

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053793.D
 Acq On : 19 Apr 2023 21:16
 Operator : JC/MD
 Sample : 02213-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Apr 20 08:54:56 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	27960	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	10139	0.925	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	12595	0.966	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	6752	0.797	ug/l	97
3) Chloromethane	1.520	50	6394	0.838	ug/l	96
4) Vinyl Chloride	1.601	62	7630	0.865	ug/l	95
5) Bromomethane	1.848	94	5196	0.782	ug/l	93
6) Chloroethane	1.928	64	4204	0.744	ug/l	98
7) Trichlorofluoromethane	2.134	101	11724	0.791	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	7764	0.805	ug/l	# 87
9) 1,1-Dichloroethene	2.578	96	6400	0.810	ug/l	79
10) Iodomethane	2.719	142	6685	0.793	ug/l	93
11) Allyl Chloride	2.919	41	7247	0.772	ug/l	87
12) Acrylonitrile	3.311	53	3671	1.860	ug/l	99
13) Acetone	2.620	43	6848	2.482	ug/l	98
14) Carbon Disulfide	2.787	76	9797	0.755	ug/l	100
15) Methylene Chloride	3.044	84	10947	0.946	ug/l	89
16) trans-1,2-Dichloroethene	3.346	96	6622	0.775	ug/l	91
17) 1,1-Dichloroethane	3.861	63	15063	0.855	ug/l	99
18) 2-Butanone	4.716	43	10301	2.880	ug/l	100
19) Cyclohexane	5.375	56	9136	0.749	ug/l	85
20) Methylcyclohexane	6.751	83	7395	0.676	ug/l	97
21) 2,2-Dichloropropane	4.658	77	11875	0.742	ug/l	97
22) cis-1,2-Dichloroethene	4.658	96	8399	0.786	ug/l	95
23) Diethyl Ether	2.375	59	5316	0.913	ug/l	# 89
24) tert-Butyl Alcohol	3.182	59	7060	9.332	ug/l	# 1
25) Methyl tert-Butyl Ether	3.363	73	19149	0.869	ug/l	100
26) Bromochloromethane	4.967	128	3921	0.829	ug/l	86
27) Chloroform	5.079	83	16086	0.845	ug/l	93
28) 1,1,1-Trichloroethane	5.308	97	12301	0.780	ug/l	93
29) 1,1-Dichloropropene	5.514	75	7844	0.781	ug/l	98
30) Carbon Tetrachloride	5.514	117	8940	0.792	ug/l	88
31) Isopropyl Ether	3.996	45	22513	0.883	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	20971	0.814	ug/l	92
33) Tert-Amyl methyl ether	5.948	73	15552	0.826	ug/l	98
34) Propionitrile	4.780	54	3653	4.567	ug/l	# 21
35) Benzene	5.764	78	24492	0.792	ug/l	98
36) 1,2-Dichloroethane	5.790	62	8082	0.832	ug/l	99
37) Trichloroethene	6.536	130	6700	0.763	ug/l	98
38) 1,2-Dichloropropane	6.793	63	7051	0.801	ug/l	98
39) Methacrylonitrile	4.977	41	3041	0.953	ug/l	# 87
40) Methyl acrylate	4.848	55	5256	0.997	ug/l	# 84
41) Tetrahydrofuran	5.060	42	3041	1.912	ug/l	95
42) 1-Chlorobutane	5.449	56	10743	0.784	ug/l	95
43) Dibromomethane	6.915	93	3786	0.848	ug/l	97
44) Bromodichloromethane	7.102	83	8589	0.763	ug/l	# 95

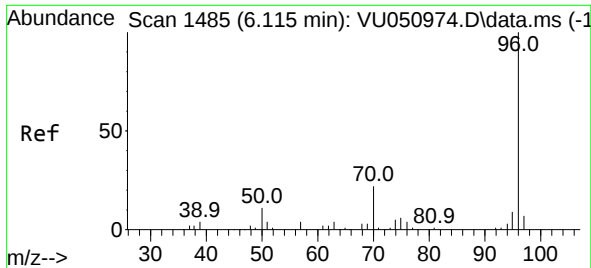
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	18860	4.155	ug/l #	94
46) t-1,4-Dichloro-2-butene	10.832	75	7786	4.131	ug/l #	43
47) Methyl methacrylate	6.970	69	6059	1.546	ug/l	96
48) Ethyl methacrylate	8.337	69	5499	0.716	ug/l	89
49) Toluene	7.967	92	13947	0.716	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	7533	0.745	ug/l	93
51) cis-1,3-Dichloropropene	7.607	75	8339	0.691	ug/l	97
52) 1,1,2-Trichloroethane	8.398	97	5925	0.837	ug/l	94
53) 1,3-Dichloropropane	8.575	76	9564	0.863	ug/l	99
54) 2-Hexanone	8.690	43	13200	3.101	ug/l	96
55) Dibromochloromethane	8.803	129	5180	0.696	ug/l	92
56) 1,2-Dibromoethane	8.919	107	5198	0.851	ug/l	98
58) Tetrachloroethene	8.546	164	6298	0.742	ug/l	91
59) Chlorobenzene	9.443	112	17977	0.742	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.529	131	6586	0.754	ug/l	95
61) Pentachloroethane	11.423	117	4806	0.713	ug/l	95
62) Hexachloroethane	12.471	117	4627	0.703	ug/l	97
63) Ethyl Benzene	9.568	91	26591	0.695	ug/l	100
64) m/p-Xylenes	9.690	106	19982	1.325	ug/l	99
65) o-Xylene	10.095	106	11291	0.743	ug/l	91
66) Styrene	10.111	104	15629	0.647	ug/l	98
67) Bromoform	10.285	173	2960	0.765	ug/l #	95
69) Isopropylbenzene	10.481	105	26938	0.678	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	7945	0.871	ug/l #	99
71) 1,2,3-Trichloropropane	10.832	75	7786	1.183	ug/l	77
72) Bromobenzene	10.780	156	7710	0.756	ug/l	86
73) n-propylbenzene	10.906	120	7787	0.706	ug/l	86
74) 2-Chlorotoluene	10.983	126	7547	0.724	ug/l	83
75) 1,3,5-Trimethylbenzene	11.086	105	22146	0.639	ug/l	99
76) 4-Chlorotoluene	11.095	126	7317	0.689	ug/l	85
77) tert-Butylbenzene	11.417	119	23559	0.675	ug/l	95
78) 1,2,4-Trimethylbenzene	11.465	105	23047	0.652	ug/l	100
79) sec-Butylbenzene	11.642	105	31338	0.668	ug/l	100
80) Nitrobenzene	13.214	77	1231	4.262	ug/l #	76
81) p-Isopropyltoluene	11.790	119	23433	0.610	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	15234	0.699	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	14761	0.675	ug/l	94
84) n-Butylbenzene	12.205	91	22829	0.864	ug/l	96
85) 1,2-Dichlorobenzene	12.211	146	15700	0.737	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.992	75	948	0.738	ug/l	89
87) 1,2,4-Trichlorobenzene	13.838	180	8330	0.591	ug/l	94
88) Hexachlorobutadiene	14.015	225	5036	0.670	ug/l	97
89) Naphthalene	14.086	128	16743	0.655	ug/l	97
90) 1,2,3-Trichlorobenzene	14.327	180	8288	0.619	ug/l	99

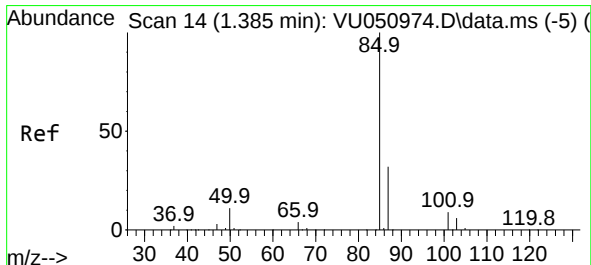
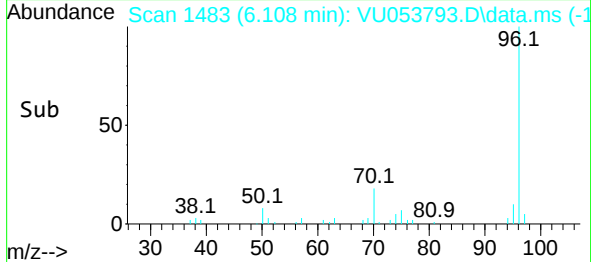
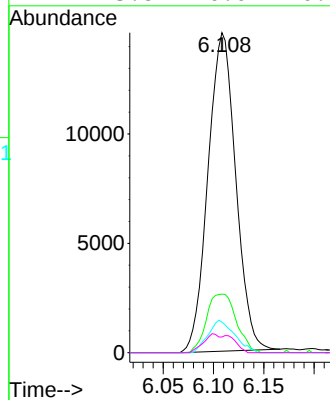
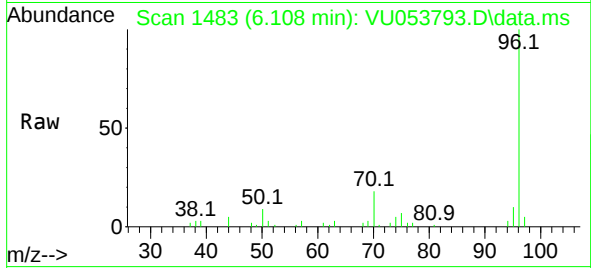
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053793.D
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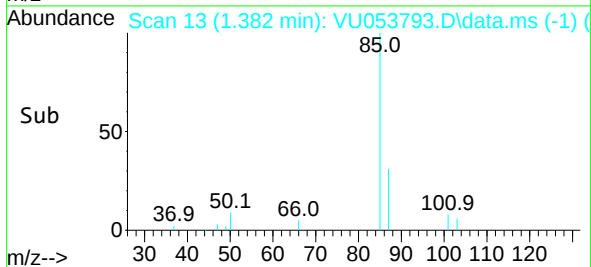
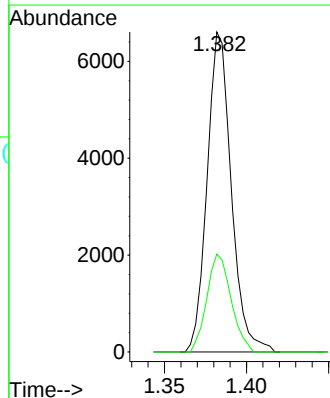
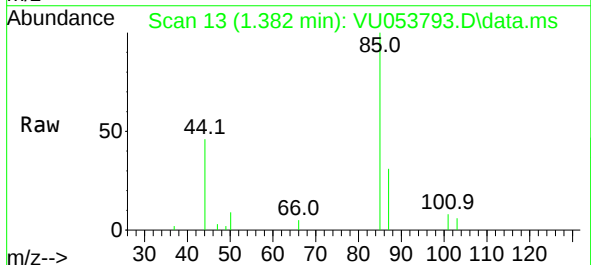
Instrument :
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LOD-MDL-WATER-01-QT2-2023

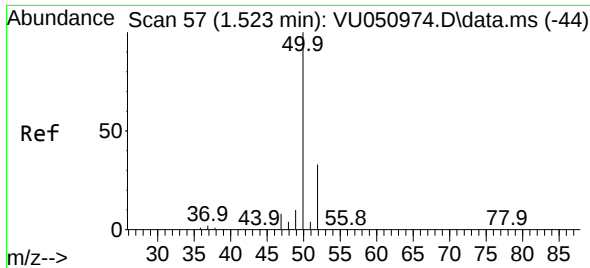
Tgt Ion:	96	Resp:	27960
Ion	Ratio	Lower	Upper
96	100		
70	19.7	16.5	24.7
95	9.7	7.4	11.0
97	3.8	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.797 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion:	85	Resp:	6752
Ion	Ratio	Lower	Upper
85	100		
87	30.6	16.2	48.6

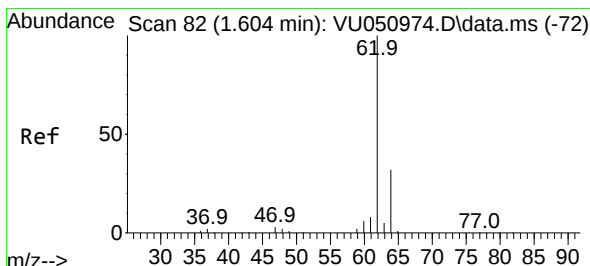
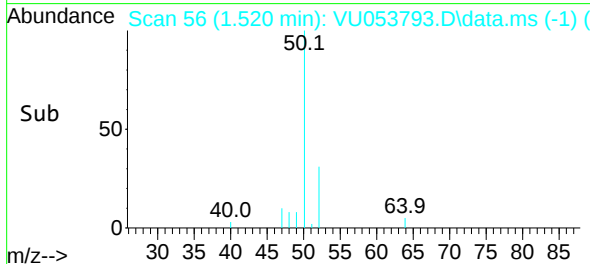
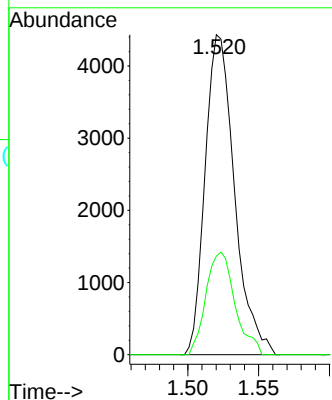
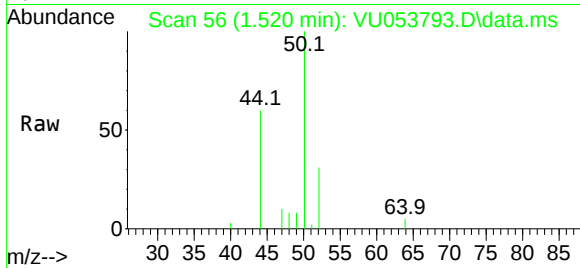




#3
Chloromethane
Concen: 0.838 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

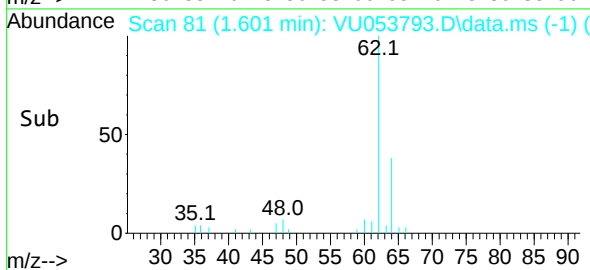
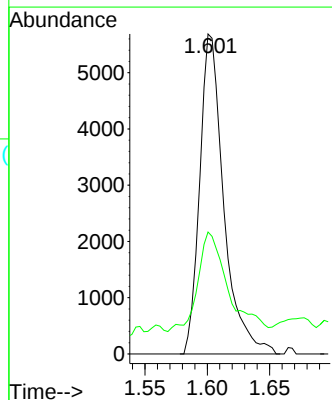
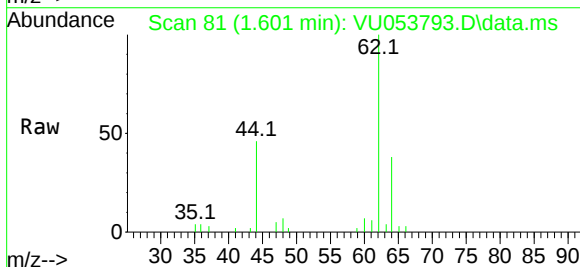
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

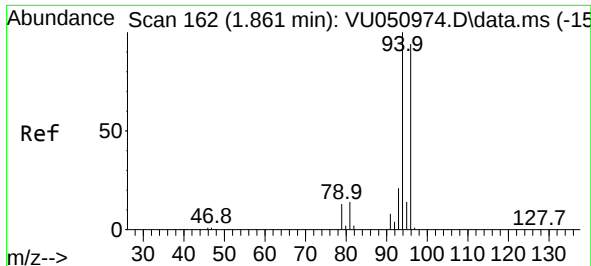
Tgt Ion: 50 Resp: 6394
Ion Ratio Lower Upper
50 100
52 30.8 26.6 40.0



#4
Vinyl Chloride
Concen: 0.865 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 62 Resp: 7630
Ion Ratio Lower Upper
62 100
64 29.0 25.4 38.2

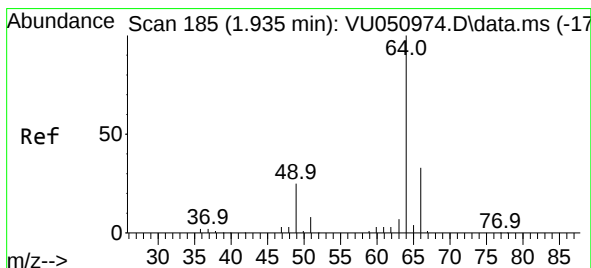
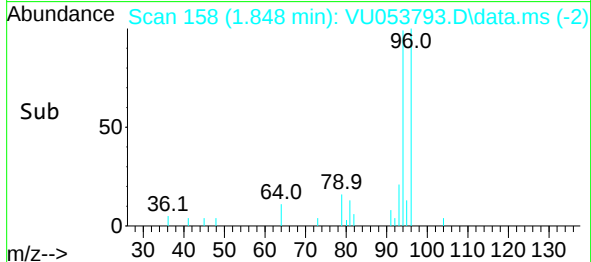
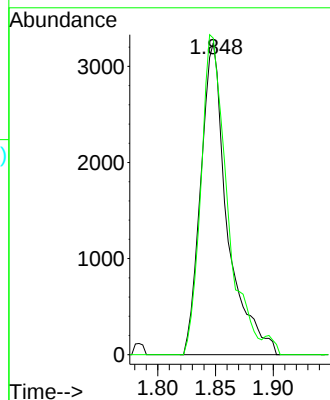
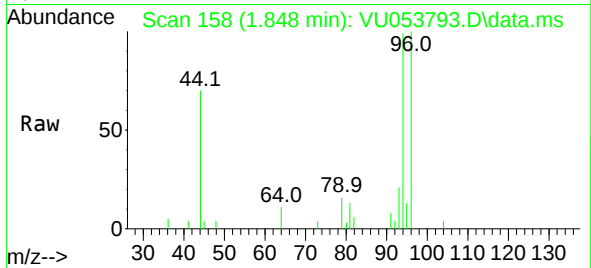




#5
Bromomethane
Concen: 0.782 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

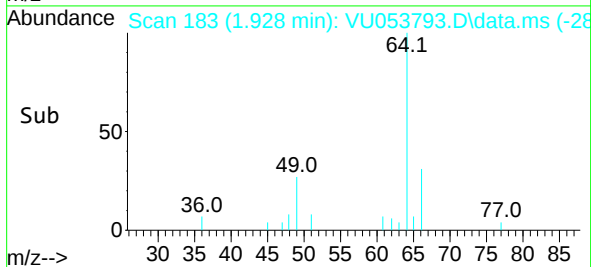
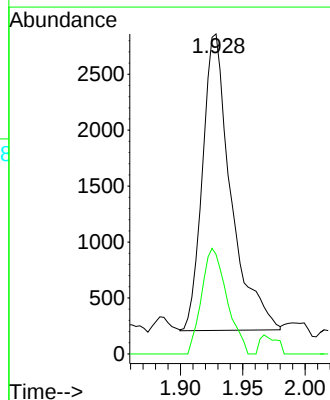
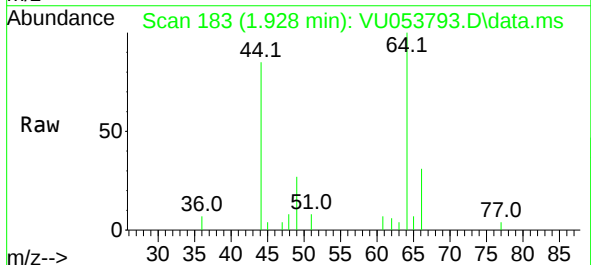
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ClientSampleId :
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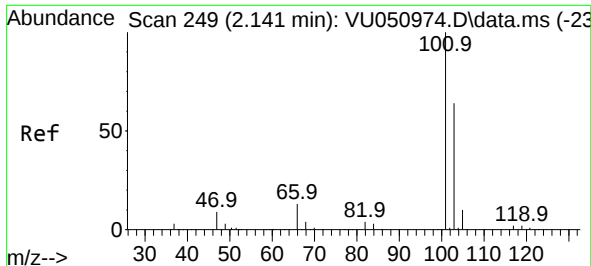
Tgt Ion: 94 Resp: 5196
Ion Ratio Lower Upper
94 100
96 101.5 75.4 113.2



#6
Chloroethane
Concen: 0.744 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 64 Resp: 4204
Ion Ratio Lower Upper
64 100
66 33.7 26.0 39.0

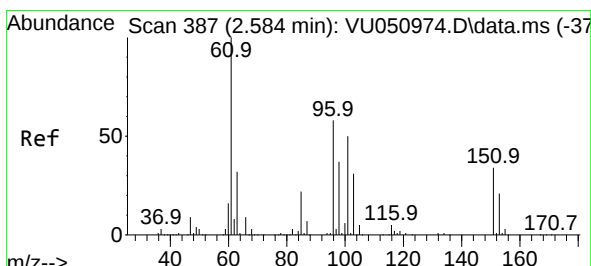
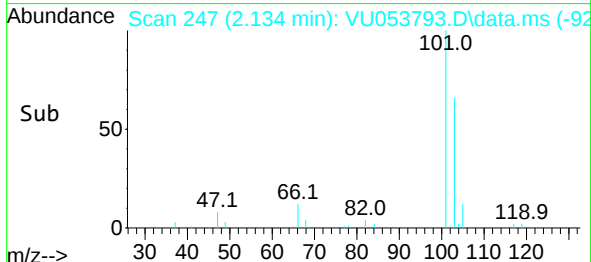
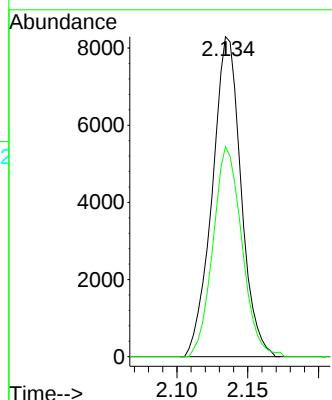
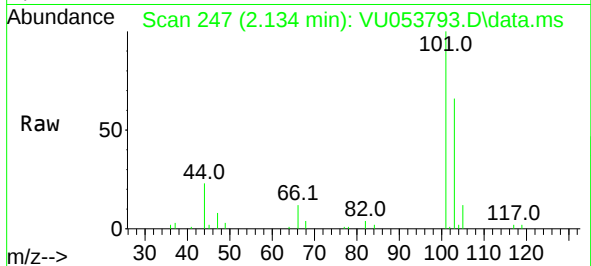




#7
Trichlorofluoromethane
Concen: 0.791 ug/l
RT: 2.134 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

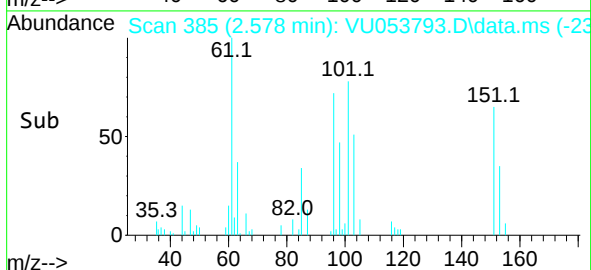
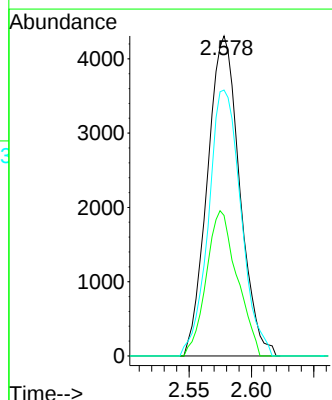
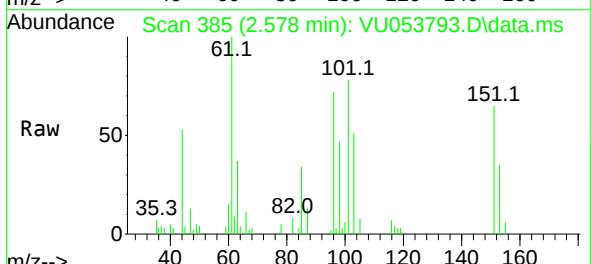
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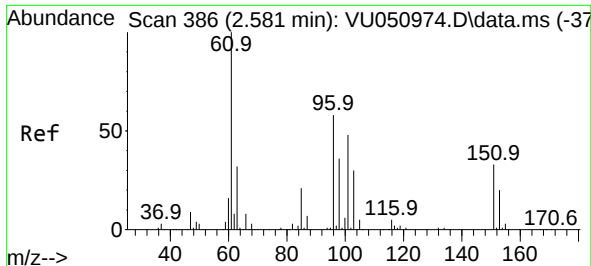
Tgt Ion:101 Resp: 11724
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.805 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion:101 Resp: 7764
Ion Ratio Lower Upper
101 100
85 43.3 35.4 53.0
151 83.6 54.0 81.0#

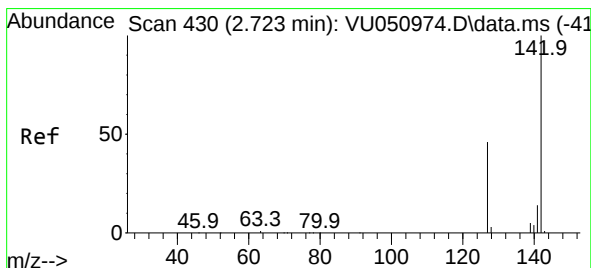
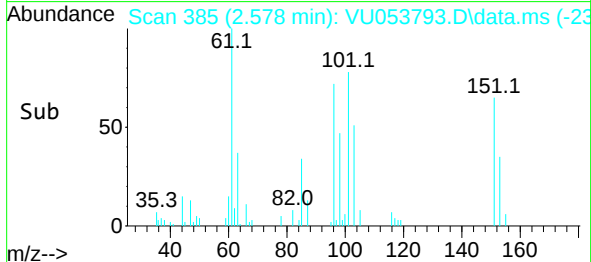
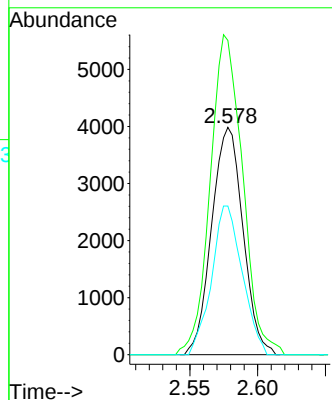
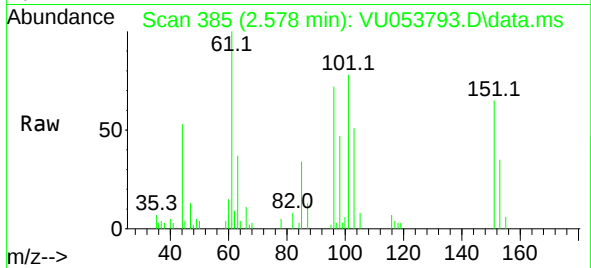




#9
1,1-Dichloroethene
Concen: 0.810 ug/l
RT: 2.578 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

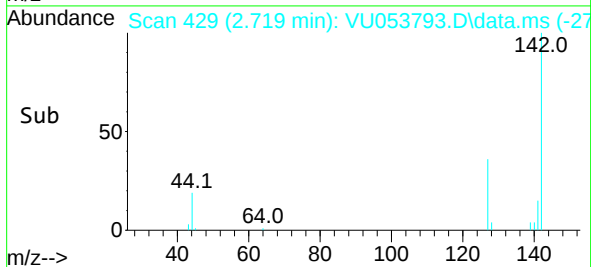
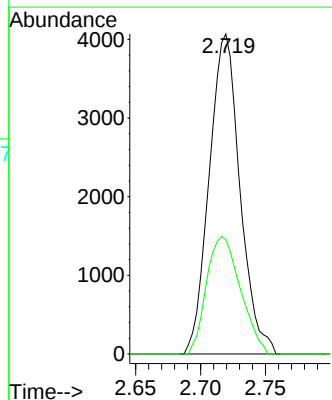
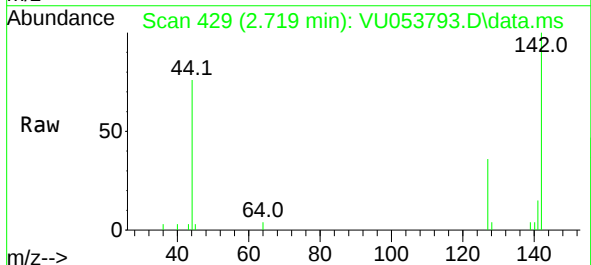
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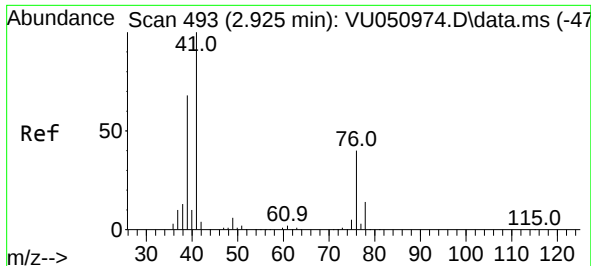
Tgt Ion: 96 Resp: 6400
Ion Ratio Lower Upper
96 100
61 135.7 0.0 521.4
98 65.4 0.0 125.8



#10
Iodomethane
Concen: 0.793 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 142 Resp: 6685
Ion Ratio Lower Upper
142 100
127 40.5 35.9 53.9





#11

Allyl Chloride

Concen: 0.772 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

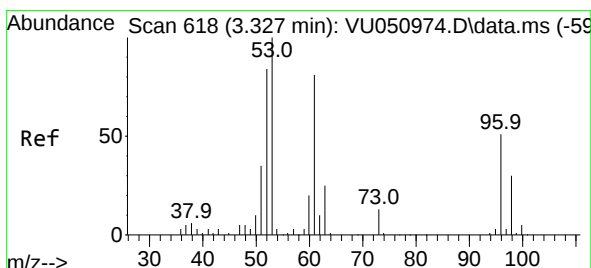
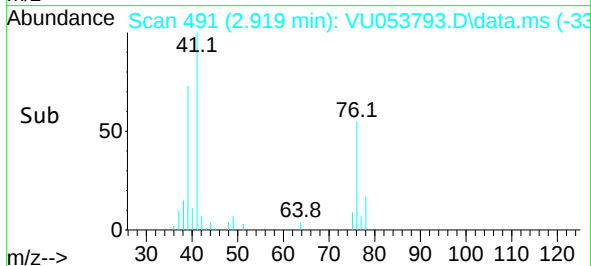
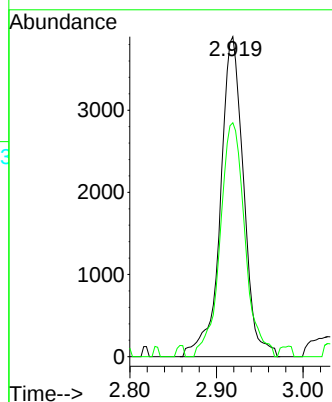
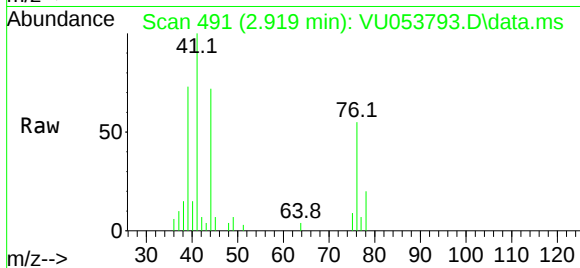
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 41 Resp: 7247

Ion Ratio Lower Upper

41 100

39 78.1 54.2 81.2



#12

Acrylonitrile

Concen: 1.860 ug/l

RT: 3.311 min Scan# 613

Delta R.T. 0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

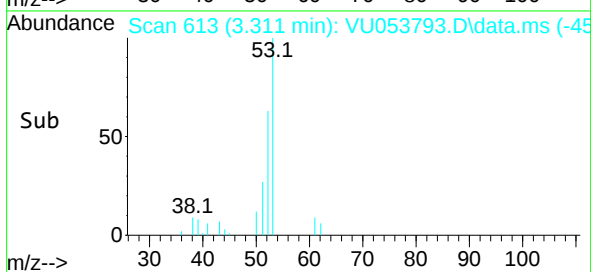
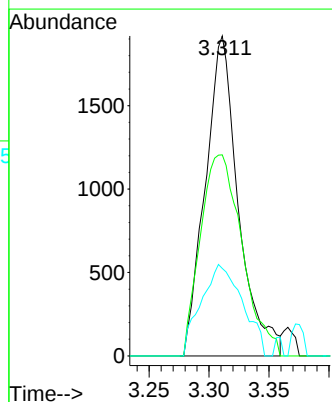
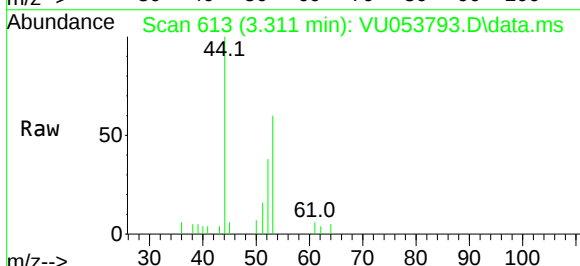
Tgt Ion: 53 Resp: 3671

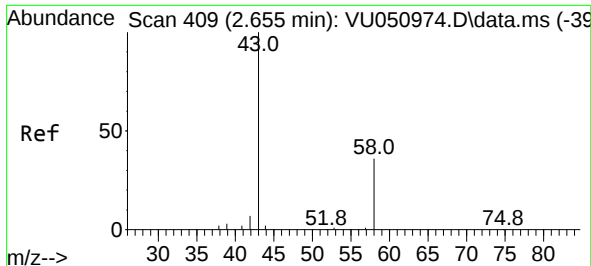
Ion Ratio Lower Upper

53 100

52 79.3 62.9 94.3

51 35.8 27.8 41.6

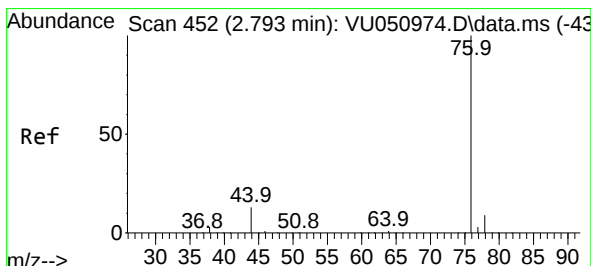
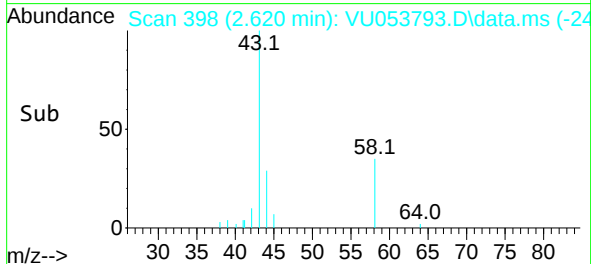
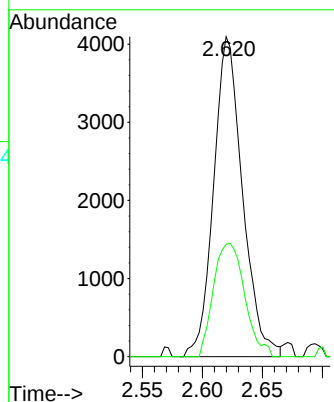
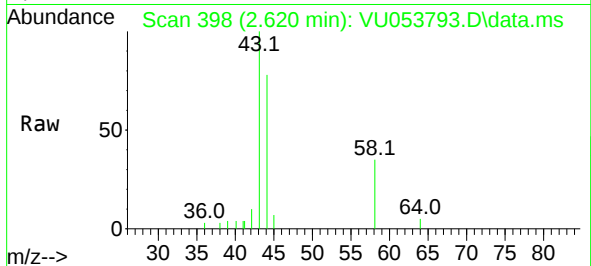




#13
Acetone
Concen: 2.482 ug/l
RT: 2.620 min Scan# 34
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

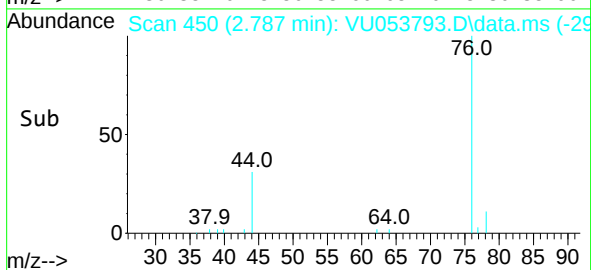
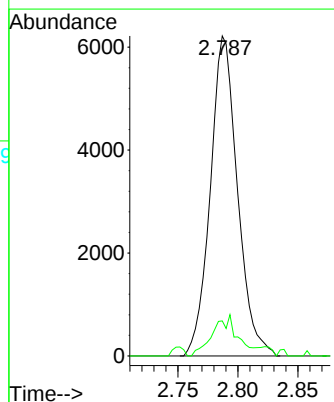
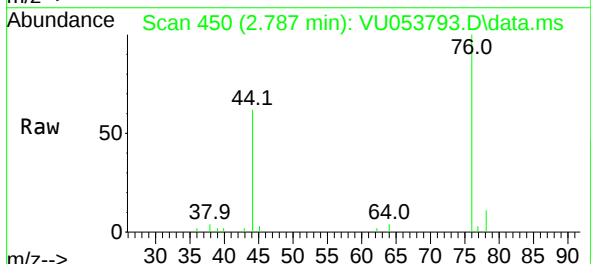
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

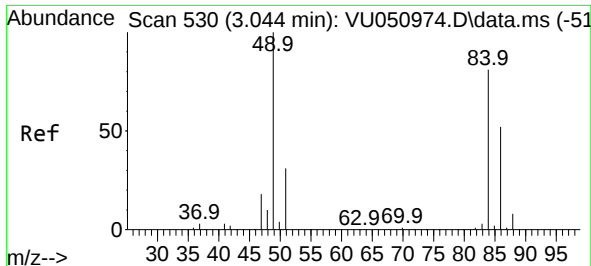
Tgt Ion: 43 Resp: 6848
Ion Ratio Lower Upper
43 100
58 35.1 29.0 43.4



#14
Carbon Disulfide
Concen: 0.755 ug/l
RT: 2.787 min Scan# 450
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

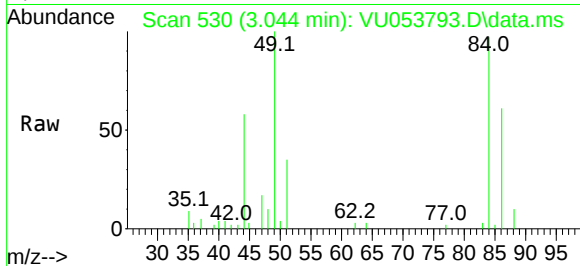
Tgt Ion: 76 Resp: 9797
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



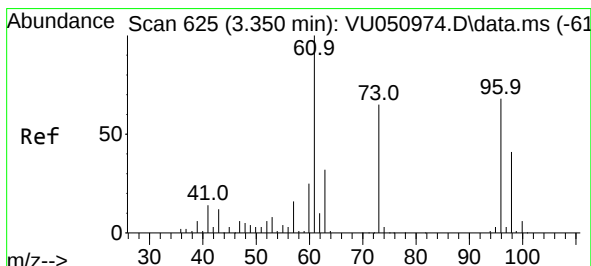
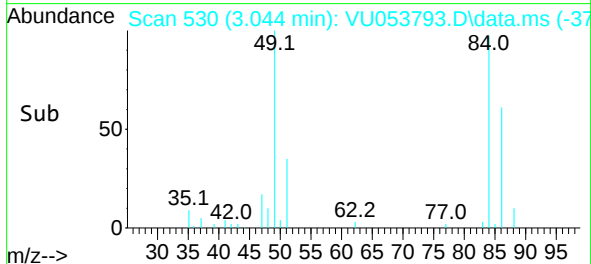
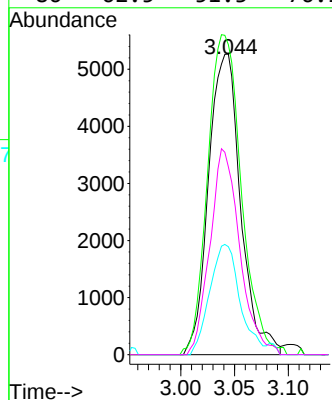


#15
Methylene Chloride
Concen: 0.946 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

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

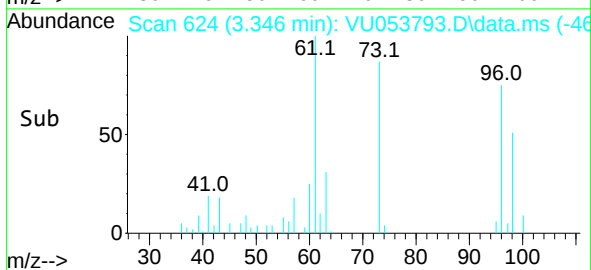
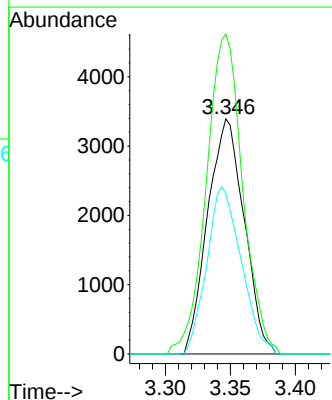
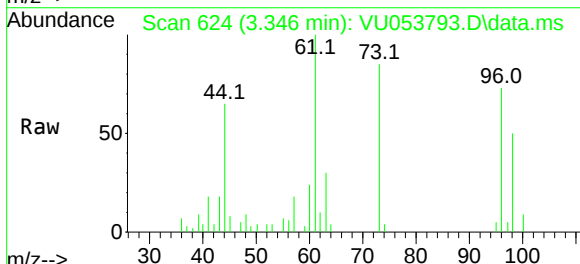


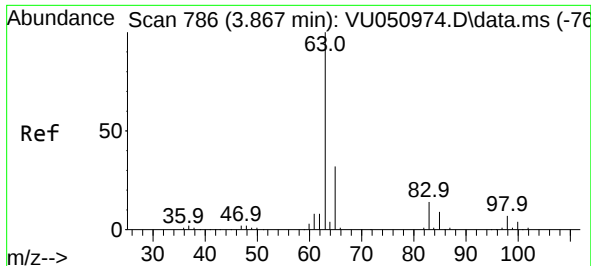
Tgt Ion: 84	Resp: 10947
Ion Ratio	Lower Upper
84 100	
49 103.1	98.9 148.3
51 35.9	0.0 75.4
86 62.5	51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 0.775 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 96	Resp: 6622		
Ion Ratio	Lower	Upper	
96 100			
61 136.2	117.5	176.3	
98 68.1	48.3	72.5	

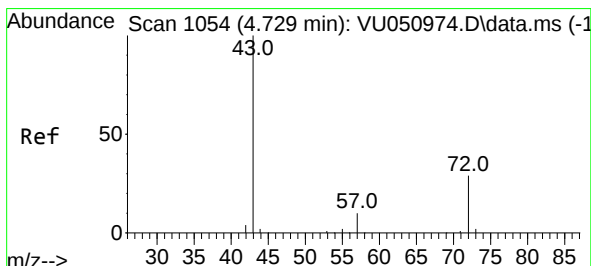
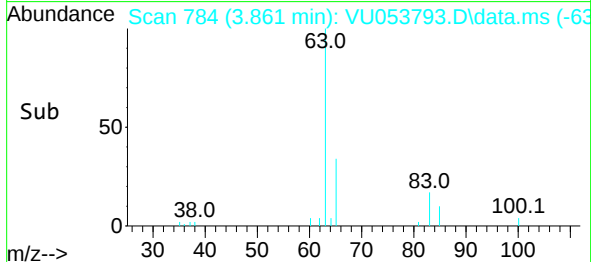
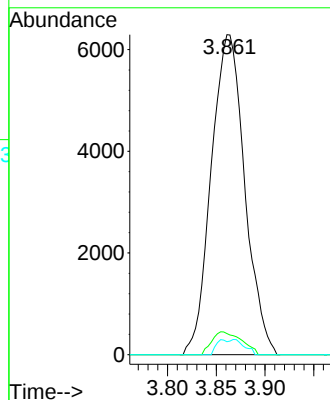
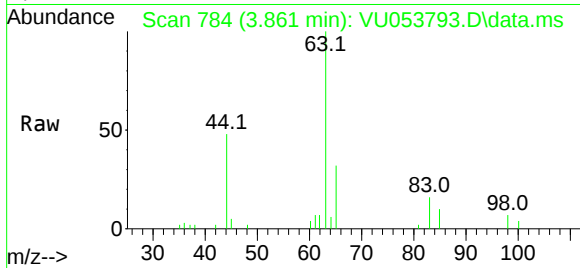




#17
1,1-Dichloroethane
Concen: 0.855 ug/l
RT: 3.861 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

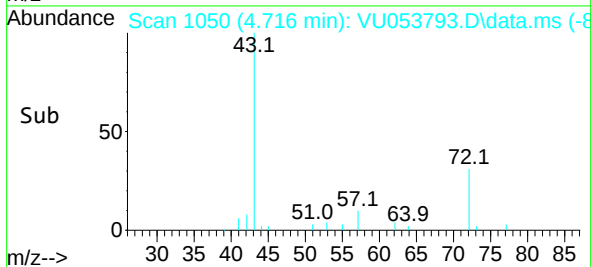
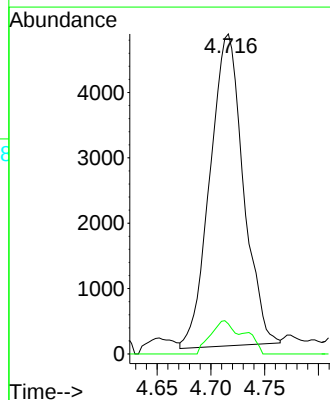
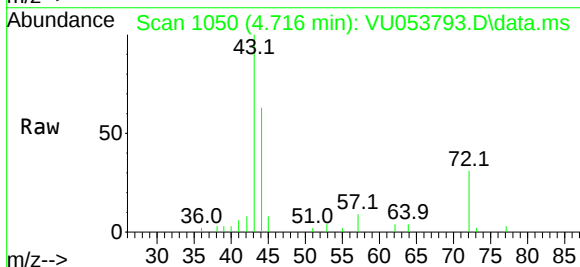
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

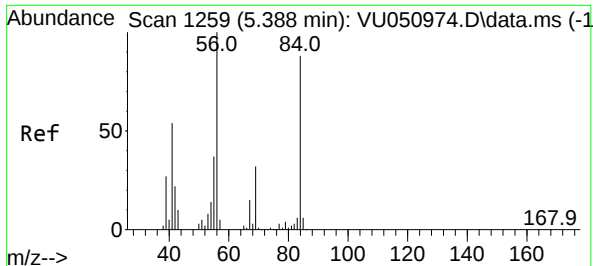
Tgt Ion: 63 Resp: 15063
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.1
100 4.0 2.2 6.6



#18
2-Butanone
Concen: 2.880 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 43 Resp: 10301
Ion Ratio Lower Upper
43 100
57 9.7 0.0 19.6





#19

Cyclohexane

Concen: 0.749 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053793.D

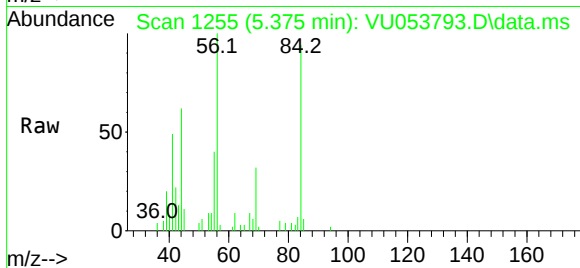
Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



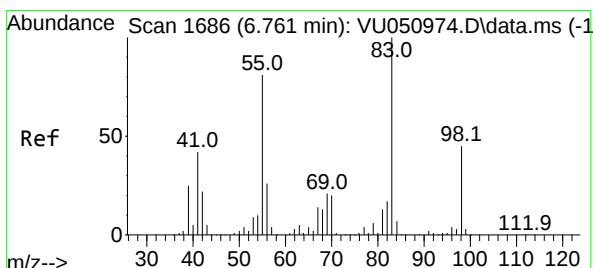
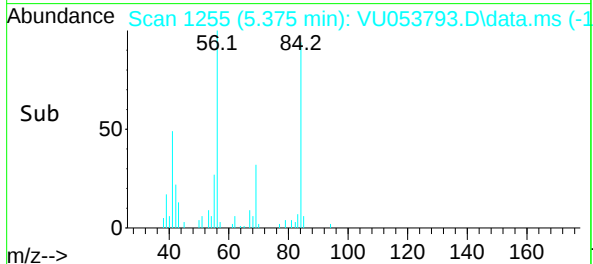
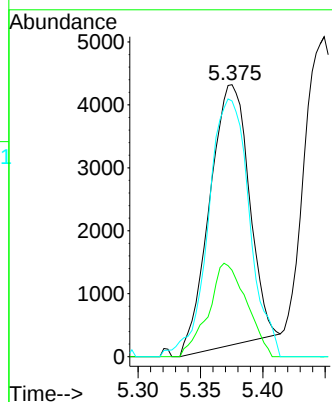
Tgt Ion: 56 Resp: 9136

Ion Ratio Lower Upper

56 100

69 34.5 24.6 37.0

84 102.5 68.4 102.6



#20

Methylcyclohexane

Concen: 0.676 ug/l

RT: 6.751 min Scan# 1683

Delta R.T. -0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

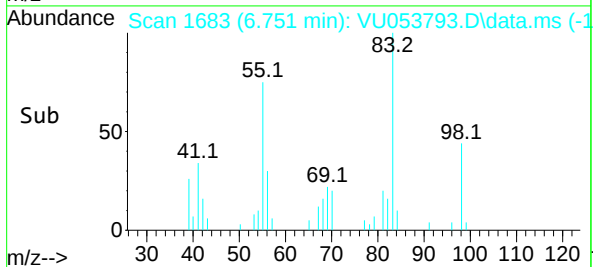
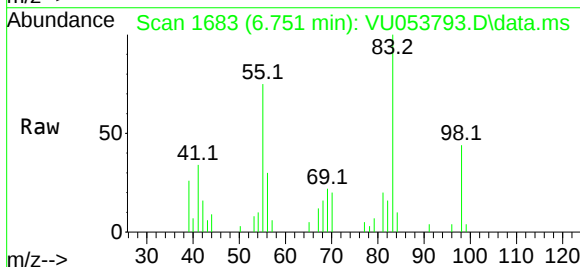
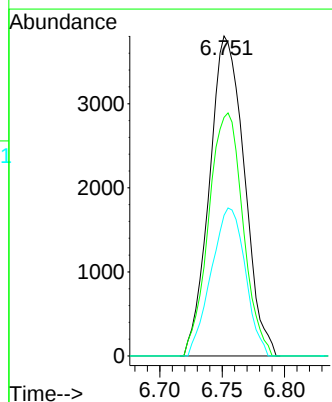
Tgt Ion: 83 Resp: 7395

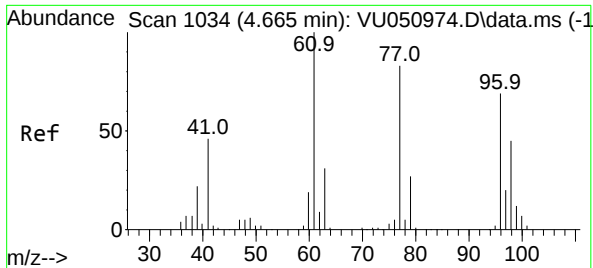
Ion Ratio Lower Upper

83 100

55 75.0 63.5 95.3

98 45.2 36.0 54.0





#21

2,2-Dichloropropane

Concen: 0.742 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

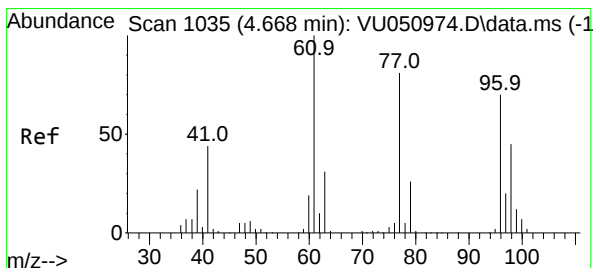
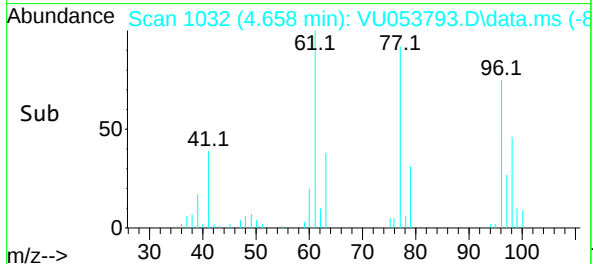
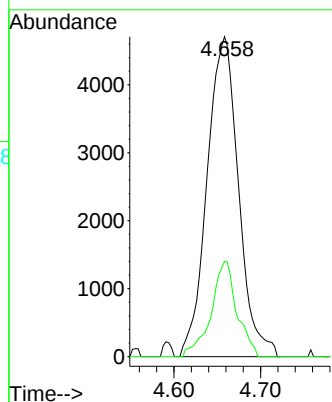
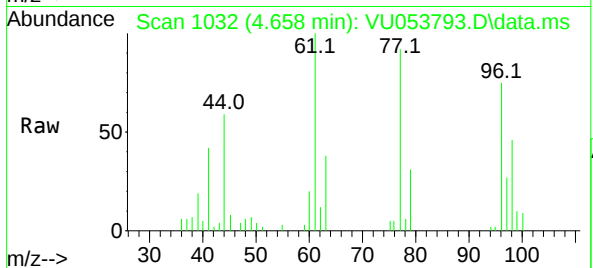
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 77 Resp: 11875

Ion Ratio Lower Upper

77 100

97 24.4 18.4 27.6



#22

cis-1,2-Dichloroethene

Concen: 0.786 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

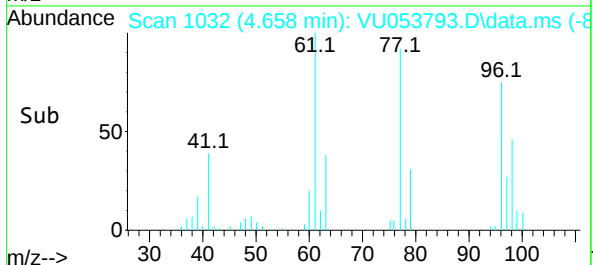
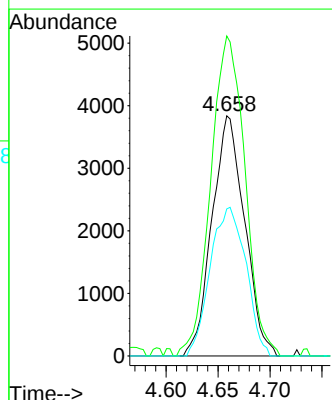
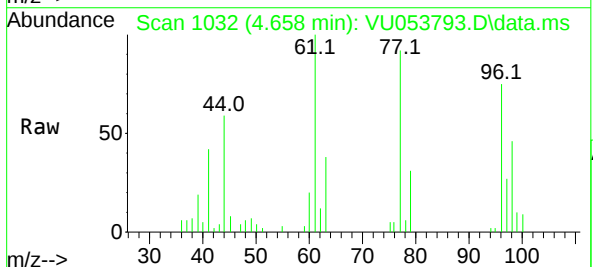
Tgt Ion: 96 Resp: 8399

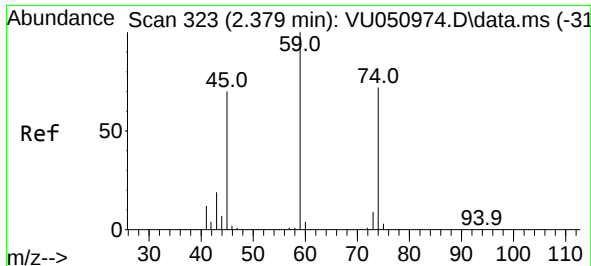
Ion Ratio Lower Upper

96 100

61 139.4 0.0 365.8

98 67.7 32.0 96.0

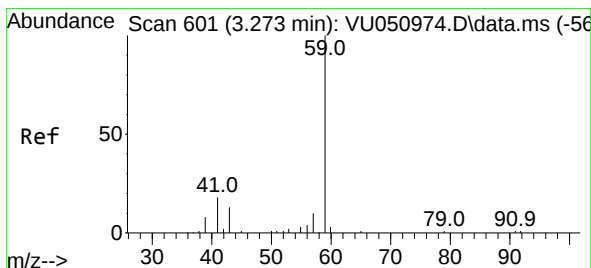
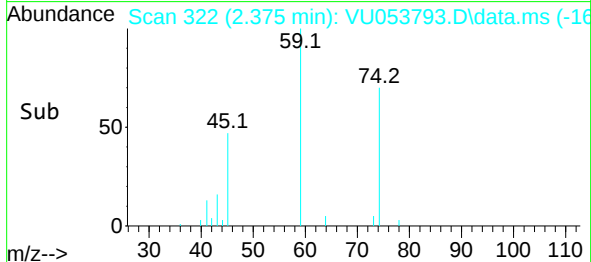
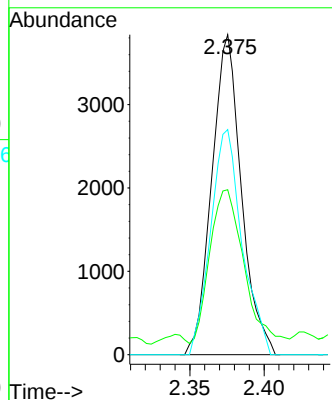
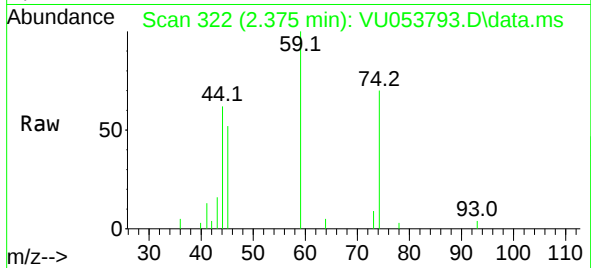




#23
Diethyl Ether
Concen: 0.913 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

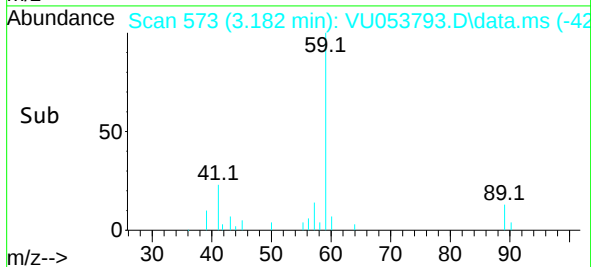
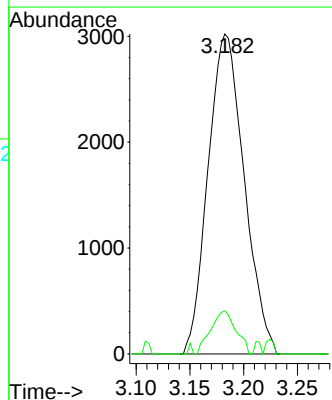
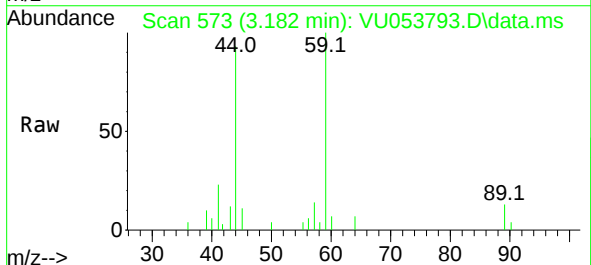
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

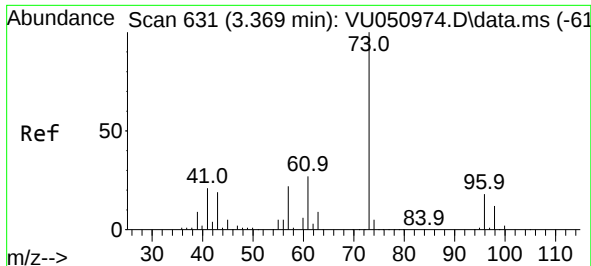
Tgt Ion: 59 Resp: 5316
Ion Ratio Lower Upper
59 100
45 55.0 56.1 84.1#
74 74.8 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 9.332 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.006 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 59 Resp: 7060
Ion Ratio Lower Upper
59 100
57 9.4 105.6 158.4#

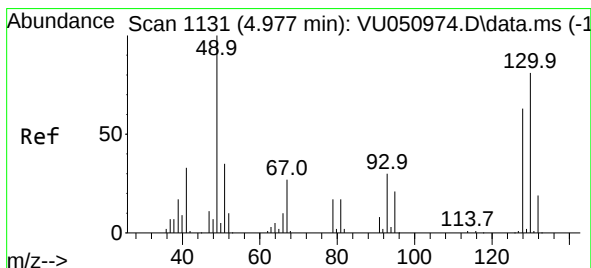
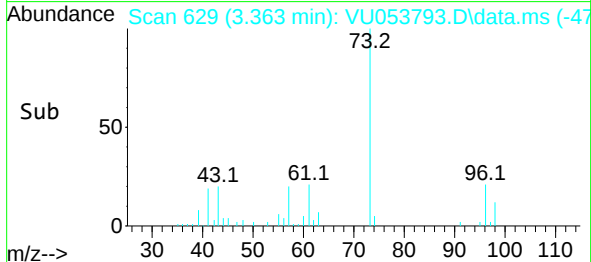
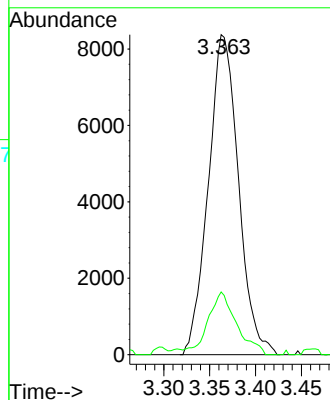
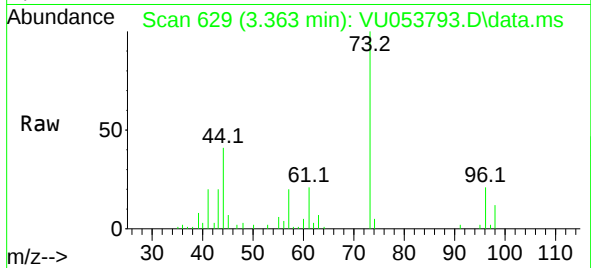




#25
Methyl tert-Butyl Ether
Concen: 0.869 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

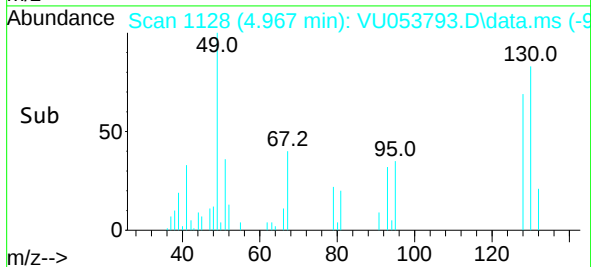
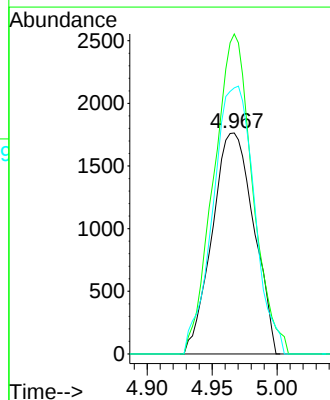
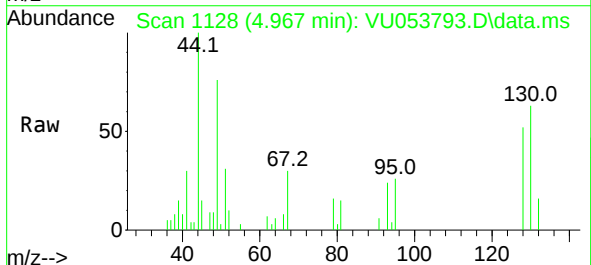
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

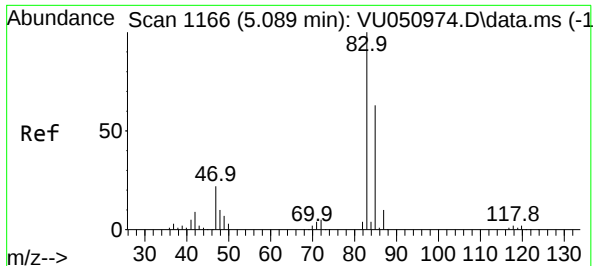
Tgt Ion: 73 Resp: 19149
Ion Ratio Lower Upper
73 100
43 18.6 15.0 22.6



#26
Bromochloromethane
Concen: 0.829 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 128 Resp: 3921
Ion Ratio Lower Upper
128 100
49 135.4 0.0 324.6
130 120.7 103.0 154.4





#27

Chloroform

Concen: 0.845 ug/l

RT: 5.079 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

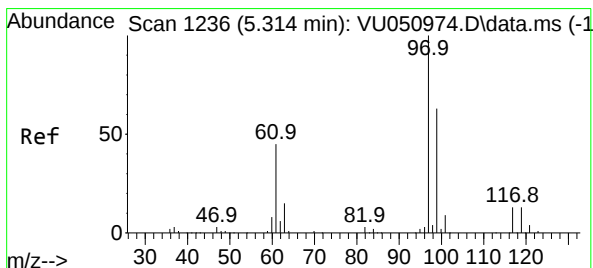
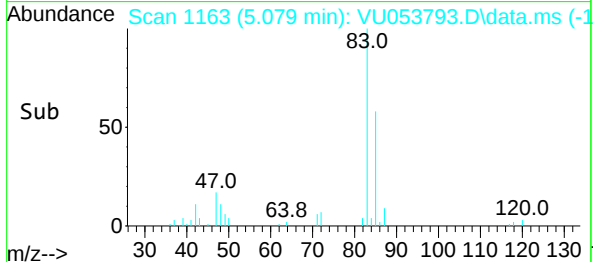
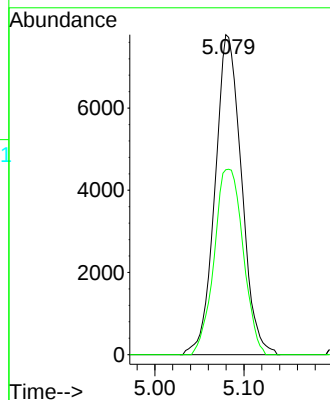
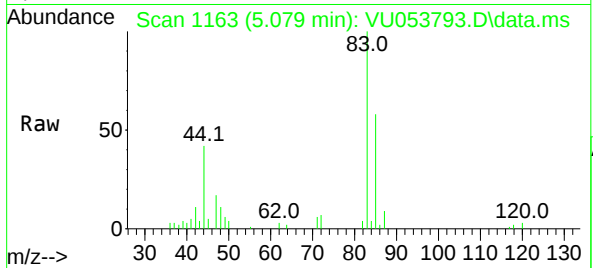
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 83 Resp: 16086

Ion Ratio Lower Upper

83 100

85 57.8 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 0.780 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

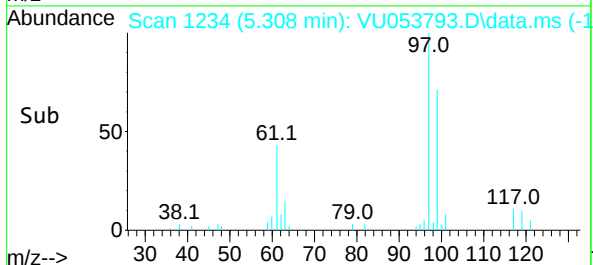
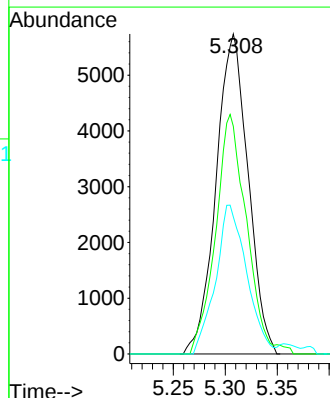
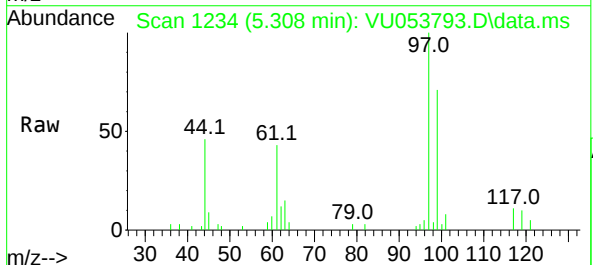
Tgt Ion: 97 Resp: 12301

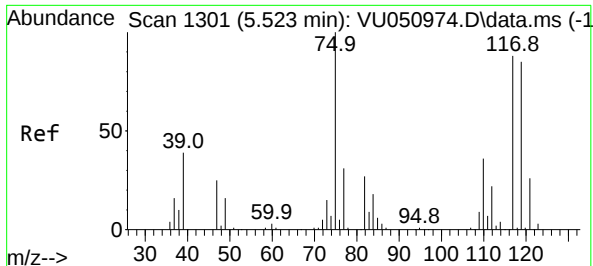
Ion Ratio Lower Upper

97 100

99 72.5 32.0 96.2

61 45.1 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.781 ug/l

RT: 5.514 min Scan# 1298

Delta R.T. -0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

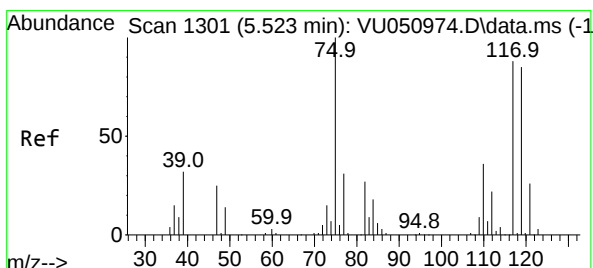
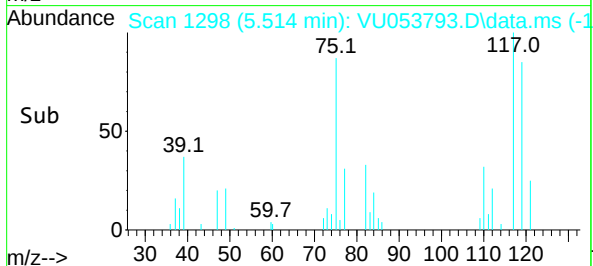
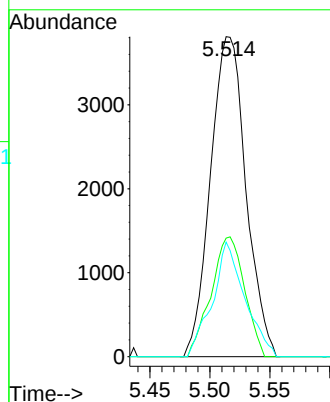
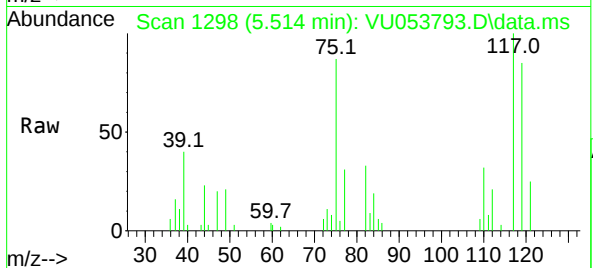
Tgt Ion: 75 Resp: 7844

Ion Ratio Lower Upper

75 100

110 35.3 18.0 54.0

77 32.7 24.7 37.1



#30

Carbon Tetrachloride

Concen: 0.792 ug/l

RT: 5.514 min Scan# 1298

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

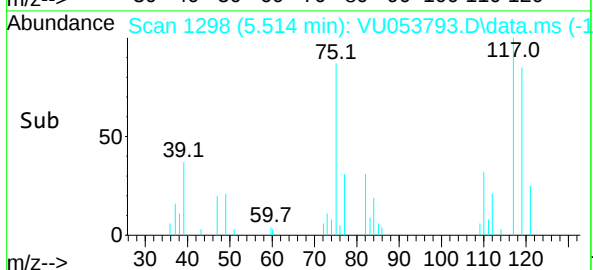
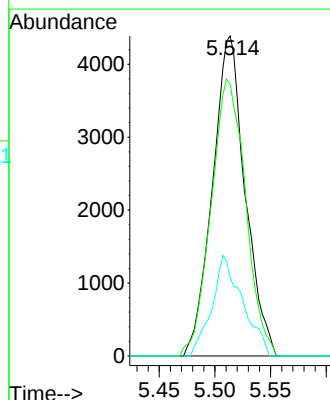
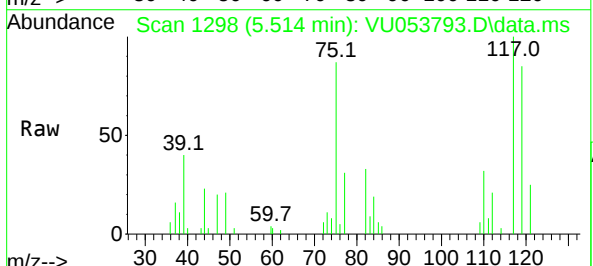
Tgt Ion: 117 Resp: 8940

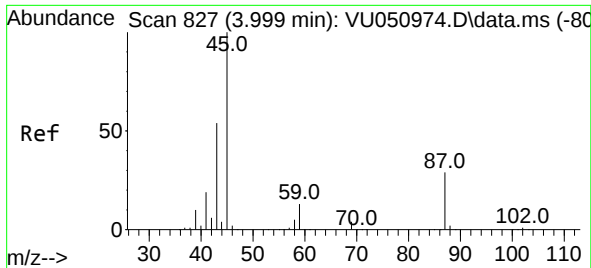
Ion Ratio Lower Upper

117 100

119 85.0 77.4 116.0

121 24.5 24.0 36.0

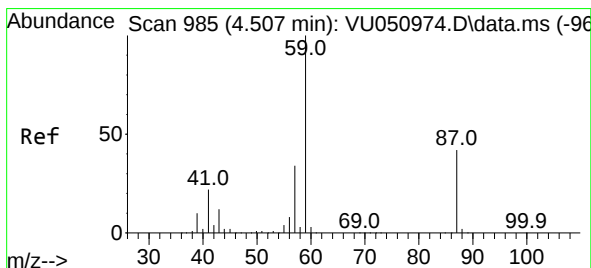
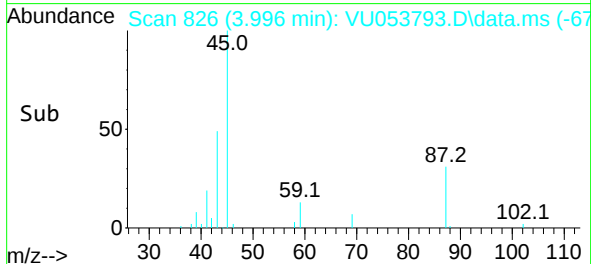
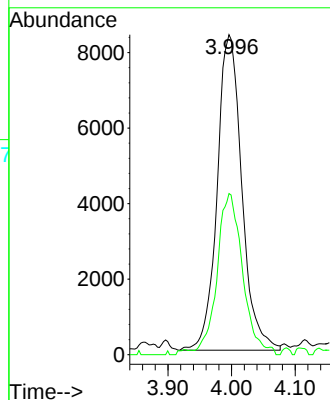
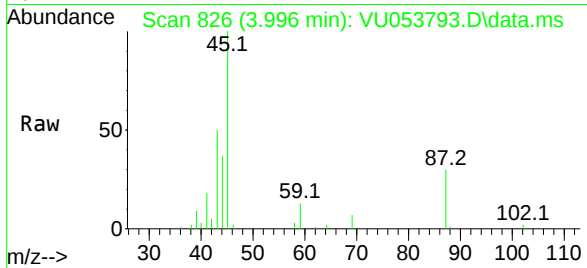




#31
Isopropyl Ether
Concen: 0.883 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

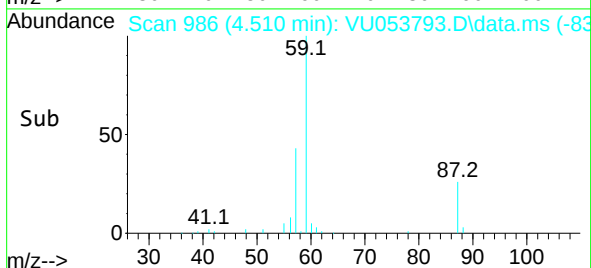
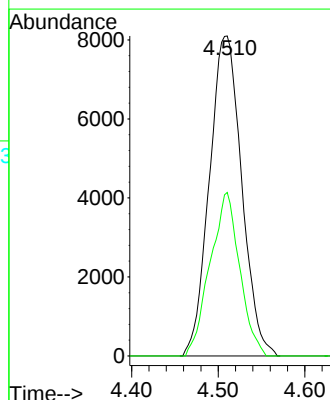
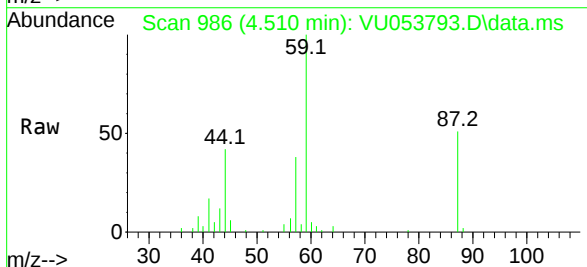
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

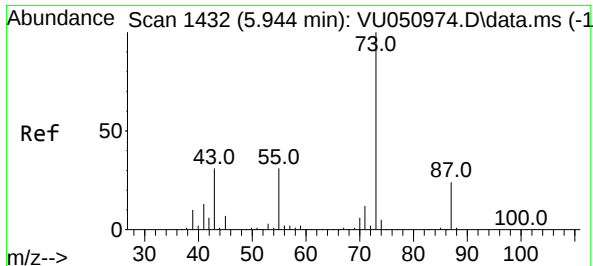
Tgt Ion: 45 Resp: 22513
Ion Ratio Lower Upper
45 100
43 52.7 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 0.814 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 59 Resp: 20971
Ion Ratio Lower Upper
59 100
87 46.9 33.5 50.3





#33

Tert-Amyl methyl ether

Concen: 0.826 ug/l

RT: 5.948 min Scan# 1432

Delta R.T. 0.004 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

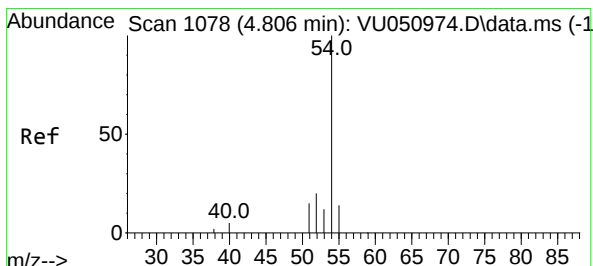
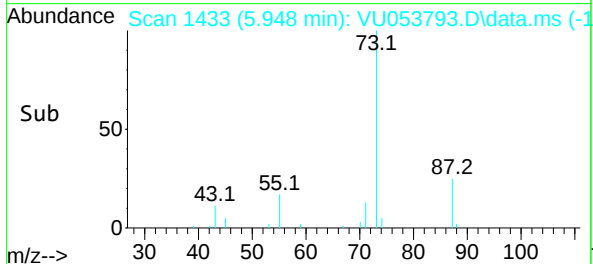
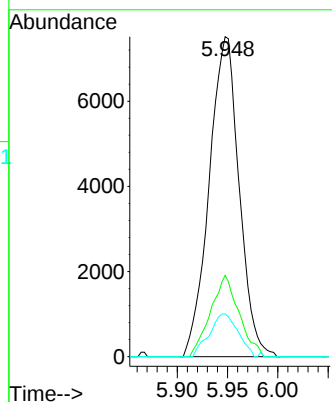
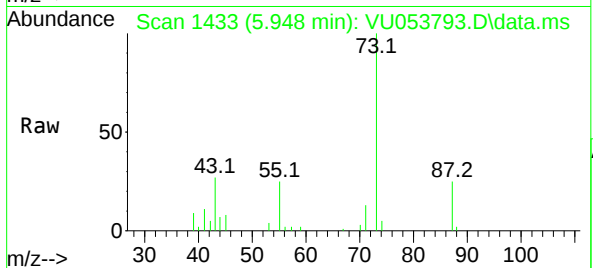
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 73	Resp: 15552
Ion Ratio	Lower Upper
73 100	
87 24.2	18.6 28.0
71 12.8	9.9 14.9



#34

Propionitrile

Concen: 4.567 ug/l

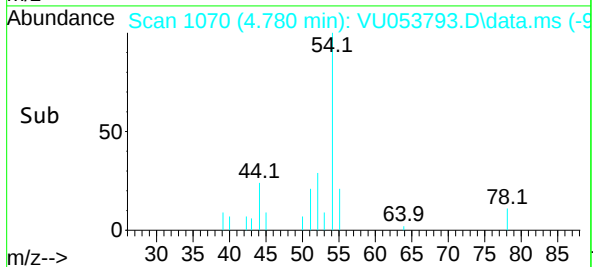
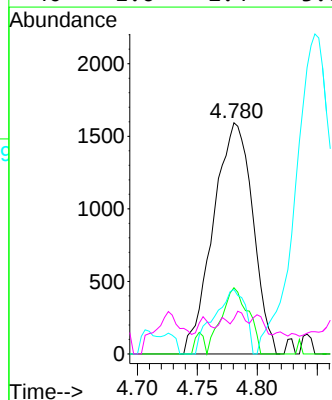
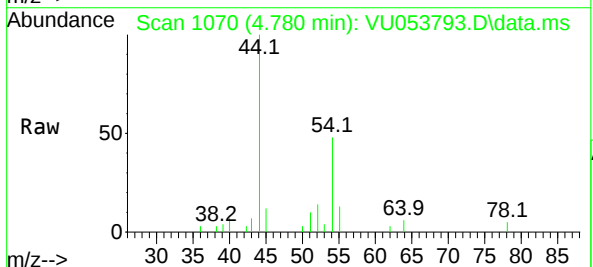
RT: 4.780 min Scan# 1070

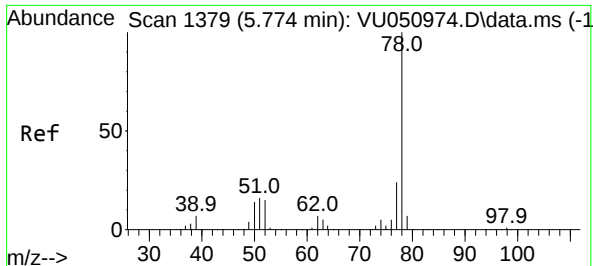
Delta R.T. 0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Tgt Ion: 54	Resp: 3653
Ion Ratio	Lower Upper
54 100	
52 19.5	17.4 26.0
55 22.2	104.1 156.1#
40 1.6	2.4 3.6#

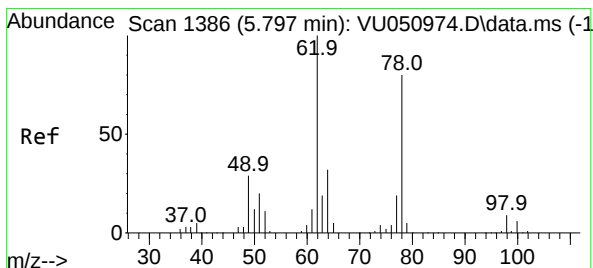
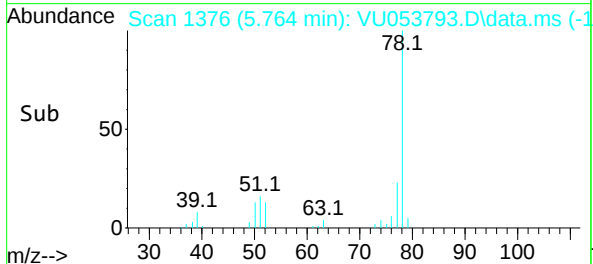
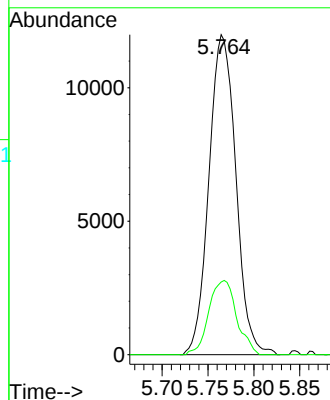
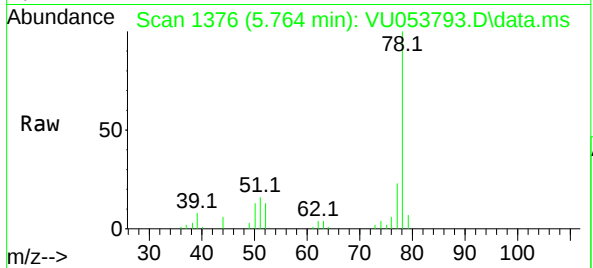




#35
Benzene
Concen: 0.792 ug/l
RT: 5.764 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

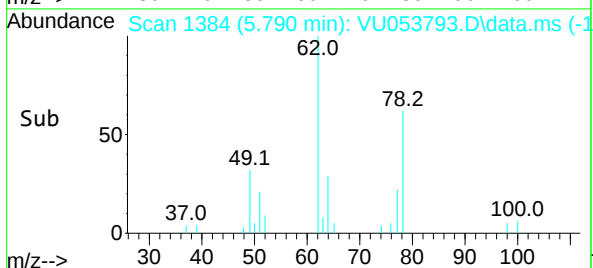
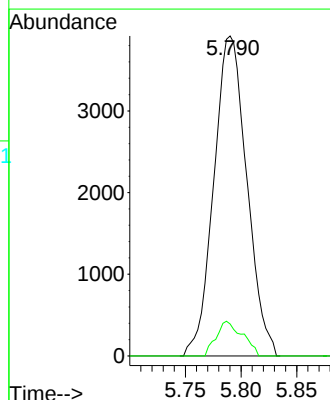
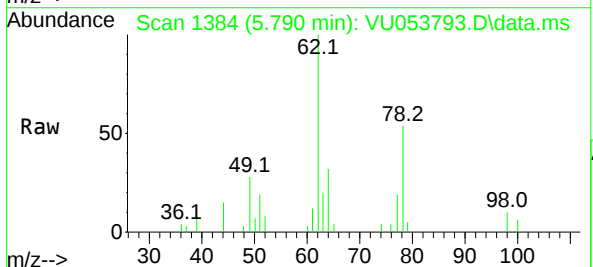
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

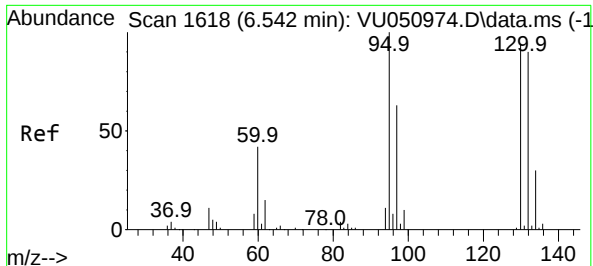
Tgt Ion: 78 Resp: 24492
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3



#36
1,2-Dichloroethane
Concen: 0.832 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 62 Resp: 8082
Ion Ratio Lower Upper
62 100
98 8.6 7.3 10.9





#37

Trichloroethene

Concen: 0.763 ug/l

RT: 6.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

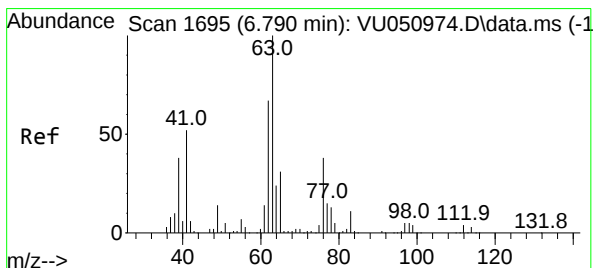
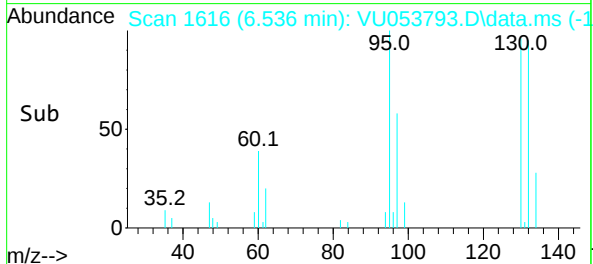
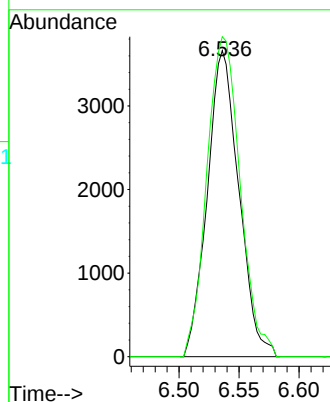
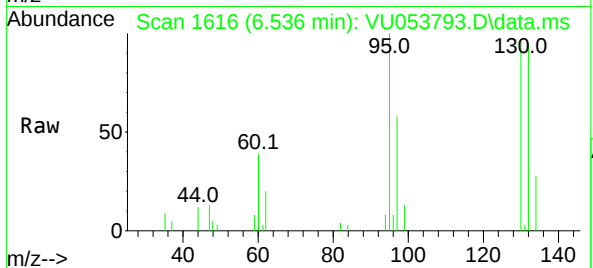
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:130 Resp: 6700

Ion Ratio Lower Upper

130 100

95 104.6 85.0 127.6



#38

1,2-Dichloropropane

Concen: 0.801 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU053793.D

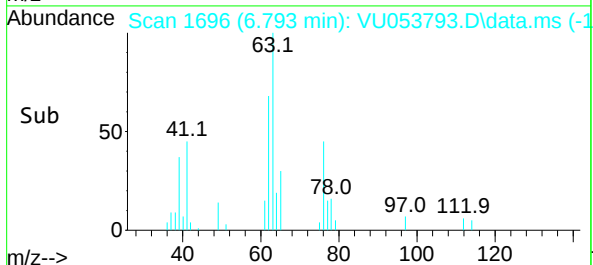
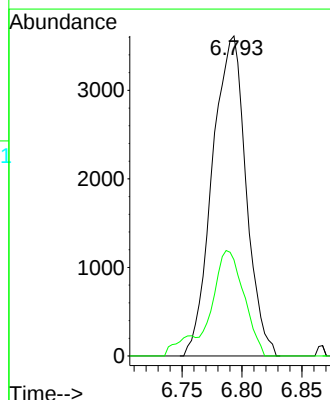
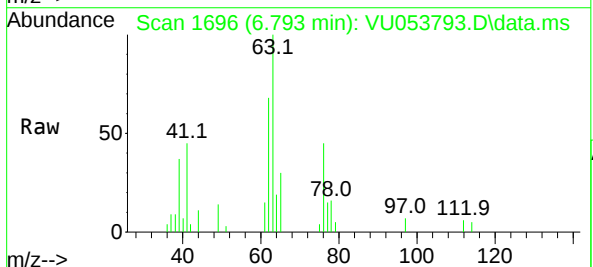
Acq: 19 Apr 2023 21:16

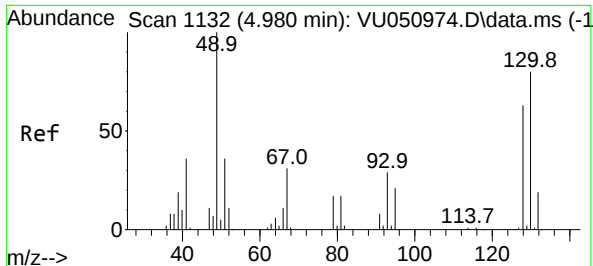
Tgt Ion: 63 Resp: 7051

Ion Ratio Lower Upper

63 100

65 30.1 24.9 37.3





#39

Methacrylonitrile

Concen: 0.953 ug/l

RT: 4.977 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU053793.D

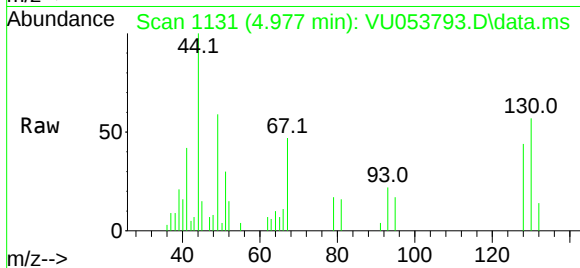
Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 41 Resp: 3041

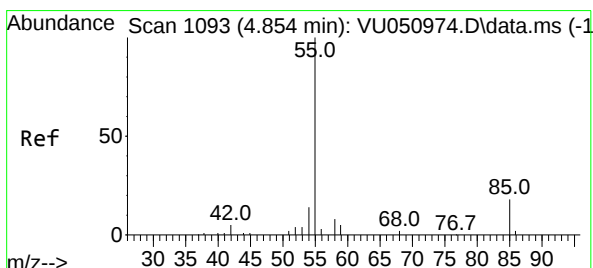
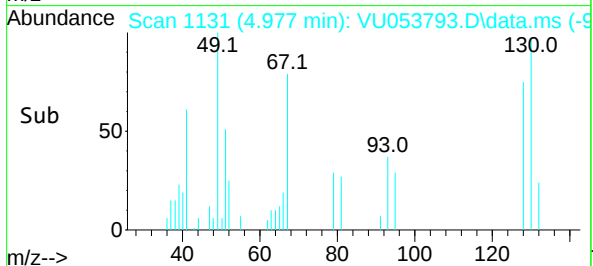
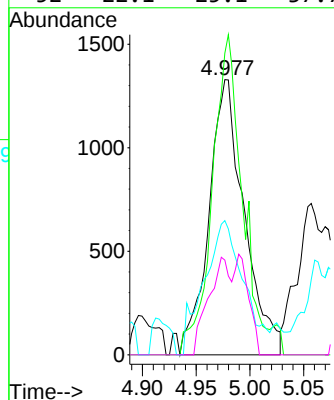
Ion Ratio Lower Upper

41 100

67 98.4 66.8 100.2

39 54.9 41.2 61.8

52 22.1 25.1 37.7#



#40

Methyl acrylate

Concen: 0.997 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. 0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Tgt Ion: 55 Resp: 5256

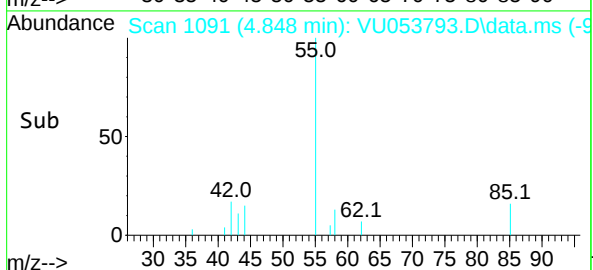
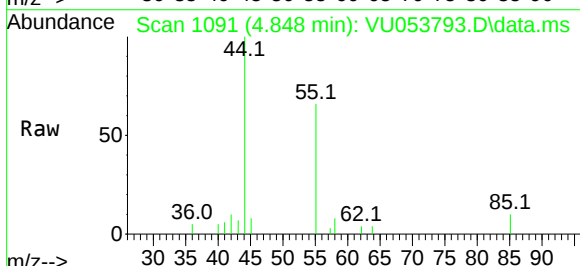
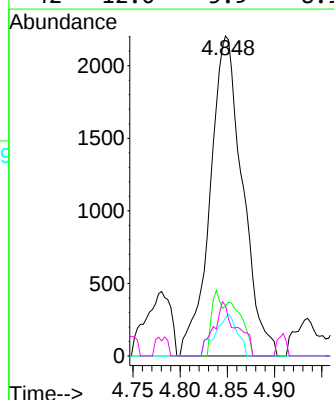
Ion Ratio Lower Upper

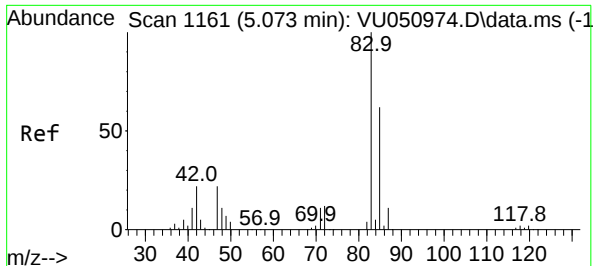
55 100

85 6.5 13.3 19.9#

58 9.0 6.5 9.7

42 12.0 5.9 8.9#





#41

Tetrahydrofuran

Concen: 1.912 ug/l

RT: 5.060 min Scan# 1161

Delta R.T. -0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

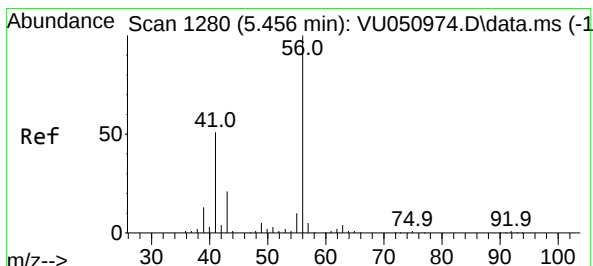
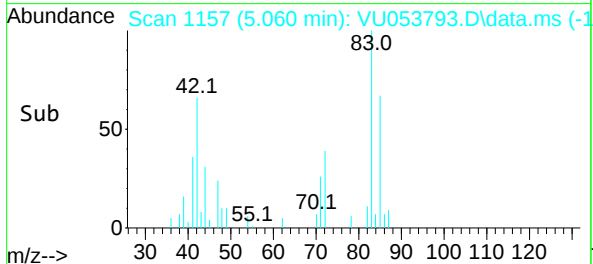
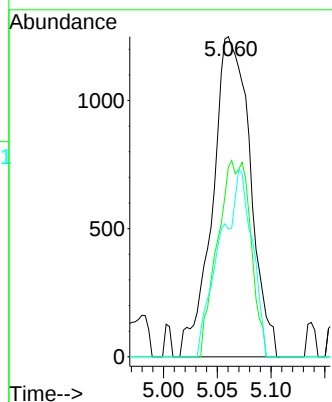
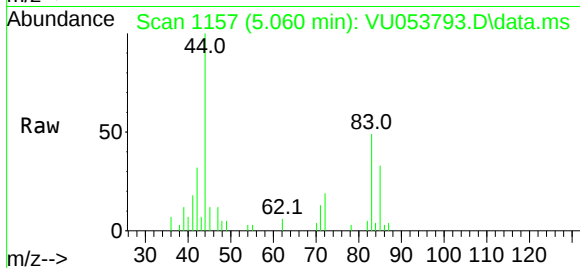
Tgt Ion: 42 Resp: 3041

Ion Ratio Lower Upper

42 100

72 53.8 40.9 61.3

71 50.1 36.9 55.3



#42

1-Chlorobutane

Concen: 0.784 ug/l

RT: 5.449 min Scan# 1278

Delta R.T. -0.000 min

Lab File: VU053793.D

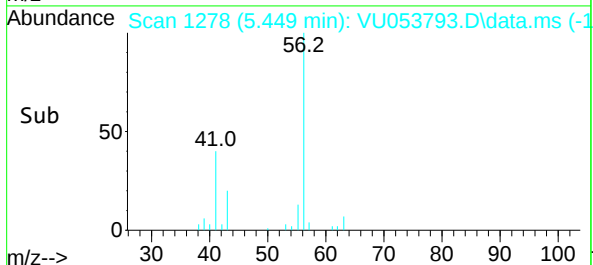
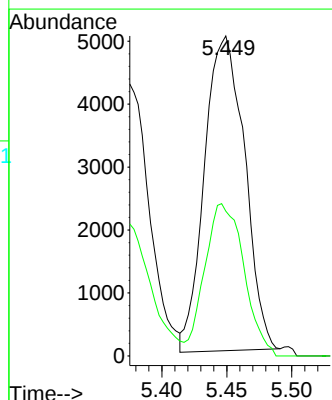
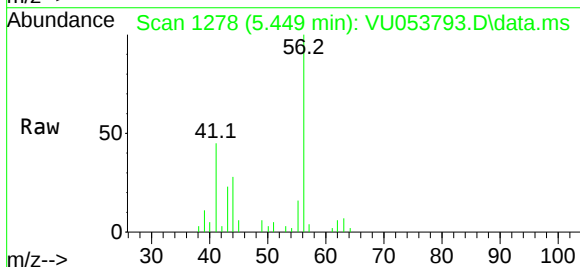
Acq: 19 Apr 2023 21:16

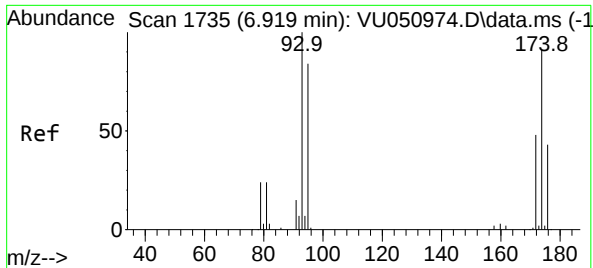
Tgt Ion: 56 Resp: 10743

Ion Ratio Lower Upper

56 100

41 47.2 25.2 75.6





#43

Dibromomethane

Concen: 0.848 ug/l

RT: 6.915 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU053793.D

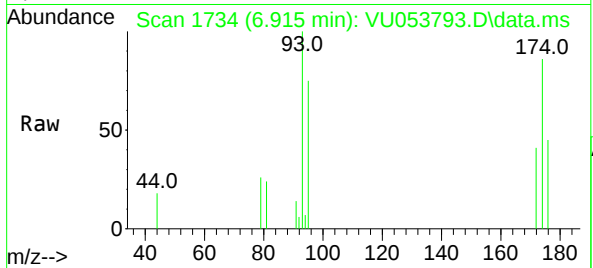
Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



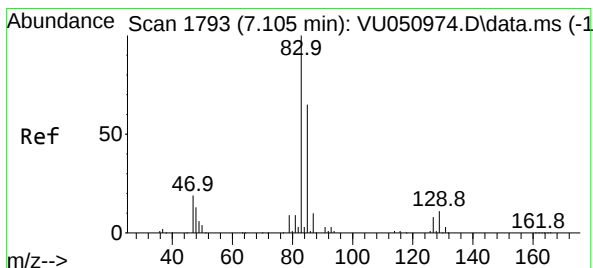
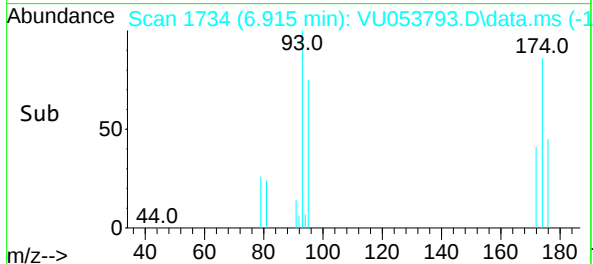
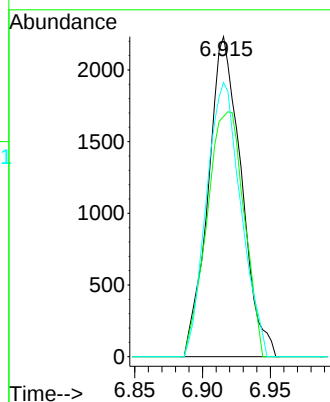
Tgt Ion: 93 Resp: 3786

Ion Ratio Lower Upper

93 100

95 85.6 67.0 100.6

174 89.0 73.8 110.6



#44

Bromodichloromethane

Concen: 0.763 ug/l

RT: 7.102 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

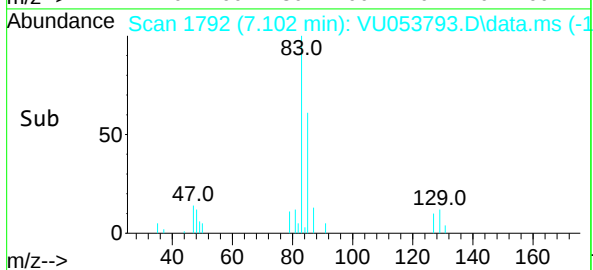
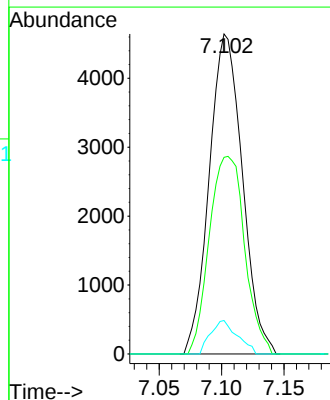
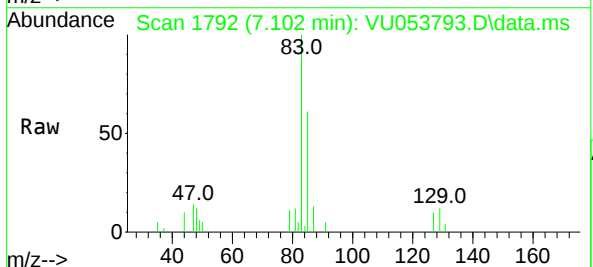
Tgt Ion: 83 Resp: 8589

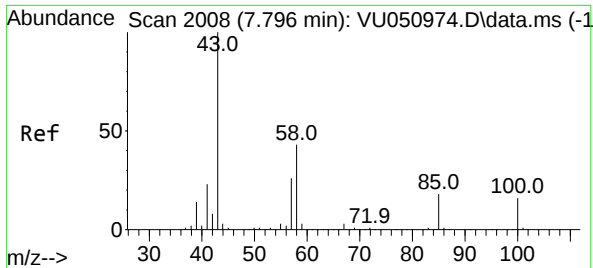
Ion Ratio Lower Upper

83 100

85 61.5 51.9 77.9

127 10.5 6.7 10.1#





#45

4-Methyl-2-Pentanone

Concen: 4.155 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

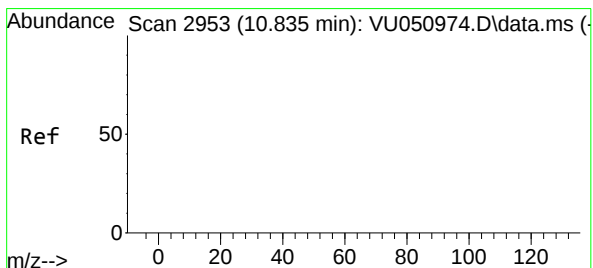
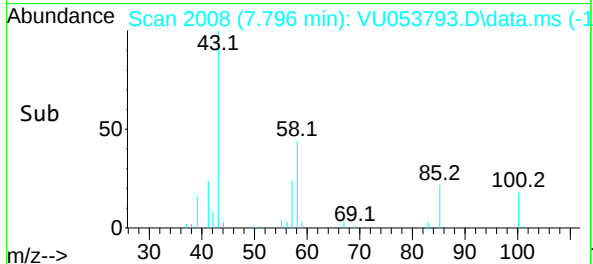
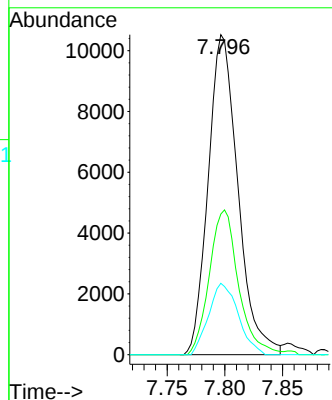
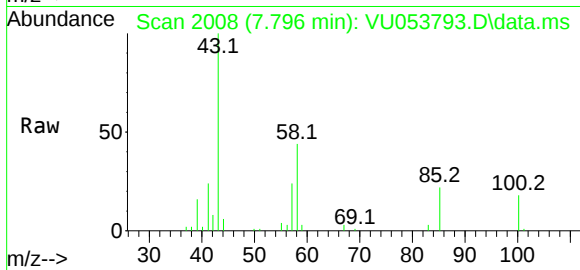
Tgt Ion: 43 Resp: 18860

Ion Ratio Lower Upper

43 100

58 44.5 20.9 62.8

85 22.2 14.6 21.8#



#46

t-1,4-Dichloro-2-butene

Concen: 4.131 ug/l

RT: 10.832 min Scan# 2952

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Tgt Ion: 75 Resp: 7786

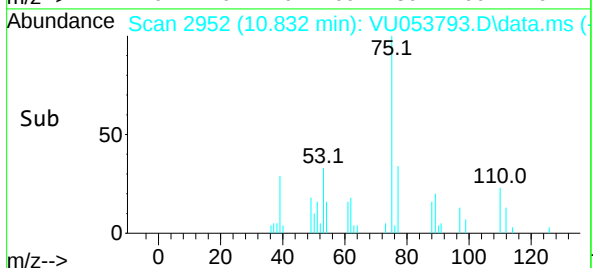
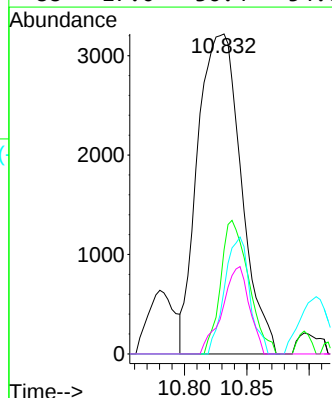
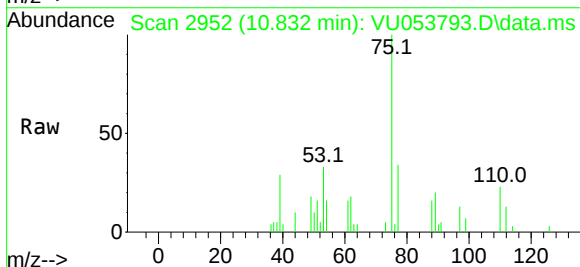
Ion Ratio Lower Upper

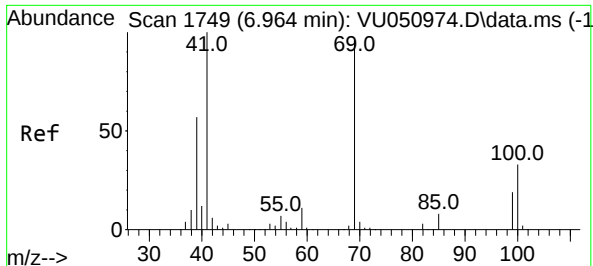
75 100

53 27.1 73.3 109.9#

89 21.3 48.2 72.4#

88 17.0 36.4 54.6#





#47

Methyl methacrylate

Concen: 1.546 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VU053793.D

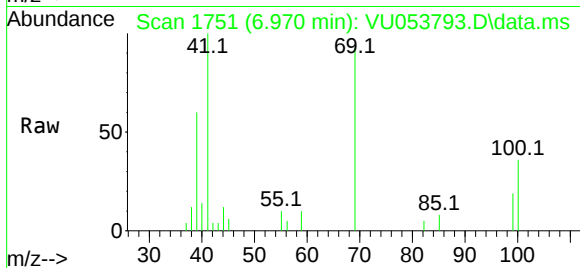
Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 69 Resp: 6059

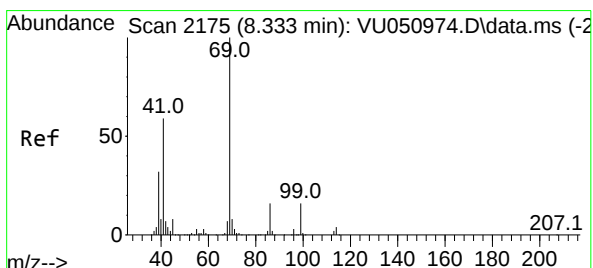
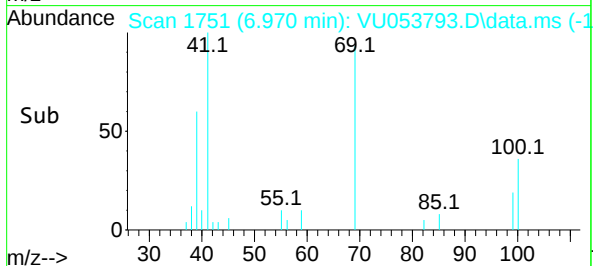
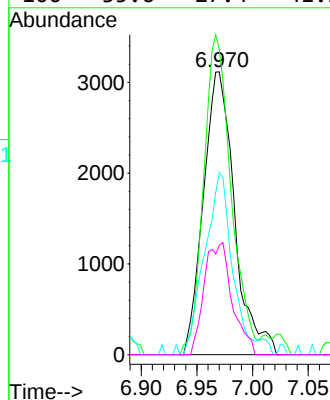
Ion Ratio Lower Upper

69 100

41 99.8 0.0 209.2

39 56.7 46.7 70.1

100 35.6 27.4 41.2



#48

Ethyl methacrylate

Concen: 0.716 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU053793.D

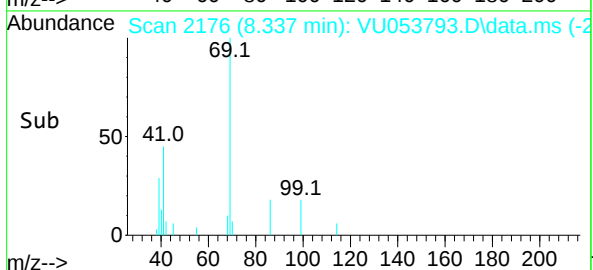
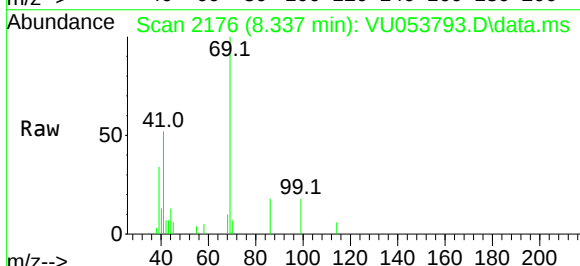
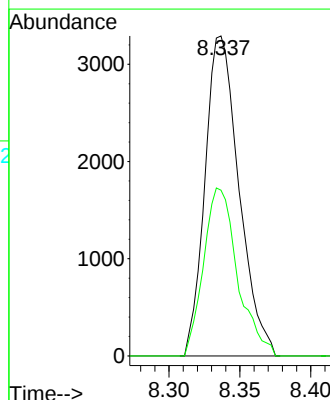
Acq: 19 Apr 2023 21:16

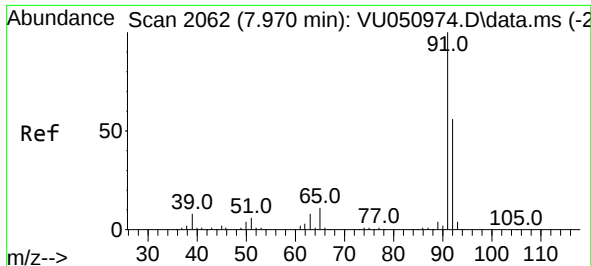
Tgt Ion: 69 Resp: 5499

Ion Ratio Lower Upper

69 100

41 52.4 30.3 90.8





#49

Toluene

Concen: 0.716 ug/l

RT: 7.967 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

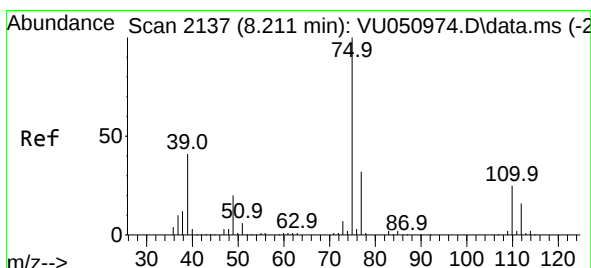
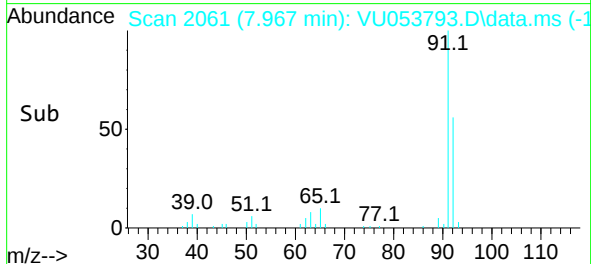
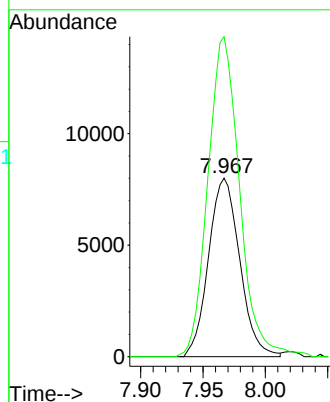
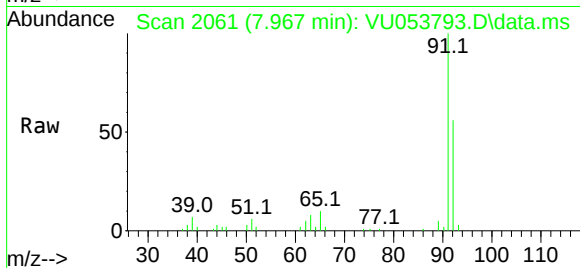
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 92 Resp: 13947

Ion Ratio Lower Upper

92 100

91 182.3 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 0.745 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU053793.D

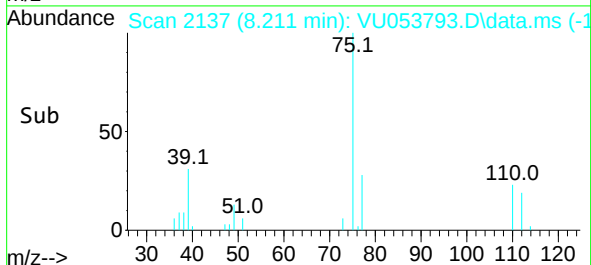
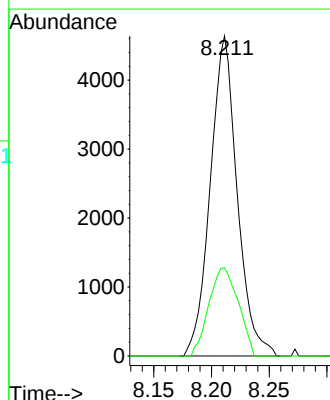
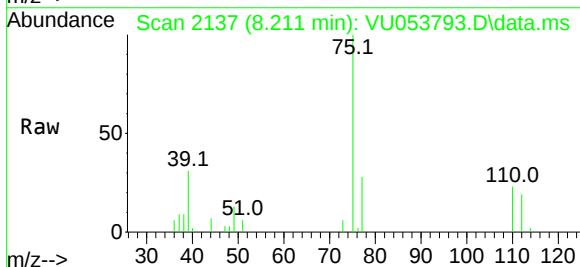
Acq: 19 Apr 2023 21:16

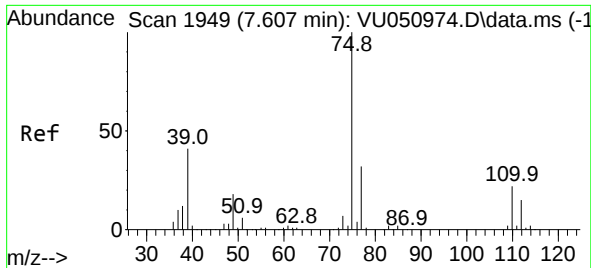
Tgt Ion: 75 Resp: 7533

Ion Ratio Lower Upper

75 100

77 27.6 25.3 37.9

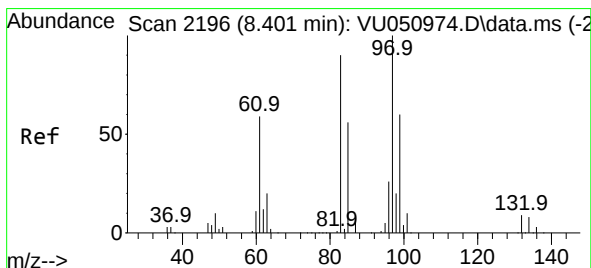
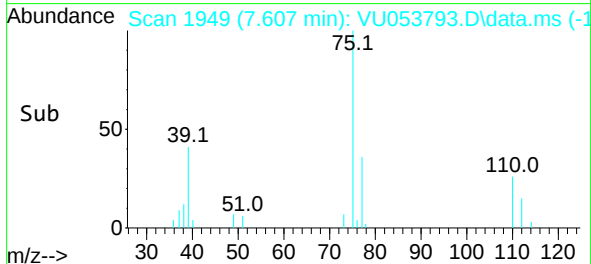
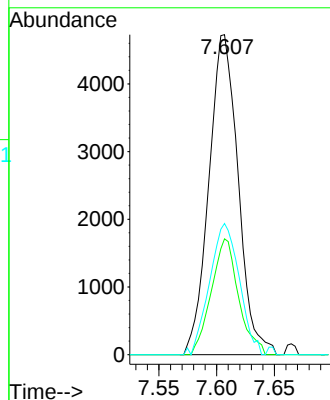
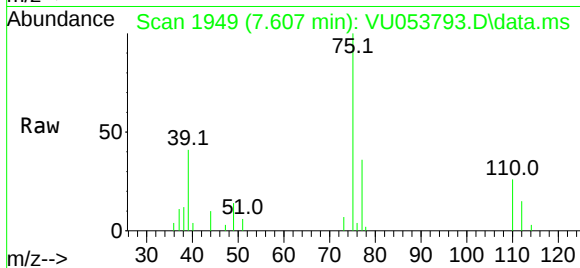




#51
 cis-1,3-Dichloropropene
 Concen: 0.691 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU053793.D
 Acq: 19 Apr 2023 21:16

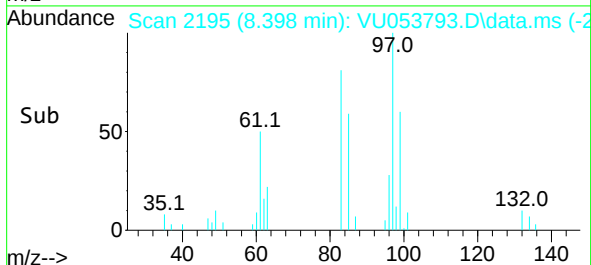
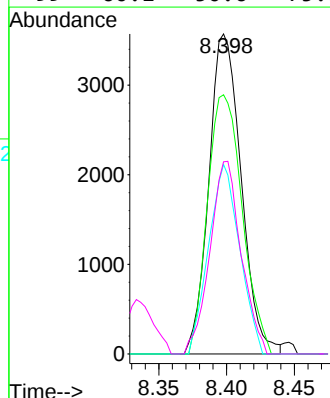
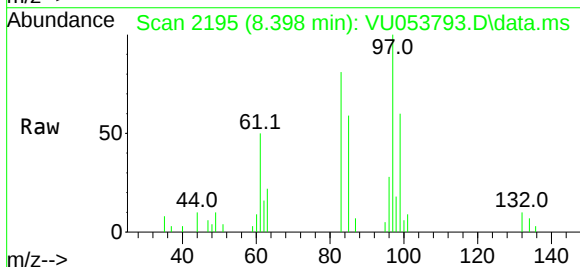
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023

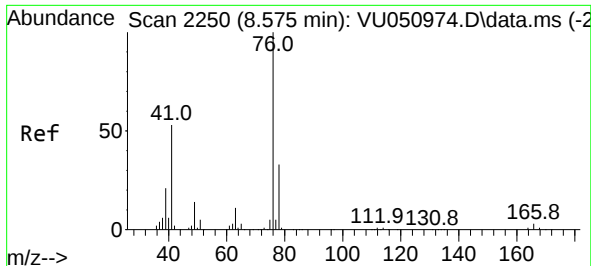
Tgt Ion:	75	Resp:	8339
Ion	Ratio	Lower	Upper
75	100		
77	36.2	25.7	38.5
39	41.0	32.8	49.2



#52
 1,1,2-Trichloroethane
 Concen: 0.837 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU053793.D
 Acq: 19 Apr 2023 21:16

Tgt Ion:	97	Resp:	5925
Ion	Ratio	Lower	Upper
97	100		
83	81.0	71.8	107.8
85	59.2	45.2	67.8
99	60.1	50.6	75.8





#53

1,3-Dichloropropane

Concen: 0.863 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

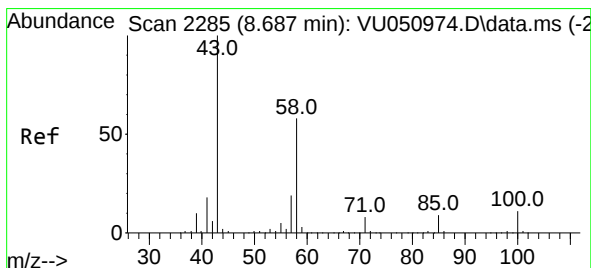
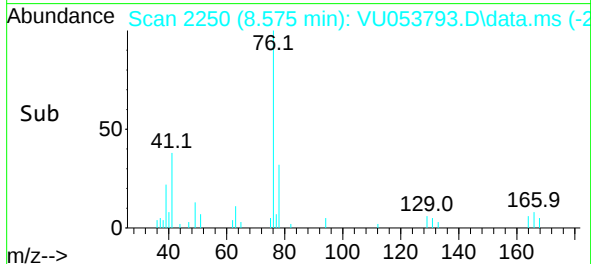
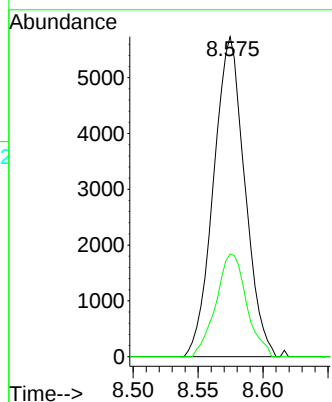
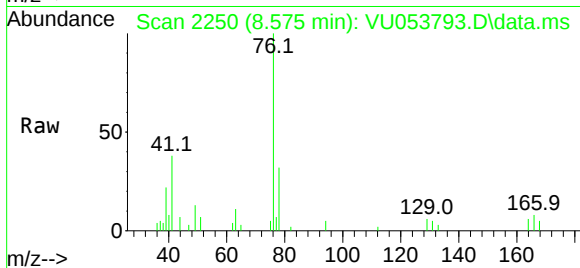
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 76 Resp: 9564

Ion Ratio Lower Upper

76 100

78 31.6 25.9 38.9



#54

2-Hexanone

Concen: 3.101 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

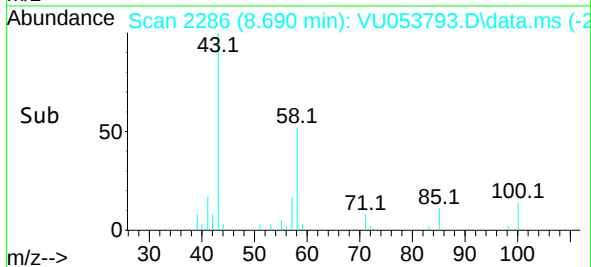
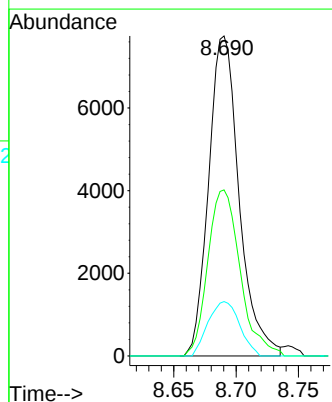
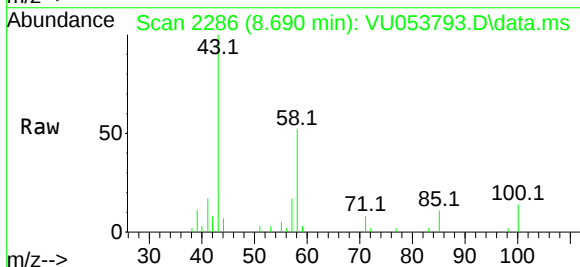
Tgt Ion: 43 Resp: 13200

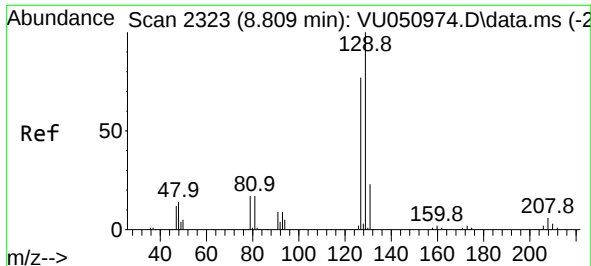
Ion Ratio Lower Upper

43 100

58 54.9 38.2 78.2

57 17.6 0.0 39.1

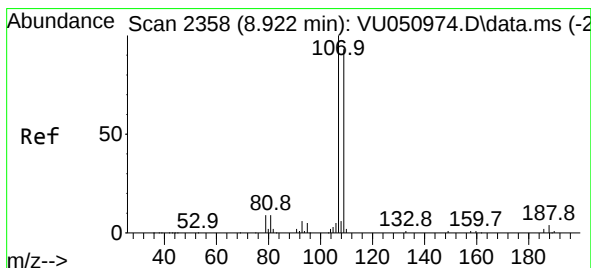
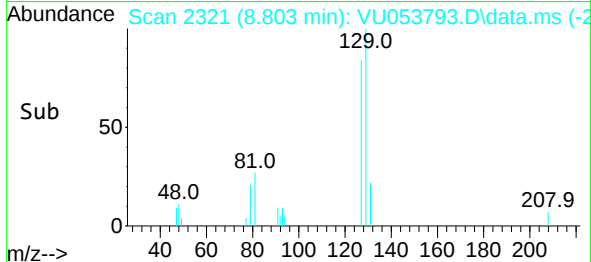
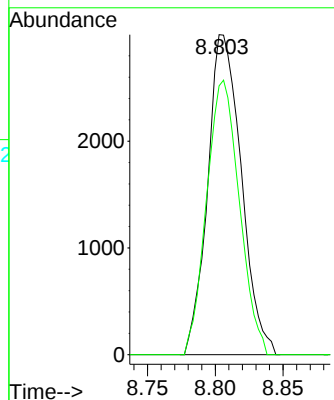
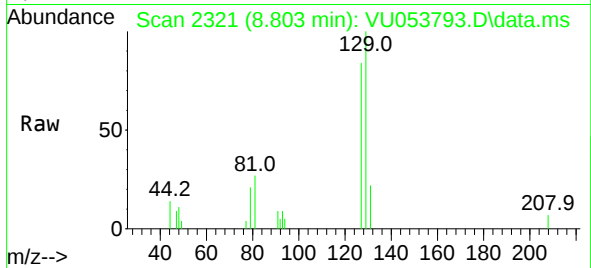




#55
Dibromochloromethane
Concen: 0.696 ug/l
RT: 8.803 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

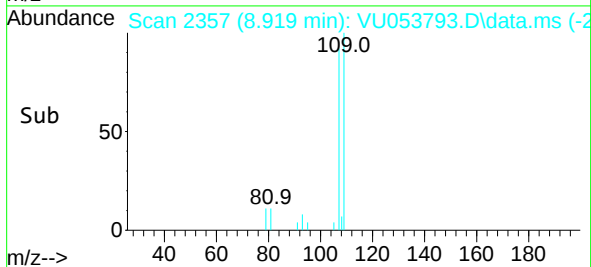
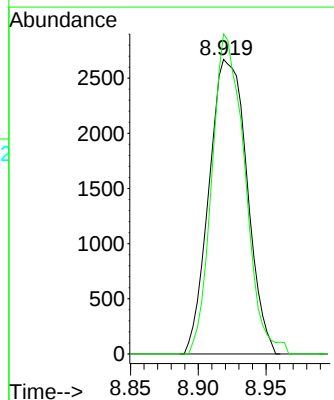
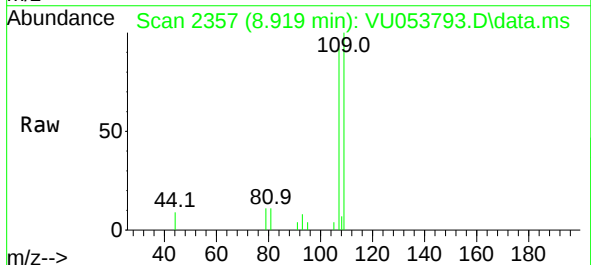
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

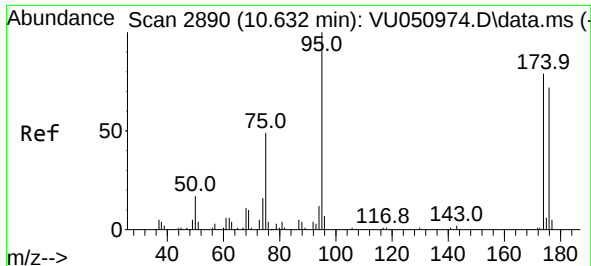
Tgt Ion:129 Resp: 5180
Ion Ratio Lower Upper
129 100
127 83.5 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.851 ug/l
RT: 8.919 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion:107 Resp: 5198
Ion Ratio Lower Upper
107 100
109 93.9 0.0 184.4

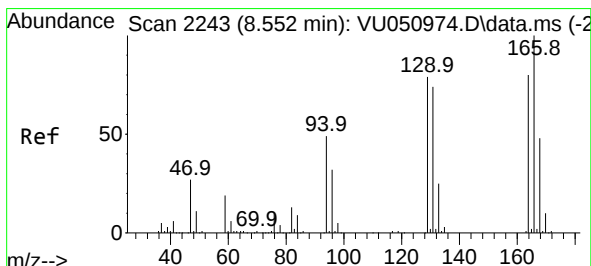
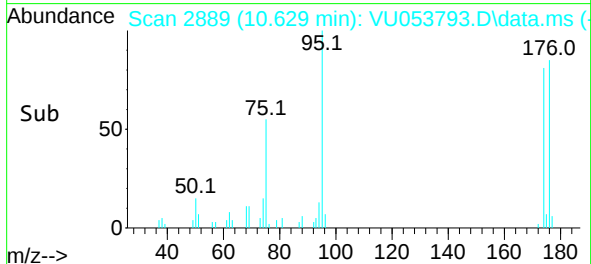
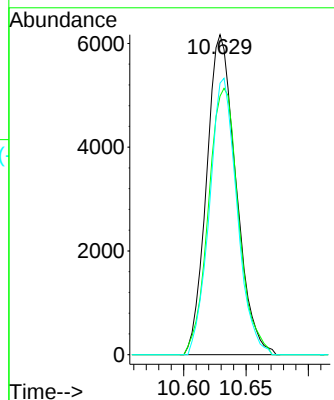
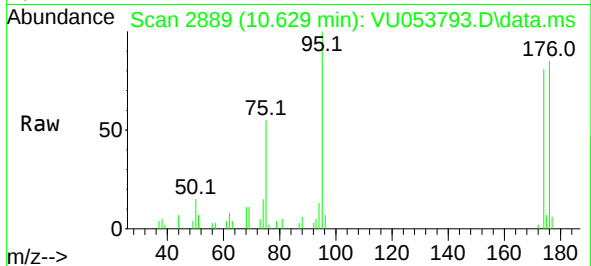




#57
4-Bromofluorobenzene
Concen: 0.925 ug/l
RT: 10.629 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

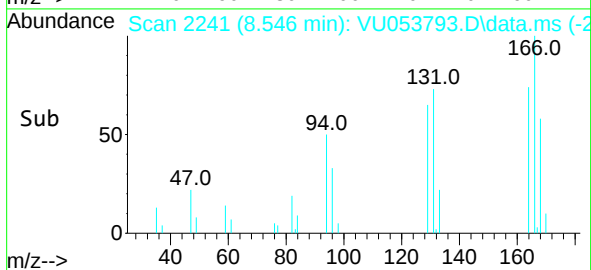
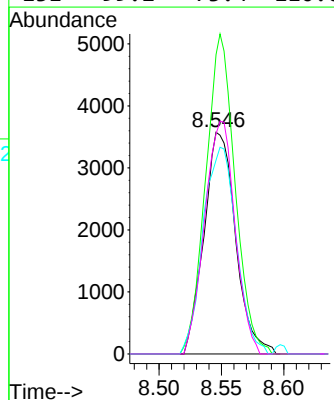
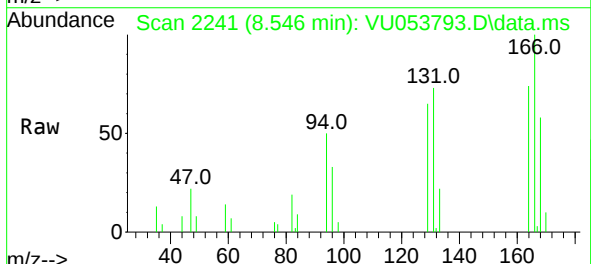
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

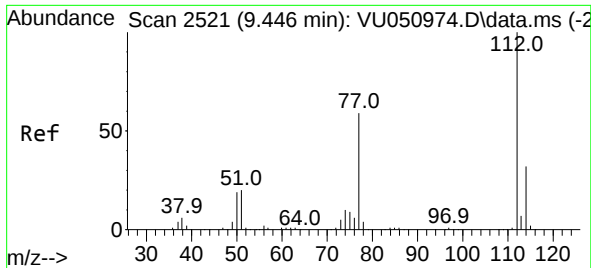
Tgt Ion: 95	Resp: 10139
Ion Ratio	Lower Upper
95 100	
174 85.0	63.3 94.9
176 80.9	59.3 88.9



#58
Tetrachloroethene
Concen: 0.742 ug/l
RT: 8.546 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 164	Resp: 6298
Ion Ratio	Lower Upper
164 100	
166 135.0	99.6 149.4
129 87.4	78.6 117.8
131 99.2	73.4 110.0





#59

Chlorobenzene

Concen: 0.742 ug/l

RT: 9.443 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

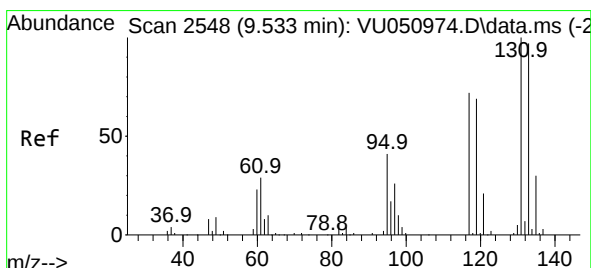
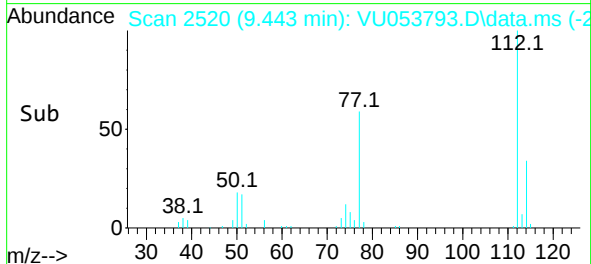
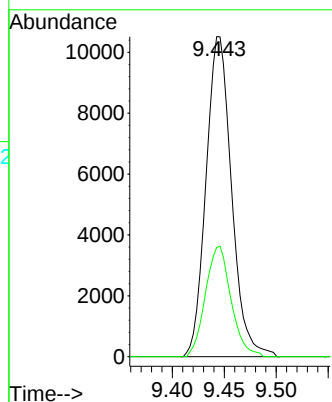
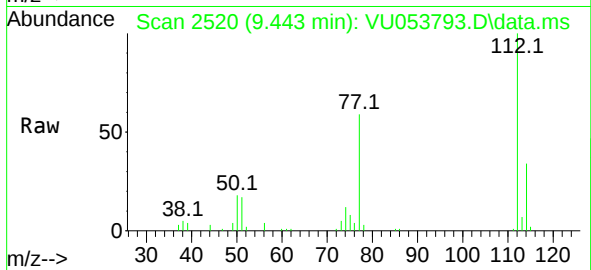
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:112 Resp: 17977

Ion Ratio Lower Upper

112 100

114 34.2 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 0.754 ug/l

RT: 9.529 min Scan# 2547

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

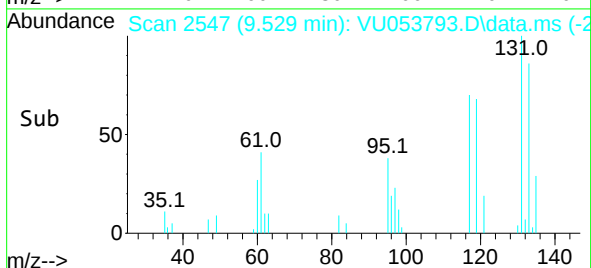
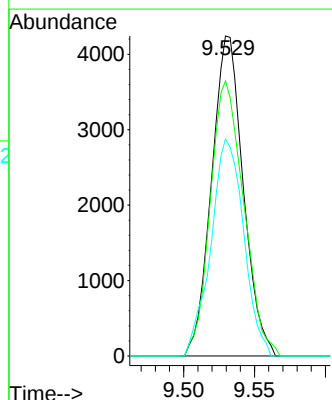
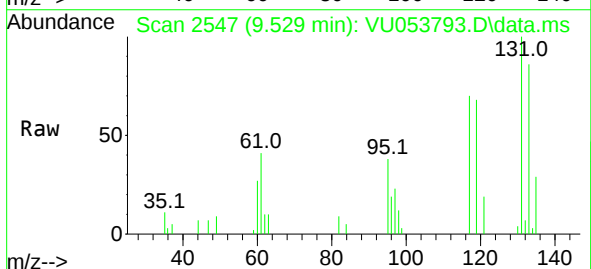
Tgt Ion:131 Resp: 6586

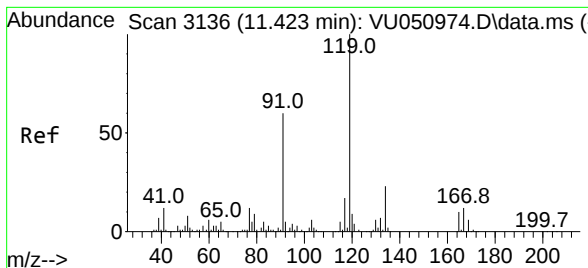
Ion Ratio Lower Upper

131 100

133 90.7 77.8 116.6

119 70.3 55.2 82.8

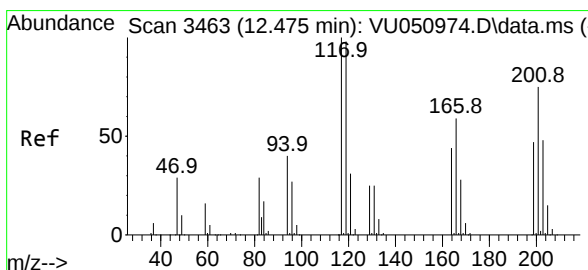
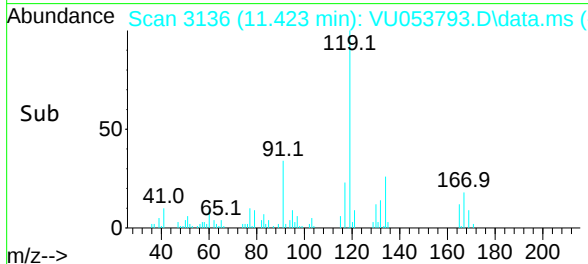
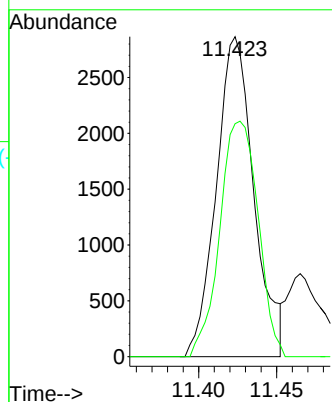
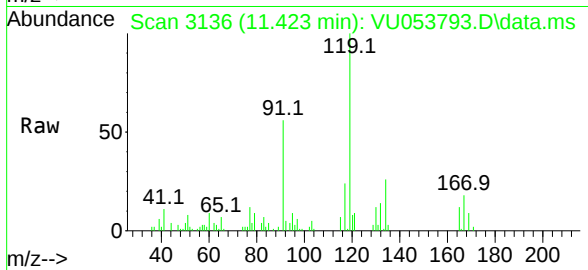




#61
Pentachloroethane
Concen: 0.713 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

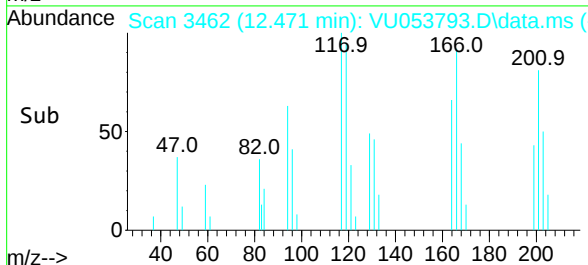
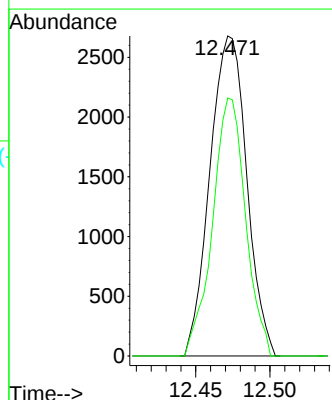
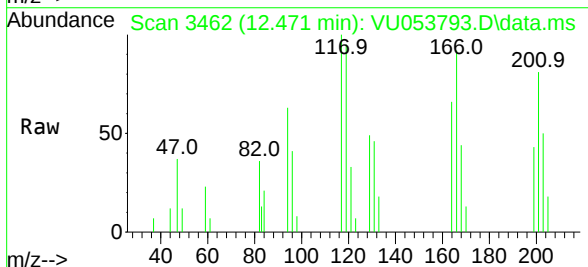
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

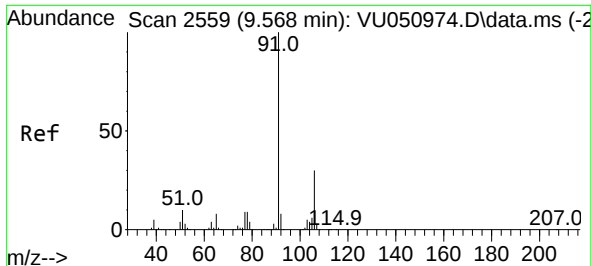
Tgt Ion:117 Resp: 4806
Ion Ratio Lower Upper
117 100
167 74.9 56.7 85.1



#62
Hexachloroethane
Concen: 0.703 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion:117 Resp: 4627
Ion Ratio Lower Upper
117 100
201 72.1 59.6 89.4

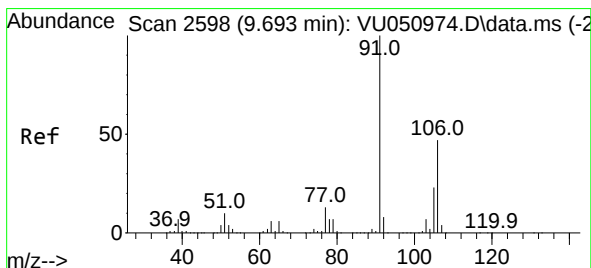
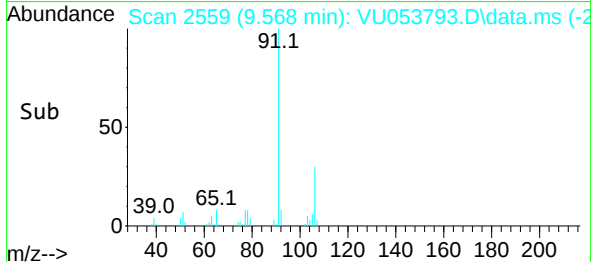
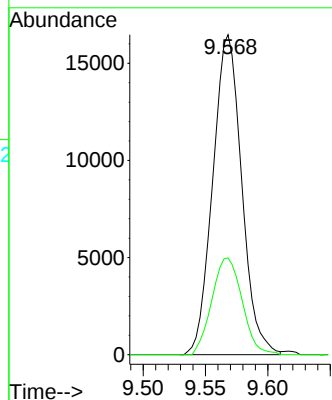
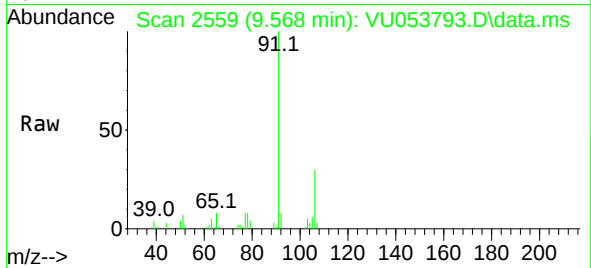




#63
Ethyl Benzene
Concen: 0.695 ug/l
RT: 9.568 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

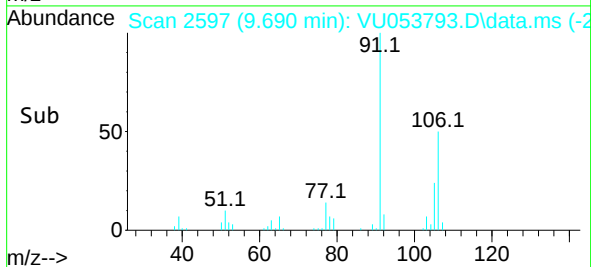
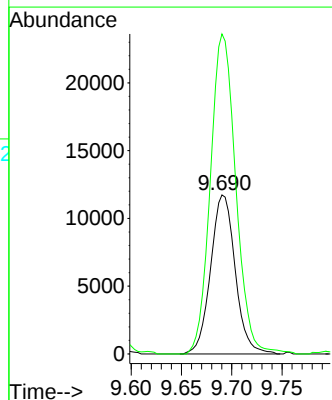
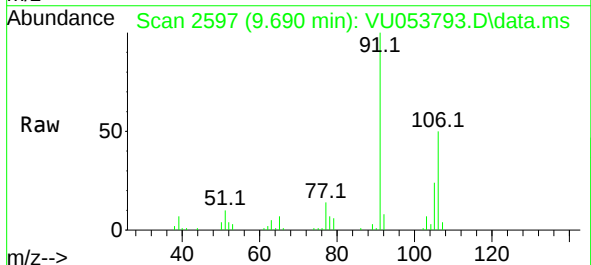
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

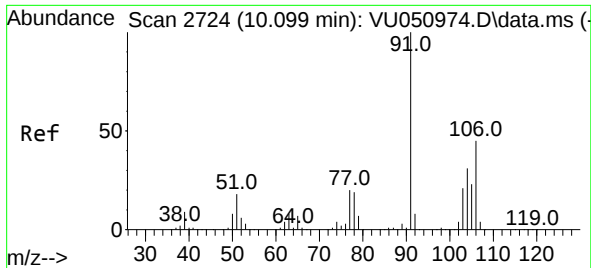
Tgt Ion: 91 Resp: 26591
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



#64
m/p-Xylenes
Concen: 1.325 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion:106 Resp: 19982
Ion Ratio Lower Upper
106 100
91 208.2 167.3 250.9

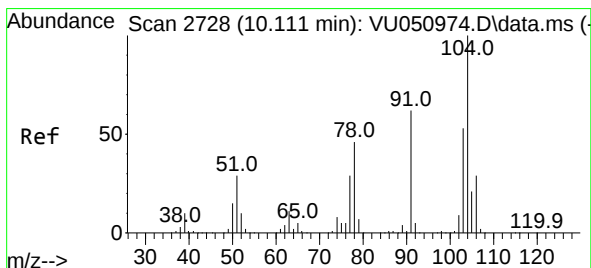
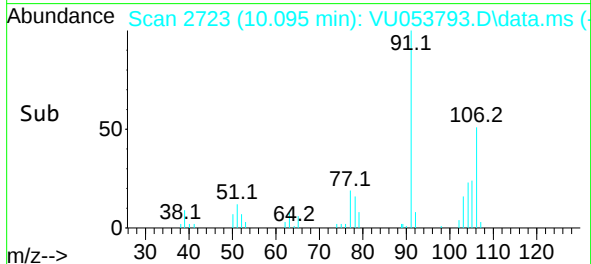
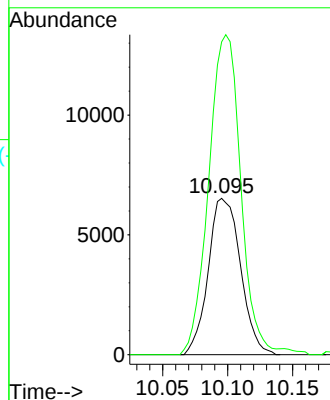
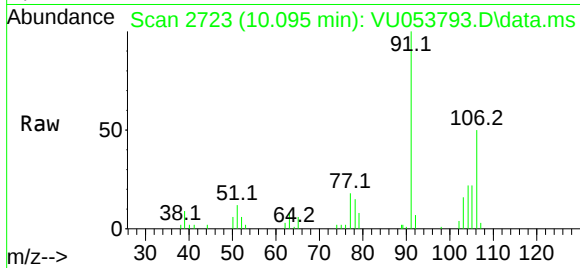




#65
o-Xylene
Concen: 0.743 ug/l
RT: 10.095 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

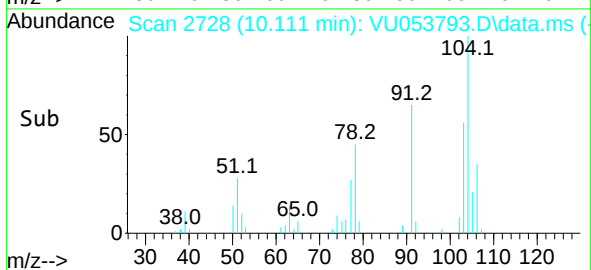
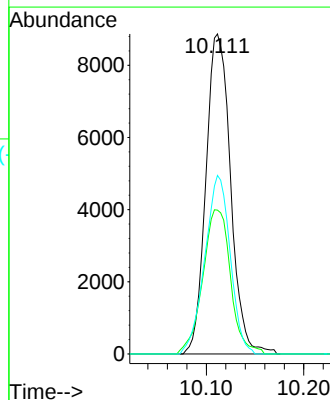
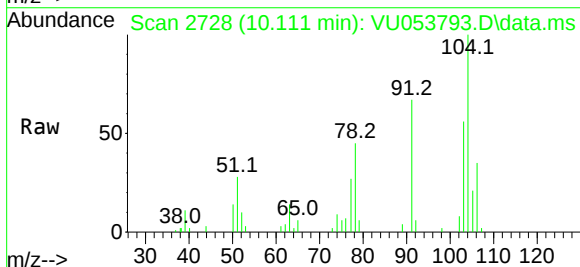
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

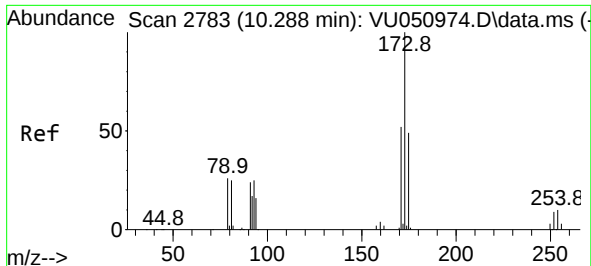
Tgt Ion:106 Resp: 11291
Ion Ratio Lower Upper
106 100
91 204.1 109.3 327.9



#66
Styrene
Concen: 0.647 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

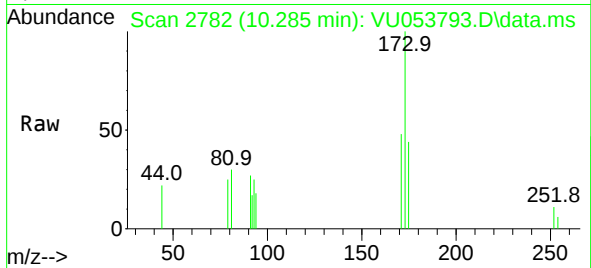
Tgt Ion:104 Resp: 15629
Ion Ratio Lower Upper
104 100
78 50.6 39.7 59.5
103 57.3 44.8 67.2



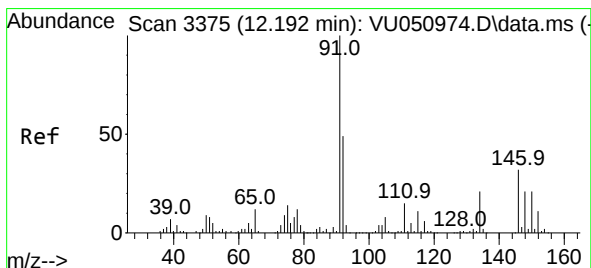
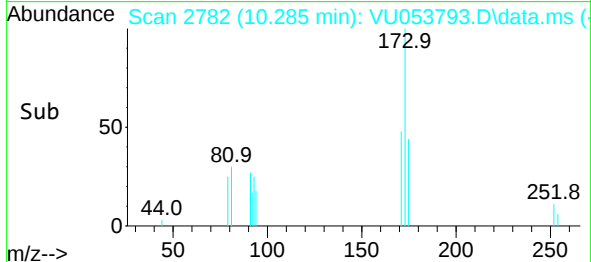
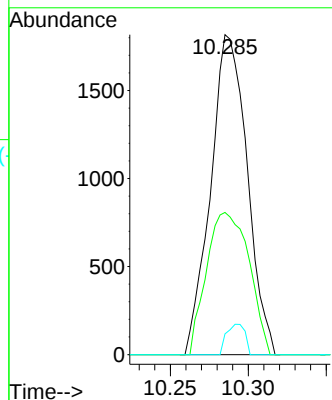


#67
Bromoform
Concen: 0.765 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

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

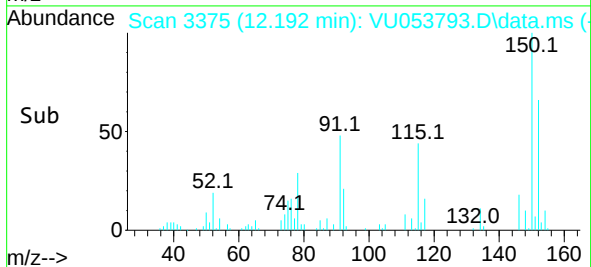
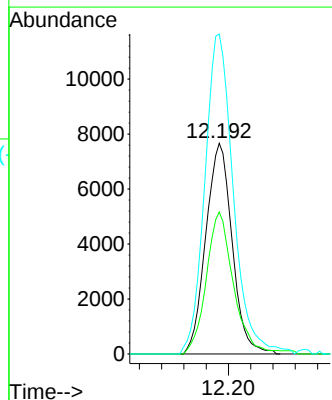
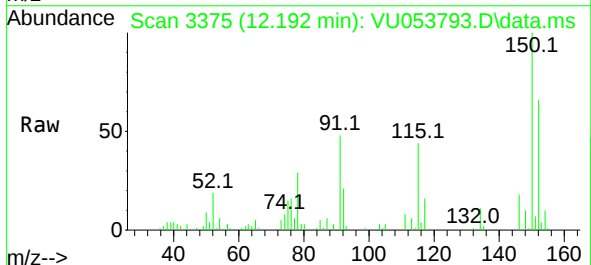


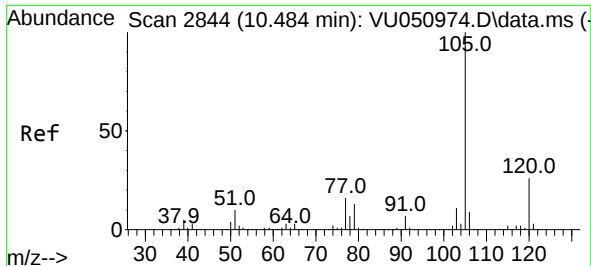
Tgt Ion:173 Resp: 2960
Ion Ratio Lower Upper
173 100
175 51.7 39.0 58.6
254 4.8 7.4 11.0#



#68
1,2-Dichlorobenzene-d4
Concen: 0.966 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion:152 Resp: 12595
Ion Ratio Lower Upper
152 100
115 68.8 0.0 308.8
150 164.1 0.0 635.0





#69

Isopropylbenzene

Concen: 0.678 ug/l

RT: 10.481 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

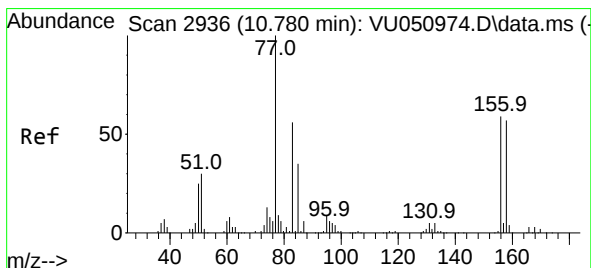
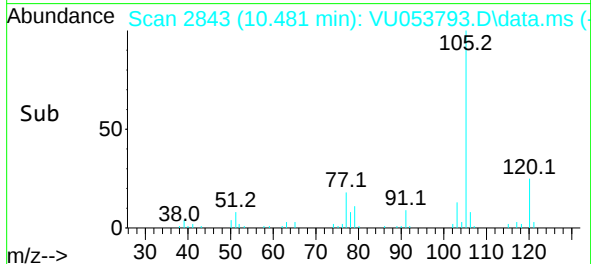
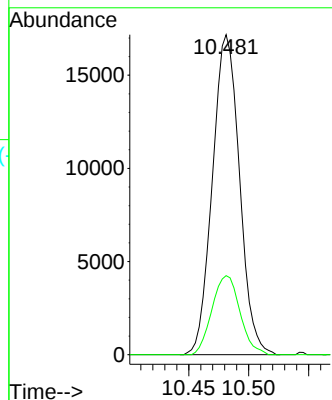
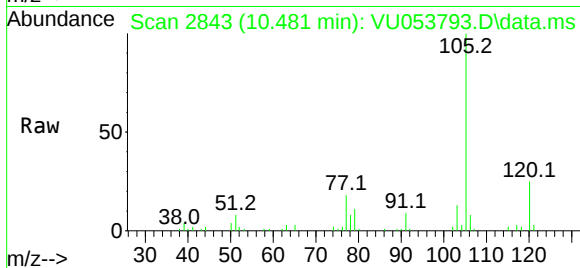
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 26938

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.871 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

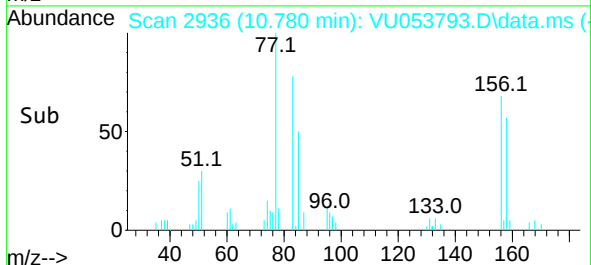
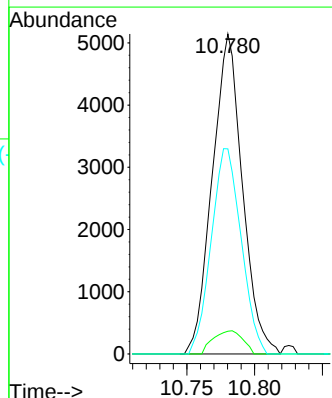
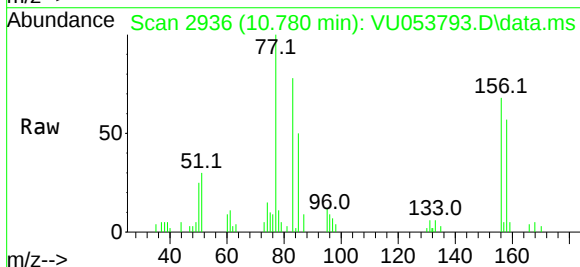
Tgt Ion: 83 Resp: 7945

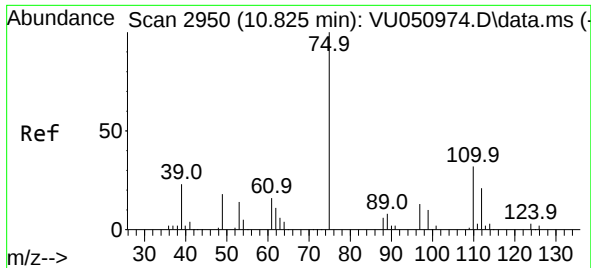
Ion Ratio Lower Upper

83 100

131 7.1 7.2 10.8#

85 63.6 50.5 75.7

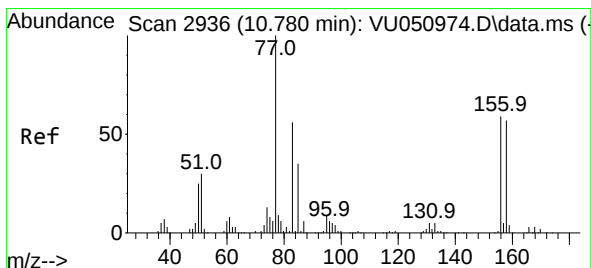
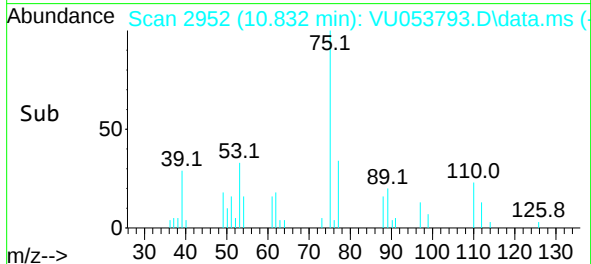
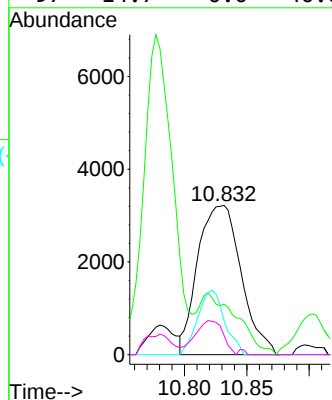
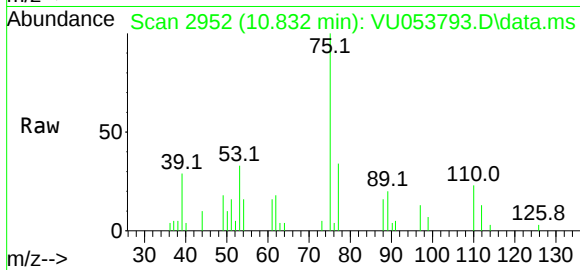




#71
1,2,3-Trichloropropane
Concen: 1.183 ug/l
RT: 10.832 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

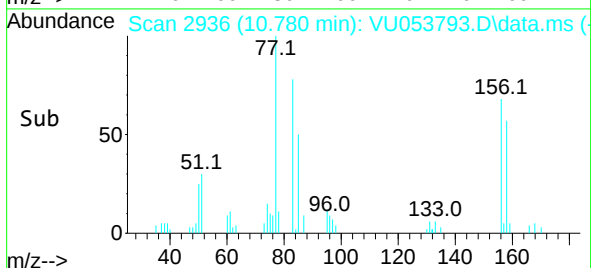
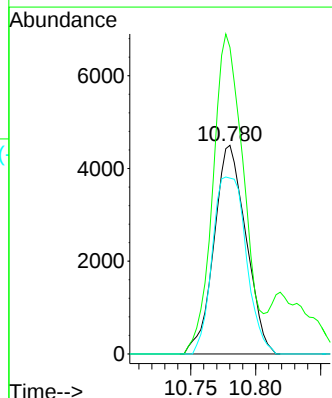
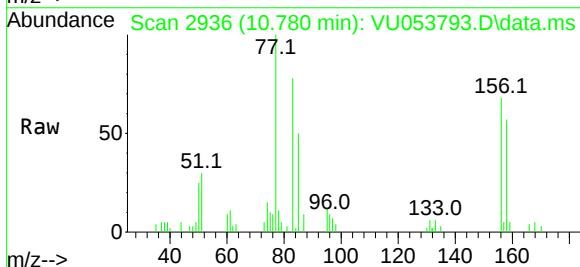
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

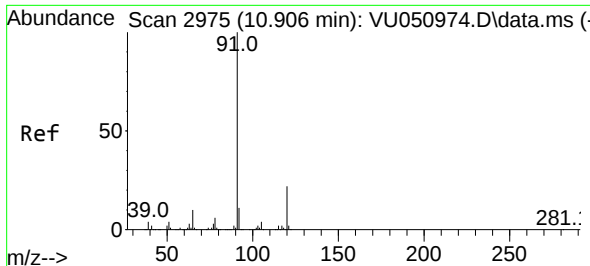
Tgt Ion: 75	Resp:	7786
Ion Ratio	Lower	Upper
75	100	
77	34.9	0.0 116.4
110	26.9	0.0 74.6
97	14.7	0.0 40.0



#72
Bromobenzene
Concen: 0.756 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 156	Resp:	7710
Ion Ratio	Lower	Upper
156	100	
77	146.6	0.0 343.0
158	89.6	0.0 194.8

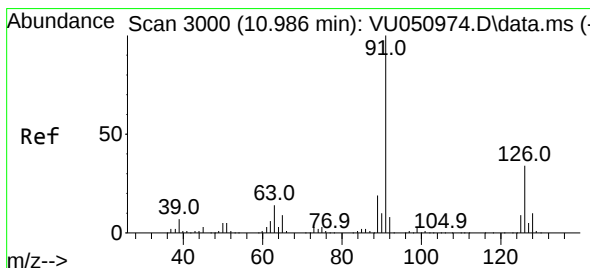
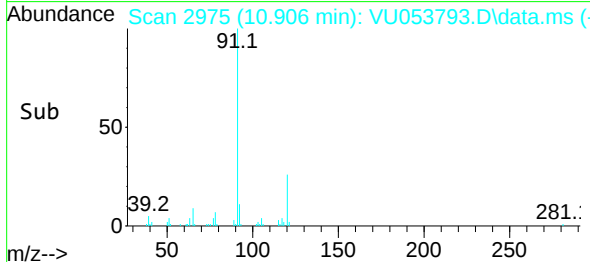
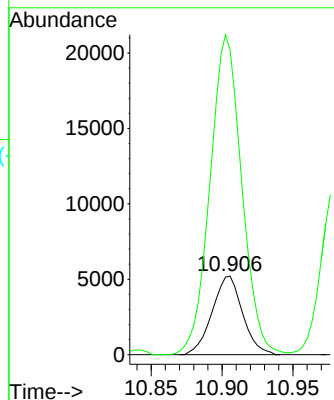
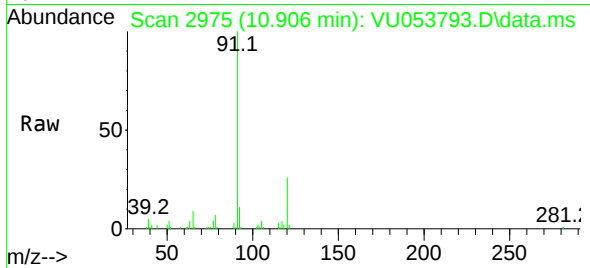




#73
n-propylbenzene
Concen: 0.706 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

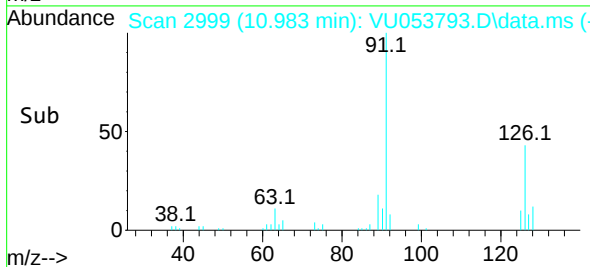
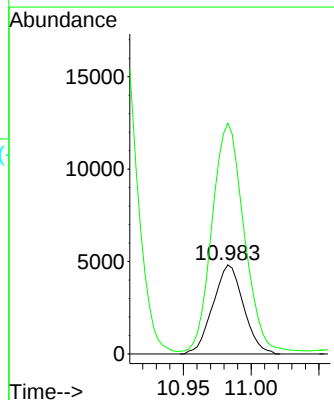
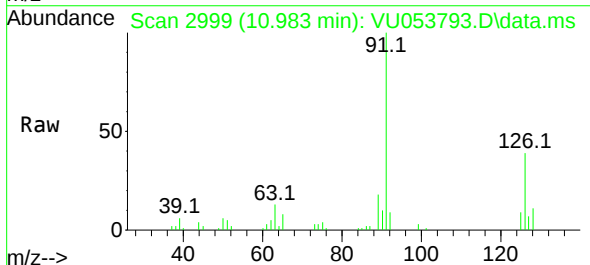
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

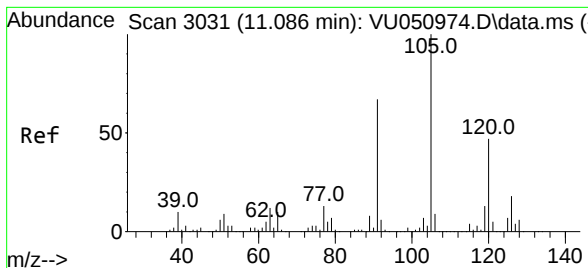
Tgt Ion:120 Resp: 7787
Ion Ratio Lower Upper
120 100
91 424.7 369.8 554.6



#74
2-Chlorotoluene
Concen: 0.724 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion:126 Resp: 7547
Ion Ratio Lower Upper
126 100
91 271.4 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 0.639 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

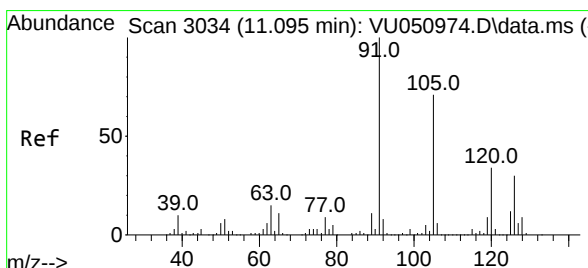
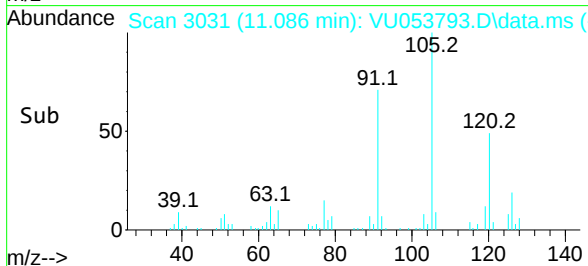
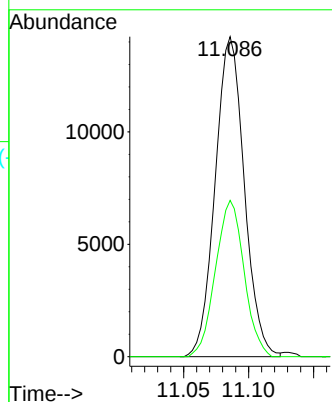
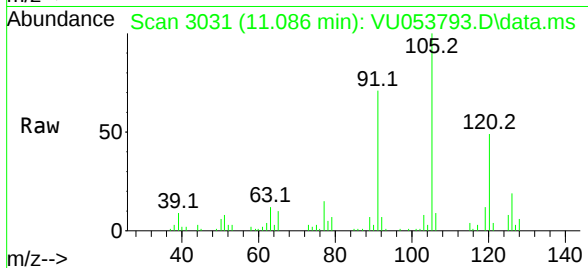
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 22146

Ion Ratio Lower Upper

105 100

120 47.9 37.8 56.8



#76

4-Chlorotoluene

Concen: 0.689 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.003 min

Lab File: VU053793.D

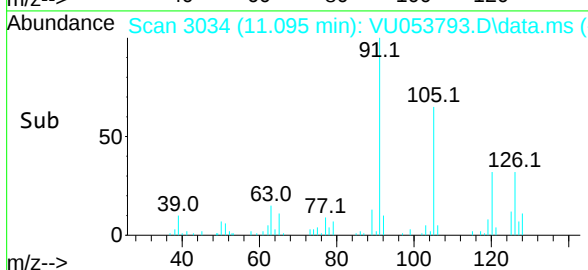
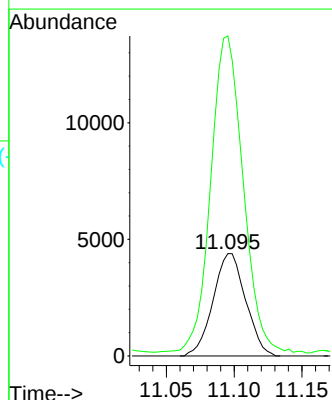
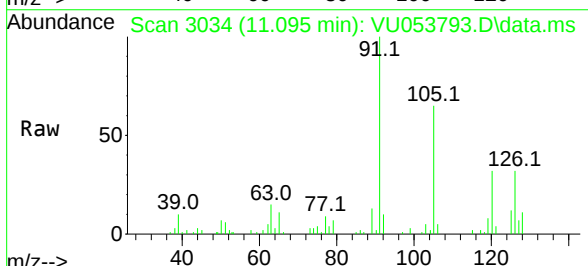
Acq: 19 Apr 2023 21:16

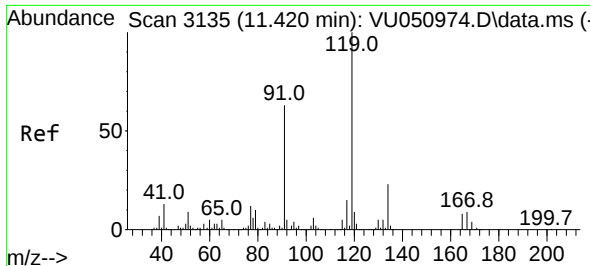
Tgt Ion:126 Resp: 7317

Ion Ratio Lower Upper

126 100

91 310.3 0.0 686.2

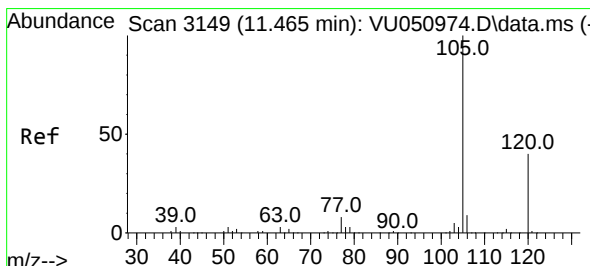
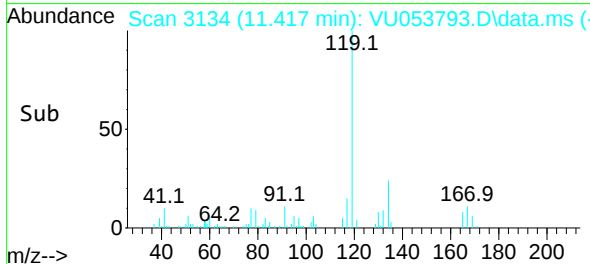
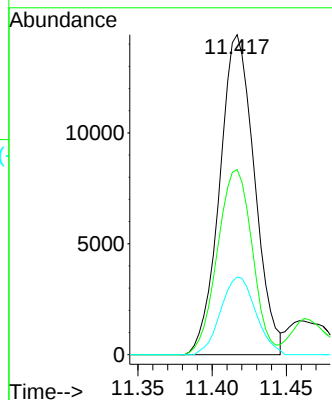
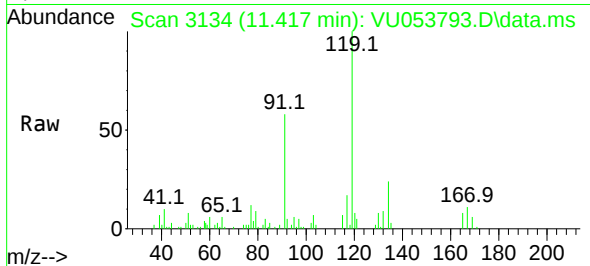




#77
tert-Butylbenzene
Concen: 0.675 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

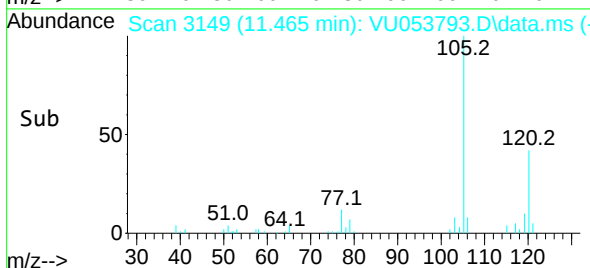
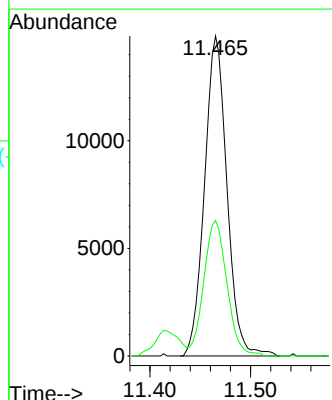
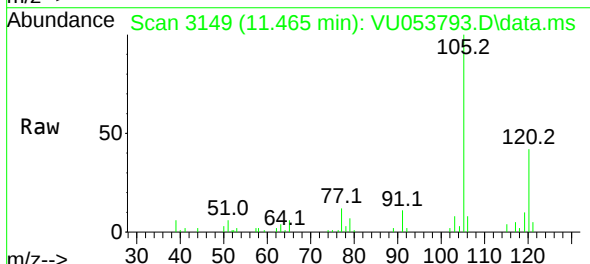
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

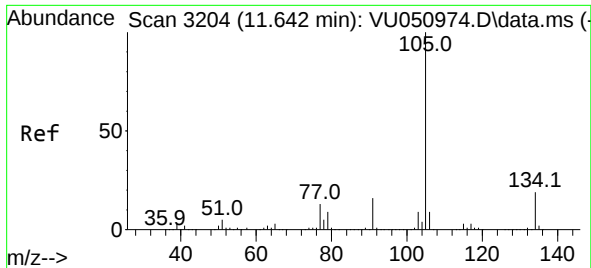
Tgt Ion:119 Resp: 23559
Ion Ratio Lower Upper
119 100
91 57.7 30.8 92.4
134 24.3 18.0 27.0



#78
1,2,4-Trimethylbenzene
Concen: 0.652 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion:105 Resp: 23047
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8

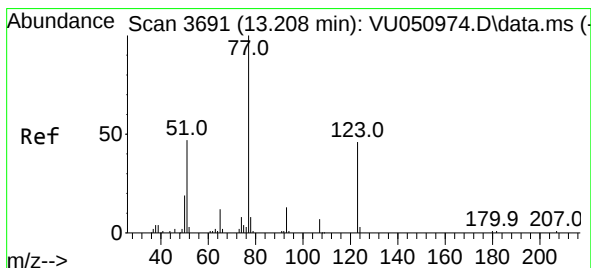
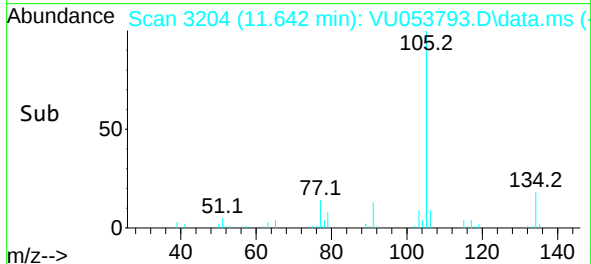
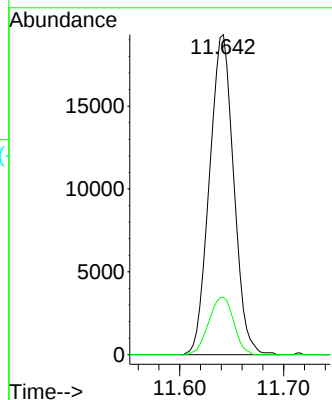
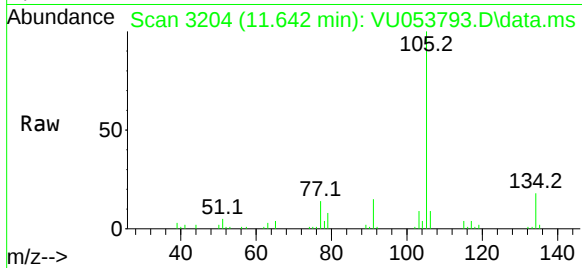




#79
 sec-Butylbenzene
 Concen: 0.668 ug/l
 RT: 11.642 min Scan# 31338
 Delta R.T. 0.003 min
 Lab File: VU053793.D
 Acq: 19 Apr 2023 21:16

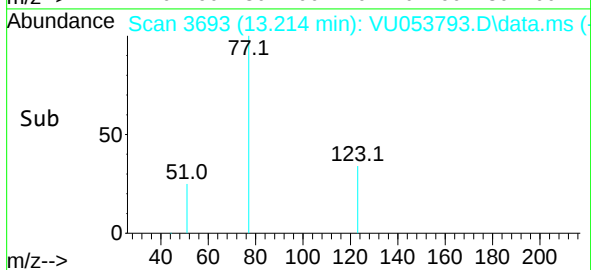
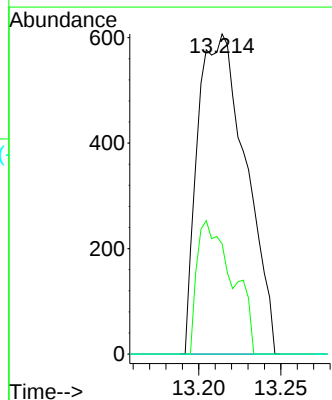
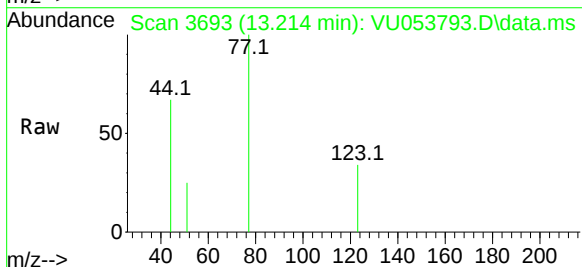
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023

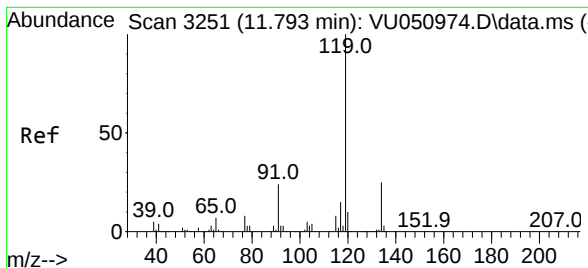
Tgt Ion:105 Resp: 31338
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.9 22.3



#80
 Nitrobenzene
 Concen: 4.262 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.013 min
 Lab File: VU053793.D
 Acq: 19 Apr 2023 21:16

Tgt Ion: 77 Resp: 1231
 Ion Ratio Lower Upper
 77 100
 123 30.7 19.7 69.7
 65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.610 ug/l

RT: 11.790 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

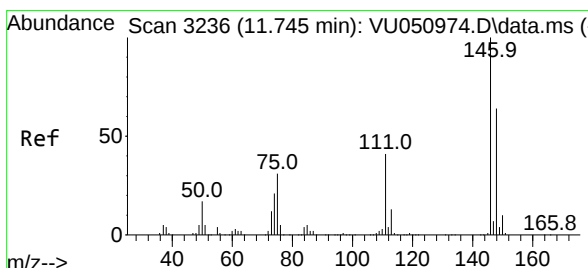
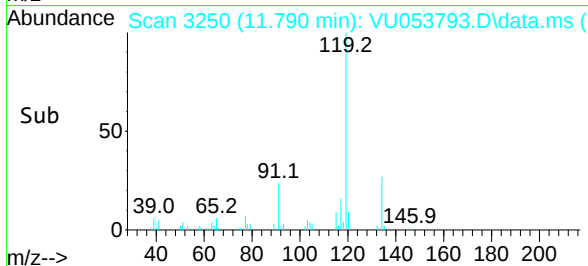
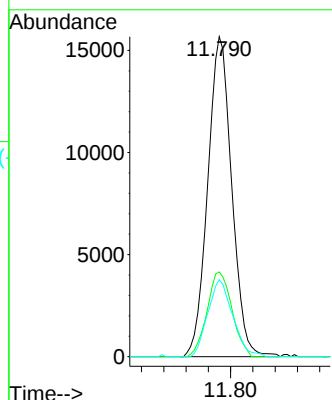
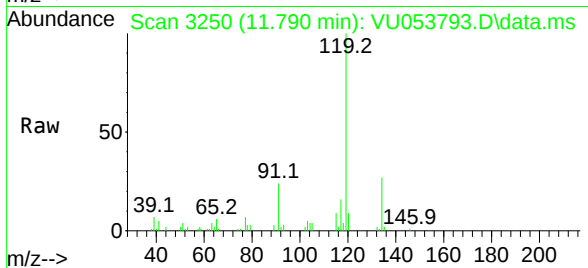
Tgt Ion:119 Resp: 23433

Ion Ratio Lower Upper

119 100

134 27.4 20.2 30.4

91 25.0 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.699 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

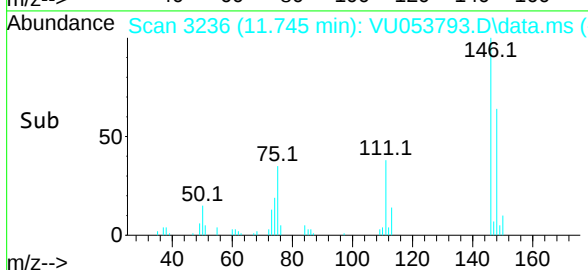
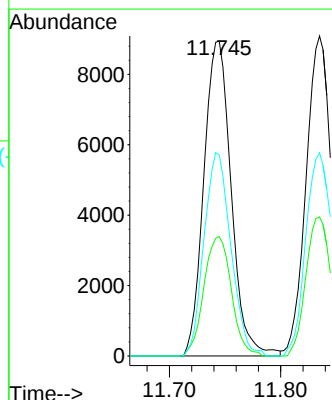
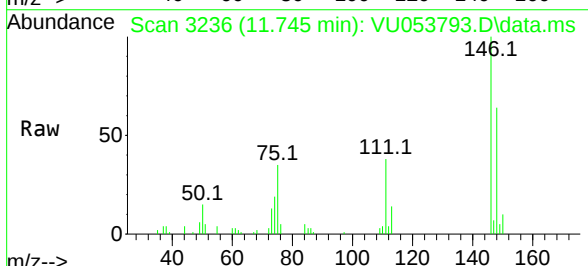
Tgt Ion:146 Resp: 15234

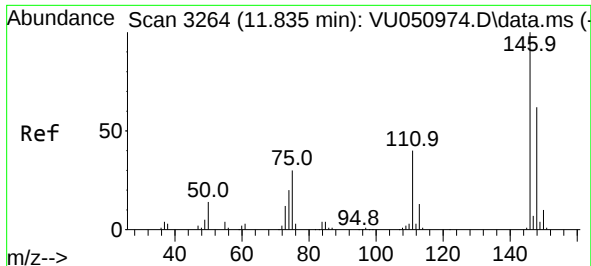
Ion Ratio Lower Upper

146 100

111 38.0 32.6 49.0

148 63.5 51.0 76.4

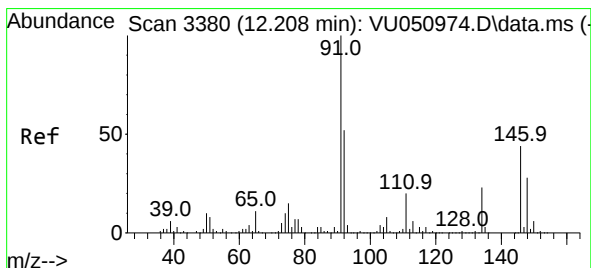
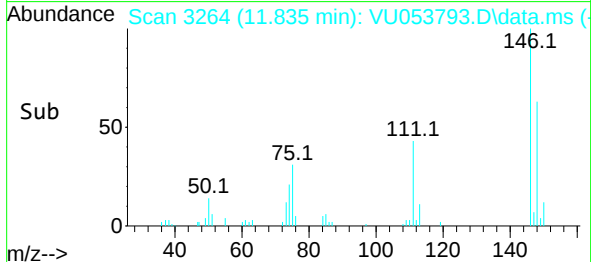
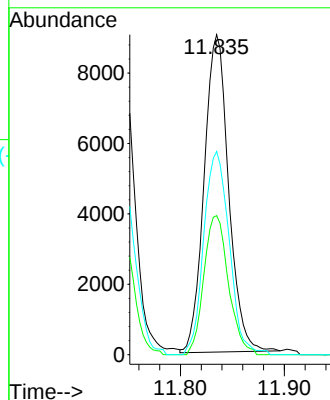
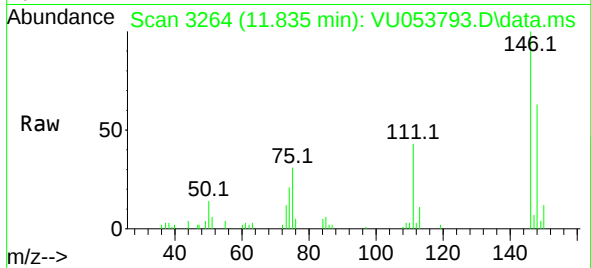




#83
1,4-Dichlorobenzene
Concen: 0.675 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

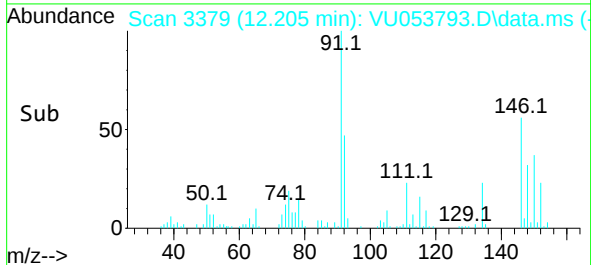
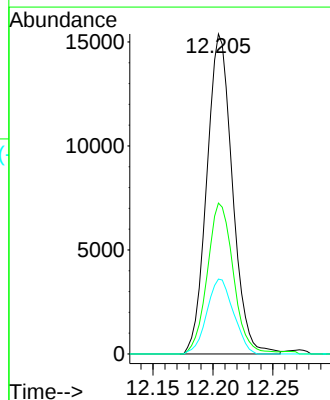
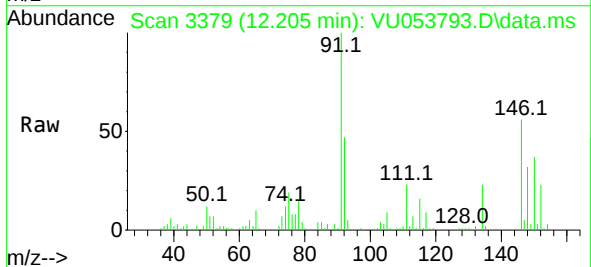
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

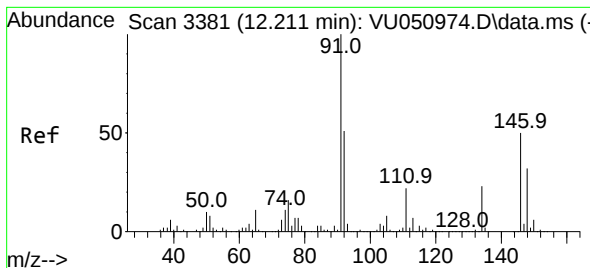
Tgt Ion:146 Resp: 14761
Ion Ratio Lower Upper
146 100
111 44.0 31.6 47.4
148 66.7 50.3 75.5



#84
n-Butylbenzene
Concen: 0.864 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

Tgt Ion: 91 Resp: 22829
Ion Ratio Lower Upper
91 100
92 48.1 40.8 61.2
134 24.3 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 0.737 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

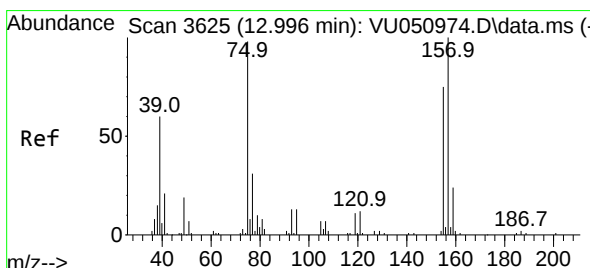
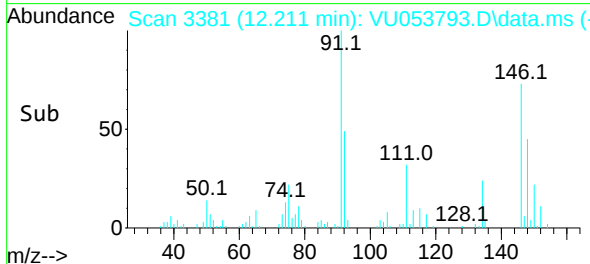
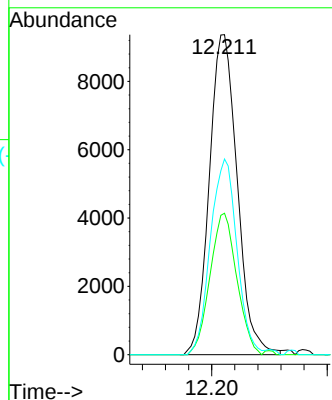
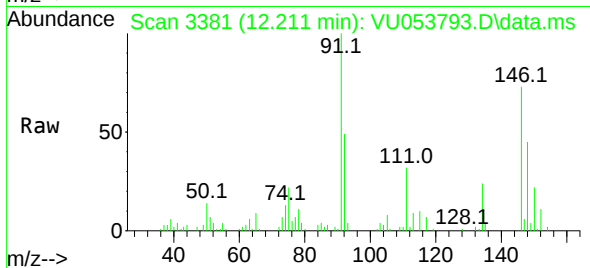
Tgt Ion:146 Resp: 15700

Ion Ratio Lower Upper

146 100

111 42.4 21.6 64.6

148 58.3 32.1 96.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.738 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

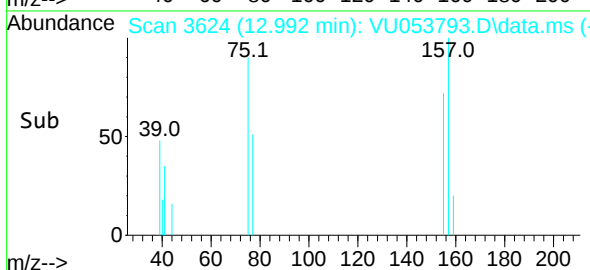
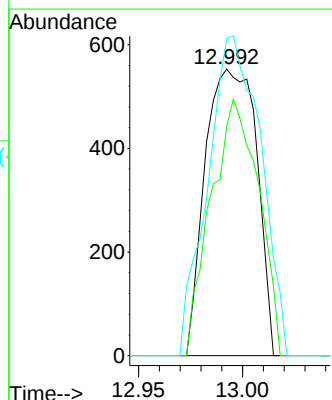
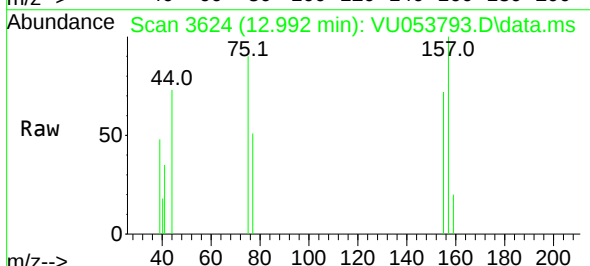
Tgt Ion: 75 Resp: 948

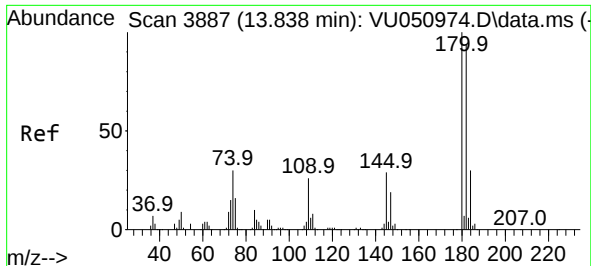
Ion Ratio Lower Upper

75 100

155 83.3 61.8 92.8

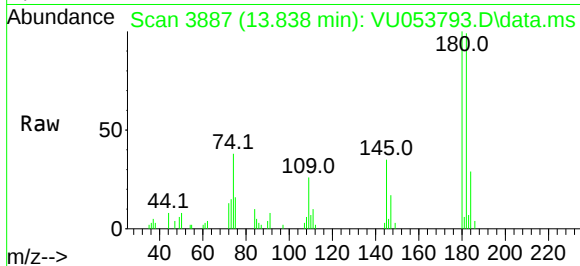
157 115.3 80.2 120.4



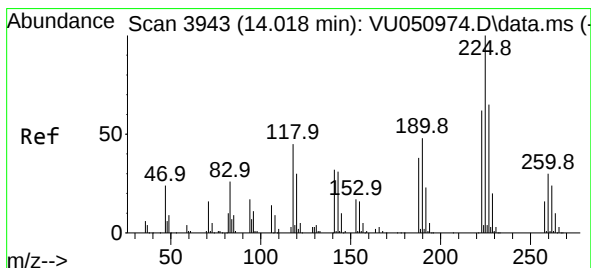
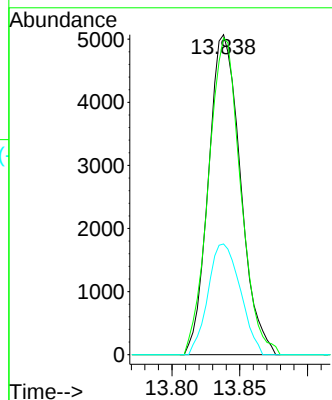
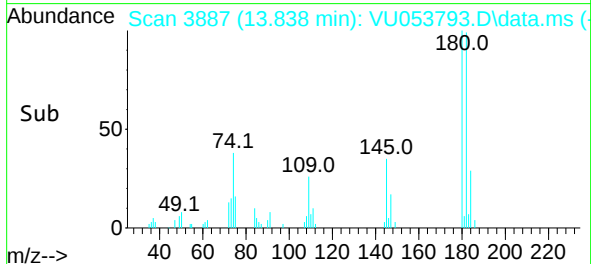


#87
1,2,4-Trichlorobenzene
Concen: 0.591 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16

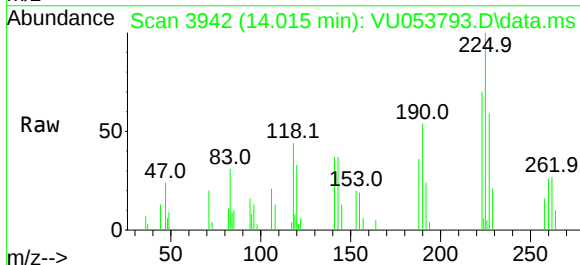
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



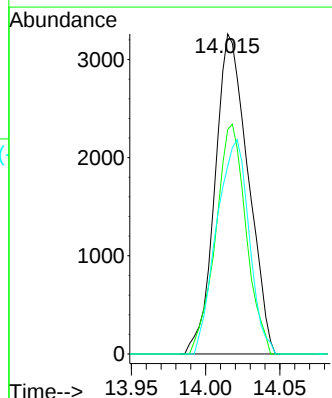
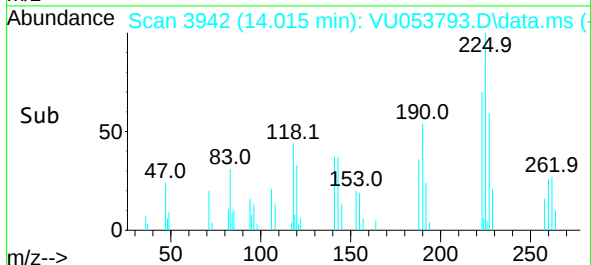
Tgt Ion:180 Resp: 8330
Ion Ratio Lower Upper
180 100
182 99.1 75.8 113.6
145 34.8 23.9 35.9

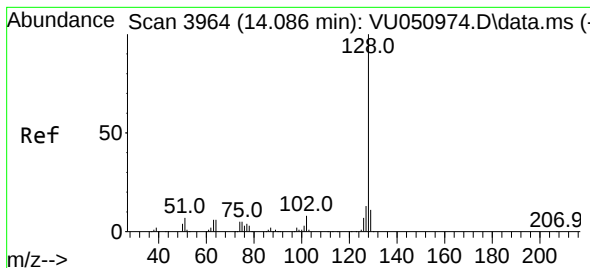


#88
Hexachlorobutadiene
Concen: 0.670 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU053793.D
Acq: 19 Apr 2023 21:16



Tgt Ion:225 Resp: 5036
Ion Ratio Lower Upper
225 100
223 66.3 50.2 75.4
227 66.0 51.5 77.3





#89

Naphthalene

Concen: 0.655 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU053793.D

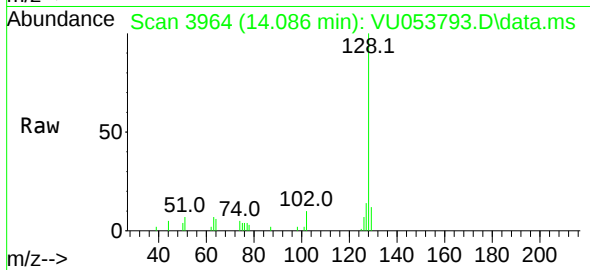
Acq: 19 Apr 2023 21:16

Instrument :

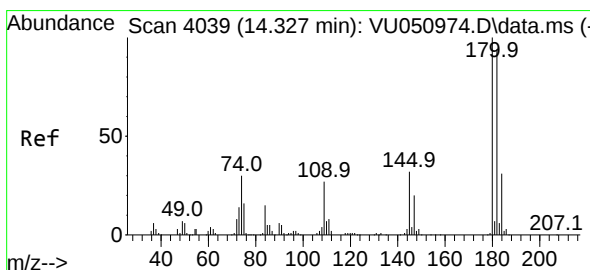
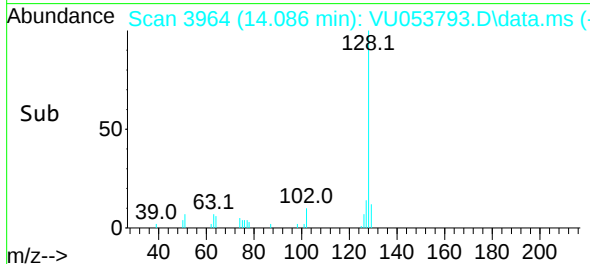
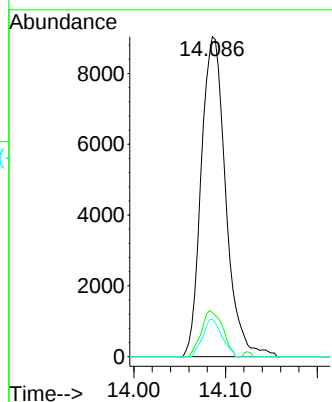
MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:	128	Resp:	16743
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.9	16.3
129	9.2	8.6	12.8



#90

1,2,3-Trichlorobenzene

Concen: 0.619 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU053793.D

Acq: 19 Apr 2023 21:16

Tgt Ion:	180	Resp:	8288
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.7	113.5
145	33.5	26.1	39.1

