

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053157.D
 Acq On : 27 Feb 2023 17:49
 Operator : JC/MD
 Sample : 01627-07 0.4PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 28 04:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 04:06:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	24532	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	9412	0.909	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	7948	0.968	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	1683	0.270	ug/l	85
3) Chloromethane	1.521	50	1990	0.310	ug/l	100
4) Vinyl Chloride	1.604	62	1953	0.286	ug/l	98
5) Bromomethane	1.862	94	1174	0.302	ug/l	85
6) Chloroethane	1.936	64	1249	0.301	ug/l	89
7) Trichlorofluoromethane	2.141	101	2566	0.261	ug/l	91
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	1450	0.236	ug/l #	93
9) 1,1-Dichloroethene	2.582	96	1446	0.271	ug/l	96
10) Iodomethane	2.723	142	1252	0.228	ug/l	91
11) Allyl Chloride	2.926	41	3025	0.363	ug/l	89
12) Acrylonitrile	3.315	53	837	0.612	ug/l #	86
13) Acetone	2.636	43	1164	0.595	ug/l	99
14) Carbon Disulfide	2.791	76	3652	0.298	ug/l	100
15) Methylene Chloride	3.045	84	3988	0.522	ug/l #	83
16) trans-1,2-Dichloroethene	3.353	96	1802	0.307	ug/l	92
17) 1,1-Dichloroethane	3.868	63	3834	0.299	ug/l #	85
18) 2-Butanone	4.714	43	2495	1.063	ug/l	87
19) Cyclohexane	5.386	56	2483	0.242	ug/l	92
20) Methylcyclohexane	6.755	83	2801	0.285	ug/l	96
21) 2,2-Dichloropropane	4.662	77	3842	0.341	ug/l #	84
22) cis-1,2-Dichloroethene	4.662	96	1993	0.275	ug/l	92
23) Diethyl Ether	2.379	59	1139	0.261	ug/l #	69
24) tert-Butyl Alcohol	3.199	59	462	0.900	ug/l #	71
25) Methyl tert-Butyl Ether	3.363	73	4330	0.279	ug/l #	70
26) Bromochloromethane	4.974	128	727	0.260	ug/l	92
27) Chloroform	5.083	83	3919	0.296	ug/l	90
28) 1,1,1-Trichloroethane	5.312	97	3040	0.273	ug/l	94
29) 1,1-Dichloropropene	5.517	75	2172	0.261	ug/l #	88
30) Carbon Tetrachloride	5.514	117	2090	0.273	ug/l #	83
31) Isopropyl Ether	4.000	45	5642	0.275	ug/l	95
32) Ethyl-t-butyl ether	4.508	59	5303	0.273	ug/l	100
33) Tert-Amyl methyl ether	5.945	73	4336	0.281	ug/l #	95
34) Propionitrile	4.794	54	1106	2.026	ug/l #	75
35) Benzene	5.771	78	7081	0.288	ug/l	97
36) 1,2-Dichloroethane	5.797	62	2316	0.315	ug/l #	84
37) Trichloroethene	6.543	130	1548	0.274	ug/l	82
38) 1,2-Dichloropropane	6.791	63	2013	0.283	ug/l	91
39) Methacrylonitrile	4.977	41	684	0.294	ug/l #	53
40) Methyl acrylate	4.858	55	741	0.206	ug/l #	47
41) Tetrahydrofuran	5.058	42	424	0.371	ug/l #	51
42) 1-Chlorobutane	5.453	56	3292	0.284	ug/l	90
43) Dibromomethane	6.919	93	785	0.249	ug/l	92
44) Bromodichloromethane	7.106	83	2566	0.298	ug/l #	98

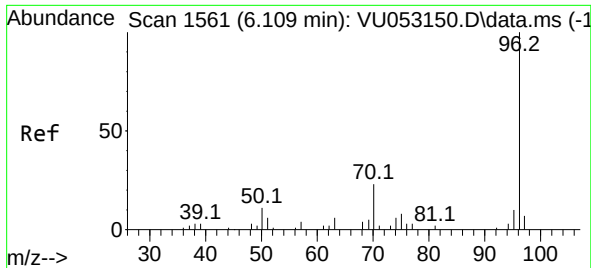
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 04:06:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	5958	1.549	ug/l	97
46) t-1,4-Dichloro-2-butene	10.823	75	2237	1.154	ug/l #	53
47) Methyl methacrylate	6.967	69	1888	0.582	ug/l	93
48) Ethyl methacrylate	8.337	69	1905	0.286	ug/l	89
49) Toluene	7.967	92	4343	0.287	ug/l	100
50) t-1,3-Dichloropropene	8.212	75	2474	0.295	ug/l	99
51) cis-1,3-Dichloropropene	7.607	75	2743	0.270	ug/l	95
52) 1,1,2-Trichloroethane	8.402	97	1140	0.246	ug/l	94
53) 1,3-Dichloropropane	8.572	76	2617	0.315	ug/l	100
54) 2-Hexanone	8.694	43	4309	1.315	ug/l	92
55) Dibromochloromethane	8.810	129	1491	0.282	ug/l	87
56) 1,2-Dibromoethane	8.922	107	1208	0.294	ug/l	94
58) Tetrachloroethene	8.553	164	1174	0.261	ug/l	93
59) Chlorobenzene	9.446	112	4891	0.289	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.533	131	1430	0.256	ug/l	93
61) Pentachloroethane	11.421	117	1273	0.262	ug/l	93
62) Hexachloroethane	12.469	117	1151	0.215	ug/l	97
63) Ethyl Benzene	9.569	91	8936	0.286	ug/l	97
64) m/p-Xylenes	9.691	106	6185	0.546	ug/l	93
65) o-Xylene	10.099	106	3192	0.276	ug/l	99
66) Styrene	10.112	104	5338	0.291	ug/l	97
67) Bromoform	10.289	173	505	0.197	ug/l #	79
69) Isopropylbenzene	10.482	105	8748	0.282	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	2058	0.330	ug/l #	93
71) 1,2,3-Trichloropropane	10.823	75	2237	0.417	ug/l	74
72) Bromobenzene	10.784	156	1687	0.281	ug/l	89
73) n-propylbenzene	10.906	120	2171	0.264	ug/l	91
74) 2-Chlorotoluene	10.983	126	1925	0.283	ug/l	79
75) 1,3,5-Trimethylbenzene	11.086	105	6598	0.256	ug/l	90
76) 4-Chlorotoluene	11.099	126	2111	0.295	ug/l	95
77) tert-Butylbenzene	11.417	119	6749	0.267	ug/l	97
78) 1,2,4-Trimethylbenzene	11.466	105	7211	0.274	ug/l	98
79) sec-Butylbenzene	11.643	105	9585	0.273	ug/l	94
80) Nitrobenzene	13.215	77	195	0.598	ug/l #	68
81) p-Isopropyltoluene	11.790	119	6934	0.250	ug/l #	93
82) 1,3-Dichlorobenzene	11.742	146	3627	0.275	ug/l	95
83) 1,4-Dichlorobenzene	11.832	146	4184	0.310	ug/l	92
84) n-Butylbenzene	12.205	91	8254	0.287	ug/l	97
85) 1,2-Dichlorobenzene	12.212	146	3554	0.282	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.996	75	137	0.140	ug/l #	86
87) 1,2,4-Trichlorobenzene	13.842	180	2265	0.293	ug/l	92
88) Hexachlorobutadiene	14.019	225	1029	0.273	ug/l	87
89) Naphthalene	14.089	128	5633	0.343	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	2259	0.332	ug/l	99

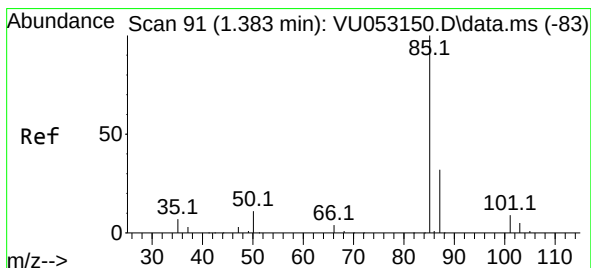
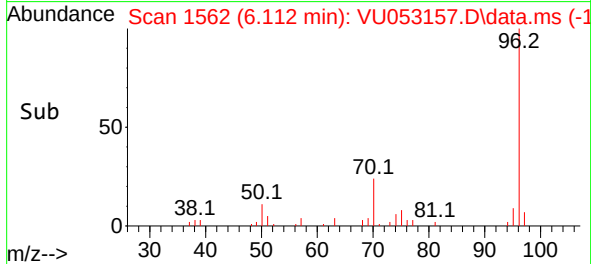
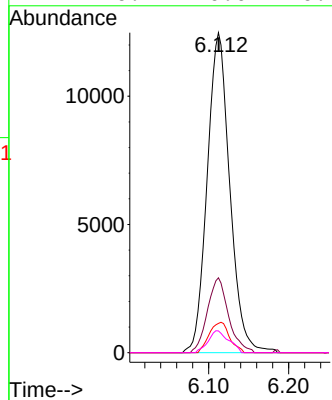
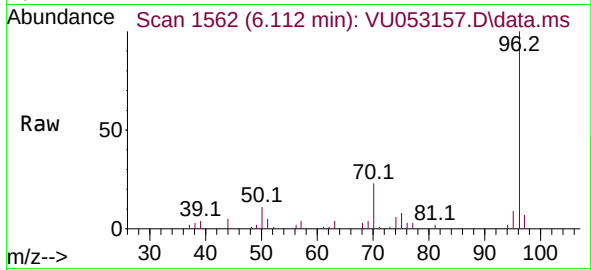
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 11
Delta R.T. 0.003 min
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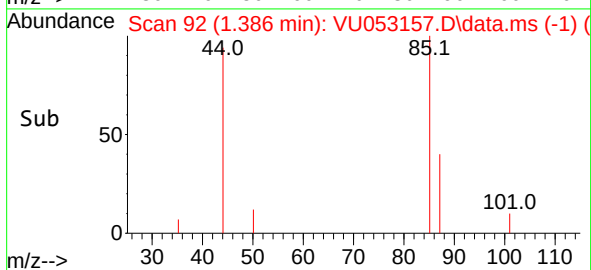
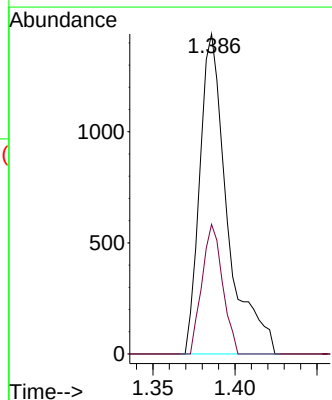
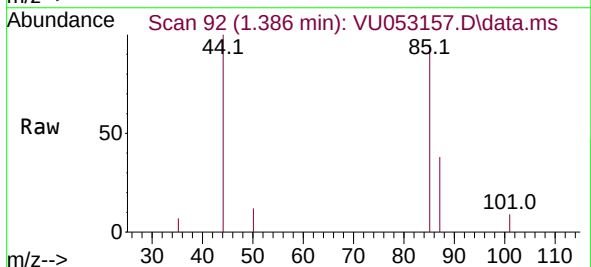
Instrument :
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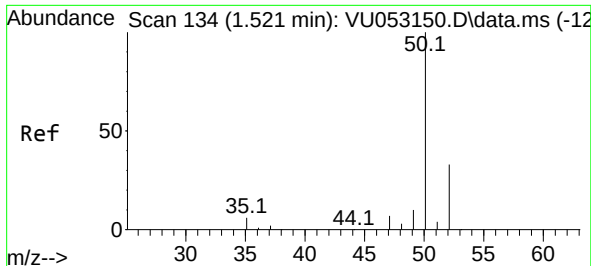
Tgt Ion: 96	Resp: 24532
Ion Ratio	Lower Upper
96	100
70	21.9 15.5 23.3
95	8.5 7.0 10.6
97	6.2 0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.270 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 85	Resp: 1683
Ion Ratio	Lower Upper
85	100
87	40.5 16.1 48.2

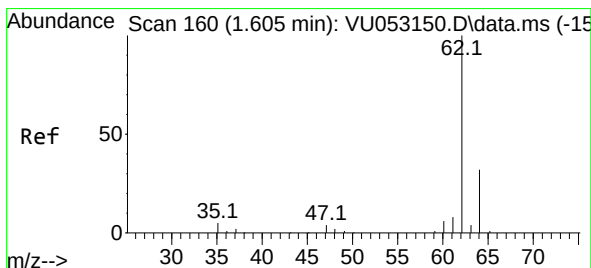
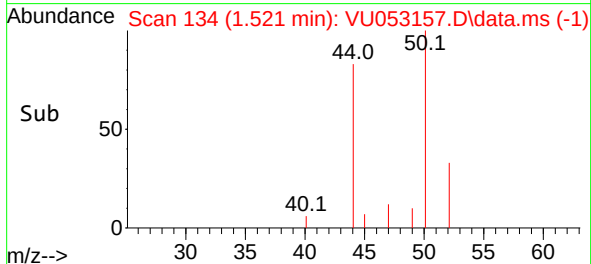
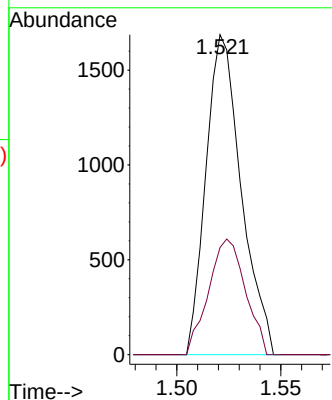
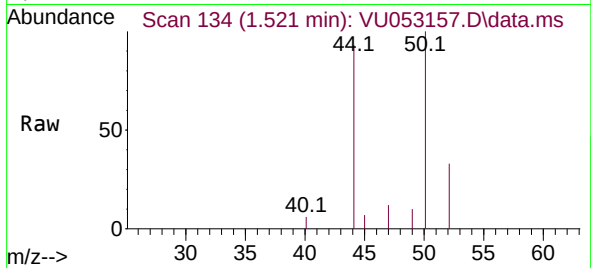




#3
Chloromethane
Concen: 0.310 ug/l
RT: 1.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

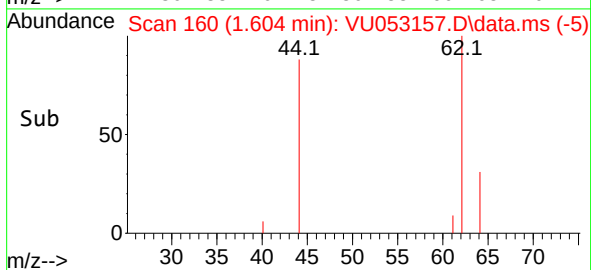
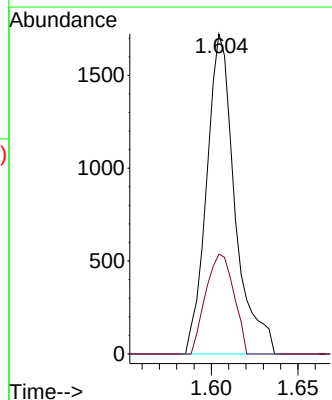
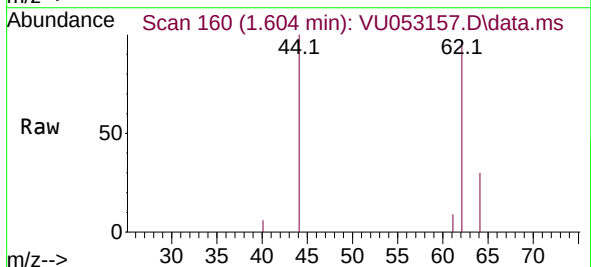
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

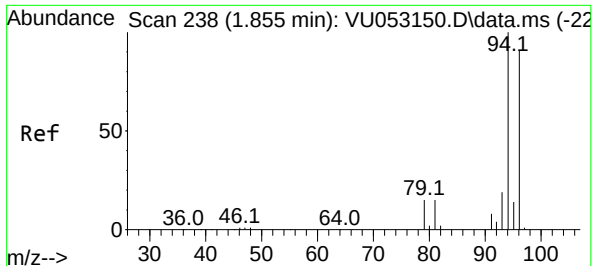
Tgt Ion: 50 Resp: 1990
Ion Ratio Lower Upper
50 100
52 33.5 26.7 40.1



#4
Vinyl Chloride
Concen: 0.286 ug/l
RT: 1.604 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 62 Resp: 1953
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6

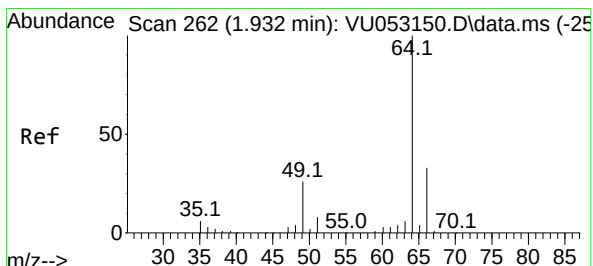
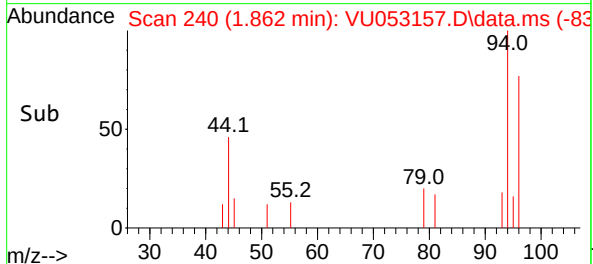
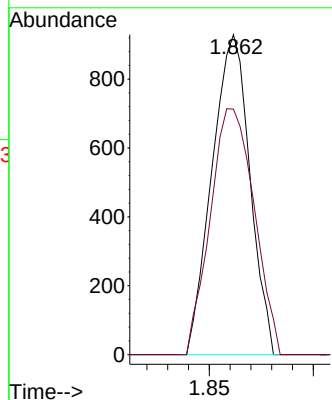
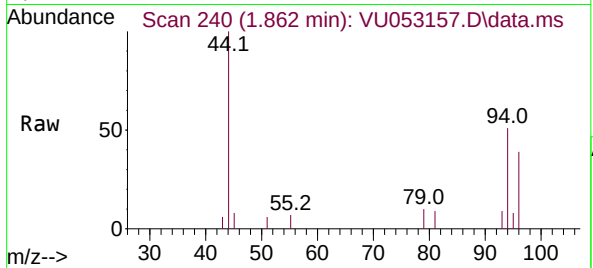




#5
Bromomethane
Concen: 0.302 ug/l
RT: 1.862 min Scan# 240
Delta R.T. 0.006 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

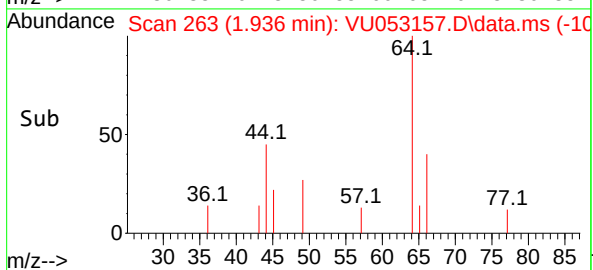
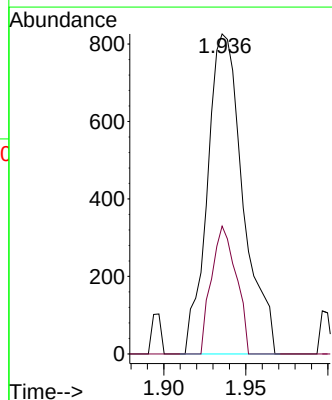
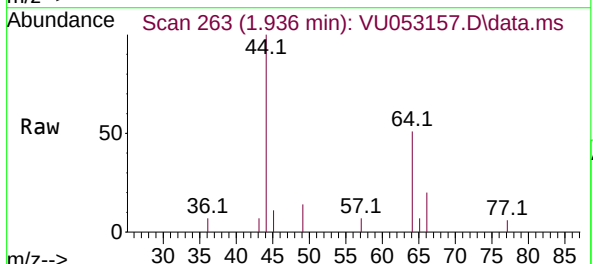
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ClientSampleId :
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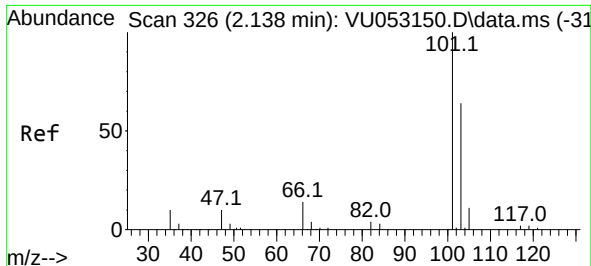
Tgt Ion: 94 Resp: 1174
Ion Ratio Lower Upper
94 100
96 76.7 72.6 108.8



#6
Chloroethane
Concen: 0.301 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 64 Resp: 1249
Ion Ratio Lower Upper
64 100
66 40.0 26.8 40.2

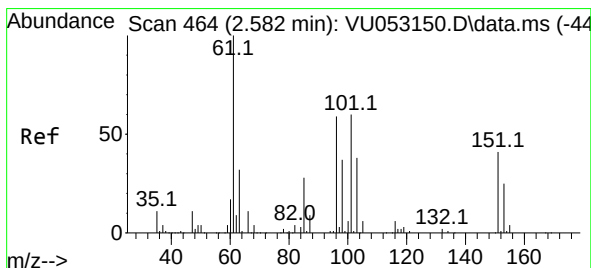
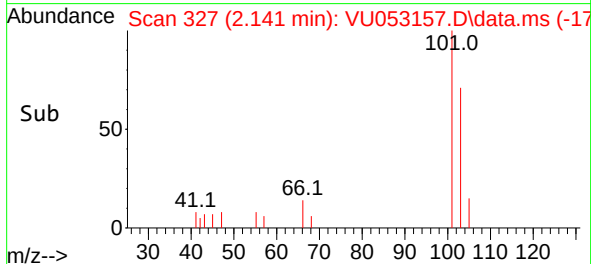
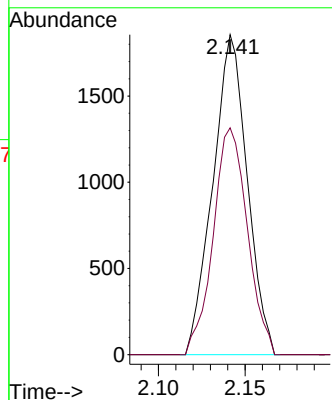
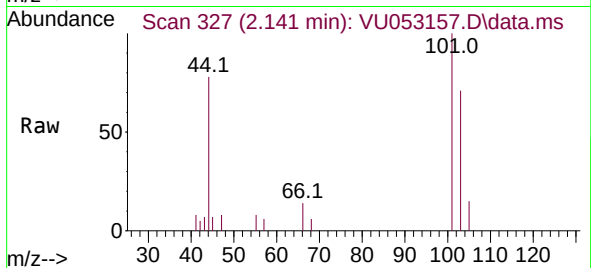




#7
Trichlorofluoromethane
Concen: 0.261 ug/l
RT: 2.141 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

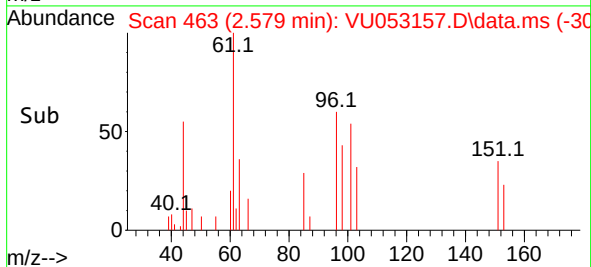
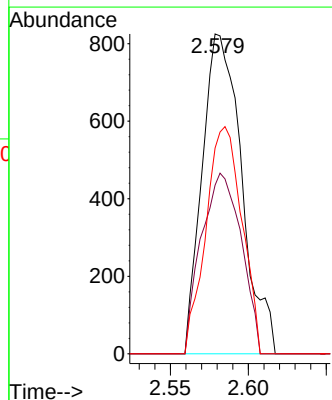
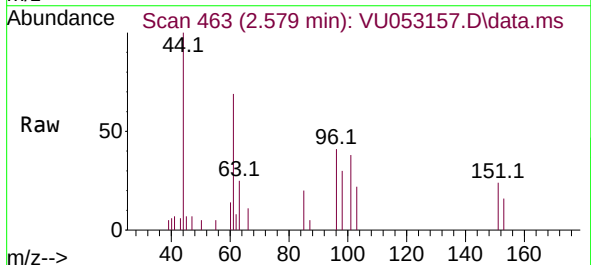
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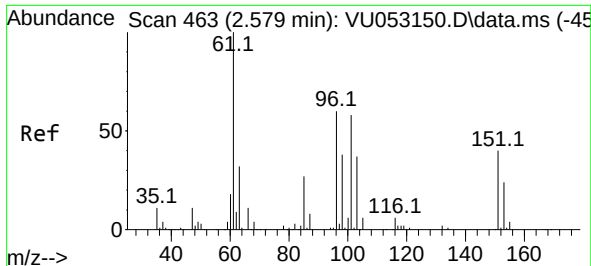
Tgt Ion:101 Resp: 2566
Ion Ratio Lower Upper
101 100
103 70.9 51.2 76.8



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.236 ug/l
RT: 2.579 min Scan# 463
Delta R.T. -0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion:101 Resp: 1450
Ion Ratio Lower Upper
101 100
85 57.2 37.3 55.9#
151 65.0 52.4 78.6

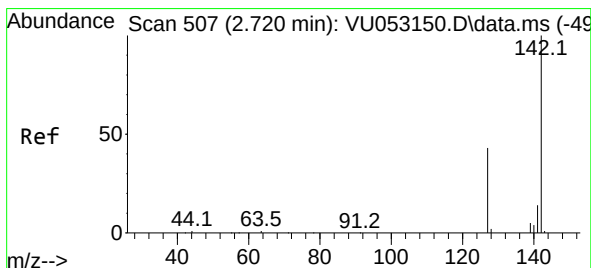
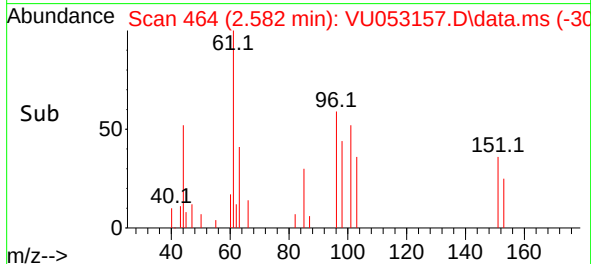
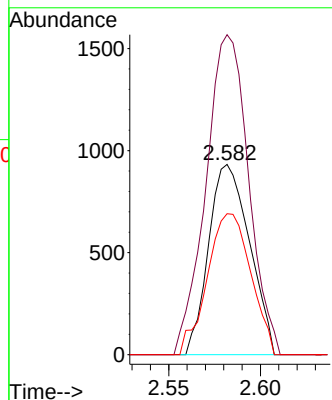
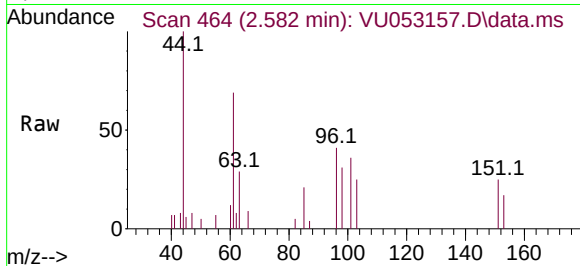




#9
1,1-Dichloroethene
Concen: 0.271 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

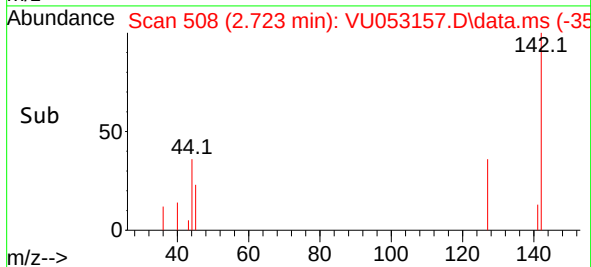
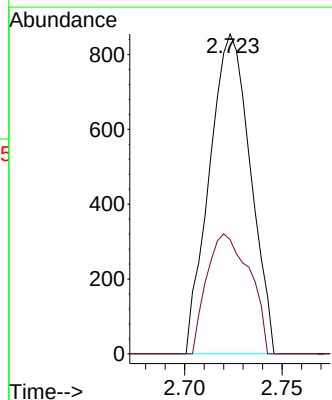
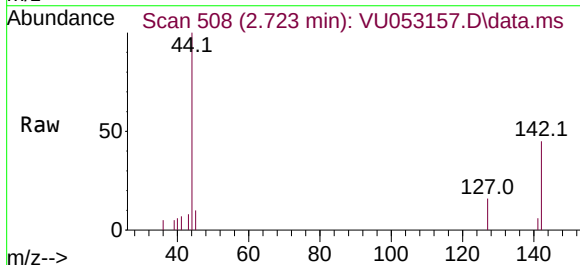
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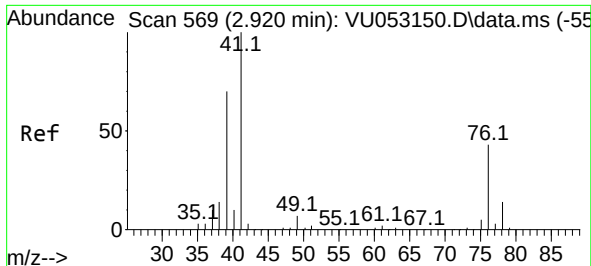
Tgt Ion: 96 Resp: 1446
Ion Ratio Lower Upper
96 100
61 168.2 0.0 502.5
98 74.1 0.0 126.2



#10
Iodomethane
Concen: 0.228 ug/l
RT: 2.723 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 142 Resp: 1252
Ion Ratio Lower Upper
142 100
127 39.1 35.8 53.8

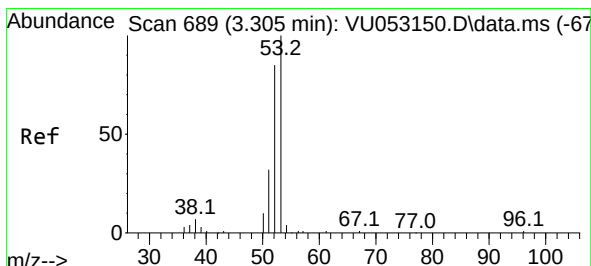
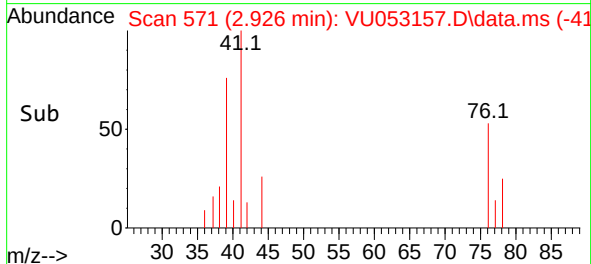
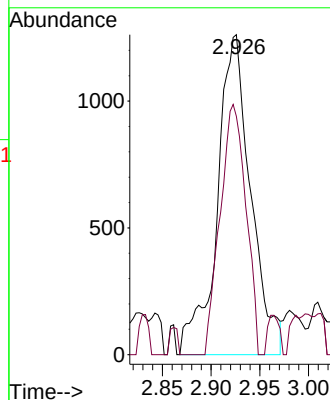
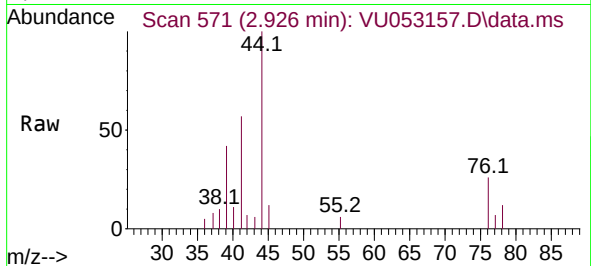




#11
 Allyl Chloride
 Concen: 0.363 ug/l
 RT: 2.926 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VU053157.D
 Acq: 27 Feb 2023 17:49

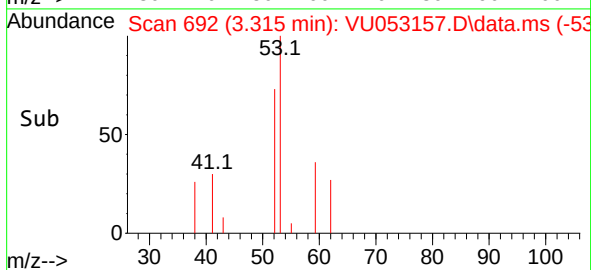
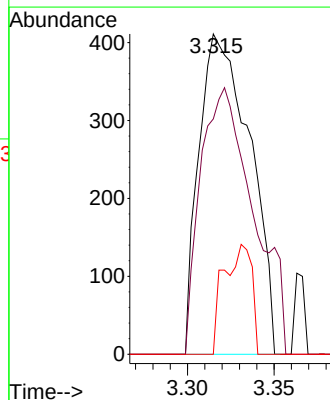
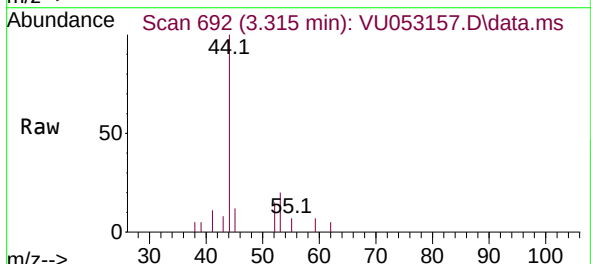
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

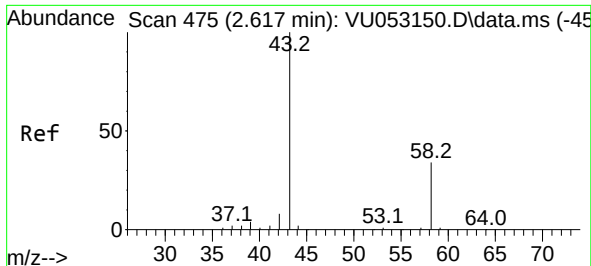
Tgt Ion: 41 Resp: 3025
 Ion Ratio Lower Upper
 41 100
 39 59.9 55.3 82.9



#12
 Acrylonitrile
 Concen: 0.612 ug/l
 RT: 3.315 min Scan# 692
 Delta R.T. 0.009 min
 Lab File: VU053157.D
 Acq: 27 Feb 2023 17:49

Tgt Ion: 53 Resp: 837
 Ion Ratio Lower Upper
 53 100
 52 86.5 65.9 98.9
 51 18.8 31.8 47.8#





#13

Acetone

Concen: 0.595 ug/l

RT: 2.636 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

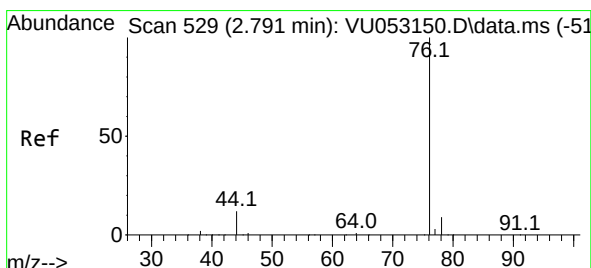
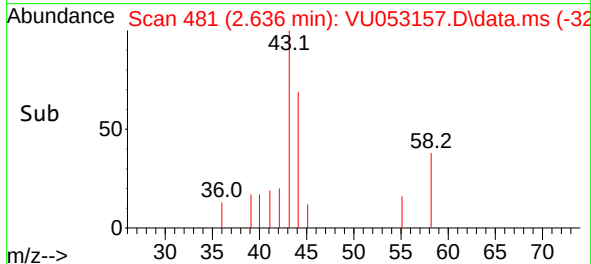
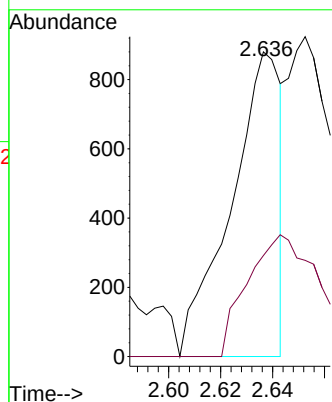
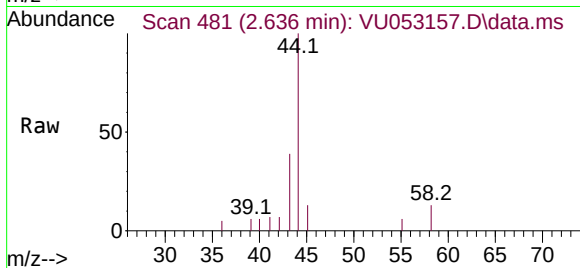
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 1164

Ion Ratio Lower Upper

43 100

58 33.2 27.2 40.8



#14

Carbon Disulfide

Concen: 0.298 ug/l

RT: 2.791 min Scan# 529

Delta R.T. -0.000 min

Lab File: VU053157.D

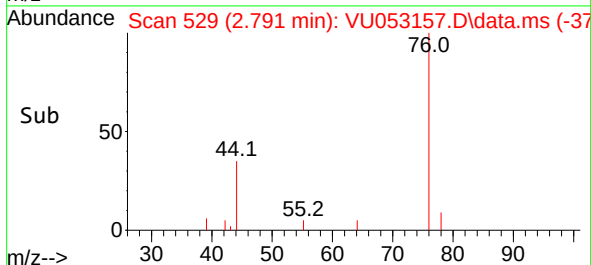
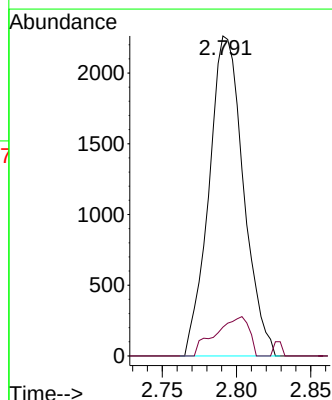
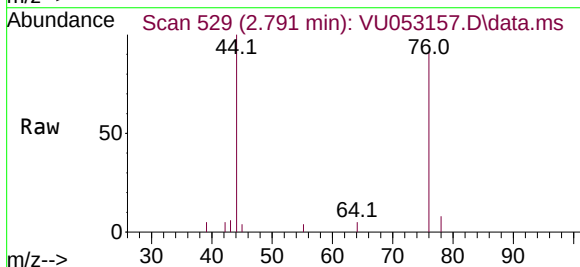
Acq: 27 Feb 2023 17:49

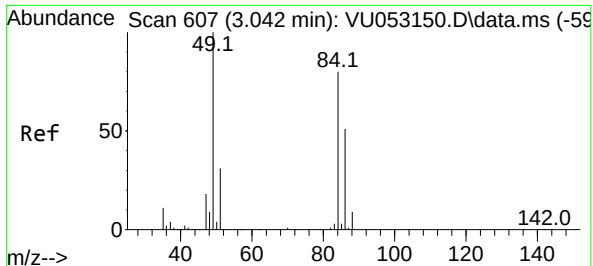
Tgt Ion: 76 Resp: 3652

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

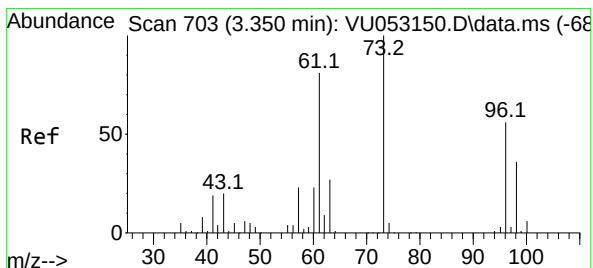
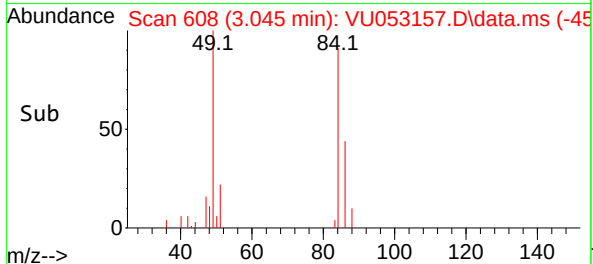
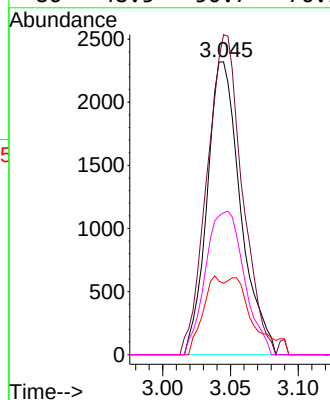
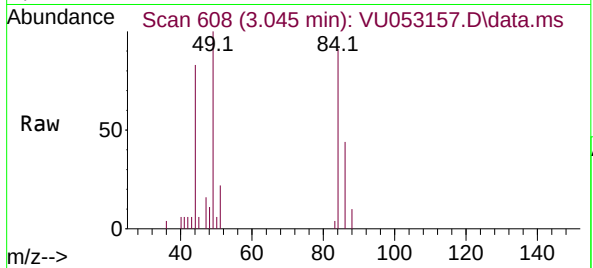




#15
Methylene Chloride
Concen: 0.522 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

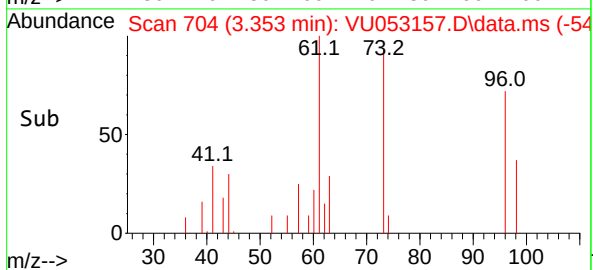
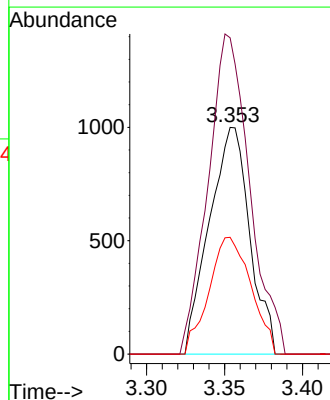
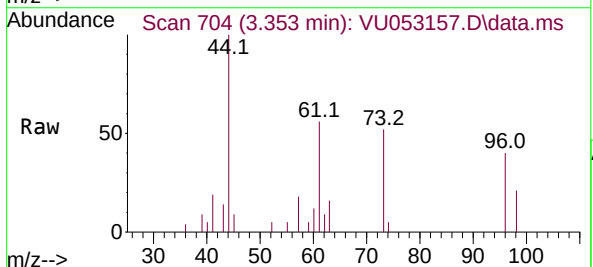
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

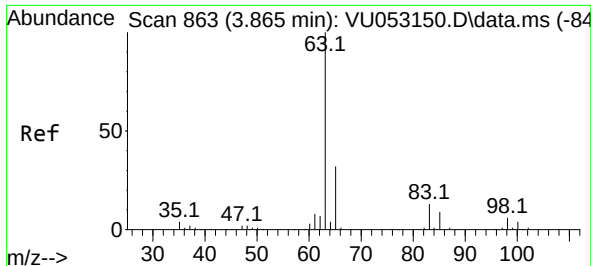
Tgt Ion: 84	Resp: 3988
Ion Ratio	Lower Upper
84 100	
49 109.3	99.5 149.3
51 24.4	0.0 76.8
86 48.5	50.7 76.1#



#16
trans-1,2-Dichloroethene
Concen: 0.307 ug/l
RT: 3.353 min Scan# 704
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 96	Resp: 1802
Ion Ratio	Lower Upper
96 100	
61 139.5	116.1 174.1
98 51.5	51.4 77.2

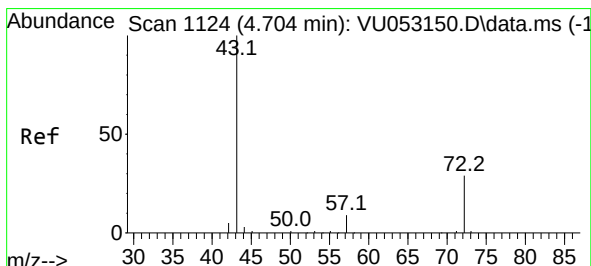
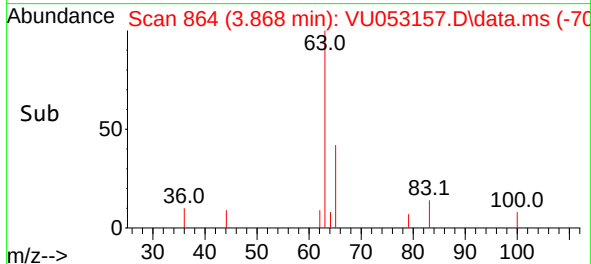
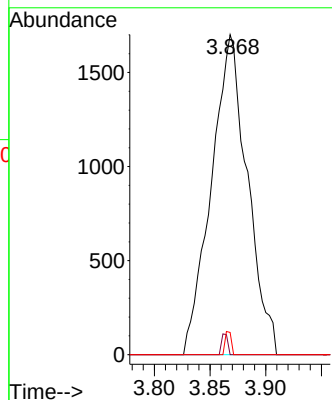
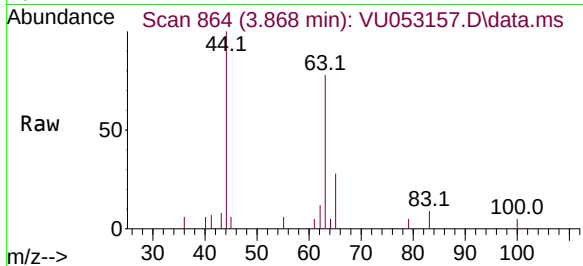




#17
1,1-Dichloroethane
Concen: 0.299 ug/l
RT: 3.868 min Scan# 864
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

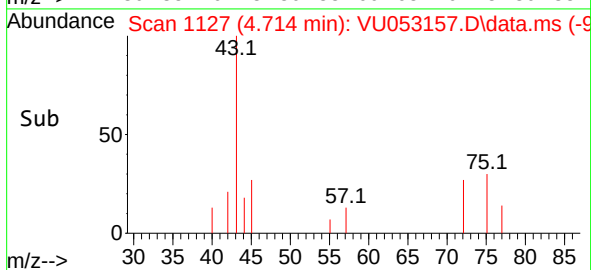
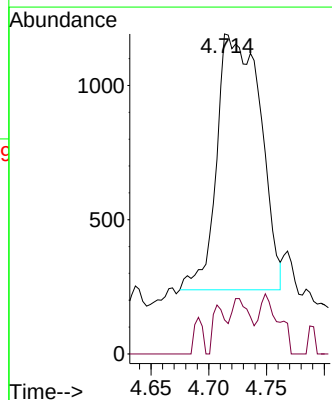
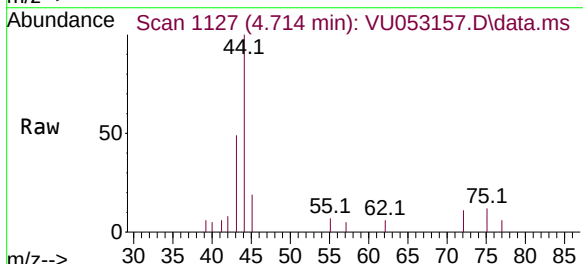
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

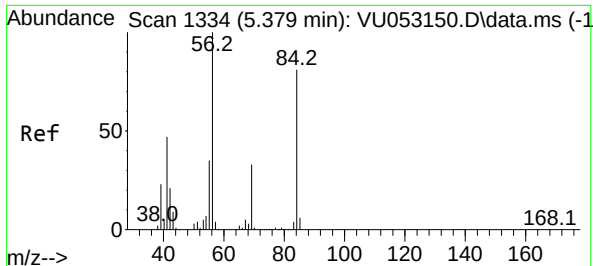
Tgt Ion: 63 Resp: 3834
Ion Ratio Lower Upper
63 100
98 0.0 3.1 9.4#
100 6.9 2.1 6.2#



#18
2-Butanone
Concen: 1.063 ug/l
RT: 4.714 min Scan# 1127
Delta R.T. 0.009 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 43 Resp: 2495
Ion Ratio Lower Upper
43 100
57 13.3 0.0 17.6





#19

Cyclohexane

Concen: 0.242 ug/l

RT: 5.386 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU053157.D

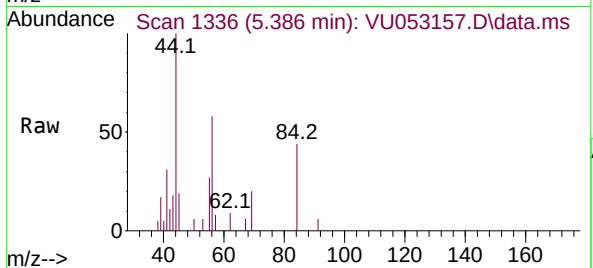
Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



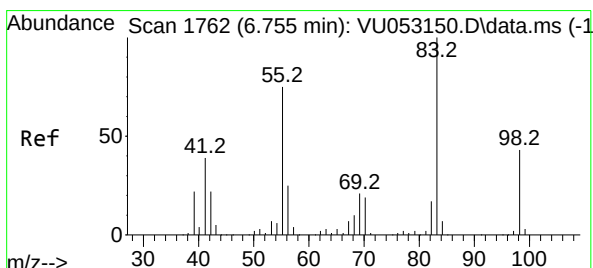
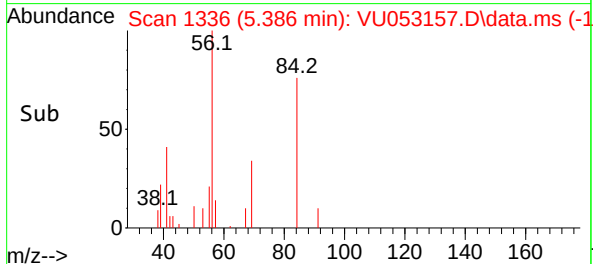
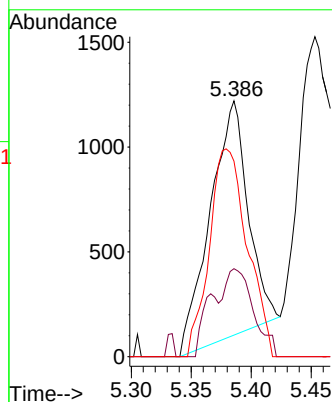
Tgt Ion: 56 Resp: 2483

Ion Ratio Lower Upper

56 100

69 28.8 26.1 39.1

84 87.9 64.7 97.1



#20

Methylcyclohexane

Concen: 0.285 ug/l

RT: 6.755 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

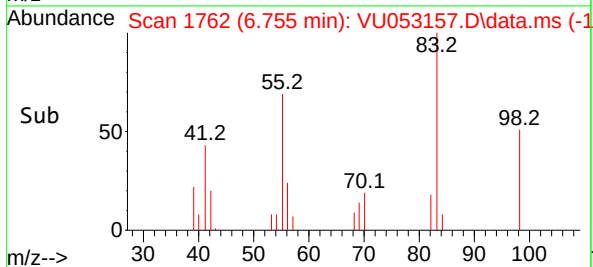
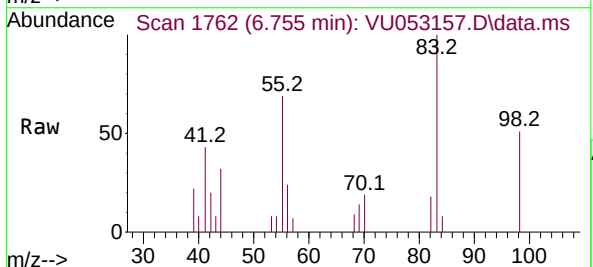
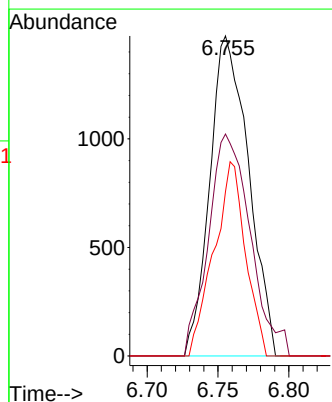
Tgt Ion: 83 Resp: 2801

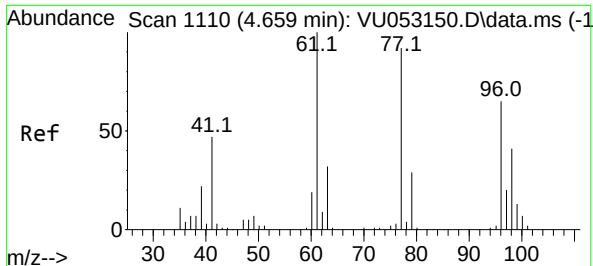
Ion Ratio Lower Upper

83 100

55 75.0 60.2 90.2

98 49.6 33.9 50.9





#21

2,2-Dichloropropane

Concen: 0.341 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

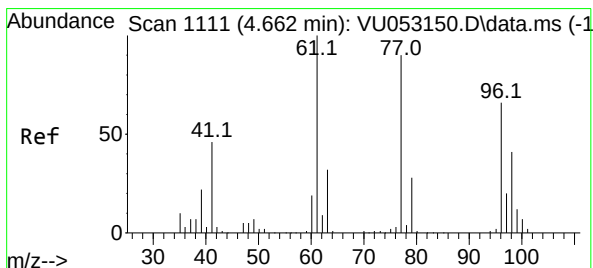
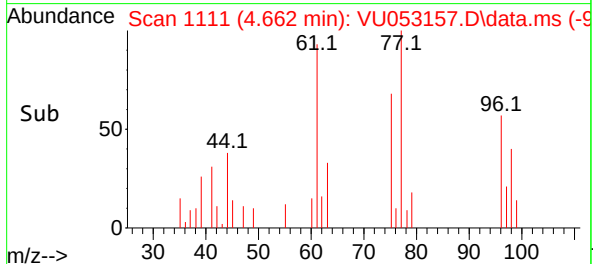
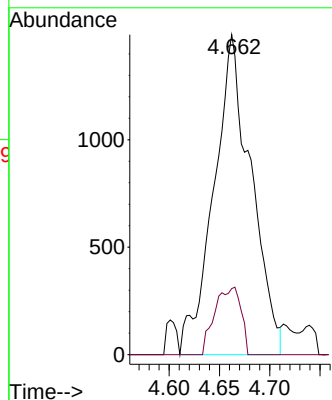
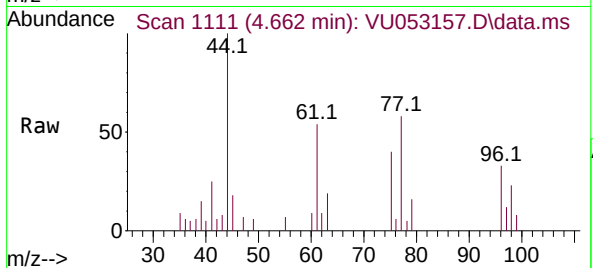
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 77 Resp: 3842

Ion Ratio Lower Upper

77 100

97 14.8 17.9 26.9#



#22

cis-1,2-Dichloroethene

Concen: 0.275 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

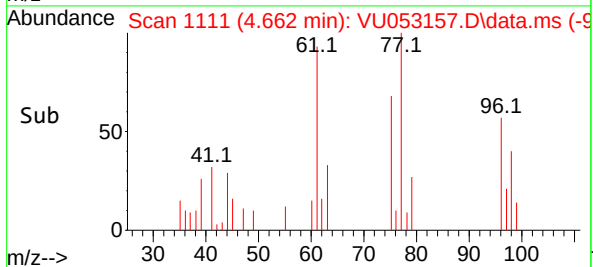
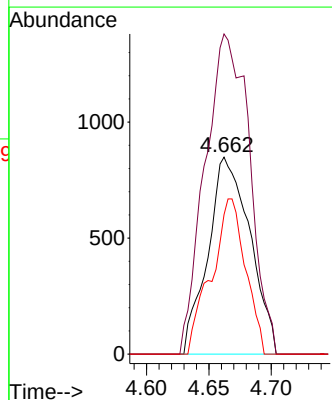
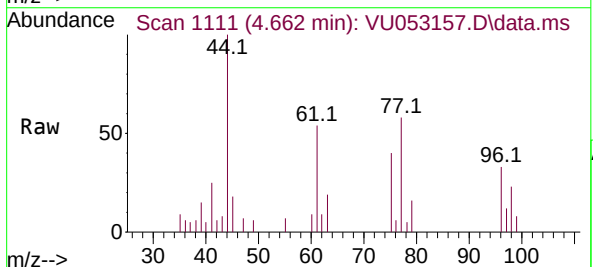
Tgt Ion: 96 Resp: 1993

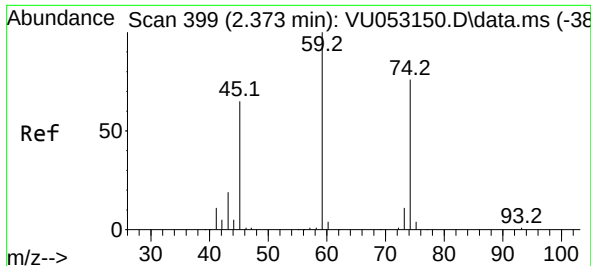
Ion Ratio Lower Upper

96 100

61 171.6 0.0 390.5

98 64.0 31.9 95.9

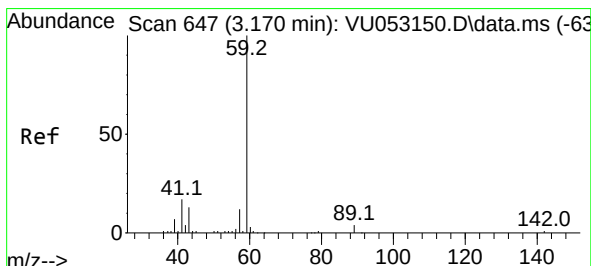
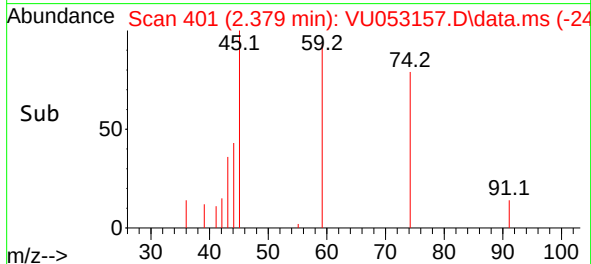
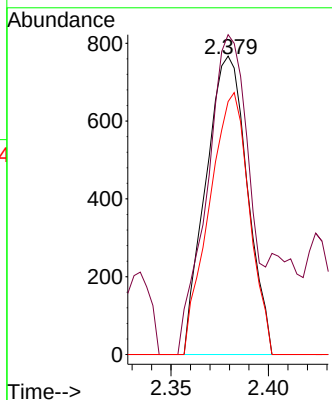
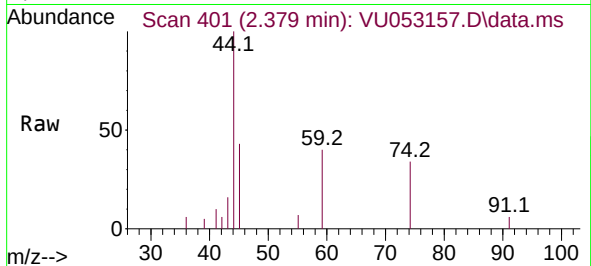




#23
Diethyl Ether
Concen: 0.261 ug/l
RT: 2.379 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

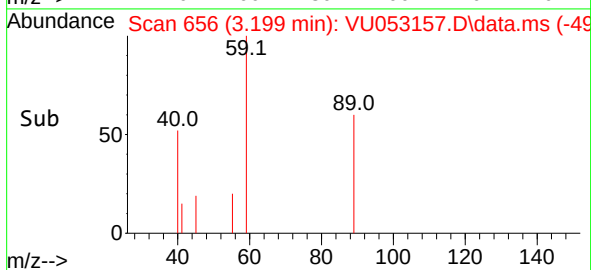
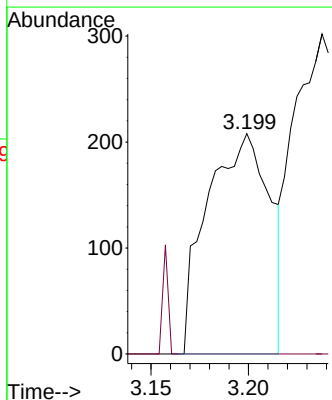
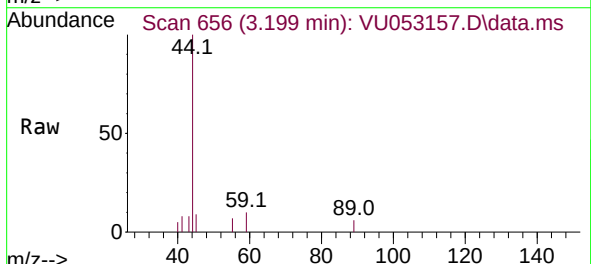
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

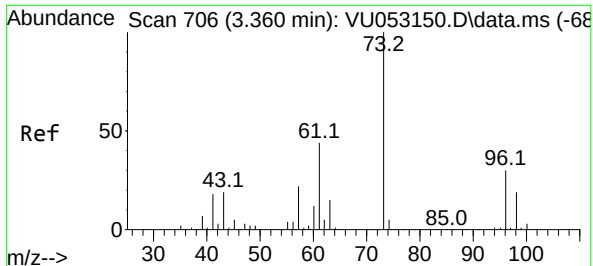
Tgt Ion: 59 Resp: 1139
Ion Ratio Lower Upper
59 100
45 110.2 54.2 81.2#
74 84.6 60.4 90.6



#24
tert-Butyl Alcohol
Concen: 0.900 ug/l
RT: 3.199 min Scan# 656
Delta R.T. 0.029 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 59 Resp: 462
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

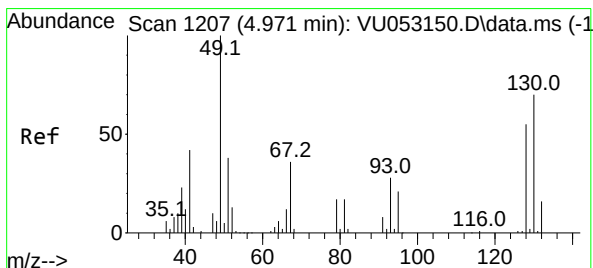
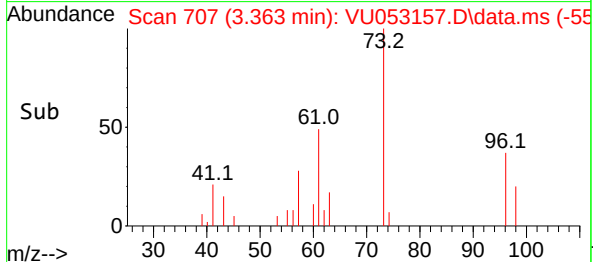
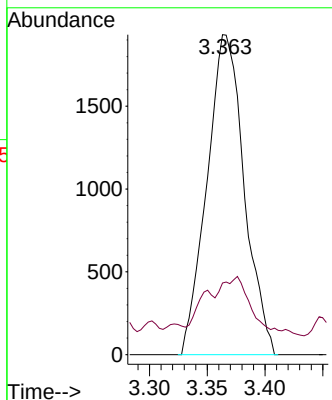
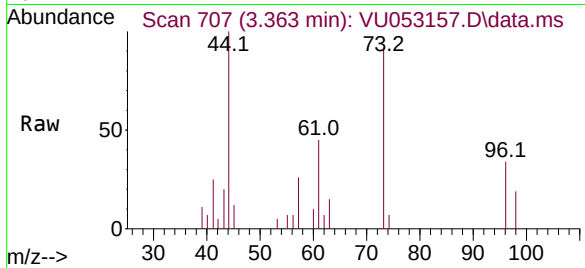




#25
Methyl tert-Butyl Ether
Concen: 0.279 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

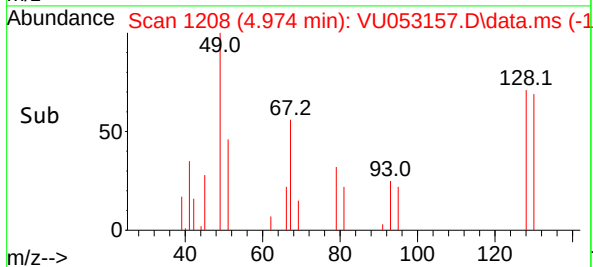
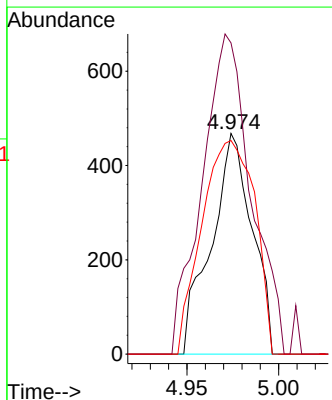
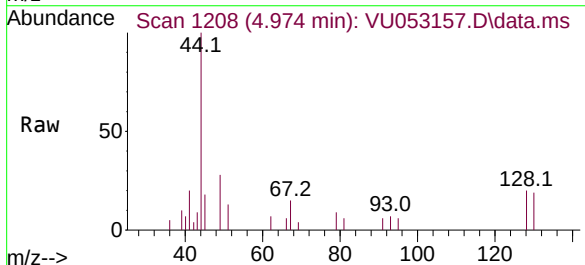
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

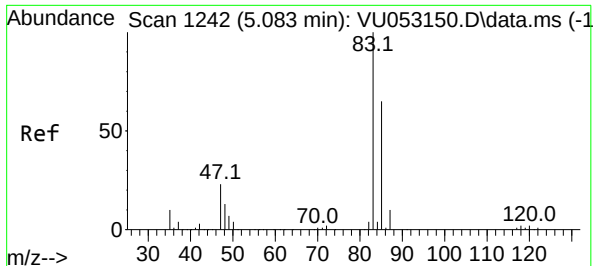
Tgt Ion: 73 Resp: 4330
Ion Ratio Lower Upper
73 100
43 5.2 15.0 22.6#



#26
Bromochloromethane
Concen: 0.260 ug/l
RT: 4.974 min Scan# 1208
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion:128 Resp: 727
Ion Ratio Lower Upper
128 100
49 173.7 0.0 376.8
130 125.3 104.8 157.2





#27

Chloroform

Concen: 0.296 ug/l

RT: 5.083 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

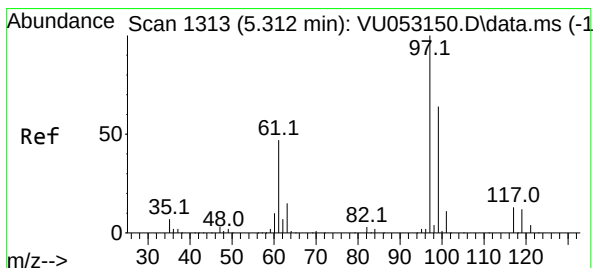
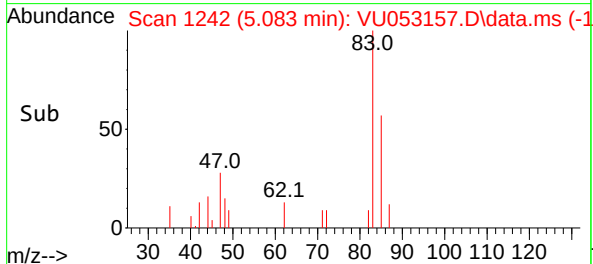
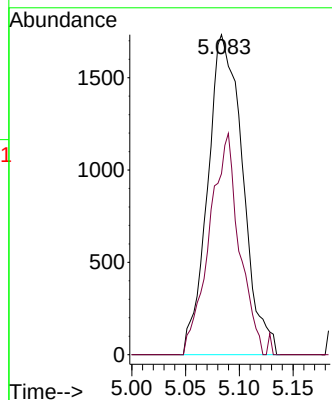
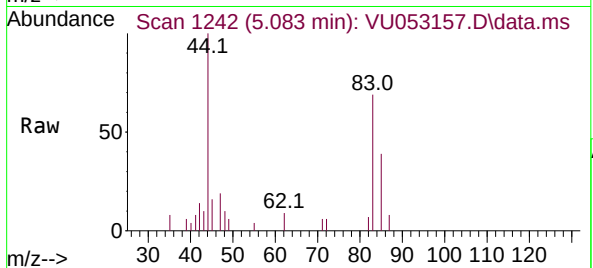
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 3919

Ion Ratio Lower Upper

83 100

85 56.5 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 0.273 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

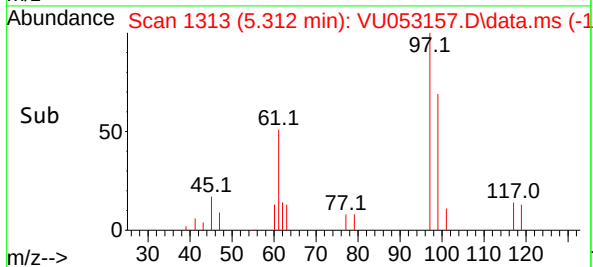
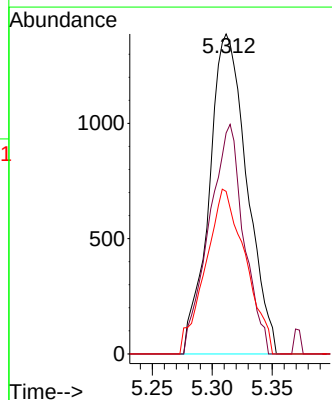
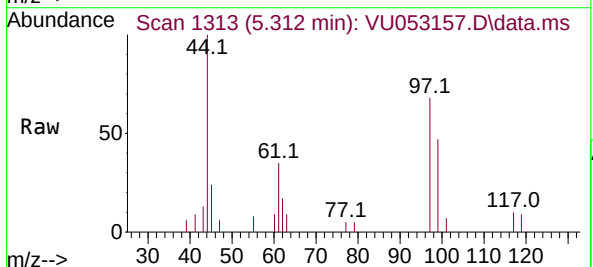
Tgt Ion: 97 Resp: 3040

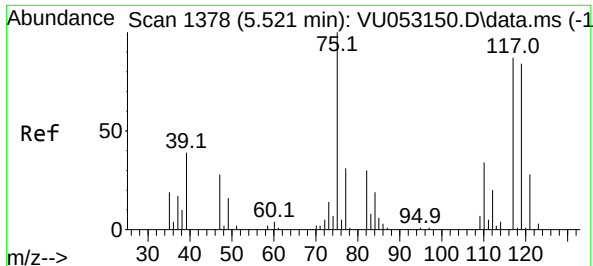
Ion Ratio Lower Upper

97 100

99 66.1 31.6 94.8

61 54.4 23.9 71.7





#29

1,1-Dichloropropene

Concen: 0.261 ug/l

RT: 5.517 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

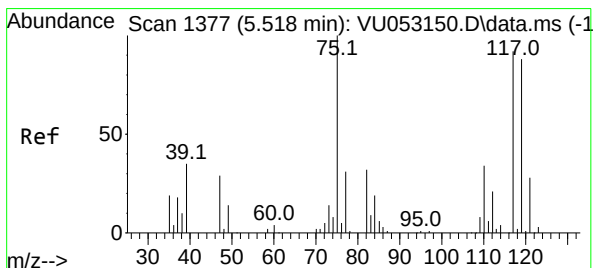
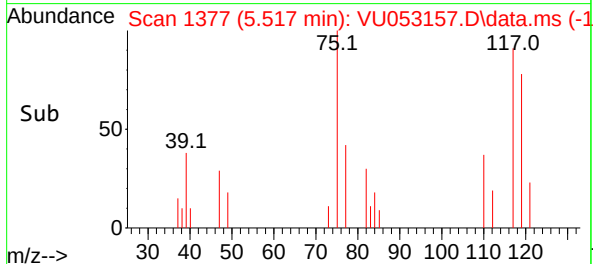
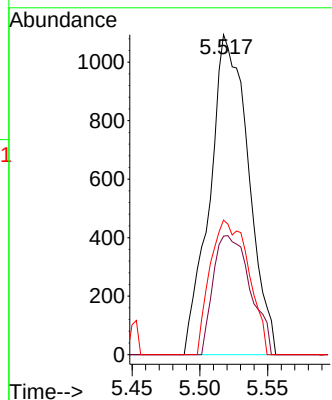
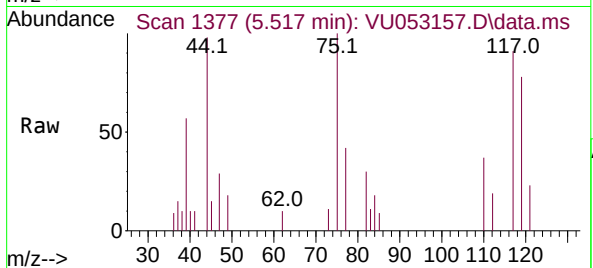
Tgt Ion: 75 Resp: 2172

Ion Ratio Lower Upper

75 100

110 35.6 16.3 48.8

77 41.7 24.9 37.3#



#30

Carbon Tetrachloride

Concen: 0.273 ug/l

RT: 5.514 min Scan# 1376

Delta R.T. -0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

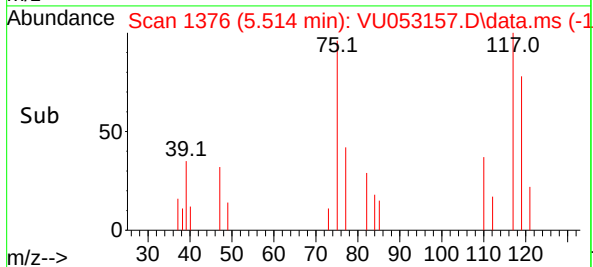
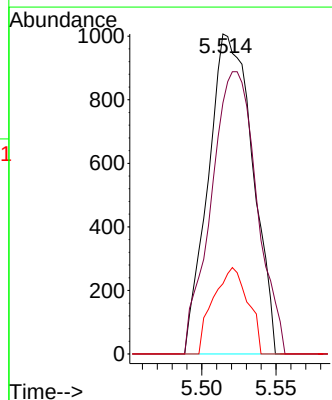
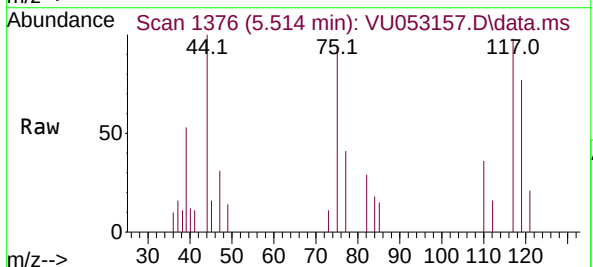
Tgt Ion: 117 Resp: 2090

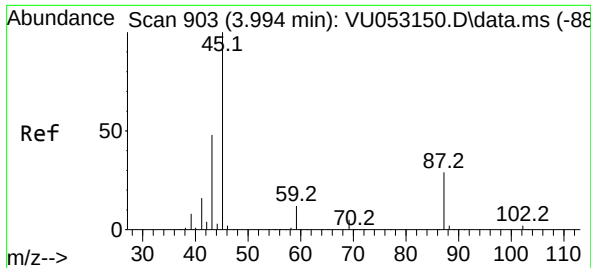
Ion Ratio Lower Upper

117 100

119 78.5 76.2 114.2

121 21.9 24.6 36.8#

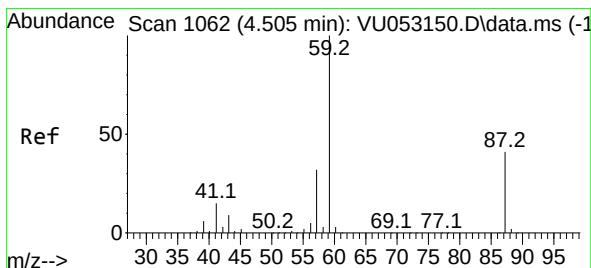
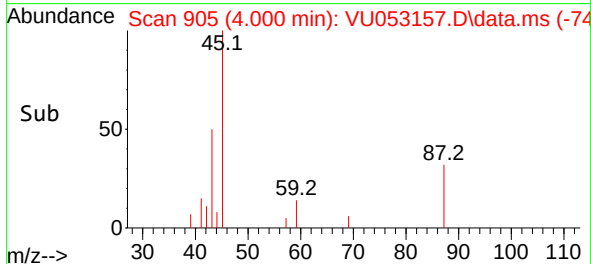
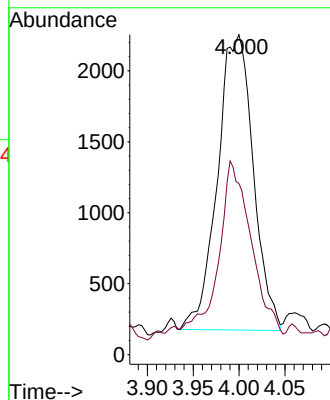
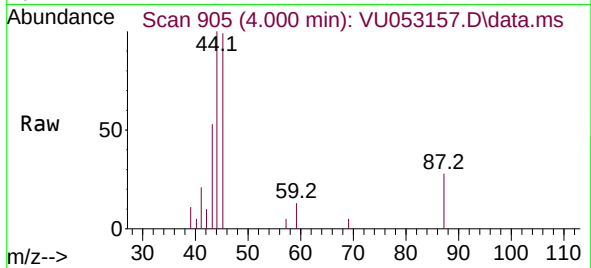




#31
Isopropyl Ether
Concen: 0.275 ug/l
RT: 4.000 min Scan# 903
Delta R.T. 0.006 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

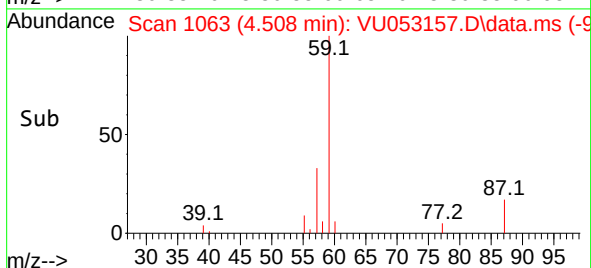
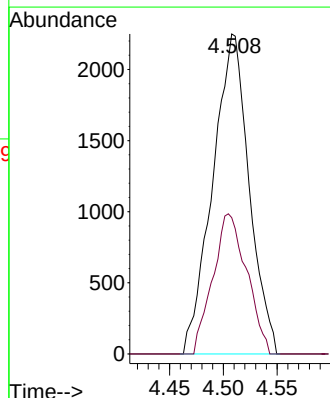
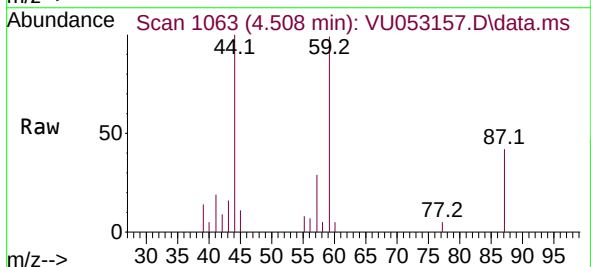
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

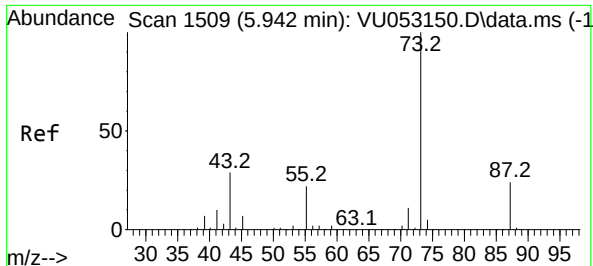
Tgt Ion: 45 Resp: 5642
Ion Ratio Lower Upper
45 100
43 52.2 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 0.273 ug/l
RT: 4.508 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 59 Resp: 5303
Ion Ratio Lower Upper
59 100
87 40.7 32.5 48.7





#33

Tert-Amyl methyl ether

Concen: 0.281 ug/l

RT: 5.945 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

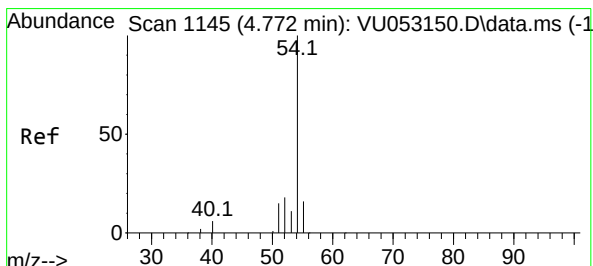
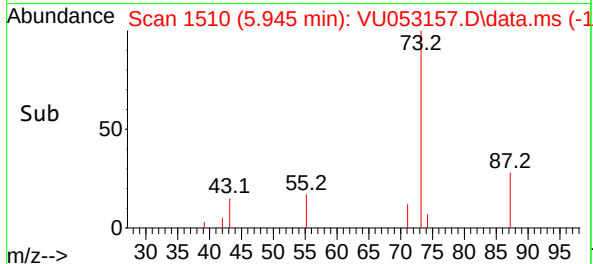
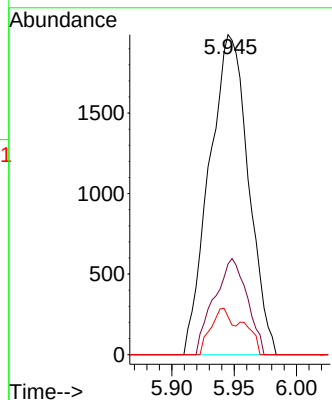
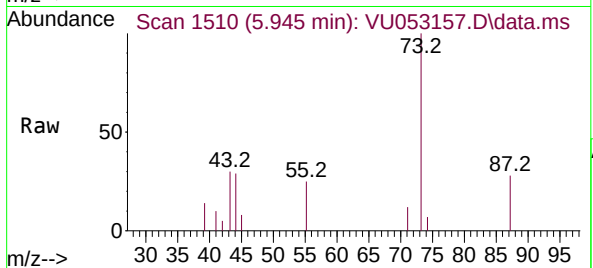
Tgt Ion: 73 Resp: 4336

Ion Ratio Lower Upper

73 100

87 25.3 19.0 28.4

71 8.1 9.2 13.8#



#34

Propionitrile

Concen: 2.026 ug/l

RT: 4.794 min Scan# 1152

Delta R.T. 0.022 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Tgt Ion: 54 Resp: 1106

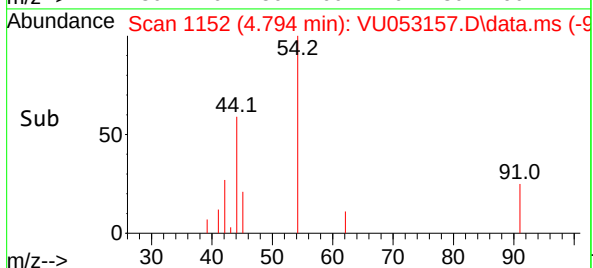
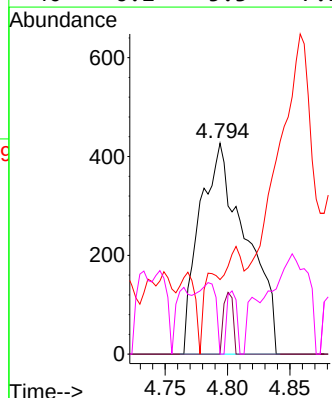
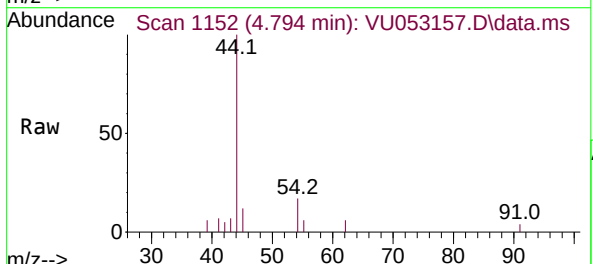
Ion Ratio Lower Upper

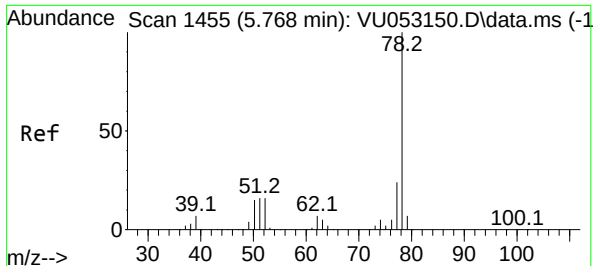
54 100

52 6.0 16.5 24.7#

55 2.9 11.4 17.2#

40 6.2 5.3 7.9

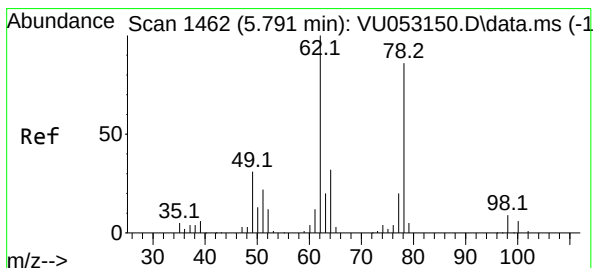
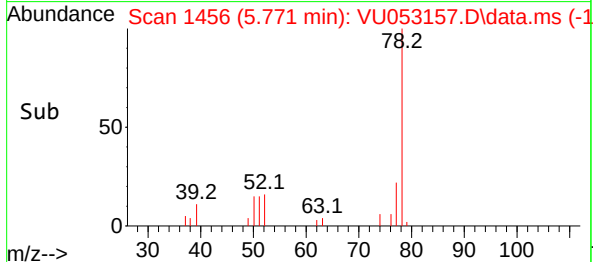
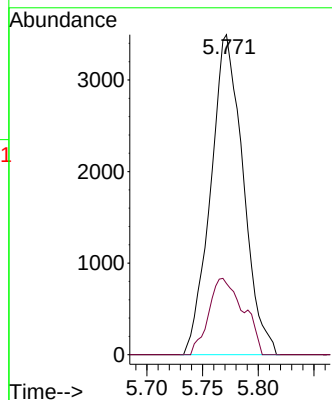
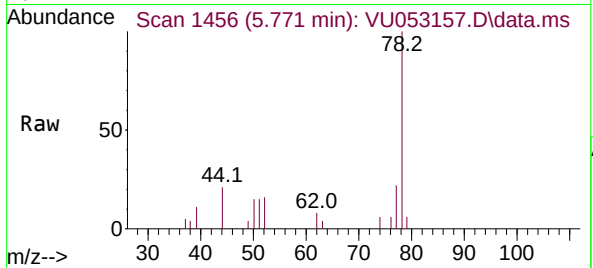




#35
Benzene
Concen: 0.288 ug/l
RT: 5.771 min Scan# 1455
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

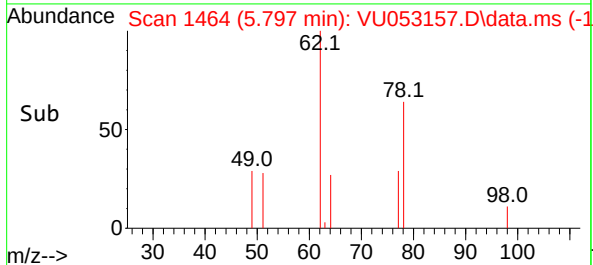
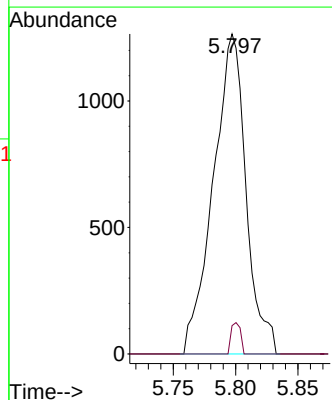
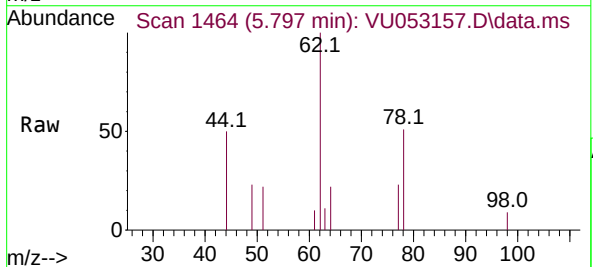
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

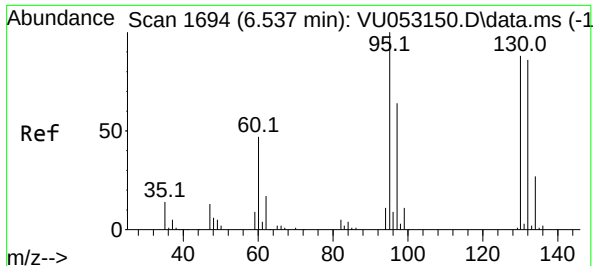
Tgt Ion: 78 Resp: 7081
Ion Ratio Lower Upper
78 100
77 22.2 18.9 28.3



#36
1,2-Dichloroethane
Concen: 0.315 ug/l
RT: 5.797 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 62 Resp: 2316
Ion Ratio Lower Upper
62 100
98 2.8 7.0 10.4#

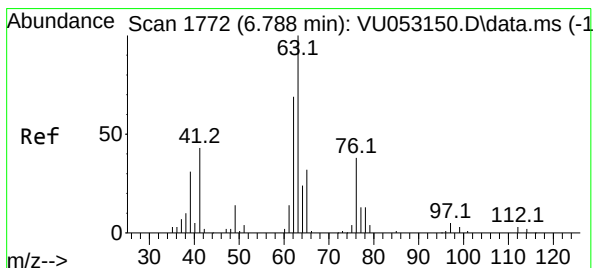
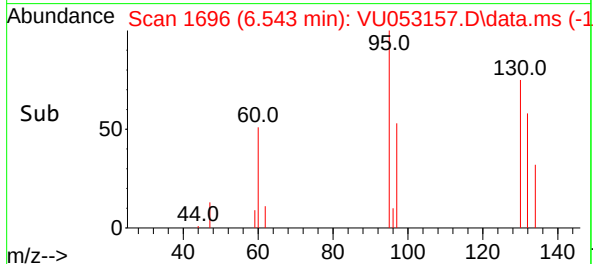
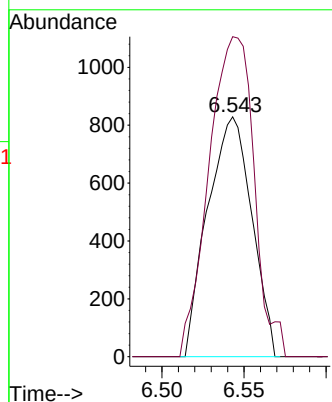
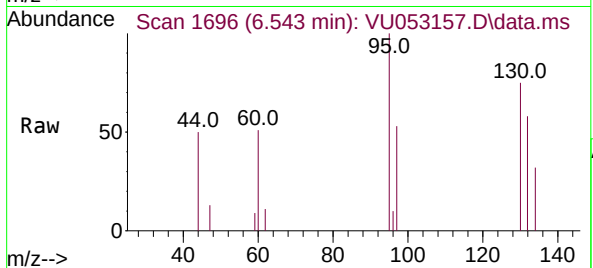




#37
Trichloroethene
Concen: 0.274 ug/l
RT: 6.543 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

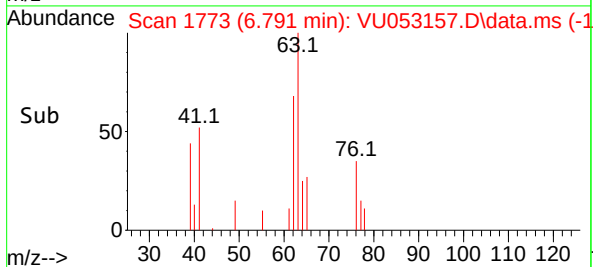
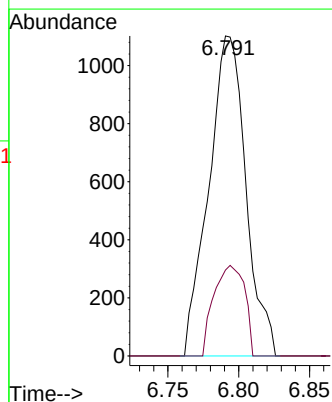
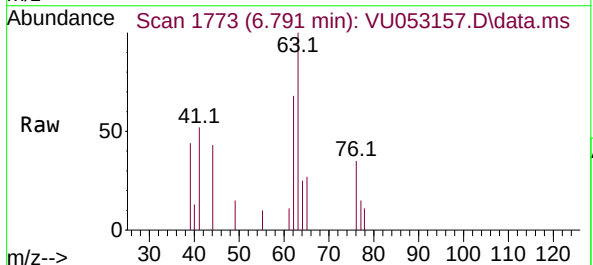
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

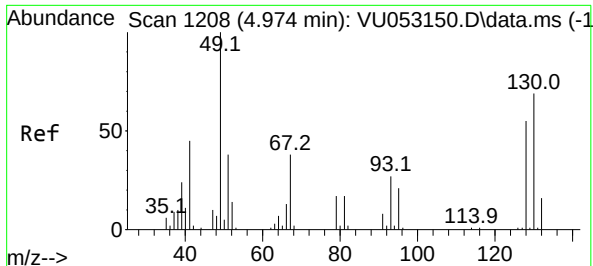
Tgt Ion:130 Resp: 1548
Ion Ratio Lower Upper
130 100
95 133.4 91.1 136.7



#38
1,2-Dichloropropane
Concen: 0.283 ug/l
RT: 6.791 min Scan# 1773
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 63 Resp: 2013
Ion Ratio Lower Upper
63 100
65 26.9 25.5 38.3





#39

Methacrylonitrile

Concen: 0.294 ug/l

RT: 4.977 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU053157.D

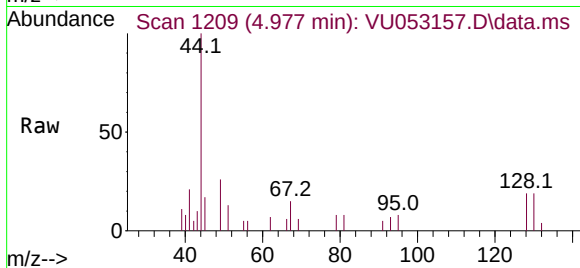
Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 41 Resp: 684

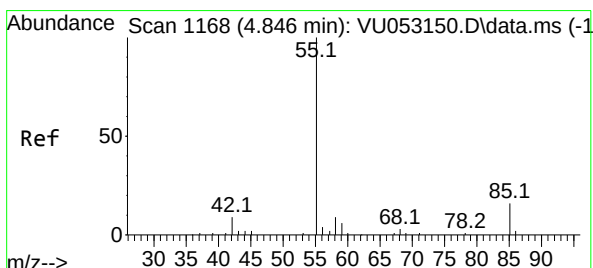
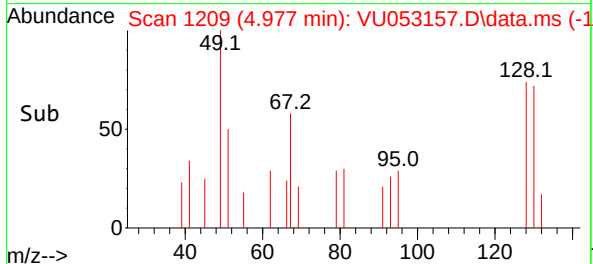
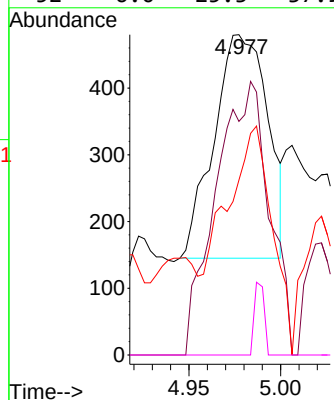
Ion Ratio Lower Upper

41 100

67 120.6 67.1 100.7#

39 93.7 42.6 64.0#

52 6.0 25.3 37.9#



#40

Methyl acrylate

Concen: 0.206 ug/l

RT: 4.858 min Scan# 1172

Delta R.T. 0.013 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Tgt Ion: 55 Resp: 741

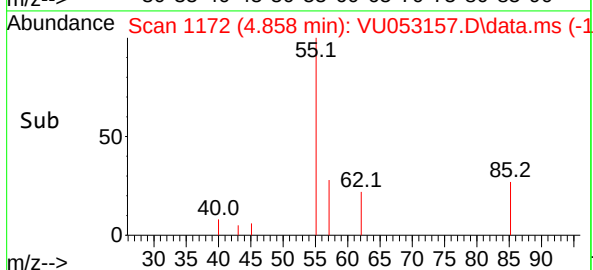
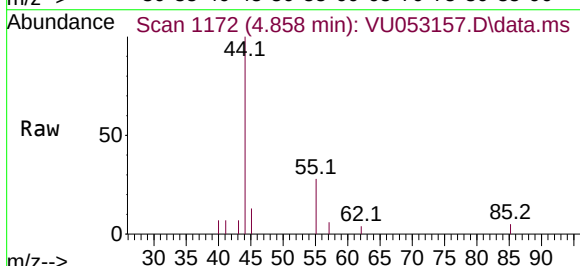
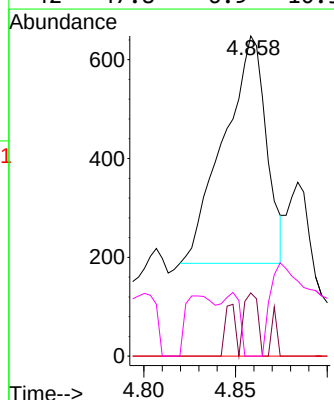
Ion Ratio Lower Upper

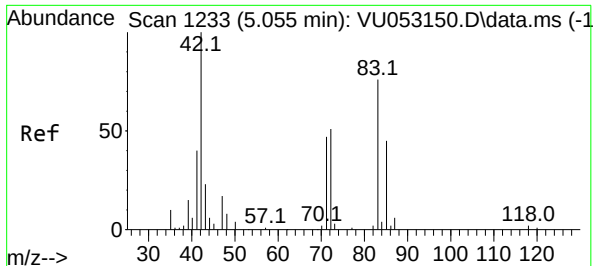
55 100

85 0.0 13.5 20.3#

58 0.0 7.3 10.9#

42 47.8 6.9 10.3#

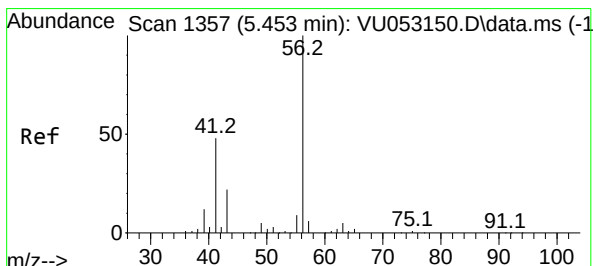
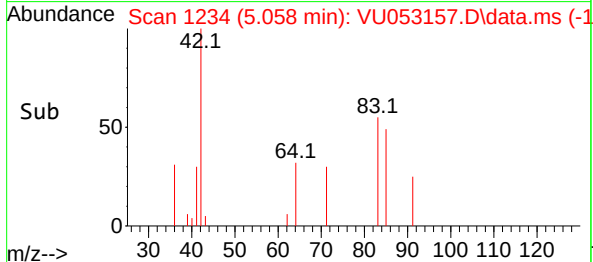
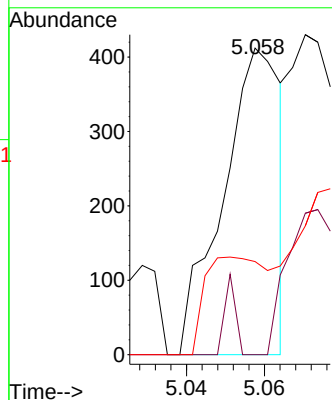
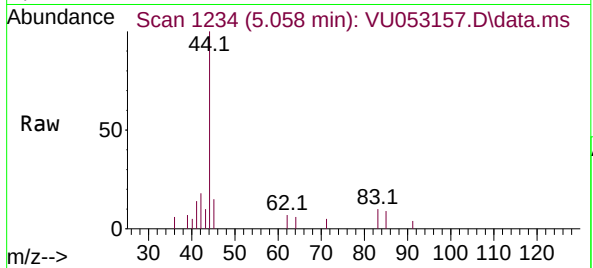




#41
Tetrahydrofuran
Concen: 0.371 ug/l
RT: 5.058 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

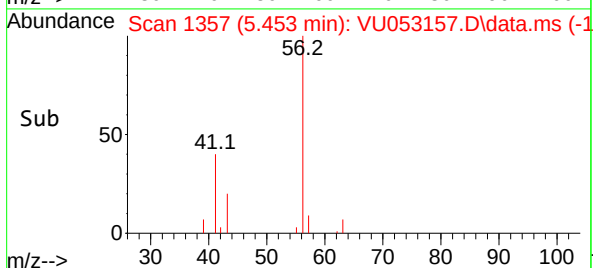
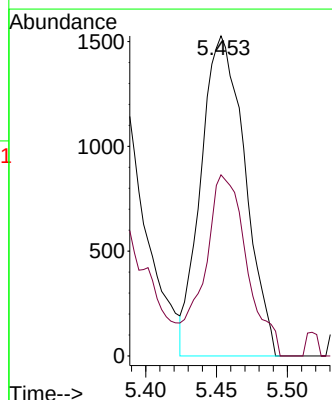
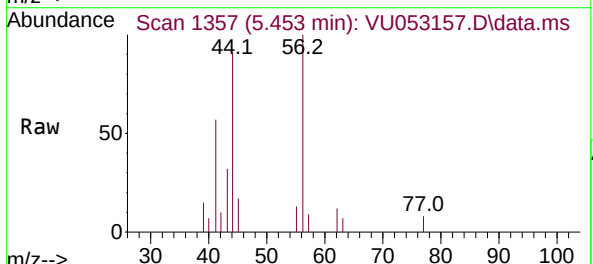
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

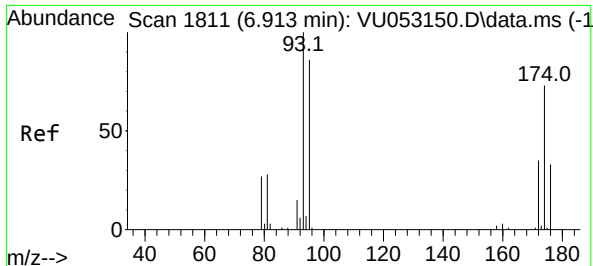
Tgt Ion: 42 Resp: 424
Ion Ratio Lower Upper
42 100
72 0.0 41.6 62.4#
71 33.5 37.9 56.9#



#42
1-Chlorobutane
Concen: 0.284 ug/l
RT: 5.453 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 56 Resp: 3292
Ion Ratio Lower Upper
56 100
41 54.0 23.7 71.1





#43

Dibromomethane

Concen: 0.249 ug/l

RT: 6.919 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

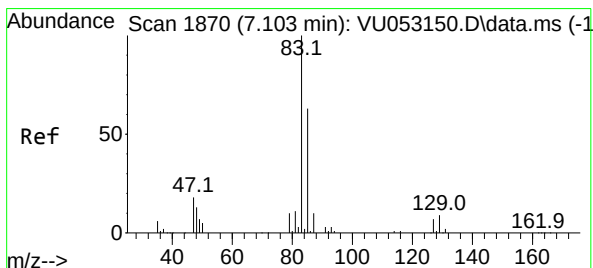
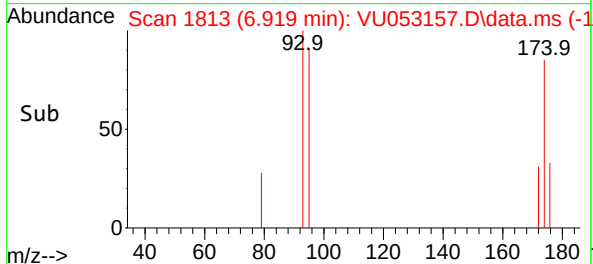
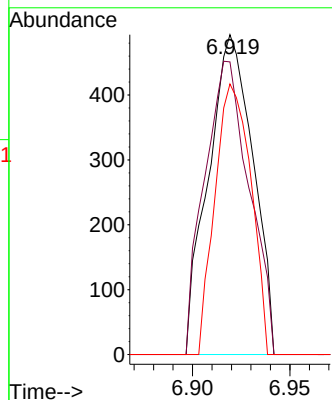
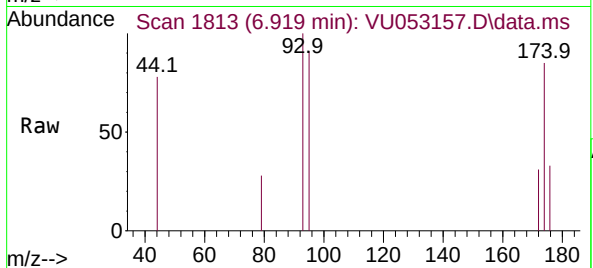
Tgt Ion: 93 Resp: 785

Ion Ratio Lower Upper

93 100

95 92.1 66.5 99.7

174 68.2 58.2 87.4



#44

Bromodichloromethane

Concen: 0.298 ug/l

RT: 7.106 min Scan# 1871

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

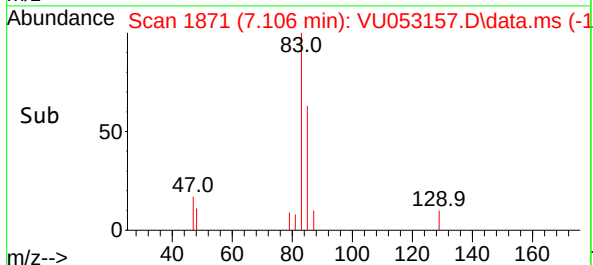
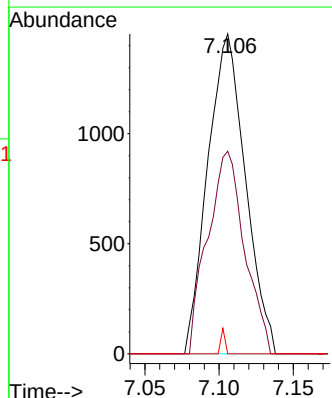
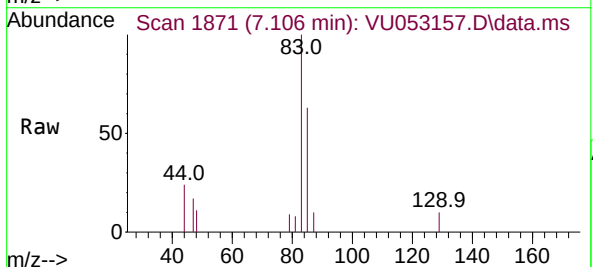
Tgt Ion: 83 Resp: 2566

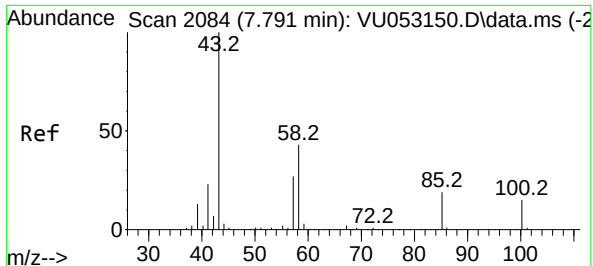
Ion Ratio Lower Upper

83 100

85 63.3 50.6 75.8

127 0.0 5.8 8.8#





#45

4-Methyl-2-Pentanone

Concen: 1.549 ug/l

RT: 7.800 min Scan# 2084

Delta R.T. 0.009 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

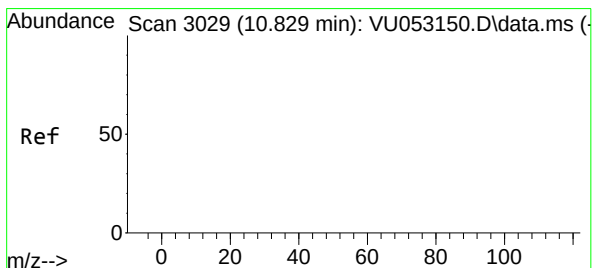
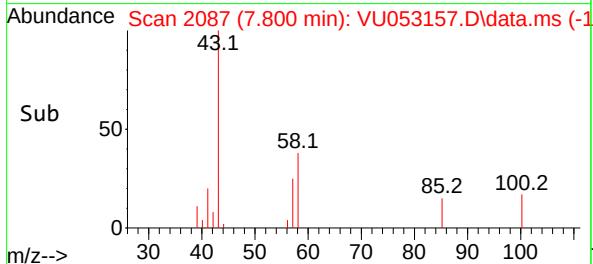
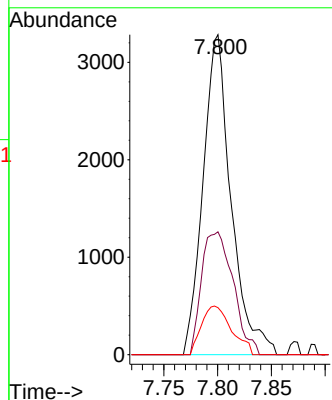
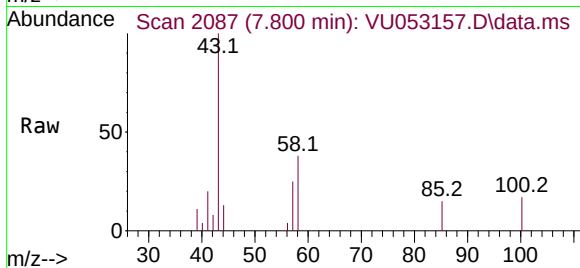
Tgt Ion: 43 Resp: 5958

Ion Ratio Lower Upper

43 100

58 43.0 22.0 66.0

85 16.2 15.7 23.5



#46

t-1,4-Dichloro-2-butene

Concen: 1.154 ug/l

RT: 10.823 min Scan# 3027

Delta R.T. -0.007 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Tgt Ion: 75 Resp: 2237

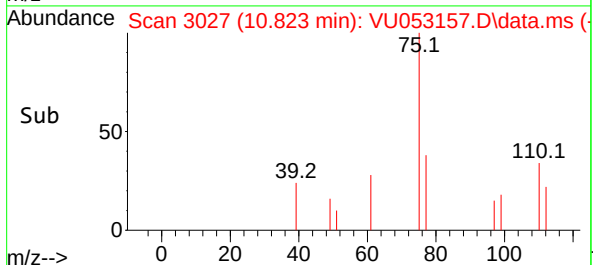
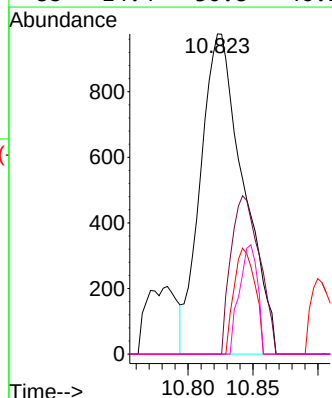
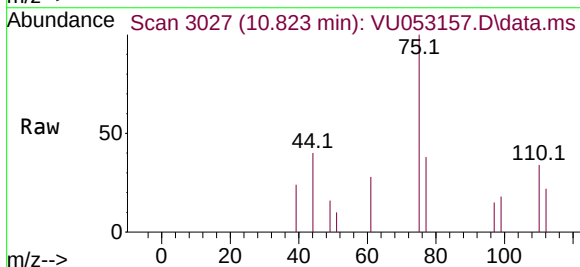
Ion Ratio Lower Upper

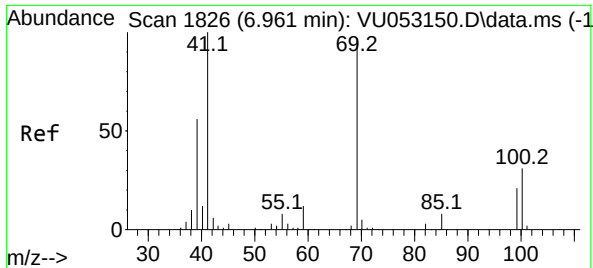
75 100

53 33.1 57.0 85.4#

89 16.2 43.1 64.7#

88 14.4 30.8 46.2#





#47

Methyl methacrylate

Concen: 0.582 ug/l

RT: 6.967 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 69 Resp: 1888

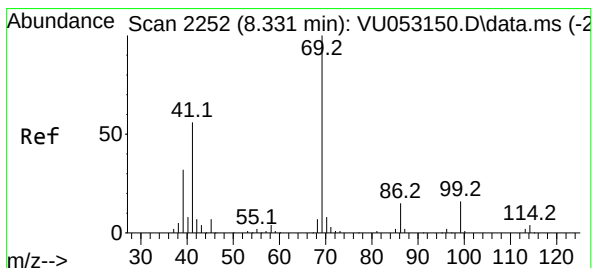
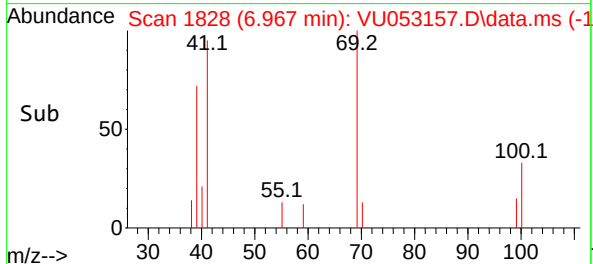
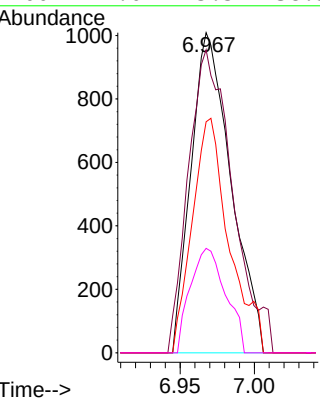
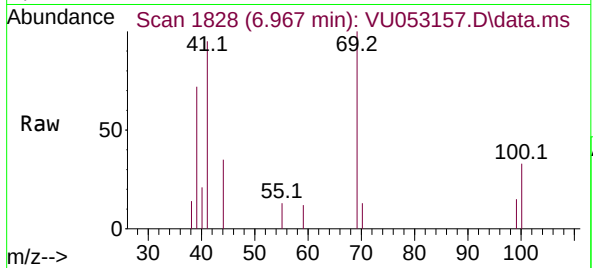
Ion Ratio Lower Upper

69 100

41 104.8 0.0 201.0

39 67.4 47.1 70.7

100 29.0 25.5 38.3



#48

Ethyl methacrylate

Concen: 0.286 ug/l

RT: 8.337 min Scan# 2254

Delta R.T. 0.006 min

Lab File: VU053157.D

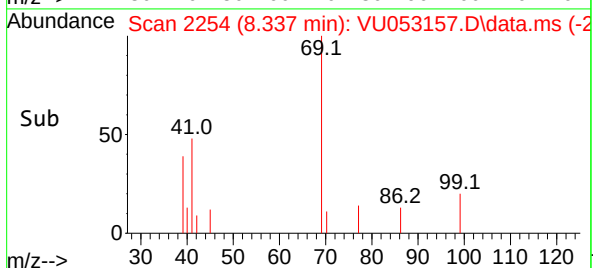
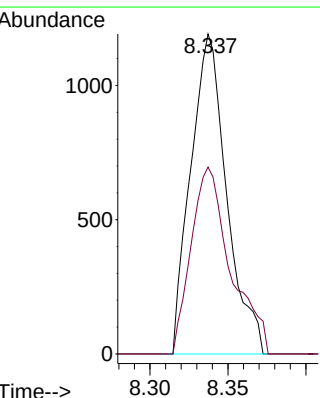
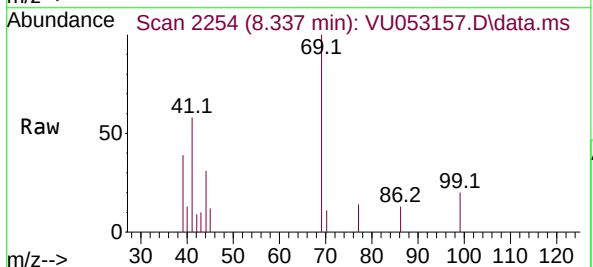
Acq: 27 Feb 2023 17:49

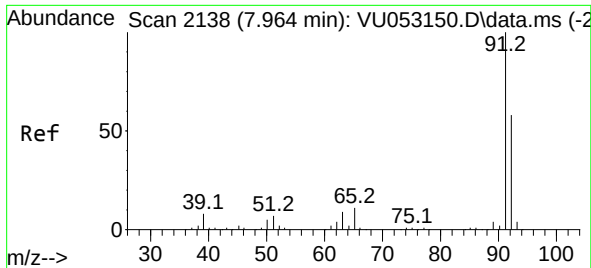
Tgt Ion: 69 Resp: 1905

Ion Ratio Lower Upper

69 100

41 64.4 28.2 84.6





#49

Toluene

Concen: 0.287 ug/l

RT: 7.967 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

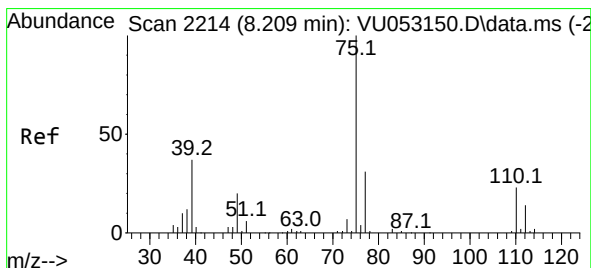
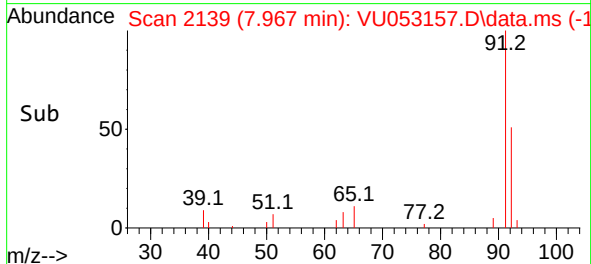
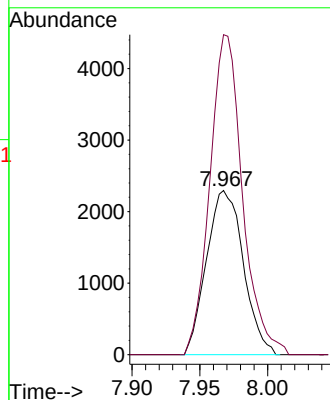
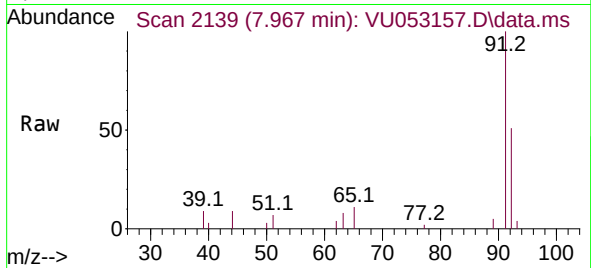
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 92 Resp: 4343

Ion Ratio Lower Upper

92 100

91 173.0 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 0.295 ug/l

RT: 8.212 min Scan# 2215

Delta R.T. 0.003 min

Lab File: VU053157.D

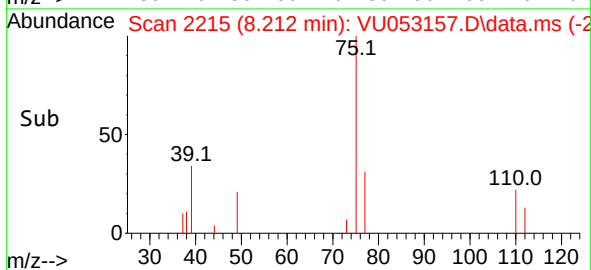
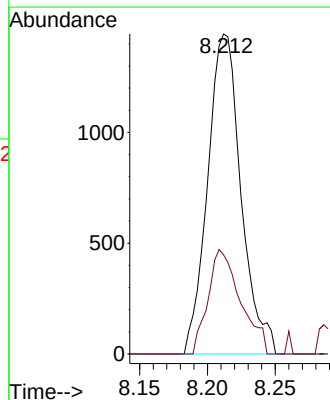
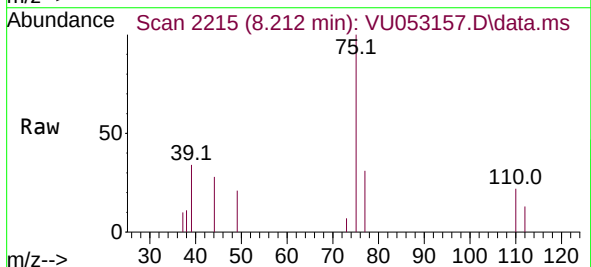
Acq: 27 Feb 2023 17:49

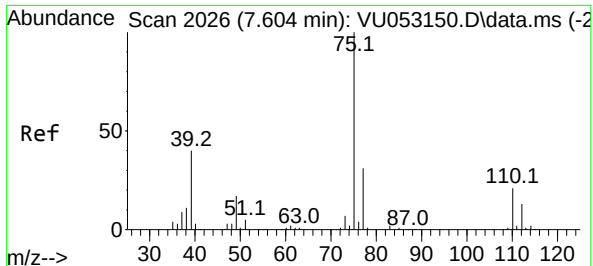
Tgt Ion: 75 Resp: 2474

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7





#51

cis-1,3-Dichloropropene

Concen: 0.270 ug/l

RT: 7.607 min Scan# 2026

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

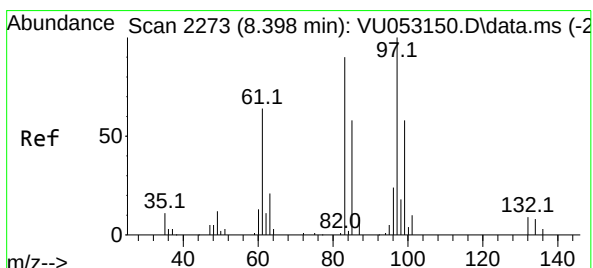
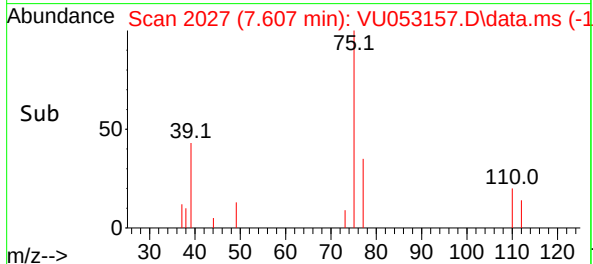
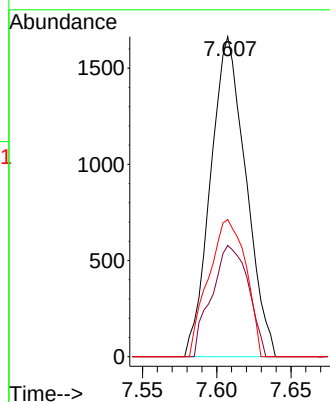
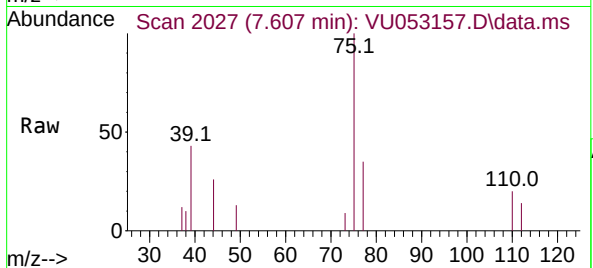
Tgt Ion: 75 Resp: 2743

Ion Ratio Lower Upper

75 100

77 34.7 24.9 37.3

39 42.8 32.2 48.2



#52

1,1,2-Trichloroethane

Concen: 0.246 ug/l

RT: 8.402 min Scan# 2274

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Tgt Ion: 97 Resp: 1140

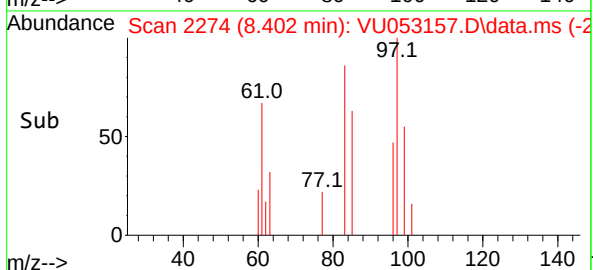
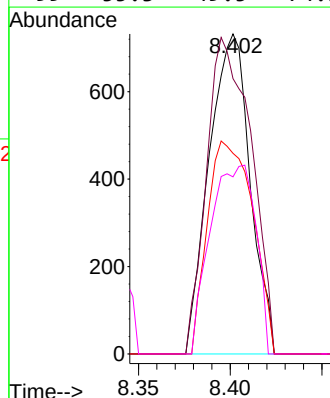
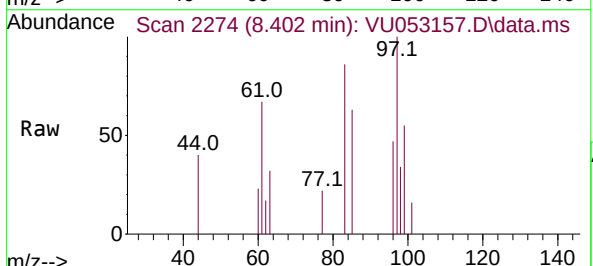
Ion Ratio Lower Upper

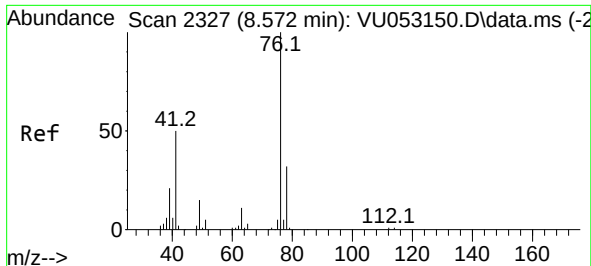
97 100

83 86.1 71.9 107.9

85 62.7 46.5 69.7

99 55.3 49.5 74.3





#53

1,3-Dichloropropane

Concen: 0.315 ug/l

RT: 8.572 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

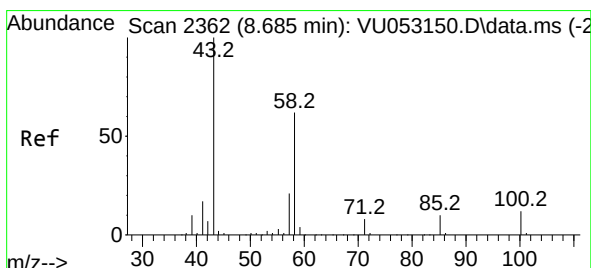
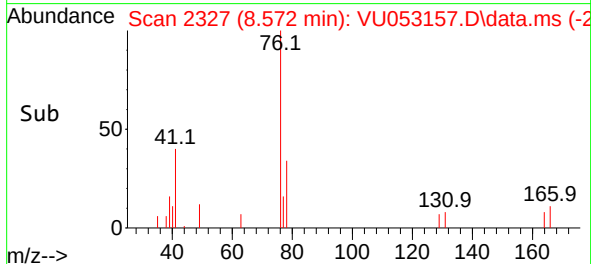
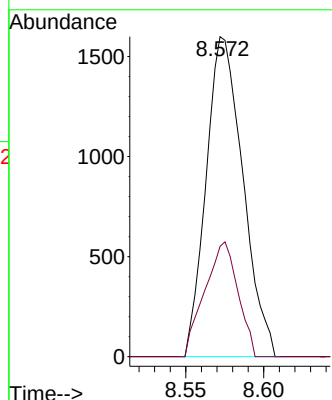
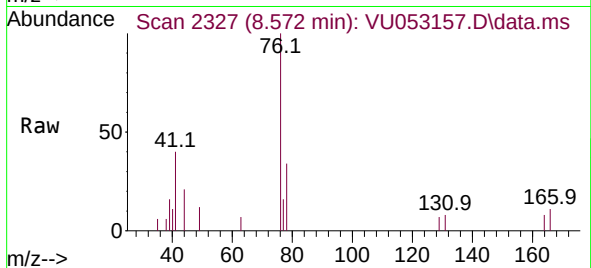
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 76 Resp: 2617

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#54

2-Hexanone

Concen: 1.315 ug/l

RT: 8.694 min Scan# 2365

Delta R.T. 0.009 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

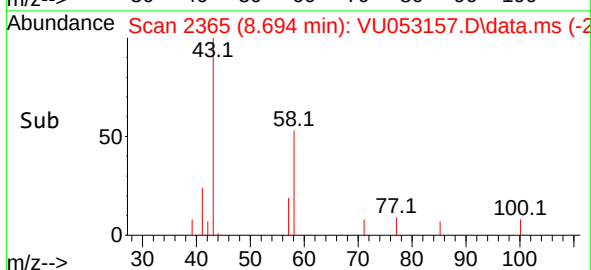
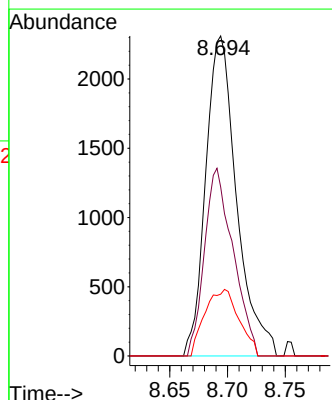
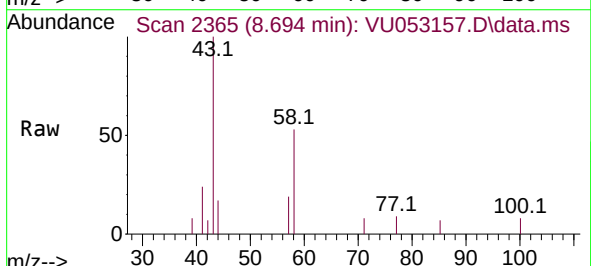
Tgt Ion: 43 Resp: 4309

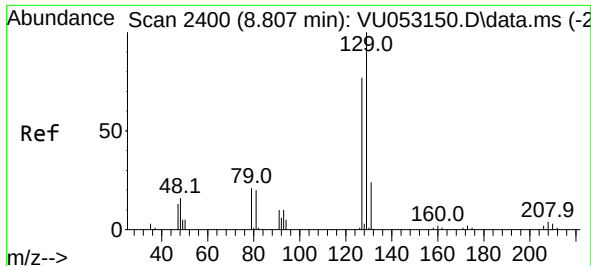
Ion Ratio Lower Upper

43 100

58 54.4 42.0 82.0

57 22.9 1.2 41.2

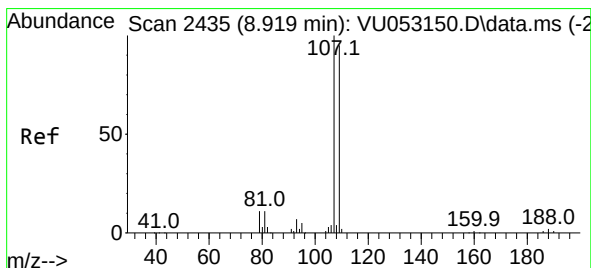
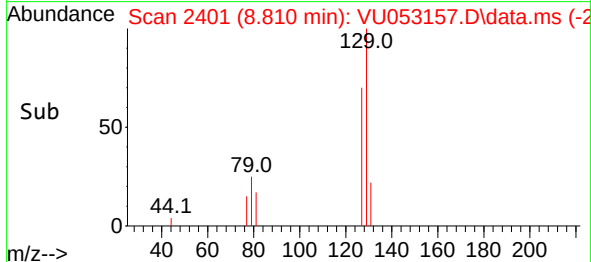
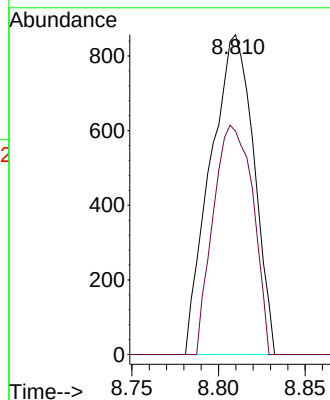
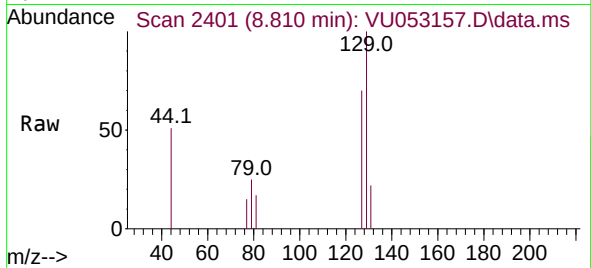




#55
Dibromochloromethane
Concen: 0.282 ug/l
RT: 8.810 min Scan# 2400
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

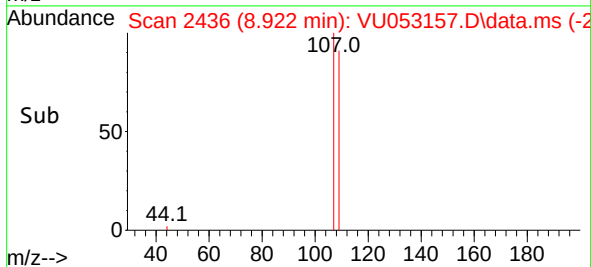
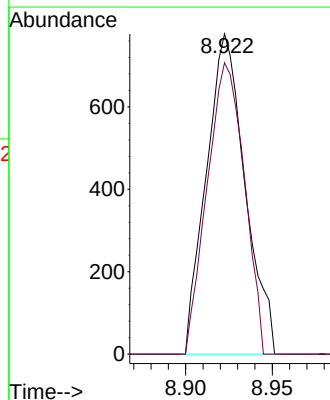
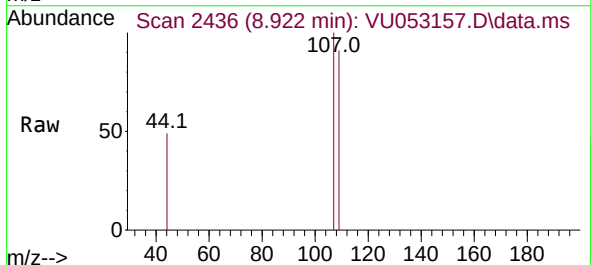
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

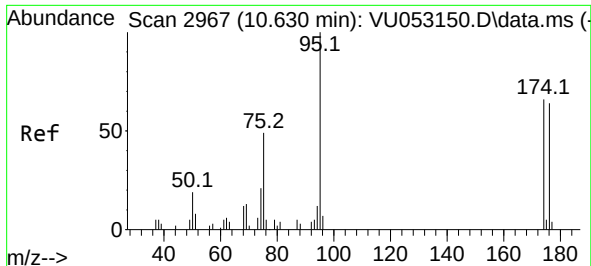
Tgt Ion:129 Resp: 1491
Ion Ratio Lower Upper
129 100
127 65.6 61.1 91.7



#56
1,2-Dibromoethane
Concen: 0.294 ug/l
RT: 8.922 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion:107 Resp: 1208
Ion Ratio Lower Upper
107 100
109 87.2 0.0 186.2

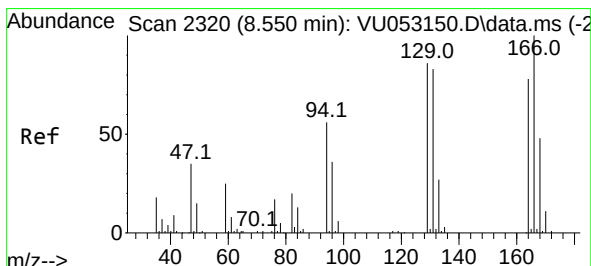
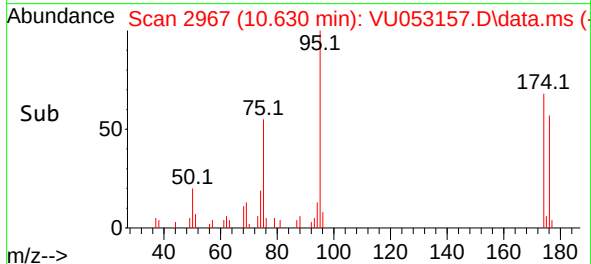
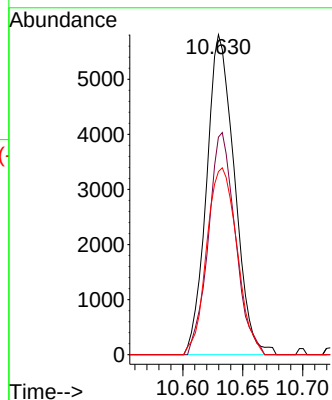
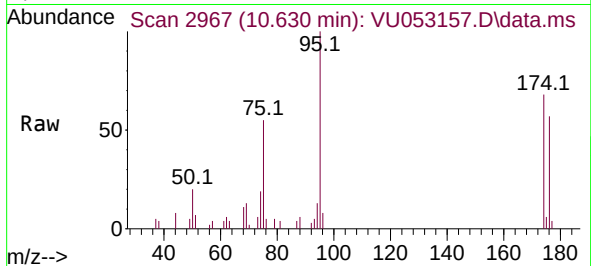




#57
4-Bromofluorobenzene
Concen: 0.909 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

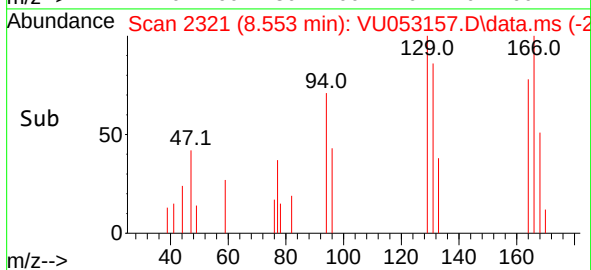
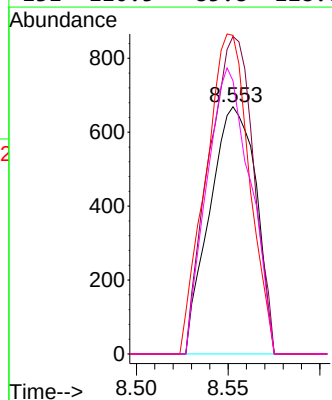
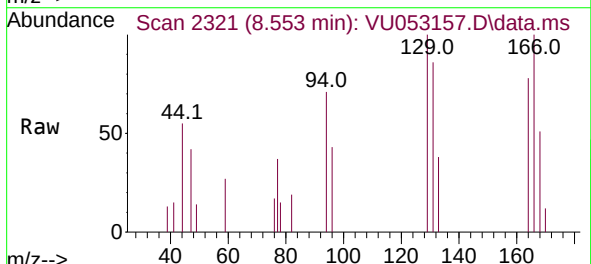
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

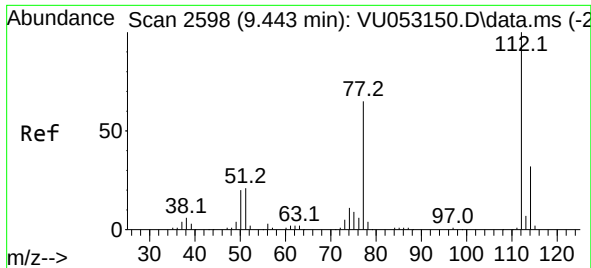
Tgt Ion: 95 Resp: 9412
Ion Ratio Lower Upper
95 100
174 66.8 50.7 76.1
176 63.3 47.8 71.6



#58
Tetrachloroethene
Concen: 0.261 ug/l
RT: 8.553 min Scan# 2321
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 164 Resp: 1174
Ion Ratio Lower Upper
164 100
166 128.4 103.2 154.8
129 128.8 88.8 133.2
131 110.5 85.8 128.6





#59

Chlorobenzene

Concen: 0.289 ug/l

RT: 9.446 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

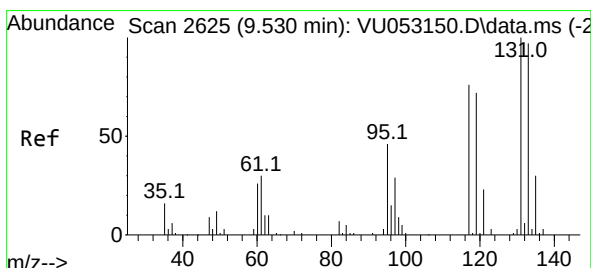
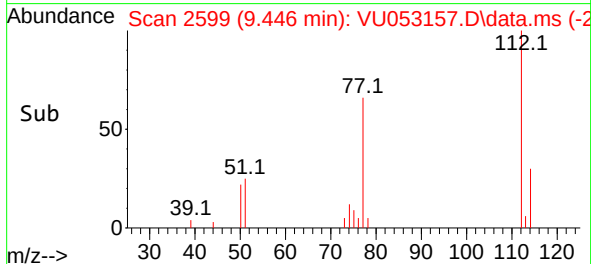
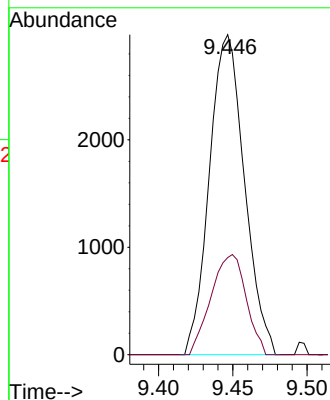
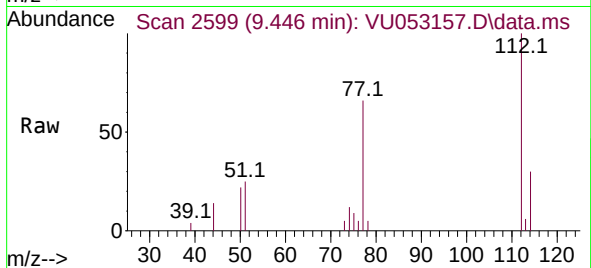
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:112 Resp: 4891

Ion Ratio Lower Upper

112 100

114 30.4 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.256 ug/l

RT: 9.533 min Scan# 2626

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

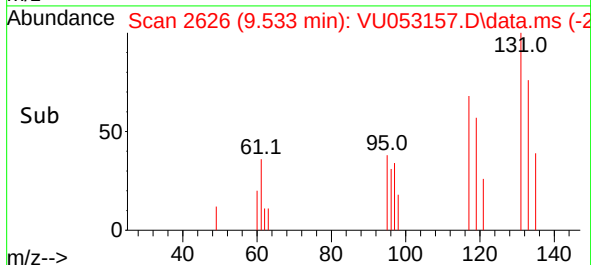
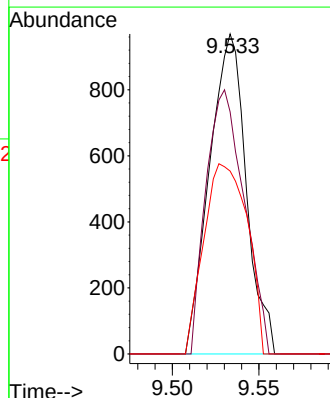
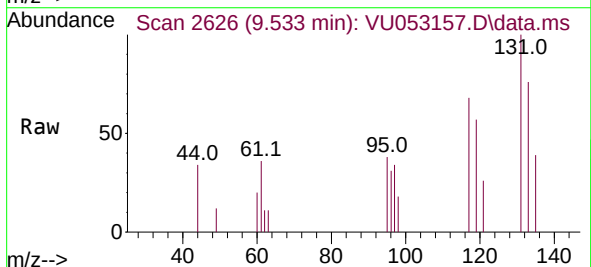
Tgt Ion:131 Resp: 1430

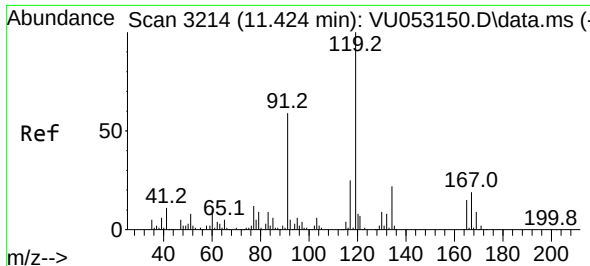
Ion Ratio Lower Upper

131 100

133 86.0 76.7 115.1

119 70.6 57.6 86.4

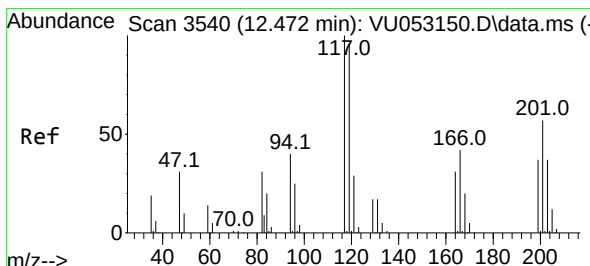
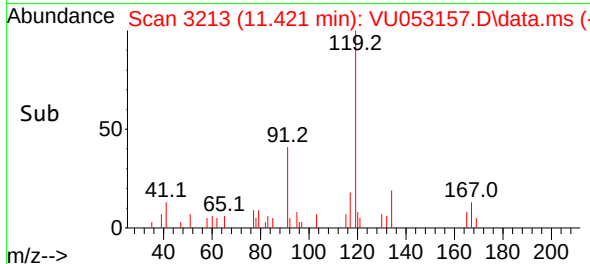
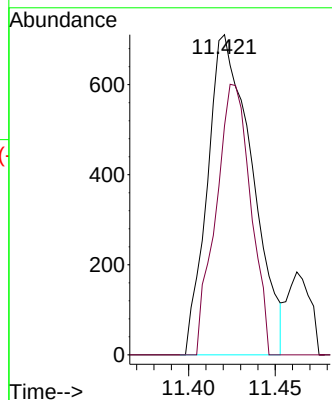
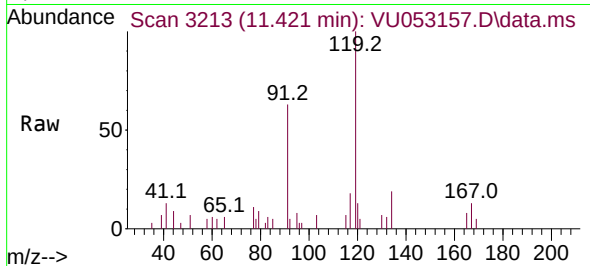




#61
 Pentachloroethane
 Concen: 0.262 ug/l
 RT: 11.421 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU053157.D
 Acq: 27 Feb 2023 17:49

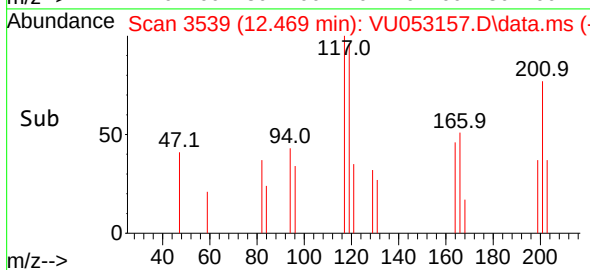
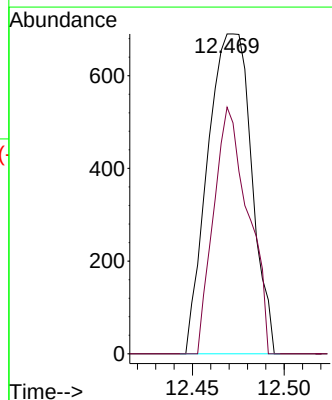
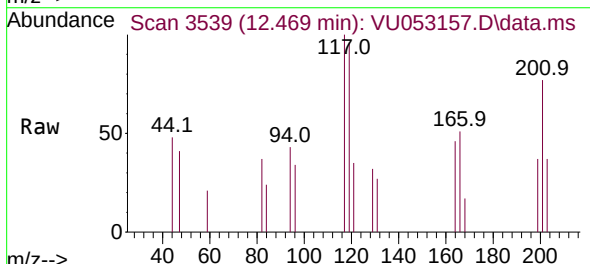
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

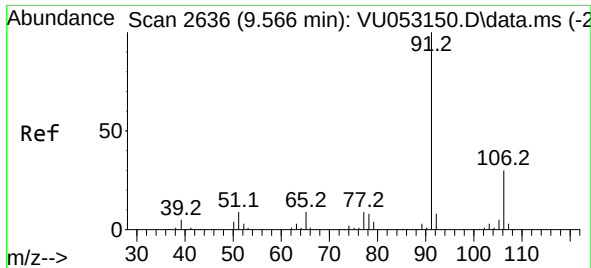
Tgt Ion:117 Resp: 1273
 Ion Ratio Lower Upper
 117 100
 167 65.8 57.5 86.3



#62
 Hexachloroethane
 Concen: 0.215 ug/l
 RT: 12.469 min Scan# 3539
 Delta R.T. -0.003 min
 Lab File: VU053157.D
 Acq: 27 Feb 2023 17:49

Tgt Ion:117 Resp: 1151
 Ion Ratio Lower Upper
 117 100
 201 60.5 46.7 70.1

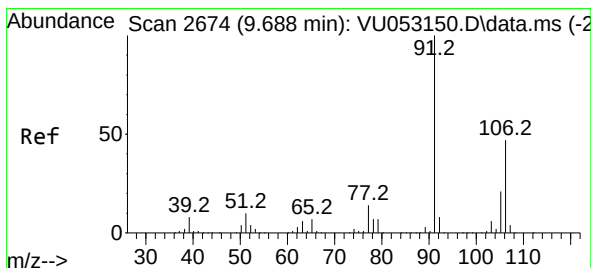
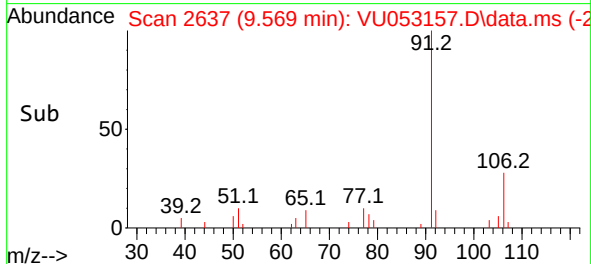
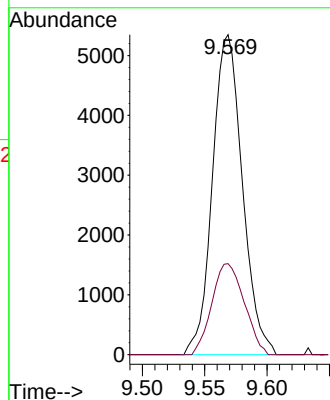
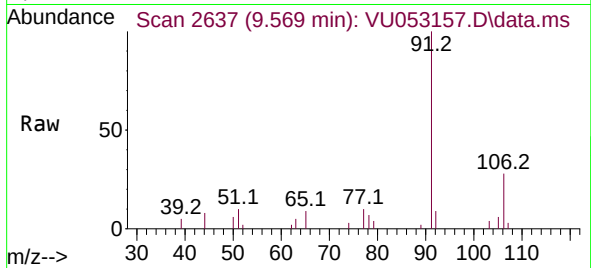




#63
Ethyl Benzene
Concen: 0.286 ug/l
RT: 9.569 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

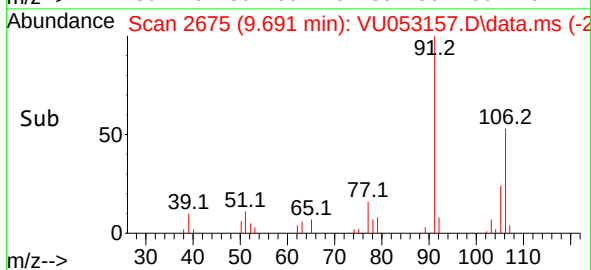
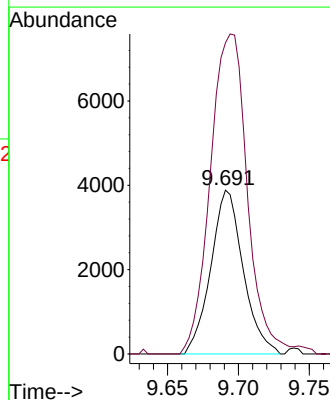
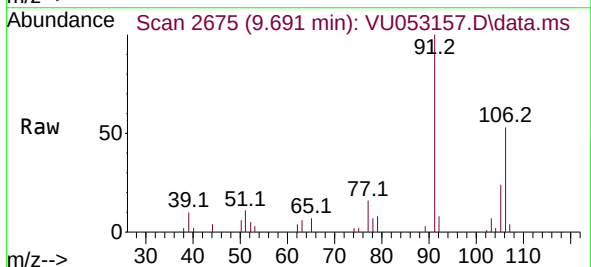
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

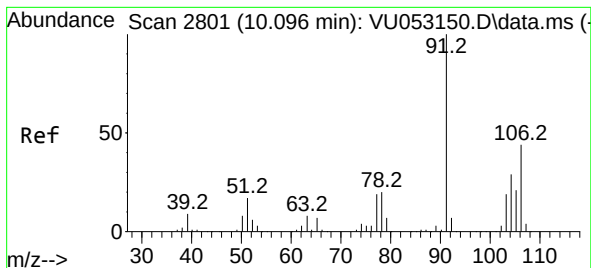
Tgt Ion: 91 Resp: 8936
Ion Ratio Lower Upper
91 100
106 28.4 24.0 36.0



#64
m/p-Xylenes
Concen: 0.546 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 106 Resp: 6185
Ion Ratio Lower Upper
106 100
91 224.9 170.7 256.1





#65

o-Xylene

Concen: 0.276 ug/l

RT: 10.099 min Scan# 2801

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

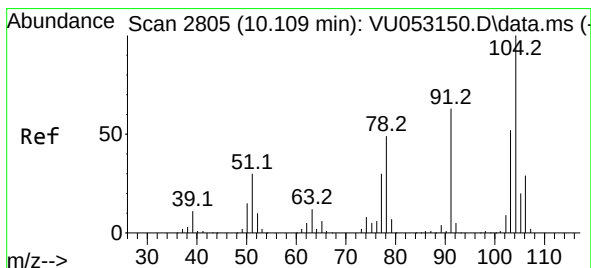
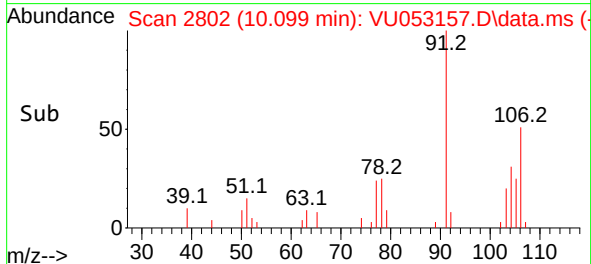
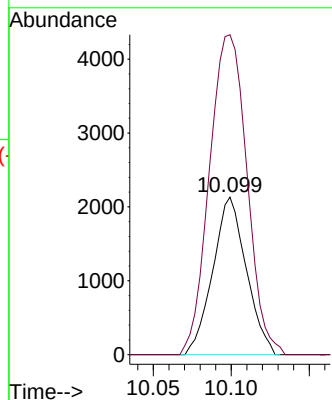
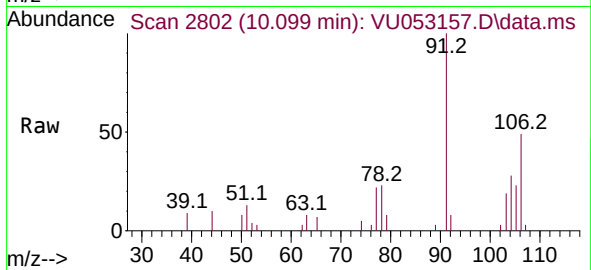
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:106 Resp: 3192

Ion Ratio Lower Upper

106 100

91 227.3 112.8 338.4



#66

Styrene

Concen: 0.291 ug/l

RT: 10.112 min Scan# 2806

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

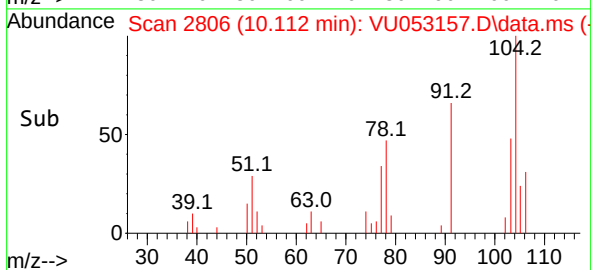
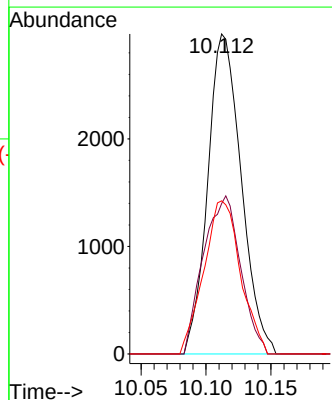
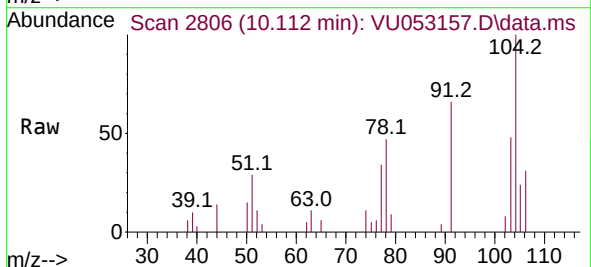
Tgt Ion:104 Resp: 5338

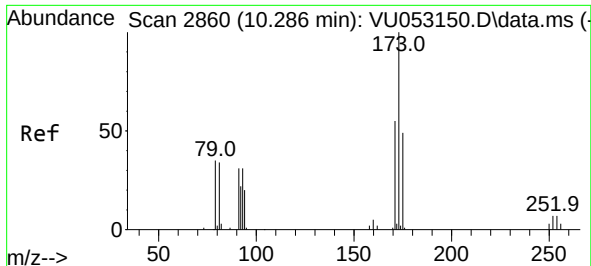
Ion Ratio Lower Upper

104 100

78 54.8 43.3 64.9

103 52.4 45.2 67.8

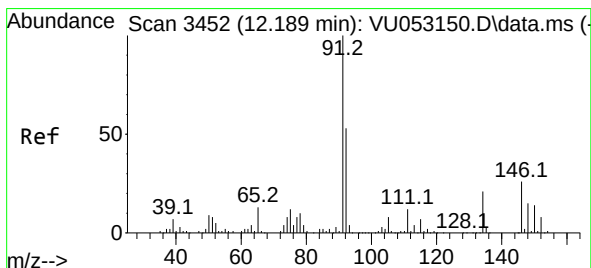
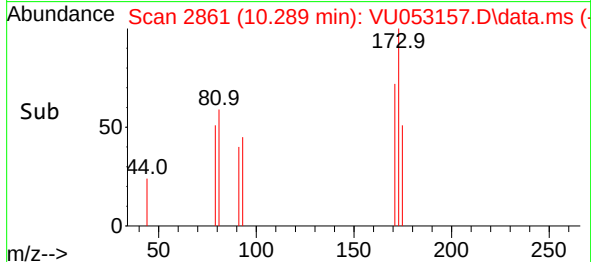
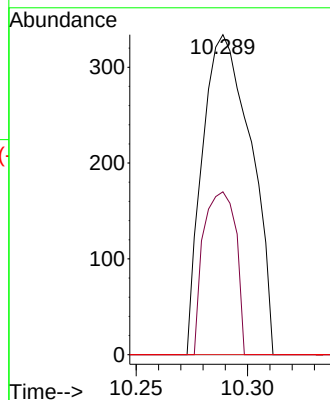
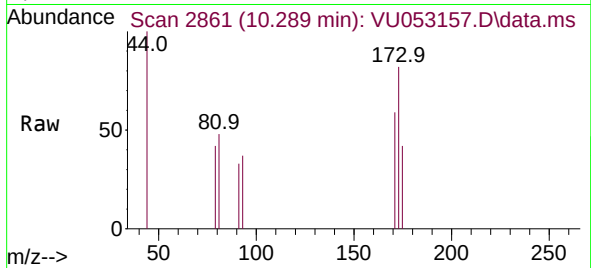




#67
Bromoform
Concen: 0.197 ug/l
RT: 10.289 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

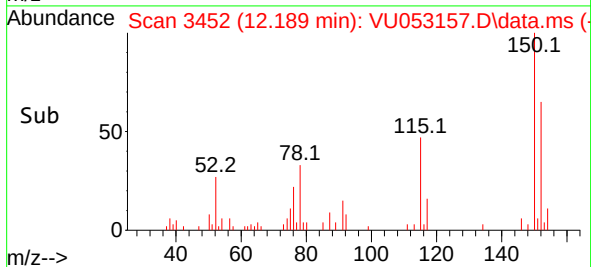
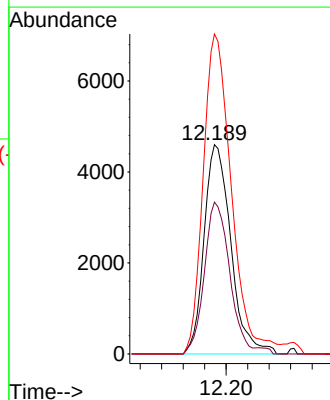
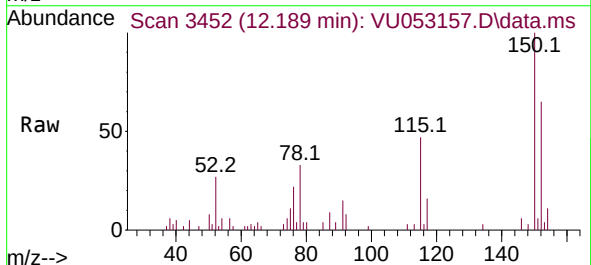
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

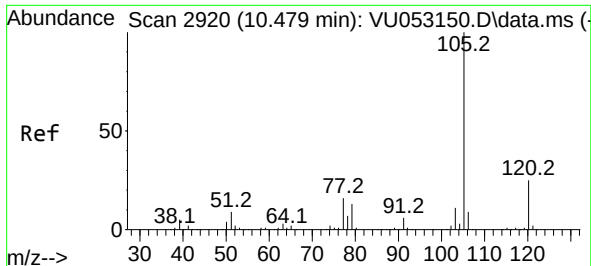
Tgt Ion:173 Resp: 505
Ion Ratio Lower Upper
173 100
175 34.1 38.7 58.1#
254 0.0 5.8 8.8#



#68
1,2-Dichlorobenzene-d4
Concen: 0.968 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. -0.000 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion:152 Resp: 7948
Ion Ratio Lower Upper
152 100
115 68.5 0.0 267.8
150 160.8 0.0 623.0

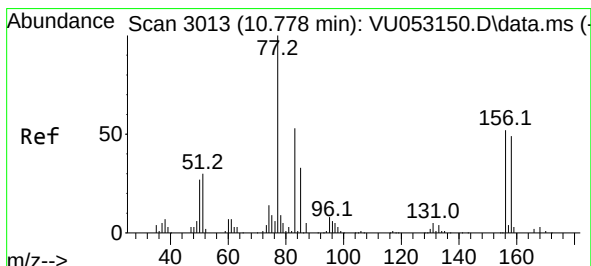
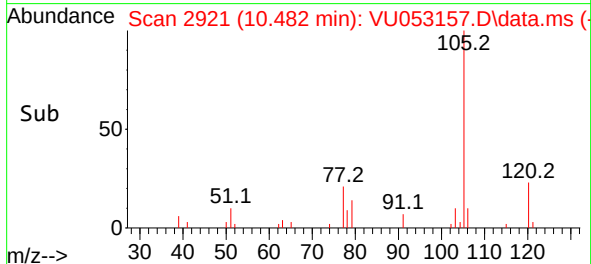
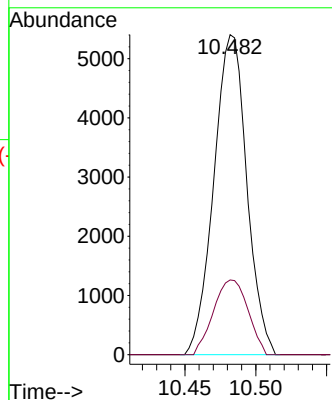
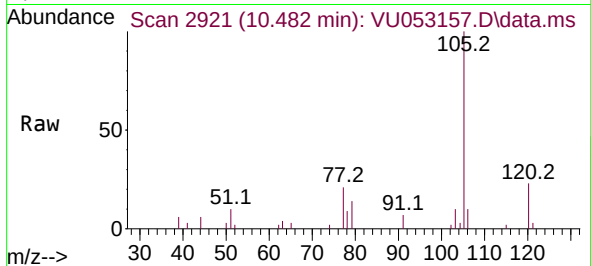




#69
Isopropylbenzene
Concen: 0.282 ug/l
RT: 10.482 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

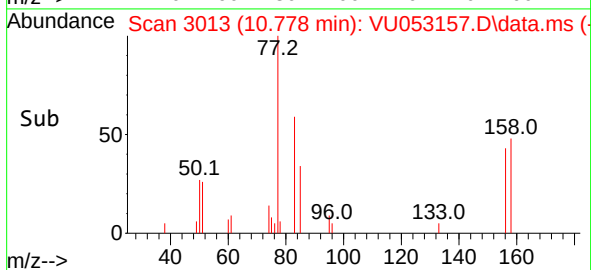
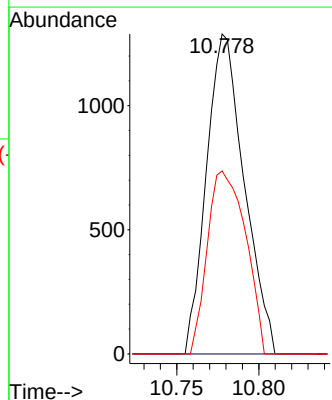
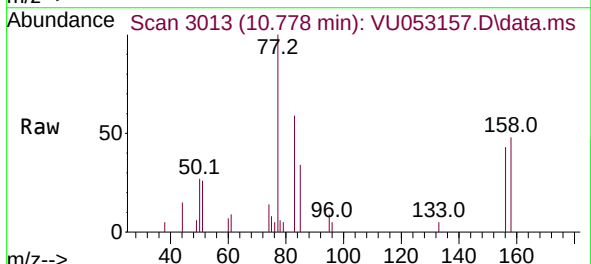
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

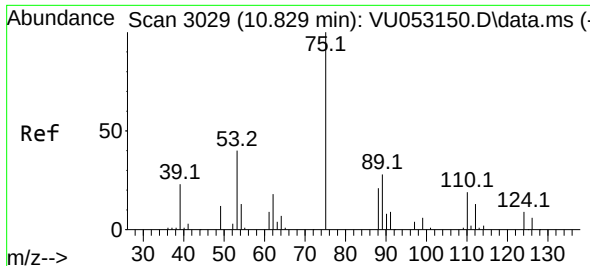
Tgt Ion:105 Resp: 8748
Ion Ratio Lower Upper
105 100
120 24.4 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 0.330 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 83 Resp: 2058
Ion Ratio Lower Upper
83 100
131 0.0 6.6 9.8#
85 57.9 49.3 73.9

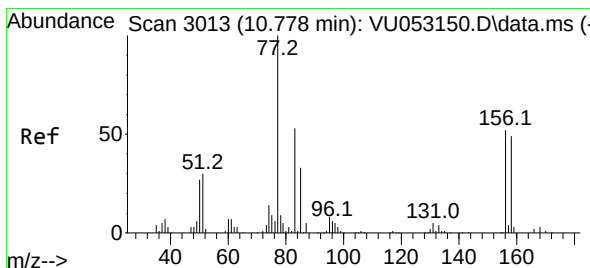
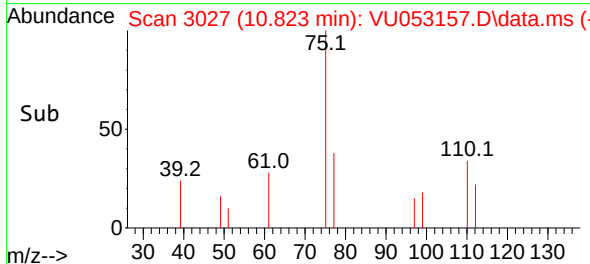
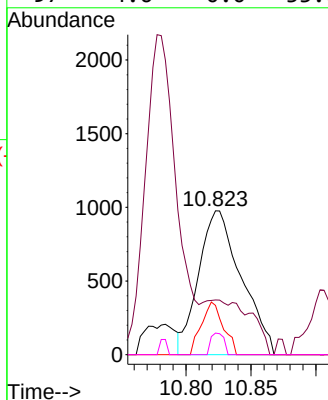
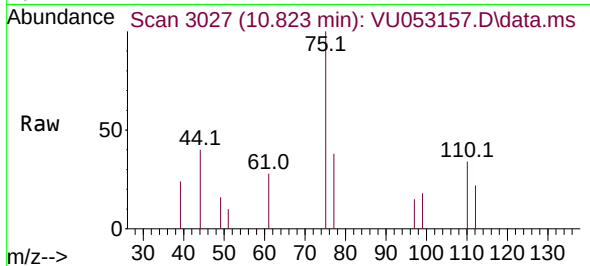




#71
1,2,3-Trichloropropane
Concen: 0.417 ug/l
RT: 10.823 min Scan# 3029
Delta R.T. -0.007 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

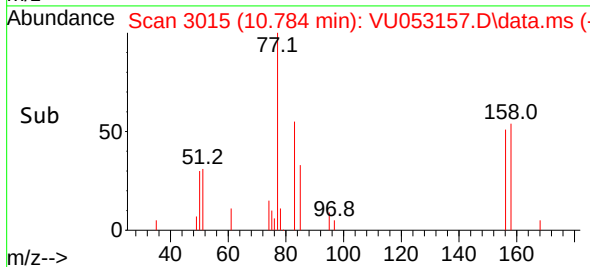
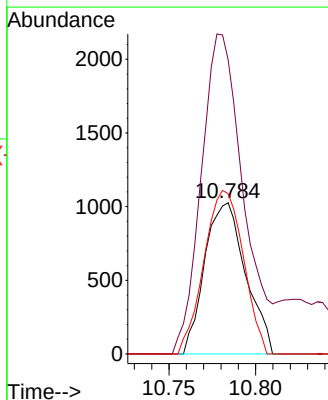
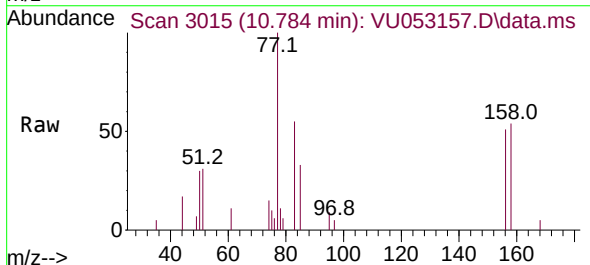
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

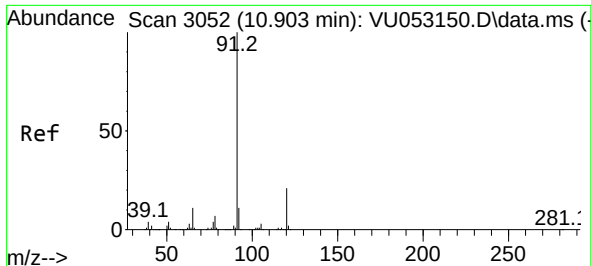
Tgt Ion: 75	Resp: 2237
Ion Ratio	Lower Upper
75 100	
77 28.7	0.0 98.2
110 18.7	0.0 57.0
97 4.6	0.0 33.6



#72
Bromobenzene
Concen: 0.281 ug/l
RT: 10.784 min Scan# 3015
Delta R.T. 0.006 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion:156	Resp:	1687	
Ion	Ratio	Lower	Upper
156	100		
77	217.2	0.0	397.0
158	103.8	0.0	189.2

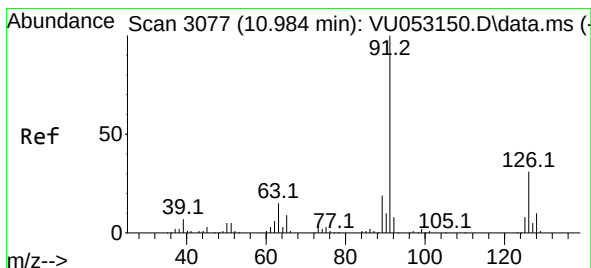
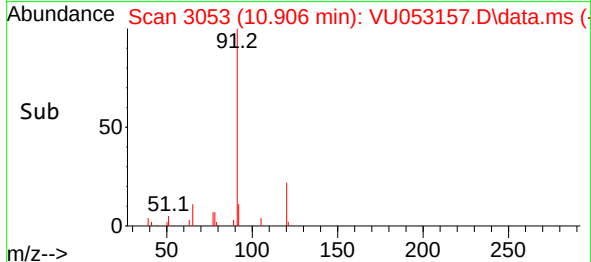
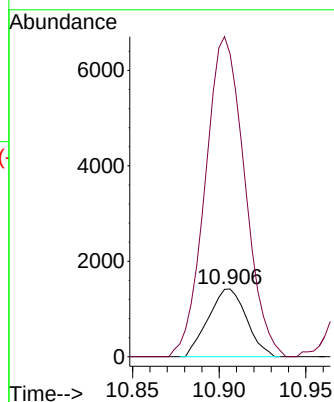
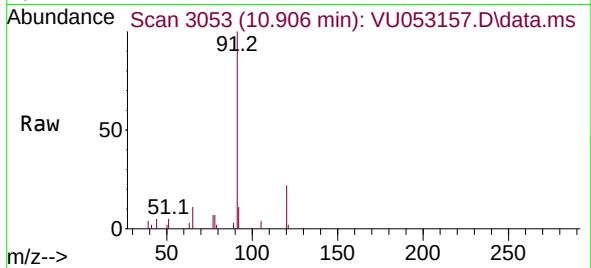




#73
n-propylbenzene
Concen: 0.264 ug/l
RT: 10.906 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

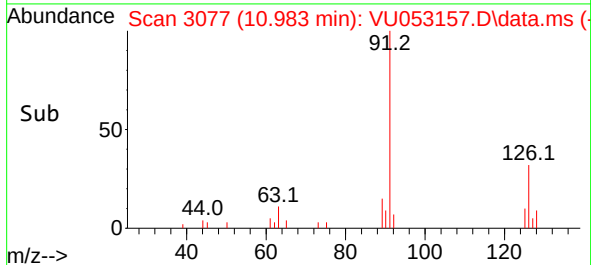
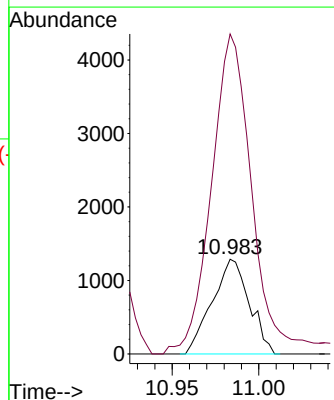
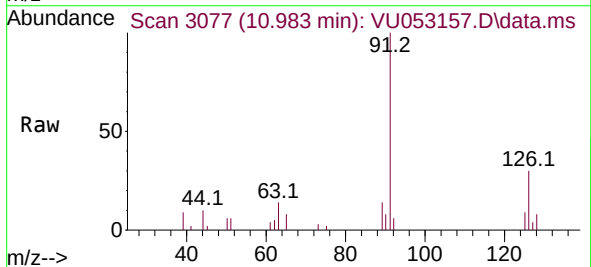
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

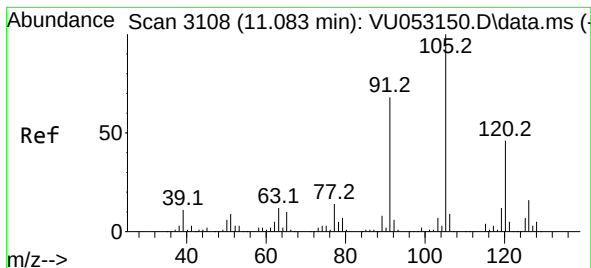
Tgt Ion:120 Resp: 2171
Ion Ratio Lower Upper
120 100
91 489.2 372.5 558.7



#74
2-Chlorotoluene
Concen: 0.283 ug/l
RT: 10.983 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion:126 Resp: 1925
Ion Ratio Lower Upper
126 100
91 372.3 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 0.256 ug/l

RT: 11.086 min Scan# 3108

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

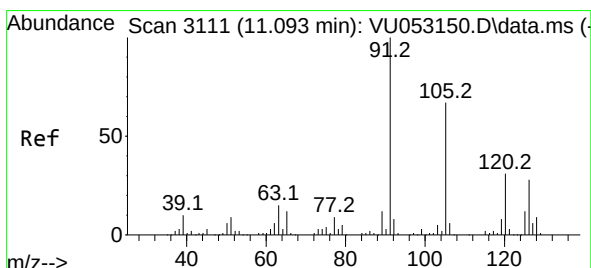
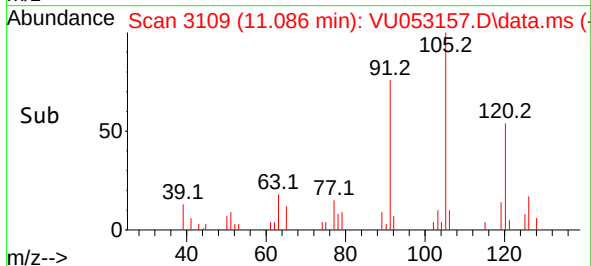
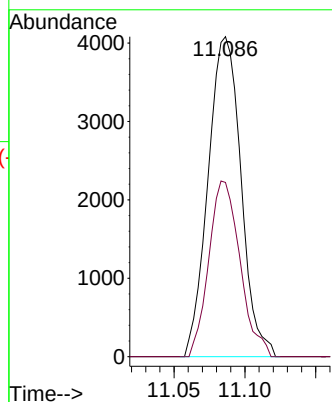
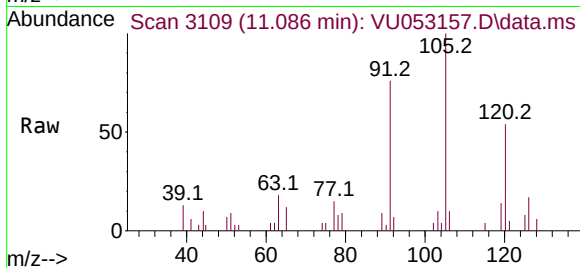
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:105 Resp: 6598

Ion Ratio Lower Upper

105 100

120 51.9 36.5 54.7



#76

4-Chlorotoluene

Concen: 0.295 ug/l

RT: 11.099 min Scan# 3113

Delta R.T. 0.006 min

Lab File: VU053157.D

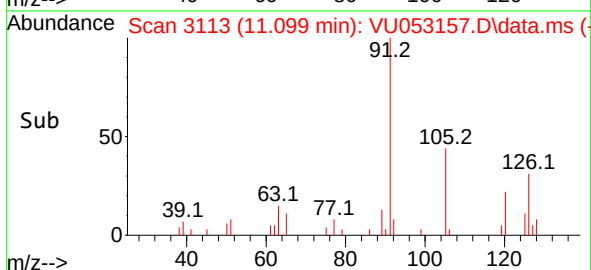
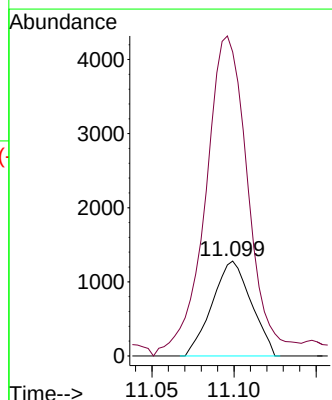
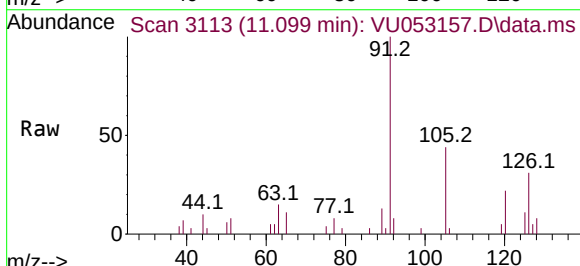
Acq: 27 Feb 2023 17:49

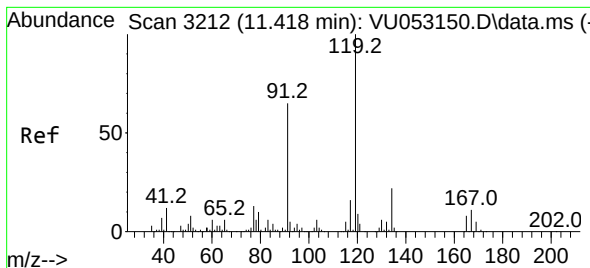
Tgt Ion:126 Resp: 2111

Ion Ratio Lower Upper

126 100

91 369.3 0.0 760.6





#77

tert-Butylbenzene

Concen: 0.267 ug/l

RT: 11.417 min Scan# 3212

Delta R.T. -0.000 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

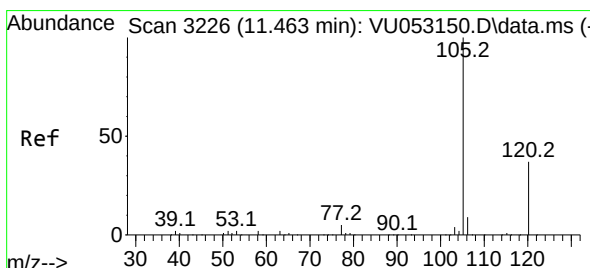
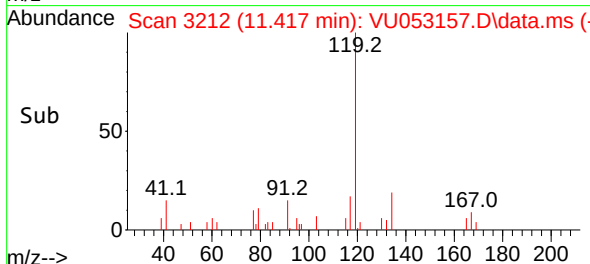
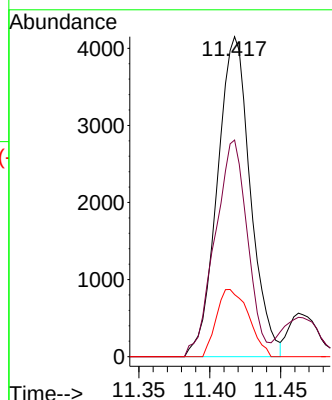
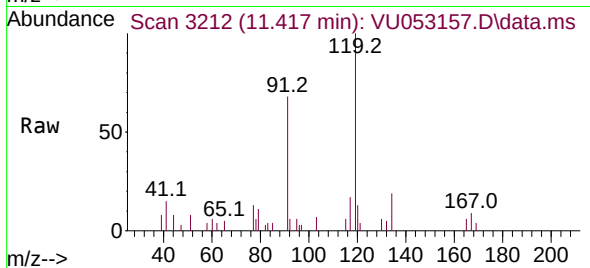
Tgt Ion:119 Resp: 6749

Ion Ratio Lower Upper

119 100

91 66.5 31.9 95.7

134 20.4 17.4 26.0



#78

1,2,4-Trimethylbenzene

Concen: 0.274 ug/l

RT: 11.466 min Scan# 3227

Delta R.T. 0.003 min

Lab File: VU053157.D

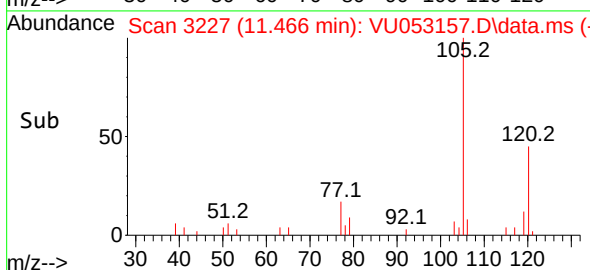
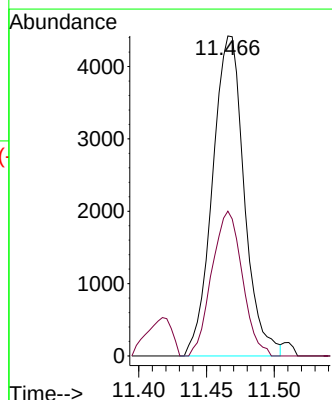
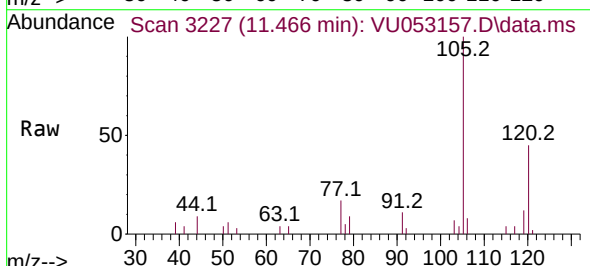
Acq: 27 Feb 2023 17:49

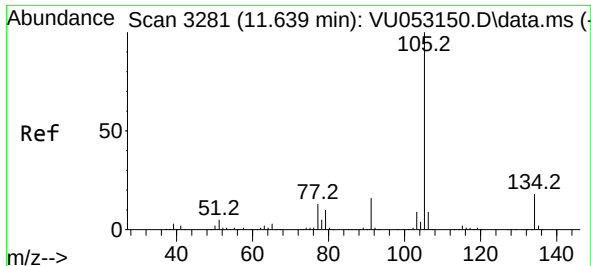
Tgt Ion:105 Resp: 7211

Ion Ratio Lower Upper

105 100

120 43.5 21.1 63.1





#79

sec-Butylbenzene

Concen: 0.273 ug/l

RT: 11.643 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

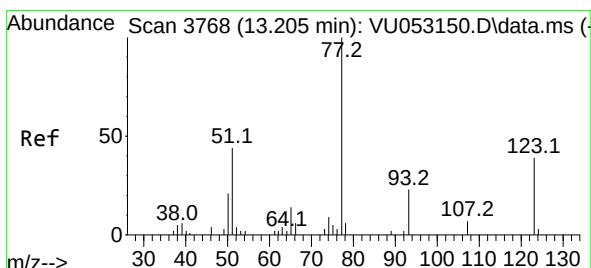
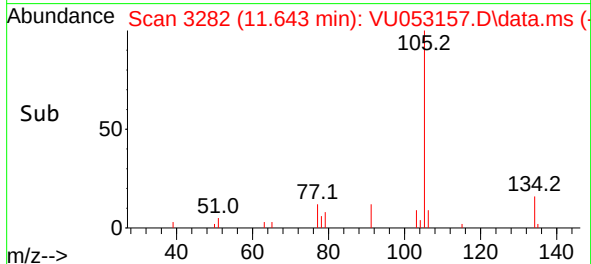
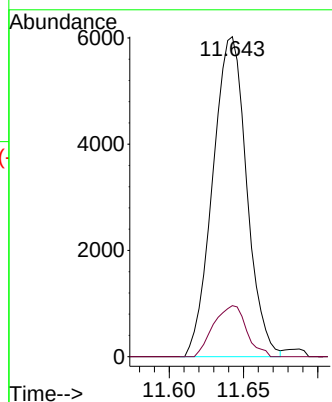
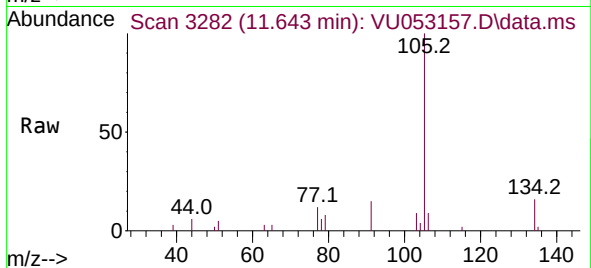
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:105 Resp: 9585

Ion Ratio Lower Upper

105 100

134 15.4 14.4 21.6



#80

Nitrobenzene

Concen: 0.598 ug/l

RT: 13.215 min Scan# 3771

Delta R.T. 0.009 min

Lab File: VU053157.D

Acq: 27 Feb 2023 17:49

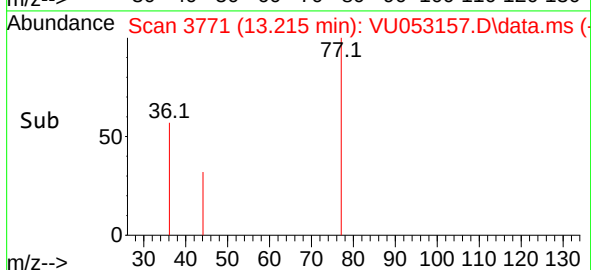
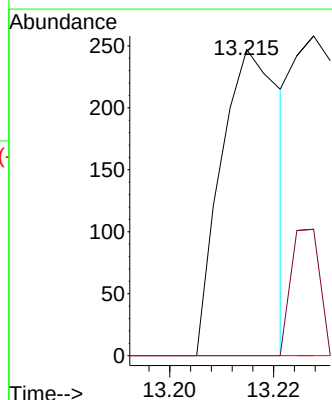
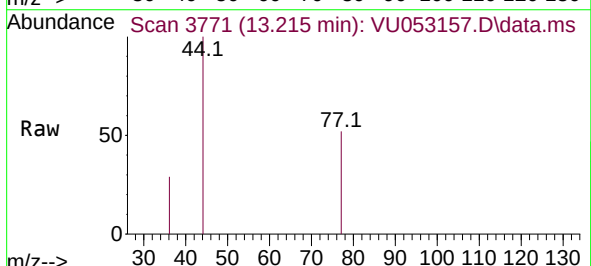
Tgt Ion: 77 Resp: 195

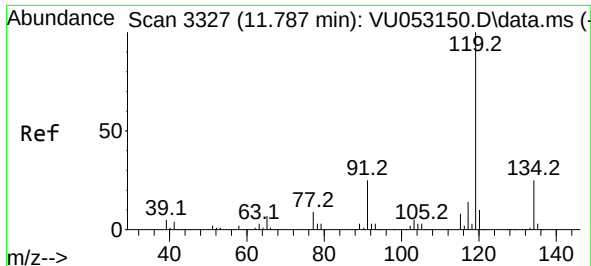
Ion Ratio Lower Upper

77 100

123 20.0 17.0 60.2

65 0.0 12.9 16.5#

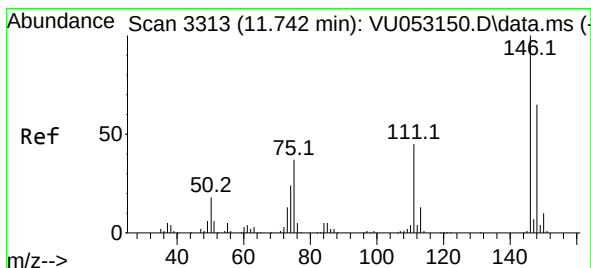
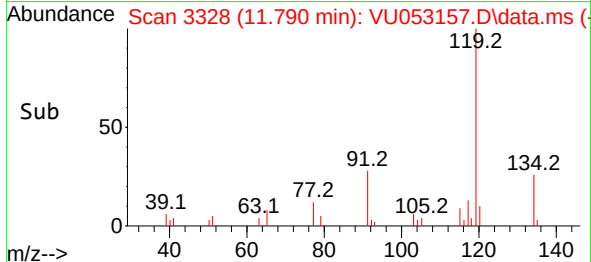
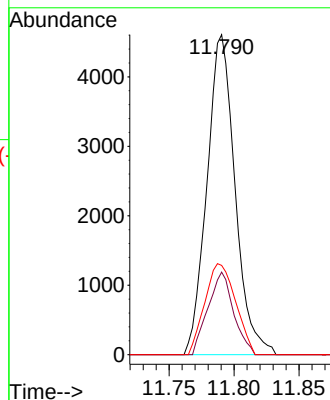
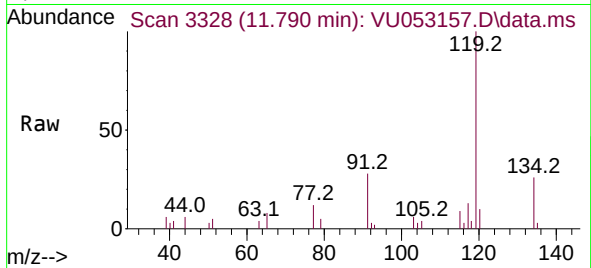




#81
p-Isopropyltoluene
Concen: 0.250 ug/l
RT: 11.790 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

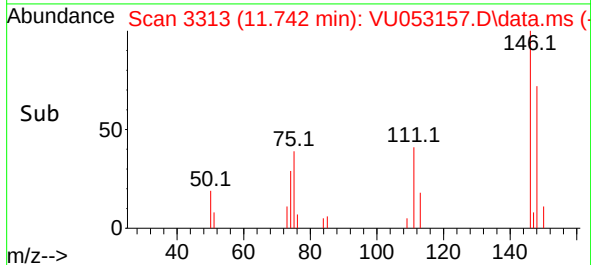
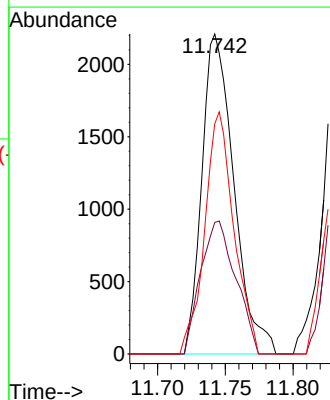
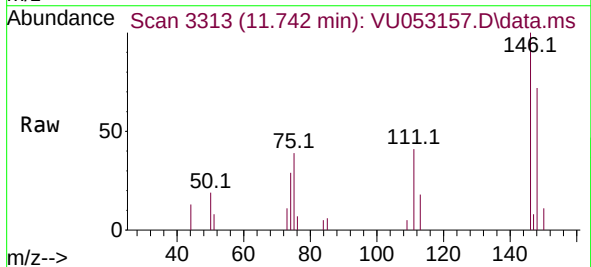
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

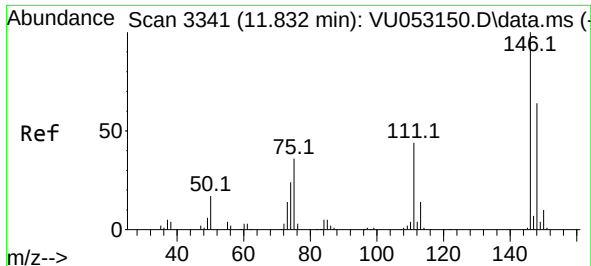
Tgt Ion:119 Resp: 6934
Ion Ratio Lower Upper
119 100
134 23.5 19.8 29.6
91 31.0 20.5 30.7#



#82
1,3-Dichlorobenzene
Concen: 0.275 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion:146 Resp: 3627
Ion Ratio Lower Upper
146 100
111 45.7 36.0 54.0
148 69.0 50.8 76.2

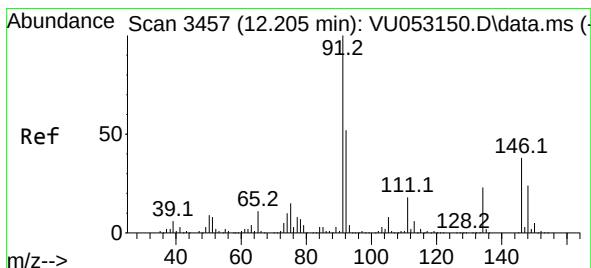
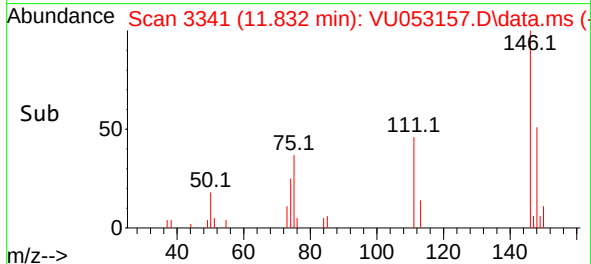
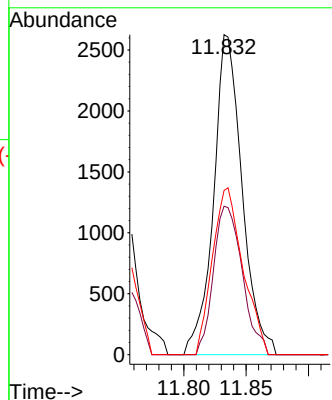
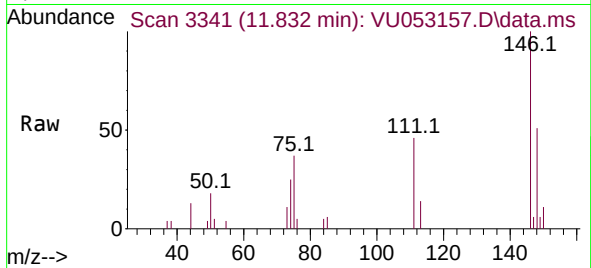




#83
1,4-Dichlorobenzene
Concen: 0.310 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

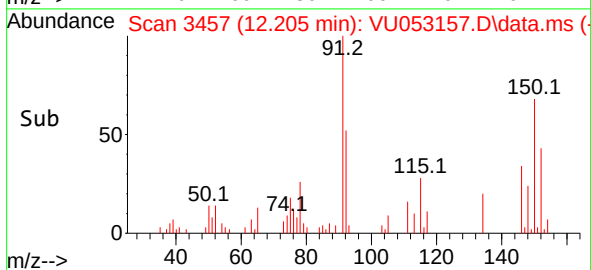
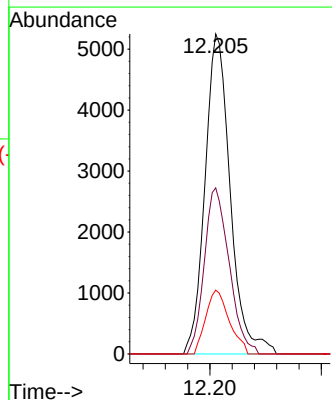
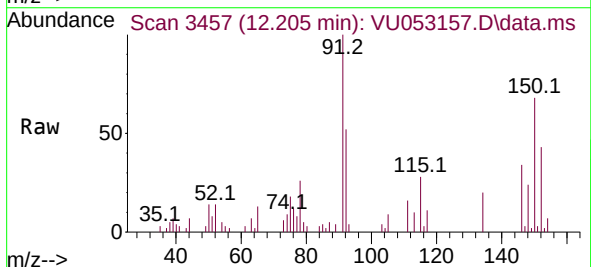
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

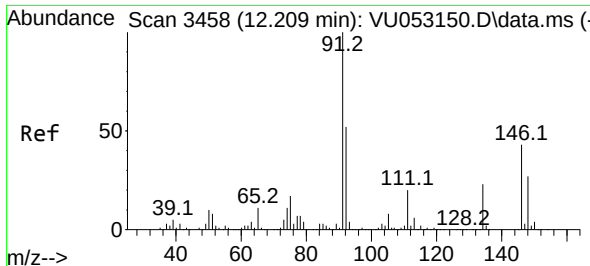
Tgt Ion:146 Resp: 4184
Ion Ratio Lower Upper
146 100
111 46.9 34.0 51.0
148 55.8 49.8 74.6



#84
n-Butylbenzene
Concen: 0.287 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 91 Resp: 8254
Ion Ratio Lower Upper
91 100
92 51.1 41.8 62.6
134 18.6 17.9 26.9

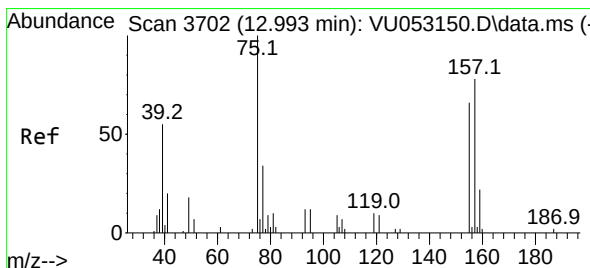
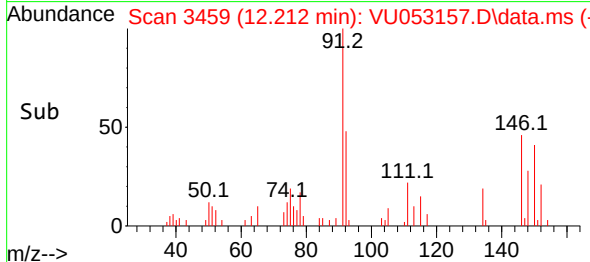
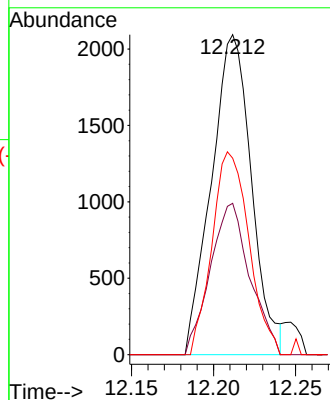
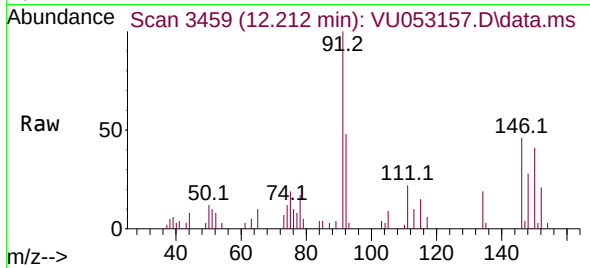




#85
1,2-Dichlorobenzene
Concen: 0.282 ug/l
RT: 12.212 min Scan# 3458
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

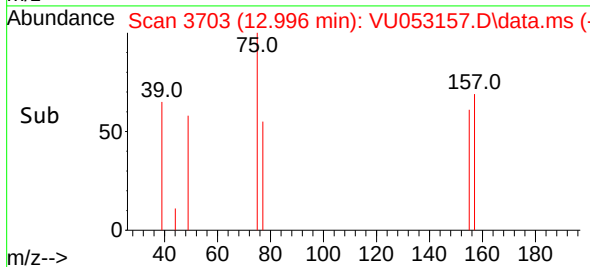
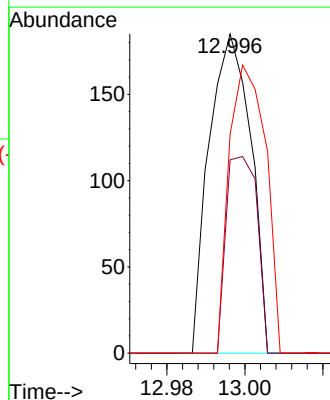
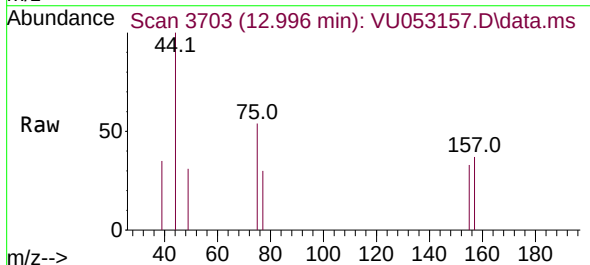
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

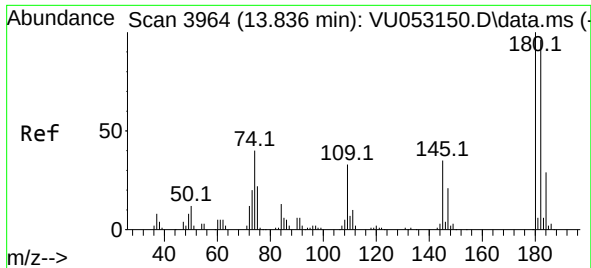
Tgt Ion:146 Resp: 3554
Ion Ratio Lower Upper
146 100
111 46.8 23.2 69.6
148 58.7 31.4 94.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.140 ug/l
RT: 12.996 min Scan# 3703
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion: 75 Resp: 137
Ion Ratio Lower Upper
75 100
155 46.0 53.4 80.0#
157 79.6 61.7 92.5

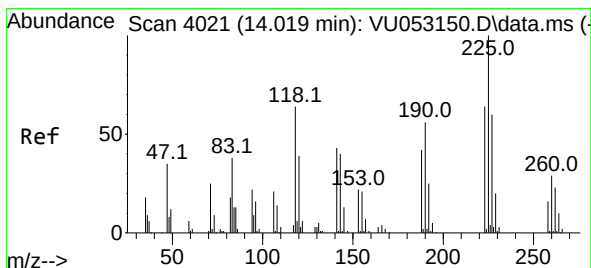
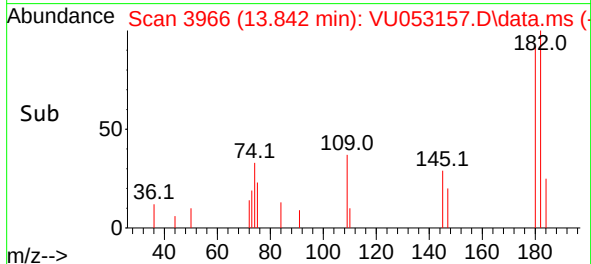
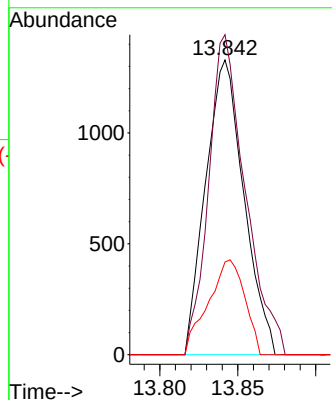
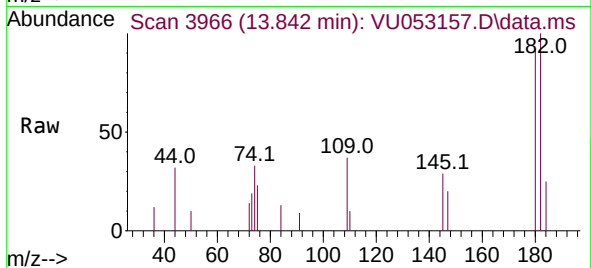




#87
1,2,4-Trichlorobenzene
Concen: 0.293 ug/l
RT: 13.842 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

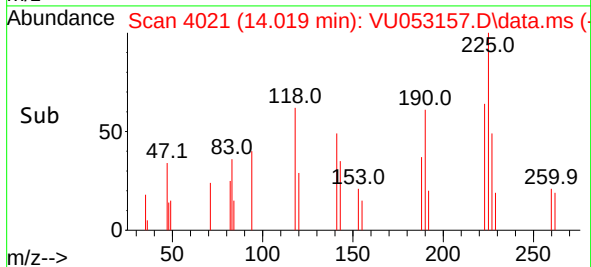
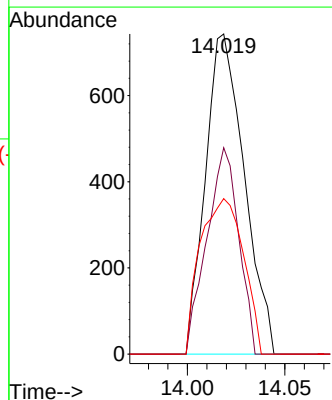
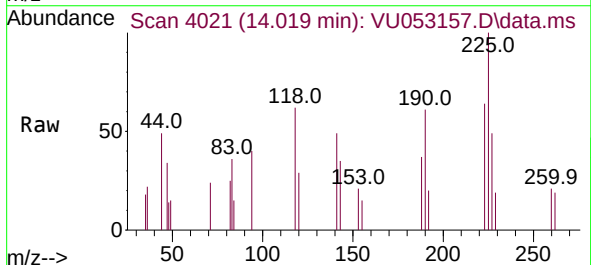
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

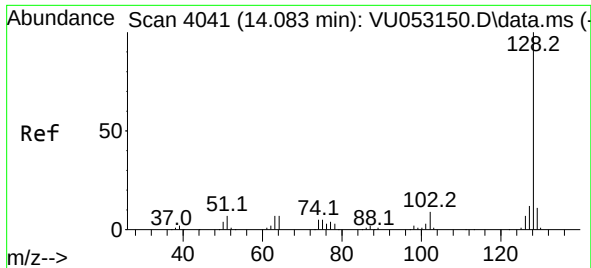
Tgt Ion:180 Resp: 2265
Ion Ratio Lower Upper
180 100
182 104.0 77.4 116.0
145 30.7 28.3 42.5



#88
Hexachlorobutadiene
Concen: 0.273 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. -0.000 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion:225 Resp: 1029
Ion Ratio Lower Upper
225 100
223 52.7 51.1 76.7
227 54.1 49.9 74.9

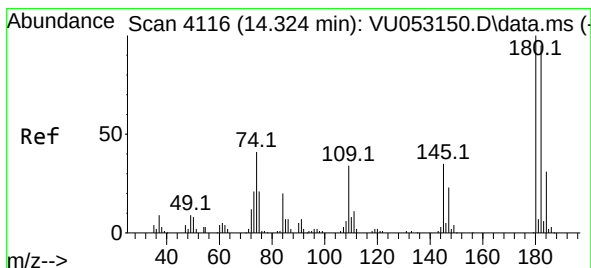
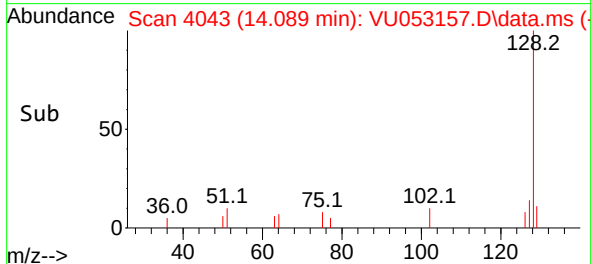
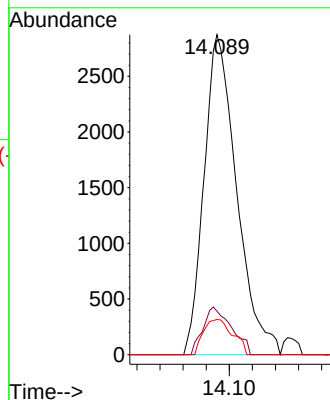
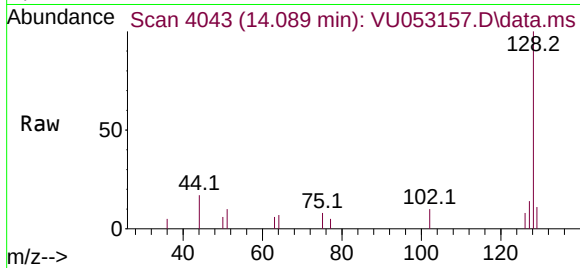




#89
Naphthalene
Concen: 0.343 ug/l
RT: 14.089 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:128	Resp:	5633	
Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.9	14.9
129	9.9	8.3	12.5



#90
1,2,3-Trichlorobenzene
Concen: 0.332 ug/l
RT: 14.327 min Scan# 4117
Delta R.T. 0.003 min
Lab File: VU053157.D
Acq: 27 Feb 2023 17:49

Tgt Ion:180	Resp:	2259	
Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	115.0
145	34.2	29.0	43.6

