

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078726.D
 Acq On : 01 Aug 2023 19:49
 Operator : JC\MD
 Sample : 03572-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 02 04:28:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:20:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	96351	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	523702	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	450772	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	214789	29.739	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.133%		
60) 4-Bromofluorobenzene	12.853	95	166337	24.623	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	82.067%		
63) Toluene-d8	10.571	98	662199	29.738	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.133%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	34986	5.757	ug/l	98
3) Chloromethane	2.371	50	49195	6.576	ug/l	99
4) Vinyl Chloride	2.518	62	60646	5.965	ug/l	90
5) Bromomethane	2.959	94	43546	5.730	ug/l	96
6) Chloroethane	3.118	64	43636	6.590	ug/l	93
7) Trichlorofluoromethane	3.501	101	87153	8.357	ug/l	97
8) Diethyl Ether	3.977	74	17776	5.221	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	28320	5.059	ug/l #	31
10) 1,1-Dichloroethene	4.359	96	27979	5.212	ug/l	93
11) Methyl Iodide	4.606	142	38297	5.076	ug/l	91
12) Methyl Acetate	5.036	43	46111	5.296	ug/l	90
13) Acrolein	4.189	56	23834	25.706	ug/l	97
14) Acrylonitrile	5.736	53	62846	24.650	ug/l	98
15) Acetone	4.442	58	15910	21.538	ug/l	75
16) Carbon Disulfide	4.724	76	73597	4.854	ug/l	99
17) Allyl chloride	5.036	41	33476	4.567	ug/l	89
18) Methylene Chloride	5.283	84	37267	5.787	ug/l	88
19) trans-1,2-Dichloroethene	5.795	96	32832	5.290	ug/l	84
20) Diisopropyl ether	6.683	45	79701	4.830	ug/l #	88
21) 1,1-Dichloroethane	6.583	63	56131	5.137	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	35182	5.048	ug/l	95
23) tert-Butyl Alcohol	5.530	59	14739	14.147	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	57483	3.185	ug/l	97
25) Chloroform	7.977	83	57822	4.998	ug/l	96
26) Cyclohexane	8.265	56	38487	4.781	ug/l #	100
29) 1,1-Dichloropropene	8.383	75	39260	5.095	ug/l	99
30) 2-Butanone	7.500	43	78080	25.632	ug/l	96
31) 2,2-Dichloropropane	7.500	77	41800	4.727	ug/l #	88
32) 1,1,1-Trichloroethane	8.177	97	52226	5.357	ug/l	94
33) Carbon Tetrachloride	8.371	117	46739	5.398	ug/l	91
34) Benzene	8.612	78	126751	5.476	ug/l #	90
35) Methacrylonitrile	7.789	41	15987	4.779	ug/l	83
36) 1,2-Dichloroethane	8.677	62	43910	5.401	ug/l	99
37) Trichloroethene	9.359	130	32032	4.931	ug/l	97
38) Methylcyclohexane	9.606	83	36764	4.643	ug/l	97
39) 1,2-Dichloropropane	9.630	63	32252	5.197	ug/l	98
40) Dibromomethane	9.712	93	23095	5.377	ug/l	94
41) Bromodichloromethane	9.900	83	45411	5.289	ug/l	97
42) Vinyl Acetate	6.618	43	246825	25.203	ug/l	100

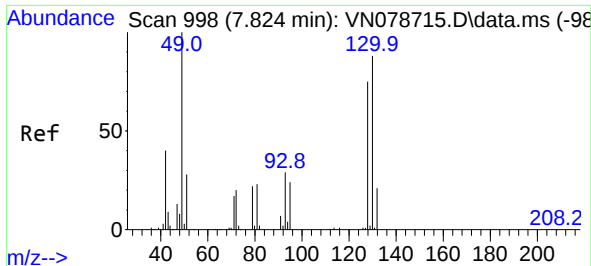
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	27033	4.293	ug/l #	79
44) Isopropyl Acetate	8.700	43	59936	5.425	ug/l #	69
45) 1,4-Dioxane	9.700	88	10192	100.277	ug/l #	88
46) Methyl methacrylate	9.688	41	24179	4.779	ug/l	93
47) n-amyl Acetate	12.500	43	35871	4.215	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	43964	4.797	ug/l	92
49) cis-1,3-Dichloropropene	10.318	75	46326	4.759	ug/l	95
50) 1,1,2-Trichloroethane	11.024	97	32325	5.317	ug/l	91
51) Ethyl methacrylate	10.877	69	40131	4.821	ug/l	95
52) 1,3-Dichloropropane	11.165	76	50440	4.616	ug/l	99
53) Dibromochloromethane	11.365	129	39255	5.716	ug/l	100
54) 1,2-Dibromoethane	11.477	107	30776	5.041	ug/l	91
55) 2-Chloroethyl vinyl ether	10.165	63	65578	24.725	ug/l	98
56) Bromoform	12.582	173	22380	4.980	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	161560	23.945	ug/l	99
59) 2-Hexanone	11.200	43	112965	22.112	ug/l	96
61) Tetrachloroethene	11.112	164	27144	4.579	ug/l #	84
62) Toluene	10.635	91	138556	5.110	ug/l	98
64) Chlorobenzene	11.900	112	81041	5.119	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	31540	5.052	ug/l	98
66) Ethyl Benzene	11.971	91	133764	4.895	ug/l	96
67) m/p-Xylenes	12.071	106	93971	9.002	ug/l	96
68) o-Xylene	12.400	106	46456	4.374	ug/l	94
69) Styrene	12.418	104	66907	3.915	ug/l	99
70) Isopropylbenzene	12.700	105	115771	4.406	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	39382	4.614	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	46713	6.524	ug/l	51
73) Bromobenzene	12.988	156	29878	4.639	ug/l	89
74) n-propylbenzene	13.041	91	122895	4.220	ug/l	100
75) 2-Chlorotoluene	13.129	91	77574	3.857	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	94180	4.015	ug/l	96
77) t-1,4-Dichloro-2-butene	12.741	75	9888	3.951	ug/l	70
78) 4-Chlorotoluene	13.229	91	67429	3.472	ug/l	99
79) tert-butylbenzene	13.441	119	80796	4.001	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	82341	3.675	ug/l	96
81) sec-Butylbenzene	13.618	105	96419	3.726	ug/l	98
82) p-Isopropyltoluene	13.729	119	74684	3.515	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	37172	3.255	ug/l	94
84) 1,4-Dichlorobenzene	13.818	146	35048	3.278	ug/l	96
85) n-Butylbenzene	14.059	91	47364	3.215	ug/l	95
86) Hexachloroethane	14.335	117	19269	4.977	ug/l	92
87) 1,2-Dichlorobenzene	14.118	146	38570	3.608	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.729	75	5402	3.727	ug/l	94
89) 1,2,4-Trichlorobenzene	15.847	180	10260	3.364	ug/l	97
90) Hexachlorobutadiene	15.500	225	10924	4.702	ug/l	96
91) Naphthalene	15.647	128	24689	2.672	ug/l #	96
92) 1,2,3-Trichlorobenzene	15.847	180	10367	2.987	ug/l	90

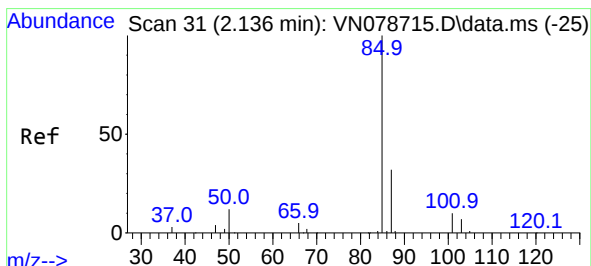
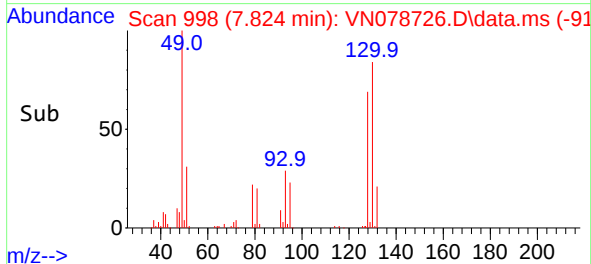
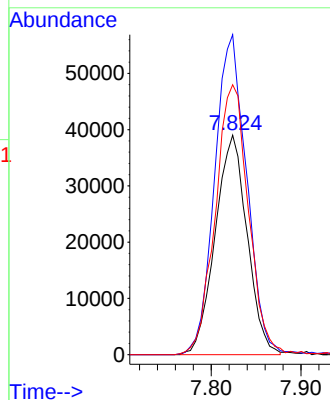
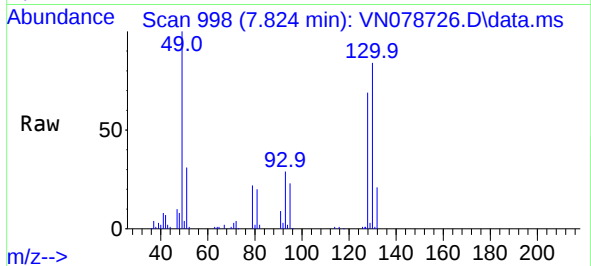
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

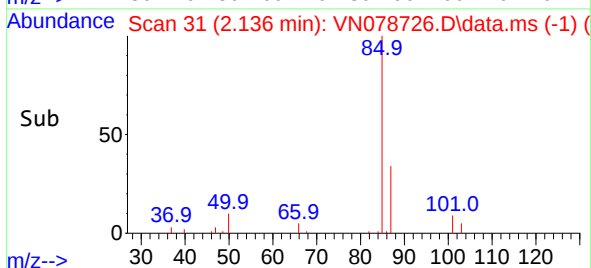
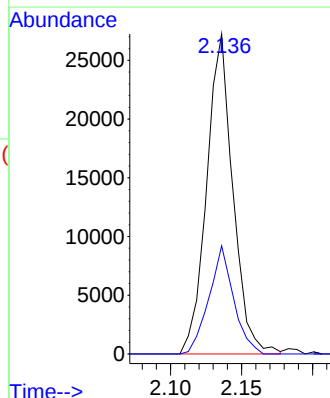
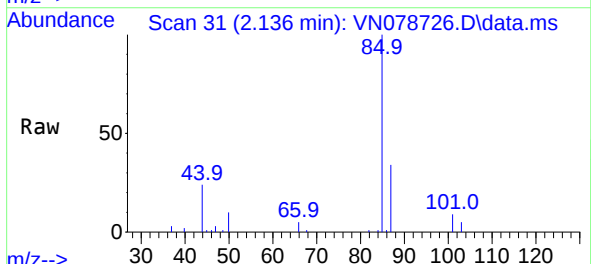
Instrument :
MSVOA_N
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LOQ-WATER-02-QT3-2023

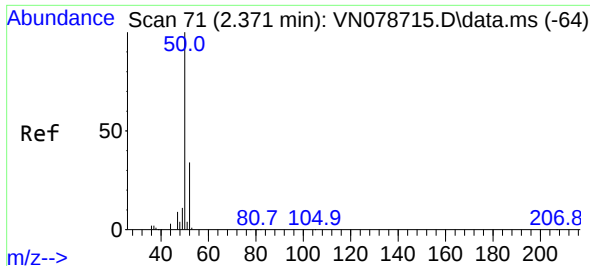
Tgt Ion:128 Resp: 96351
Ion Ratio Lower Upper
128 100
49 145.8 0.0 370.8
130 127.2 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 5.757 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 85 Resp: 34986
Ion Ratio Lower Upper
85 100
87 33.8 16.4 49.4

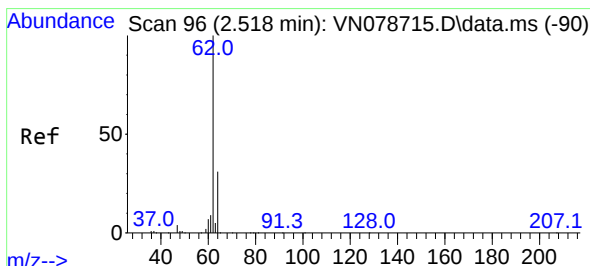
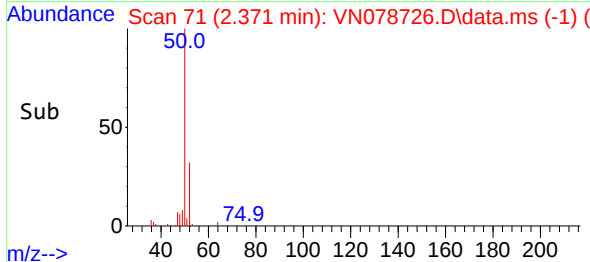
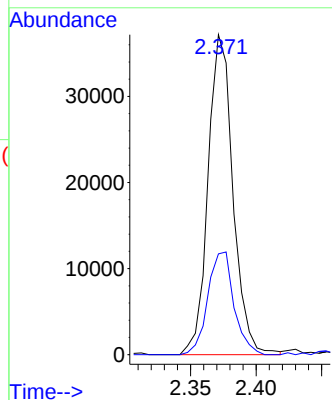
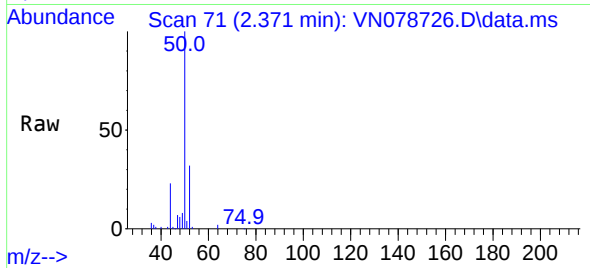




#3
Chloromethane
Concen: 6.576 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

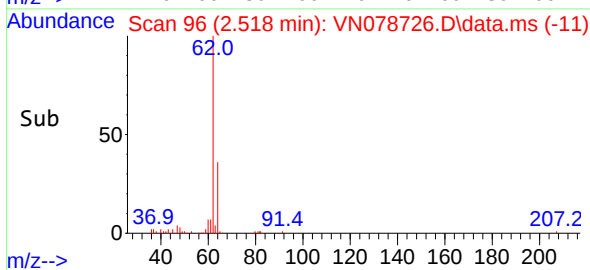
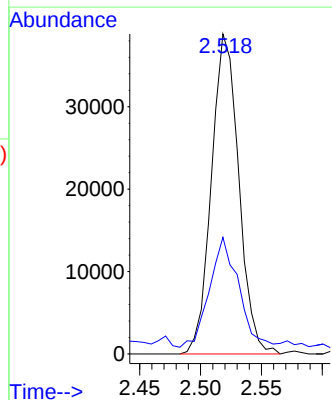
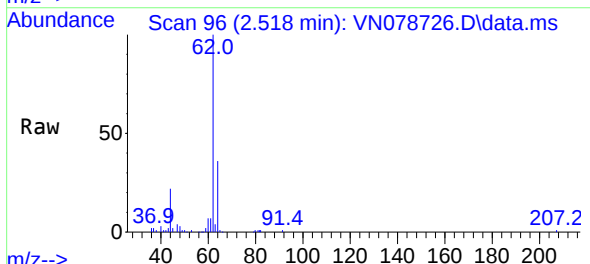
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

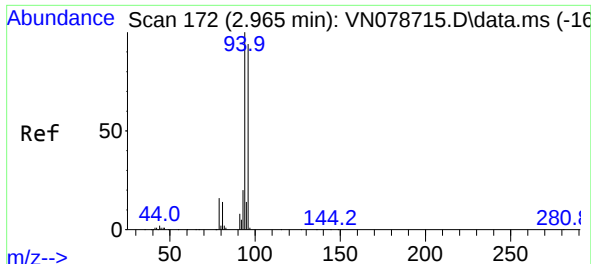
Tgt Ion: 50 Resp: 49195
Ion Ratio Lower Upper
50 100
52 31.5 24.6 36.8



#4
Vinyl Chloride
Concen: 5.965 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 62 Resp: 60646
Ion Ratio Lower Upper
62 100
64 34.4 23.3 34.9

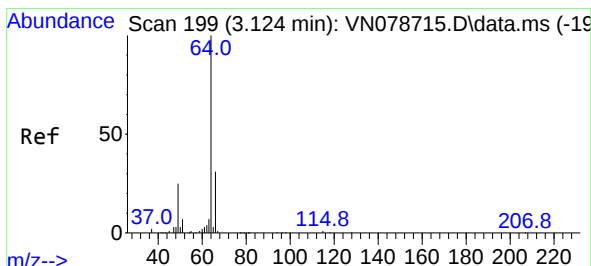
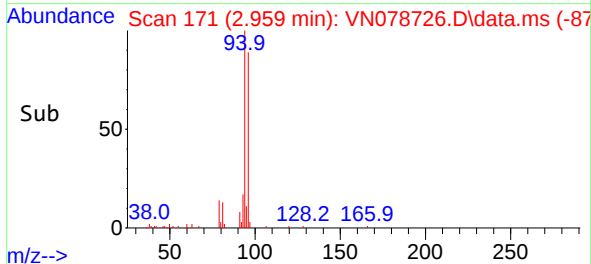
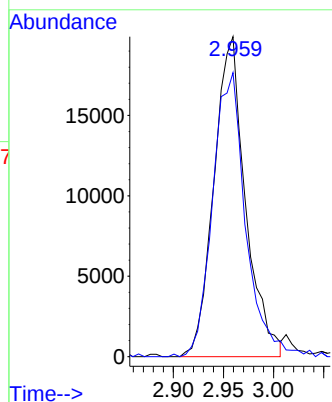
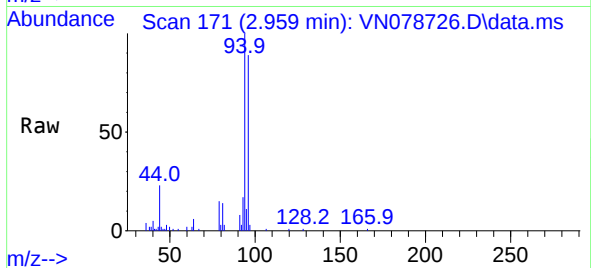




#5
Bromomethane
Concen: 5.730 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

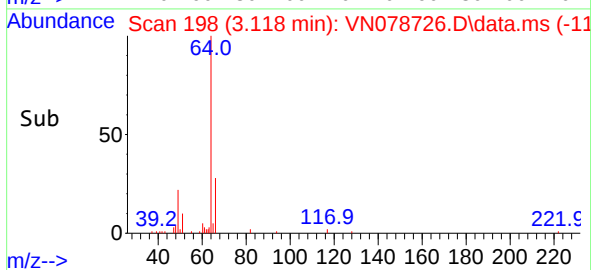
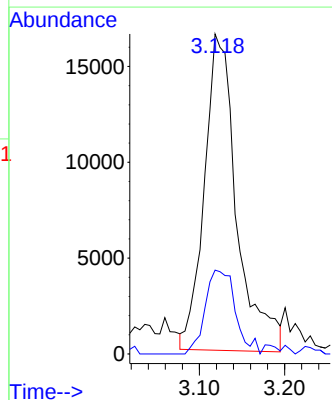
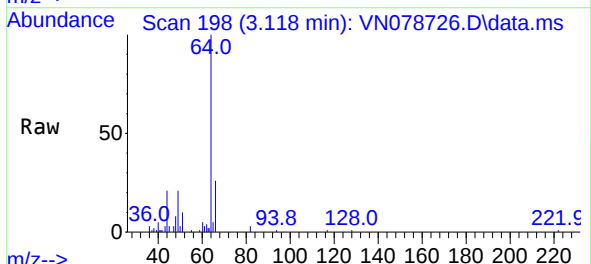
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

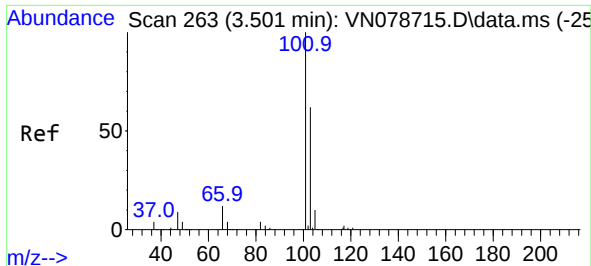
Tgt Ion: 94 Resp: 43546
Ion Ratio Lower Upper
94 100
96 88.7 73.9 110.9



#6
Chloroethane
Concen: 6.590 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 64 Resp: 43636
Ion Ratio Lower Upper
64 100
66 28.0 25.7 38.5

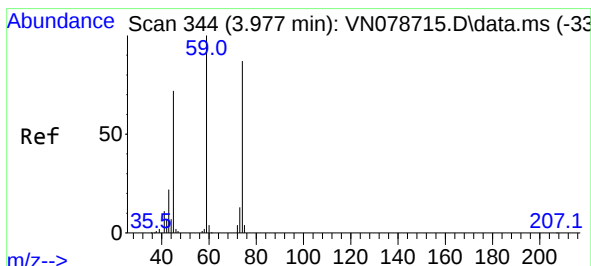
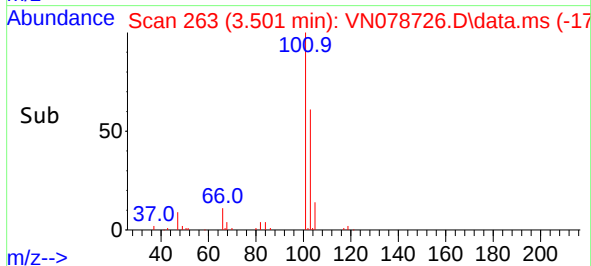
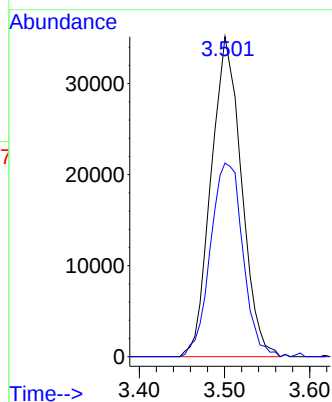
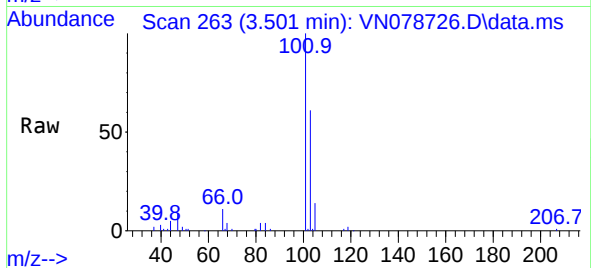




#7
Trichlorofluoromethane
Concen: 8.357 ug/l
RT: 3.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

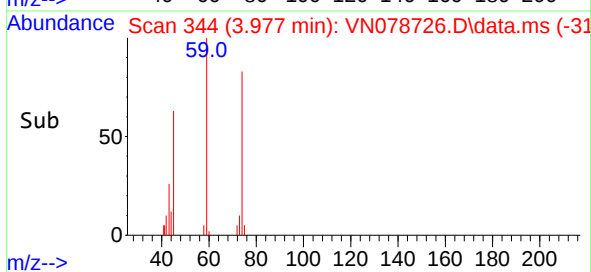
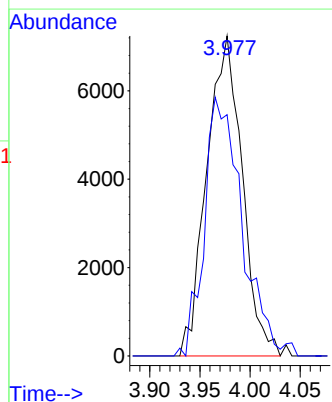
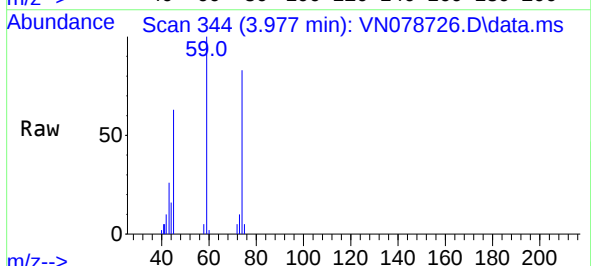
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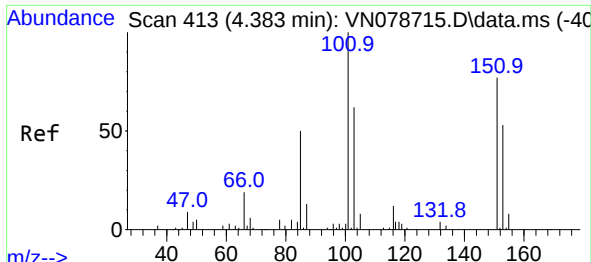
Tgt Ion:101 Resp: 87153
Ion Ratio Lower Upper
101 100
103 60.5 50.4 75.6



#8
Diethyl Ether
Concen: 5.221 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 74 Resp: 17776
Ion Ratio Lower Upper
74 100
45 76.7 16.3 146.5

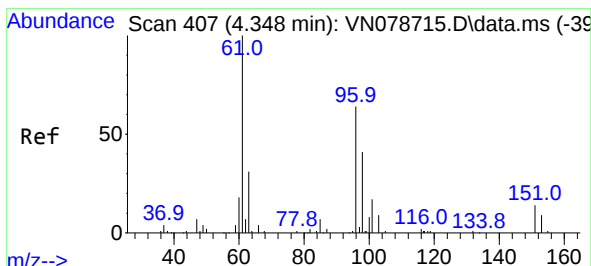
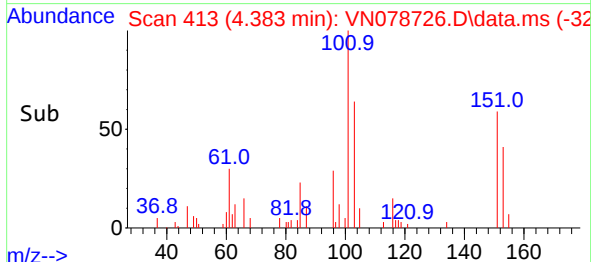
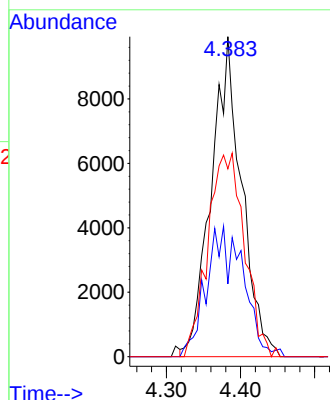
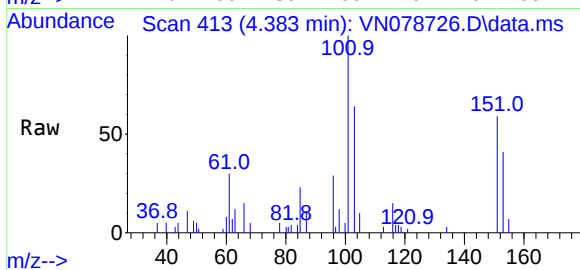




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.059 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

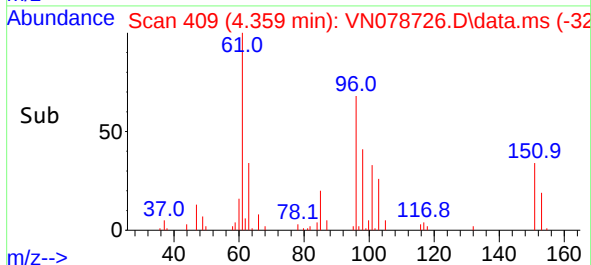
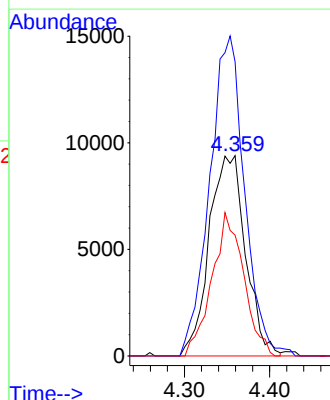
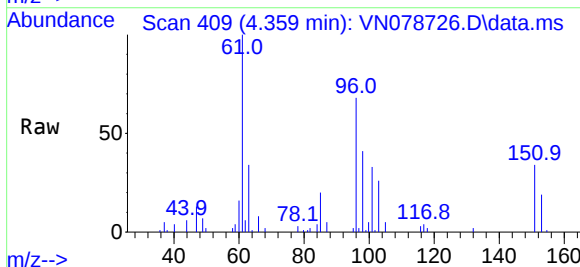
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

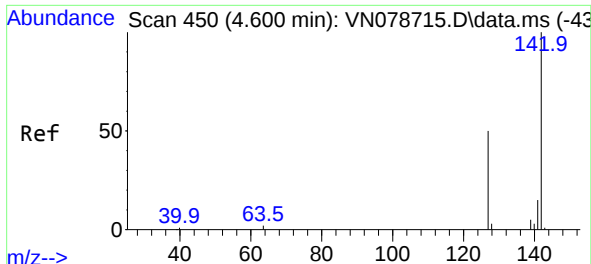
Tgt Ion:101 Resp: 28320
Ion Ratio Lower Upper
101 100
85 20.8 0.0 89.2
151 0.0 0.0 148.8



#10
1,1-Dichloroethene
Concen: 5.212 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.011 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 96 Resp: 27979
Ion Ratio Lower Upper
96 100
61 146.9 123.4 185.2
98 60.4 53.7 80.5

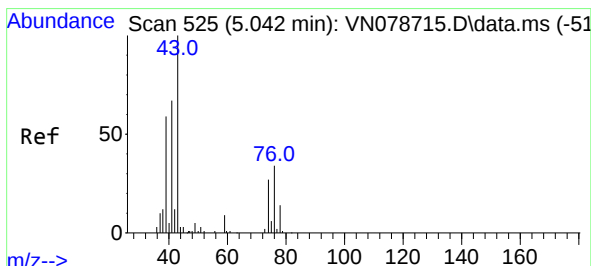
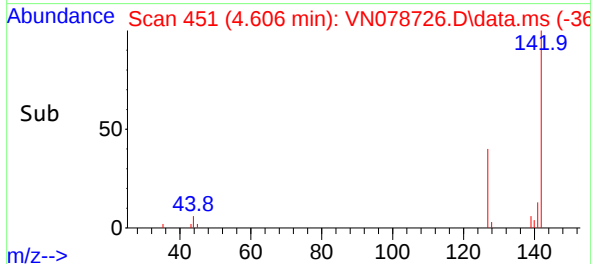
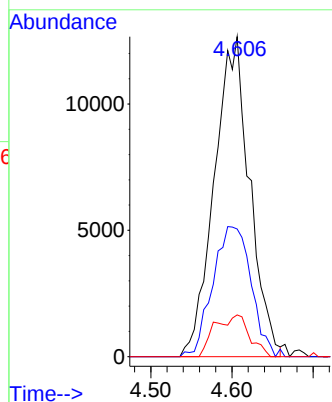
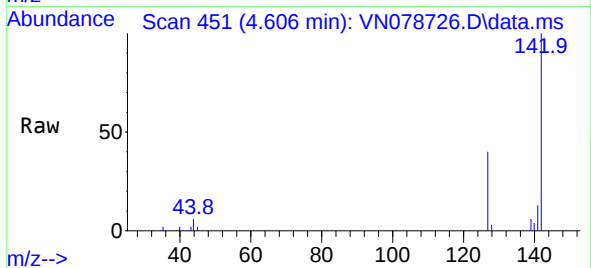




#11
Methyl Iodide
Concen: 5.076 ug/l
RT: 4.606 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

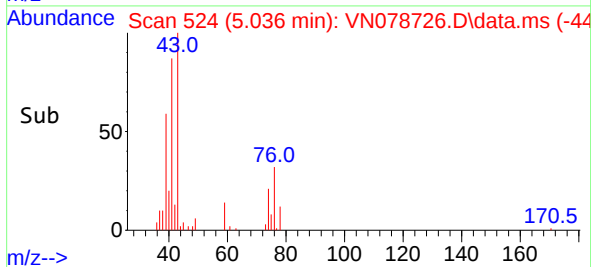
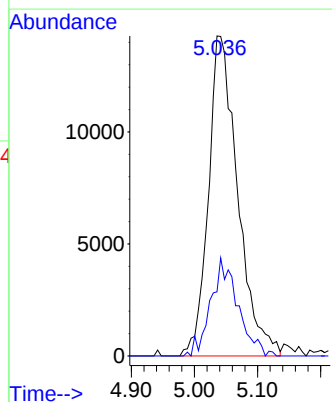
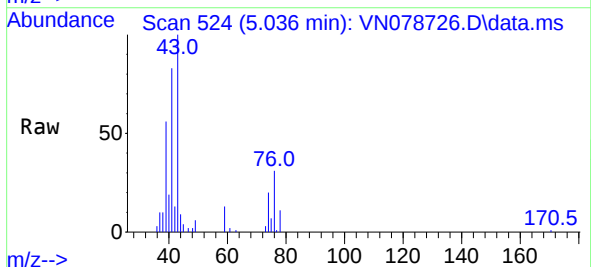
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion:142 Resp: 38297
Ion Ratio Lower Upper
142 100
127 39.3 23.2 69.5
141 13.2 7.2 21.7

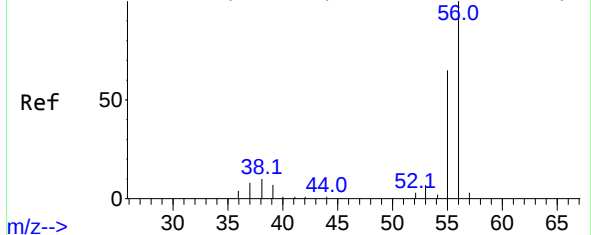


#12
Methyl Acetate
Concen: 5.296 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 43 Resp: 46111
Ion Ratio Lower Upper
43 100
74 20.7 20.5 30.7



Abundance Scan 380 (4.189 min): VN078715.D\data.ms (-37



#13

Acrolein

Concen: 25.706 ug/l

RT: 4.189 min Scan# 380

Delta R.T. -0.000 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

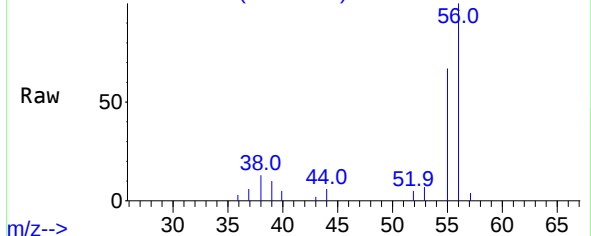
Tgt Ion: 56 Resp: 23834

Ion Ratio Lower Upper

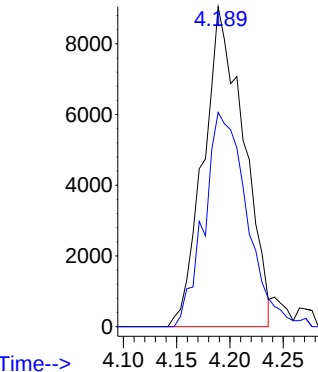
56 100

55 70.9 59.0 88.4

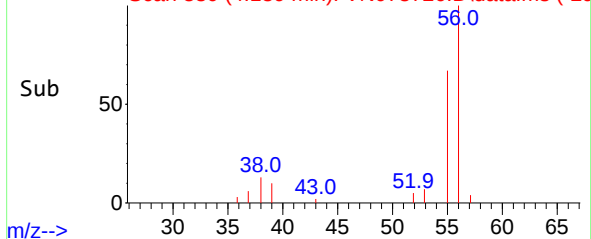
Abundance Scan 380 (4.189 min): VN078726.D\data.ms (-37



Abundance

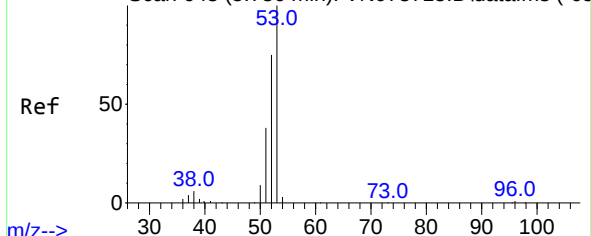


Abundance Scan 380 (4.189 min): VN078726.D\data.ms (-29



Time-->

Abundance Scan 643 (5.736 min): VN078715.D\data.ms (-63



#14

Acrylonitrile

Concen: 24.650 ug/l

RT: 5.736 min Scan# 643

Delta R.T. -0.000 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

Tgt Ion: 53 Resp: 62846

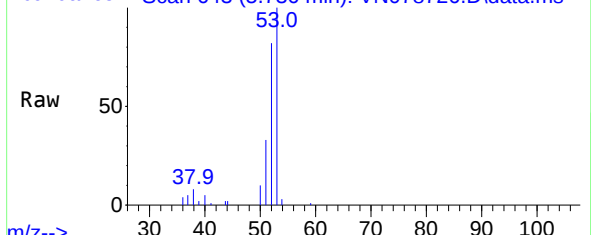
Ion Ratio Lower Upper

53 100

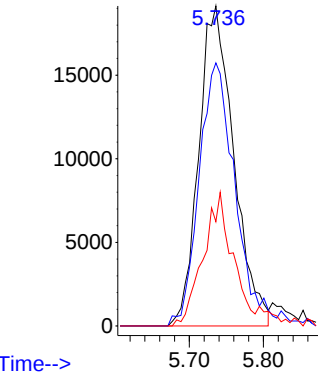
52 83.3 42.3 126.9

51 34.9 18.4 55.4

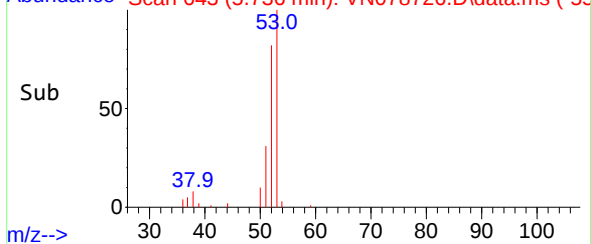
Abundance Scan 643 (5.736 min): VN078726.D\data.ms (-55



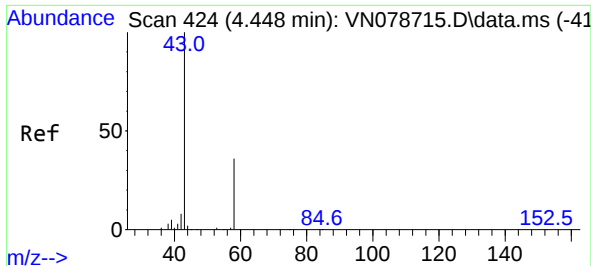
Abundance



Abundance Scan 643 (5.736 min): VN078726.D\data.ms (-55



Time-->



#15

Acetone

Concen: 21.538 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

Instrument :

MSVOA_N

ClientSampleId :

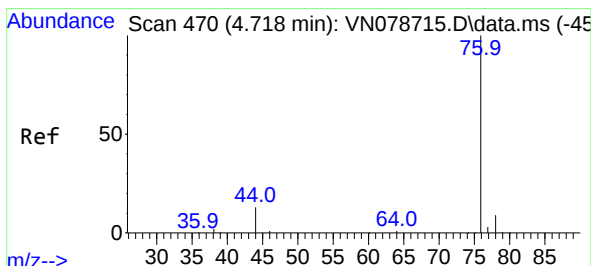
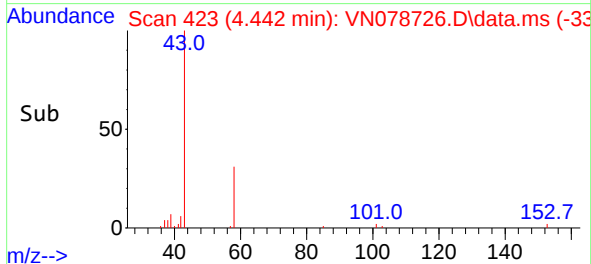
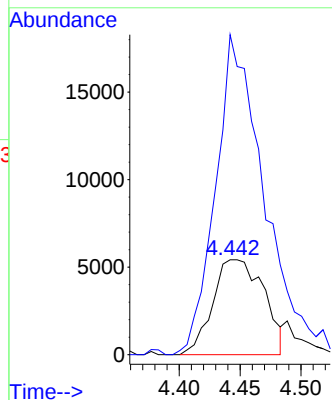
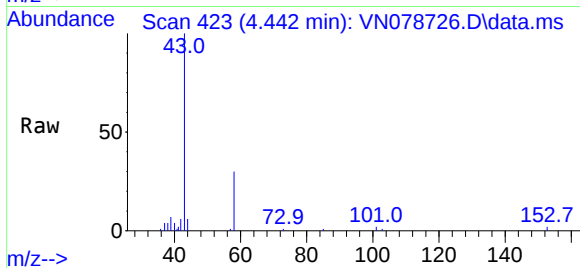
LOQ-WATER-02-QT3-2023

Tgt Ion: 58 Resp: 15910

Ion Ratio Lower Upper

58 100

43 332.5 227.5 341.3



#16

Carbon Disulfide

Concen: 4.854 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.006 min

Lab File: VN078726.D

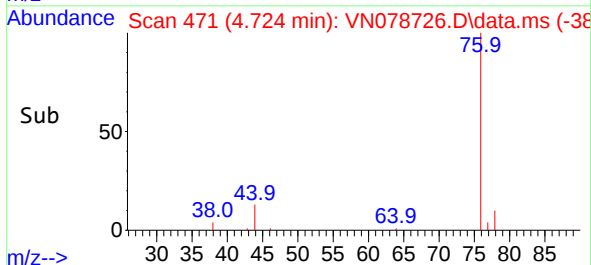
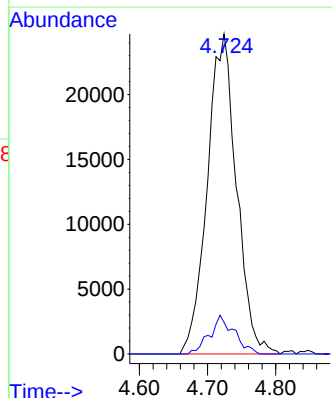
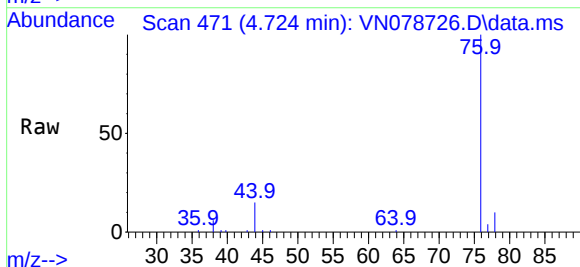
Acq: 01 Aug 2023 19:49

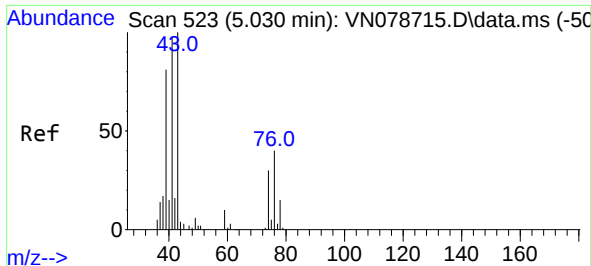
Tgt Ion: 76 Resp: 73597

Ion Ratio Lower Upper

76 100

78 9.9 7.7 11.5





#17

Allyl chloride

Concen: 4.567 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN078726.D

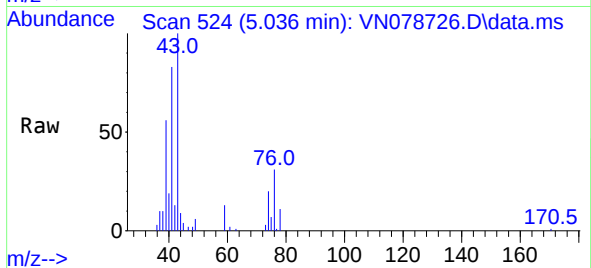
Acq: 01 Aug 2023 19:49

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023



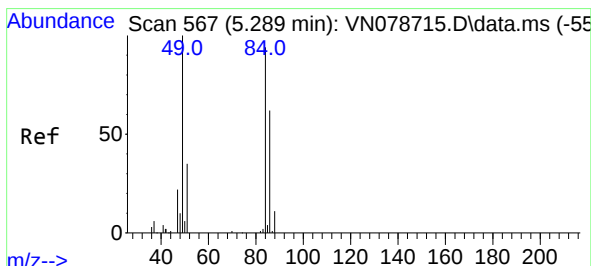
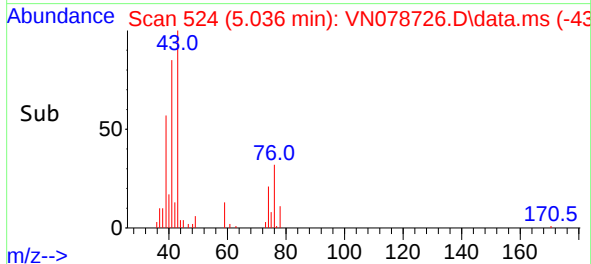
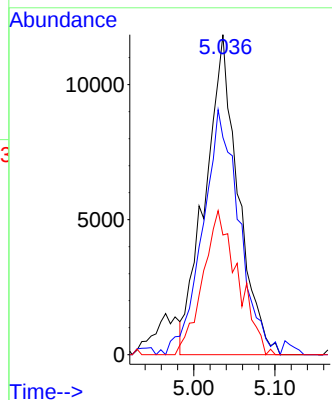
Tgt Ion: 41 Resp: 33476

Ion Ratio Lower Upper

41 100

39 67.9 37.6 112.8

76 37.4 23.8 71.4



#18

Methylene Chloride

Concen: 5.787 ug/l

RT: 5.283 min Scan# 566

Delta R.T. -0.006 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

Tgt Ion: 84 Resp: 37267

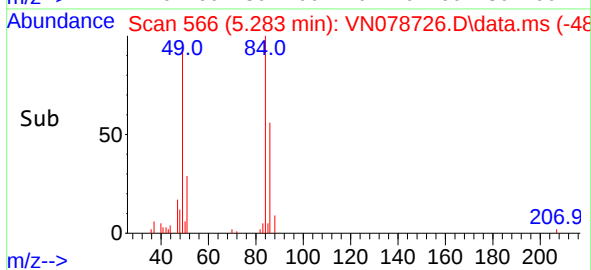
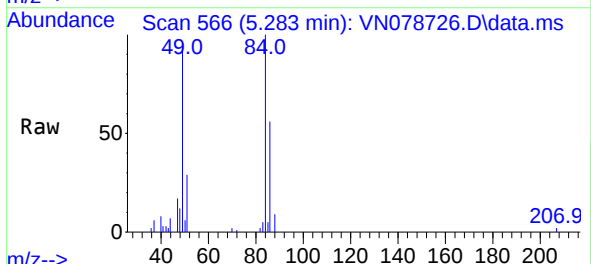
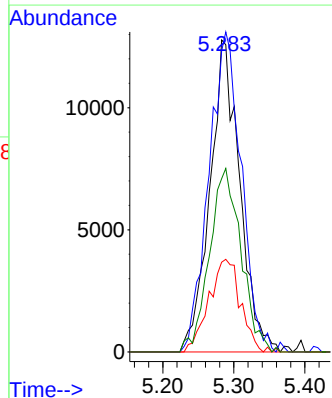
Ion Ratio Lower Upper

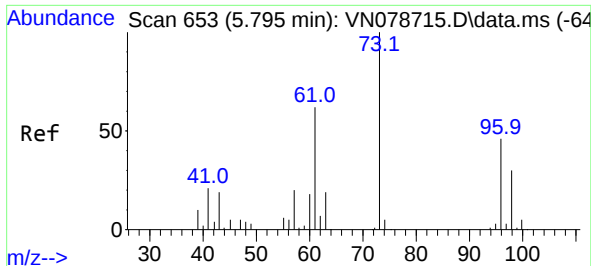
84 100

49 96.5 88.1 132.1

51 28.8 24.0 36.0

86 55.5 53.8 80.8

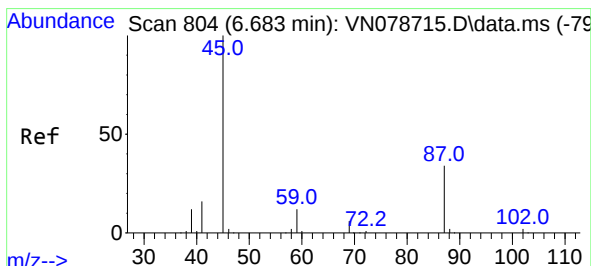
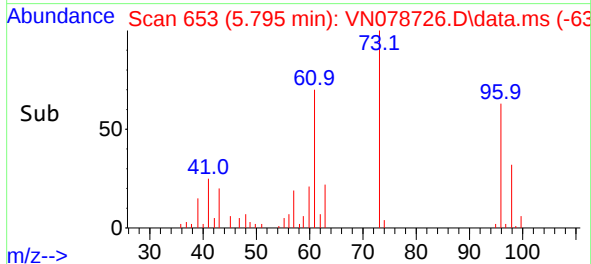
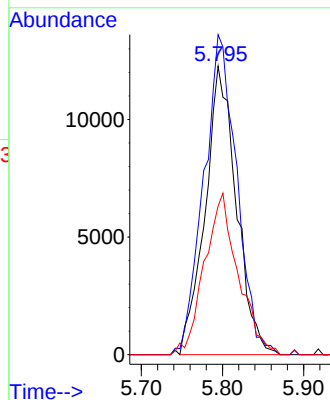
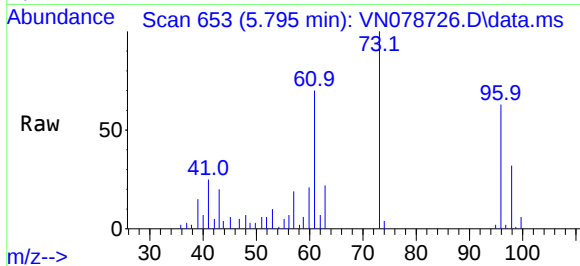




#19
trans-1,2-Dichloroethene
Concen: 5.290 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

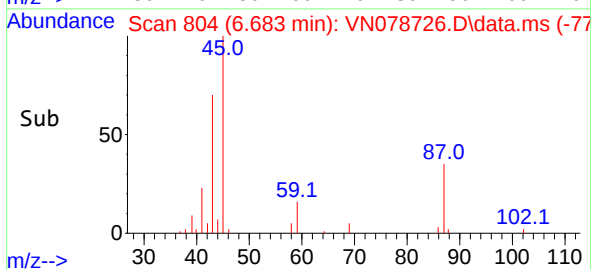
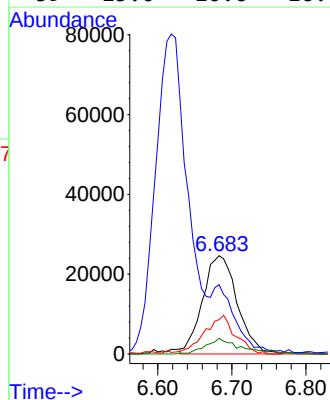
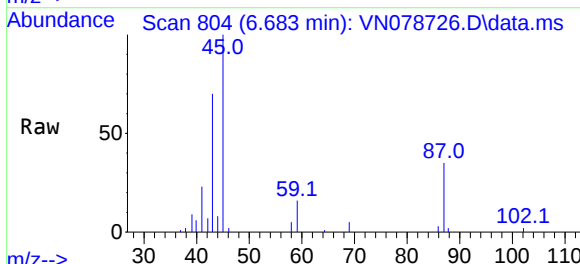
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

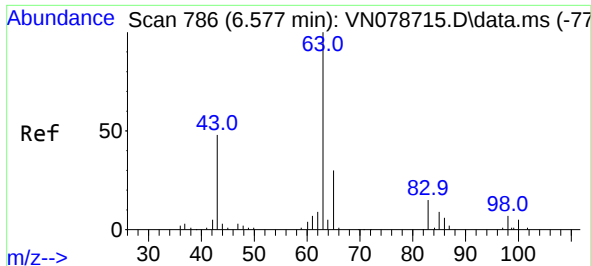
Tgt Ion: 96 Resp: 32832
Ion Ratio Lower Upper
96 100
61 110.9 105.2 157.8
98 53.8 50.5 75.7



#20
Diisopropyl ether
Concen: 4.830 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 45 Resp: 79701
Ion Ratio Lower Upper
45 100
43 67.0 43.6 65.4#
87 34.8 25.8 38.6
59 15.0 10.6 16.0





#21

1,1-Dichloroethane

Concen: 5.137 ug/l

RT: 6.583 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

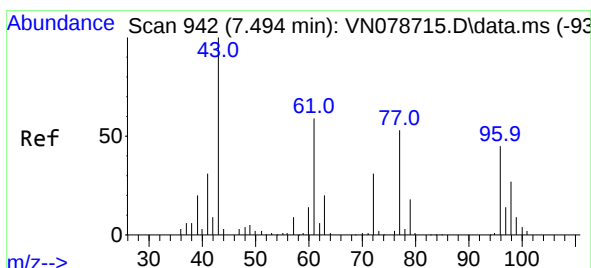
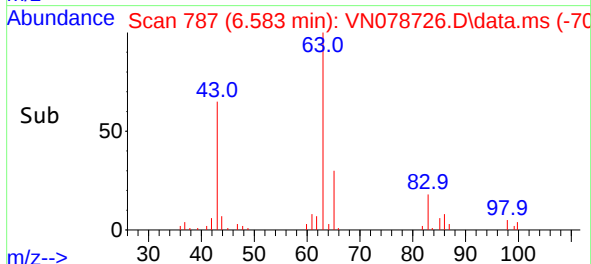
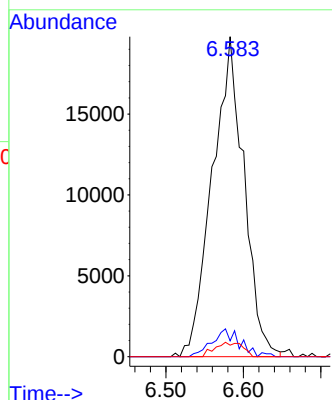
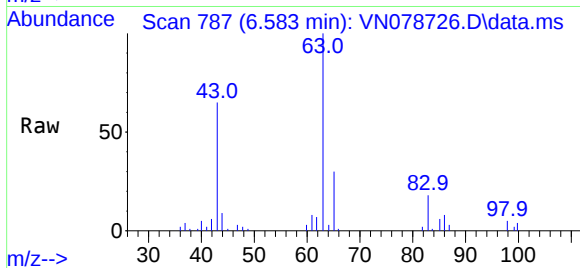
Tgt Ion: 63 Resp: 56131

Ion Ratio Lower Upper

63 100

98 5.0 2.7 8.1

100 3.6 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 5.048 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

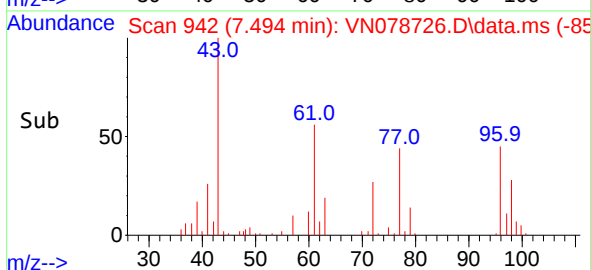
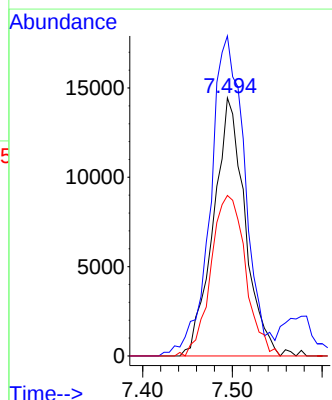
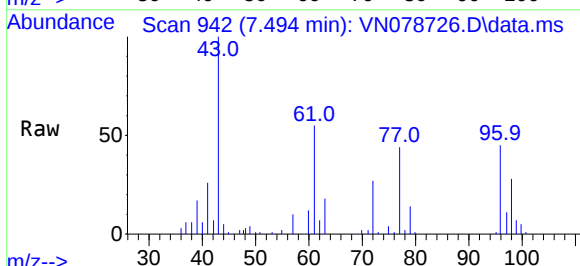
Tgt Ion: 96 Resp: 35182

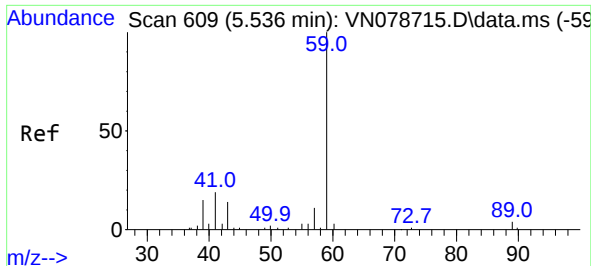
Ion Ratio Lower Upper

96 100

61 136.0 113.8 170.6

98 68.1 52.2 78.4

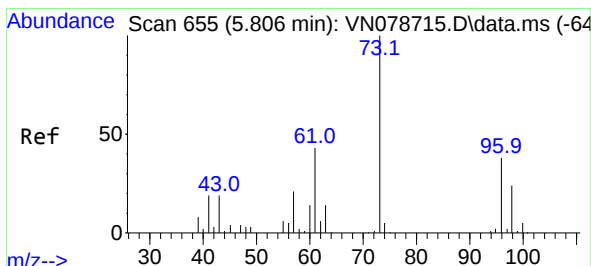
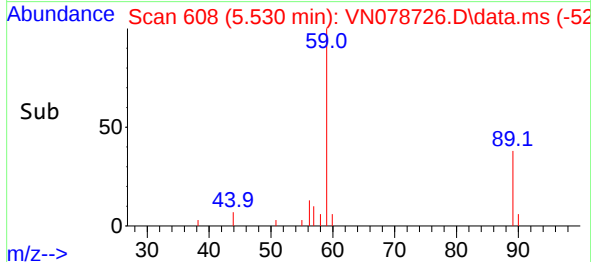
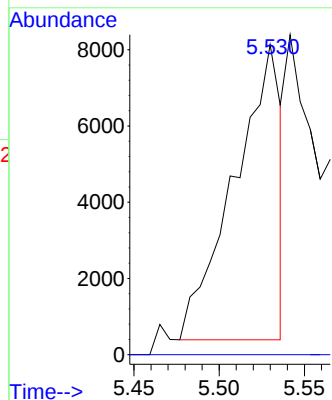
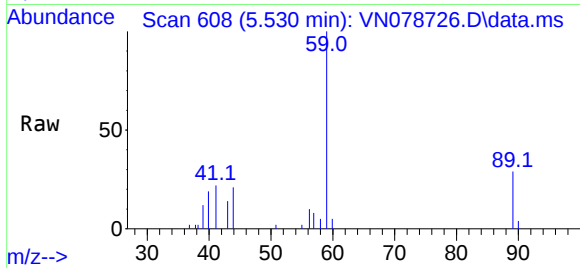




#23
tert-Butyl Alcohol
Concen: 14.147 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

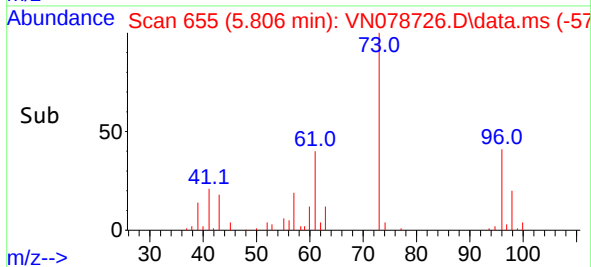
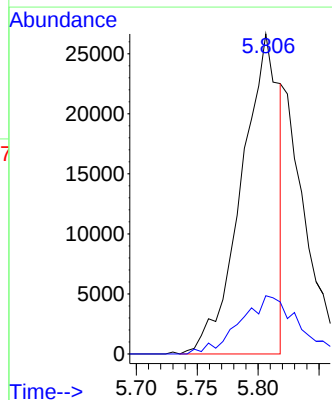
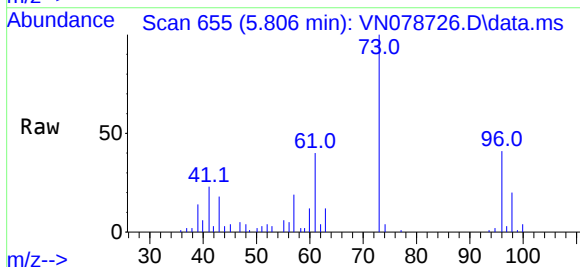
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

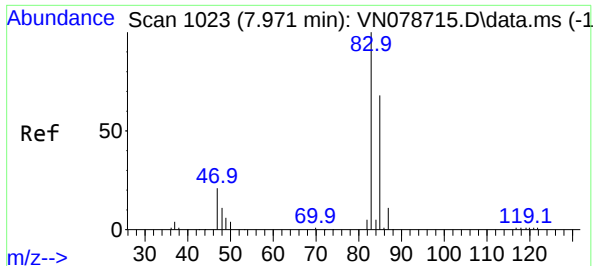
Tgt Ion: 59 Resp: 14739
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 3.185 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 73 Resp: 57483
Ion Ratio Lower Upper
73 100
43 16.7 14.5 21.7





#25

Chloroform

Concen: 4.998 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

Instrument :

MSVOA_N

ClientSampleId :

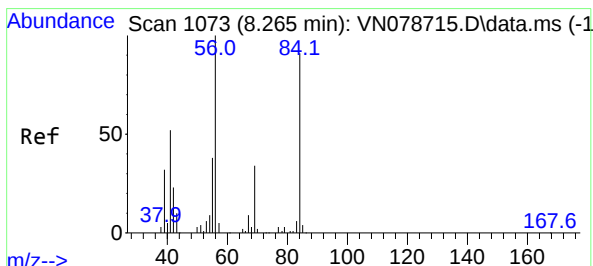
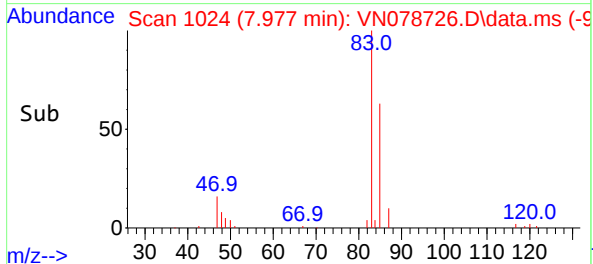
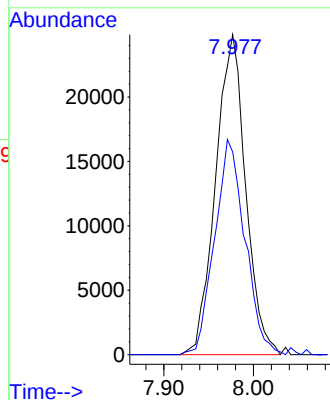
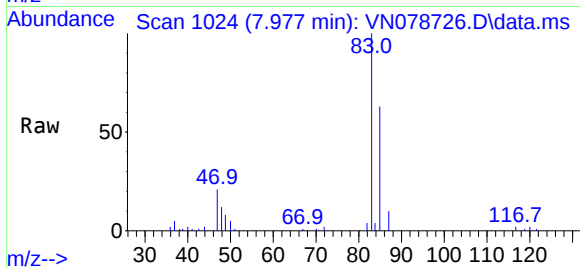
LOQ-WATER-02-QT3-2023

Tgt Ion: 83 Resp: 57822

Ion Ratio Lower Upper

83 100

85 63.3 53.4 80.0



#26

Cyclohexane

Concen: 4.781 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

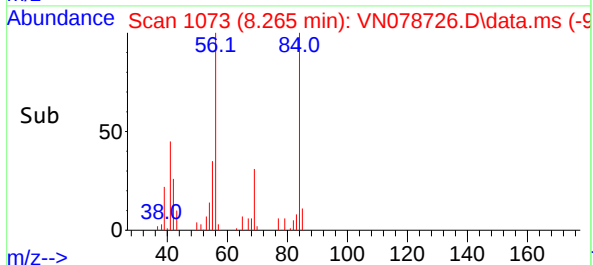
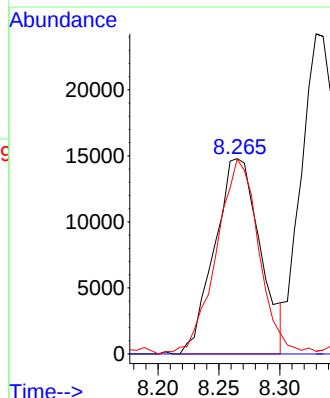
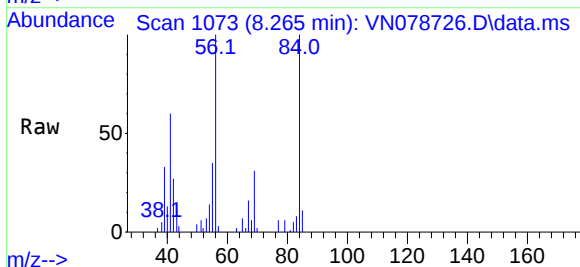
Tgt Ion: 56 Resp: 38487

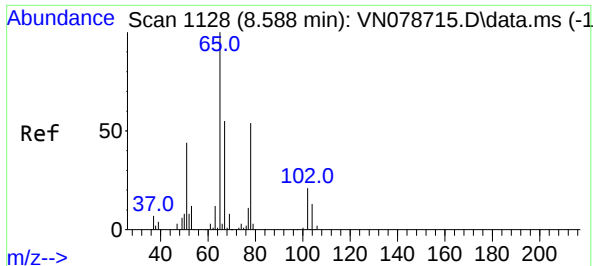
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.7 74.2 111.4

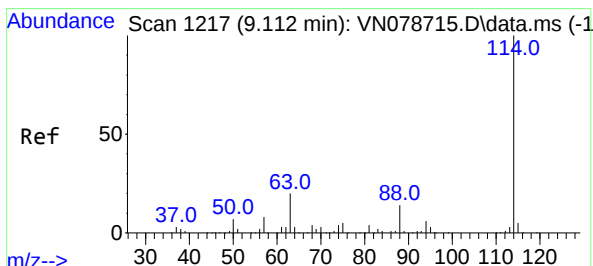
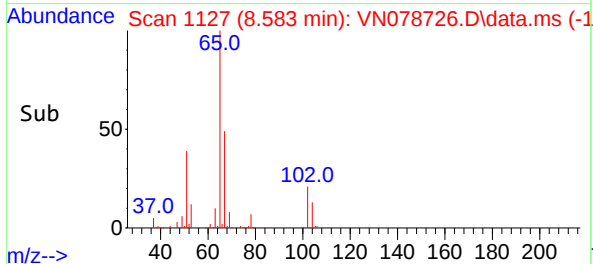
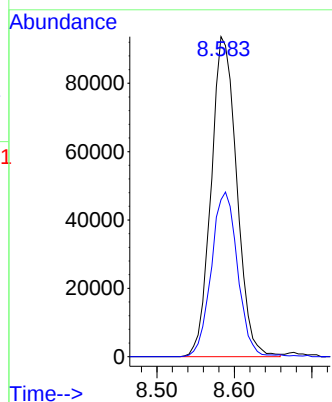
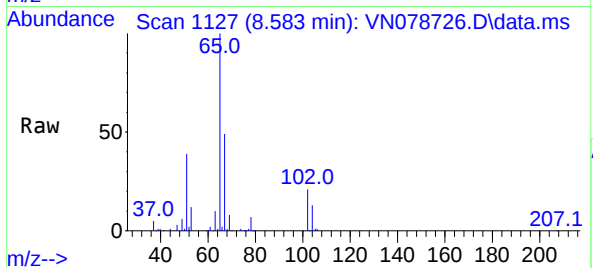




#27
1,2-Dichloroethane-d4
Concen: 29.739 ug/l
RT: 8.583 min Scan# 1128
Delta R.T. -0.005 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

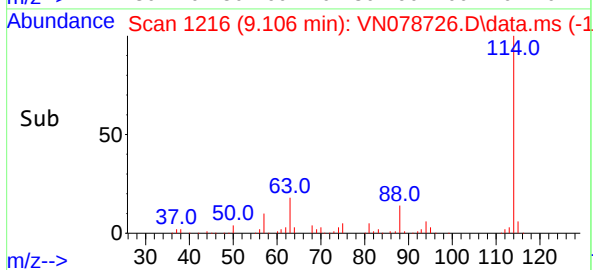
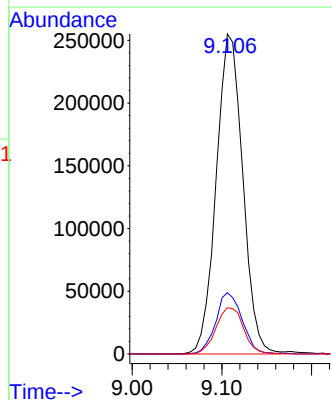
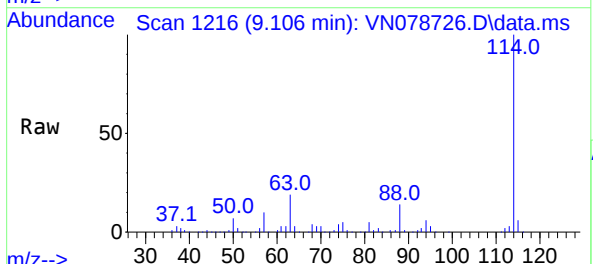
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

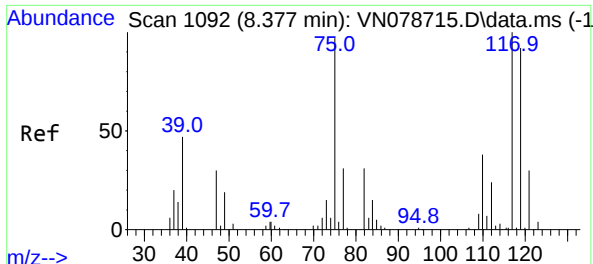
Tgt Ion: 65 Resp: 214789
Ion Ratio Lower Upper
65 100
67 52.4 42.9 64.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 114 Resp: 523702
Ion Ratio Lower Upper
114 100
63 19.1 15.2 22.8
88 15.1 12.5 18.7

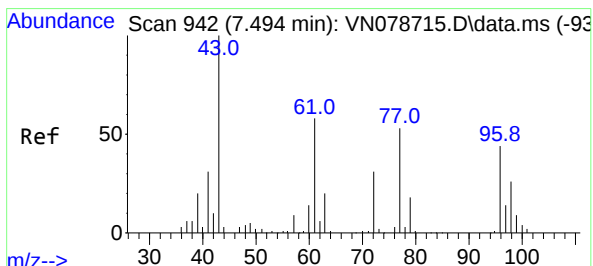
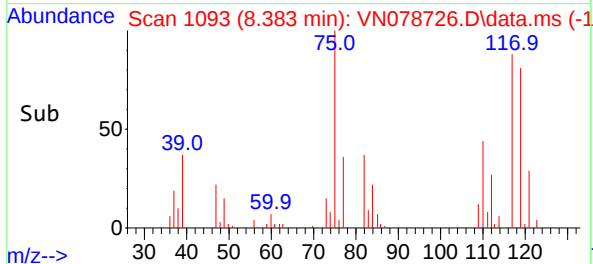
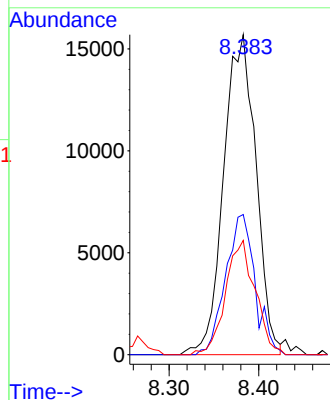
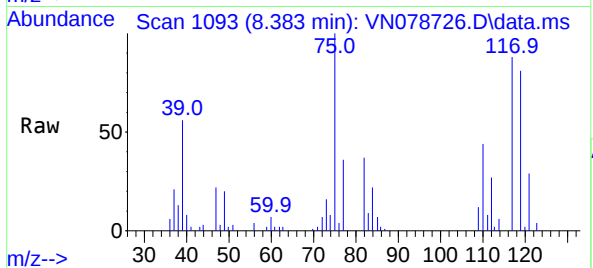




#29
1,1-Dichloropropene
Concen: 5.095 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

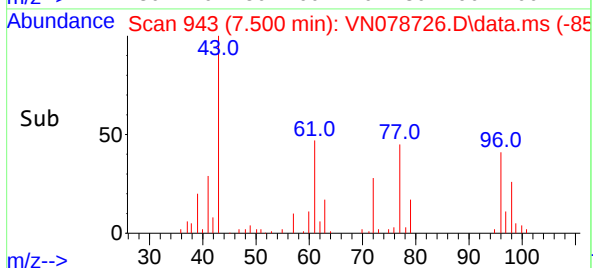
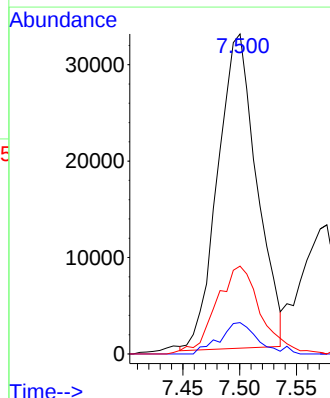
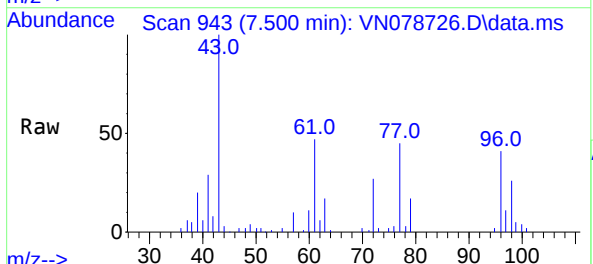
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

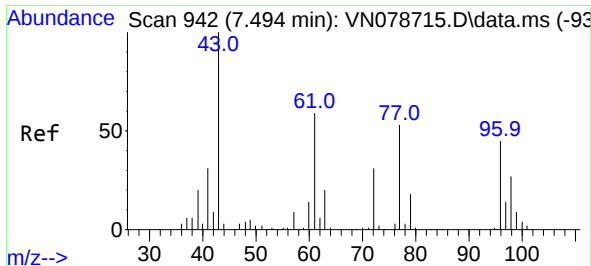
Tgt Ion: 75 Resp: 39260
Ion Ratio Lower Upper
75 100
110 36.4 0.0 72.2
77 32.5 0.0 62.8



#30
2-Butanone
Concen: 25.632 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 43 Resp: 78080
Ion Ratio Lower Upper
43 100
57 9.3 6.8 10.2
72 31.8 23.8 35.6

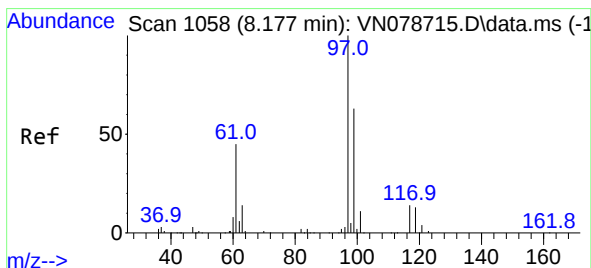
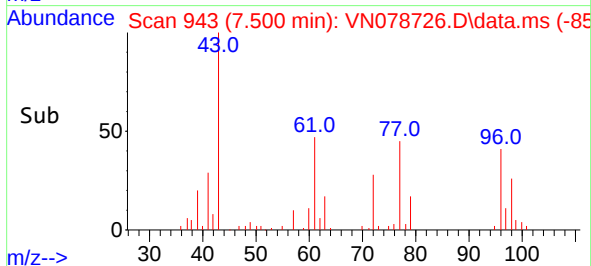
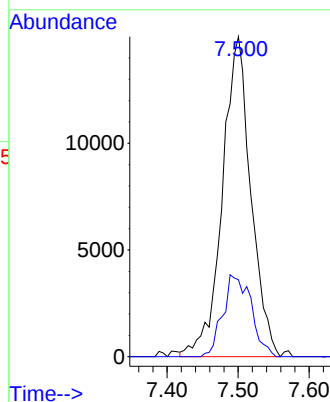
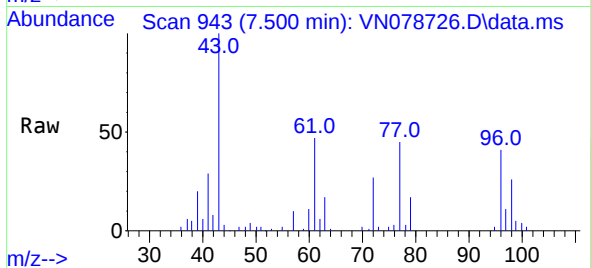




#31
2,2-Dichloropropane
Concen: 4.727 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

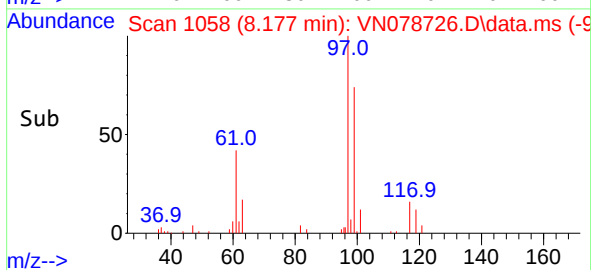
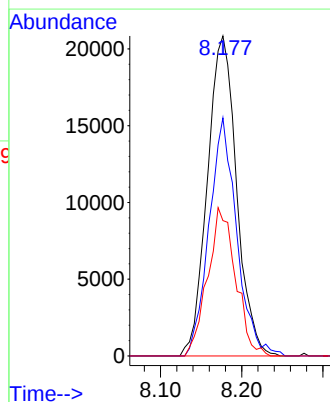
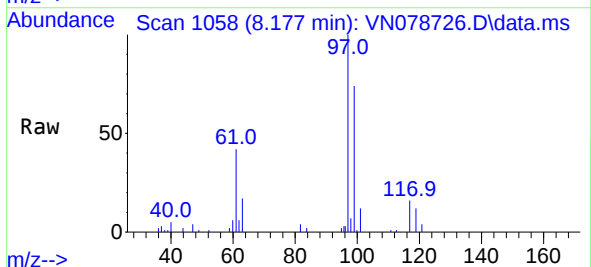
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

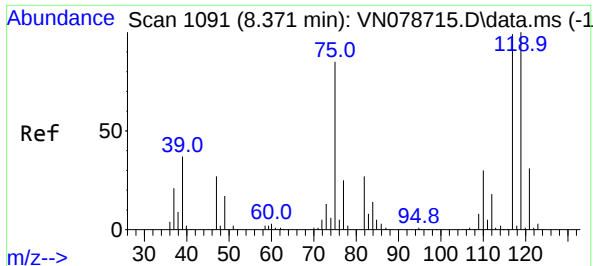
Tgt Ion: 77 Resp: 41800
Ion Ratio Lower Upper
77 100
97 17.4 18.8 28.2#



#32
1,1,1-Trichloroethane
Concen: 5.357 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 97 Resp: 52226
Ion Ratio Lower Upper
97 100
99 70.4 51.3 76.9
61 44.4 34.6 52.0

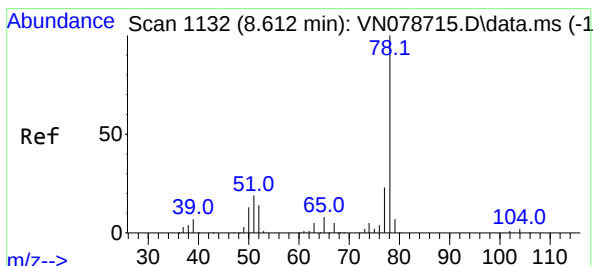
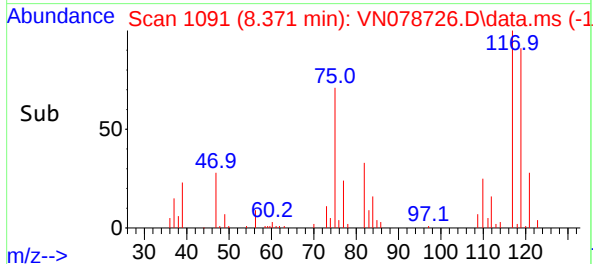
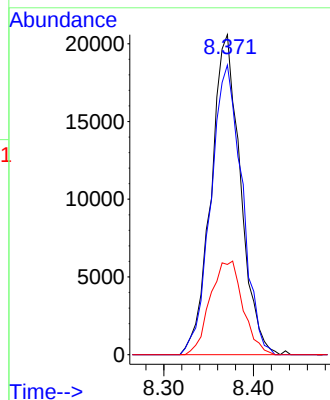
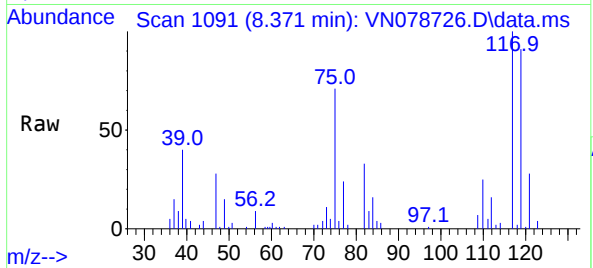




#33
Carbon Tetrachloride
Concen: 5.398 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

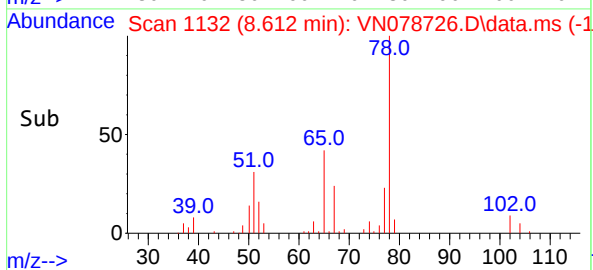
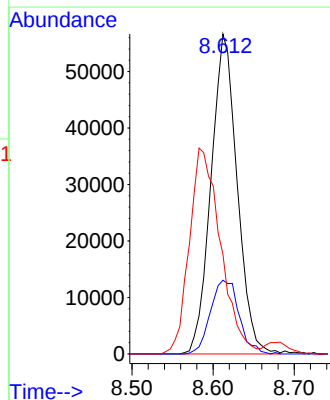
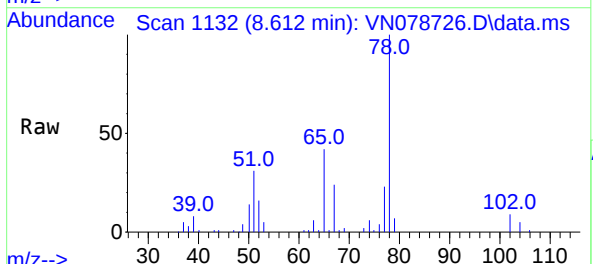
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

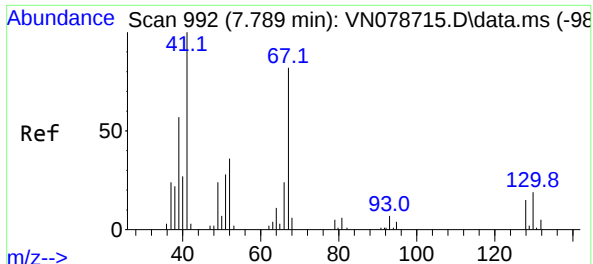
Tgt Ion:117 Resp: 46739
Ion Ratio Lower Upper
117 100
119 90.5 81.4 122.0
121 28.2 23.6 35.4



#34
Benzene
Concen: 5.476 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 78 Resp: 126751
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5
51 27.5 13.7 20.5#



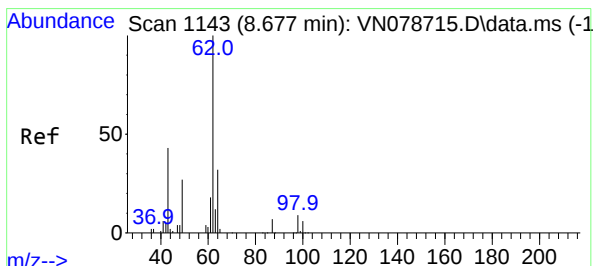
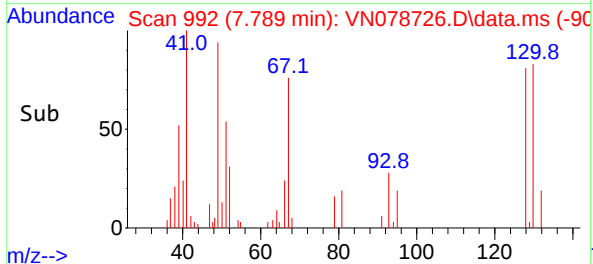
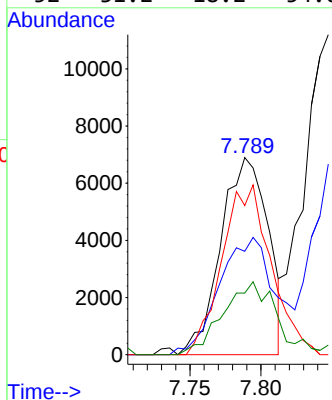
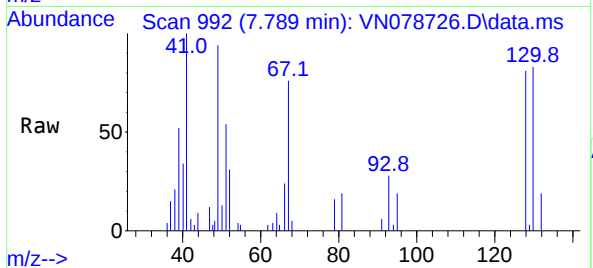


#35
Methacrylonitrile
Concen: 4.779 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

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

Tgt Ion: 41 Resp: 15987

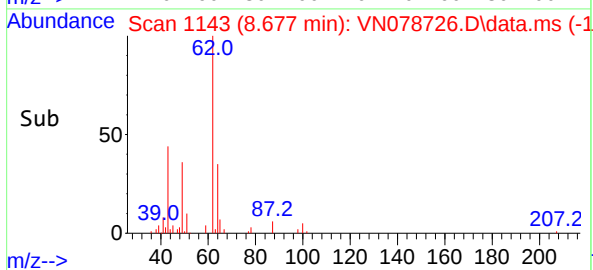
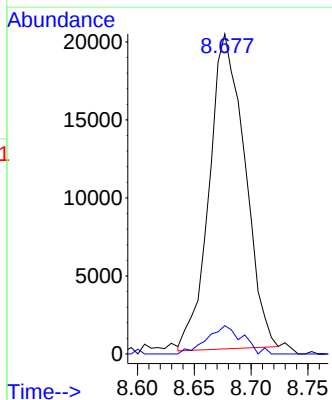
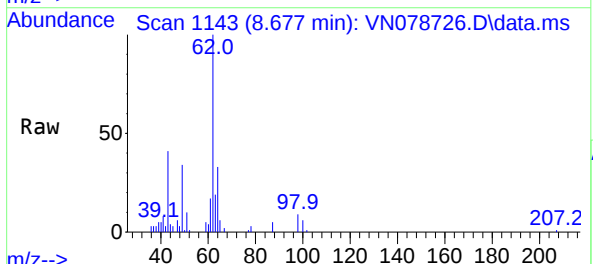
Ion	Ratio	Lower	Upper
41	100		
39	49.2	33.9	101.6
67	75.7	45.9	137.6
52	31.2	18.2	54.6

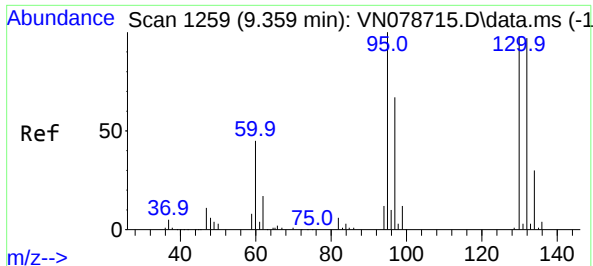


#36
1,2-Dichloroethane
Concen: 5.401 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 62 Resp: 43910

Ion	Ratio	Lower	Upper
62	100		
98	8.7	7.4	11.0





#37

Trichloroethene

Concen: 4.931 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

Instrument :

MSVOA_N

ClientSampleId :

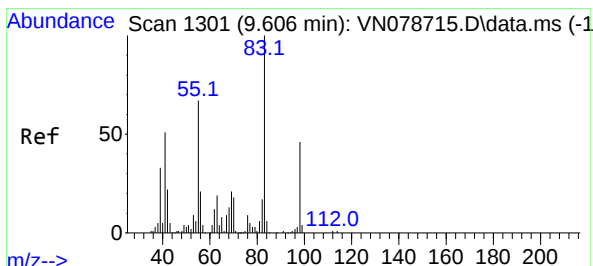
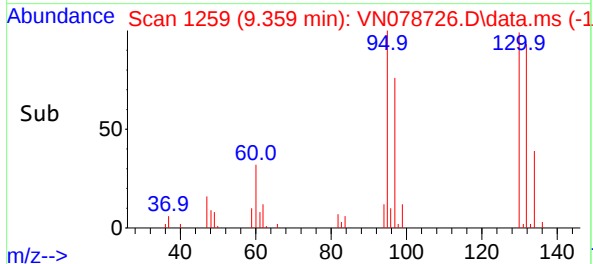
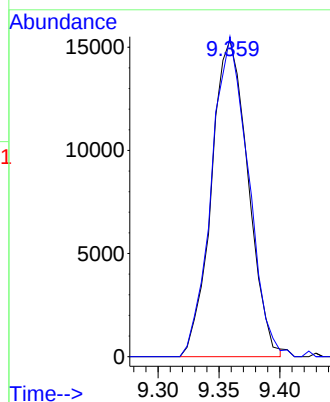
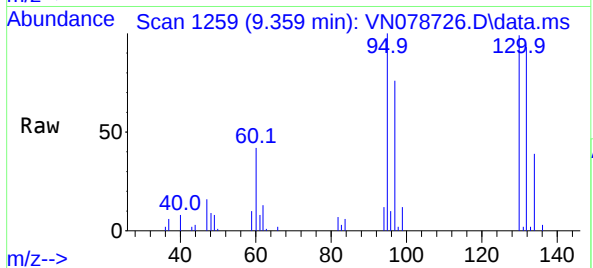
LOQ-WATER-02-QT3-2023

Tgt Ion:130 Resp: 32032

Ion Ratio Lower Upper

130 100

95 101.1 78.2 117.4



#38

Methylcyclohexane

Concen: 4.643 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

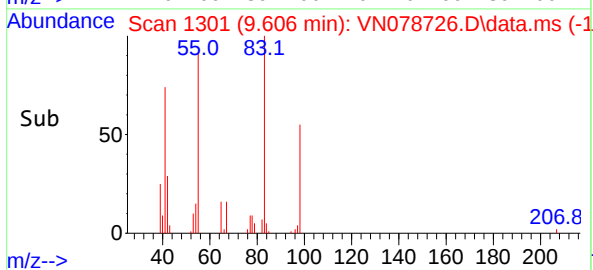
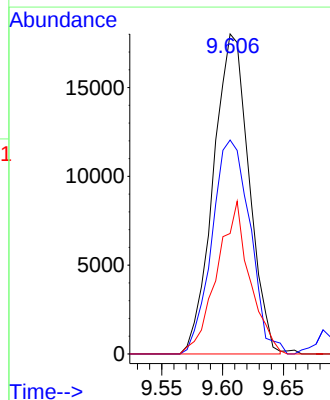
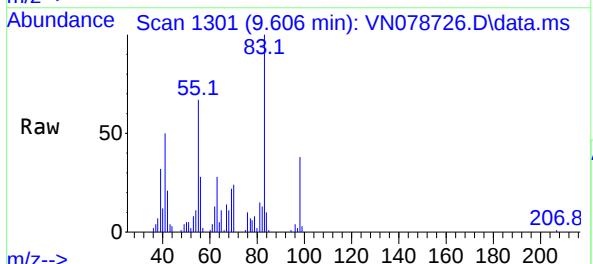
Tgt Ion: 83 Resp: 36764

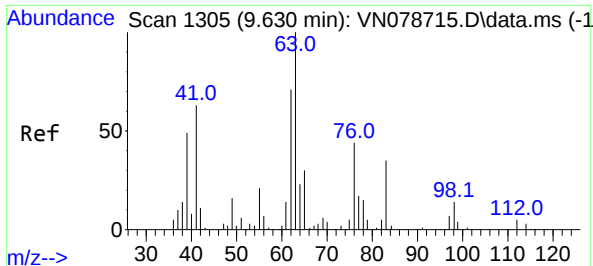
Ion Ratio Lower Upper

83 100

55 70.9 34.0 102.0

98 44.0 23.0 69.0

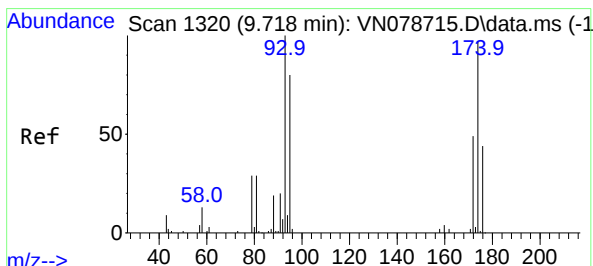
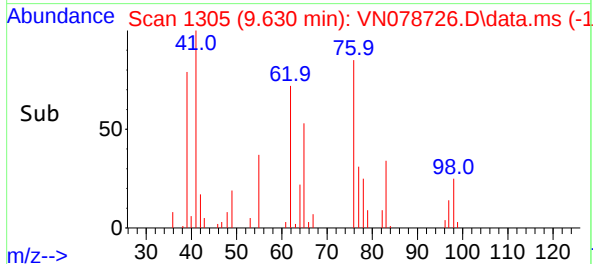
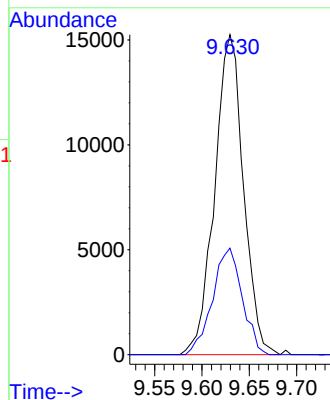
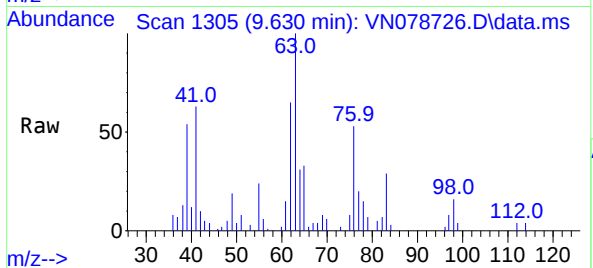




#39
1,2-Dichloropropane
Concen: 5.197 ug/l
RT: 9.630 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

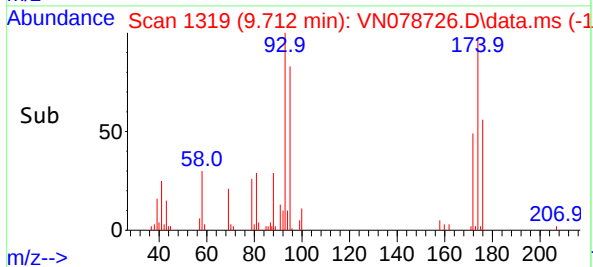
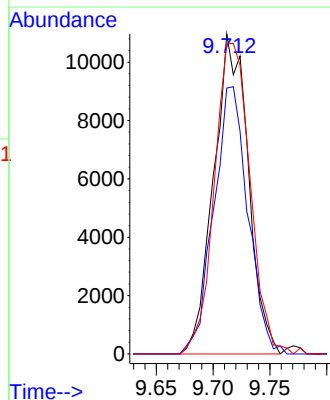
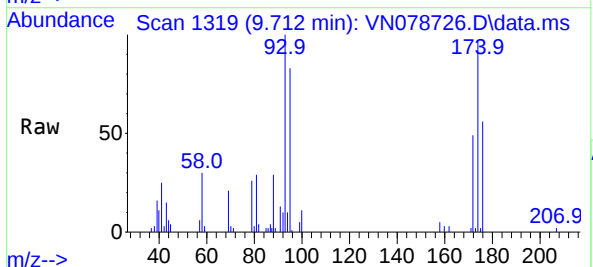
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

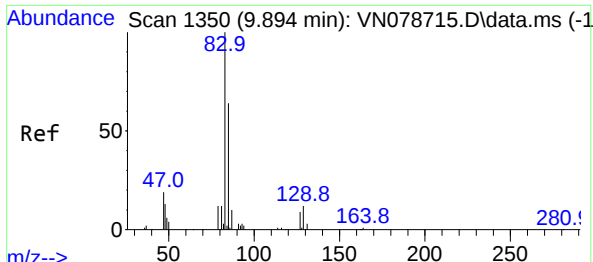
Tgt Ion: 63 Resp: 32252
Ion Ratio Lower Upper
63 100
65 33.3 27.4 41.2



#40
Dibromomethane
Concen: 5.377 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 93 Resp: 23095
Ion Ratio Lower Upper
93 100
95 83.1 0.0 167.8
174 100.2 0.0 180.8

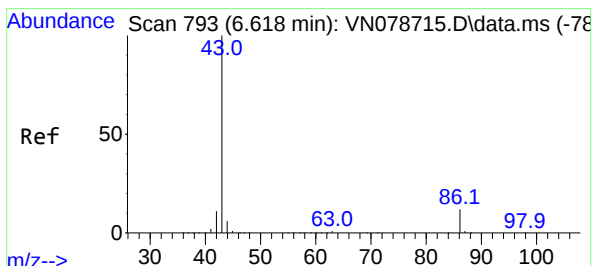
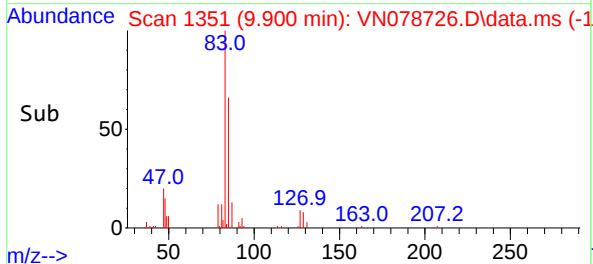
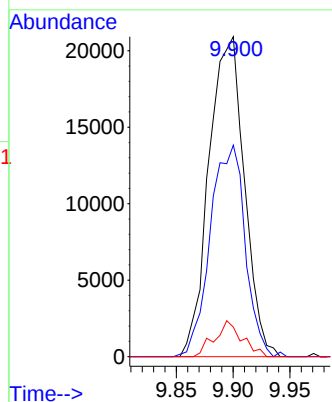
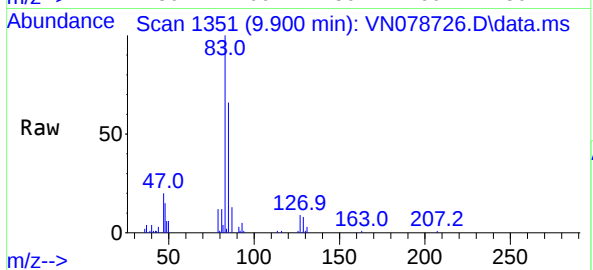




#41
Bromodichloromethane
Concen: 5.289 ug/l
RT: 9.900 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

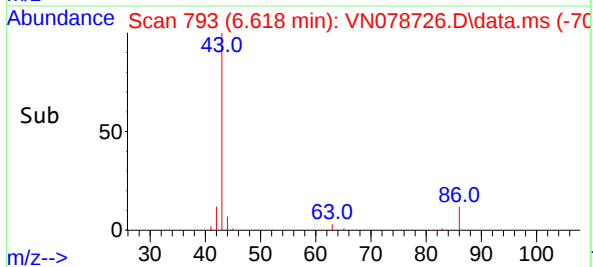
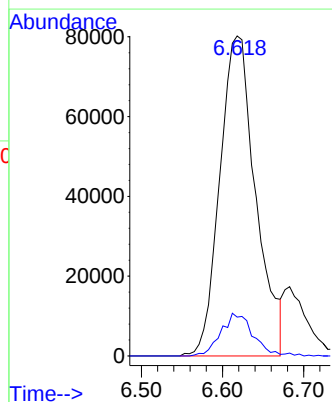
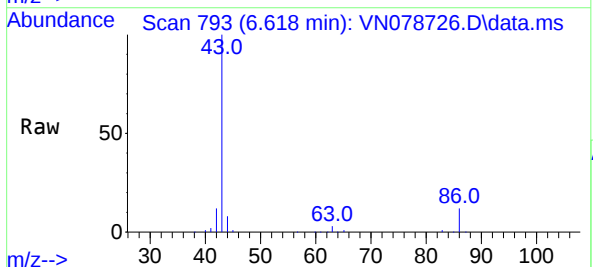
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

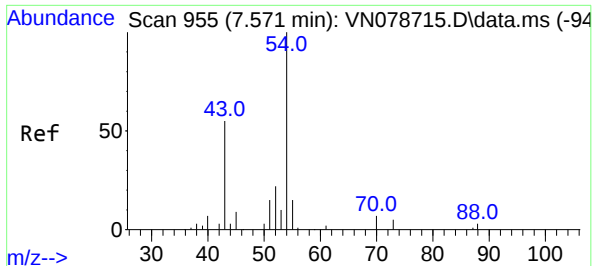
Tgt Ion: 83 Resp: 45411
Ion Ratio Lower Upper
83 100
85 65.3 54.1 81.1
127 9.2 7.8 11.6



#42
Vinyl Acetate
Concen: 25.203 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 43 Resp: 246825
Ion Ratio Lower Upper
43 100
86 11.7 9.4 14.0





#43

Ethyl Acetate

Concen: 4.293 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

Instrument :

MSVOA_N

ClientSampleId :

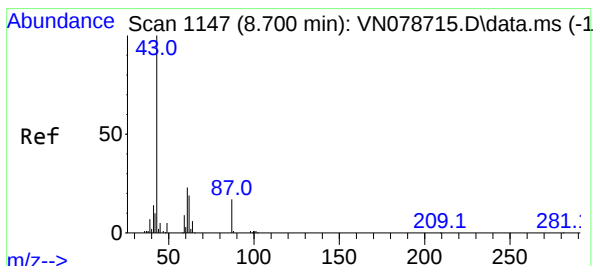
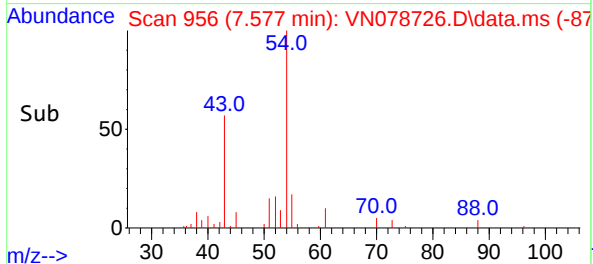
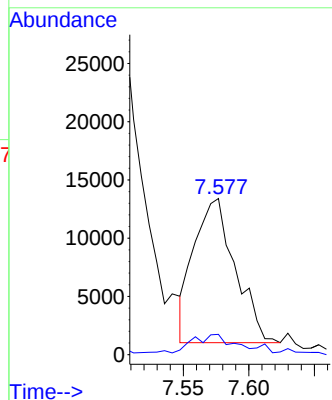
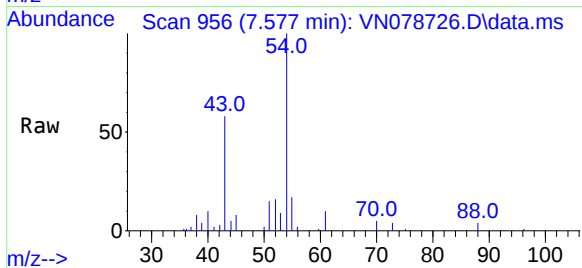
LOQ-WATER-02-QT3-2023

Tgt Ion: 43 Resp: 27033

Ion Ratio Lower Upper

43 100

45 5.1 10.9 16.3#



#44

Isopropyl Acetate

Concen: 5.425 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VN078726.D

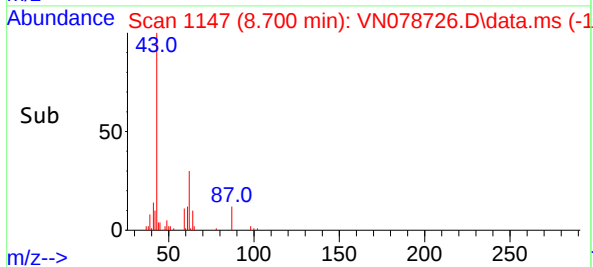
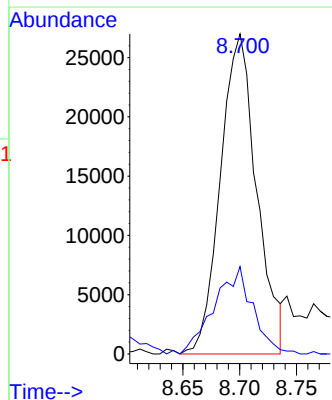
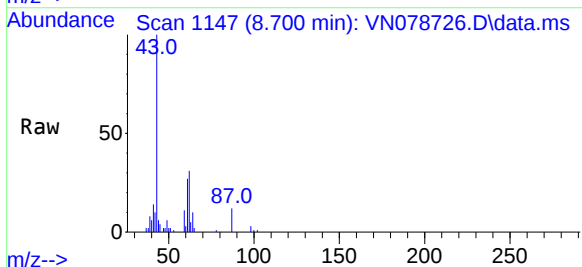
Acq: 01 Aug 2023 19:49

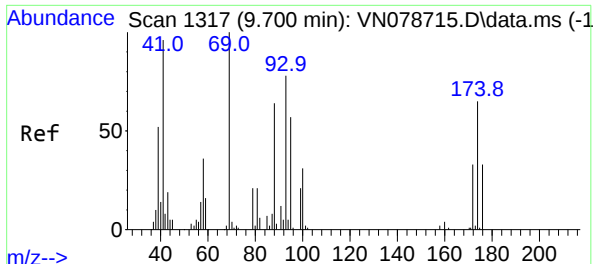
Tgt Ion: 43 Resp: 59936

Ion Ratio Lower Upper

43 100

61 12.5 23.0 34.6#





#45

1,4-Dioxane

Concen: 100.277 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

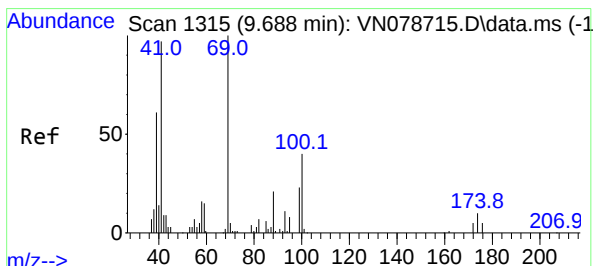
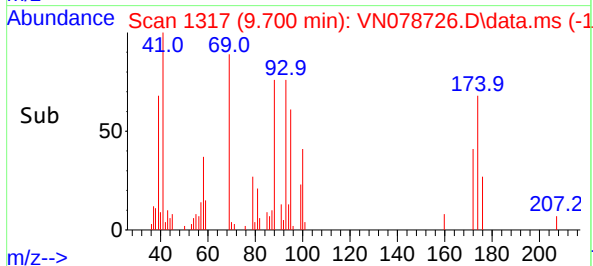
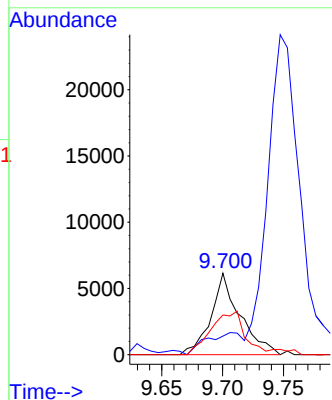
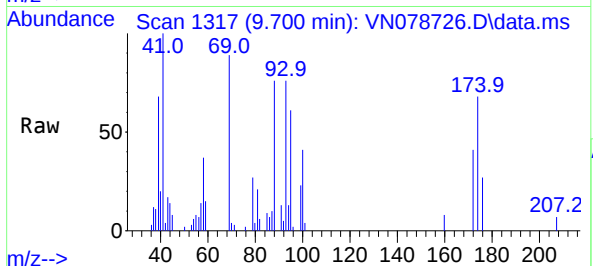
Tgt Ion: 88 Resp: 10192

Ion Ratio Lower Upper

88 100

43 5.2 19.0 28.6#

58 61.8 48.2 72.2



#46

Methyl methacrylate

Concen: 4.779 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

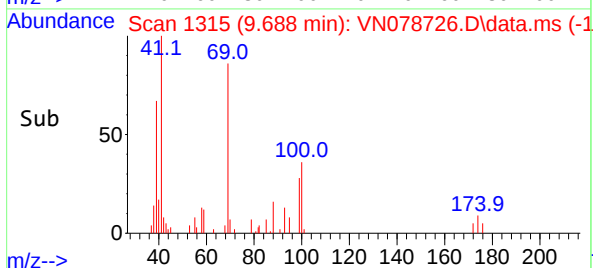
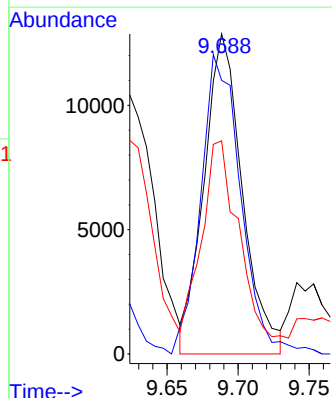
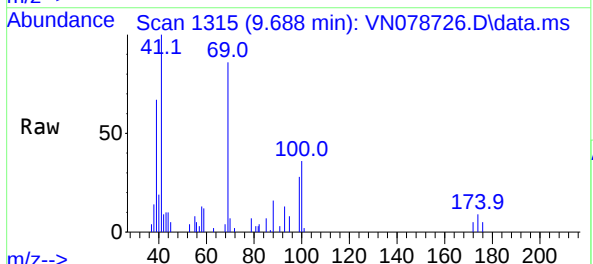
Tgt Ion: 41 Resp: 24179

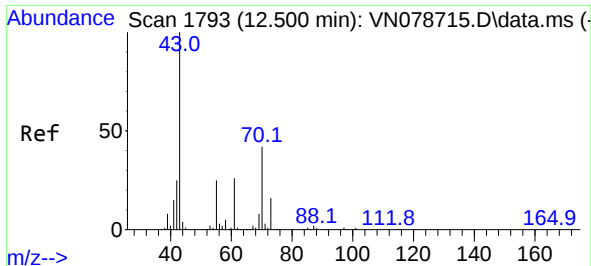
Ion Ratio Lower Upper

41 100

69 88.1 49.0 147.0

39 65.7 31.6 94.8

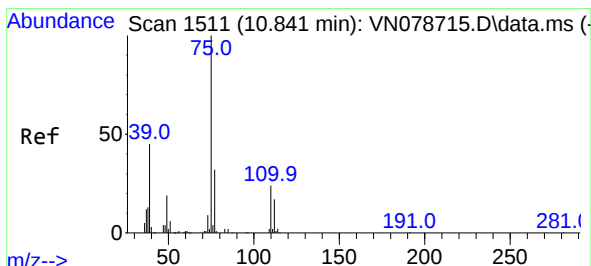
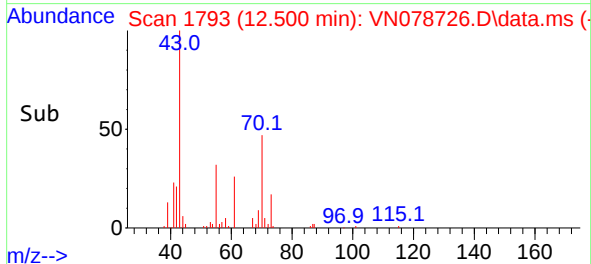
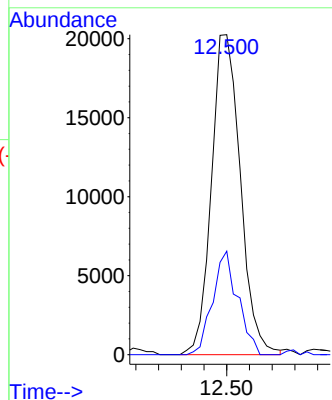
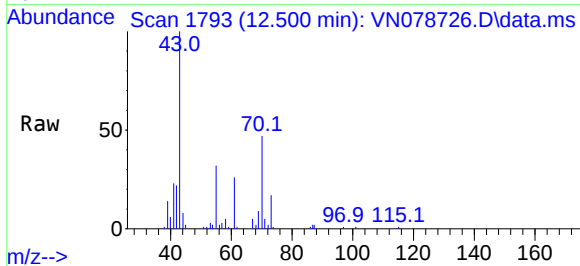




#47
n-amy1 Acetate
Concen: 4.215 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

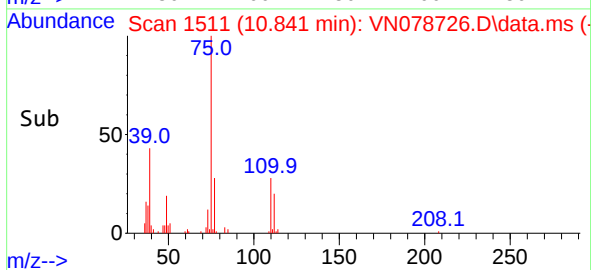
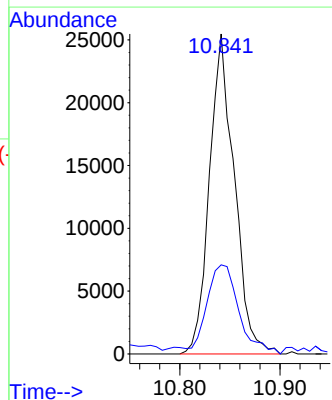
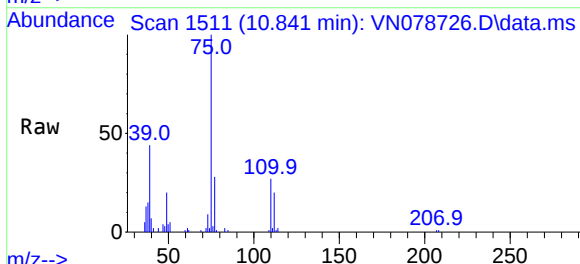
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

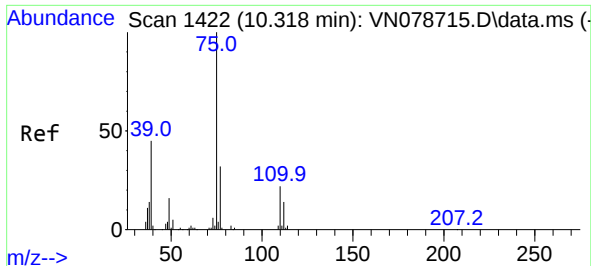
Tgt Ion: 43 Resp: 35871
Ion Ratio Lower Upper
43 100
55 28.1 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 4.797 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 75 Resp: 43964
Ion Ratio Lower Upper
75 100
77 27.9 26.1 39.1

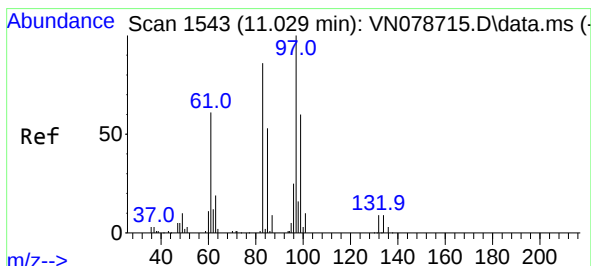
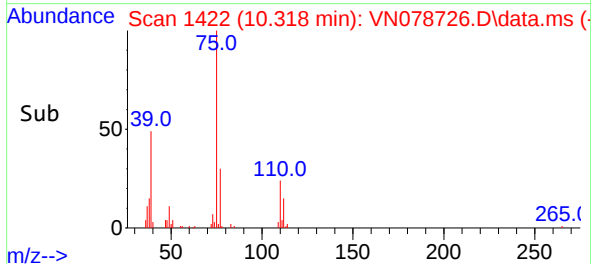
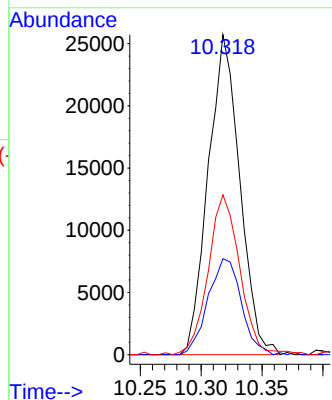
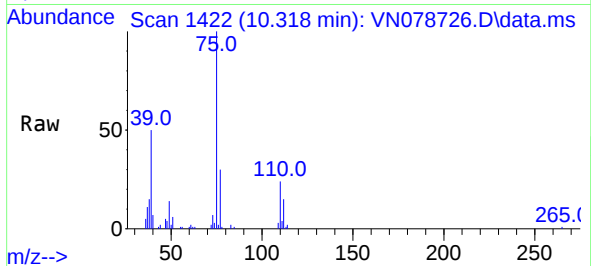




#49
cis-1,3-Dichloropropene
Concen: 4.759 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

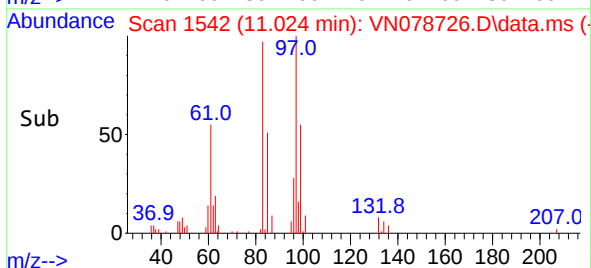
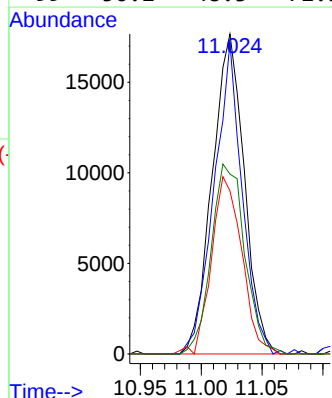
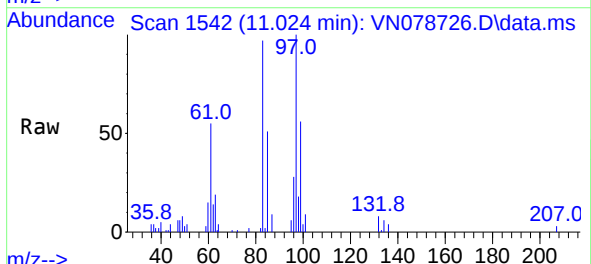
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

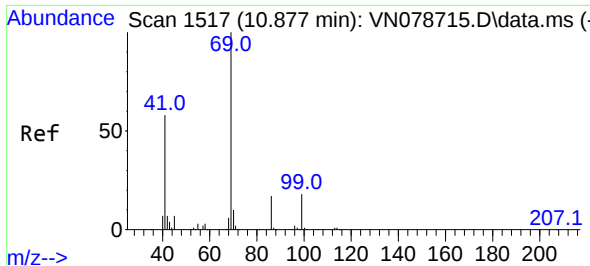
Tgt Ion:	75	Resp:	46326
Ion Ratio	Lower	Upper	
75	100		
77	30.0	24.0	36.0
39	49.2	35.1	52.7



#50
1,1,2-Trichloroethane
Concen: 5.317 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.005 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:	97	Resp:	32325
Ion Ratio	Lower	Upper	
97	100		
83	97.5	66.8	100.2
85	51.0	42.5	63.7
99	56.2	48.3	72.5

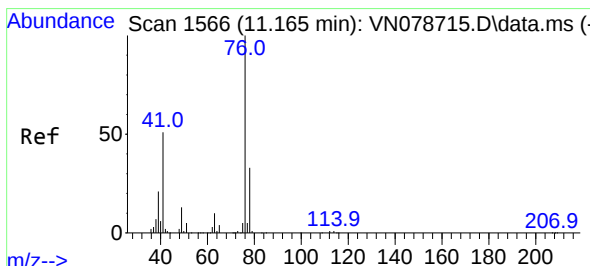
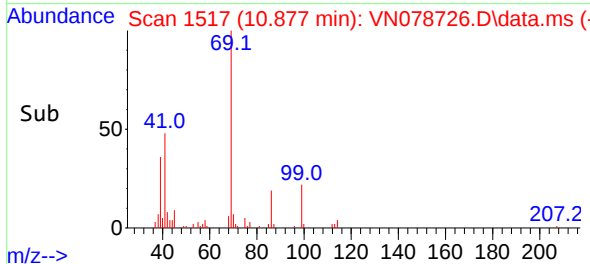
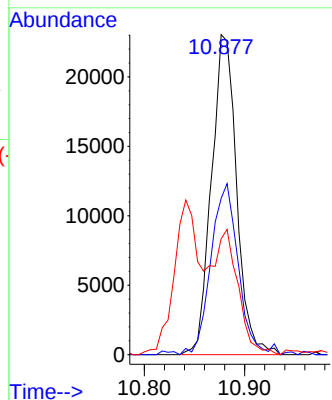
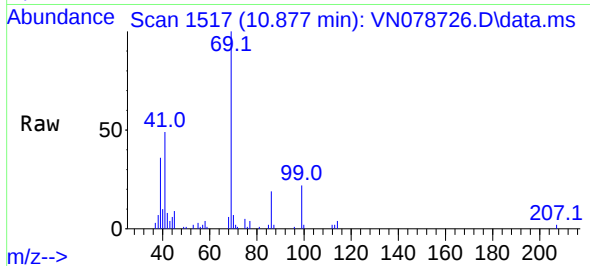




#51
Ethyl methacrylate
Concen: 4.821 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

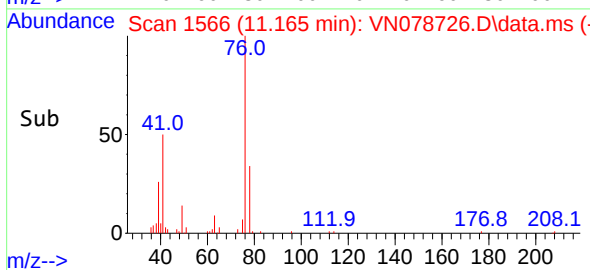
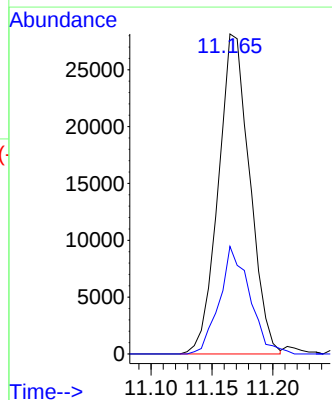
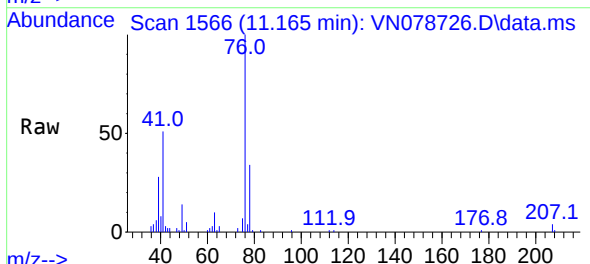
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

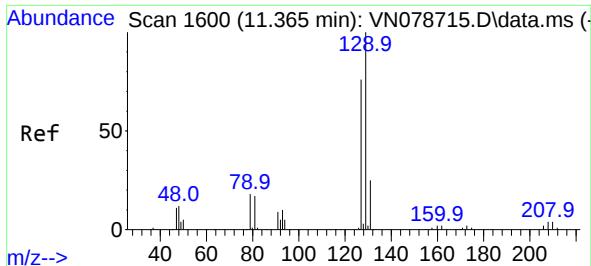
Tgt Ion:	69	Resp:	40131
Ion	Ratio	Lower	Upper
69	100		
41	48.8	26.0	78.0
39	36.3	16.3	48.9



#52
1,3-Dichloropropane
Concen: 4.616 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:	76	Resp:	50440
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	66.2

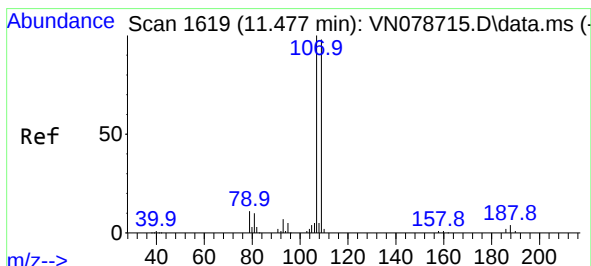
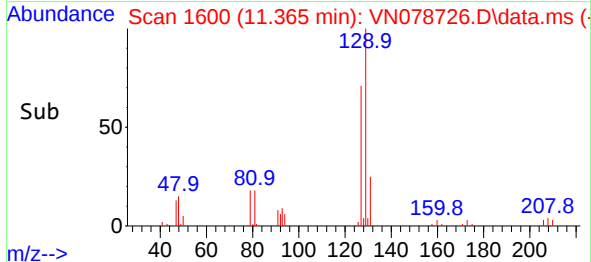
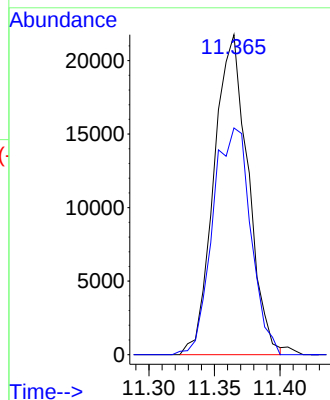
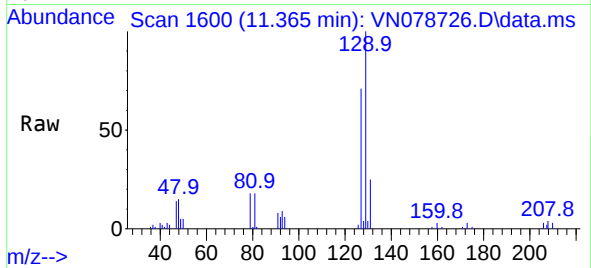




#53
Dibromochloromethane
Concen: 5.716 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

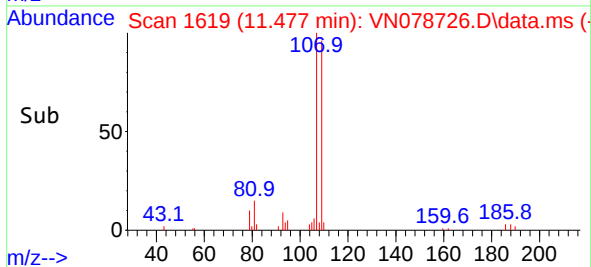
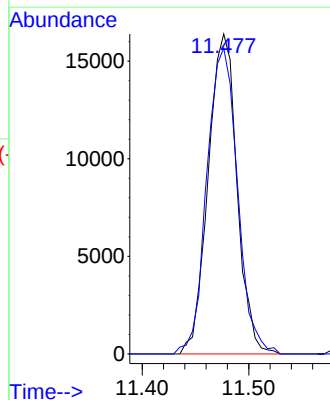
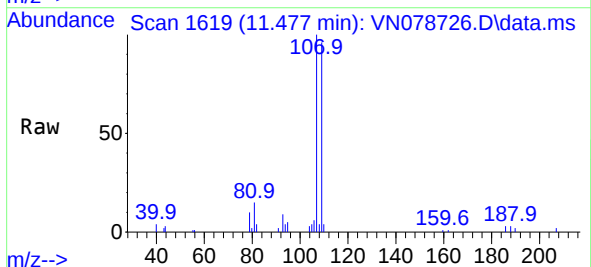
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

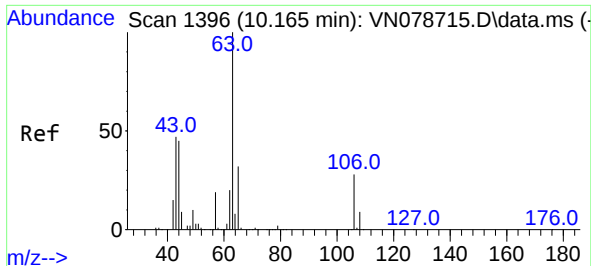
Tgt Ion:129 Resp: 39255
Ion Ratio Lower Upper
129 100
127 79.1 39.4 118.1



#54
1,2-Dibromoethane
Concen: 5.041 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:107 Resp: 30776
Ion Ratio Lower Upper
107 100
109 101.7 74.6 112.0

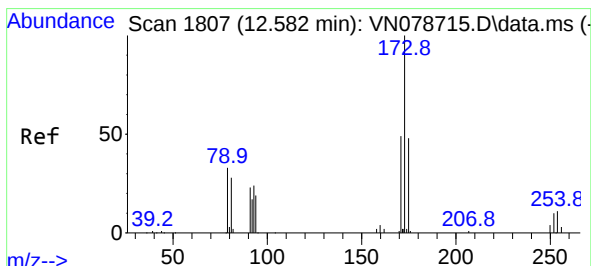
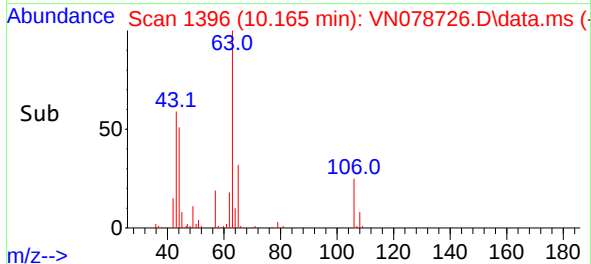
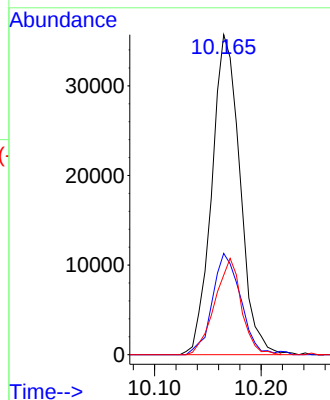
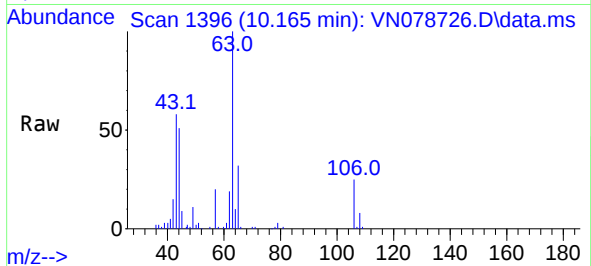




#55
2-Chloroethyl vinyl ether
Concen: 24.725 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

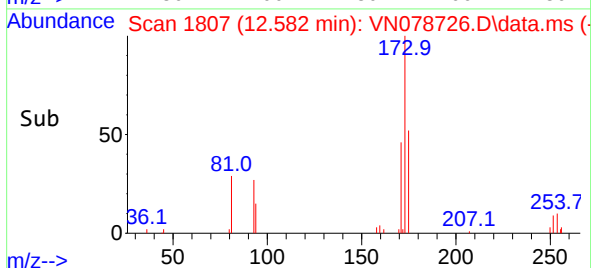
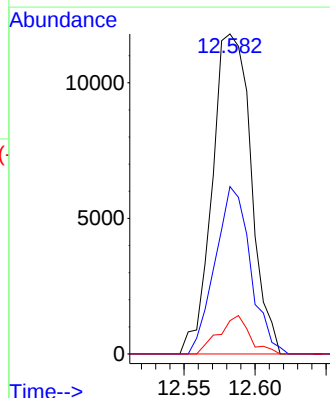
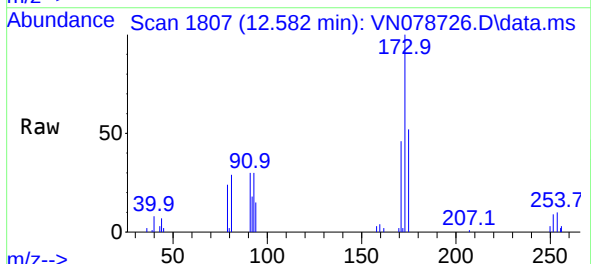
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

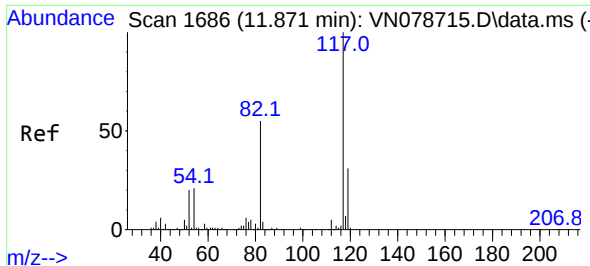
Tgt Ion:	63	Resp:	65578
Ion	Ratio	Lower	Upper
63	100		
65	31.6	26.3	39.5
106	28.3	23.8	35.6



#56
Bromoform
Concen: 4.980 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:	173	Resp:	22380
Ion	Ratio	Lower	Upper
173	100		
175	47.7	40.7	61.1
254	8.8	6.5	9.7

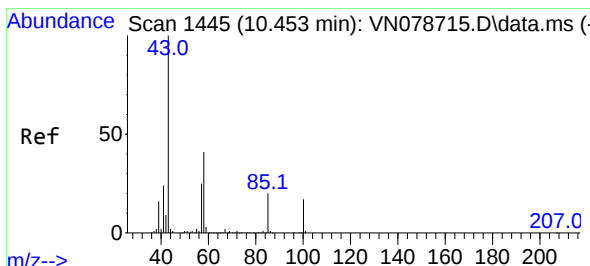
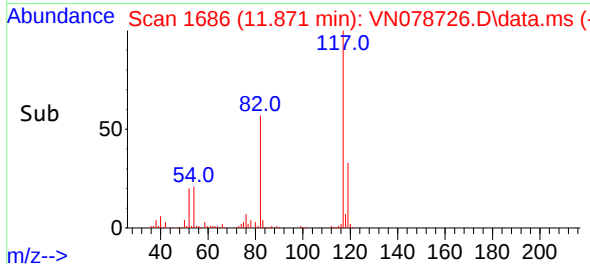
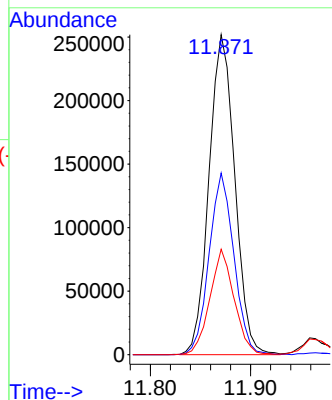
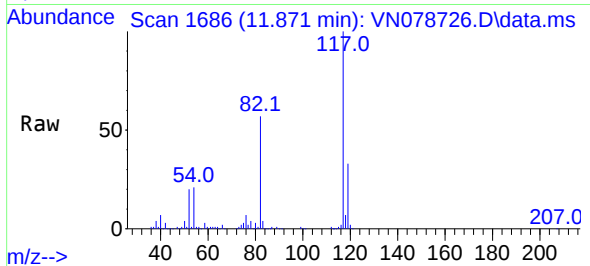




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

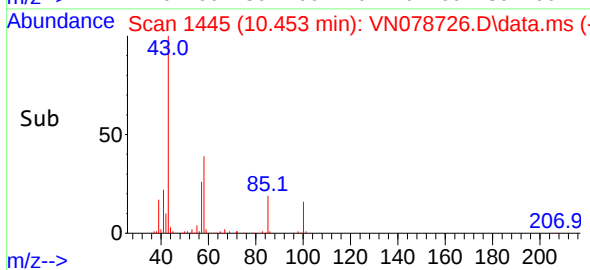
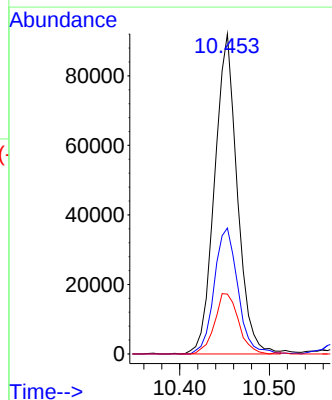
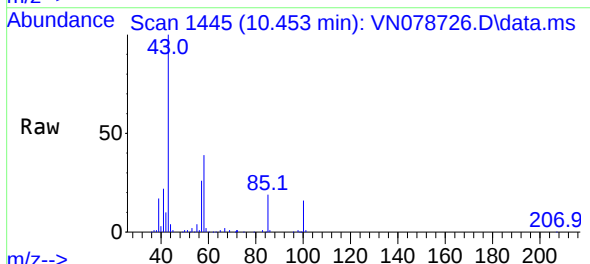
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

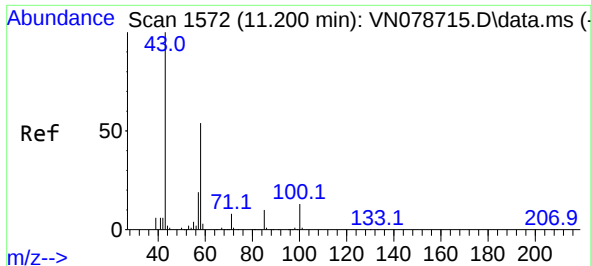
Tgt Ion:	117	Resp:	450772
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.9	65.9
119	31.0	26.2	39.4



#58
4-Methyl-2-Pentanone
Concen: 23.945 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:	43	Resp:	161560
Ion	Ratio	Lower	Upper
43	100		
58	41.1	32.6	48.8
85	19.9	16.2	24.2



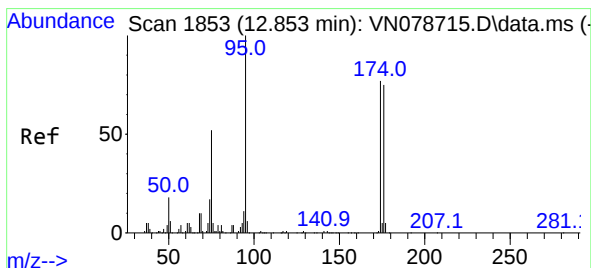
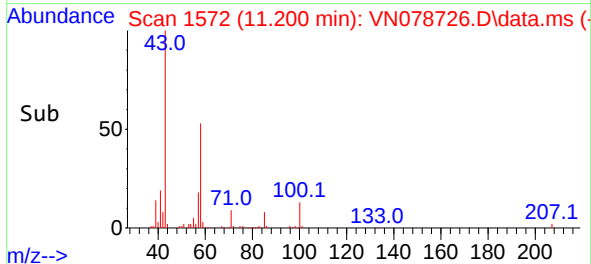
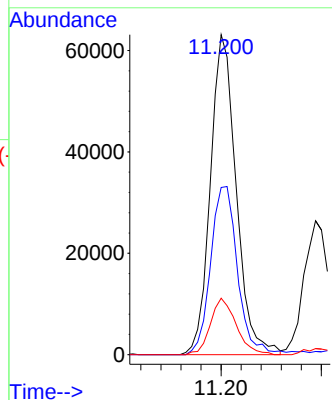
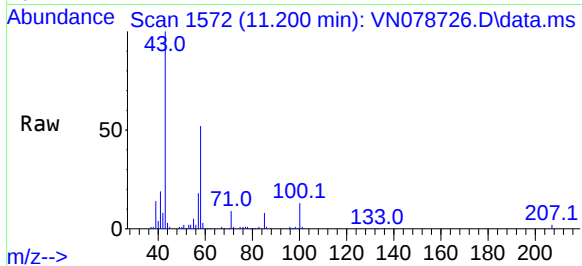


#59
2-Hexanone
Concen: 22.112 ug/l
RT: 11.200 min Scan# 112965
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

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

Tgt Ion: 43 Resp: 112965

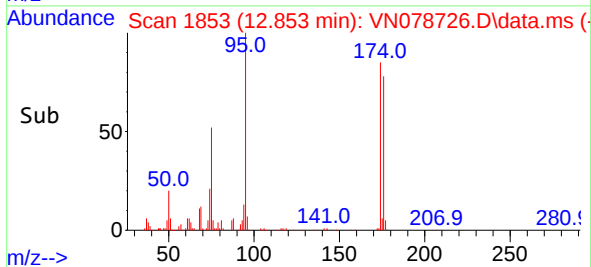
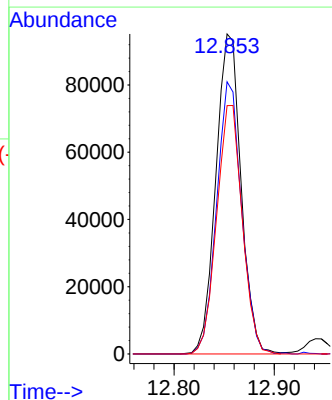
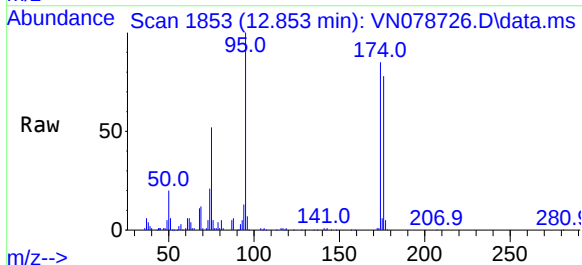
Ion	Ratio	Lower	Upper
43	100		
58	54.4	45.9	68.9
57	17.7	15.8	23.6

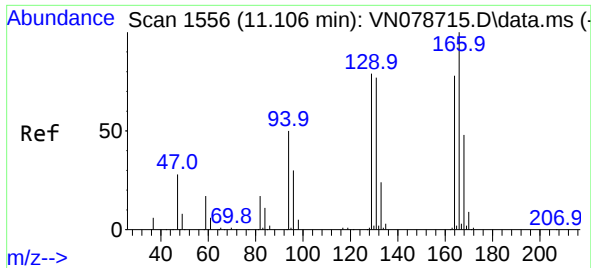


#60
4-Bromofluorobenzene
Concen: 24.623 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 95 Resp: 166337

Ion	Ratio	Lower	Upper
95	100		
174	83.7	61.7	92.5
176	78.8	58.1	87.1

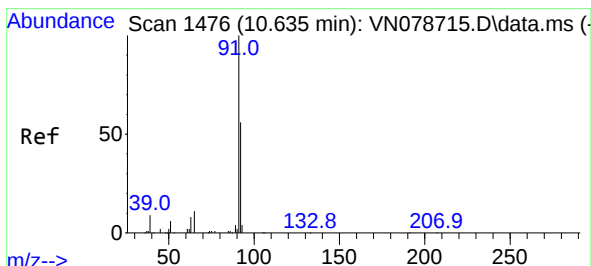
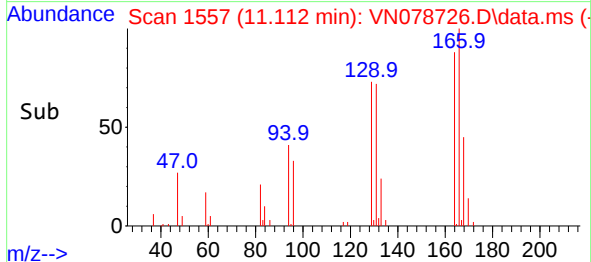
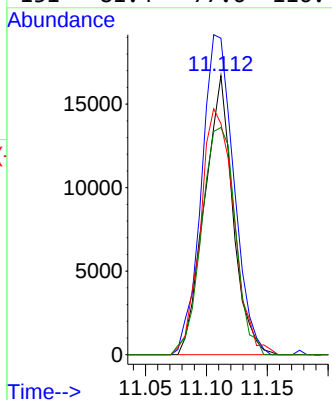
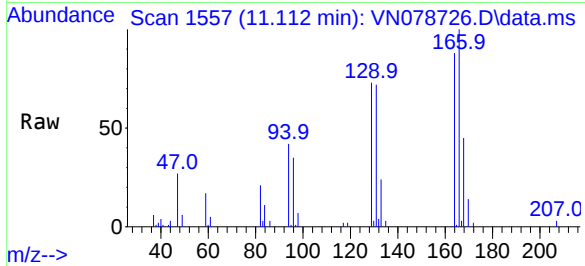




#61
Tetrachloroethene
Concen: 4.579 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

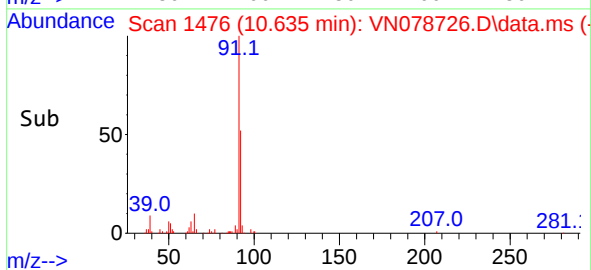
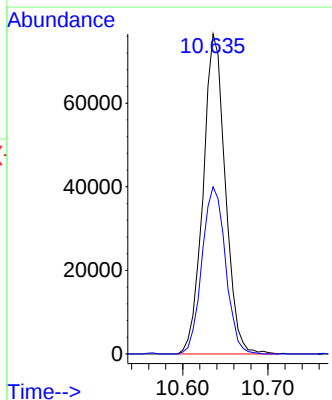
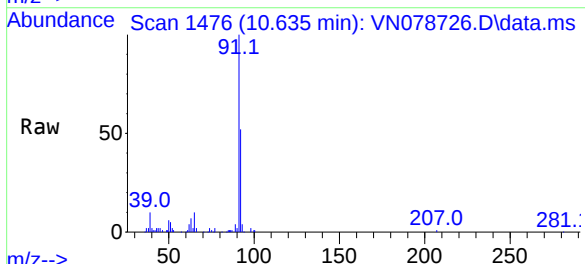
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

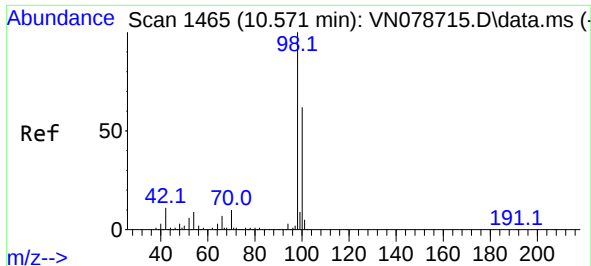
Tgt Ion:164	Resp:	27144
Ion	Ratio	Lower Upper
164	100	
166	113.4	99.1 148.7
129	82.7	85.6 128.4#
131	81.4	77.6 116.4



#62
Toluene
Concen: 5.110 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 91	Resp:	138556
Ion	Ratio	Lower Upper
91	100	
92	55.2	45.2 67.8

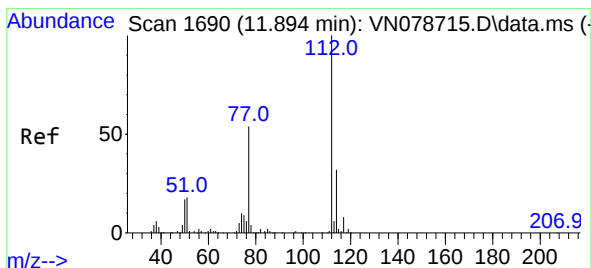
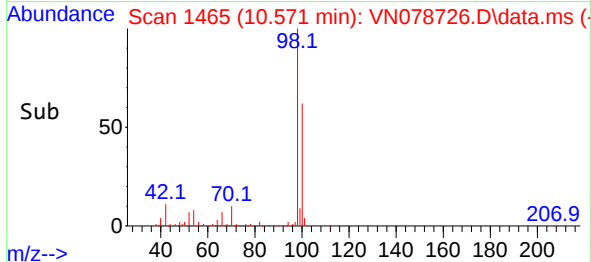
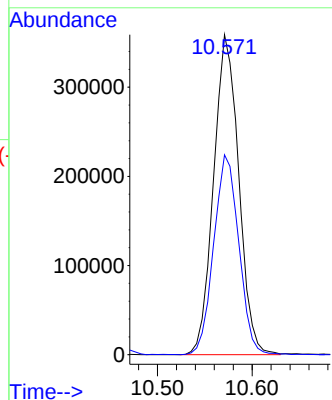
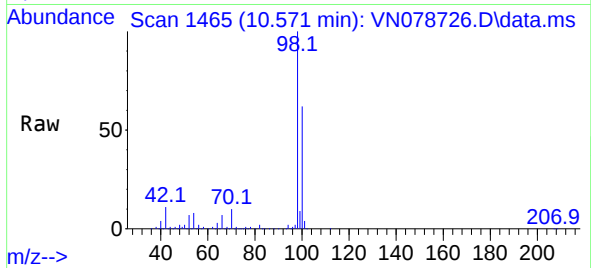




#63
Toluene-d8
Concen: 29.738 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

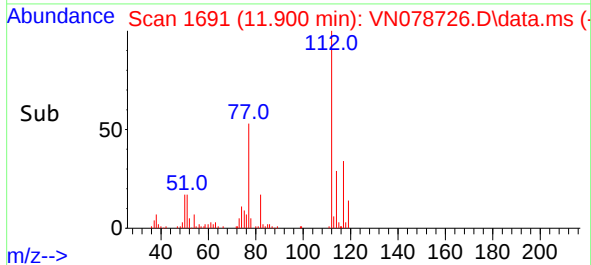
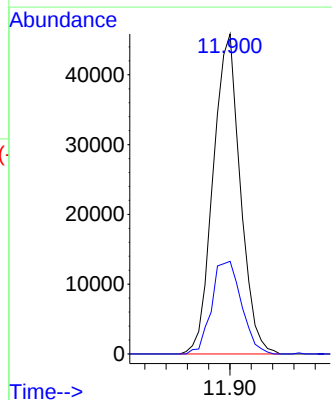
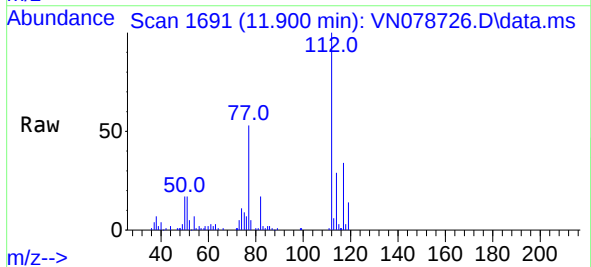
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

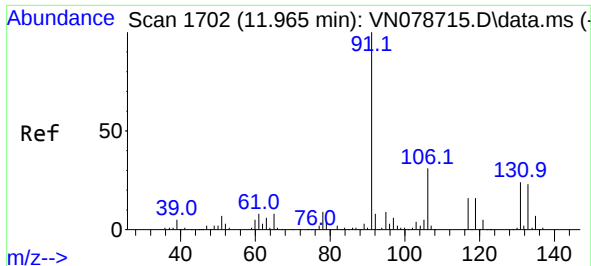
Tgt Ion: 98 Resp: 662199
Ion Ratio Lower Upper
98 100
100 62.4 49.7 74.5



#64
Chlorobenzene
Concen: 5.119 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 112 Resp: 81041
Ion Ratio Lower Upper
112 100
114 28.9 25.9 38.9

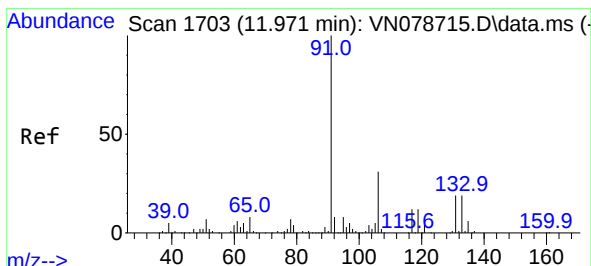
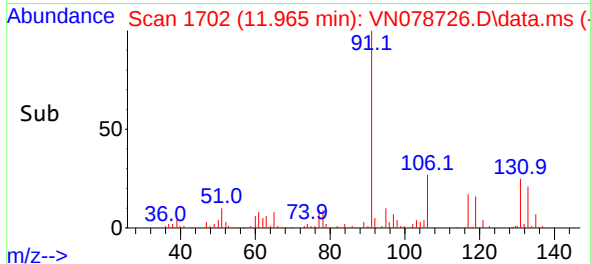
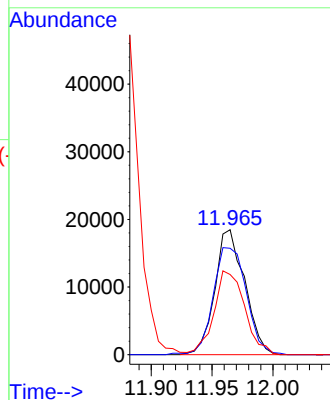
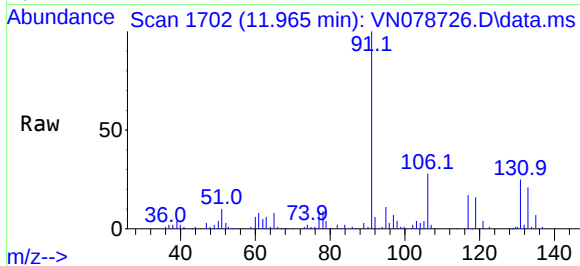




#65
1,1,1,2-Tetrachloroethane
Concen: 5.052 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

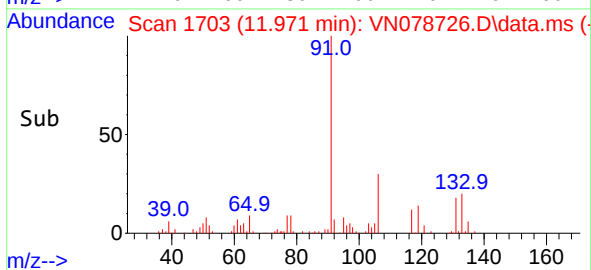
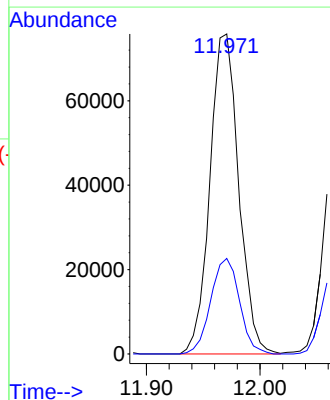
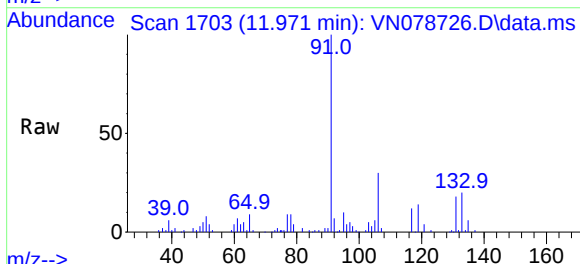
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

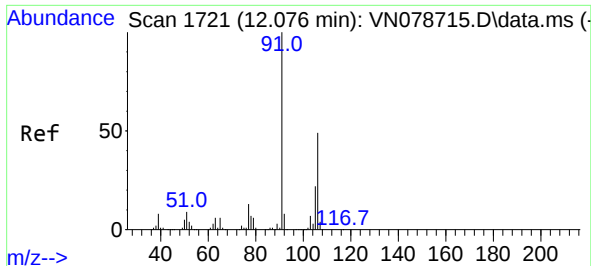
Tgt Ion:	131	Resp:	31540
Ion	Ratio	Lower	Upper
131	100		
133	94.6	0.0	191.8
119	69.0	0.0	132.0



#66
Ethyl Benzene
Concen: 4.895 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:	91	Resp:	133764
Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.6	38.4

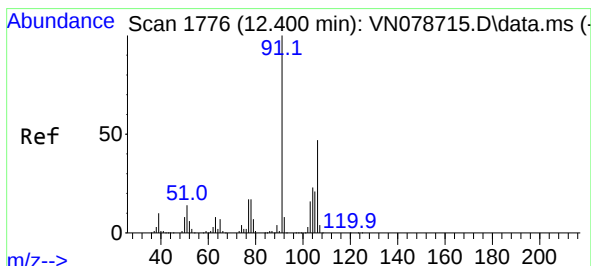
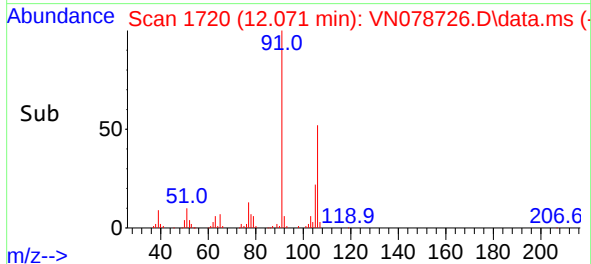
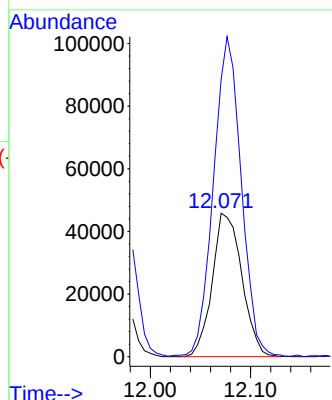
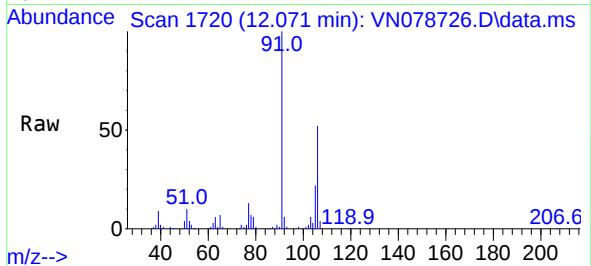




#67
m/p-Xylenes
Concen: 9.002 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

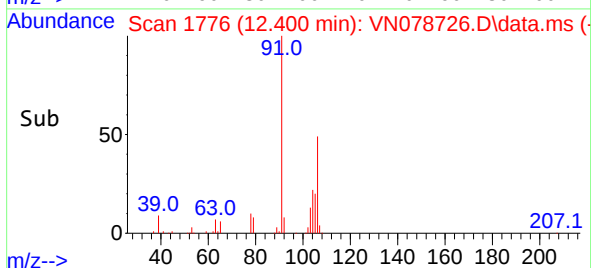
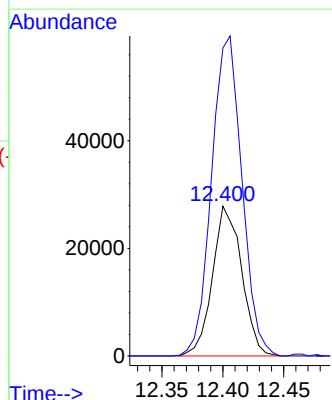
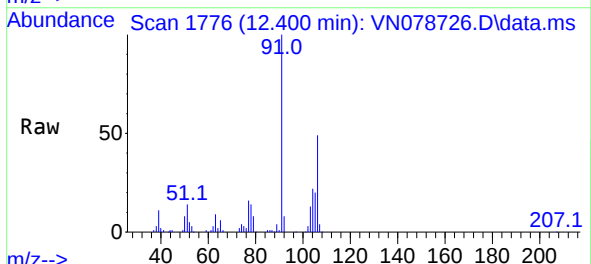
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

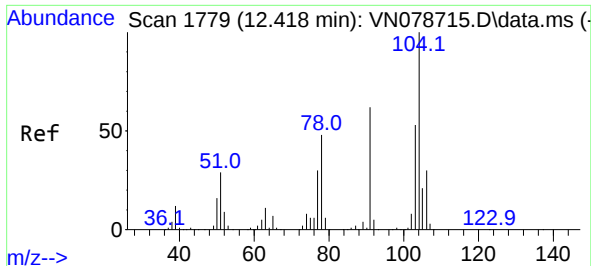
Tgt Ion:106 Resp: 93971
Ion Ratio Lower Upper
106 100
91 209.4 162.5 243.7



#68
o-Xylene
Concen: 4.374 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:106 Resp: 46456
Ion Ratio Lower Upper
106 100
91 221.9 106.1 318.3

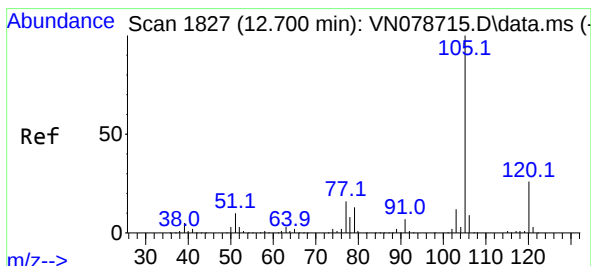
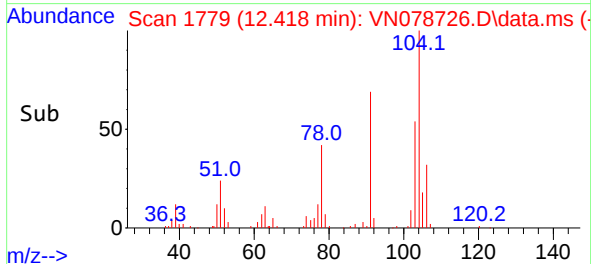
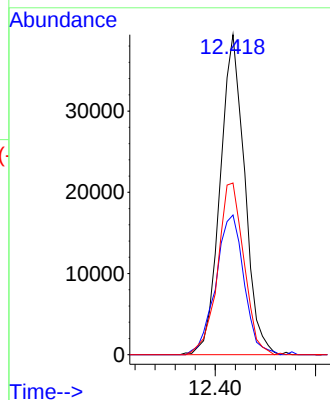
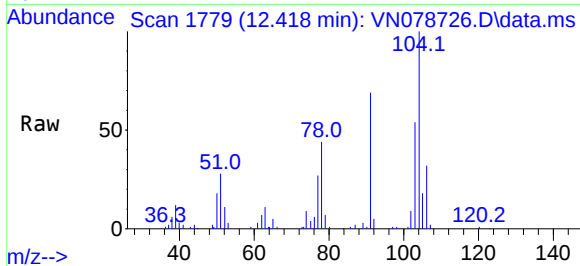




#69
Styrene
Concen: 3.915 ug/l
RT: 12.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

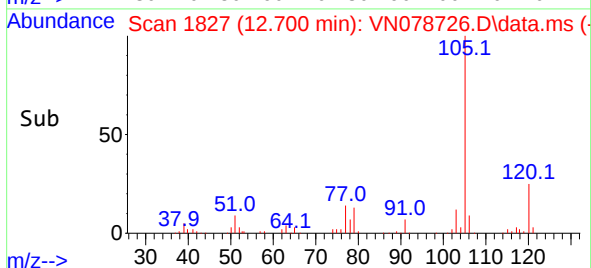
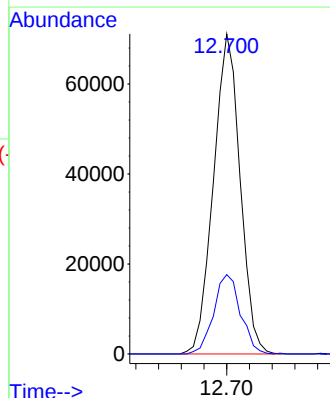
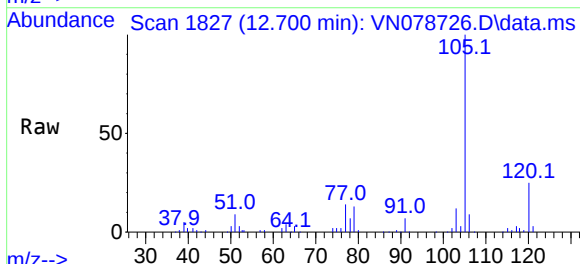
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

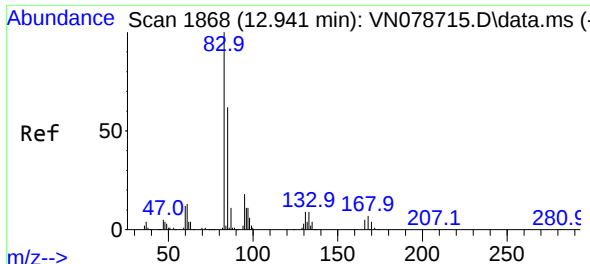
Tgt Ion:104 Resp: 66907
Ion Ratio Lower Upper
104 100
78 50.3 40.1 60.1
103 57.4 45.1 67.7



#70
Isopropylbenzene
Concen: 4.406 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:105 Resp: 115771
Ion Ratio Lower Upper
105 100
120 25.0 18.3 34.1

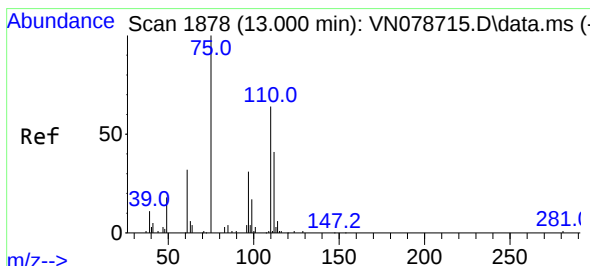
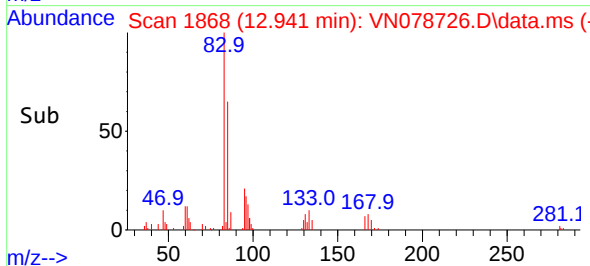
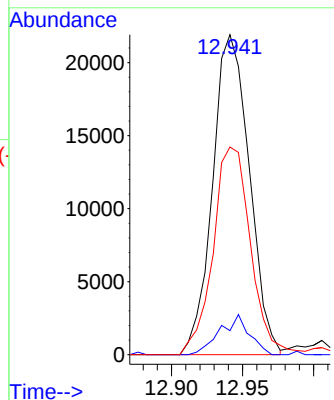
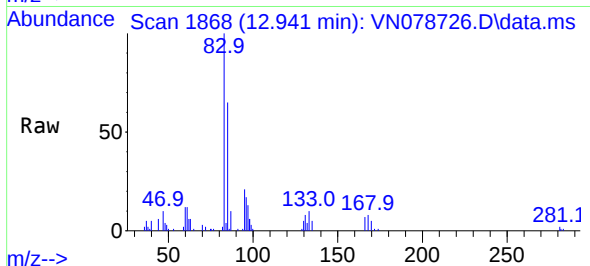




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.614 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078726.D
 Acq: 01 Aug 2023 19:49

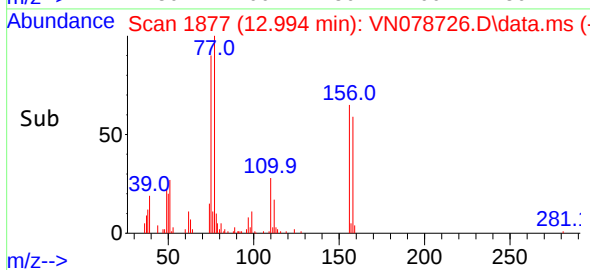
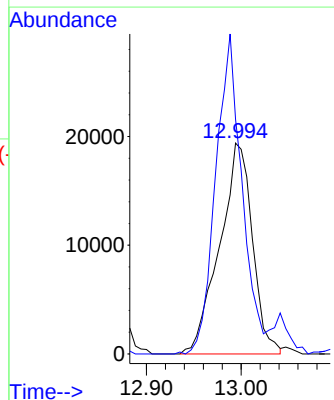
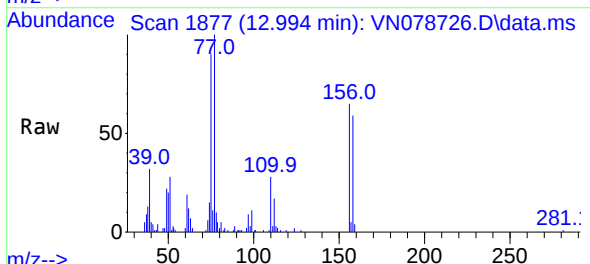
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

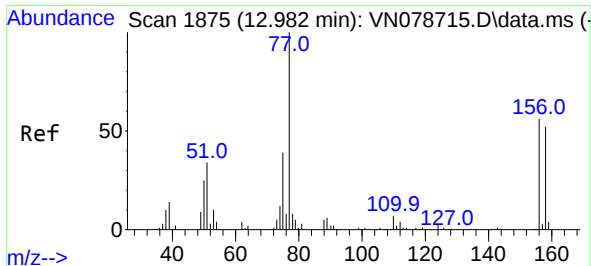
Tgt Ion:	83	Resp:	39382
Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.8	14.4
85	66.4	32.6	98.0



#72
 1,2,3-Trichloropropane
 Concen: 6.524 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VN078726.D
 Acq: 01 Aug 2023 19:49

Tgt Ion:	75	Resp:	46713
Ion	Ratio	Lower	Upper
75	100		
77	120.9	0.0	387.4

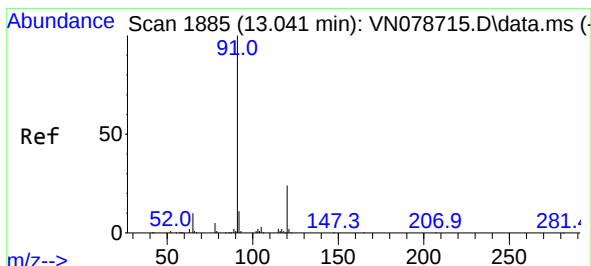
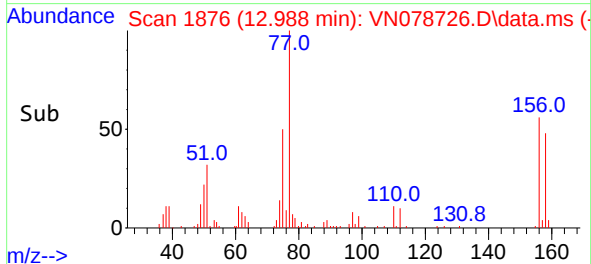
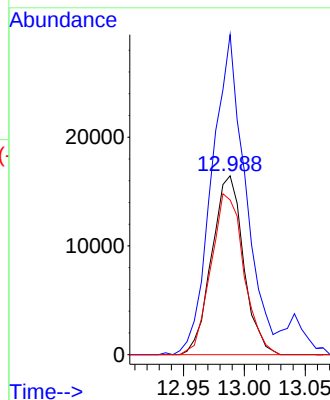
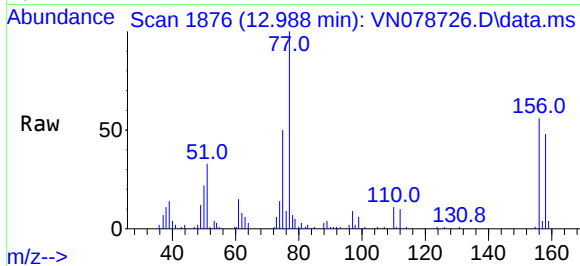




#73
Bromobenzene
Concen: 4.639 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

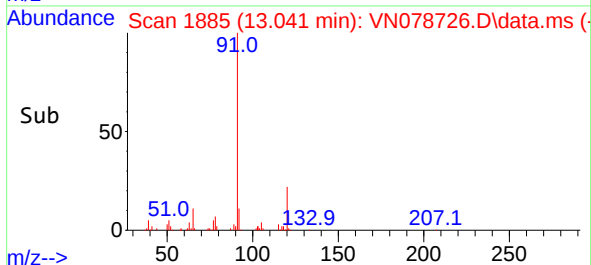
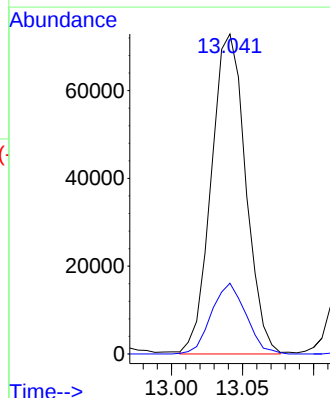
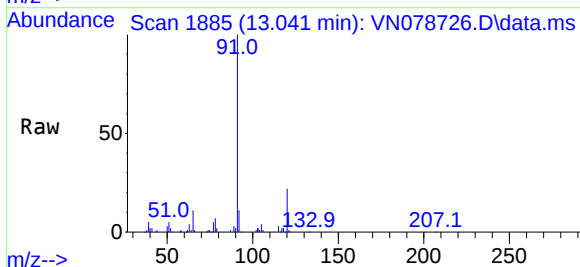
Instrument :
MSVOA_N
ClientSampleId :
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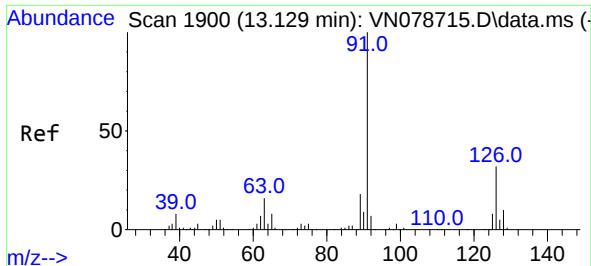
Tgt Ion:	156	Resp:	29878
Ion Ratio	Lower	Upper	
156	100		
77	189.0	0.0	420.8
158	93.1	0.0	193.2



#74
n-propylbenzene
Concen: 4.220 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:	91	Resp:	122895
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	44.6

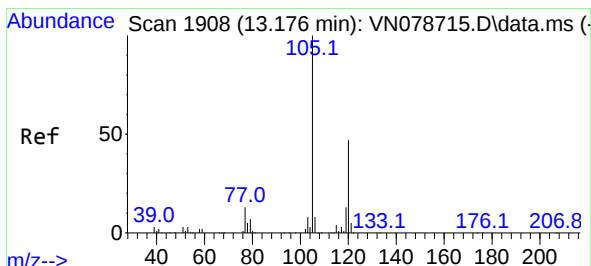
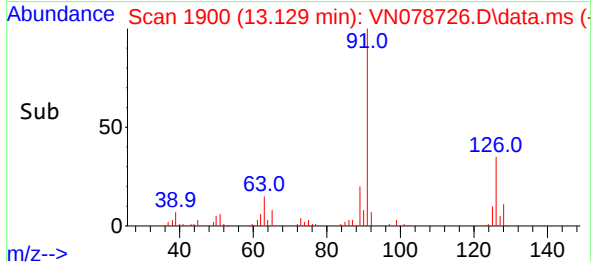
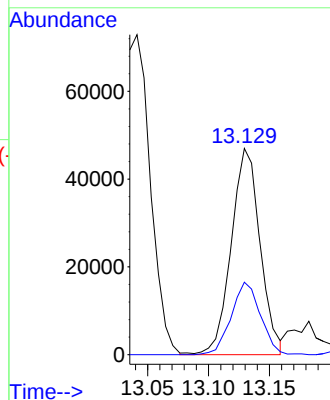
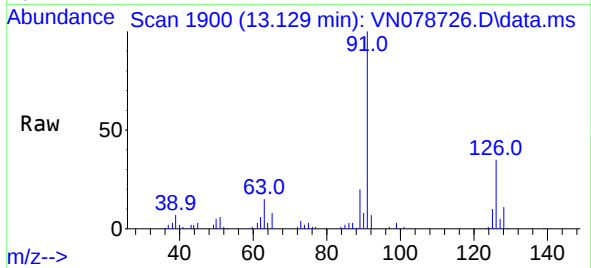




#75
2-Chlorotoluene
Concen: 3.857 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

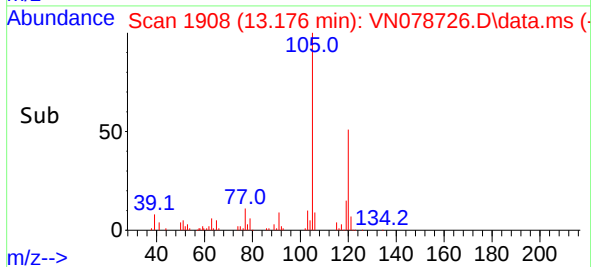
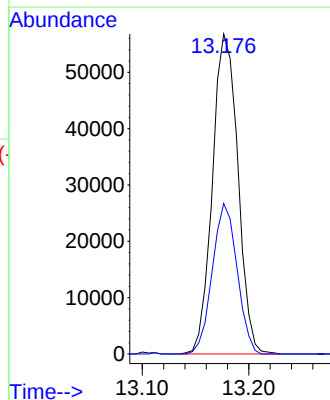
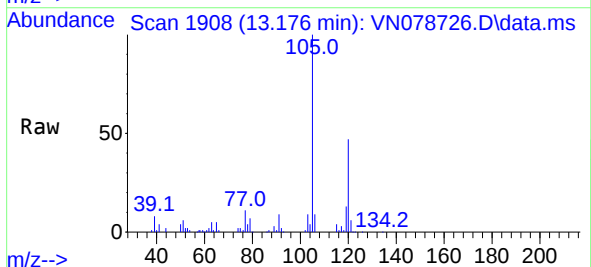
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

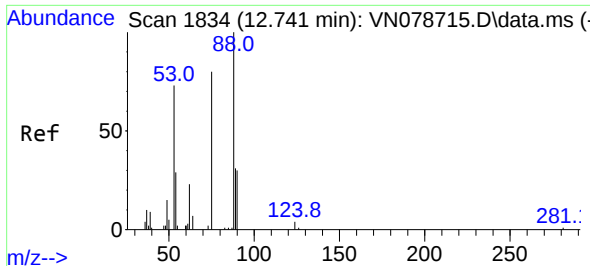
Tgt Ion: 91 Resp: 77574
Ion Ratio Lower Upper
91 100
126 35.4 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 4.015 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion: 105 Resp: 94180
Ion Ratio Lower Upper
105 100
120 45.7 0.0 97.2

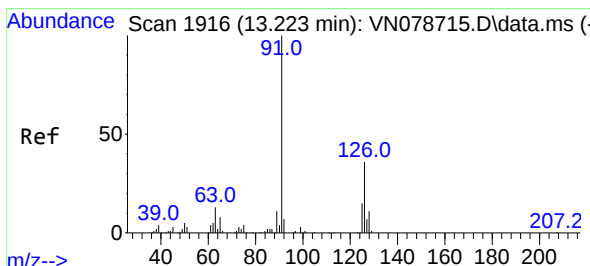
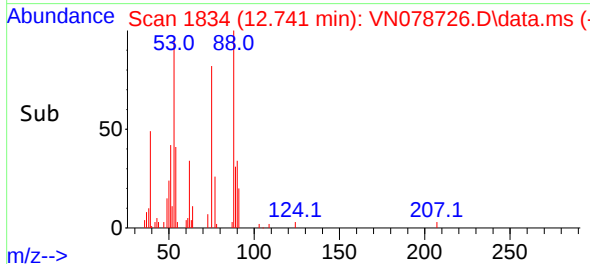
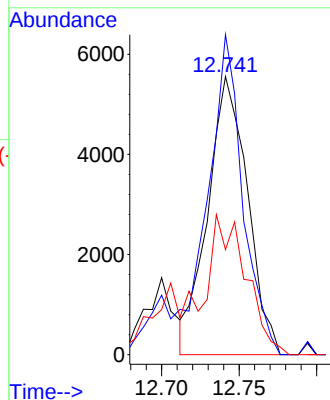
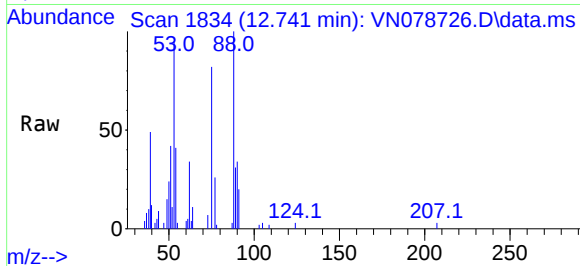




#77
t-1,4-Dichloro-2-butene
Concen: 3.951 ug/l
RT: 12.741 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

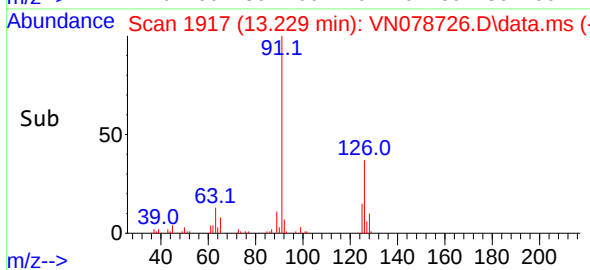
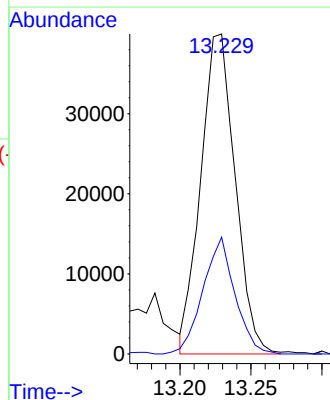
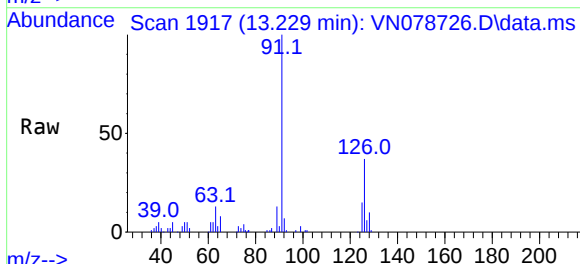
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

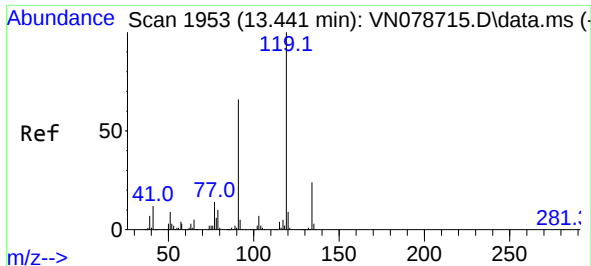
Tgt Ion:	75	Resp:	9888
Ion	Ratio	Lower	Upper
75	100		
53	115.0	41.6	124.9
89	34.9	25.1	75.4



#78
4-Chlorotoluene
Concen: 3.472 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:	91	Resp:	67429
Ion	Ratio	Lower	Upper
91	100		
126	33.9	0.0	68.8

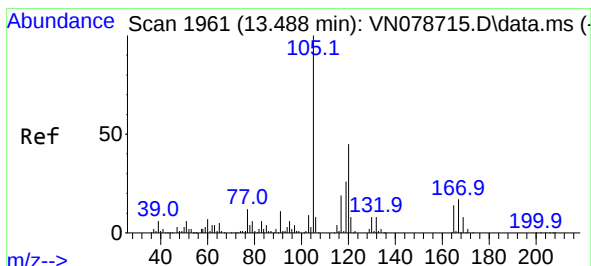
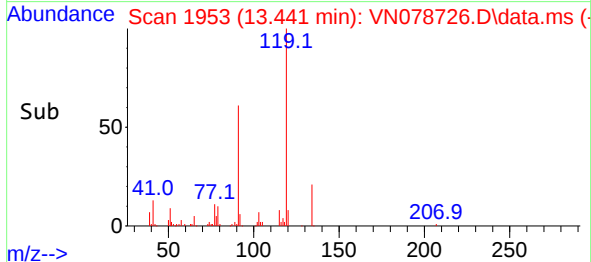
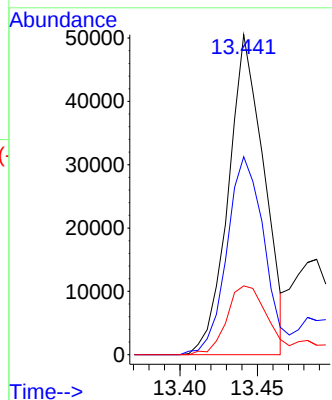
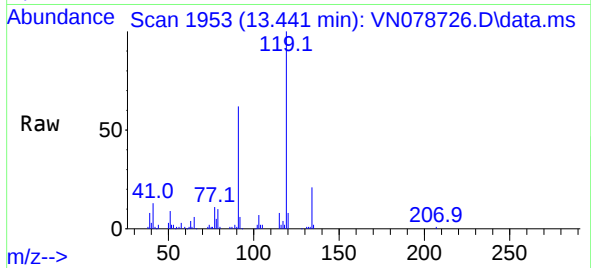




#79
tert-butylbenzene
Concen: 4.001 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

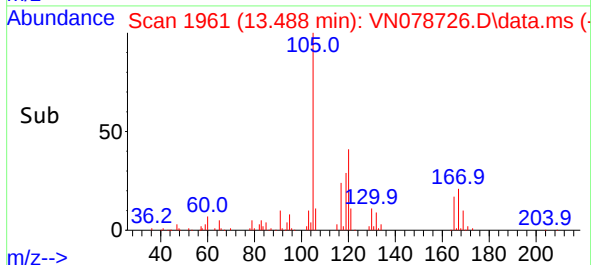
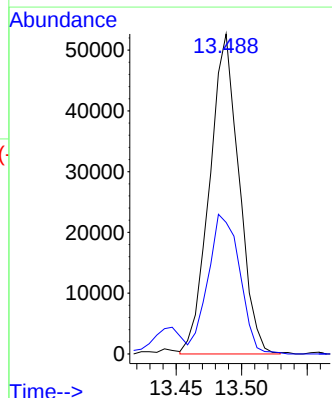
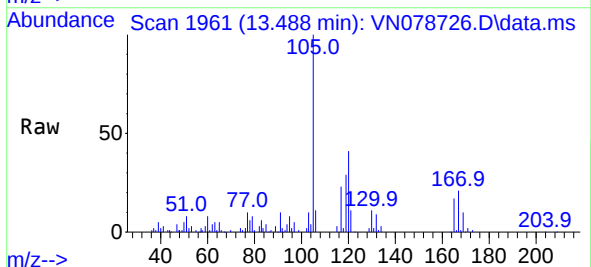
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

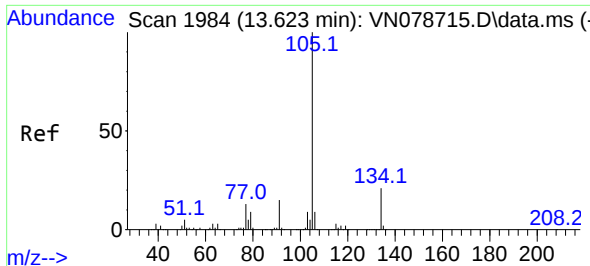
Tgt Ion	119	Resp	80796
Ion	Ratio	Lower	Upper
119	100		
91	65.1	0.0	126.6
134	24.3	0.0	44.0



#80
1,2,4-Trimethylbenzene
Concen: 3.675 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion	105	Resp	82341
Ion	Ratio	Lower	Upper
105	100		
120	46.9	0.0	88.2

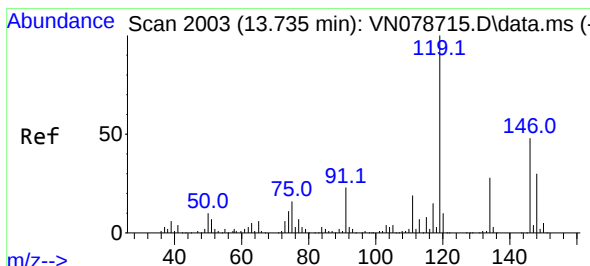
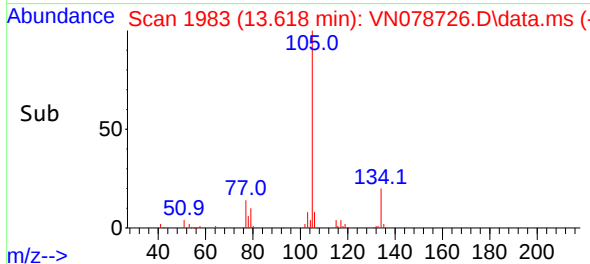
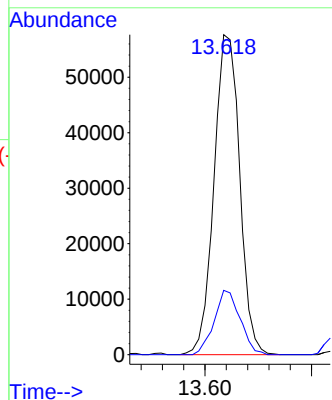
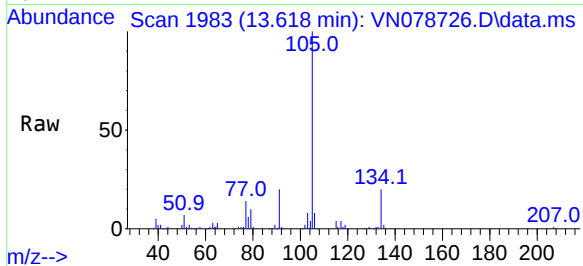




#81
 sec-Butylbenzene
 Concen: 3.726 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.005 min
 Lab File: VN078726.D
 Acq: 01 Aug 2023 19:49

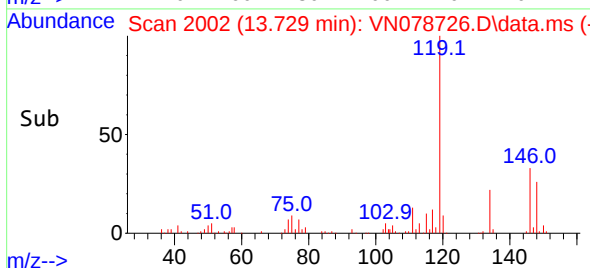
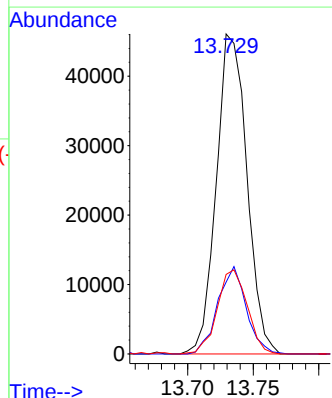
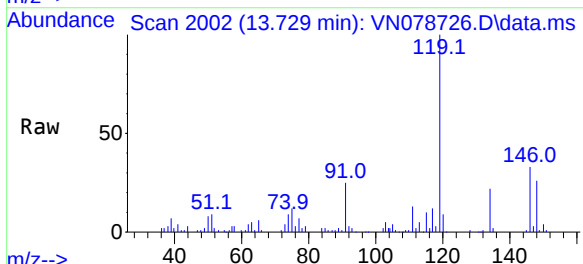
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

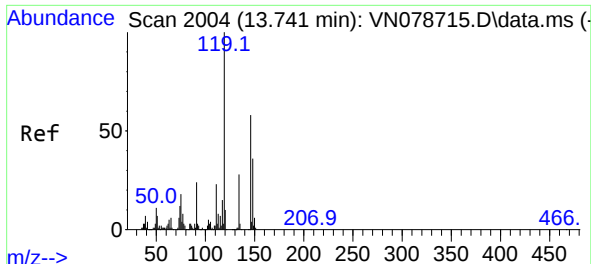
Tgt Ion:105 Resp: 96419
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 3.515 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN078726.D
 Acq: 01 Aug 2023 19:49

Tgt Ion:119 Resp: 74684
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 25.8 0.0 48.2

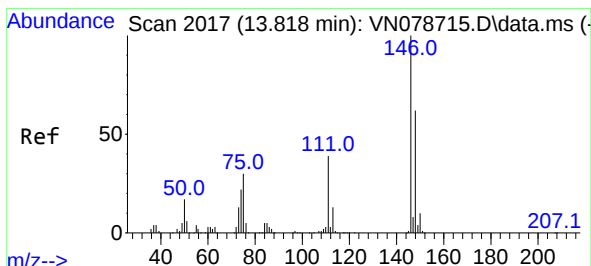
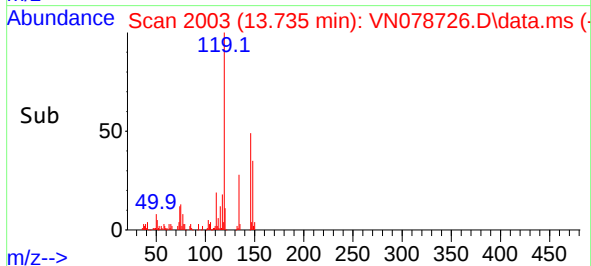
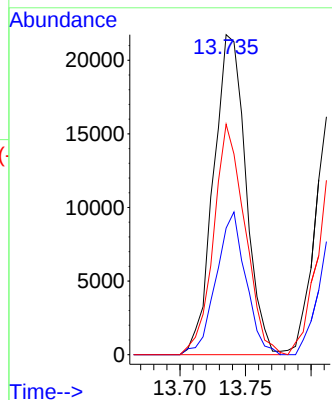
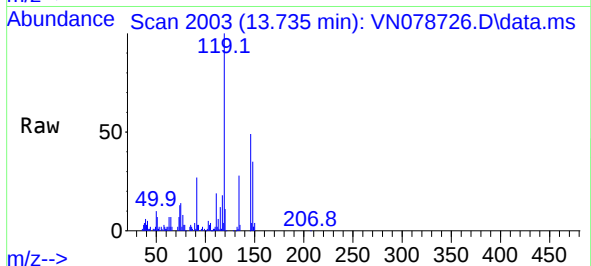




#83
1,3-Dichlorobenzene
Concen: 3.255 ug/l
RT: 13.735 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

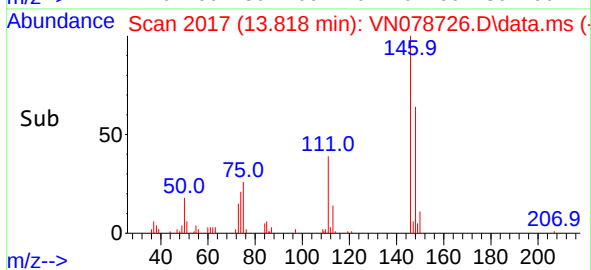
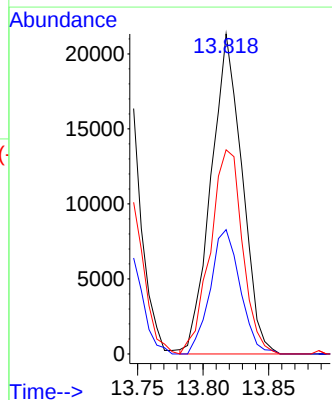
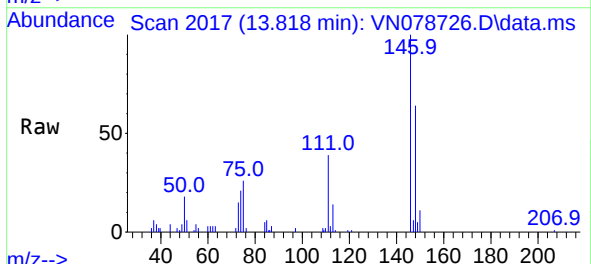
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

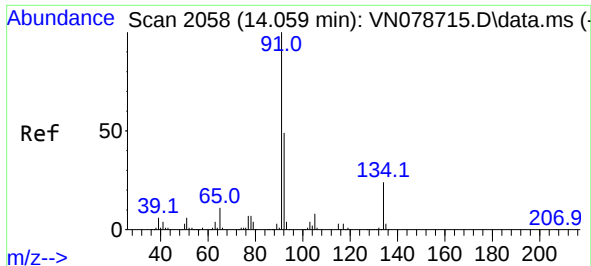
Tgt Ion:146 Resp: 37172
Ion Ratio Lower Upper
146 100
111 41.0 21.6 64.6
148 70.0 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 3.278 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:146 Resp: 35048
Ion Ratio Lower Upper
146 100
111 37.6 19.4 58.2
148 66.5 31.4 94.3

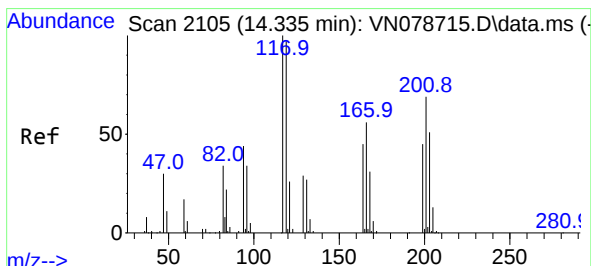
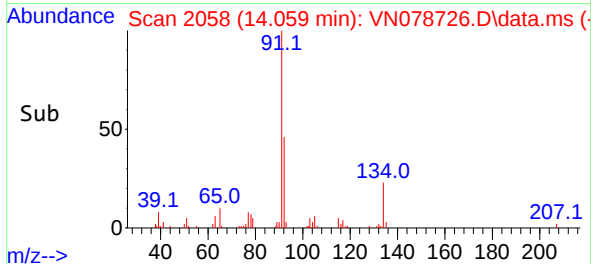
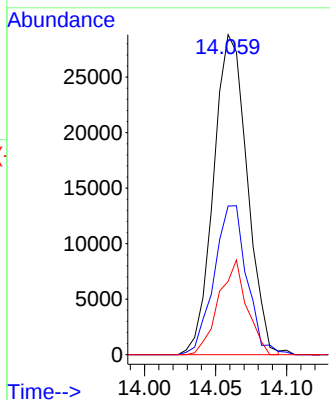
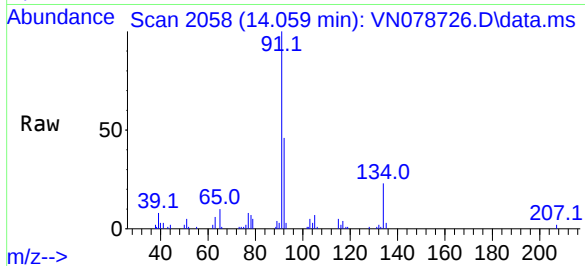




#85
n-Butylbenzene
Concen: 3.215 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

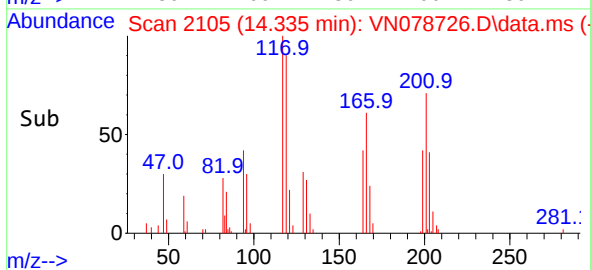
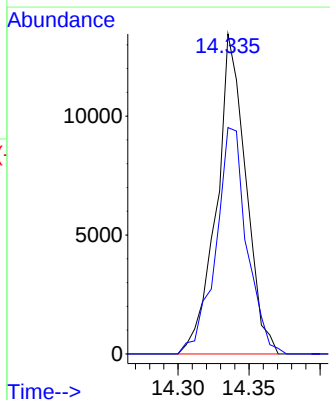
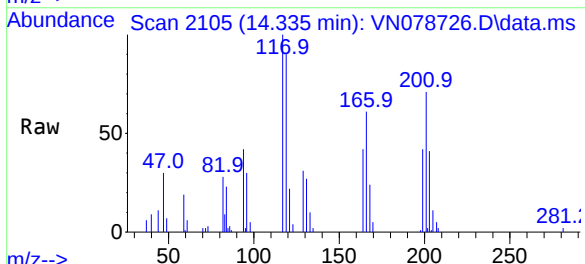
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

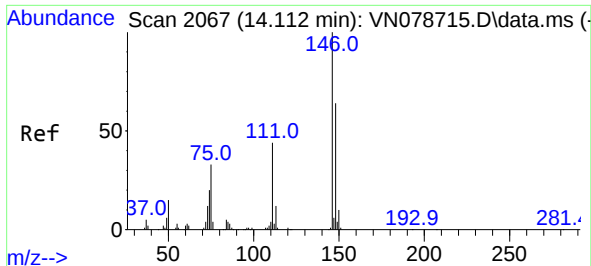
Tgt Ion:	91	Resp:	47364
Ion	Ratio	Lower	Upper
91	100		
92	44.6	0.0	99.6
134	24.9	0.0	50.0



#86
Hexachloroethane
Concen: 4.977 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:	117	Resp:	19269
Ion	Ratio	Lower	Upper
117	100		
201	74.9	34.2	102.6





#87

1,2-Dichlorobenzene

Concen: 3.608 ug/l

RT: 14.118 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

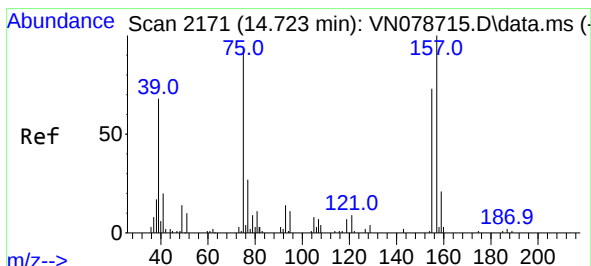
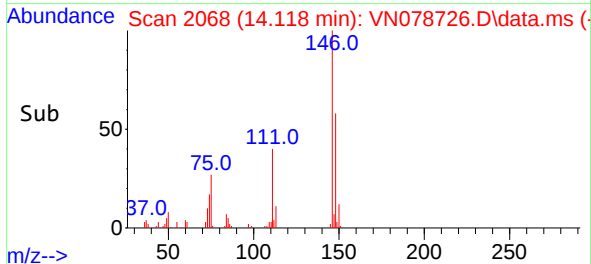
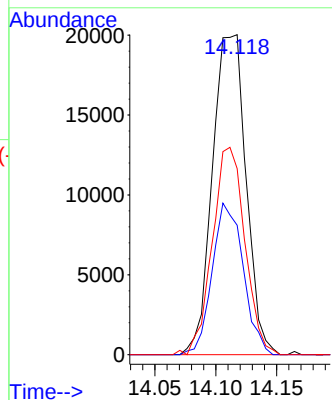
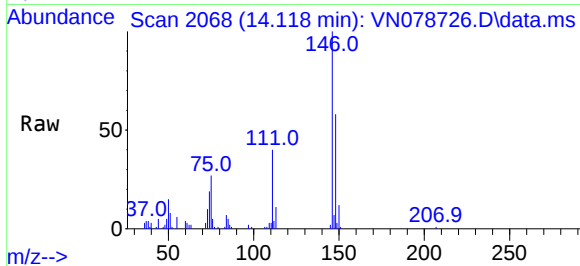
Tgt Ion:146 Resp: 38570

Ion Ratio Lower Upper

146 100

111 43.6 22.4 67.3

148 62.4 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 3.727 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

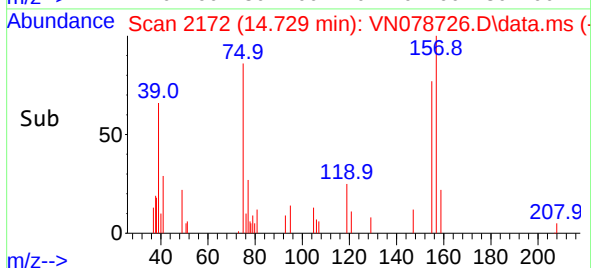
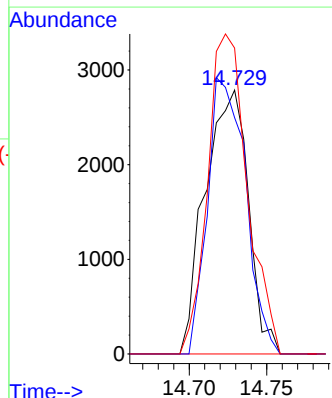
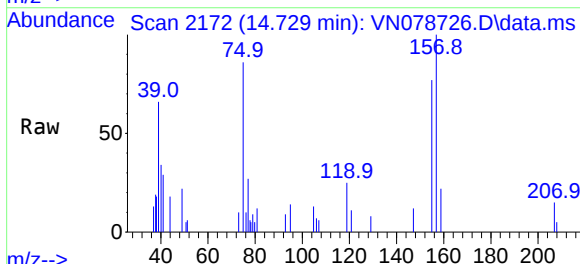
Tgt Ion: 75 Resp: 5402

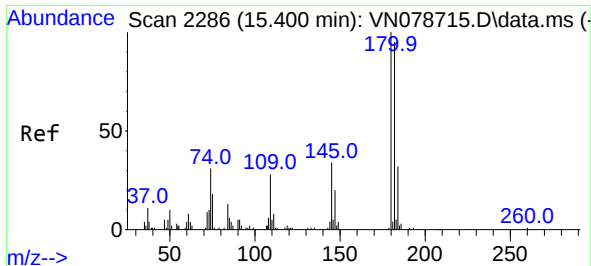
Ion Ratio Lower Upper

75 100

155 92.3 68.2 102.2

157 111.3 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 3.364 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.447 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

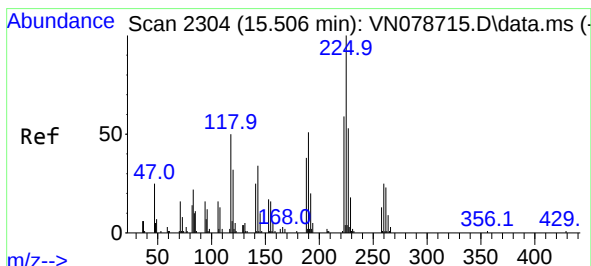
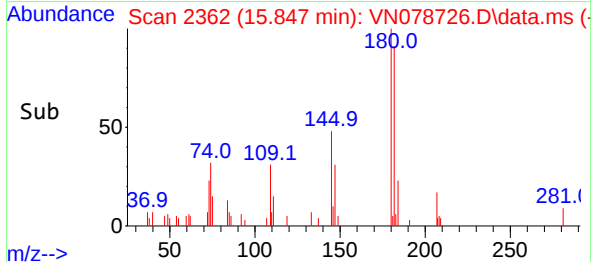
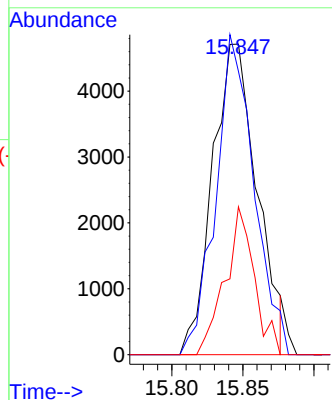
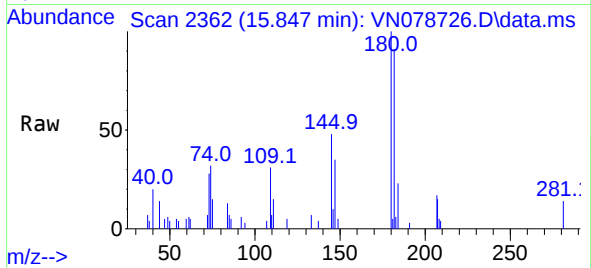
Tgt Ion:180 Resp: 10260

Ion Ratio Lower Upper

180 100

182 88.2 73.7 110.5

145 31.2 25.0 37.6



#90

Hexachlorobutadiene

Concen: 4.702 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN078726.D

Acq: 01 Aug 2023 19:49

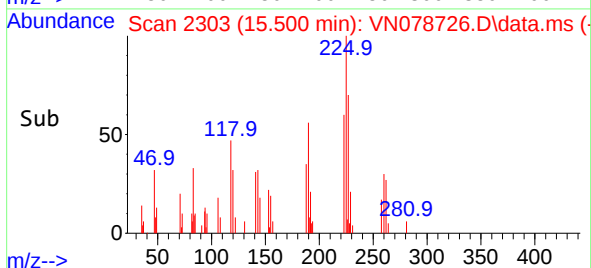
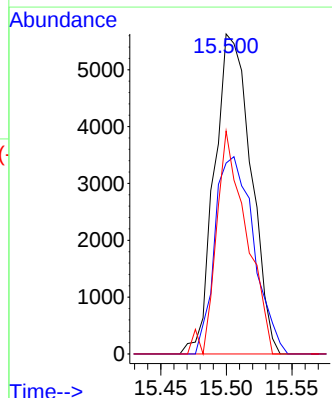
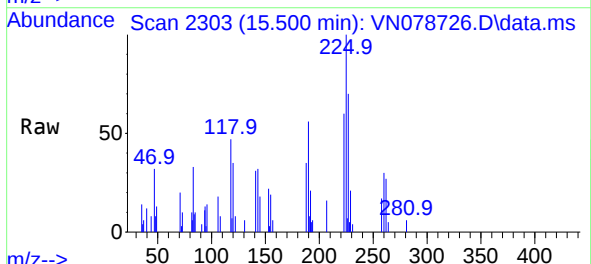
Tgt Ion:225 Resp: 10924

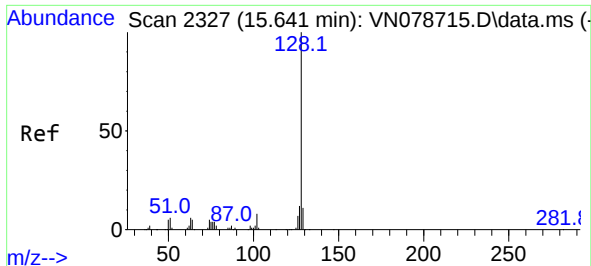
Ion Ratio Lower Upper

225 100

223 65.4 0.0 130.0

227 56.0 0.0 124.0

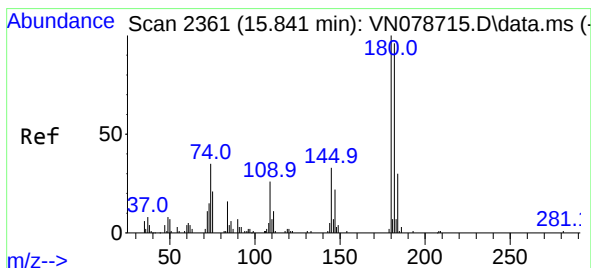
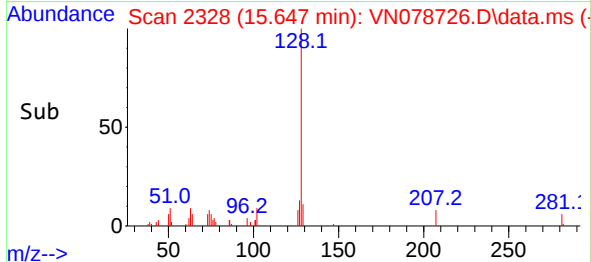
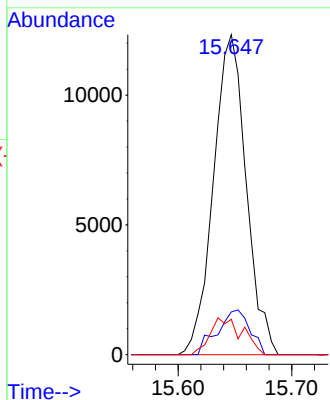
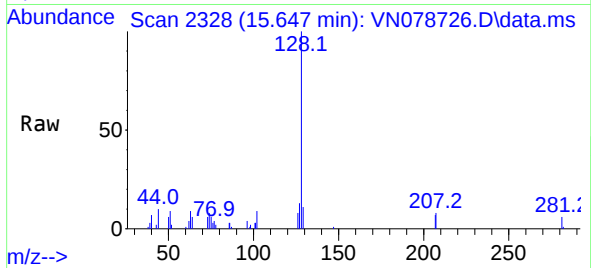




#91
Naphthalene
Concen: 2.672 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

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

Tgt Ion:	128	Resp:	24689
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	8.7	9.0	13.4



#92
1,2,3-Trichlorobenzene
Concen: 2.987 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078726.D
Acq: 01 Aug 2023 19:49

Tgt Ion:	180	Resp:	10367
Ion	Ratio	Lower	Upper
180	100		
182	87.3	0.0	196.4
145	30.9	0.0	71.0

