

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053791.D
 Acq On : 19 Apr 2023 20:14
 Operator : JC/MD
 Sample : 02213-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: Apr 20 08:52:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.108	96	28787	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	9705	0.860	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	11058	0.824	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	1756	0.201	ug/l	97
3) Chloromethane	1.523	50	2303	0.293	ug/l	95
4) Vinyl Chloride	1.601	62	1964	0.216	ug/l	98
5) Bromomethane	1.848	94	1807	0.264	ug/l	97
6) Chloroethane	1.928	64	1237	0.213	ug/l	# 81
7) Trichlorofluoromethane	2.137	101	3134	0.205	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	2738	0.276	ug/l	# 92
9) 1,1-Dichloroethene	2.578	96	1813	0.223	ug/l	80
10) Iodomethane	2.723	142	1930	0.222	ug/l	94
11) Allyl Chloride	2.912	41	2201	0.228	ug/l	86
12) Acrylonitrile	3.311	53	886	0.436	ug/l	# 85
13) Acetone	2.617	43	2242	0.789	ug/l	# 75
15) Methylene Chloride	3.041	84	5160	0.433	ug/l	86
16) trans-1,2-Dichloroethene	3.350	96	1899	0.216	ug/l	# 77
17) 1,1-Dichloroethane	3.864	63	4170	0.230	ug/l	# 83
18) 2-Butanone	4.710	43	3190	0.866	ug/l	87
21) 2,2-Dichloropropane	4.658	77	4053	0.246	ug/l	94
22) cis-1,2-Dichloroethene	4.661	96	2522	0.229	ug/l	93
23) Diethyl Ether	2.372	59	1280	0.213	ug/l	# 78
24) tert-Butyl Alcohol	3.179	59	2328	2.989	ug/l	# 1
25) Methyl tert-Butyl Ether	3.366	73	5364	0.236	ug/l	# 87
26) Bromochloromethane	4.964	128	1030	0.212	ug/l	86
27) Chloroform	5.083	83	4567	0.233	ug/l	83
28) 1,1,1-Trichloroethane	5.305	97	3603	0.222	ug/l	98
30) Carbon Tetrachloride	5.514	117	2359	0.203	ug/l	93
31) Isopropyl Ether	3.993	45	7696	0.293	ug/l	87
32) Ethyl-t-butyl ether	4.507	59	5964	0.225	ug/l	90
33) Tert-Amyl methyl ether	5.951	73	4267	0.220	ug/l	# 81
34) Propionitrile	4.777	54	917	1.114	ug/l	# 17
35) Benzene	5.768	78	6603	0.207	ug/l	95
37) Trichloroethene	6.539	130	1880	0.208	ug/l	89
38) 1,2-Dichloropropane	6.787	63	1879	0.207	ug/l	95
40) Methyl acrylate	4.848	55	1435	0.264	ug/l	# 84
41) Tetrahydrofuran	5.067	42	971	0.593	ug/l	# 69
42) 1-Chlorobutane	5.449	56	3079	0.218	ug/l	99
45) 4-Methyl-2-Pentanone	7.800	43	4042	0.865	ug/l	97
46) t-1,4-Dichloro-2-butene	10.832	75	1916	0.987	ug/l	# 35
47) Methyl methacrylate	6.973	69	1499	0.371	ug/l	# 64
52) 1,1,2-Trichloroethane	8.404	97	1473	0.202	ug/l	# 89
53) 1,3-Dichloropropane	8.574	76	2365	0.207	ug/l	96
54) 2-Hexanone	8.690	43	2796	0.638	ug/l	97
55) Dibromochloromethane	8.806	129	1627	0.212	ug/l	# 79
64) m/p-Xylenes	9.690	106	4803	0.309	ug/l	97

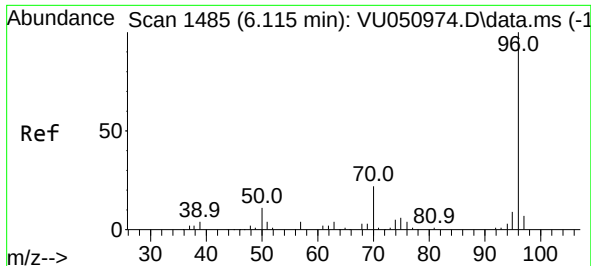
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
Data File : VU053791.D
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LOD-MDL-WATER-01-QT2-2023

Quant Time: Apr 20 08:52:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 20 08:39:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 1,2,3-Trichloropropane	10.832	75	1916	0.283	ug/l	65
73) n-propylbenzene	10.902	120	3417	0.301	ug/l	83
84) n-Butylbenzene	12.205	91	5520	0.387	ug/l	98

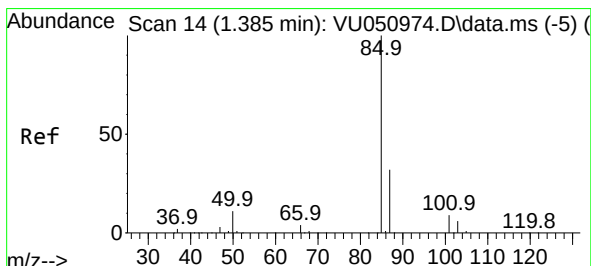
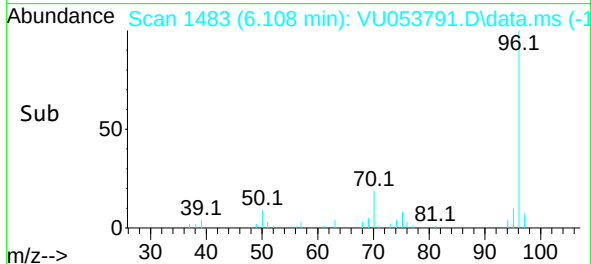
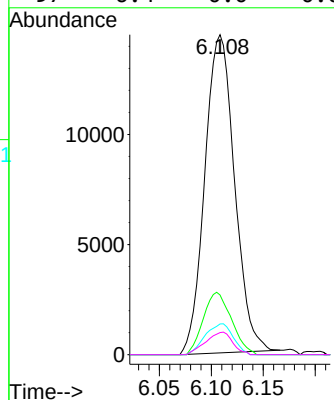
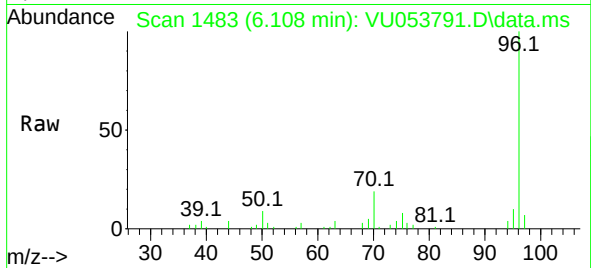
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

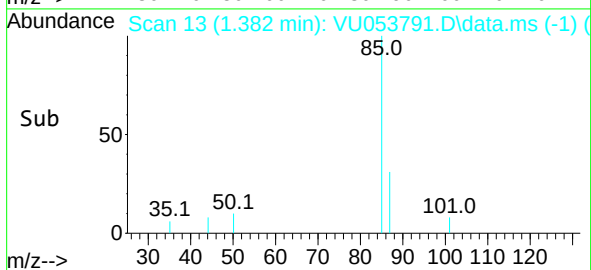
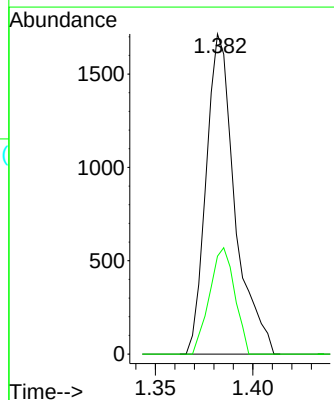
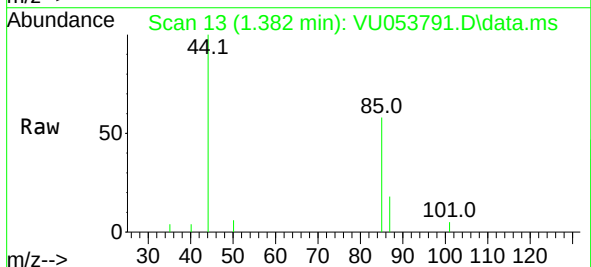
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

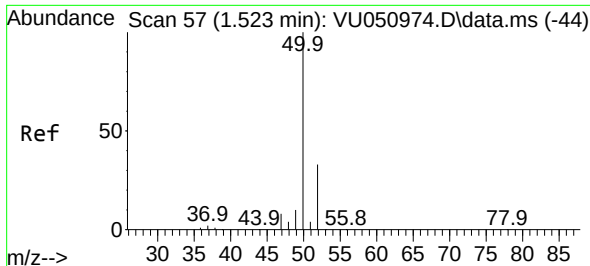
Tgt Ion: 96	Resp: 28787
Ion Ratio	Lower Upper
96 100	
70 18.5	16.5 24.7
95 9.1	7.4 11.0
97 6.4	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.201 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 85	Resp: 1756
Ion Ratio	Lower Upper
85 100	
87 30.6	16.2 48.6

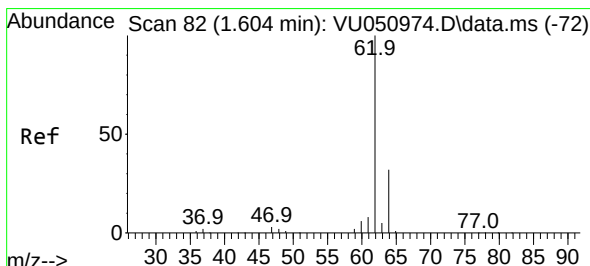
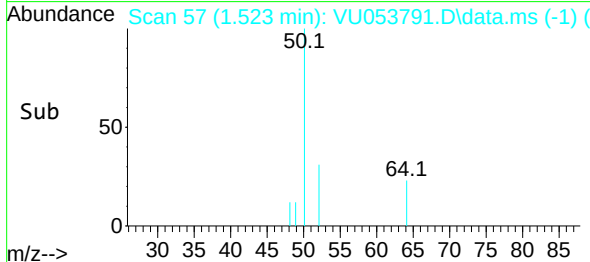
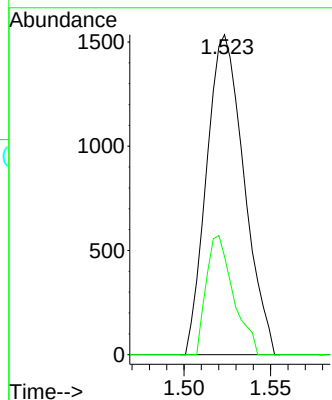
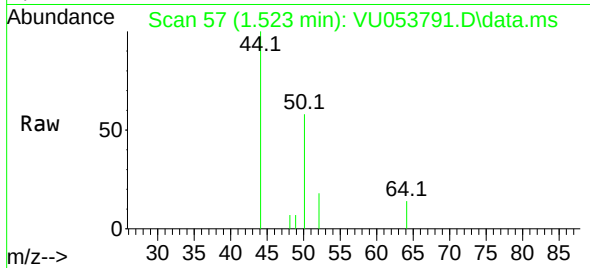




#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

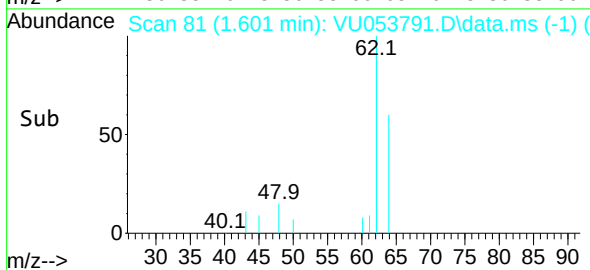
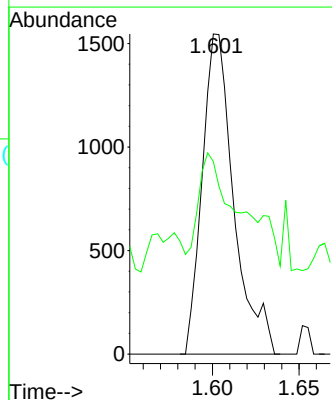
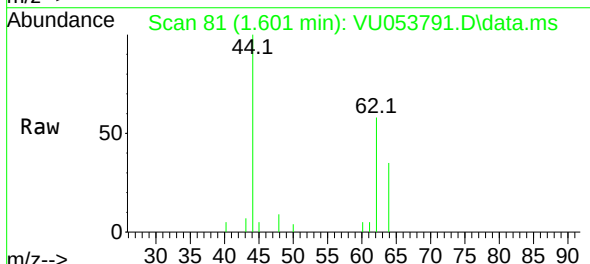
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

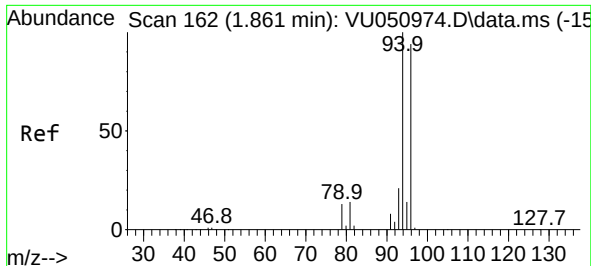
Tgt Ion: 50 Resp: 2303
Ion Ratio Lower Upper
50 100
52 30.7 26.6 40.0



#4
Vinyl Chloride
Concen: 0.216 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 62 Resp: 1964
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2

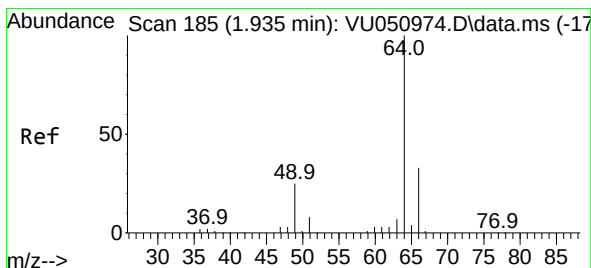
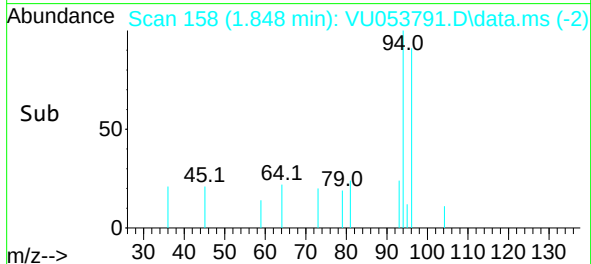
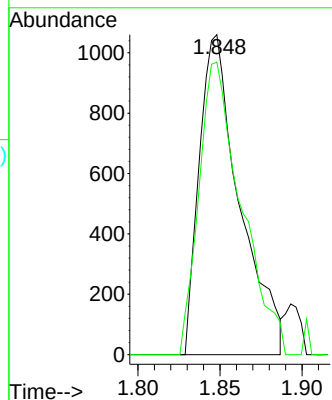
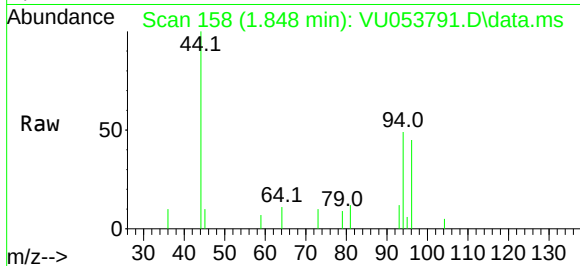




#5
Bromomethane
Concen: 0.264 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

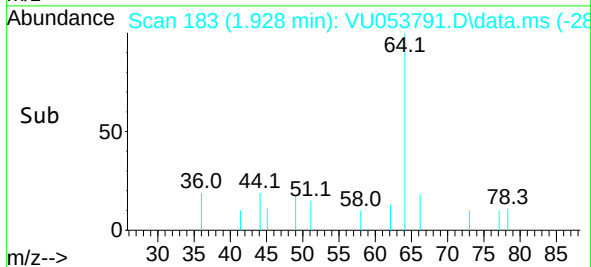
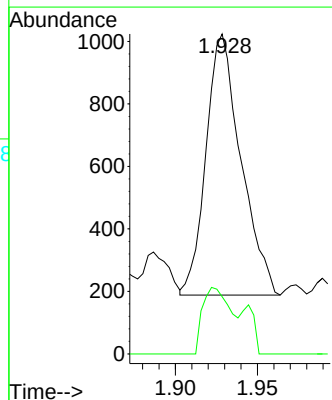
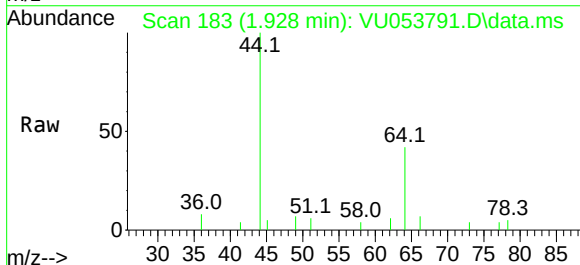
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

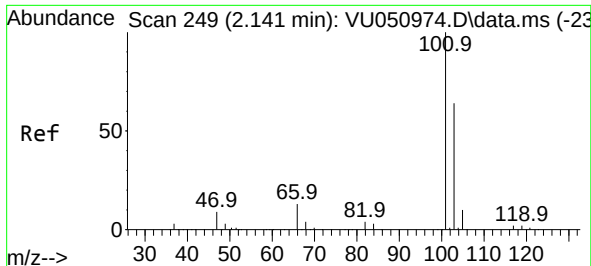
Tgt Ion: 94 Resp: 1807
Ion Ratio Lower Upper
94 100
96 91.4 75.4 113.2



#6
Chloroethane
Concen: 0.213 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 64 Resp: 1237
Ion Ratio Lower Upper
64 100
66 21.9 26.0 39.0#

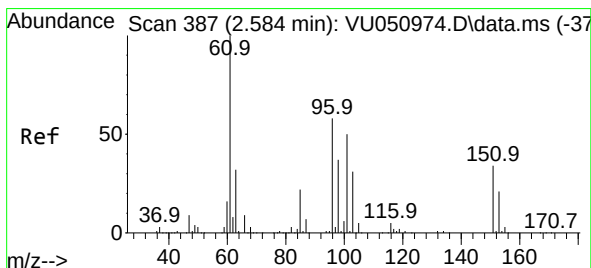
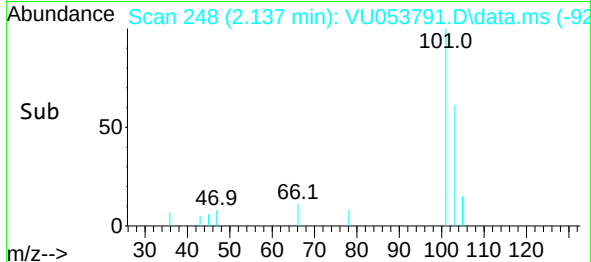
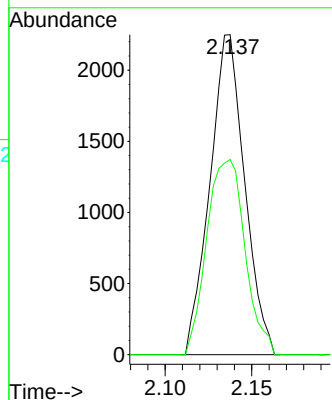
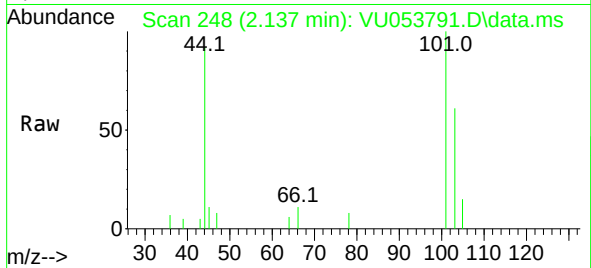




#7
 Trichlorofluoromethane
 Concen: 0.205 ug/l
 RT: 2.137 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VU053791.D
 Acq: 19 Apr 2023 20:14

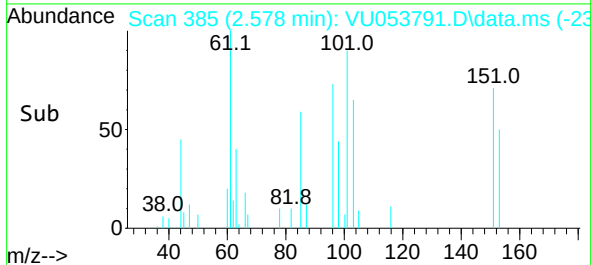
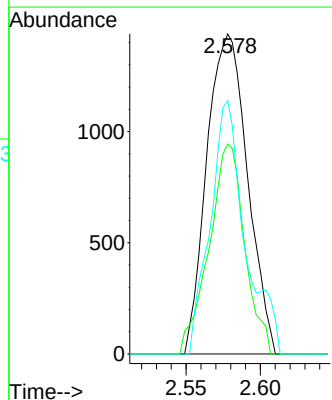
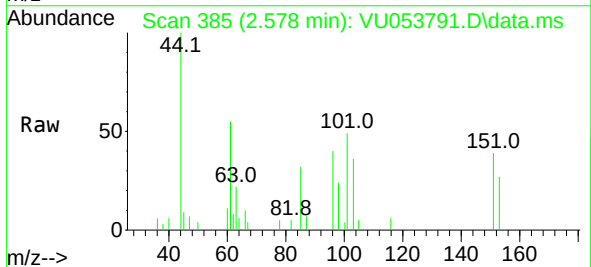
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 LOD-MDL-WATER-01-QT2-2023

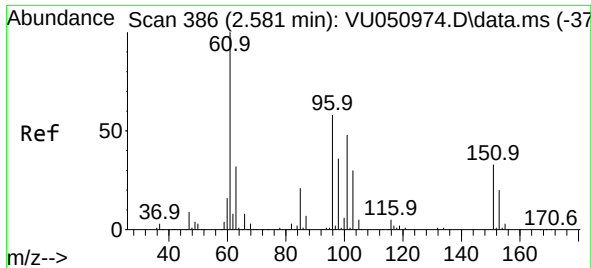
Tgt Ion:101 Resp: 3134
 Ion Ratio Lower Upper
 101 100
 103 61.0 51.4 77.0



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.276 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053791.D
 Acq: 19 Apr 2023 20:14

Tgt Ion:101 Resp: 2738
 Ion Ratio Lower Upper
 101 100
 85 57.3 35.4 53.0#
 151 67.9 54.0 81.0

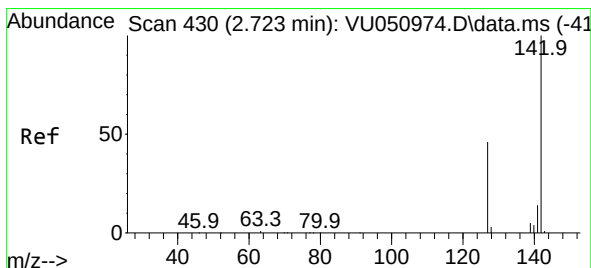
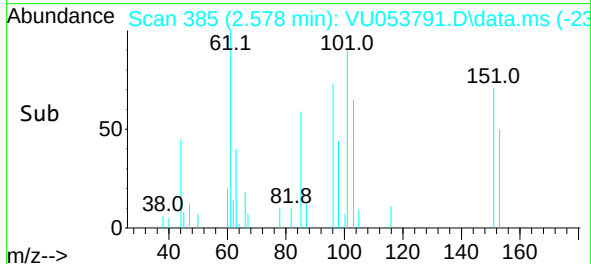
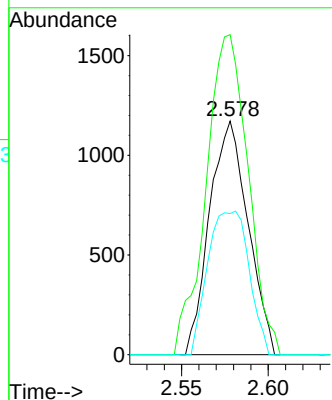
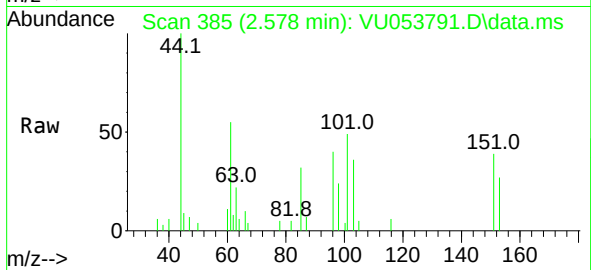




#9
1,1-Dichloroethene
Concen: 0.223 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

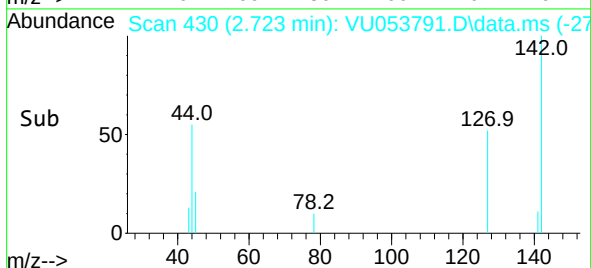
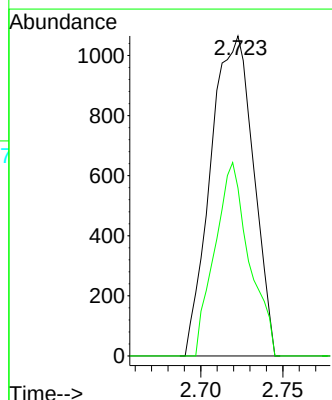
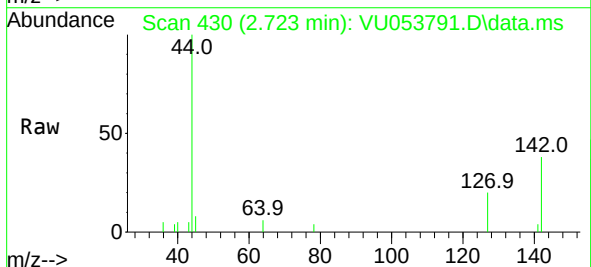
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

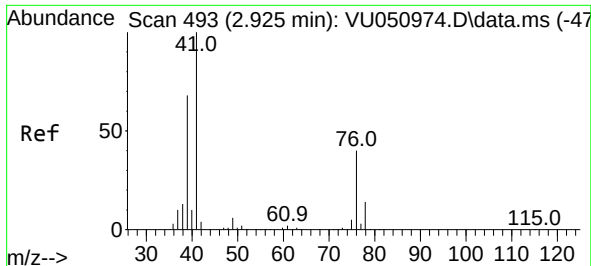
Tgt Ion: 96 Resp: 1813
Ion Ratio Lower Upper
96 100
61 136.9 0.0 521.4
98 60.4 0.0 125.8



#10
Iodomethane
Concen: 0.222 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 142 Resp: 1930
Ion Ratio Lower Upper
142 100
127 48.7 35.9 53.9





#11

Allyl Chloride

Concen: 0.228 ug/l

RT: 2.912 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

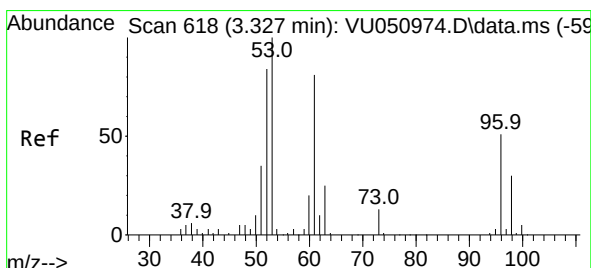
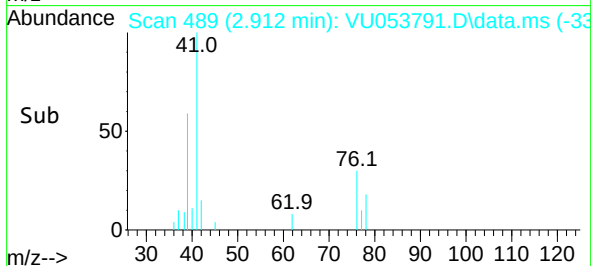
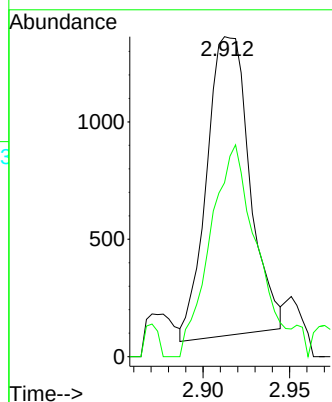
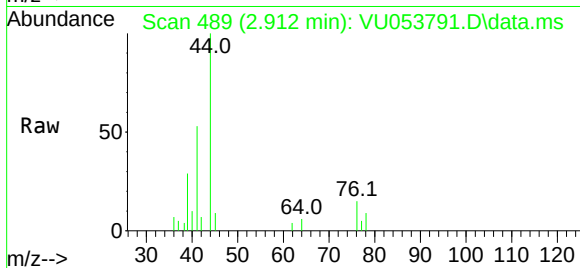
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 41 Resp: 2201

Ion Ratio Lower Upper

41 100

39 78.6 54.2 81.2



#12

Acrylonitrile

Concen: 0.436 ug/l

RT: 3.311 min Scan# 613

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

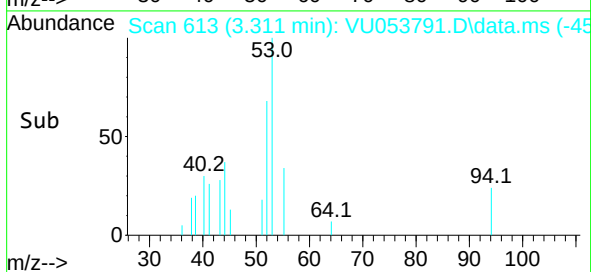
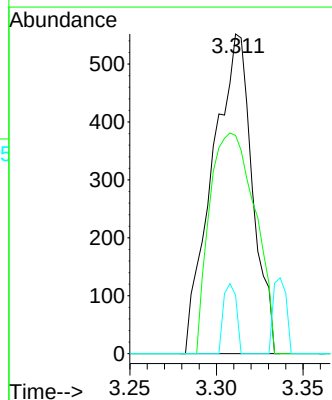
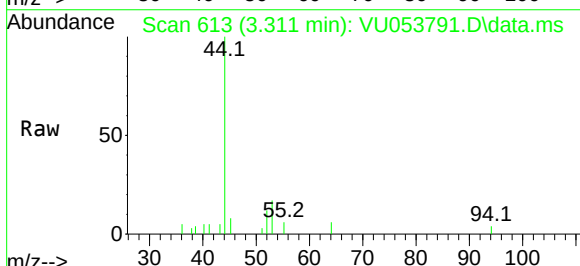
Tgt Ion: 53 Resp: 886

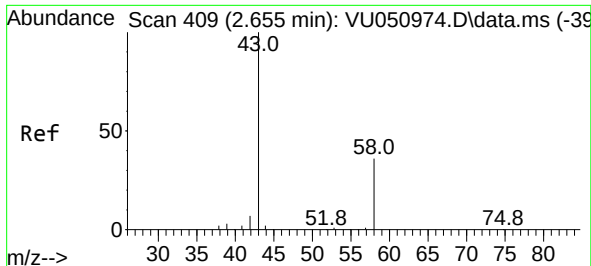
Ion Ratio Lower Upper

53 100

52 78.6 62.9 94.3

51 7.1 27.8 41.6#





#13

Acetone

Concen: 0.789 ug/l

RT: 2.617 min Scan# 397

Delta R.T. -0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

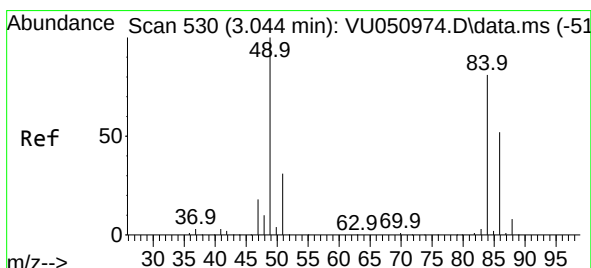
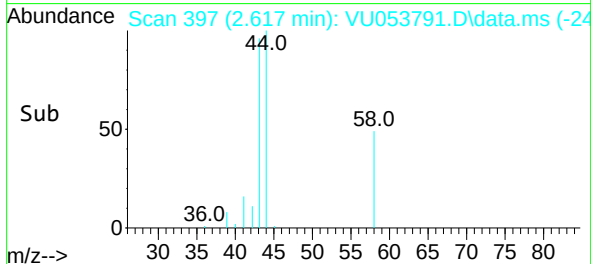
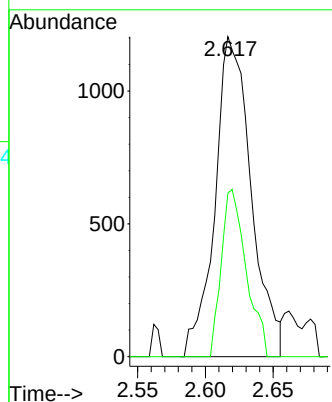
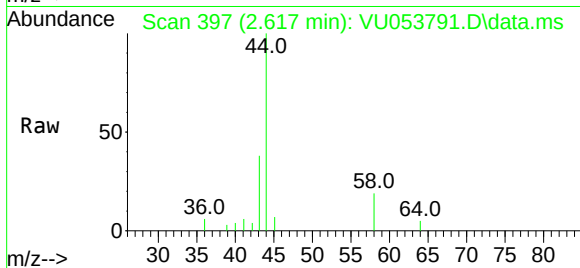
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 2242

Ion Ratio Lower Upper

43 100

58 51.1 29.0 43.4#



#15

Methylene Chloride

Concen: 0.433 ug/l

RT: 3.041 min Scan# 529

Delta R.T. -0.000 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Tgt Ion: 84 Resp: 5160

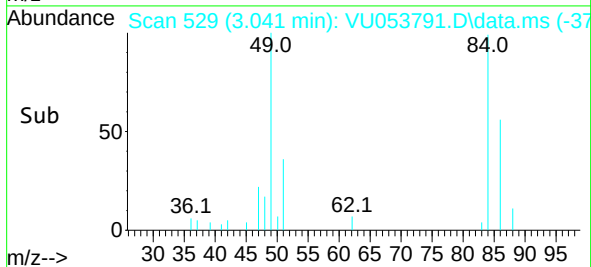
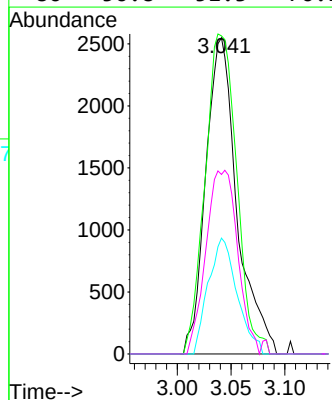
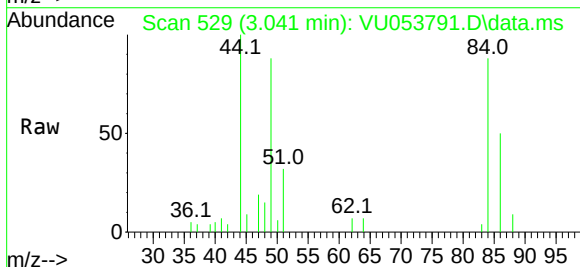
Ion Ratio Lower Upper

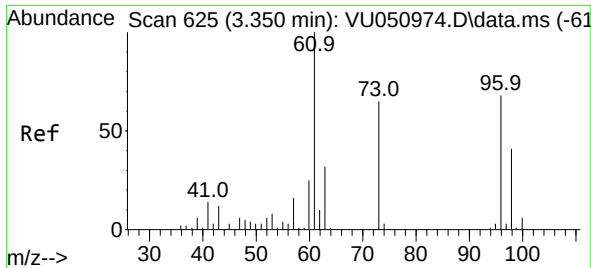
84 100

49 100.6 98.9 148.3

51 36.6 0.0 75.4

86 56.8 51.3 76.9

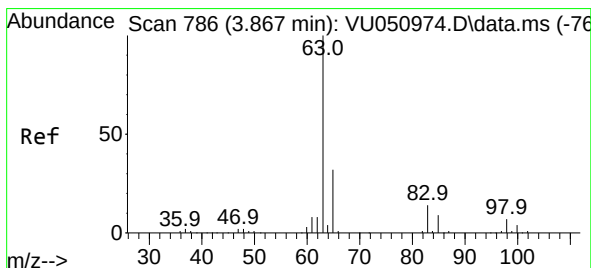
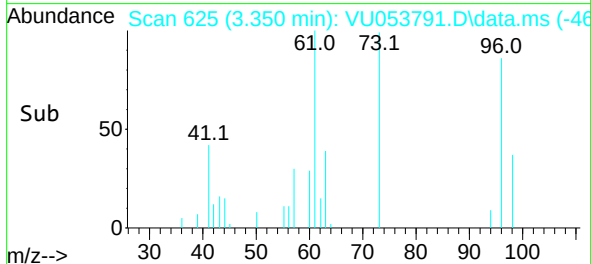
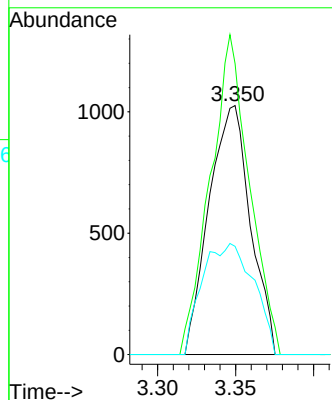
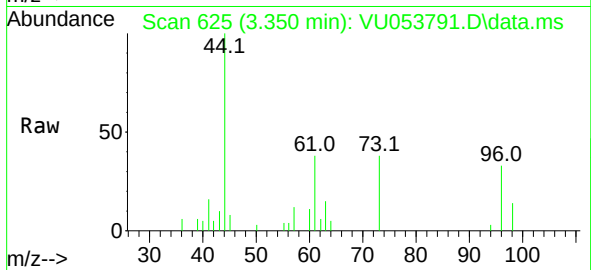




#16
trans-1,2-Dichloroethene
Concen: 0.216 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

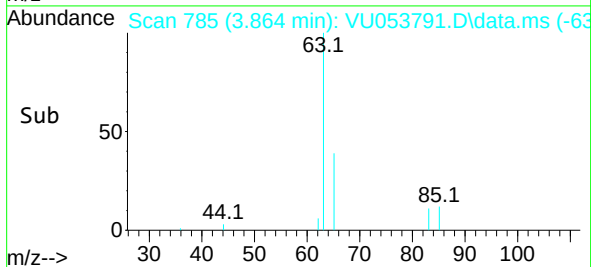
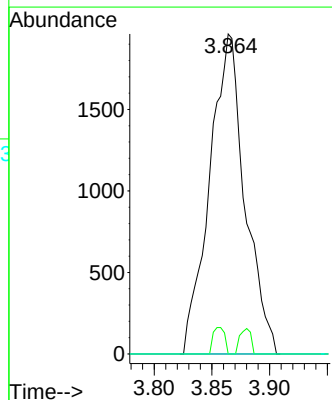
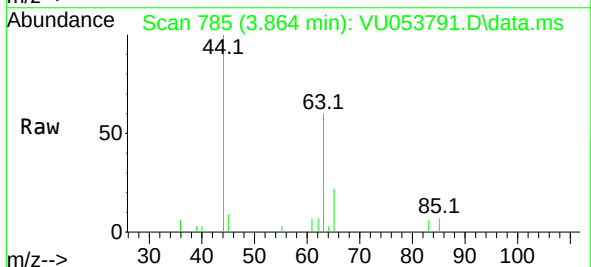
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

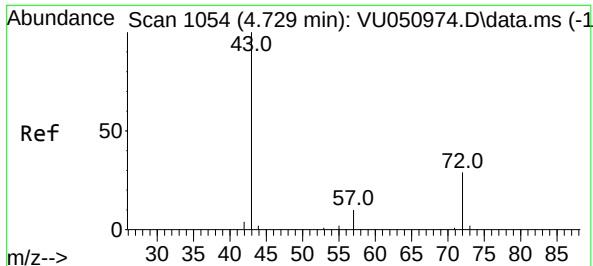
Tgt Ion: 96 Resp: 1899
Ion Ratio Lower Upper
96 100
61 116.9 117.5 176.3#
98 43.5 48.3 72.5#



#17
1,1-Dichloroethane
Concen: 0.230 ug/l
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 63 Resp: 4170
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.1#
100 0.0 2.2 6.6#





#18

2-Butanone

Concen: 0.866 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

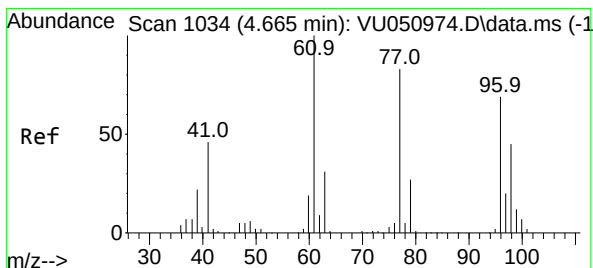
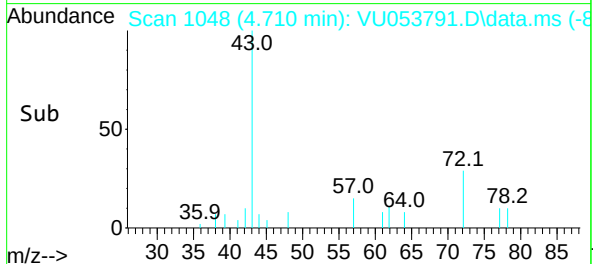
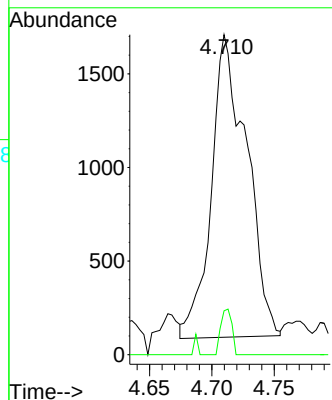
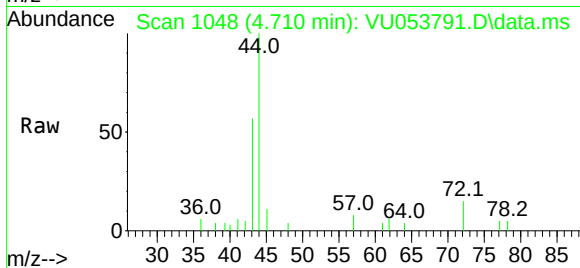
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 3190

Ion Ratio Lower Upper

43 100

57 14.8 0.0 19.6



#21

2,2-Dichloropropane

Concen: 0.246 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VU053791.D

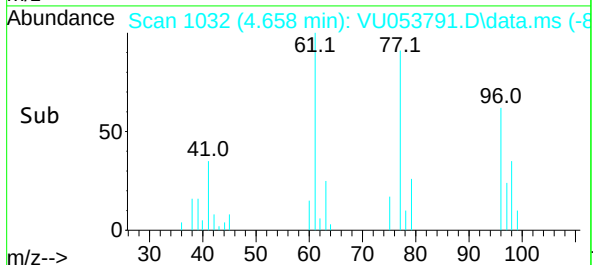
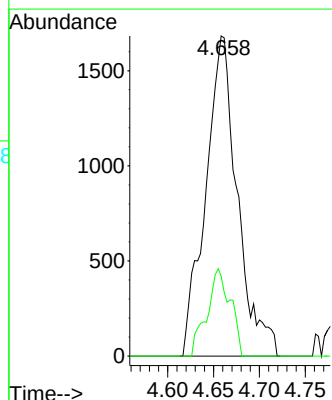
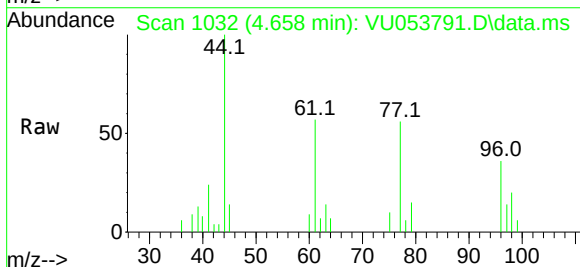
Acq: 19 Apr 2023 20:14

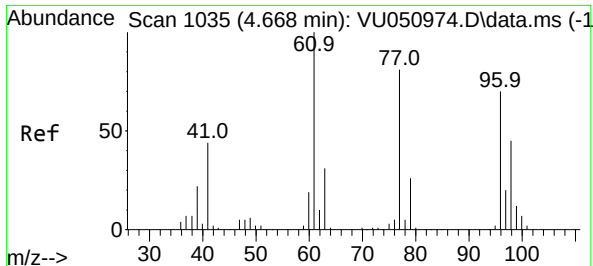
Tgt Ion: 77 Resp: 4053

Ion Ratio Lower Upper

77 100

97 20.0 18.4 27.6





#22

cis-1,2-Dichloroethene

Concen: 0.229 ug/l

RT: 4.661 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

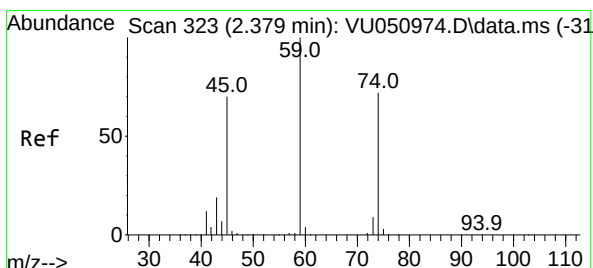
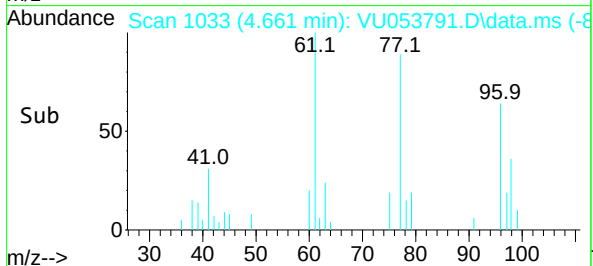
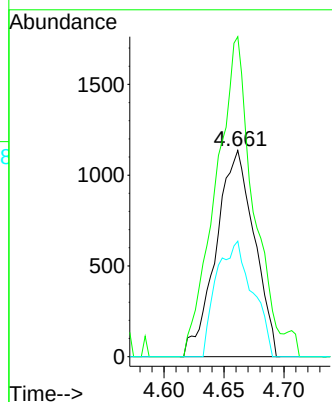
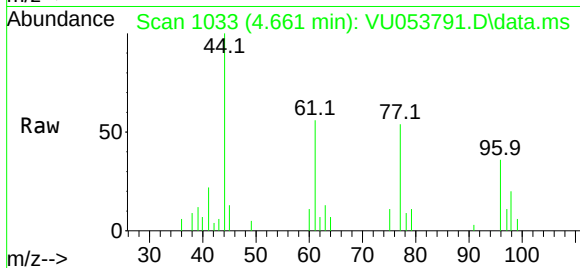
Tgt Ion: 96 Resp: 2522

Ion Ratio Lower Upper

96 100

61 151.6 0.0 365.8

98 52.8 32.0 96.0



#23

Diethyl Ether

Concen: 0.213 ug/l

RT: 2.372 min Scan# 321

Delta R.T. -0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

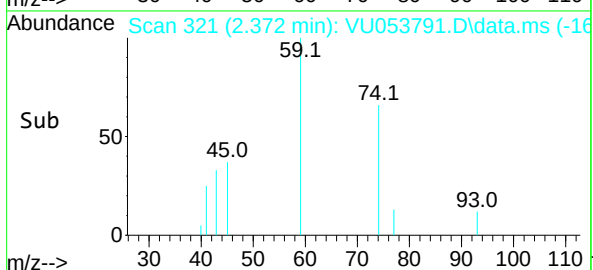
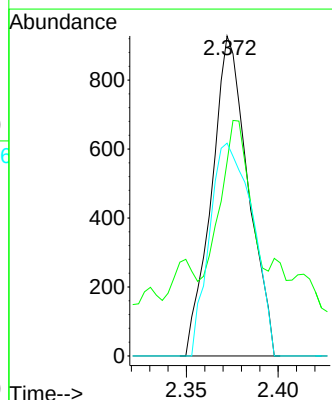
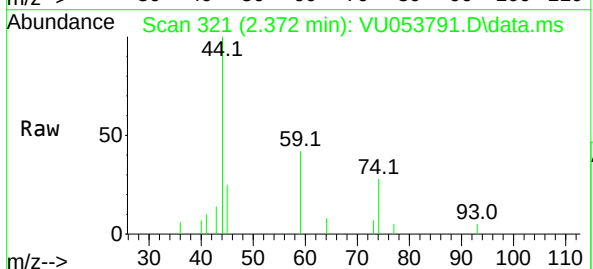
Tgt Ion: 59 Resp: 1280

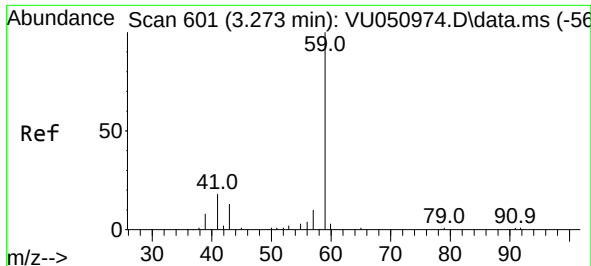
Ion Ratio Lower Upper

59 100

45 40.0 56.1 84.1#

74 78.7 57.4 86.2

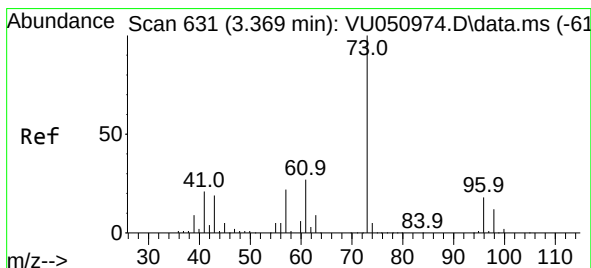
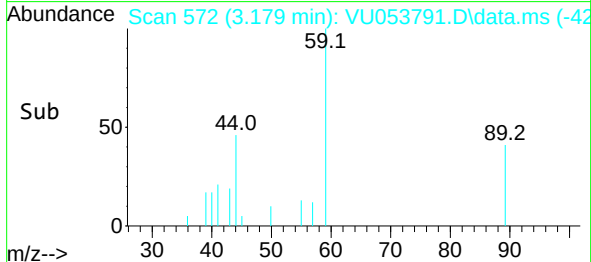
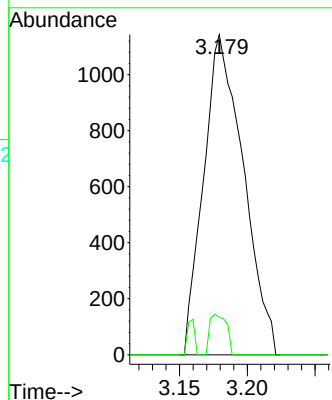
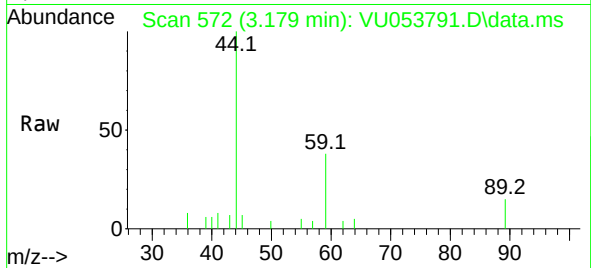




#24
tert-Butyl Alcohol
Concen: 2.989 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

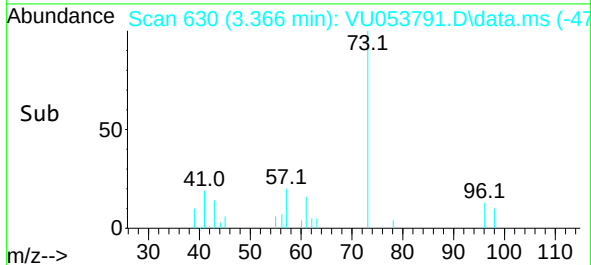
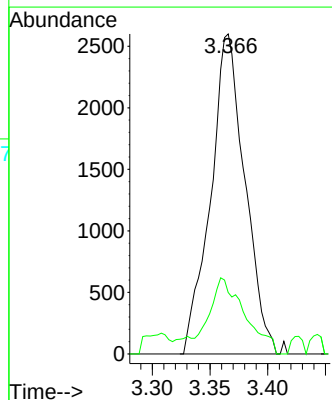
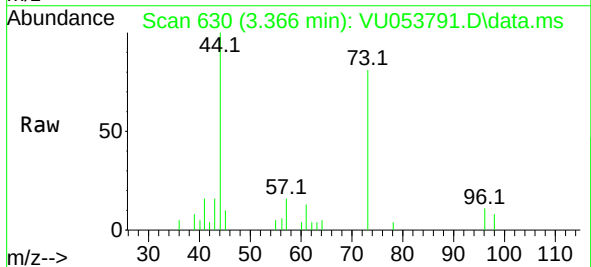
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

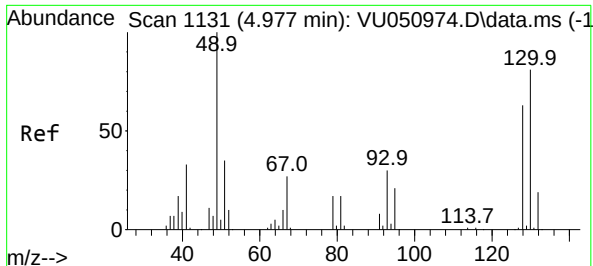
Tgt Ion: 59 Resp: 2328
Ion Ratio Lower Upper
59 100
57 5.3 105.6 158.4#



#25
Methyl tert-Butyl Ether
Concen: 0.236 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 73 Resp: 5364
Ion Ratio Lower Upper
73 100
43 24.6 15.0 22.6#





#26

Bromochloromethane

Concen: 0.212 ug/l

RT: 4.964 min Scan# 1127

Delta R.T. -0.003 min

Lab File: VU053791.D

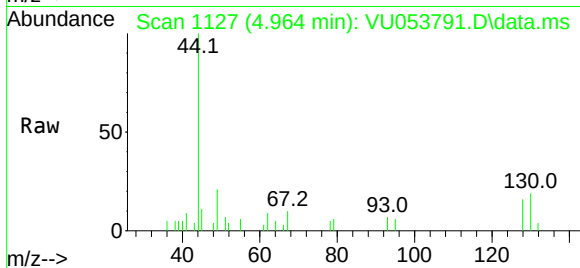
Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



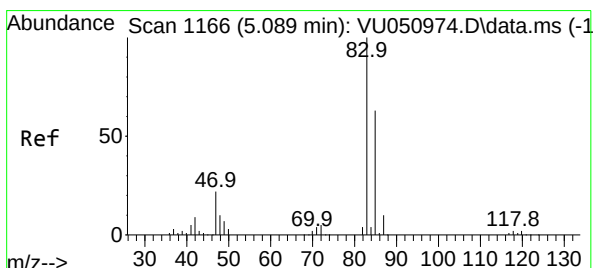
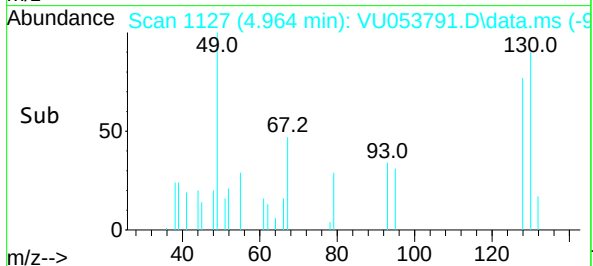
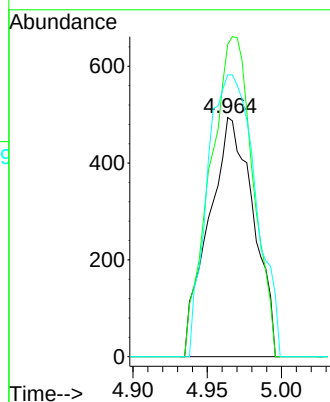
Tgt Ion:128 Resp: 1030

Ion Ratio Lower Upper

128 100

49 128.9 0.0 324.6

130 127.4 103.0 154.4



#27

Chloroform

Concen: 0.233 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU053791.D

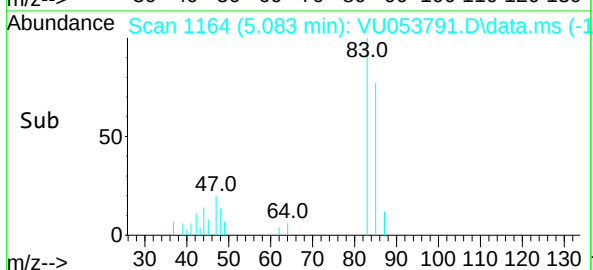
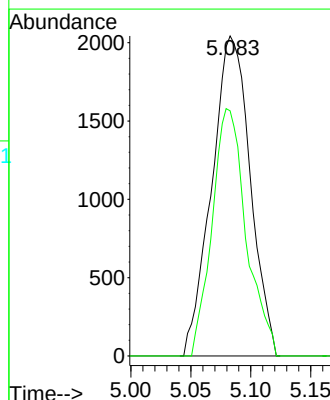
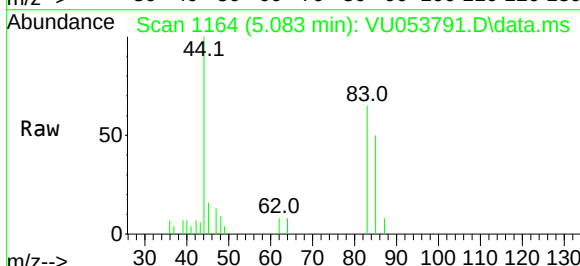
Acq: 19 Apr 2023 20:14

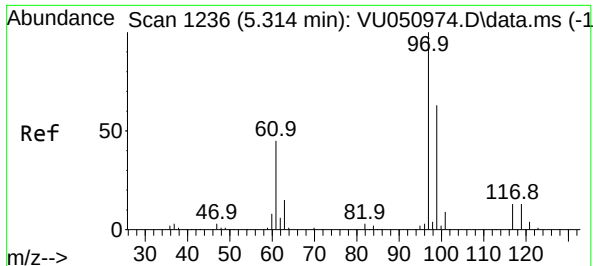
Tgt Ion: 83 Resp: 4567

Ion Ratio Lower Upper

83 100

85 76.6 0.0 126.4

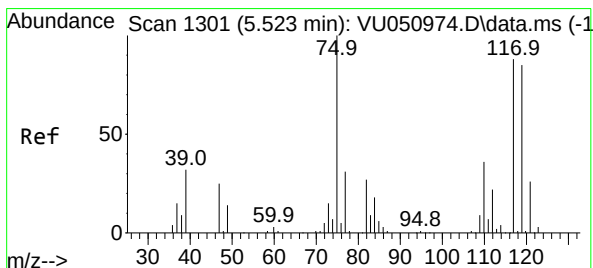
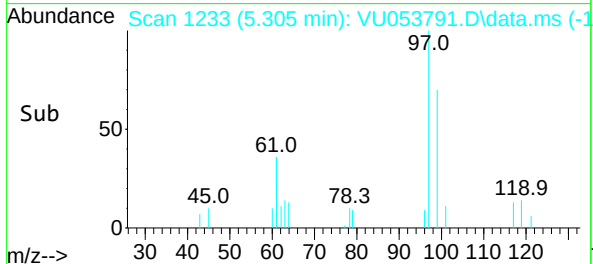
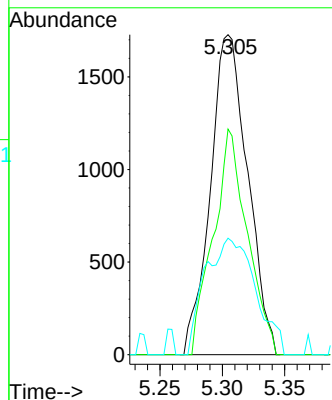
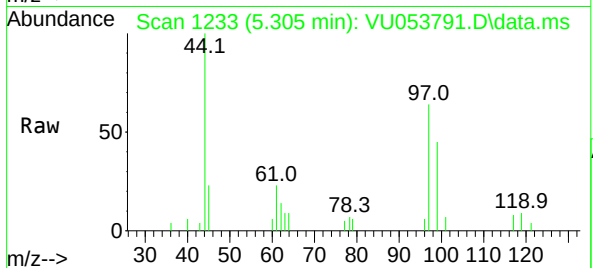




#28
1,1,1-Trichloroethane
Concen: 0.222 ug/l
RT: 5.305 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

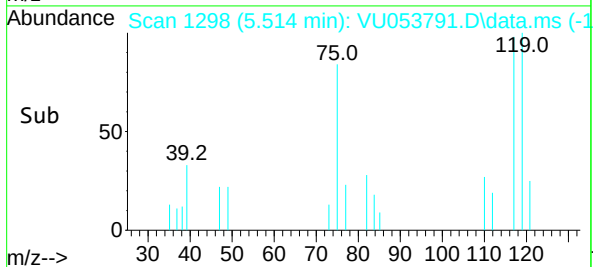
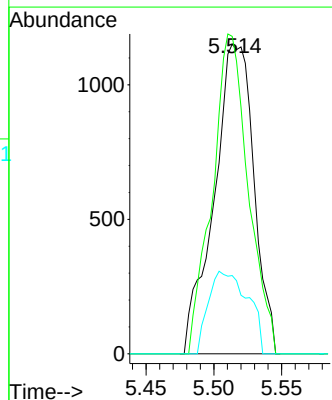
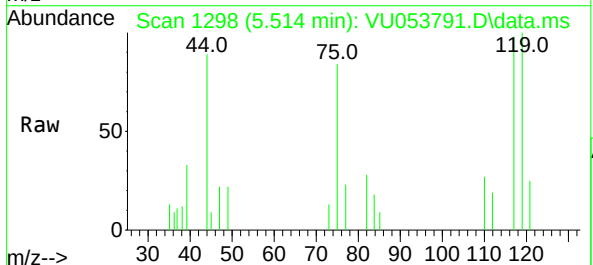
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

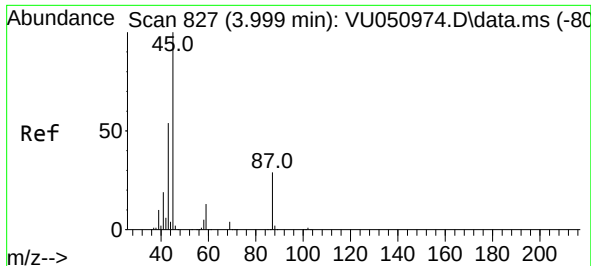
Tgt Ion: 97	Resp:	3603	
Ion	Ratio	Lower	Upper
97	100		
99	64.4	32.0	96.2
61	49.1	22.9	68.5



#30
Carbon Tetrachloride
Concen: 0.203 ug/l
RT: 5.514 min Scan# 1298
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

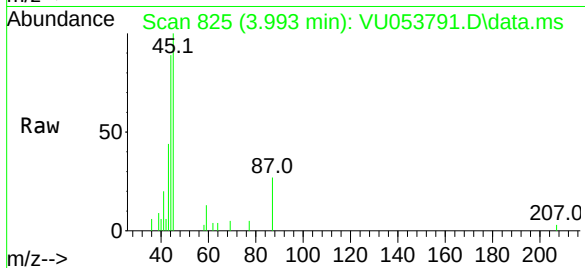
Tgt Ion:117	Resp:	2359	
Ion	Ratio	Lower	Upper
117	100		
119	102.5	77.4	116.0
121	25.3	24.0	36.0



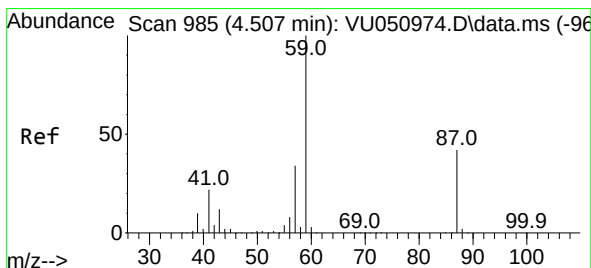
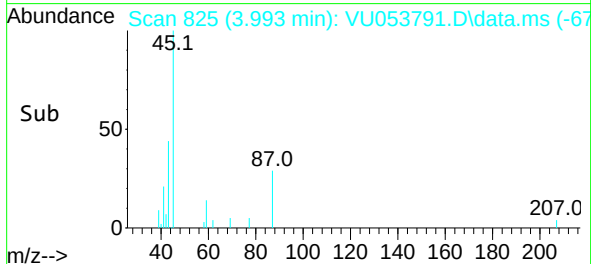
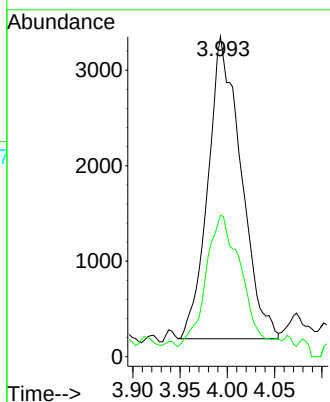


#31
Isopropyl Ether
Concen: 0.293 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

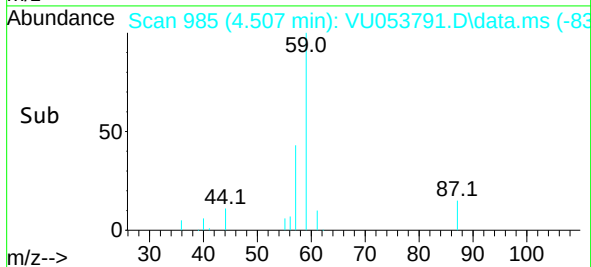
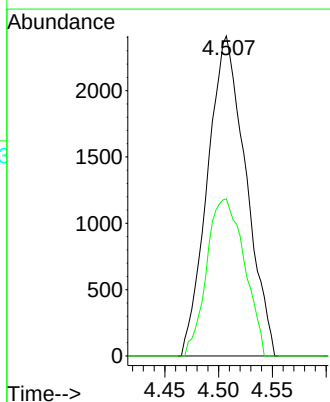
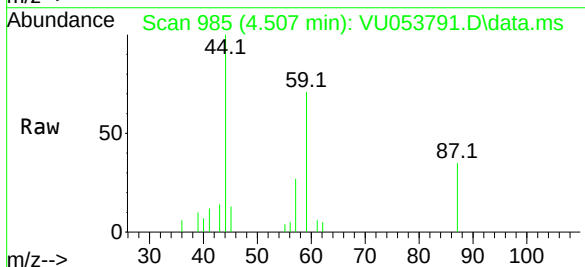


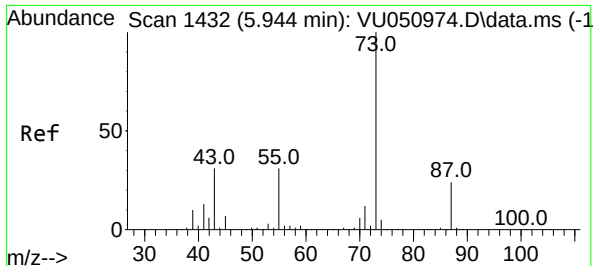
Tgt Ion: 45 Resp: 7696
Ion Ratio Lower Upper
45 100
43 45.9 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 0.225 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 59 Resp: 5964
Ion Ratio Lower Upper
59 100
87 48.3 33.5 50.3

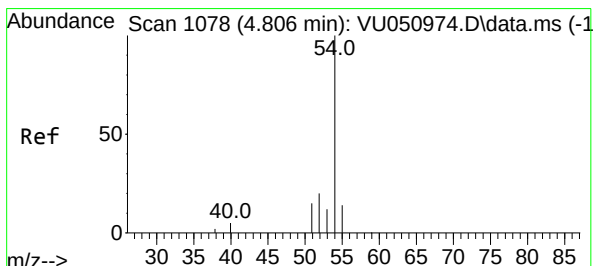
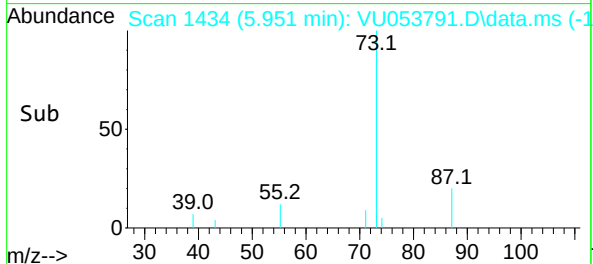
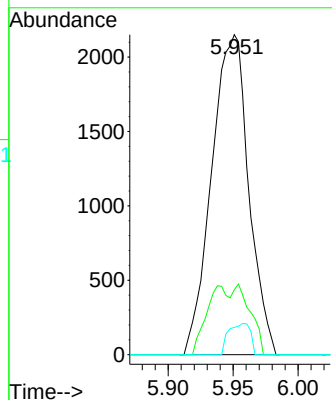
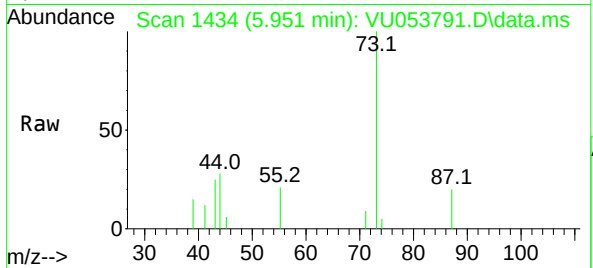




#33
Tert-Amyl methyl ether
Concen: 0.220 ug/l
RT: 5.951 min Scan# 1432
Delta R.T. 0.007 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

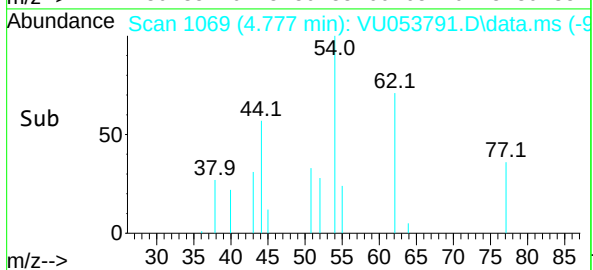
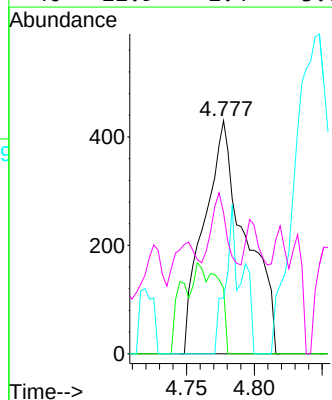
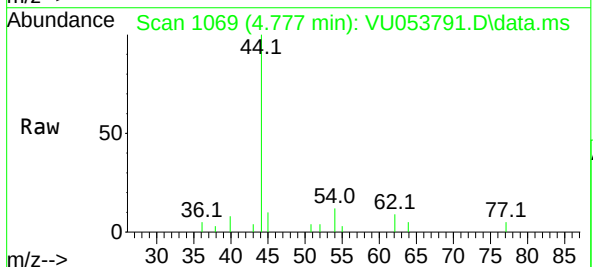
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

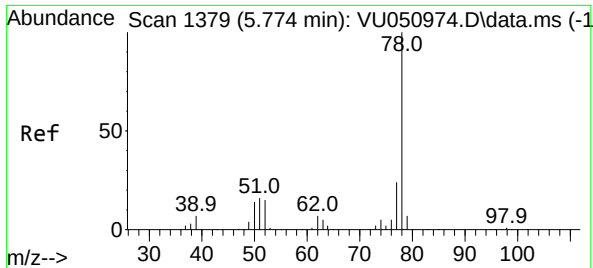
Tgt Ion: 73 Resp: 4267
Ion Ratio Lower Upper
73 100
87 13.4 18.6 28.0#
71 5.7 9.9 14.9#



#34
Propionitrile
Concen: 1.114 ug/l
RT: 4.777 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 54 Resp: 917
Ion Ratio Lower Upper
54 100
52 0.0 17.4 26.0#
55 25.1 104.1 156.1#
40 22.9 2.4 3.6#

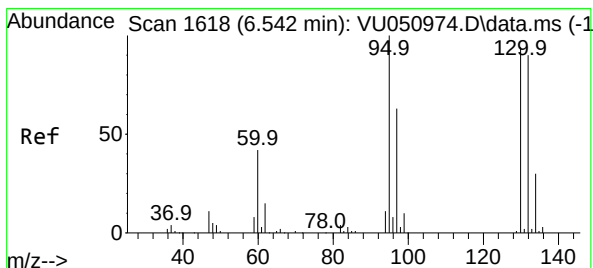
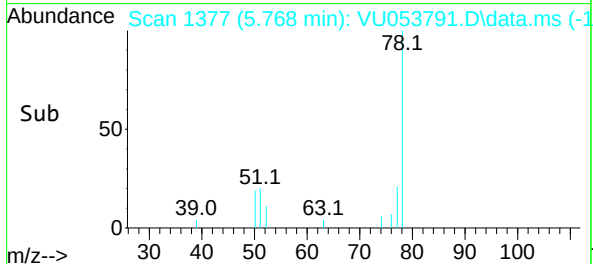
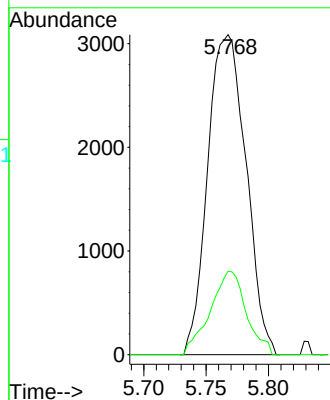
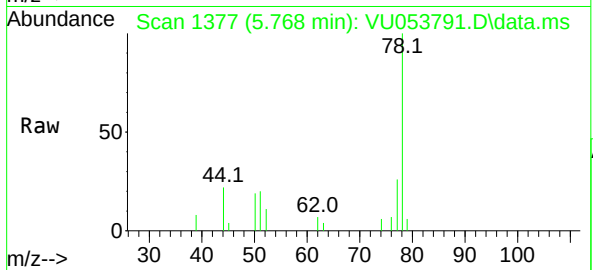




#35
Benzene
Concen: 0.207 ug/l
RT: 5.768 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

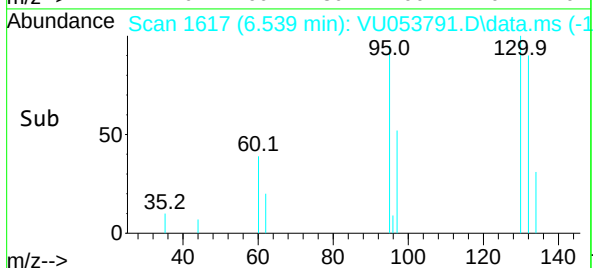
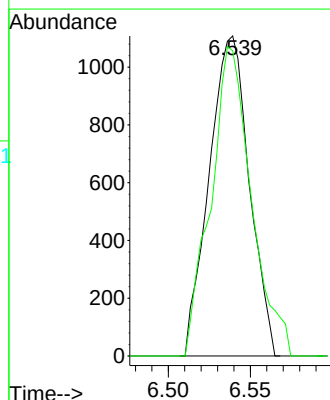
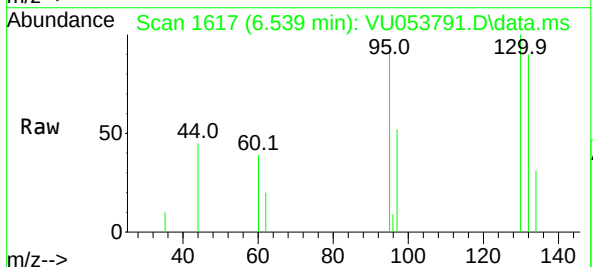
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

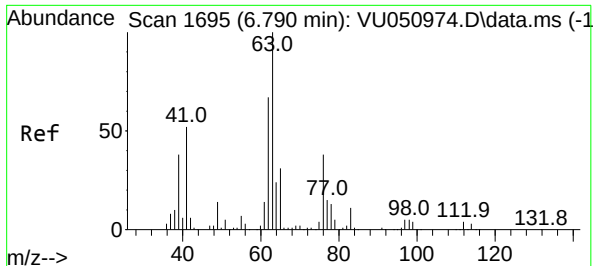
Tgt Ion: 78 Resp: 6603
Ion Ratio Lower Upper
78 100
77 26.1 18.9 28.3



#37
Trichloroethene
Concen: 0.208 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 130 Resp: 1880
Ion Ratio Lower Upper
130 100
95 95.4 85.0 127.6





#38

1,2-Dichloropropane

Concen: 0.207 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

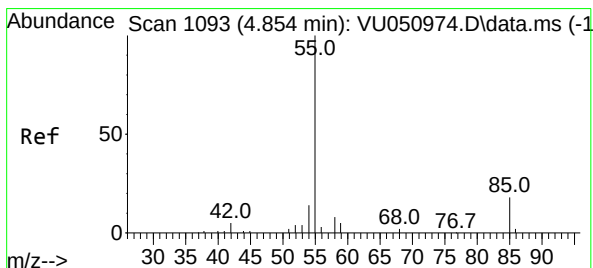
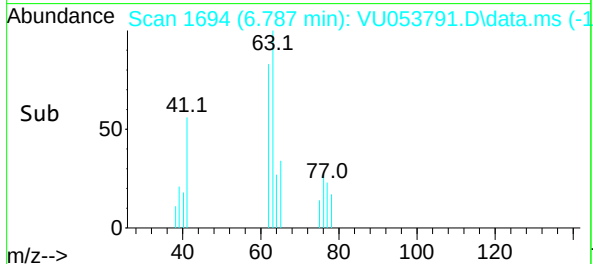
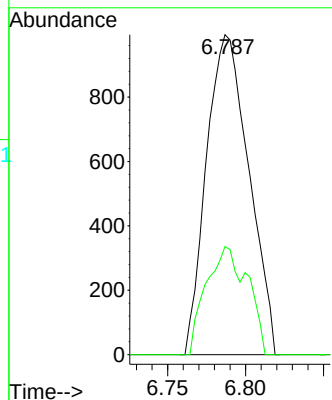
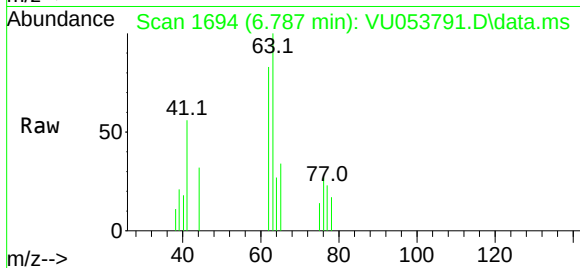
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 63 Resp: 1879

Ion Ratio Lower Upper

63 100

65 33.8 24.9 37.3



#40

Methyl acrylate

Concen: 0.264 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Tgt Ion: 55 Resp: 1435

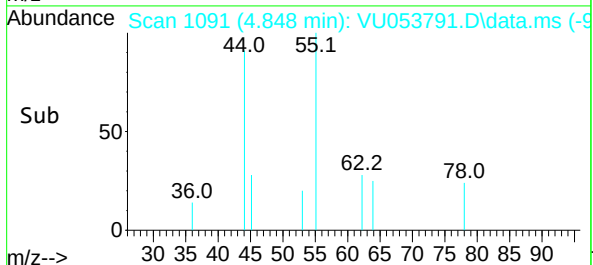
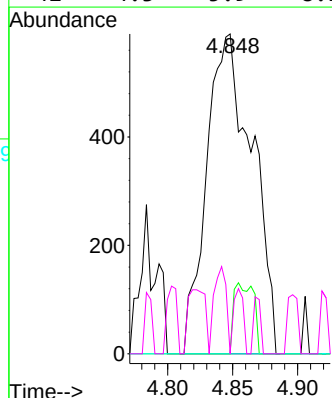
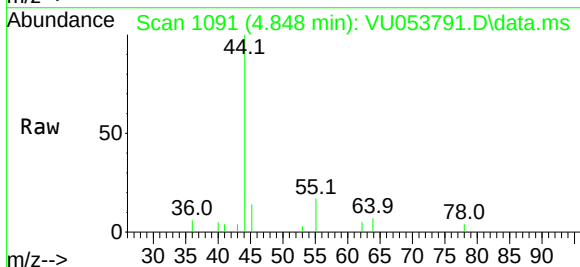
Ion Ratio Lower Upper

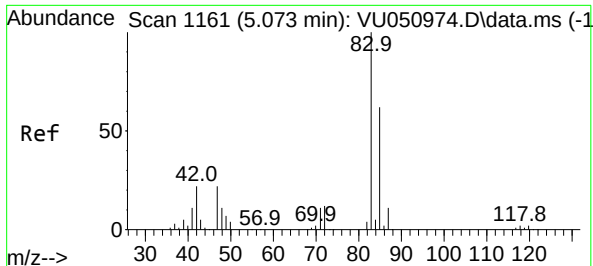
55 100

85 9.6 13.3 19.9#

58 0.0 6.5 9.7#

42 4.3 5.9 8.9#





#41

Tetrahydrofuran

Concen: 0.593 ug/l

RT: 5.067 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

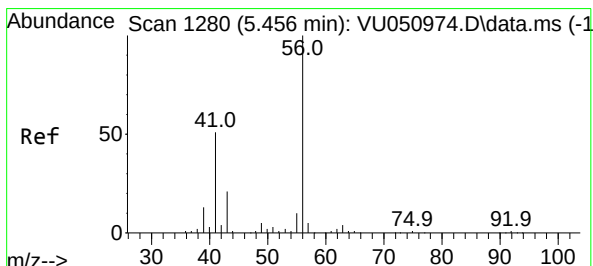
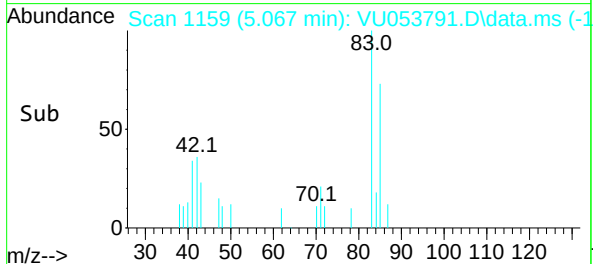
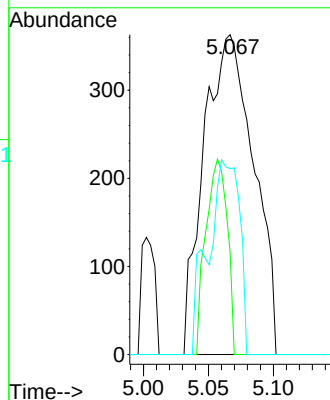
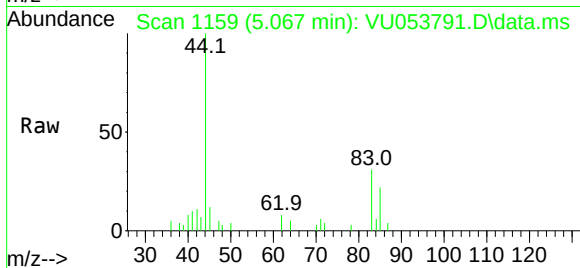
Tgt Ion: 42 Resp: 971

Ion Ratio Lower Upper

42 100

72 26.2 40.9 61.3#

71 29.5 36.9 55.3#



#42

1-Chlorobutane

Concen: 0.218 ug/l

RT: 5.449 min Scan# 1278

Delta R.T. -0.000 min

Lab File: VU053791.D

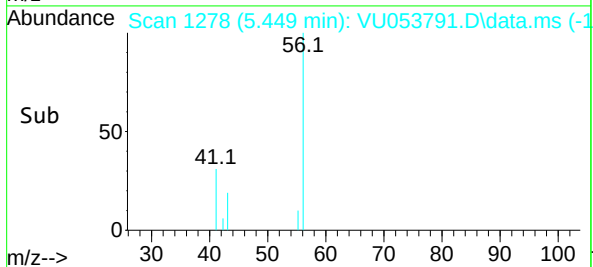
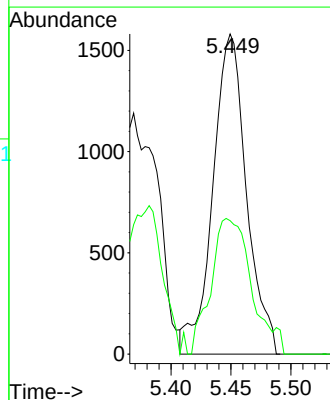
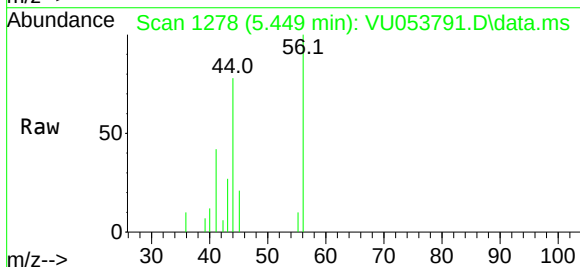
Acq: 19 Apr 2023 20:14

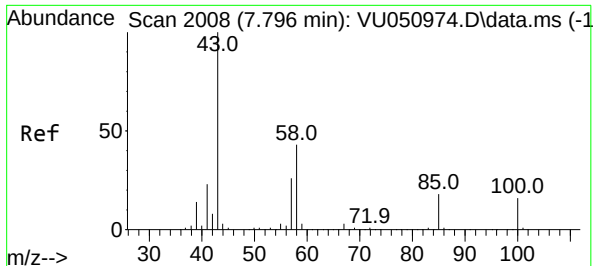
Tgt Ion: 56 Resp: 3079

Ion Ratio Lower Upper

56 100

41 51.3 25.2 75.6





#45

4-Methyl-2-Pentanone

Concen: 0.865 ug/l

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

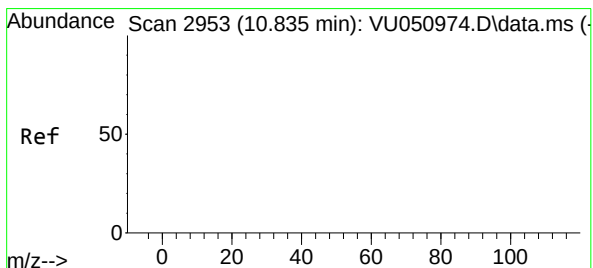
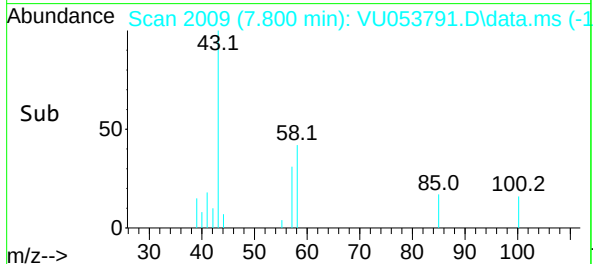
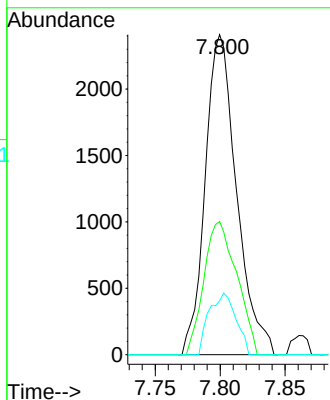
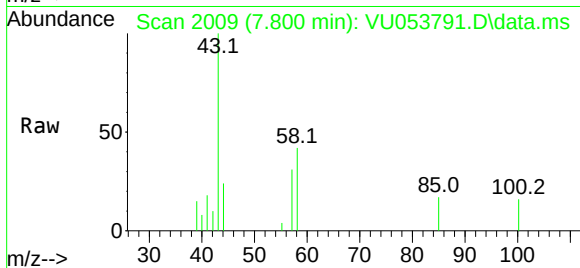
Tgt Ion: 43 Resp: 4042

Ion Ratio Lower Upper

43 100

58 43.6 20.9 62.8

85 16.5 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 0.987 ug/l

RT: 10.832 min Scan# 2952

Delta R.T. -0.000 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Tgt Ion: 75 Resp: 1916

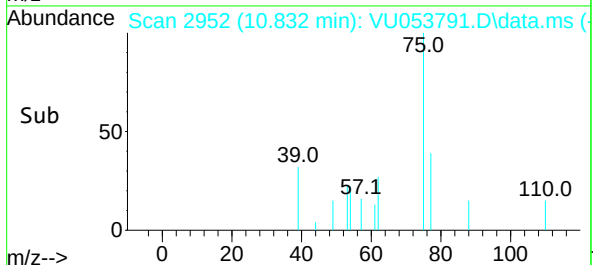
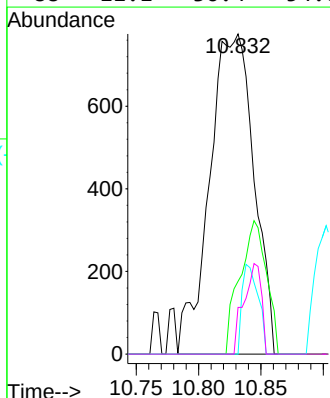
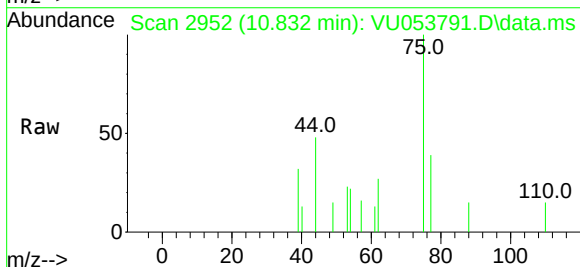
Ion Ratio Lower Upper

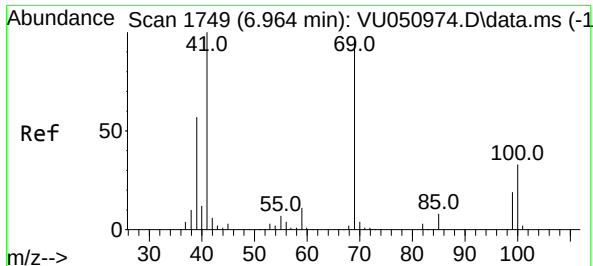
75 100

53 25.1 73.3 109.9#

89 10.1 48.2 72.4#

88 11.1 36.4 54.6#

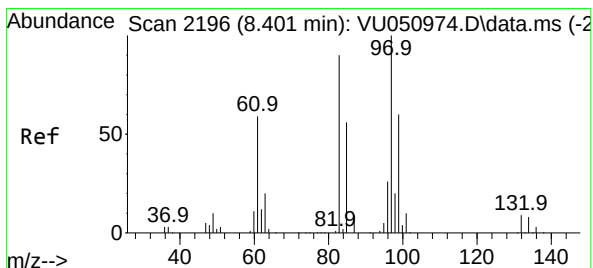
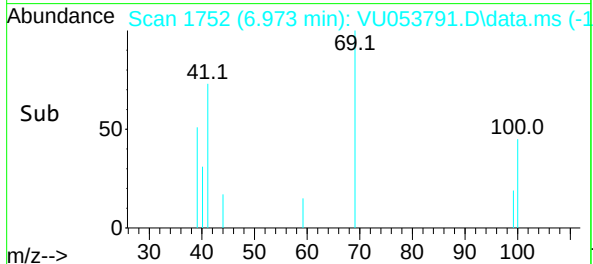
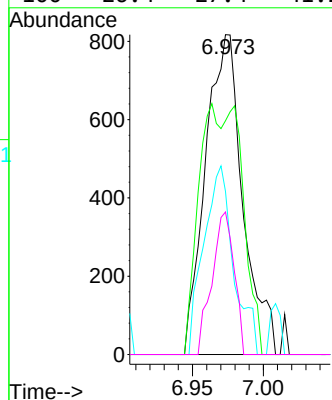
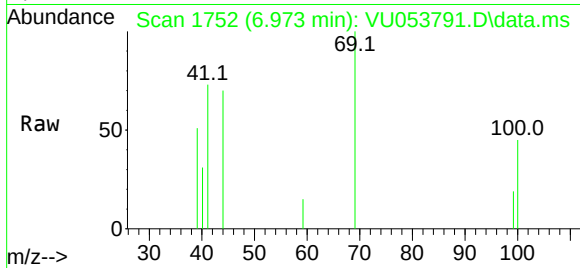




#47
Methyl methacrylate
Concen: 0.371 ug/l
RT: 6.973 min Scan# 1752
Delta R.T. 0.010 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

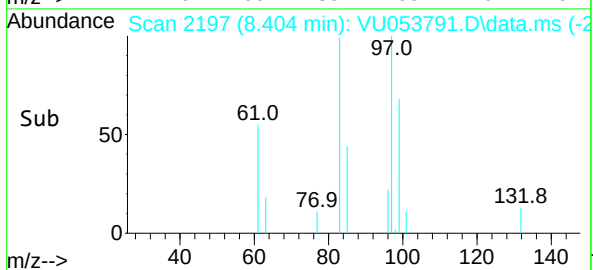
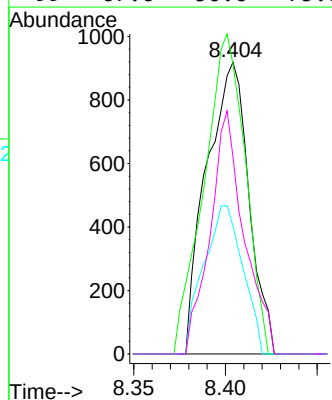
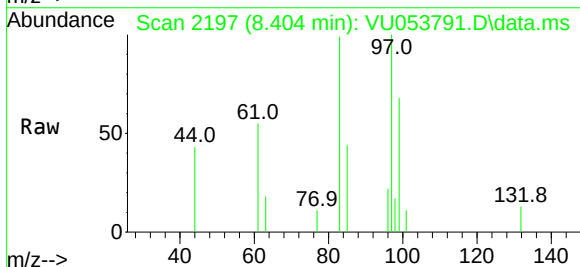
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

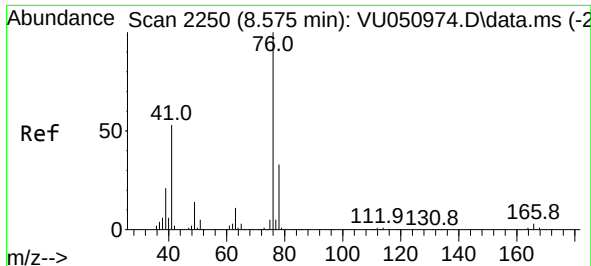
Tgt Ion:	69	Resp:	1499
Ion	Ratio	Lower	Upper
69	100		
41	48.4	0.0	209.2
39	47.2	46.7	70.1
100	26.4	27.4	41.2



#52
1,1,2-Trichloroethane
Concen: 0.202 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.006 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion:	97	Resp:	1473
Ion	Ratio	Lower	Upper
97	100		
83	99.3	71.8	107.8
85	43.9	45.2	67.8
99	67.6	50.6	75.8





#53

1,3-Dichloropropane

Concen: 0.207 ug/l

RT: 8.574 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

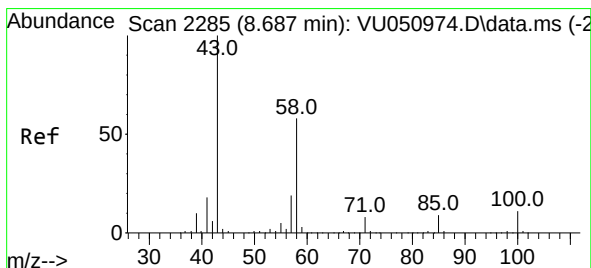
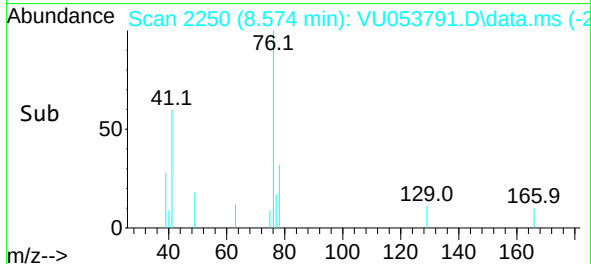
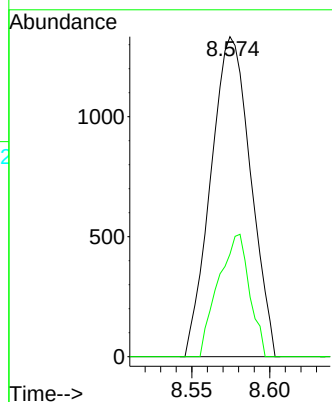
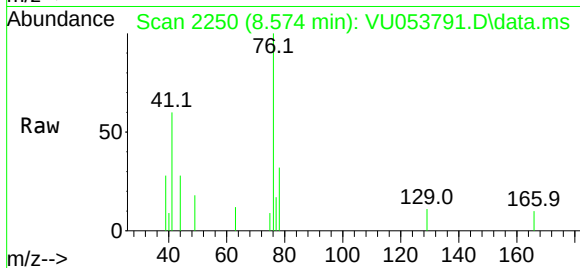
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 76 Resp: 2365

Ion Ratio Lower Upper

76 100

78 30.0 25.9 38.9



#54

2-Hexanone

Concen: 0.638 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

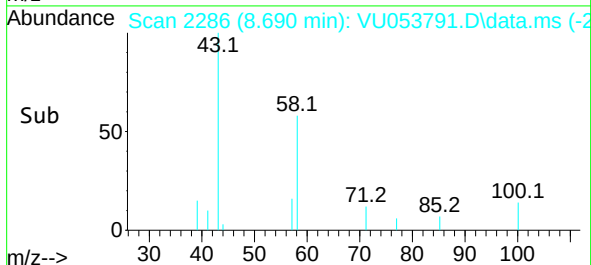
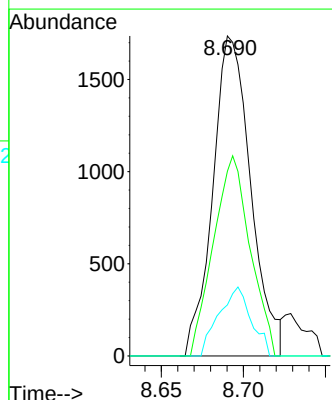
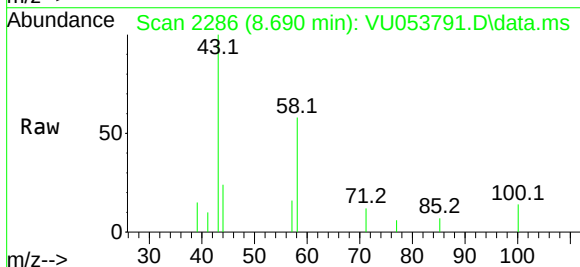
Tgt Ion: 43 Resp: 2796

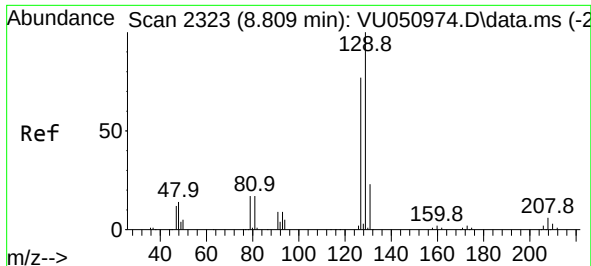
Ion Ratio Lower Upper

43 100

58 60.3 38.2 78.2

57 18.3 0.0 39.1

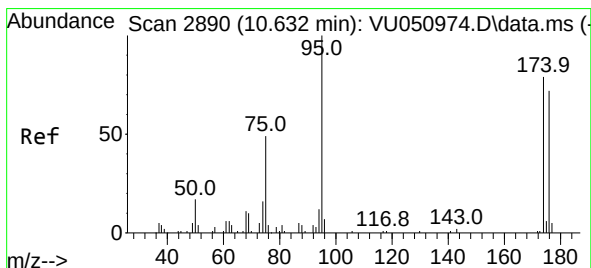
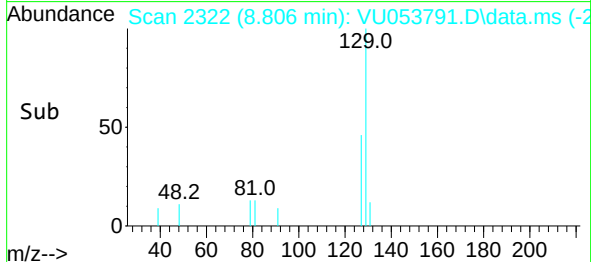
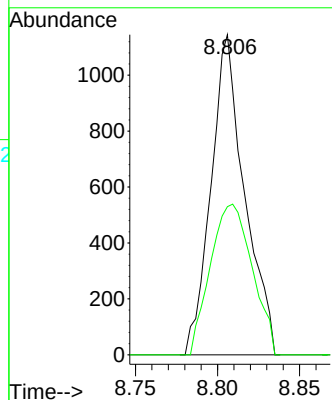
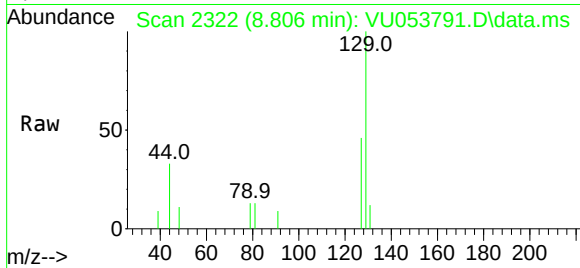




#55
Dibromochloromethane
Concen: 0.212 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

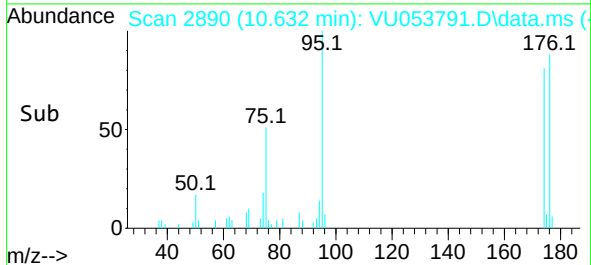
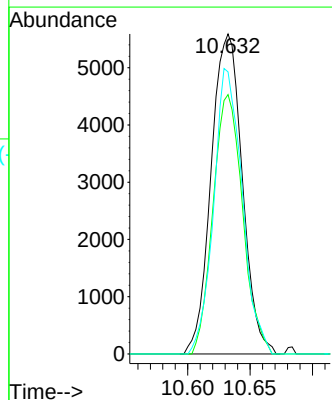
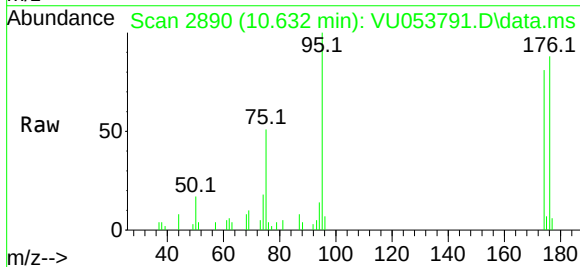
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

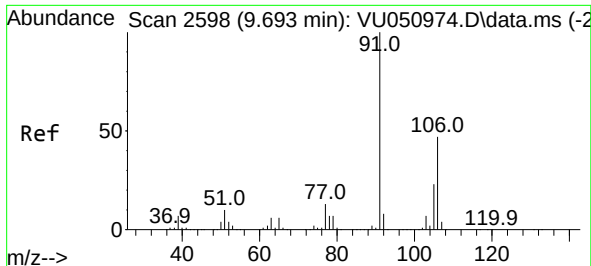
Tgt Ion:129 Resp: 1627
Ion Ratio Lower Upper
129 100
127 58.8 61.4 92.0#



#57
4-Bromofluorobenzene
Concen: 0.860 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 95 Resp: 9705
Ion Ratio Lower Upper
95 100
174 77.3 63.3 94.9
176 81.8 59.3 88.9

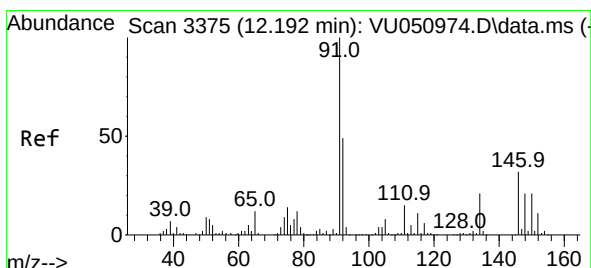
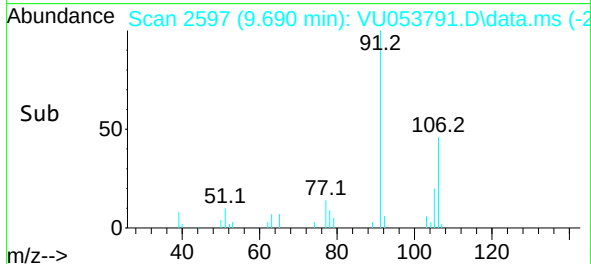
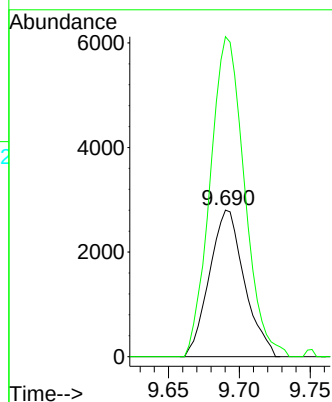
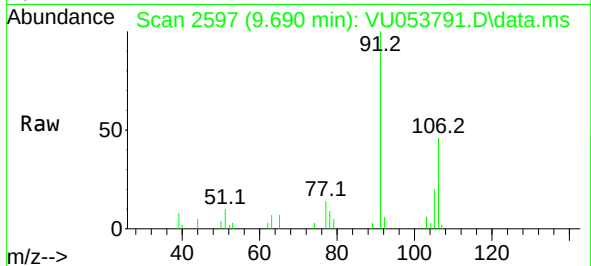




#64
m/p-Xylenes
Concen: 0.309 ug/l
RT: 9.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

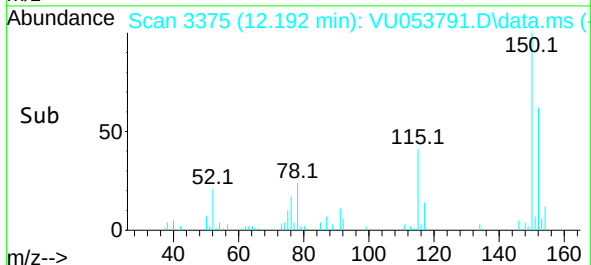
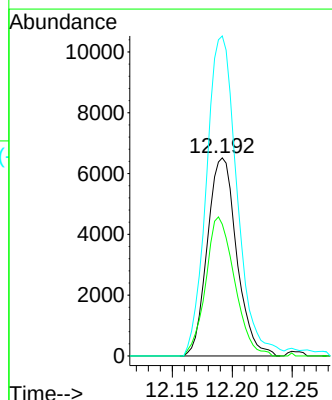
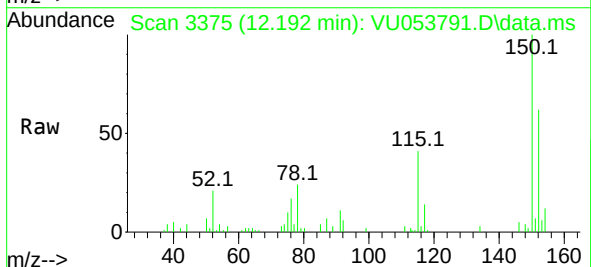
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

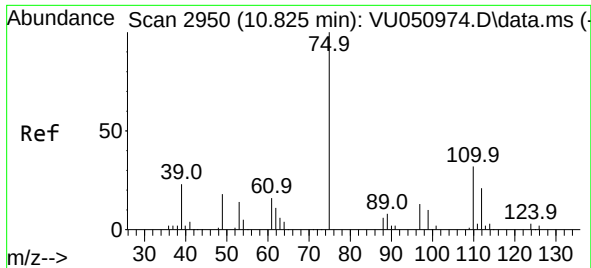
Tgt Ion:106 Resp: 4803
Ion Ratio Lower Upper
106 100
91 214.5 167.3 250.9



#68
1,2-Dichlorobenzene-d4
Concen: 0.824 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion:152 Resp: 11058
Ion Ratio Lower Upper
152 100
115 69.2 0.0 308.8
150 168.7 0.0 635.0

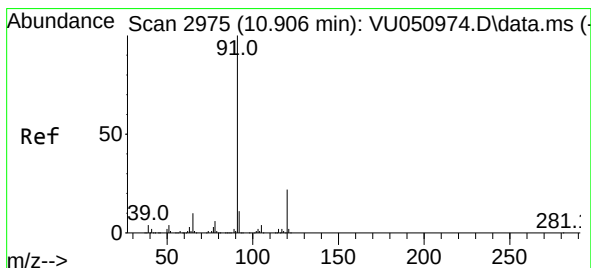
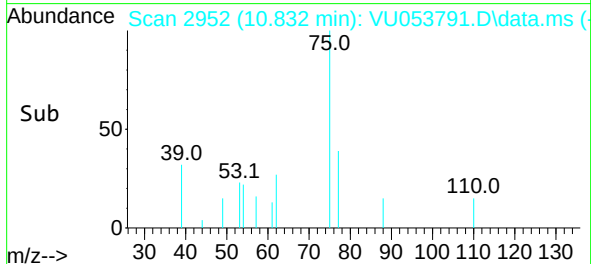
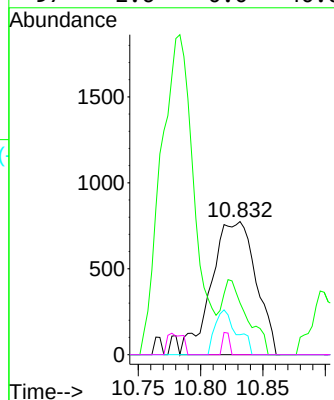
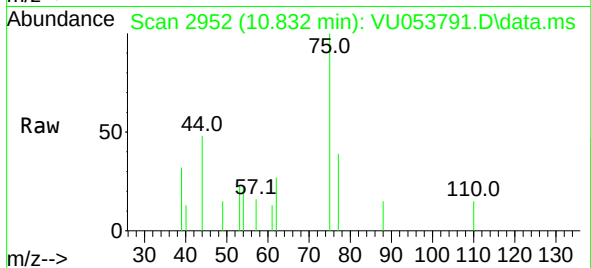




#71
1,2,3-Trichloropropane
Concen: 0.283 ug/l
RT: 10.832 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

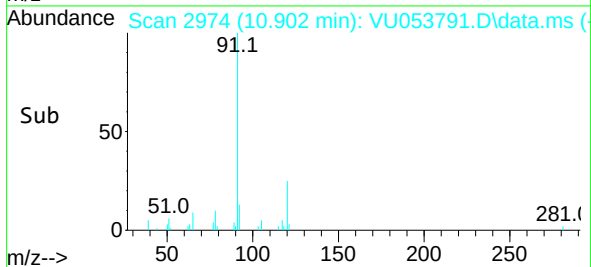
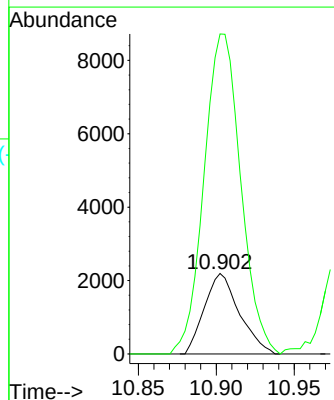
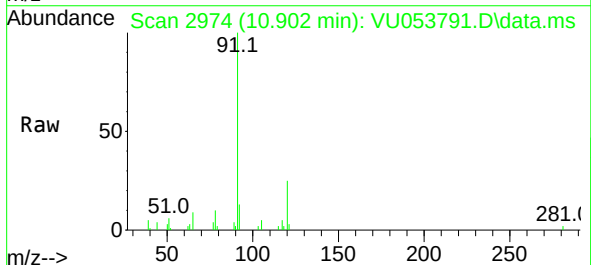
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

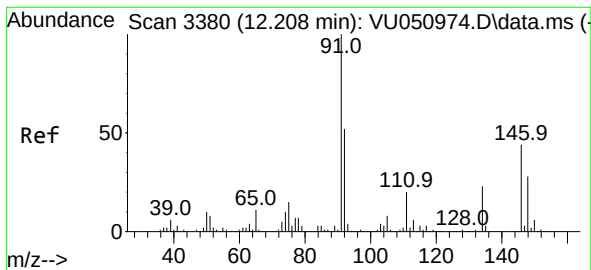
Tgt Ion: 75	Resp:	1916
Ion Ratio	Lower	Upper
75	100	
77	32.0	0.0 116.4
110	16.6	0.0 74.6
97	2.6	0.0 40.0



#73
n-propylbenzene
Concen: 0.301 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 120	Resp:	3417
Ion Ratio	Lower	Upper
120	100	
91	417.8	369.8 554.6





#84

n-Butylbenzene

Concen: 0.387 ug/l

RT: 12.205 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053791.D

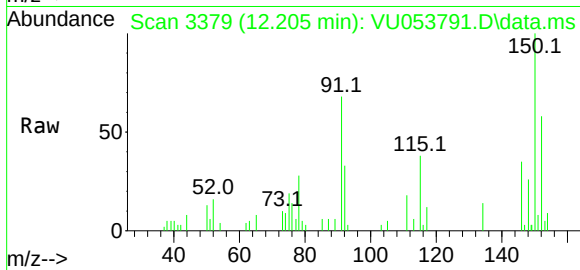
Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 91 Resp: 5520

Ion Ratio Lower Upper

91 100

92 49.6 40.8 61.2

134 22.2 18.4 27.6

