

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054855.D
 Acq On : 24 Jul 2023 13:01
 Operator : MD/SY
 Sample : 03573-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Jul 25 02:13:57 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	26698	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7950	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	8681	0.930	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	4031	0.759	ug/l	98
3) Chloromethane	1.518	50	5162	0.837	ug/l	98
4) Vinyl Chloride	1.602	62	6158	0.778	ug/l	98
5) Bromomethane	1.856	94	5088	0.905	ug/l	96
6) Chloroethane	1.930	64	5889	0.787	ug/l	99
7) Trichlorofluoromethane	2.133	101	14173	0.738	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	4634	0.843	ug/l	97
9) 1,1-Dichloroethene	2.576	96	3982	0.867	ug/l	96
10) Iodomethane	2.721	142	5670	0.766	ug/l	100
11) Allyl Chloride	2.924	41	4700	0.872	ug/l	92
12) Acrylonitrile	3.332	53	1334	1.194	ug/l	# 56
13) Acetone	2.657	43	3753	3.918	ug/l	97
14) Carbon Disulfide	2.788	76	5917	0.764	ug/l	# 78
15) Methylene Chloride	3.039	84	7052	0.481	ug/l	94
16) trans-1,2-Dichloroethene	3.354	96	4044	0.792	ug/l	93
17) 1,1-Dichloroethane	3.869	63	8994	0.833	ug/l	# 87
18) 2-Butanone	4.740	43	4009	2.861	ug/l	93
19) Cyclohexane	5.383	56	5078	0.812	ug/l	97
20) Methylcyclohexane	6.763	83	6742	0.812	ug/l	94
21) 2,2-Dichloropropane	4.657	77	7402	0.786	ug/l	98
22) cis-1,2-Dichloroethene	4.663	96	5119	0.792	ug/l	97
23) Diethyl Ether	2.377	59	5616	0.796	ug/l	92
24) tert-Butyl Alcohol	3.255	59	125	0.206	ug/l	# 92
25) Methyl tert-Butyl Ether	3.361	73	10676	0.762	ug/l	99
26) Bromochloromethane	4.968	128	1814	0.736	ug/l	80
27) Chloroform	5.084	83	9353	0.788	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	8286	0.831	ug/l	94
29) 1,1-Dichloropropene	5.521	75	5737	0.809	ug/l	97
30) Carbon Tetrachloride	5.521	117	6404	0.773	ug/l	97
31) Isopropyl Ether	3.991	45	12952	0.810	ug/l	97
32) Ethyl-t-butyl ether	4.499	59	13406	0.816	ug/l	100
33) Tert-Amyl methyl ether	5.936	73	12591	0.815	ug/l	99
34) Propionitrile	4.801	54	252	0.601	ug/l	# 66
35) Benzene	5.769	78	17919	0.777	ug/l	98
36) 1,2-Dichloroethane	5.788	62	4853	0.733	ug/l	# 92
37) Trichloroethene	6.538	130	5420	0.870	ug/l	85
38) 1,2-Dichloropropane	6.788	63	5145	0.773	ug/l	94
39) Methacrylonitrile	4.988	41	948	0.635	ug/l	# 69
40) Methyl acrylate	4.872	55	1662	0.653	ug/l	# 73
41) Tetrahydrofuran	5.075	42	1347	1.527	ug/l	# 82
42) 1-Chlorobutane	5.383	56	5696	0.594	ug/l	89
43) Dibromomethane	6.917	93	2506	0.809	ug/l	98
44) Bromodichloromethane	7.103	83	6934	0.818	ug/l	# 98

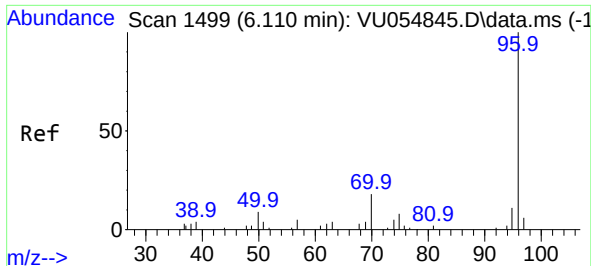
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054855.D
 Acq On : 24 Jul 2023 13:01
 Operator : MD/SY
 Sample : 03573-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Jul 25 02:13:57 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)
45) 4-Methyl-2-Pentanone	7.791	43	14422	3.936	ug/l	94
46) t-1,4-Dichloro-2-butene	10.820	75	2538	1.655	ug/l #	76
47) Methyl methacrylate	6.962	69	4330	1.489	ug/l	95
48) Ethyl methacrylate	8.335	69	4346	0.736	ug/l	98
49) Toluene	7.968	92	11315	0.769	ug/l	95
50) t-1,3-Dichloropropene	8.209	75	5235	0.696	ug/l	98
51) cis-1,3-Dichloropropene	7.608	75	7256	0.794	ug/l	98
52) 1,1,2-Trichloroethane	8.402	97	3833	0.821	ug/l	86
53) 1,3-Dichloropropane	8.573	76	5091	0.647	ug/l	92
54) 2-Hexanone	8.685	43	8510	3.332	ug/l	91
55) Dibromochloromethane	8.804	129	3065	0.549	ug/l #	66
56) 1,2-Dibromoethane	8.923	107	3220	0.788	ug/l	97
58) Tetrachloroethene	8.550	164	4449	0.819	ug/l	95
59) Chlorobenzene	9.447	112	14113	0.805	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.528	131	3946	0.637	ug/l #	76
61) Pentachloroethane	11.425	117	3386	0.695	ug/l	91
62) Hexachloroethane	12.473	117	3694	0.738	ug/l	99
63) Ethyl Benzene	9.566	91	23474	0.785	ug/l #	88
64) m/p-Xylenes	9.689	106	17361	1.536	ug/l	99
65) o-Xylene	10.097	106	9376	0.824	ug/l	87
66) Styrene	10.113	104	13499	0.738	ug/l	98
67) Bromoform	10.287	173	2477	0.824	ug/l #	97
69) Isopropylbenzene	10.479	105	23652	0.766	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.778	83	4545	0.780	ug/l #	94
71) 1,2,3-Trichloropropane	10.820	75	2538	0.618	ug/l #	90
72) Bromobenzene	10.782	156	5694	0.799	ug/l	97
73) n-propylbenzene	10.907	120	6078	0.733	ug/l	95
74) 2-Chlorotoluene	10.988	126	5878	0.814	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	19060	0.758	ug/l	97
76) 4-Chlorotoluene	11.097	126	5906	0.795	ug/l	94
77) tert-Butylbenzene	11.415	119	19321	0.746	ug/l	97
78) 1,2,4-Trimethylbenzene	11.467	105	18592	0.735	ug/l	96
79) sec-Butylbenzene	11.640	105	23956	0.713	ug/l	99
80) Nitrobenzene	13.193	77	20	3.157	ug/l #	39
81) p-Isopropyltoluene	11.791	119	19064	0.696	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	10853	0.761	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	11353	0.794	ug/l	98
84) n-Butylbenzene	12.206	91	16543	0.657	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	11012	0.811	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.000	75	521	0.820	ug/l	90
87) 1,2,4-Trichlorobenzene	13.836	180	6884	0.790	ug/l	89
88) Hexachlorobutadiene	14.013	225	3544	0.762	ug/l	97
89) Naphthalene	14.087	128	10377	0.737	ug/l	97
90) 1,2,3-Trichlorobenzene	14.325	180	5543	0.736	ug/l	92

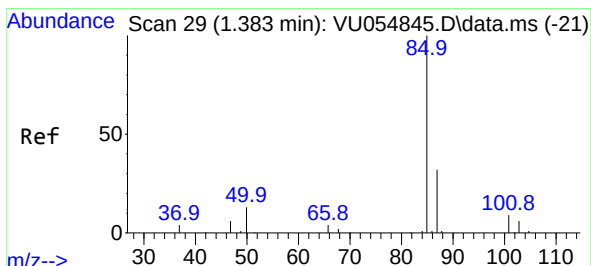
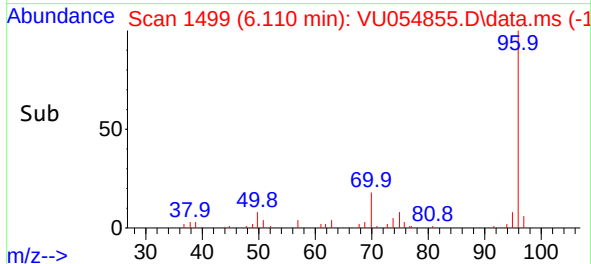
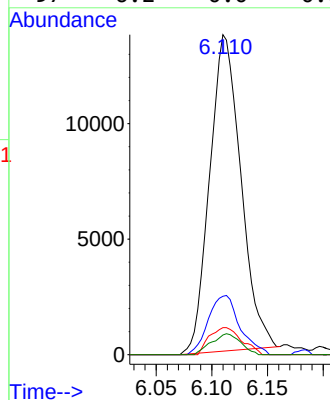
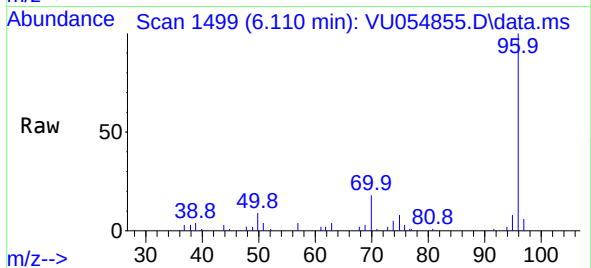
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

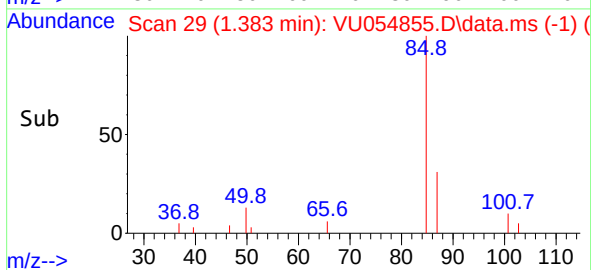
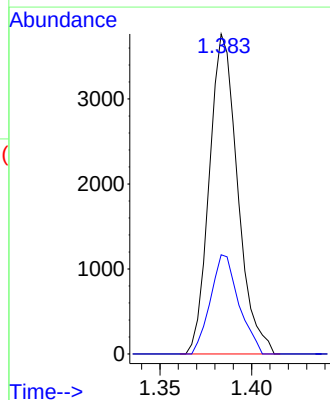
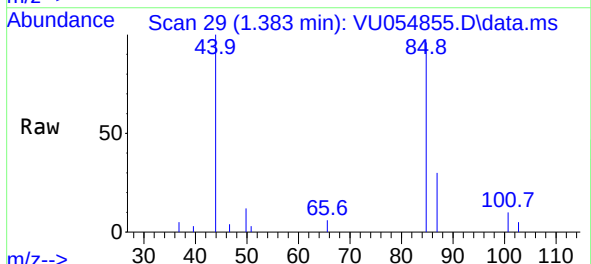
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion:	96	Resp:	26698
Ion Ratio	Lower	Upper	
96	100		
70	18.9	14.0	21.0
95	8.8	8.7	13.1
97	6.2	0.0	0.0

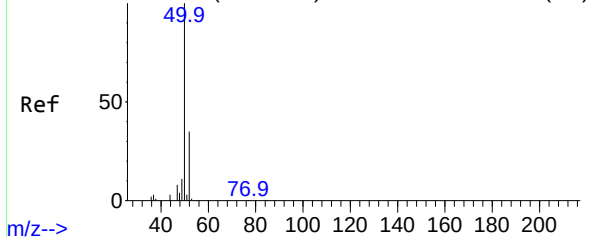


#2
Dichlorodifluoromethane
Concen: 0.759 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:	85	Resp:	4031
Ion Ratio	Lower	Upper	
85	100		
87	31.0	16.2	48.6



Abundance Scan 71 (1.518 min): VU054845.D\data.ms (-62)



#3

Chloromethane

Concen: 0.837 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

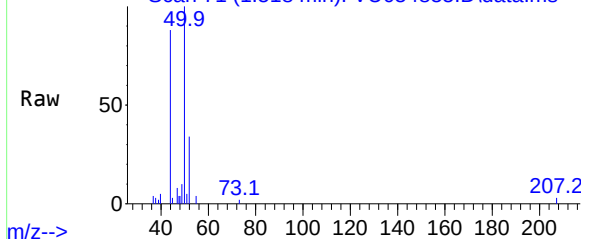
Tgt Ion: 50 Resp: 5162

Ion Ratio Lower Upper

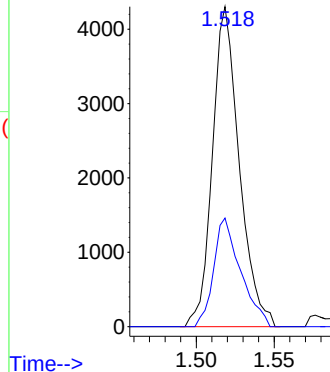
50 100

52 34.0 28.2 42.2

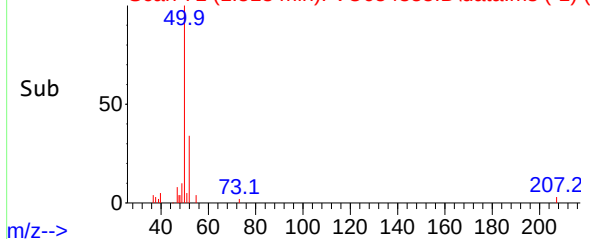
Abundance Scan 71 (1.518 min): VU054855.D\data.ms



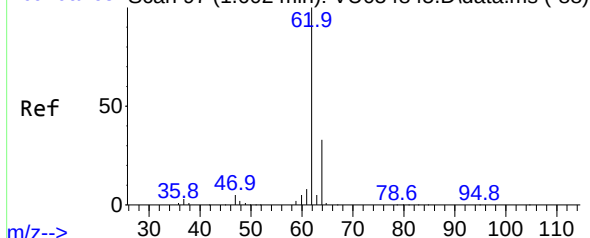
Abundance



Abundance Scan 71 (1.518 min): VU054855.D\data.ms (-1)



Abundance Scan 97 (1.602 min): VU054845.D\data.ms (-88)



#4

Vinyl Chloride

Concen: 0.778 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

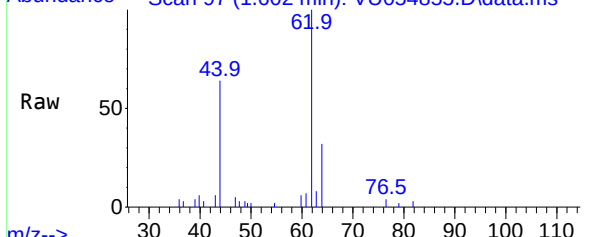
Tgt Ion: 62 Resp: 6158

Ion Ratio Lower Upper

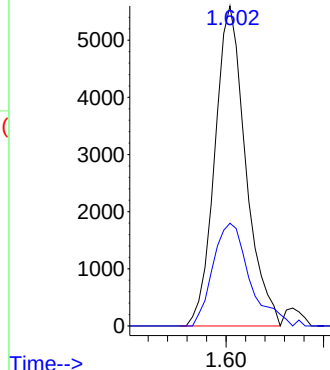
62 100

64 32.1 26.4 39.6

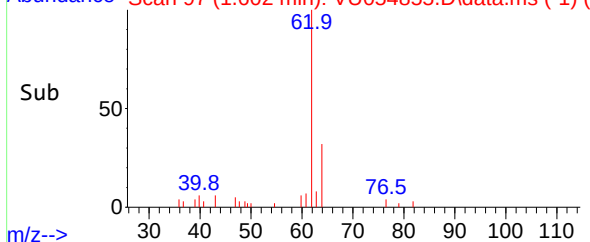
Abundance Scan 97 (1.602 min): VU054855.D\data.ms

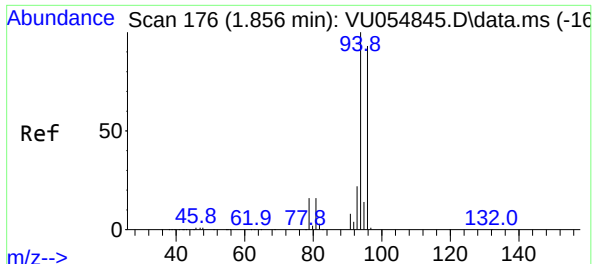


Abundance



Abundance Scan 97 (1.602 min): VU054855.D\data.ms (-1)

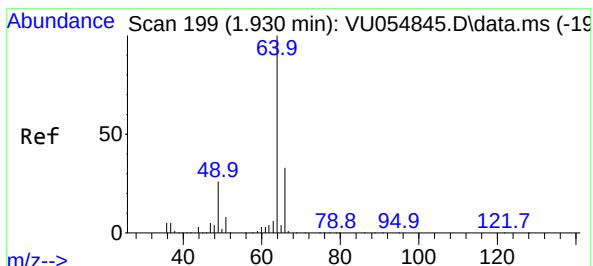
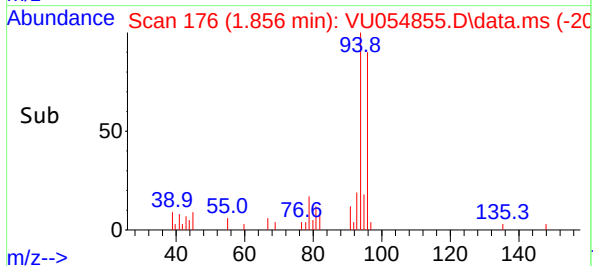
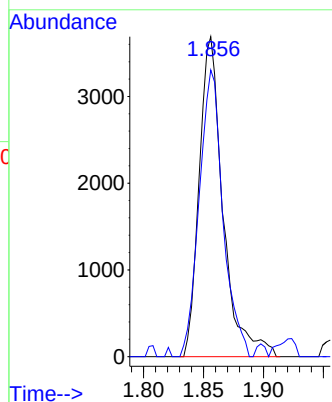
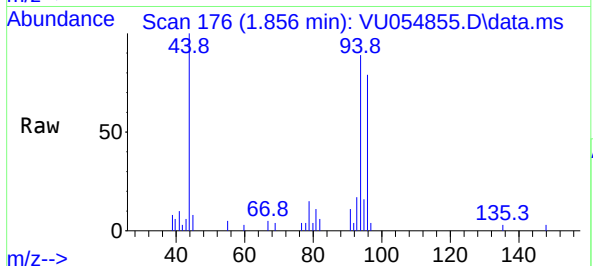




#5
Bromomethane
Concen: 0.905 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

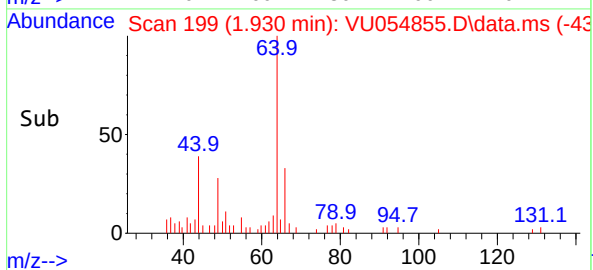
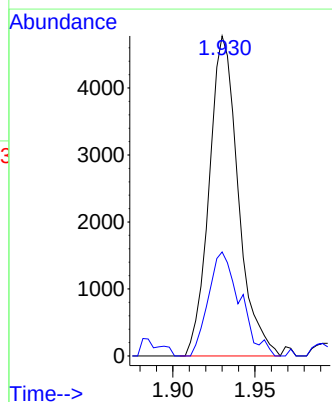
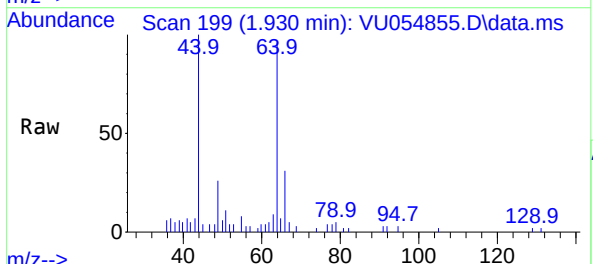
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

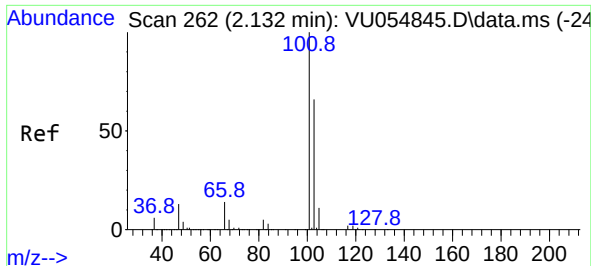
Tgt Ion: 94 Resp: 5088
Ion Ratio Lower Upper
94 100
96 89.6 74.6 111.8



#6
Chloroethane
Concen: 0.787 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 64 Resp: 5889
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

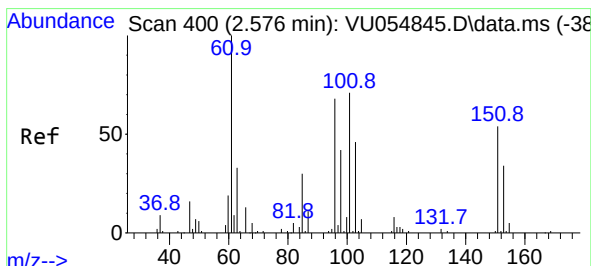
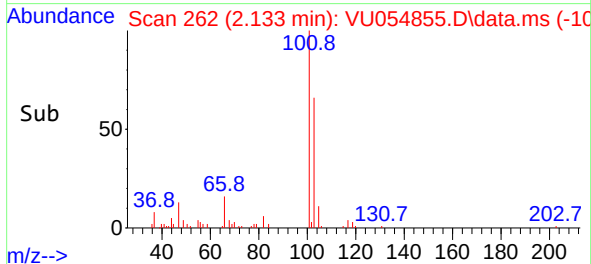
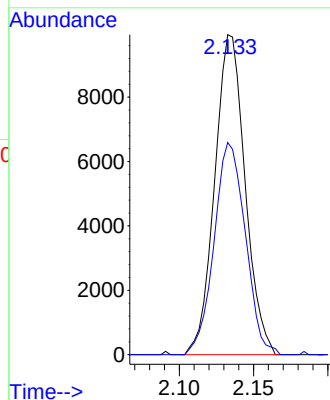
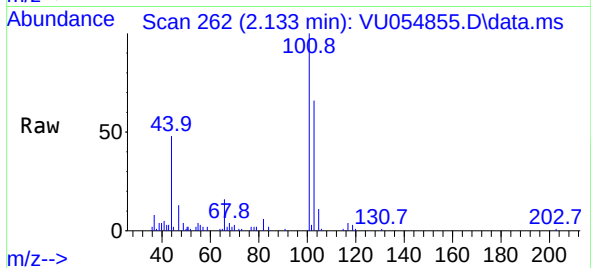




#7
Trichlorofluoromethane
Concen: 0.738 ug/l
RT: 2.133 min Scan# 201
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

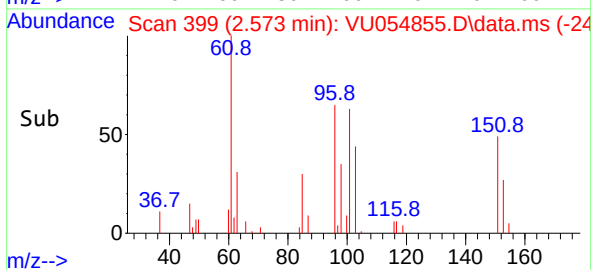
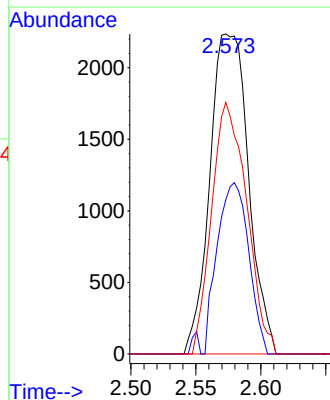
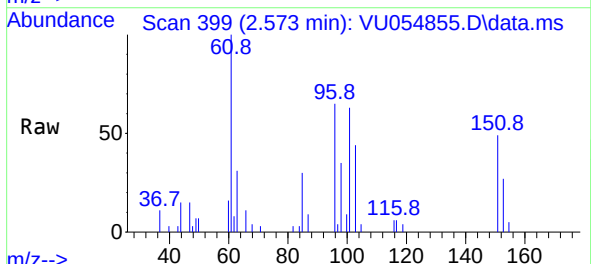
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

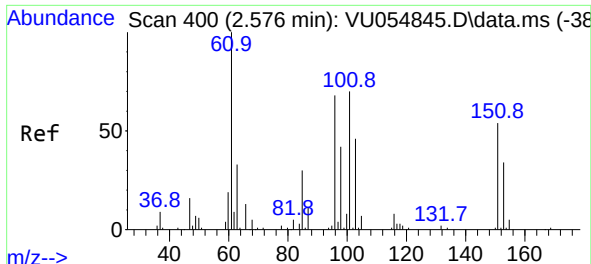
Tgt Ion:101 Resp: 14173
Ion Ratio Lower Upper
101 100
103 64.3 52.9 79.3



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.843 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:101 Resp: 4634
Ion Ratio Lower Upper
101 100
85 43.5 34.8 52.2
151 71.1 60.5 90.7

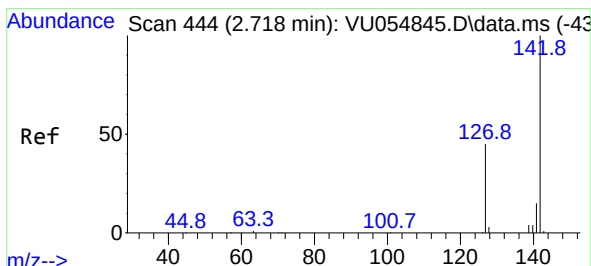
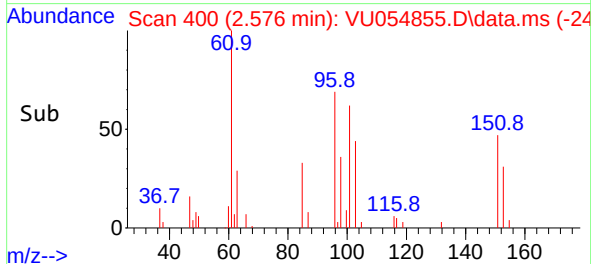
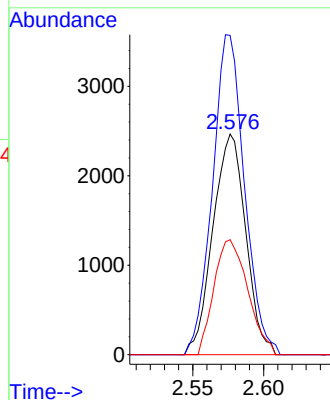
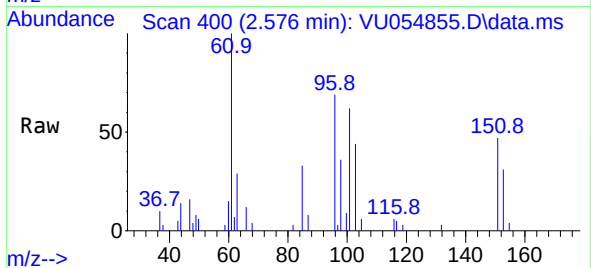




#9
1,1-Dichloroethene
Concen: 0.867 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

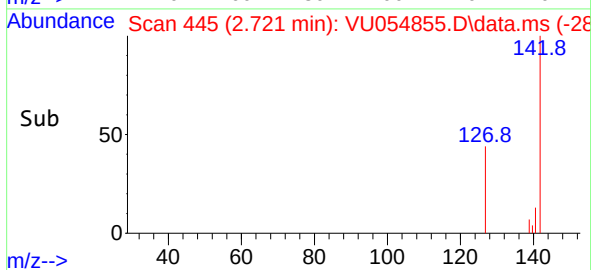
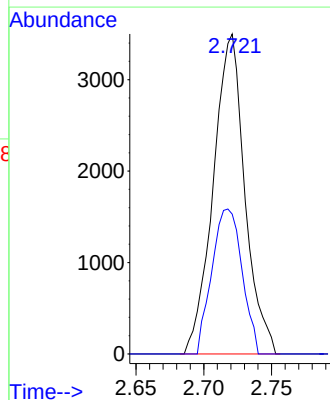
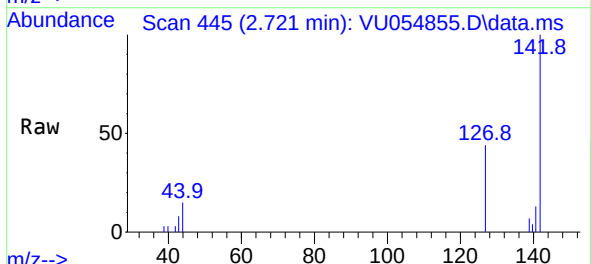
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

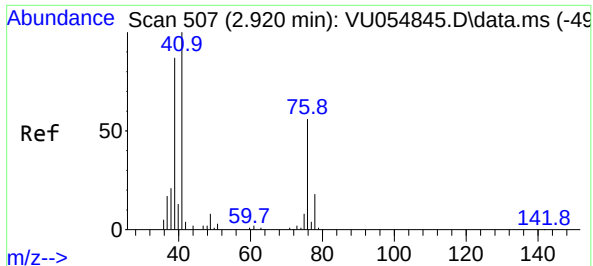
Tgt Ion: 96 Resp: 3982
Ion Ratio Lower Upper
96 100
61 144.7 0.0 440.1
98 52.2 0.0 121.8



#10
Iodomethane
Concen: 0.766 ug/l
RT: 2.721 min Scan# 445
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 142 Resp: 5670
Ion Ratio Lower Upper
142 100
127 43.1 34.3 51.5





#11

Allyl Chloride

Concen: 0.872 ug/l

RT: 2.924 min Scan# 507

Delta R.T. 0.003 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

Instrument :

MSVOA_U

ClientSampleId :

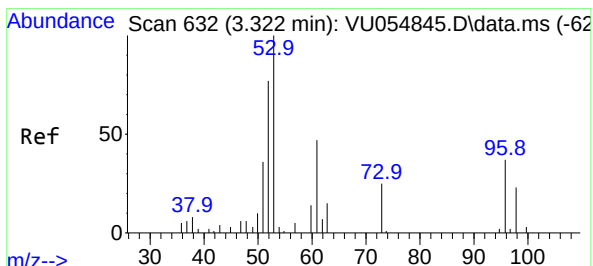
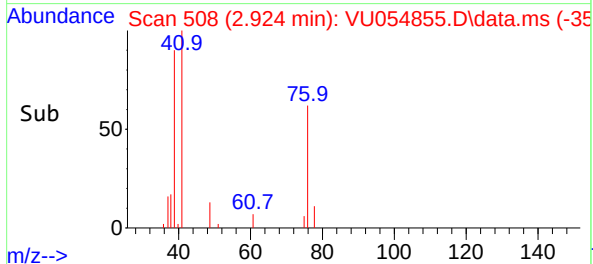
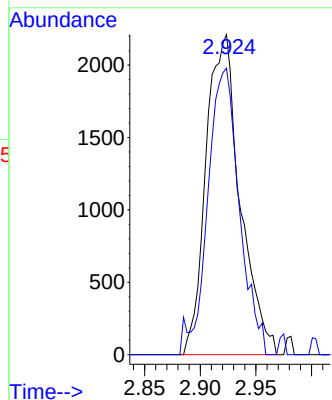
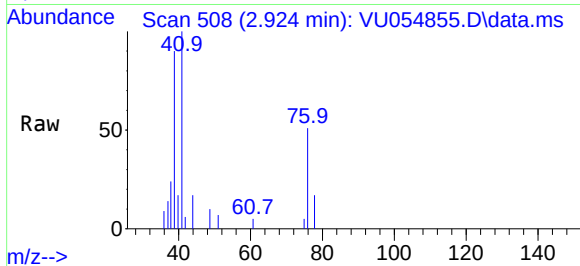
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 41 Resp: 4700

Ion Ratio Lower Upper

41 100

39 80.7 70.2 105.2



#12

Acrylonitrile

Concen: 1.194 ug/l

RT: 3.332 min Scan# 635

Delta R.T. 0.010 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

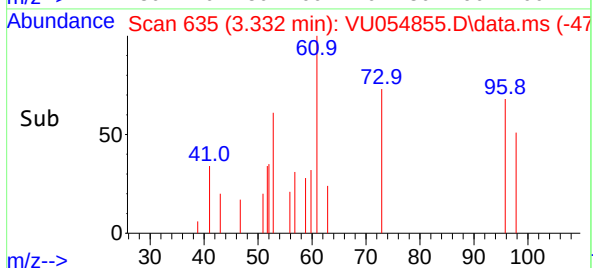
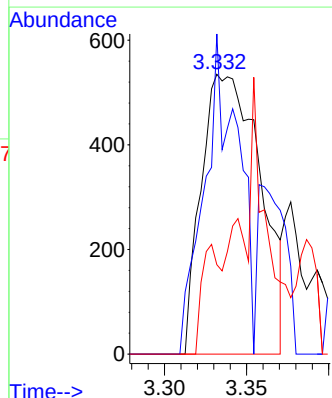
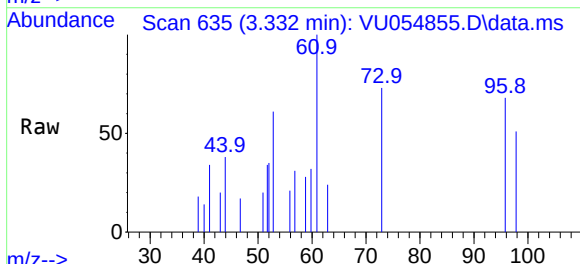
Tgt Ion: 53 Resp: 1334

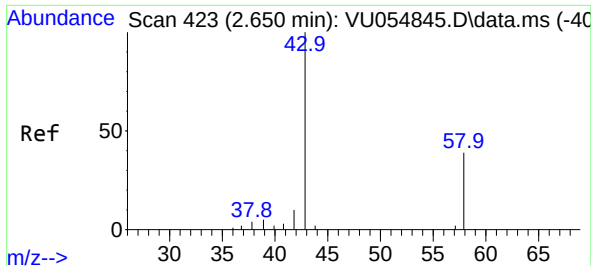
Ion Ratio Lower Upper

53 100

52 42.2 64.2 96.4#

51 12.6 33.6 50.4#





#13

Acetone

Concen: 3.918 ug/l

RT: 2.657 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

Instrument :

MSVOA_U

ClientSampleId :

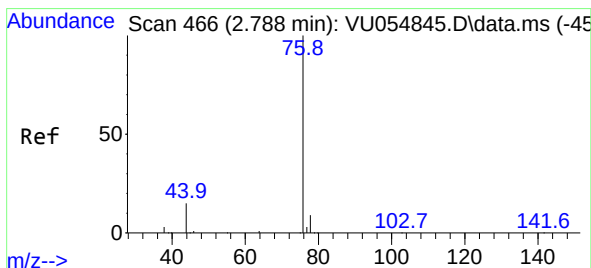
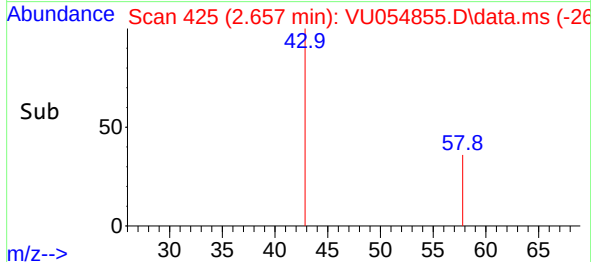
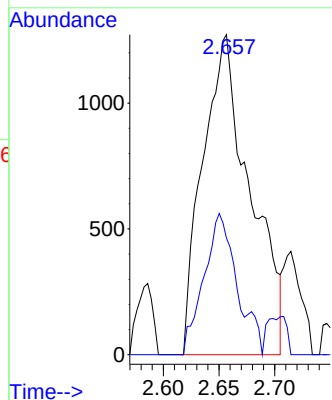
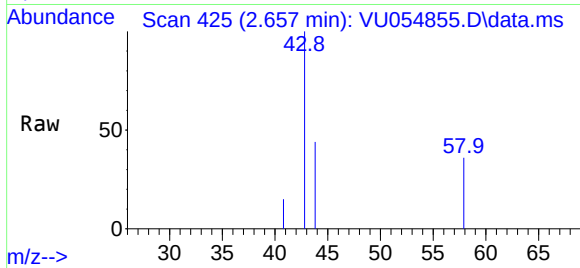
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 3753

Ion Ratio Lower Upper

43 100

58 36.5 30.7 46.1



#14

Carbon Disulfide

Concen: 0.764 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054855.D

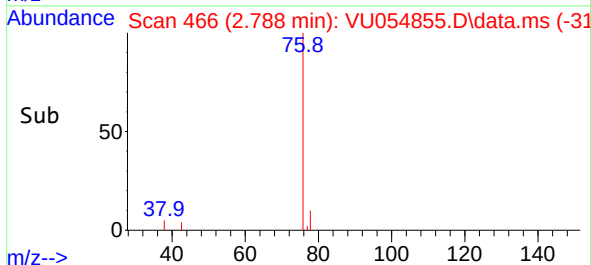
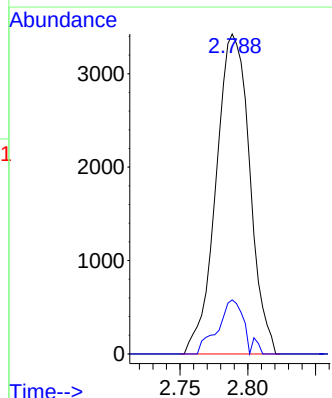
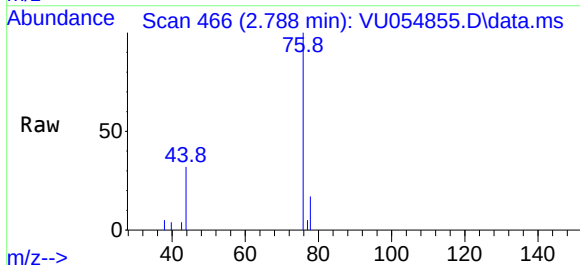
Acq: 24 Jul 2023 13:01

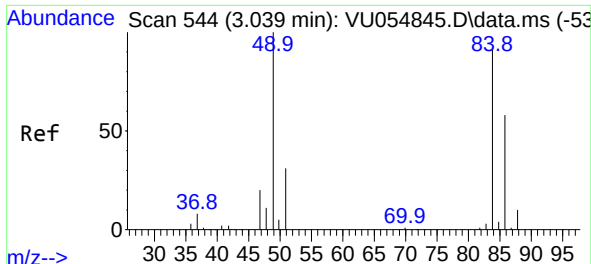
Tgt Ion: 76 Resp: 5917

Ion Ratio Lower Upper

76 100

78 16.9 7.1 10.7#



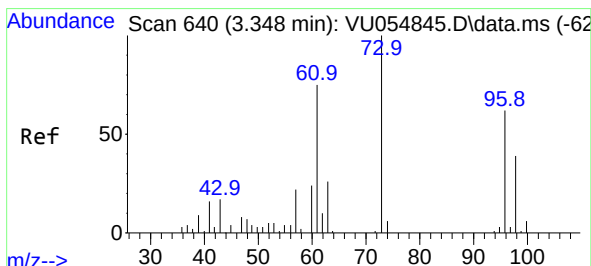
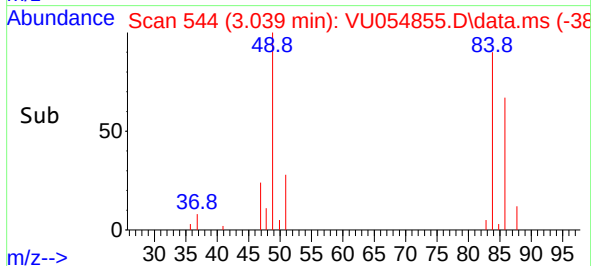
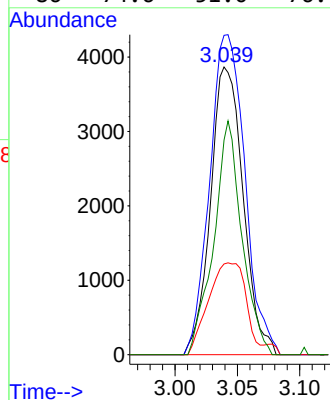
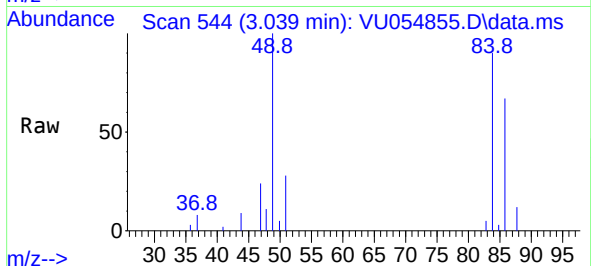


#15
Methylene Chloride
Concen: 0.481 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 84 Resp: 7052

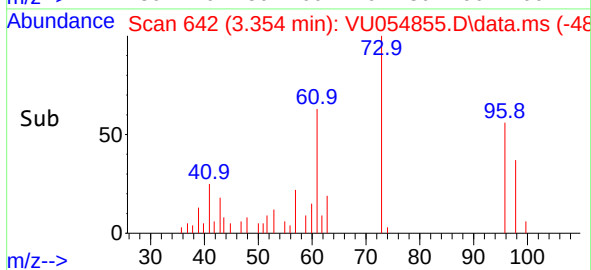
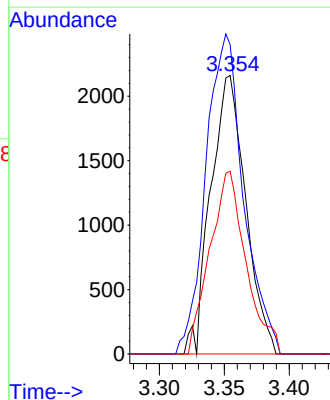
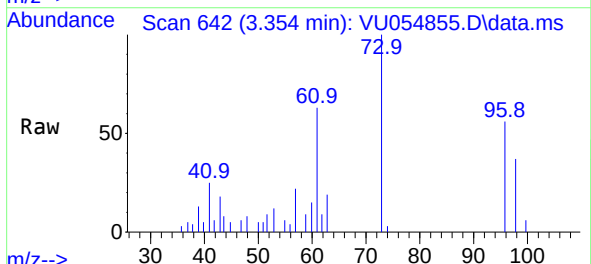
Ion	Ratio	Lower	Upper
84	100		
49	111.0	87.8	131.6
51	31.5	0.0	68.2
86	74.6	51.0	76.4

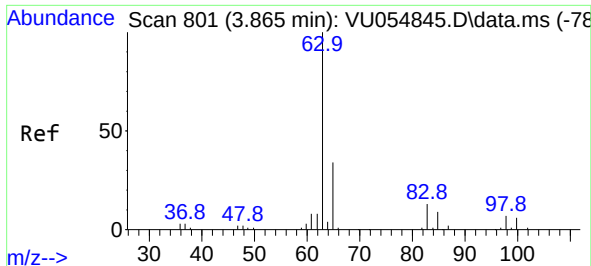


#16
trans-1,2-Dichloroethene
Concen: 0.792 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 96 Resp: 4044

Ion	Ratio	Lower	Upper
96	100		
61	111.1	96.4	144.6
98	65.6	49.3	73.9

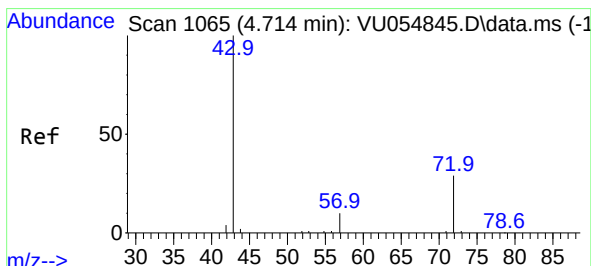
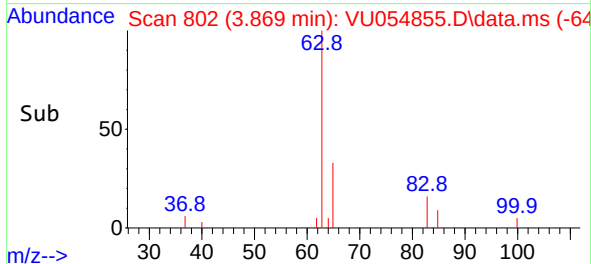
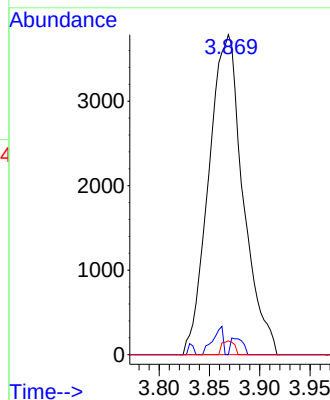
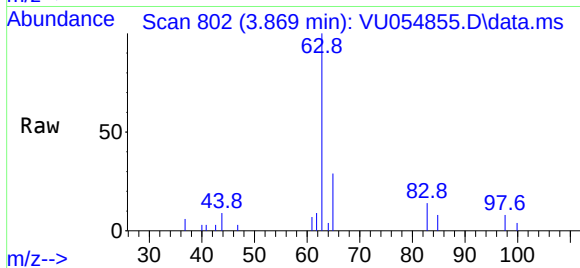




#17
1,1-Dichloroethane
Concen: 0.833 ug/l
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

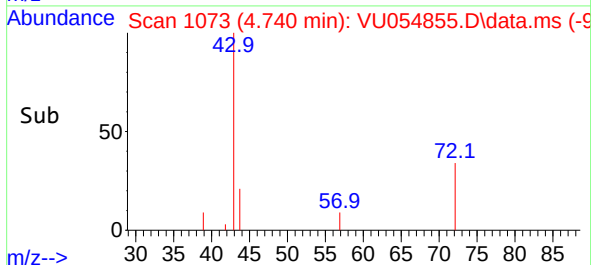
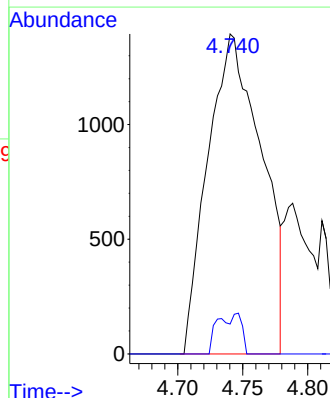
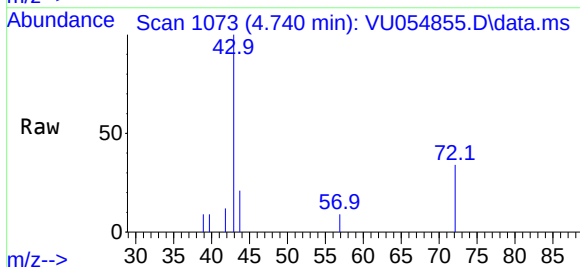
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

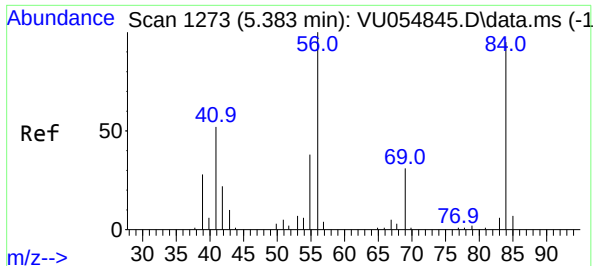
Tgt Ion: 63 Resp: 8994
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 4.3 2.8 8.4



#18
2-Butanone
Concen: 2.861 ug/l
RT: 4.740 min Scan# 1073
Delta R.T. 0.026 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 43 Resp: 4009
Ion Ratio Lower Upper
43 100
57 7.7 0.0 20.8





#19

Cyclohexane

Concen: 0.812 ug/l

RT: 5.383 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

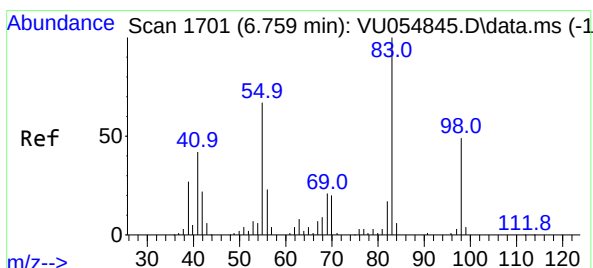
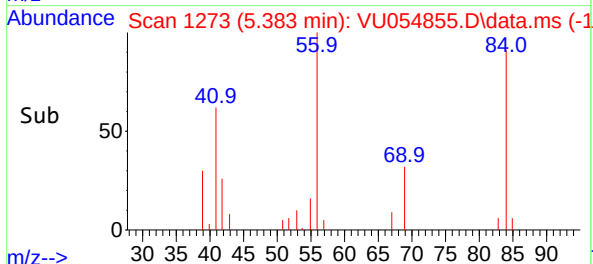
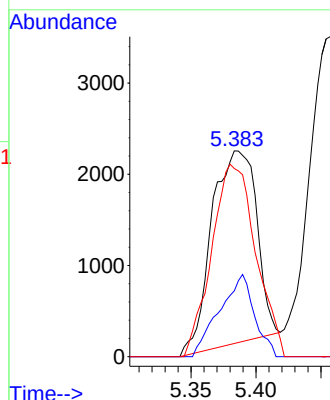
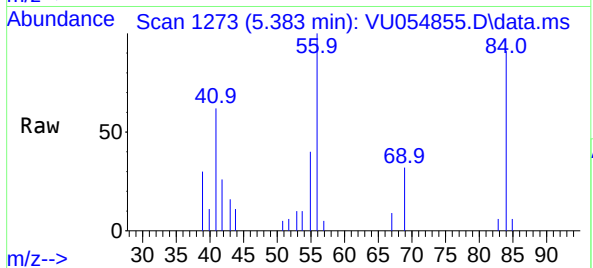
Tgt Ion: 56 Resp: 5078

Ion Ratio Lower Upper

56 100

69 33.0 24.7 37.1

84 98.0 76.5 114.7



#20

Methylcyclohexane

Concen: 0.812 ug/l

RT: 6.763 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

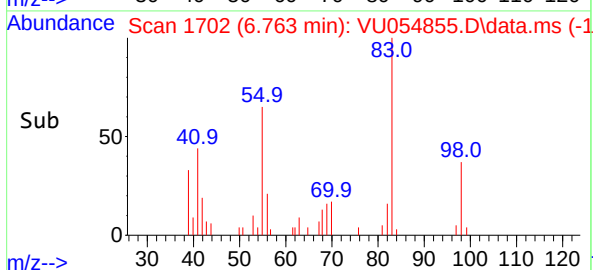
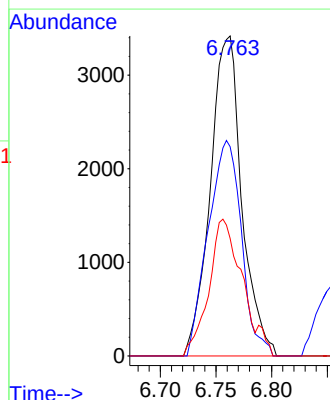
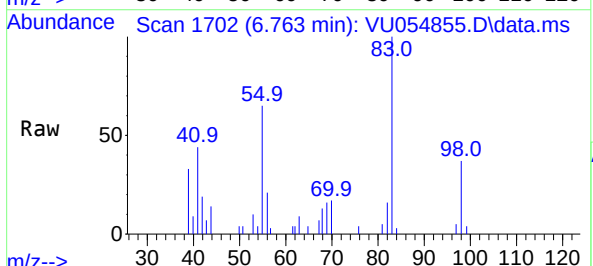
Tgt Ion: 83 Resp: 6742

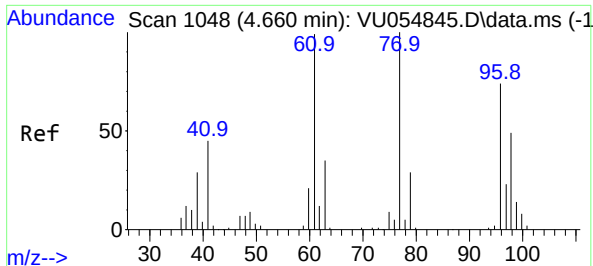
Ion Ratio Lower Upper

83 100

55 71.1 51.6 77.4

98 45.4 38.2 57.2

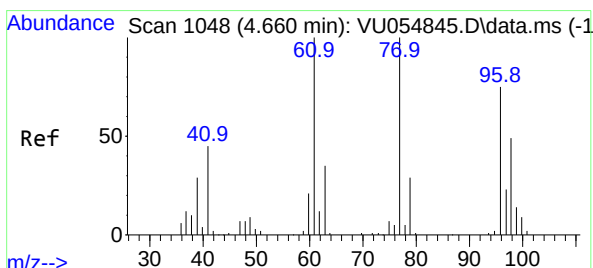
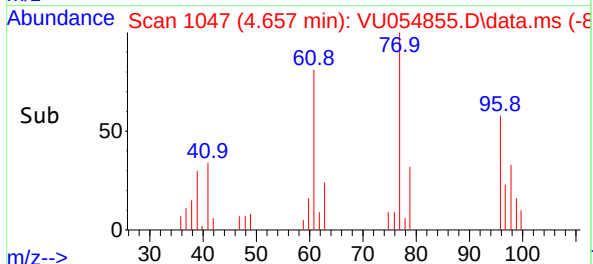
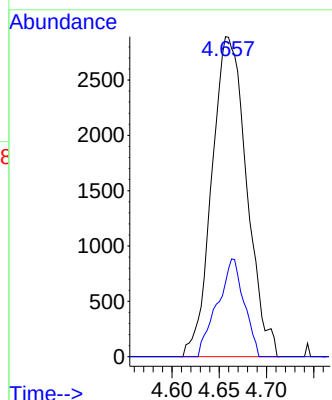
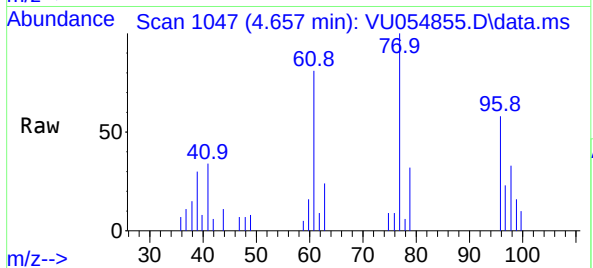




#21
2,2-Dichloropropane
Concen: 0.786 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

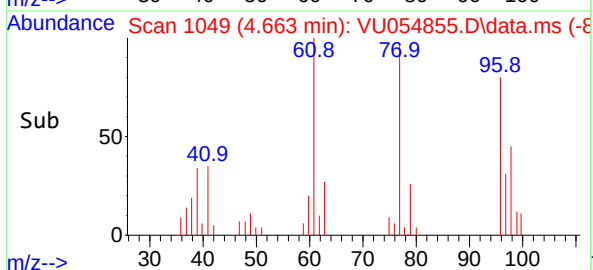
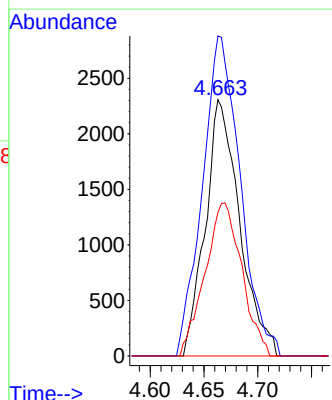
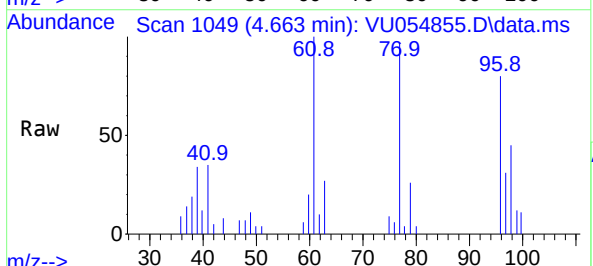
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

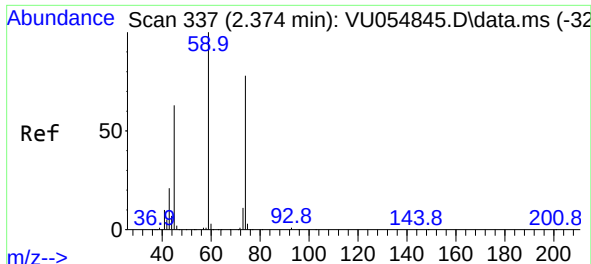
Tgt Ion: 77 Resp: 7402
Ion Ratio Lower Upper
77 100
97 23.3 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 0.792 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 96 Resp: 5119
Ion Ratio Lower Upper
96 100
61 137.6 0.0 332.0
98 64.0 32.5 97.5

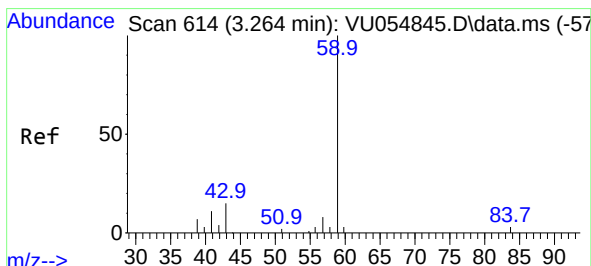
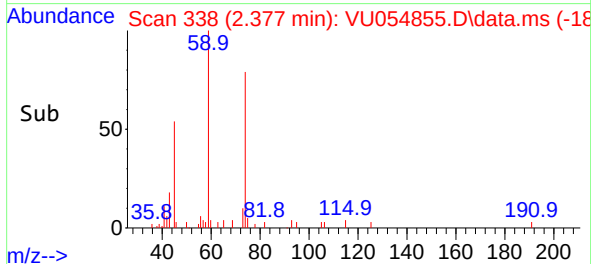
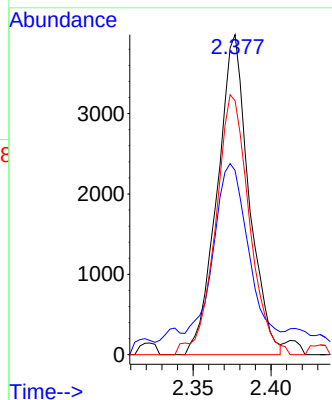
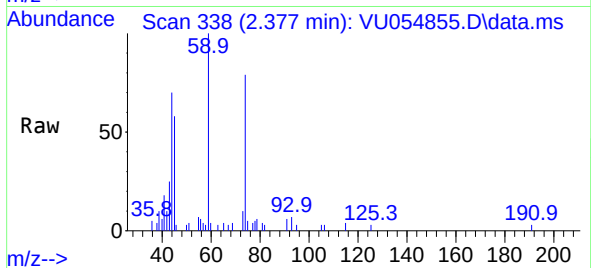




#23
Diethyl Ether
Concen: 0.796 ug/l
RT: 2.377 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

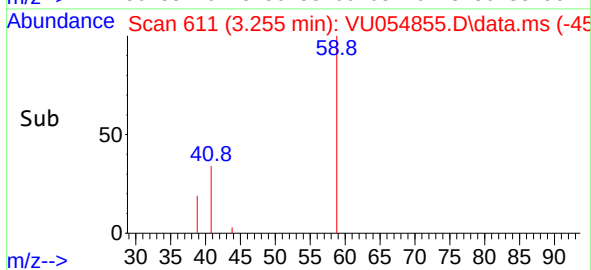
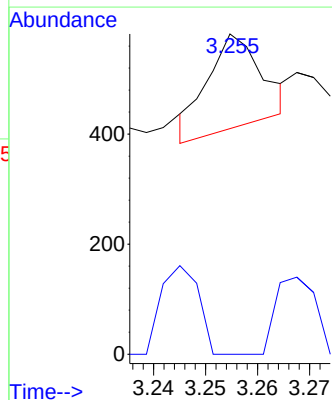
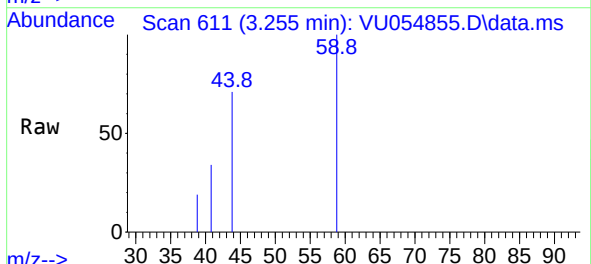
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

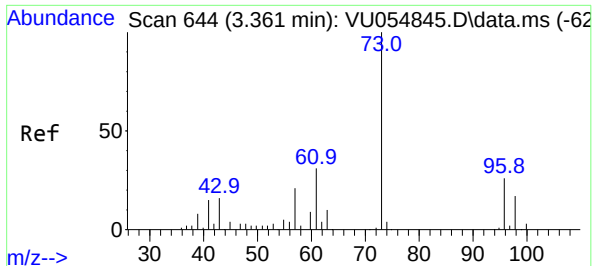
Tgt Ion: 59 Resp: 5616
Ion Ratio Lower Upper
59 100
45 59.3 51.4 77.0
74 86.6 63.1 94.7



#24
tert-Butyl Alcohol
Concen: 0.206 ug/l
RT: 3.255 min Scan# 611
Delta R.T. -0.009 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#

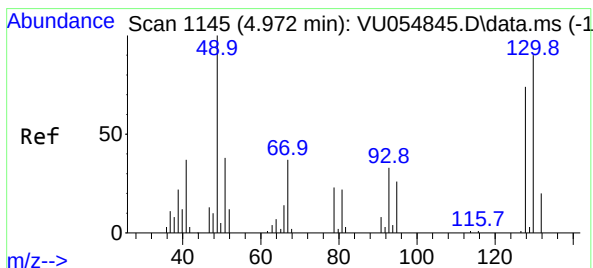
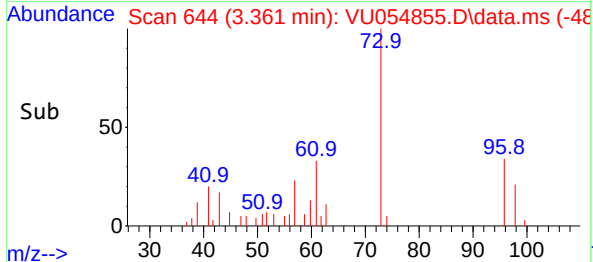
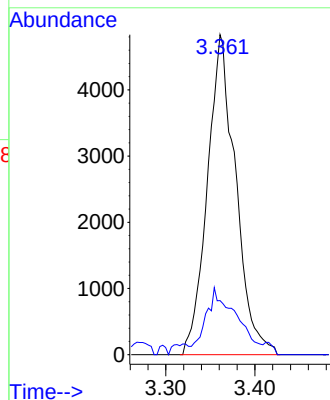
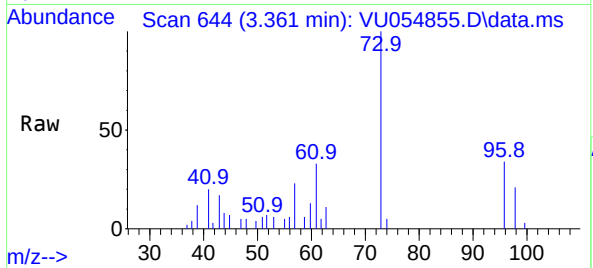




#25
Methyl tert-Butyl Ether
Concen: 0.762 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

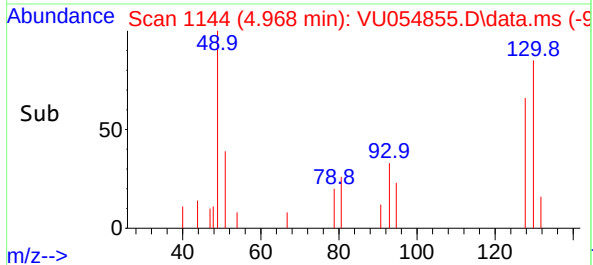
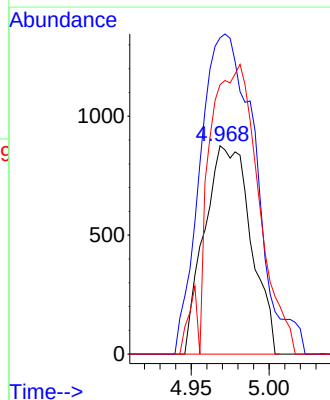
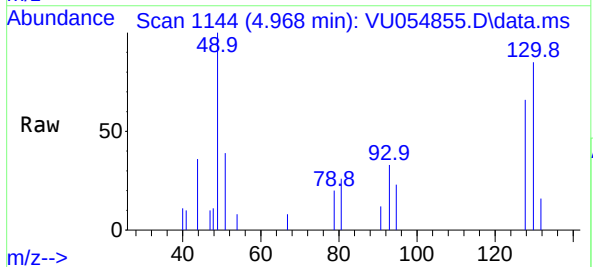
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

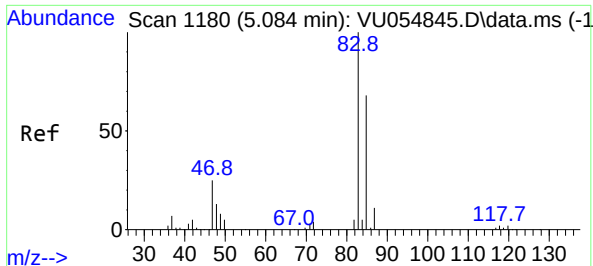
Tgt Ion: 73 Resp: 10676
Ion Ratio Lower Upper
73 100
43 17.7 14.6 22.0



#26
Bromochloromethane
Concen: 0.736 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 128 Resp: 1814
Ion Ratio Lower Upper
128 100
49 182.8 0.0 304.0
130 149.4 104.3 156.5

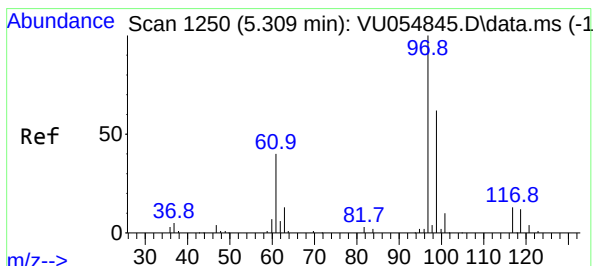
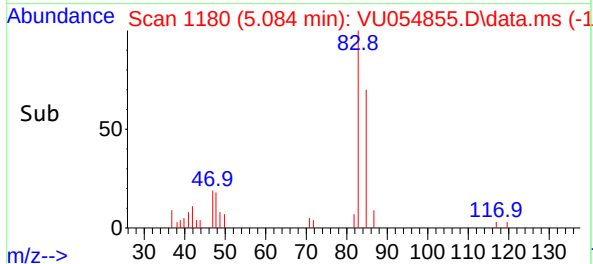
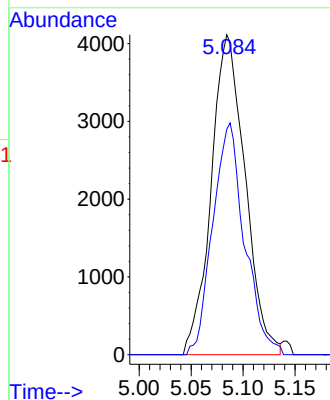
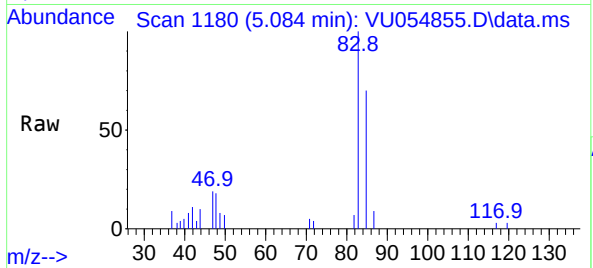




#27
Chloroform
Concen: 0.788 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

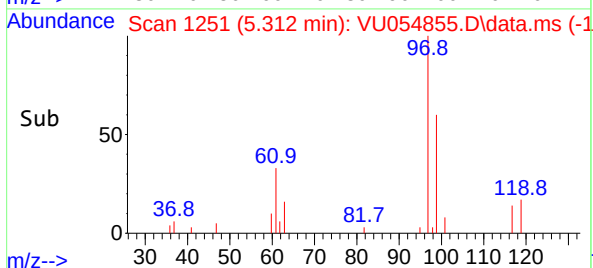
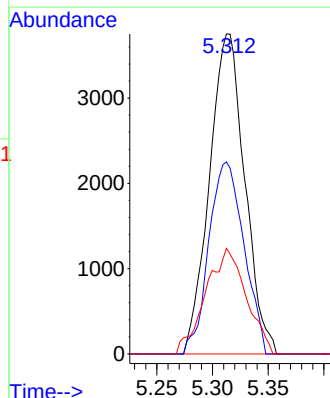
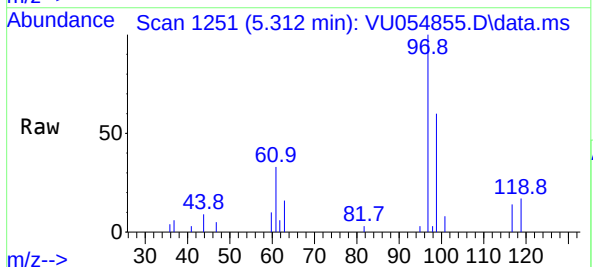
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

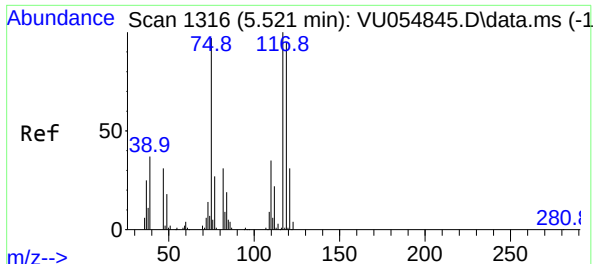
Tgt Ion: 83 Resp: 9353
Ion Ratio Lower Upper
83 100
85 70.5 0.0 135.2



#28
1,1,1-Trichloroethane
Concen: 0.831 ug/l
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 97 Resp: 8286
Ion Ratio Lower Upper
97 100
99 59.6 32.0 96.2
61 37.8 21.0 63.0

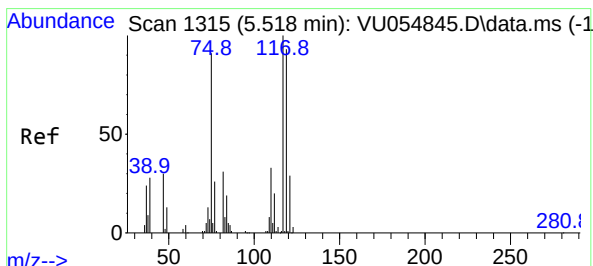
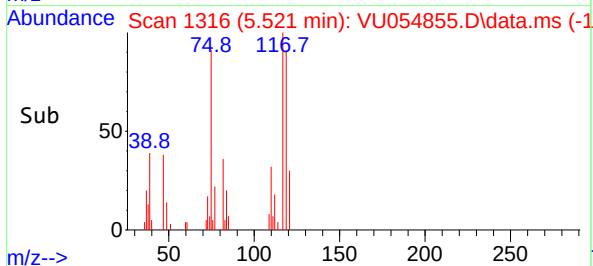
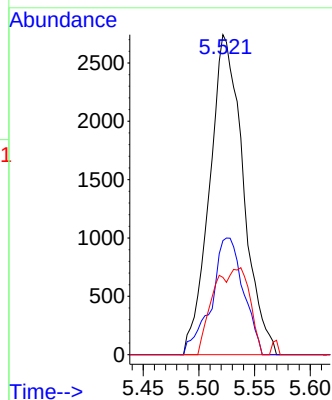
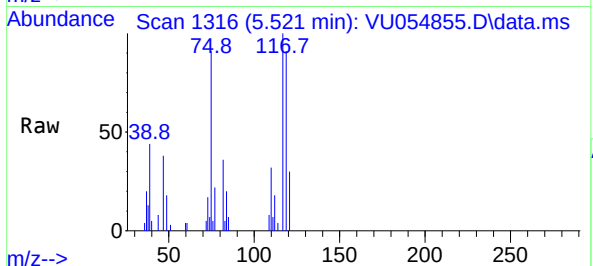




#29
1,1-Dichloropropene
Concen: 0.809 ug/l
RT: 5.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

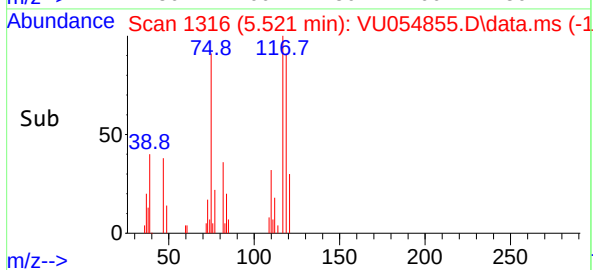
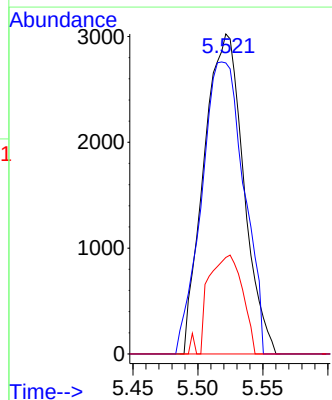
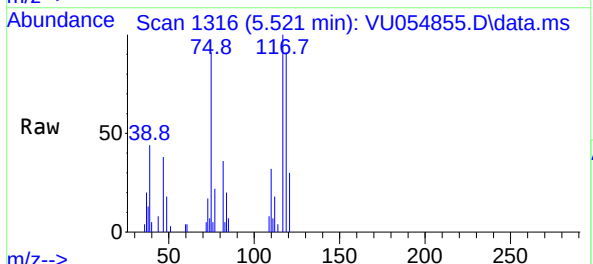
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

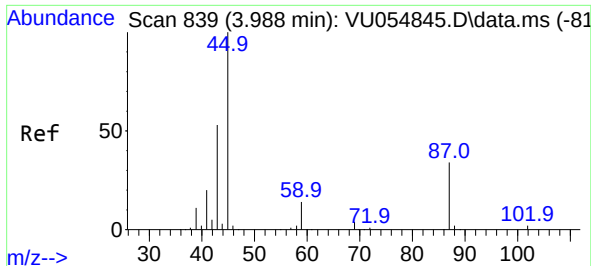
Tgt Ion:	75	Resp:	5737
Ion	Ratio	Lower	Upper
75	100		
110	34.9	18.5	55.5
77	29.5	24.9	37.3



#30
Carbon Tetrachloride
Concen: 0.773 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:	117	Resp:	6404
Ion	Ratio	Lower	Upper
117	100		
119	90.9	75.6	113.4
121	30.2	23.4	35.0

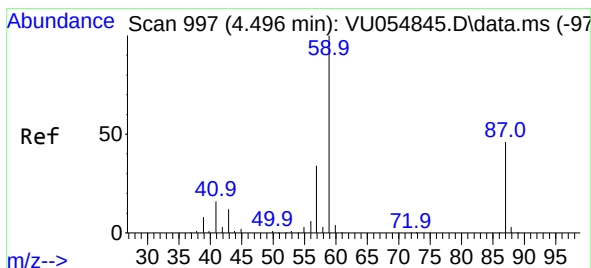
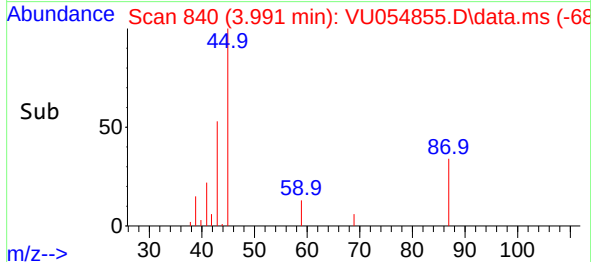
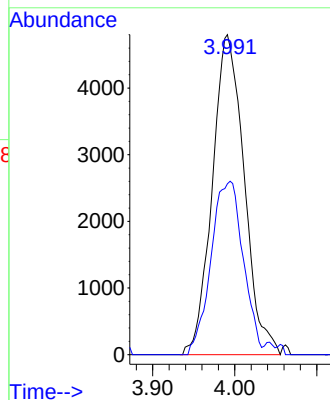
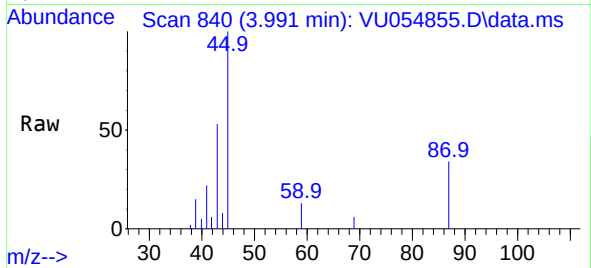




#31
Isopropyl Ether
Concen: 0.810 ug/l
RT: 3.991 min Scan# 84
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

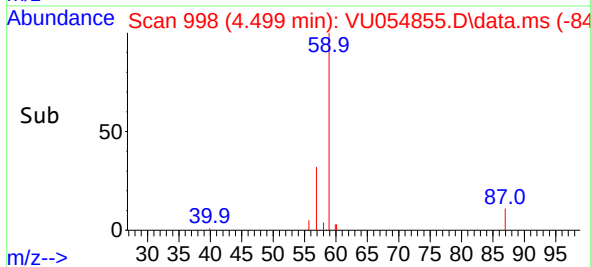
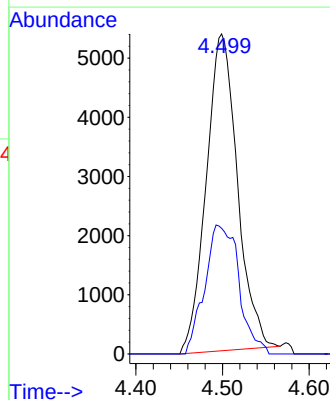
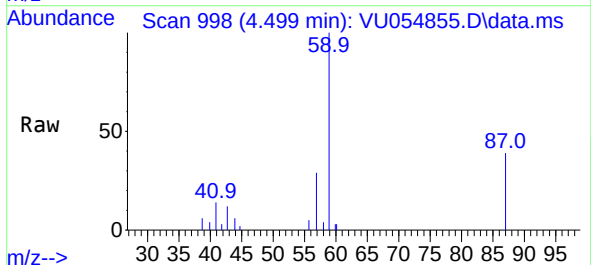
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

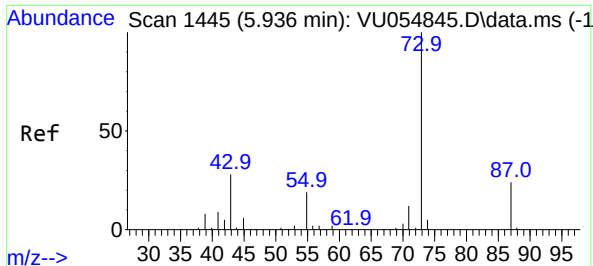
Tgt Ion: 45 Resp: 12952
Ion Ratio Lower Upper
45 100
43 54.8 26.4 79.2



#32
Ethyl-t-butyl ether
Concen: 0.816 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 59 Resp: 13406
Ion Ratio Lower Upper
59 100
87 44.5 35.7 53.5

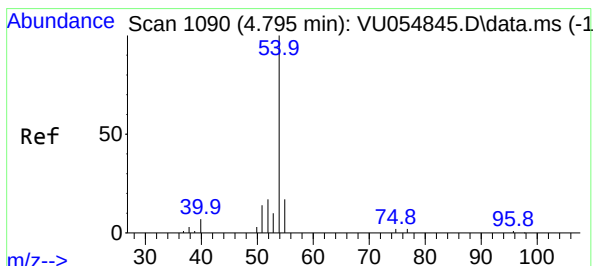
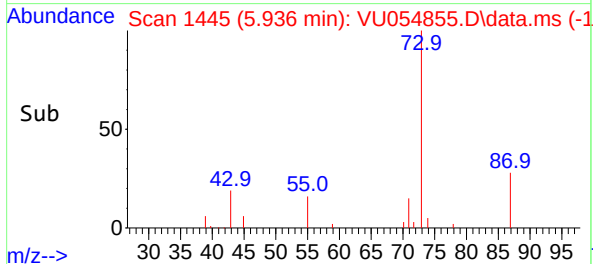
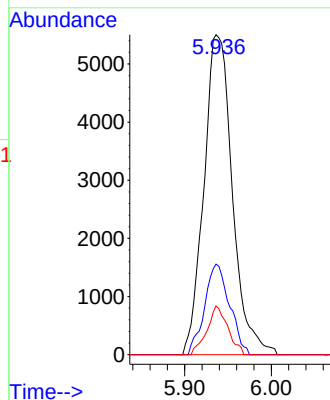
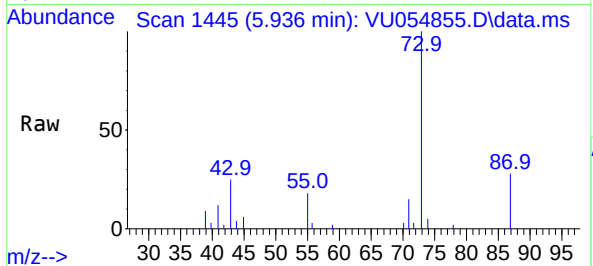




#33
Tert-Amyl methyl ether
Concen: 0.815 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

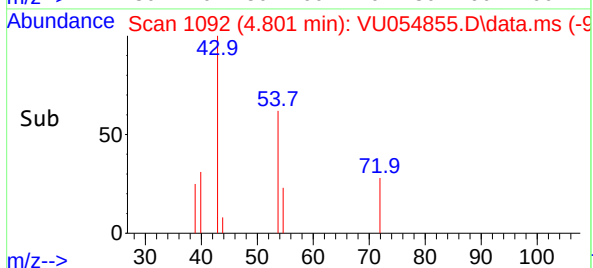
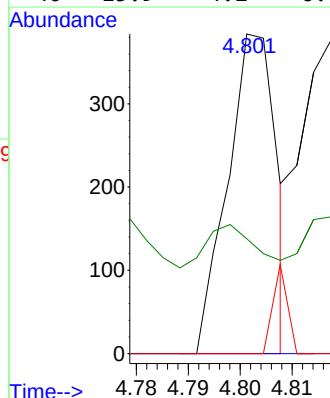
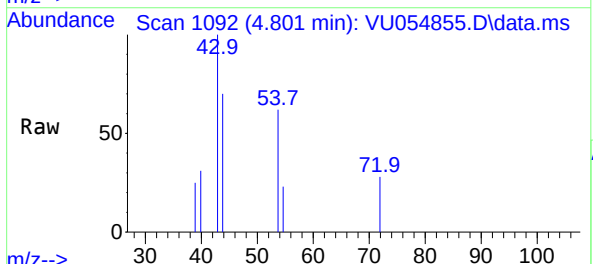
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

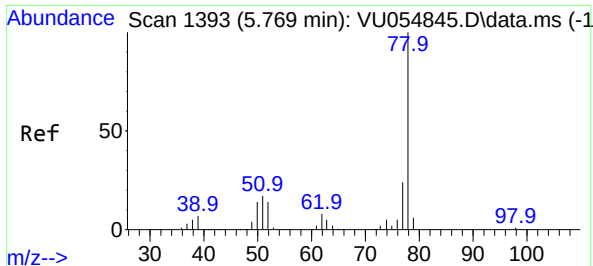
Tgt Ion: 73	Resp:	12591
Ion	Ratio	Lower Upper
73	100	
87	24.8	19.6 29.4
71	11.2	9.1 13.7



#34
Propionitrile
Concen: 0.601 ug/l
RT: 4.801 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 54	Resp:	252
Ion	Ratio	Lower Upper
54	100	
52	0.0	13.8 20.8#
55	0.0	4.8 7.2#
40	15.9	4.2 6.4#

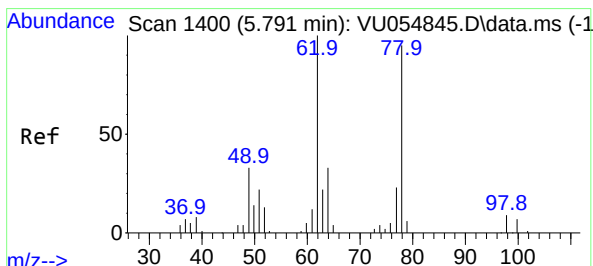
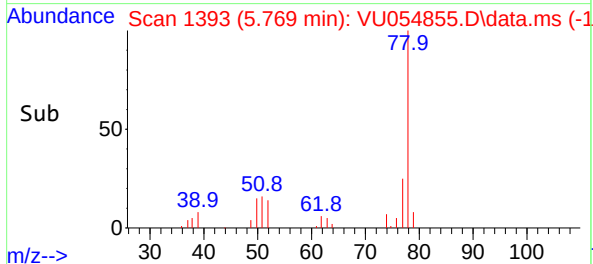
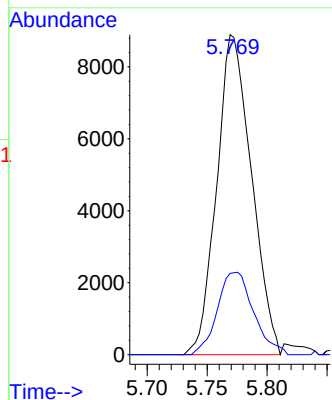
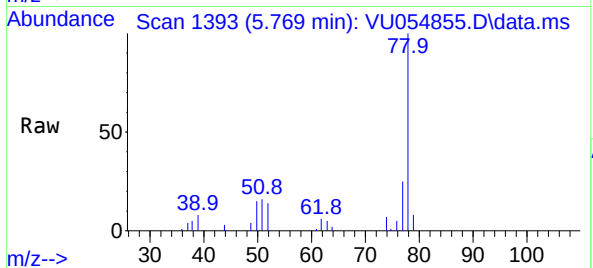




#35
Benzene
Concen: 0.777 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

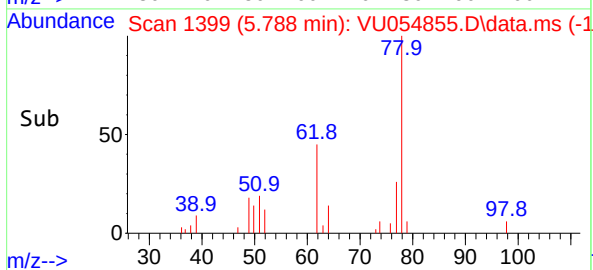
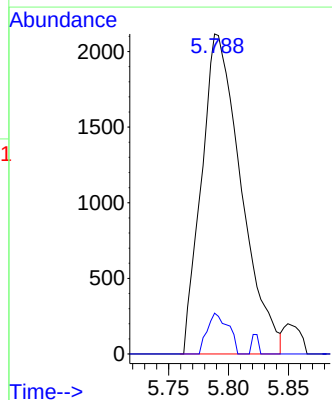
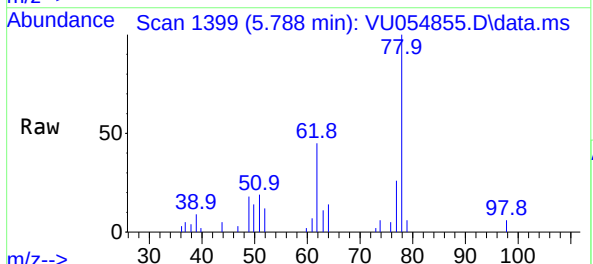
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

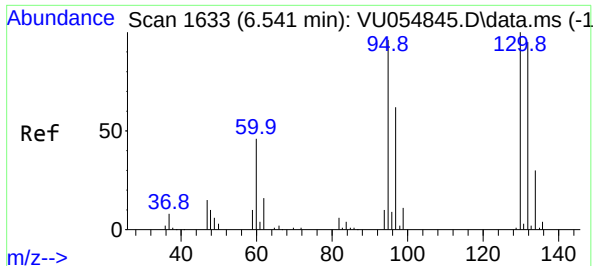
Tgt Ion: 78 Resp: 17919
Ion Ratio Lower Upper
78 100
77 25.4 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.733 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 62 Resp: 4853
Ion Ratio Lower Upper
62 100
98 6.8 7.8 11.8#

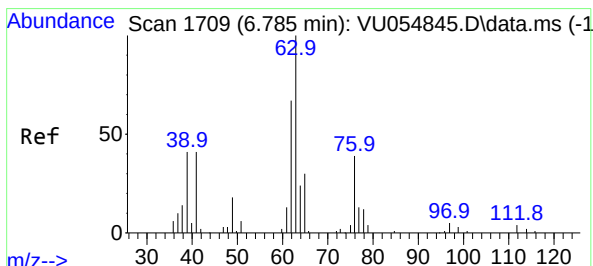
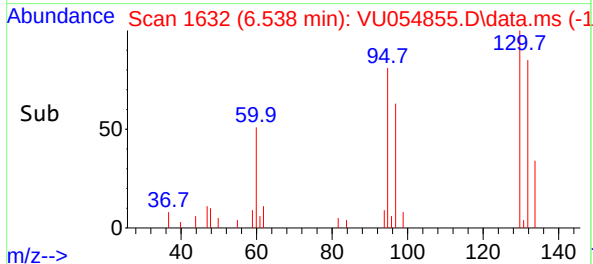
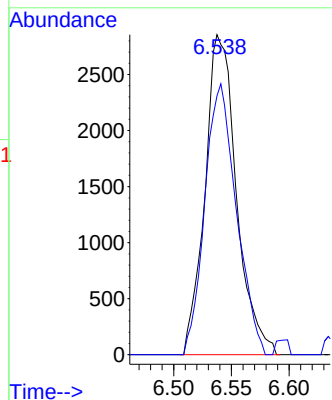
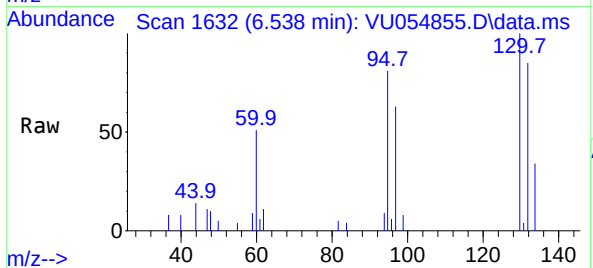




#37
Trichloroethene
Concen: 0.870 ug/l
RT: 6.538 min Scan# 1710
Delta R.T. -0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

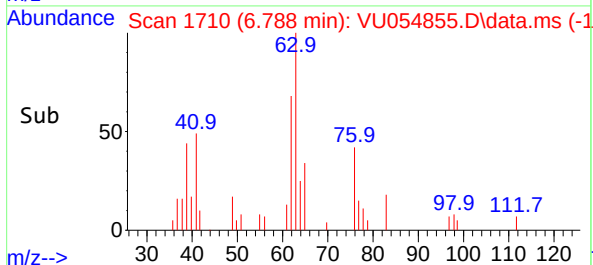
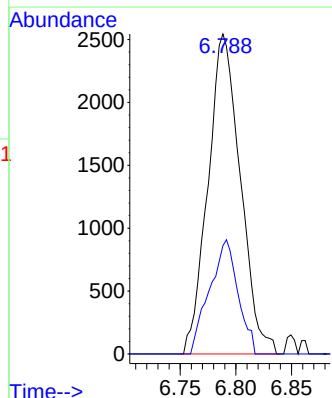
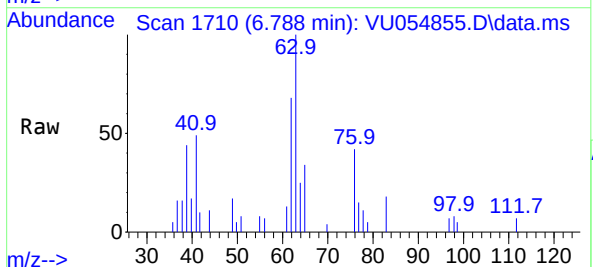
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

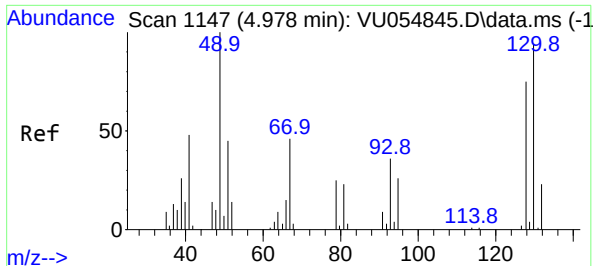
Tgt Ion:130 Resp: 5420
Ion Ratio Lower Upper
130 100
95 80.9 76.8 115.2



#38
1,2-Dichloropropane
Concen: 0.773 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 63 Resp: 5145
Ion Ratio Lower Upper
63 100
65 33.8 24.3 36.5





#39

Methacrylonitrile

Concen: 0.635 ug/l

RT: 4.988 min Scan# 1147

Delta R.T. 0.010 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 41 Resp: 948

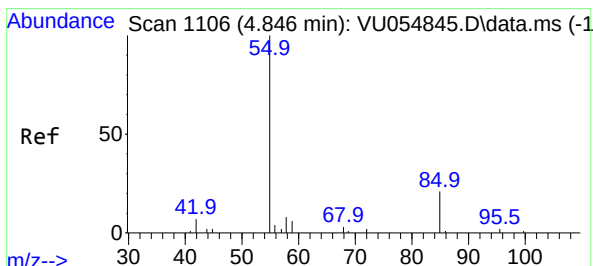
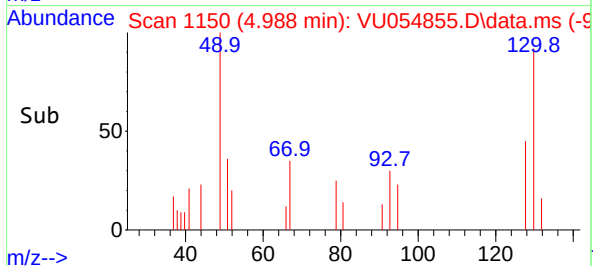
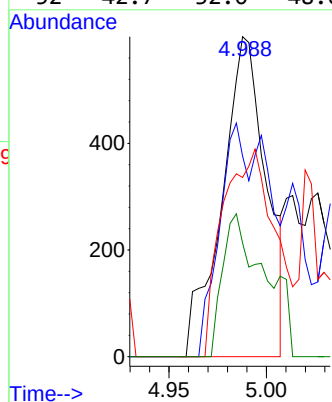
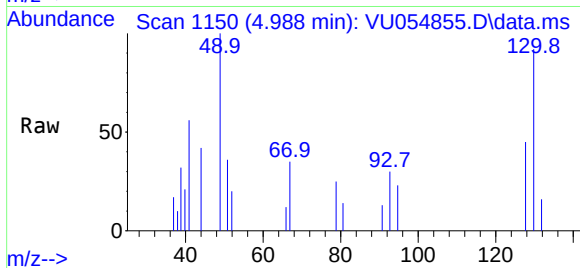
Ion Ratio Lower Upper

41 100

67 47.0 77.0 115.4#

39 77.2 50.4 75.6#

52 42.7 32.0 48.0



#40

Methyl acrylate

Concen: 0.653 ug/l

RT: 4.872 min Scan# 1114

Delta R.T. 0.026 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

Tgt Ion: 55 Resp: 1662

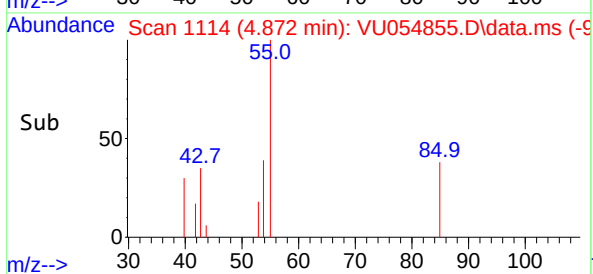
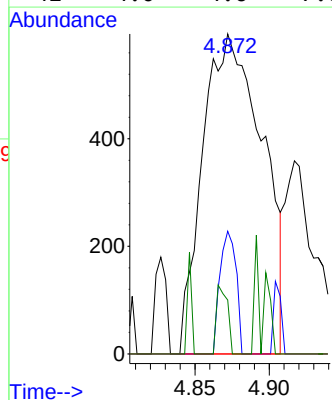
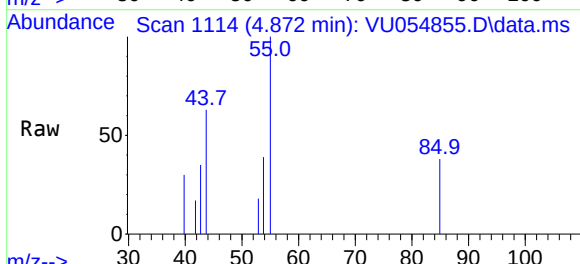
Ion Ratio Lower Upper

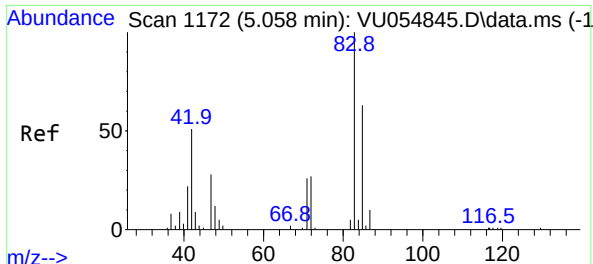
55 100

85 0.0 13.0 19.6#

58 0.0 5.7 8.5#

42 4.0 4.6 7.0#

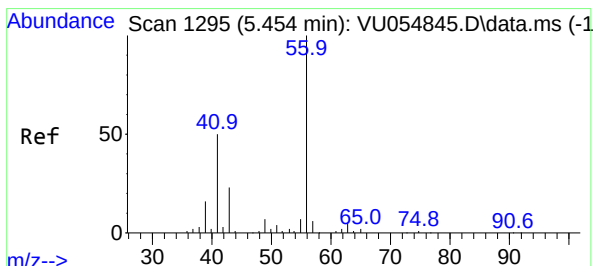
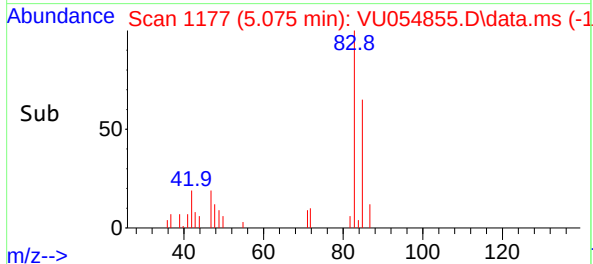
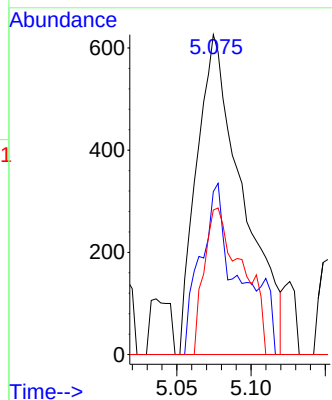
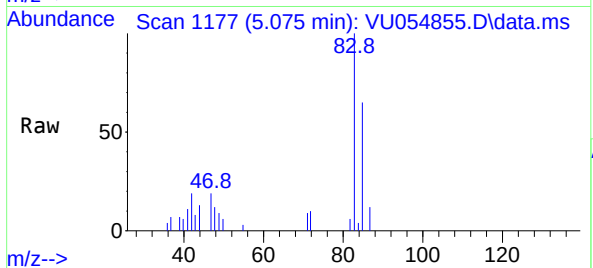




#41
Tetrahydrofuran
Concen: 1.527 ug/l
RT: 5.075 min Scan# 1172
Delta R.T. 0.017 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

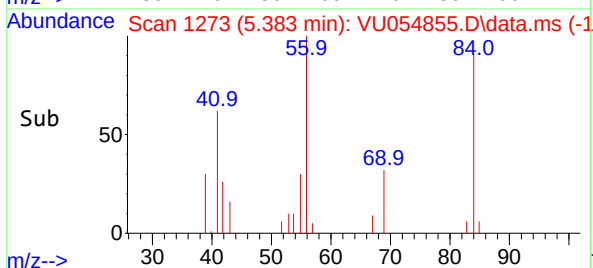
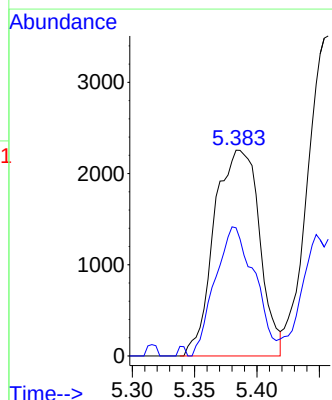
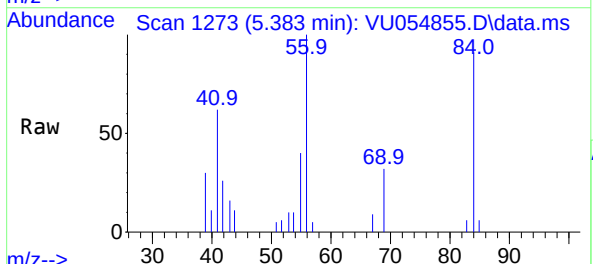
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

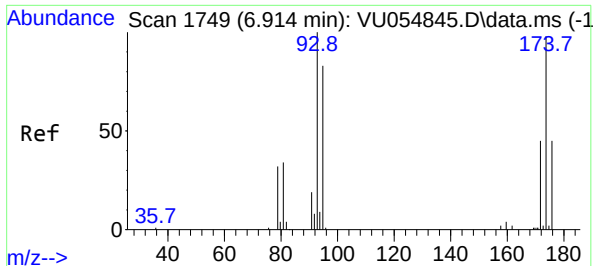
Tgt Ion: 42 Resp: 1347
Ion Ratio Lower Upper
42 100
72 39.7 42.1 63.1#
71 38.0 39.7 59.5#



#42
1-Chlorobutane
Concen: 0.594 ug/l
RT: 5.383 min Scan# 1273
Delta R.T. -0.071 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 56 Resp: 5696
Ion Ratio Lower Upper
56 100
41 55.1 23.9 71.7

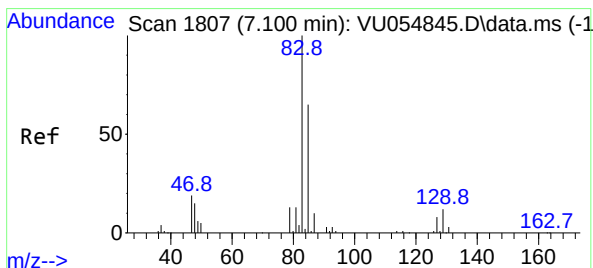
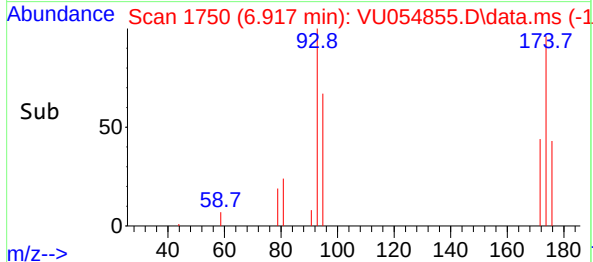
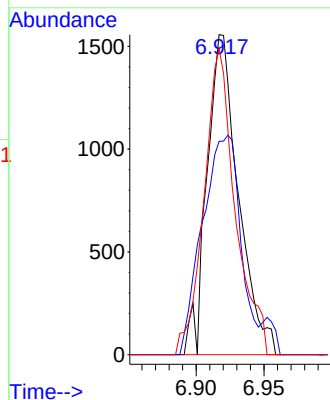
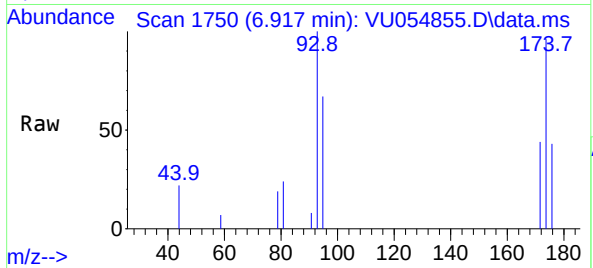




#43
Dibromomethane
Concen: 0.809 ug/l
RT: 6.917 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

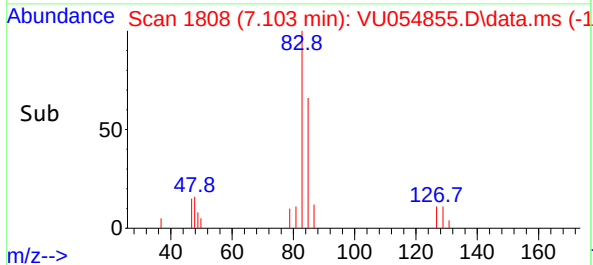
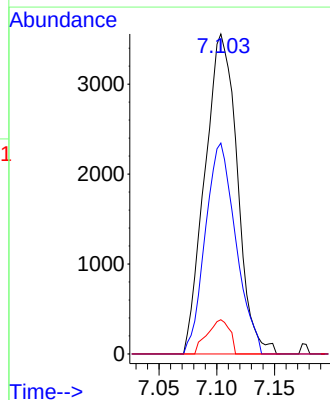
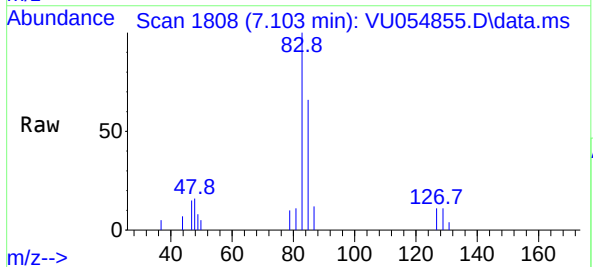
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

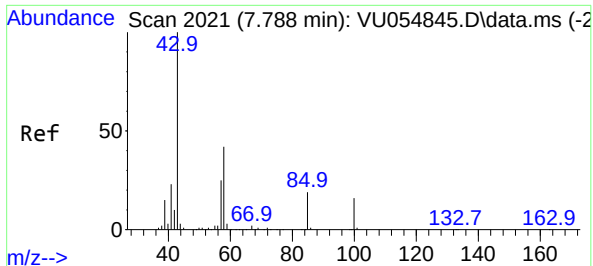
Tgt Ion:	93	Resp:	2506
Ion	Ratio	Lower	Upper
93	100		
95	83.3	64.7	97.1
174	94.8	74.4	111.6



#44
Bromodichloromethane
Concen: 0.818 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:	83	Resp:	6934
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.2	78.2
127	10.7	6.1	9.1#





#45

4-Methyl-2-Pentanone

Concen: 3.936 ug/l

RT: 7.791 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

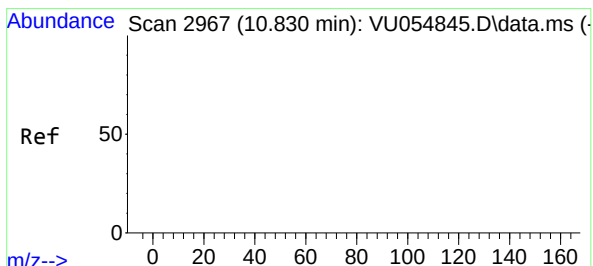
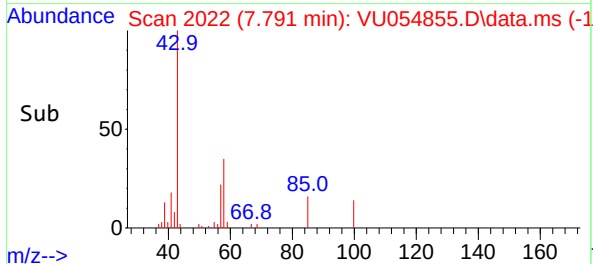
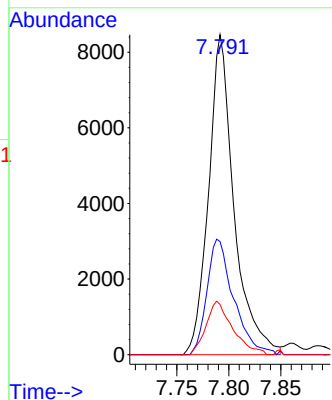
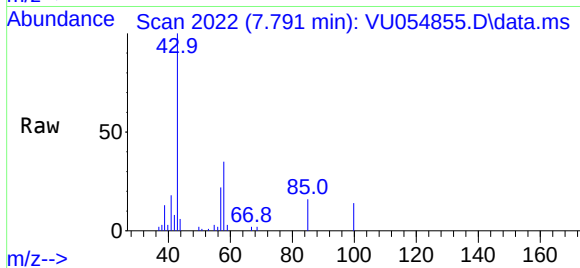
Tgt Ion: 43 Resp: 14422

Ion Ratio Lower Upper

43 100

58 37.9 21.3 63.7

85 17.5 15.3 22.9



#46

t-1,4-Dichloro-2-butene

Concen: 1.655 ug/l

RT: 10.820 min Scan# 2964

Delta R.T. -0.010 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

Tgt Ion: 75 Resp: 2538

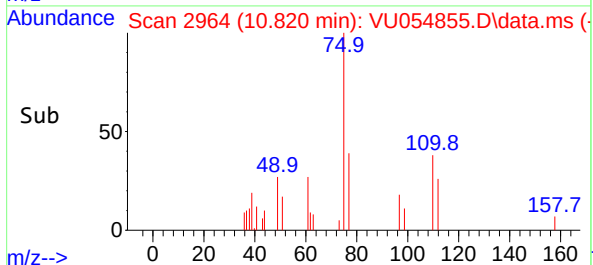
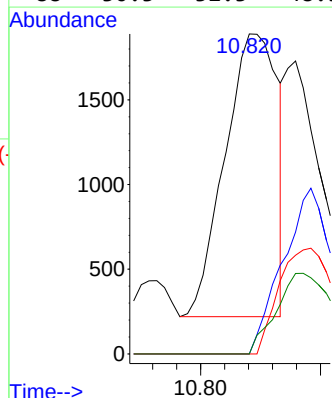
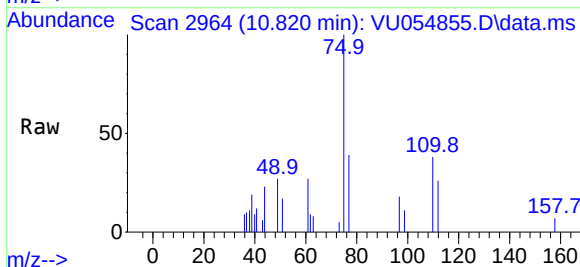
Ion Ratio Lower Upper

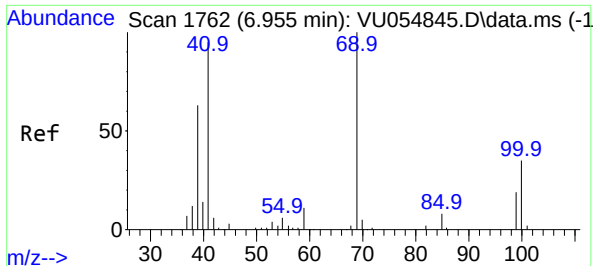
75 100

53 57.5 62.9 94.3#

89 37.9 47.8 71.8#

88 30.3 32.3 48.5#



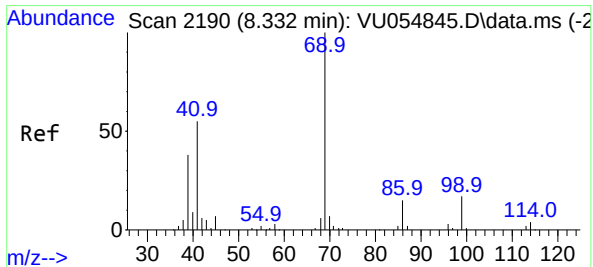
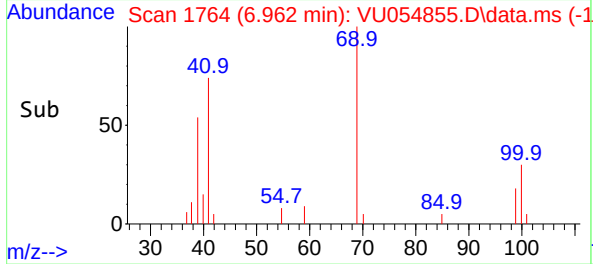
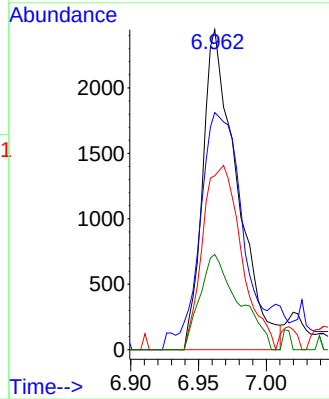
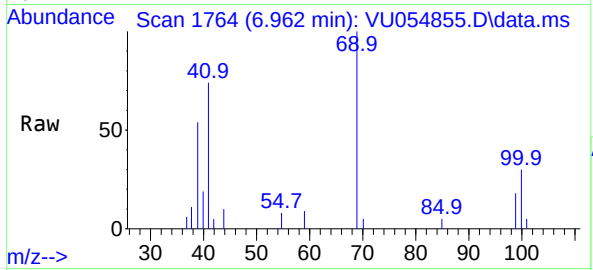


#47
Methyl methacrylate
Concen: 1.489 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.007 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 69 Resp: 4330

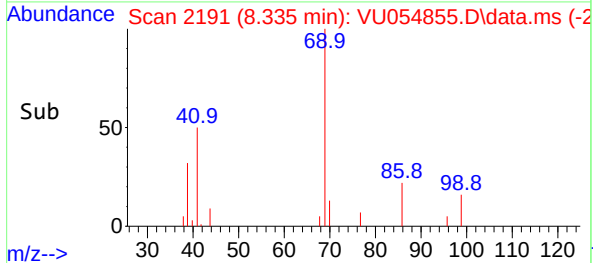
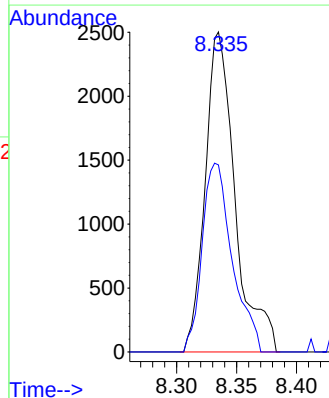
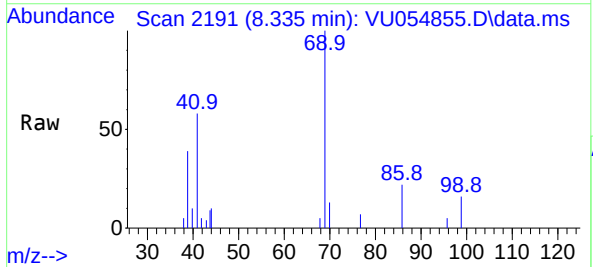
Ion	Ratio	Lower	Upper
69	100		
41	90.5	0.0	193.0
39	64.8	50.4	75.6
100	33.3	28.8	43.2

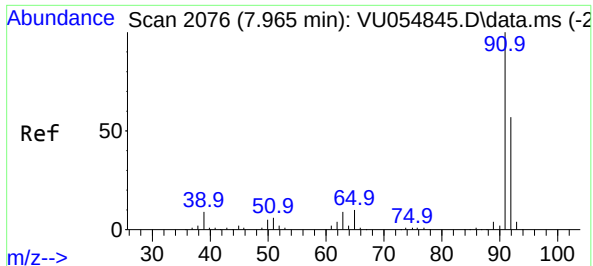


#48
Ethyl methacrylate
Concen: 0.736 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 69 Resp: 4346

Ion	Ratio	Lower	Upper
69	100		
41	59.5	28.8	86.5





#49

Toluene

Concen: 0.769 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

Instrument :

MSVOA_U

ClientSampleId :

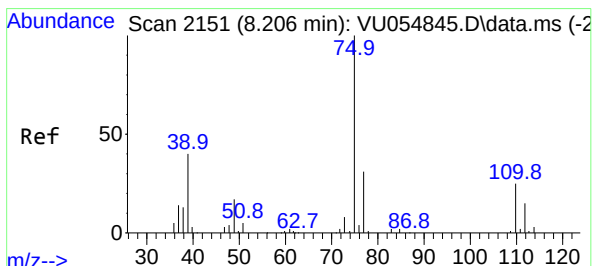
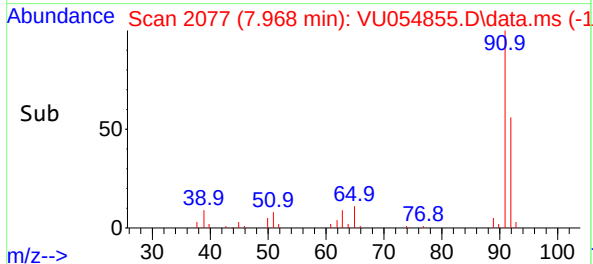
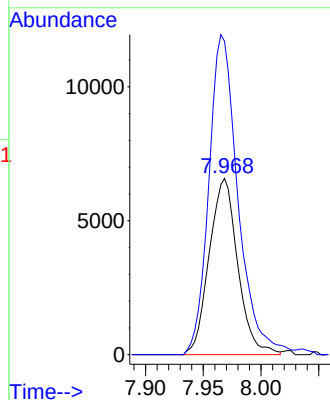
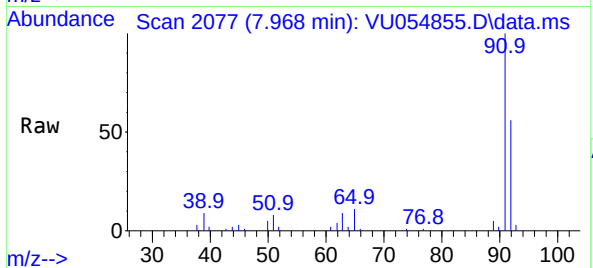
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 92 Resp: 11315

Ion Ratio Lower Upper

92 100

91 185.9 142.9 214.3



#50

t-1,3-Dichloropropene

Concen: 0.696 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054855.D

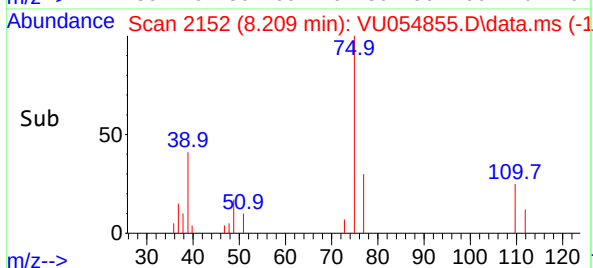
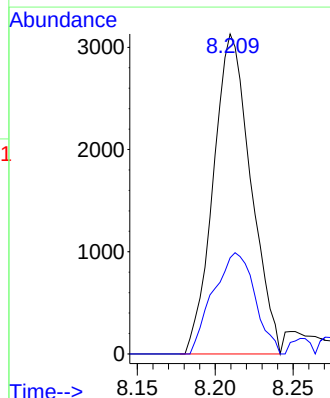
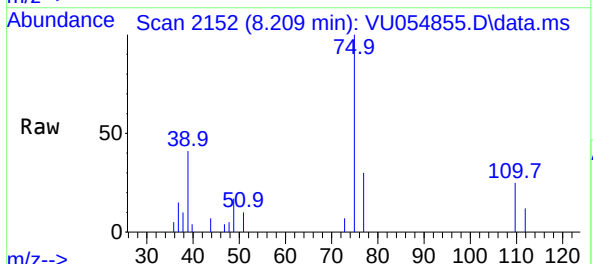
Acq: 24 Jul 2023 13:01

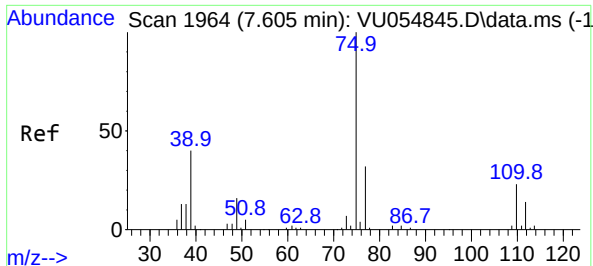
Tgt Ion: 75 Resp: 5235

Ion Ratio Lower Upper

75 100

77 30.1 24.9 37.3

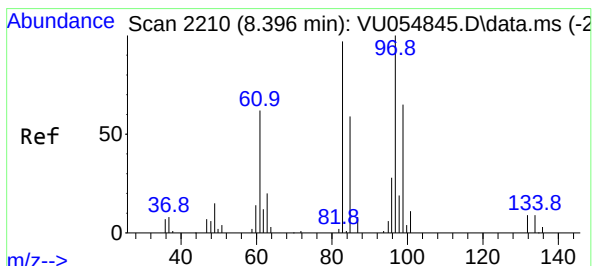
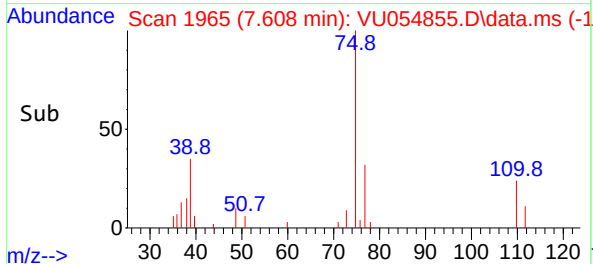
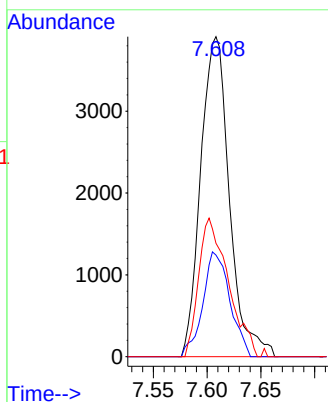
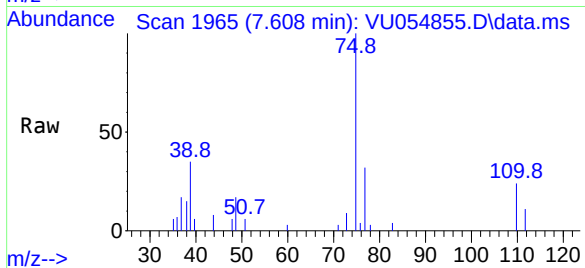




#51
 cis-1,3-Dichloropropene
 Concen: 0.794 ug/l
 RT: 7.608 min Scan# 1965
 Delta R.T. 0.003 min
 Lab File: VU054855.D
 Acq: 24 Jul 2023 13:01

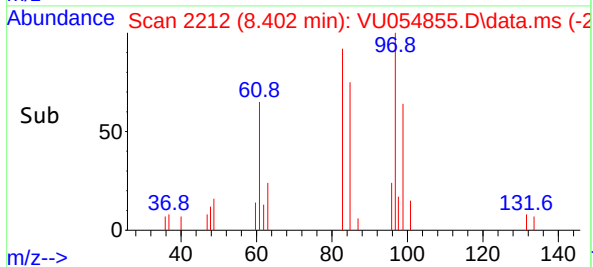
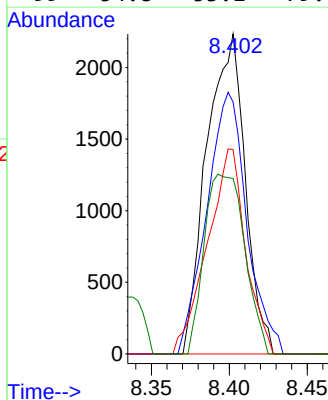
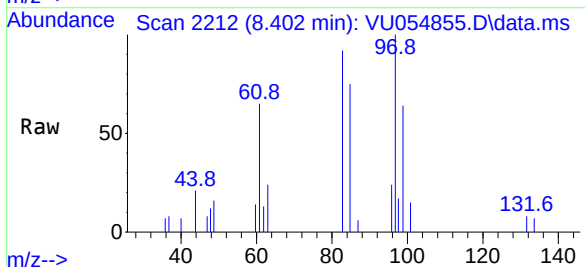
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

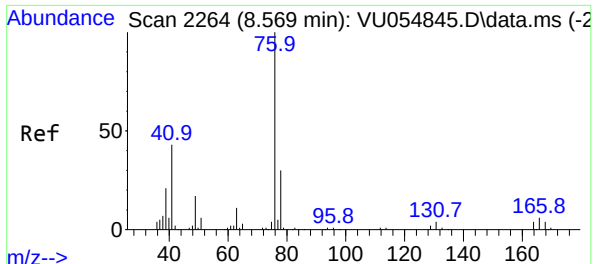
Tgt Ion:	75	Resp:	7256
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.8
39	41.0	31.7	47.5



#52
 1,1,2-Trichloroethane
 Concen: 0.821 ug/l
 RT: 8.402 min Scan# 2212
 Delta R.T. 0.007 min
 Lab File: VU054855.D
 Acq: 24 Jul 2023 13:01

Tgt Ion:	97	Resp:	3833
Ion	Ratio	Lower	Upper
97	100		
83	78.7	77.4	116.2
85	63.9	47.8	71.8
99	54.8	53.1	79.7

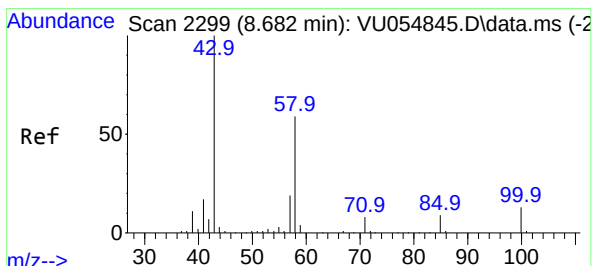
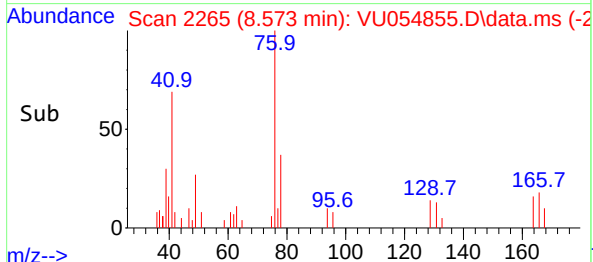
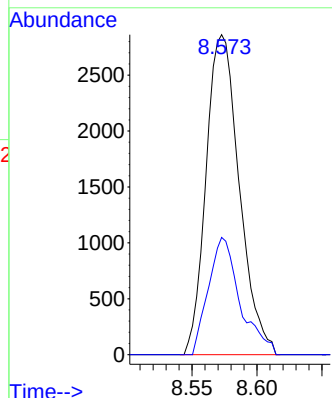
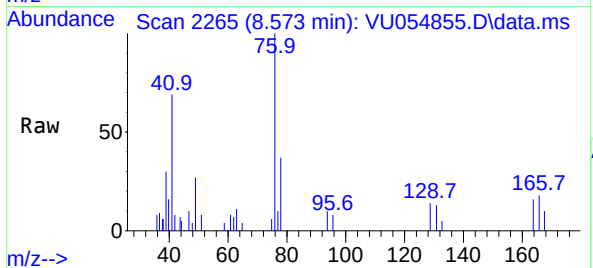




#53
1,3-Dichloropropane
Concen: 0.647 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

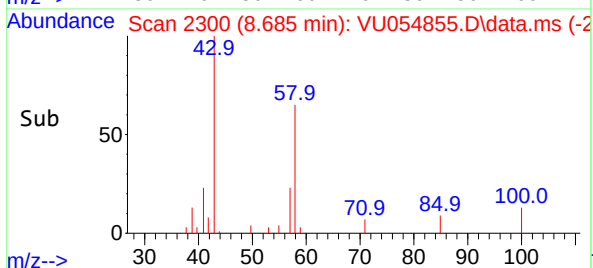
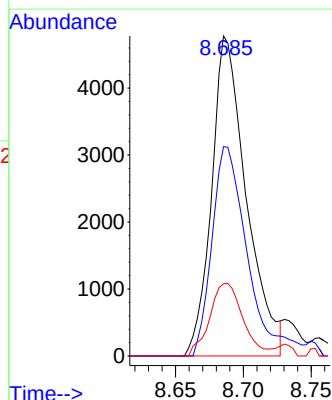
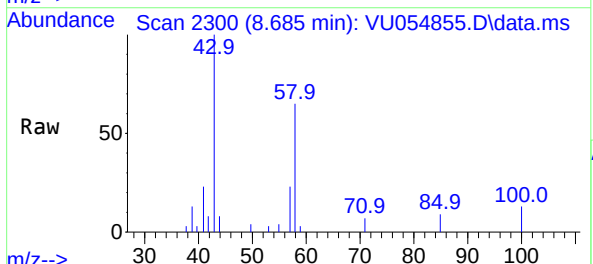
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

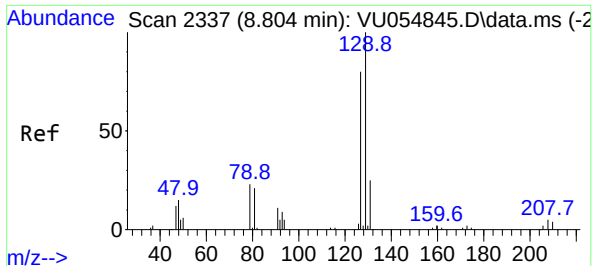
Tgt Ion: 76 Resp: 5091
Ion Ratio Lower Upper
76 100
78 34.9 24.6 36.8



#54
2-Hexanone
Concen: 3.332 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 43 Resp: 8510
Ion Ratio Lower Upper
43 100
58 66.6 38.9 78.9
57 21.6 0.0 38.7

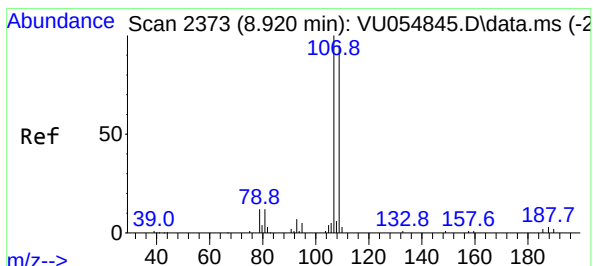
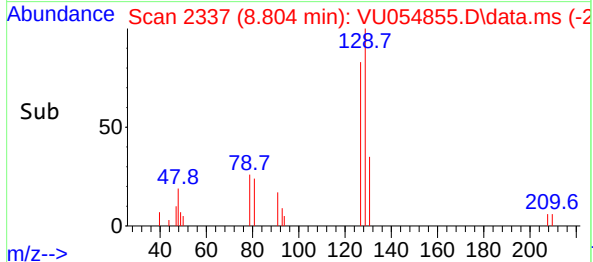
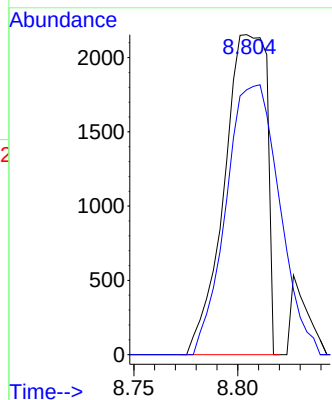
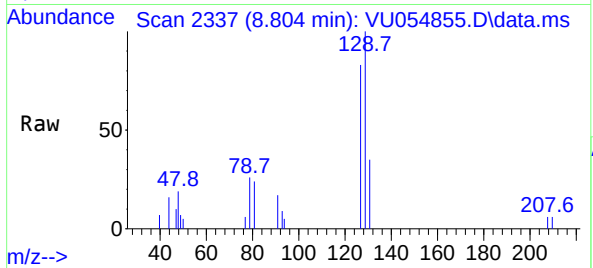




#55
Dibromochloromethane
Concen: 0.549 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

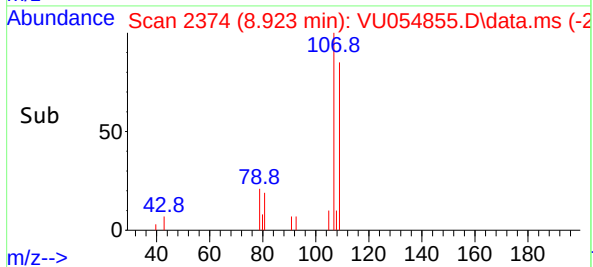
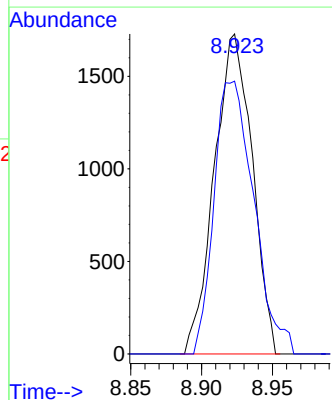
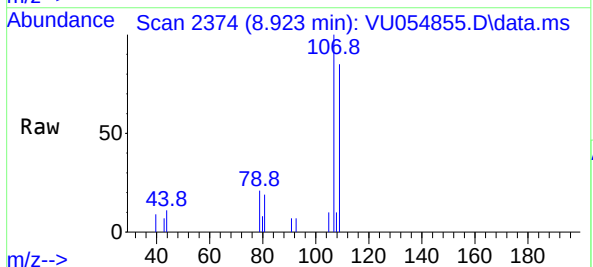
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

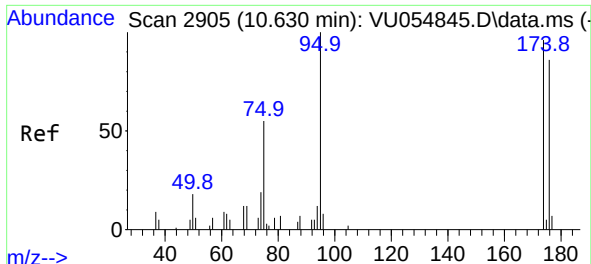
Tgt Ion:129 Resp: 3065
Ion Ratio Lower Upper
129 100
127 105.8 61.4 92.0#



#56
1,2-Dibromoethane
Concen: 0.788 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:107 Resp: 3220
Ion Ratio Lower Upper
107 100
109 89.5 0.0 185.4

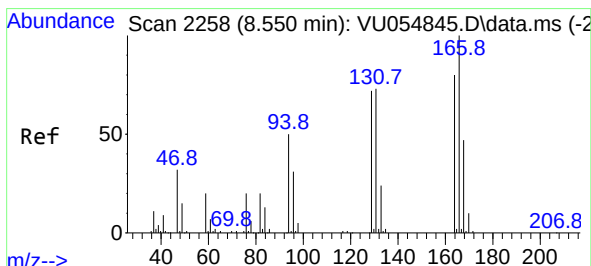
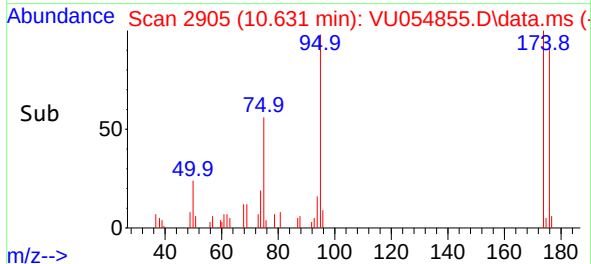
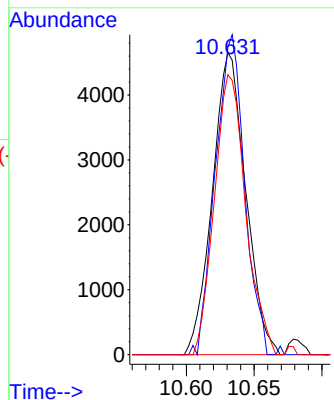
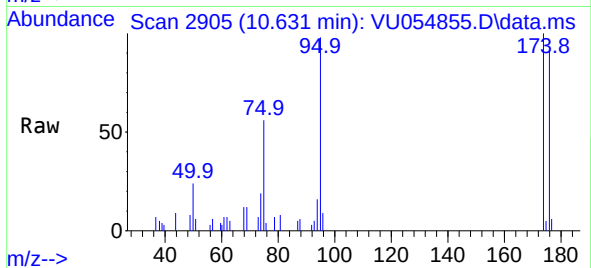




#57
4-Bromofluorobenzene
Concen: 0.986 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

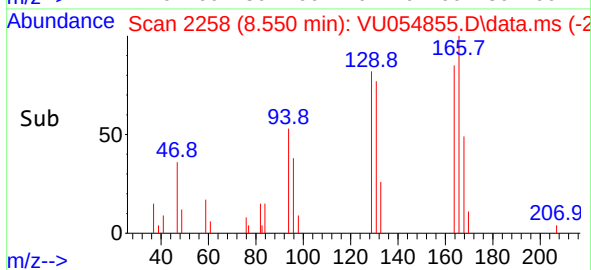
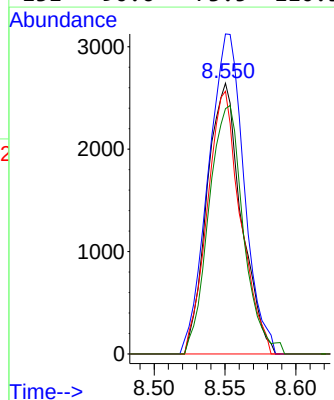
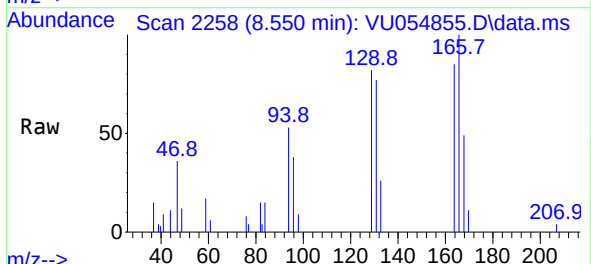
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

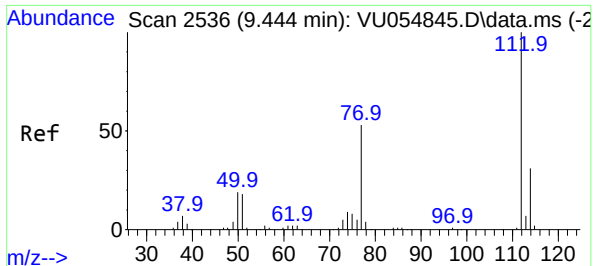
Tgt Ion: 95 Resp: 7950
Ion Ratio Lower Upper
95 100
174 92.7 79.3 118.9
176 86.9 71.5 107.3



#58
Tetrachloroethene
Concen: 0.819 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 164 Resp: 4449
Ion Ratio Lower Upper
164 100
166 118.2 100.4 150.6
129 97.0 71.9 107.9
131 90.6 73.5 110.3





#59

Chlorobenzene

Concen: 0.805 ug/l

RT: 9.447 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

Instrument :

MSVOA_U

ClientSampleId :

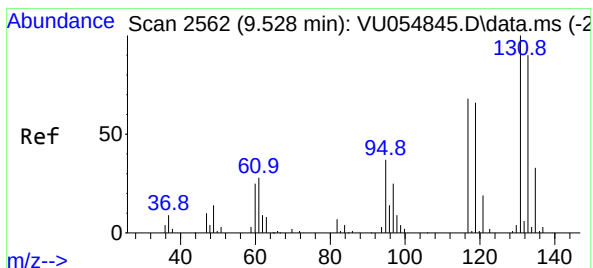
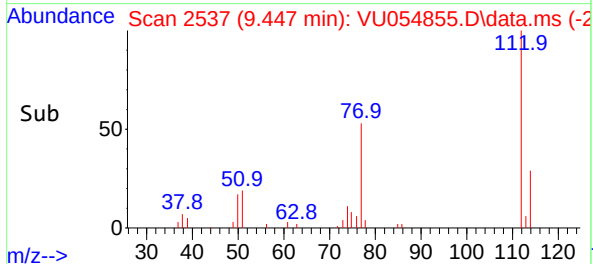
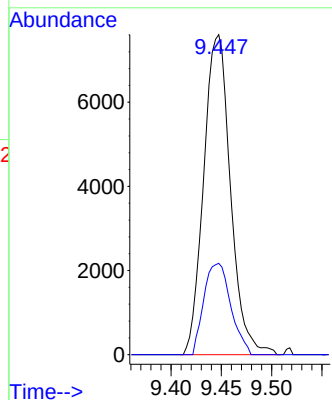
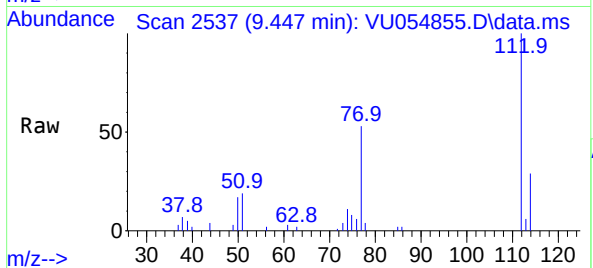
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:112 Resp: 14113

Ion Ratio Lower Upper

112 100

114 28.6 25.0 37.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.637 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

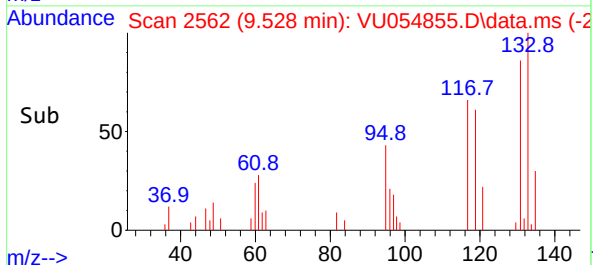
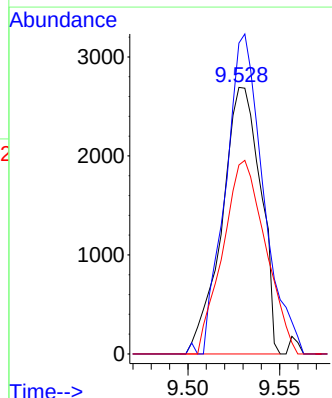
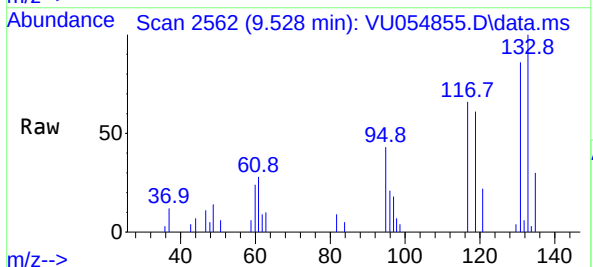
Tgt Ion:131 Resp: 3946

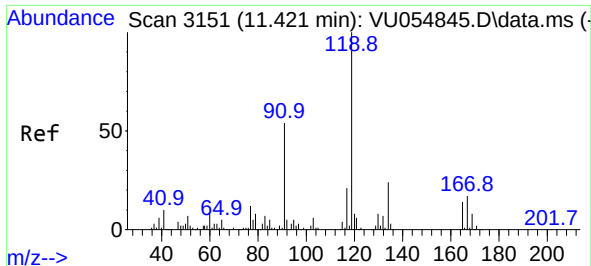
Ion Ratio Lower Upper

131 100

133 117.4 74.2 111.4#

119 80.1 51.0 76.4#

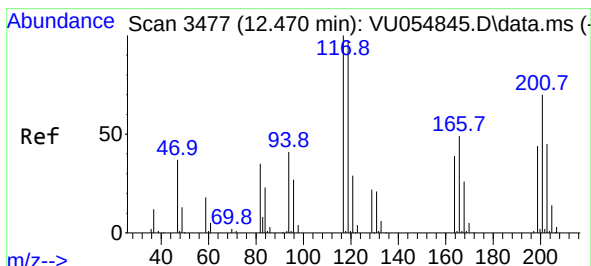
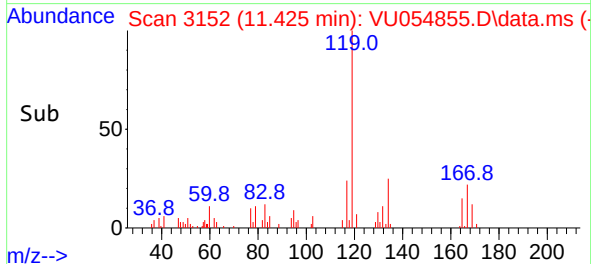
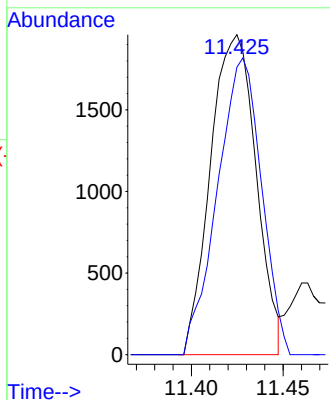
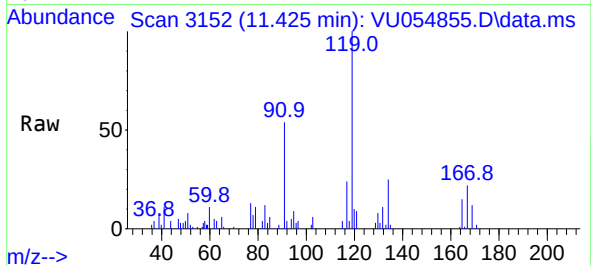




#61
 Pentachloroethane
 Concen: 0.695 ug/l
 RT: 11.425 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU054855.D
 Acq: 24 Jul 2023 13:01

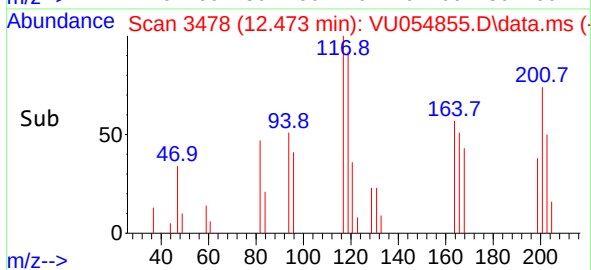
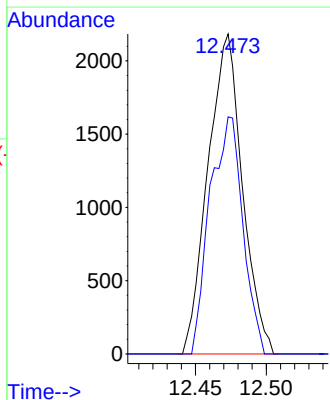
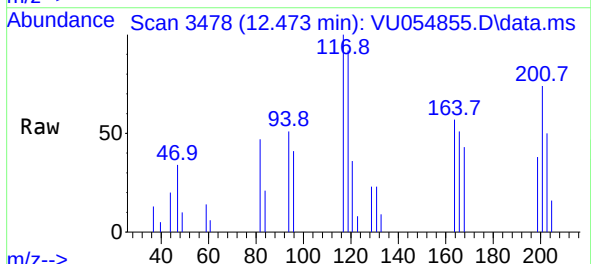
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

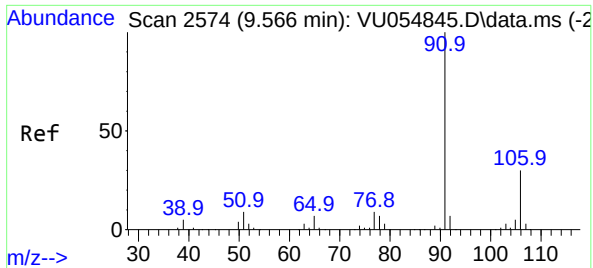
Tgt Ion:117 Resp: 3386
 Ion Ratio Lower Upper
 117 100
 167 89.7 65.3 97.9



#62
 Hexachloroethane
 Concen: 0.738 ug/l
 RT: 12.473 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VU054855.D
 Acq: 24 Jul 2023 13:01

Tgt Ion:117 Resp: 3694
 Ion Ratio Lower Upper
 117 100
 201 70.5 56.1 84.1

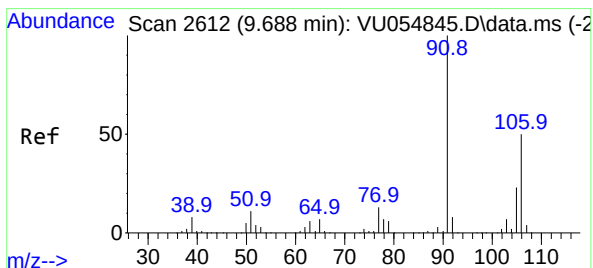
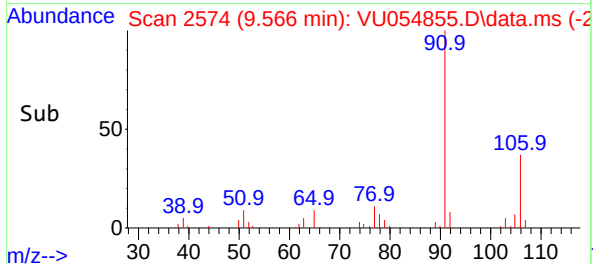
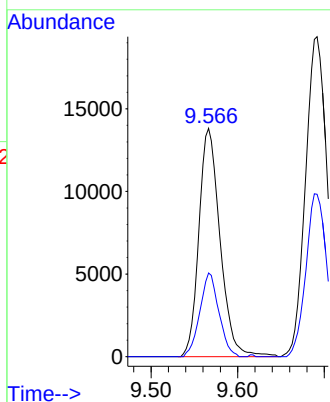
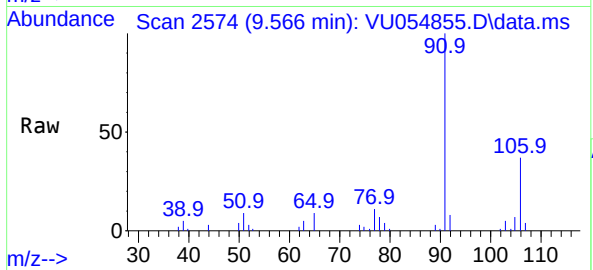




#63
Ethyl Benzene
Concen: 0.785 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

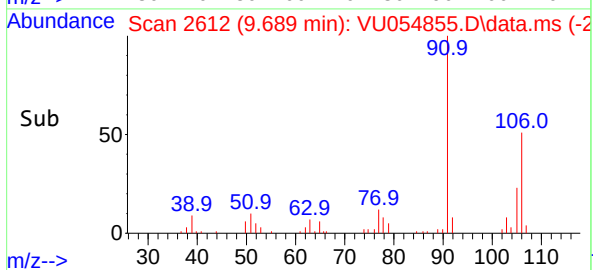
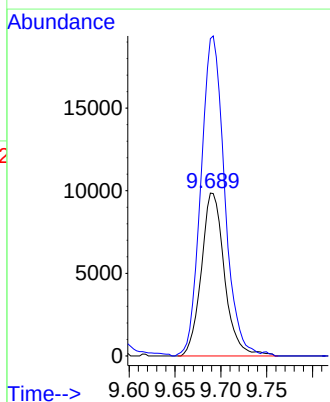
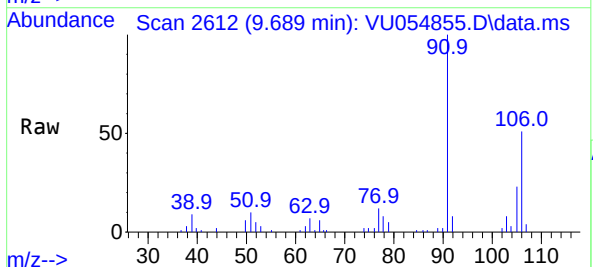
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

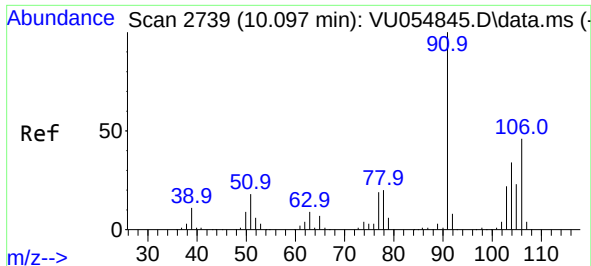
Tgt Ion: 91 Resp: 23474
Ion Ratio Lower Upper
91 100
106 36.7 24.2 36.2#



#64
m/p-Xylenes
Concen: 1.536 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:106 Resp: 17361
Ion Ratio Lower Upper
106 100
91 200.0 158.8 238.2

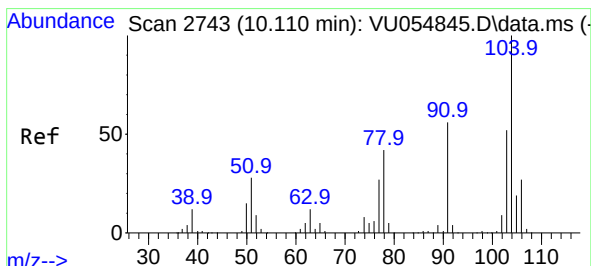
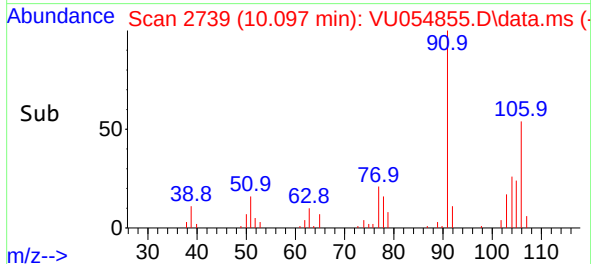
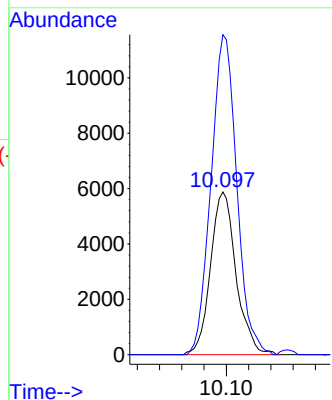
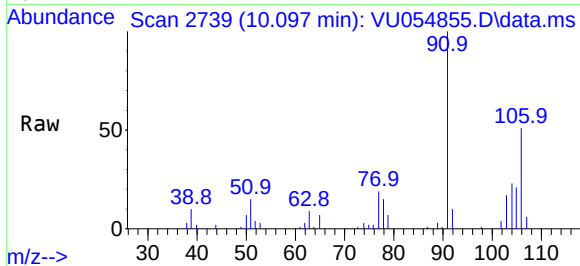




#65
o-Xylene
Concen: 0.824 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

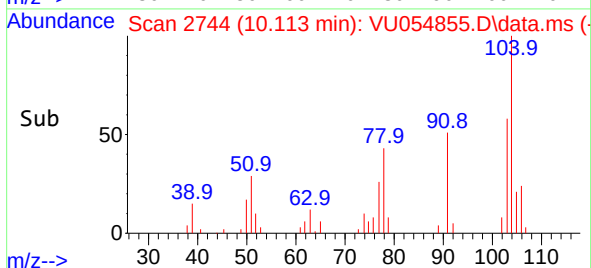
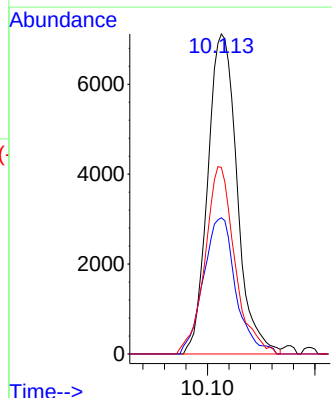
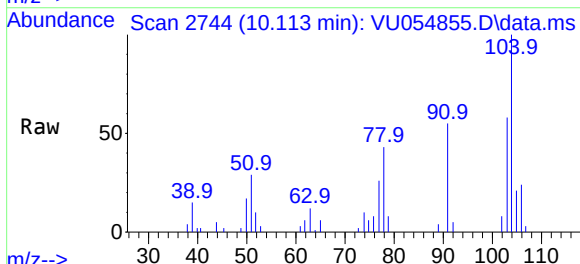
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

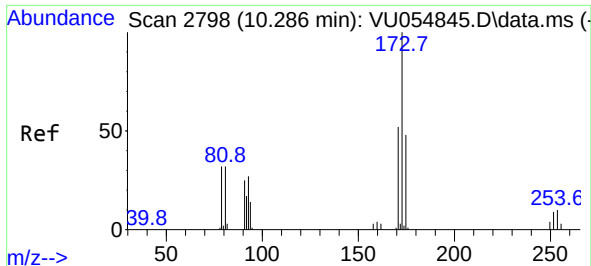
Tgt Ion:106 Resp: 9376
Ion Ratio Lower Upper
106 100
91 197.8 108.9 326.8



#66
Styrene
Concen: 0.738 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:104 Resp: 13499
Ion Ratio Lower Upper
104 100
78 46.9 37.5 56.3
103 59.3 45.2 67.8

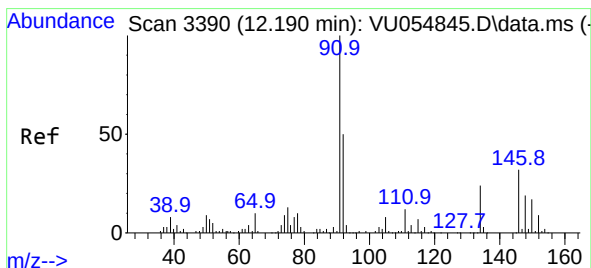
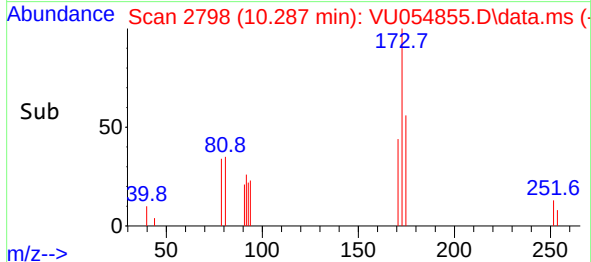
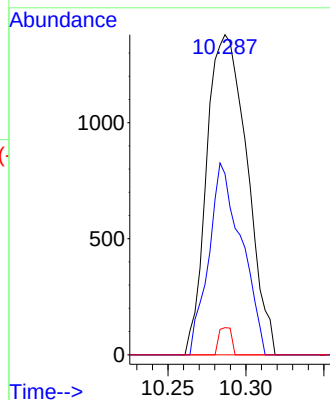
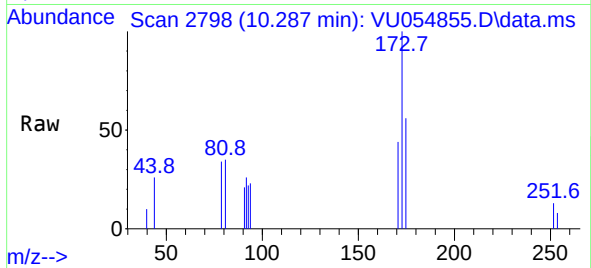




#67
Bromoform
Concen: 0.824 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

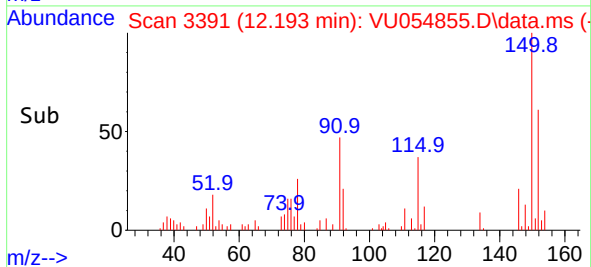
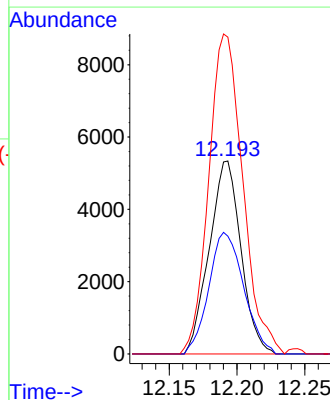
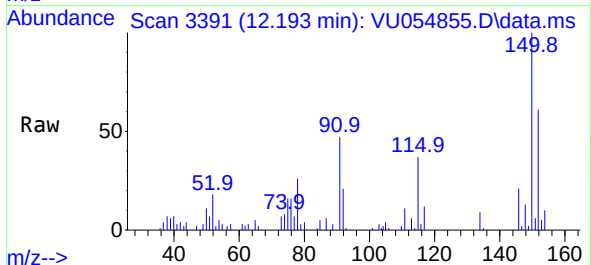
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

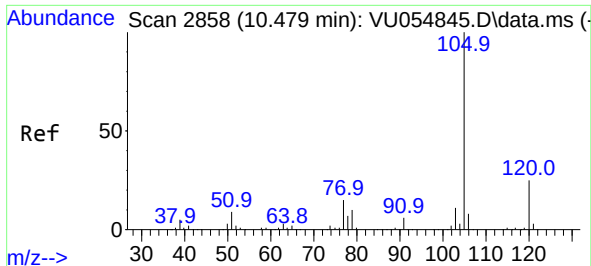
Tgt Ion:173 Resp: 2477
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.6
254 2.7 7.4 11.0#



#68
1,2-Dichlorobenzene-d4
Concen: 0.930 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:152 Resp: 8681
Ion Ratio Lower Upper
152 100
115 69.3 0.0 234.8
150 177.9 0.0 598.2

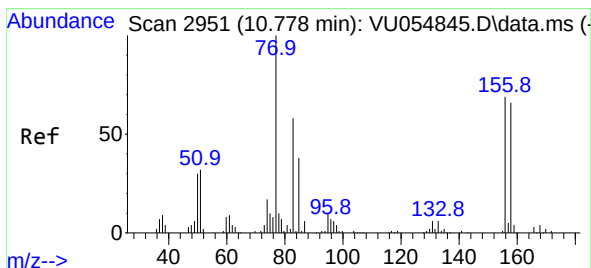
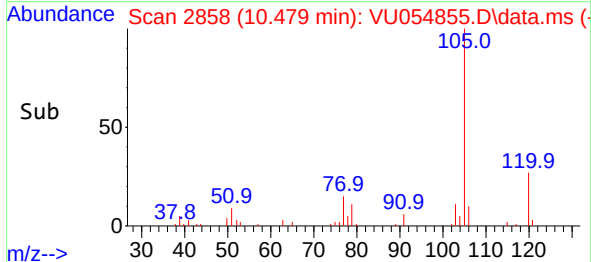
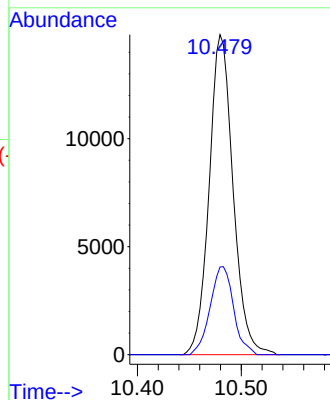
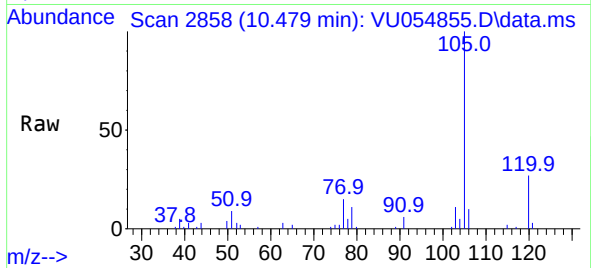




#69
Isopropylbenzene
Concen: 0.766 ug/l
RT: 10.479 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

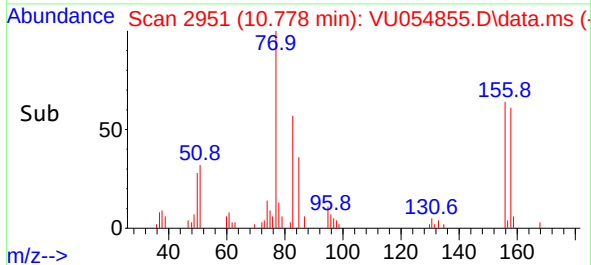
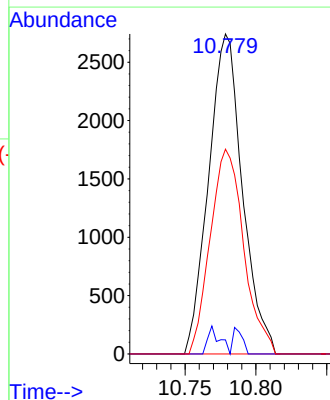
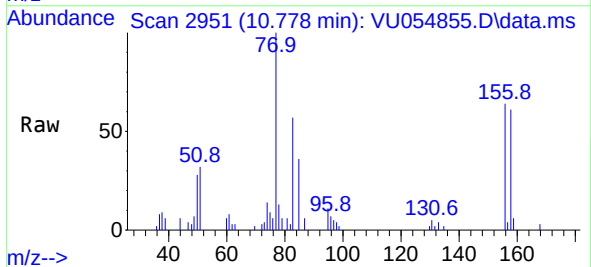
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

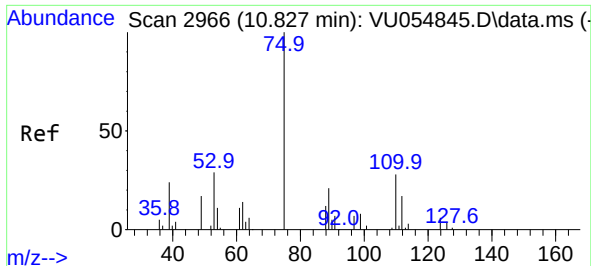
Tgt Ion:105 Resp: 23652
Ion Ratio Lower Upper
105 100
120 26.9 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 0.780 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 83 Resp: 4545
Ion Ratio Lower Upper
83 100
131 2.3 7.5 11.3#
85 63.4 53.0 79.6



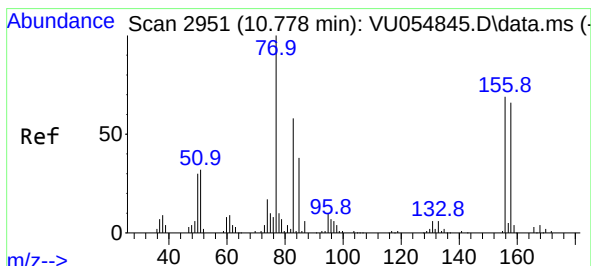
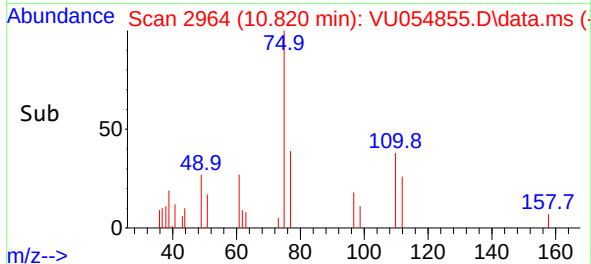
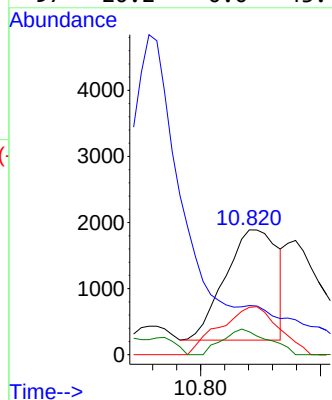
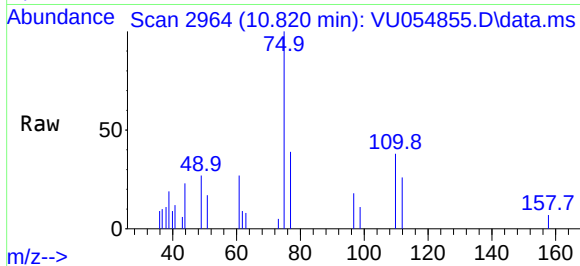


#71
1,2,3-Trichloropropane
Concen: 0.618 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.006 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 75 Resp: 2538

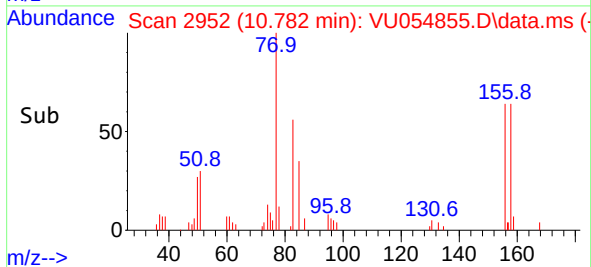
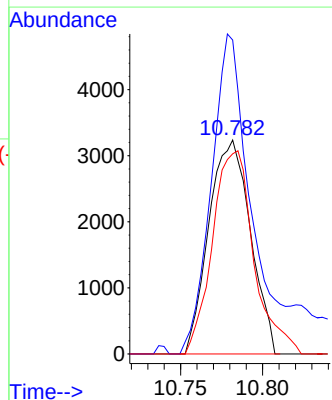
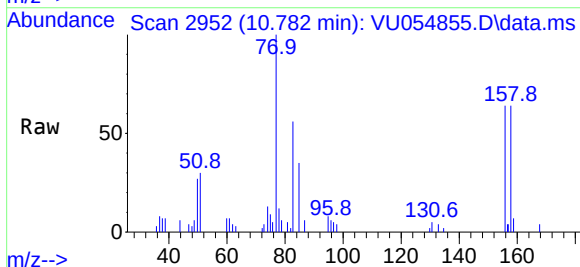
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	48.7	0.0	80.8
97	20.2	0.0	43.4

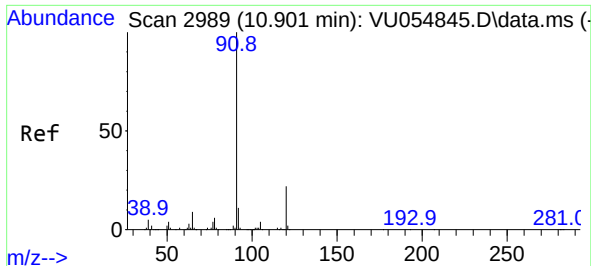


#72
Bromobenzene
Concen: 0.799 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion: 156 Resp: 5694

Ion	Ratio	Lower	Upper
156	100		
77	140.5	0.0	293.2
158	94.6	0.0	189.8

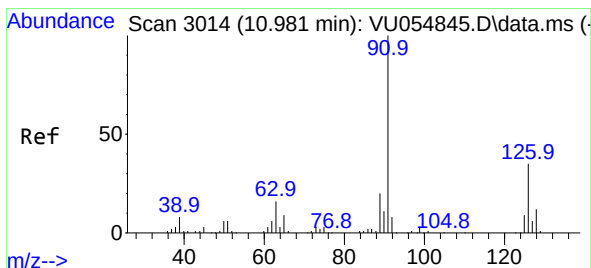
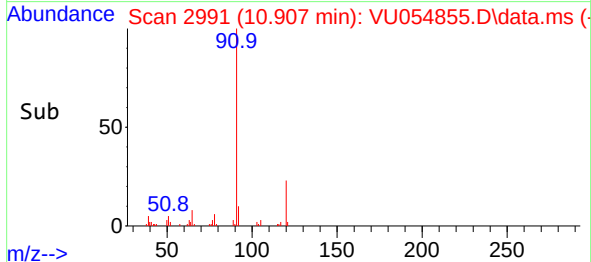
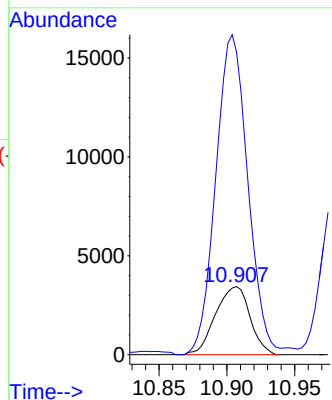
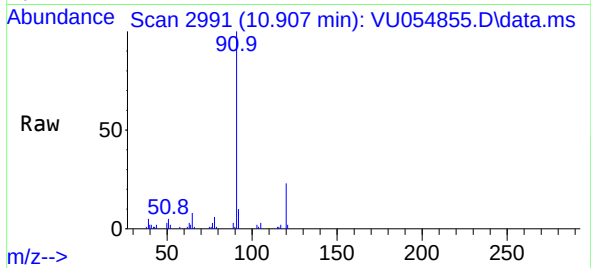




#73
n-propylbenzene
Concen: 0.733 ug/l
RT: 10.907 min Scan# 2989
Delta R.T. 0.007 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

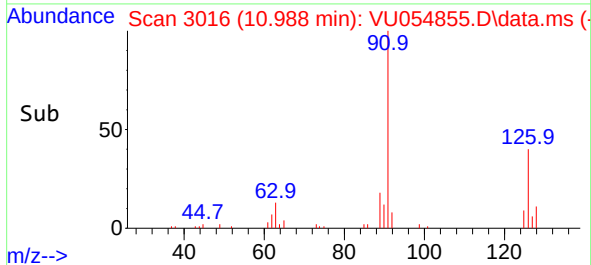
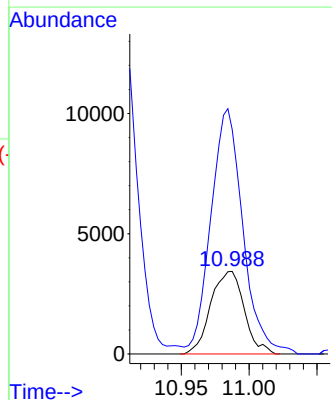
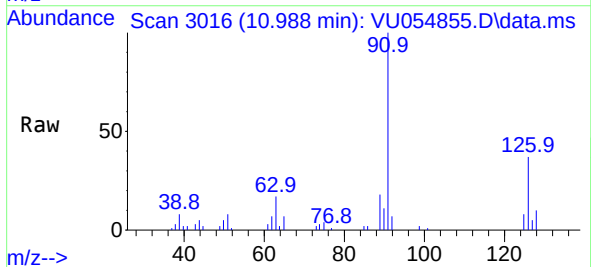
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

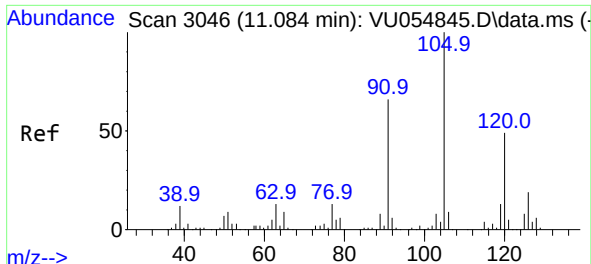
Tgt Ion:120 Resp: 6078
Ion Ratio Lower Upper
120 100
91 440.6 361.8 542.6



#74
2-Chlorotoluene
Concen: 0.814 ug/l
RT: 10.988 min Scan# 3016
Delta R.T. 0.007 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:126 Resp: 5878
Ion Ratio Lower Upper
126 100
91 285.4 0.0 561.4

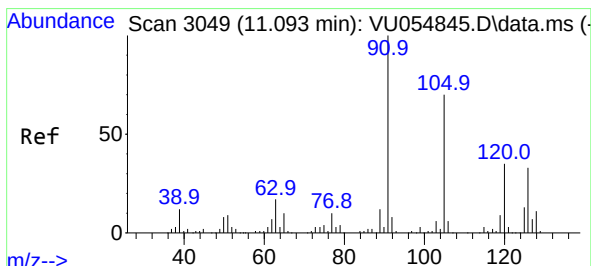
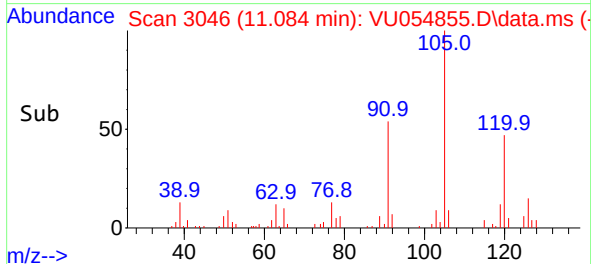
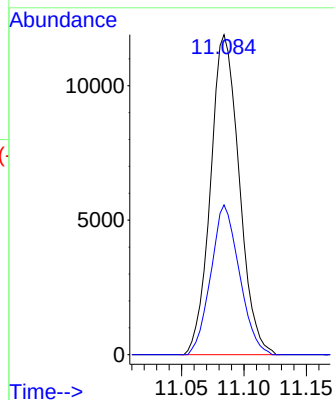
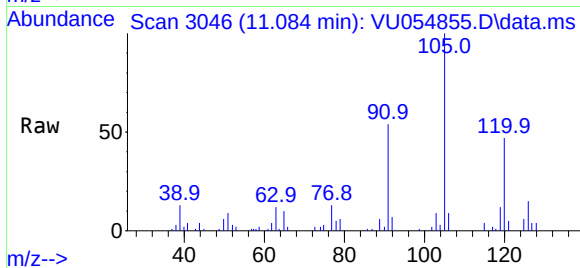




#75
1,3,5-Trimethylbenzene
Concen: 0.758 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

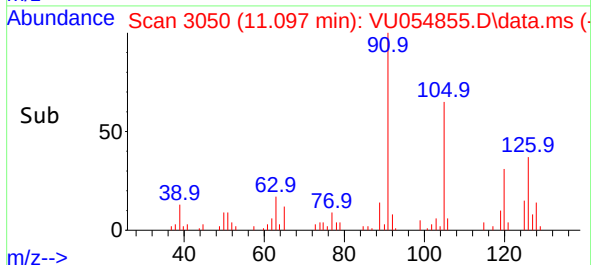
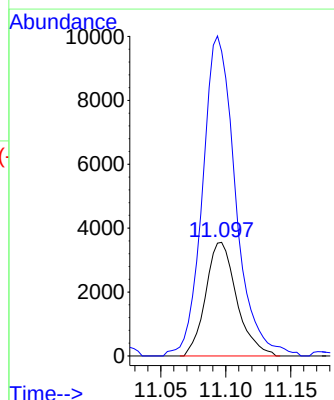
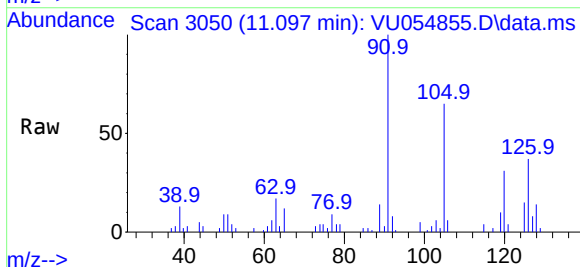
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

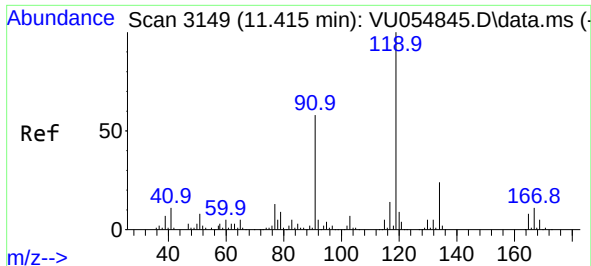
Tgt Ion:105 Resp: 19060
Ion Ratio Lower Upper
105 100
120 46.7 39.0 58.4



#76
4-Chlorotoluene
Concen: 0.795 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:126 Resp: 5906
Ion Ratio Lower Upper
126 100
91 299.7 0.0 623.4

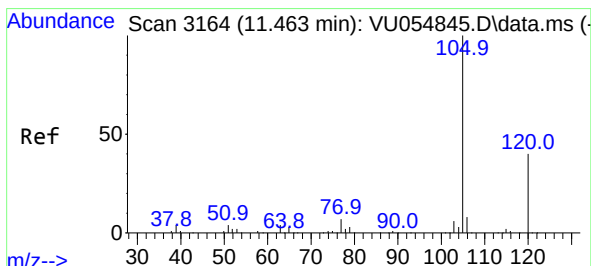
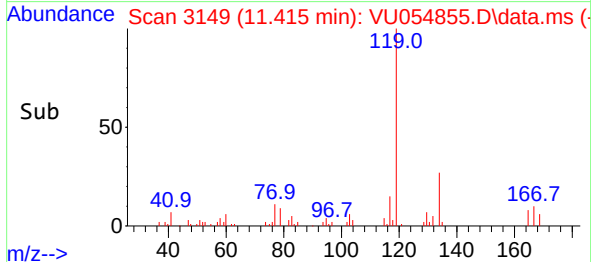
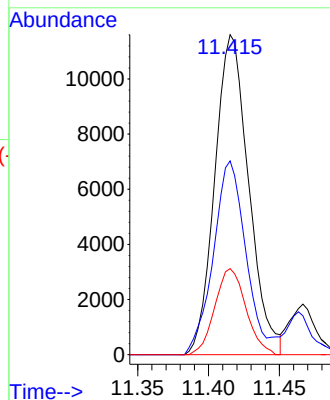
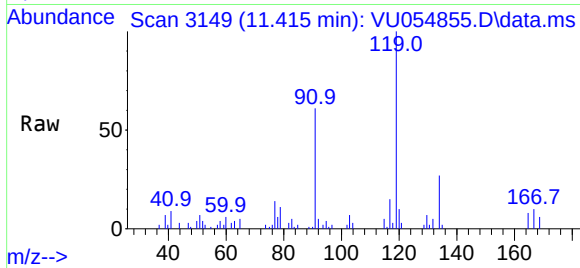




#77
tert-Butylbenzene
Concen: 0.746 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

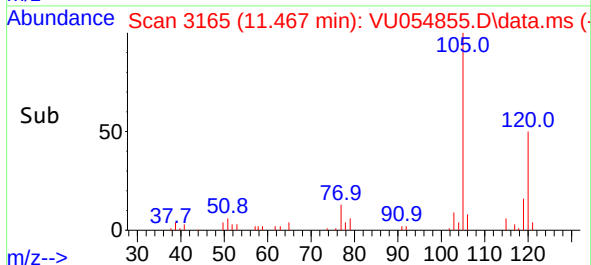
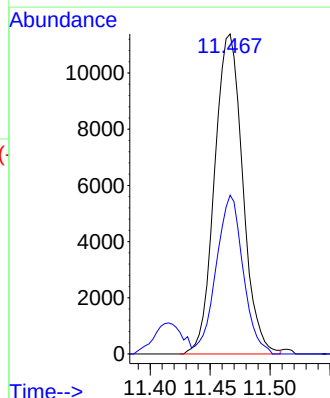
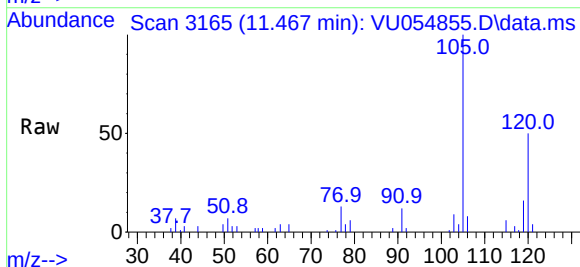
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

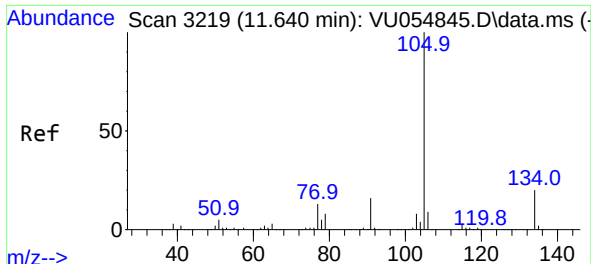
Tgt Ion:	119	Resp:	19321
Ion	Ratio	Lower	Upper
119	100		
91	57.7	27.7	83.1
134	24.7	18.6	27.8



#78
1,2,4-Trimethylbenzene
Concen: 0.735 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:	105	Resp:	18592
Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.4	67.3

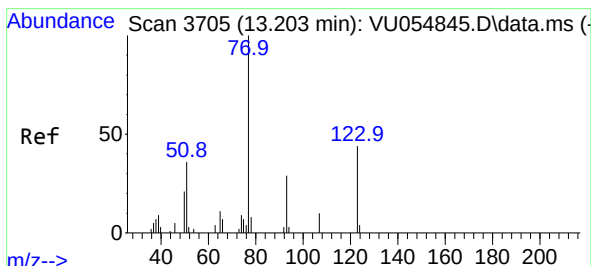
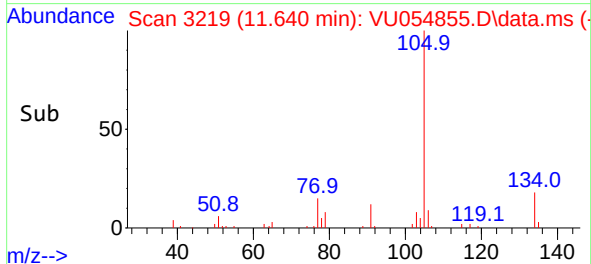
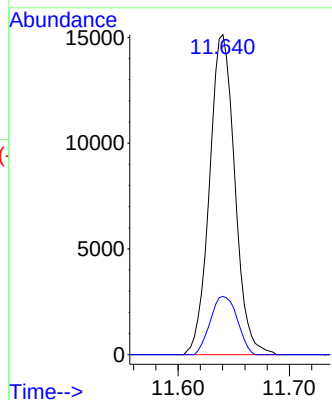
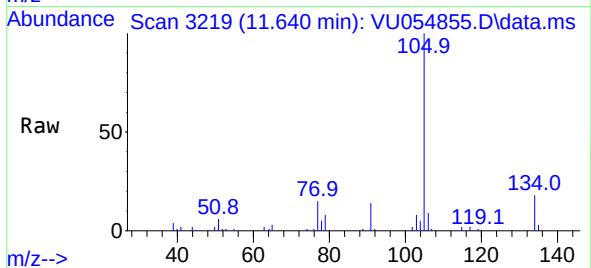




#79
 sec-Butylbenzene
 Concen: 0.713 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054855.D
 Acq: 24 Jul 2023 13:01

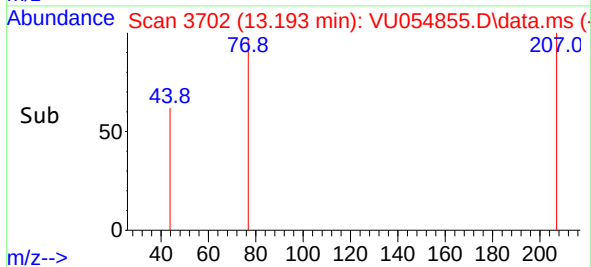
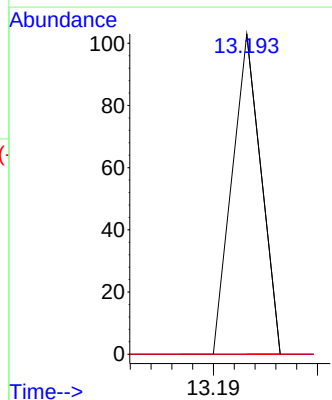
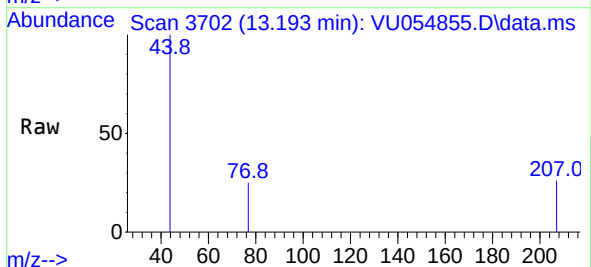
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

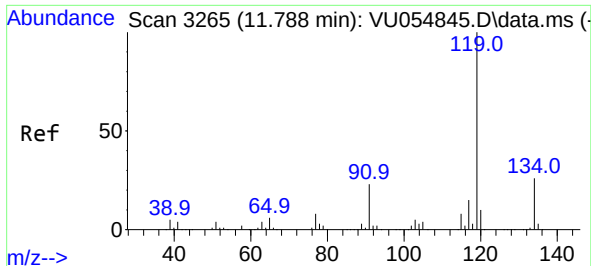
Tgt Ion:105 Resp: 23956
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.7 23.5



#80
 Nitrobenzene
 Concen: 3.157 ug/l
 RT: 13.193 min Scan# 3702
 Delta R.T. -0.010 min
 Lab File: VU054855.D
 Acq: 24 Jul 2023 13:01

Tgt Ion: 77 Resp: 20
 Ion Ratio Lower Upper
 77 100
 123 0.0 20.2 71.8#
 65 0.0 11.7 14.9#

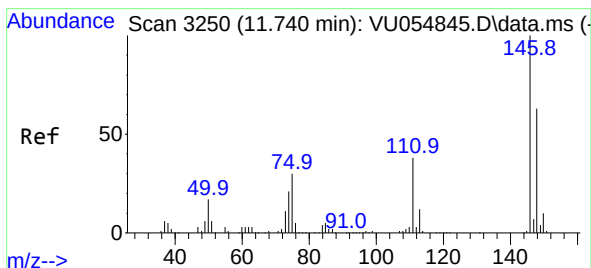
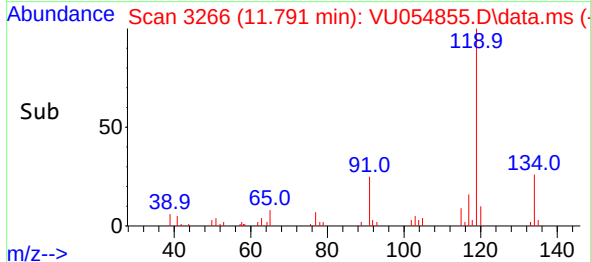
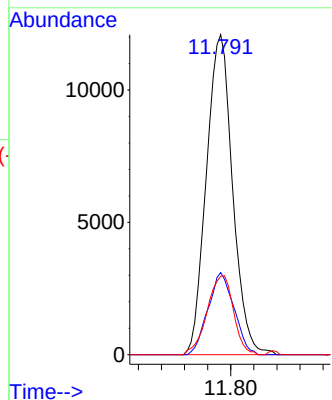
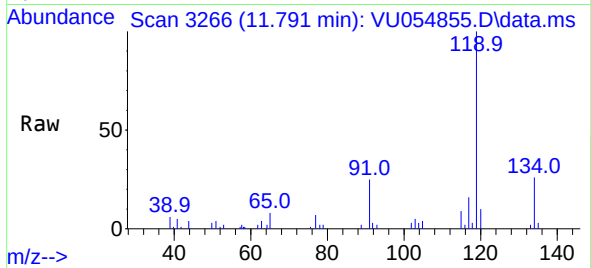




#81
p-Isopropyltoluene
Concen: 0.696 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

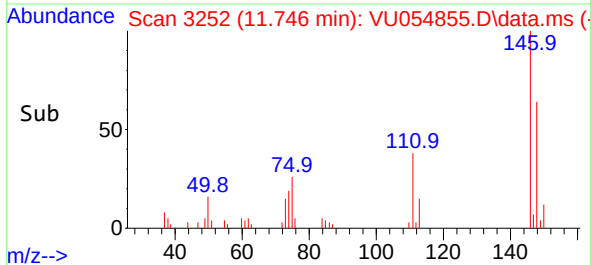
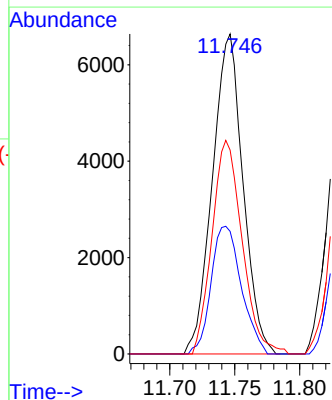
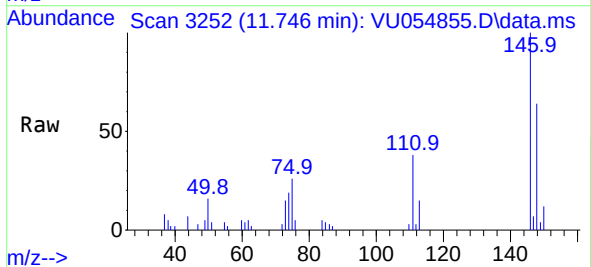
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

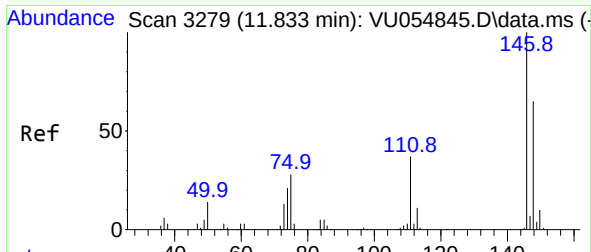
Tgt Ion:119 Resp: 19064
Ion Ratio Lower Upper
119 100
134 25.4 20.6 31.0
91 24.7 18.2 27.4



#82
1,3-Dichlorobenzene
Concen: 0.761 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:146 Resp: 10853
Ion Ratio Lower Upper
146 100
111 39.5 30.5 45.7
148 65.9 51.0 76.6





#83

1,4-Dichlorobenzene

Concen: 0.794 ug/l

RT: 11.836 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054855.D

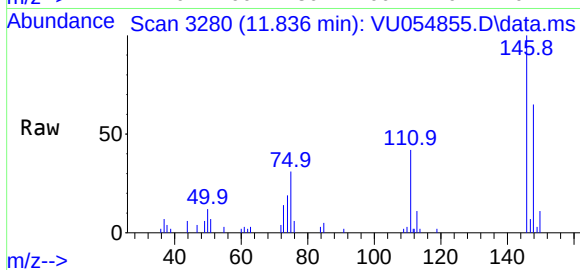
Acq: 24 Jul 2023 13:01

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



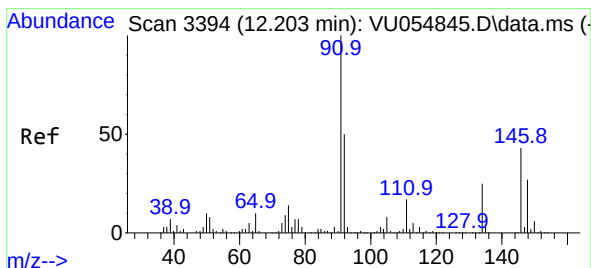
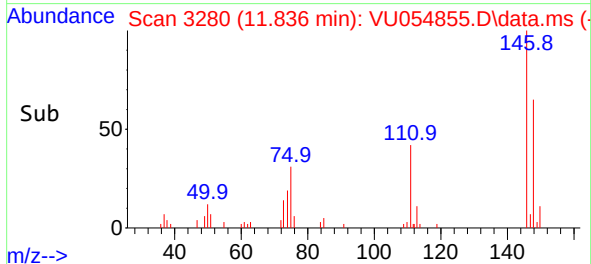
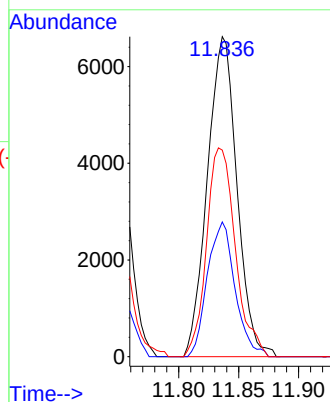
Tgt Ion:146 Resp: 11353

Ion Ratio Lower Upper

146 100

111 39.3 29.5 44.3

148 63.6 51.2 76.8



#84

n-Butylbenzene

Concen: 0.657 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU054855.D

Acq: 24 Jul 2023 13:01

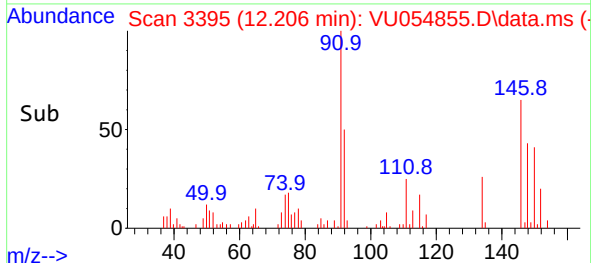
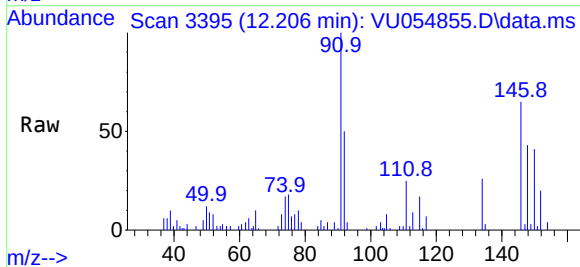
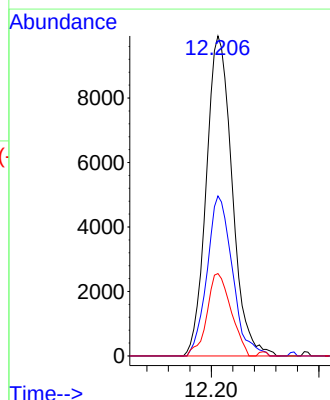
Tgt Ion: 91 Resp: 16543

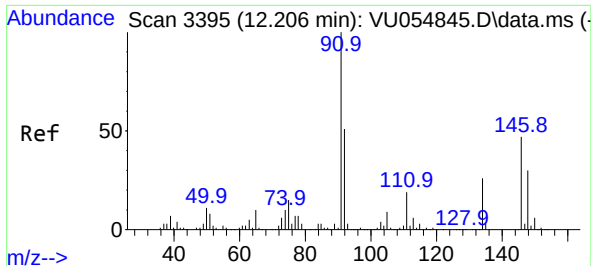
Ion Ratio Lower Upper

91 100

92 49.0 39.8 59.8

134 24.0 20.2 30.4

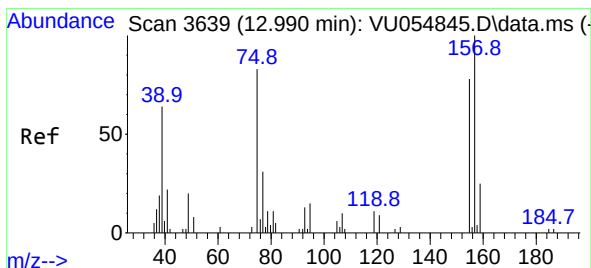
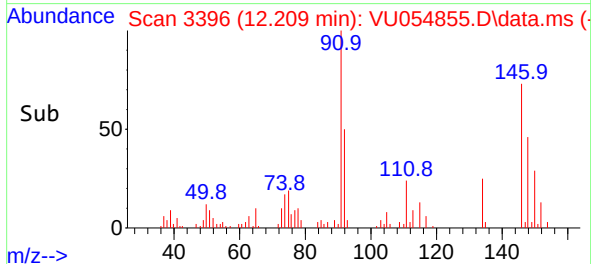
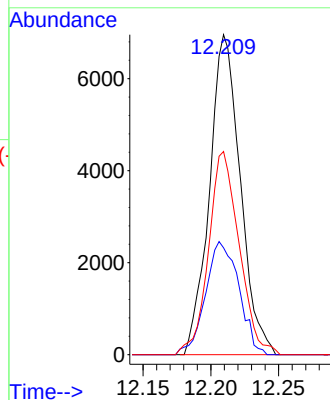
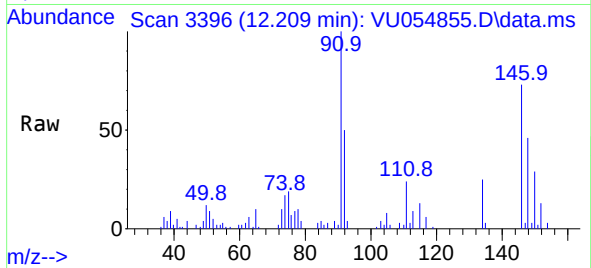




#85
1,2-Dichlorobenzene
Concen: 0.811 ug/l
RT: 12.209 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

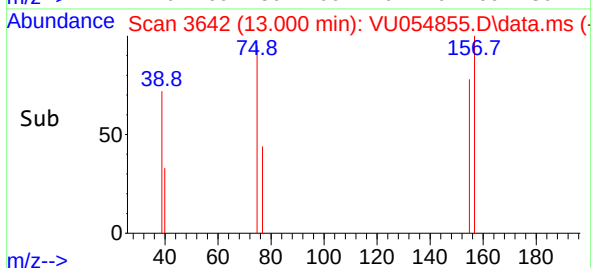
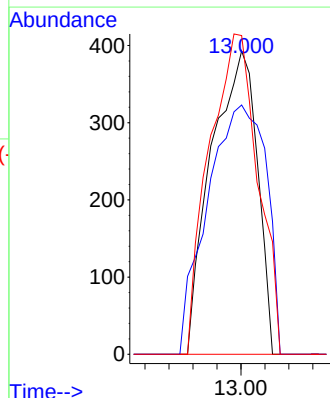
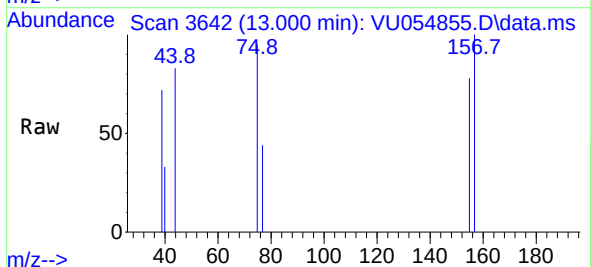
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

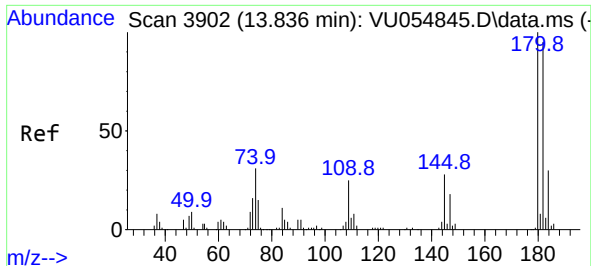
Tgt Ion:	146	Resp:	11012
Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.8	59.4
148	63.0	31.8	95.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.820 ug/l
RT: 13.000 min Scan# 3642
Delta R.T. 0.010 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

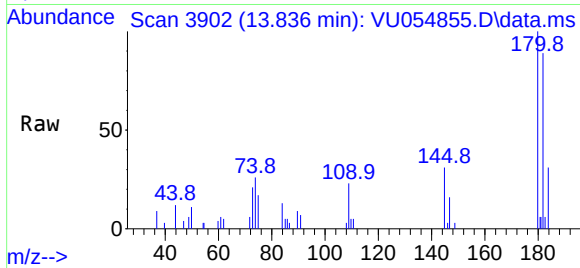
Tgt Ion:	75	Resp:	521
Ion	Ratio	Lower	Upper
75	100		
155	105.2	74.8	112.2
157	112.3	97.4	146.0



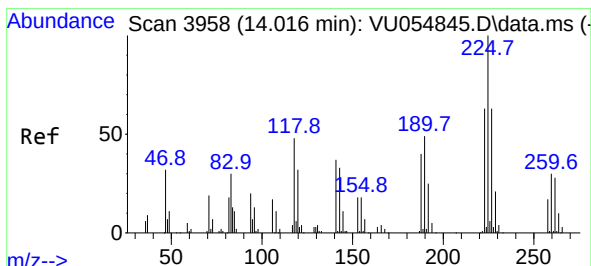
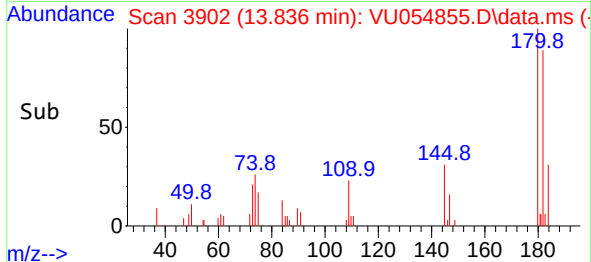
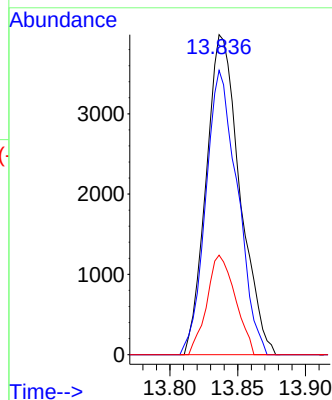


#87
1,2,4-Trichlorobenzene
Concen: 0.790 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

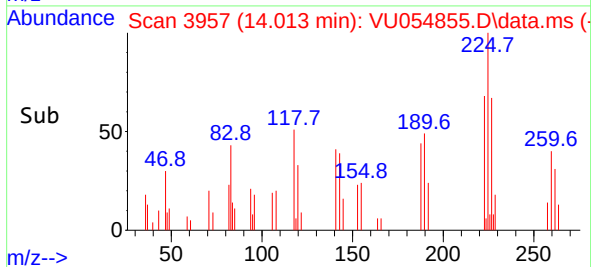
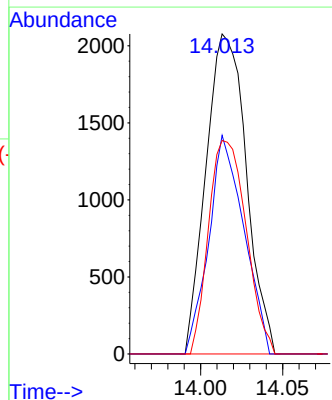
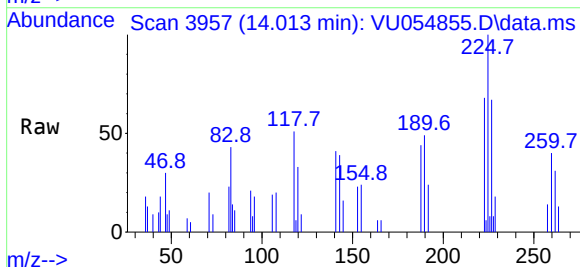


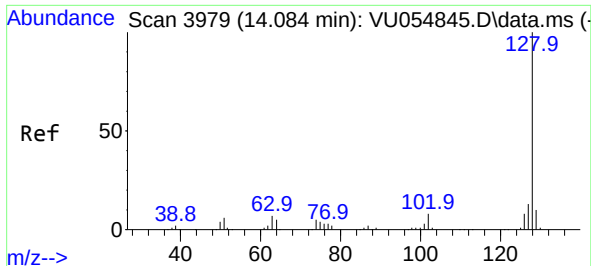
Tgt Ion:180 Resp: 6884
Ion Ratio Lower Upper
180 100
182 83.9 77.0 115.6
145 26.2 23.4 35.0



#88
Hexachlorobutadiene
Concen: 0.762 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:225 Resp: 3544
Ion Ratio Lower Upper
225 100
223 59.6 50.6 76.0
227 62.3 50.7 76.1

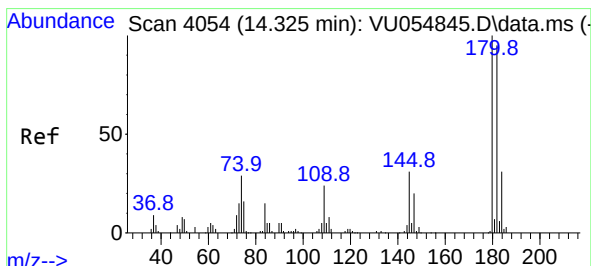
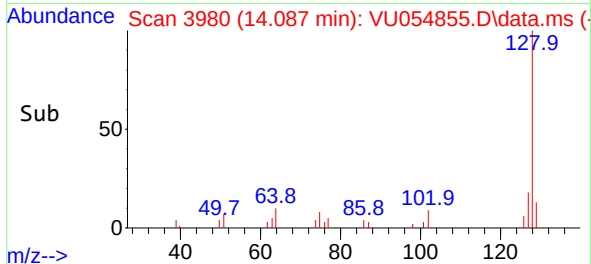
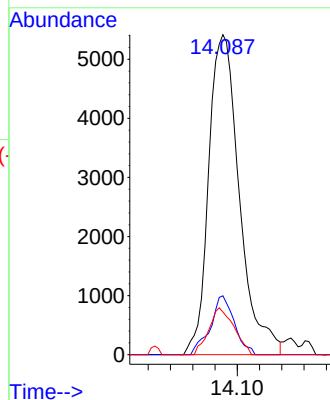
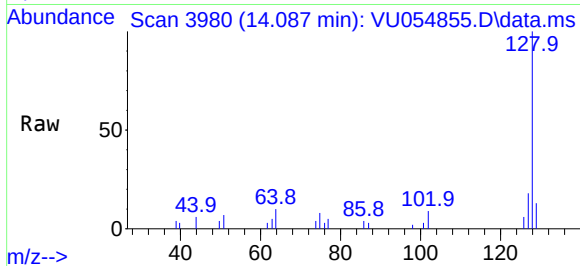




#89
Naphthalene
Concen: 0.737 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:	128	Resp:	10377
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.6	15.8
129	12.0	8.7	13.1



#90
1,2,3-Trichlorobenzene
Concen: 0.736 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054855.D
Acq: 24 Jul 2023 13:01

Tgt Ion:	180	Resp:	5543
Ion	Ratio	Lower	Upper
180	100		
182	103.6	76.0	114.0
145	27.6	24.3	36.5

