

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053792.D
 Acq On : 19 Apr 2023 20:45
 Operator : JC/MD
 Sample : 02213-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 20 08:53:19 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	27942	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	9873	0.901	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	11126	0.854	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	3065	0.362	ug/l	95
3) Chloromethane	1.523	50	3152	0.413	ug/l	91
4) Vinyl Chloride	1.604	62	3078	0.349	ug/l #	87
5) Bromomethane	1.845	94	2693	0.406	ug/l	93
6) Chloroethane	1.928	64	2023	0.358	ug/l	100
7) Trichlorofluoromethane	2.134	101	5535	0.374	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.575	101	3820	0.396	ug/l	95
9) 1,1-Dichloroethene	2.578	96	2842	0.360	ug/l	88
10) Iodomethane	2.719	142	3041	0.361	ug/l	91
11) Allyl Chloride	2.915	41	3374	0.360	ug/l	96
12) Acrylonitrile	3.311	53	1683	0.853	ug/l #	86
13) Acetone	2.623	43	3321	1.204	ug/l	99
14) Carbon Disulfide	2.787	76	4302	0.332	ug/l	97
15) Methylene Chloride	3.044	84	6508	0.563	ug/l #	76
16) trans-1,2-Dichloroethene	3.343	96	3184	0.373	ug/l	97
17) 1,1-Dichloroethane	3.861	63	6545	0.372	ug/l #	92
18) 2-Butanone	4.713	43	5306	1.484	ug/l	93
19) Cyclohexane	5.369	56	4816	0.395	ug/l	95
20) Methylcyclohexane	6.751	83	3422	0.313	ug/l	86
21) 2,2-Dichloropropane	4.658	77	5890	0.368	ug/l #	82
22) cis-1,2-Dichloroethene	4.661	96	4525	0.424	ug/l	86
23) Diethyl Ether	2.375	59	2149	0.369	ug/l #	82
24) tert-Butyl Alcohol	3.189	59	3773	4.990	ug/l #	1
25) Methyl tert-Butyl Ether	3.362	73	8917	0.405	ug/l #	86
26) Bromochloromethane	4.964	128	1705	0.361	ug/l	95
27) Chloroform	5.083	83	7253	0.381	ug/l	96
28) 1,1,1-Trichloroethane	5.304	97	5794	0.368	ug/l	96
29) 1,1-Dichloropropene	5.513	75	3461	0.345	ug/l	96
30) Carbon Tetrachloride	5.513	117	3896	0.345	ug/l	90
31) Isopropyl Ether	3.996	45	10545	0.414	ug/l	99
32) Ethyl-t-butyl ether	4.507	59	10099	0.392	ug/l	99
33) Tert-Amyl methyl ether	5.951	73	7083	0.376	ug/l #	93
34) Propionitrile	4.780	54	1714	2.144	ug/l #	6
35) Benzene	5.767	78	11490	0.372	ug/l	99
36) 1,2-Dichloroethane	5.790	62	4038	0.416	ug/l #	92
37) Trichloroethene	6.539	130	3175	0.362	ug/l	94
38) 1,2-Dichloropropane	6.790	63	3401	0.387	ug/l	96
40) Methyl acrylate	4.848	55	2322	0.441	ug/l #	92
41) Tetrahydrofuran	5.060	42	1394	0.877	ug/l	93
42) 1-Chlorobutane	5.446	56	5401	0.394	ug/l	96
43) Dibromomethane	6.912	93	1621	0.363	ug/l	95
44) Bromodichloromethane	7.102	83	4156	0.370	ug/l #	96
45) 4-Methyl-2-Pentanone	7.796	43	8081	1.781	ug/l #	95

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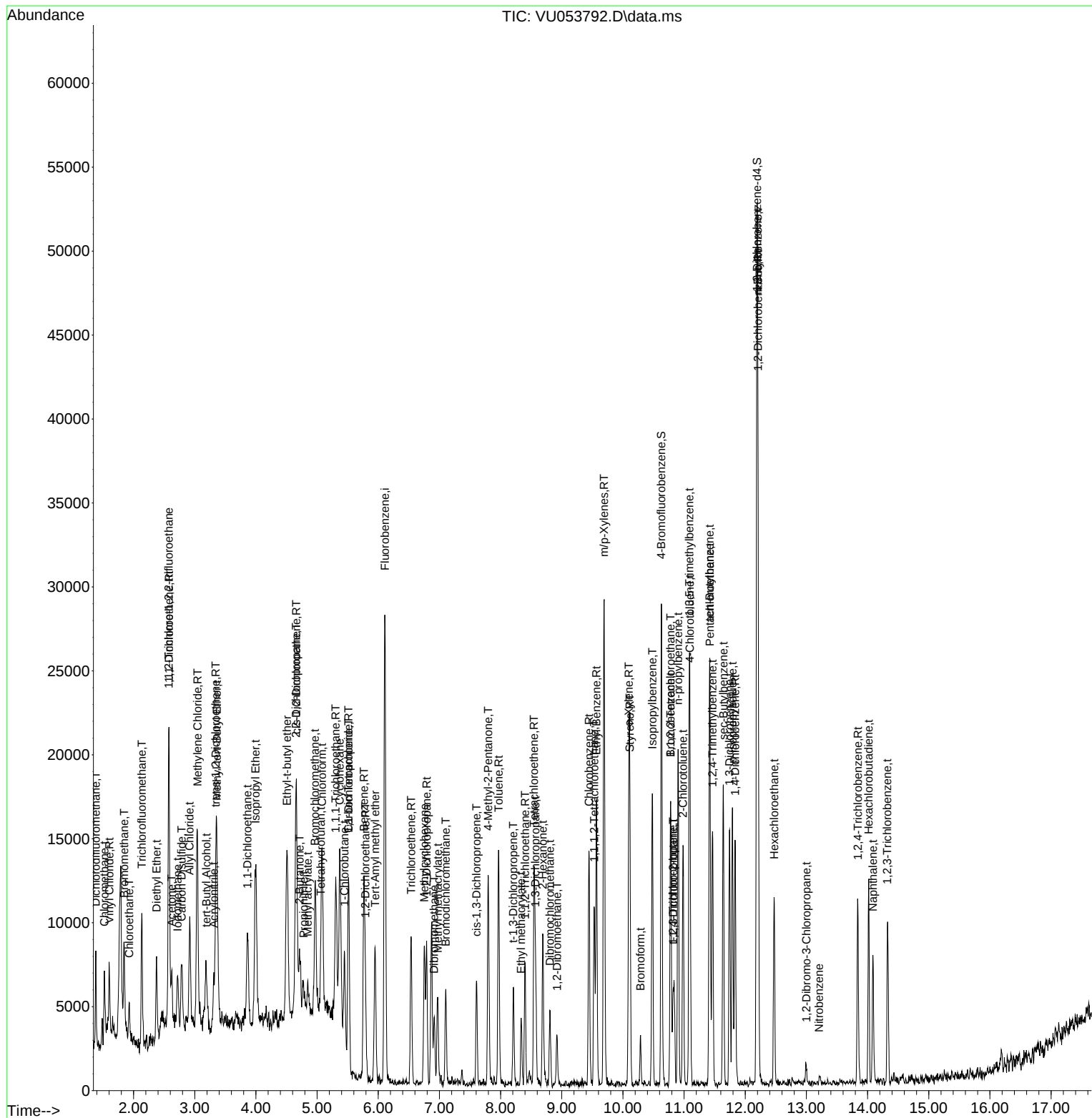
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.822	75	3604	1.913	ug/l #	41
47) Methyl methacrylate	6.973	69	2811	0.718	ug/l #	90
48) Ethyl methacrylate	8.336	69	2499	0.325	ug/l	91
49) Toluene	7.970	92	6556	0.337	ug/l	97
50) t-1,3-Dichloropropene	8.208	75	3321	0.329	ug/l	98
51) cis-1,3-Dichloropropene	7.607	75	3855	0.320	ug/l	92
52) 1,1,2-Trichloroethane	8.401	97	2472	0.349	ug/l #	84
53) 1,3-Dichloropropane	8.571	76	4106	0.371	ug/l	95
54) 2-Hexanone	8.690	43	5755	1.353	ug/l	95
55) Dibromochloromethane	8.809	129	2899	0.390	ug/l #	75
56) 1,2-Dibromoethane	8.922	107	2480	0.406	ug/l	89
58) Tetrachloroethene	8.545	164	3106	0.366	ug/l	93
59) Chlorobenzene	9.446	112	8603	0.355	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.529	131	2965	0.339	ug/l	97
61) Pentachloroethane	11.423	117	2215	0.329	ug/l	87
62) Hexachloroethane	12.475	117	1868	0.284	ug/l	98
63) Ethyl Benzene	9.568	91	11688	0.306	ug/l	95
64) m/p-Xylenes	9.690	106	8841	0.587	ug/l	100
65) o-Xylene	10.095	106	4745	0.312	ug/l	96
66) Styrene	10.115	104	6973	0.289	ug/l	97
67) Bromoform	10.288	173	1200	0.310	ug/l #	95
69) Isopropylbenzene	10.481	105	11506	0.290	ug/l	92
70) 1,1,2,2-Tetrachloroethane	10.780	83	3544	0.389	ug/l #	97
71) 1,2,3-Trichloropropane	10.822	75	3604	0.548	ug/l	68
72) Bromobenzene	10.780	156	3172	0.311	ug/l	97
73) n-propylbenzene	10.902	120	3490	0.317	ug/l	94
74) 2-Chlorotoluene	10.979	126	2875	0.276	ug/l	98
75) 1,3,5-Trimethylbenzene	11.086	105	9704	0.280	ug/l	97
76) 4-Chlorotoluene	11.095	126	2947	0.278	ug/l	90
77) tert-Butylbenzene	11.417	119	9736	0.279	ug/l	93
78) 1,2,4-Trimethylbenzene	11.465	105	8975	0.254	ug/l	93
79) sec-Butylbenzene	11.642	105	11872	0.253	ug/l	95
80) Nitrobenzene	13.208	77	169	0.585	ug/l #	42
81) p-Isopropyltoluene	11.790	119	9373	0.244	ug/l	99
82) 1,3-Dichlorobenzene	11.741	146	6537	0.300	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	6225	0.285	ug/l	96
84) n-Butylbenzene	12.204	91	8478	0.473	ug/l	97
85) 1,2-Dichlorobenzene	12.208	146	7307	0.343	ug/l	87
86) 1,2-Dibromo-3-Chloropr...	12.999	75	356	0.277	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.841	180	4003	0.284	ug/l	98
88) Hexachlorobutadiene	14.018	225	2021	0.269	ug/l	92
89) Naphthalene	14.089	128	7312	0.286	ug/l	97
90) 1,2,3-Trichlorobenzene	14.323	180	3614	0.270	ug/l	95

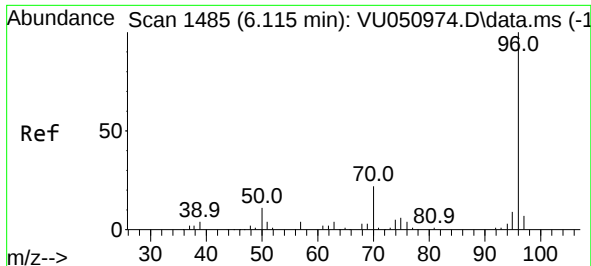
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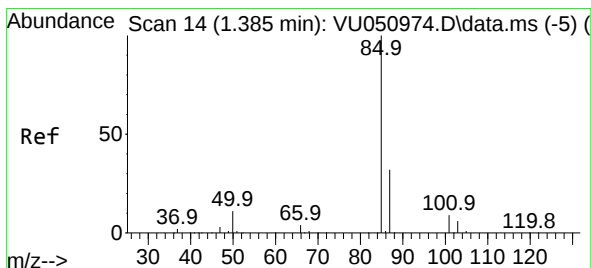
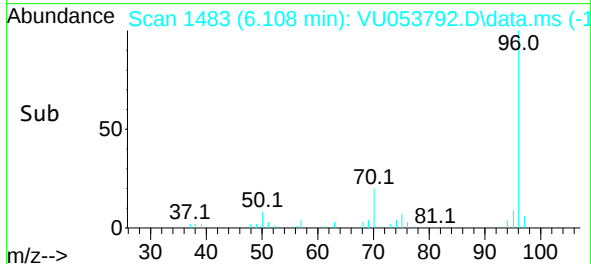
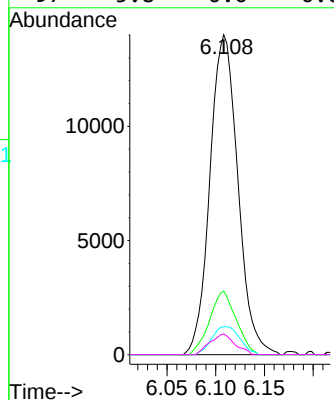
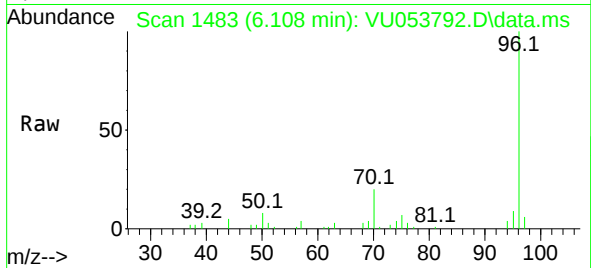




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
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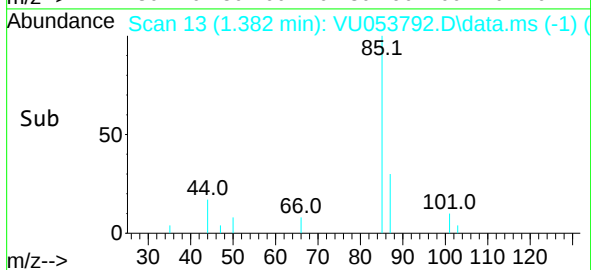
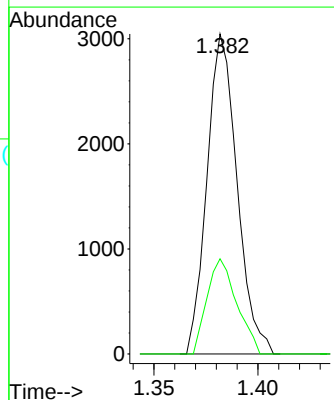
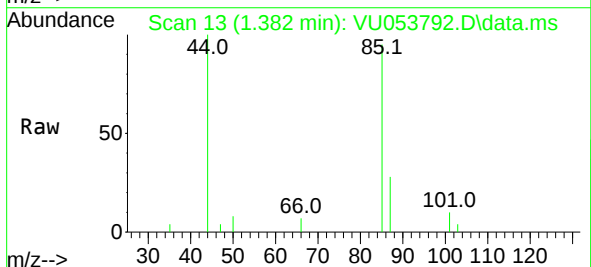
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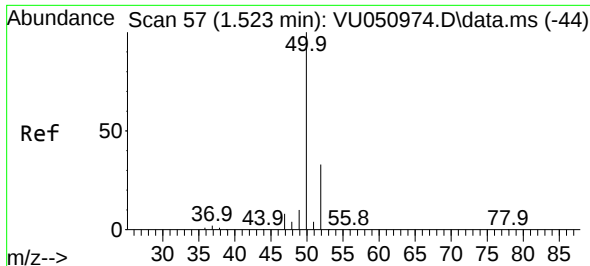
Tgt Ion: 96	Resp: 27942
Ion Ratio	Lower Upper
96 100	
70 18.9	16.5 24.7
95 8.8	7.4 11.0
97 5.8	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.362 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
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Tgt Ion: 85	Resp: 3065
Ion Ratio	Lower Upper
85 100	
87 29.7	16.2 48.6

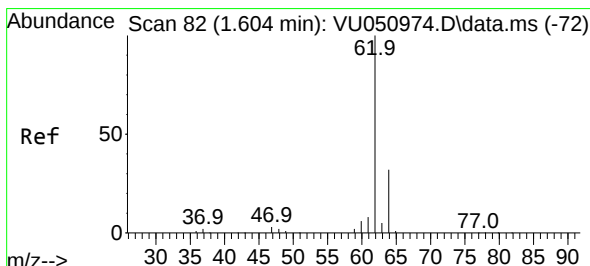
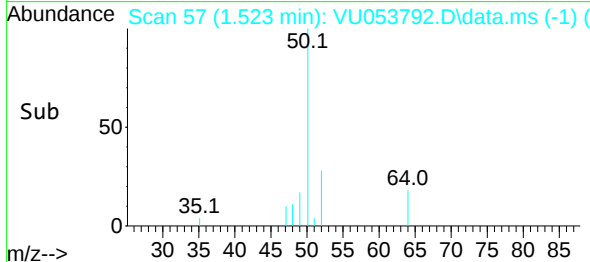
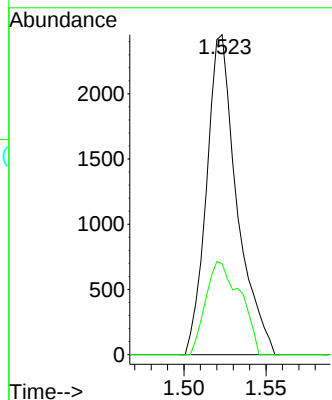
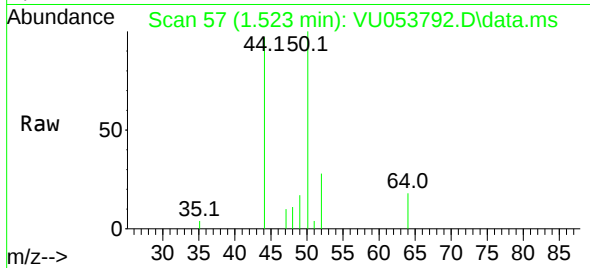




#3
Chloromethane
Concen: 0.413 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

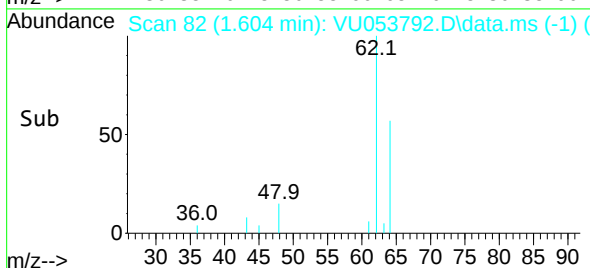
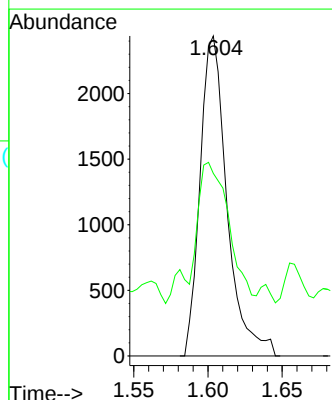
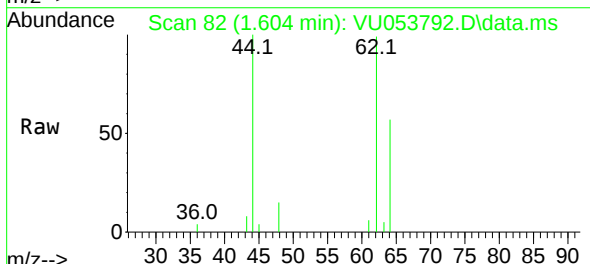
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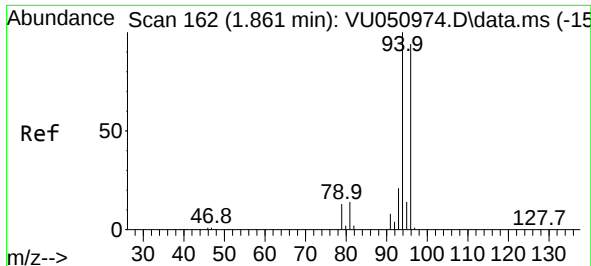
Tgt Ion: 50 Resp: 3152
Ion Ratio Lower Upper
50 100
52 28.4 26.6 40.0



#4
Vinyl Chloride
Concen: 0.349 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 62 Resp: 3078
Ion Ratio Lower Upper
62 100
64 39.1 25.4 38.2#

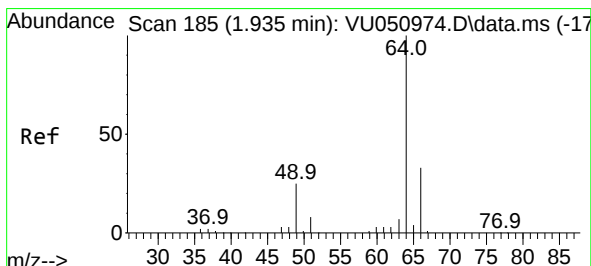
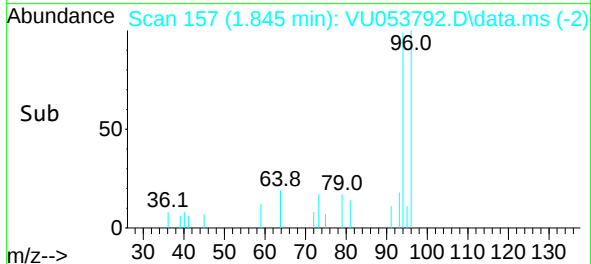
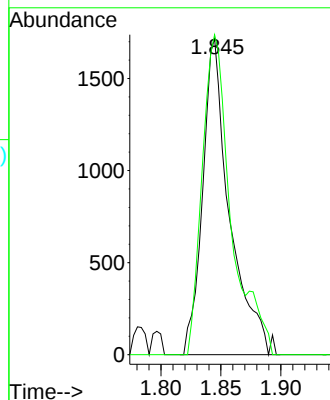
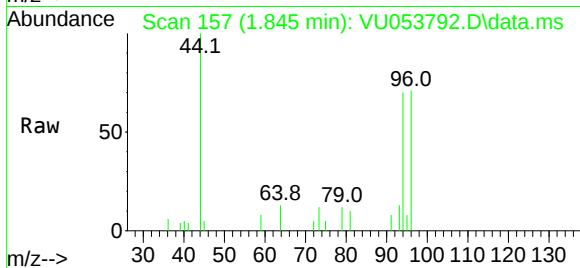




#5
Bromomethane
Concen: 0.406 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.000 min
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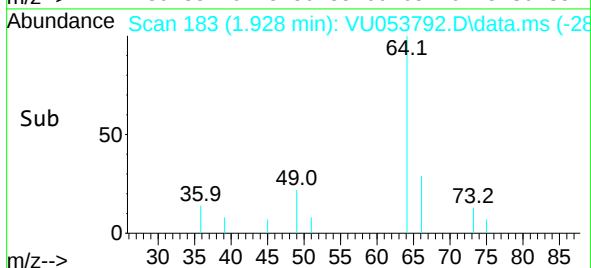
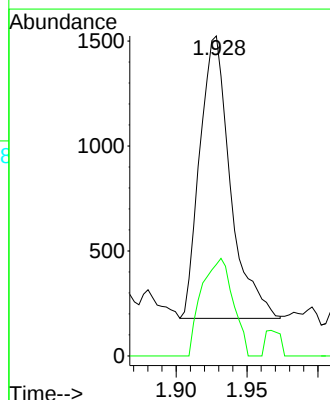
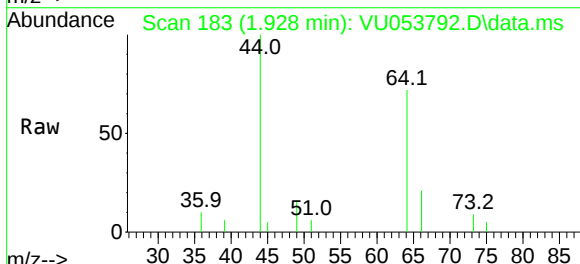
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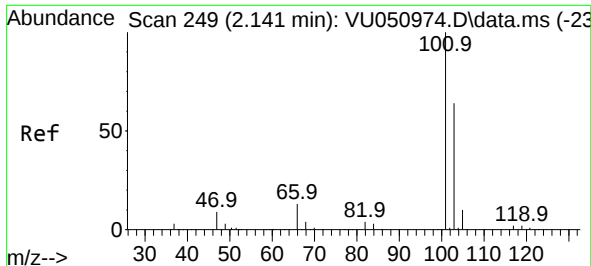
Tgt Ion: 94 Resp: 2693
Ion Ratio Lower Upper
94 100
96 101.2 75.4 113.2



#6
Chloroethane
Concen: 0.358 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
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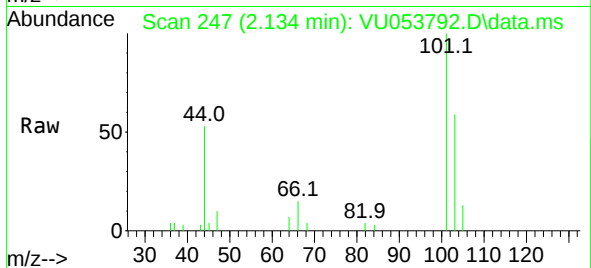
Tgt Ion: 64 Resp: 2023
Ion Ratio Lower Upper
64 100
66 32.4 26.0 39.0



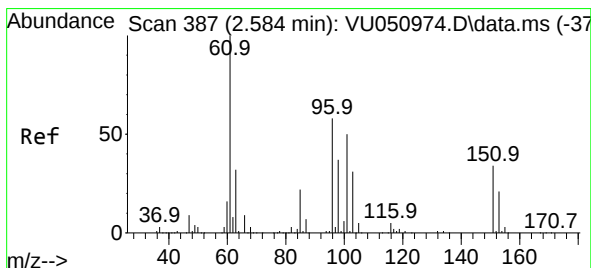
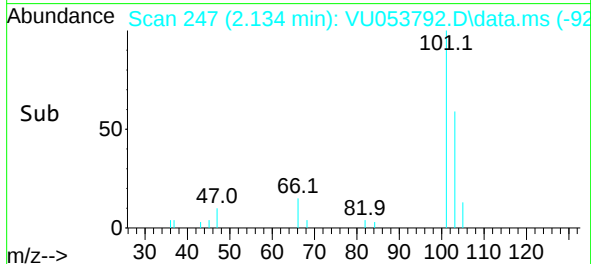
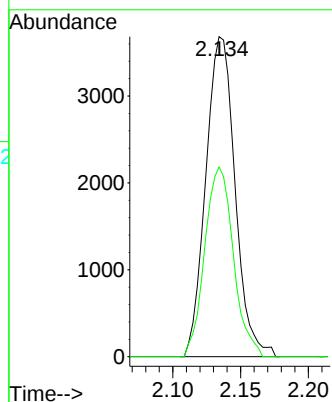


#7
 Trichlorofluoromethane
 Concen: 0.374 ug/l
 RT: 2.134 min Scan# 249
 Delta R.T. -0.000 min
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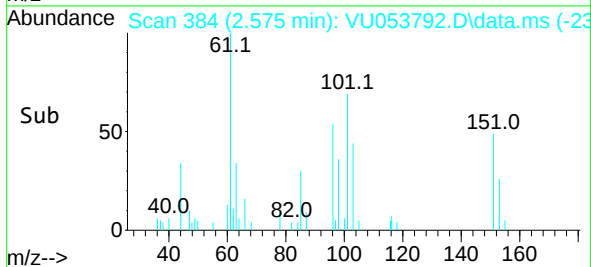
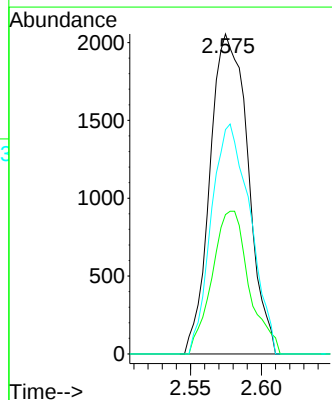
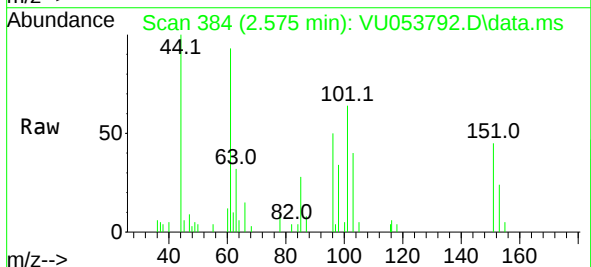


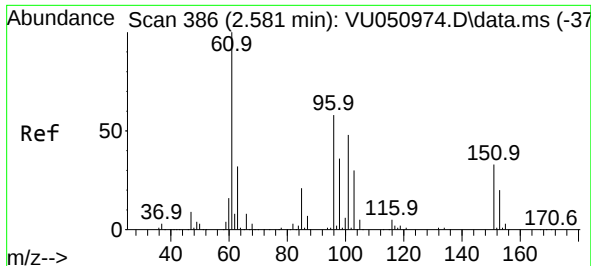
Tgt Ion:101 Resp: 5535
 Ion Ratio Lower Upper
 101 100
 103 59.3 51.4 77.0



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.396 ug/l
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU053792.D
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Tgt Ion:101 Resp: 3820
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.4 53.0
 151 73.7 54.0 81.0

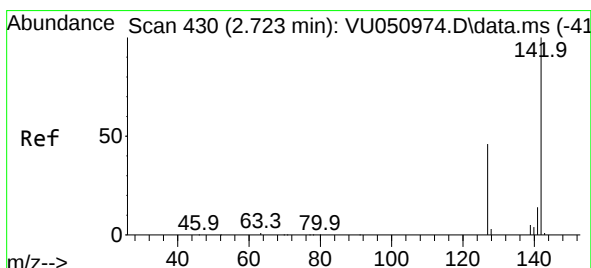
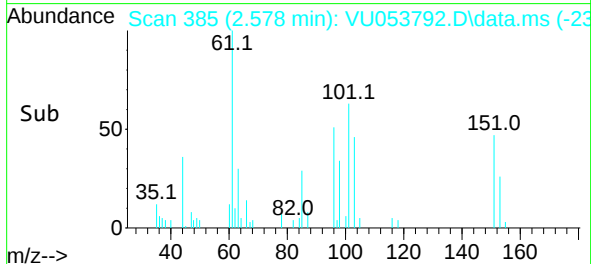
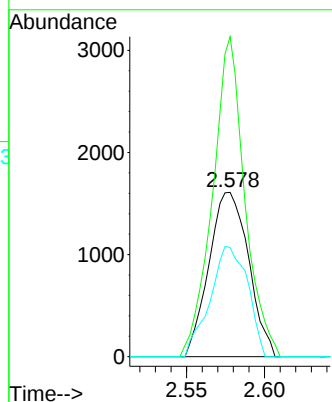
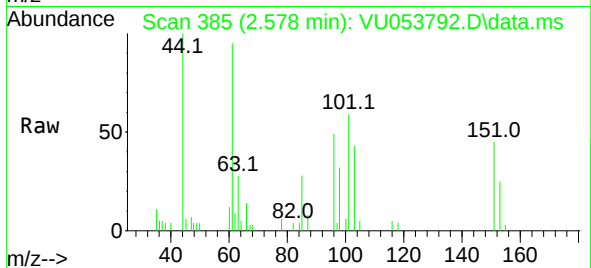




#9
1,1-Dichloroethene
Concen: 0.360 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053792.D
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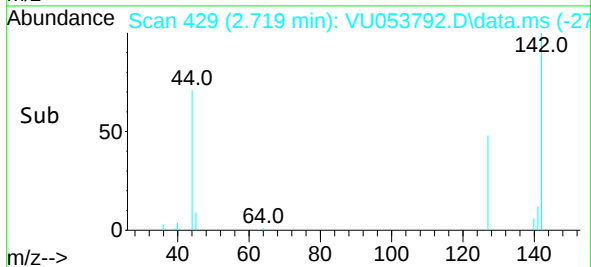
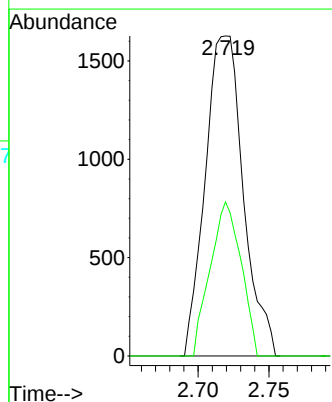
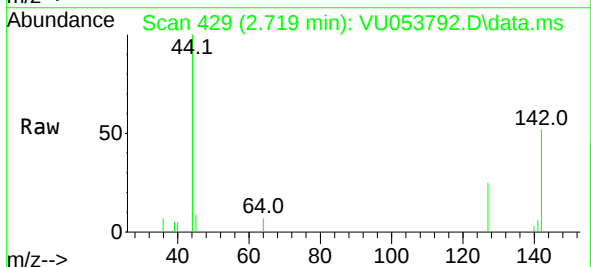
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

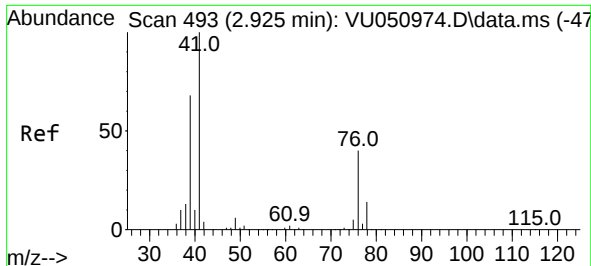
Tgt Ion: 96 Resp: 2842
Ion Ratio Lower Upper
96 100
61 194.7 0.0 521.4
98 66.5 0.0 125.8



#10
Iodomethane
Concen: 0.361 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 142 Resp: 3041
Ion Ratio Lower Upper
142 100
127 38.9 35.9 53.9

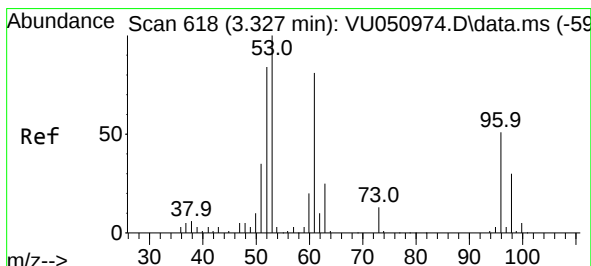
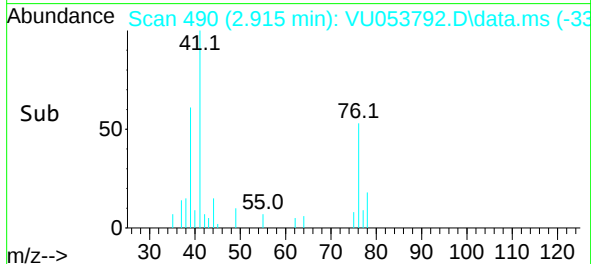
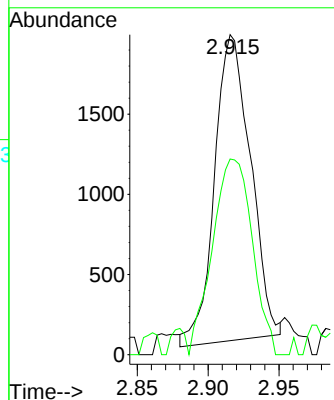
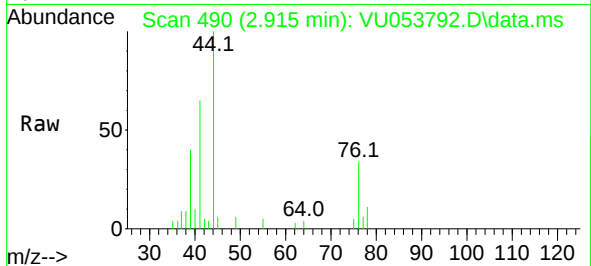




#11
 Allyl Chloride
 Concen: 0.360 ug/l
 RT: 2.915 min Scan# 493
 Delta R.T. -0.003 min
 Lab File: VU053792.D
 Acq: 19 Apr 2023 20:45

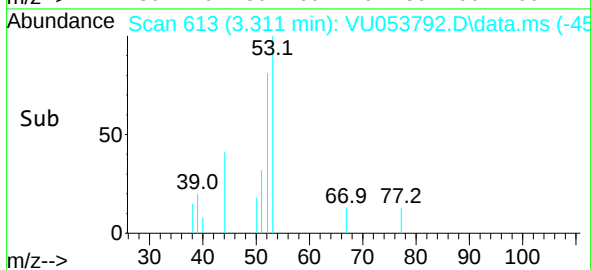
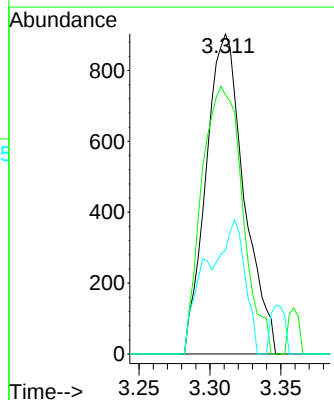
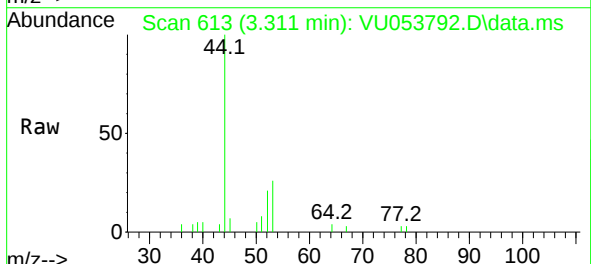
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

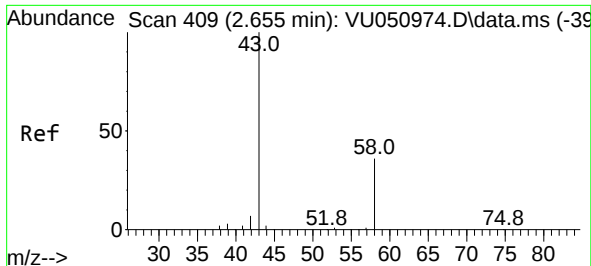
Tgt Ion: 41 Resp: 3374
 Ion Ratio Lower Upper
 41 100
 39 70.8 54.2 81.2



#12
 Acrylonitrile
 Concen: 0.853 ug/l
 RT: 3.311 min Scan# 613
 Delta R.T. 0.003 min
 Lab File: VU053792.D
 Acq: 19 Apr 2023 20:45

Tgt Ion: 53 Resp: 1683
 Ion Ratio Lower Upper
 53 100
 52 89.4 62.9 94.3
 51 24.7 27.8 41.6#





#13

Acetone

Concen: 1.204 ug/l

RT: 2.623 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

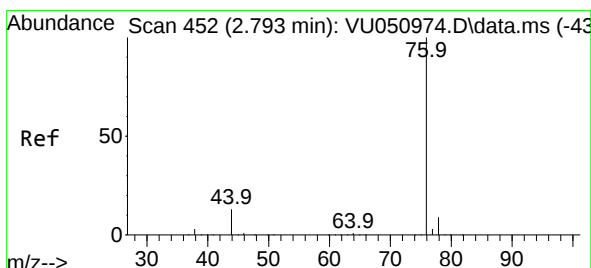
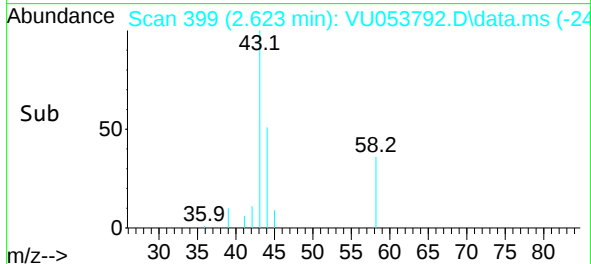
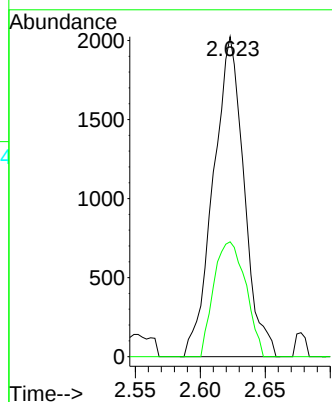
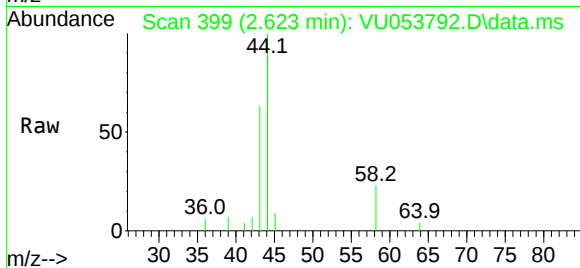
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 3321

Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.4



#14

Carbon Disulfide

Concen: 0.332 ug/l

RT: 2.787 min Scan# 450

Delta R.T. -0.000 min

Lab File: VU053792.D

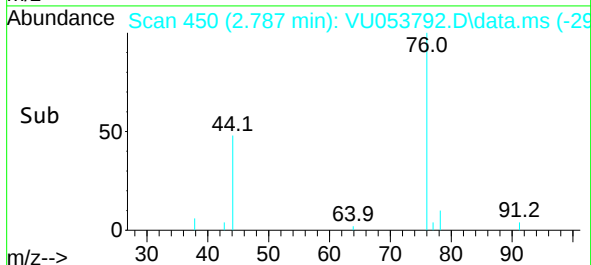
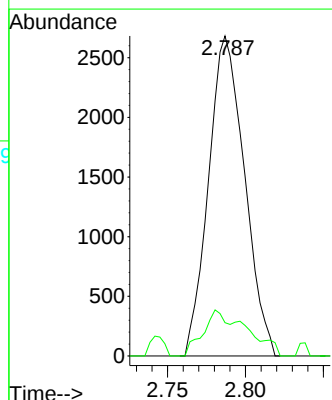
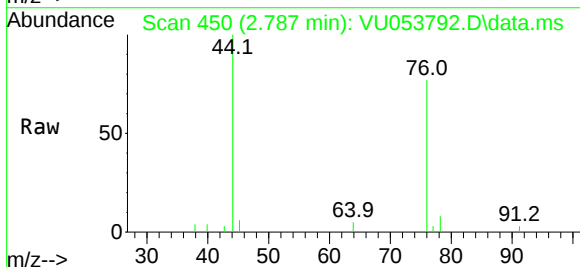
Acq: 19 Apr 2023 20:45

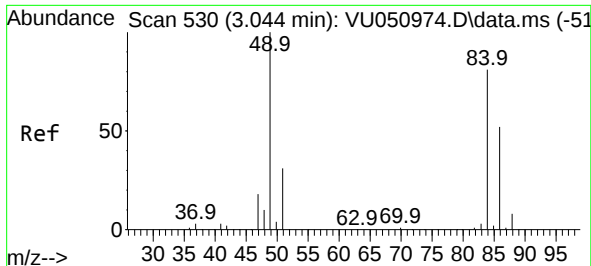
Tgt Ion: 76 Resp: 4302

Ion Ratio Lower Upper

76 100

78 10.4 7.4 11.0

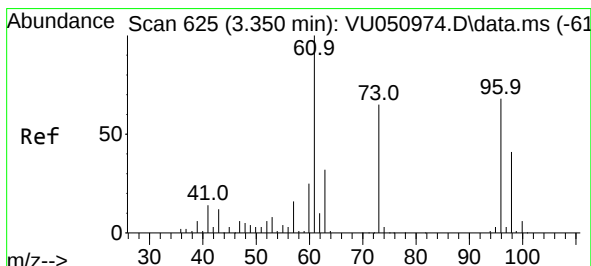
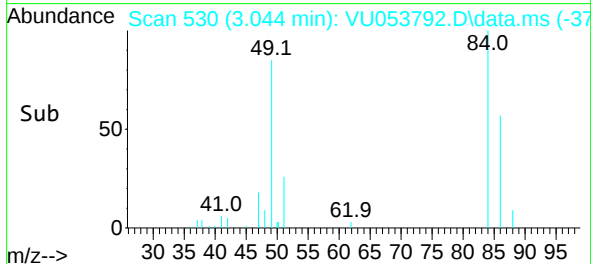
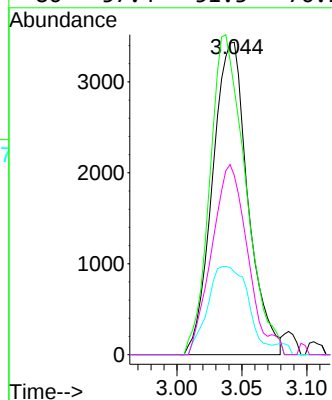
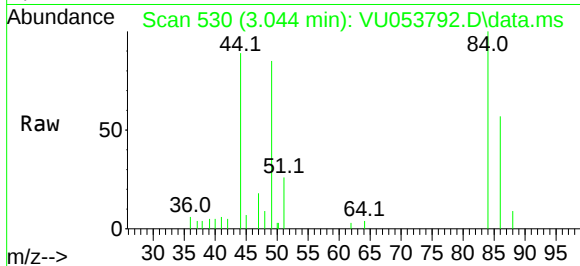




#15
Methylene Chloride
Concen: 0.563 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

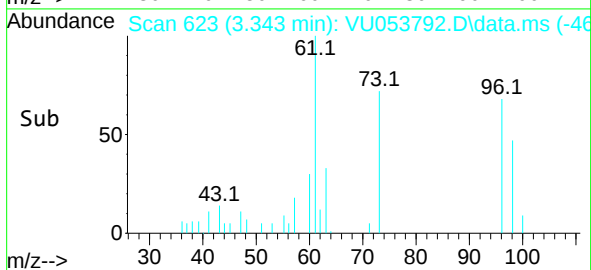
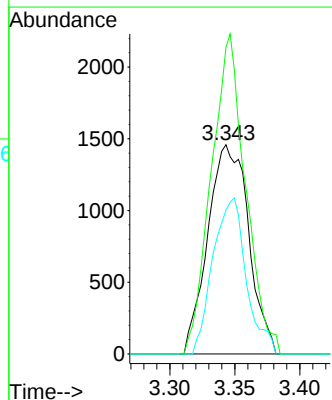
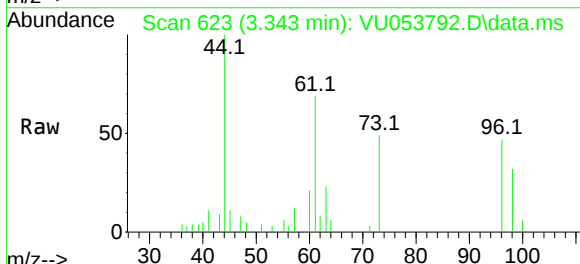
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

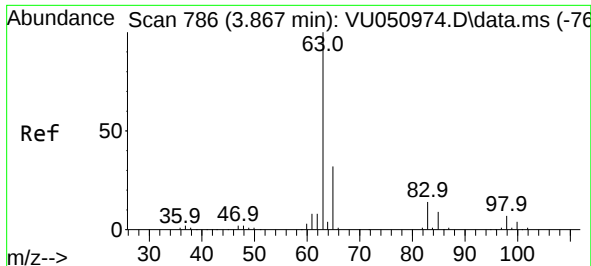
Tgt Ion: 84	Resp: 6508
Ion Ratio	Lower Upper
84 100	
49 85.1	98.9 148.3#
51 26.5	0.0 75.4
86 57.4	51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 0.373 ug/l
RT: 3.343 min Scan# 623
Delta R.T. -0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 96	Resp: 3184		
Ion Ratio	Lower	Upper	
96	100		
61	146.5	117.5	176.3
98	68.7	48.3	72.5

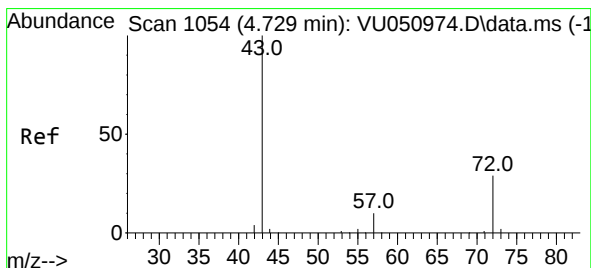
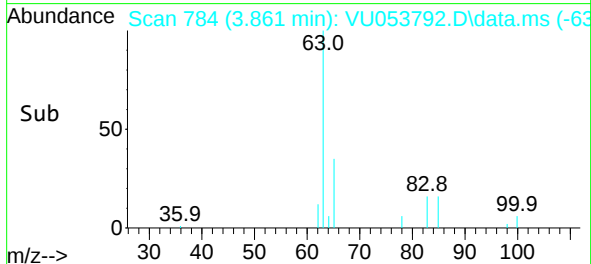
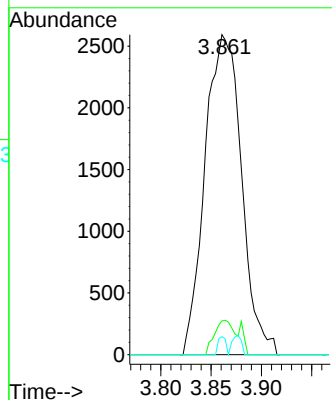
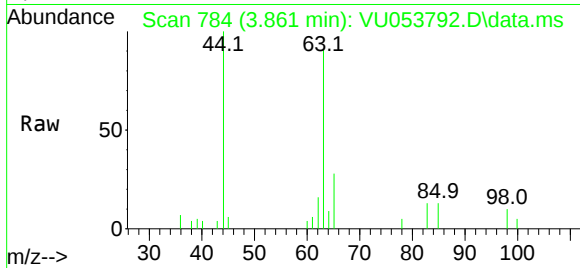




#17
1,1-Dichloroethane
Concen: 0.372 ug/l
RT: 3.861 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

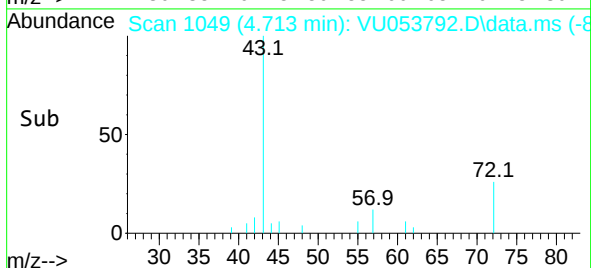
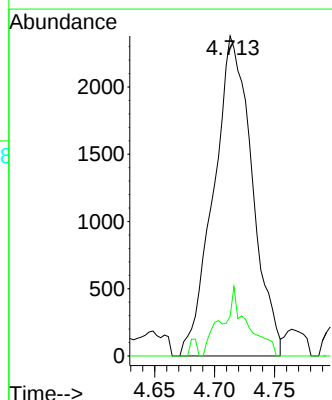
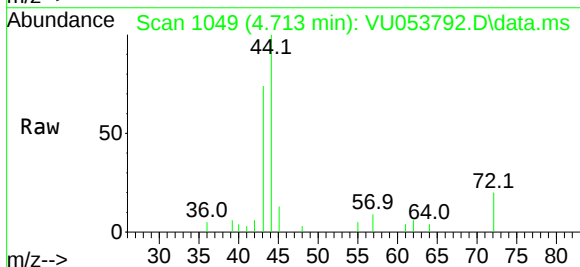
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

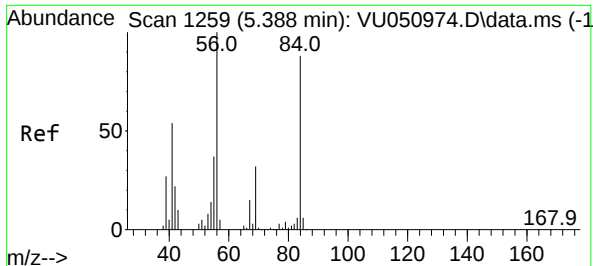
Tgt Ion: 63 Resp: 6545
Ion Ratio Lower Upper
63 100
98 10.5 3.4 10.1#
100 5.6 2.2 6.6



#18
2-Butanone
Concen: 1.484 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 43 Resp: 5306
Ion Ratio Lower Upper
43 100
57 12.4 0.0 19.6





#19

Cyclohexane

Concen: 0.395 ug/l

RT: 5.369 min Scan# 11

Delta R.T. -0.007 min

Lab File: VU053792.D

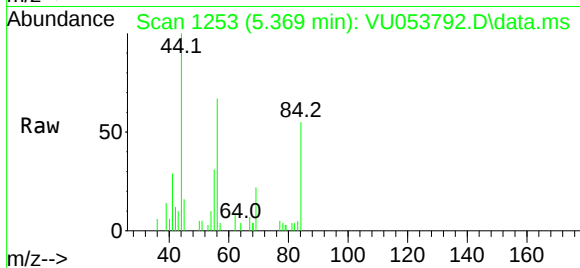
Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



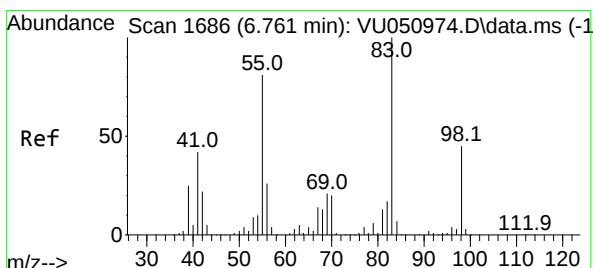
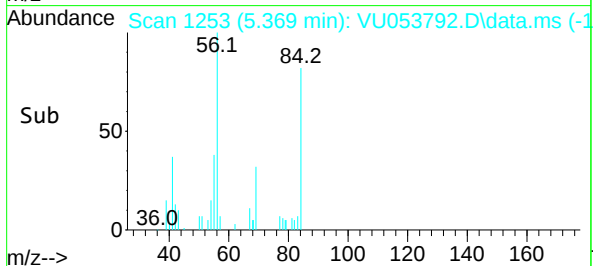
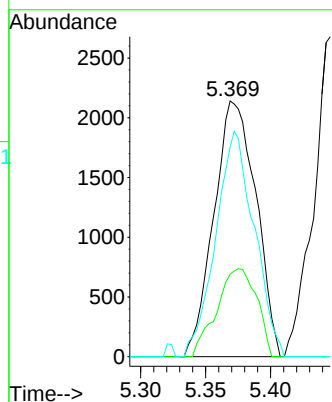
Tgt Ion: 56 Resp: 4816

Ion Ratio Lower Upper

56 100

69 32.7 24.6 37.0

84 80.8 68.4 102.6



#20

Methylcyclohexane

Concen: 0.313 ug/l

RT: 6.751 min Scan# 1683

Delta R.T. -0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

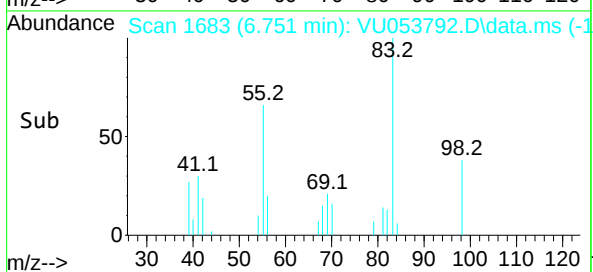
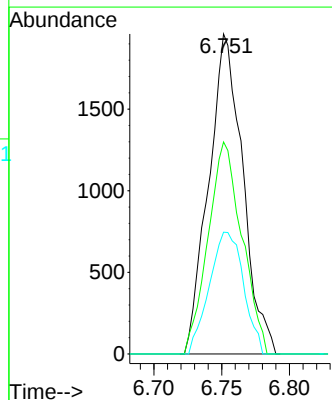
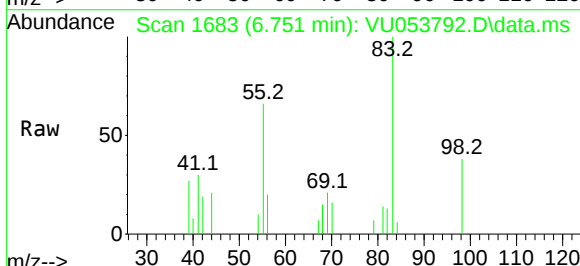
Tgt Ion: 83 Resp: 3422

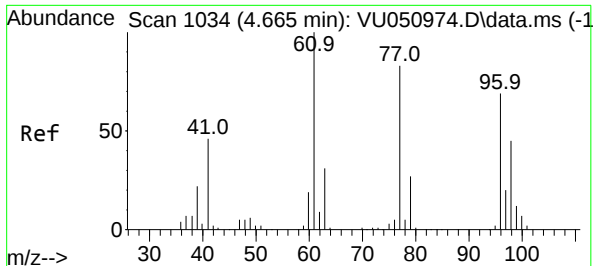
Ion Ratio Lower Upper

83 100

55 66.0 63.5 95.3

98 38.2 36.0 54.0





#21

2,2-Dichloropropane

Concen: 0.368 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

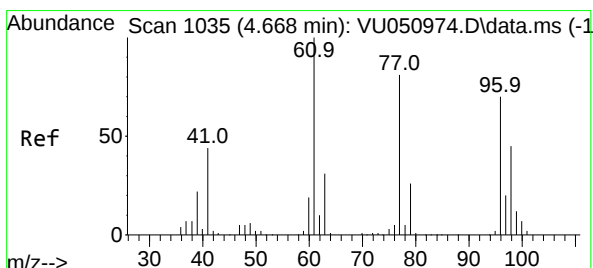
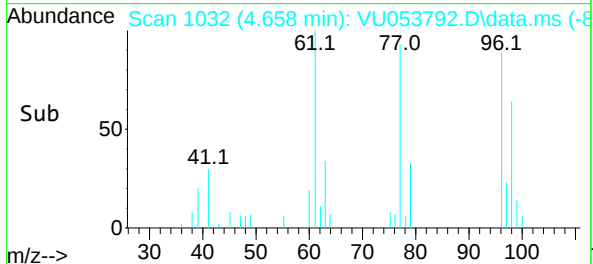
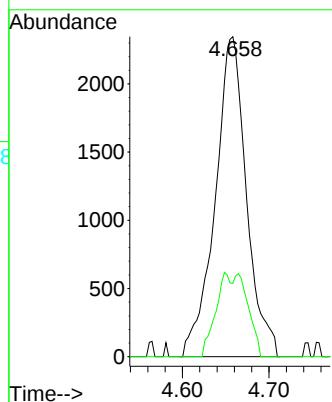
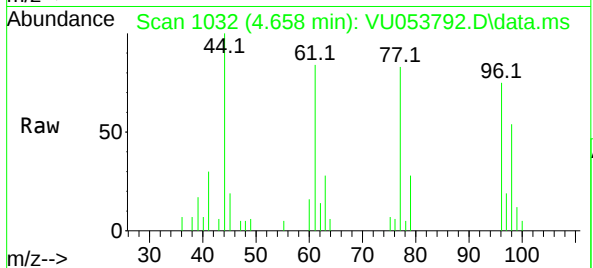
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 77 Resp: 5890

Ion Ratio Lower Upper

77 100

97 14.2 18.4 27.6#



#22

cis-1,2-Dichloroethene

Concen: 0.424 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

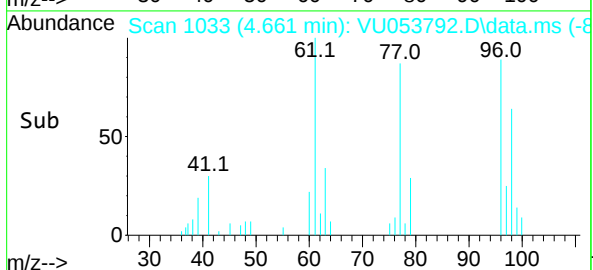
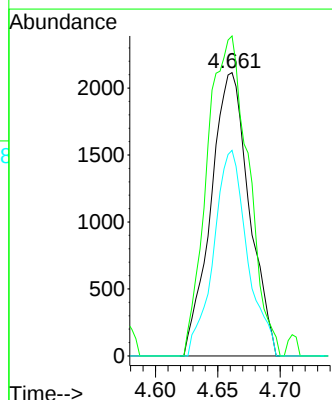
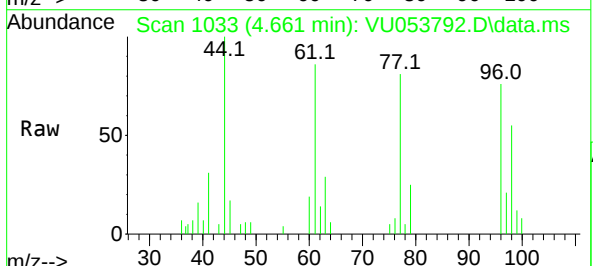
Tgt Ion: 96 Resp: 4525

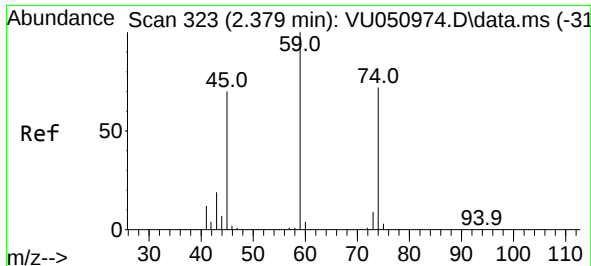
Ion Ratio Lower Upper

96 100

61 121.7 0.0 365.8

98 63.9 32.0 96.0

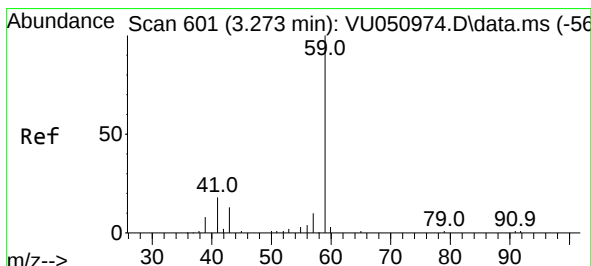
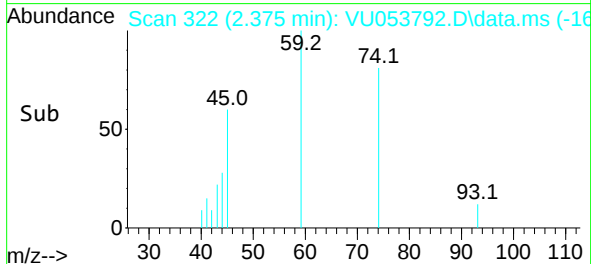
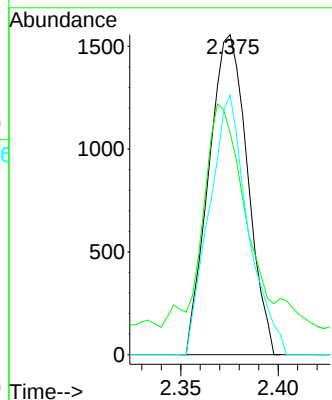
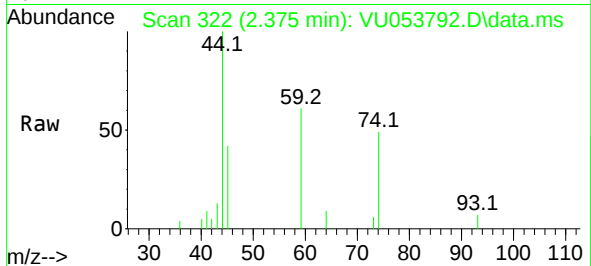




#23
Diethyl Ether
Concen: 0.369 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

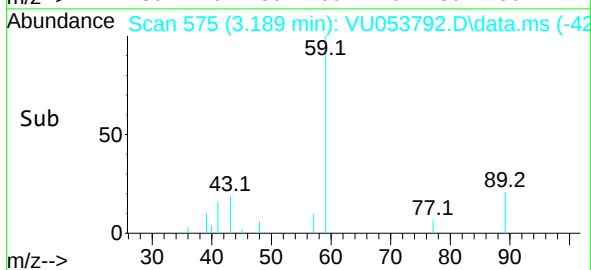
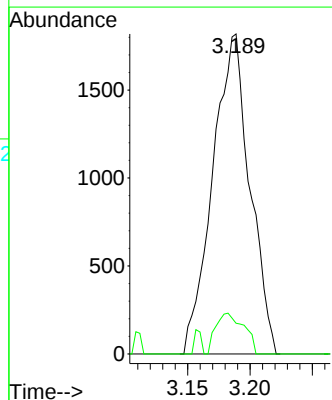
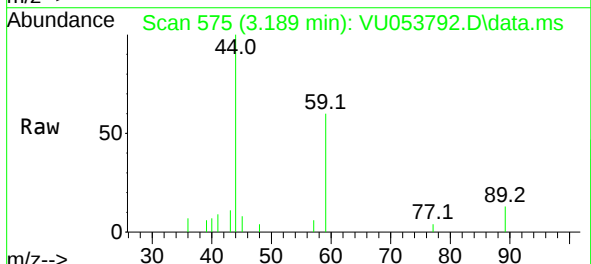
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

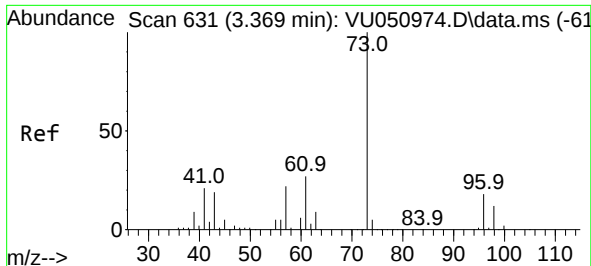
Tgt Ion: 59 Resp: 2149
Ion Ratio Lower Upper
59 100
45 90.5 56.1 84.1#
74 81.3 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 4.990 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 59 Resp: 3773
Ion Ratio Lower Upper
59 100
57 9.6 105.6 158.4#

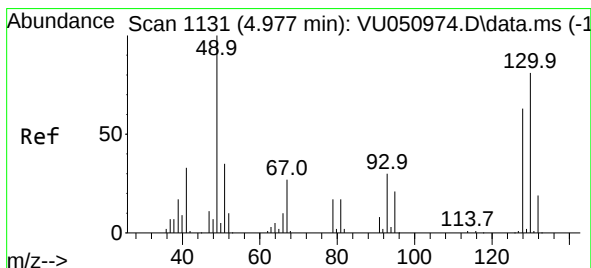
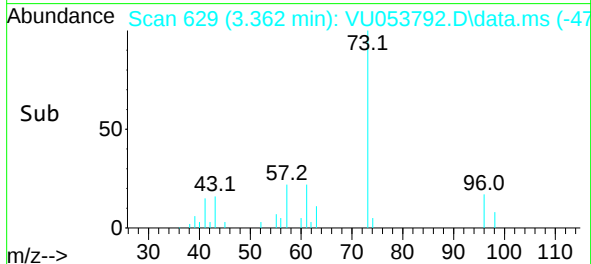
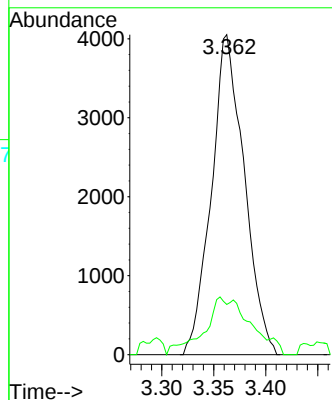
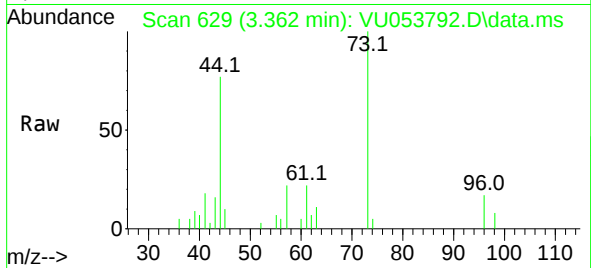




#25
Methyl tert-Butyl Ether
Concen: 0.405 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

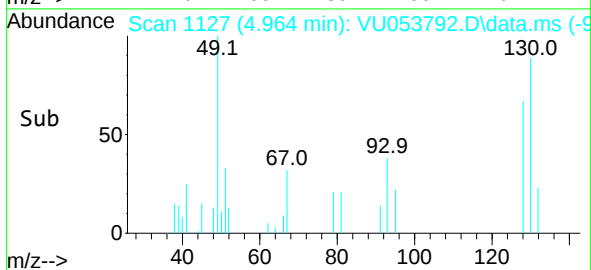
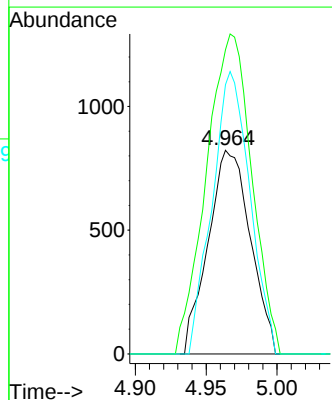
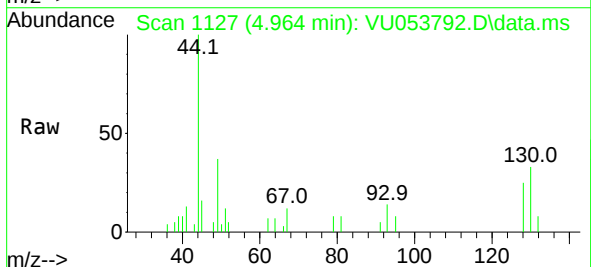
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

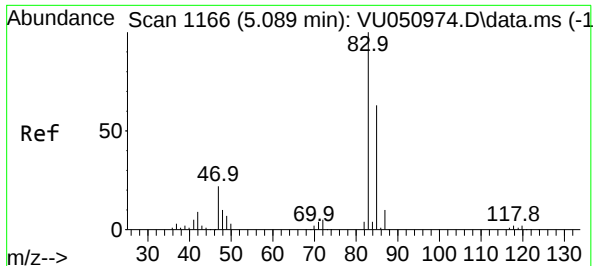
Tgt Ion: 73 Resp: 8917
Ion Ratio Lower Upper
73 100
43 12.5 15.0 22.6#



#26
Bromochloromethane
Concen: 0.361 ug/l
RT: 4.964 min Scan# 1127
Delta R.T. -0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 128 Resp: 1705
Ion Ratio Lower Upper
128 100
49 169.0 0.0 324.6
130 124.3 103.0 154.4





#27

Chloroform

Concen: 0.381 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

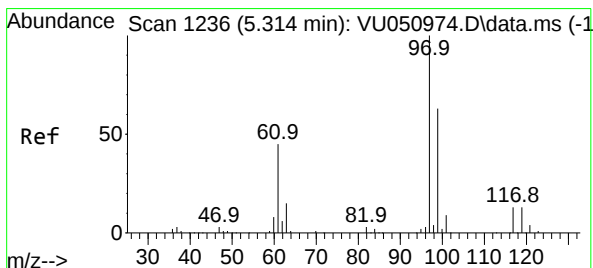
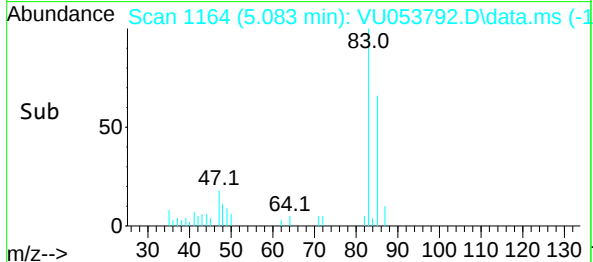
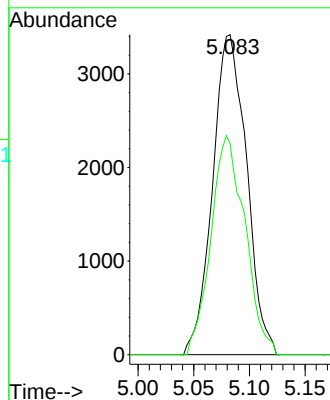
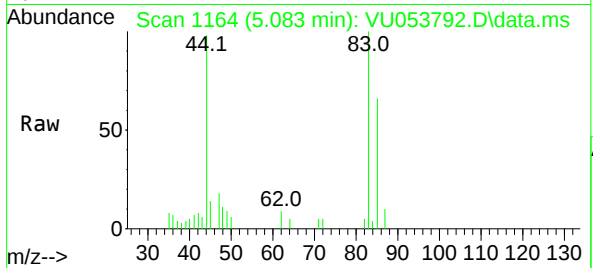
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 83 Resp: 7253

Ion Ratio Lower Upper

83 100

85 66.0 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 0.368 ug/l

RT: 5.304 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

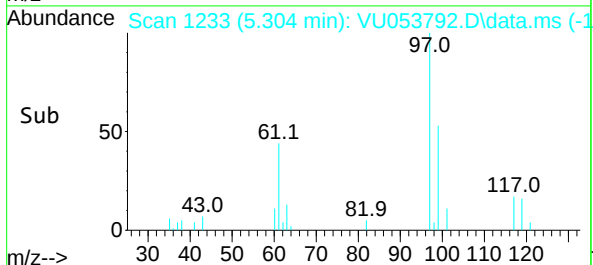
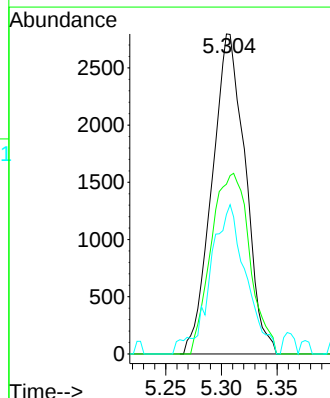
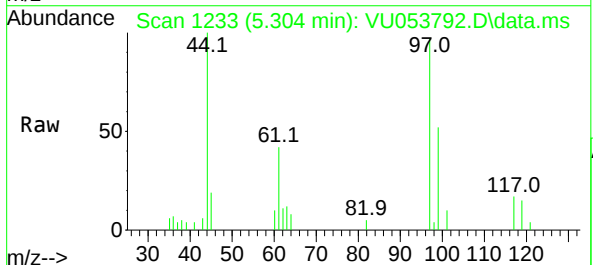
Tgt Ion: 97 Resp: 5794

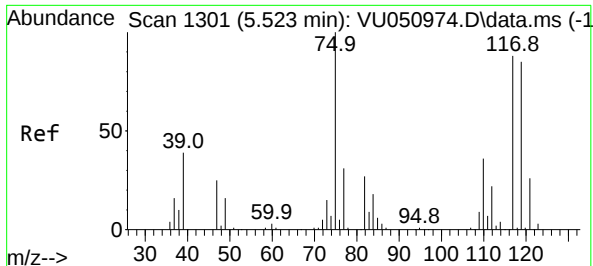
Ion Ratio Lower Upper

97 100

99 65.7 32.0 96.2

61 50.3 22.9 68.5

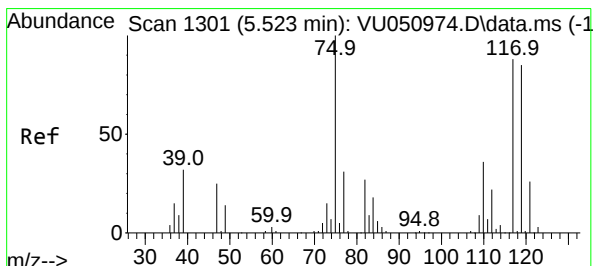
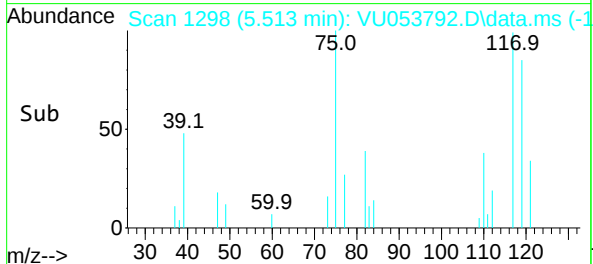
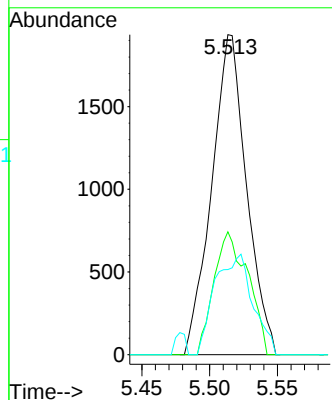
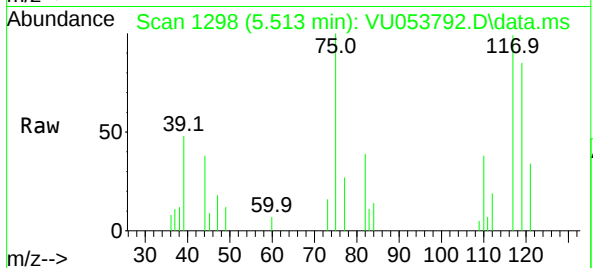




#29
1,1-Dichloropropene
Concen: 0.345 ug/l
RT: 5.513 min Scan# 1298
Delta R.T. -0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

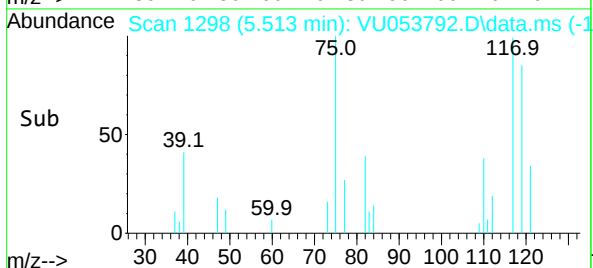
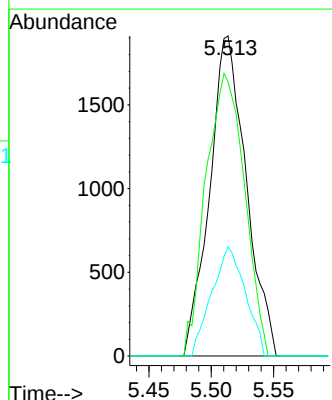
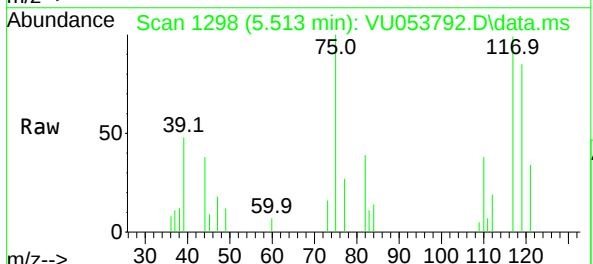
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

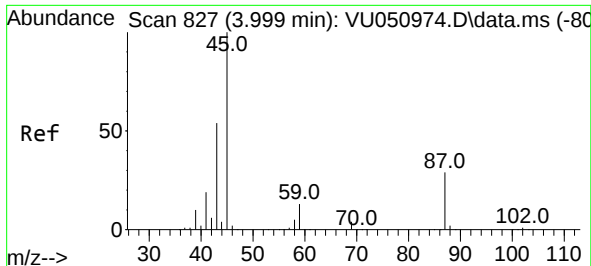
Tgt Ion:	75	Resp:	3461
Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.0	54.0
77	34.2	24.7	37.1



#30
Carbon Tetrachloride
Concen: 0.345 ug/l
RT: 5.513 min Scan# 1298
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:	117	Resp:	3896
Ion	Ratio	Lower	Upper
117	100		
119	85.7	77.4	116.0
121	34.1	24.0	36.0

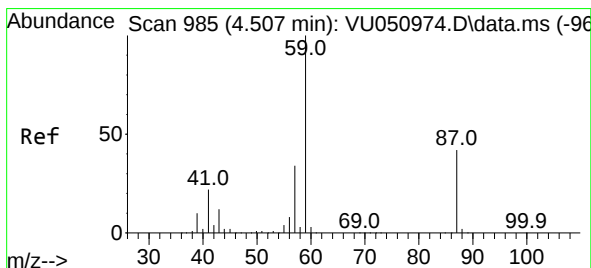
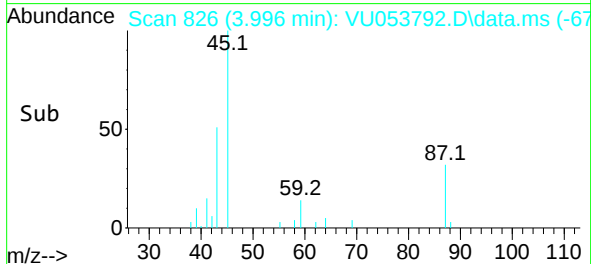
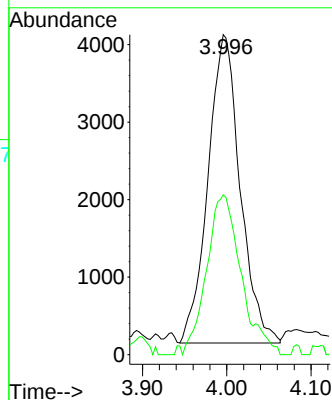
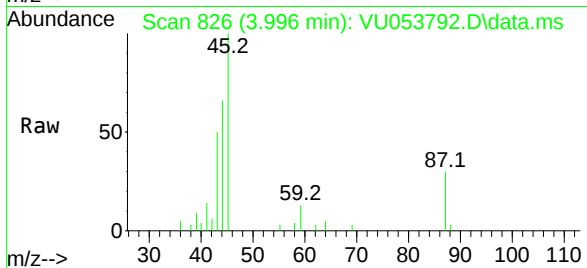




#31
Isopropyl Ether
Concen: 0.414 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

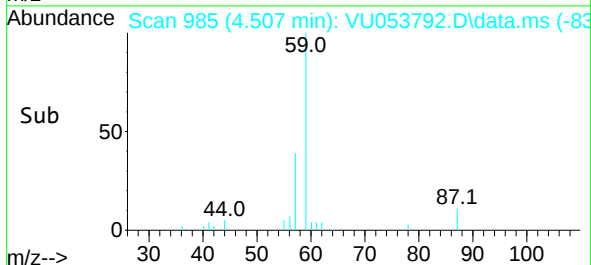
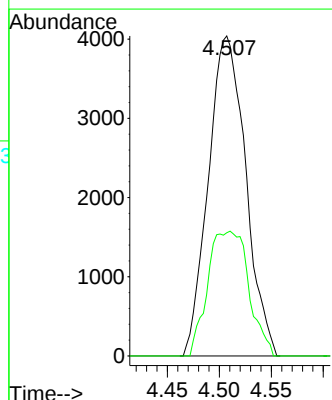
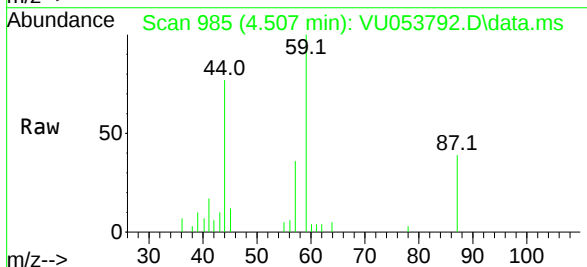
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

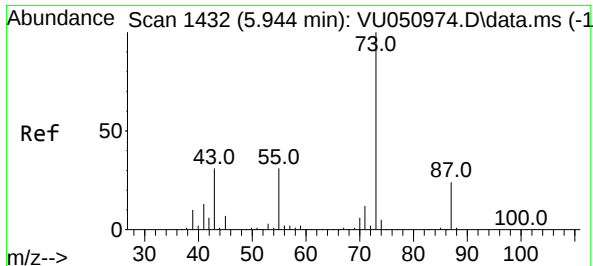
Tgt Ion: 45 Resp: 10545
Ion Ratio Lower Upper
45 100
43 55.4 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 0.392 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 59 Resp: 10099
Ion Ratio Lower Upper
59 100
87 42.7 33.5 50.3

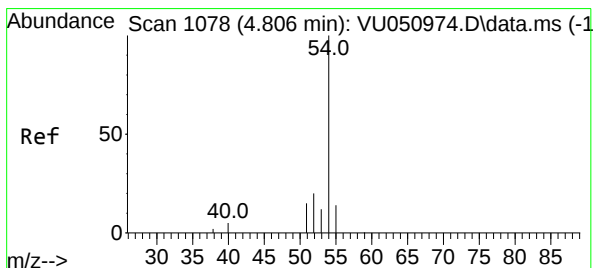
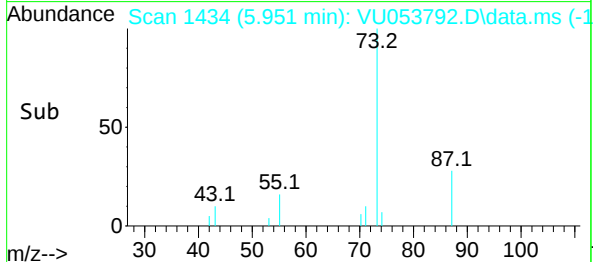
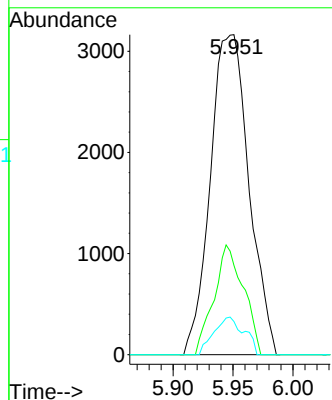
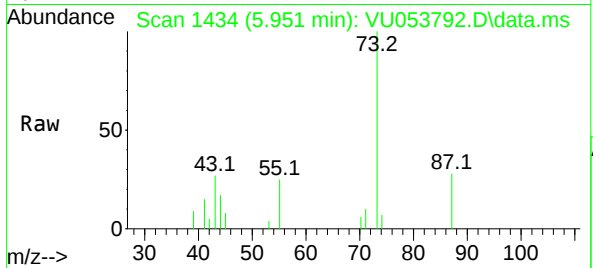




#33
Tert-Amyl methyl ether
Concen: 0.376 ug/l
RT: 5.951 min Scan# 1432
Delta R.T. 0.007 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

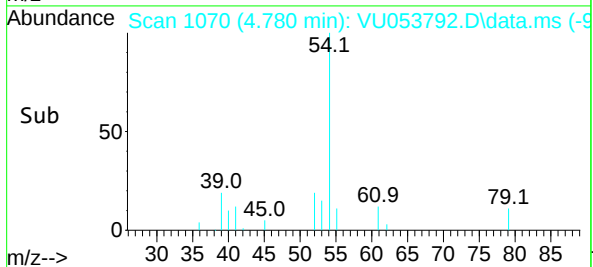
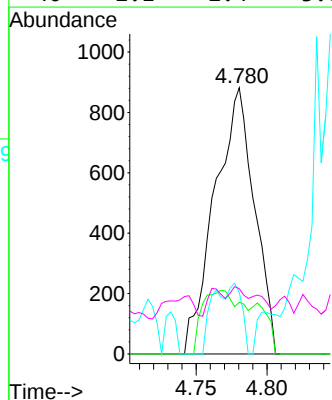
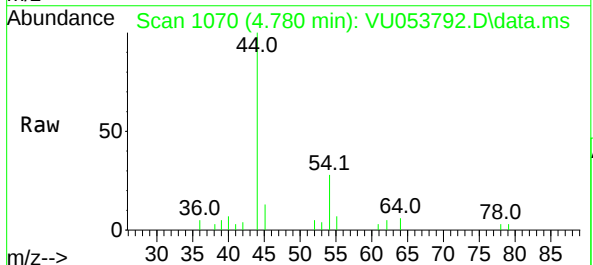
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

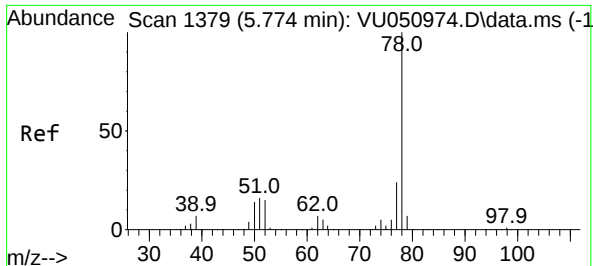
Tgt Ion: 73 Resp: 7083
Ion Ratio Lower Upper
73 100
87 26.2 18.6 28.0
71 9.1 9.9 14.9#



#34
Propionitrile
Concen: 2.144 ug/l
RT: 4.780 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 54 Resp: 1714
Ion Ratio Lower Upper
54 100
52 0.0 17.4 26.0#
55 8.7 104.1 156.1#
40 2.1 2.4 3.6#

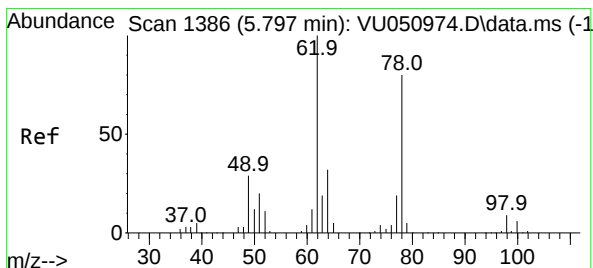
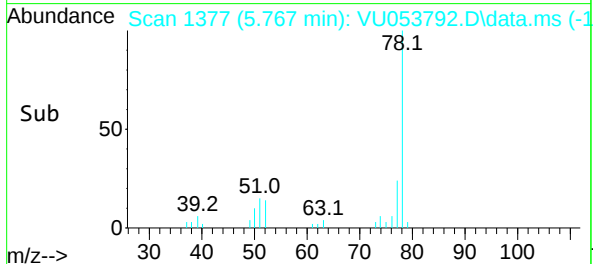
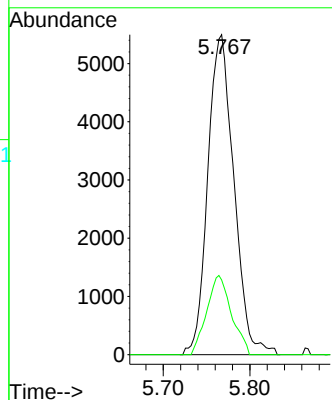
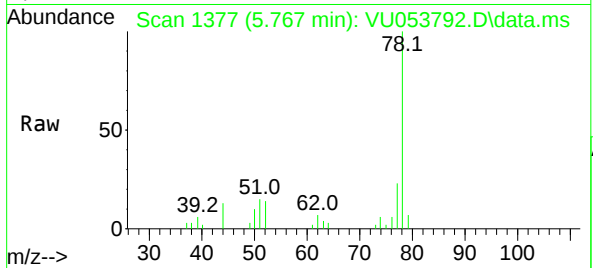




#35
Benzene
Concen: 0.372 ug/l
RT: 5.767 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

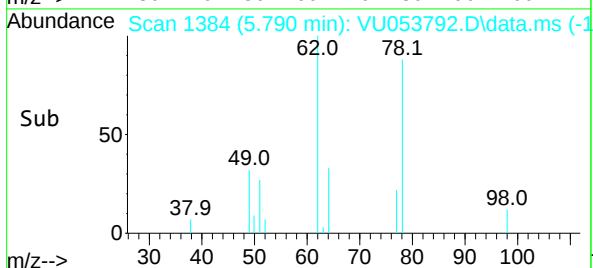
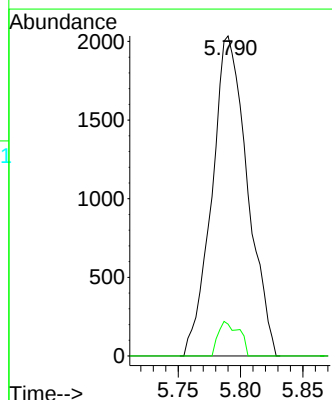
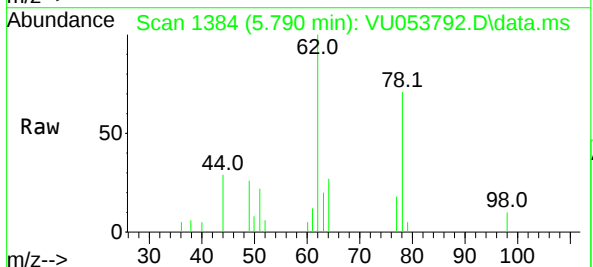
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

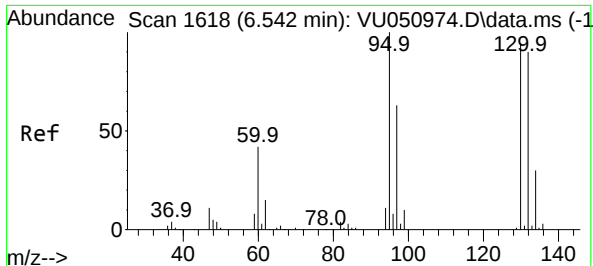
Tgt Ion: 78 Resp: 11490
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3



#36
1,2-Dichloroethane
Concen: 0.416 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 62 Resp: 4038
Ion Ratio Lower Upper
62 100
98 6.3 7.3 10.9#





#37

Trichloroethene

Concen: 0.362 ug/l

RT: 6.539 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

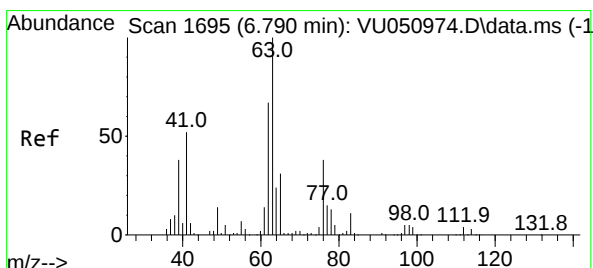
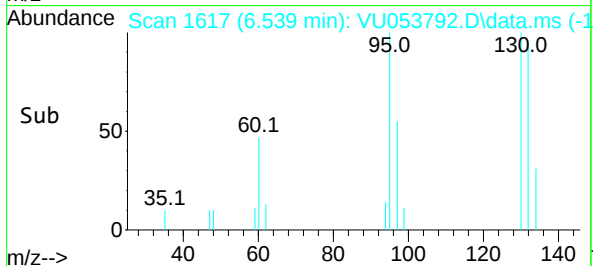
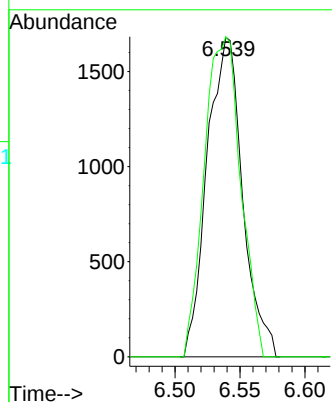
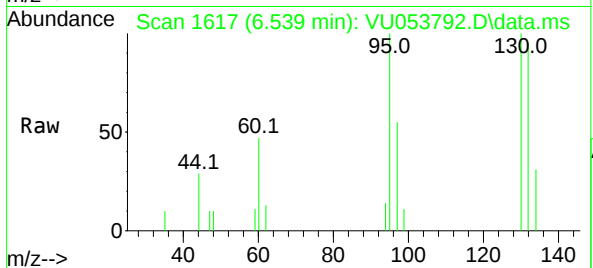
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:130 Resp: 3175

Ion Ratio Lower Upper

130 100

95 100.2 85.0 127.6



#38

1,2-Dichloropropane

Concen: 0.387 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU053792.D

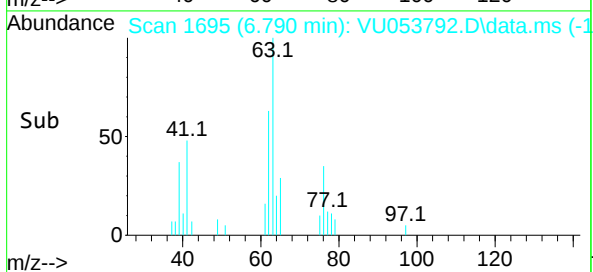
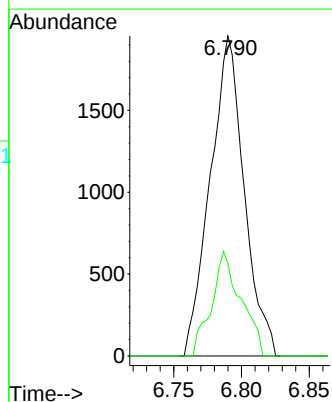
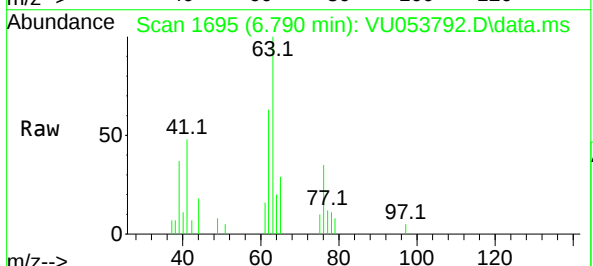
Acq: 19 Apr 2023 20:45

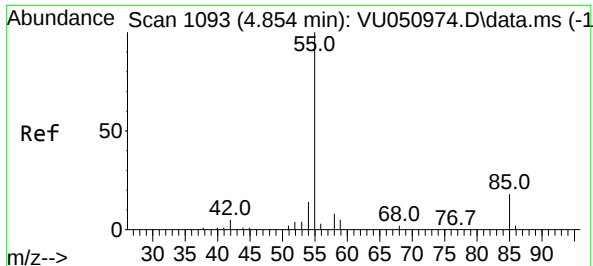
Tgt Ion: 63 Resp: 3401

Ion Ratio Lower Upper

63 100

65 29.0 24.9 37.3

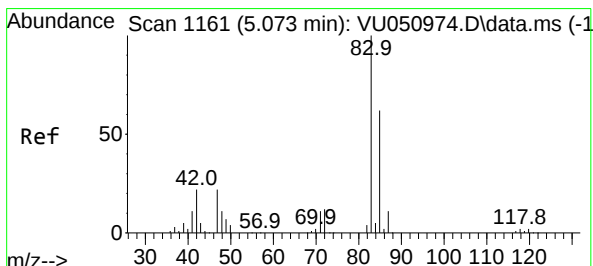
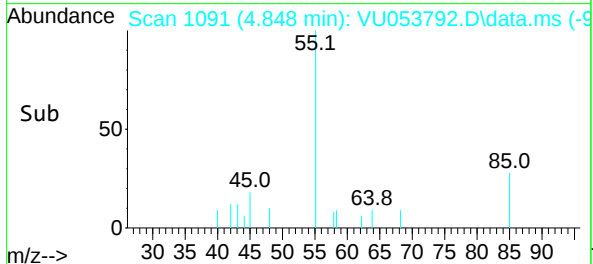
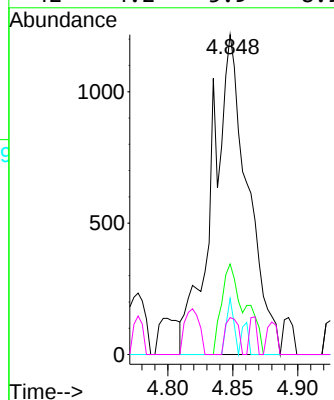
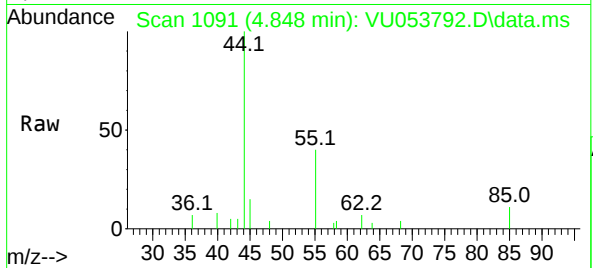




#40
Methyl acrylate
Concen: 0.441 ug/l
RT: 4.848 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

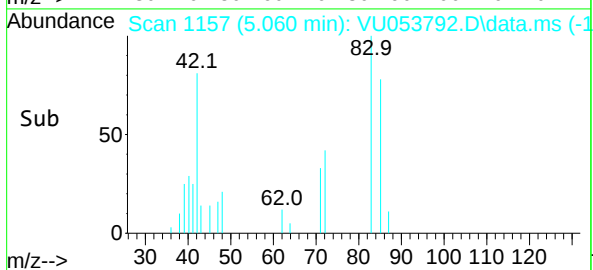
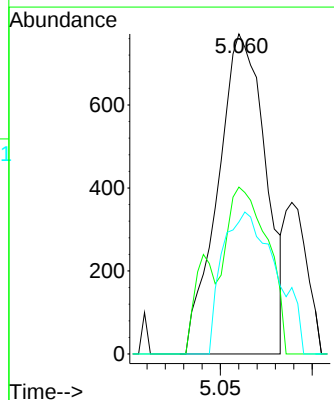
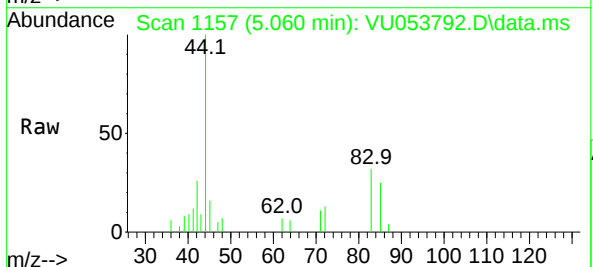
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

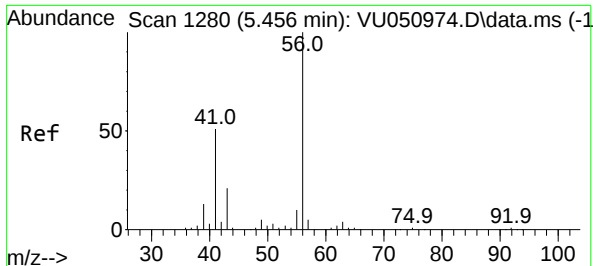
Tgt Ion:	55	Resp:	2322
Ion	Ratio	Lower	Upper
55	100		
85	18.6	13.3	19.9
58	3.6	6.5	9.7#
42	4.2	5.9	8.9#



#41
Tetrahydrofuran
Concen: 0.877 ug/l
RT: 5.060 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:	42	Resp:	1394
Ion	Ratio	Lower	Upper
42	100		
72	45.7	40.9	61.3
71	49.8	36.9	55.3





#42

1-Chlorobutane

Concen: 0.394 ug/l

RT: 5.446 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

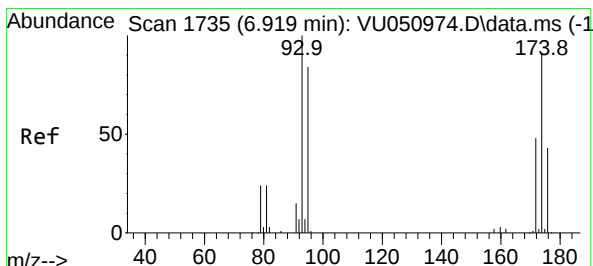
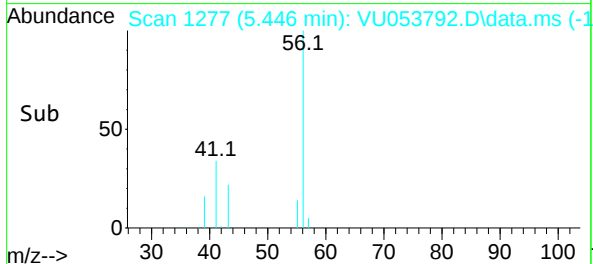
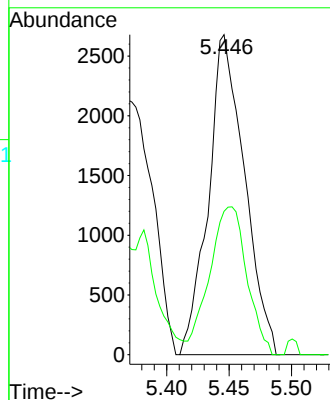
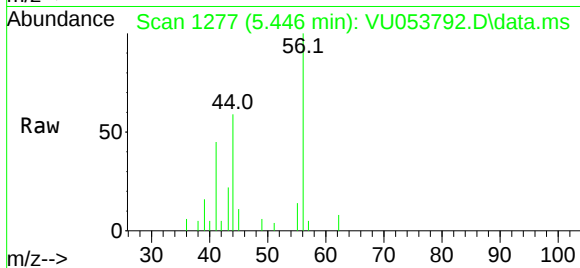
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 56 Resp: 5401

Ion Ratio Lower Upper

56 100

41 47.7 25.2 75.6



#43

Dibromomethane

Concen: 0.363 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

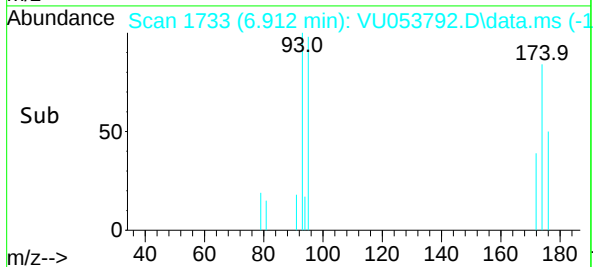
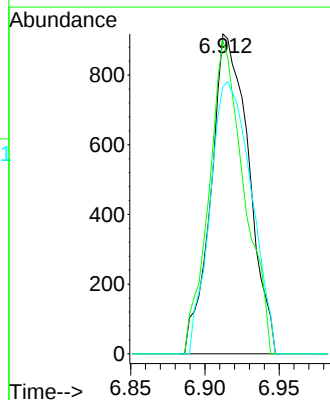
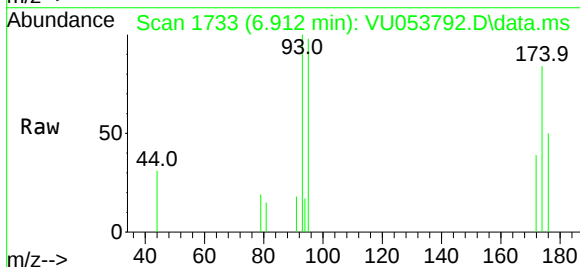
Tgt Ion: 93 Resp: 1621

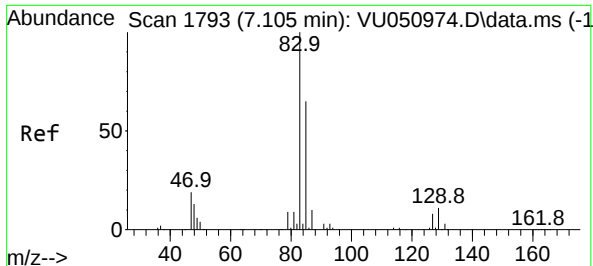
Ion Ratio Lower Upper

93 100

95 91.9 67.0 100.6

174 92.7 73.8 110.6

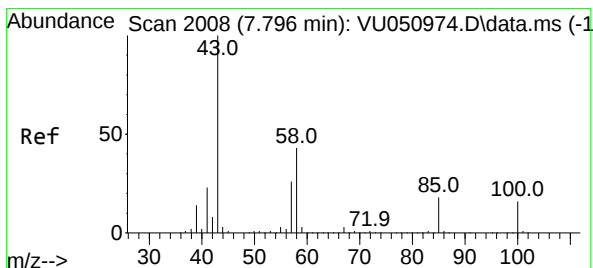
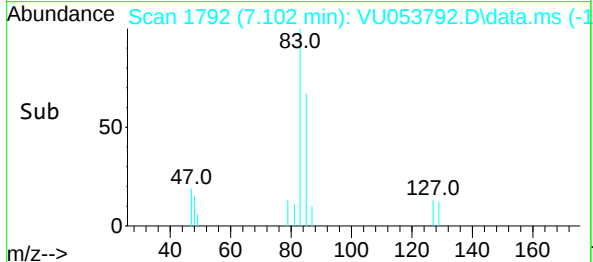
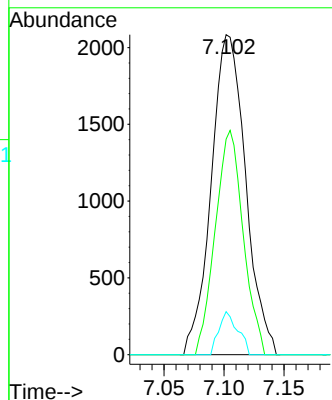
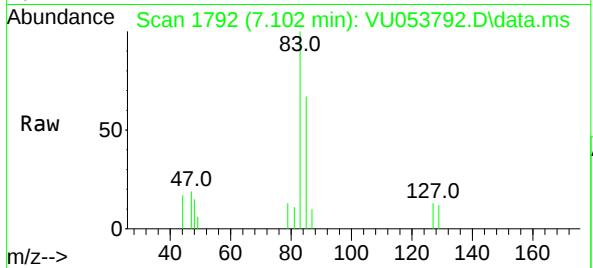




#44
Bromodichloromethane
Concen: 0.370 ug/l
RT: 7.102 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

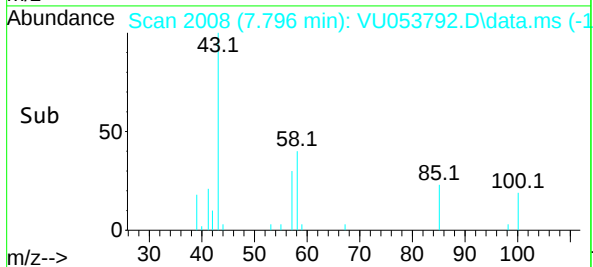
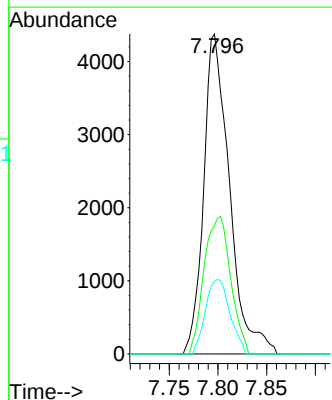
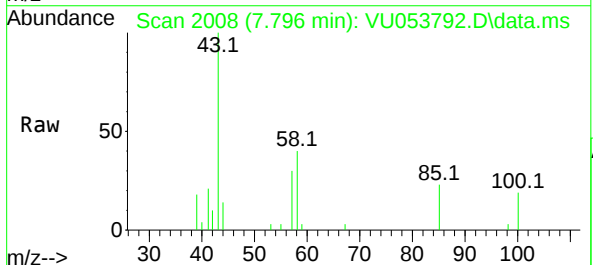
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

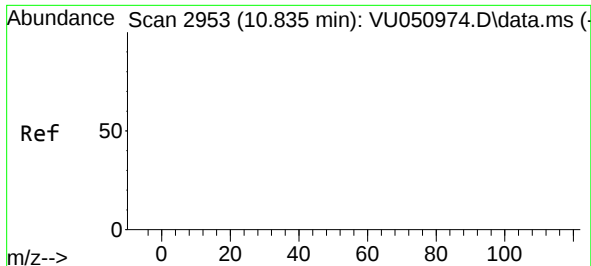
Tgt Ion: 83 Resp: 4156
Ion Ratio Lower Upper
83 100
85 67.3 51.9 77.9
127 13.4 6.7 10.1#



#45
4-Methyl-2-Pentanone
Concen: 1.781 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

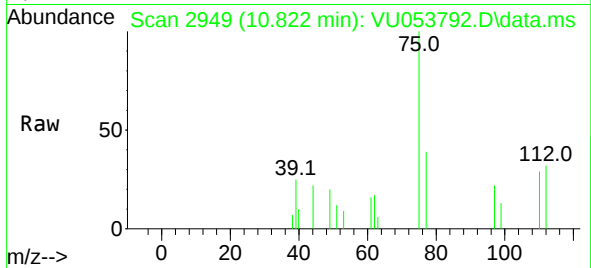
Tgt Ion: 43 Resp: 8081
Ion Ratio Lower Upper
43 100
58 44.0 20.9 62.8
85 22.0 14.6 21.8#



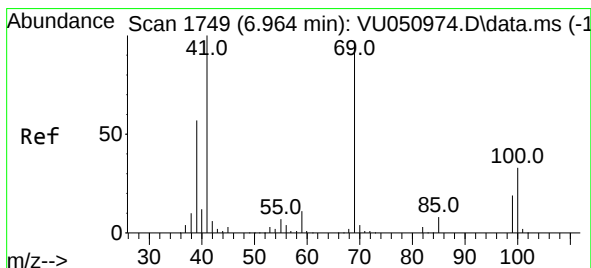
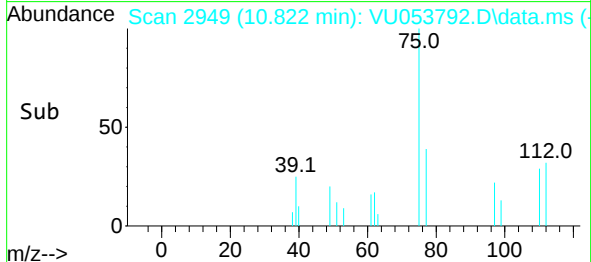
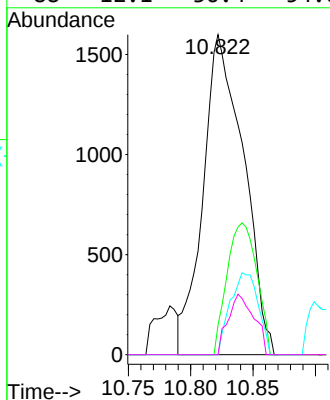


#46
t-1,4-Dichloro-2-butene
Concen: 1.913 ug/l
RT: 10.822 min Scan# 2953
Delta R.T. -0.010 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

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

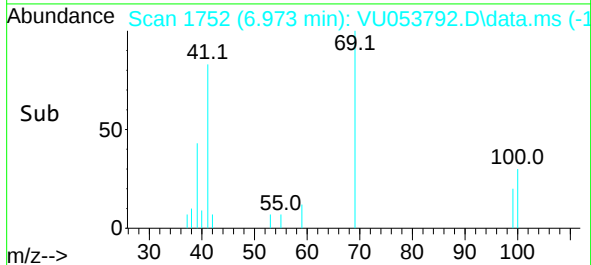
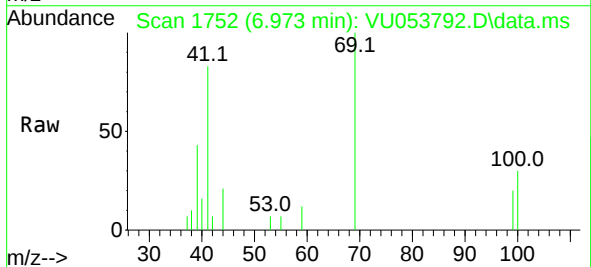
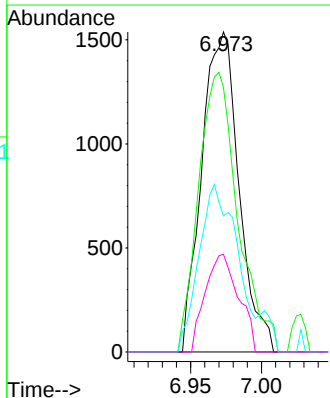


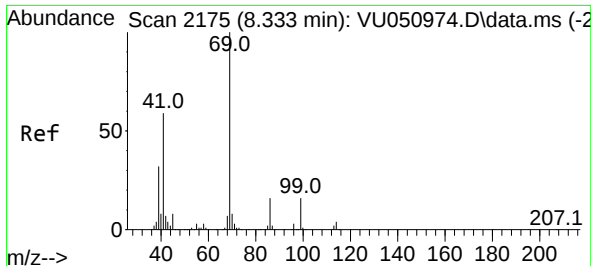
Tgt Ion:	75	Resp:	3604
Ion	Ratio	Lower	Upper
75	100		
53	30.3	73.3	109.9#
89	17.6	48.2	72.4#
88	12.1	36.4	54.6#



#47
Methyl methacrylate
Concen: 0.718 ug/l
RT: 6.973 min Scan# 1752
Delta R.T. 0.009 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:	69	Resp:	2811
Ion	Ratio	Lower	Upper
69	100		
41	92.3	0.0	209.2
39	53.5	46.7	70.1
100	27.3	27.4	41.2#





#48

Ethyl methacrylate

Concen: 0.325 ug/l

RT: 8.336 min Scan# 2175

Delta R.T. 0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

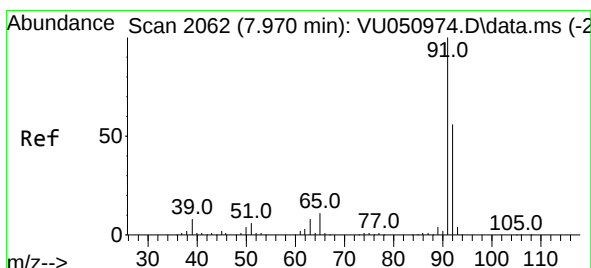
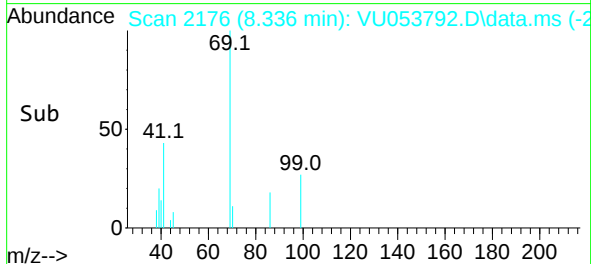
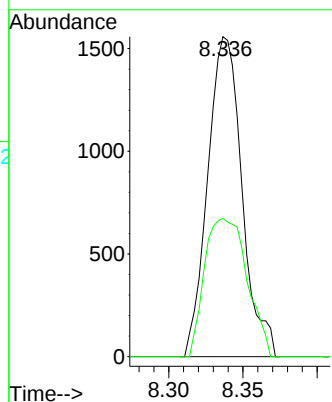
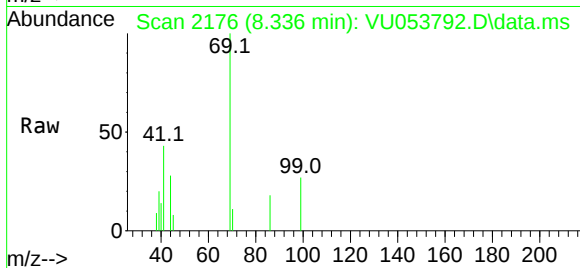
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 69 Resp: 2499

Ion Ratio Lower Upper

69 100

41 53.5 30.3 90.8



#49

Toluene

Concen: 0.337 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.006 min

Lab File: VU053792.D

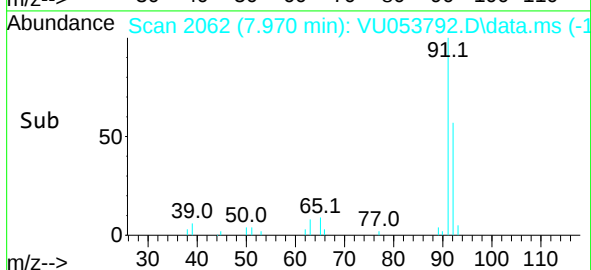
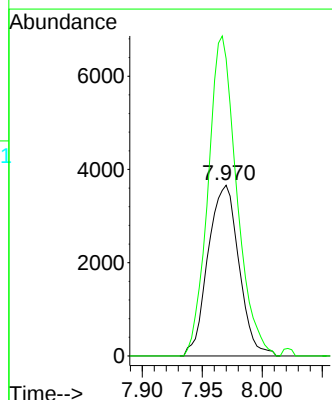
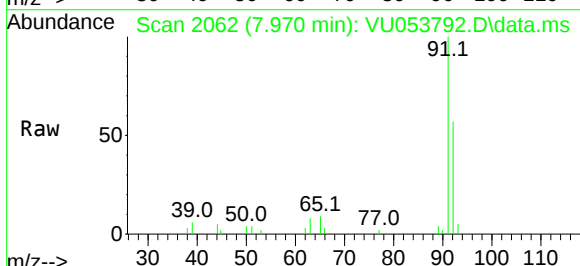
Acq: 19 Apr 2023 20:45

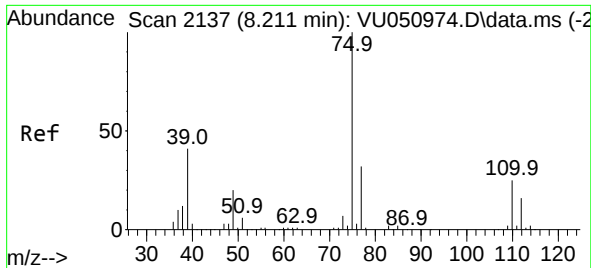
Tgt Ion: 92 Resp: 6556

Ion Ratio Lower Upper

92 100

91 174.1 143.0 214.6





#50

t-1,3-Dichloropropene

Concen: 0.329 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

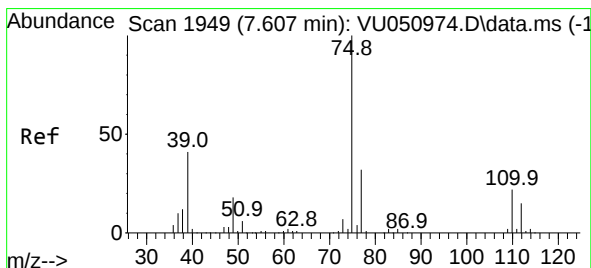
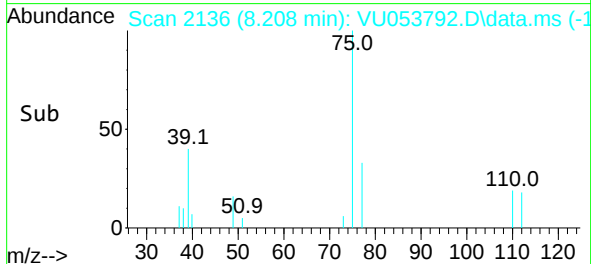
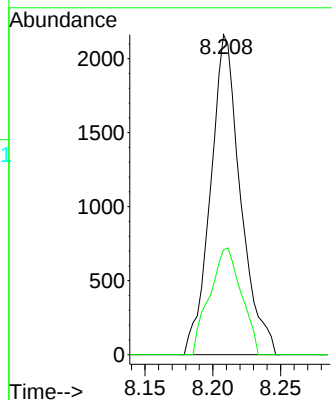
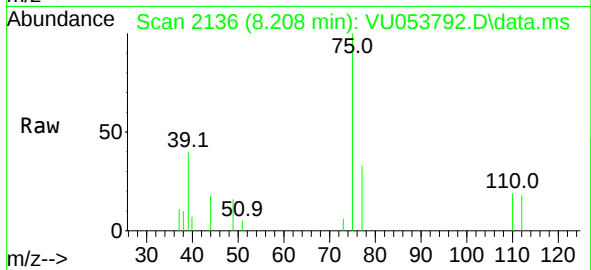
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 75 Resp: 3321

Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9



#51

cis-1,3-Dichloropropene

Concen: 0.320 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

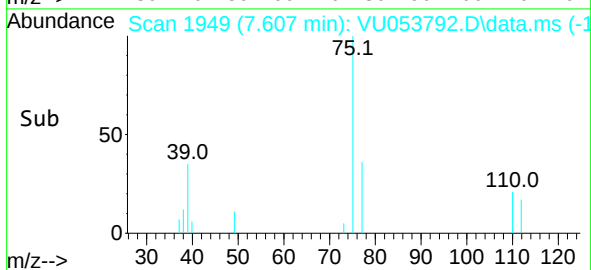
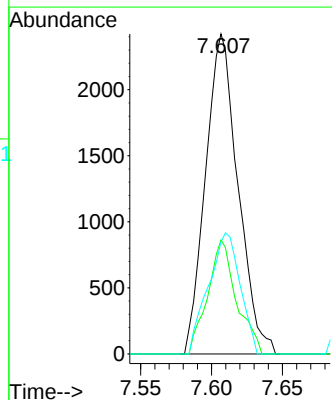
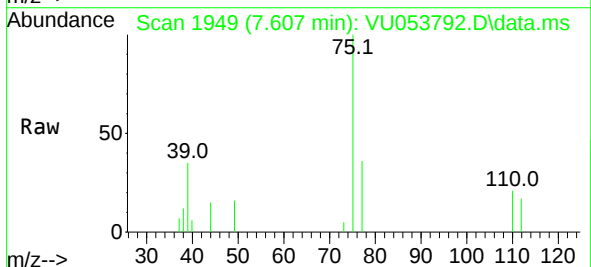
Tgt Ion: 75 Resp: 3855

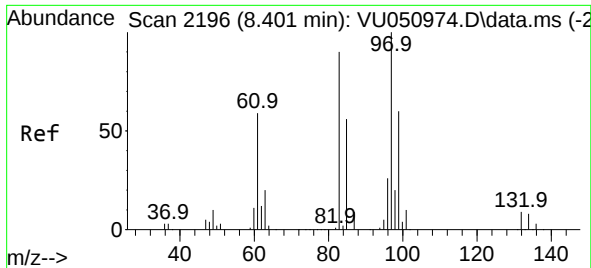
Ion Ratio Lower Upper

75 100

77 35.6 25.7 38.5

39 35.1 32.8 49.2

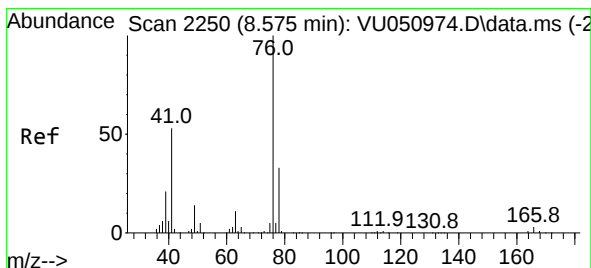
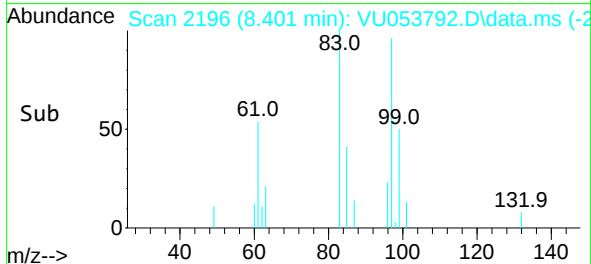
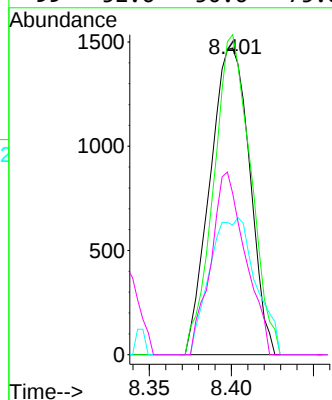
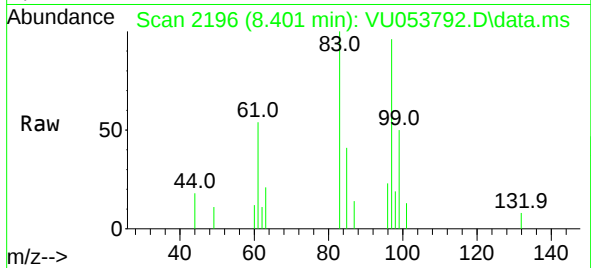




#52
1,1,2-Trichloroethane
Concen: 0.349 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

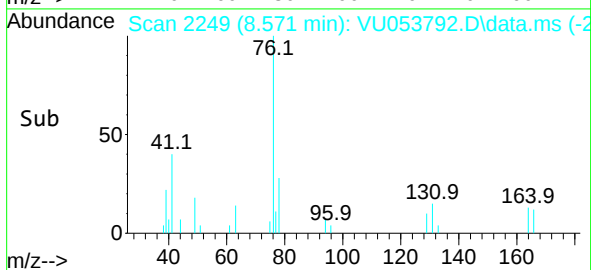
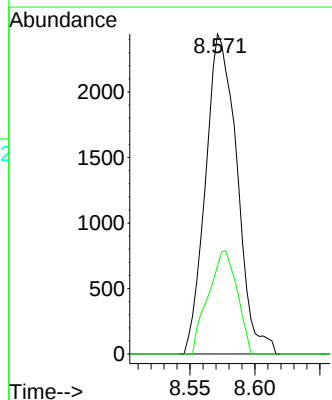
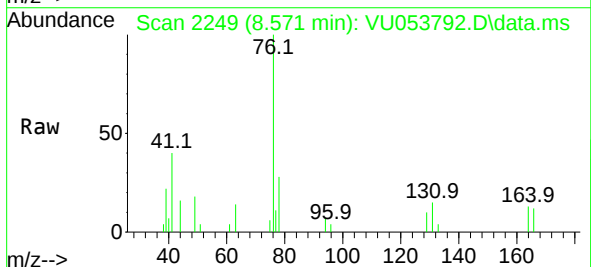
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

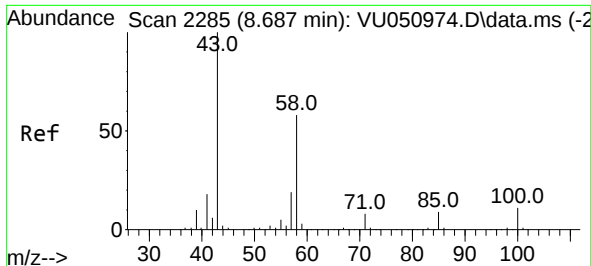
Tgt Ion: 97	Resp: 2472
Ion Ratio	Lower Upper
97 100	
83 104.4	71.8 107.8
85 42.3	45.2 67.8#
99 52.6	50.6 75.8



#53
1,3-Dichloropropane
Concen: 0.371 ug/l
RT: 8.571 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 76	Resp: 4106		
Ion Ratio	Lower	Upper	
76 100			
78 29.5	25.9	38.9	

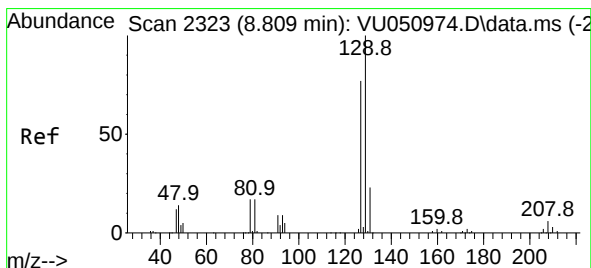
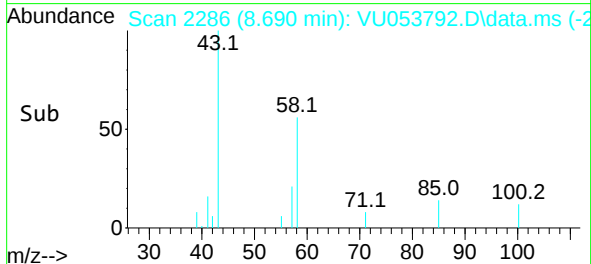
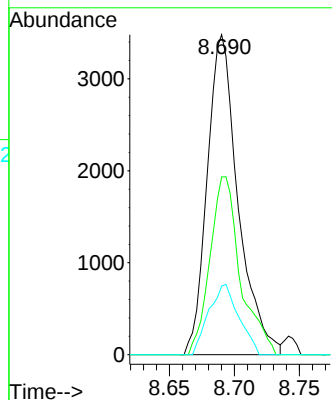
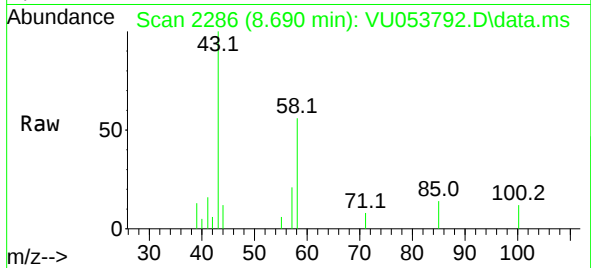




#54
2-Hexanone
Concen: 1.353 ug/l
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

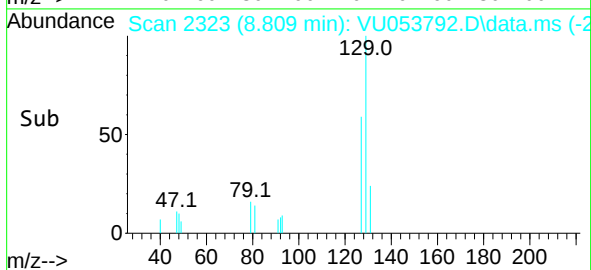
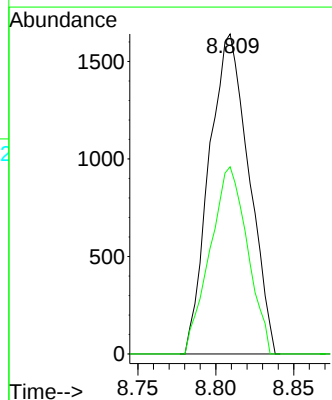
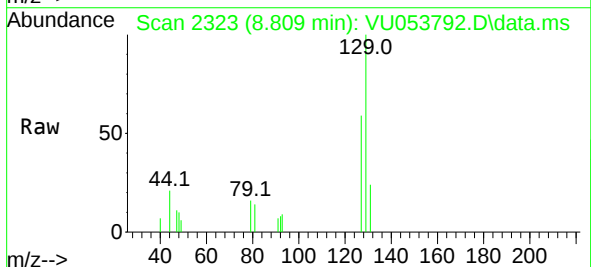
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

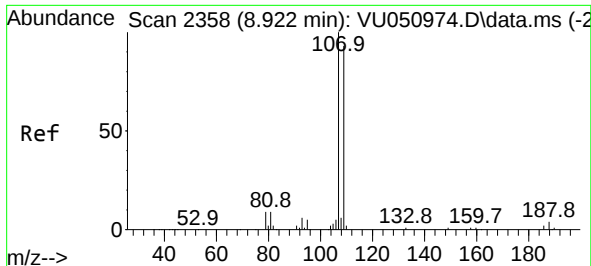
Tgt Ion: 43 Resp: 5755
Ion Ratio Lower Upper
43 100
58 54.7 38.2 78.2
57 21.3 0.0 39.1



#55
Dibromochloromethane
Concen: 0.390 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 129 Resp: 2899
Ion Ratio Lower Upper
129 100
127 55.3 61.4 92.0#





#56

1,2-Dibromoethane

Concen: 0.406 ug/l

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

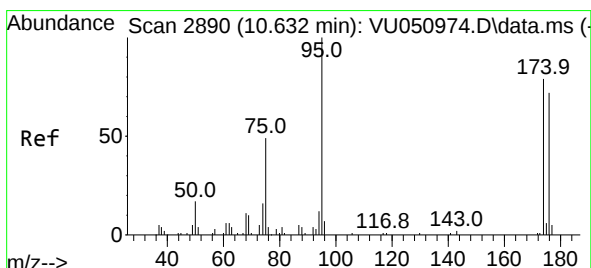
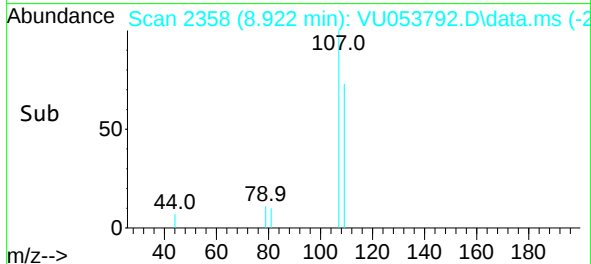
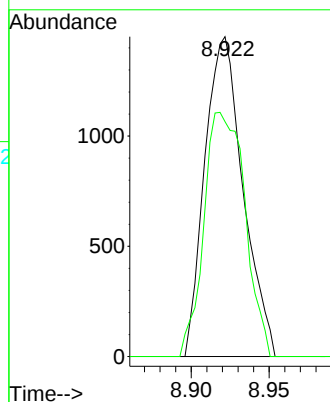
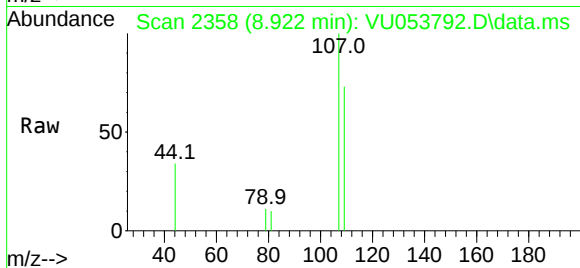
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:107 Resp: 2480

Ion Ratio Lower Upper

107 100

109 81.7 0.0 184.4



#57

4-Bromofluorobenzene

Concen: 0.901 ug/l

RT: 10.629 min Scan# 2889

Delta R.T. -0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

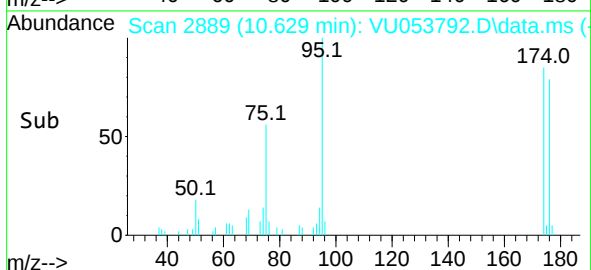
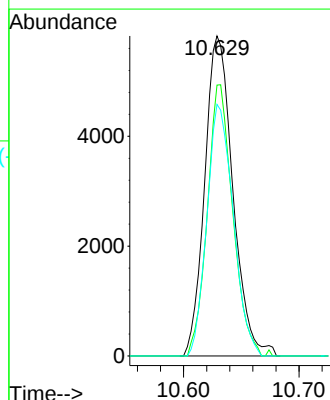
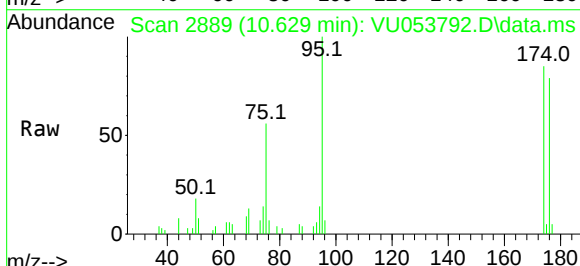
Tgt Ion: 95 Resp: 9873

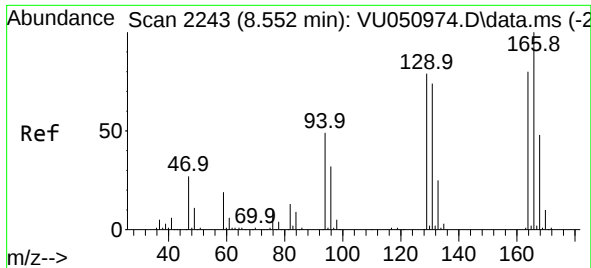
Ion Ratio Lower Upper

95 100

174 76.3 63.3 94.9

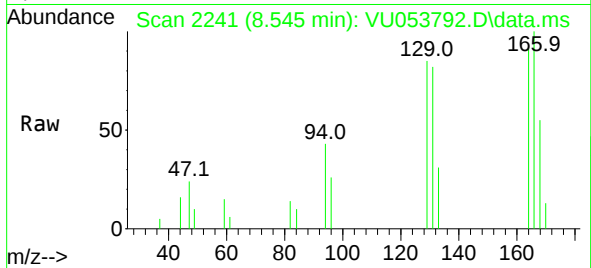
176 73.6 59.3 88.9



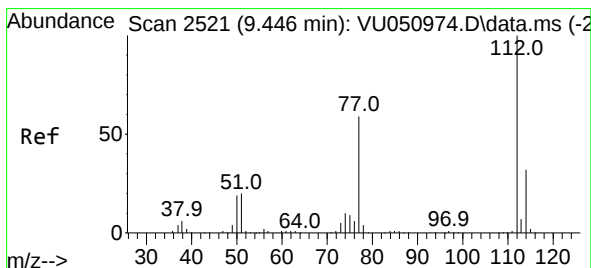
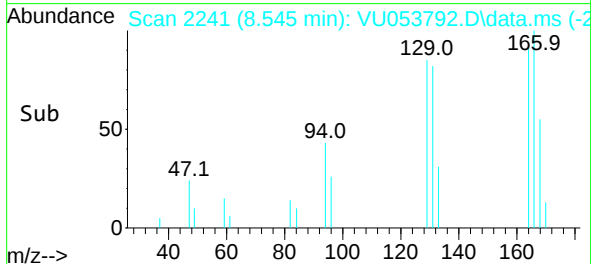
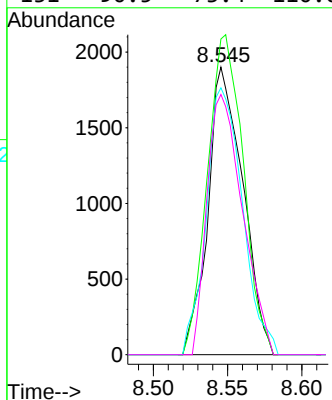


#58
Tetrachloroethene
Concen: 0.366 ug/l
RT: 8.545 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

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

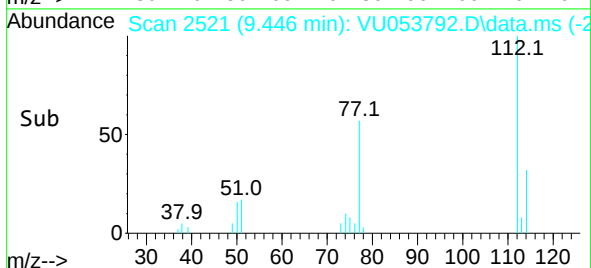
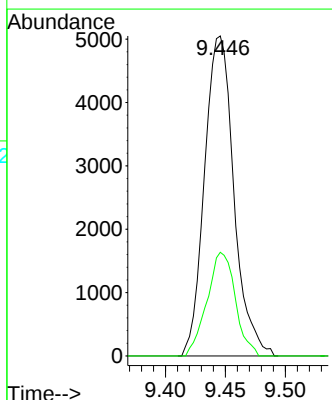
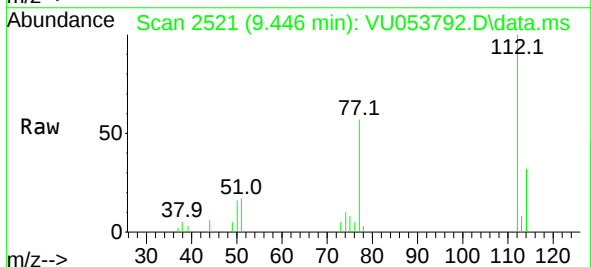


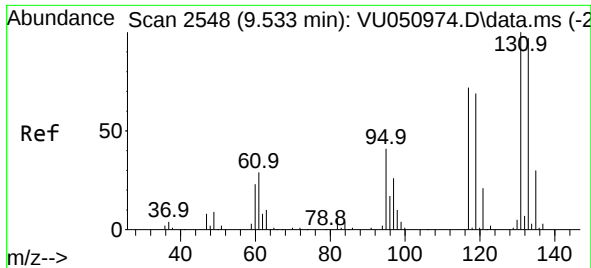
Tgt Ion:164 Resp: 3106
Ion Ratio Lower Upper
164 100
166 109.8 99.6 149.4
129 92.8 78.6 117.8
131 90.5 73.4 110.0



#59
Chlorobenzene
Concen: 0.355 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:112 Resp: 8603
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

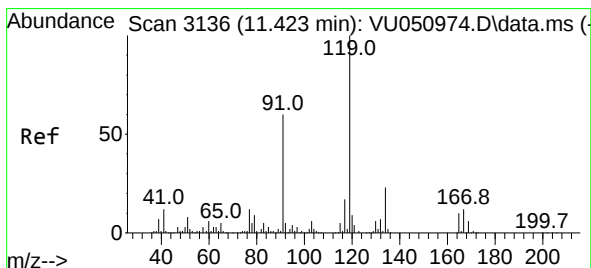
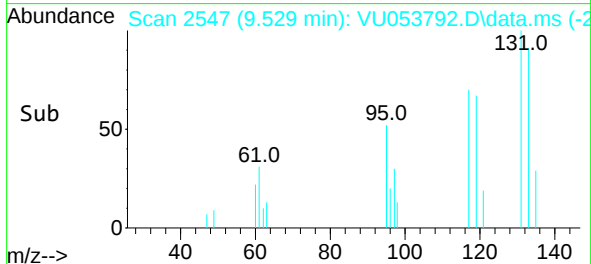
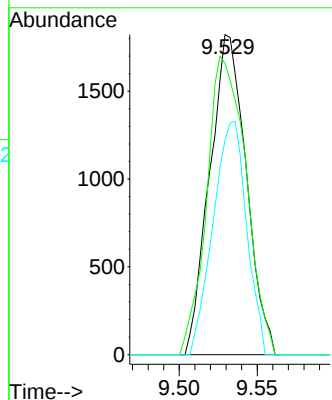
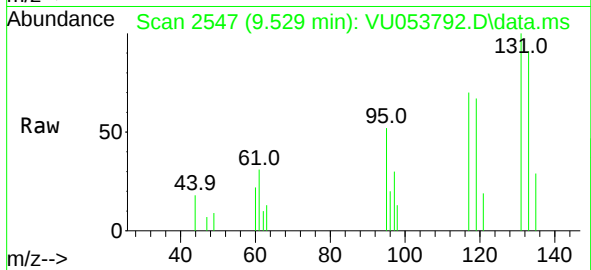




#60
1,1,1,2-Tetrachloroethane
Concen: 0.339 ug/l
RT: 9.529 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

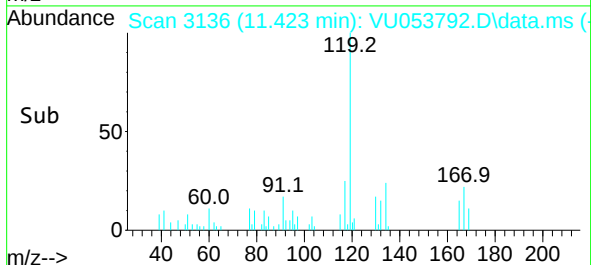
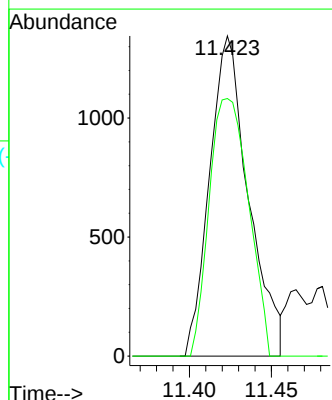
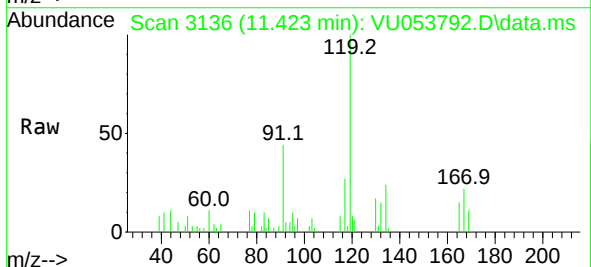
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

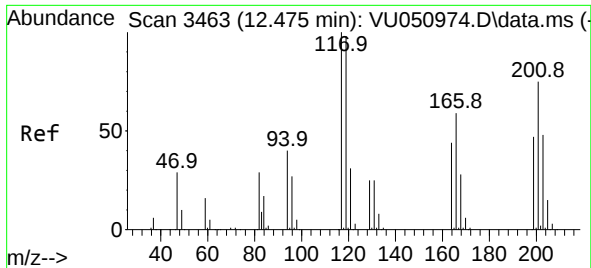
Tgt Ion:131 Resp: 2965
Ion Ratio Lower Upper
131 100
133 100.0 77.8 116.6
119 66.8 55.2 82.8



#61
Pentachloroethane
Concen: 0.329 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:117 Resp: 2215
Ion Ratio Lower Upper
117 100
167 81.4 56.7 85.1

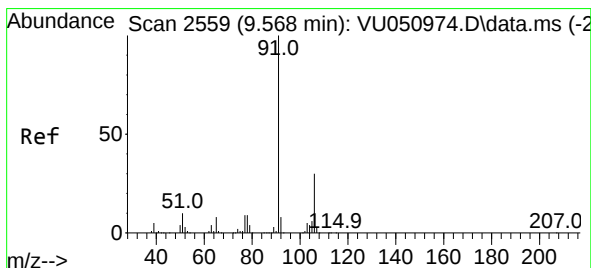
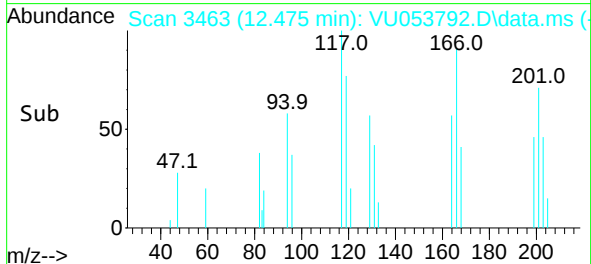
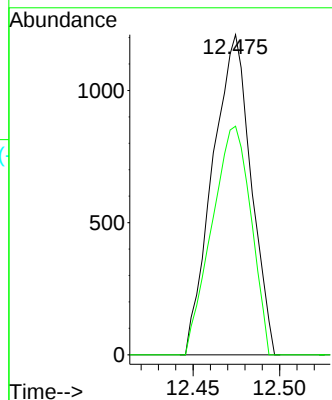
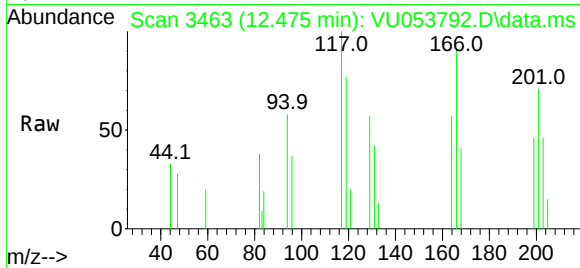




#62
Hexachloroethane
Concen: 0.284 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

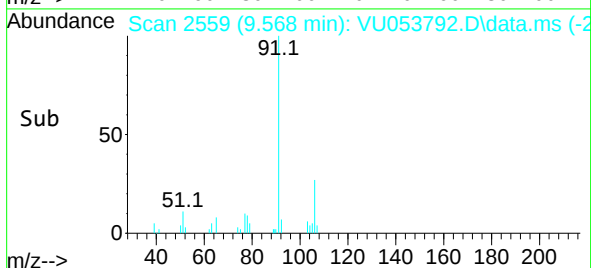
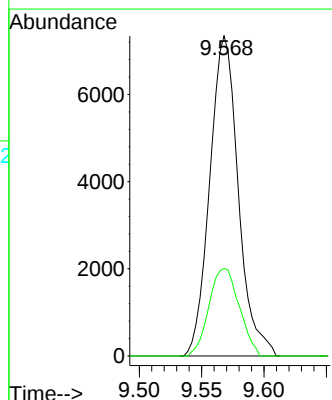
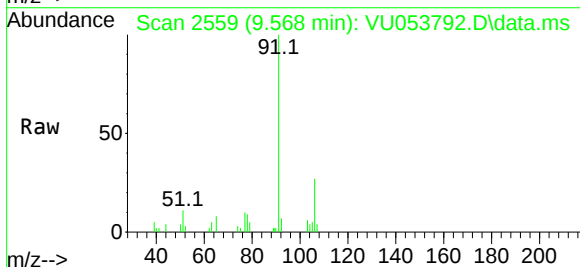
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

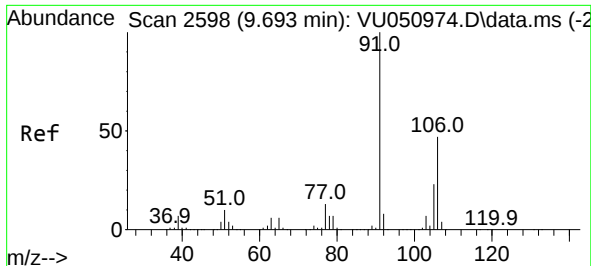
Tgt Ion: 117 Resp: 1868
Ion Ratio Lower Upper
117 100
201 72.6 59.6 89.4



#63
Ethyl Benzene
Concen: 0.306 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 91 Resp: 11688
Ion Ratio Lower Upper
91 100
106 27.3 24.2 36.2

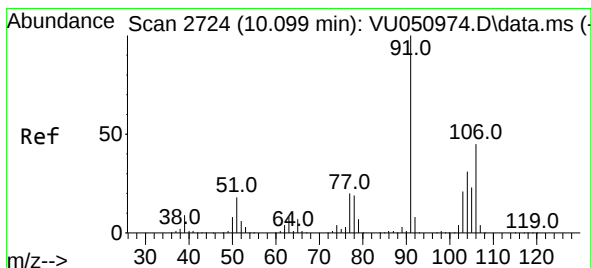
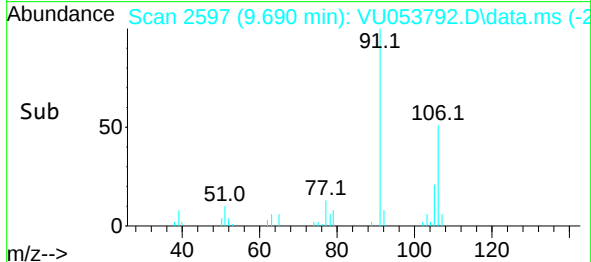
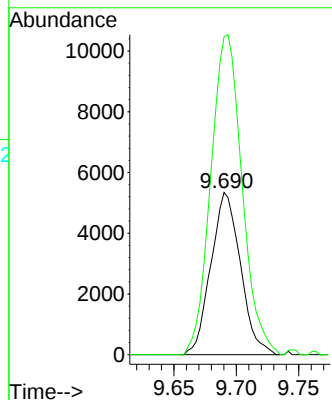
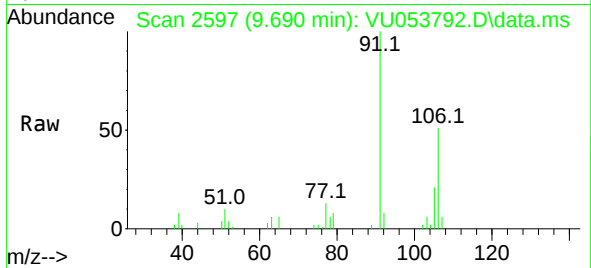




#64
m/p-Xylenes
Concen: 0.587 ug/l
RT: 9.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

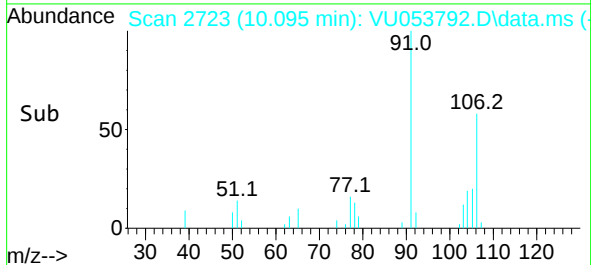
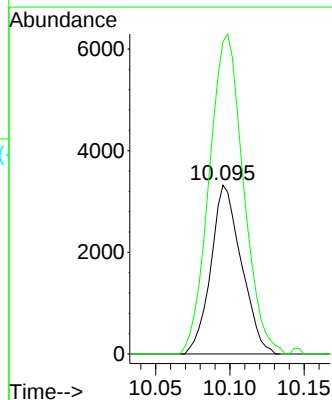
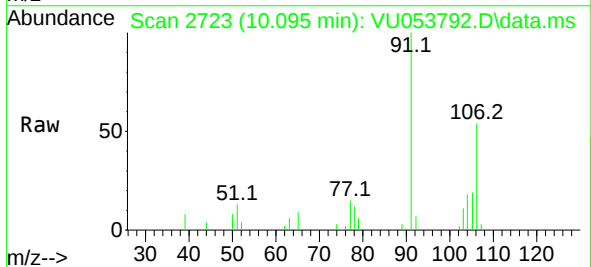
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

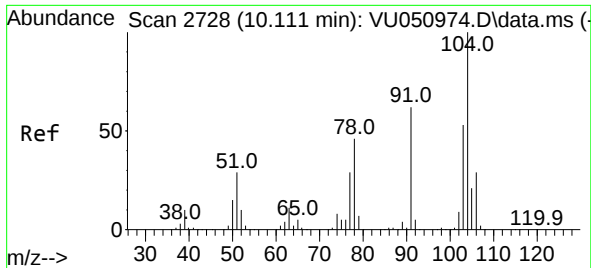
Tgt Ion:106 Resp: 8841
Ion Ratio Lower Upper
106 100
91 208.4 167.3 250.9



#65
o-Xylene
Concen: 0.312 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:106 Resp: 4745
Ion Ratio Lower Upper
106 100
91 212.6 109.3 327.9

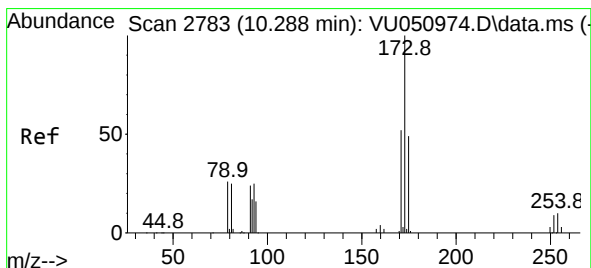
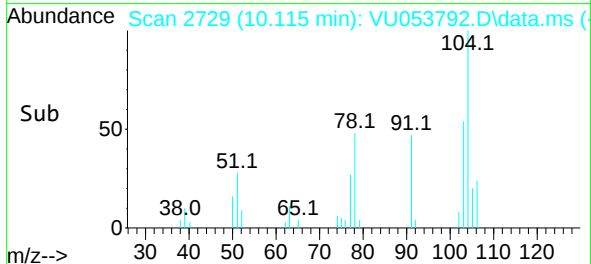
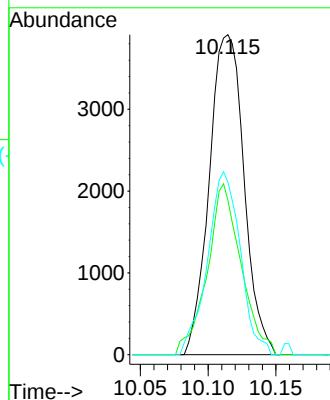
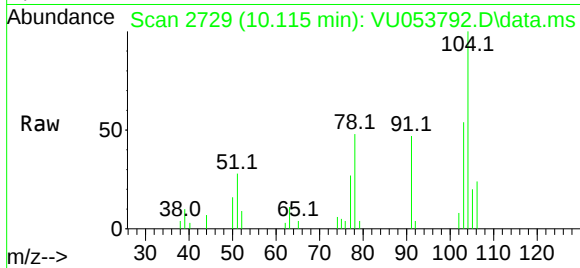




#66
Styrene
Concen: 0.289 ug/l
RT: 10.115 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

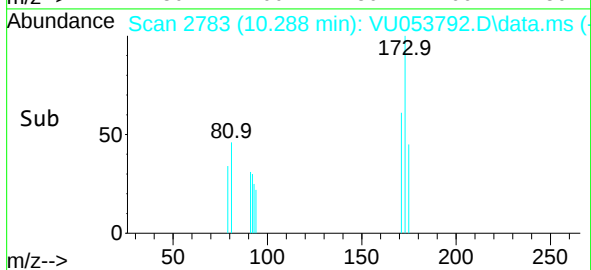
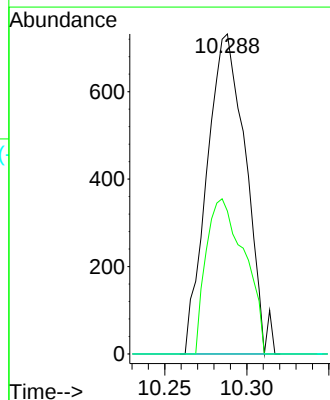
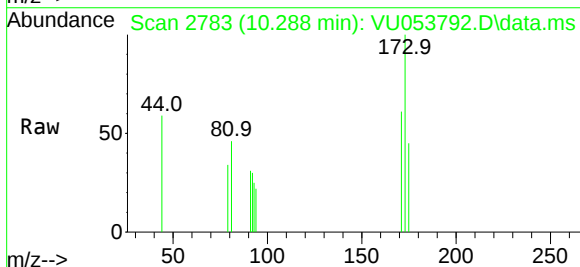
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

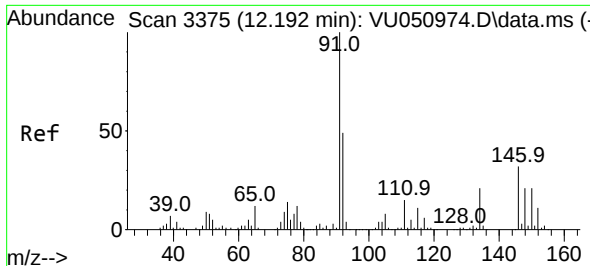
Tgt Ion:104 Resp: 6973
Ion Ratio Lower Upper
104 100
78 51.9 39.7 59.5
103 54.0 44.8 67.2



#67
Bromoform
Concen: 0.310 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:173 Resp: 1200
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.6
254 0.0 7.4 11.0#

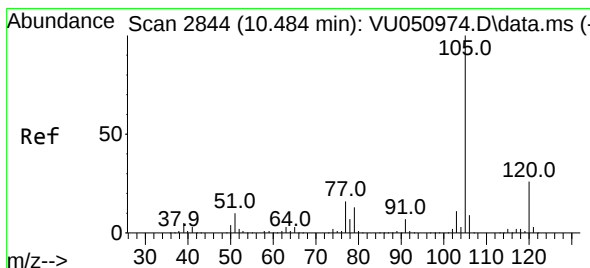
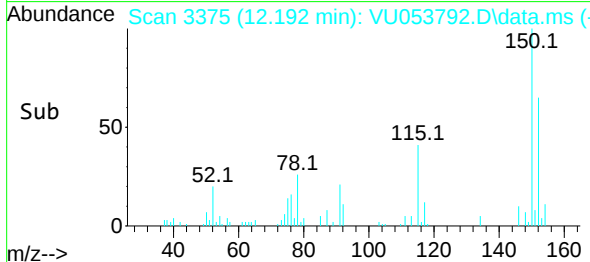
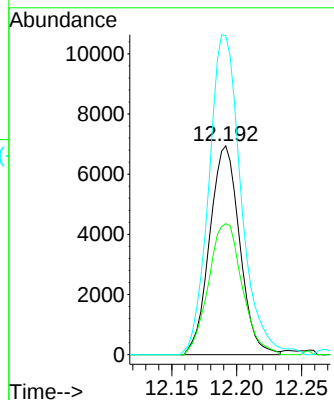
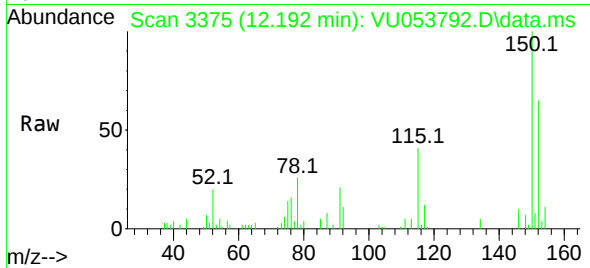




#68
1,2-Dichlorobenzene-d4
Concen: 0.854 ug/l
RT: 12.192 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

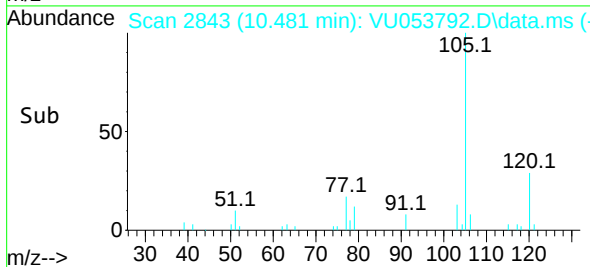
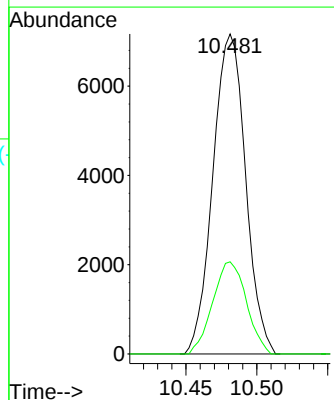
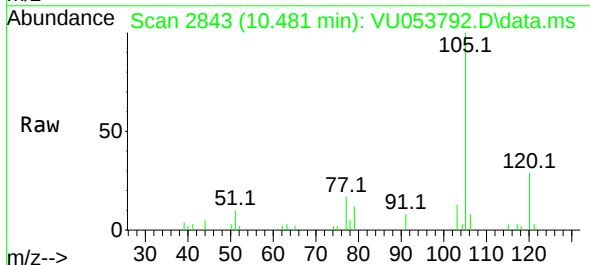
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

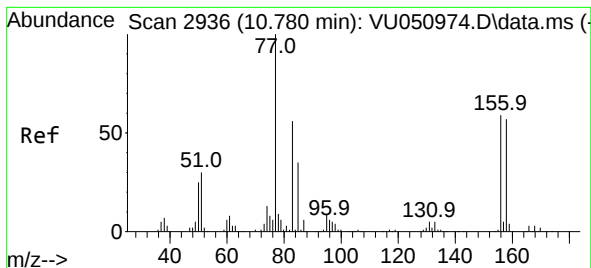
Tgt Ion:152 Resp: 11126
Ion Ratio Lower Upper
152 100
115 70.3 0.0 308.8
150 165.0 0.0 635.0



#69
Isopropylbenzene
Concen: 0.290 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:105 Resp: 11506
Ion Ratio Lower Upper
105 100
120 29.6 12.8 38.4





#70

1,1,2-Tetrachloroethane

Concen: 0.389 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

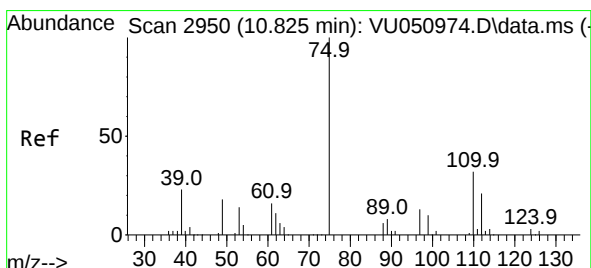
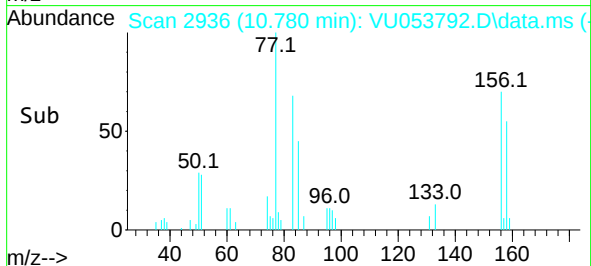
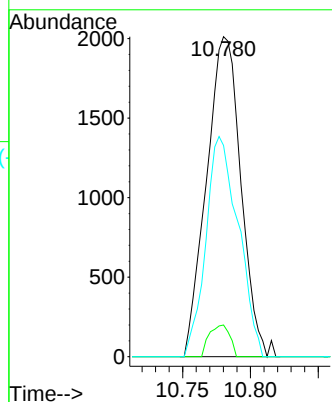
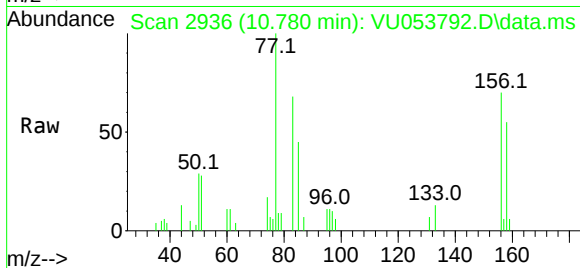
Tgt Ion: 83 Resp: 3544

Ion Ratio Lower Upper

83 100

131 5.9 7.2 10.8#

85 65.0 50.5 75.7



#71

1,2,3-Trichloropropane

Concen: 0.548 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Tgt Ion: 75 Resp: 3604

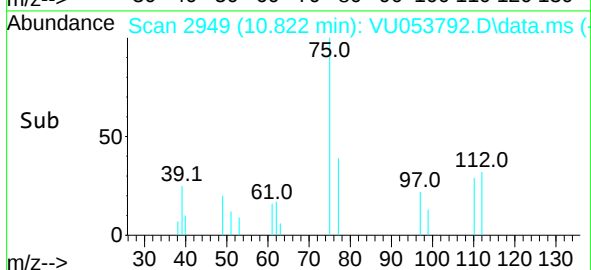
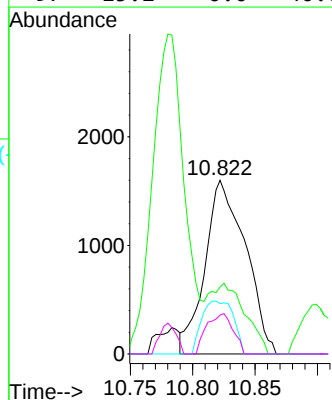
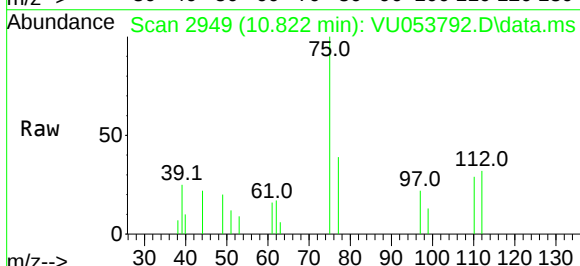
Ion Ratio Lower Upper

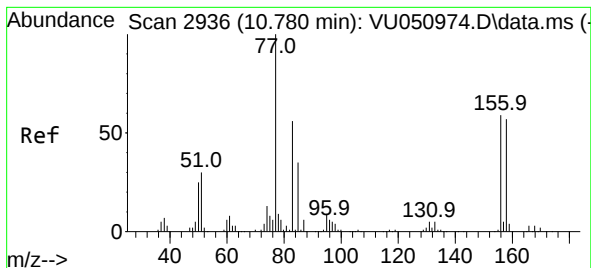
75 100

77 24.3 0.0 116.4

110 23.9 0.0 74.6

97 15.2 0.0 40.0





#72

Bromobenzene

Concen: 0.311 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

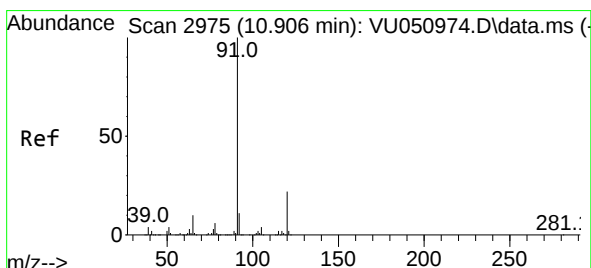
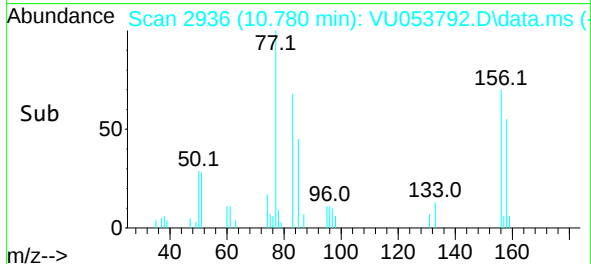
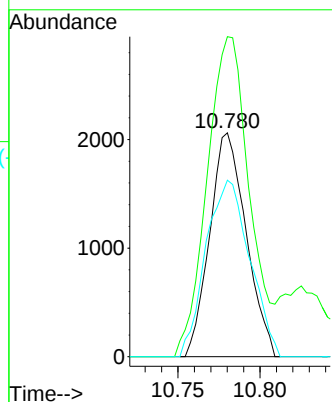
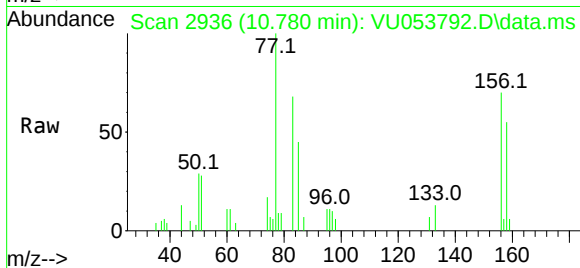
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion:	156	Resp:	3172
Ion Ratio	Lower	Upper	
156	100		
77	166.9	0.0	343.0
158	94.9	0.0	194.8



#73

n-propylbenzene

Concen: 0.317 ug/l

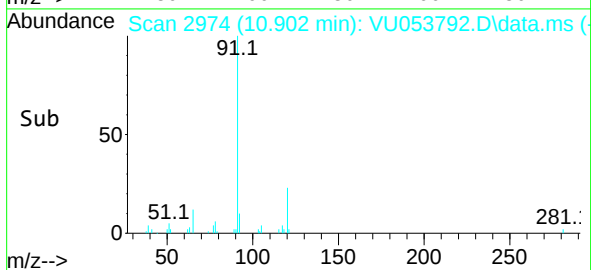
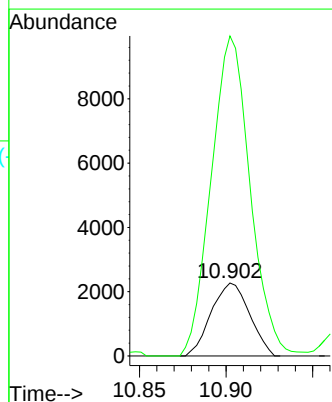
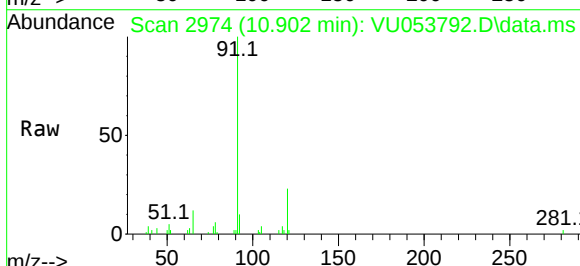
RT: 10.902 min Scan# 2974

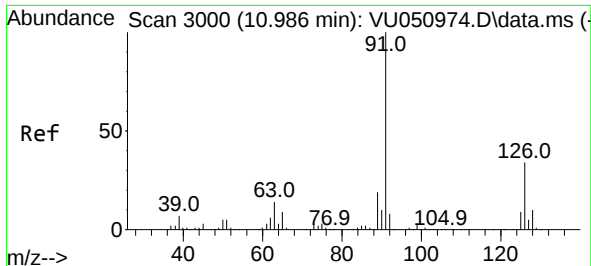
Delta R.T. -0.000 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Tgt Ion:	120	Resp:	3490
Ion Ratio	Lower	Upper	
120	100		
91	446.2	369.8	554.6

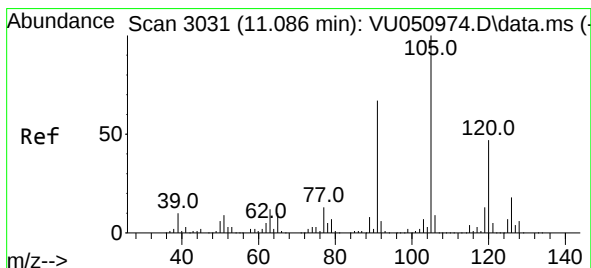
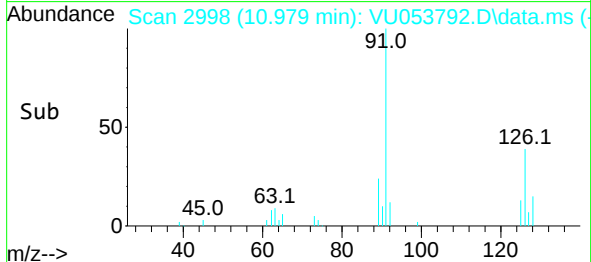
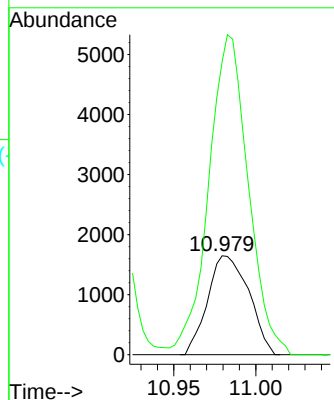
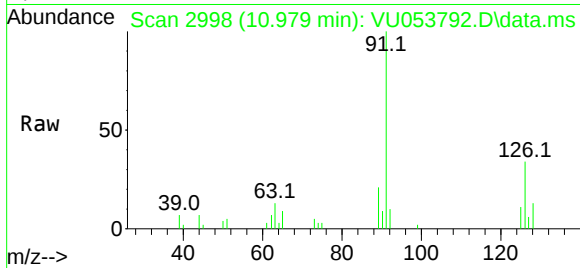




#74
2-Chlorotoluene
Concen: 0.276 ug/l
RT: 10.979 min Scan# 2998
Delta R.T. -0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

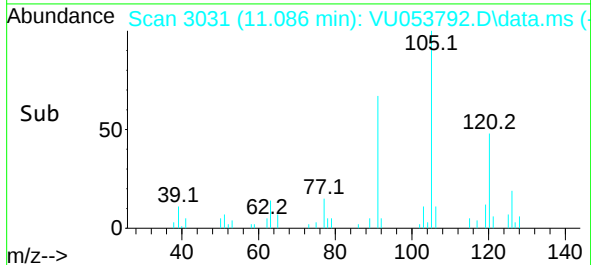
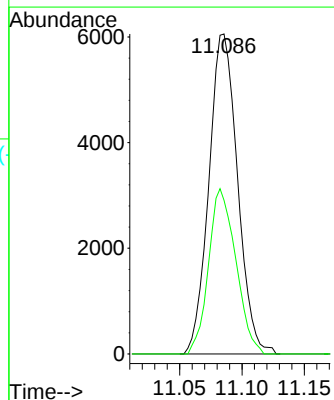
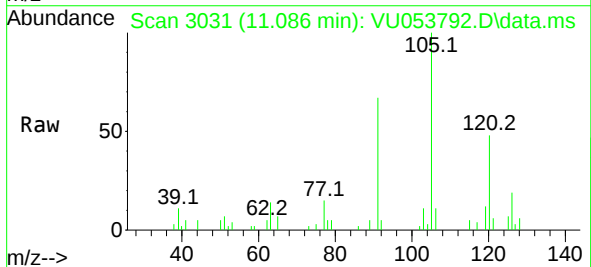
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

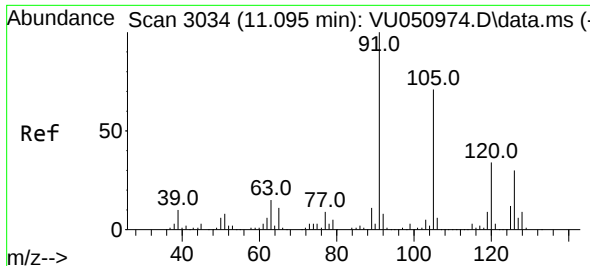
Tgt Ion:126 Resp: 2875
Ion Ratio Lower Upper
126 100
91 309.4 0.0 610.0



#75
1,3,5-Trimethylbenzene
Concen: 0.280 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:105 Resp: 9704
Ion Ratio Lower Upper
105 100
120 49.0 37.8 56.8

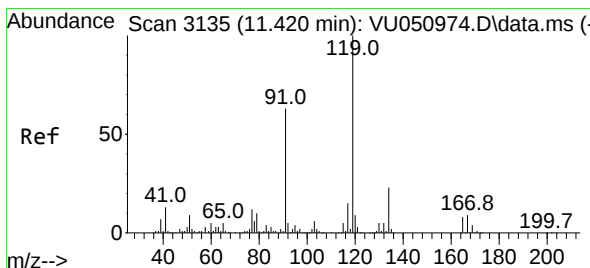
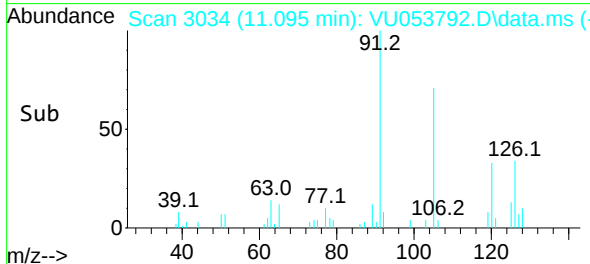
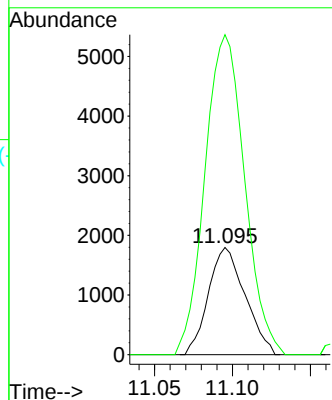
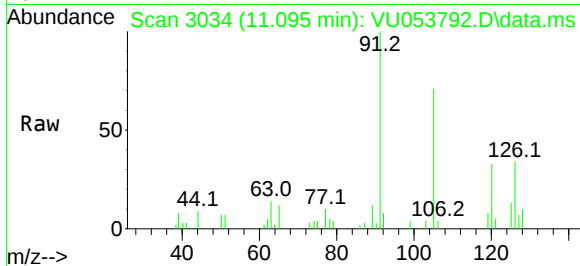




#76
4-Chlorotoluene
Concen: 0.278 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

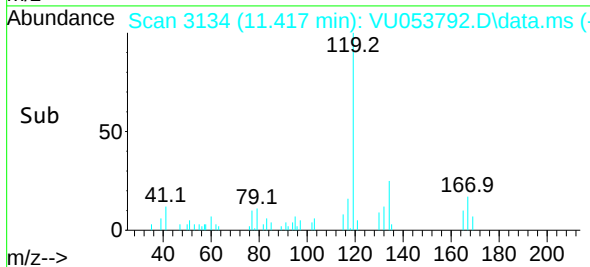
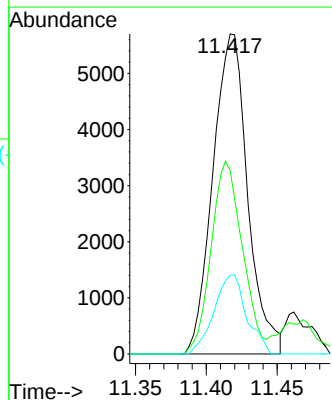
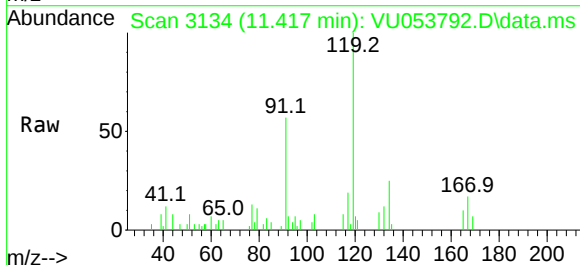
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

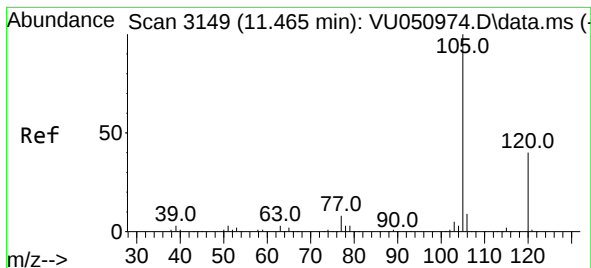
Tgt Ion:126 Resp: 2947
Ion Ratio Lower Upper
126 100
91 322.2 0.0 686.2



#77
tert-Butylbenzene
Concen: 0.279 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:119 Resp: 9736
Ion Ratio Lower Upper
119 100
91 54.3 30.8 92.4
134 23.1 18.0 27.0





#78

1,2,4-Trimethylbenzene

Concen: 0.254 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

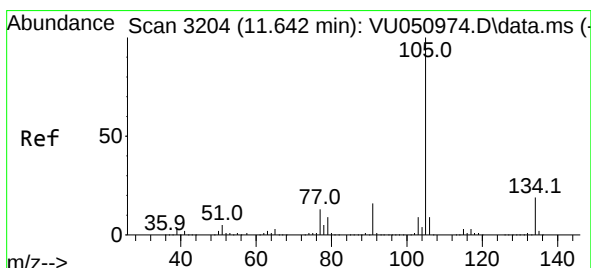
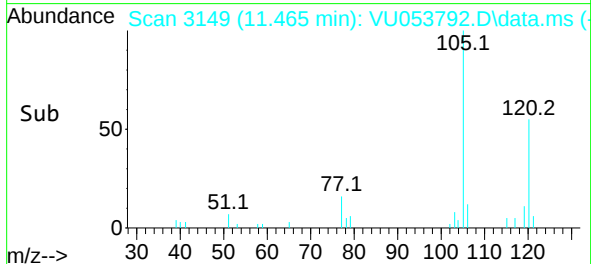
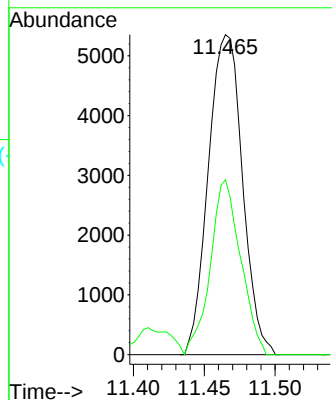
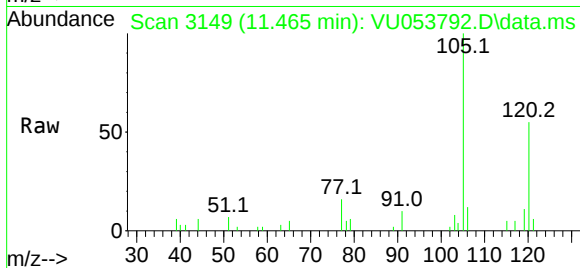
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 8975

Ion Ratio Lower Upper

105 100

120 48.5 21.9 65.8



#79

sec-Butylbenzene

Concen: 0.253 ug/l

RT: 11.642 min Scan# 3204

Delta R.T. 0.003 min

Lab File: VU053792.D

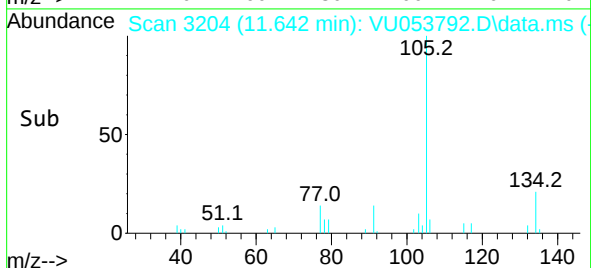
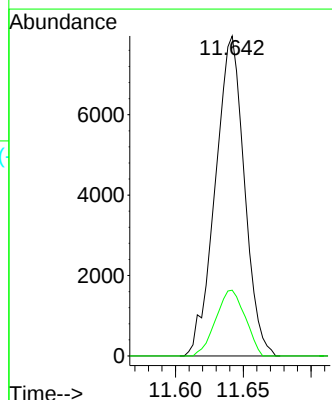
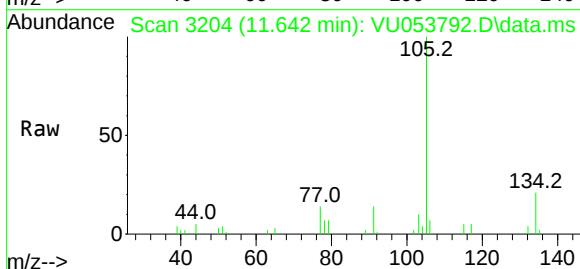
Acq: 19 Apr 2023 20:45

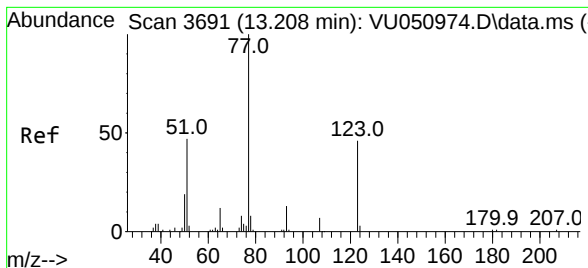
Tgt Ion:105 Resp: 11872

Ion Ratio Lower Upper

105 100

134 20.7 14.9 22.3

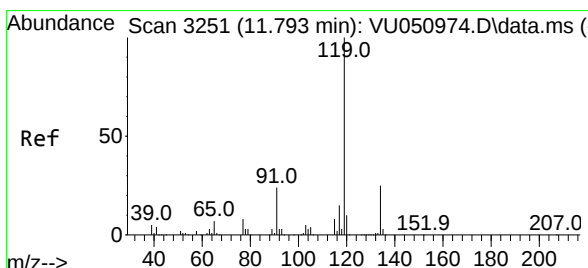
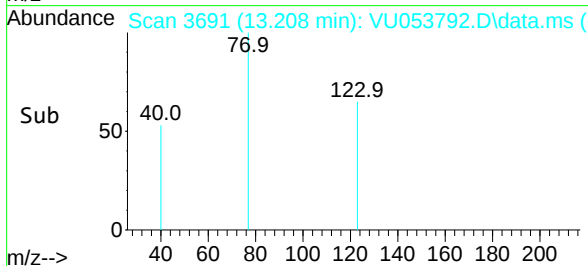
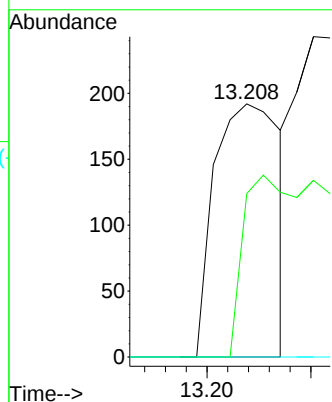
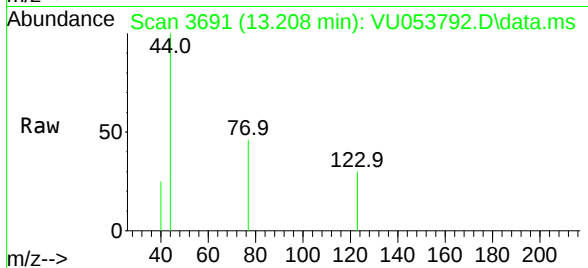




#80
Nitrobenzene
Concen: 0.585 ug/l
RT: 13.208 min Scan# 30
Delta R.T. 0.006 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

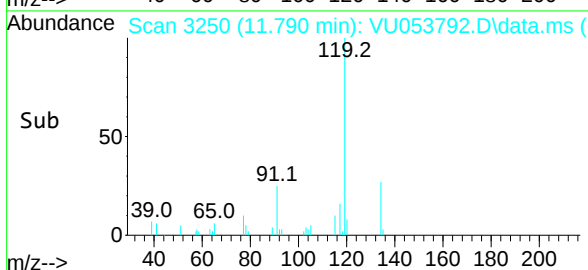
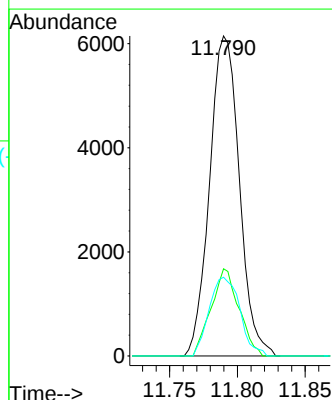
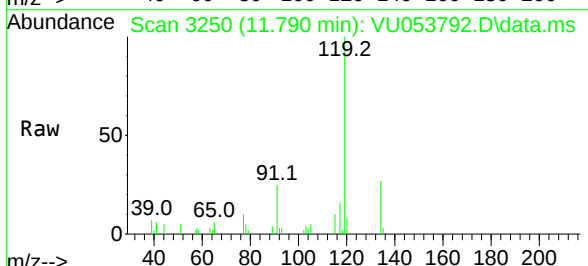
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

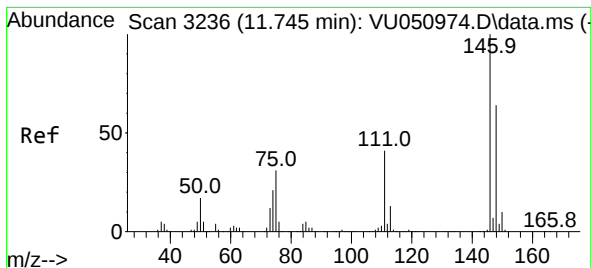
Tgt Ion: 77 Resp: 169
Ion Ratio Lower Upper
77 100
123 87.6 19.7 69.7#
65 0.0 11.5 14.7#



#81
p-Isopropyltoluene
Concen: 0.244 ug/l
RT: 11.790 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion: 119 Resp: 9373
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.4
91 25.4 19.3 28.9





#82

1,3-Dichlorobenzene

Concen: 0.300 ug/l

RT: 11.741 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

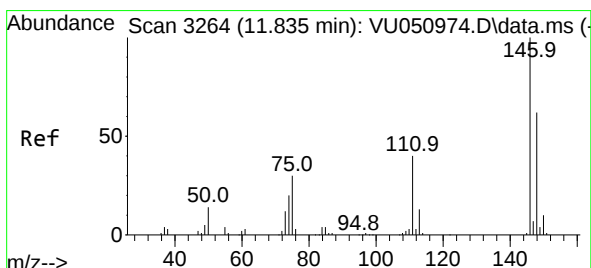
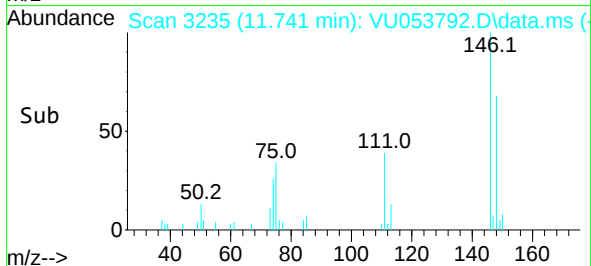
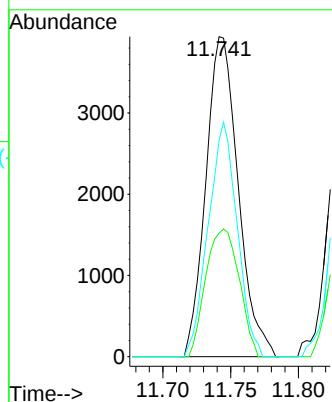
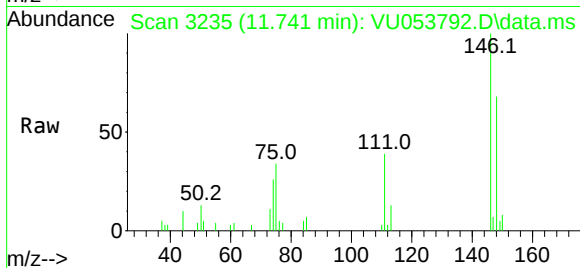
Tgt Ion:146 Resp: 6537

Ion Ratio Lower Upper

146 100

111 41.1 32.6 49.0

148 65.6 51.0 76.4



#83

1,4-Dichlorobenzene

Concen: 0.285 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.003 min

Lab File: VU053792.D

Acq: 19 Apr 2023 20:45

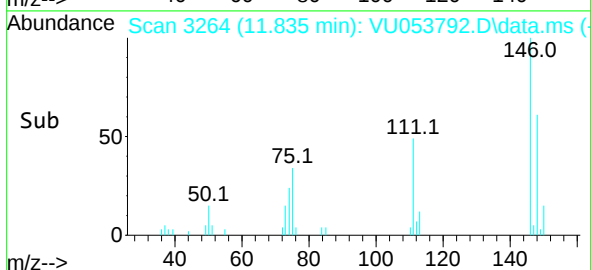
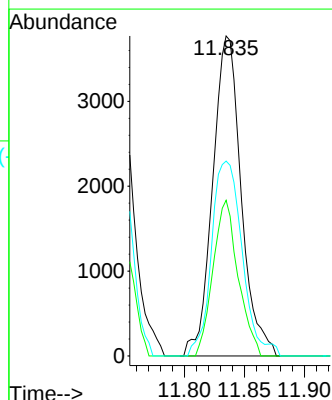
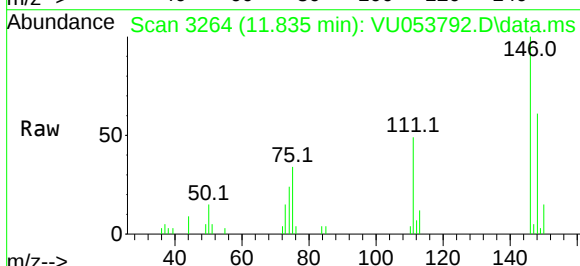
Tgt Ion:146 Resp: 6225

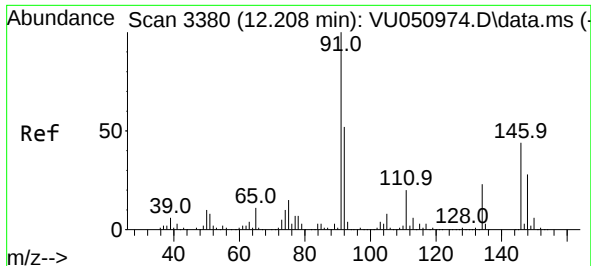
Ion Ratio Lower Upper

146 100

111 42.8 31.6 47.4

148 65.6 50.3 75.5

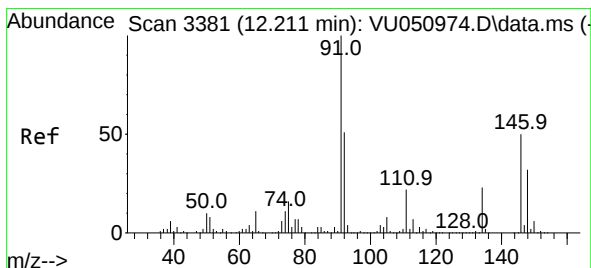
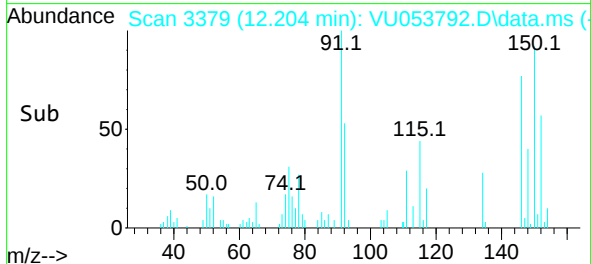
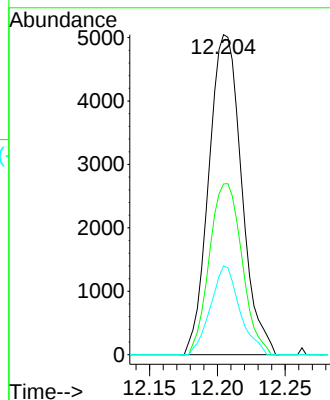
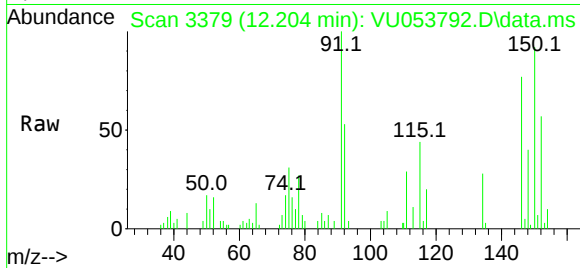




#84
n-Butylbenzene
Concen: 0.473 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. -0.001 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

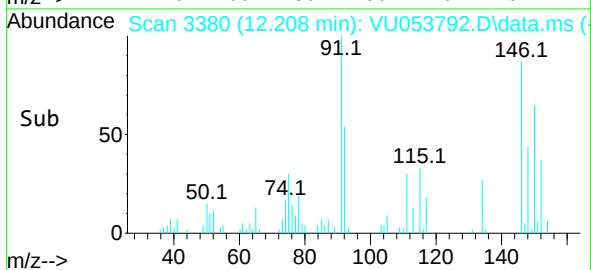
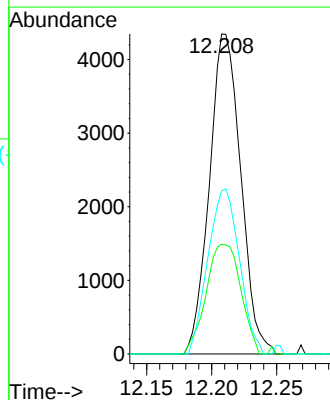
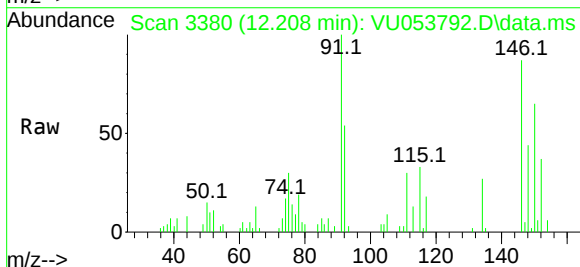
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

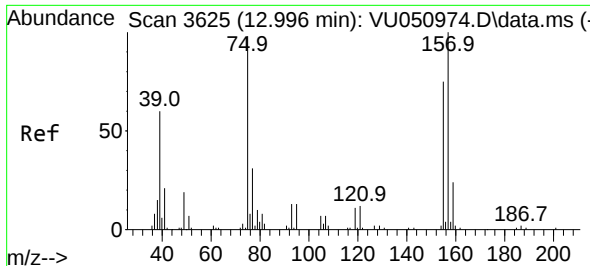
Tgt Ion: 91	Resp: 8478
Ion Ratio	Lower Upper
91 100	
92 53.0	40.8 61.2
134 24.7	18.4 27.6



#85
1,2-Dichlorobenzene
Concen: 0.343 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:146	Resp:	7307	
Ion	Ratio	Lower	Upper
146	100		
111	37.8	21.6	64.6
148	51.7	32.1	96.5

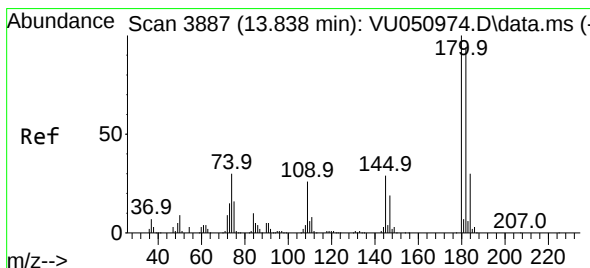
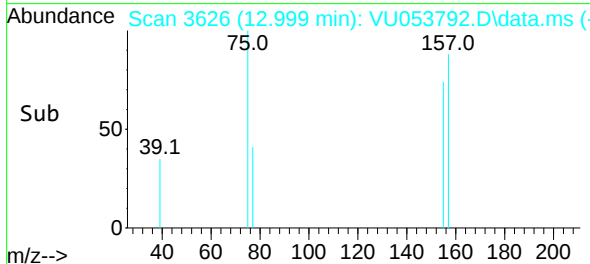
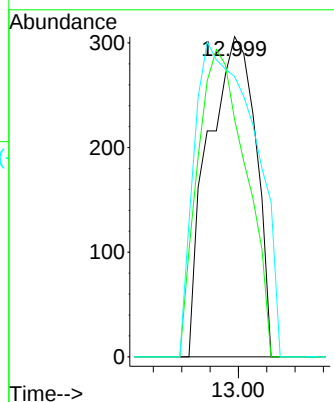
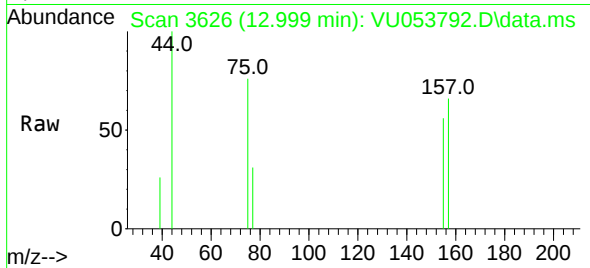




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.277 ug/l
 RT: 12.999 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VU053792.D
 Acq: 19 Apr 2023 20:45

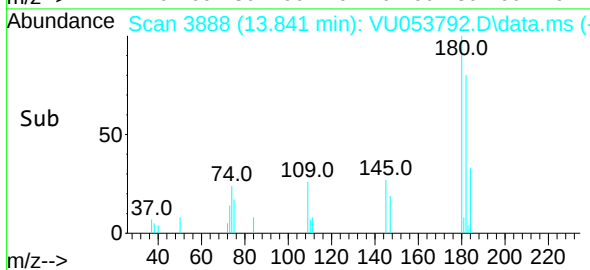
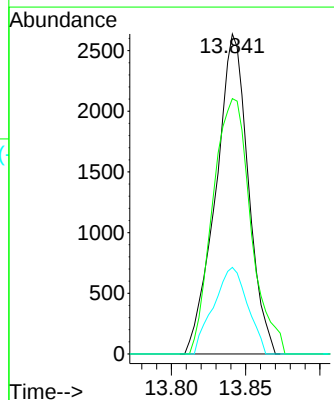
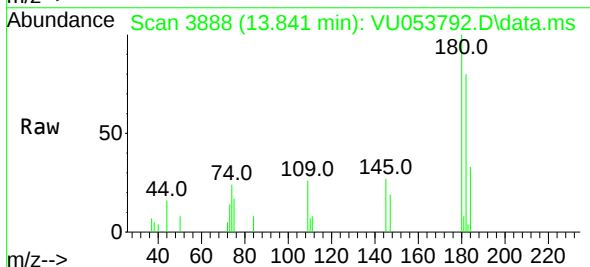
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

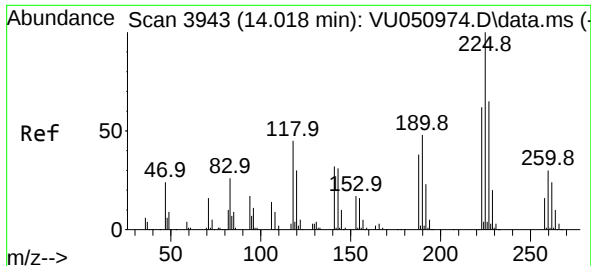
Tgt Ion: 75 Resp: 356
 Ion Ratio Lower Upper
 75 100
 155 97.5 61.8 92.8#
 157 124.7 80.2 120.4#



#87
 1,2,4-Trichlorobenzene
 Concen: 0.284 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.006 min
 Lab File: VU053792.D
 Acq: 19 Apr 2023 20:45

Tgt Ion: 180 Resp: 4003
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.8 113.6
 145 28.3 23.9 35.9

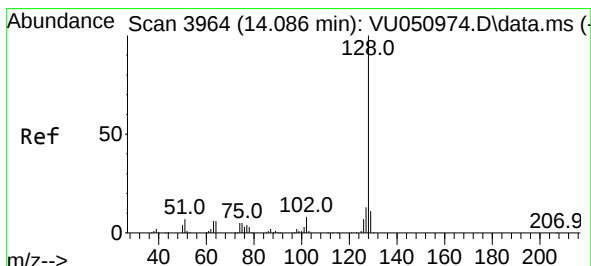
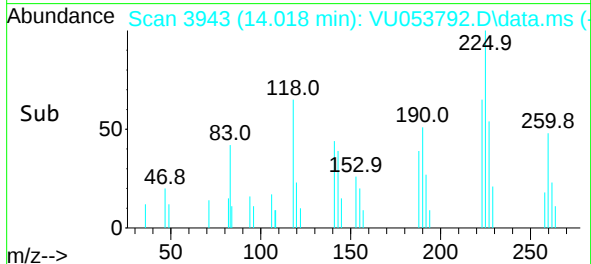
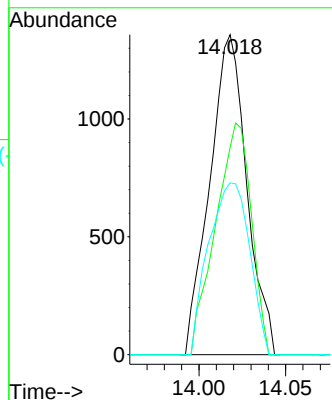
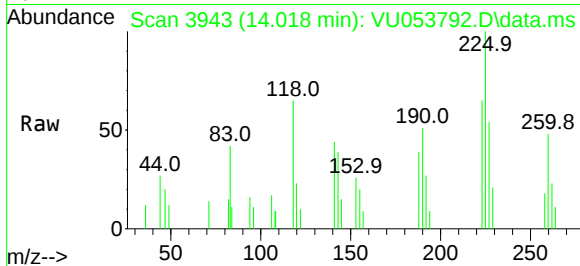




#88
Hexachlorobutadiene
Concen: 0.269 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

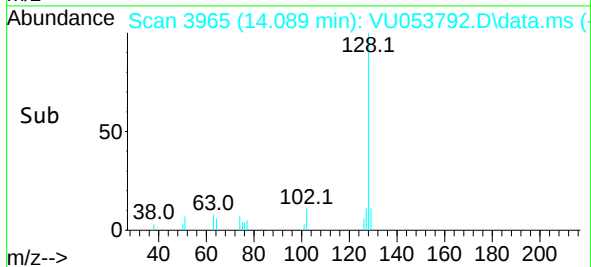
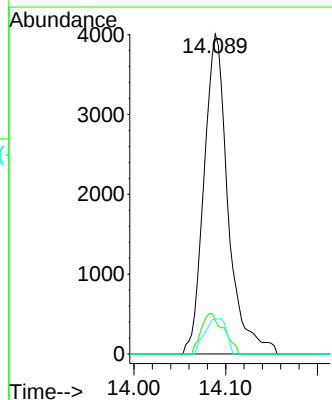
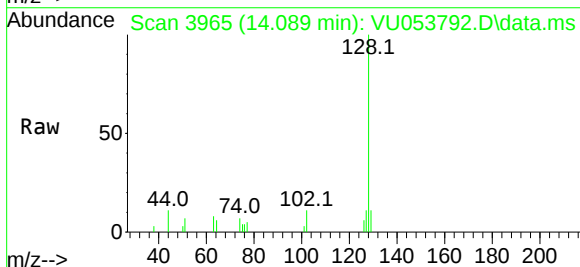
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

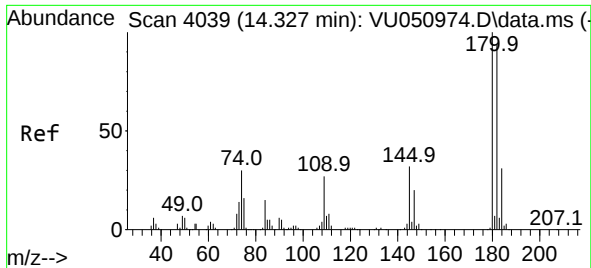
Tgt Ion:	225	Resp:	2021
Ion	Ratio	Lower	Upper
225	100		
223	69.9	50.2	75.4
227	59.4	51.5	77.3



#89
Naphthalene
Concen: 0.286 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.006 min
Lab File: VU053792.D
Acq: 19 Apr 2023 20:45

Tgt Ion:	128	Resp:	7312
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.9	16.3
129	9.9	8.6	12.8





#90

1,2,3-Trichlorobenzene

Concen: 0.270 ug/l

RT: 14.323 min Scan# 4038

Delta R.T. -0.000 min

Lab File: VU053792.D

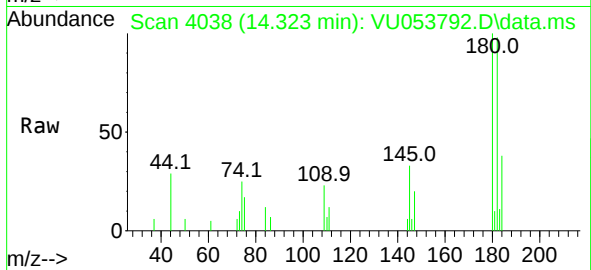
Acq: 19 Apr 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:180 Resp: 3614

Ion Ratio Lower Upper

180 100

182 88.5 75.7 113.5

145 34.3 26.1 39.1

