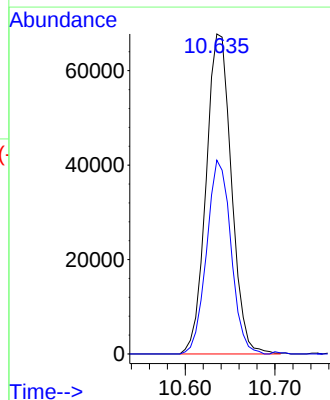
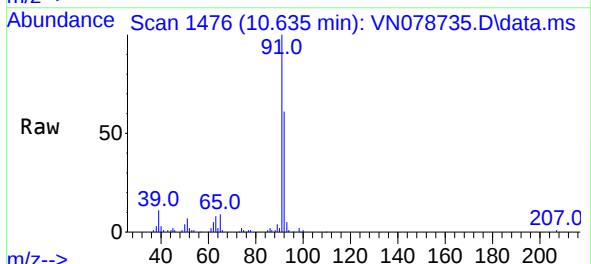
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

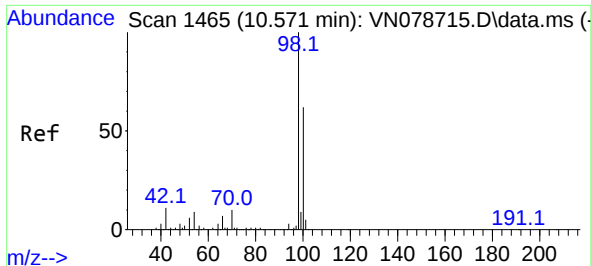
Tgt Ion:164	Resp:	29093
Ion	Ratio	Lower Upper
164	100	
166	139.2	99.1 148.7
129	106.4	85.6 128.4
131	98.4	77.6 116.4



#62
Toluene
Concen: 5.067 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 91	Resp:	132777
Ion	Ratio	Lower Upper
91	100	
92	58.3	45.2 67.8

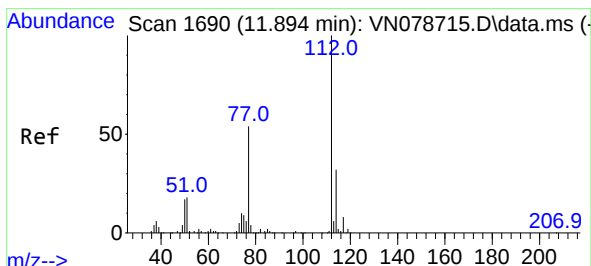
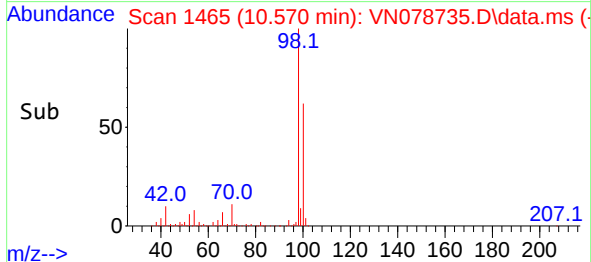
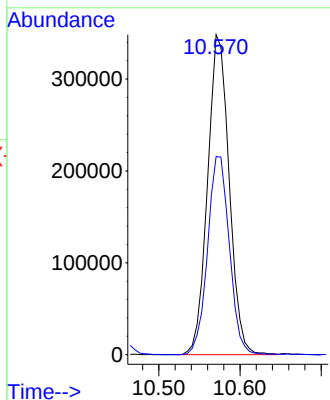
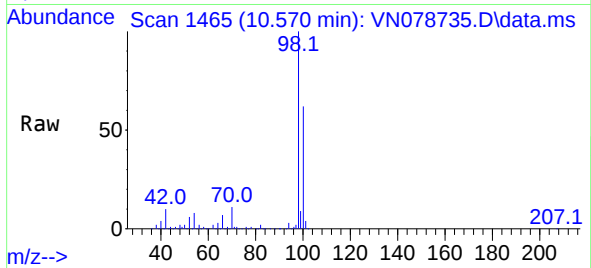




#63
Toluene-d8
Concen: 29.939 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

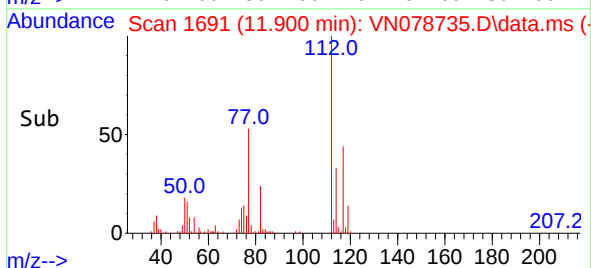
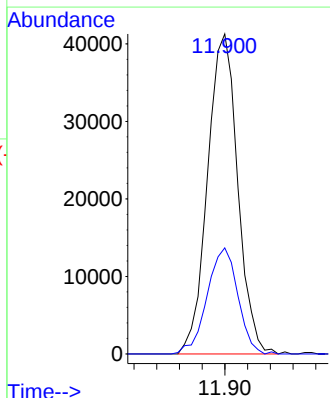
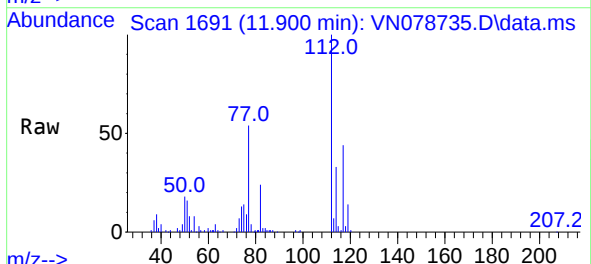
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

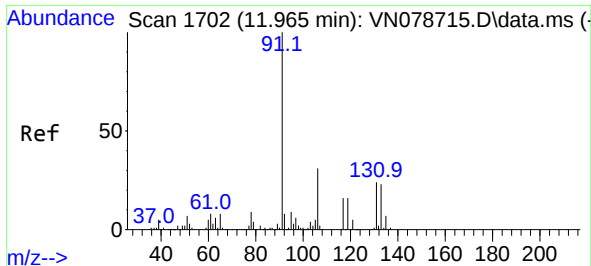
Tgt Ion: 98 Resp: 644339
Ion Ratio Lower Upper
98 100
100 62.5 49.7 74.5



#64
Chlorobenzene
Concen: 4.977 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:112 Resp: 76153
Ion Ratio Lower Upper
112 100
114 33.1 25.9 38.9

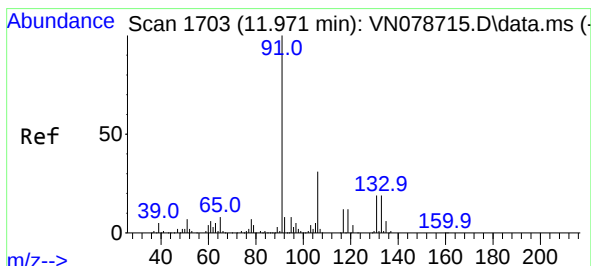
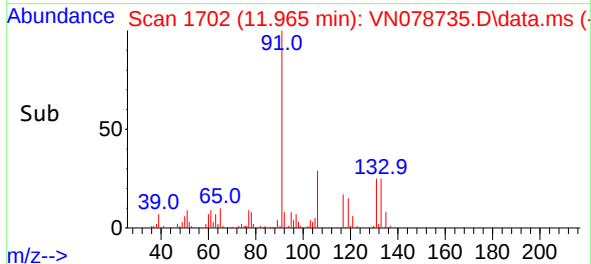
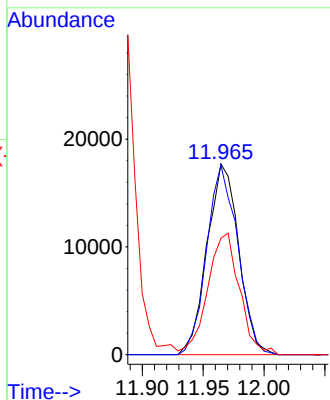
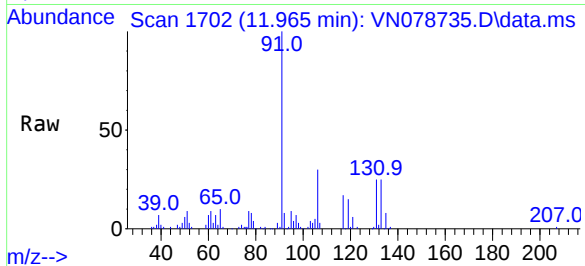




#65
1,1,1,2-Tetrachloroethane
Concen: 5.317 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

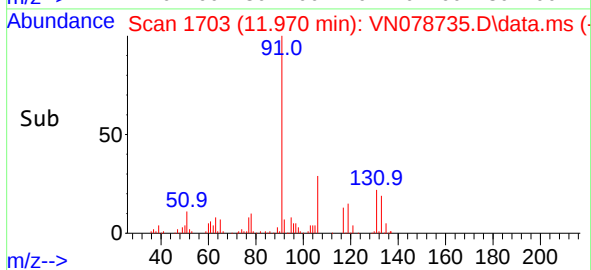
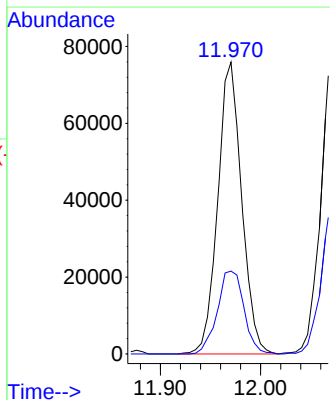
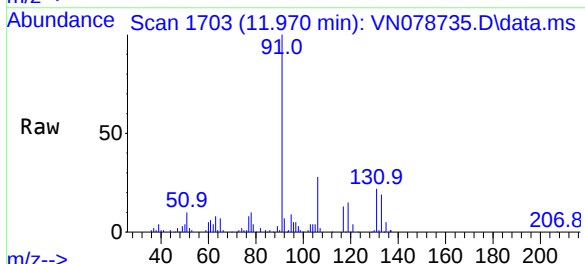
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

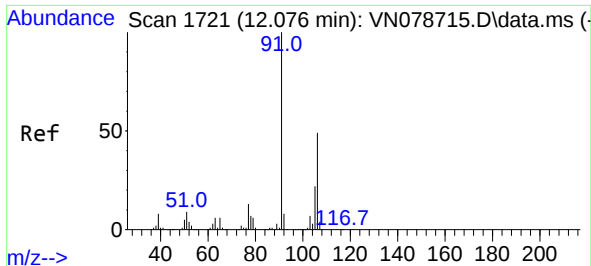
Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	0.0	191.8
119	63.8	0.0	132.0



#66
Ethyl Benzene
Concen: 4.760 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.4	25.6	38.4

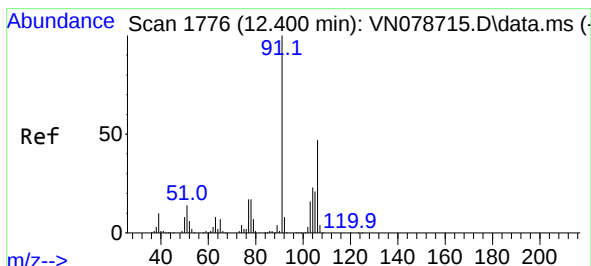
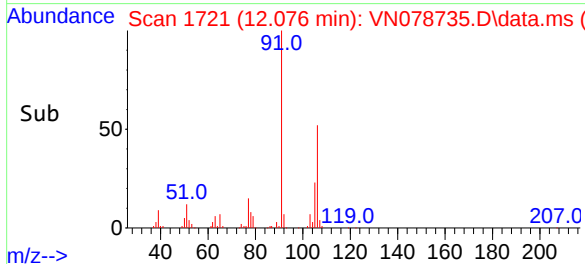
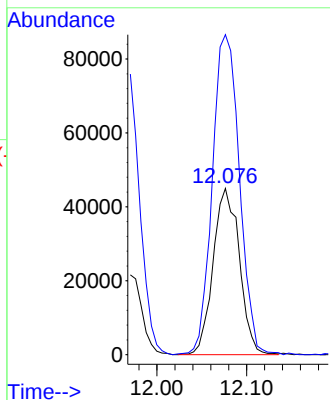
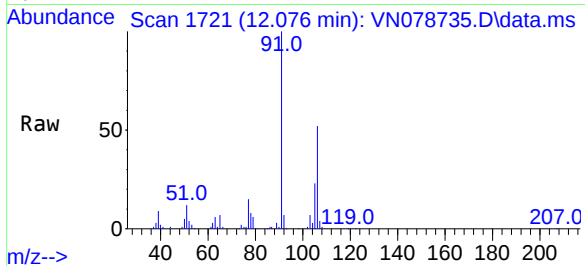




#67
m/p-Xylenes
Concen: 9.048 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

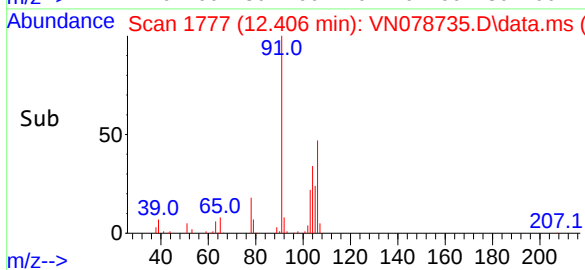
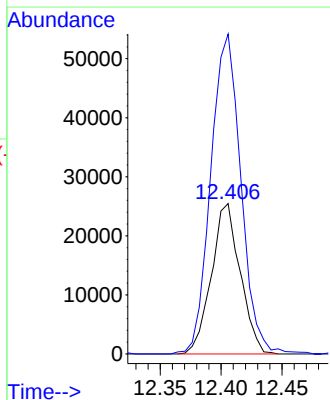
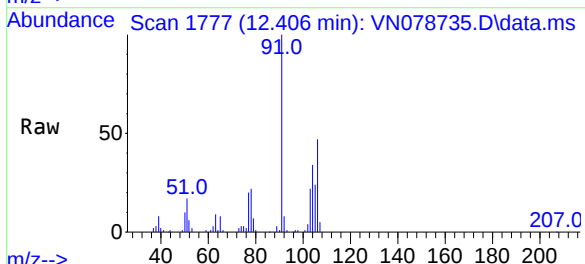
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

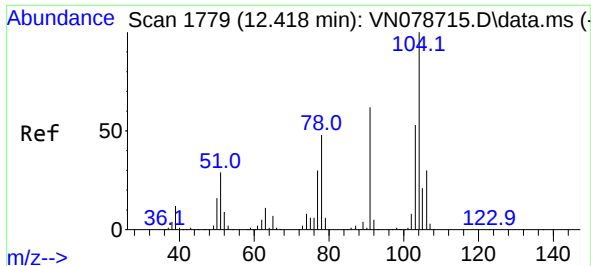
Tgt Ion:106 Resp: 91286
Ion Ratio Lower Upper
106 100
91 199.2 162.5 243.7



#68
o-Xylene
Concen: 4.079 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:106 Resp: 41876
Ion Ratio Lower Upper
106 100
91 223.1 106.1 318.3





#69

Styrene

Concen: 3.747 ug/l

RT: 12.417 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

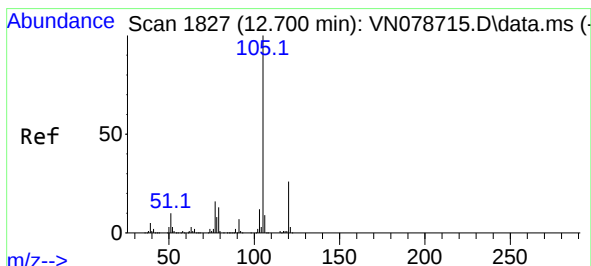
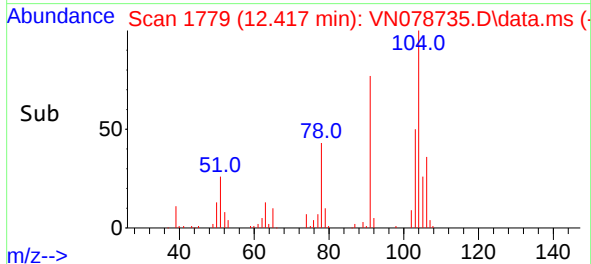
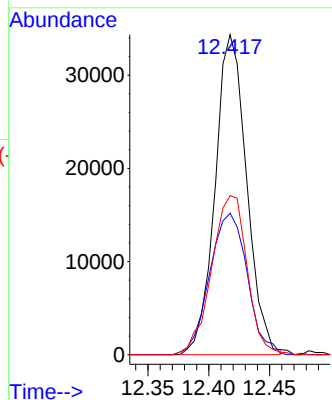
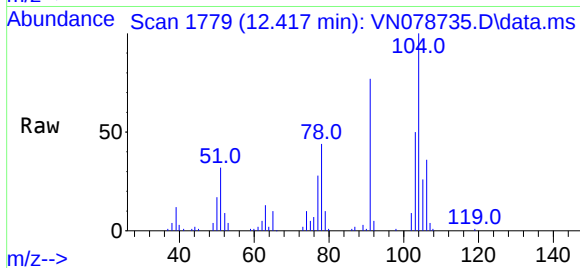
Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:104	Resp:	61897
Ion	Ratio	Lower Upper
104	100	
78	52.7	40.1 60.1
103	55.7	45.1 67.7



#70

Isopropylbenzene

Concen: 4.313 ug/l

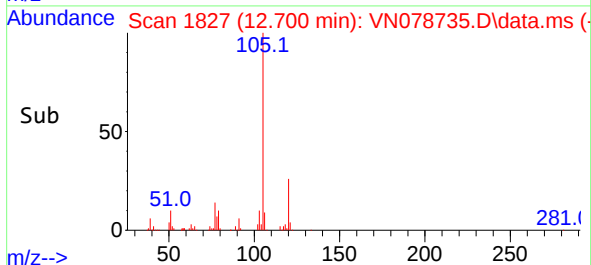
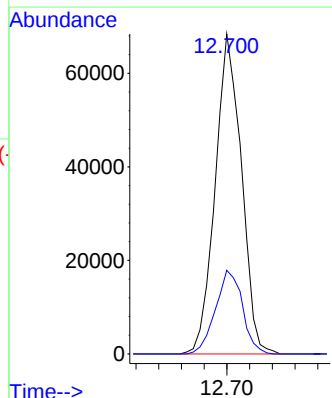
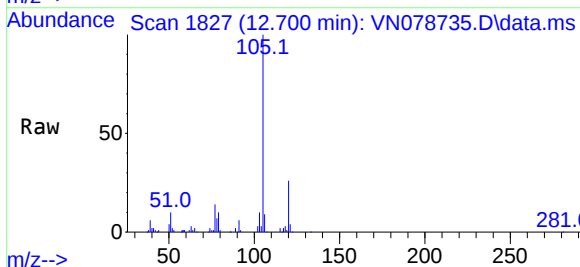
RT: 12.700 min Scan# 1827

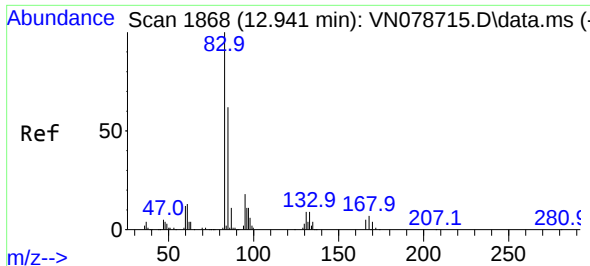
Delta R.T. -0.000 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Tgt Ion:105	Resp:	109536
Ion	Ratio	Lower Upper
105	100	
120	26.9	18.3 34.1

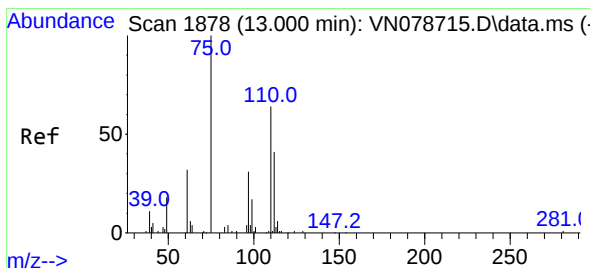
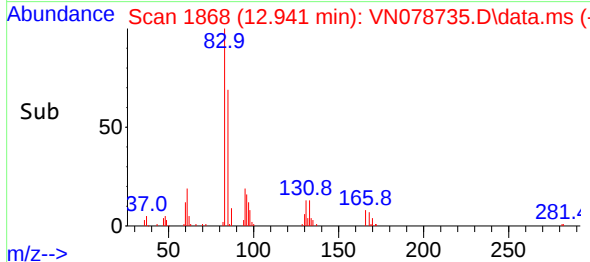
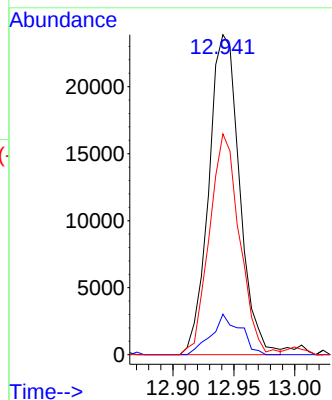
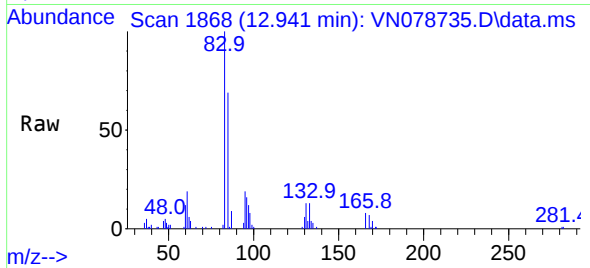




#71
1,1,2,2-Tetrachloroethane
Concen: 5.095 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

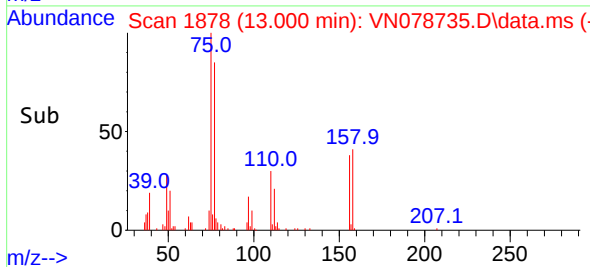
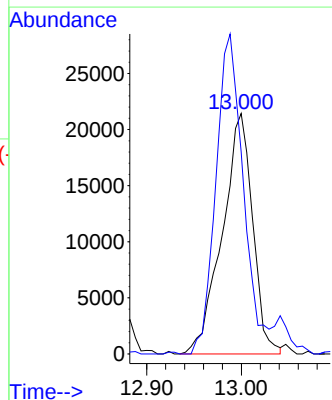
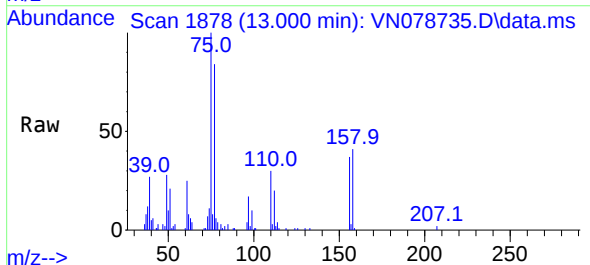
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

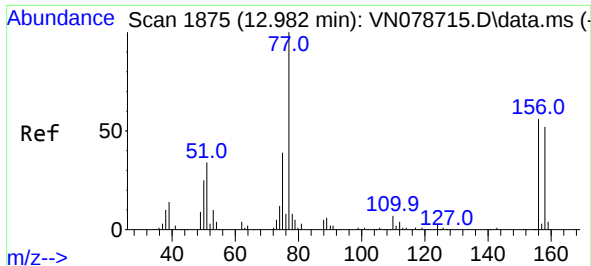
Tgt Ion: 83 Resp: 42033
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 67.0 32.6 98.0



#72
1,2,3-Trichloropropane
Concen: 6.903 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 75 Resp: 47773
Ion Ratio Lower Upper
75 100
77 116.5 0.0 387.4

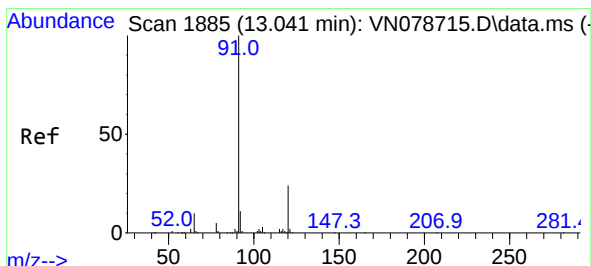
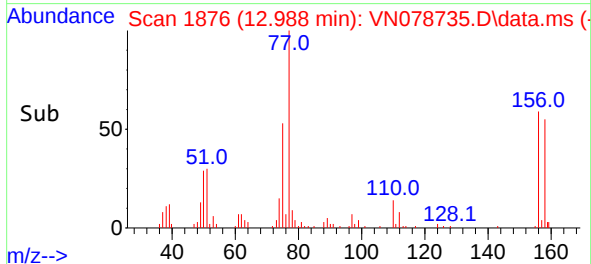
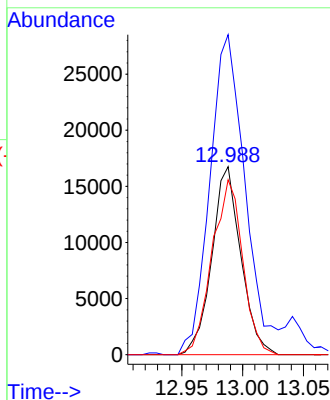
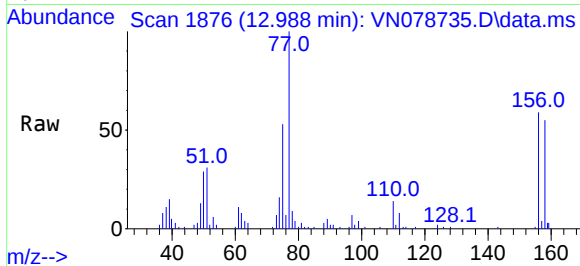




#73
Bromobenzene
Concen: 4.472 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

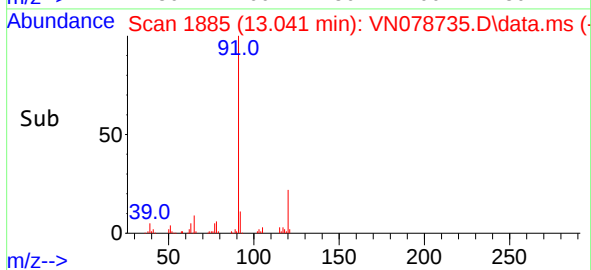
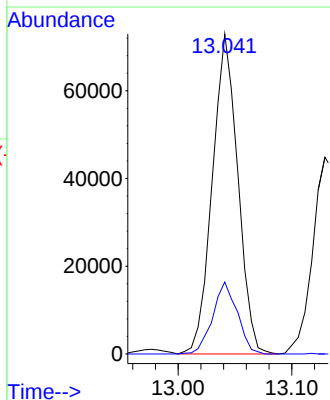
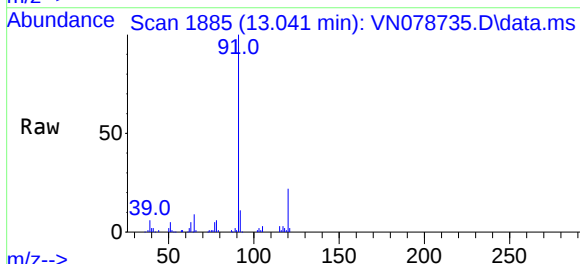
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

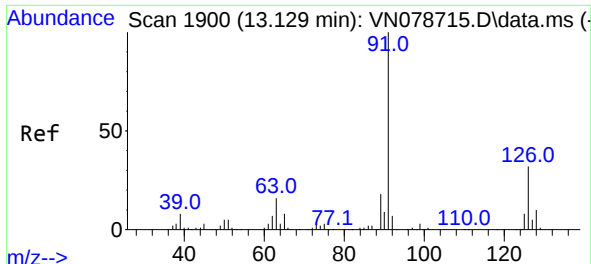
Tgt Ion:	156	Resp:	27835
Ion Ratio	Lower	Upper	
156	100		
77	199.9	0.0	420.8
158	98.0	0.0	193.2



#74
n-propylbenzene
Concen: 4.039 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:	91	Resp:	113681
Ion Ratio	Lower	Upper	
91	100		
120	21.7	0.0	44.6

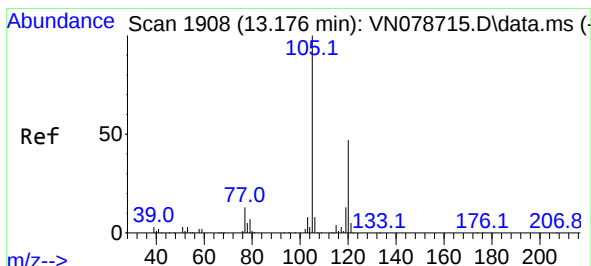
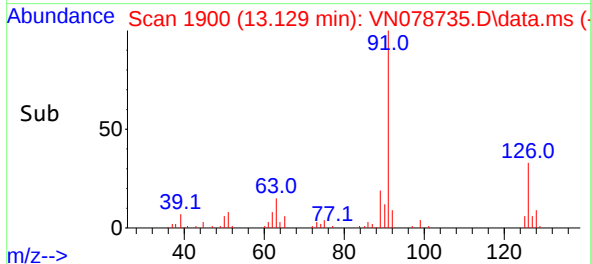
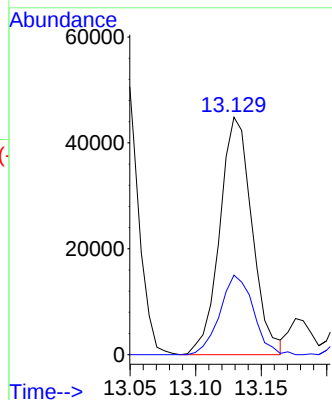
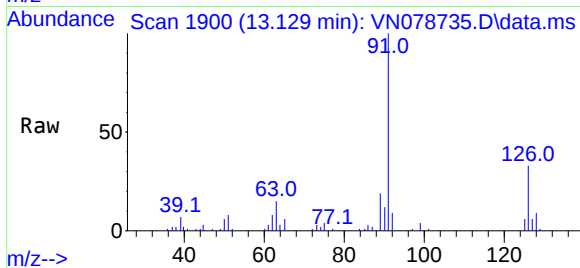




#75
2-Chlorotoluene
Concen: 3.970 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

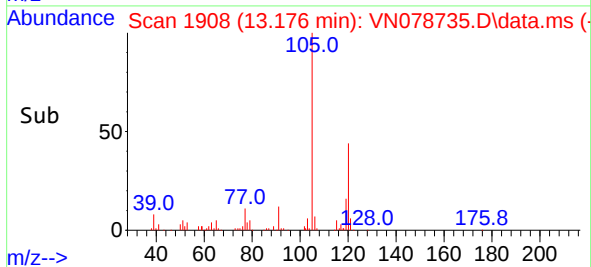
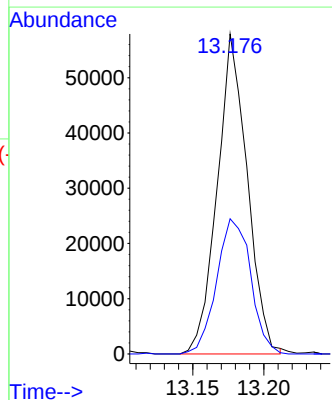
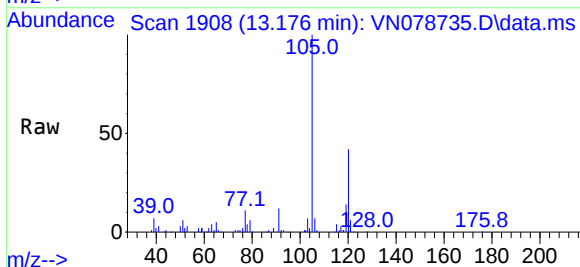
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

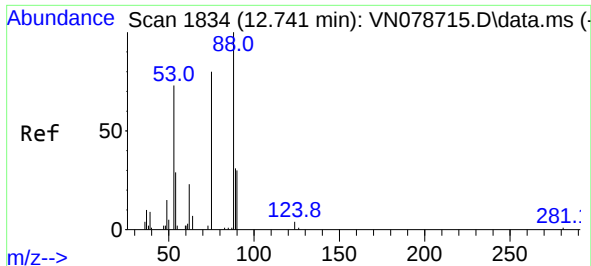
Tgt Ion: 91 Resp: 77167
Ion Ratio Lower Upper
91 100
126 34.4 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 3.749 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 105 Resp: 85003
Ion Ratio Lower Upper
105 100
120 47.9 0.0 97.2

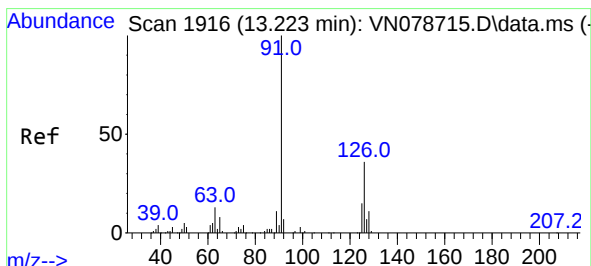
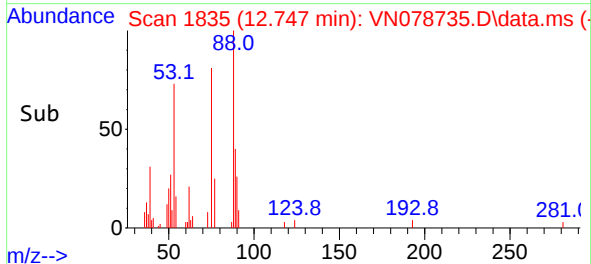
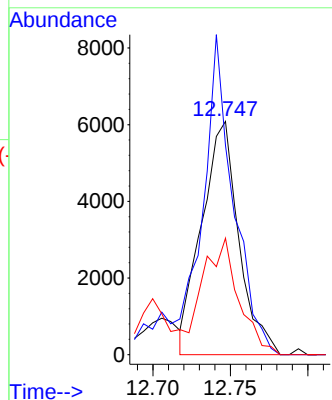
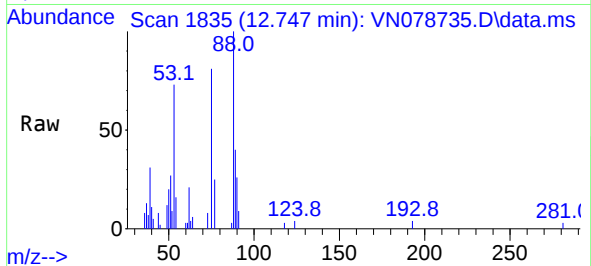




#77
t-1,4-Dichloro-2-butene
Concen: 4.191 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

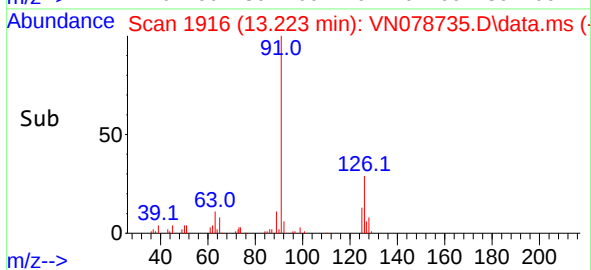
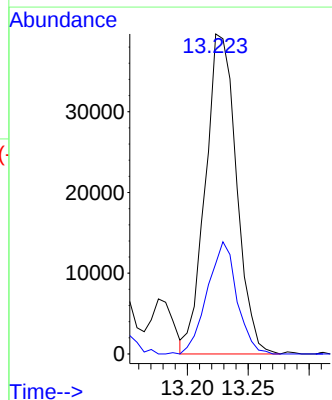
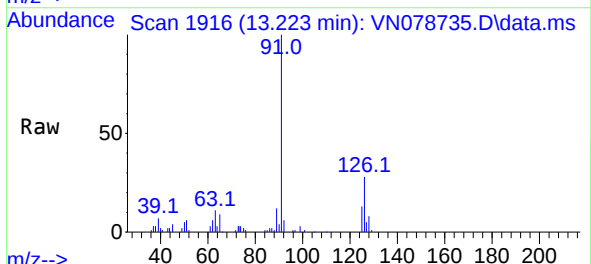
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

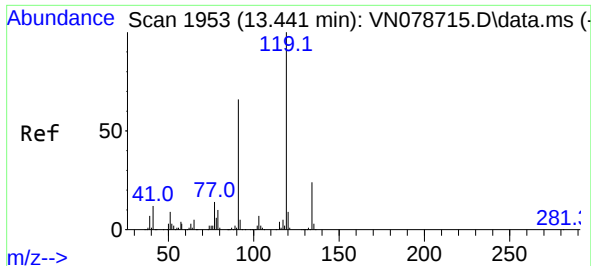
Tgt Ion:	75	Resp:	10137
Ion	Ratio	Lower	Upper
75	100		
53	89.8	41.6	124.9
89	49.9	25.1	75.4



#78
4-Chlorotoluene
Concen: 3.752 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:	91	Resp:	70415
Ion	Ratio	Lower	Upper
91	100		
126	33.3	0.0	68.8

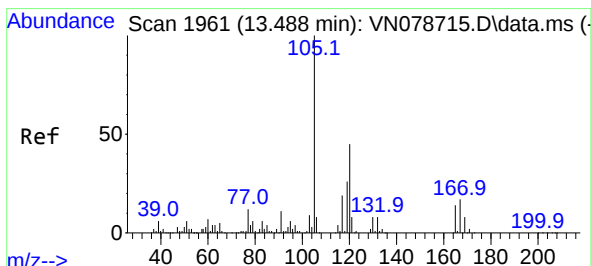
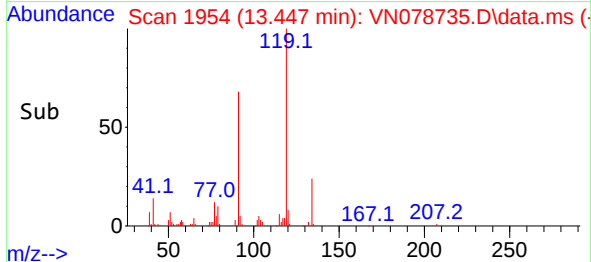
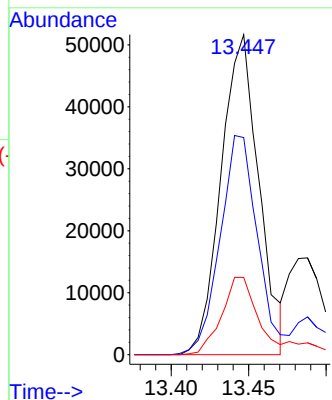
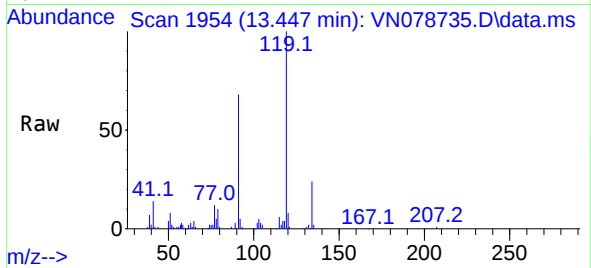




#79
tert-butylbenzene
Concen: 4.484 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

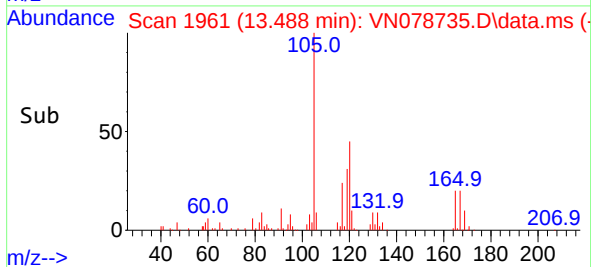
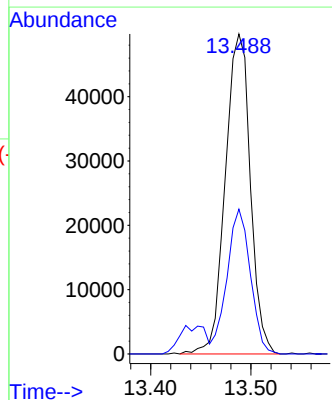
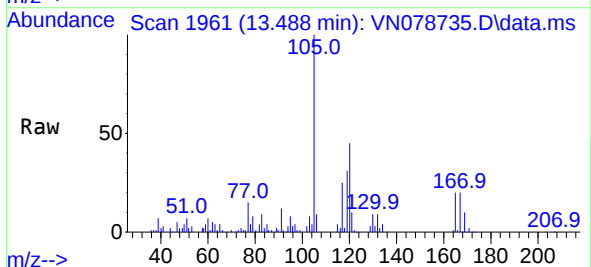
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

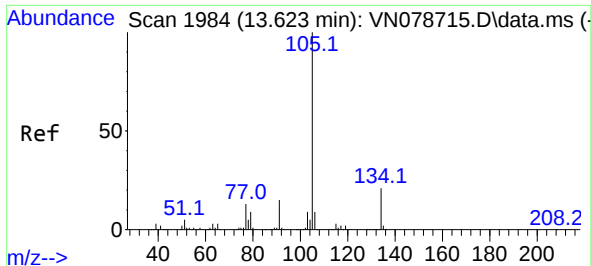
Tgt Ion:119 Resp: 87515
Ion Ratio Lower Upper
119 100
91 68.6 0.0 126.6
134 22.8 0.0 44.0



#80
1,2,4-Trimethylbenzene
Concen: 3.983 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:105 Resp: 86262
Ion Ratio Lower Upper
105 100
120 42.4 0.0 88.2

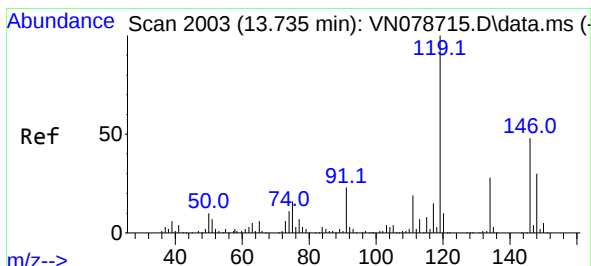
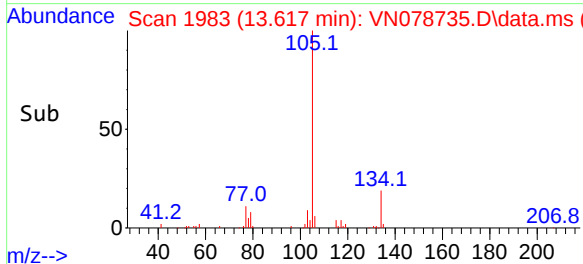
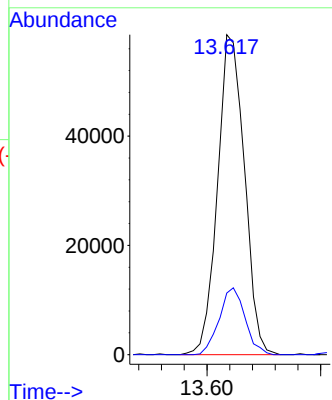
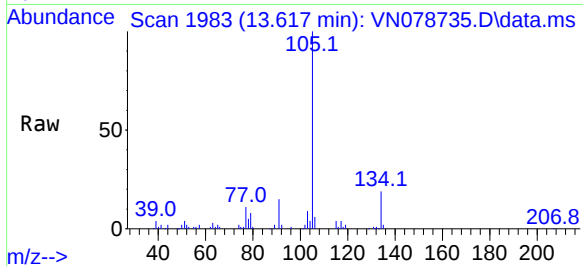




#81
 sec-Butylbenzene
 Concen: 3.849 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078735.D
 Acq: 02 Aug 2023 17:14

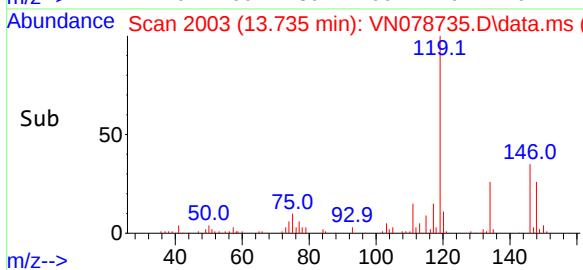
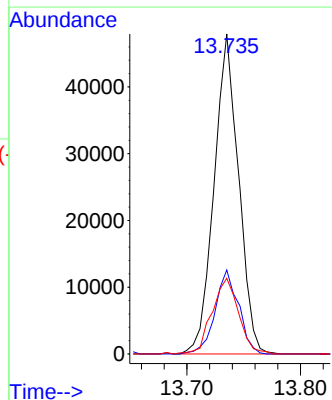
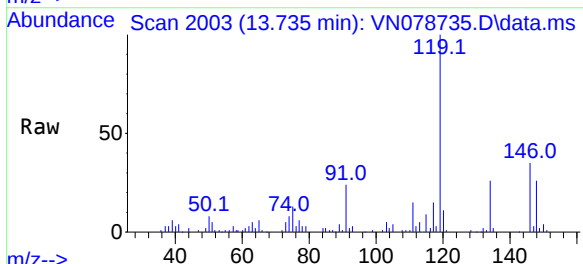
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

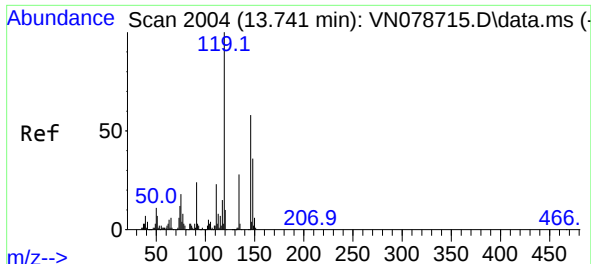
Tgt Ion:105 Resp: 96272
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 3.502 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078735.D
 Acq: 02 Aug 2023 17:14

Tgt Ion:119 Resp: 71922
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.4
 91 25.7 0.0 48.2

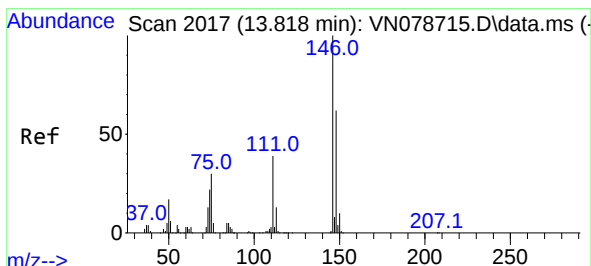
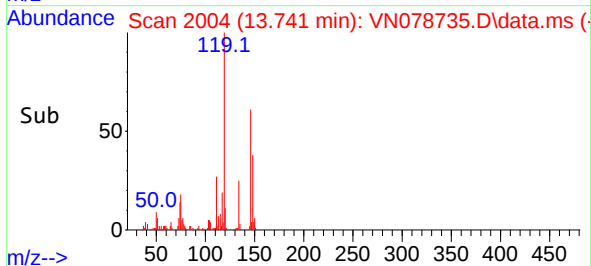
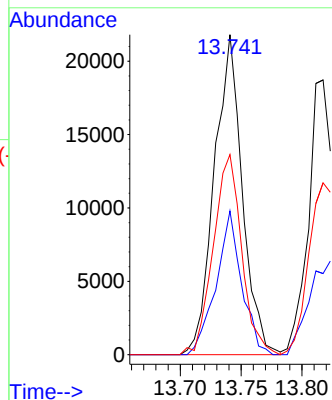
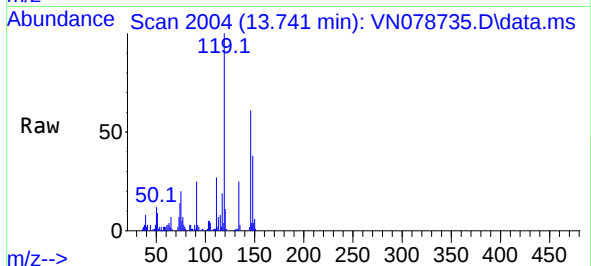




#83
1,3-Dichlorobenzene
Concen: 3.161 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

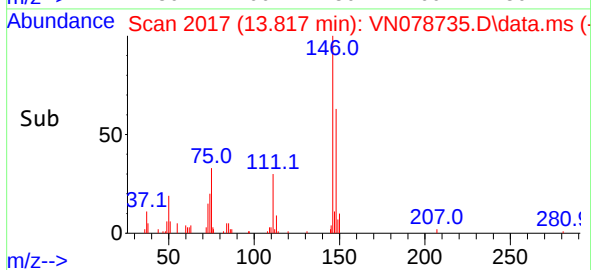
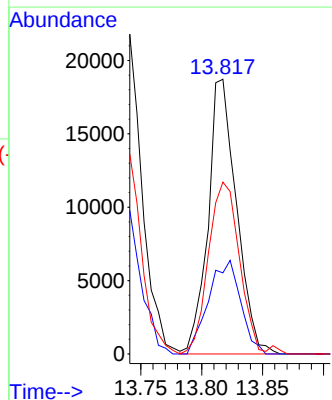
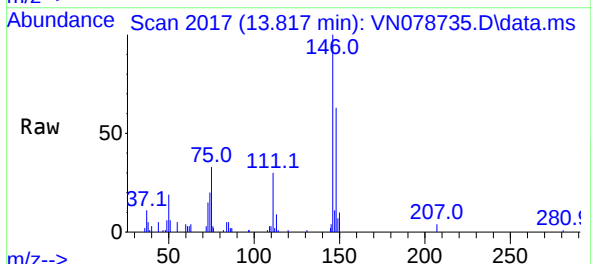
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

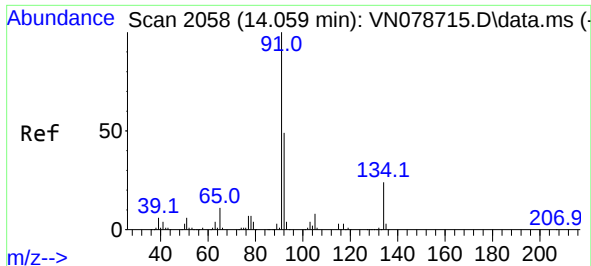
Tgt Ion:146 Resp: 34895
Ion Ratio Lower Upper
146 100
111 41.0 21.6 64.6
148 63.4 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 2.945 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:146 Resp: 30436
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 67.9 31.4 94.3

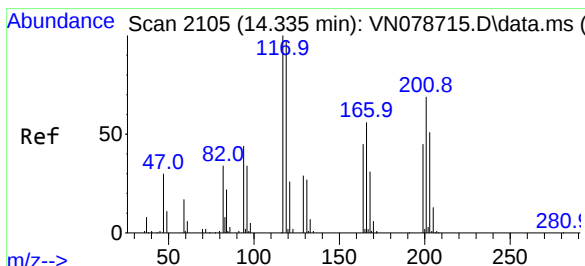
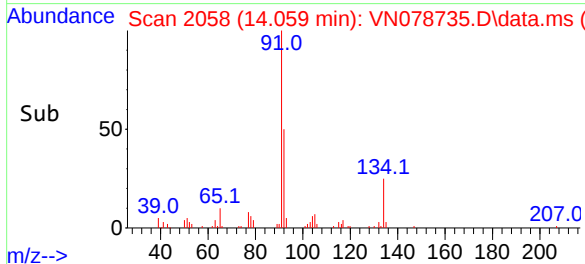
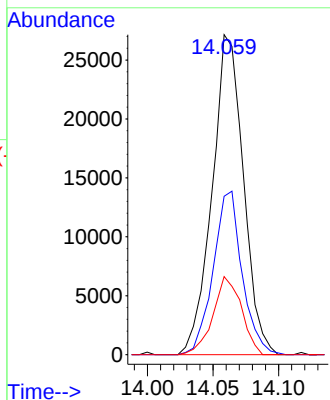
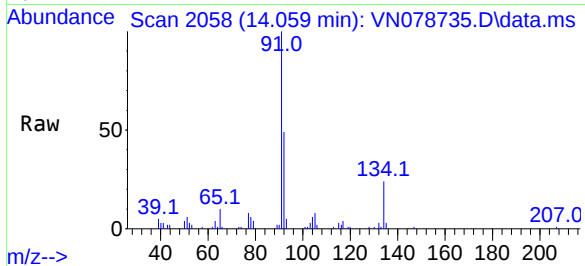




#85
n-Butylbenzene
Concen: 3.162 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

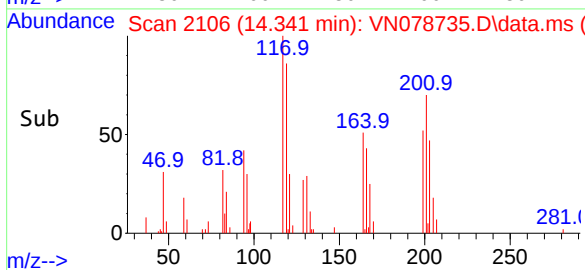
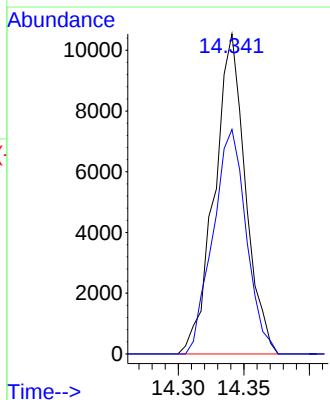
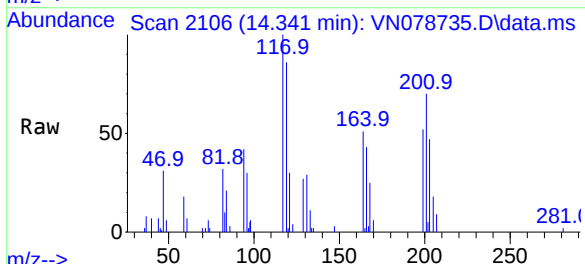
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

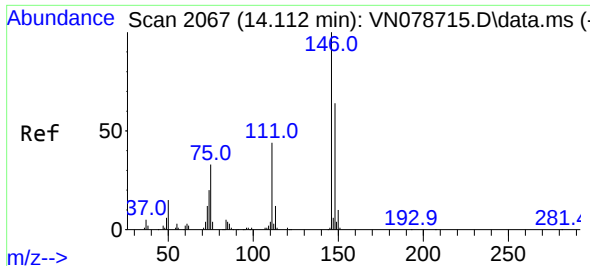
Tgt Ion:	91	Resp:	45035
Ion	Ratio	Lower	Upper
91	100		
92	47.3	0.0	99.6
134	22.2	0.0	50.0



#86
Hexachloroethane
Concen: 4.628 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:	117	Resp:	17315
Ion	Ratio	Lower	Upper
117	100		
201	75.5	34.2	102.6

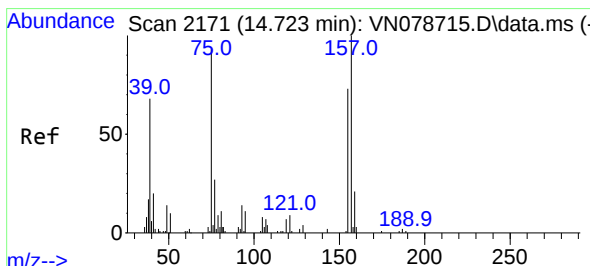
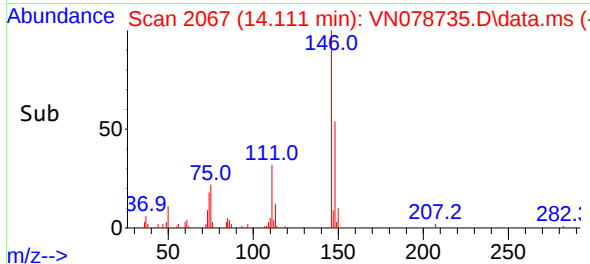
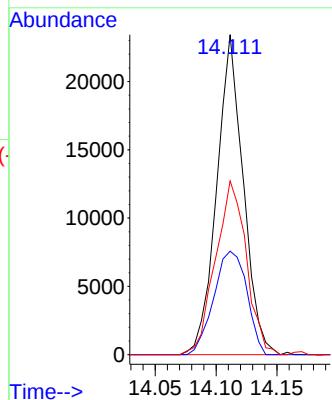
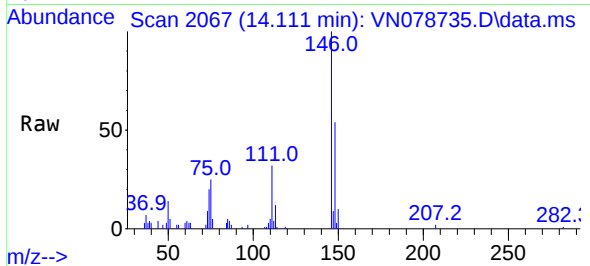




#87
1,2-Dichlorobenzene
Concen: 3.440 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

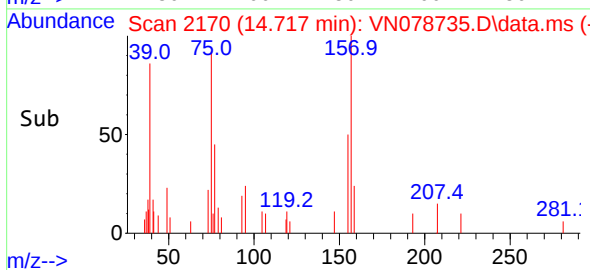
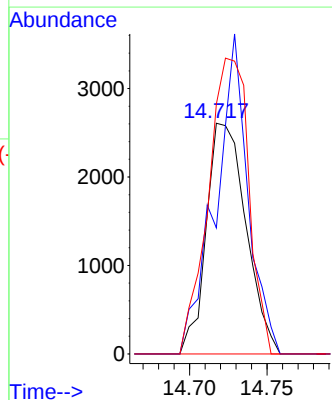
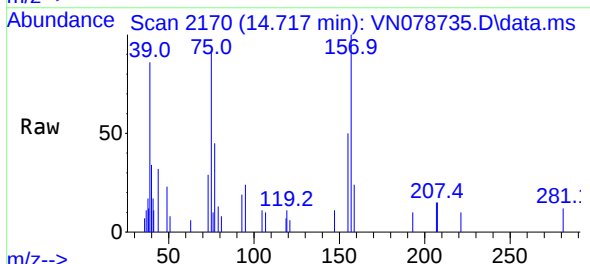
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

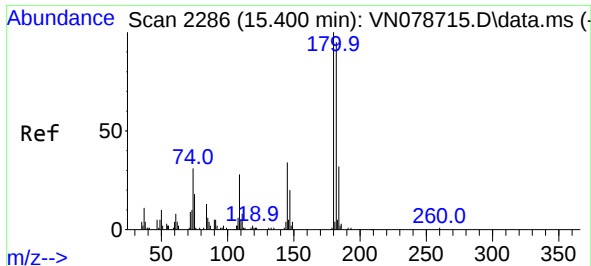
Tgt Ion:	146	Resp:	35542
Ion	Ratio	Lower	Upper
146	100		
111	40.2	22.4	67.3
148	63.0	33.4	100.1



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.311 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:	75	Resp:	4639
Ion	Ratio	Lower	Upper
75	100		
155	114.0	68.2	102.2#
157	131.0	84.7	127.1#

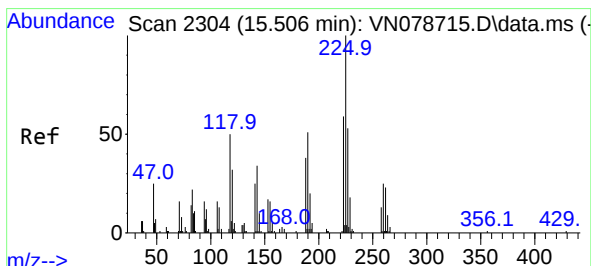
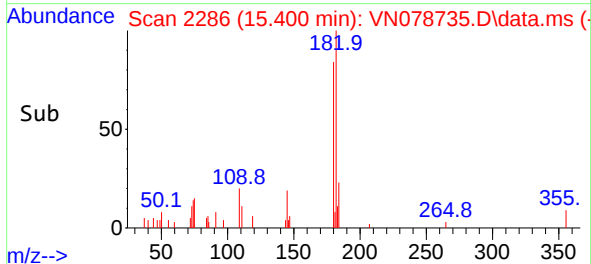
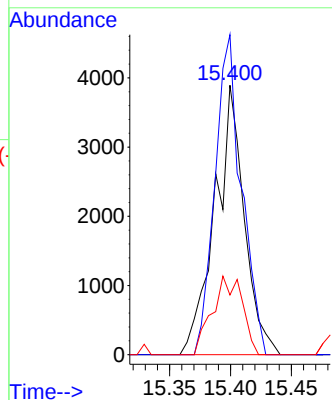
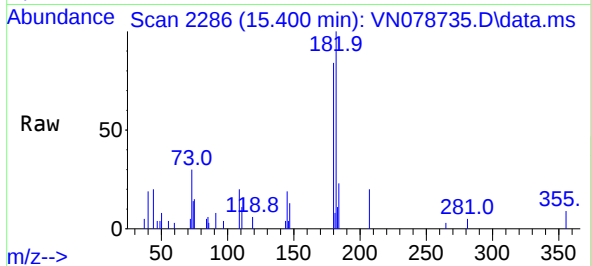




#89
 1,2,4-Trichlorobenzene
 Concen: 2.216 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078735.D
 Acq: 02 Aug 2023 17:14

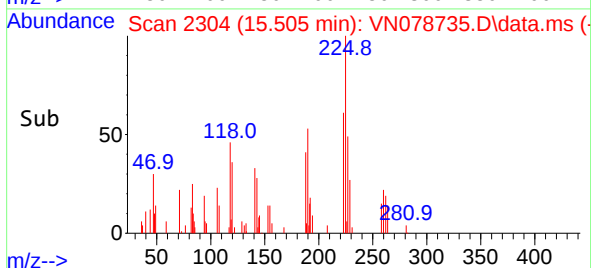
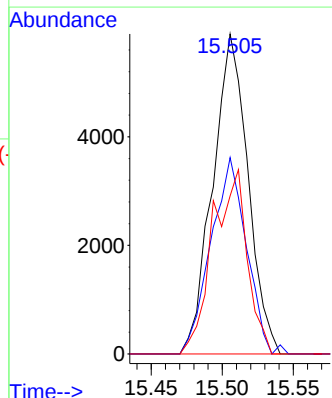
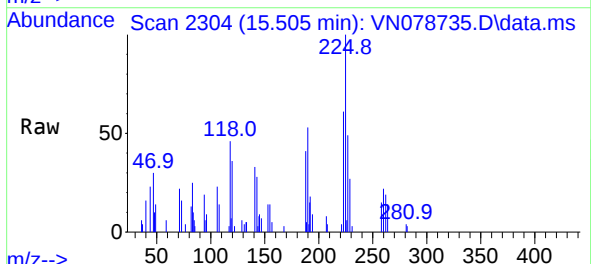
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

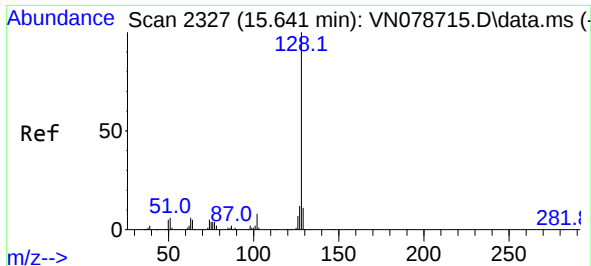
Tgt Ion:180 Resp: 6532
 Ion Ratio Lower Upper
 180 100
 182 107.4 73.7 110.5
 145 29.7 25.0 37.6



#90
 Hexachlorobutadiene
 Concen: 4.530 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078735.D
 Acq: 02 Aug 2023 17:14

Tgt Ion:225 Resp: 10172
 Ion Ratio Lower Upper
 225 100
 223 61.4 0.0 130.0
 227 32.4 0.0 124.0

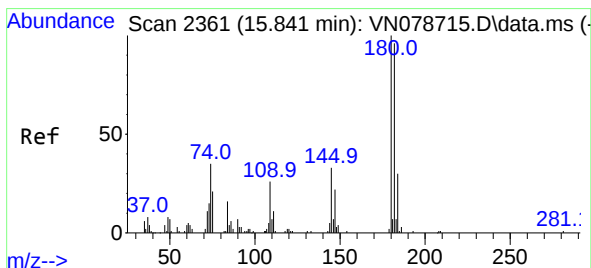
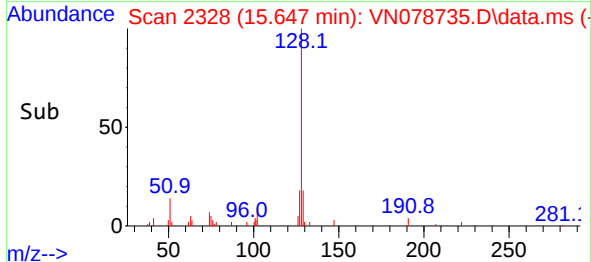
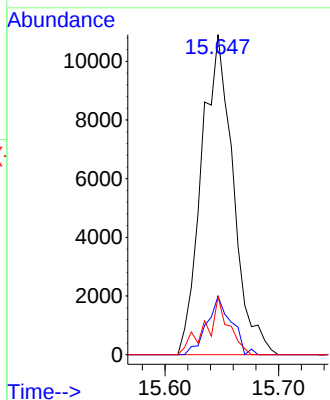
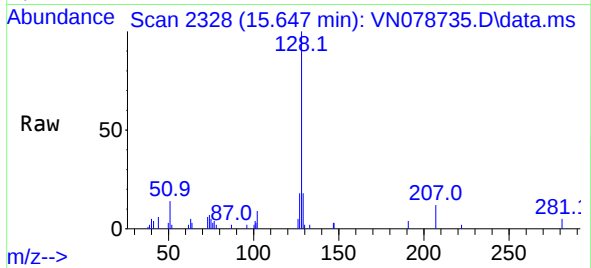




#91
Naphthalene
Concen: 2.364 ug/l
RT: 15.647 min Scan# 21108
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

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

Tgt Ion:128	Resp:	21108
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.2 15.2
129	13.1	9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 2.398 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:180	Resp:	8045
Ion Ratio	Lower	Upper
180	100	
182	108.5	0.0 196.4
145	32.9	0.0 71.0

