

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
 Data File : VU054901.D
 Acq On : 27 Jul 2023 18:07
 Operator : MD/SY
 Sample : 03572-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Jul 28 05:48:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	24744	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8110	1.081	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
68) 1,2-Dichlorobenzene-d4	12.197	152	8281	0.977	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	1565	0.332	ug/l	83
3) Chloromethane	1.515	50	2211	0.418	ug/l	96
4) Vinyl Chloride	1.599	62	2660	0.376	ug/l	98
5) Bromomethane	1.853	94	2324	0.414	ug/l	98
6) Chloroethane	1.930	64	2141	0.293	ug/l	# 82
7) Trichlorofluoromethane	2.136	101	5590	0.337	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.580	101	1819	0.338	ug/l	96
9) 1,1-Dichloroethene	2.580	96	1751	0.410	ug/l	88
10) Iodomethane	2.718	142	2099	0.315	ug/l	92
11) Allyl Chloride	2.921	41	2261	0.443	ug/l	96
12) Acrylonitrile	3.351	53	590	0.550	ug/l	# 78
13) Acetone	2.647	43	1267	1.131	ug/l	89
14) Carbon Disulfide	2.785	76	2799	0.378	ug/l	# 85
15) Methylene Chloride	3.043	84	4280	0.737	ug/l	98
16) trans-1,2-Dichloroethene	3.351	96	1443	0.310	ug/l	# 82
17) 1,1-Dichloroethane	3.869	63	3891	0.374	ug/l	# 88
18) 2-Butanone	4.747	43	1452	1.027	ug/l	72
19) Cyclohexane	5.383	56	2199	0.376	ug/l	# 73
20) Methylcyclohexane	6.763	83	2646	0.338	ug/l	92
21) 2,2-Dichloropropane	4.660	77	3088	0.320	ug/l	98
22) cis-1,2-Dichloroethene	4.676	96	2360	0.382	ug/l	89
23) Diethyl Ether	2.374	59	2582	0.410	ug/l	95
25) Methyl tert-Butyl Ether	3.367	73	5810	0.440	ug/l	# 80
26) Bromochloromethane	4.985	128	632	0.249	ug/l	# 60
27) Chloroform	5.091	83	4246	0.380	ug/l	97
28) 1,1,1-Trichloroethane	5.319	97	3578	0.371	ug/l	94
29) 1,1-Dichloropropene	5.522	75	2583	0.363	ug/l	# 86
30) Carbon Tetrachloride	5.522	117	2738	0.340	ug/l	96
31) Isopropyl Ether	3.982	45	3370	0.220	ug/l	# 46
32) Ethyl-t-butyl ether	4.502	59	6336	0.401	ug/l	# 56
33) Tert-Amyl methyl ether	5.936	73	5686	0.380	ug/l	# 84
34) Propionitrile	4.818	54	220	0.565	ug/l	# 42
35) Benzene	5.772	78	7667	0.344	ug/l	99
36) 1,2-Dichloroethane	5.798	62	2423	0.382	ug/l	# 89
37) Trichloroethene	6.547	130	2504	0.418	ug/l	99
38) 1,2-Dichloropropane	6.792	63	2564	0.407	ug/l	# 83
39) Methacrylonitrile	4.988	41	336	0.215	ug/l	# 84
41) Tetrahydrofuran	5.065	42	217	0.243	ug/l	# 58
42) 1-Chlorobutane	5.457	56	3502	0.376	ug/l	97
43) Dibromomethane	6.917	93	788	0.266	ug/l	# 70
44) Bromodichloromethane	7.104	83	3168	0.384	ug/l	# 87
45) 4-Methyl-2-Pentanone	7.795	43	7237	2.096	ug/l	92
46) t-1,4-Dichloro-2-butene	10.821	75	2552	1.837	ug/l	# 41

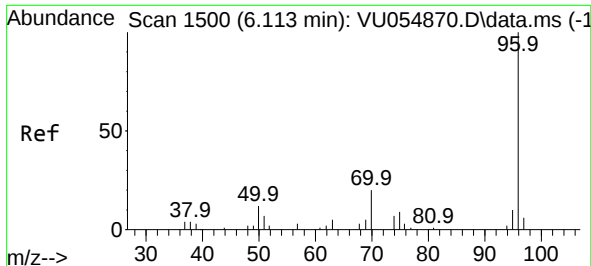
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.962	69	1853	0.685	ug/l #	85
48) Ethyl methacrylate	8.332	69	2141	0.391	ug/l	91
49) Toluene	7.969	92	5552	0.391	ug/l	99
50) t-1,3-Dichloropropene	8.216	75	2507	0.342	ug/l #	88
51) cis-1,3-Dichloropropene	7.612	75	3138	0.349	ug/l	93
52) 1,1,2-Trichloroethane	8.399	97	1726	0.368	ug/l #	84
53) 1,3-Dichloropropane	8.576	76	3152	0.415	ug/l	93
54) 2-Hexanone	8.692	43	4914	2.003	ug/l	100
55) Dibromochloromethane	8.811	129	1830	0.340	ug/l	94
56) 1,2-Dibromoethane	8.927	107	1586	0.399	ug/l	94
58) Tetrachloroethene	8.550	164	1967	0.376	ug/l #	81
59) Chlorobenzene	9.451	112	6416	0.372	ug/l	90
60) 1,1,1,2-Tetrachloroethane	9.534	131	2147	0.353	ug/l	92
61) Pentachloroethane	11.431	117	1403	0.295	ug/l	100
62) Hexachloroethane	12.473	117	1279	0.262	ug/l	97
63) Ethyl Benzene	9.567	91	11128	0.385	ug/l	95
64) m/p-Xylenes	9.695	106	7356	0.680	ug/l	88
65) o-Xylene	10.097	106	3677	0.331	ug/l	83
66) Styrene	10.116	104	6182	0.348	ug/l	97
69) Isopropylbenzene	10.480	105	11302	0.379	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.782	83	2149	0.370	ug/l #	98
71) 1,2,3-Trichloropropane	10.821	75	2552	0.617	ug/l #	61
72) Bromobenzene	10.785	156	2665	0.401	ug/l	94
73) n-propylbenzene	10.907	120	2744	0.344	ug/l	96
74) 2-Chlorotoluene	10.985	126	2607	0.377	ug/l	96
75) 1,3,5-Trimethylbenzene	11.087	105	9037	0.374	ug/l	93
76) 4-Chlorotoluene	11.100	126	2931	0.408	ug/l	88
77) tert-Butylbenzene	11.419	119	8695	0.346	ug/l	96
78) 1,2,4-Trimethylbenzene	11.470	105	7477	0.302	ug/l	85
79) sec-Butylbenzene	11.644	105	11504	0.352	ug/l	95
81) p-Isopropyltoluene	11.792	119	7688	0.298	ug/l	97
82) 1,3-Dichlorobenzene	11.747	146	5344	0.378	ug/l	92
83) 1,4-Dichlorobenzene	11.840	146	5619	0.399	ug/l	99
84) n-Butylbenzene	12.210	91	7557	0.326	ug/l #	95
85) 1,2-Dichlorobenzene	12.213	146	5528	0.408	ug/l	98
87) 1,2,4-Trichlorobenzene	13.843	180	3220	0.373	ug/l	98
88) Hexachlorobutadiene	14.017	225	1652	0.358	ug/l	93
89) Naphthalene	14.087	128	5033	0.376	ug/l #	91
90) 1,2,3-Trichlorobenzene	14.332	180	3268	0.426	ug/l	97

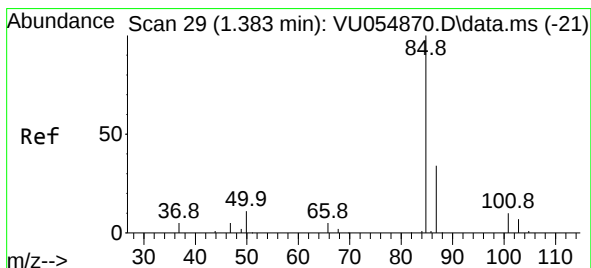
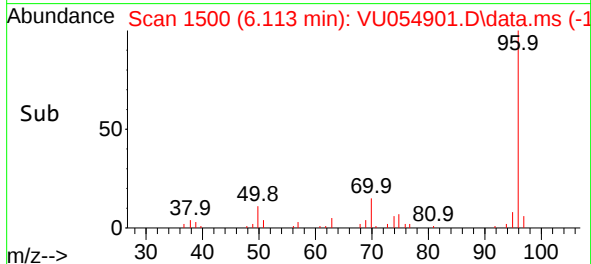
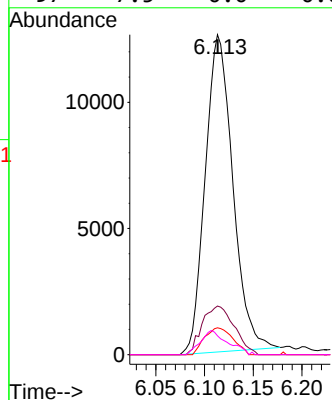
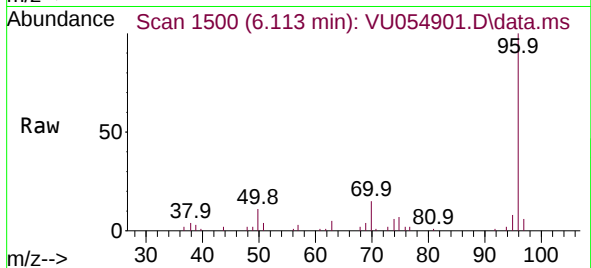
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

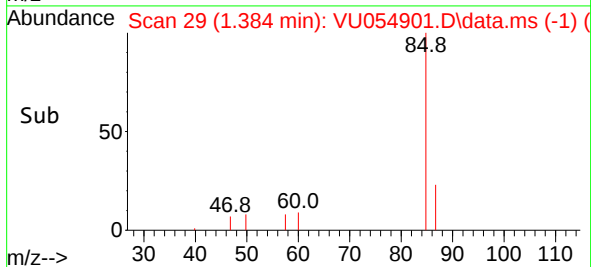
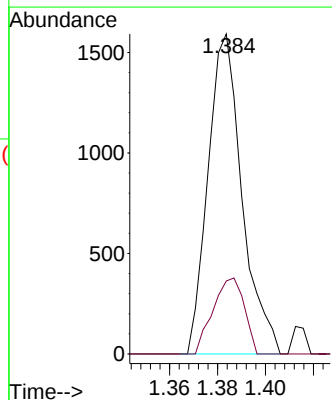
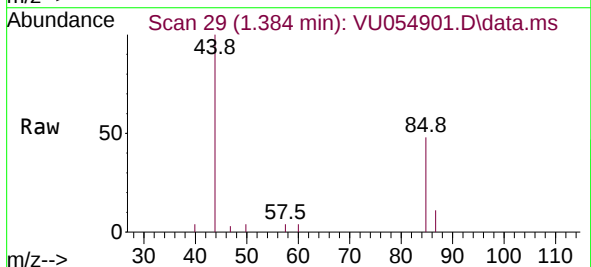
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

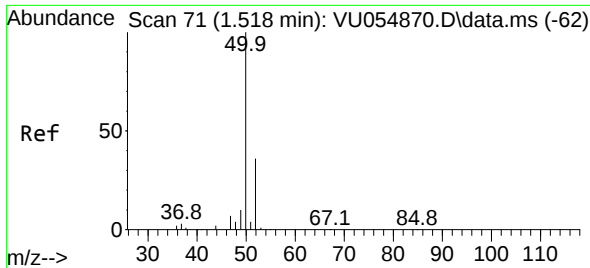
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Ion	Ratio	Lower	Upper
96	100		
70	17.8	14.0	21.0
95	8.7	8.7	13.1#
97	7.5	0.0	0.0#



#2
Dichlorodifluoromethane
Concen: 0.332 ug/l
RT: 1.384 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion:	85	Resp:	1565
Ion	Ratio	Lower	Upper
85	100		
87	22.8	16.2	48.6

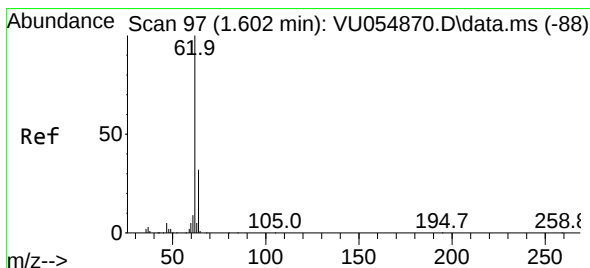
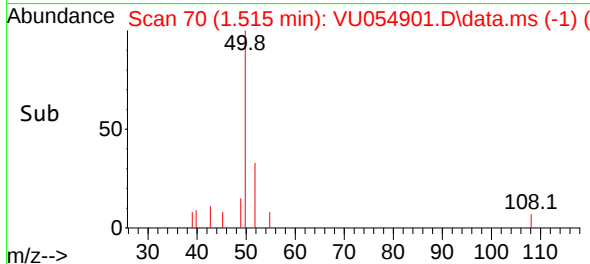
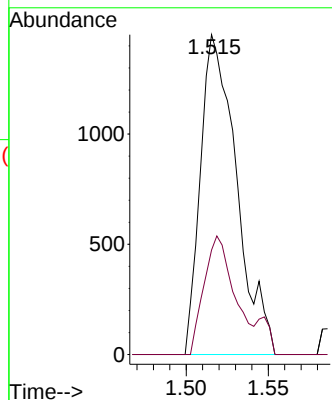
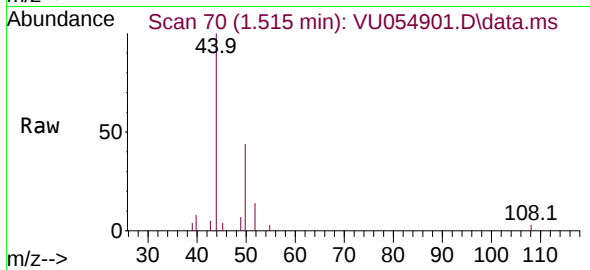




#3
Chloromethane
Concen: 0.418 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

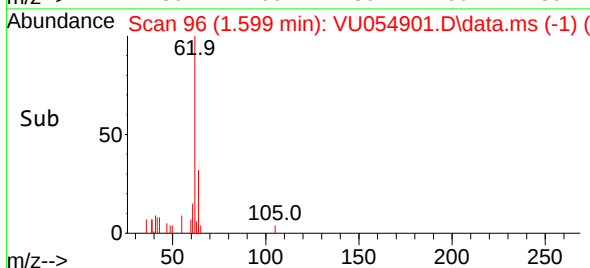
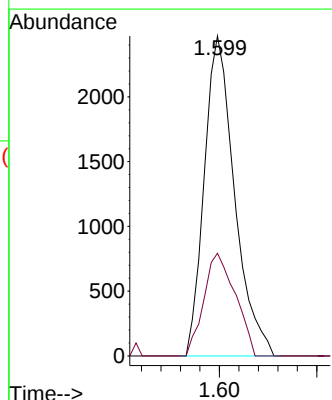
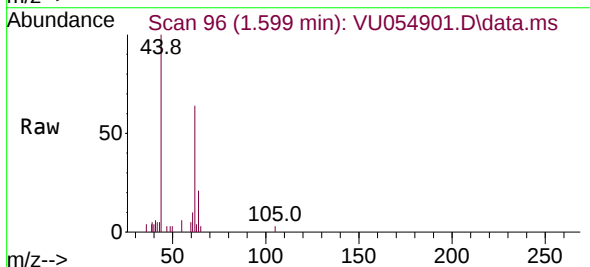
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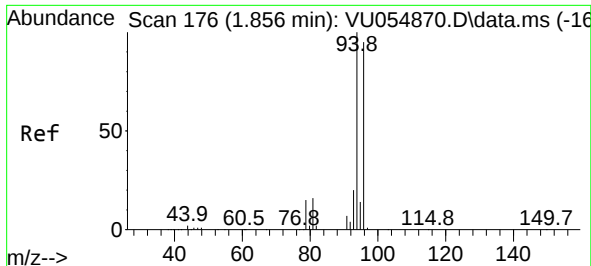
Tgt Ion: 50 Resp: 2211
Ion Ratio Lower Upper
50 100
52 32.7 28.2 42.2



#4
Vinyl Chloride
Concen: 0.376 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 62 Resp: 2660
Ion Ratio Lower Upper
62 100
64 32.1 26.4 39.6

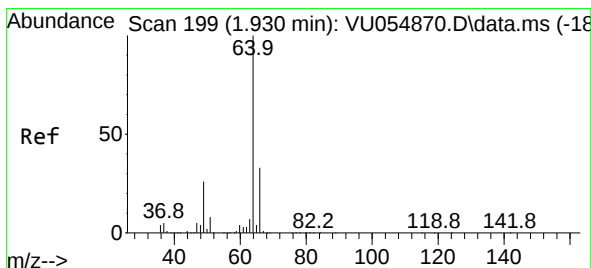
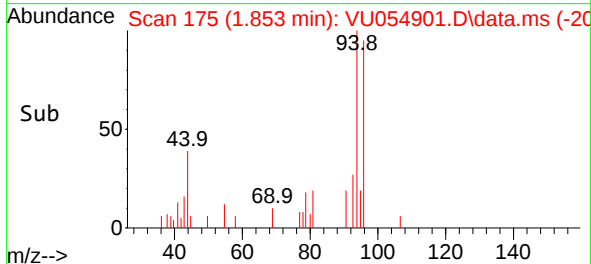
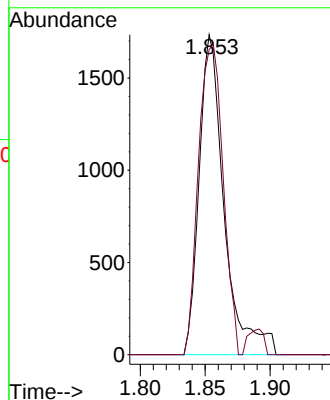
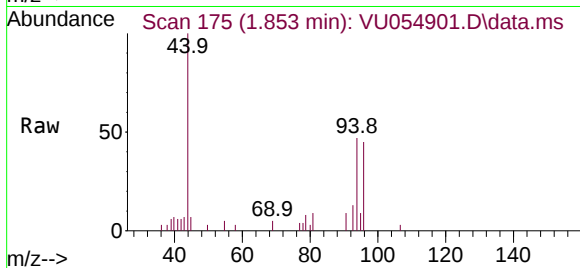




#5
Bromomethane
Concen: 0.414 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

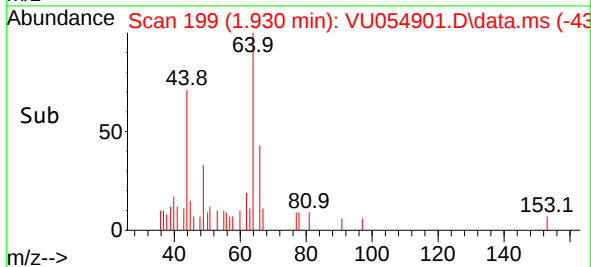
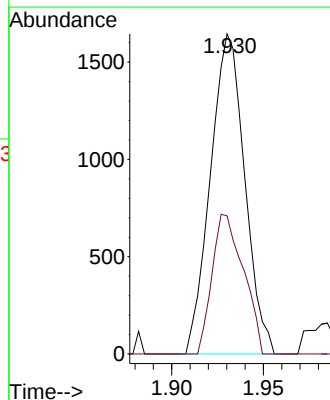
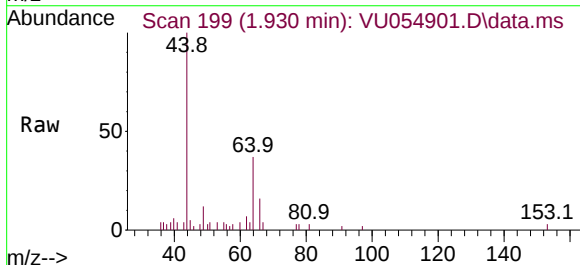
Instrument :
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MDL-WATER-03-QT3-2023

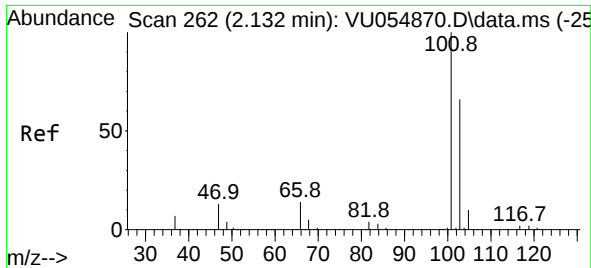
Tgt Ion: 94 Resp: 2324
Ion Ratio Lower Upper
94 100
96 95.3 74.6 111.8



#6
Chloroethane
Concen: 0.293 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 64 Resp: 2141
Ion Ratio Lower Upper
64 100
66 43.2 26.2 39.4#

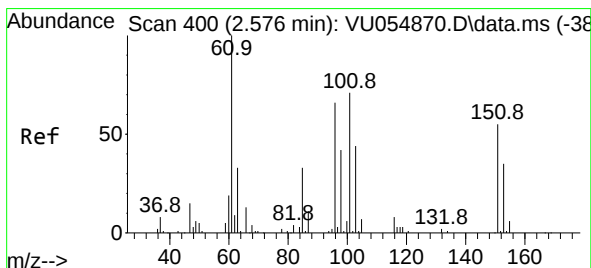
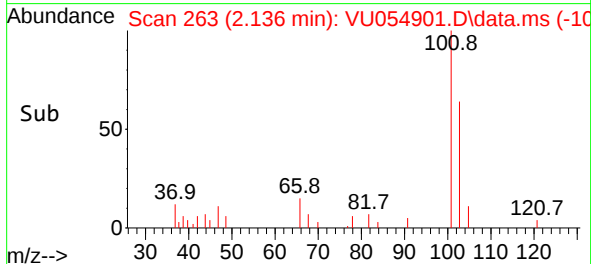
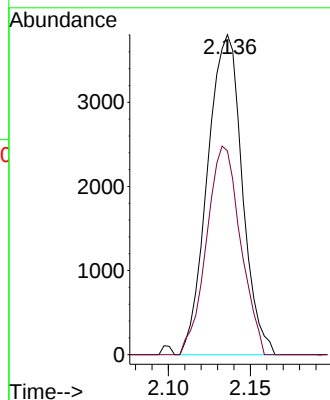
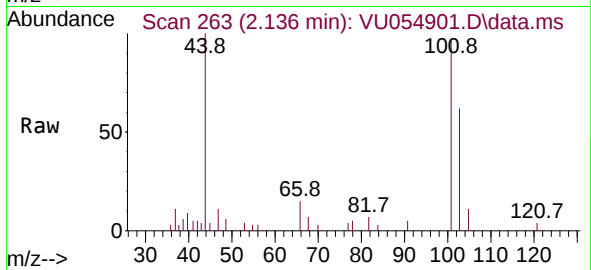




#7
Trichlorofluoromethane
Concen: 0.337 ug/l
RT: 2.136 min Scan# 2
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

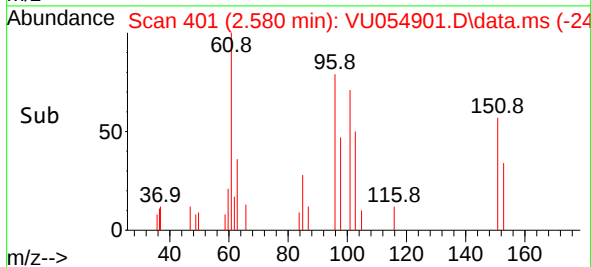
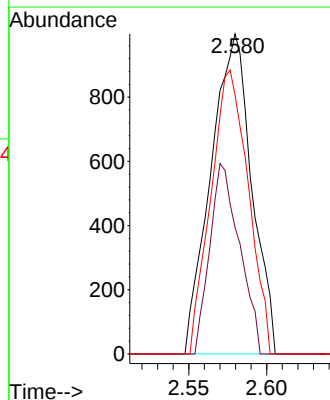
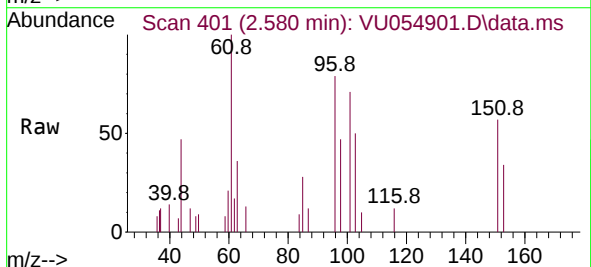
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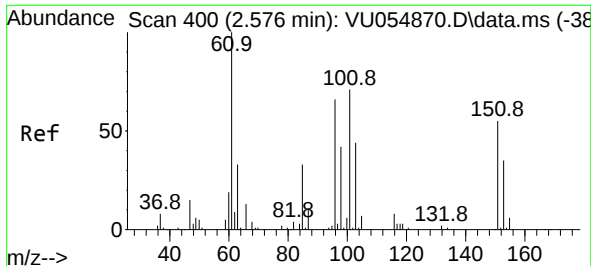
Tgt Ion:101 Resp: 5590
Ion Ratio Lower Upper
101 100
103 63.7 52.9 79.3



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.338 ug/l
RT: 2.580 min Scan# 401
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion:101 Resp: 1819
Ion Ratio Lower Upper
101 100
85 43.3 34.8 52.2
151 81.0 60.5 90.7

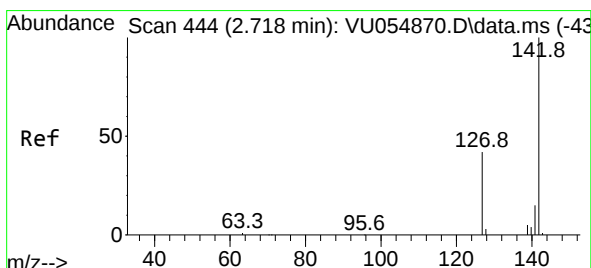
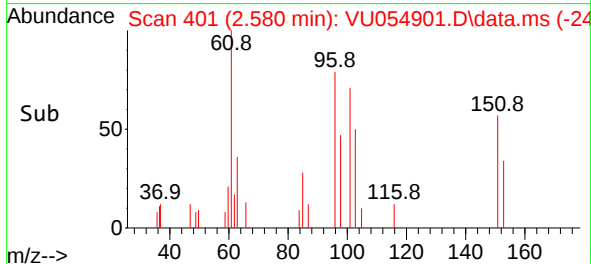
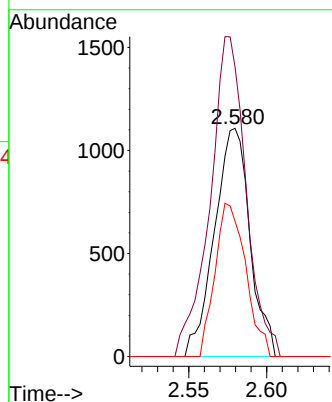
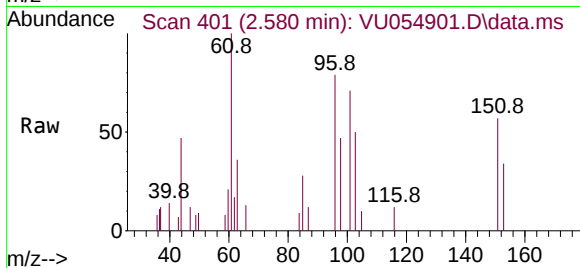




#9
1,1-Dichloroethene
Concen: 0.410 ug/l
RT: 2.580 min Scan# 400
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

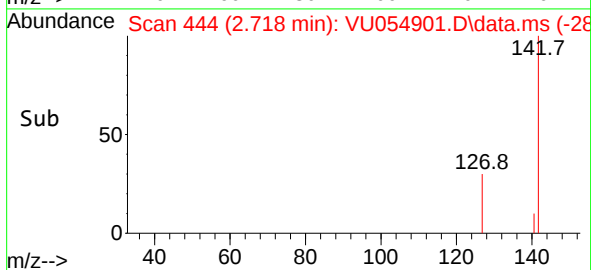
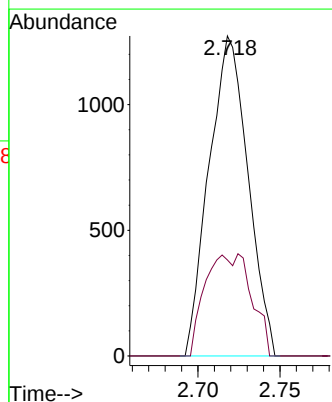
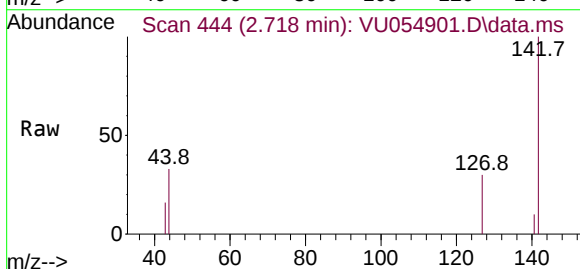
Instrument :
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ClientSampleId :
MDL-WATER-03-QT3-2023

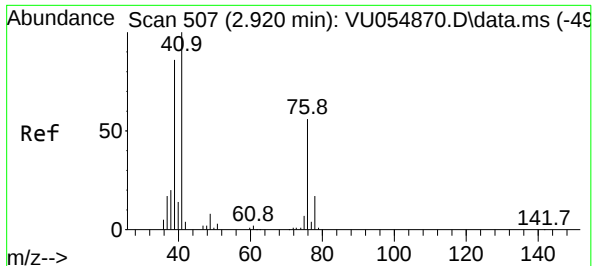
Tgt Ion: 96 Resp: 1751
Ion Ratio Lower Upper
96 100
61 126.8 0.0 440.1
98 59.3 0.0 121.8



#10
Iodomethane
Concen: 0.315 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 142 Resp: 2099
Ion Ratio Lower Upper
142 100
127 38.1 34.3 51.5





#11

Allyl Chloride

Concen: 0.443 ug/l

RT: 2.921 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

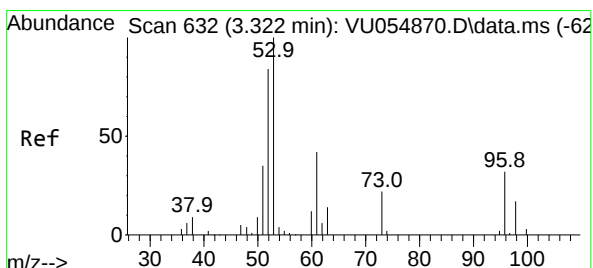
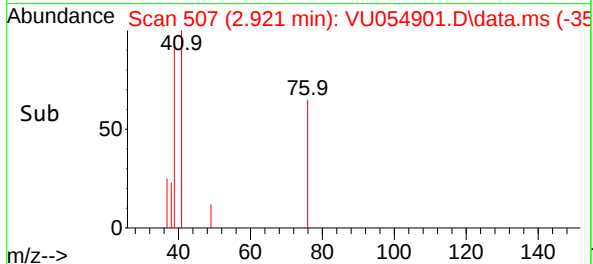
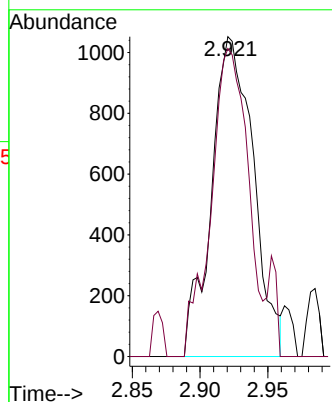
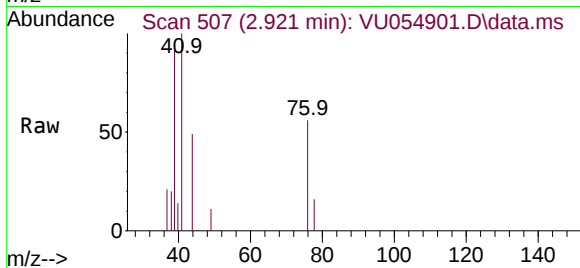
MDL-WATER-03-QT3-2023

Tgt Ion: 41 Resp: 2261

Ion Ratio Lower Upper

41 100

39 84.4 70.2 105.2



#12

Acrylonitrile

Concen: 0.550 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.029 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

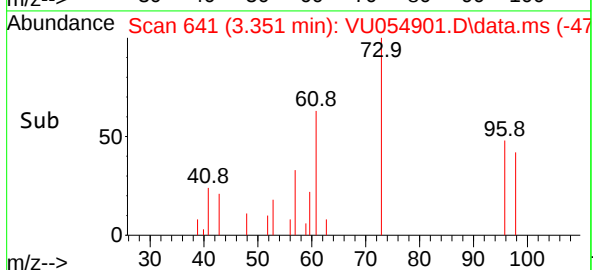
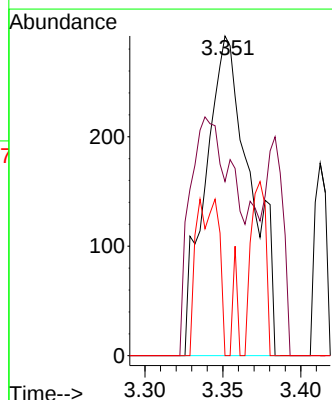
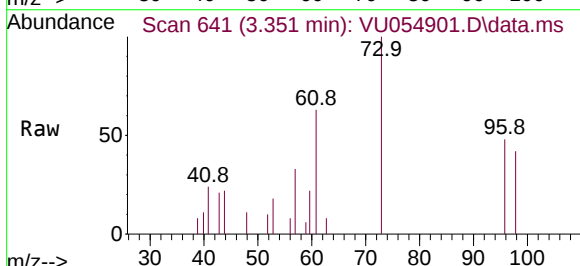
Tgt Ion: 53 Resp: 590

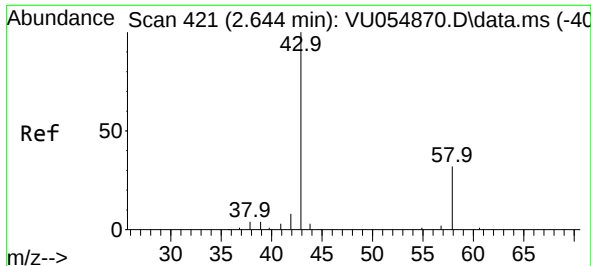
Ion Ratio Lower Upper

53 100

52 72.9 64.2 96.4

51 12.0 33.6 50.4#





#13

Acetone

Concen: 1.131 ug/l

RT: 2.647 min Scan# 41

Delta R.T. 0.004 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

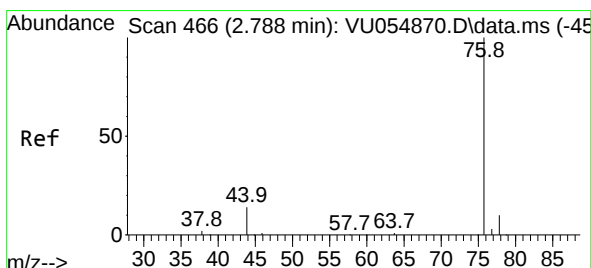
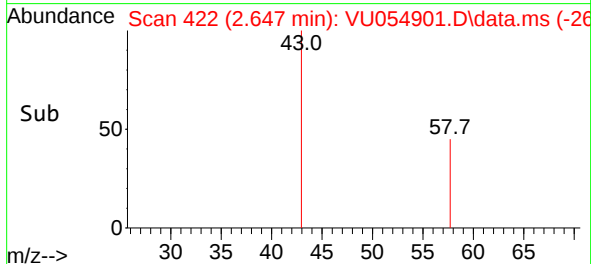
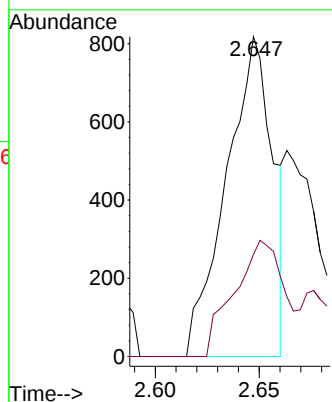
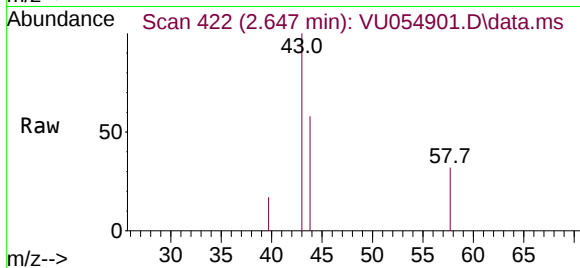
MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 1267

Ion Ratio Lower Upper

43 100

58 31.9 30.7 46.1



#14

Carbon Disulfide

Concen: 0.378 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU054901.D

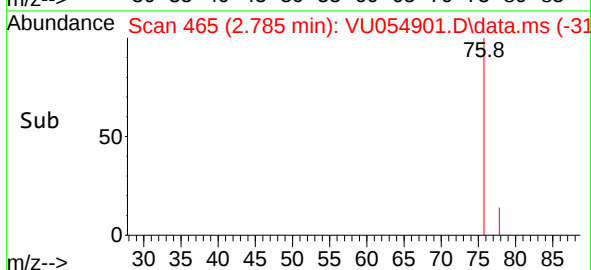
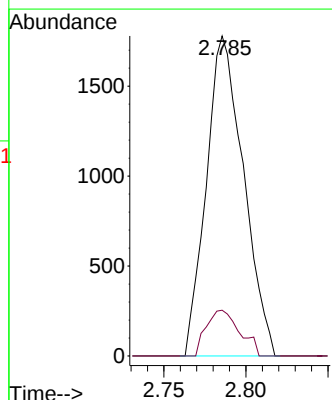
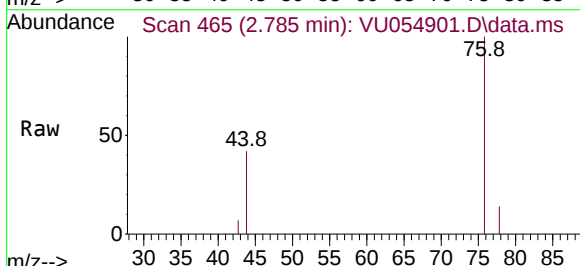
Acq: 27 Jul 2023 18:07

Tgt Ion: 76 Resp: 2799

Ion Ratio Lower Upper

76 100

78 14.3 7.1 10.7#

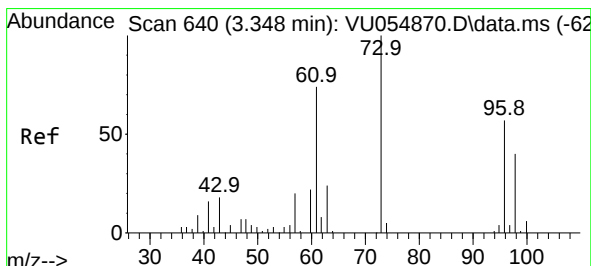
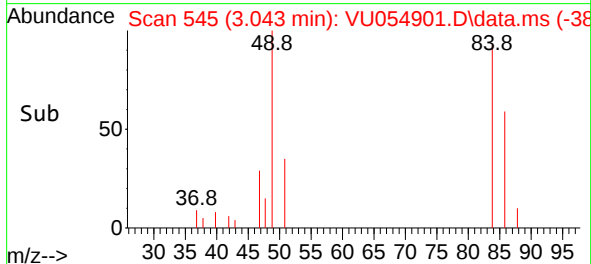
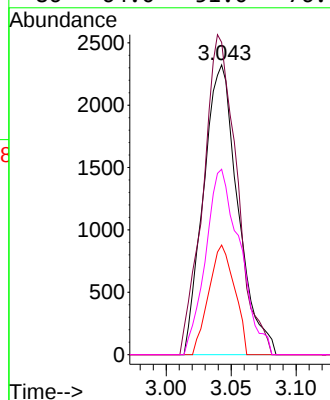
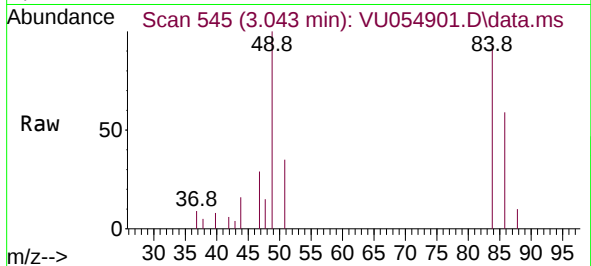




#15
Methylene Chloride
Concen: 0.737 ug/l
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

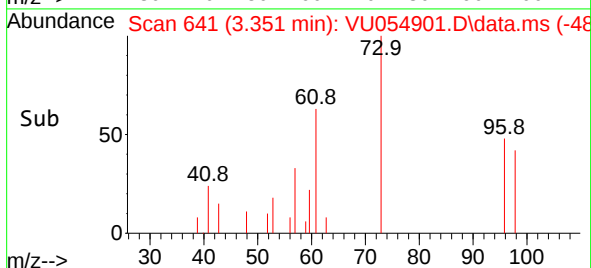
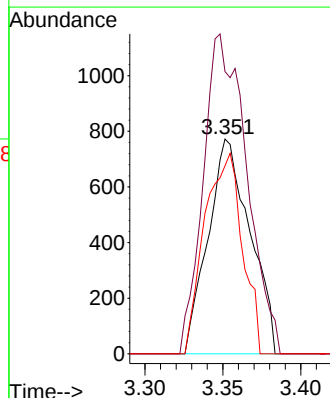
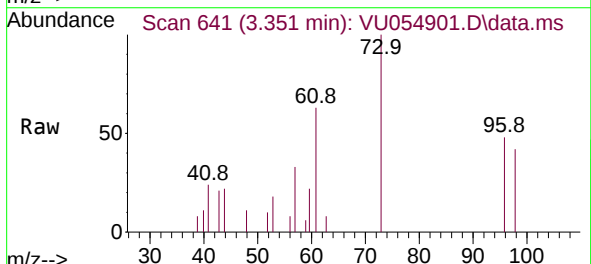
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

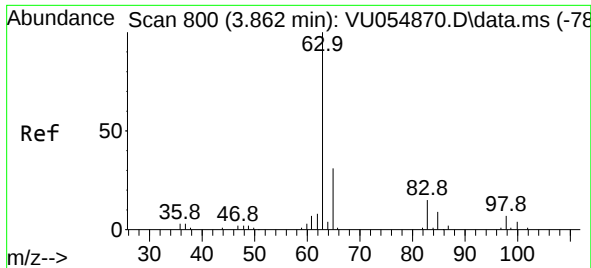
Tgt Ion:	84	Resp:	4280
Ion	Ratio	Lower	Upper
84	100		
49	107.8	87.8	131.6
51	37.8	0.0	68.2
86	64.0	51.0	76.4



#16
trans-1,2-Dichloroethene
Concen: 0.310 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion:	96	Resp:	1443
Ion	Ratio	Lower	Upper
96	100		
61	131.5	96.4	144.6
98	87.6	49.3	73.9#

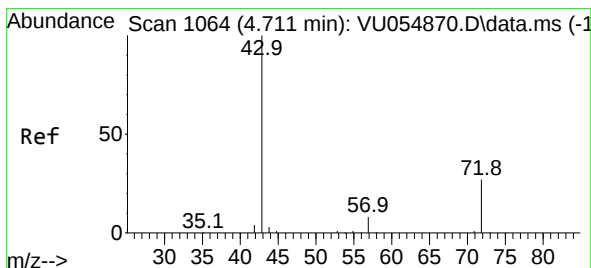
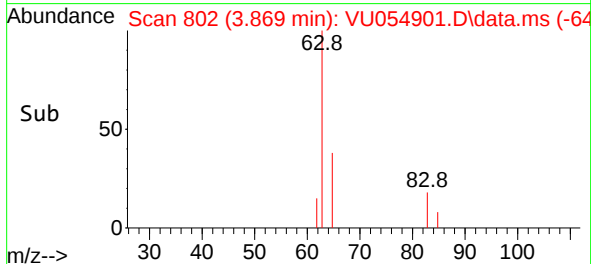
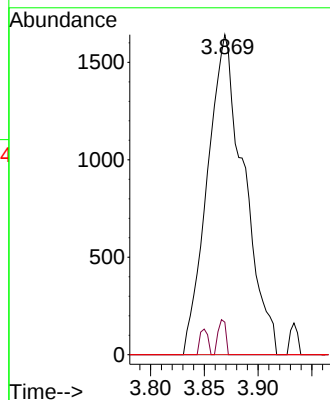
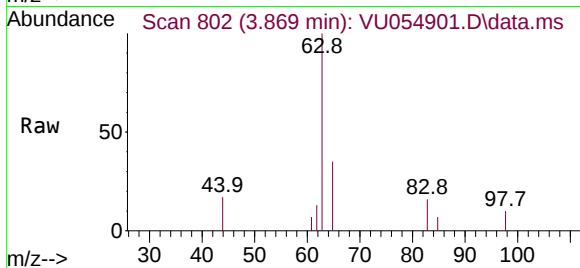




#17
 1,1-Dichloroethane
 Concen: 0.374 ug/l
 RT: 3.869 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VU054901.D
 Acq: 27 Jul 2023 18:07

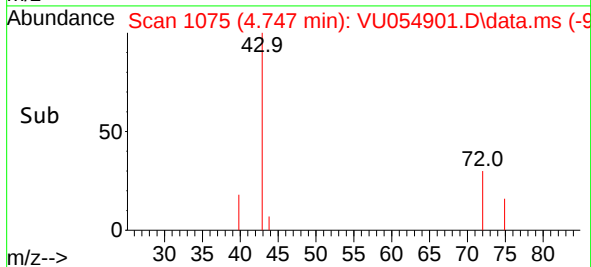
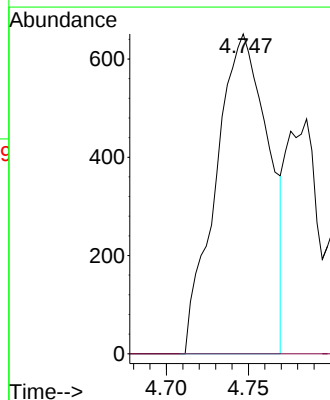
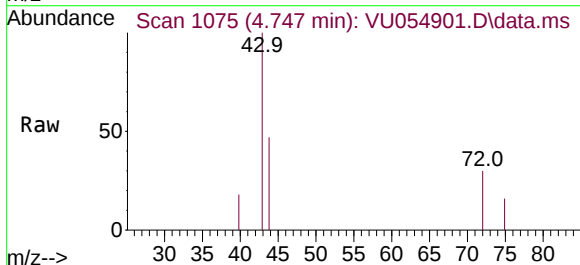
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2023

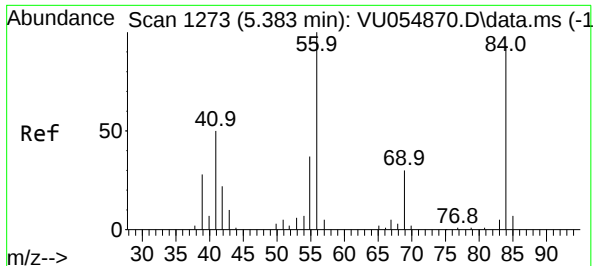
Tgt Ion: 63 Resp: 3891
 Ion Ratio Lower Upper
 63 100
 98 10.2 3.6 10.8
 100 0.0 2.8 8.4#



#18
 2-Butanone
 Concen: 1.027 ug/l
 RT: 4.747 min Scan# 1075
 Delta R.T. 0.036 min
 Lab File: VU054901.D
 Acq: 27 Jul 2023 18:07

Tgt Ion: 43 Resp: 1452
 Ion Ratio Lower Upper
 43 100
 57 0.0 0.0 20.8





#19

Cyclohexane

Concen: 0.376 ug/l

RT: 5.383 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2023

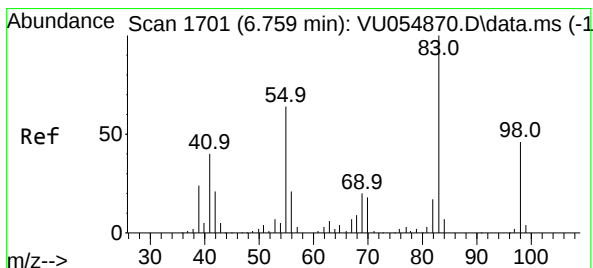
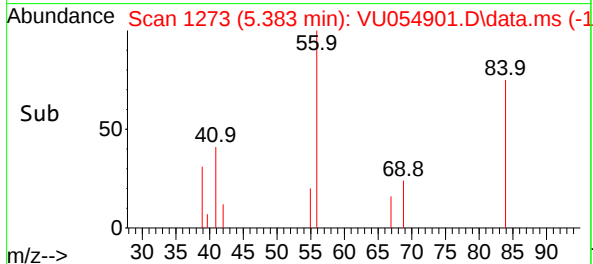
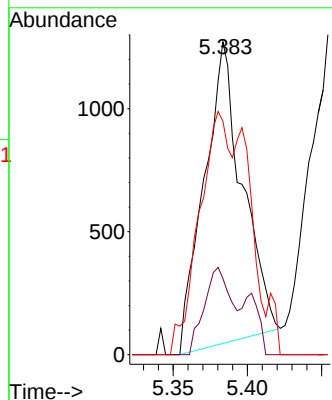
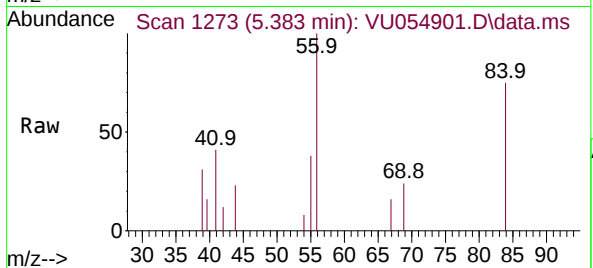
Tgt Ion: 56 Resp: 2199

Ion Ratio Lower Upper

56 100

69 20.3 24.7 37.1#

84 66.9 76.5 114.7#



#20

Methylcyclohexane

Concen: 0.338 ug/l

RT: 6.763 min Scan# 1702

Delta R.T. 0.004 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

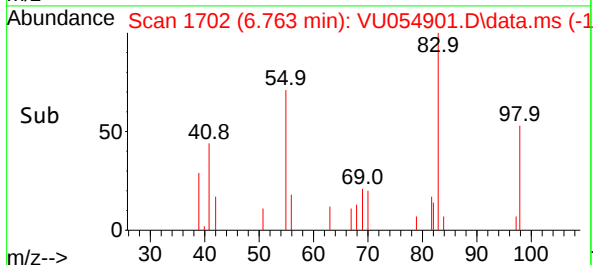
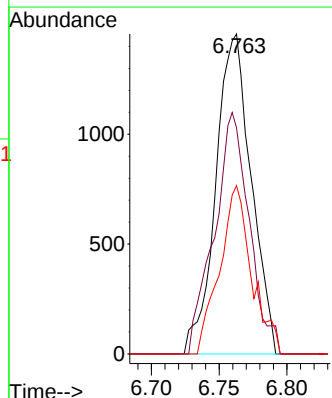
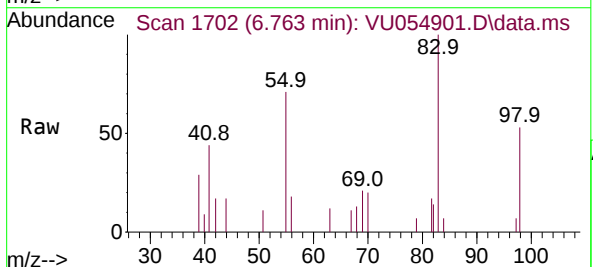
Tgt Ion: 83 Resp: 2646

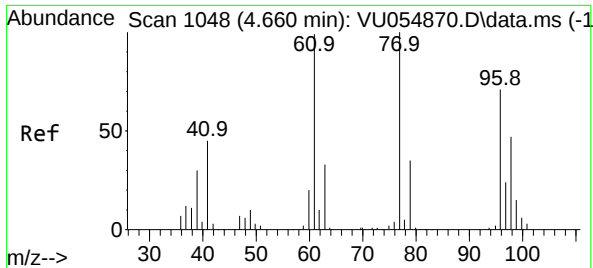
Ion Ratio Lower Upper

83 100

55 74.8 51.6 77.4

98 47.5 38.2 57.2

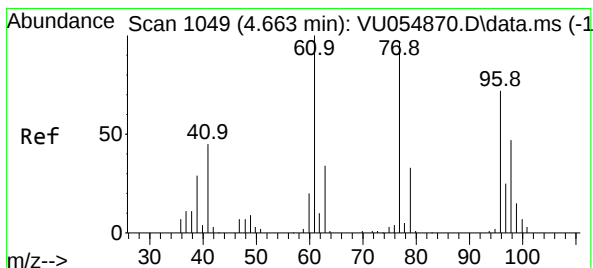
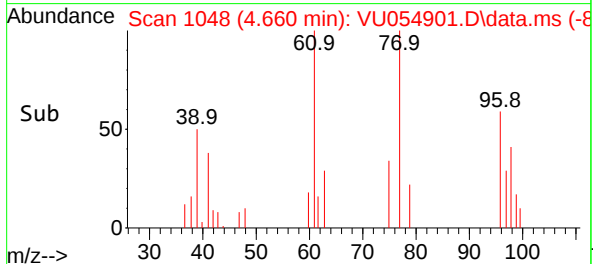
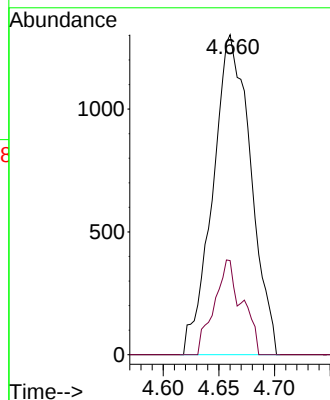
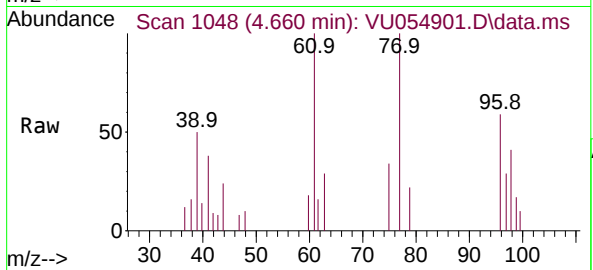




#21
2,2-Dichloropropane
Concen: 0.320 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

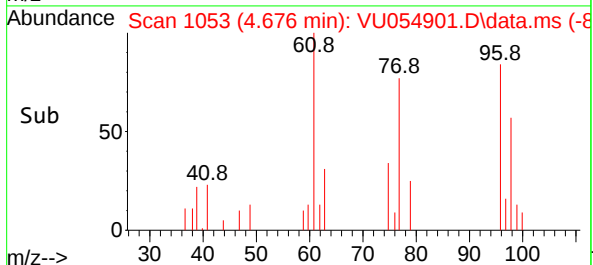
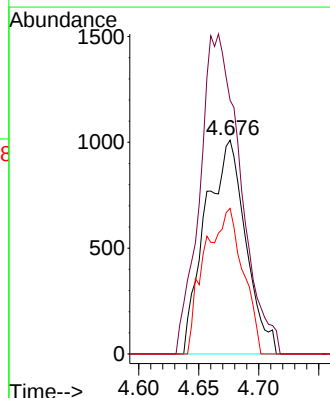
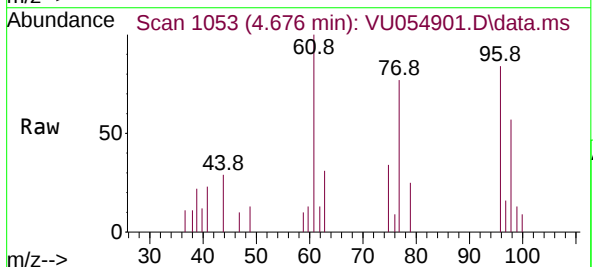
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

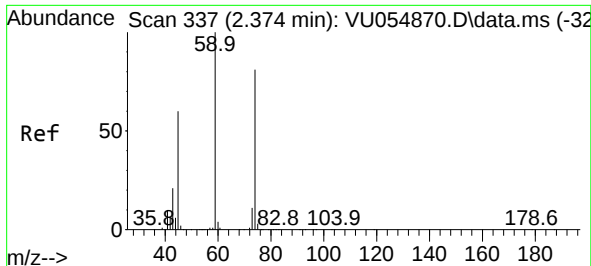
Tgt Ion: 77 Resp: 3088
Ion Ratio Lower Upper
77 100
97 21.6 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 0.382 ug/l
RT: 4.676 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 96 Resp: 2360
Ion Ratio Lower Upper
96 100
61 151.4 0.0 332.0
98 64.7 32.5 97.5

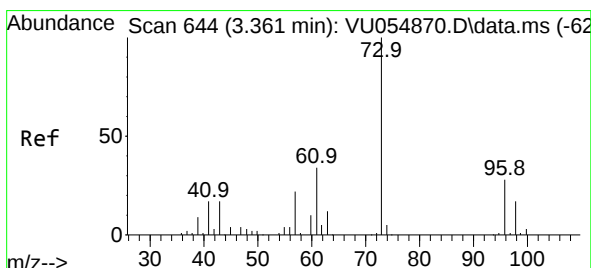
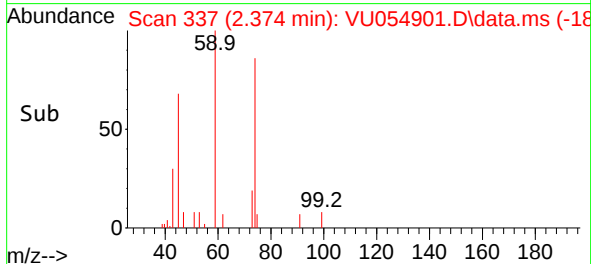
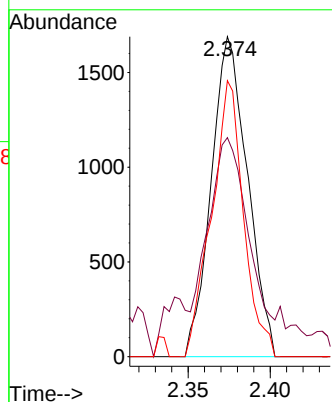
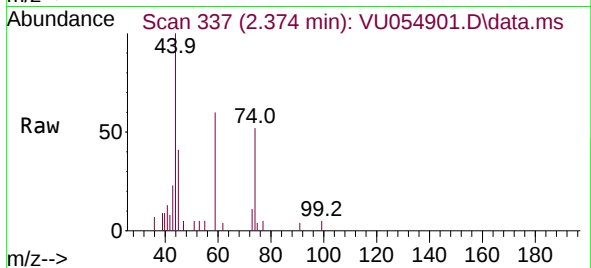




#23
Diethyl Ether
Concen: 0.410 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

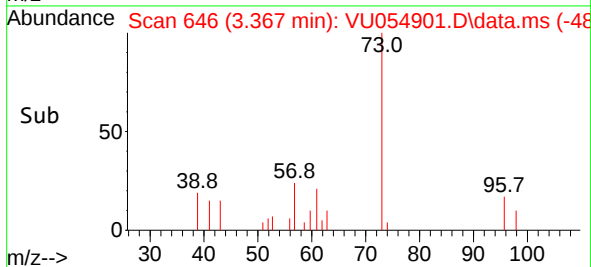
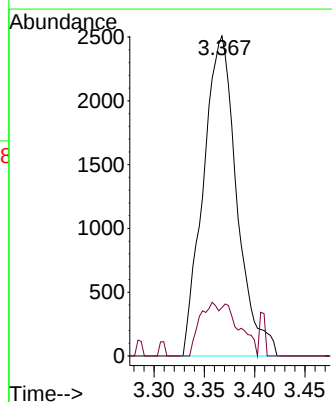
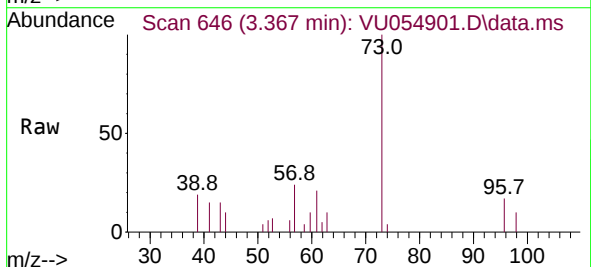
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

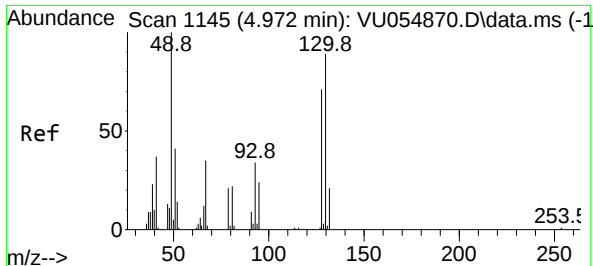
Tgt Ion: 59 Resp: 2582
Ion Ratio Lower Upper
59 100
45 70.4 51.4 77.0
74 76.4 63.1 94.7



#25
Methyl tert-Butyl Ether
Concen: 0.440 ug/l
RT: 3.367 min Scan# 646
Delta R.T. 0.007 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 73 Resp: 5810
Ion Ratio Lower Upper
73 100
43 9.5 14.6 22.0#

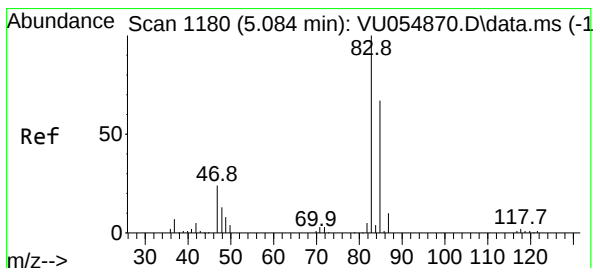
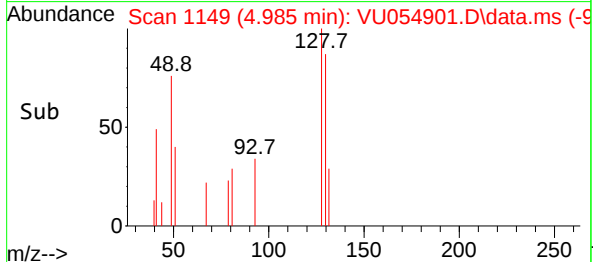
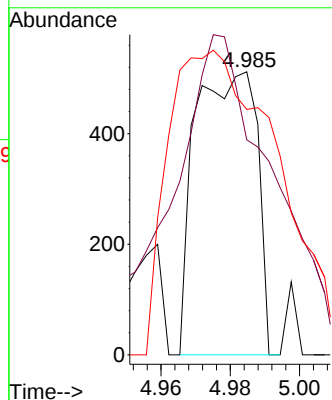
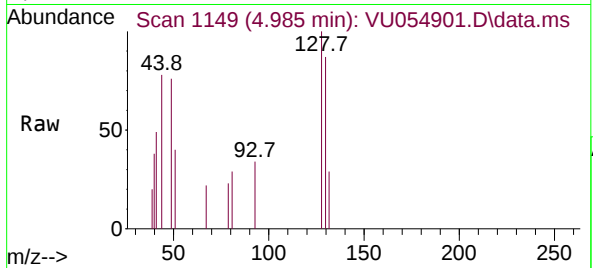




#26
Bromochloromethane
Concen: 0.249 ug/l
RT: 4.985 min Scan# 1145
Delta R.T. 0.013 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

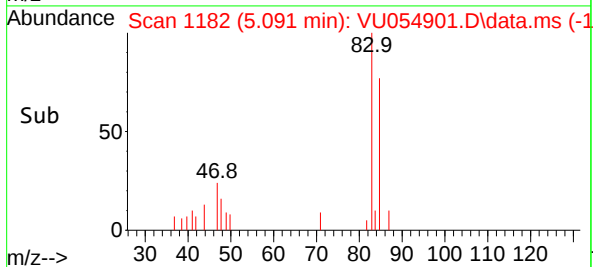
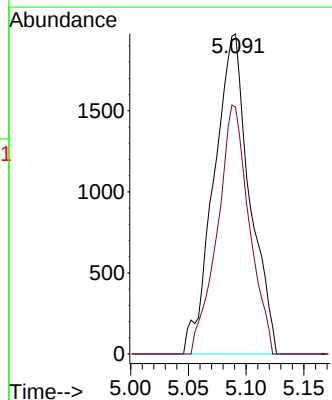
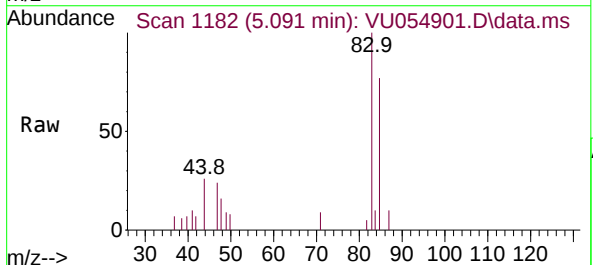
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

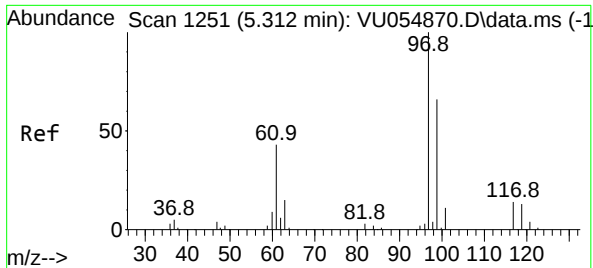
Tgt Ion:128 Resp: 632
Ion Ratio Lower Upper
128 100
49 190.8 0.0 304.0
130 190.7 104.3 156.5#



#27
Chloroform
Concen: 0.380 ug/l
RT: 5.091 min Scan# 1182
Delta R.T. 0.007 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 83 Resp: 4246
Ion Ratio Lower Upper
83 100
85 70.4 0.0 135.2

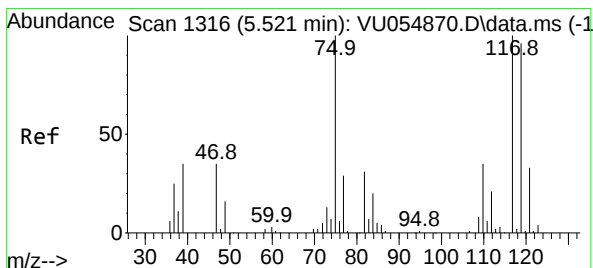
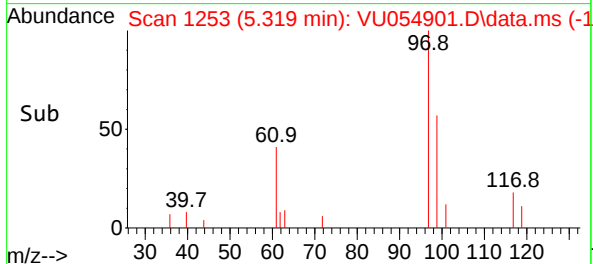
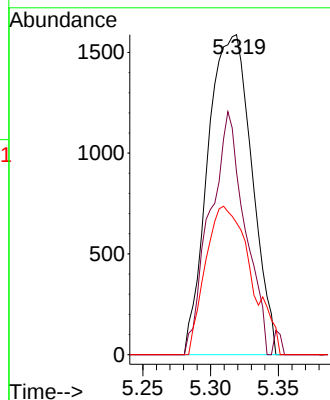
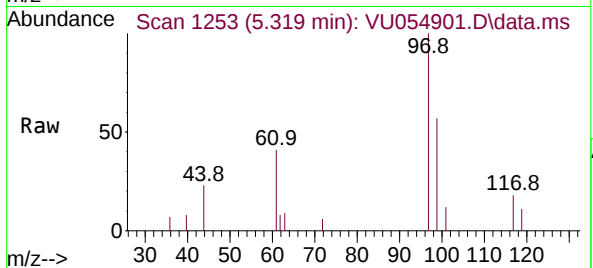




#28
1,1,1-Trichloroethane
Concen: 0.371 ug/l
RT: 5.319 min Scan# 1253
Delta R.T. 0.007 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

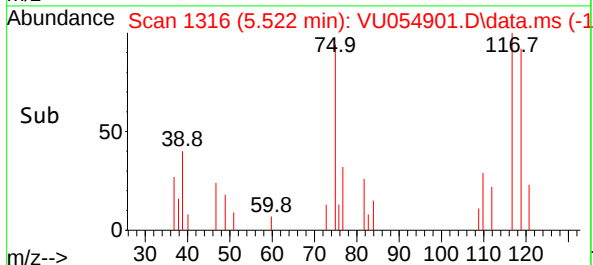
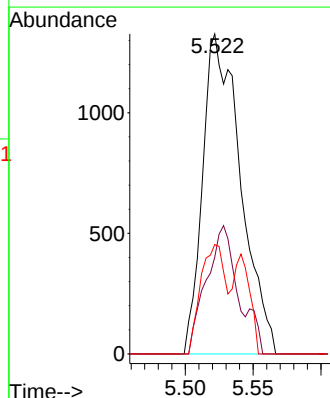
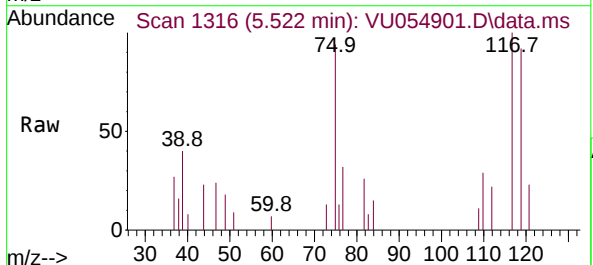
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

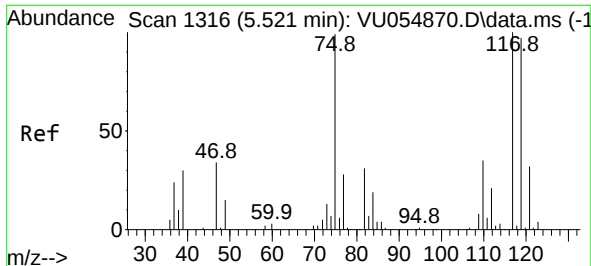
Tgt Ion:	97	Resp:	3578
Ion	Ratio	Lower	Upper
97	100		
99	60.6	32.0	96.2
61	48.0	21.0	63.0



#29
1,1-Dichloropropene
Concen: 0.363 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion:	75	Resp:	2583
Ion	Ratio	Lower	Upper
75	100		
110	30.4	18.5	55.5
77	22.0	24.9	37.3

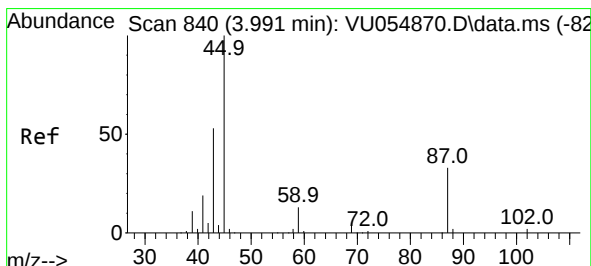
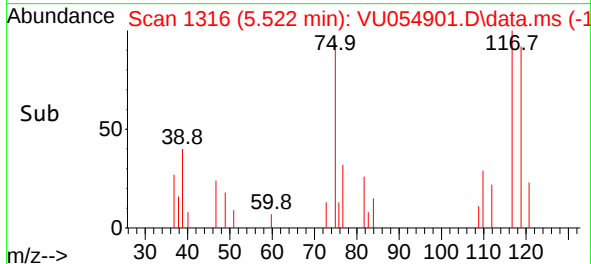
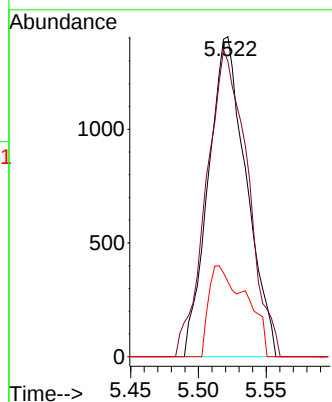
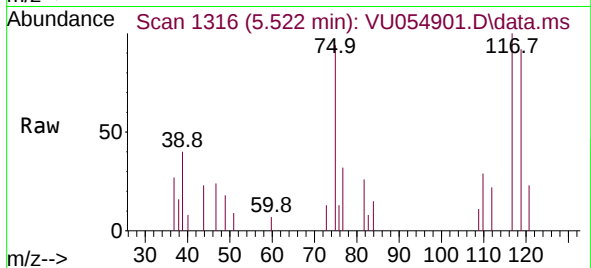




#30
Carbon Tetrachloride
Concen: 0.340 ug/l
RT: 5.522 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

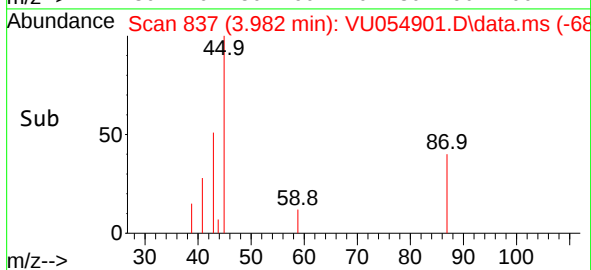
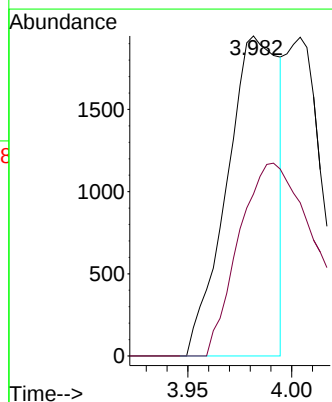
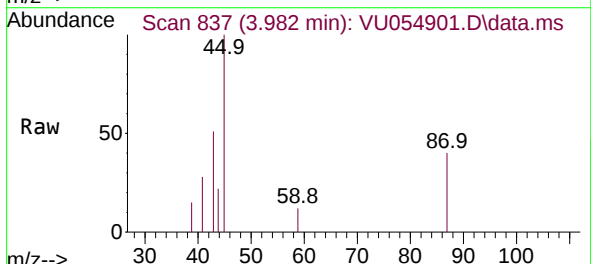
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

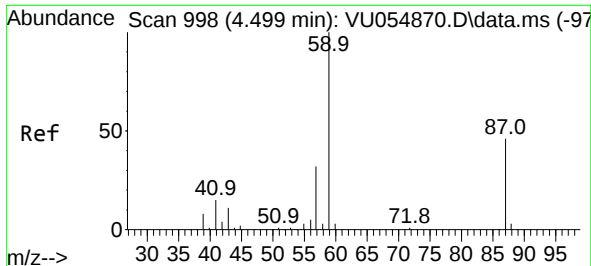
Tgt Ion:117 Resp: 2738
Ion Ratio Lower Upper
117 100
119 92.3 75.6 113.4
121 23.5 23.4 35.0



#31
Isopropyl Ether
Concen: 0.220 ug/l
RT: 3.982 min Scan# 837
Delta R.T. -0.009 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 45 Resp: 3370
Ion Ratio Lower Upper
45 100
43 91.1 26.4 79.2#

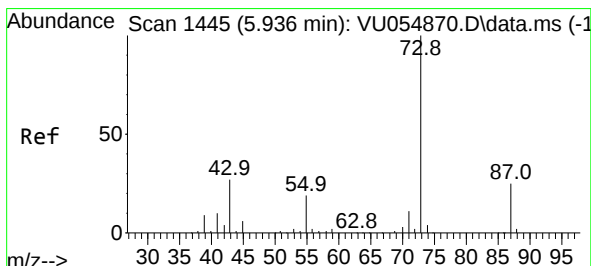
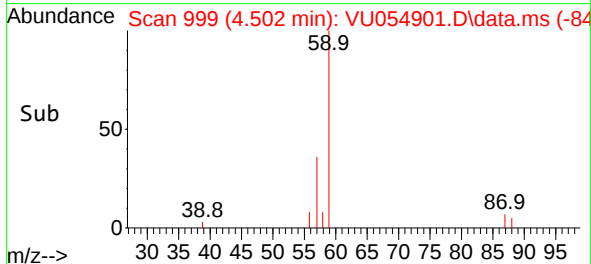
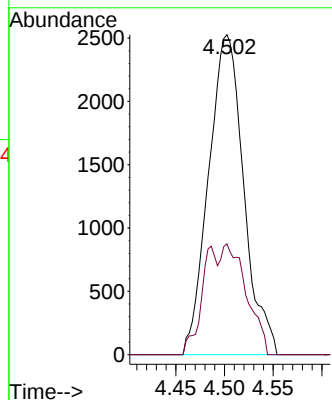
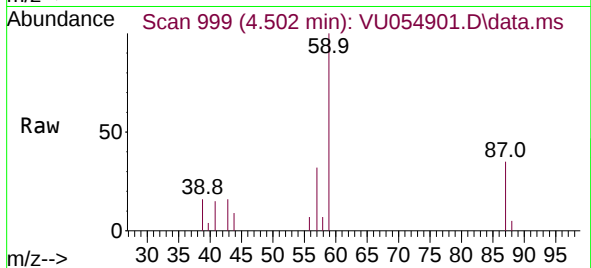




#32
Ethyl-t-butyl ether
Concen: 0.401 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

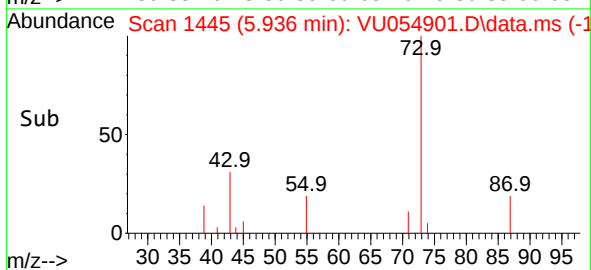
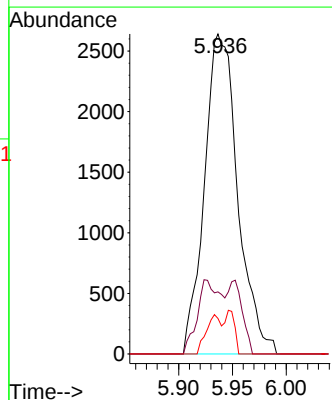
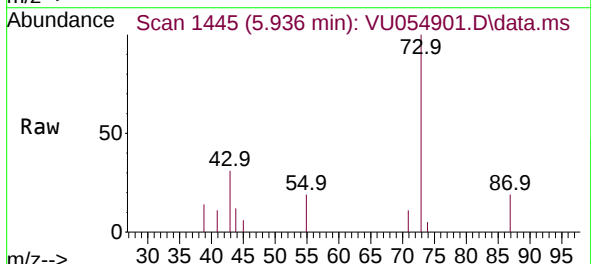
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

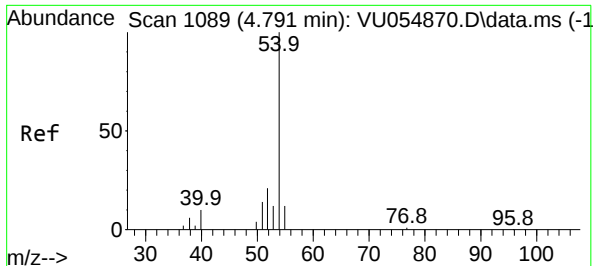
Tgt Ion: 59 Resp: 6336
Ion Ratio Lower Upper
59 100
87 15.7 35.7 53.5#



#33
Tert-Amyl methyl ether
Concen: 0.380 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 73 Resp: 5686
Ion Ratio Lower Upper
73 100
87 16.7 19.6 29.4#
71 5.4 9.1 13.7#

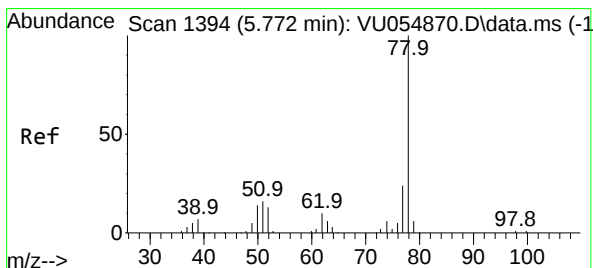
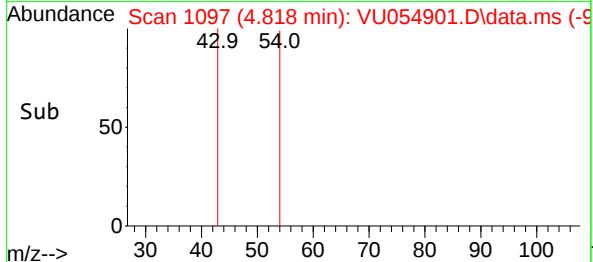
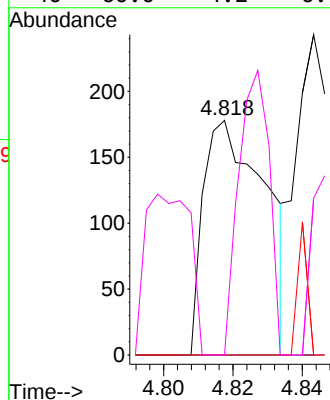
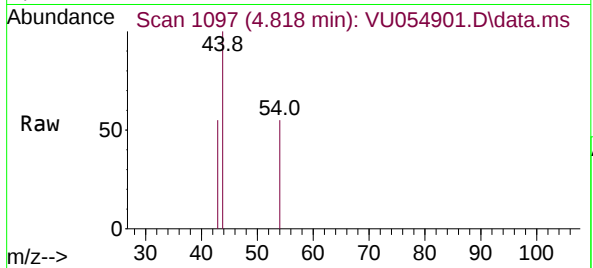




#34
 Propionitrile
 Concen: 0.565 ug/l
 RT: 4.818 min Scan# 1097
 Delta R.T. 0.026 min
 Lab File: VU054901.D
 Acq: 27 Jul 2023 18:07

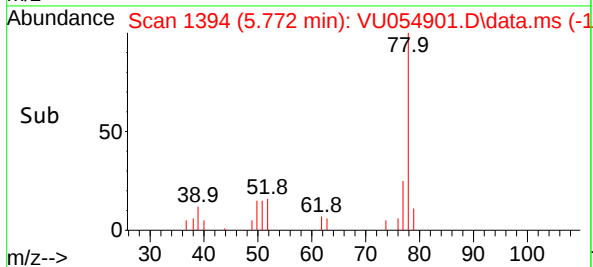
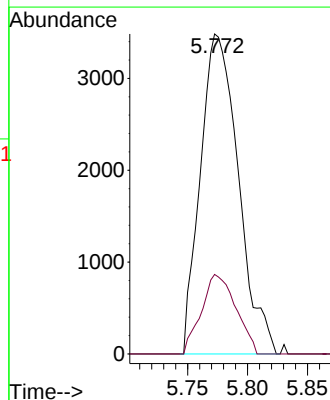
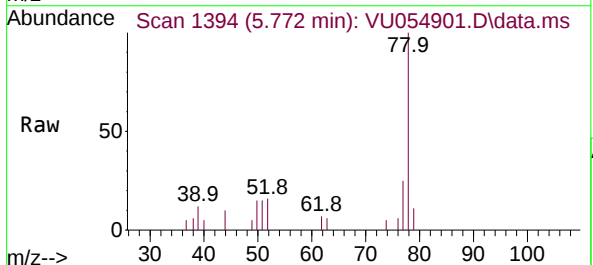
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2023

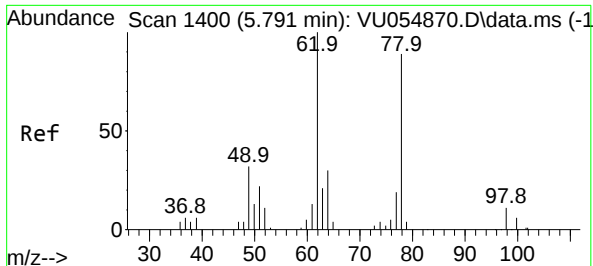
Tgt Ion: 54	Resp: 220
Ion Ratio	Lower Upper
54 100	
52 0.0	13.8 20.8#
55 0.0	4.8 7.2#
40 60.0	4.2 6.4#



#35
 Benzene
 Concen: 0.344 ug/l
 RT: 5.772 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VU054901.D
 Acq: 27 Jul 2023 18:07

Tgt Ion: 78	Resp:	7667	
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.2





#36

1,2-Dichloroethane

Concen: 0.382 ug/l

RT: 5.798 min Scan# 14

Delta R.T. 0.007 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

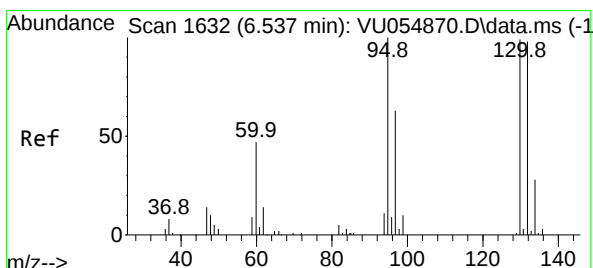
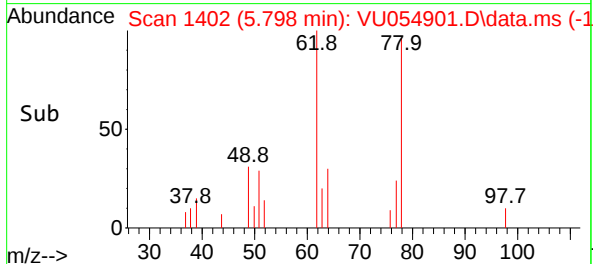
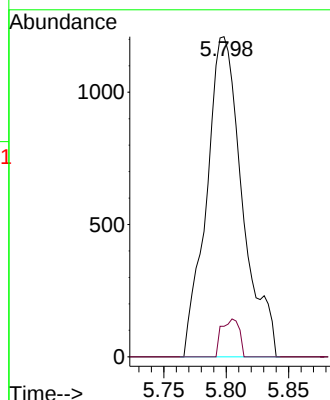
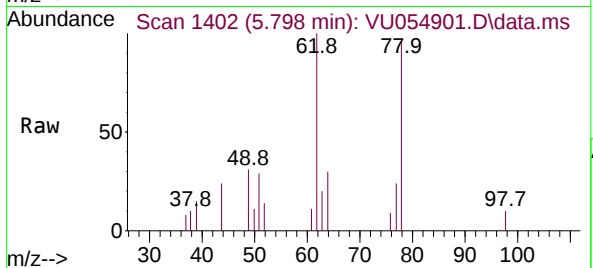
MDL-WATER-03-QT3-2023

Tgt Ion: 62 Resp: 2423

Ion Ratio Lower Upper

62 100

98 5.8 7.8 11.8#



#37

Trichloroethene

Concen: 0.418 ug/l

RT: 6.547 min Scan# 1635

Delta R.T. 0.010 min

Lab File: VU054901.D

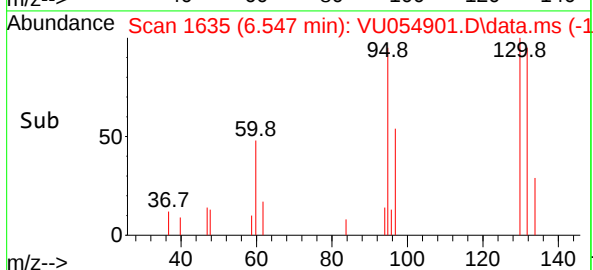
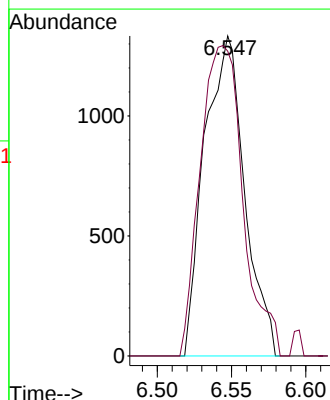
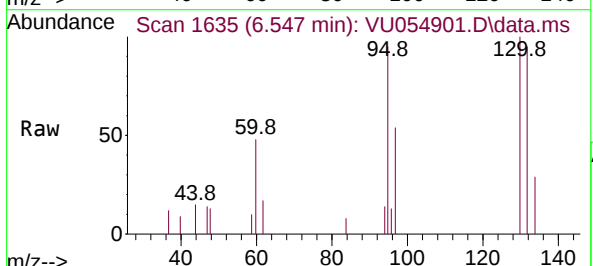
Acq: 27 Jul 2023 18:07

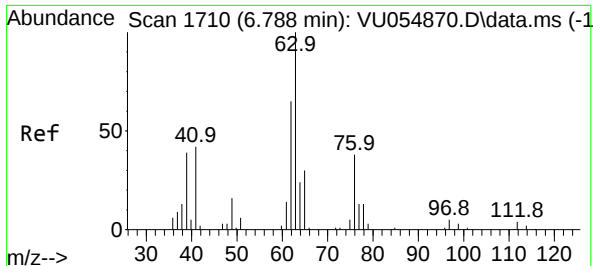
Tgt Ion: 130 Resp: 2504

Ion Ratio Lower Upper

130 100

95 95.3 76.8 115.2





#38

1,2-Dichloropropane

Concen: 0.407 ug/l

RT: 6.792 min Scan# 1150

Delta R.T. 0.004 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

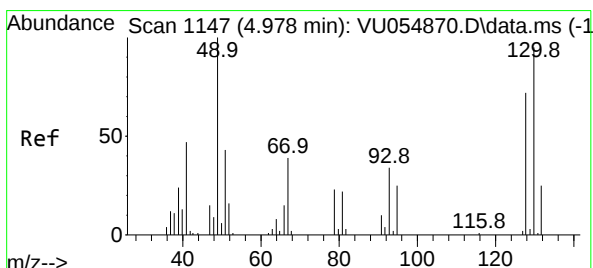
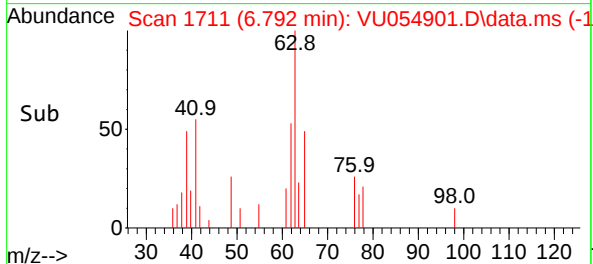
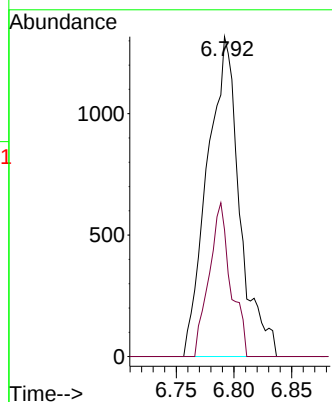
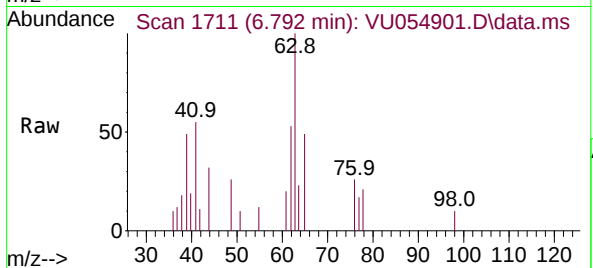
MDL-WATER-03-QT3-2023

Tgt Ion: 63 Resp: 2564

Ion Ratio Lower Upper

63 100

65 39.6 24.3 36.5#



#39

Methacrylonitrile

Concen: 0.215 ug/l

RT: 4.988 min Scan# 1150

Delta R.T. 0.010 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Tgt Ion: 41 Resp: 336

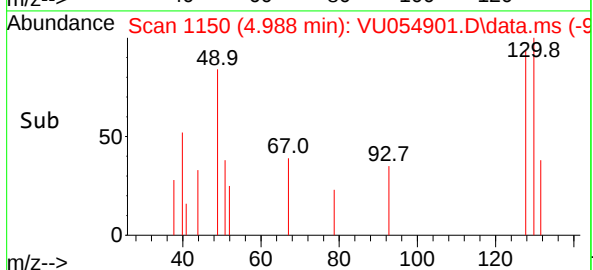
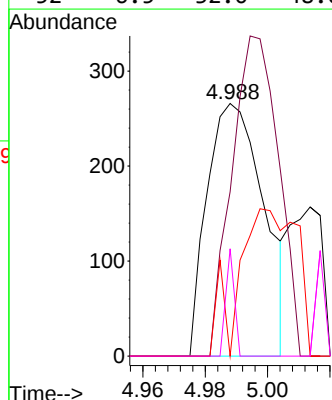
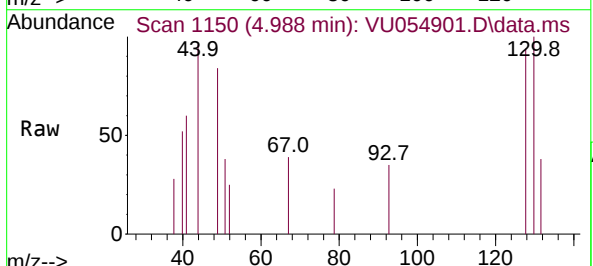
Ion Ratio Lower Upper

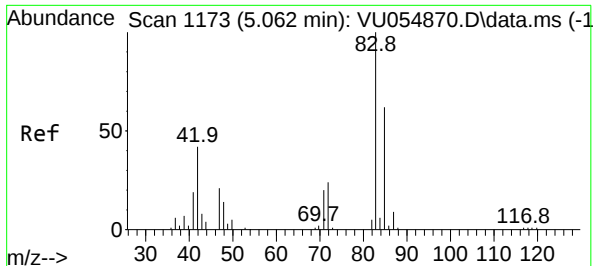
41 100

67 104.5 77.0 115.4

39 60.1 50.4 75.6

52 6.5 32.0 48.0#





#41

Tetrahydrofuran

Concen: 0.243 ug/l

RT: 5.065 min Scan# 1173

Delta R.T. 0.004 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

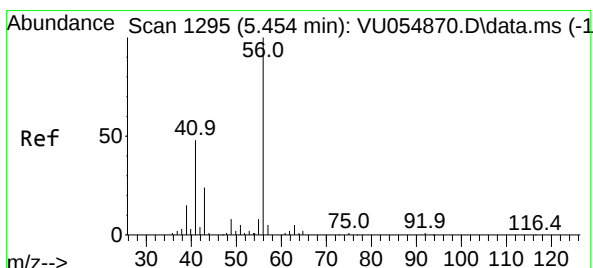
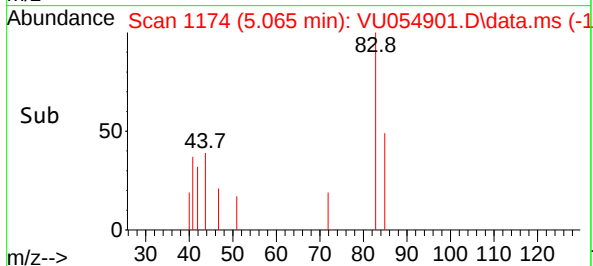
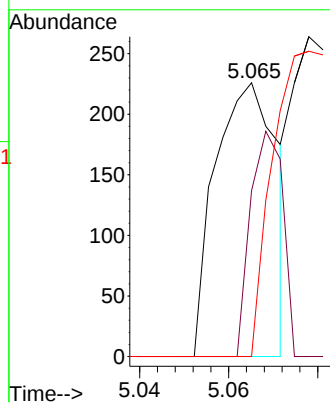
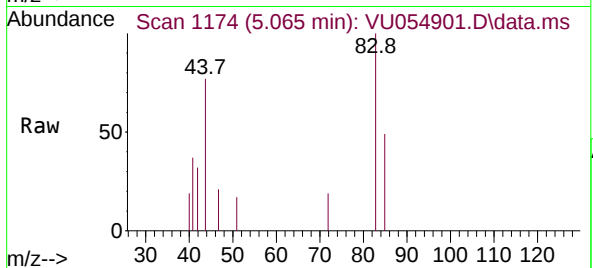
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:	42	Resp:	217
Ion	Ratio	Lower	Upper
42	100		
72	43.3	42.1	63.1
71	0.0	39.7	59.5



#42

1-Chlorobutane

Concen: 0.376 ug/l

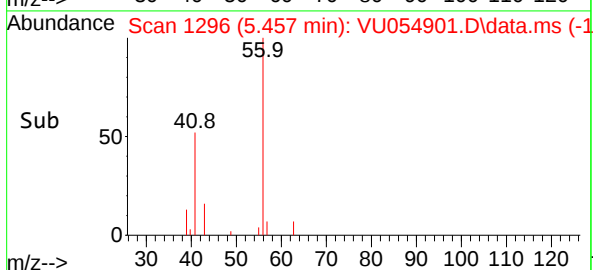
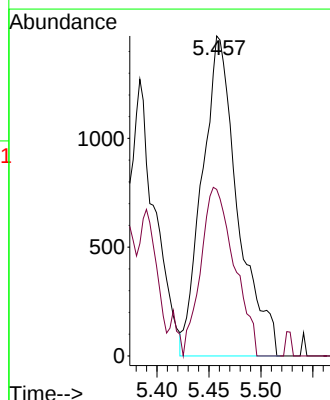
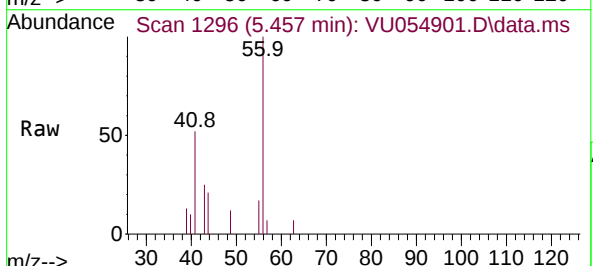
RT: 5.457 min Scan# 1296

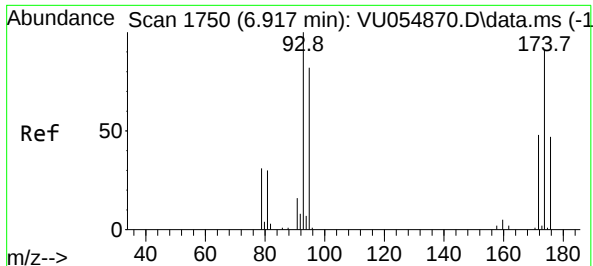
Delta R.T. 0.004 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Tgt Ion:	56	Resp:	3502
Ion	Ratio	Lower	Upper
56	100		
41	49.5	23.9	71.7

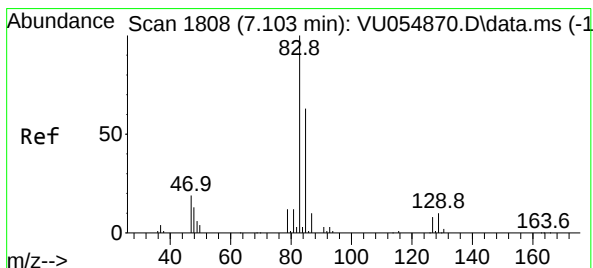
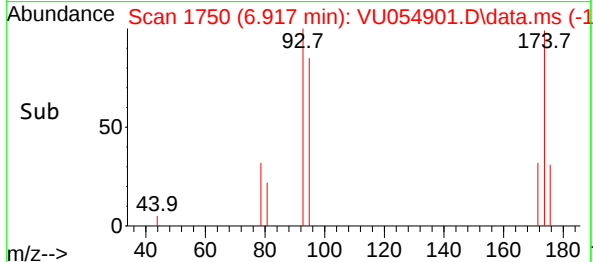
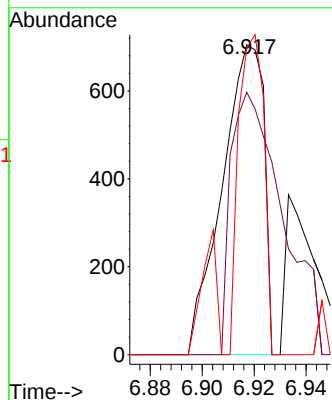
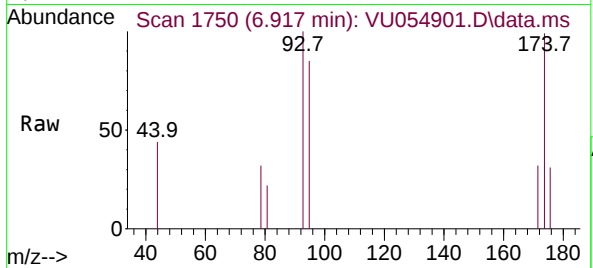




#43
Dibromomethane
Concen: 0.266 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

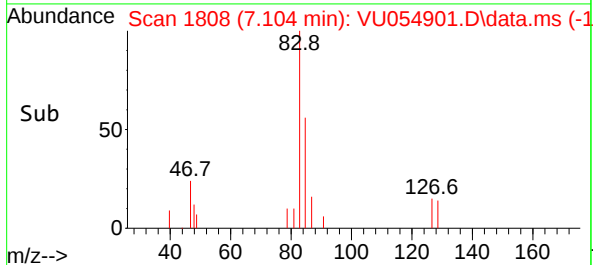
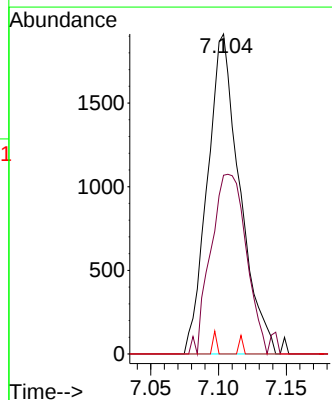
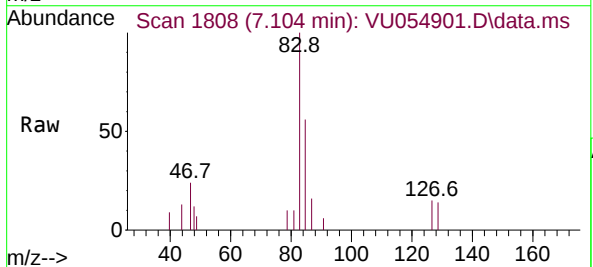
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

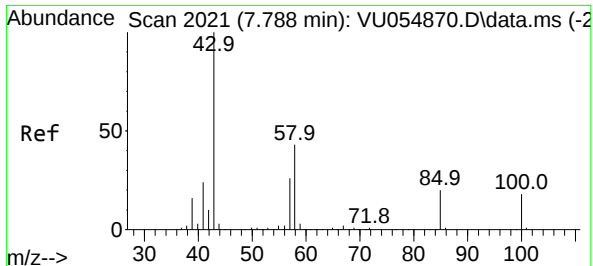
Tgt Ion: 93 Resp: 788
Ion Ratio Lower Upper
93 100
95 105.1 64.7 97.1#
174 62.7 74.4 111.6#



#44
Bromodichloromethane
Concen: 0.384 ug/l
RT: 7.104 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 83 Resp: 3168
Ion Ratio Lower Upper
83 100
85 55.9 52.2 78.2
127 0.0 6.1 9.1#





#45

4-Methyl-2-Pentanone

Concen: 2.096 ug/l

RT: 7.795 min Scan# 2021

Delta R.T. 0.007 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2023

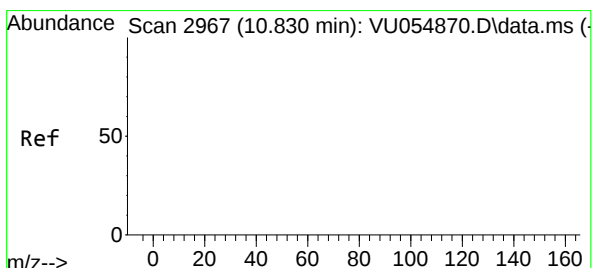
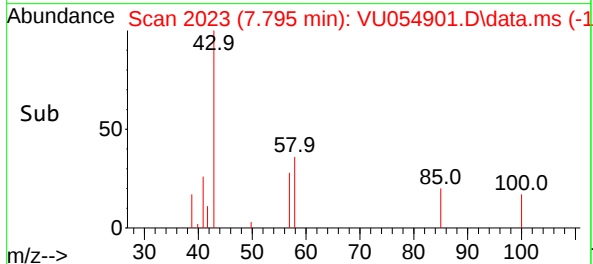
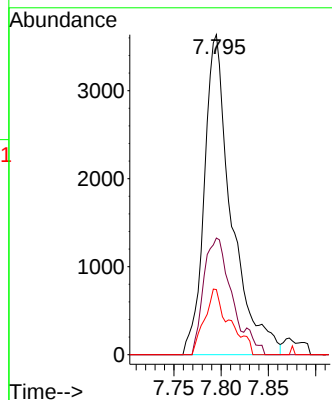
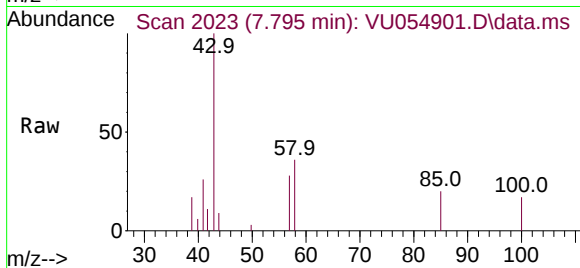
Tgt Ion: 43 Resp: 7237

Ion Ratio Lower Upper

43 100

58 35.5 21.3 63.7

85 19.0 15.3 22.9



#46

t-1,4-Dichloro-2-butene

Concen: 1.837 ug/l

RT: 10.821 min Scan# 2964

Delta R.T. -0.009 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Tgt Ion: 75 Resp: 2552

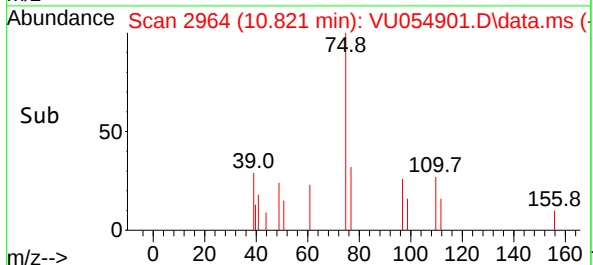
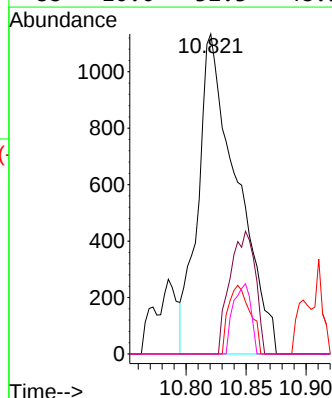
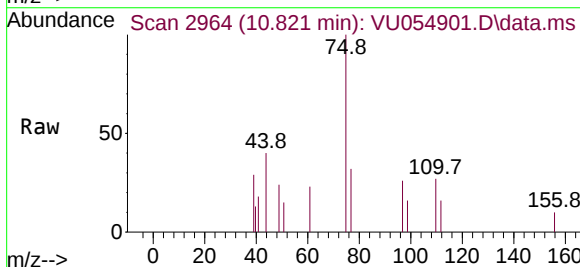
Ion Ratio Lower Upper

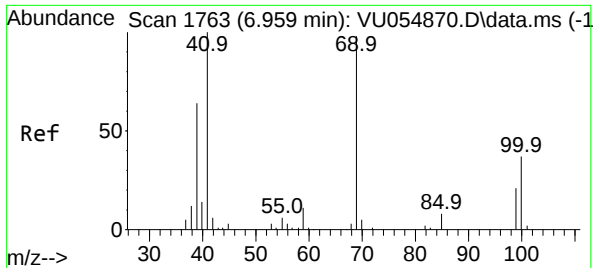
75 100

53 25.0 62.9 94.3#

89 12.1 47.8 71.8#

88 10.0 32.3 48.5#

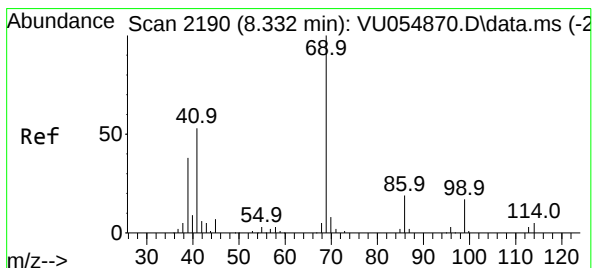
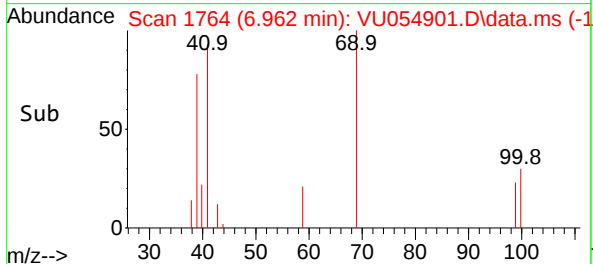
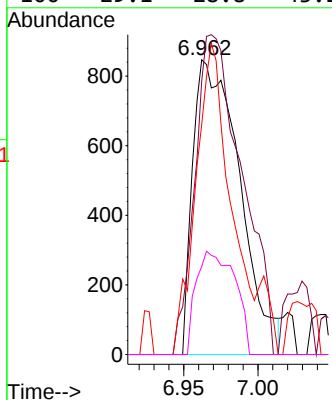
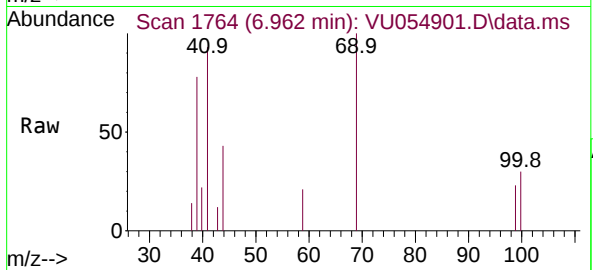




#47
Methyl methacrylate
Concen: 0.685 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

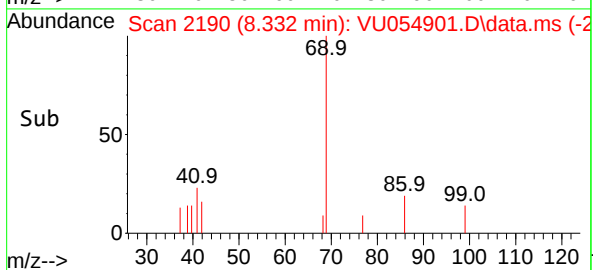
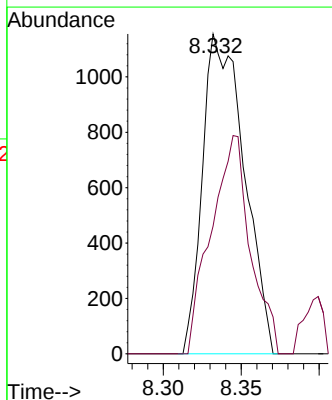
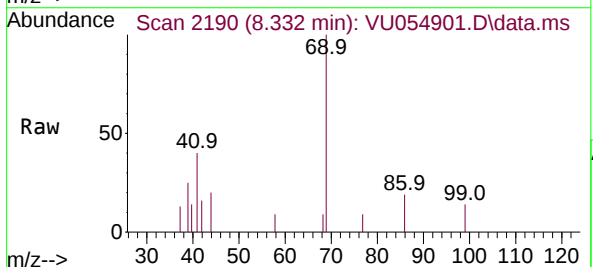
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

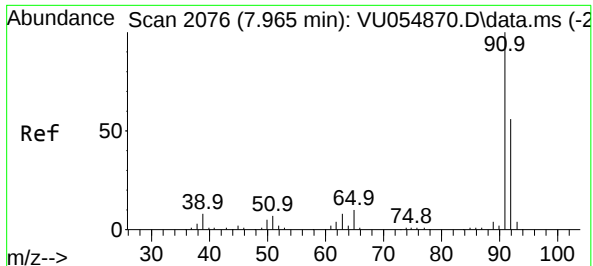
Tgt Ion: 69	Resp: 1853
Ion Ratio	Lower Upper
69 100	
41 109.3	0.0 193.0
39 78.1	50.4 75.6#
100 29.1	28.8 43.2



#48
Ethyl methacrylate
Concen: 0.391 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 69	Resp: 2141
Ion Ratio	Lower Upper
69 100	
41 64.3	28.8 86.5





#49

Toluene

Concen: 0.391 ug/l

RT: 7.969 min Scan# 2076

Delta R.T. 0.004 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

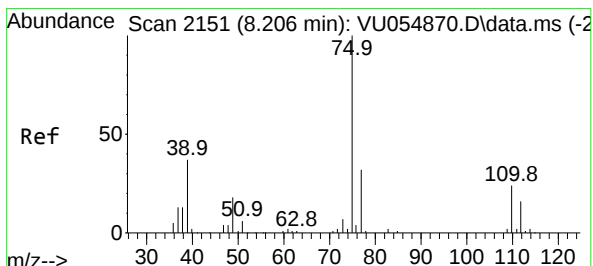
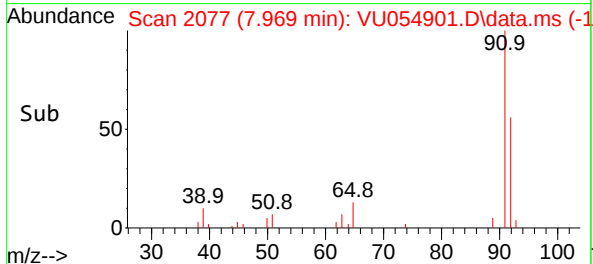
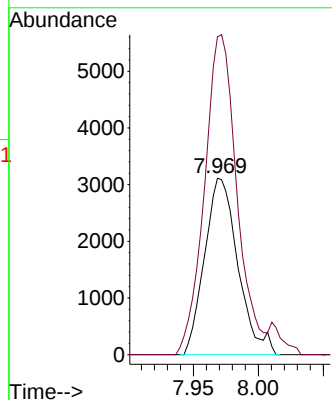
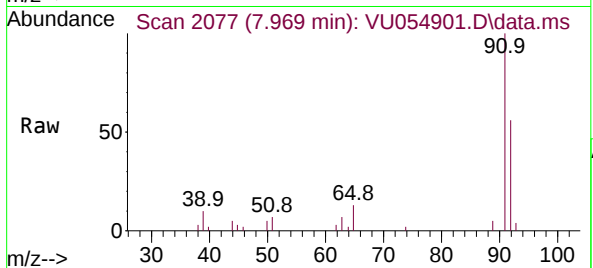
MDL-WATER-03-QT3-2023

Tgt Ion: 92 Resp: 5552

Ion Ratio Lower Upper

92 100

91 177.0 142.9 214.3



#50

t-1,3-Dichloropropene

Concen: 0.342 ug/l

RT: 8.216 min Scan# 2154

Delta R.T. 0.010 min

Lab File: VU054901.D

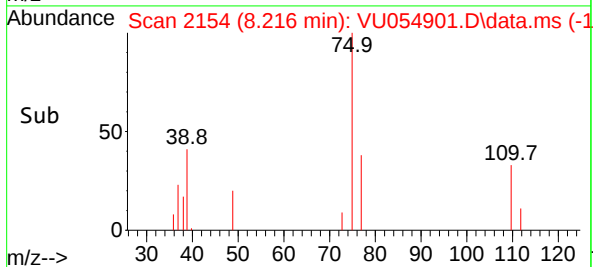
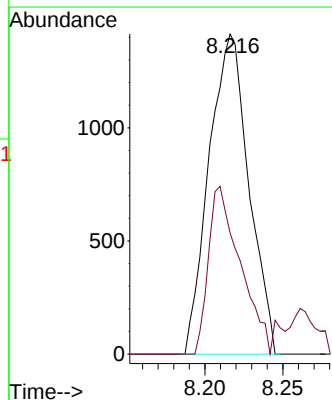
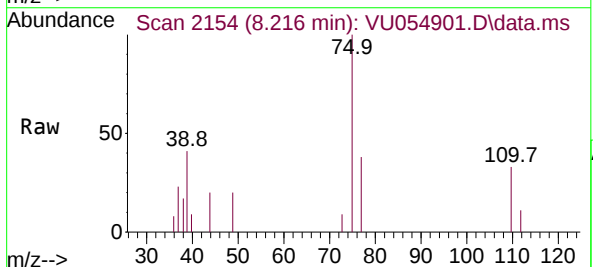
Acq: 27 Jul 2023 18:07

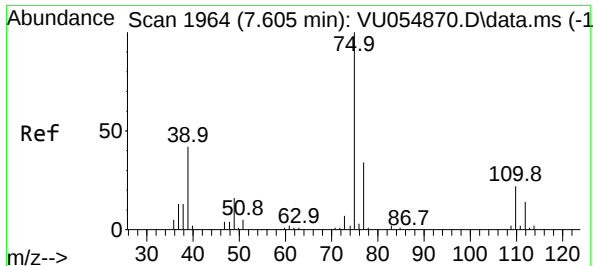
Tgt Ion: 75 Resp: 2507

Ion Ratio Lower Upper

75 100

77 37.8 24.9 37.3#





#51

cis-1,3-Dichloropropene

Concen: 0.349 ug/l

RT: 7.612 min Scan# 1964

Delta R.T. 0.007 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2023

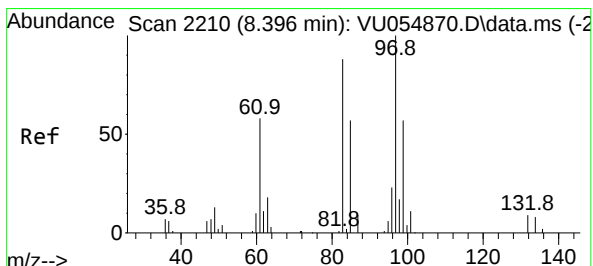
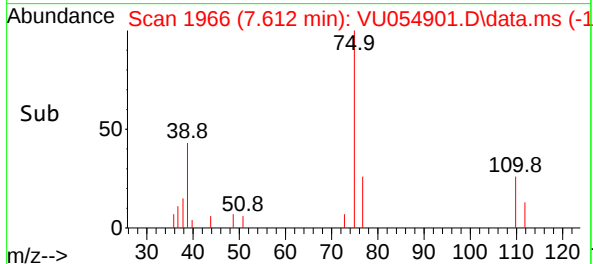
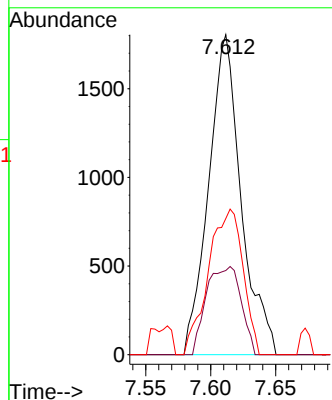
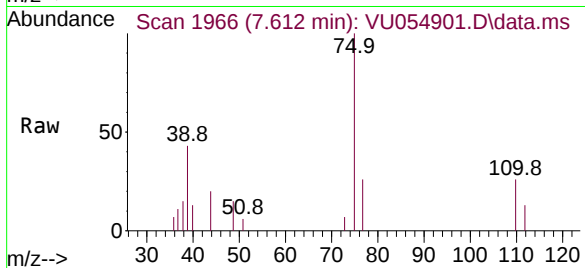
Tgt Ion: 75 Resp: 3138

Ion Ratio Lower Upper

75 100

77 26.3 25.8 38.8

39 42.5 31.7 47.5



#52

1,1,2-Trichloroethane

Concen: 0.368 ug/l

RT: 8.399 min Scan# 2211

Delta R.T. 0.004 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Tgt Ion: 97 Resp: 1726

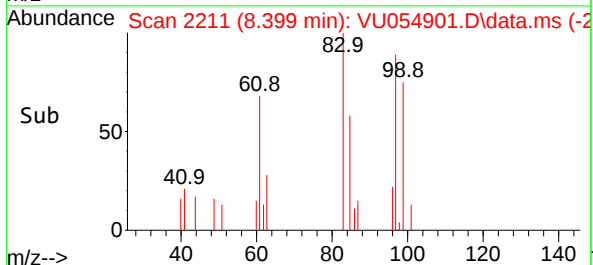
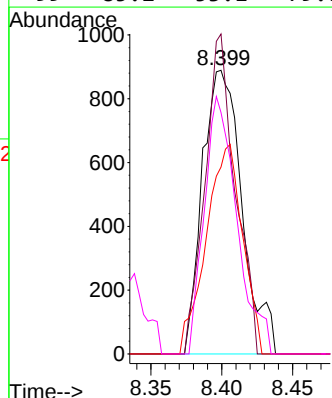
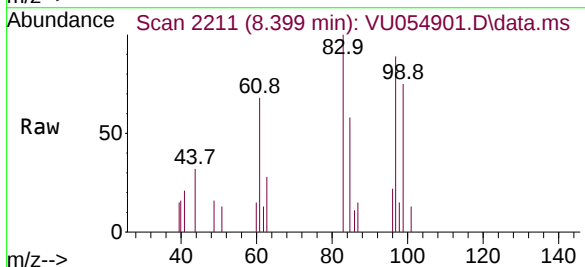
Ion Ratio Lower Upper

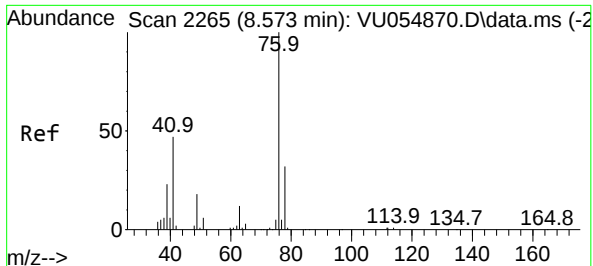
97 100

83 112.8 77.4 116.2

85 65.9 47.8 71.8

99 85.2 53.1 79.7#





#53

1,3-Dichloropropane

Concen: 0.415 ug/l

RT: 8.576 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

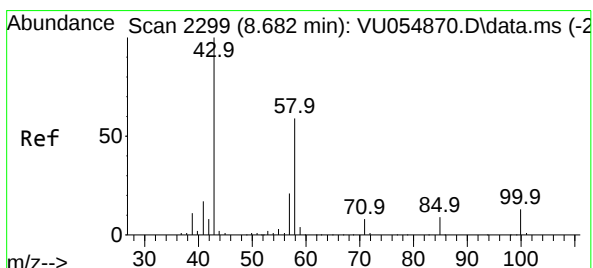
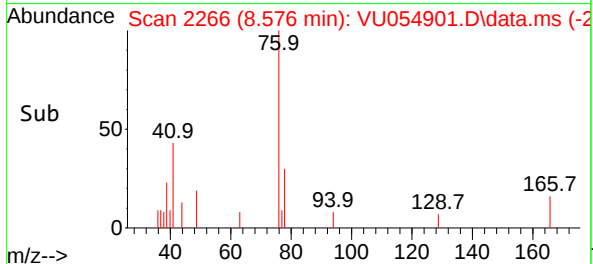
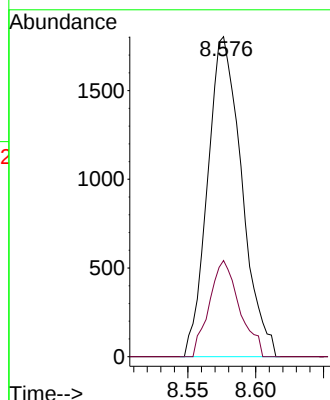
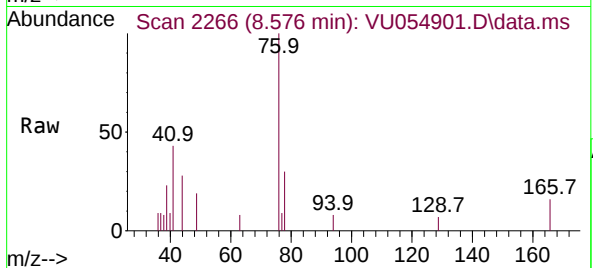
MDL-WATER-03-QT3-2023

Tgt Ion: 76 Resp: 3152

Ion Ratio Lower Upper

76 100

78 26.6 24.6 36.8



#54

2-Hexanone

Concen: 2.003 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.010 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

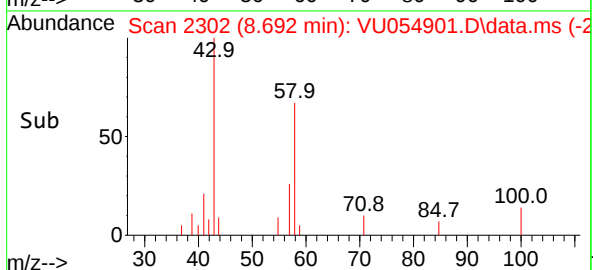
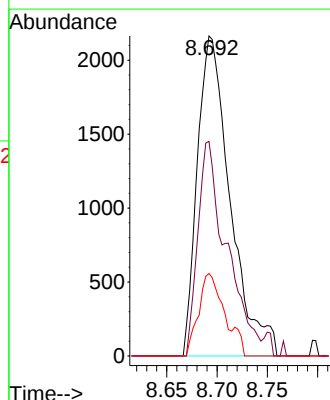
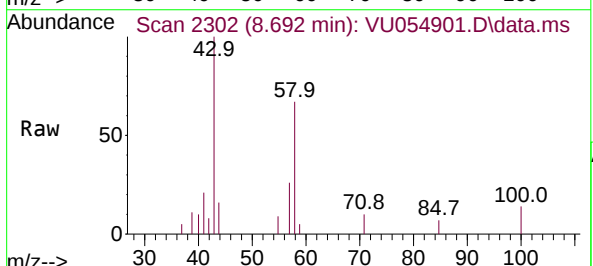
Tgt Ion: 43 Resp: 4914

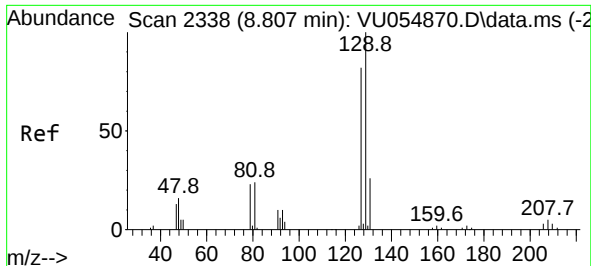
Ion Ratio Lower Upper

43 100

58 58.6 38.9 78.9

57 18.5 0.0 38.7





#55

Dibromochloromethane

Concen: 0.340 ug/l

RT: 8.811 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

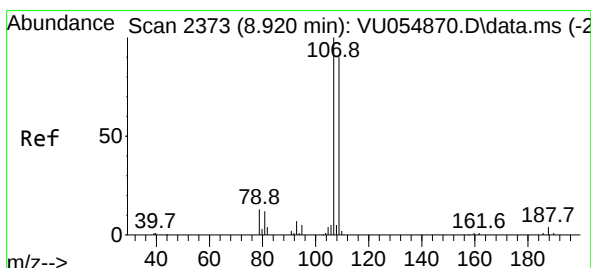
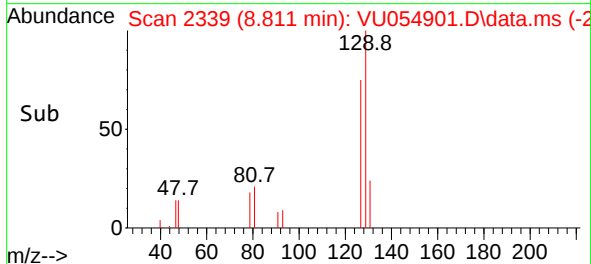
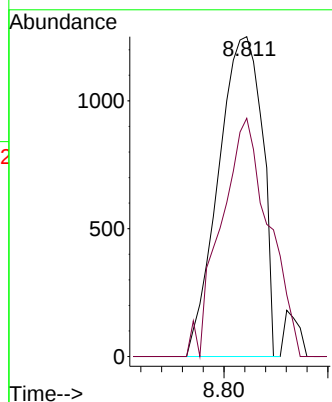
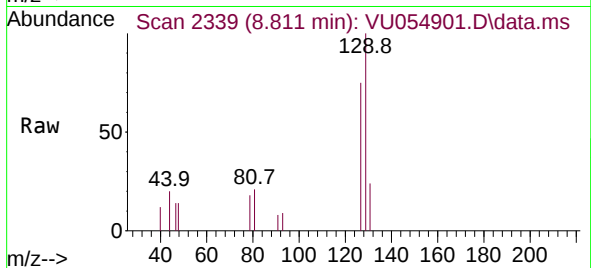
MDL-WATER-03-QT3-2023

Tgt Ion:129 Resp: 1830

Ion Ratio Lower Upper

129 100

127 81.6 61.4 92.0



#56

1,2-Dibromoethane

Concen: 0.399 ug/l

RT: 8.927 min Scan# 2375

Delta R.T. 0.007 min

Lab File: VU054901.D

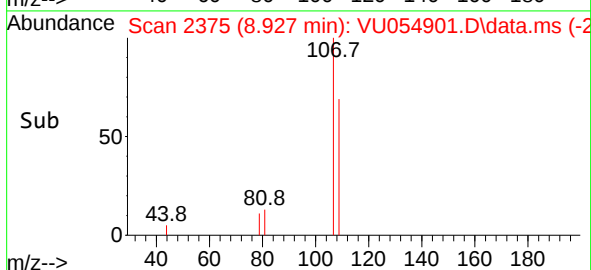
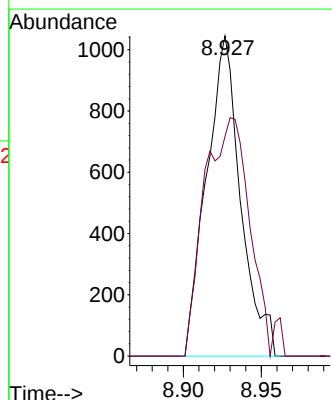
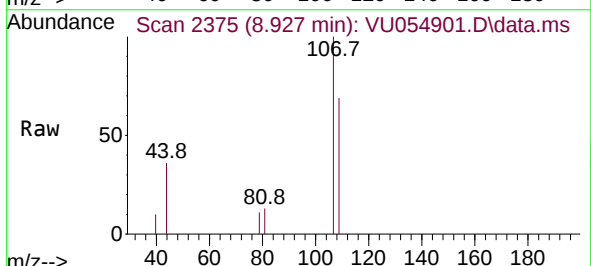
Acq: 27 Jul 2023 18:07

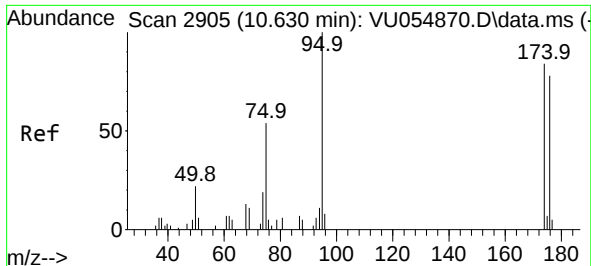
Tgt Ion:107 Resp: 1586

Ion Ratio Lower Upper

107 100

109 98.4 0.0 185.4

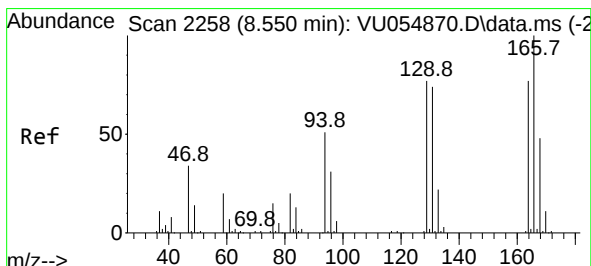
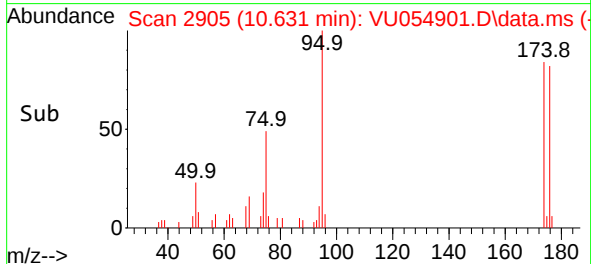
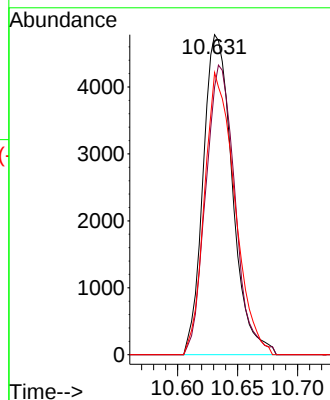
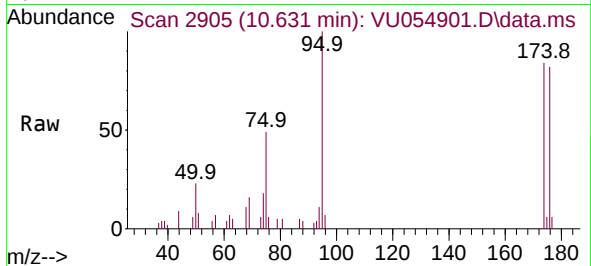




#57
4-Bromofluorobenzene
Concen: 1.081 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

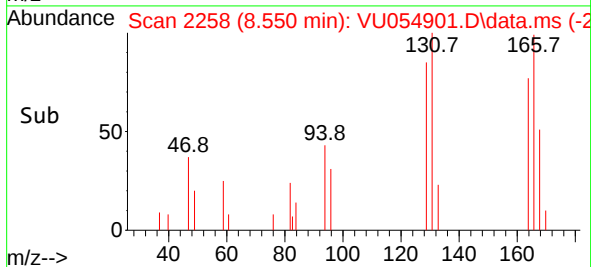
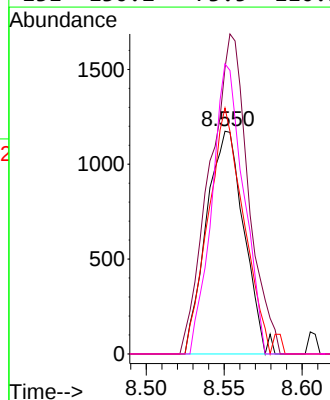
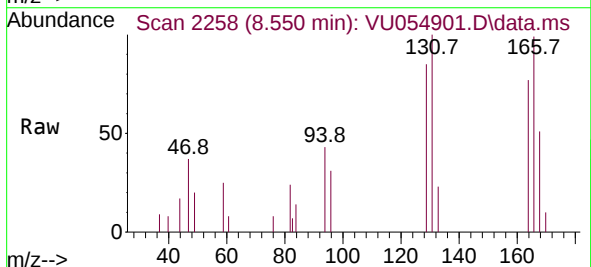
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2023

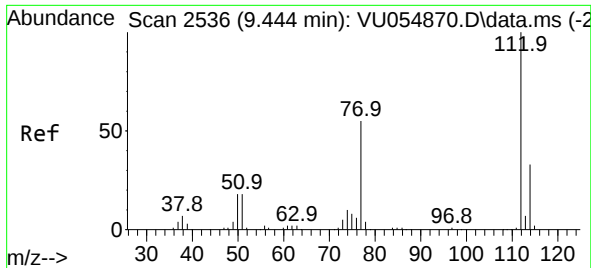
Tgt Ion: 95 Resp: 8110
Ion Ratio Lower Upper
95 100
174 90.4 79.3 118.9
176 91.3 71.5 107.3



#58
Tetrachloroethene
Concen: 0.376 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 164 Resp: 1967
Ion Ratio Lower Upper
164 100
166 128.4 100.4 150.6
129 110.4 71.9 107.9#
131 130.2 73.5 110.3#





#59

Chlorobenzene

Concen: 0.372 ug/l

RT: 9.451 min Scan# 2538

Delta R.T. 0.007 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

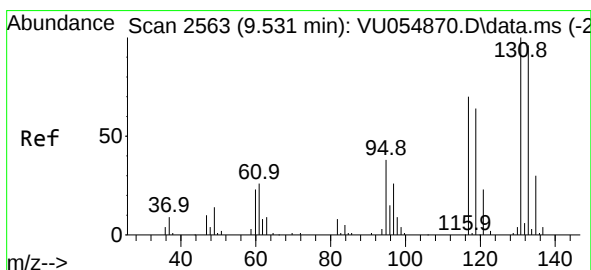
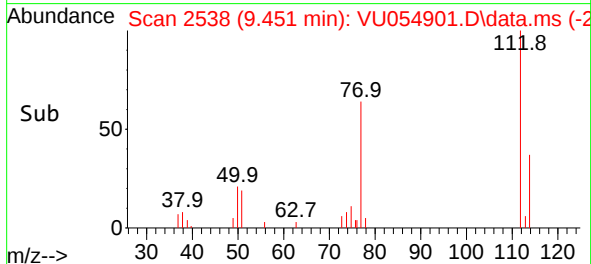
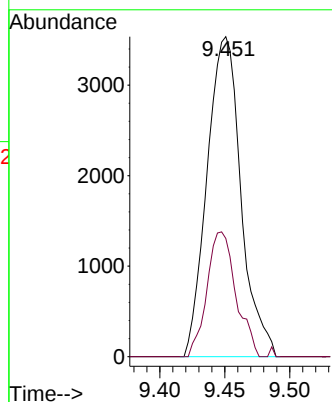
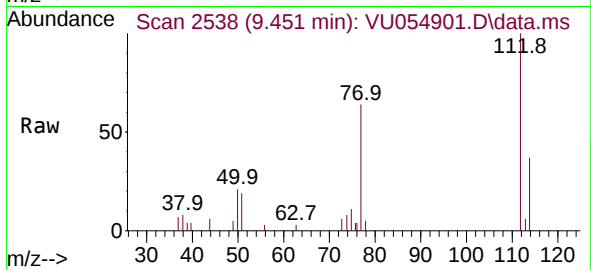
MDL-WATER-03-QT3-2023

Tgt Ion:112 Resp: 6416

Ion Ratio Lower Upper

112 100

114 37.0 25.0 37.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.353 ug/l

RT: 9.534 min Scan# 2564

Delta R.T. 0.004 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

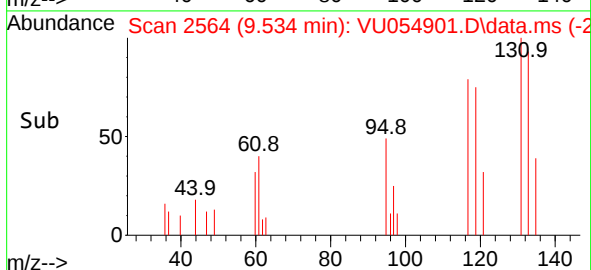
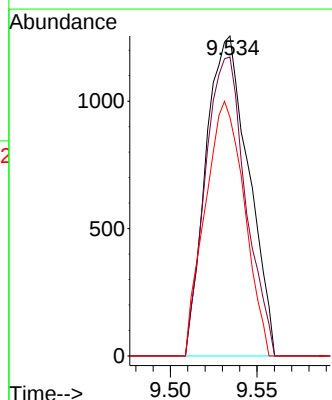
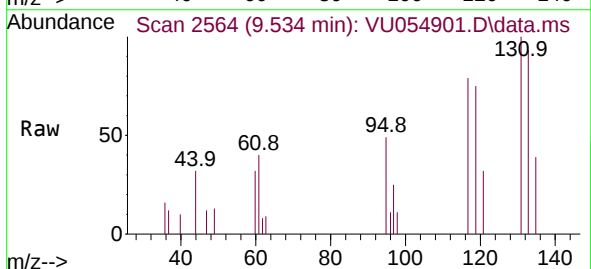
Tgt Ion:131 Resp: 2147

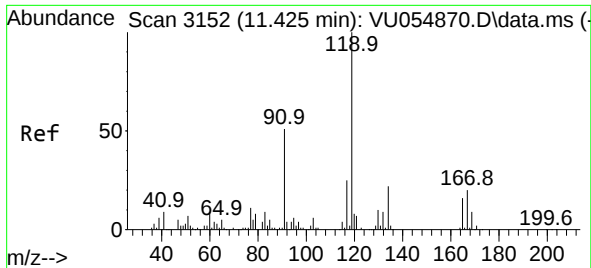
Ion Ratio Lower Upper

131 100

133 88.4 74.2 111.4

119 73.5 51.0 76.4

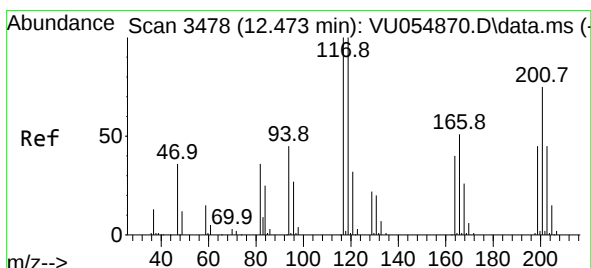
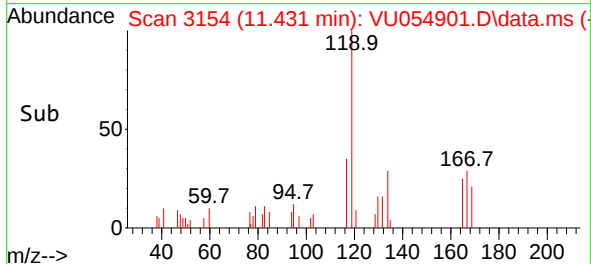
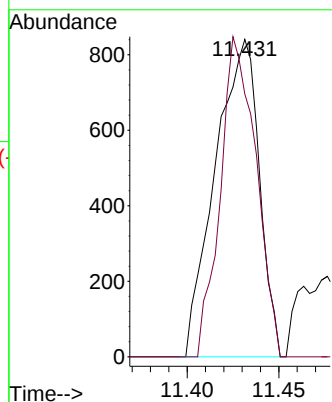
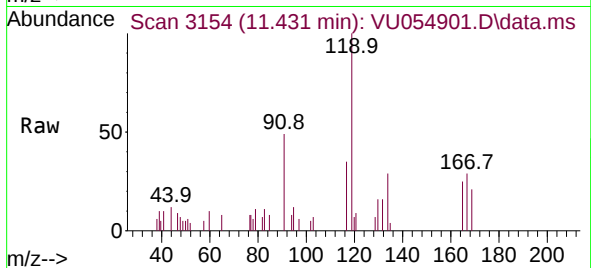




#61
Pentachloroethane
Concen: 0.295 ug/l
RT: 11.431 min Scan# 3152
Delta R.T. 0.007 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

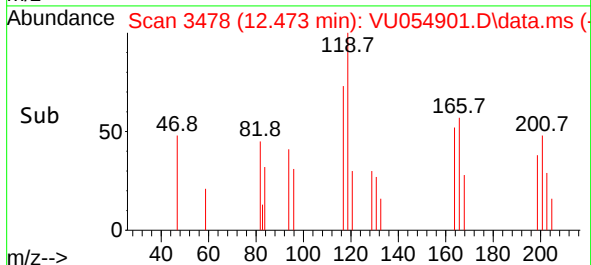
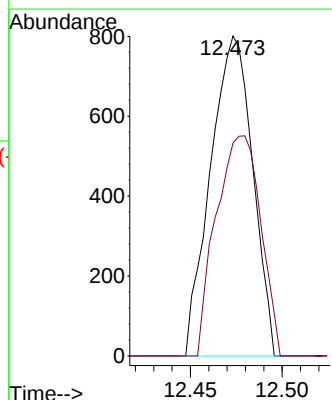
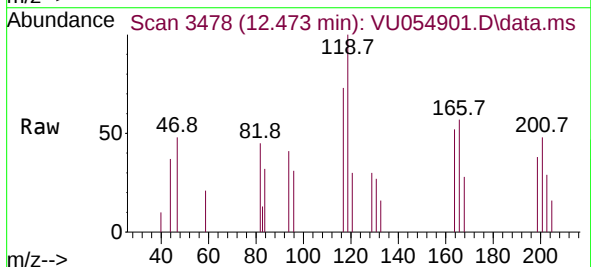
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

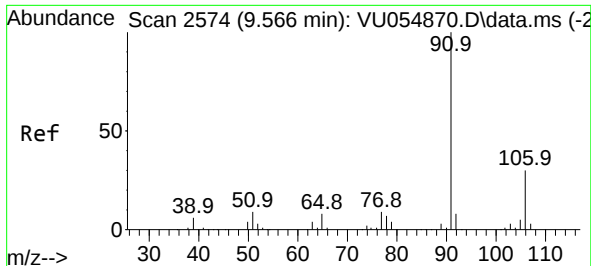
Tgt Ion:117 Resp: 1403
Ion Ratio Lower Upper
117 100
167 81.6 65.3 97.9



#62
Hexachloroethane
Concen: 0.262 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion:117 Resp: 1279
Ion Ratio Lower Upper
117 100
201 72.6 56.1 84.1

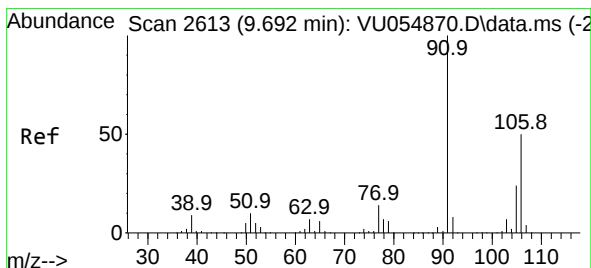
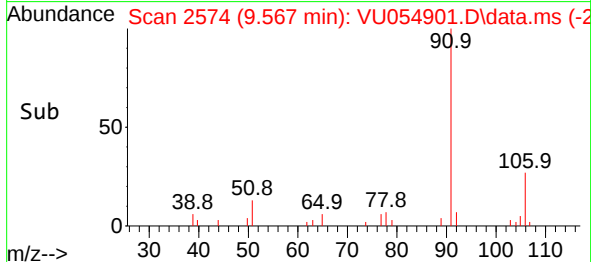
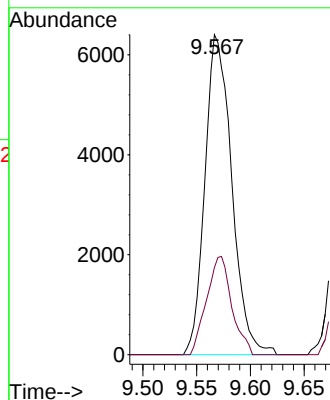
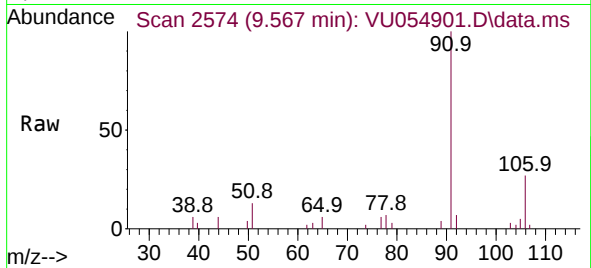




#63
Ethyl Benzene
Concen: 0.385 ug/l
RT: 9.567 min Scan# 21128
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

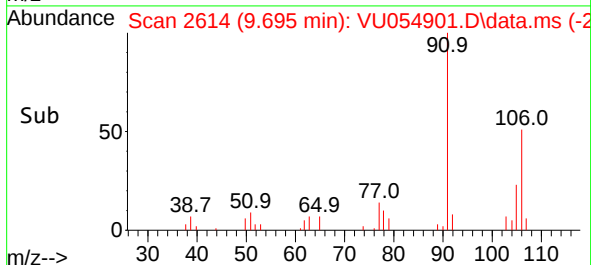
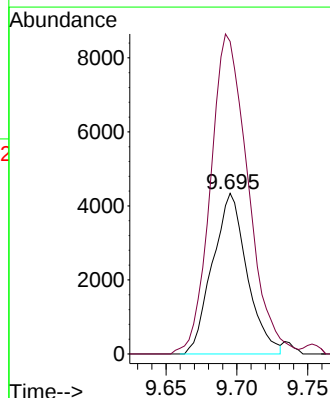
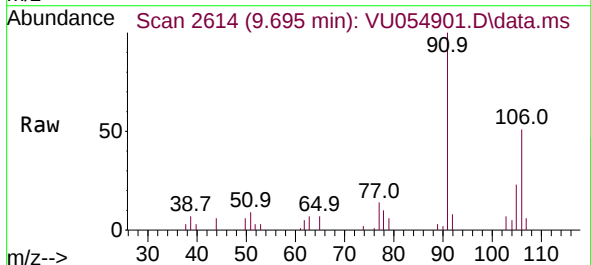
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

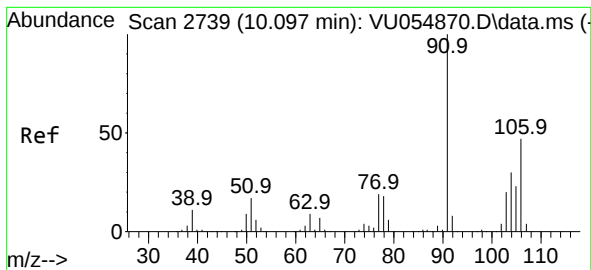
Tgt Ion: 91 Resp: 11128
Ion Ratio Lower Upper
91 100
106 27.2 24.2 36.2



#64
m/p-Xylenes
Concen: 0.680 ug/l
RT: 9.695 min Scan# 2614
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 106 Resp: 7356
Ion Ratio Lower Upper
106 100
91 216.1 158.8 238.2





#65

o-Xylene

Concen: 0.331 ug/l

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

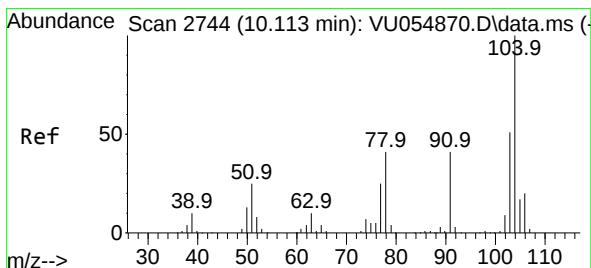
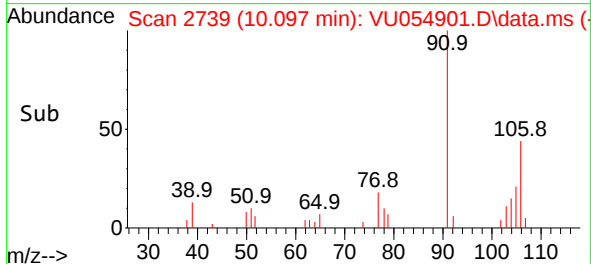
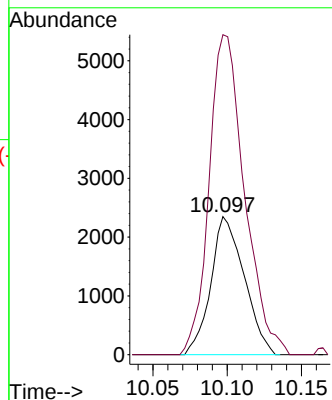
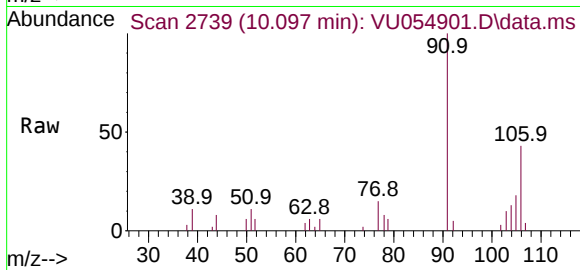
MDL-WATER-03-QT3-2023

Tgt Ion:106 Resp: 3677

Ion Ratio Lower Upper

106 100

91 245.6 108.9 326.8



#66

Styrene

Concen: 0.348 ug/l

RT: 10.116 min Scan# 2745

Delta R.T. 0.004 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

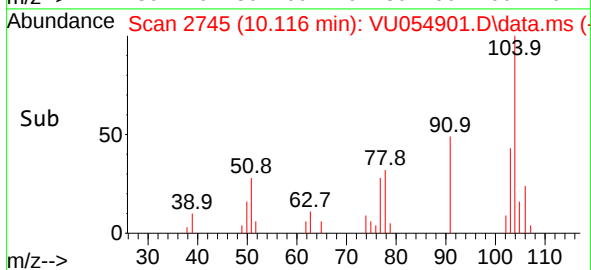
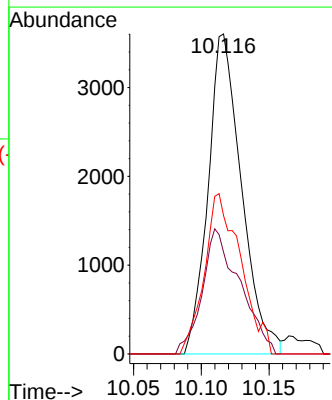
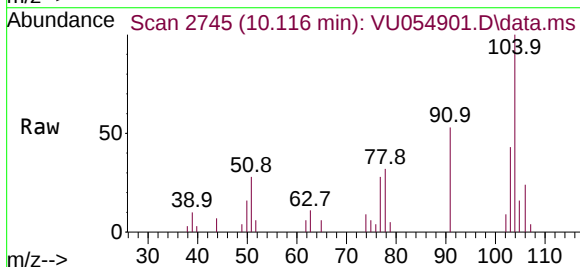
Tgt Ion:104 Resp: 6182

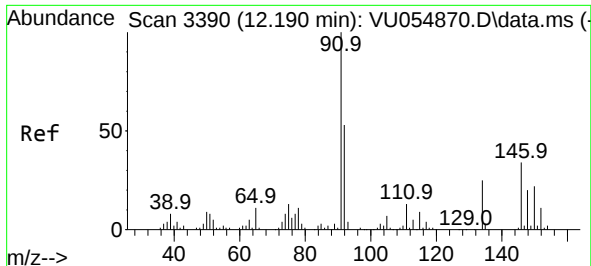
Ion Ratio Lower Upper

104 100

78 44.0 37.5 56.3

103 54.5 45.2 67.8





#68

1,2-Dichlorobenzene-d4

Concen: 0.977 ug/l

RT: 12.197 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2023

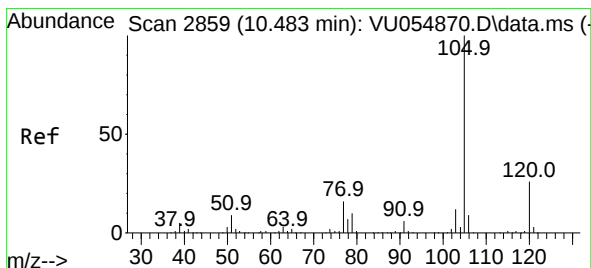
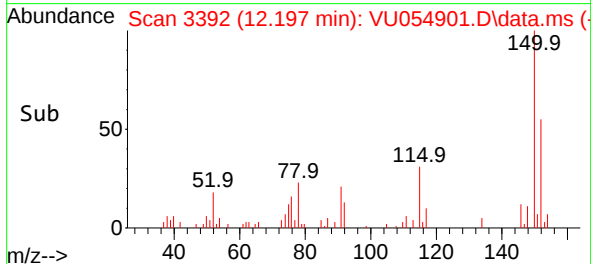
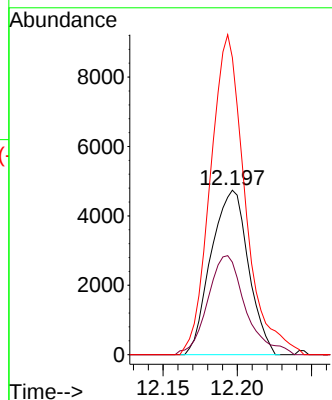
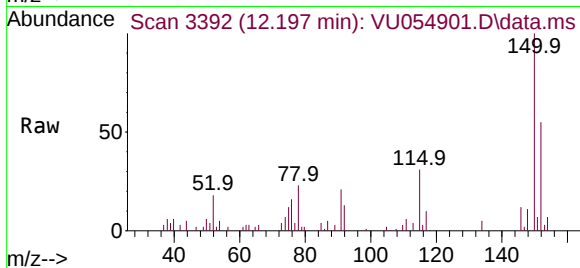
Tgt Ion:152 Resp: 8281

Ion Ratio Lower Upper

152 100

115 60.8 0.0 234.8

150 180.5 0.0 598.2



#69

Isopropylbenzene

Concen: 0.379 ug/l

RT: 10.480 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU054901.D

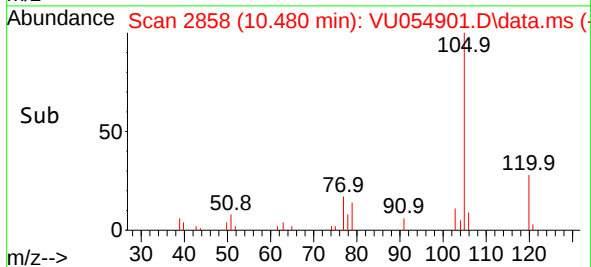
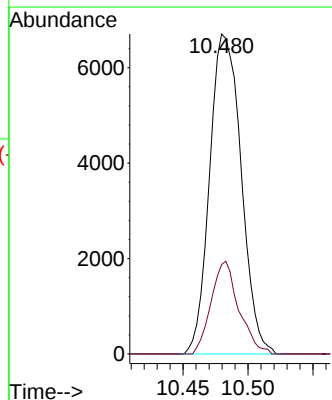
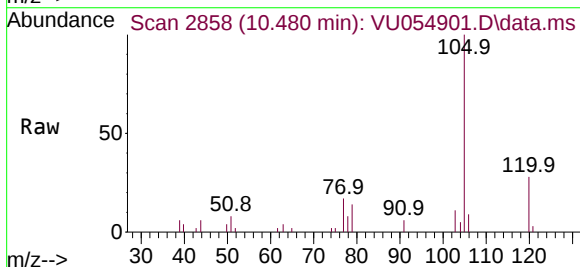
Acq: 27 Jul 2023 18:07

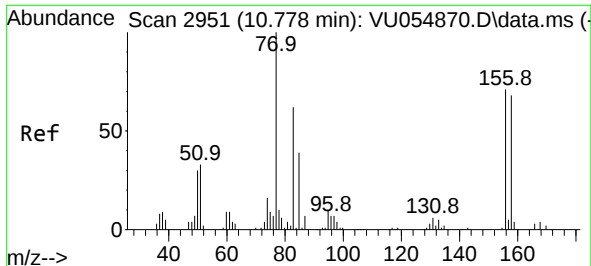
Tgt Ion:105 Resp: 11302

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.6

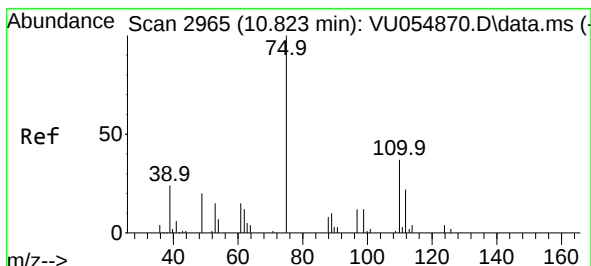
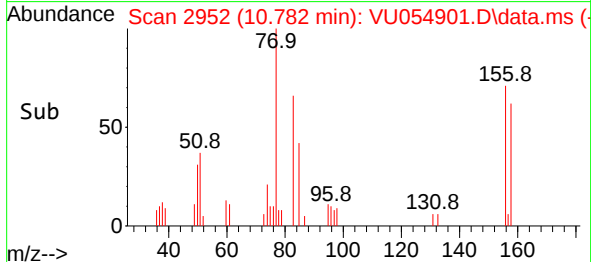
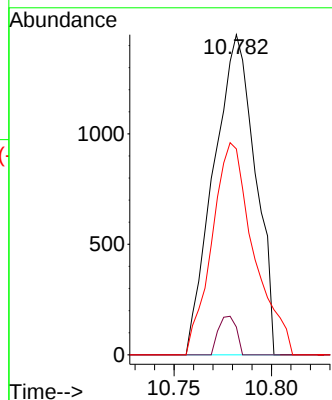
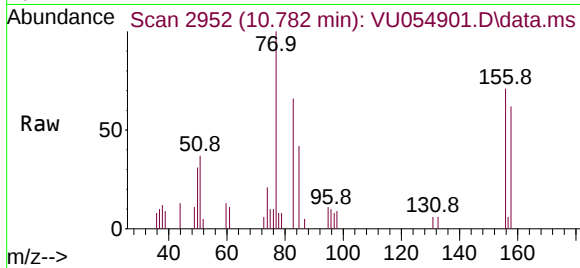




#70
1,1,2,2-Tetrachloroethane
Concen: 0.370 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

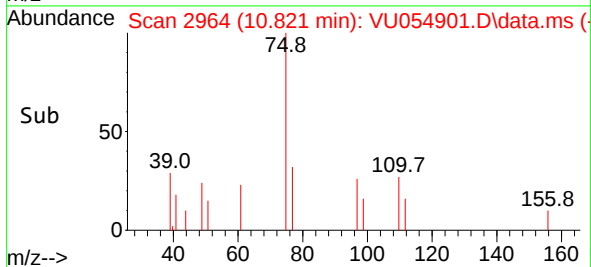
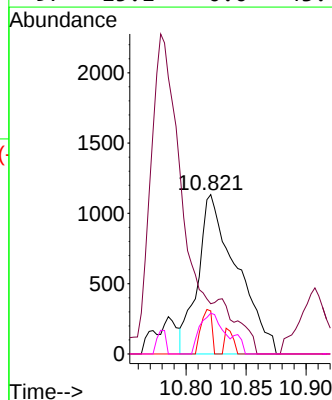
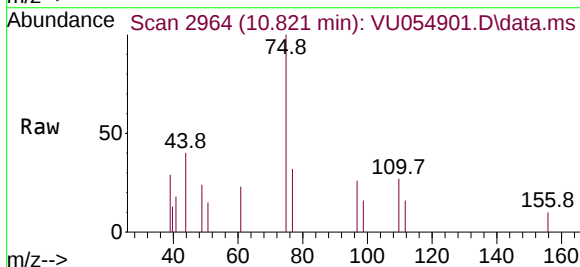
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

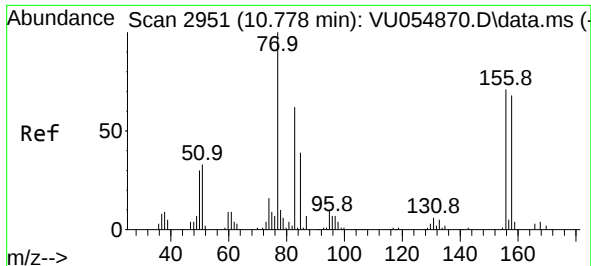
Tgt Ion: 83 Resp: 2149
Ion Ratio Lower Upper
83 100
131 5.2 7.5 11.3#
85 66.7 53.0 79.6



#71
1,2,3-Trichloropropane
Concen: 0.617 ug/l
RT: 10.821 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 75 Resp: 2552
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 7.8 0.0 80.8
97 15.1 0.0 43.4

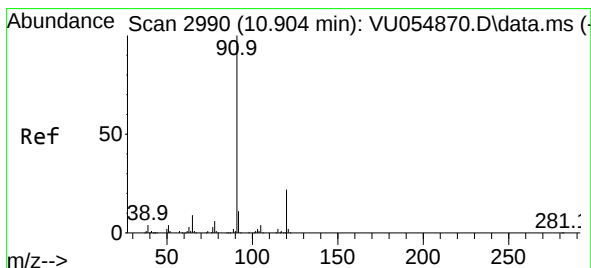
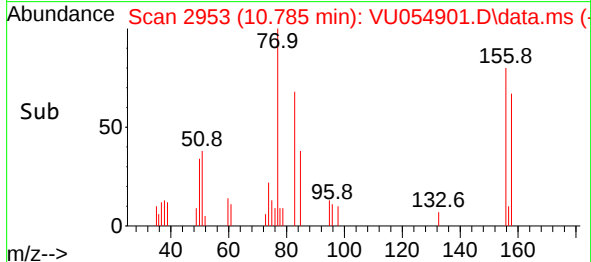
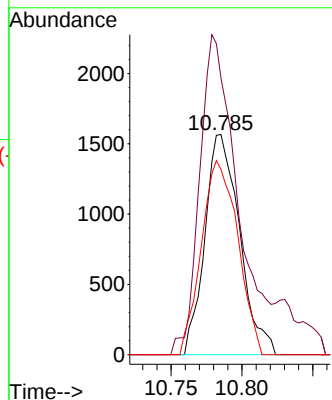
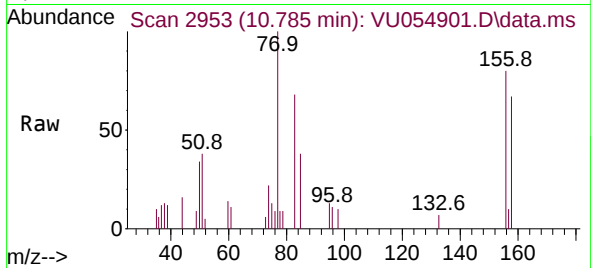




#72
Bromobenzene
Concen: 0.401 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.007 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

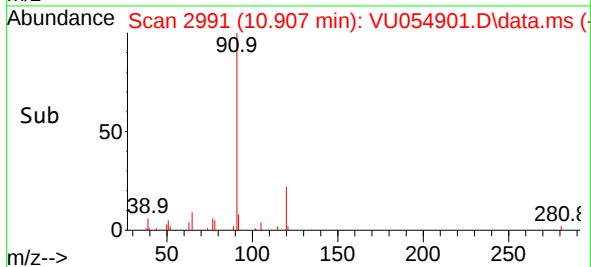
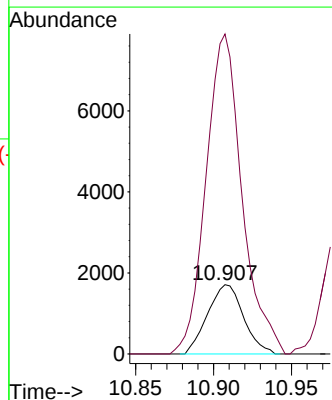
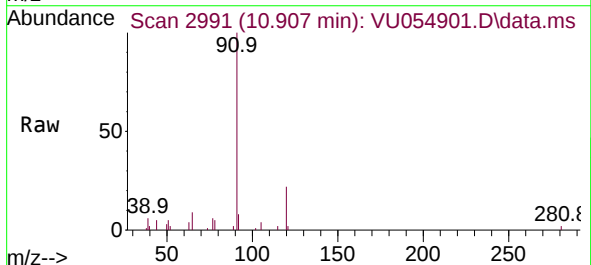
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

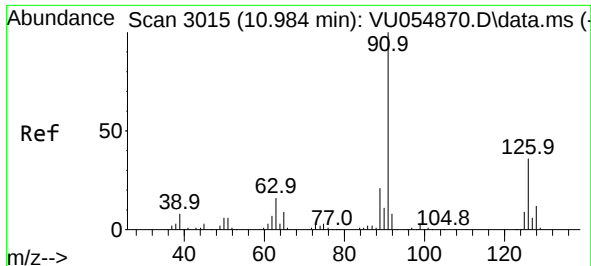
Tgt Ion:156 Resp: 2665
Ion Ratio Lower Upper
156 100
77 157.5 0.0 293.2
158 92.5 0.0 189.8



#73
n-propylbenzene
Concen: 0.344 ug/l
RT: 10.907 min Scan# 2991
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion:120 Resp: 2744
Ion Ratio Lower Upper
120 100
91 463.0 361.8 542.6

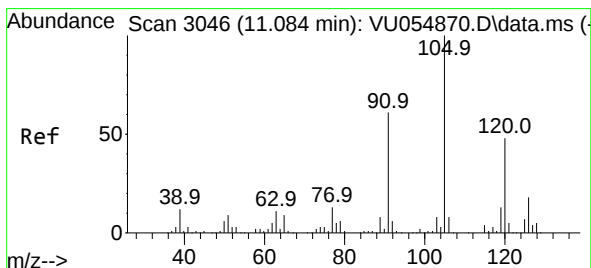
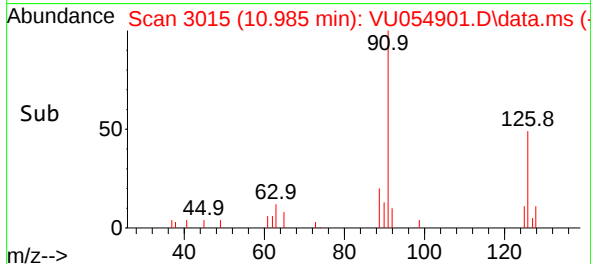
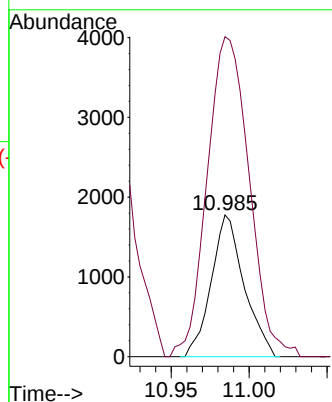
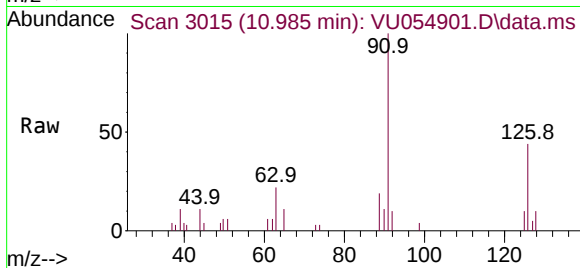




#74
2-Chlorotoluene
Concen: 0.377 ug/l
RT: 10.985 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

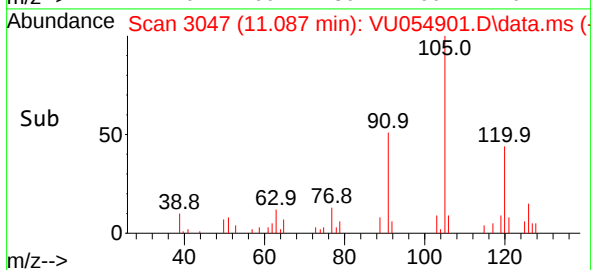
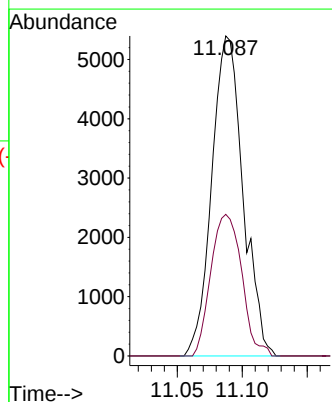
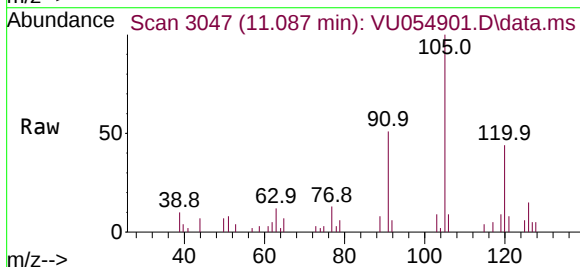
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

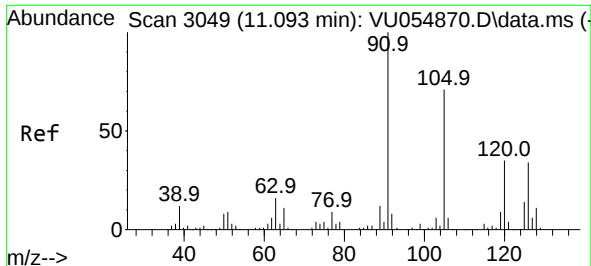
Tgt Ion:126 Resp: 2607
Ion Ratio Lower Upper
126 100
91 288.0 0.0 561.4



#75
1,3,5-Trimethylbenzene
Concen: 0.374 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion:105 Resp: 9037
Ion Ratio Lower Upper
105 100
120 43.6 39.0 58.4

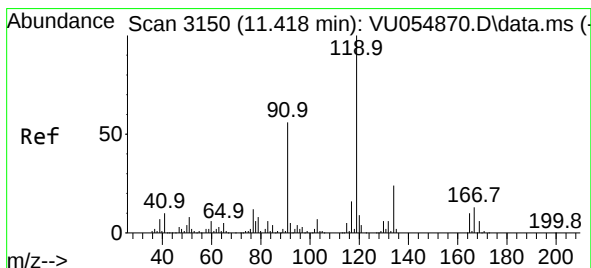
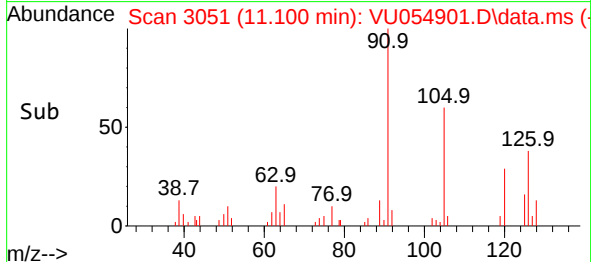
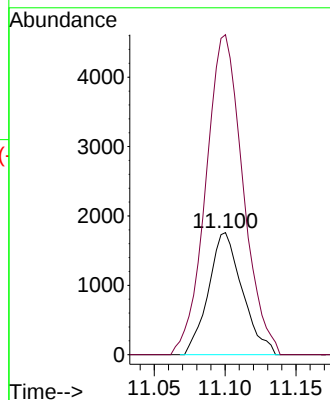
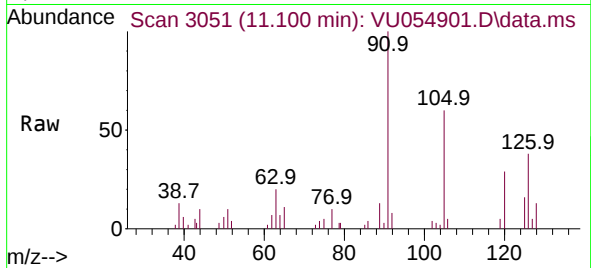




#76
4-Chlorotoluene
Concen: 0.408 ug/l
RT: 11.100 min Scan# 3049
Delta R.T. 0.007 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

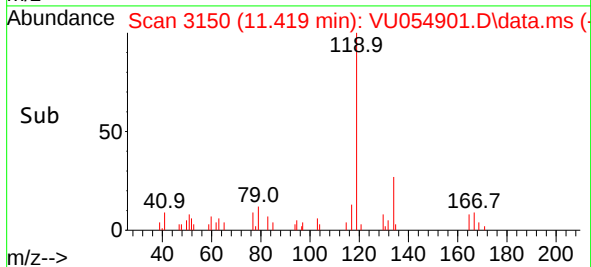
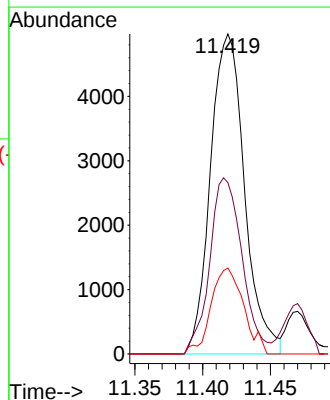
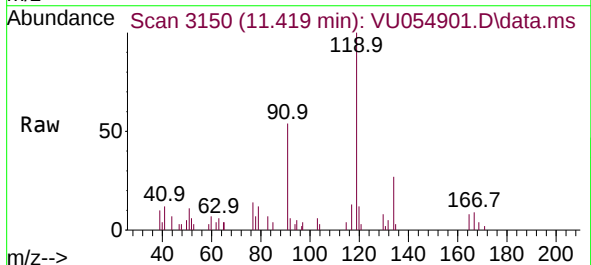
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

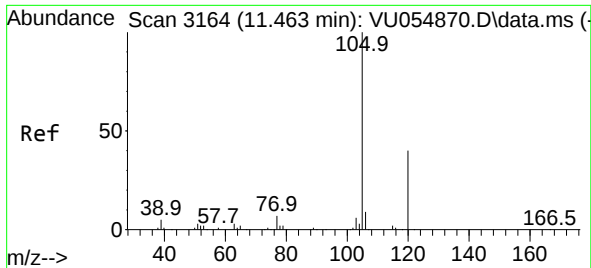
Tgt Ion:126 Resp: 2931
Ion Ratio Lower Upper
126 100
91 287.0 0.0 623.4



#77
tert-Butylbenzene
Concen: 0.346 ug/l
RT: 11.419 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion:119 Resp: 8695
Ion Ratio Lower Upper
119 100
91 52.5 27.7 83.1
134 25.6 18.6 27.8





#78

1,2,4-Trimethylbenzene

Concen: 0.302 ug/l

RT: 11.470 min Scan# 3166

Delta R.T. 0.007 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

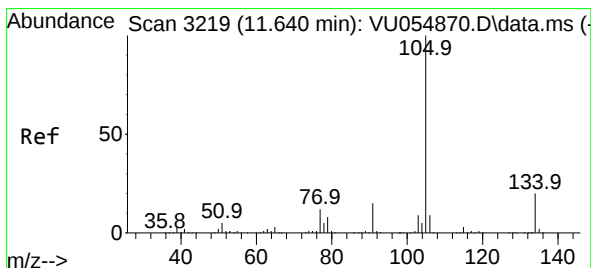
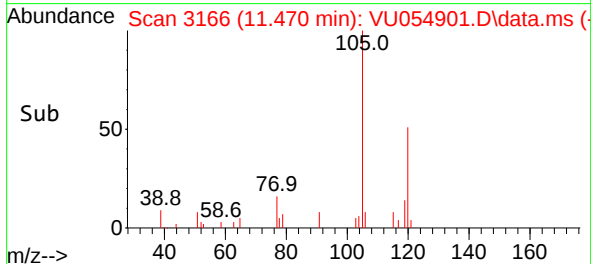
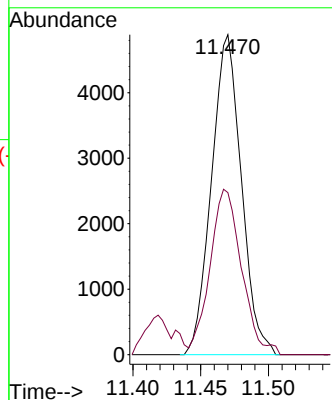
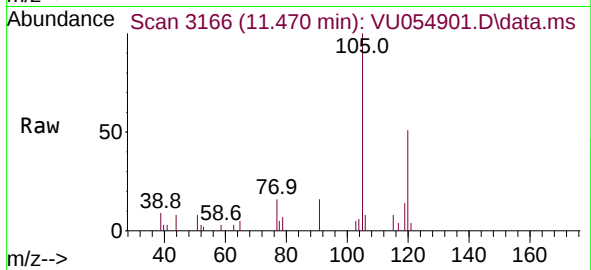
MDL-WATER-03-QT3-2023

Tgt Ion:105 Resp: 7477

Ion Ratio Lower Upper

105 100

120 54.6 22.4 67.3



#79

sec-Butylbenzene

Concen: 0.352 ug/l

RT: 11.644 min Scan# 3220

Delta R.T. 0.004 min

Lab File: VU054901.D

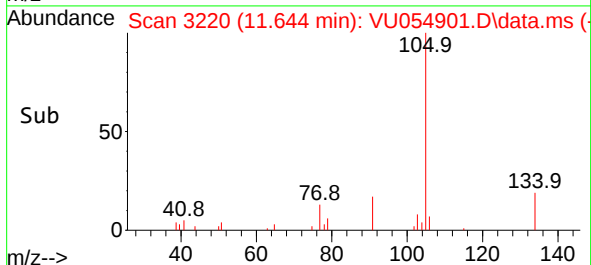
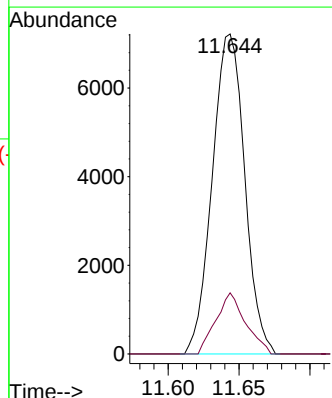
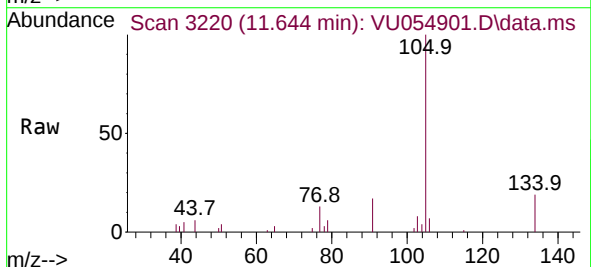
Acq: 27 Jul 2023 18:07

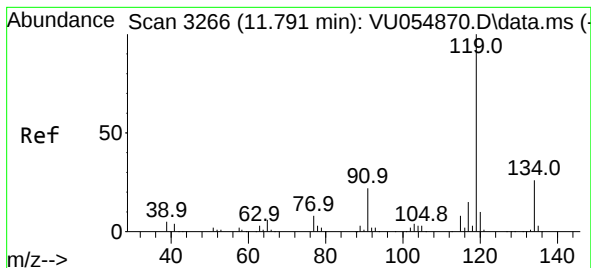
Tgt Ion:105 Resp: 11504

Ion Ratio Lower Upper

105 100

134 17.4 15.7 23.5





#81

p-Isopropyltoluene

Concen: 0.298 ug/l

RT: 11.792 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2023

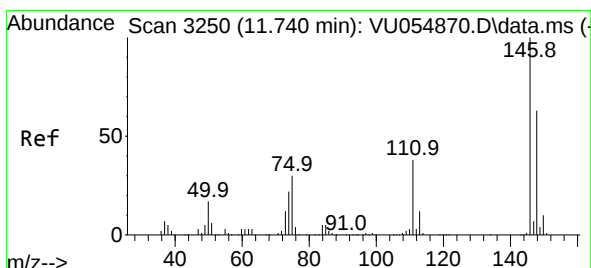
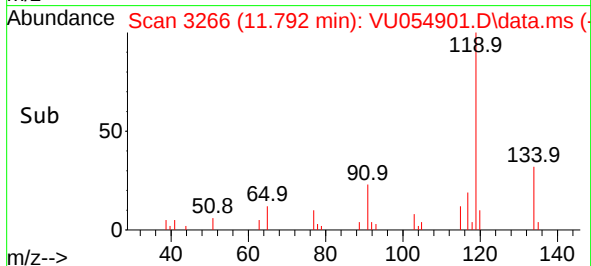
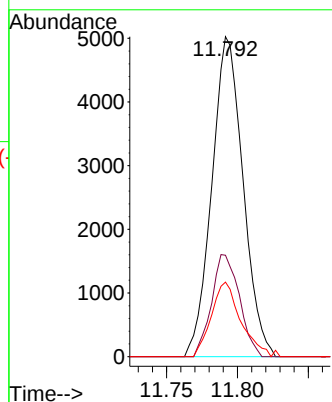
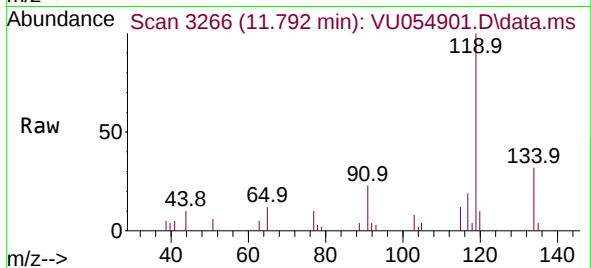
Tgt Ion:119 Resp: 7688

Ion Ratio Lower Upper

119 100

134 28.4 20.6 31.0

91 22.1 18.2 27.4



#82

1,3-Dichlorobenzene

Concen: 0.378 ug/l

RT: 11.747 min Scan# 3252

Delta R.T. 0.007 min

Lab File: VU054901.D

Acq: 27 Jul 2023 18:07

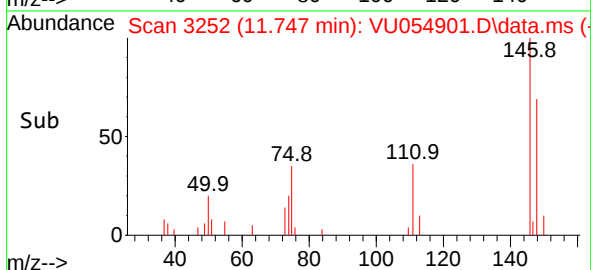
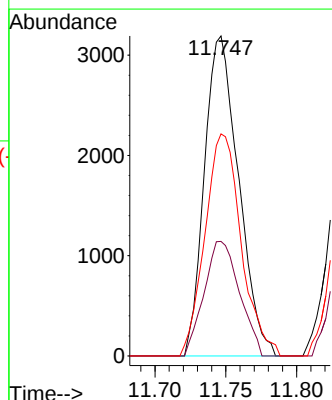
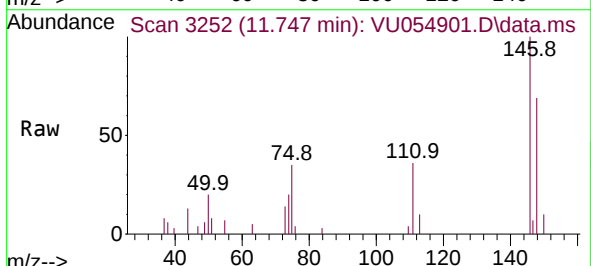
Tgt Ion:146 Resp: 5344

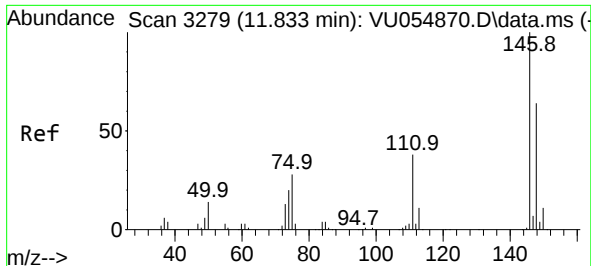
Ion Ratio Lower Upper

146 100

111 37.1 30.5 45.7

148 73.5 51.0 76.6

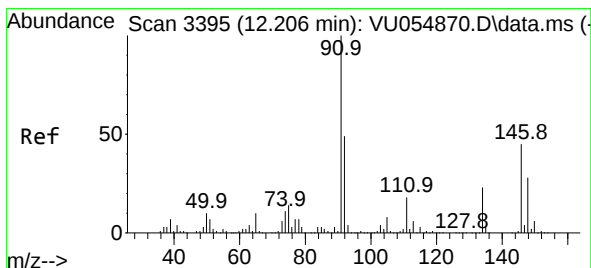
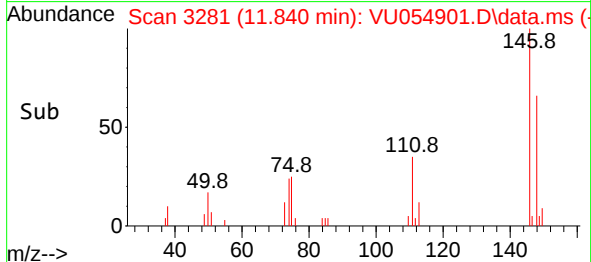
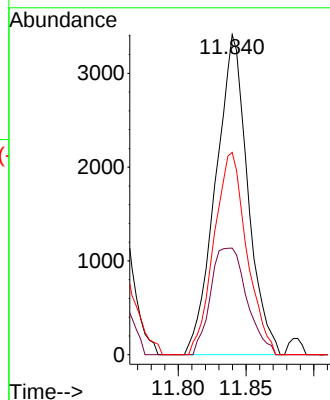
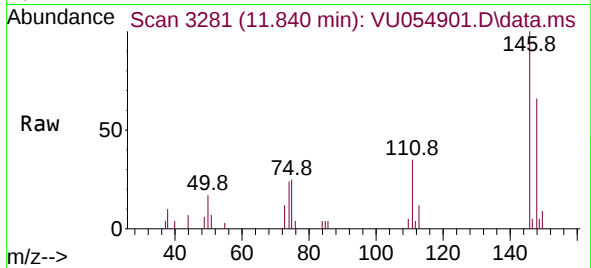




#83
1,4-Dichlorobenzene
Concen: 0.399 ug/l
RT: 11.840 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

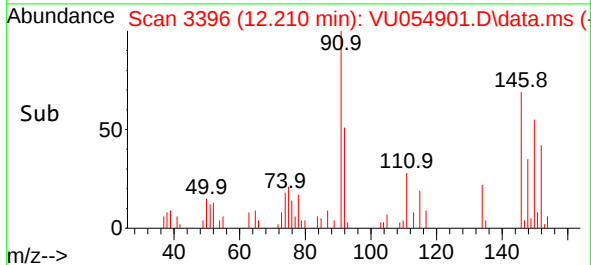
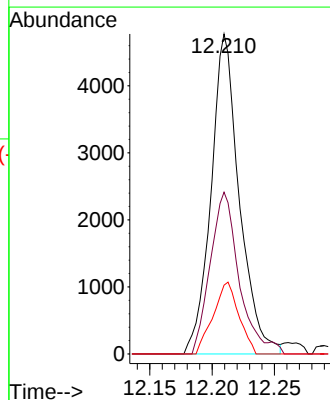
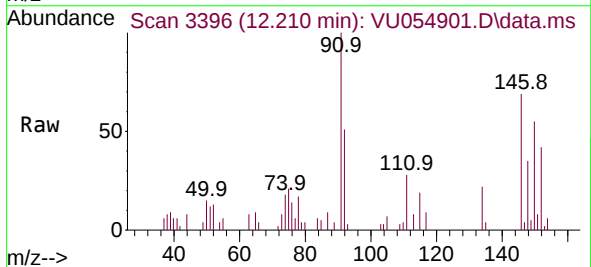
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

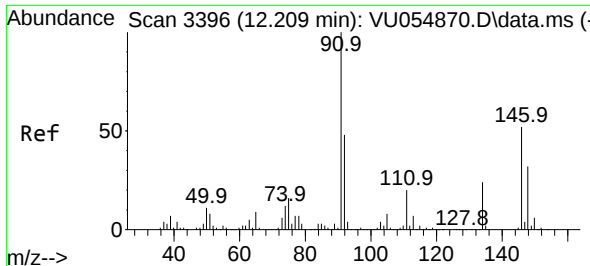
Tgt Ion:146 Resp: 5619
Ion Ratio Lower Upper
146 100
111 37.6 29.5 44.3
148 64.5 51.2 76.8



#84
n-Butylbenzene
Concen: 0.326 ug/l
RT: 12.210 min Scan# 3396
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion: 91 Resp: 7557
Ion Ratio Lower Upper
91 100
92 51.6 39.8 59.8
134 20.2 20.2 30.4#

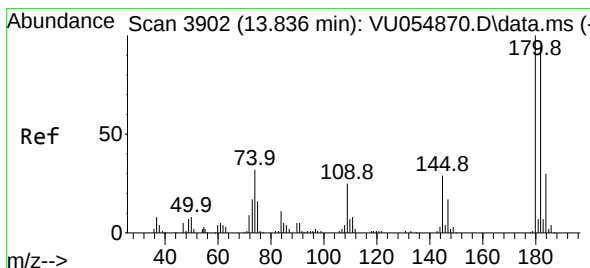
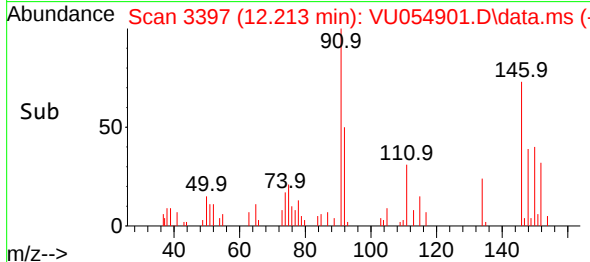
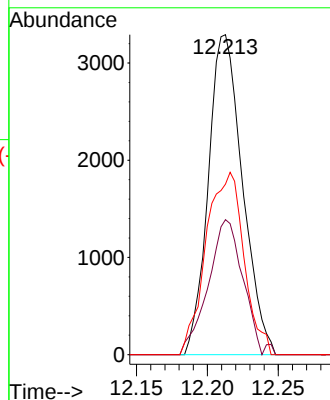
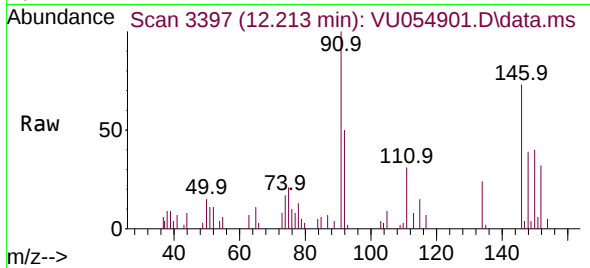




#85
1,2-Dichlorobenzene
Concen: 0.408 ug/l
RT: 12.213 min Scan# 3396
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

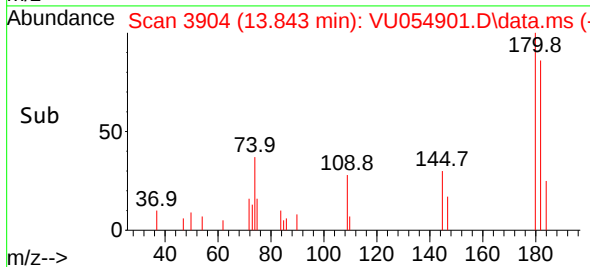
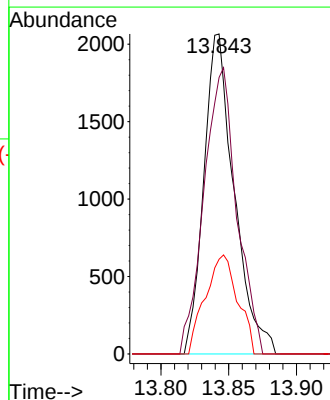
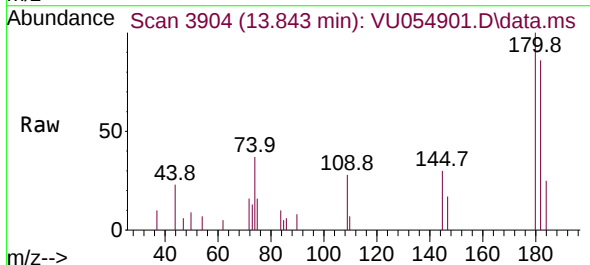
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

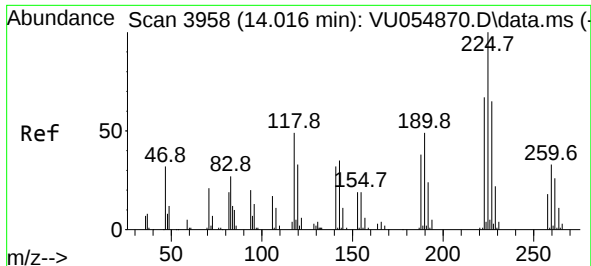
Tgt Ion:146 Resp: 5528
Ion Ratio Lower Upper
146 100
111 42.4 19.8 59.4
148 63.1 31.8 95.3



#87
1,2,4-Trichlorobenzene
Concen: 0.373 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.007 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion:180 Resp: 3220
Ion Ratio Lower Upper
180 100
182 96.5 77.0 115.6
145 33.0 23.4 35.0

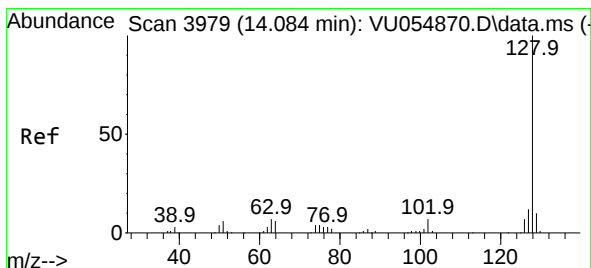
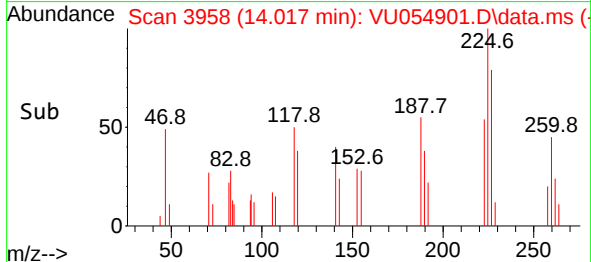
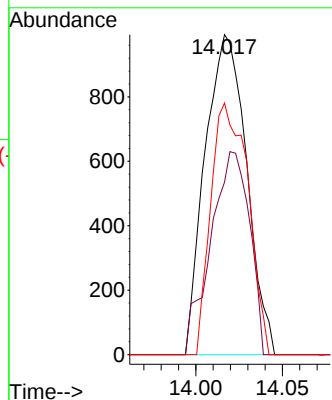
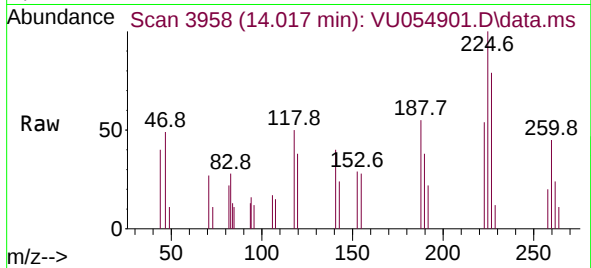




#88
Hexachlorobutadiene
Concen: 0.358 ug/l
RT: 14.017 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

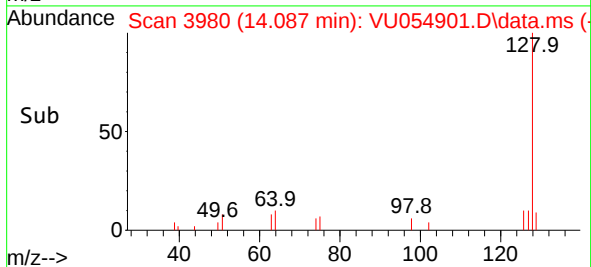
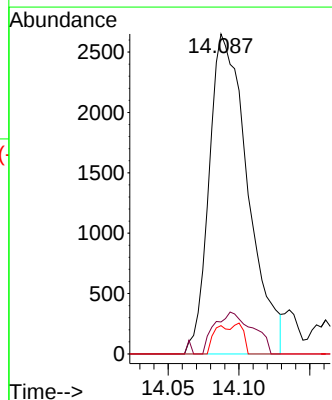
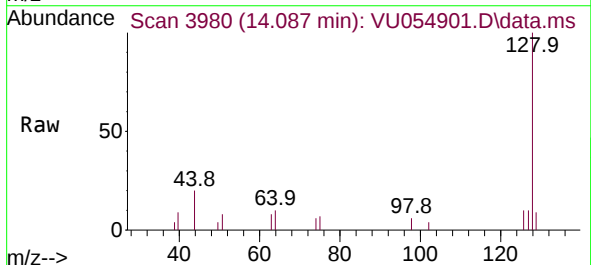
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2023

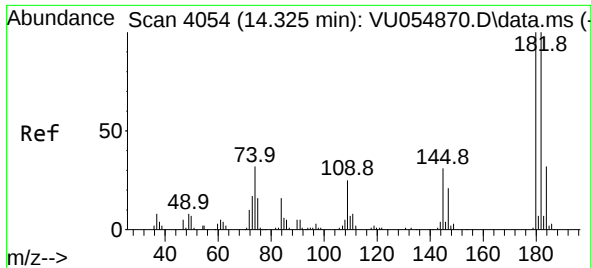
Tgt Ion:225 Resp: 1652
Ion Ratio Lower Upper
225 100
223 59.3 50.6 76.0
227 70.5 50.7 76.1



#89
Naphthalene
Concen: 0.376 ug/l
RT: 14.087 min Scan# 3980
Delta R.T. 0.004 min
Lab File: VU054901.D
Acq: 27 Jul 2023 18:07

Tgt Ion:128 Resp: 5033
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 3.9 8.7 13.1#





#90

1,2,3-Trichlorobenzene

Concen: 0.426 ug/l

RT: 14.332 min Scan# 4056

Delta R.T. 0.007 min

Lab File: VU054901.D

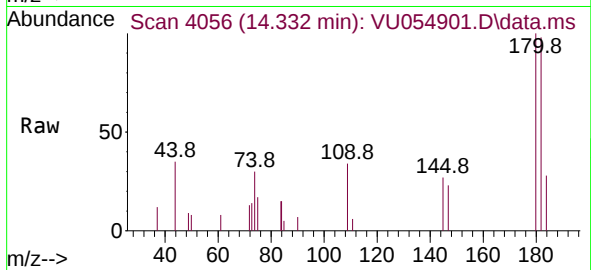
Acq: 27 Jul 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2023



Tgt Ion:180 Resp: 3268

Ion Ratio Lower Upper

180 100

182 92.9 76.0 114.0

145 27.4 24.3 36.5

