

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054857.D
 Acq On : 24 Jul 2023 13:49
 Operator : MD/SY
 Sample : 03573-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 25 02:14:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 09:59:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	26720	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7911	0.980	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9223	0.987	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	5336	1.004	ug/l	93
3) Chloromethane	1.518	50	5994	0.971	ug/l	90
4) Vinyl Chloride	1.602	62	7570	0.955	ug/l	97
5) Bromomethane	1.856	94	5844	1.039	ug/l	85
6) Chloroethane	1.930	64	7239	0.966	ug/l	91
7) Trichlorofluoromethane	2.133	101	18639	0.970	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	5611	1.019	ug/l	96
9) 1,1-Dichloroethene	2.576	96	4873	1.060	ug/l	94
10) Iodomethane	2.718	142	7467	1.008	ug/l	93
11) Allyl Chloride	2.920	41	5817	1.079	ug/l	90
12) Acrylonitrile	3.345	53	1954	1.747	ug/l	# 62
13) Acetone	2.650	43	3436	3.584	ug/l	# 84
14) Carbon Disulfide	2.789	76	7901	1.020	ug/l	100
15) Methylene Chloride	3.043	84	8434	0.700	ug/l	90
16) trans-1,2-Dichloroethene	3.348	96	4808	0.941	ug/l	98
17) 1,1-Dichloroethane	3.866	63	10667	0.987	ug/l	97
18) 2-Butanone	4.737	43	4304	3.069	ug/l	99
19) Cyclohexane	5.380	56	6945	1.110	ug/l	98
20) Methylcyclohexane	6.756	83	8184	0.985	ug/l	97
21) 2,2-Dichloropropane	4.660	77	9890	1.049	ug/l	100
22) cis-1,2-Dichloroethene	4.666	96	6640	1.027	ug/l	96
23) Diethyl Ether	2.374	59	7496	1.061	ug/l	93
24) tert-Butyl Alcohol	3.258	59	1143	1.879	ug/l	# 92
25) Methyl tert-Butyl Ether	3.364	73	14265	1.017	ug/l	96
26) Bromochloromethane	4.968	128	1167	0.473	ug/l	# 1
27) Chloroform	5.087	83	12174	1.025	ug/l	99
28) 1,1,1-Trichloroethane	5.313	97	10434	1.045	ug/l	99
29) 1,1-Dichloropropene	5.522	75	7077	0.997	ug/l	97
30) Carbon Tetrachloride	5.518	117	7658	0.923	ug/l	98
31) Isopropyl Ether	3.991	45	16635	1.040	ug/l	100
32) Ethyl-t-butyl ether	4.499	59	16725	1.018	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	15682	1.014	ug/l	100
34) Propionitrile	4.805	54	492	1.173	ug/l	# 34
35) Benzene	5.772	78	23428	1.015	ug/l	100
36) 1,2-Dichloroethane	5.792	62	6485	0.978	ug/l	100
37) Trichloroethene	6.544	130	6367	1.021	ug/l	95
38) 1,2-Dichloropropane	6.785	63	6113	0.918	ug/l	97
39) Methacrylonitrile	5.001	41	492	0.329	ug/l	# 1
40) Methyl acrylate	4.869	55	1996	0.783	ug/l	# 72
41) Tetrahydrofuran	5.068	42	1624	1.840	ug/l	# 70
42) 1-Chlorobutane	5.457	56	10255	1.068	ug/l	98
43) Dibromomethane	6.914	93	2803	0.905	ug/l	# 83
44) Bromodichloromethane	7.100	83	8961	1.056	ug/l	# 96

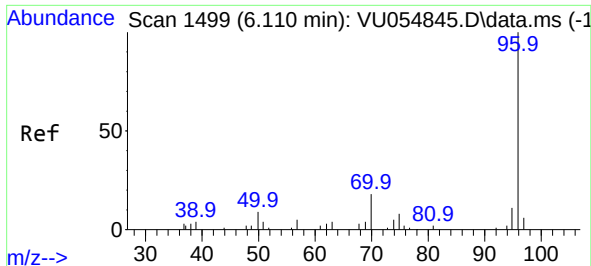
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	17434	4.755	ug/l	96
46) t-1,4-Dichloro-2-butene	10.824	75	7147	4.656	ug/l #	46
47) Methyl methacrylate	6.962	69	5229	1.797	ug/l	89
48) Ethyl methacrylate	8.335	69	6091	1.030	ug/l	92
49) Toluene	7.968	92	14603	0.992	ug/l	96
50) t-1,3-Dichloropropene	8.210	75	7471	0.993	ug/l	91
51) cis-1,3-Dichloropropene	7.605	75	9033	0.987	ug/l	99
52) 1,1,2-Trichloroethane	8.399	97	4574	0.978	ug/l	96
53) 1,3-Dichloropropane	8.573	76	7745	0.983	ug/l	91
54) 2-Hexanone	8.685	43	12778	4.998	ug/l	93
55) Dibromochloromethane	8.811	129	5117	0.916	ug/l	97
56) 1,2-Dibromoethane	8.923	107	4113	1.006	ug/l	96
58) Tetrachloroethene	8.550	164	5958	1.096	ug/l	91
59) Chlorobenzene	9.447	112	16989	0.968	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.531	131	6473	1.045	ug/l	94
61) Pentachloroethane	11.428	117	4837	0.992	ug/l	92
62) Hexachloroethane	12.467	117	4843	0.967	ug/l	97
63) Ethyl Benzene	9.566	91	29439	0.984	ug/l	93
64) m/p-Xylenes	9.692	106	21946	1.940	ug/l	100
65) o-Xylene	10.097	106	11805	1.036	ug/l	88
66) Styrene	10.113	104	17605	0.962	ug/l	97
67) Bromoform	10.283	173	2748	0.913	ug/l	93
69) Isopropylbenzene	10.480	105	29940	0.969	ug/l	93
70) 1,1,2,2-Tetrachloroethane	10.779	83	5725	0.982	ug/l	99
71) 1,2,3-Trichloropropane	10.824	75	7147	1.740	ug/l #	59
72) Bromobenzene	10.782	156	7256	1.018	ug/l	95
73) n-propylbenzene	10.904	120	8064	0.971	ug/l	97
74) 2-Chlorotoluene	10.981	126	6918	0.957	ug/l	92
75) 1,3,5-Trimethylbenzene	11.087	105	23942	0.951	ug/l	99
76) 4-Chlorotoluene	11.097	126	7570	1.018	ug/l	100
77) tert-Butylbenzene	11.415	119	25343	0.977	ug/l	97
78) 1,2,4-Trimethylbenzene	11.467	105	23943	0.946	ug/l	97
79) sec-Butylbenzene	11.640	105	31944	0.949	ug/l	100
80) Nitrobenzene	13.216	77	318	4.475	ug/l #	79
81) p-Isopropyltoluene	11.791	119	23883	0.871	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	14685	1.029	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	14155	0.989	ug/l	96
84) n-Butylbenzene	12.206	91	20677	0.820	ug/l	97
85) 1,2-Dichlorobenzene	12.213	146	13385	0.984	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.997	75	848	1.248	ug/l #	53
87) 1,2,4-Trichlorobenzene	13.840	180	8212	0.942	ug/l	96
88) Hexachlorobutadiene	14.013	225	4655	1.000	ug/l	96
89) Naphthalene	14.087	128	12767	0.906	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	7479	0.993	ug/l	92

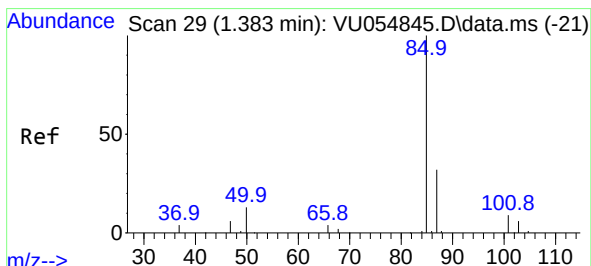
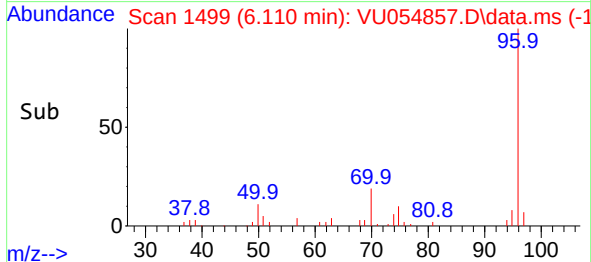
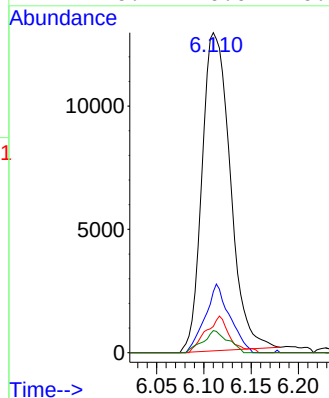
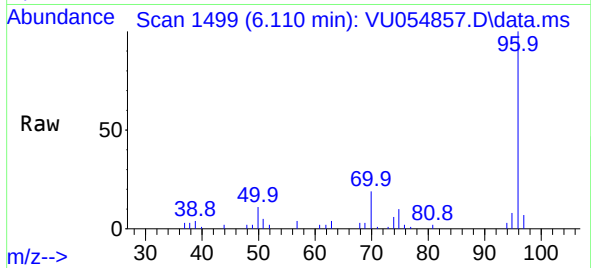
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
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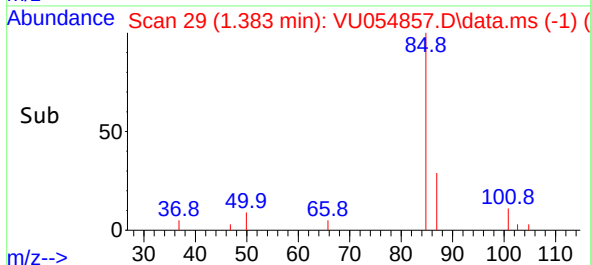
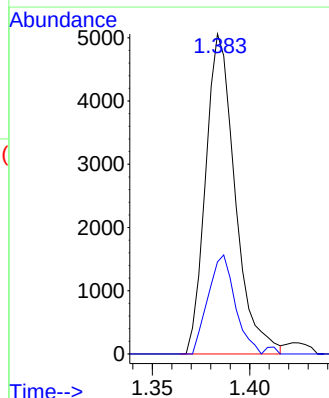
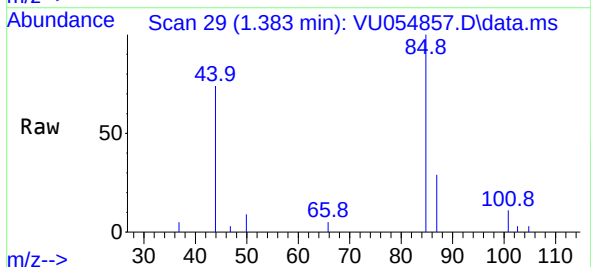
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023

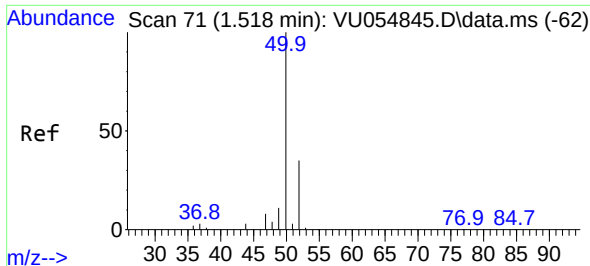
Tgt Ion:	96	Resp:	26720
Ion Ratio	Lower	Upper	
96	100		
70	18.9	14.0	21.0
95	9.7	8.7	13.1
97	6.1	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 1.004 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:	85	Resp:	5336
Ion Ratio	Lower	Upper	
85	100		
87	28.7	16.2	48.6

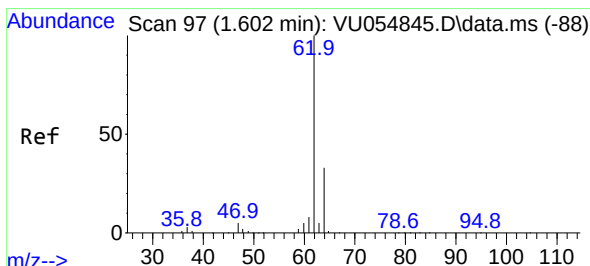
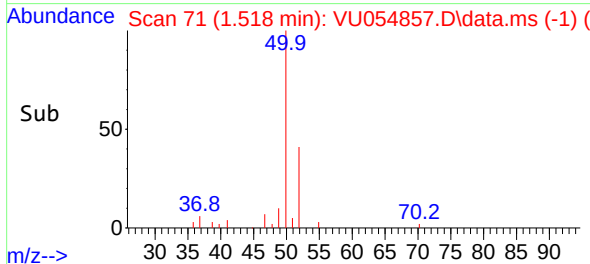
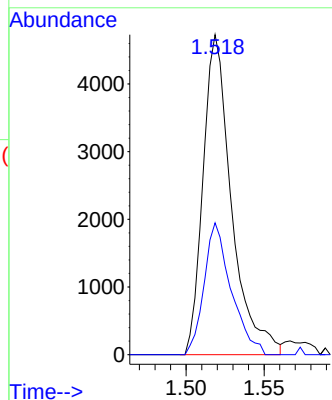
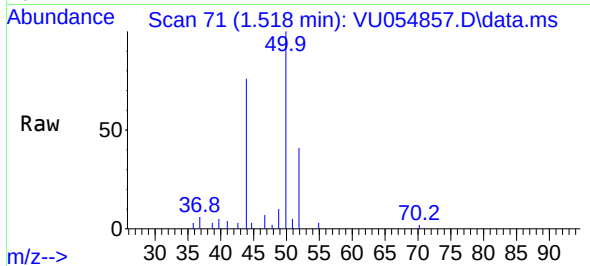




#3
Chloromethane
Concen: 0.971 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

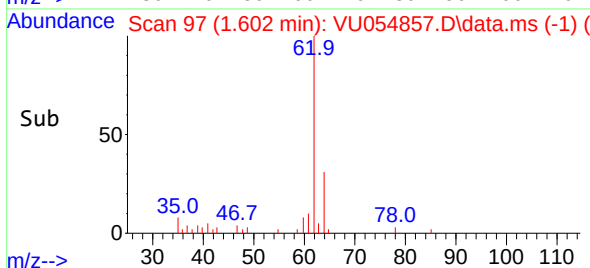
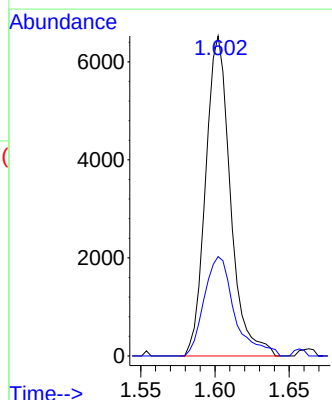
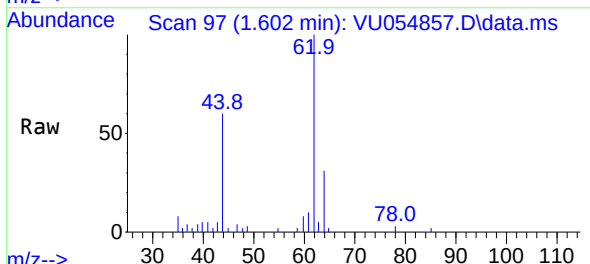
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MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

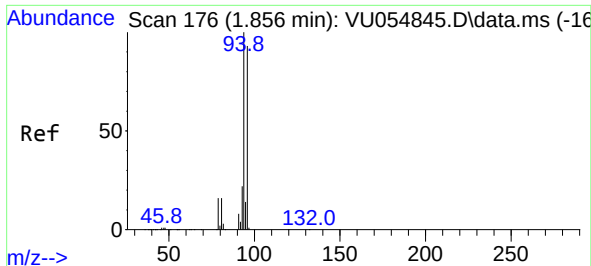
Tgt Ion: 50 Resp: 5994
Ion Ratio Lower Upper
50 100
52 41.2 28.2 42.2



#4
Vinyl Chloride
Concen: 0.955 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 62 Resp: 7570
Ion Ratio Lower Upper
62 100
64 31.1 26.4 39.6

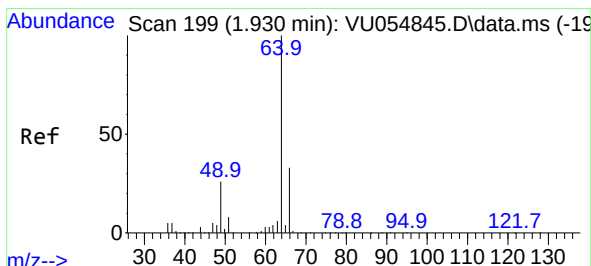
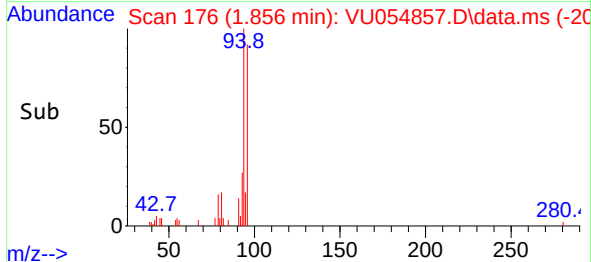
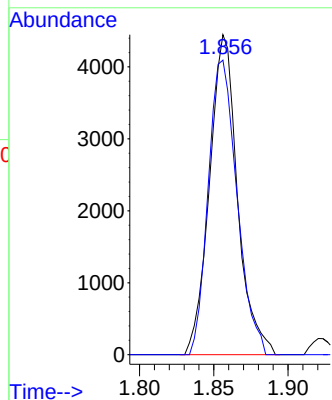
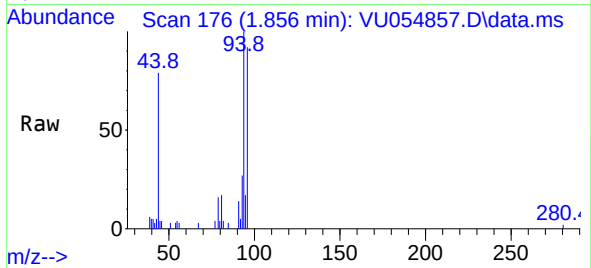




#5
Bromomethane
Concen: 1.039 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

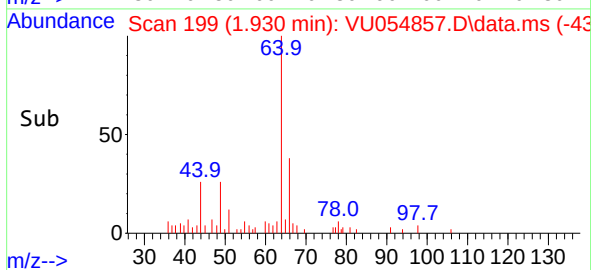
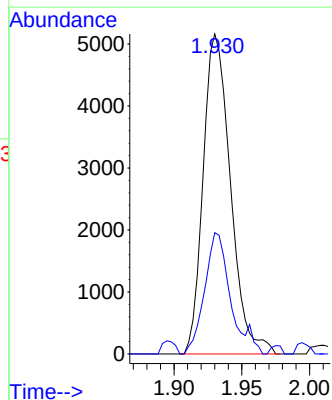
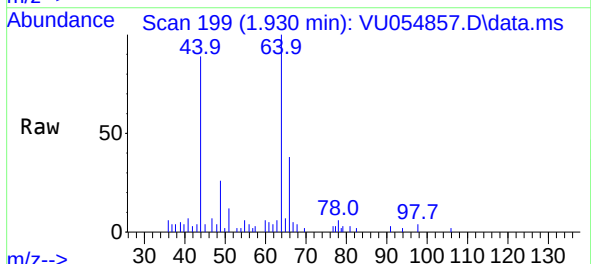
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LOQ-WATER-02-QT3-2023

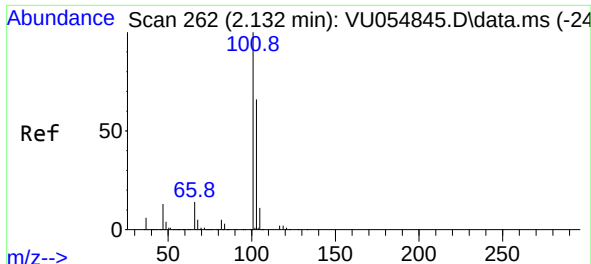
Tgt Ion: 94 Resp: 5844
Ion Ratio Lower Upper
94 100
96 78.9 74.6 111.8



#6
Chloroethane
Concen: 0.966 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 64 Resp: 7239
Ion Ratio Lower Upper
64 100
66 37.9 26.2 39.4

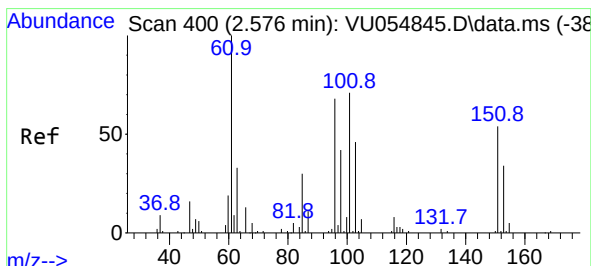
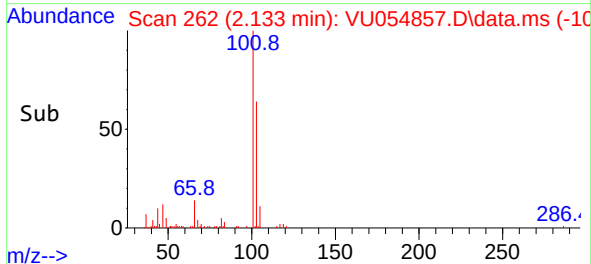
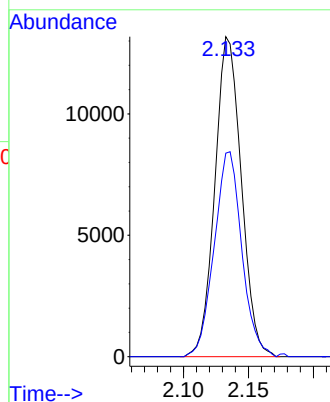
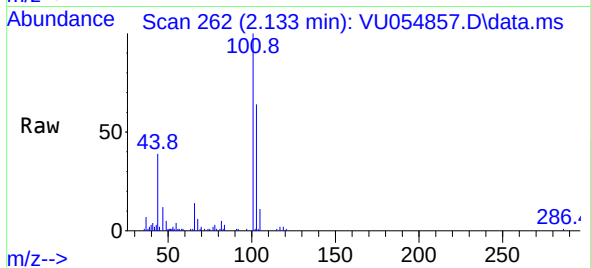




#7
Trichlorofluoromethane
Concen: 0.970 ug/l
RT: 2.133 min Scan# 201
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

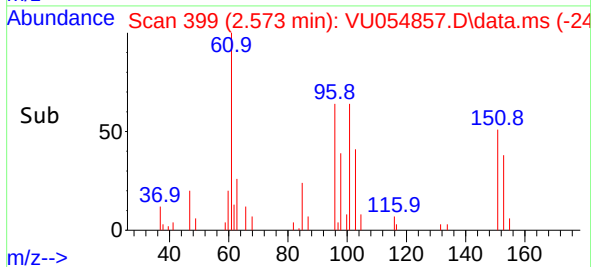
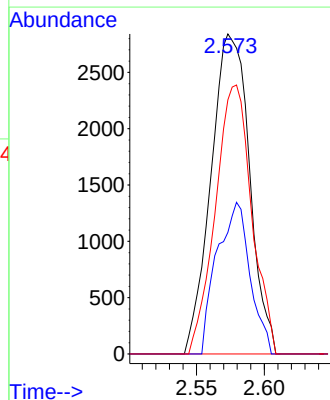
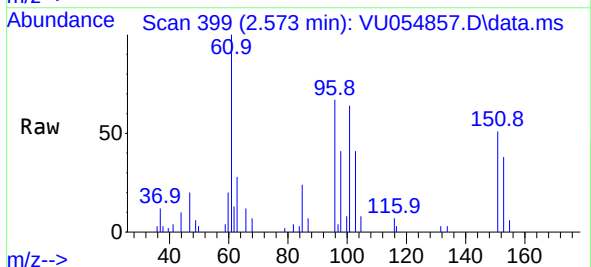
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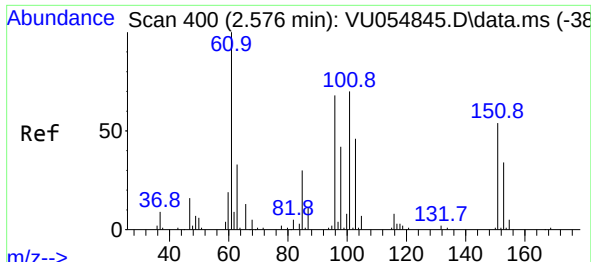
Tgt Ion:101 Resp: 18639
Ion Ratio Lower Upper
101 100
103 63.6 52.9 79.3



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.019 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:101 Resp: 5611
Ion Ratio Lower Upper
101 100
85 40.6 34.8 52.2
151 79.3 60.5 90.7

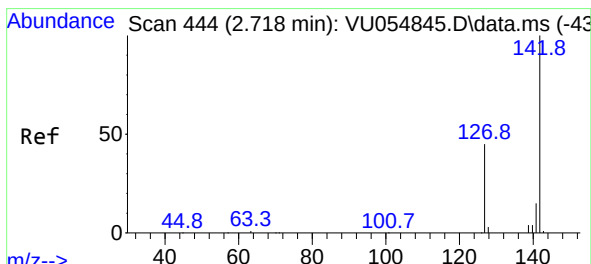
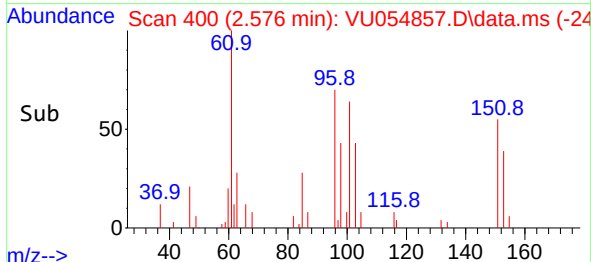
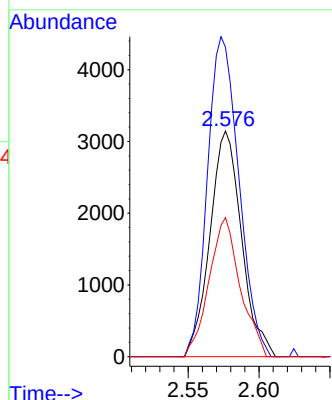
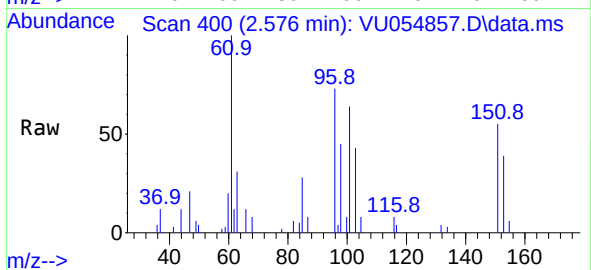




#9
1,1-Dichloroethene
Concen: 1.060 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

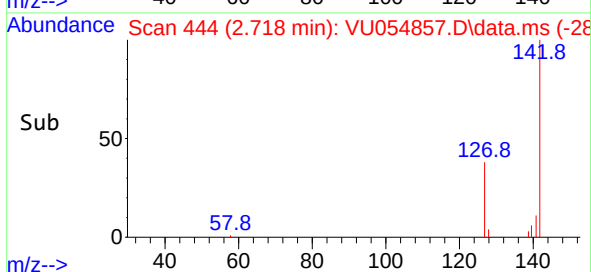
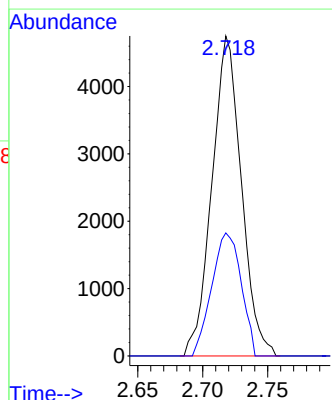
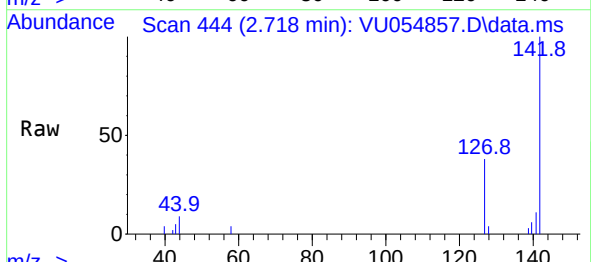
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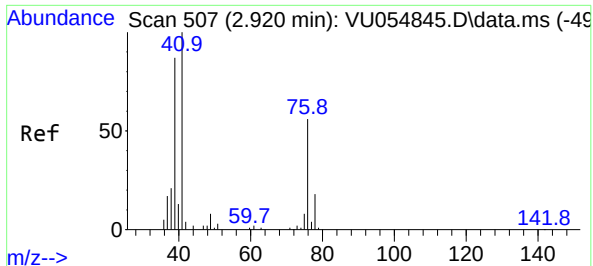
Tgt Ion: 96 Resp: 4873
Ion Ratio Lower Upper
96 100
61 137.1 0.0 440.1
98 61.6 0.0 121.8



#10
Iodomethane
Concen: 1.008 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 142 Resp: 7467
Ion Ratio Lower Upper
142 100
127 38.4 34.3 51.5





#11

Allyl Chloride

Concen: 1.079 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

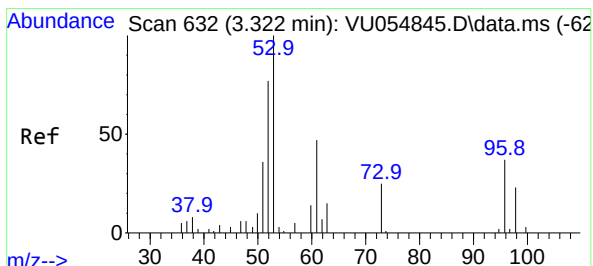
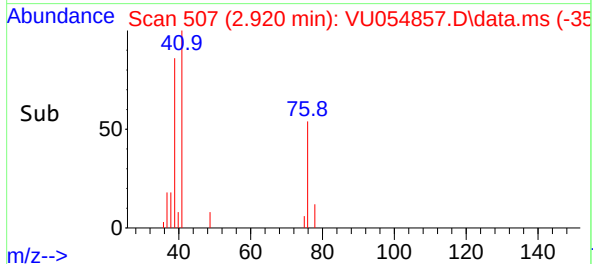
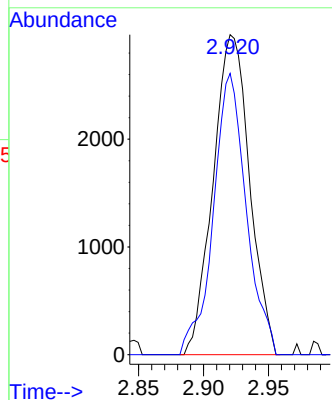
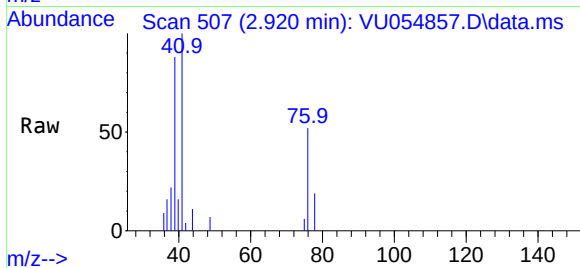
LOQ-WATER-02-QT3-2023

Tgt Ion: 41 Resp: 5817

Ion Ratio Lower Upper

41 100

39 78.9 70.2 105.2



#12

Acrylonitrile

Concen: 1.747 ug/l

RT: 3.345 min Scan# 639

Delta R.T. 0.023 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

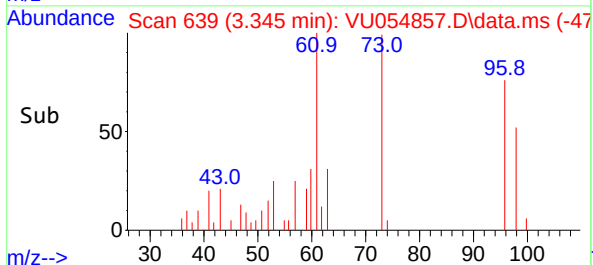
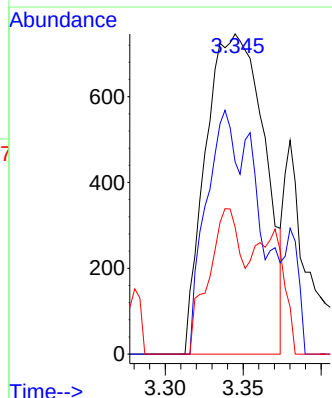
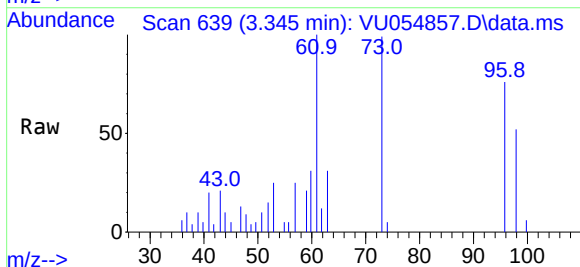
Tgt Ion: 53 Resp: 1954

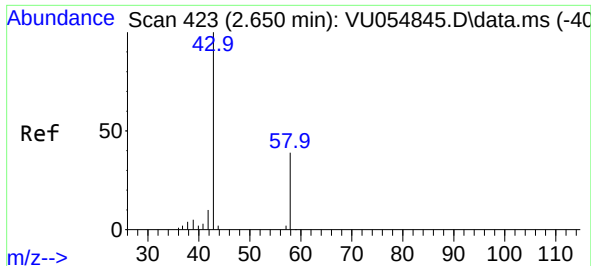
Ion Ratio Lower Upper

53 100

52 41.1 64.2 96.4#

51 25.1 33.6 50.4#

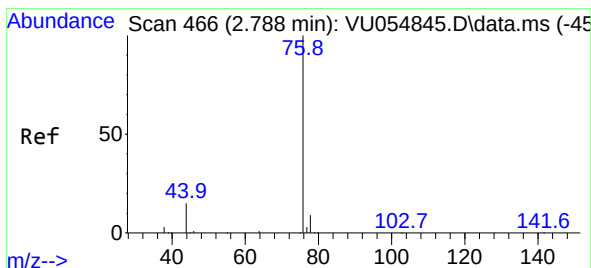
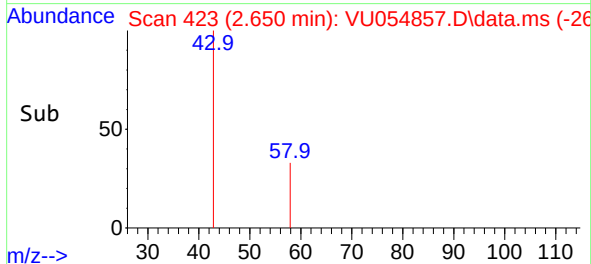
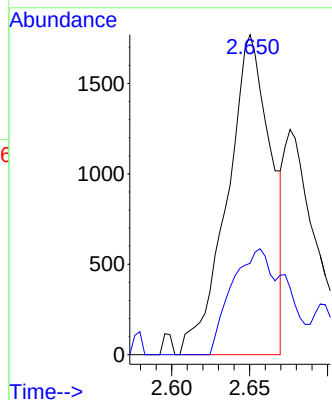
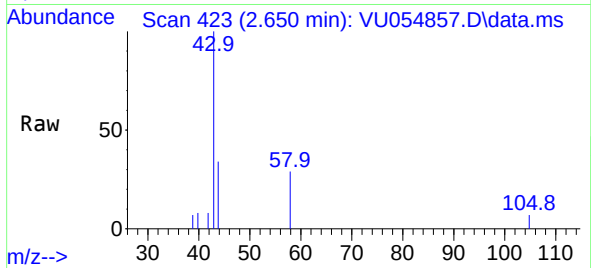




#13
Acetone
Concen: 3.584 ug/l
RT: 2.650 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

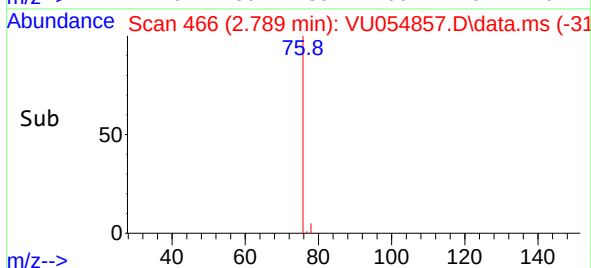
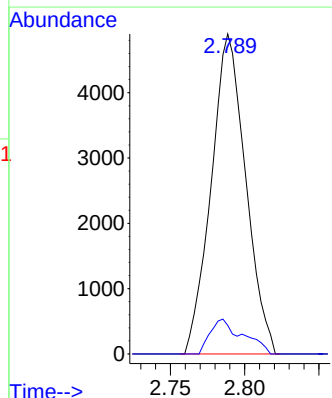
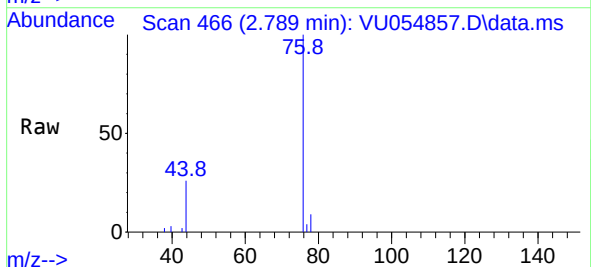
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

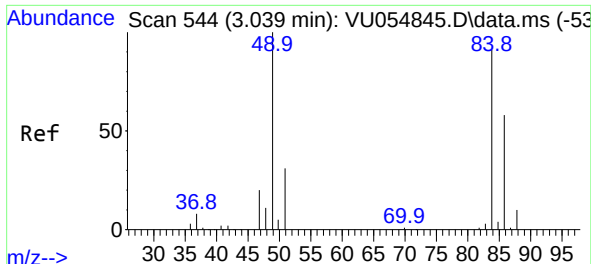
Tgt Ion: 43 Resp: 3436
Ion Ratio Lower Upper
43 100
58 28.5 30.7 46.1#



#14
Carbon Disulfide
Concen: 1.020 ug/l
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 76 Resp: 7901
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



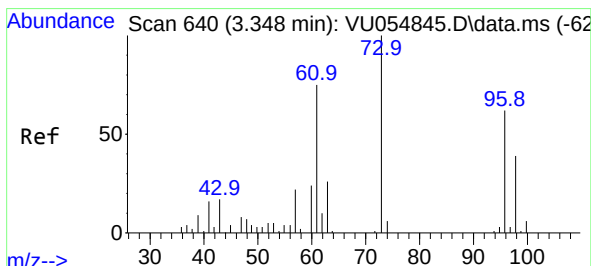
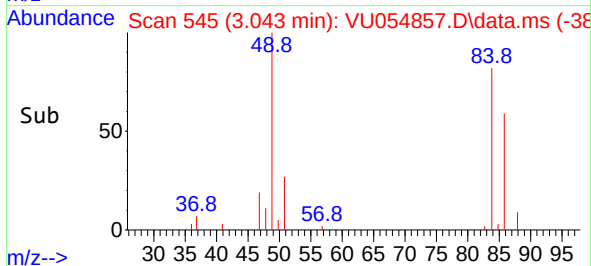
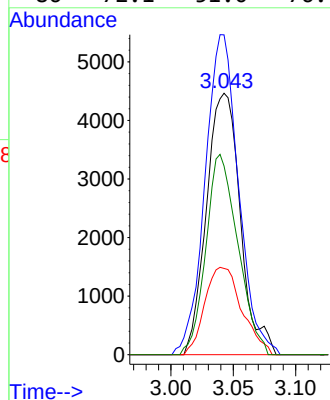
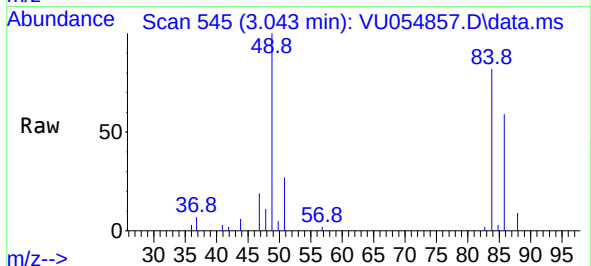


#15
Methylene Chloride
Concen: 0.700 ug/l
RT: 3.043 min Scan# 54
Delta R.T. 0.004 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

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

Tgt Ion: 84 Resp: 8434

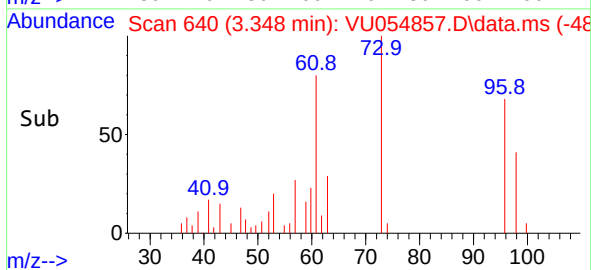
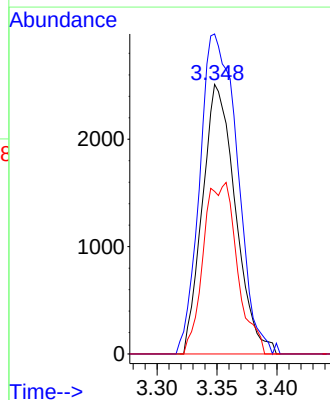
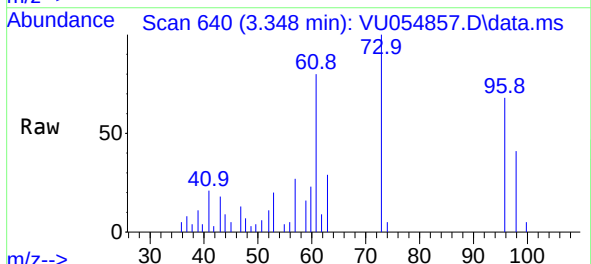
Ion	Ratio	Lower	Upper
84	100		
49	122.3	87.8	131.6
51	33.0	0.0	68.2
86	72.1	51.0	76.4

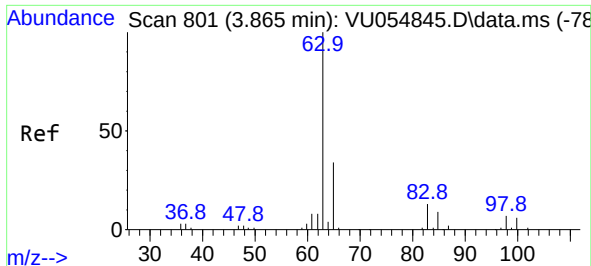


#16
trans-1,2-Dichloroethene
Concen: 0.941 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 96 Resp: 4808

Ion	Ratio	Lower	Upper
96	100		
61	118.7	96.4	144.6
98	60.3	49.3	73.9

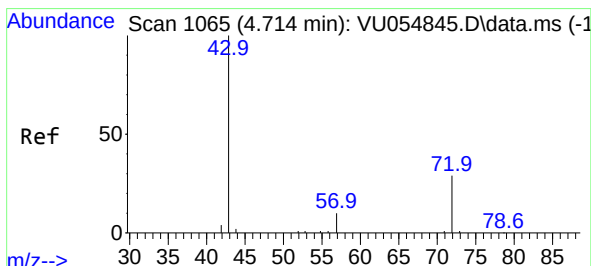
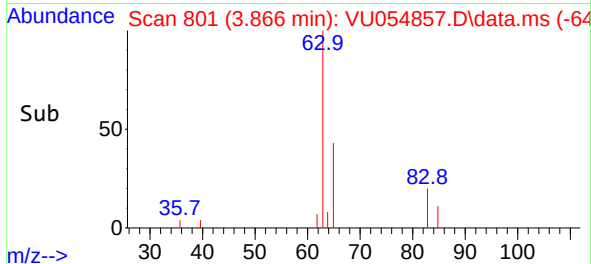
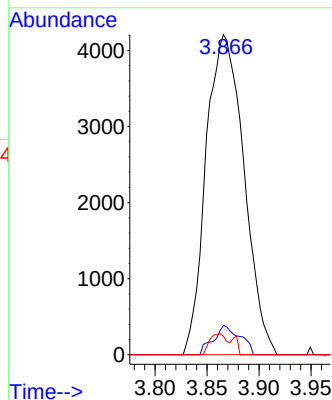
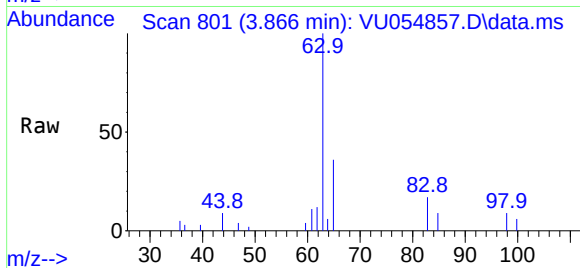




#17
1,1-Dichloroethane
Concen: 0.987 ug/l
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

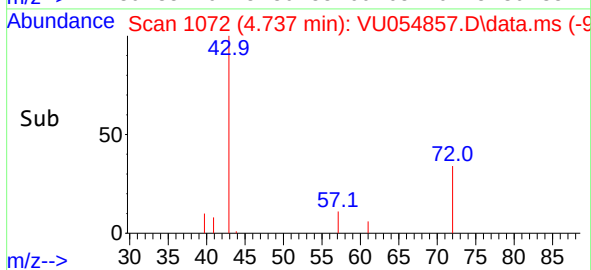
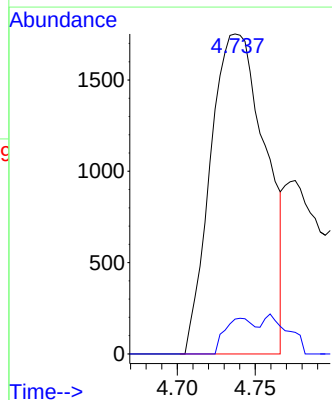
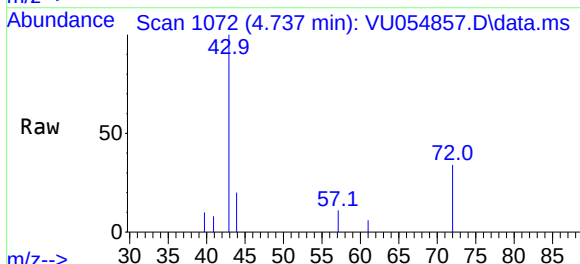
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

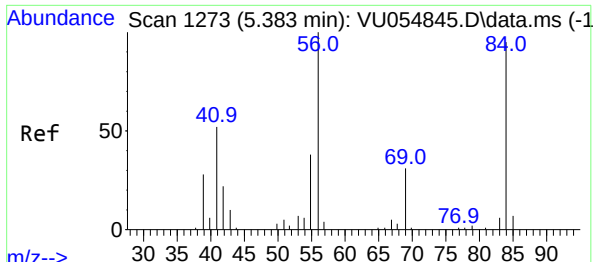
Tgt Ion: 63 Resp: 10667
Ion Ratio Lower Upper
63 100
98 9.1 3.6 10.8
100 5.8 2.8 8.4



#18
2-Butanone
Concen: 3.069 ug/l
RT: 4.737 min Scan# 1072
Delta R.T. 0.023 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 43 Resp: 4304
Ion Ratio Lower Upper
43 100
57 10.9 0.0 20.8





#19

Cyclohexane

Concen: 1.110 ug/l

RT: 5.380 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

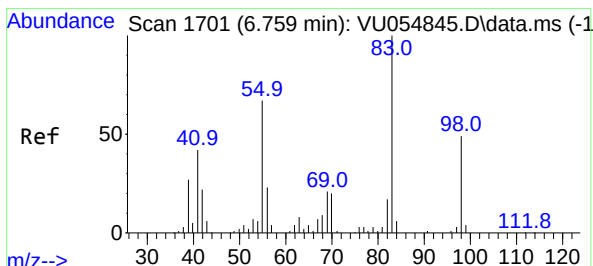
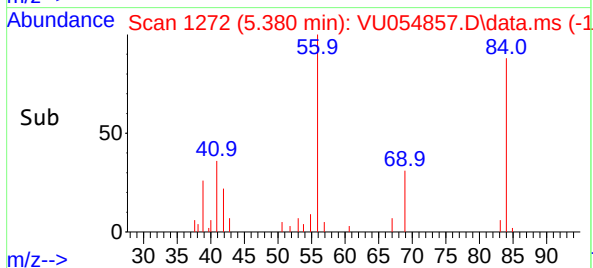
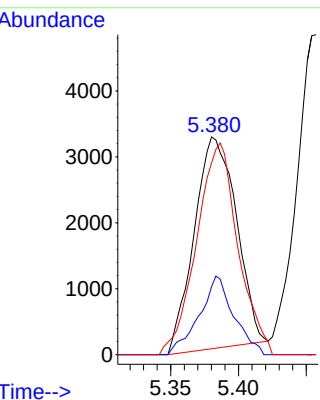
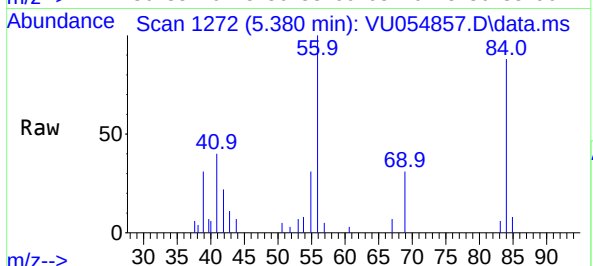
Tgt Ion: 56 Resp: 6945

Ion Ratio Lower Upper

56 100

69 30.4 24.7 37.1

84 97.8 76.5 114.7



#20

Methylcyclohexane

Concen: 0.985 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

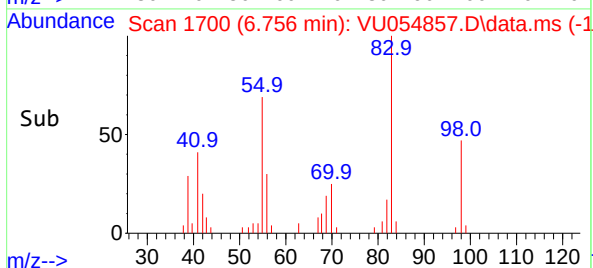
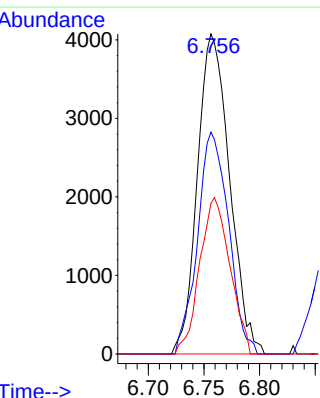
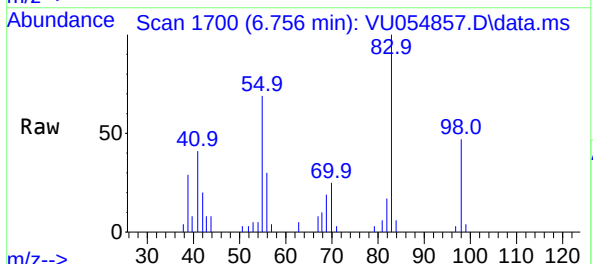
Tgt Ion: 83 Resp: 8184

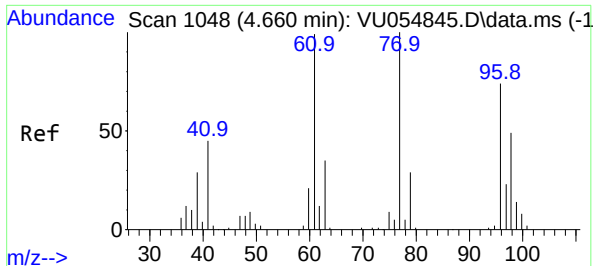
Ion Ratio Lower Upper

83 100

55 67.0 51.6 77.4

98 46.0 38.2 57.2





#21

2,2-Dichloropropane

Concen: 1.049 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

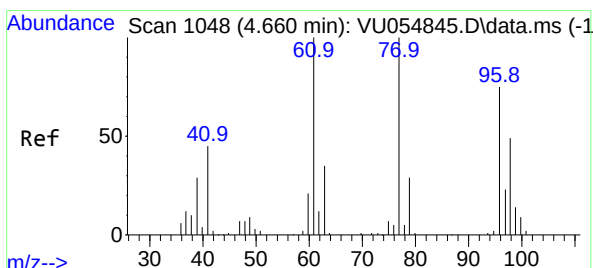
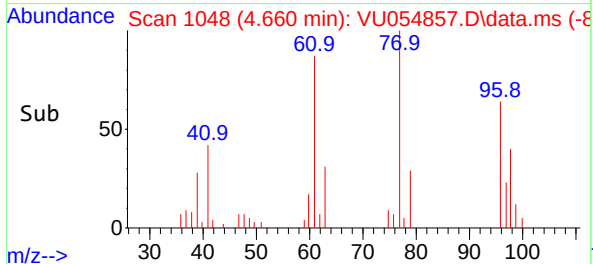
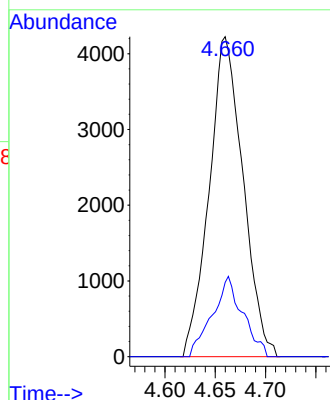
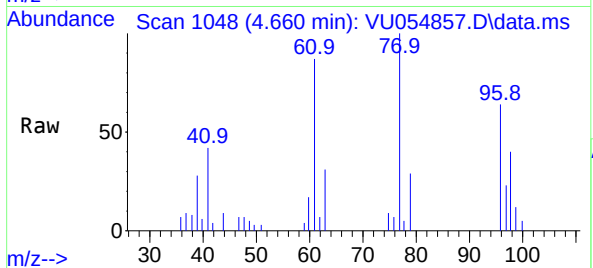
LOQ-WATER-02-QT3-2023

Tgt Ion: 77 Resp: 9890

Ion Ratio Lower Upper

77 100

97 22.5 18.0 27.0



#22

cis-1,2-Dichloroethene

Concen: 1.027 ug/l

RT: 4.666 min Scan# 1050

Delta R.T. 0.007 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

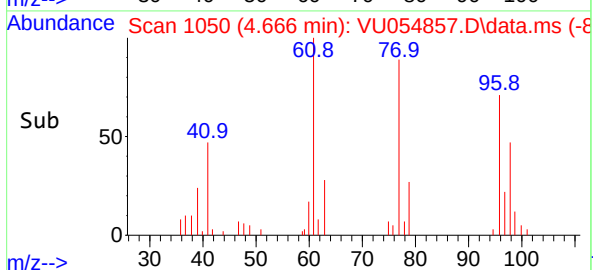
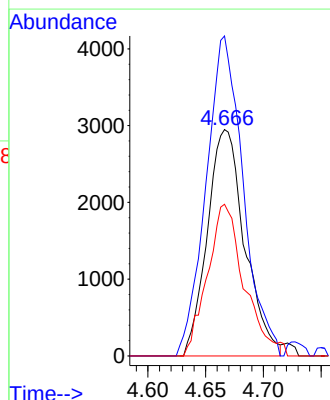
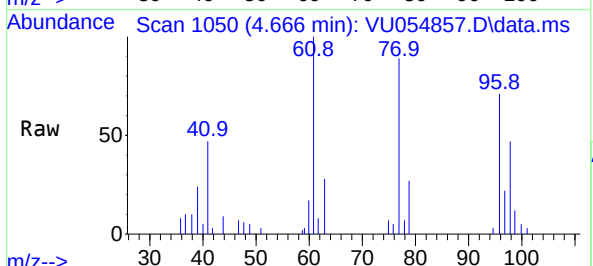
Tgt Ion: 96 Resp: 6640

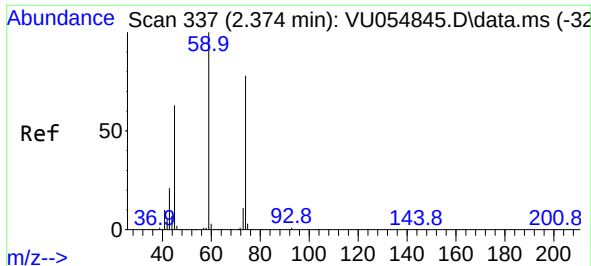
Ion Ratio Lower Upper

96 100

61 139.9 0.0 332.0

98 66.0 32.5 97.5

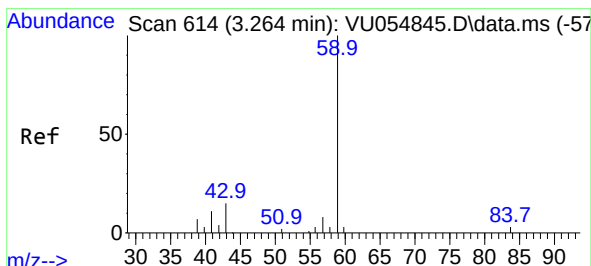
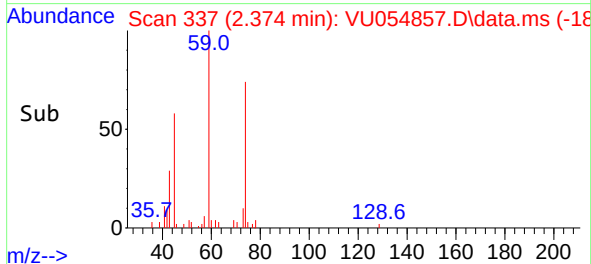
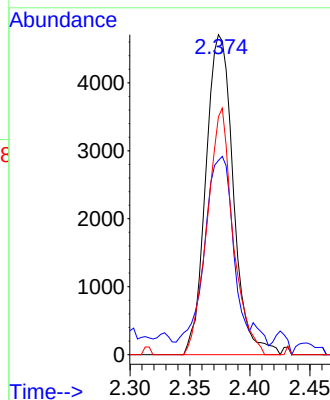
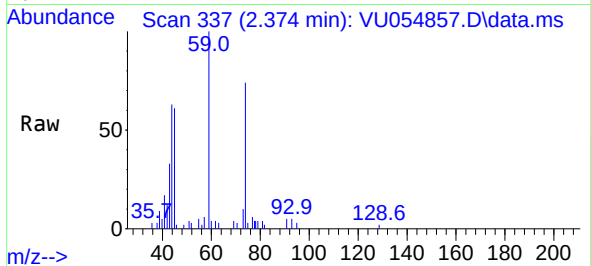




#23
Diethyl Ether
Concen: 1.061 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

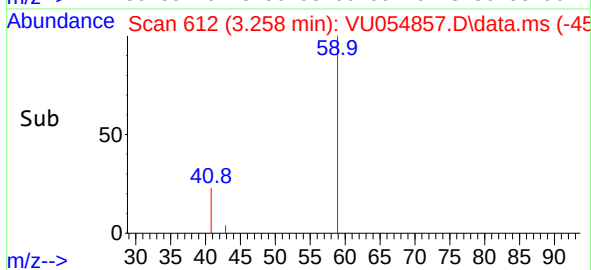
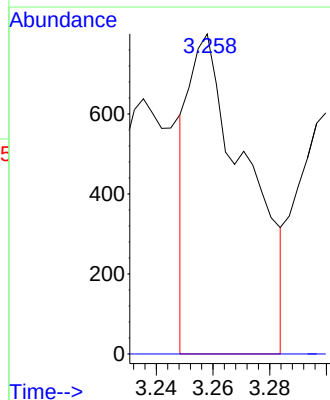
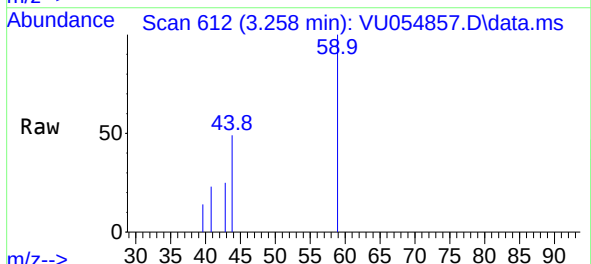
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

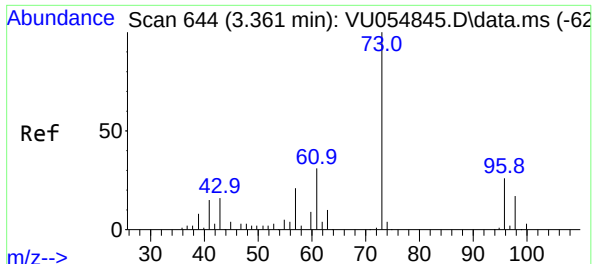
Tgt Ion: 59 Resp: 7496
Ion Ratio Lower Upper
59 100
45 58.4 51.4 77.0
74 72.6 63.1 94.7



#24
tert-Butyl Alcohol
Concen: 1.879 ug/l
RT: 3.258 min Scan# 612
Delta R.T. -0.006 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 59 Resp: 1143
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#

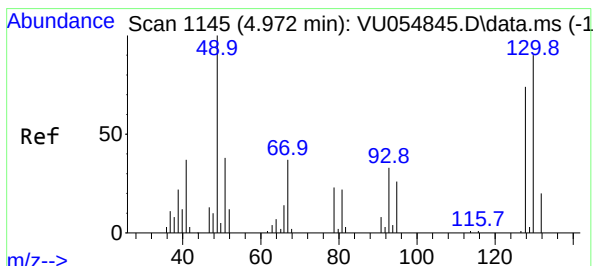
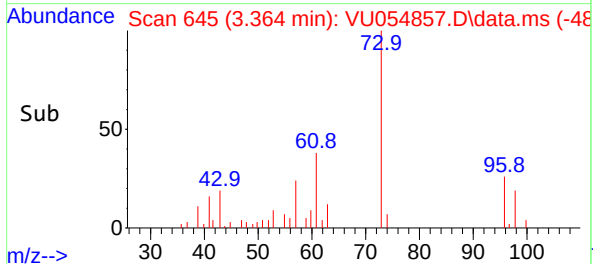
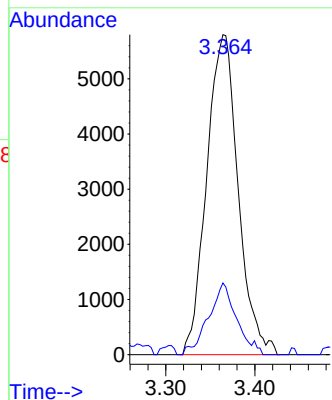
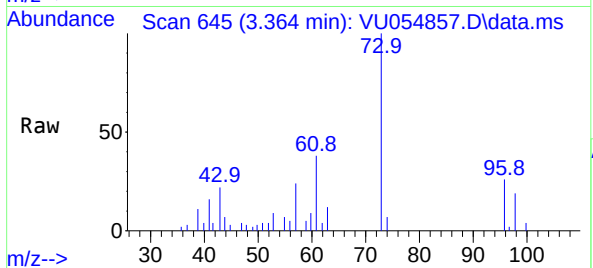




#25
Methyl tert-Butyl Ether
Concen: 1.017 ug/l
RT: 3.364 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

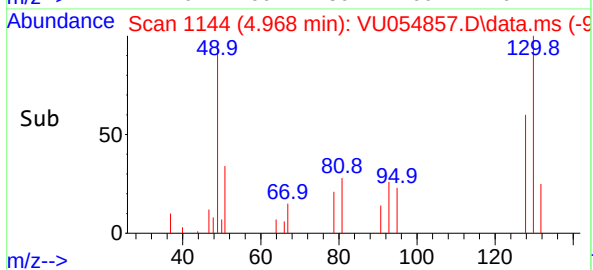
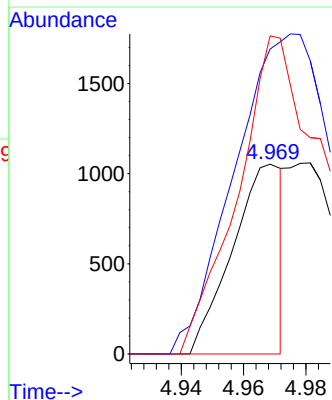
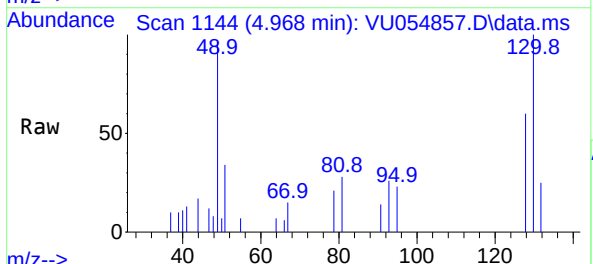
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

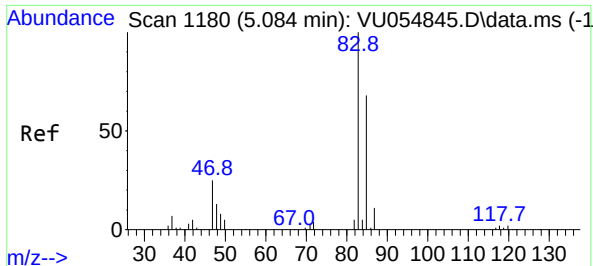
Tgt Ion: 73 Resp: 14265
Ion Ratio Lower Upper
73 100
43 19.9 14.6 22.0



#26
Bromochloromethane
Concen: 0.473 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 128 Resp: 1167
Ion Ratio Lower Upper
128 100
49 347.1 0.0 304.0#
130 297.9 104.3 156.5#





#27

Chloroform

Concen: 1.025 ug/l

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

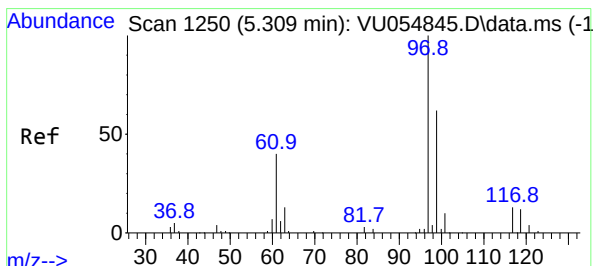
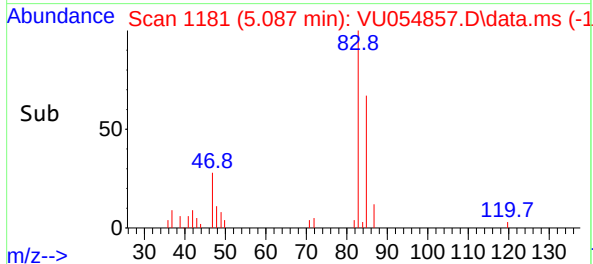
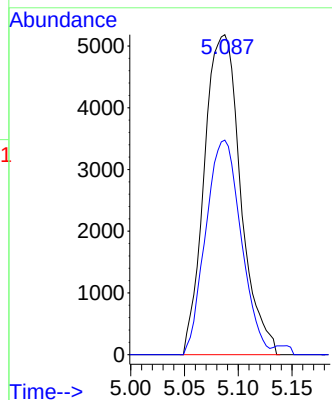
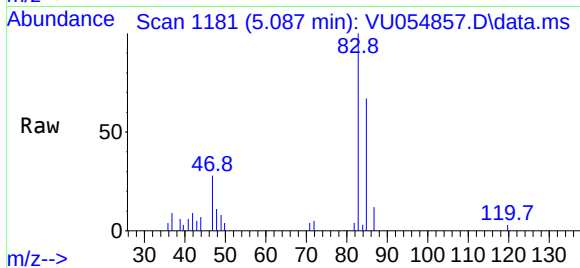
LOQ-WATER-02-QT3-2023

Tgt Ion: 83 Resp: 12174

Ion Ratio Lower Upper

83 100

85 67.0 0.0 135.2



#28

1,1,1-Trichloroethane

Concen: 1.045 ug/l

RT: 5.313 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

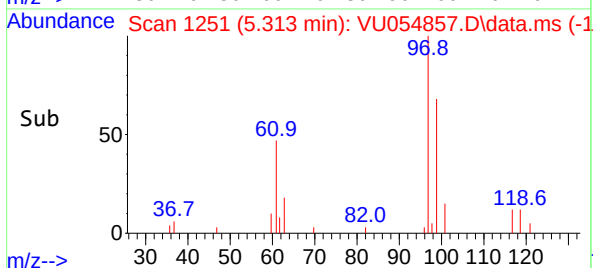
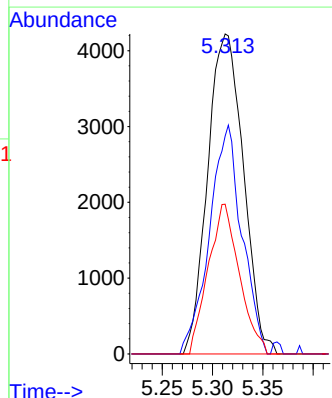
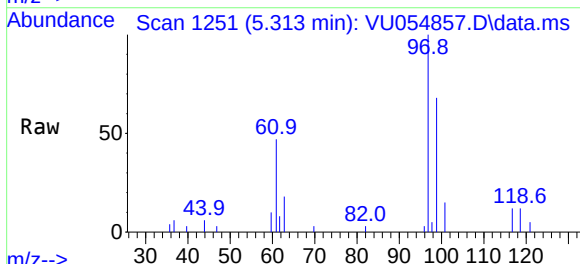
Tgt Ion: 97 Resp: 10434

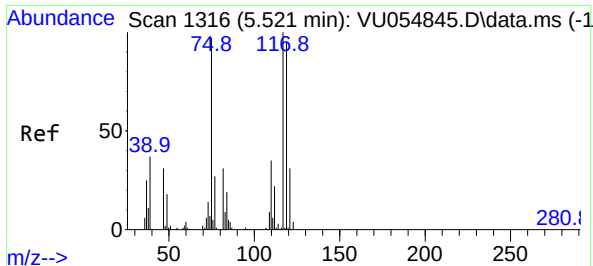
Ion Ratio Lower Upper

97 100

99 64.9 32.0 96.2

61 40.8 21.0 63.0

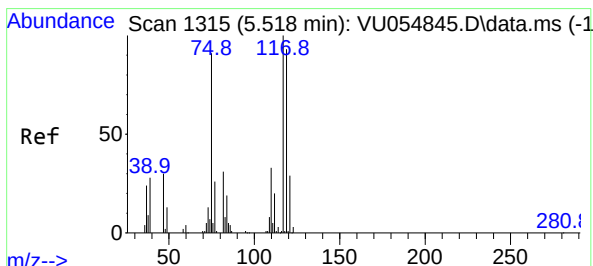
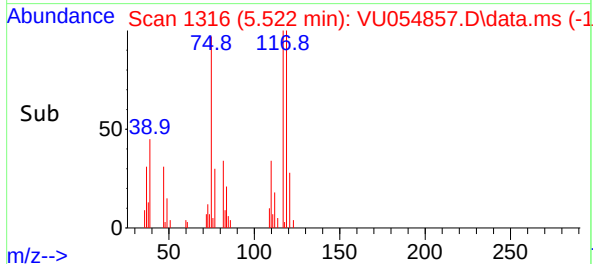
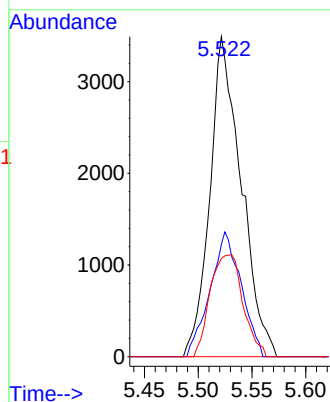
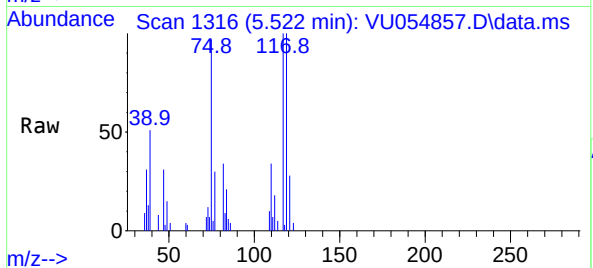




#29
1,1-Dichloropropene
Concen: 0.997 ug/l
RT: 5.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

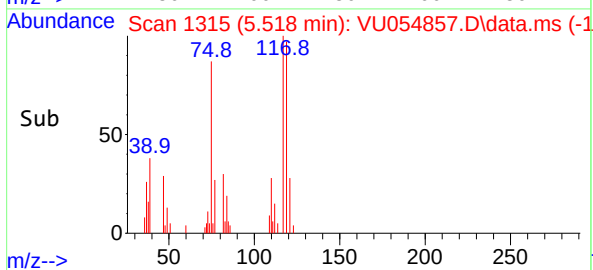
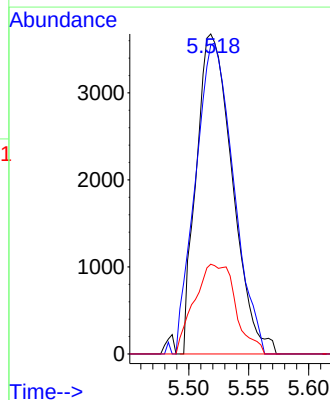
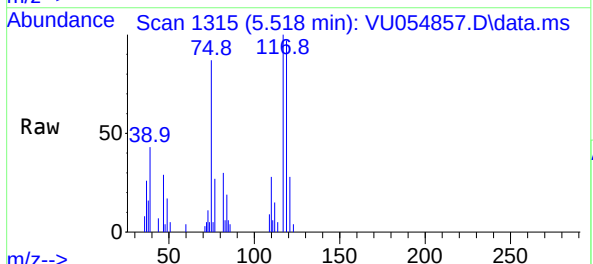
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

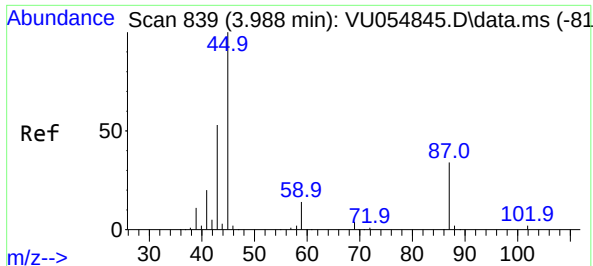
Tgt Ion:	75	Resp:	7077
Ion	Ratio	Lower	Upper
75	100		
110	38.6	18.5	55.5
77	33.3	24.9	37.3



#30
Carbon Tetrachloride
Concen: 0.923 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:	117	Resp:	7658
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.6	113.4
121	28.1	23.4	35.0

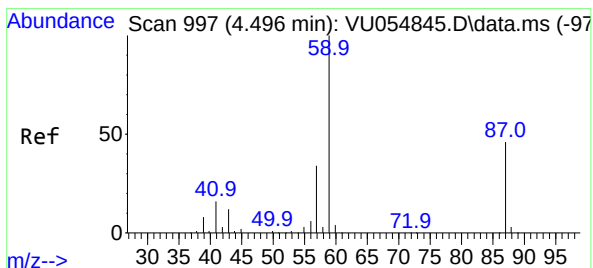
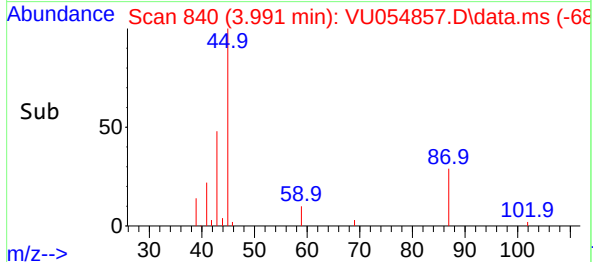
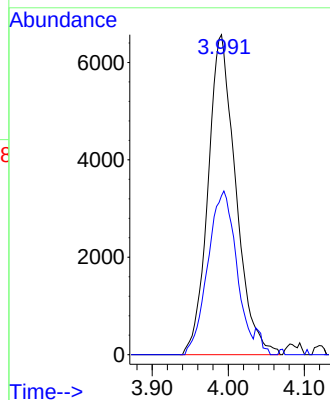
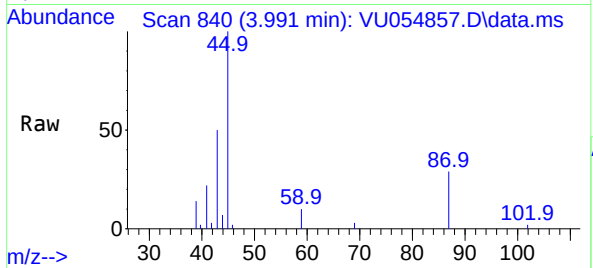




#31
Isopropyl Ether
Concen: 1.040 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

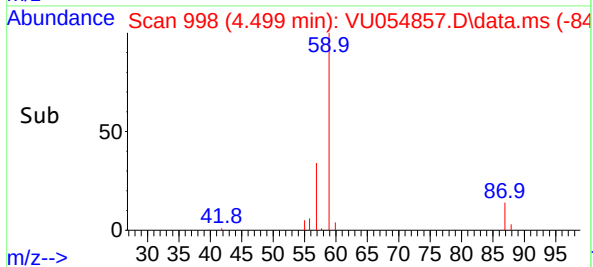
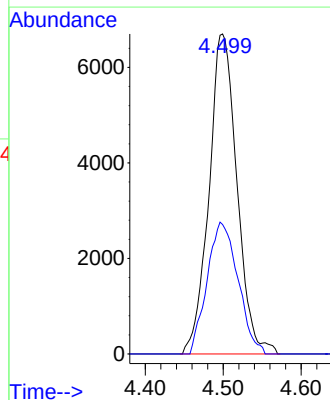
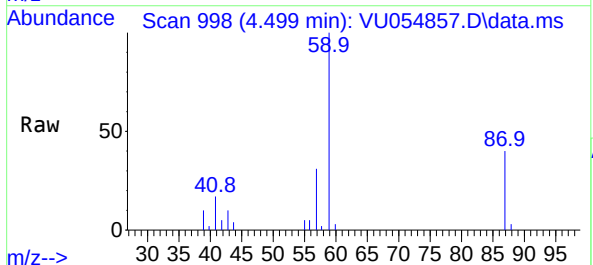
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

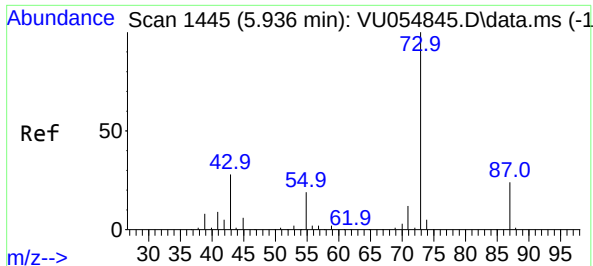
Tgt Ion: 45 Resp: 16635
Ion Ratio Lower Upper
45 100
43 52.7 26.4 79.2



#32
Ethyl-t-butyl ether
Concen: 1.018 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 59 Resp: 16725
Ion Ratio Lower Upper
59 100
87 45.3 35.7 53.5

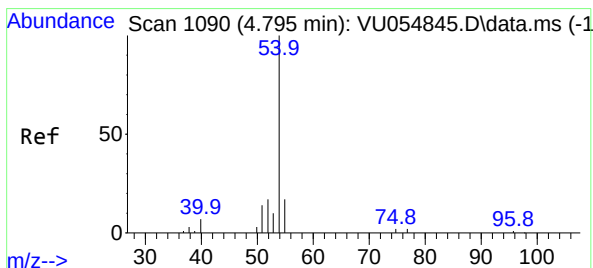
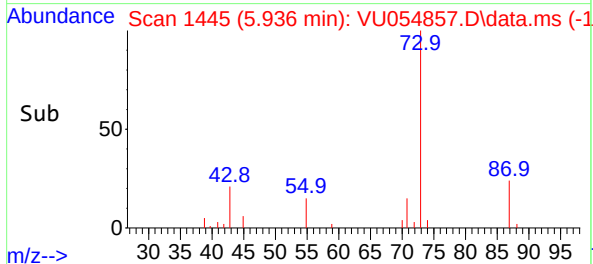
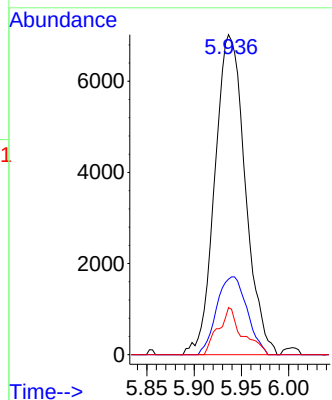
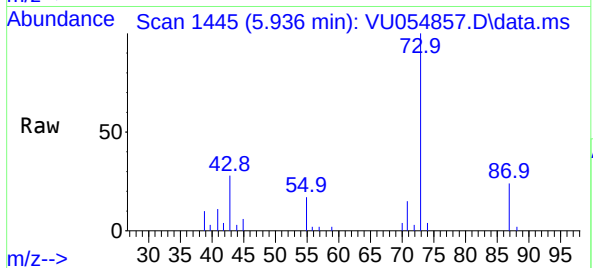




#33
Tert-Amyl methyl ether
Concen: 1.014 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

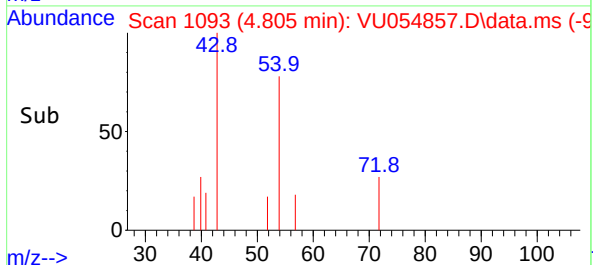
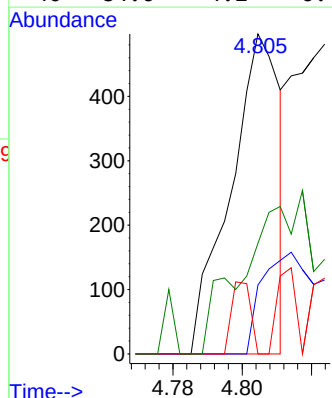
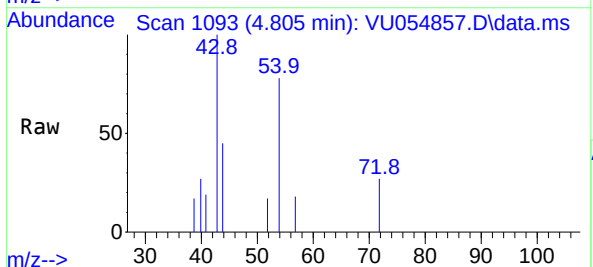
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023

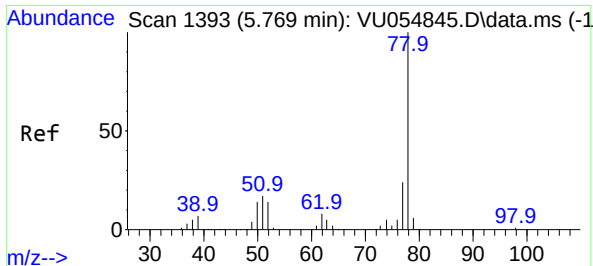
Tgt Ion:	73	Resp:	15682
Ion	Ratio	Lower	Upper
73	100		
87	24.4	19.6	29.4
71	11.7	9.1	13.7



#34
Propionitrile
Concen: 1.173 ug/l
RT: 4.805 min Scan# 1093
Delta R.T. 0.010 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:	54	Resp:	492
Ion	Ratio	Lower	Upper
54	100		
52	30.7	13.8	20.8#
55	0.0	4.8	7.2#
40	84.6	4.2	6.4#

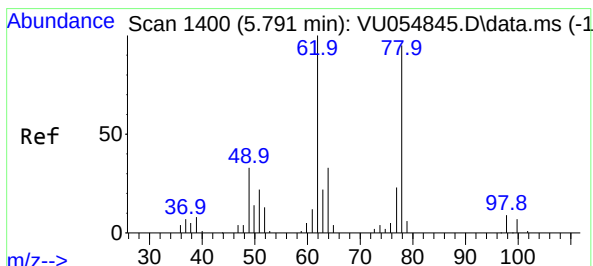
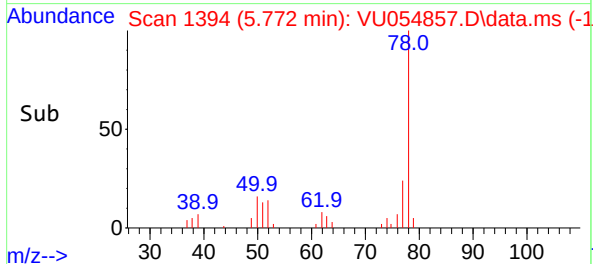
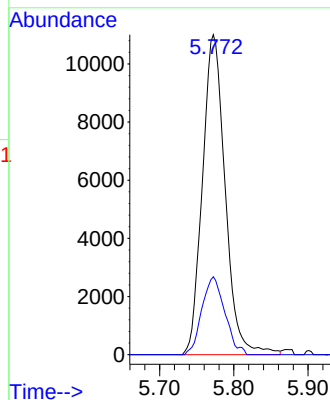
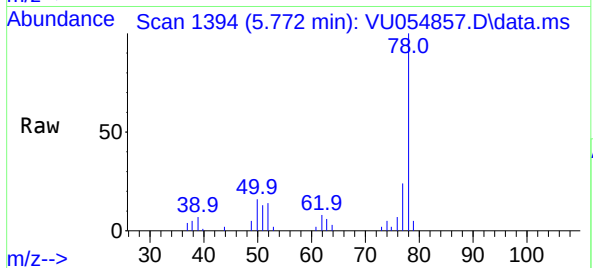




#35
Benzene
Concen: 1.015 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

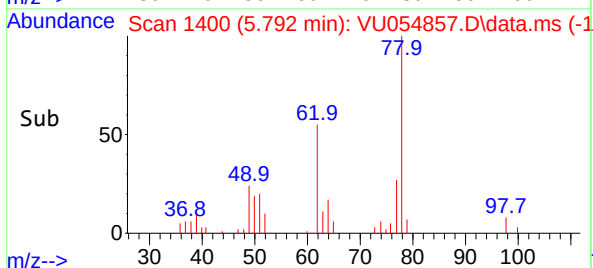
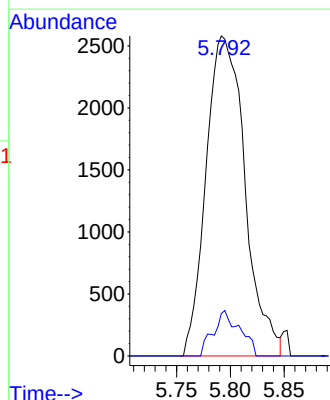
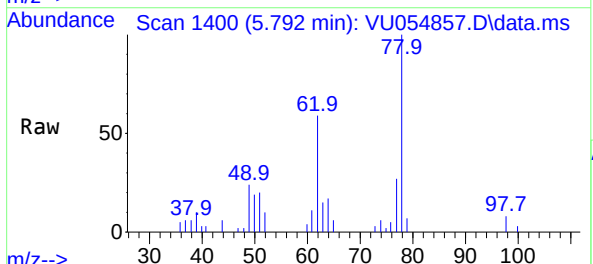
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

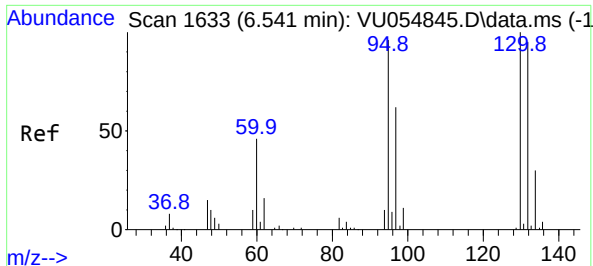
Tgt Ion: 78 Resp: 23428
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.978 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 62 Resp: 6485
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8

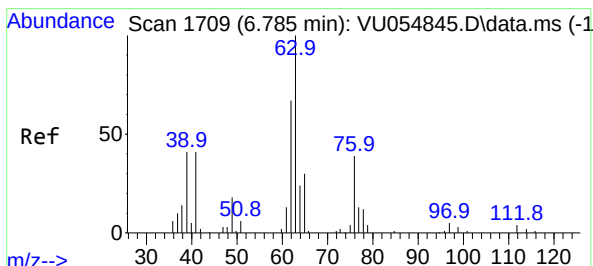
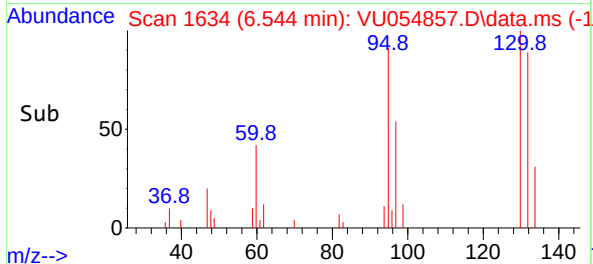
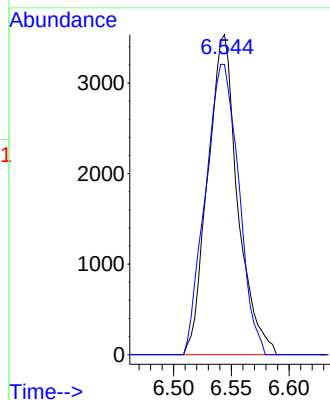
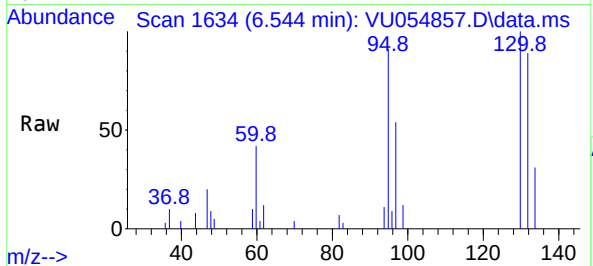




#37
Trichloroethene
Concen: 1.021 ug/l
RT: 6.544 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

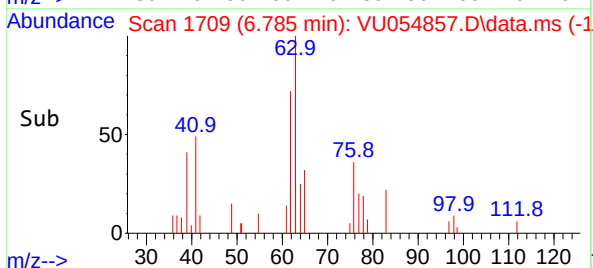
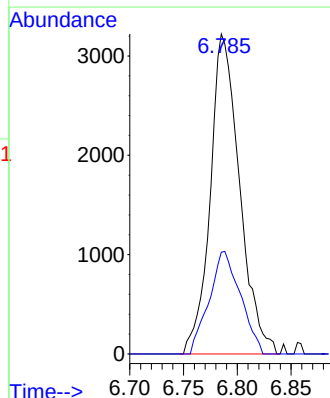
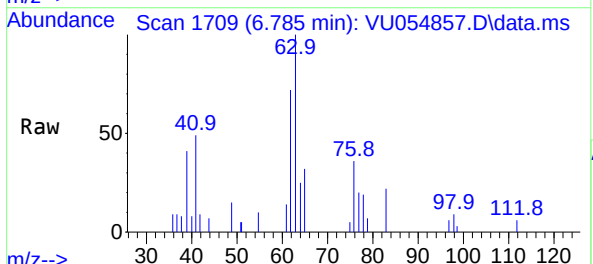
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

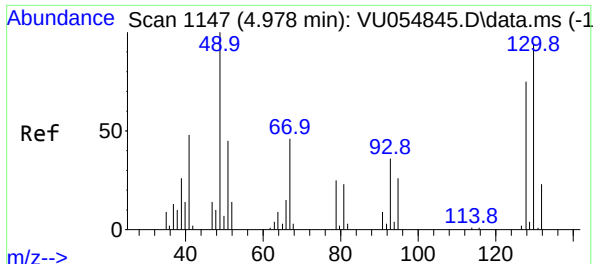
Tgt Ion:130 Resp: 6367
Ion Ratio Lower Upper
130 100
95 90.7 76.8 115.2



#38
1,2-Dichloropropane
Concen: 0.918 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 63 Resp: 6113
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5





#39

Methacrylonitrile

Concen: 0.329 ug/l

RT: 5.001 min Scan# 1113

Delta R.T. 0.023 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 41 Resp: 492

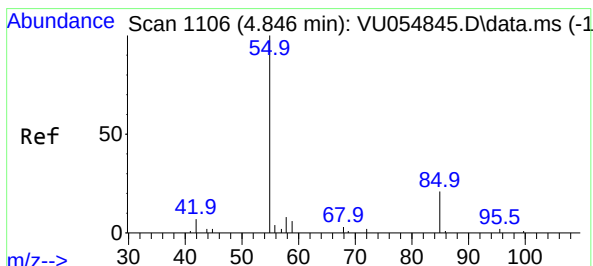
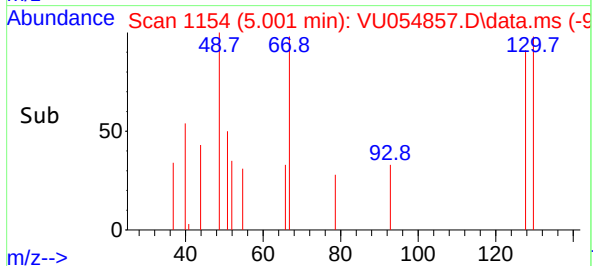
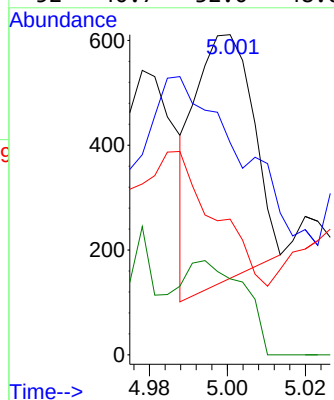
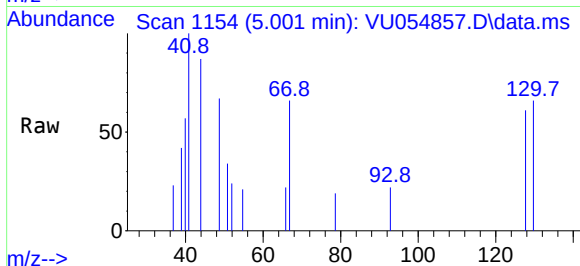
Ion Ratio Lower Upper

41 100

67 309.1 77.0 115.4#

39 157.9 50.4 75.6#

52 40.7 32.0 48.0



#40

Methyl acrylate

Concen: 0.783 ug/l

RT: 4.869 min Scan# 1113

Delta R.T. 0.023 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Tgt Ion: 55 Resp: 1996

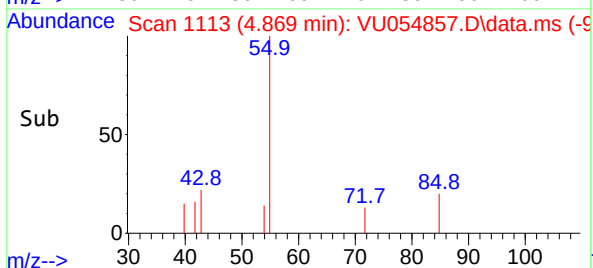
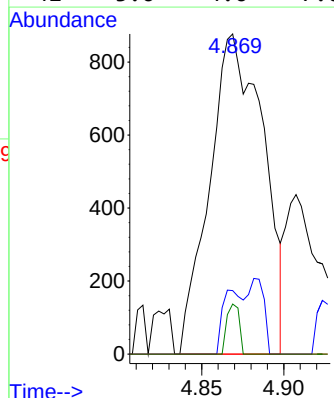
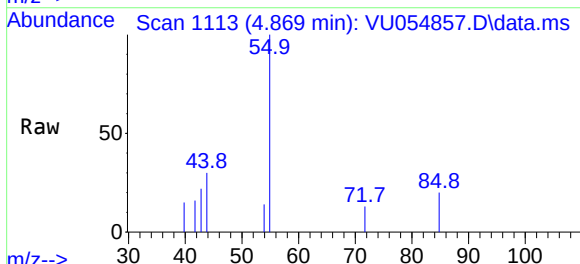
Ion Ratio Lower Upper

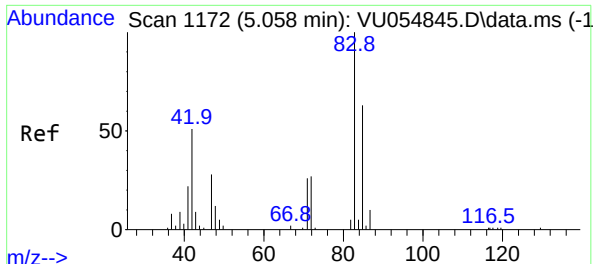
55 100

85 0.0 13.0 19.6#

58 0.0 5.7 8.5#

42 3.6 4.6 7.0#





#41

Tetrahydrofuran

Concen: 1.840 ug/l

RT: 5.068 min Scan# 1172

Delta R.T. 0.010 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

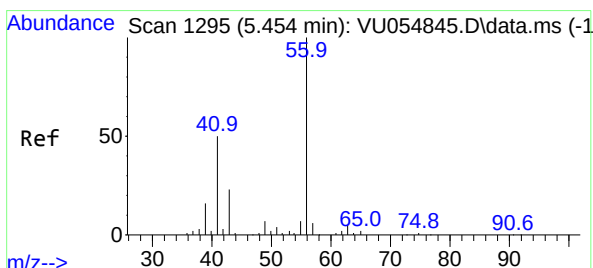
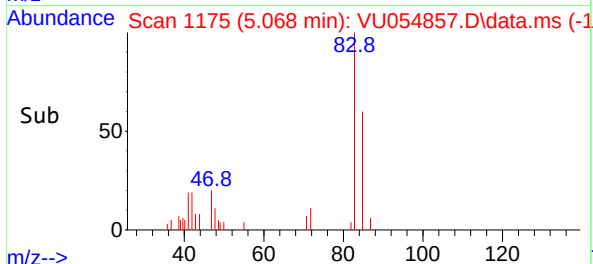
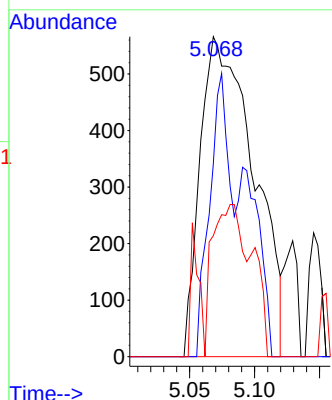
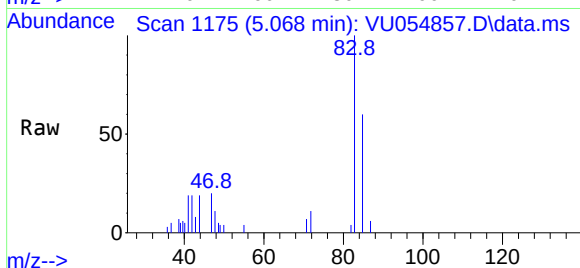
Tgt Ion: 42 Resp: 1624

Ion Ratio Lower Upper

42 100

72 33.8 42.1 63.1#

71 27.0 39.7 59.5#



#42

1-Chlorobutane

Concen: 1.068 ug/l

RT: 5.457 min Scan# 1296

Delta R.T. 0.003 min

Lab File: VU054857.D

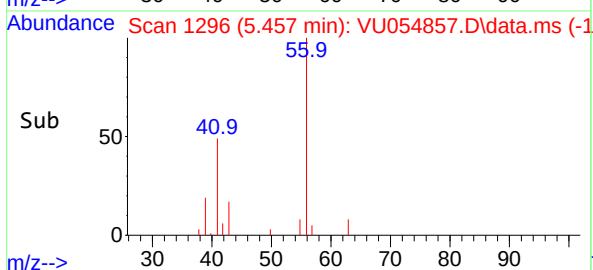
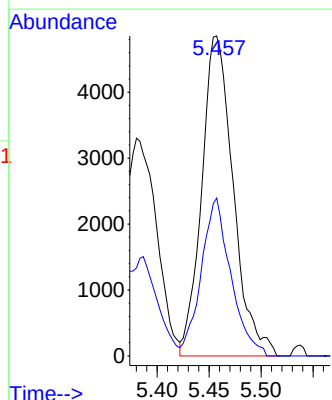
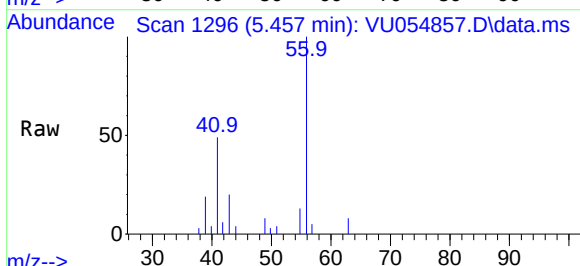
Acq: 24 Jul 2023 13:49

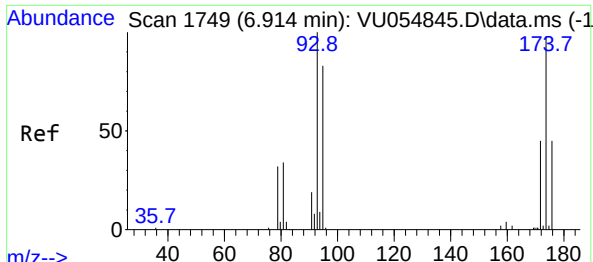
Tgt Ion: 56 Resp: 10255

Ion Ratio Lower Upper

56 100

41 46.2 23.9 71.7

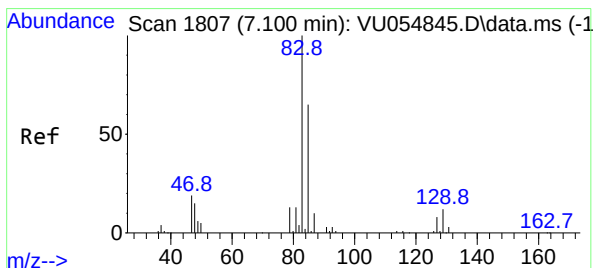
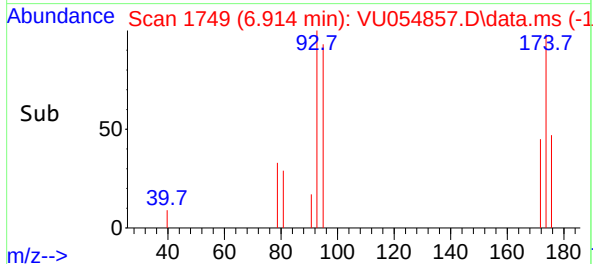
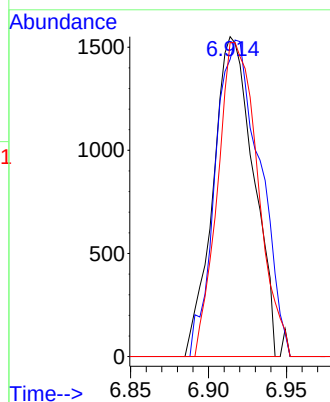
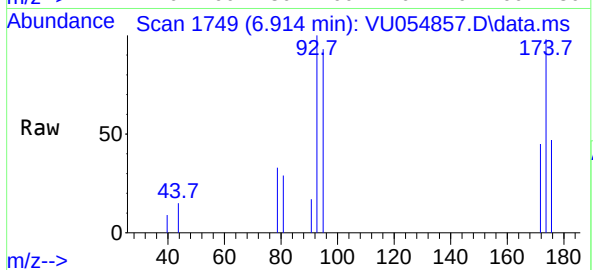




#43
Dibromomethane
Concen: 0.905 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

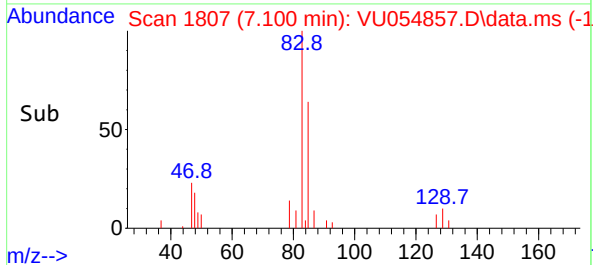
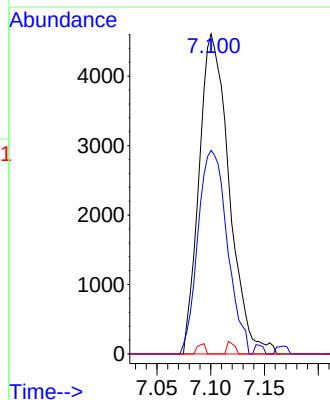
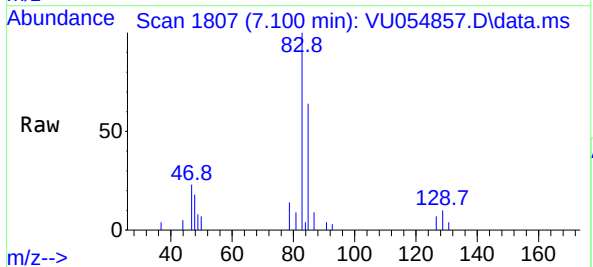
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

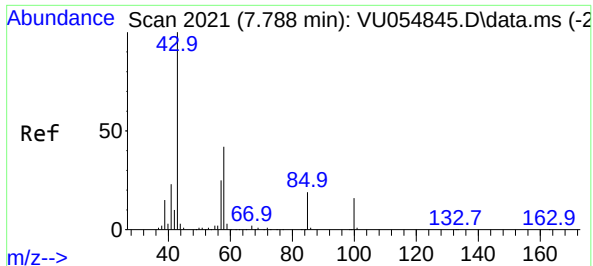
Tgt Ion: 93 Resp: 2803
Ion Ratio Lower Upper
93 100
95 109.3 64.7 97.1#
174 97.6 74.4 111.6



#44
Bromodichloromethane
Concen: 1.056 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 83 Resp: 8961
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.2
127 0.0 6.1 9.1#





#45

4-Methyl-2-Pentanone

Concen: 4.755 ug/l

RT: 7.792 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

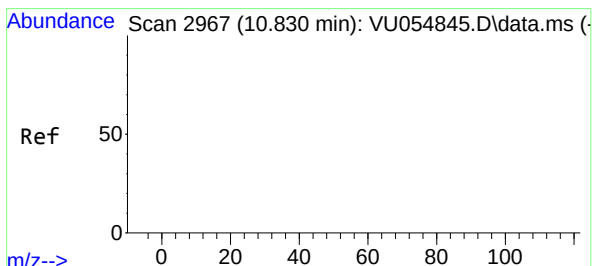
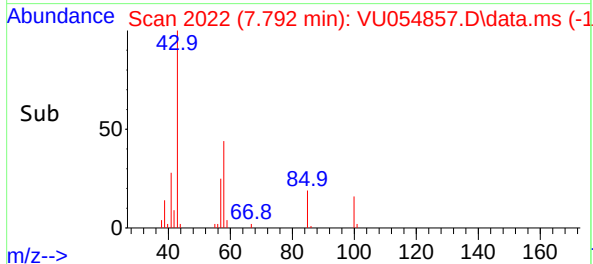
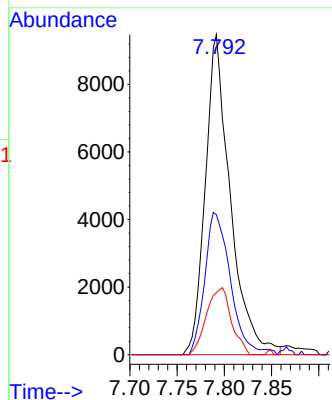
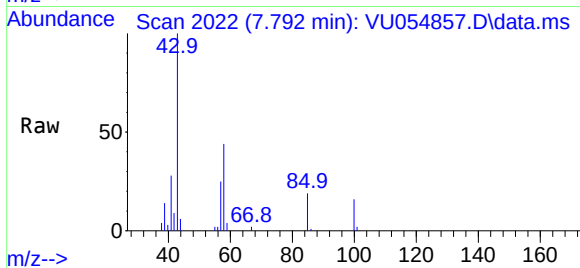
Tgt Ion: 43 Resp: 17434

Ion Ratio Lower Upper

43 100

58 44.9 21.3 63.7

85 20.8 15.3 22.9



#46

t-1,4-Dichloro-2-butene

Concen: 4.656 ug/l

RT: 10.824 min Scan# 2965

Delta R.T. -0.006 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Tgt Ion: 75 Resp: 7147

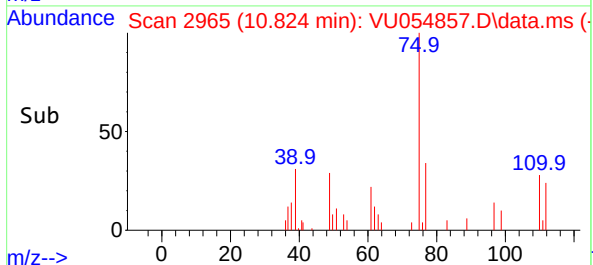
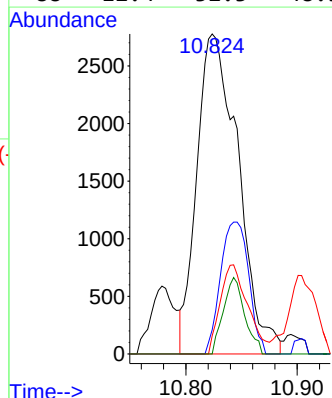
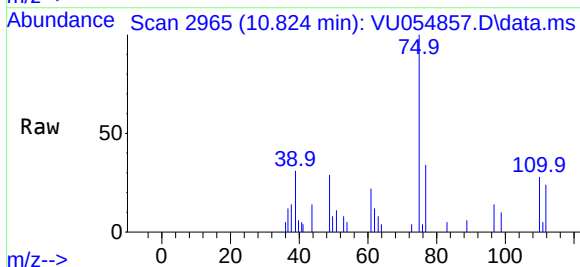
Ion Ratio Lower Upper

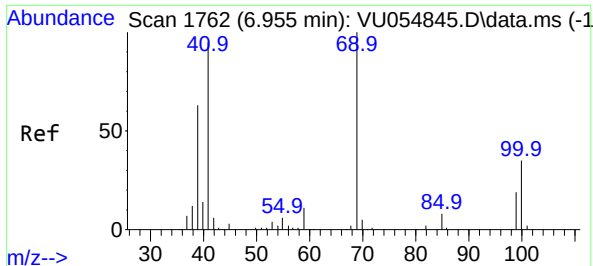
75 100

53 28.1 62.9 94.3#

89 18.8 47.8 71.8#

88 12.4 32.3 48.5#



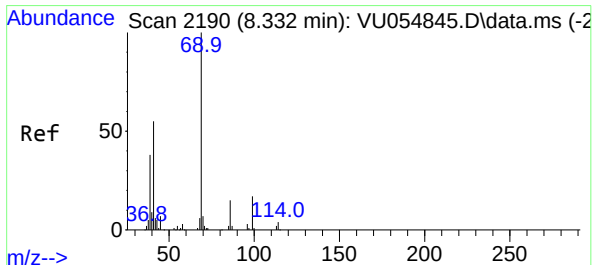
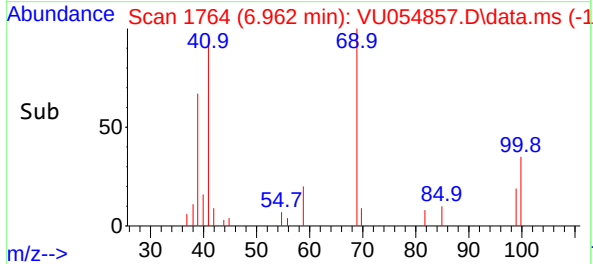
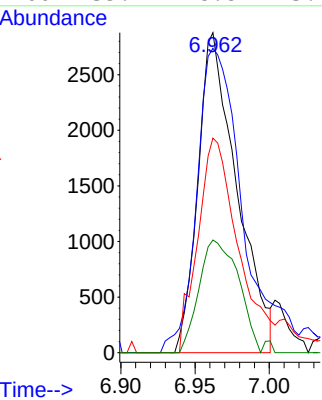
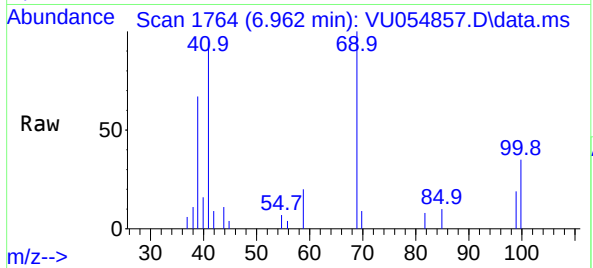


#47
Methyl methacrylate
Concen: 1.797 ug/l
RT: 6.962 min Scan# 1762
Delta R.T. 0.007 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

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

Tgt Ion: 69 Resp: 5229

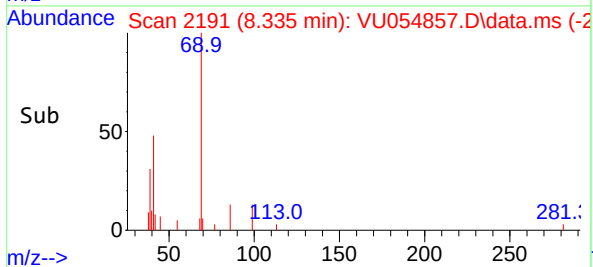
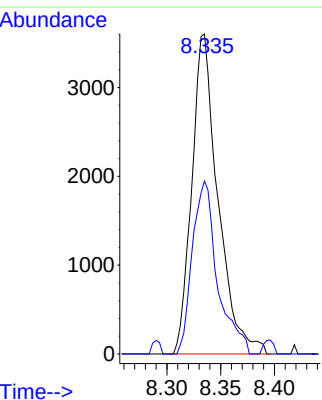
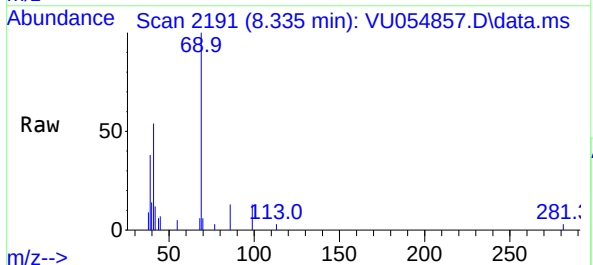
Ion	Ratio	Lower	Upper
69	100		
41	112.4	0.0	193.0
39	69.9	50.4	75.6
100	35.9	28.8	43.2

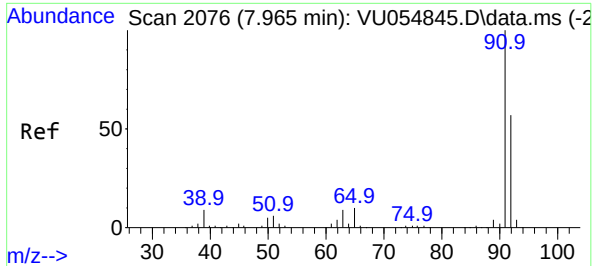


#48
Ethyl methacrylate
Concen: 1.030 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 69 Resp: 6091

Ion	Ratio	Lower	Upper
69	100		
41	51.7	28.8	86.5





#49

Toluene

Concen: 0.992 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

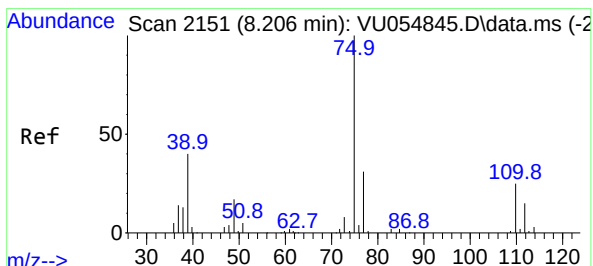
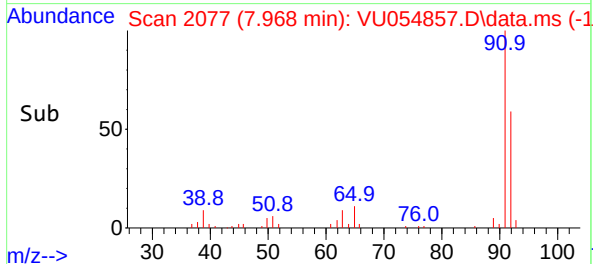
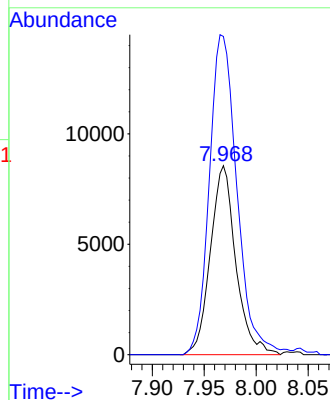
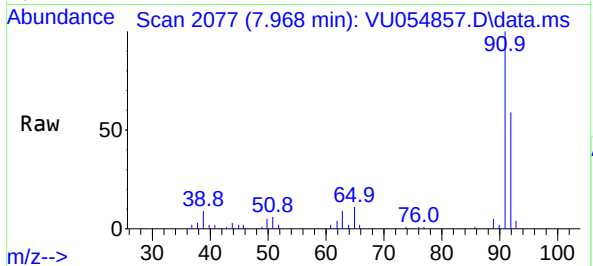
LOQ-WATER-02-QT3-2023

Tgt Ion: 92 Resp: 14603

Ion Ratio Lower Upper

92 100

91 183.8 142.9 214.3



#50

t-1,3-Dichloropropene

Concen: 0.993 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054857.D

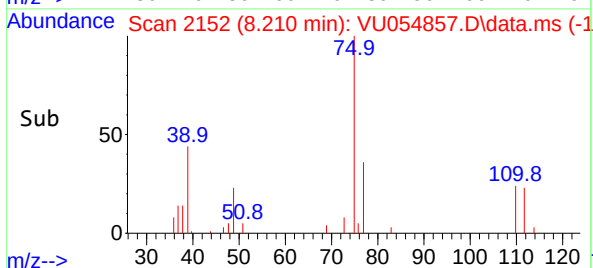
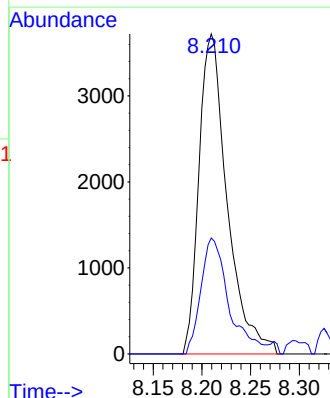
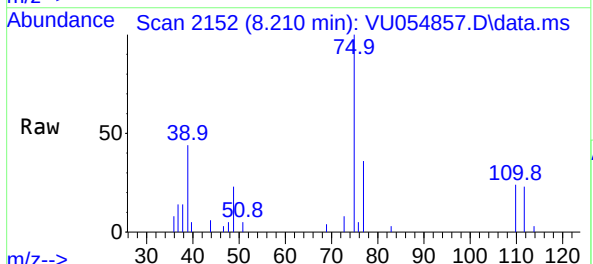
Acq: 24 Jul 2023 13:49

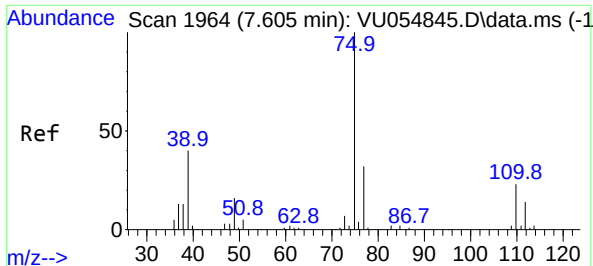
Tgt Ion: 75 Resp: 7471

Ion Ratio Lower Upper

75 100

77 36.2 24.9 37.3

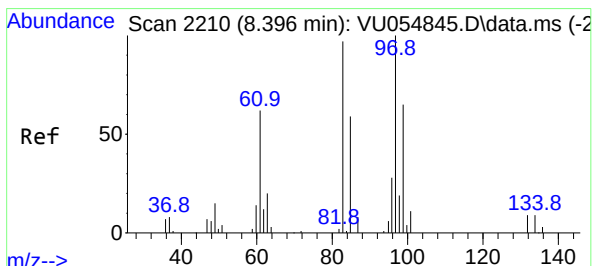
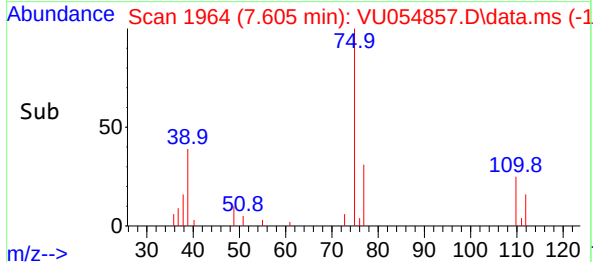
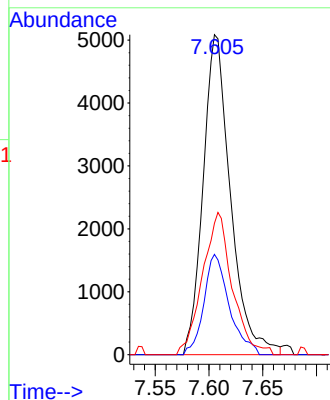
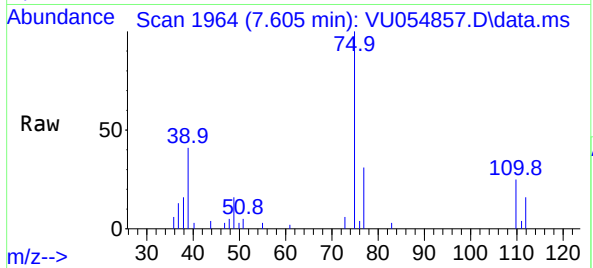




#51
cis-1,3-Dichloropropene
Concen: 0.987 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

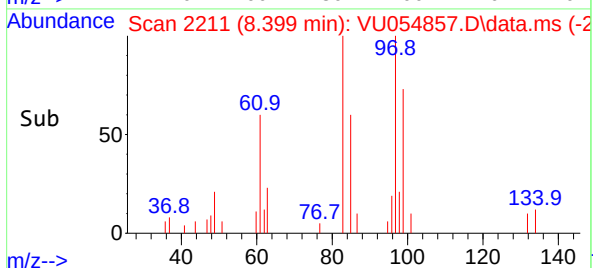
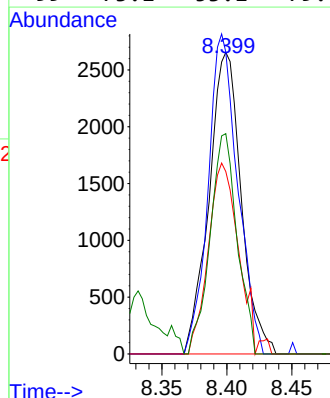
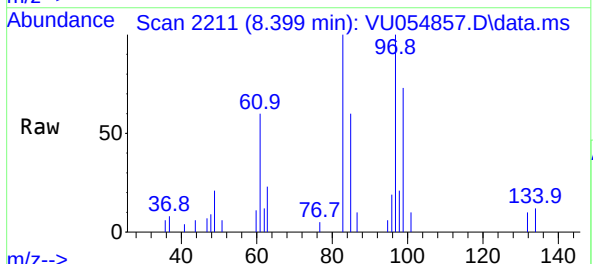
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023

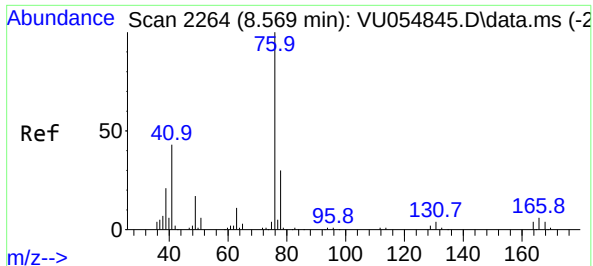
Tgt Ion:	75	Resp:	9033
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.8
39	39.0	31.7	47.5



#52
1,1,2-Trichloroethane
Concen: 0.978 ug/l
RT: 8.399 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:	97	Resp:	4574
Ion	Ratio	Lower	Upper
97	100		
83	100.1	77.4	116.2
85	60.5	47.8	71.8
99	73.1	53.1	79.7





#53

1,3-Dichloropropane

Concen: 0.983 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

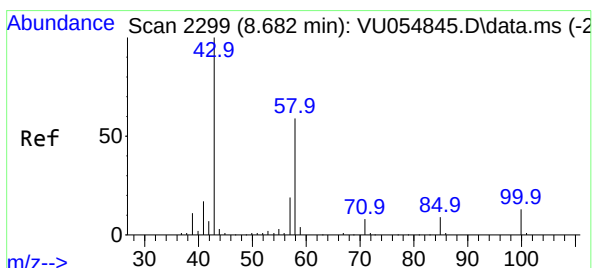
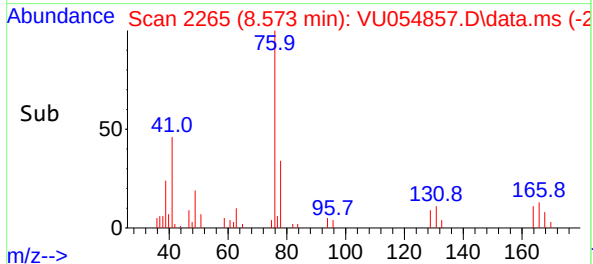
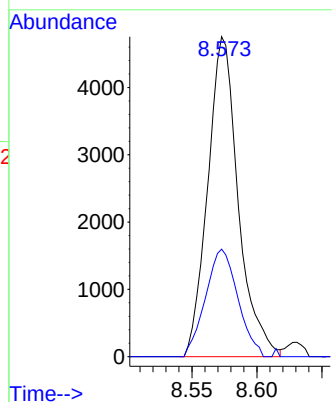
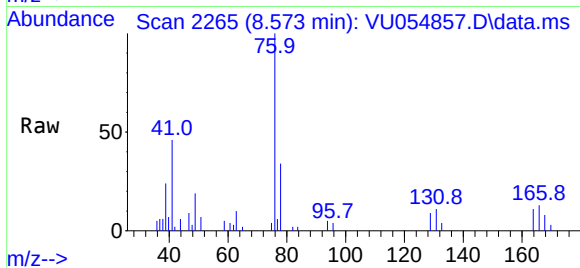
LOQ-WATER-02-QT3-2023

Tgt Ion: 76 Resp: 7745

Ion Ratio Lower Upper

76 100

78 35.6 24.6 36.8



#54

2-Hexanone

Concen: 4.998 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

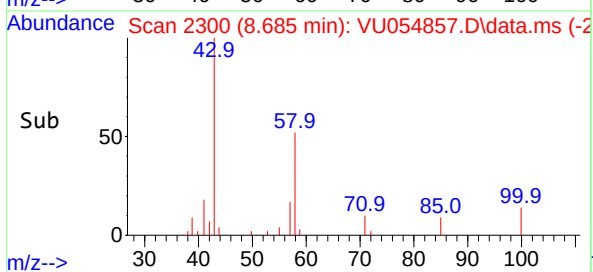
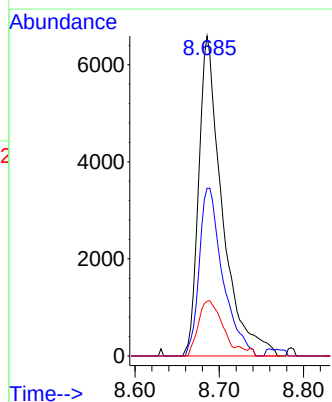
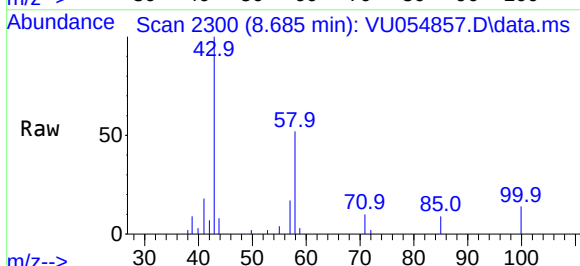
Tgt Ion: 43 Resp: 12778

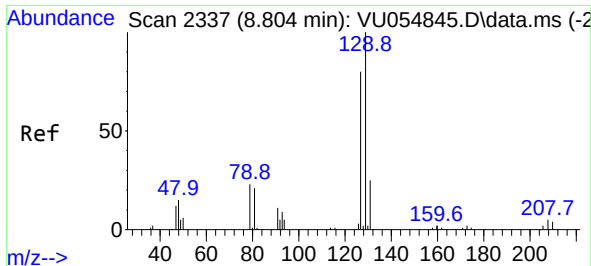
Ion Ratio Lower Upper

43 100

58 52.4 38.9 78.9

57 18.9 0.0 38.7

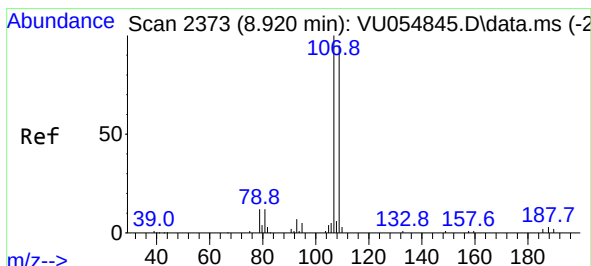
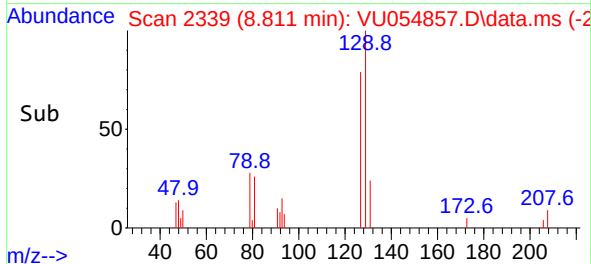
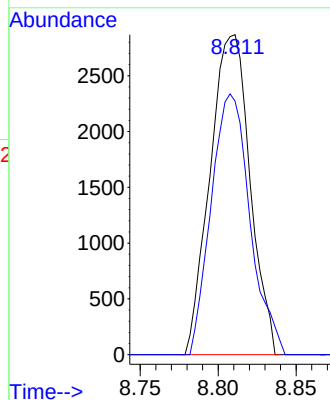
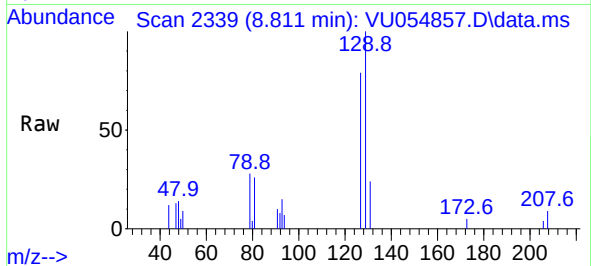




#55
Dibromochloromethane
Concen: 0.916 ug/l
RT: 8.811 min Scan# 2117
Delta R.T. 0.007 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

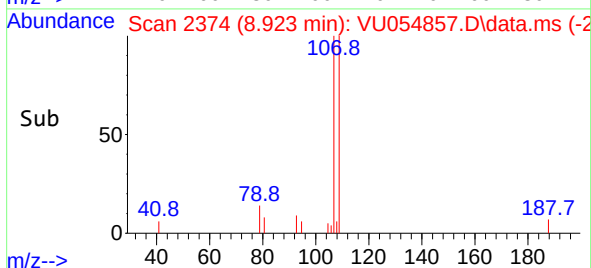
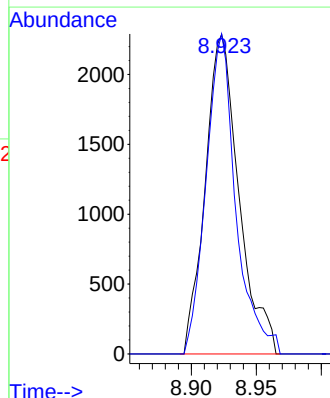
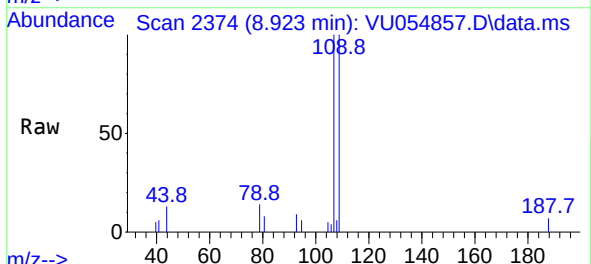
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

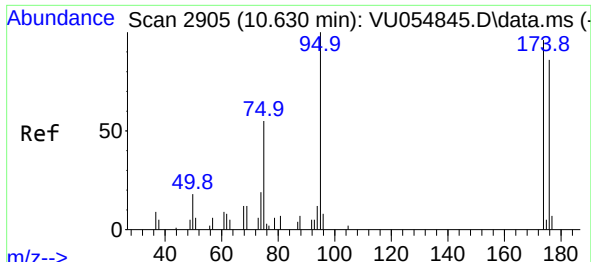
Tgt Ion:129 Resp: 5117
Ion Ratio Lower Upper
129 100
127 79.1 61.4 92.0



#56
1,2-Dibromoethane
Concen: 1.006 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

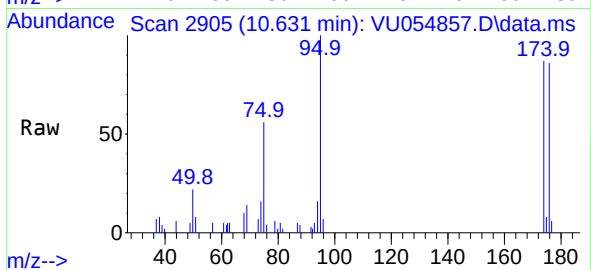
Tgt Ion:107 Resp: 4113
Ion Ratio Lower Upper
107 100
109 88.6 0.0 185.4





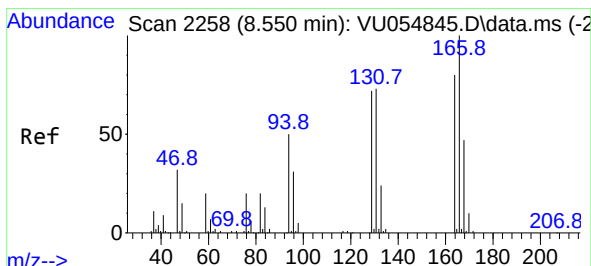
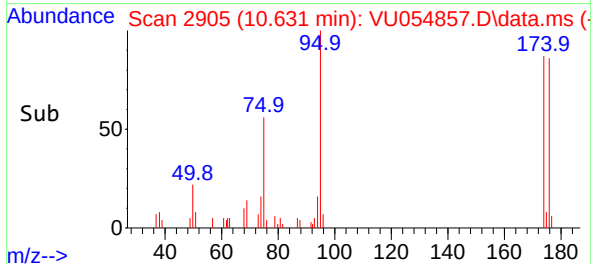
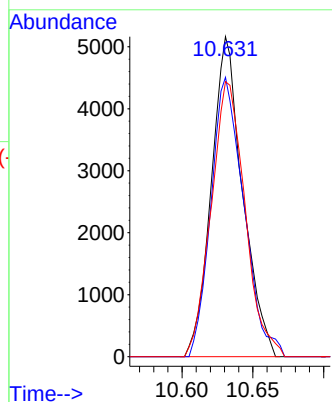
#57
4-Bromofluorobenzene
Concen: 0.980 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

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



Tgt Ion: 95 Resp: 7911

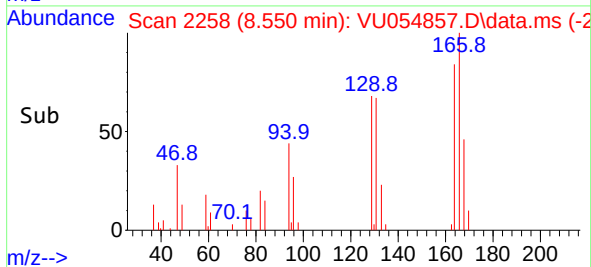
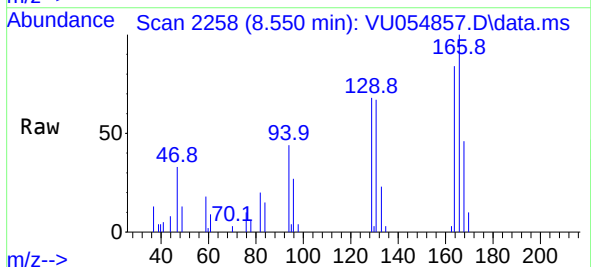
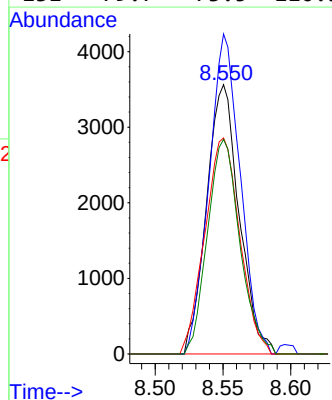
Ion	Ratio	Lower	Upper
95	100		
174	91.8	79.3	118.9
176	93.1	71.5	107.3

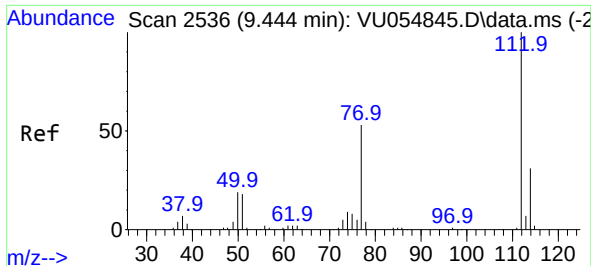


#58
Tetrachloroethene
Concen: 1.096 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 164 Resp: 5958

Ion	Ratio	Lower	Upper
164	100		
166	118.9	100.4	150.6
129	80.3	71.9	107.9
131	79.7	73.5	110.3





#59

Chlorobenzene

Concen: 0.968 ug/l

RT: 9.447 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

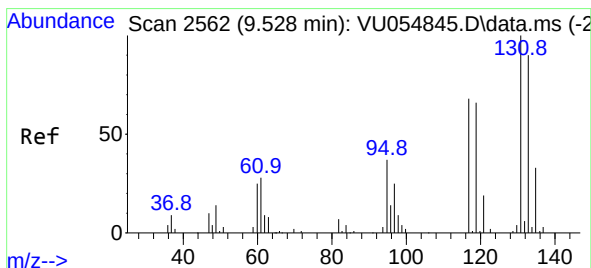
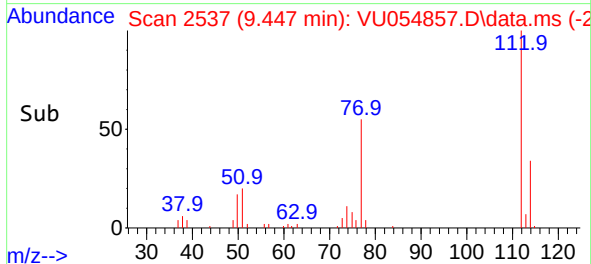
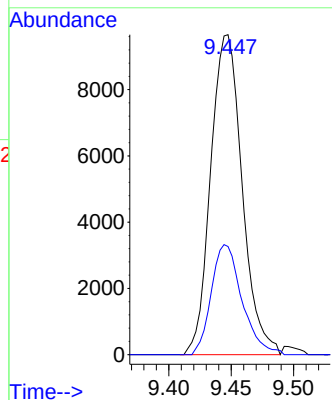
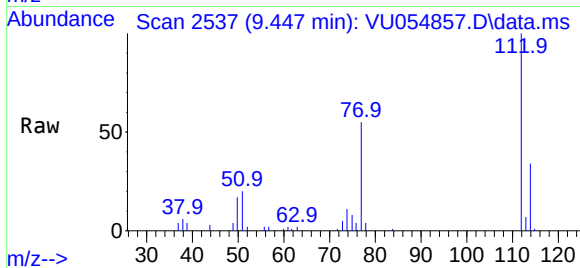
LOQ-WATER-02-QT3-2023

Tgt Ion:112 Resp: 16989

Ion Ratio Lower Upper

112 100

114 33.8 25.0 37.6



#60

1,1,1,2-Tetrachloroethane

Concen: 1.045 ug/l

RT: 9.531 min Scan# 2563

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

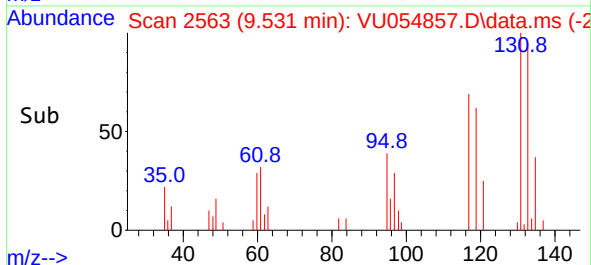
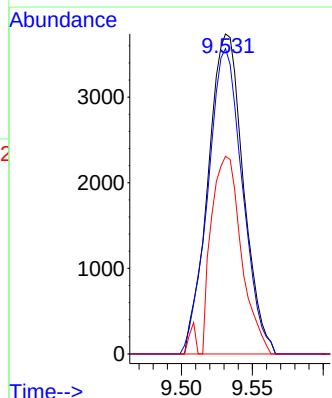
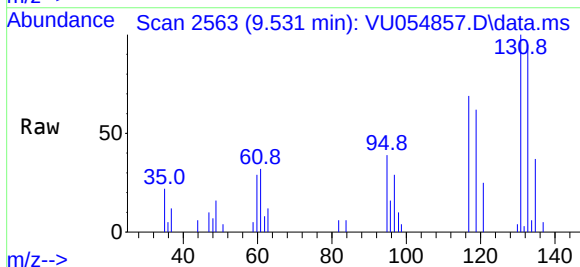
Tgt Ion:131 Resp: 6473

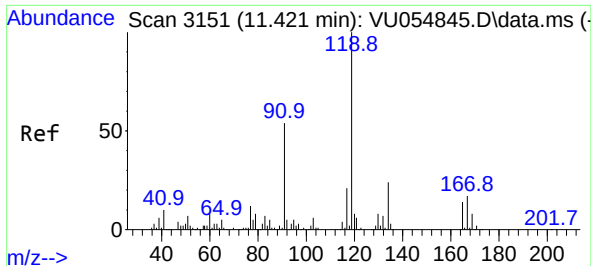
Ion Ratio Lower Upper

131 100

133 93.6 74.2 111.4

119 52.4 51.0 76.4

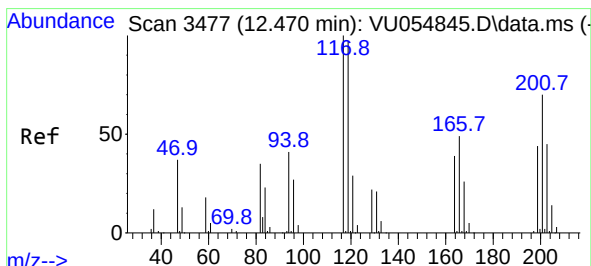
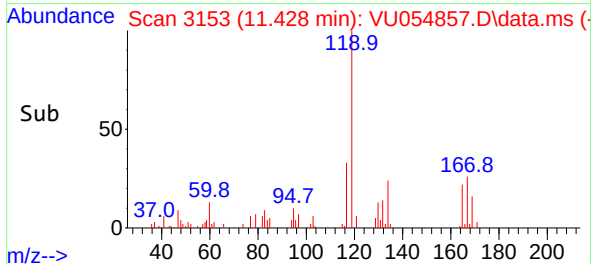
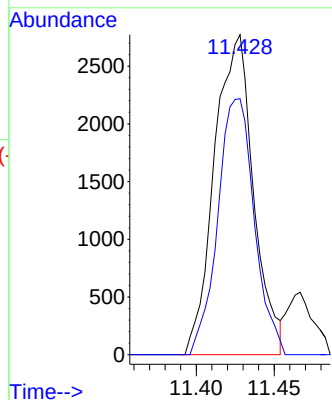
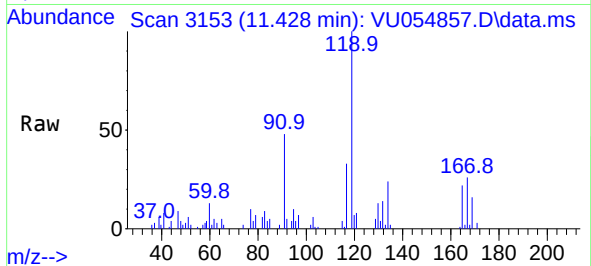




#61
Pentachloroethane
Concen: 0.992 ug/l
RT: 11.428 min Scan# 3151
Delta R.T. 0.007 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

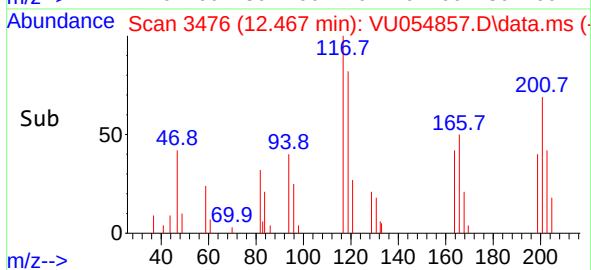
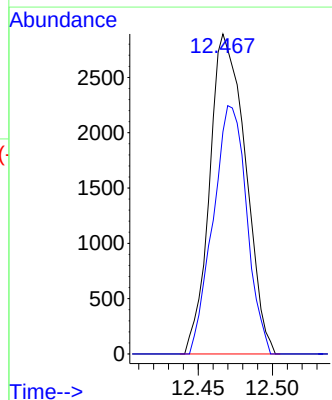
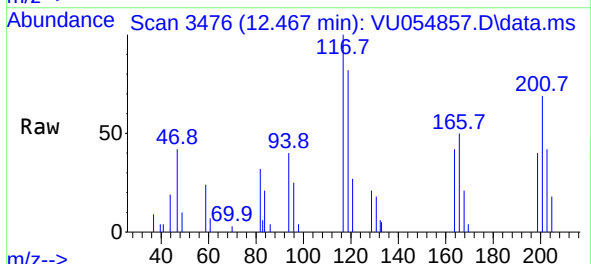
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

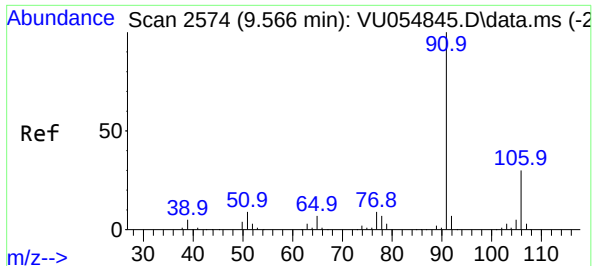
Tgt Ion:117 Resp: 4837
Ion Ratio Lower Upper
117 100
167 74.8 65.3 97.9



#62
Hexachloroethane
Concen: 0.967 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:117 Resp: 4843
Ion Ratio Lower Upper
117 100
201 72.9 56.1 84.1





#63

Ethyl Benzene

Concen: 0.984 ug/l

RT: 9.566 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

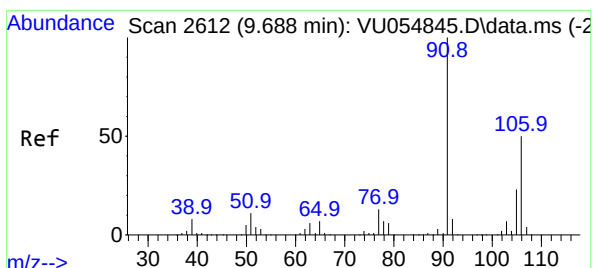
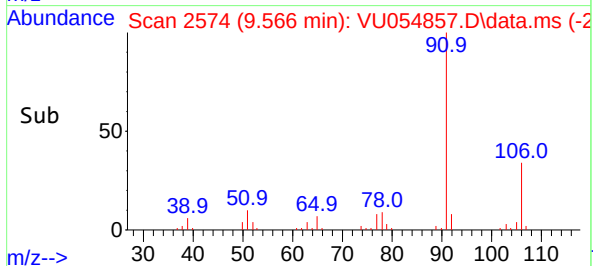
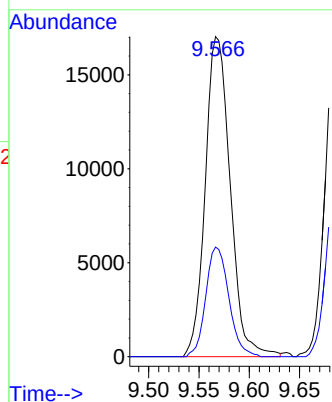
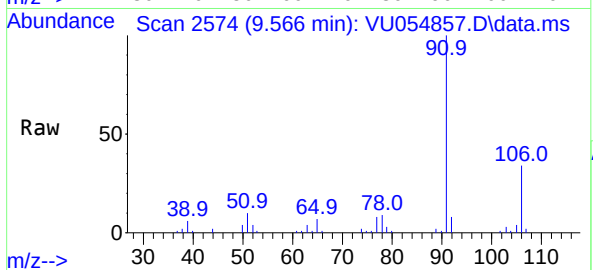
LOQ-WATER-02-QT3-2023

Tgt Ion: 91 Resp: 29439

Ion Ratio Lower Upper

91 100

106 34.3 24.2 36.2



#64

m/p-Xylenes

Concen: 1.940 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU054857.D

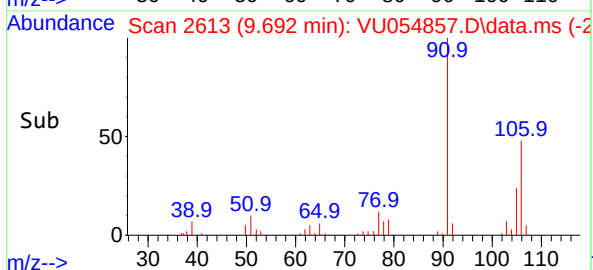
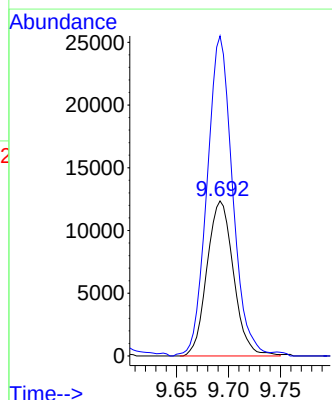
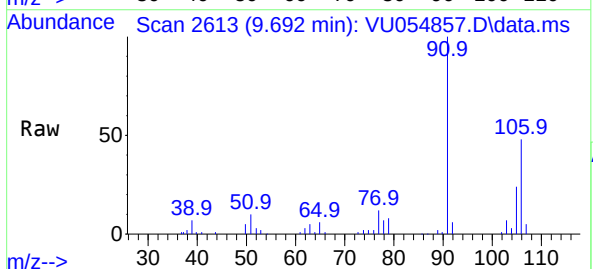
Acq: 24 Jul 2023 13:49

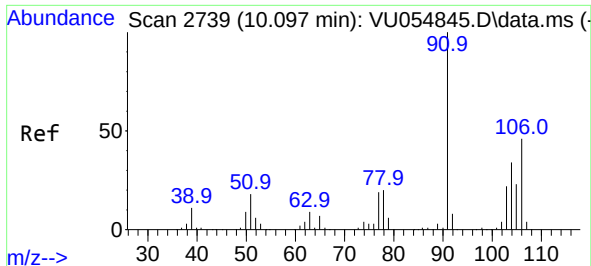
Tgt Ion:106 Resp: 21946

Ion Ratio Lower Upper

106 100

91 198.1 158.8 238.2

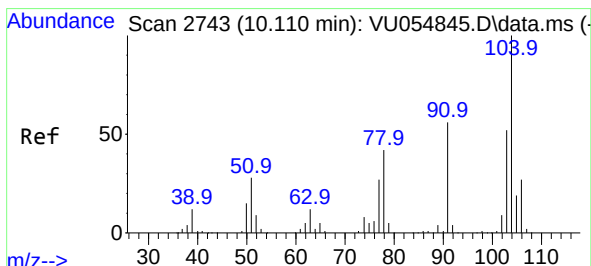
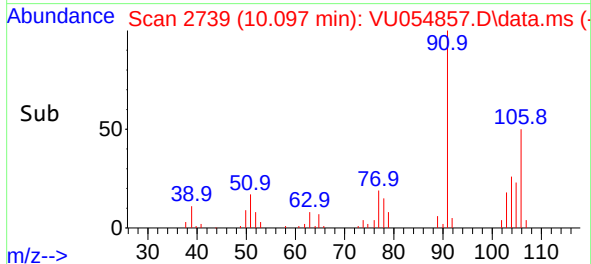
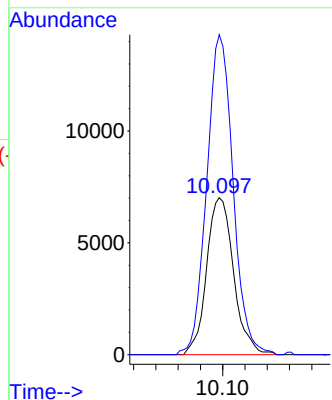
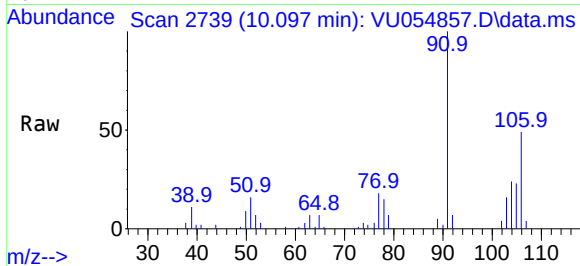




#65
o-Xylene
Concen: 1.036 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

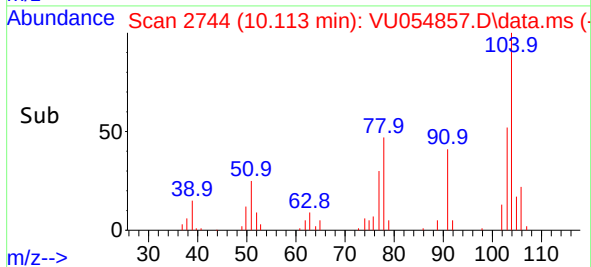
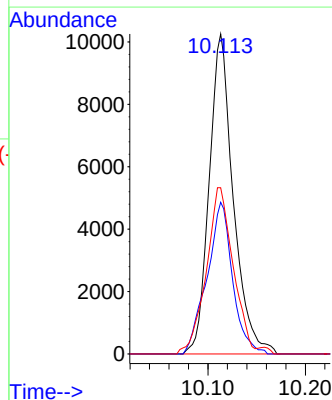
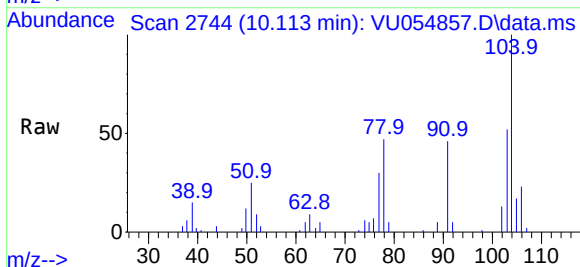
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

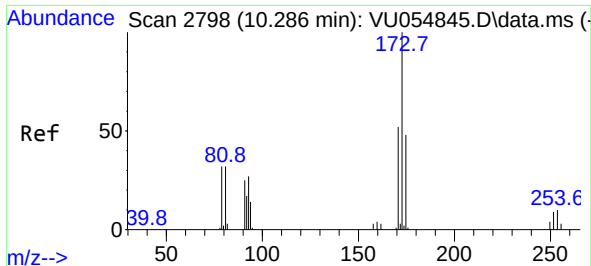
Tgt Ion:106 Resp: 11805
Ion Ratio Lower Upper
106 100
91 198.9 108.9 326.8



#66
Styrene
Concen: 0.962 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

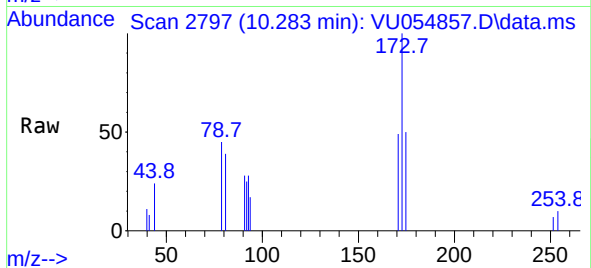
Tgt Ion:104 Resp: 17605
Ion Ratio Lower Upper
104 100
78 50.3 37.5 56.3
103 57.8 45.2 67.8



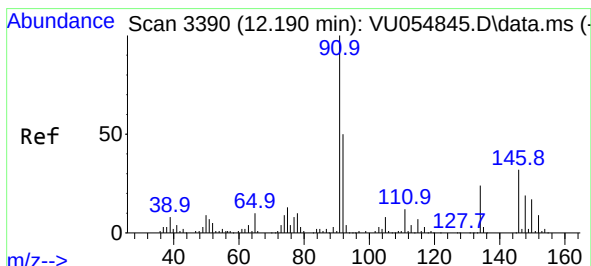
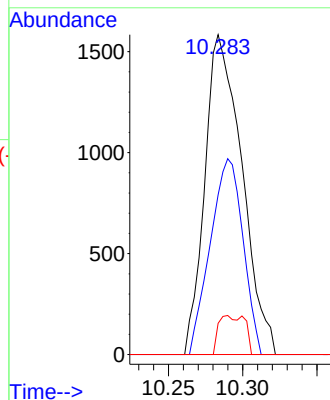
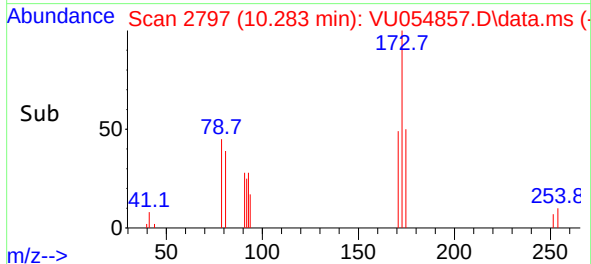


#67
Bromoform
Concen: 0.913 ug/l
RT: 10.283 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

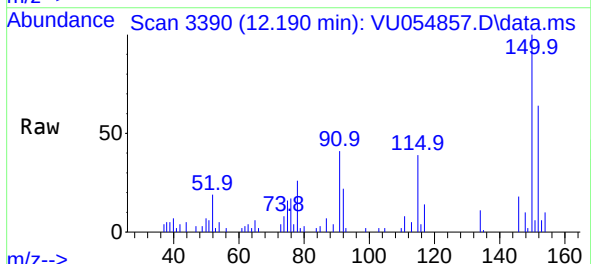
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



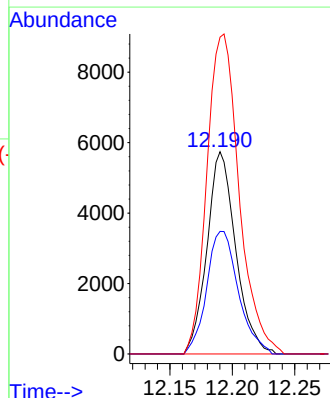
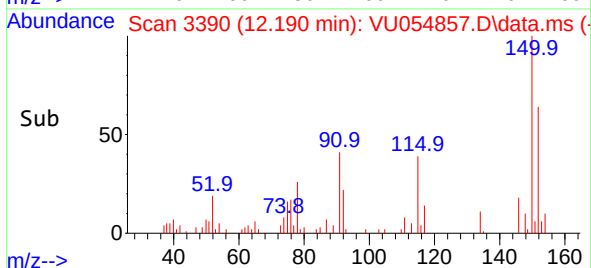
Tgt Ion:	173	Resp:	2748
Ion	Ratio	Lower	Upper
173	100		
175	54.0	39.0	58.6
254	8.7	7.4	11.0

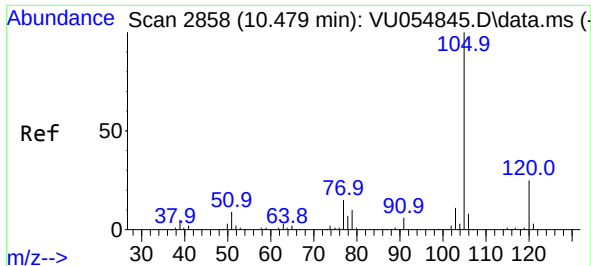


#68
1,2-Dichlorobenzene-d4
Concen: 0.987 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



Tgt Ion:	152	Resp:	9223
Ion	Ratio	Lower	Upper
152	100		
115	66.7	0.0	234.8
150	176.9	0.0	598.2

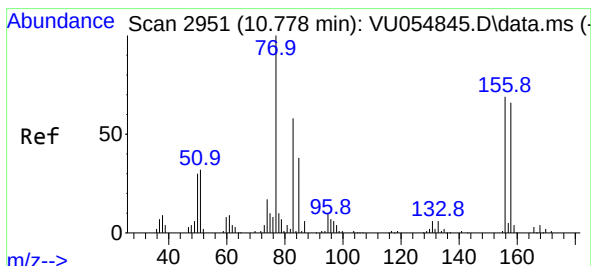
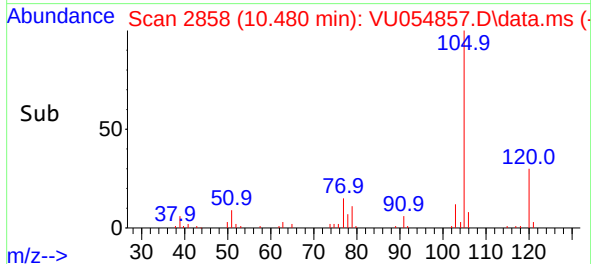
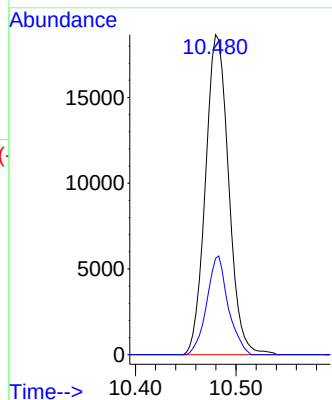
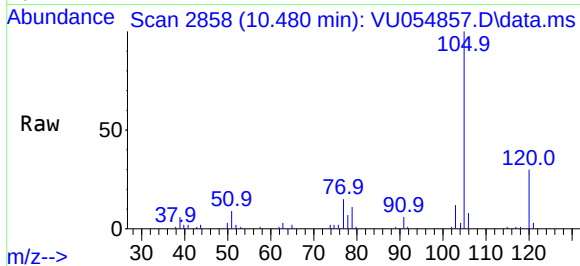




#69
Isopropylbenzene
Concen: 0.969 ug/l
RT: 10.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

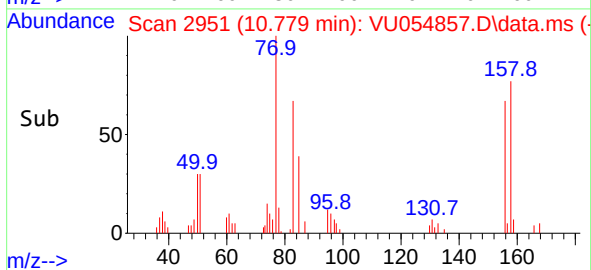
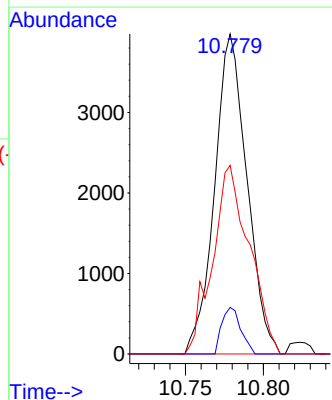
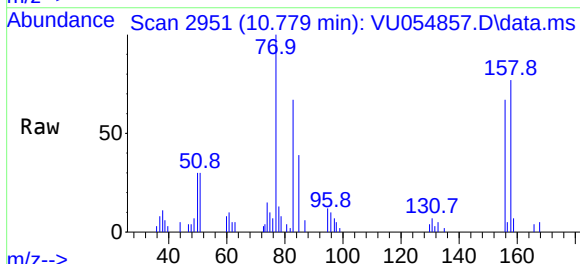
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

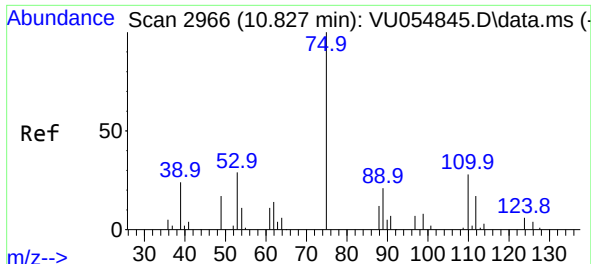
Tgt Ion:105 Resp: 29940
Ion Ratio Lower Upper
105 100
120 28.4 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 0.982 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 83 Resp: 5725
Ion Ratio Lower Upper
83 100
131 8.5 7.5 11.3
85 67.0 53.0 79.6

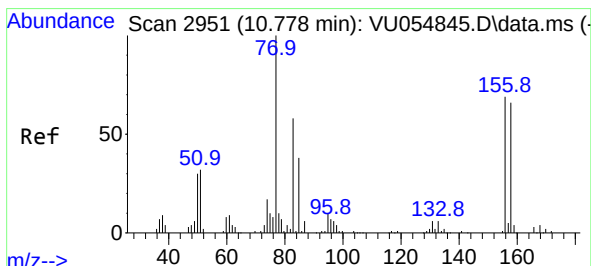
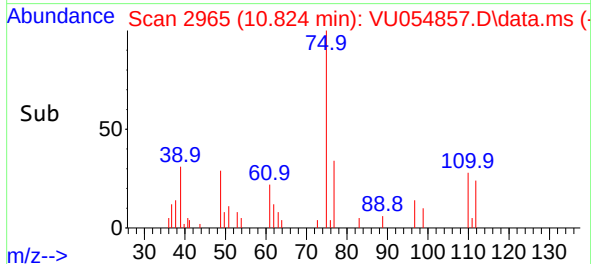
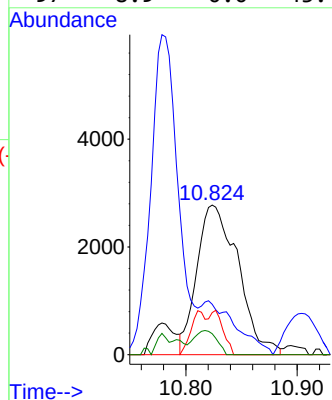
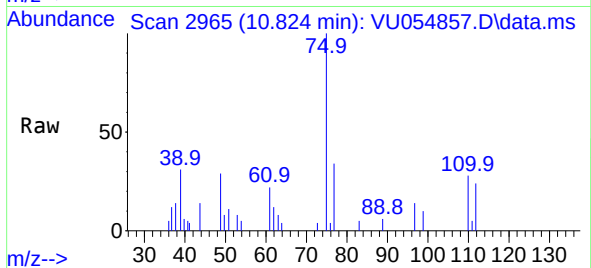




#71
1,2,3-Trichloropropane
Concen: 1.740 ug/l
RT: 10.824 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

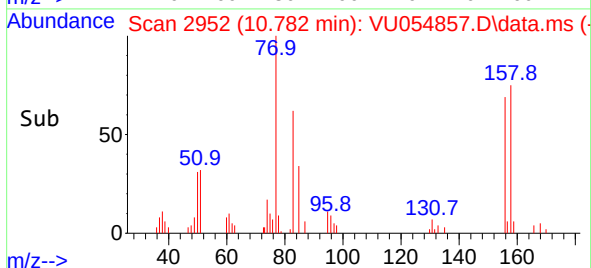
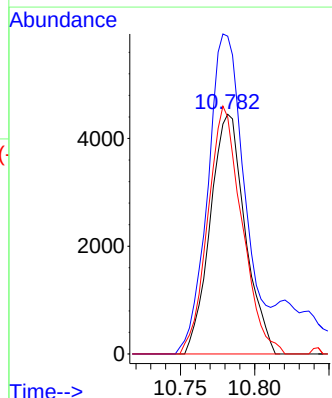
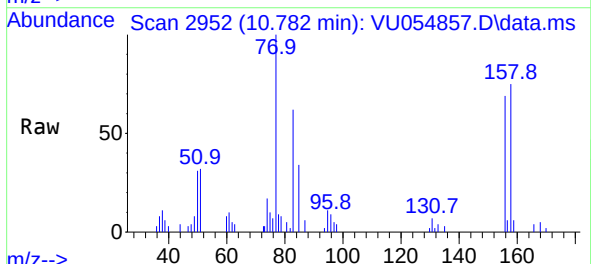
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

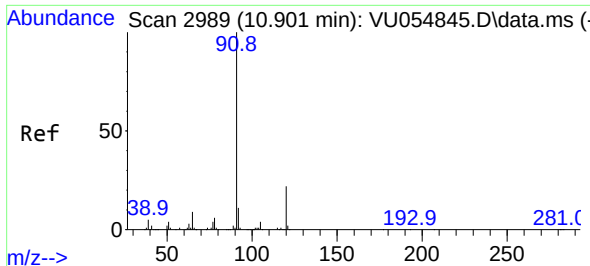
Tgt Ion:	75	Resp:	7147
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	10.0	0.0	80.8
97	8.9	0.0	43.4



#72
Bromobenzene
Concen: 1.018 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:	156	Resp:	7256
Ion	Ratio	Lower	Upper
156	100		
77	141.0	0.0	293.2
158	101.3	0.0	189.8

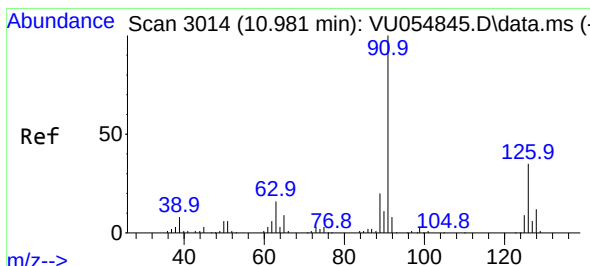
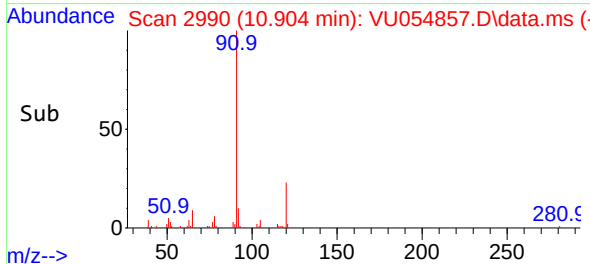
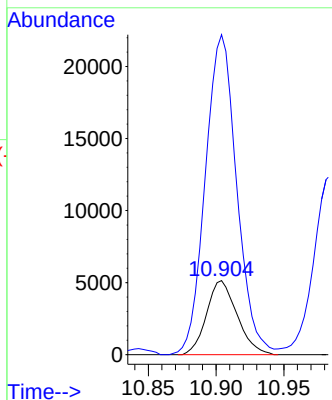
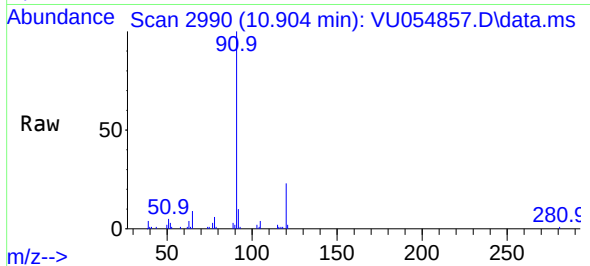




#73
n-propylbenzene
Concen: 0.971 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

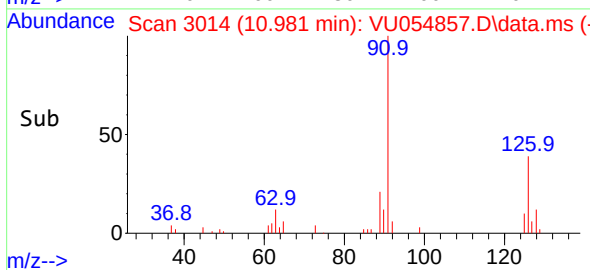
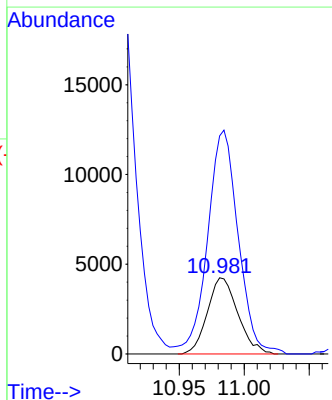
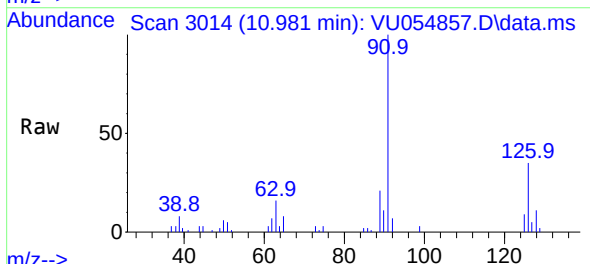
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

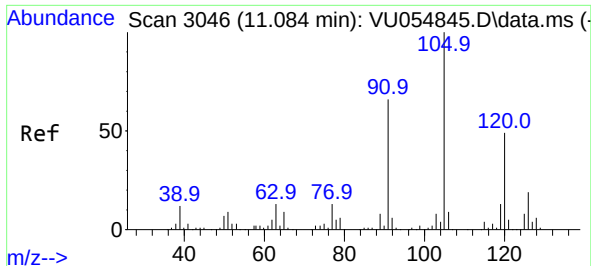
Tgt Ion:120 Resp: 8064
Ion Ratio Lower Upper
120 100
91 445.1 361.8 542.6



#74
2-Chlorotoluene
Concen: 0.957 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:126 Resp: 6918
Ion Ratio Lower Upper
126 100
91 295.2 0.0 561.4

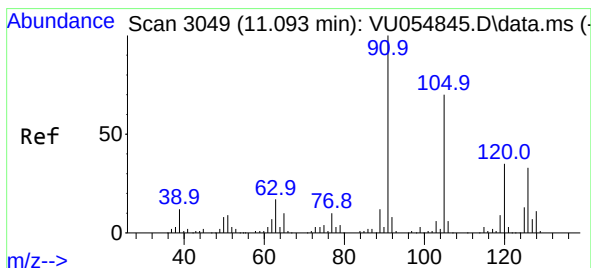
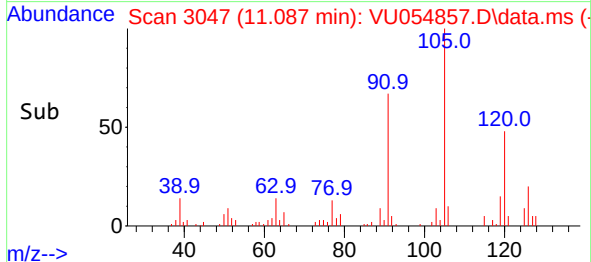
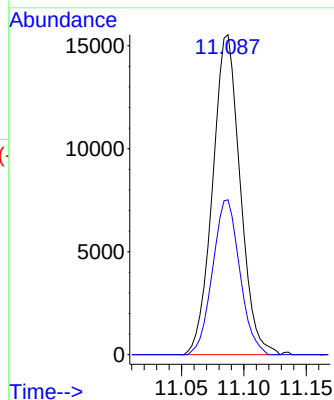
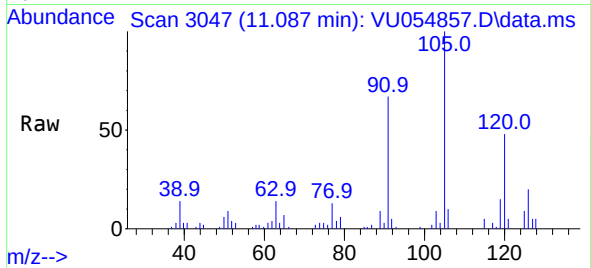




#75
1,3,5-Trimethylbenzene
Concen: 0.951 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

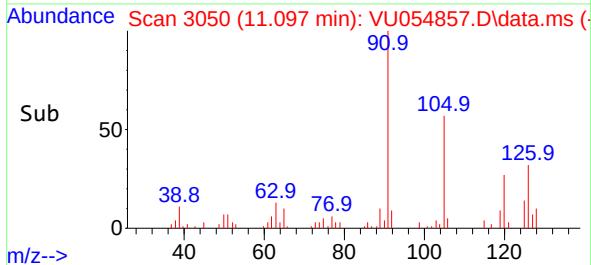
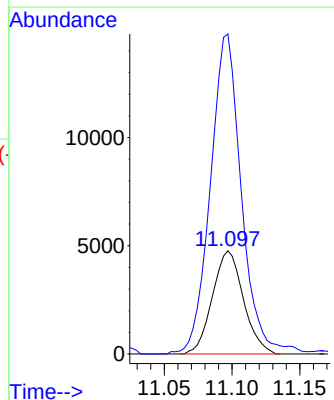
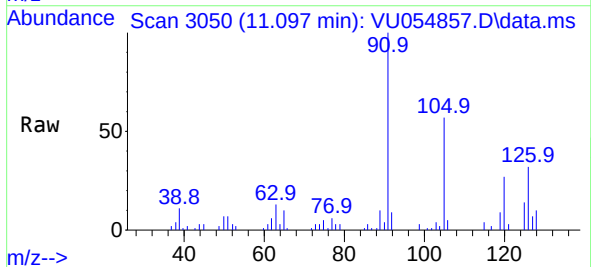
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

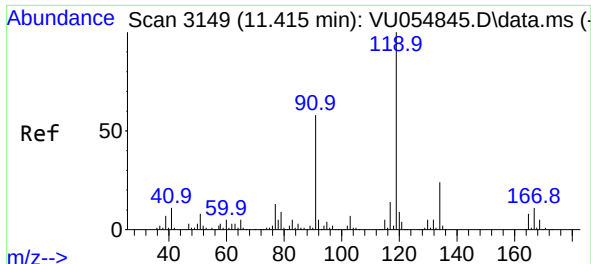
Tgt Ion:105 Resp: 23942
Ion Ratio Lower Upper
105 100
120 47.7 39.0 58.4



#76
4-Chlorotoluene
Concen: 1.018 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:126 Resp: 7570
Ion Ratio Lower Upper
126 100
91 311.5 0.0 623.4

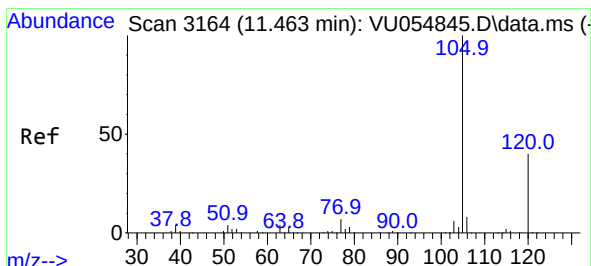
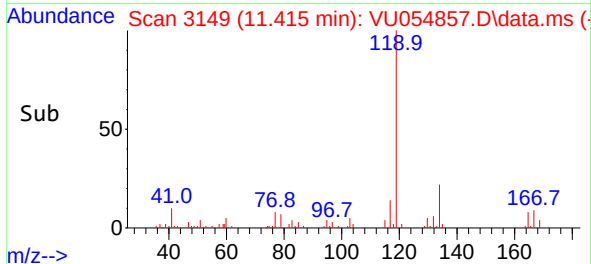
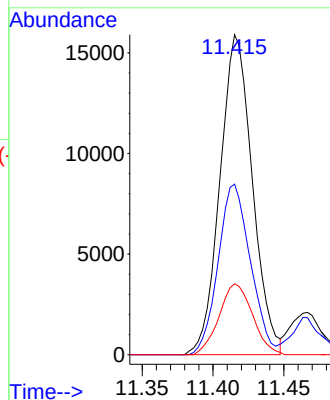
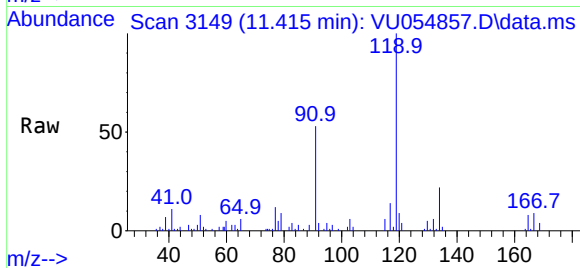




#77
tert-Butylbenzene
Concen: 0.977 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

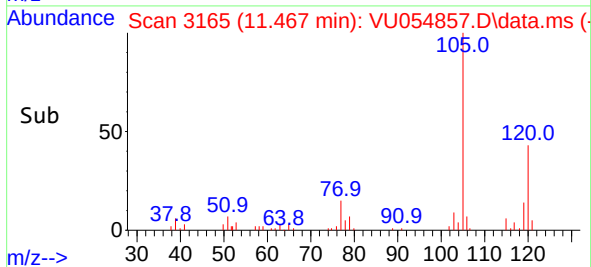
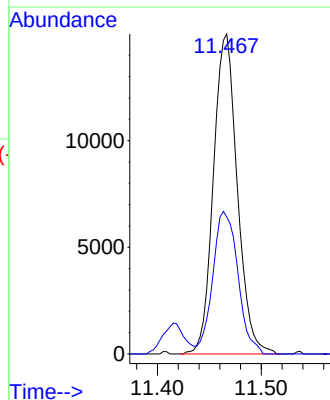
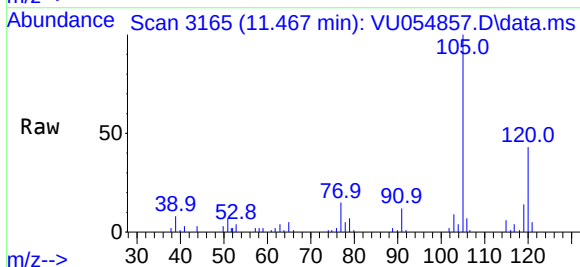
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

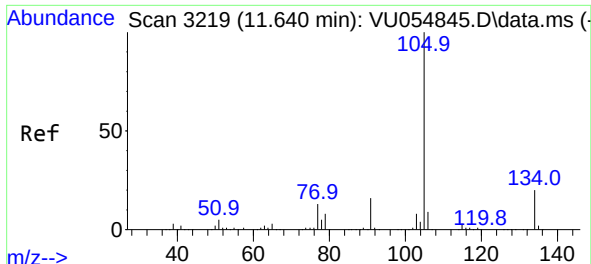
Tgt Ion:	119	Resp:	25343
Ion	Ratio	Lower	Upper
119	100		
91	53.0	27.7	83.1
134	22.8	18.6	27.8



#78
1,2,4-Trimethylbenzene
Concen: 0.946 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:	105	Resp:	23943
Ion	Ratio	Lower	Upper
105	100		
120	47.1	22.4	67.3

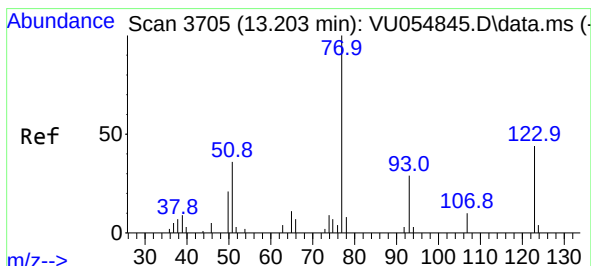
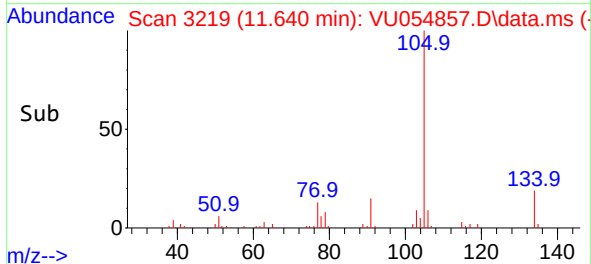
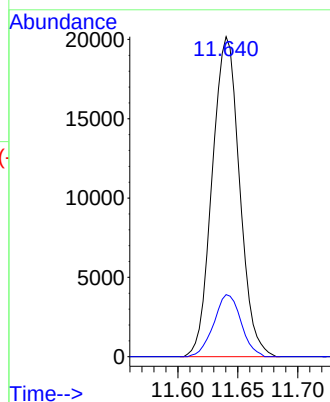
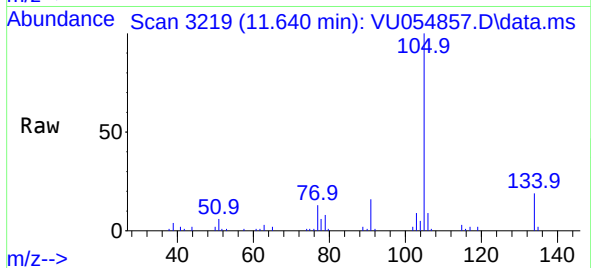




#79
 sec-Butylbenzene
 Concen: 0.949 ug/l
 RT: 11.640 min Scan# 31944
 Delta R.T. 0.000 min
 Lab File: VU054857.D
 Acq: 24 Jul 2023 13:49

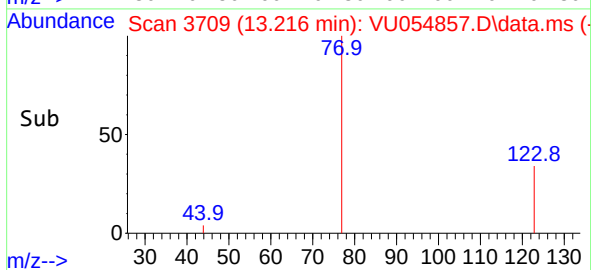
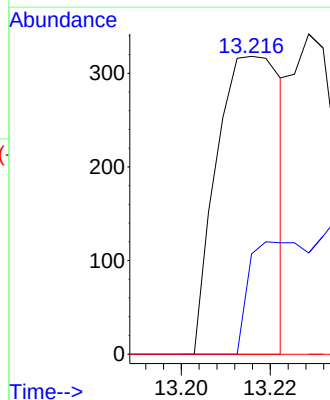
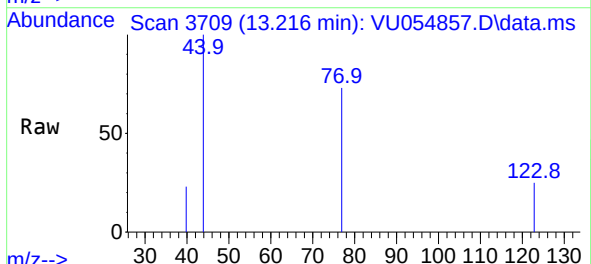
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

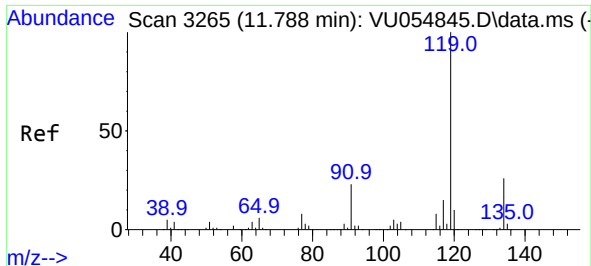
Tgt Ion:105 Resp: 31944
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.7 23.5



#80
 Nitrobenzene
 Concen: 4.475 ug/l
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.013 min
 Lab File: VU054857.D
 Acq: 24 Jul 2023 13:49

Tgt Ion: 77 Resp: 318
 Ion Ratio Lower Upper
 77 100
 123 34.6 20.2 71.8
 65 0.0 11.7 14.9#



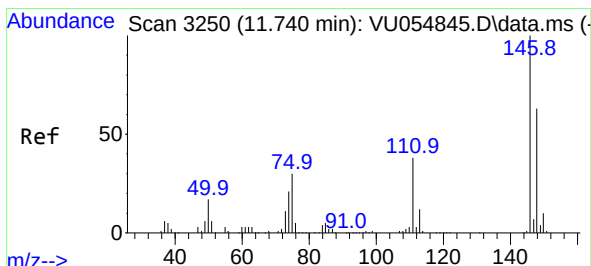
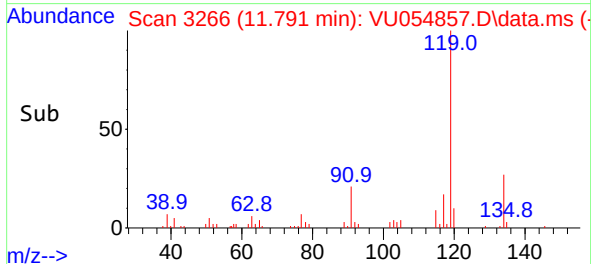
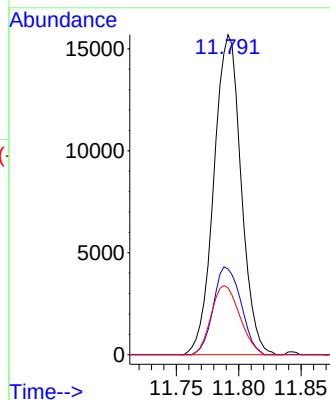
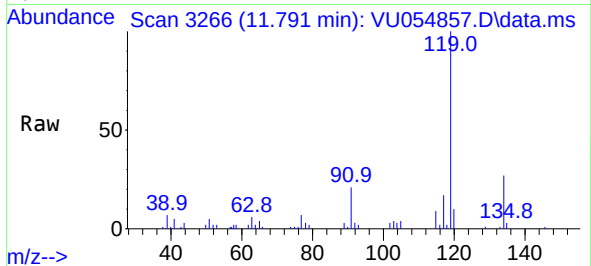


#81
p-Isopropyltoluene
Concen: 0.871 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

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

Tgt Ion:119 Resp: 23883

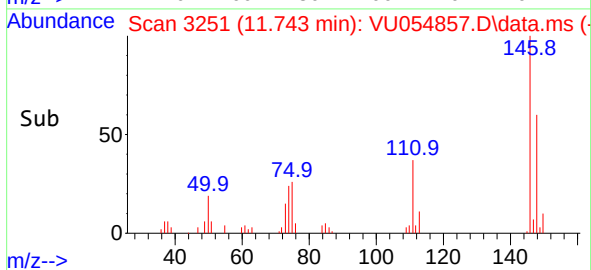
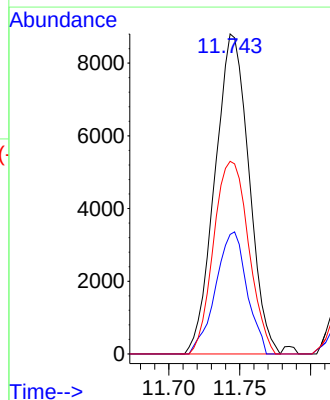
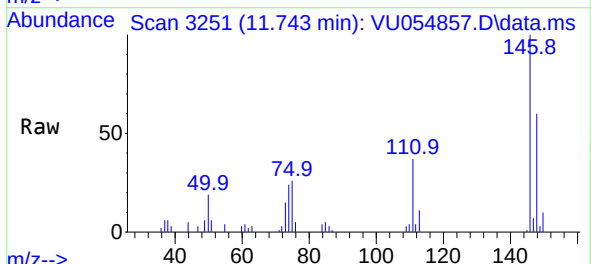
Ion	Ratio	Lower	Upper
119	100		
134	27.8	20.6	31.0
91	22.5	18.2	27.4

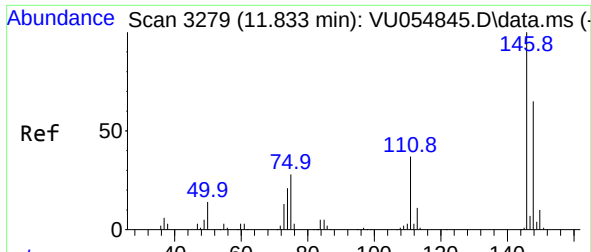


#82
1,3-Dichlorobenzene
Concen: 1.029 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:146 Resp: 14685

Ion	Ratio	Lower	Upper
146	100		
111	35.1	30.5	45.7
148	62.0	51.0	76.6





#83

1,4-Dichlorobenzene

Concen: 0.989 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

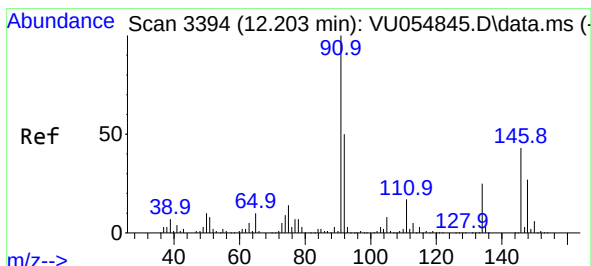
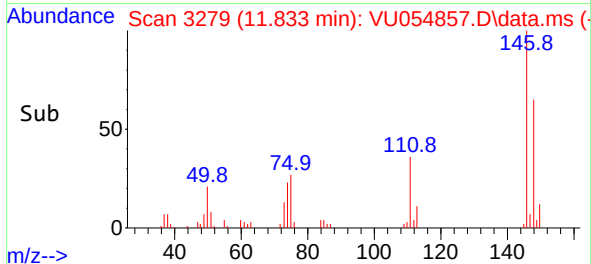
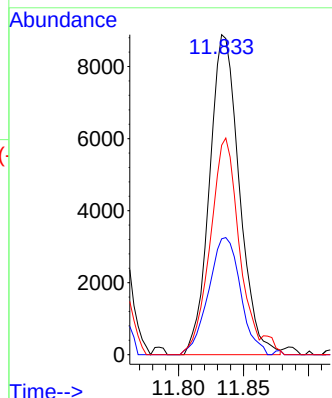
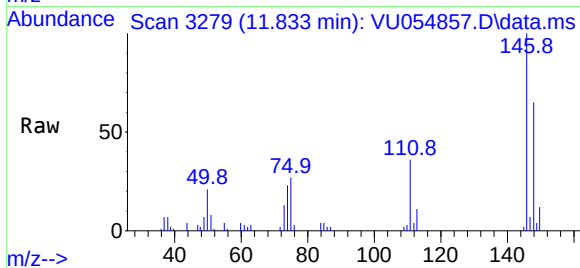
Tgt Ion:146 Resp: 14155

Ion Ratio Lower Upper

146 100

111 39.4 29.5 44.3

148 67.6 51.2 76.8



#84

n-Butylbenzene

Concen: 0.820 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

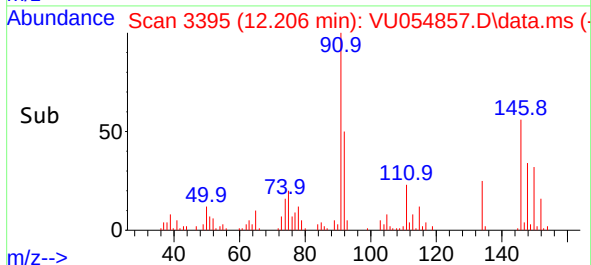
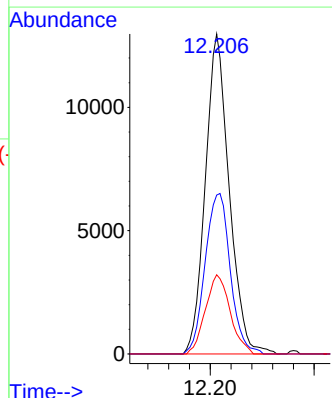
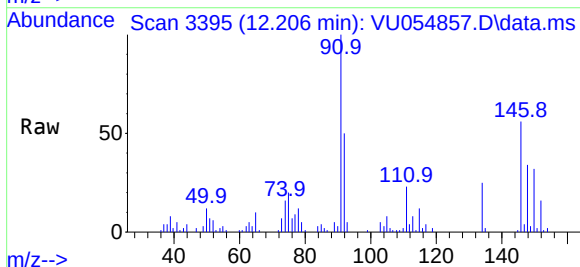
Tgt Ion: 91 Resp: 20677

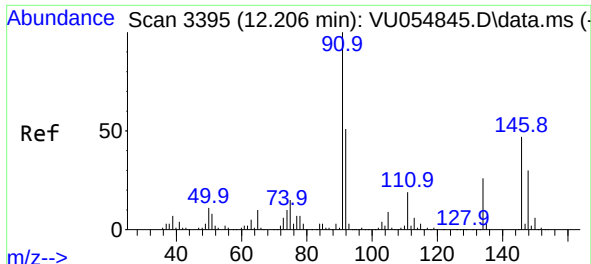
Ion Ratio Lower Upper

91 100

92 52.8 39.8 59.8

134 25.7 20.2 30.4





#85

1,2-Dichlorobenzene

Concen: 0.984 ug/l

RT: 12.213 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

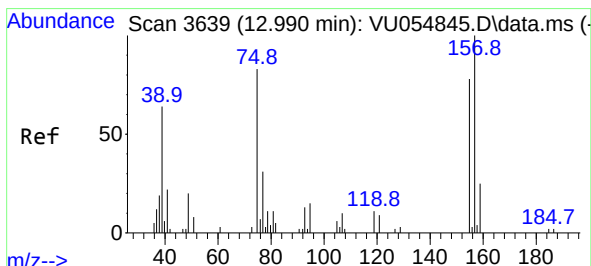
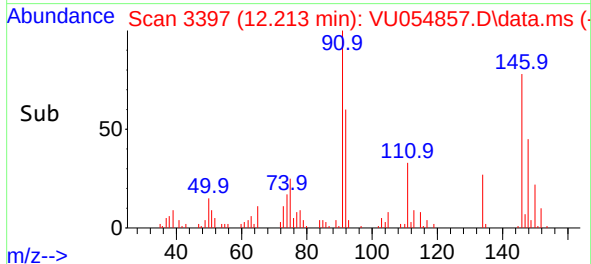
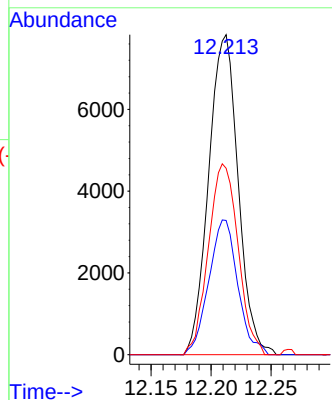
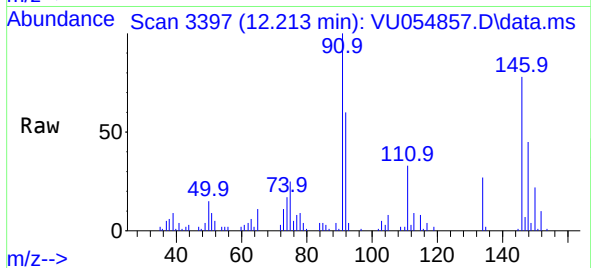
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:	146	Resp:	13385
Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.8	59.4
148	60.3	31.8	95.3



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.248 ug/l

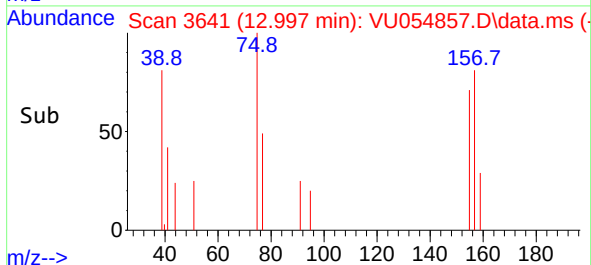
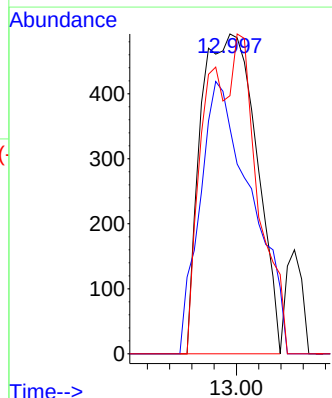
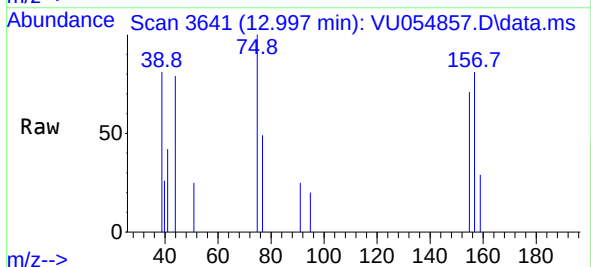
RT: 12.997 min Scan# 3641

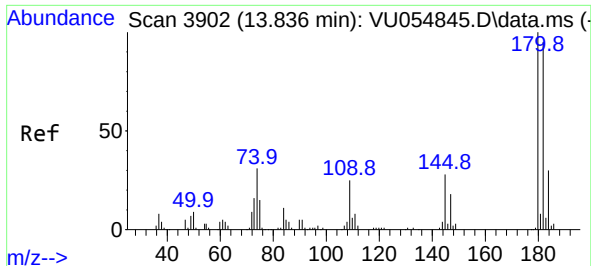
Delta R.T. 0.007 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Tgt Ion:	75	Resp:	848
Ion	Ratio	Lower	Upper
75	100		
155	79.6	74.8	112.2
157	40.8	97.4	146.0#

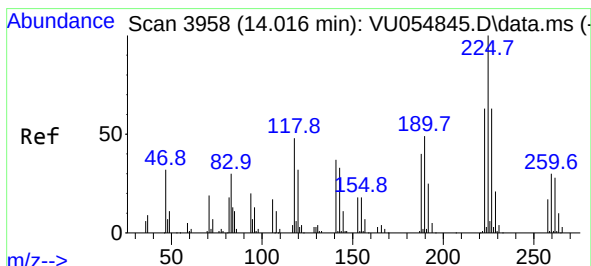
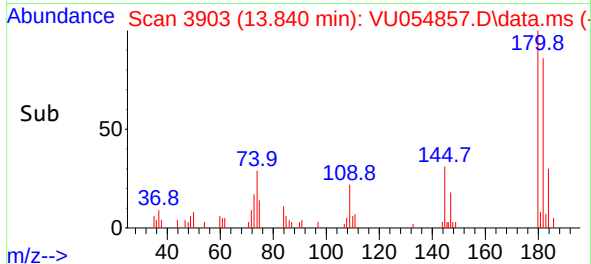
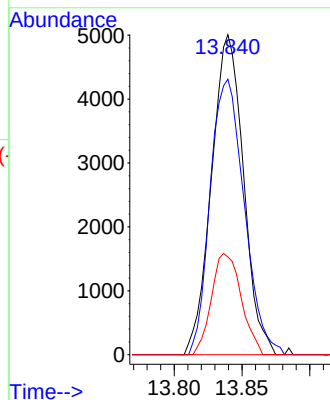
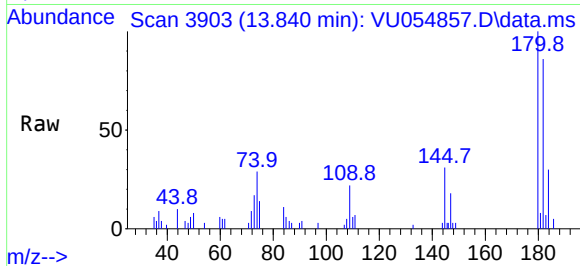




#87
1,2,4-Trichlorobenzene
Concen: 0.942 ug/l
RT: 13.840 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

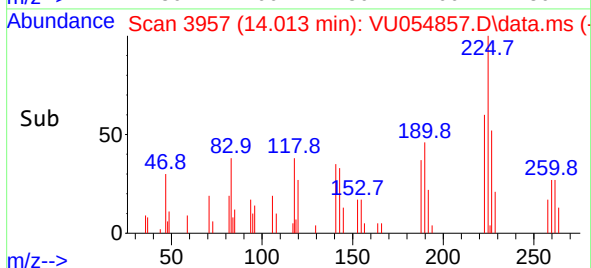
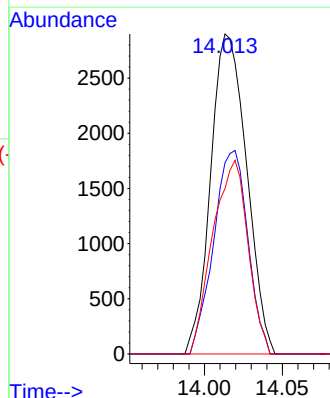
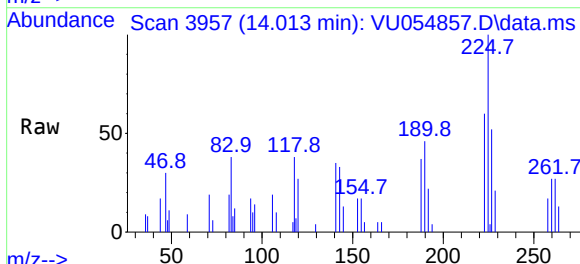
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

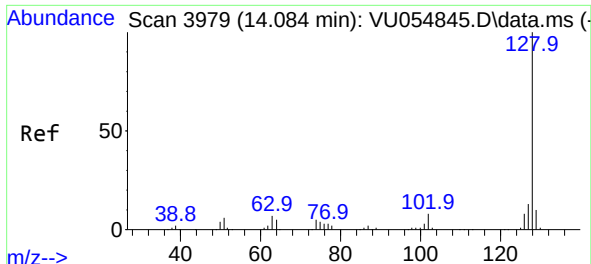
Tgt Ion:180 Resp: 8212
Ion Ratio Lower Upper
180 100
182 91.5 77.0 115.6
145 29.4 23.4 35.0



#88
Hexachlorobutadiene
Concen: 1.000 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:225 Resp: 4655
Ion Ratio Lower Upper
225 100
223 60.6 50.6 76.0
227 59.2 50.7 76.1





#89

Naphthalene

Concen: 0.906 ug/l

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

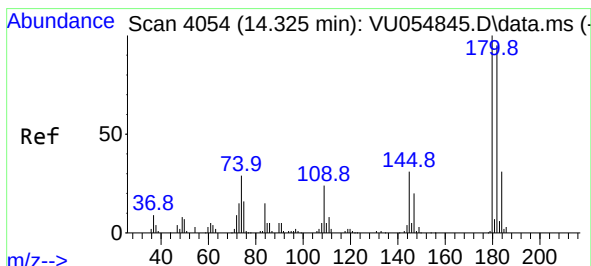
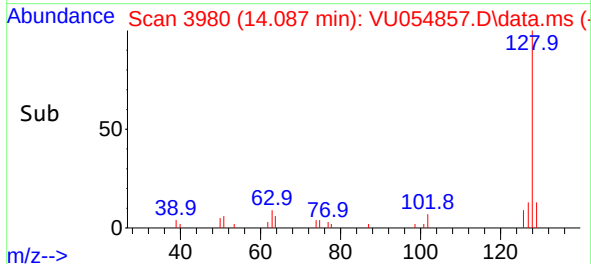
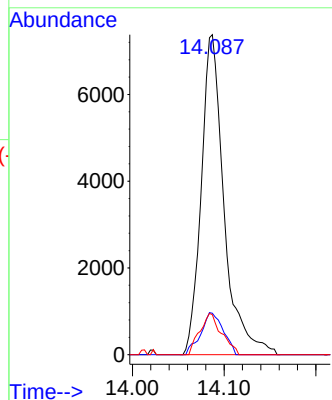
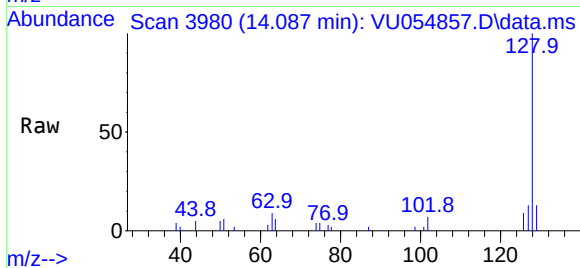
Tgt Ion:128 Resp: 12767

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 12.3 8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 0.993 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Tgt Ion:180 Resp: 7479

Ion Ratio Lower Upper

180 100

182 85.2 76.0 114.0

145 29.2 24.3 36.5

