

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050404.D
 Acq On : 22 Aug 2022 18:29
 Operator : SY/MD
 Sample : N3980-07 0.25ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Quant Time: Aug 23 09:09:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 09:08:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.125	96	32545	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	8394	0.758	ug/l	0.00
Spiked Amount 1.000			Recovery	=	76.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	10512	0.803	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3695	0.274	ug/l	91
3) Chloromethane	1.520	50	6378	0.389	ug/l	98
4) Vinyl Chloride	1.604	62	4360	0.311	ug/l	96
5) Bromomethane	1.855	94	1020	0.178	ug/l	90
6) Chloroethane	1.935	64	3006	0.355	ug/l	96
7) Trichlorofluoromethane	2.141	101	5039	0.288	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.597	101	2821	0.289	ug/l #	92
9) 1,1-Dichloroethene	2.594	96	3001	0.313	ug/l	89
10) Iodomethane	2.745	142	657	0.083	ug/l	90
11) Allyl Chloride	2.951	41	4913	0.333	ug/l	98
12) Acrylonitrile	3.363	53	1408	0.490	ug/l #	90
13) Acetone	2.658	43	3388	1.685	ug/l	99
14) Carbon Disulfide	2.816	76	9457	0.319	ug/l	99
15) Methylene Chloride	3.076	84	6240	0.481	ug/l	95
16) trans-1,2-Dichloroethene	3.385	96	3125	0.315	ug/l	89
17) 1,1-Dichloroethane	3.890	63	7073	0.343	ug/l	98
18) 2-Butanone	4.707	43	184	0.058	ug/l	75
19) Cyclohexane	5.375	56	4591	0.307	ug/l #	94
20) Methylcyclohexane	6.800	83	2287	0.194	ug/l	93
21) 2,2-Dichloropropane	4.678	77	4847	0.309	ug/l #	75
22) cis-1,2-Dichloroethene	4.681	96	3698	0.330	ug/l	95
23) Diethyl Ether	2.385	59	2607	0.317	ug/l #	88
24) tert-Butyl Alcohol	3.231	59	1635	1.877	ug/l #	73
25) Methyl tert-Butyl Ether	3.411	73	7943	0.312	ug/l #	84
26) Bromochloromethane	4.983	128	1383	0.308	ug/l	84
27) Chloroform	5.099	83	7006	0.350	ug/l	100
28) 1,1,1-Trichloroethane	5.311	97	5510	0.323	ug/l	91
29) 1,1-Dichloropropene	5.517	75	4399	0.322	ug/l	89
30) Carbon Tetrachloride	5.510	117	4132	0.303	ug/l	94
31) Isopropyl Ether	4.041	45	12648	0.395	ug/l	89
32) Ethyl-t-butyl ether	4.539	59	7382	0.294	ug/l	96
33) Tert-Amyl methyl ether	5.967	73	4128	0.252	ug/l #	92
34) Propionitrile	4.784	54	131	0.140	ug/l #	31
35) Benzene	5.771	78	12657	0.315	ug/l	92
36) 1,2-Dichloroethane	5.806	62	3845	0.313	ug/l #	82
37) Trichloroethene	6.584	130	2547	0.264	ug/l	92
38) 1,2-Dichloropropane	6.835	63	2891	0.268	ug/l	99
39) Methacrylonitrile	5.002	41	1067	0.278	ug/l #	83
40) Methyl acrylate	4.877	55	2429	0.416	ug/l #	71
41) Tetrahydrofuran	5.083	42	687	0.358	ug/l #	31
42) 1-Chlorobutane	5.453	56	6237	0.320	ug/l	88
43) Dibromomethane	6.961	93	1753	0.302	ug/l	94
44) Bromodichloromethane	7.147	83	4178	0.305	ug/l #	98

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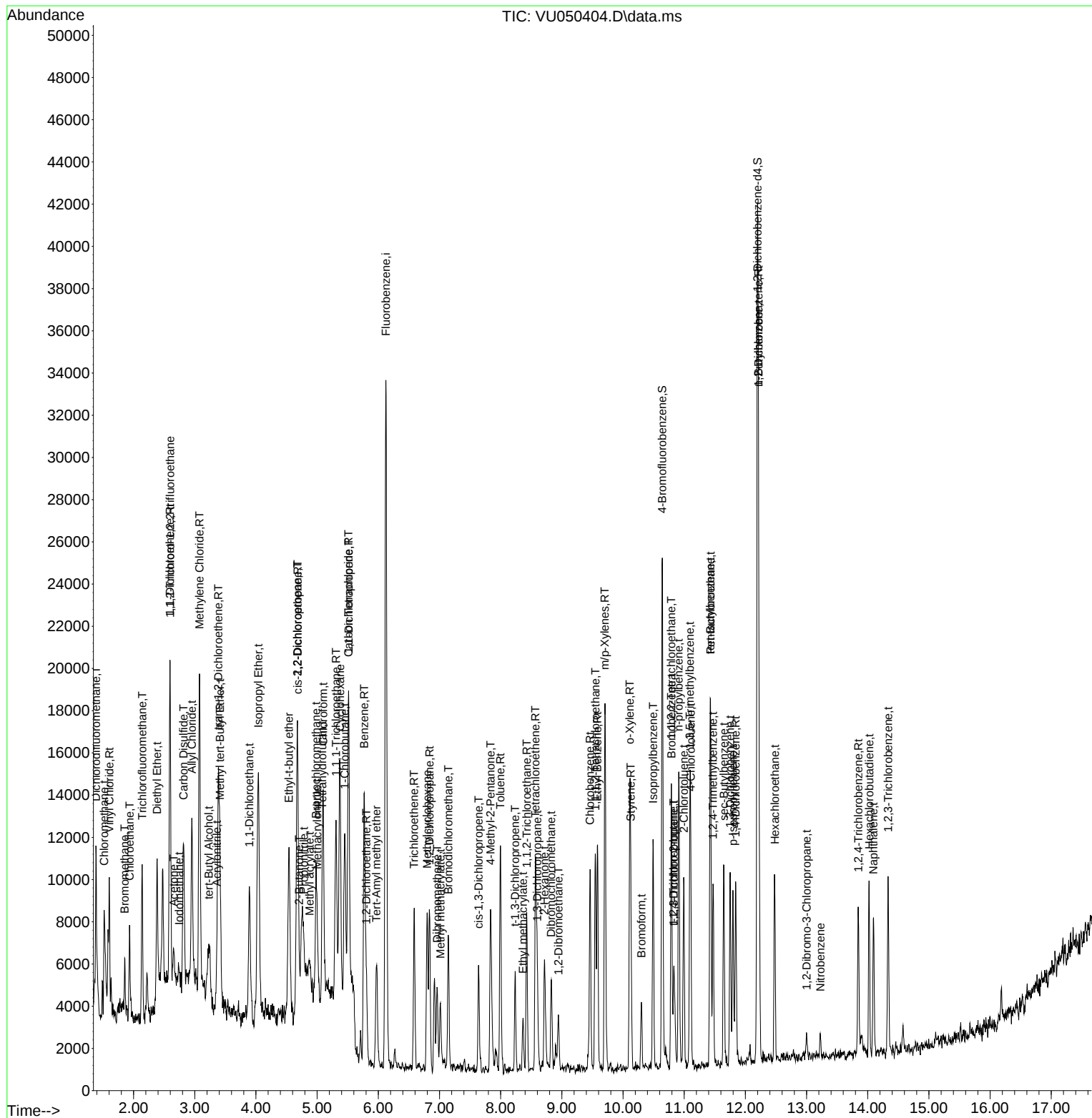
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.835	43	6746	1.156	ug/l	93
46) t-1,4-Dichloro-2-butene	10.829	75	2711	0.920	ug/l #	35
47) Methyl methacrylate	7.015	69	1911	0.439	ug/l #	88
48) Ethyl methacrylate	8.366	69	1594	0.201	ug/l	97
49) Toluene	7.993	92	5035	0.233	ug/l	98
50) t-1,3-Dichloropropene	8.237	75	2502	0.234	ug/l	97
51) cis-1,3-Dichloropropene	7.642	75	2999	0.245	ug/l #	92
52) 1,1,2-Trichloroethane	8.427	97	2709	0.317	ug/l #	75
53) 1,3-Dichloropropane	8.600	76	3509	0.261	ug/l	93
54) 2-Hexanone	8.716	43	4336	1.067	ug/l	86
55) Dibromochloromethane	8.825	129	2703	0.288	ug/l	91
56) 1,2-Dibromoethane	8.948	107	1985	0.259	ug/l	95
58) Tetrachloroethene	8.568	164	2441	0.269	ug/l	94
59) Chlorobenzene	9.462	112	5834	0.250	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.549	131	2832	0.289	ug/l	97
61) Pentachloroethane	11.430	117	2255	0.277	ug/l	94
62) Hexachloroethane	12.481	117	1844	0.272	ug/l	94
63) Ethyl Benzene	9.581	91	7726	0.208	ug/l	95
64) m/p-Xylenes	9.703	106	5202	0.360	ug/l	93
65) o-Xylene	10.112	106	2898	0.210	ug/l	93
66) Styrene	10.128	104	4143	0.177	ug/l	97
67) Bromoform	10.301	173	1499	0.281	ug/l #	97
69) Isopropylbenzene	10.494	105	7082	0.198	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.790	83	3300	0.281	ug/l #	98
71) 1,2,3-Trichloropropane	10.829	75	2711	0.307	ug/l	72
72) Bromobenzene	10.793	156	2144	0.213	ug/l	94
73) n-propylbenzene	10.909	120	2380	0.244	ug/l	89
74) 2-Chlorotoluene	10.993	126	1688	0.178	ug/l	70
75) 1,3,5-Trimethylbenzene	11.092	105	5349	0.169	ug/l	96
76) 4-Chlorotoluene	11.108	126	1632	0.168	ug/l	90
77) tert-Butylbenzene	11.427	119	6210	0.199	ug/l	96
78) 1,2,4-Trimethylbenzene	11.472	105	5418	0.166	ug/l	100
79) sec-Butylbenzene	11.648	105	6870	0.168	ug/l	100
80) Nitrobenzene	13.227	77	799	1.253	ug/l #	78
81) p-Isopropyltoluene	11.796	119	5267	0.161	ug/l	98
82) 1,3-Dichlorobenzene	11.751	146	4381	0.212	ug/l	96
83) 1,4-Dichlorobenzene	11.841	146	4527	0.220	ug/l	91
84) n-Butylbenzene	12.214	91	5116	0.166	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	4575	0.225	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	13.002	75	474	0.255	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.848	180	2680	0.231	ug/l #	93
88) Hexachlorobutadiene	14.025	225	1771	0.234	ug/l	87
89) Naphthalene	14.092	128	5783	0.226	ug/l #	96
90) 1,2,3-Trichlorobenzene	14.333	180	2853	0.233	ug/l	96

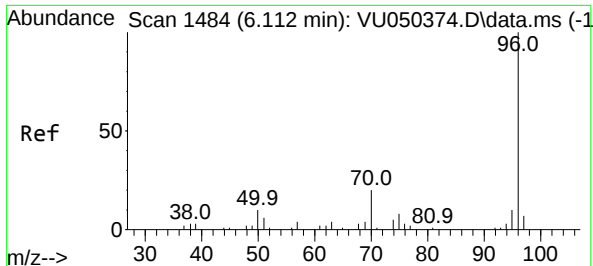
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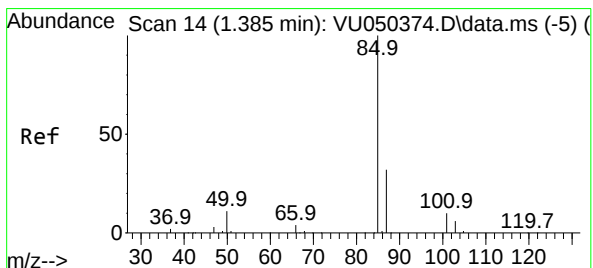
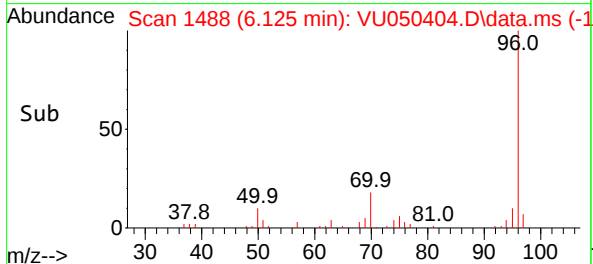
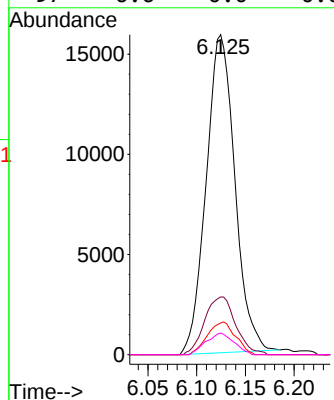
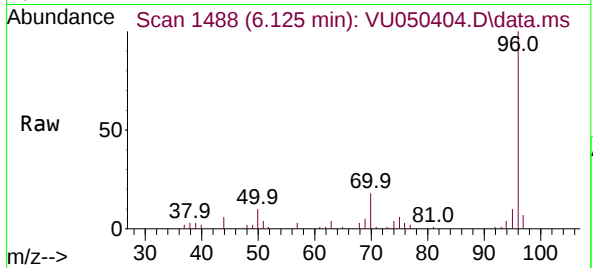




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.125 min Scan# 14
Delta R.T. 0.010 min
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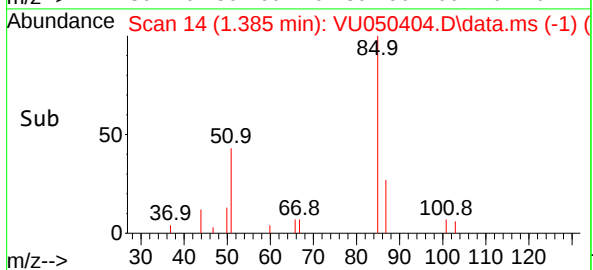
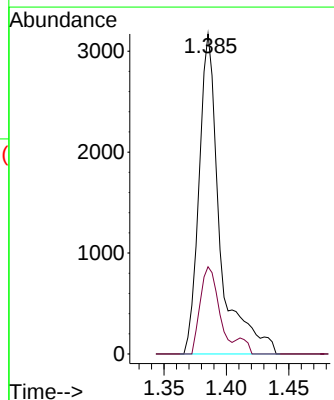
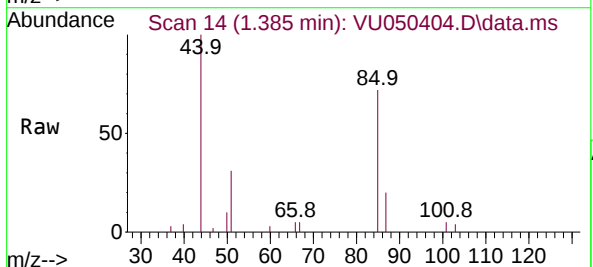
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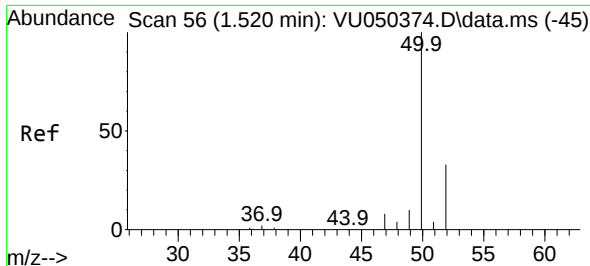
Tgt Ion: 96	Resp: 32545
Ion Ratio	Lower Upper
96 100	
70 19.6	16.7 25.1
95 10.1	7.4 11.0
97 6.6	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.274 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 85	Resp: 3695
Ion Ratio	Lower Upper
85 100	
87 27.2	16.3 48.8

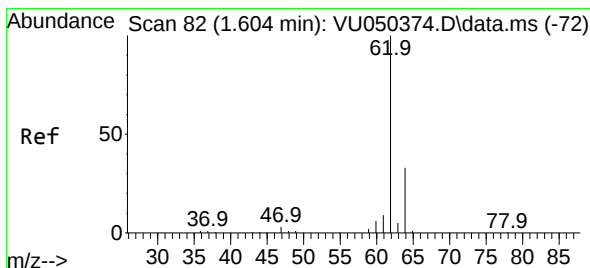
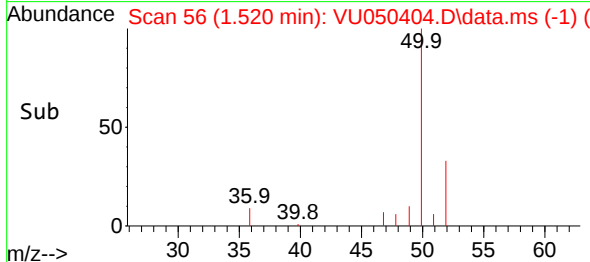
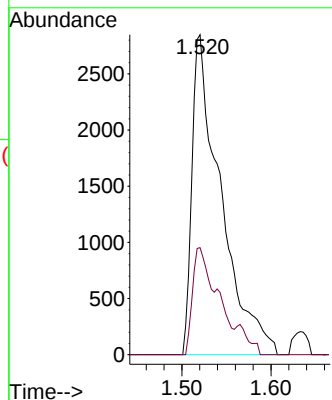
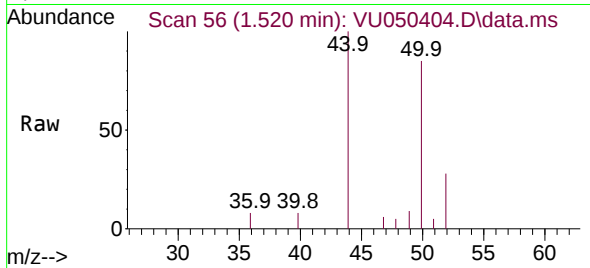




#3
Chloromethane
Concen: 0.389 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

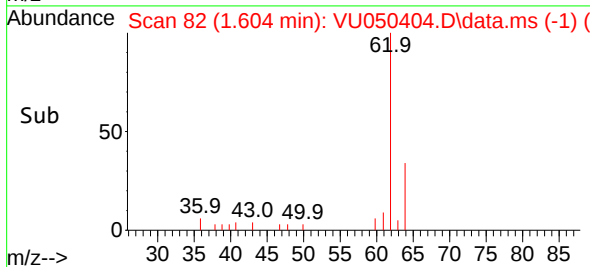
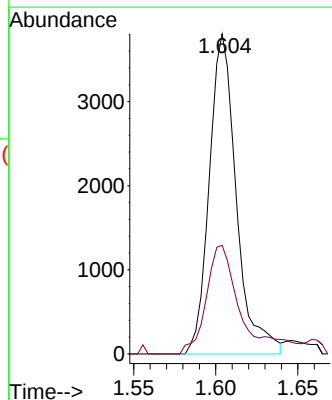
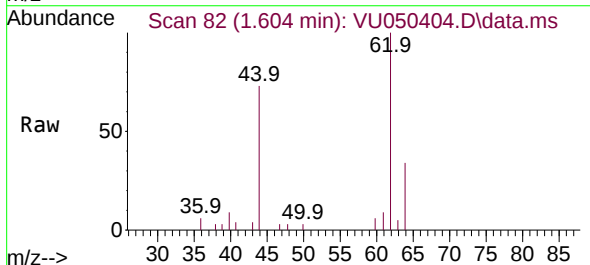
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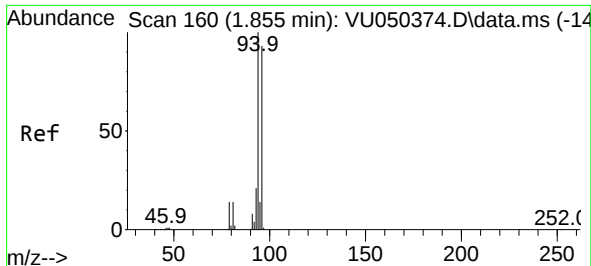
Tgt Ion: 50 Resp: 6378
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1



#4
Vinyl Chloride
Concen: 0.311 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 62 Resp: 4360
Ion Ratio Lower Upper
62 100
64 34.0 25.5 38.3

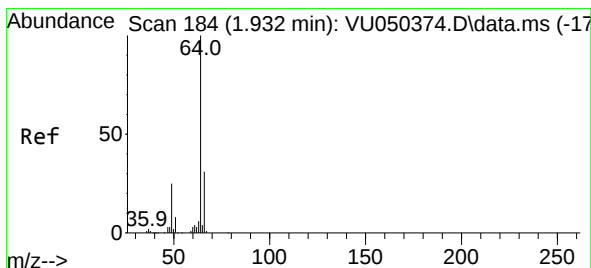
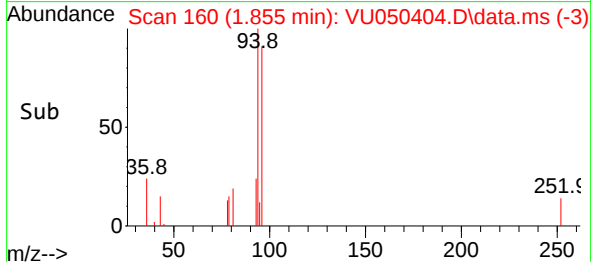
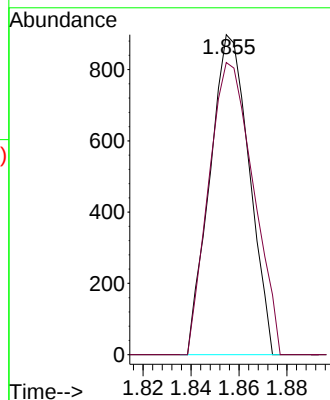
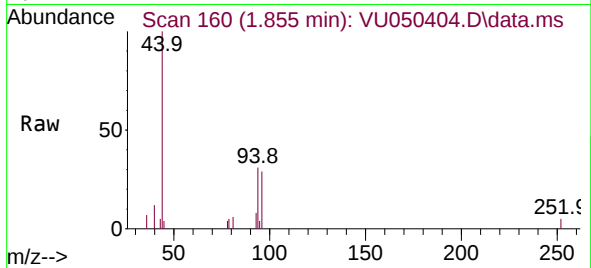




#5
Bromomethane
Concen: 0.178 ug/l
RT: 1.855 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050404.D
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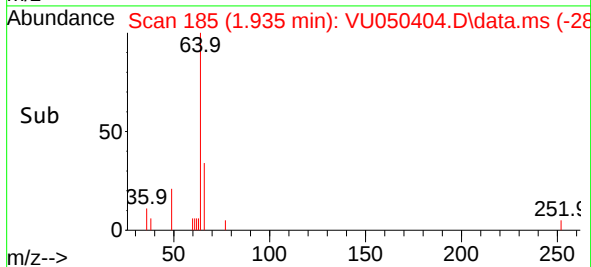
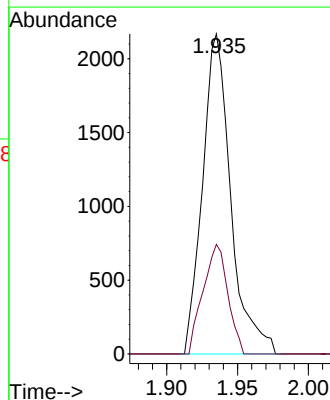
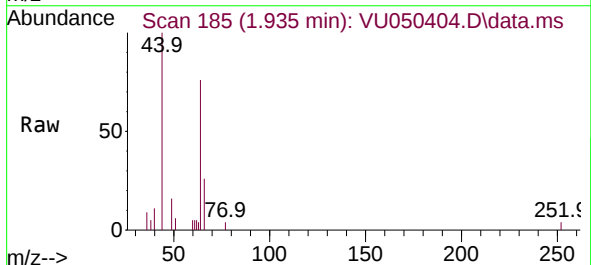
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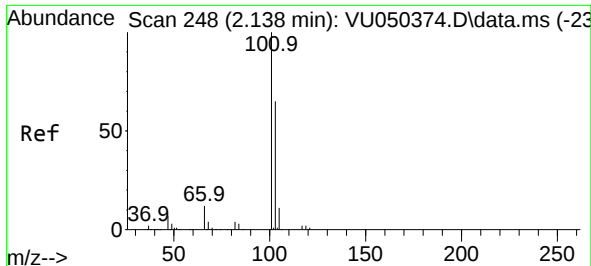
Tgt Ion: 94 Resp: 1020
Ion Ratio Lower Upper
94 100
96 81.5 73.0 109.6



#6
Chloroethane
Concen: 0.355 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050404.D
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Tgt Ion: 64 Resp: 3006
Ion Ratio Lower Upper
64 100
66 34.3 25.8 38.6

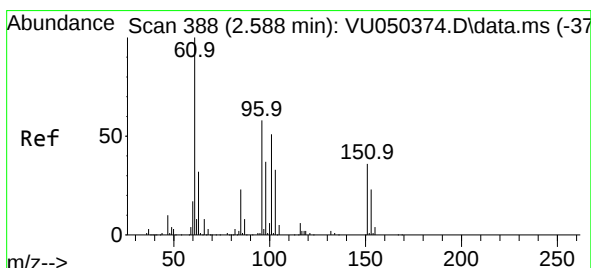
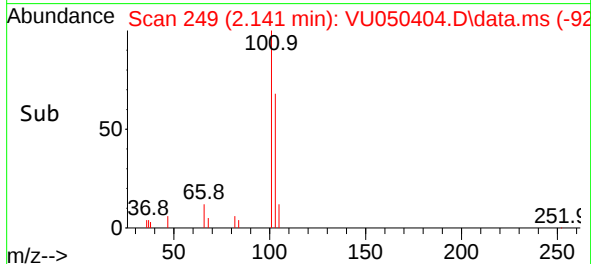
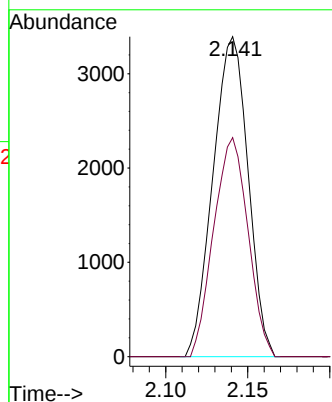
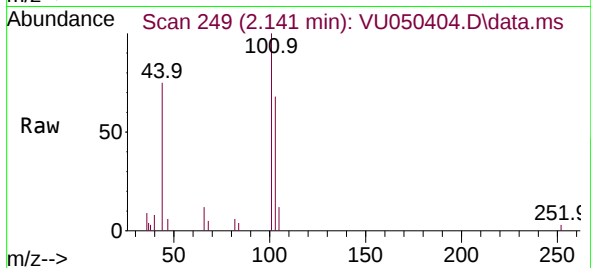




#7
 Trichlorofluoromethane
 Concen: 0.288 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU050404.D
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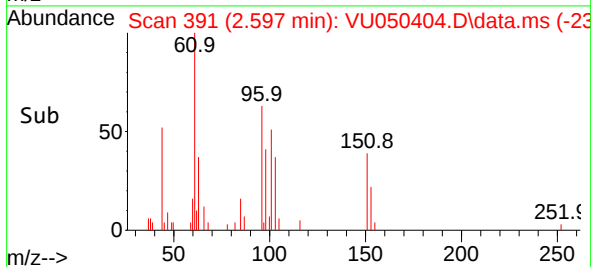
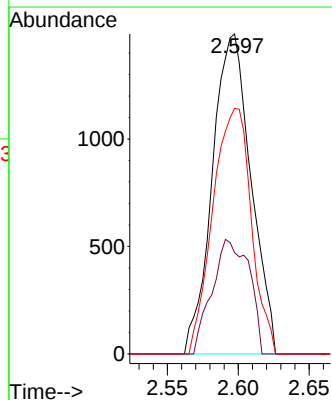
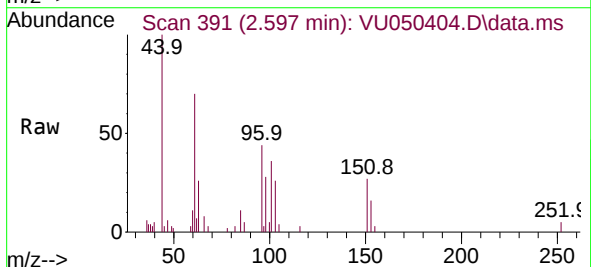
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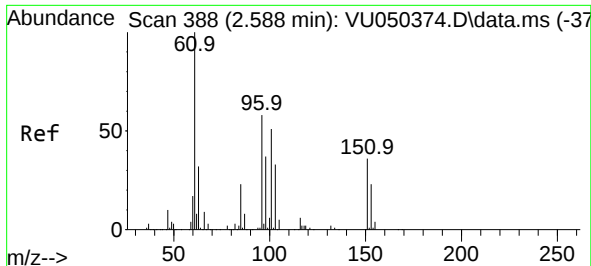
Tgt Ion:101 Resp: 5039
 Ion Ratio Lower Upper
 101 100
 103 68.4 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.289 ug/l
 RT: 2.597 min Scan# 391
 Delta R.T. 0.016 min
 Lab File: VU050404.D
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Tgt Ion:101 Resp: 2821
 Ion Ratio Lower Upper
 101 100
 85 34.4 36.4 54.6#
 151 76.4 59.1 88.7

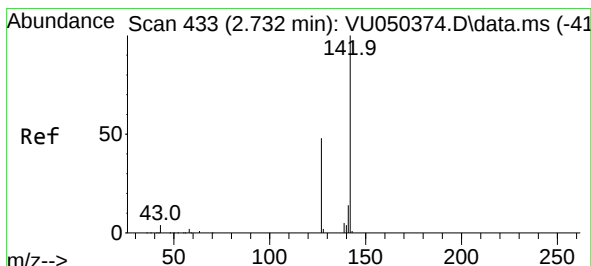
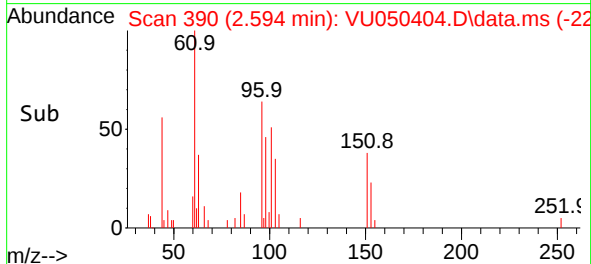
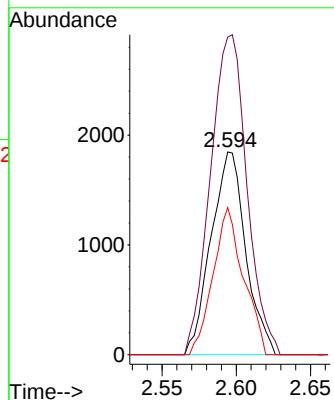
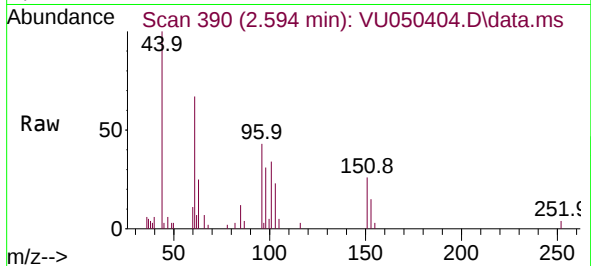




#9
1,1-Dichloroethene
Concen: 0.313 ug/l
RT: 2.594 min Scan# 390
Delta R.T. 0.016 min
Lab File: VU050404.D
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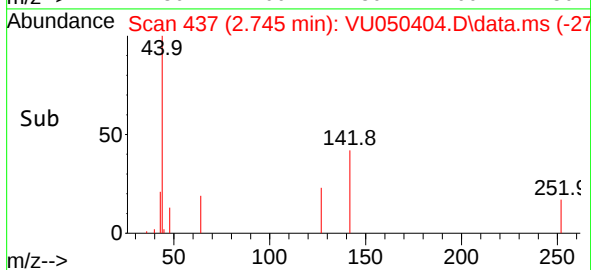
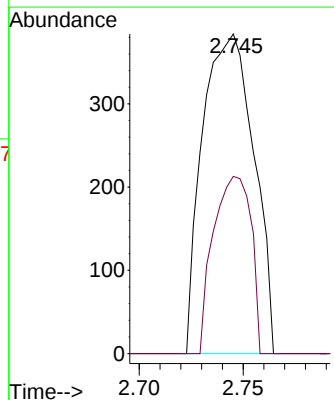
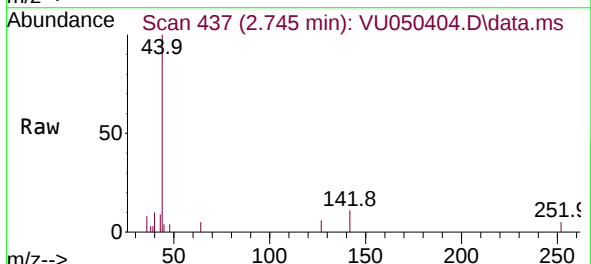
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

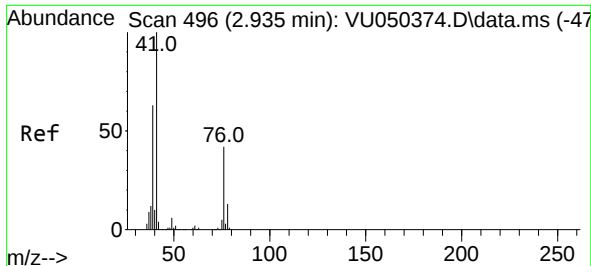
Tgt Ion: 96 Resp: 3001
Ion Ratio Lower Upper
96 100
61 156.6 0.0 510.6
98 72.6 0.0 124.6



#10
Iodomethane
Concen: 0.083 ug/l
RT: 2.745 min Scan# 437
Delta R.T. 0.026 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 142 Resp: 657
Ion Ratio Lower Upper
142 100
127 40.8 38.2 57.2

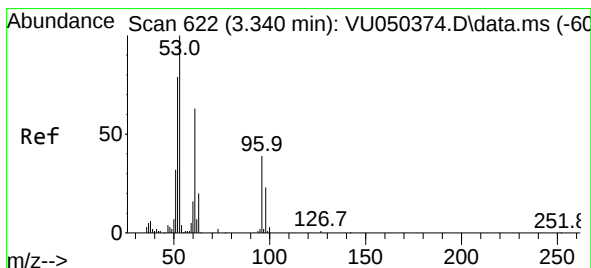
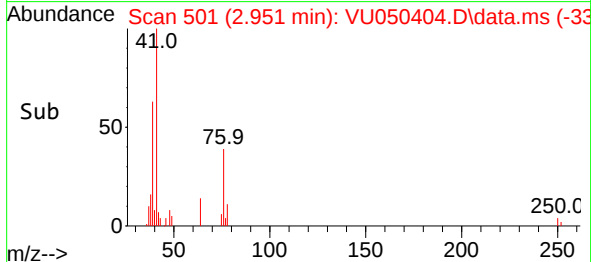
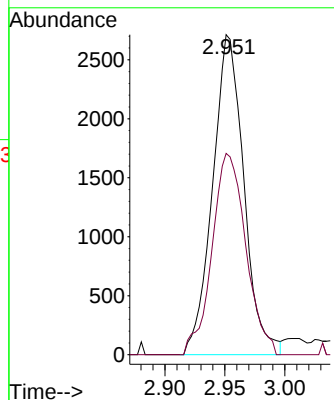
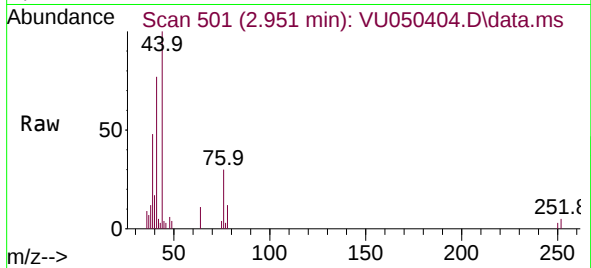




#11
 Allyl Chloride
 Concen: 0.333 ug/l
 RT: 2.951 min Scan# 501
 Delta R.T. 0.029 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

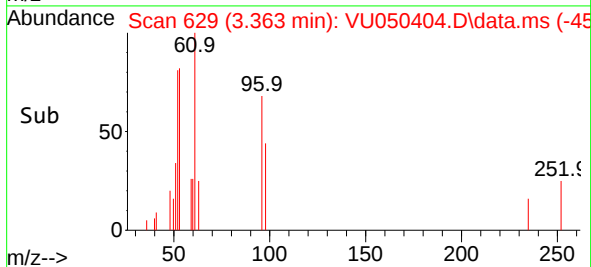
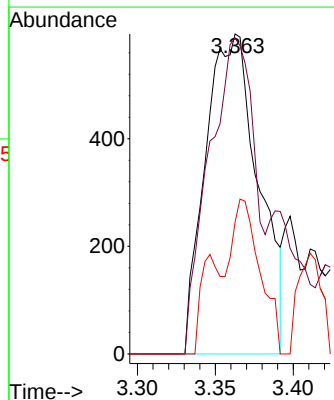
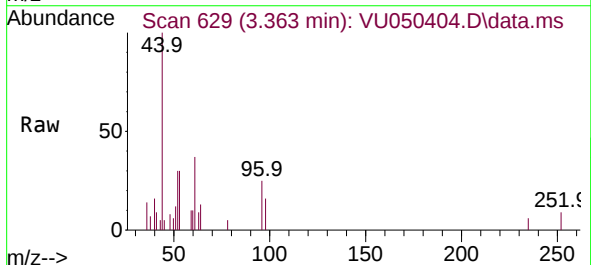
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

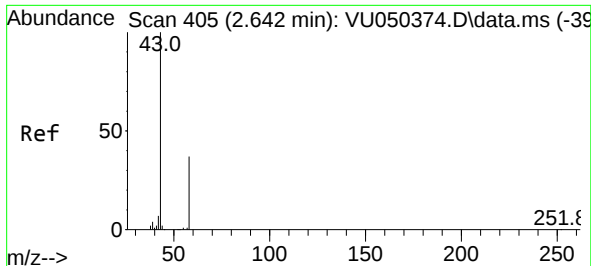
Tgt Ion: 41 Resp: 4913
 Ion Ratio Lower Upper
 41 100
 39 68.0 53.2 79.8



#12
 Acrylonitrile
 Concen: 0.490 ug/l
 RT: 3.363 min Scan# 629
 Delta R.T. 0.045 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

Tgt Ion: 53 Resp: 1408
 Ion Ratio Lower Upper
 53 100
 52 85.4 64.6 97.0
 51 26.1 30.7 46.1#

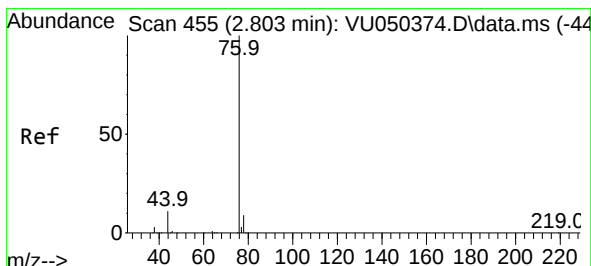
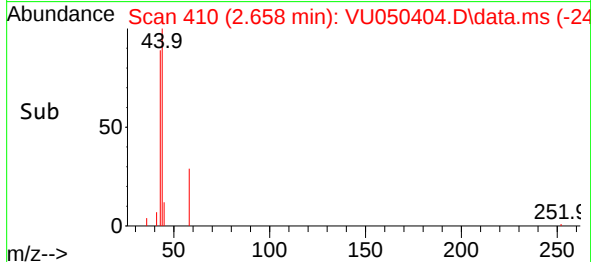
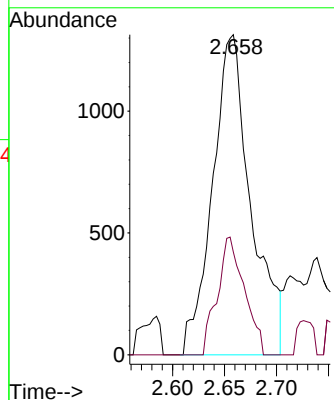
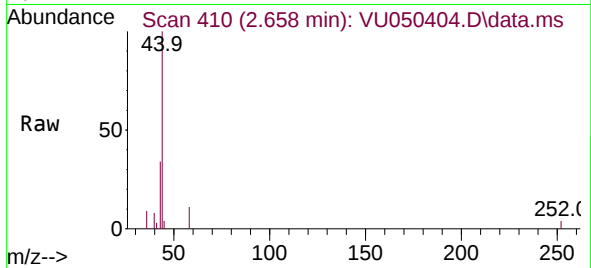




#13
Acetone
Concen: 1.685 ug/l
RT: 2.658 min Scan# 411
Delta R.T. 0.032 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

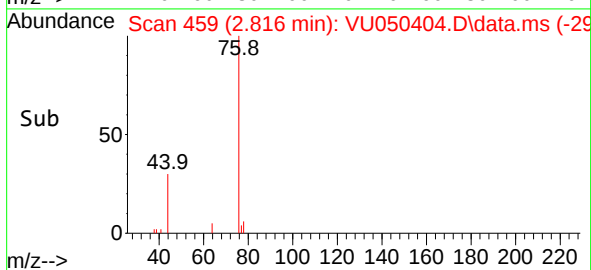
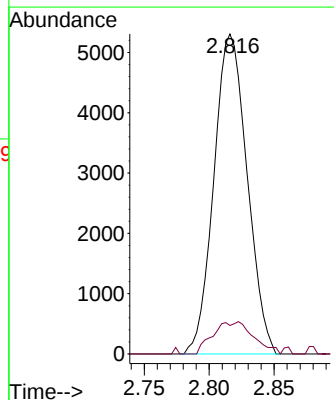
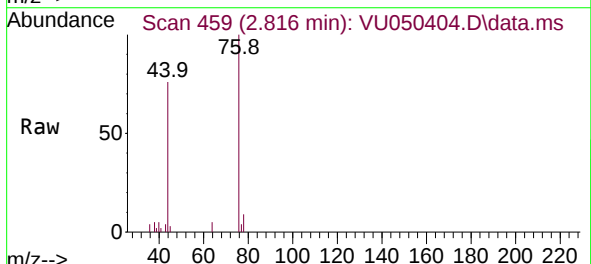
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

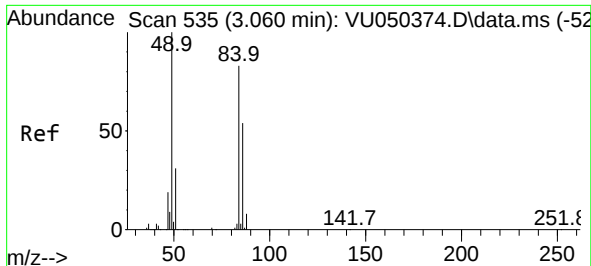
Tgt Ion: 43 Resp: 3388
Ion Ratio Lower Upper
43 100
58 32.1 26.2 39.2



#14
Carbon Disulfide
Concen: 0.319 ug/l
RT: 2.816 min Scan# 459
Delta R.T. 0.026 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 76 Resp: 9457
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

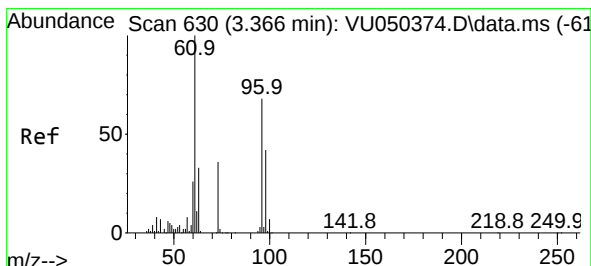
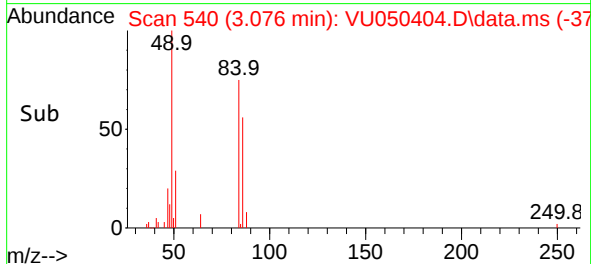
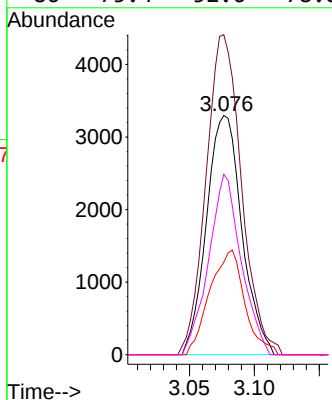
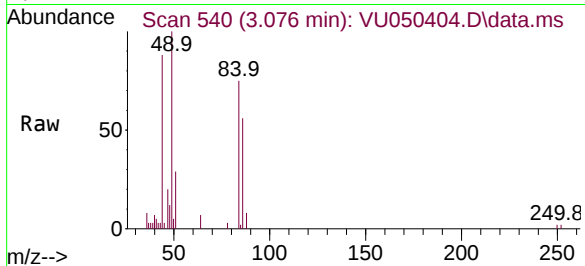




#15
Methylene Chloride
Concen: 0.481 ug/l
RT: 3.076 min Scan# 541
Delta R.T. 0.032 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

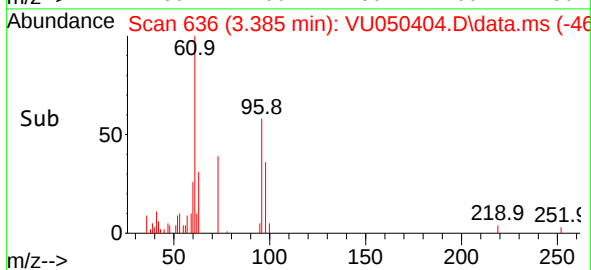
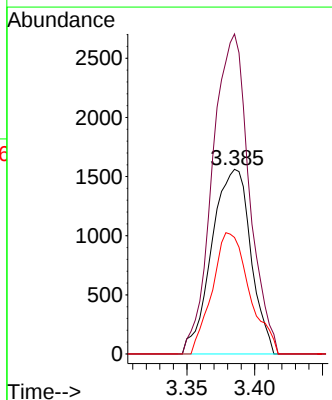
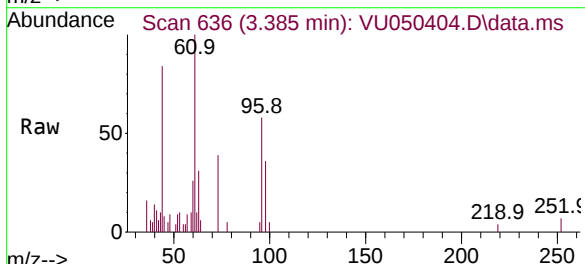
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

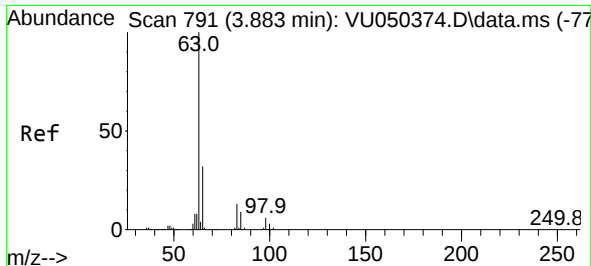
Tgt Ion:	84	Resp:	6240
Ion	Ratio	Lower	Upper
84	100		
49	133.8	104.6	157.0
51	38.7	0.0	81.4
86	75.4	52.6	78.8



#16
trans-1,2-Dichloroethene
Concen: 0.315 ug/l
RT: 3.385 min Scan# 636
Delta R.T. 0.036 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:	96	Resp:	3125
Ion	Ratio	Lower	Upper
96	100		
61	173.4	123.4	185.0
98	63.1	51.6	77.4

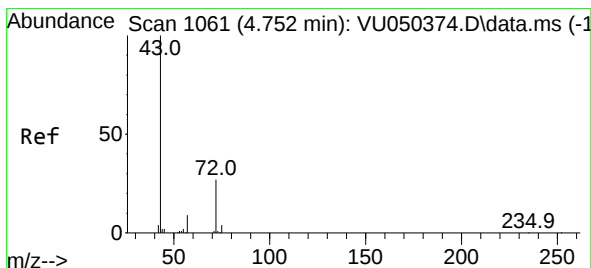
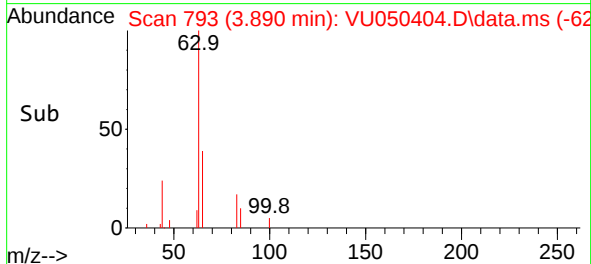
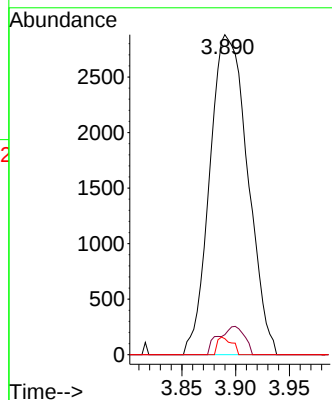
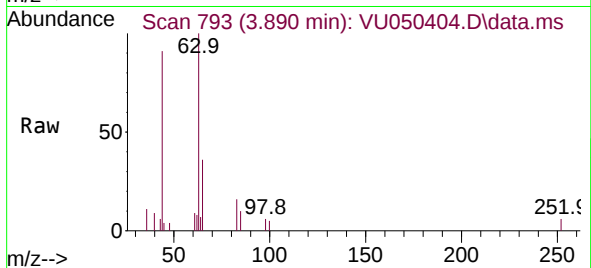




#17
1,1-Dichloroethane
Concen: 0.343 ug/l
RT: 3.890 min Scan# 791
Delta R.T. 0.026 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

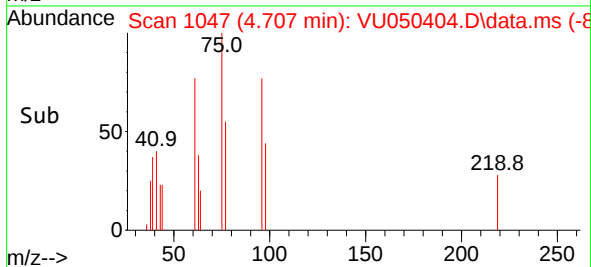
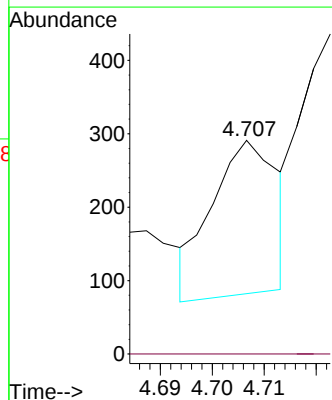
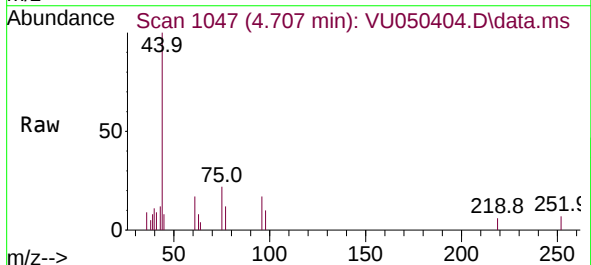
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

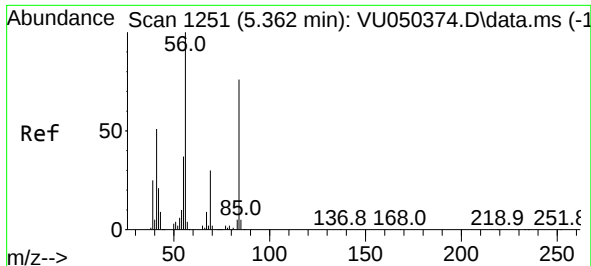
Tgt Ion: 63 Resp: 7073
Ion Ratio Lower Upper
63 100
98 6.2 3.4 10.2
100 5.0 2.0 6.0



#18
2-Butanone
Concen: 0.058 ug/l
RT: 4.707 min Scan# 1047
Delta R.T. -0.013 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.0





#19

Cyclohexane

Concen: 0.307 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

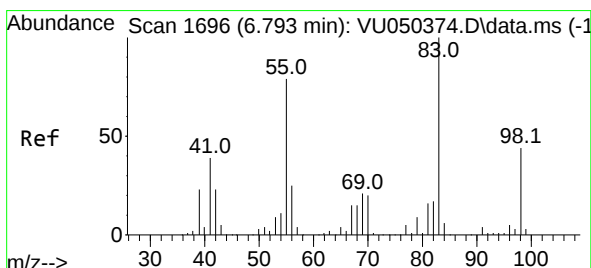
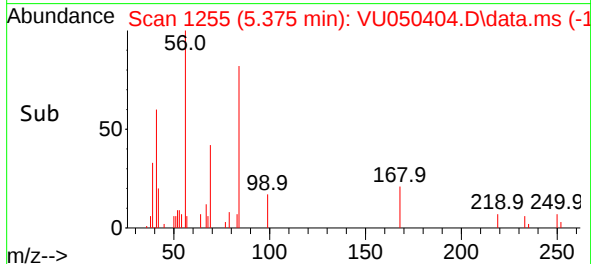
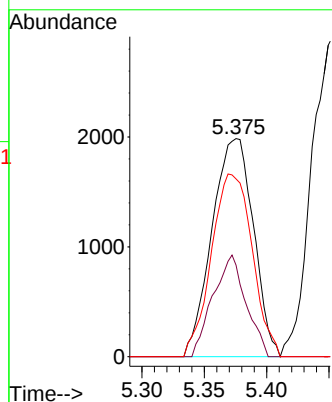
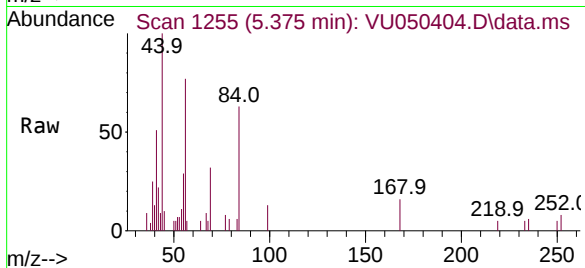
Tgt Ion: 56 Resp: 4591

Ion Ratio Lower Upper

56 100

69 37.2 24.2 36.4#

84 82.6 63.4 95.2



#20

Methylcyclohexane

Concen: 0.194 ug/l

RT: 6.800 min Scan# 1698

Delta R.T. 0.039 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

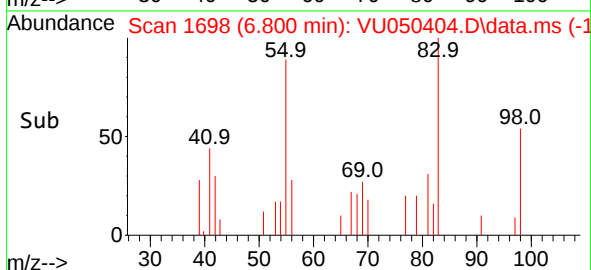
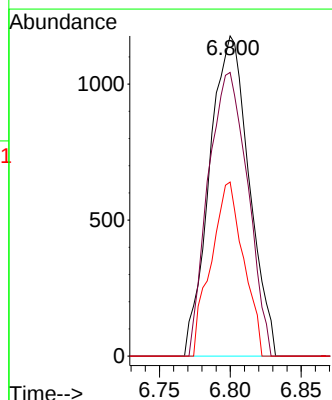
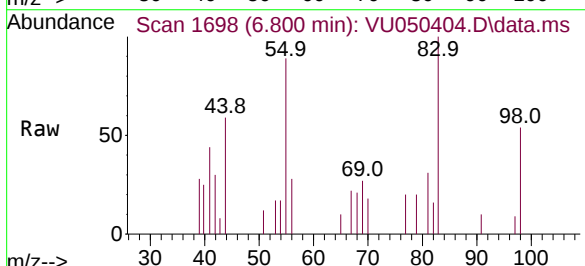
Tgt Ion: 83 Resp: 2287

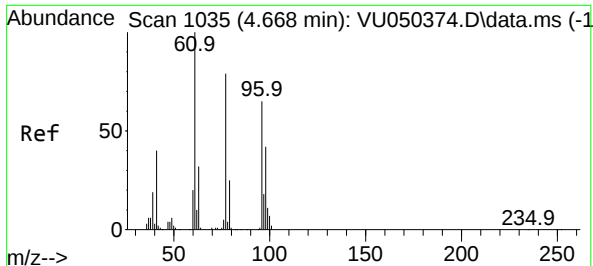
Ion Ratio Lower Upper

83 100

55 87.9 63.0 94.4

98 44.5 35.7 53.5

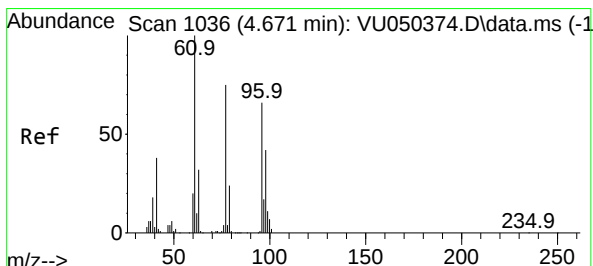
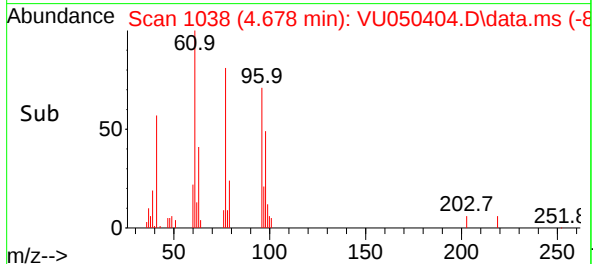
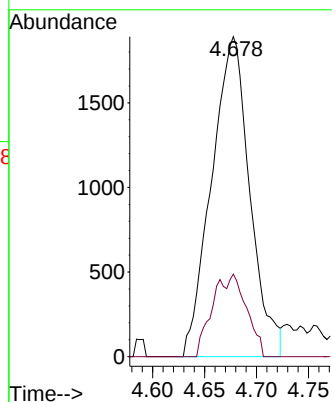
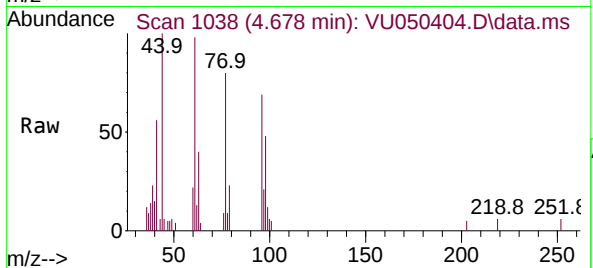




#21
2,2-Dichloropropane
Concen: 0.309 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

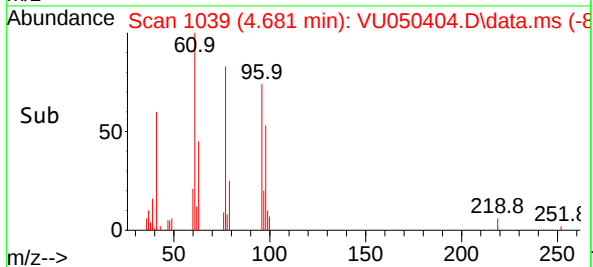
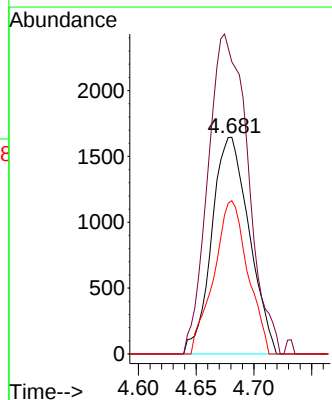
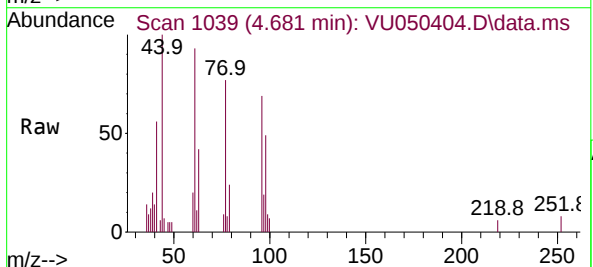
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

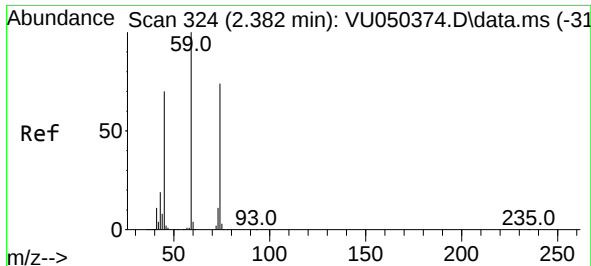
Tgt Ion: 77 Resp: 4847
Ion Ratio Lower Upper
77 100
97 10.8 18.5 27.7#



#22
cis-1,2-Dichloroethene
Concen: 0.330 ug/l
RT: 4.681 min Scan# 1039
Delta R.T. 0.016 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 96 Resp: 3698
Ion Ratio Lower Upper
96 100
61 158.0 0.0 375.8
98 64.2 31.6 95.0

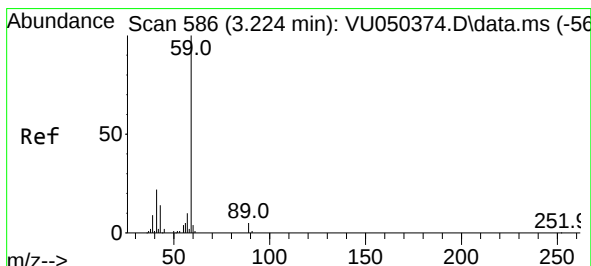
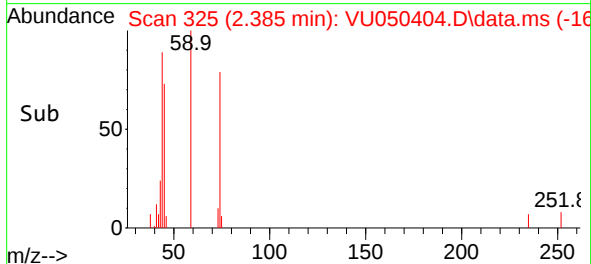
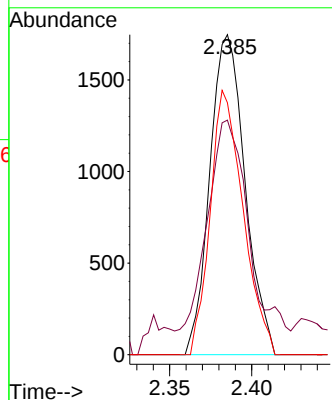
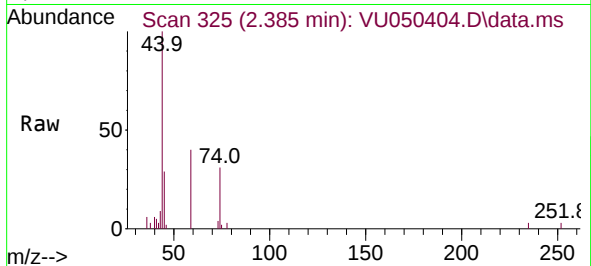




#23
Diethyl Ether
Concen: 0.317 ug/l
RT: 2.385 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

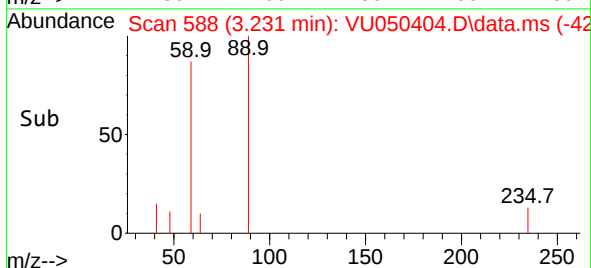
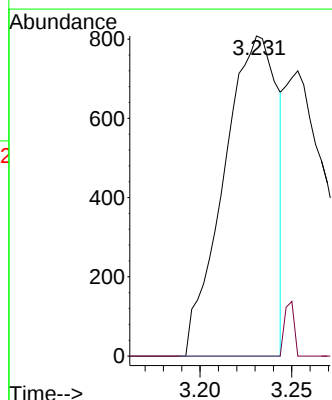
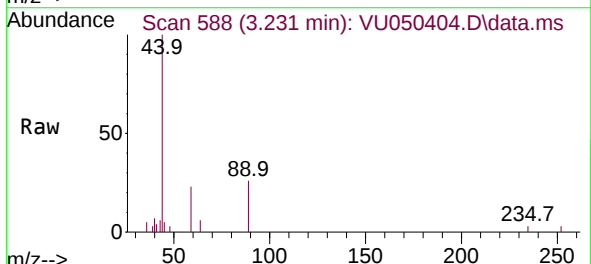
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

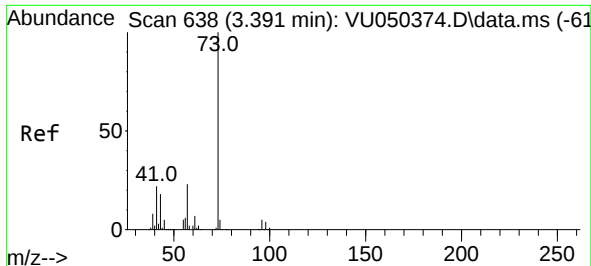
Tgt Ion: 59 Resp: 2607
Ion Ratio Lower Upper
59 100
45 85.1 56.0 84.0#
74 77.2 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 1.877 ug/l
RT: 3.231 min Scan# 588
Delta R.T. 0.036 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 59 Resp: 1635
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

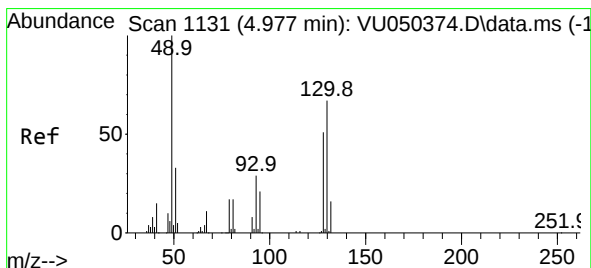
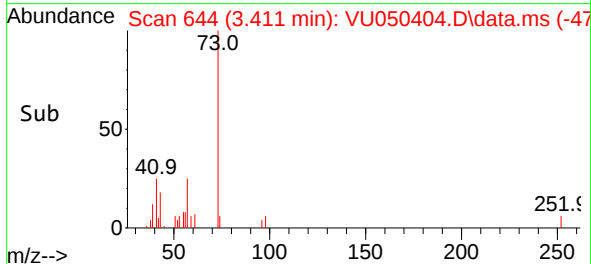
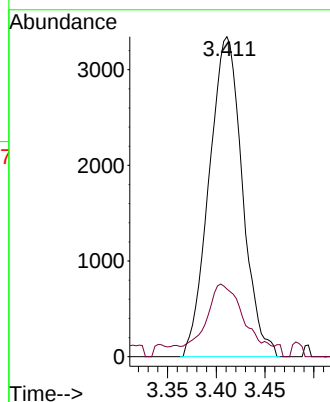
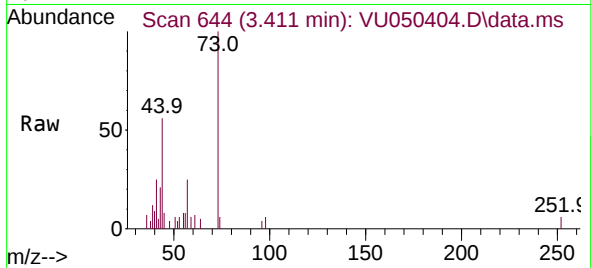




#25
Methyl tert-Butyl Ether
Concen: 0.312 ug/l
RT: 3.411 min Scan# 644
Delta R.T. 0.042 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

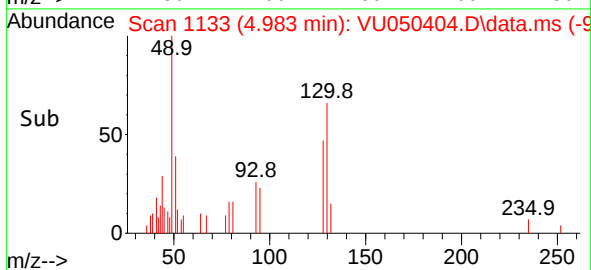
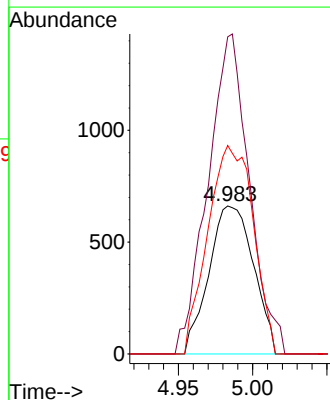
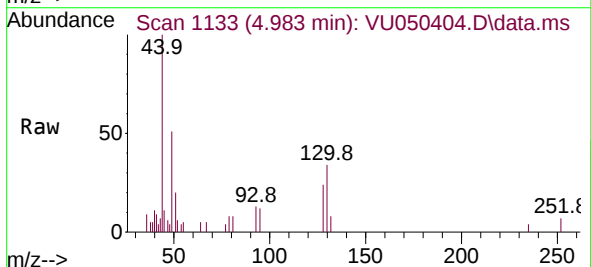
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

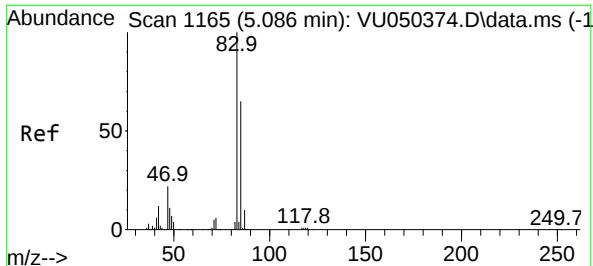
Tgt Ion: 73 Resp: 7943
Ion Ratio Lower Upper
73 100
43 27.2 15.9 23.9#



#26
Bromochloromethane
Concen: 0.308 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 128 Resp: 1383
Ion Ratio Lower Upper
128 100
49 200.5 0.0 349.2
130 143.9 103.0 154.6





#27

Chloroform

Concen: 0.350 ug/l

RT: 5.099 min Scan# 1169

Delta R.T. 0.010 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

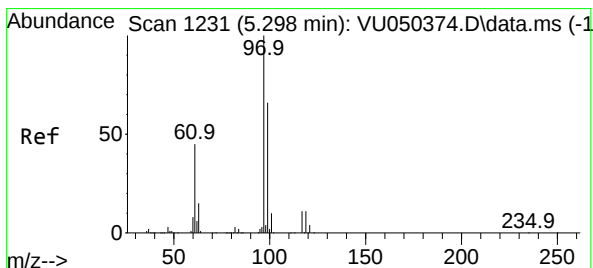
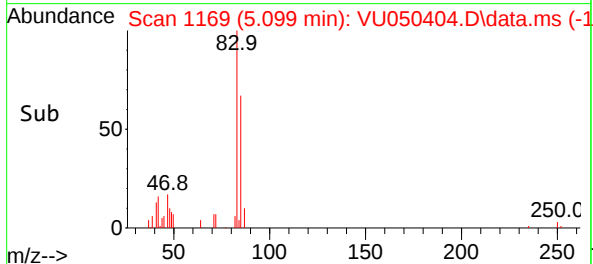
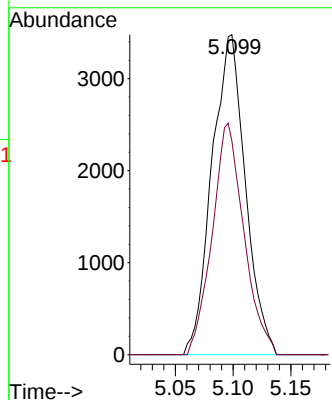
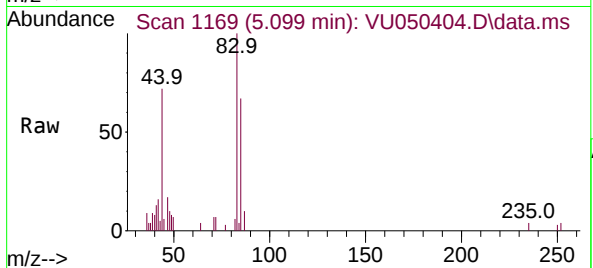
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 83 Resp: 7006

Ion Ratio Lower Upper

83 100

85 66.8 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.323 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

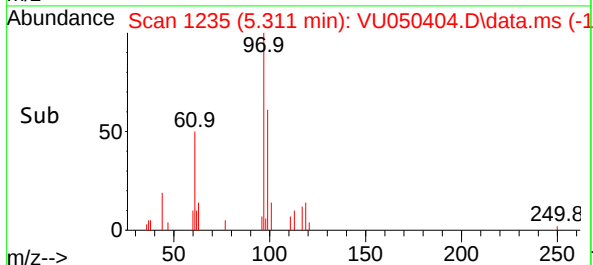
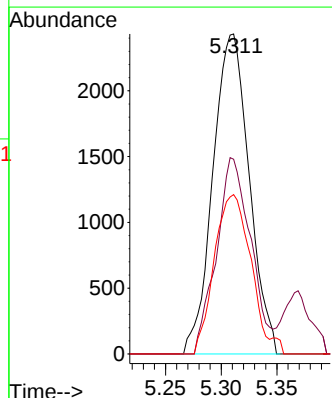
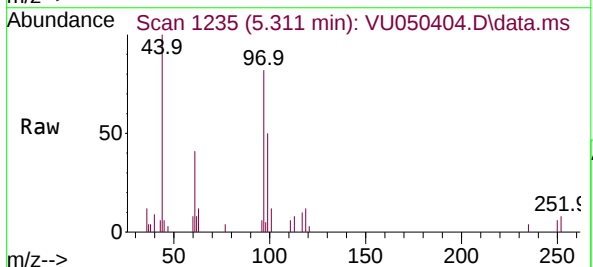
Tgt Ion: 97 Resp: 5510

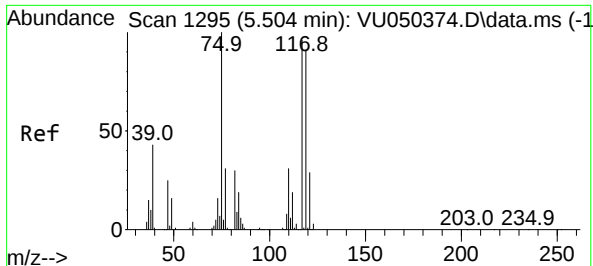
Ion Ratio Lower Upper

97 100

99 58.1 32.1 96.5

61 50.5 21.8 65.4

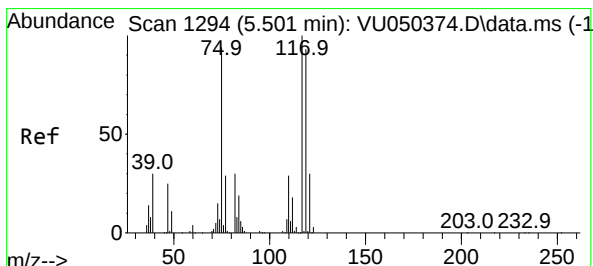
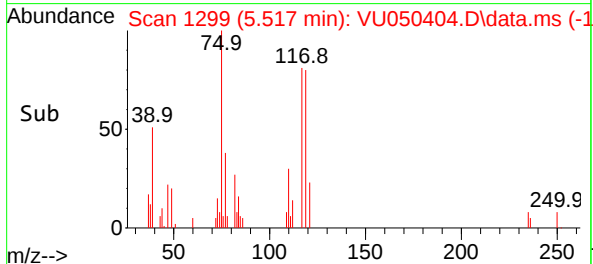
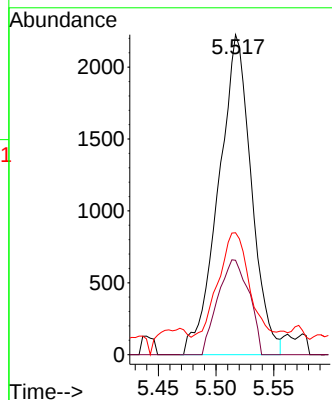
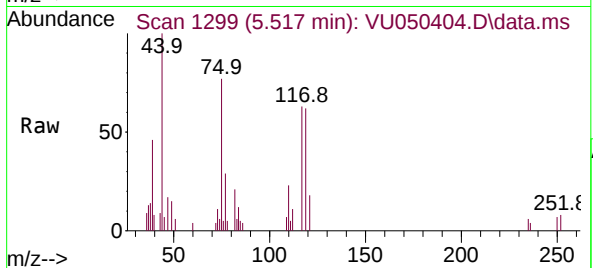




#29
1,1-Dichloropropene
Concen: 0.322 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

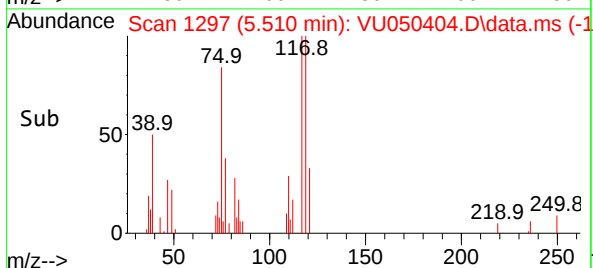
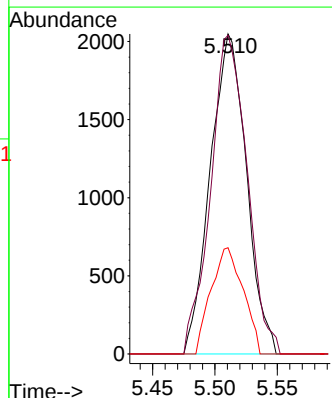
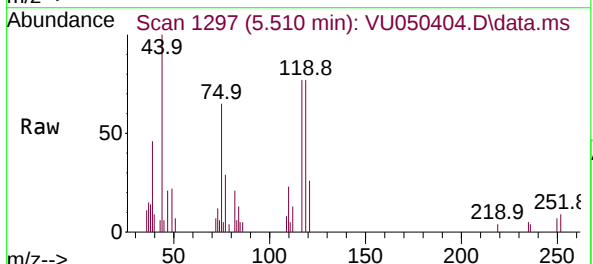
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

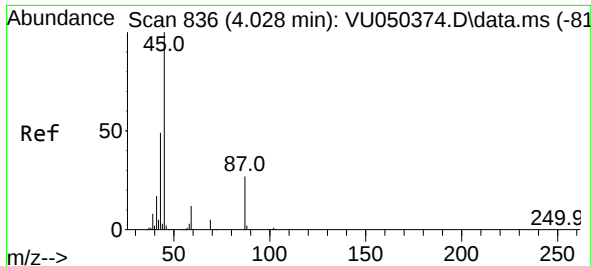
Tgt Ion: 75 Resp: 4399
Ion Ratio Lower Upper
75 100
110 28.0 17.3 52.0
77 36.4 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.303 ug/l
RT: 5.510 min Scan# 1297
Delta R.T. -0.009 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 117 Resp: 4132
Ion Ratio Lower Upper
117 100
119 99.6 74.6 112.0
121 33.2 24.2 36.4

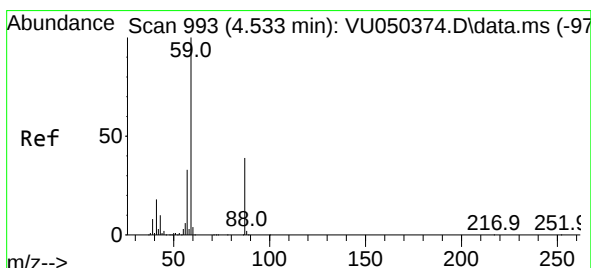
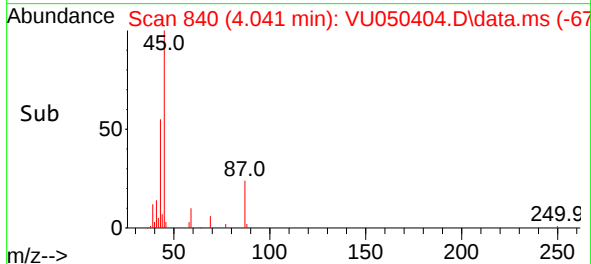
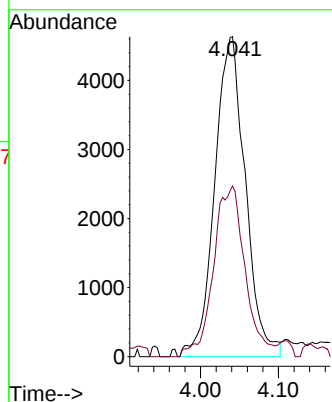
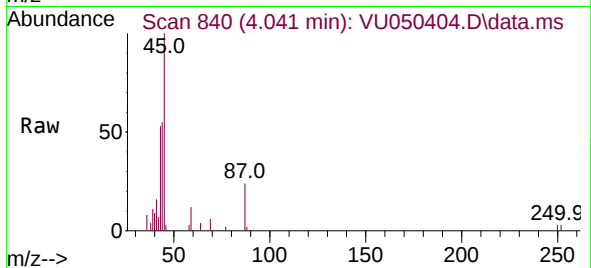




#31
Isopropyl Ether
Concen: 0.395 ug/l
RT: 4.041 min Scan# 840
Delta R.T. 0.039 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

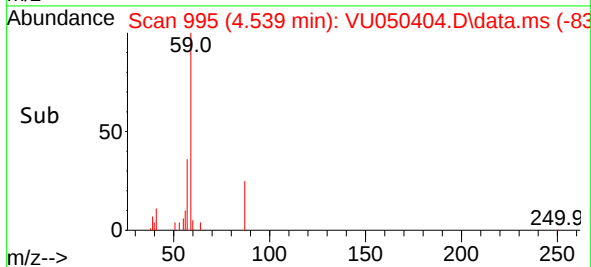
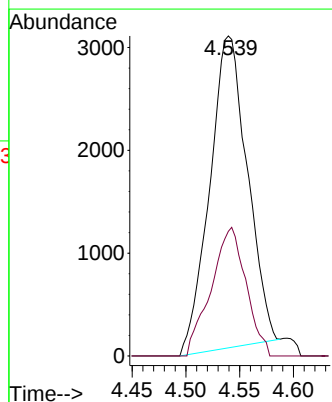
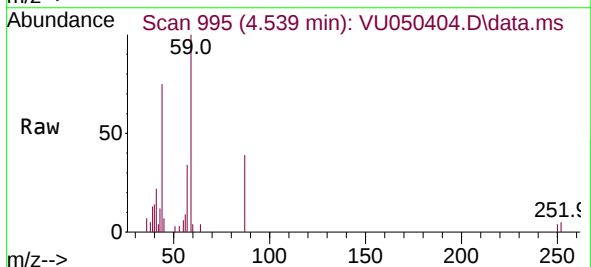
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

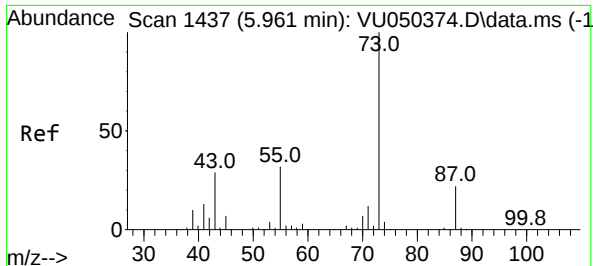
Tgt Ion: 45 Resp: 12648
Ion Ratio Lower Upper
45 100
43 54.8 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.294 ug/l
RT: 4.539 min Scan# 995
Delta R.T. 0.026 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 59 Resp: 7382
Ion Ratio Lower Upper
59 100
87 38.3 32.5 48.7

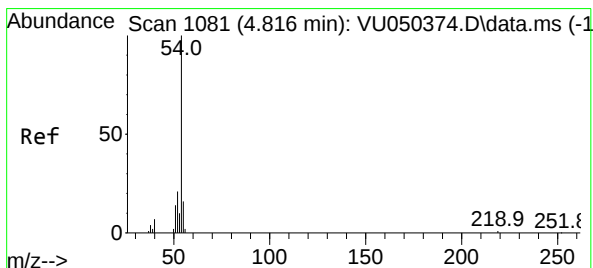
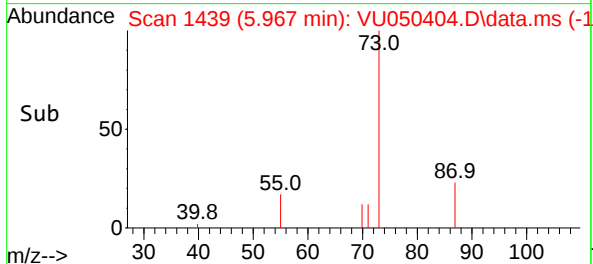
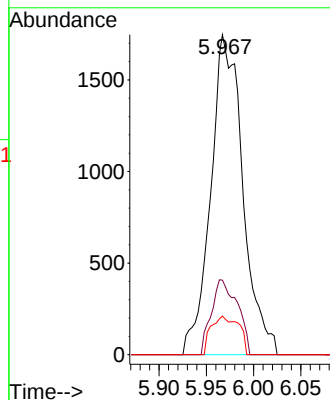
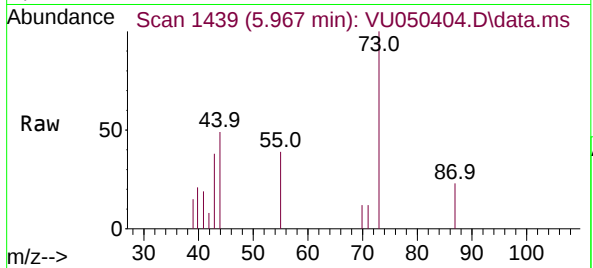




#33
Tert-Amyl methyl ether
Concen: 0.252 ug/l
RT: 5.967 min Scan# 1437
Delta R.T. 0.019 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

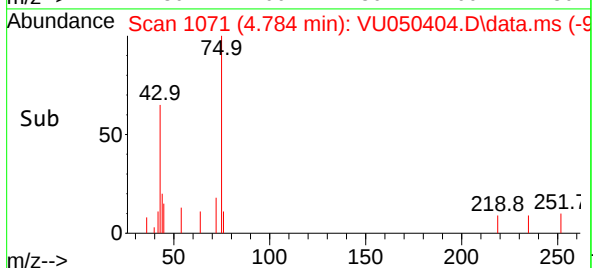
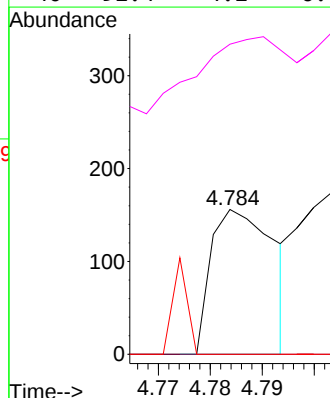
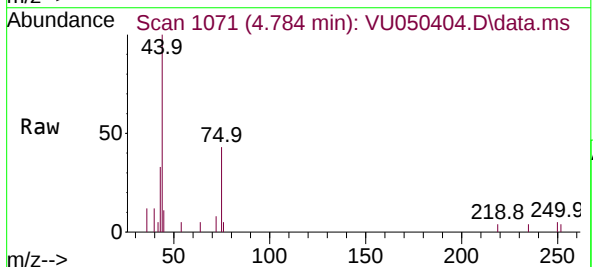
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

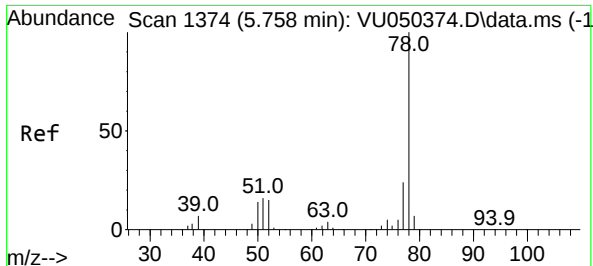
Tgt Ion: 73 Resp: 4128
Ion Ratio Lower Upper
73 100
87 19.0 19.7 29.5#
71 10.3 9.0 13.4



#34
Propionitrile
Concen: 0.140 ug/l
RT: 4.784 min Scan# 1071
Delta R.T. -0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 54 Resp: 131
Ion Ratio Lower Upper
54 100
52 0.0 15.0 22.6#
55 0.0 12.6 19.0#
40 92.4 4.2 6.4#

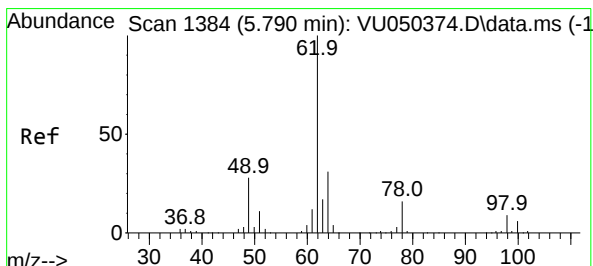
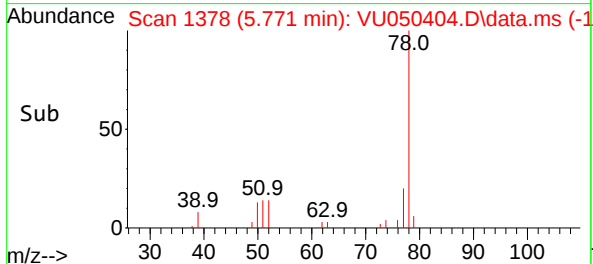
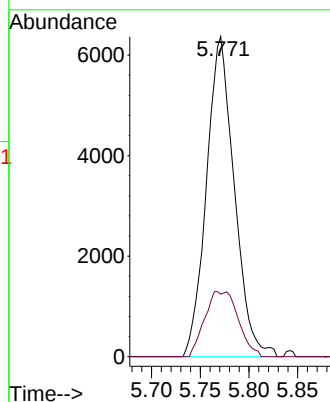
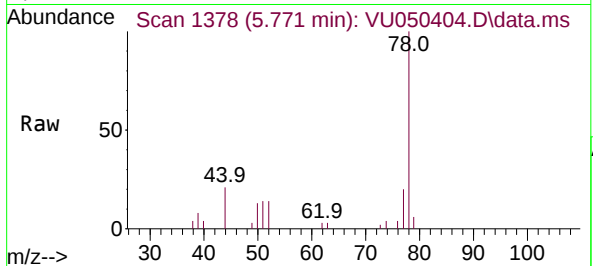




#35
Benzene
Concen: 0.315 ug/l
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

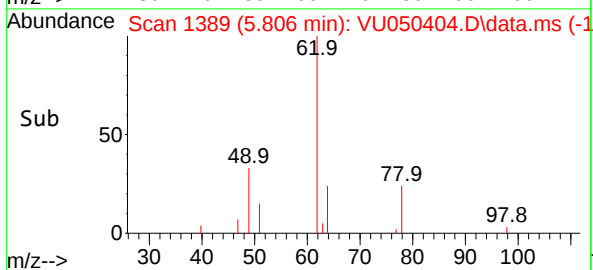
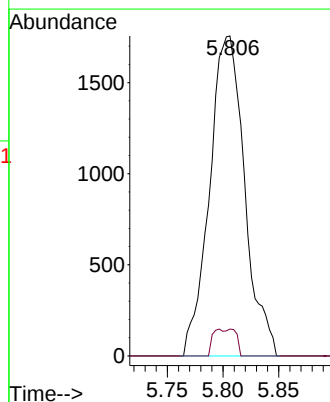
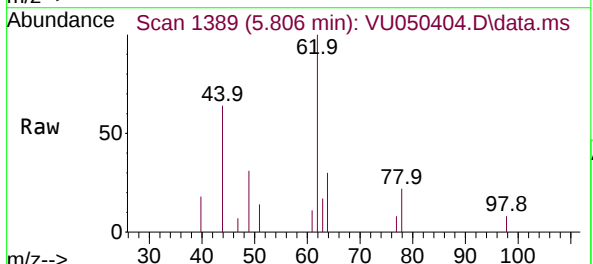
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

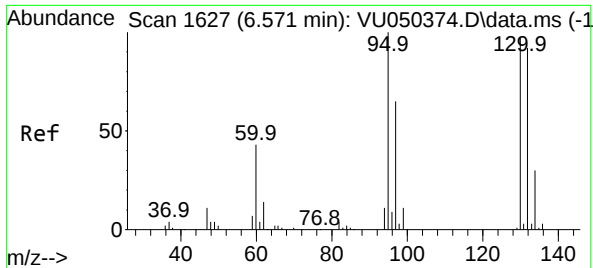
Tgt Ion: 78 Resp: 12657
Ion Ratio Lower Upper
78 100
77 19.5 18.6 28.0



#36
1,2-Dichloroethane
Concen: 0.313 ug/l
RT: 5.806 min Scan# 1389
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 62 Resp: 3845
Ion Ratio Lower Upper
62 100
98 2.7 7.4 11.0#





#37

Trichloroethene

Concen: 0.264 ug/l

RT: 6.584 min Scan# 1

Delta R.T. 0.042 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

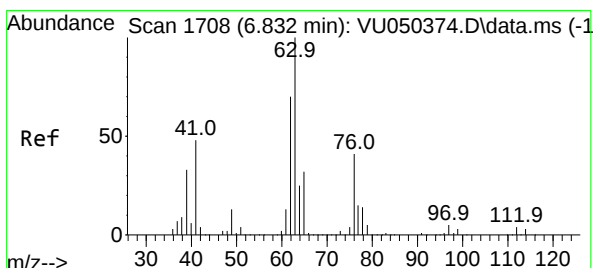
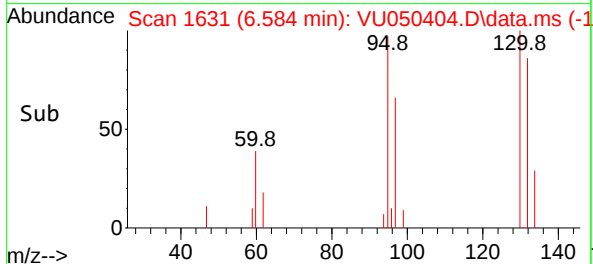
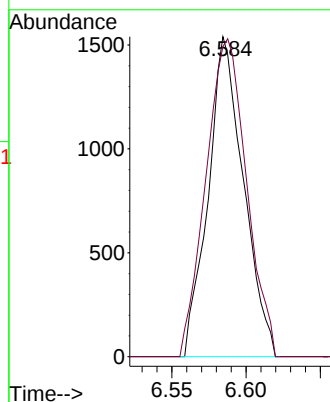
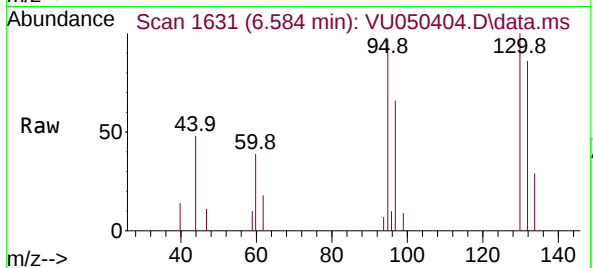
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:130 Resp: 2547

Ion Ratio Lower Upper

130 100

95 96.9 83.8 125.8



#38

1,2-Dichloropropane

Concen: 0.268 ug/l

RT: 6.835 min Scan# 1709

Delta R.T. 0.042 min

Lab File: VU050404.D

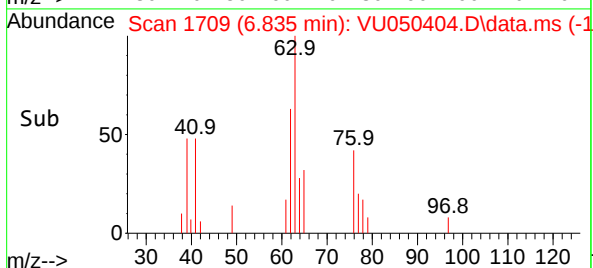
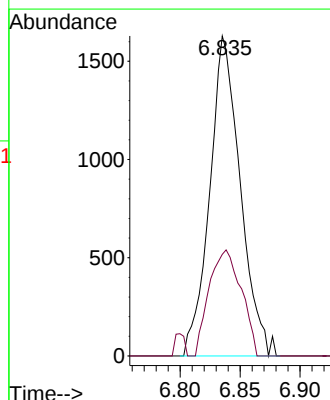
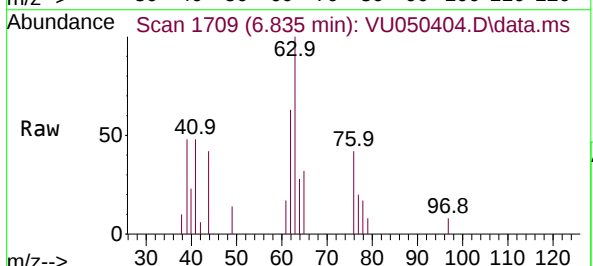
Acq: 22 Aug 2022 18:29

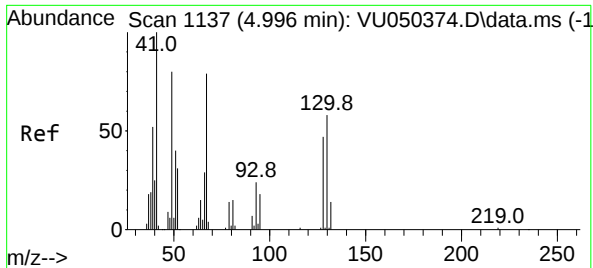
Tgt Ion: 63 Resp: 2891

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.4





#39

Methacrylonitrile

Concen: 0.278 ug/l

RT: 5.002 min Scan# 1139

Delta R.T. 0.019 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 41 Resp: 1067

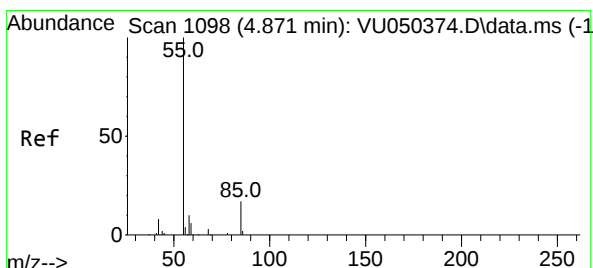
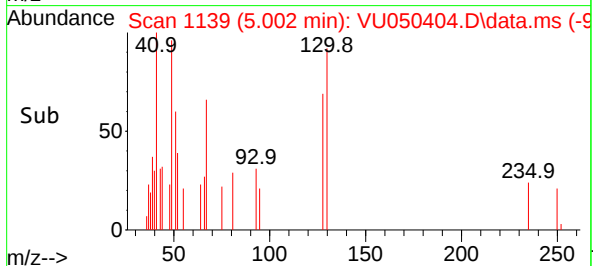
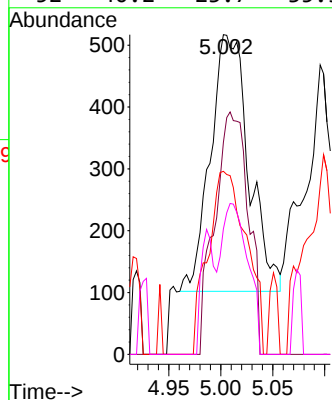
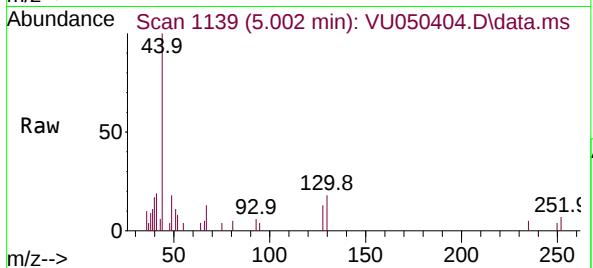
Ion Ratio Lower Upper

41 100

67 82.4 59.4 89.0

39 72.0 42.2 63.2#

52 40.2 23.7 35.5#



#40

Methyl acrylate

Concen: 0.416 ug/l

RT: 4.877 min Scan# 1100

Delta R.T. 0.023 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Tgt Ion: 55 Resp: 2429

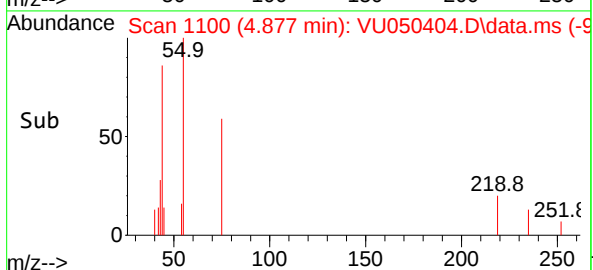
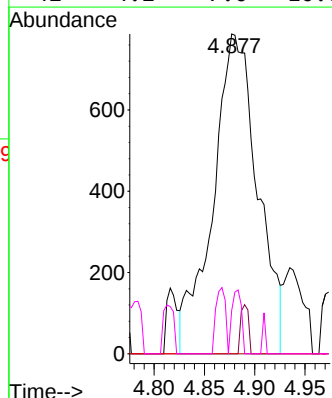
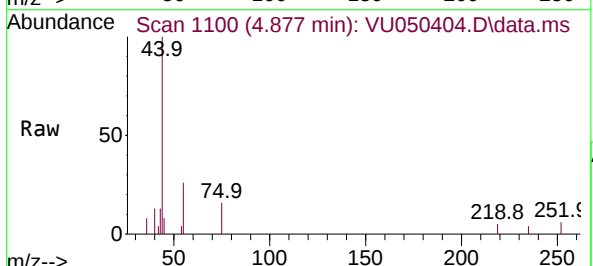
Ion Ratio Lower Upper

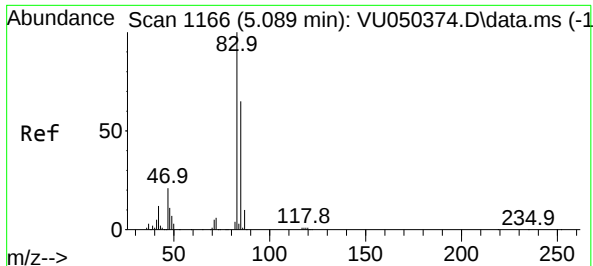
55 100

85 0.0 13.5 20.3#

58 0.0 7.0 10.4#

42 4.2 7.0 10.6#





#41

Tetrahydrofuran

Concen: 0.358 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. 0.016 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

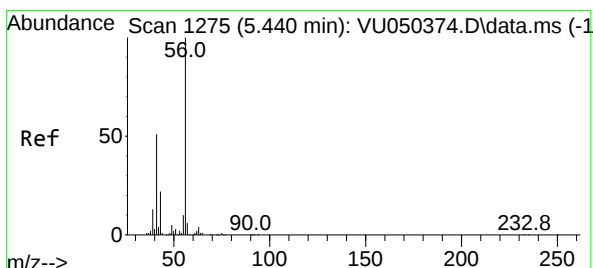
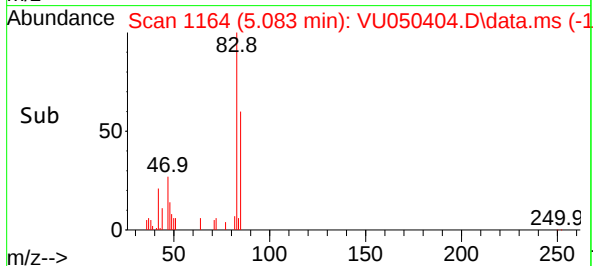
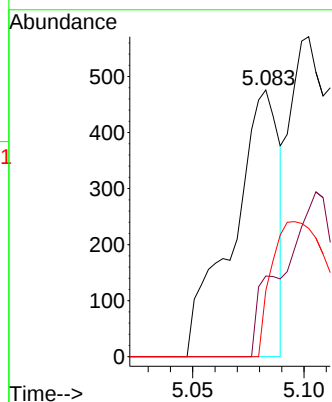
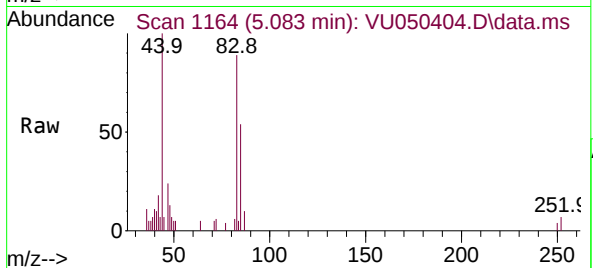
Tgt Ion: 42 Resp: 687

Ion Ratio Lower Upper

42 100

72 0.0 38.9 58.3#

71 0.0 33.7 50.5#



#42

1-Chlorobutane

Concen: 0.320 ug/l

RT: 5.453 min Scan# 1279

Delta R.T. -0.003 min

Lab File: VU050404.D

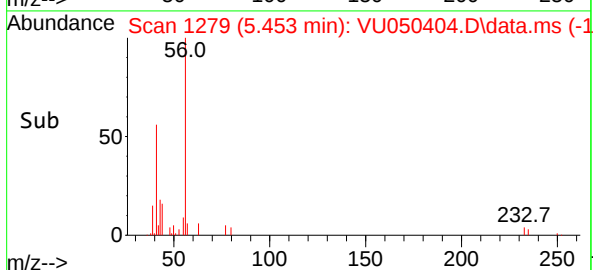
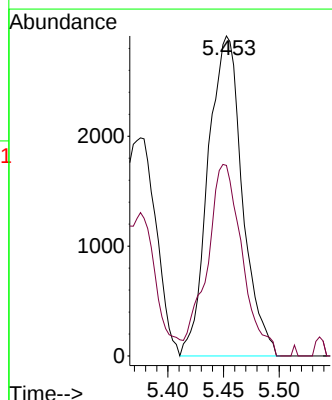
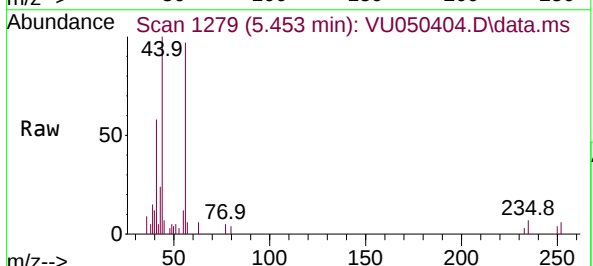
Acq: 22 Aug 2022 18:29

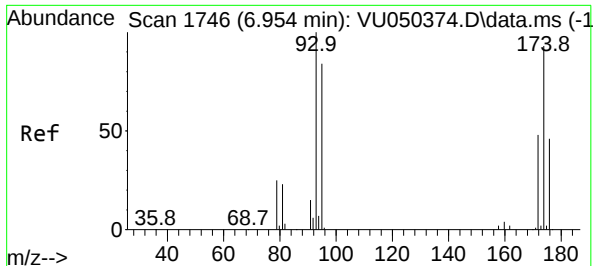
Tgt Ion: 56 Resp: 6237

Ion Ratio Lower Upper

56 100

41 61.2 26.4 79.2

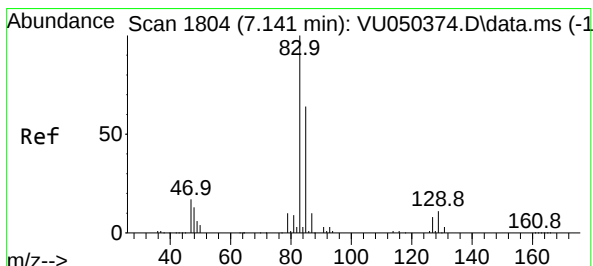
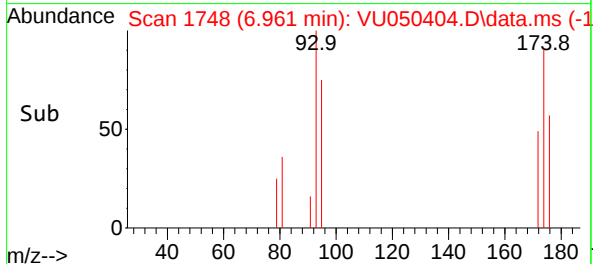
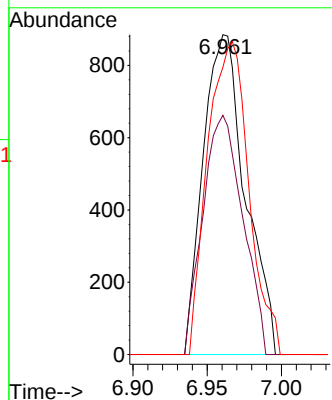
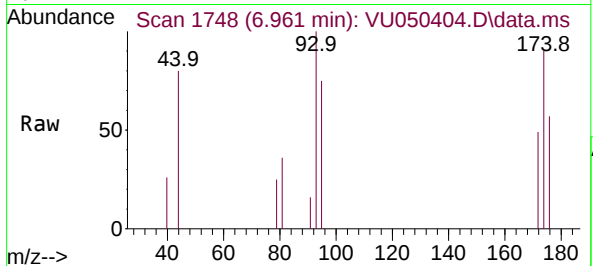




#43
Dibromomethane
Concen: 0.302 ug/l
RT: 6.961 min Scan# 1746
Delta R.T. 0.042 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

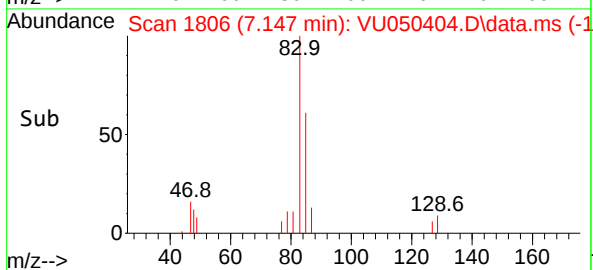
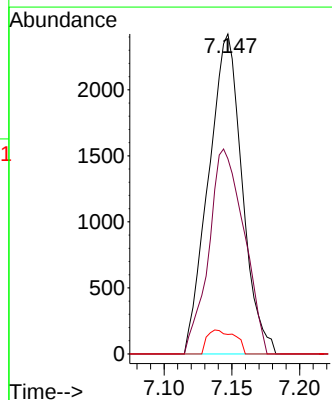
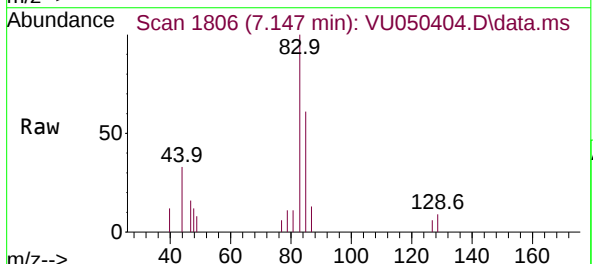
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

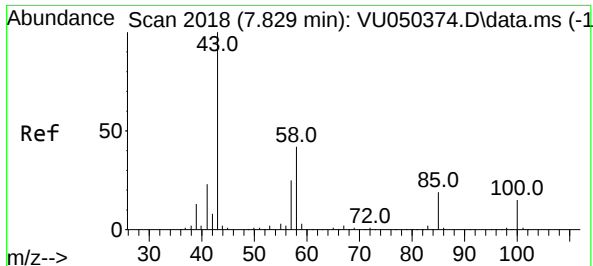
Tgt Ion: 93 Resp: 1753
Ion Ratio Lower Upper
93 100
95 70.7 65.0 97.6
174 95.7 76.3 114.5



#44
Bromodichloromethane
Concen: 0.305 ug/l
RT: 7.147 min Scan# 1806
Delta R.T. 0.039 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 83 Resp: 4178
Ion Ratio Lower Upper
83 100
85 61.0 49.4 74.0
127 6.1 6.6 10.0#





#45

4-Methyl-2-Pentanone

Concen: 1.156 ug/l

RT: 7.835 min Scan# 2018

Delta R.T. 0.039 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

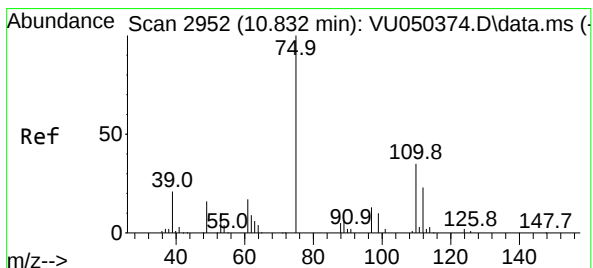
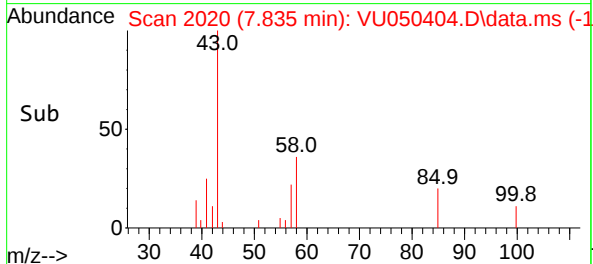
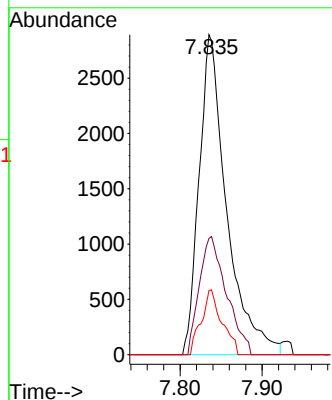
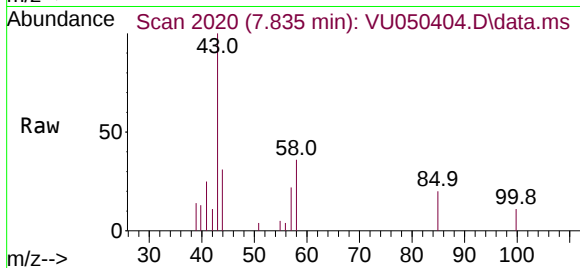
Tgt Ion: 43 Resp: 6746

Ion Ratio Lower Upper

43 100

58 36.4 20.3 61.0

85 15.2 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 0.920 ug/l

RT: 10.829 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Tgt Ion: 75 Resp: 2711

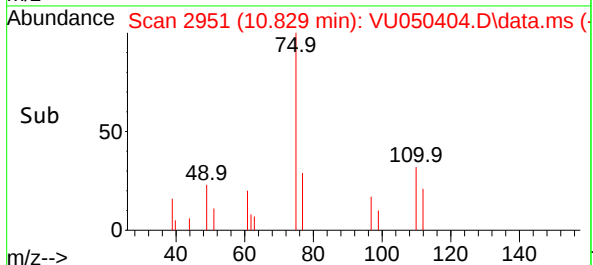
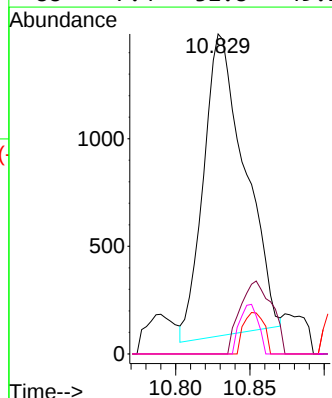
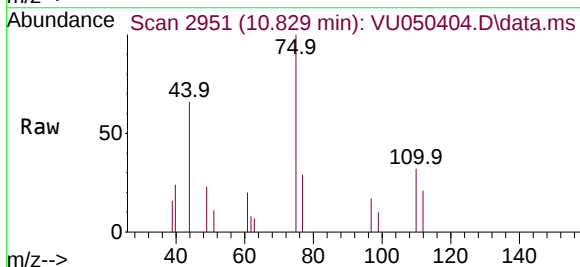
Ion Ratio Lower Upper

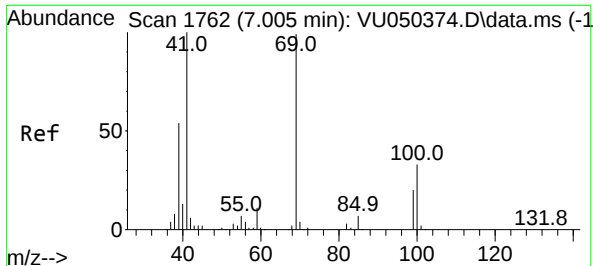
75 100

53 18.6 64.4 96.6#

89 6.9 44.2 66.2#

88 7.4 32.8 49.2#





#47

Methyl methacrylate

Concen: 0.439 ug/l

RT: 7.015 min Scan# 1

Delta R.T. 0.048 min

Lab File: VU050404.D

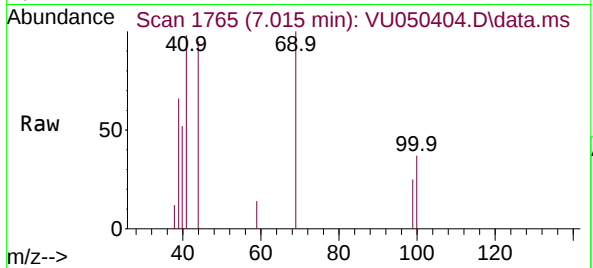
Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 69 Resp: 1911

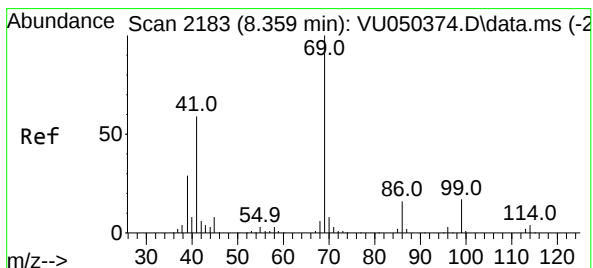
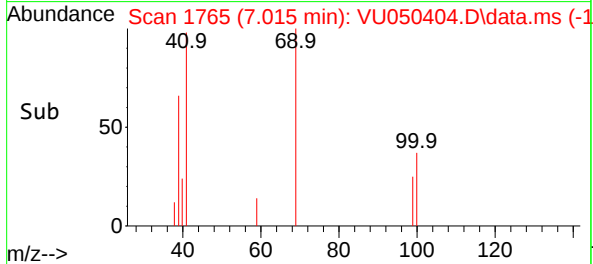
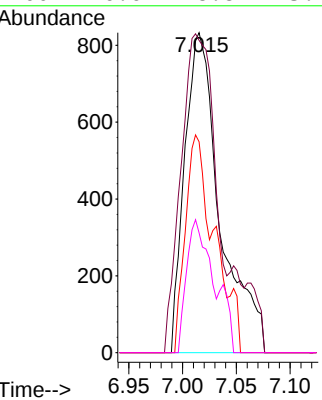
Ion Ratio Lower Upper

69 100

41 94.5 0.0 225.4

39 56.4 45.8 68.8

100 26.6 28.8 43.2#



#48

Ethyl methacrylate

Concen: 0.201 ug/l

RT: 8.366 min Scan# 2185

Delta R.T. 0.029 min

Lab File: VU050404.D

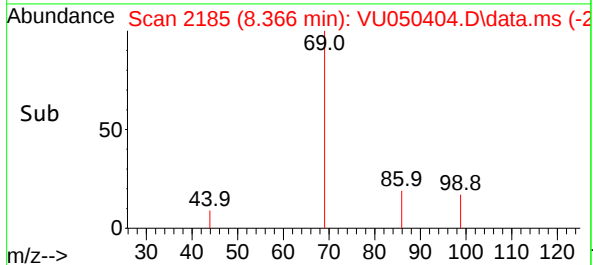
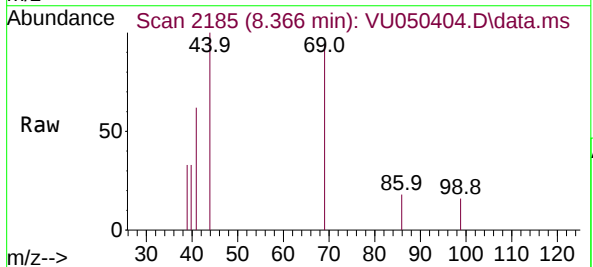
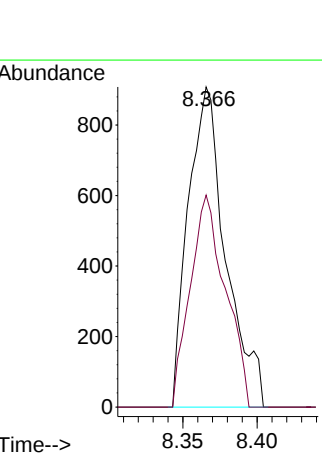
Acq: 22 Aug 2022 18:29

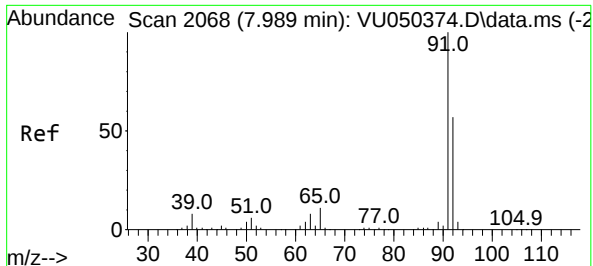
Tgt Ion: 69 Resp: 1594

Ion Ratio Lower Upper

69 100

41 62.2 32.3 96.9





#49

Toluene

Concen: 0.233 ug/l

RT: 7.993 min Scan# 2069

Delta R.T. 0.023 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

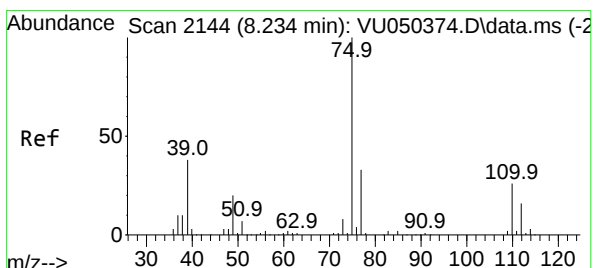
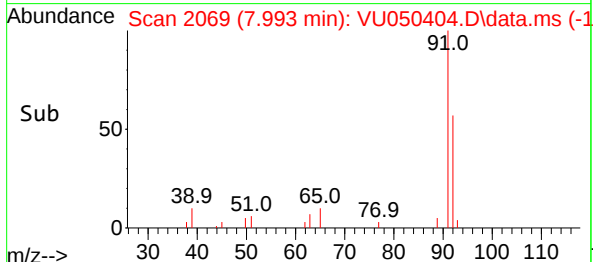
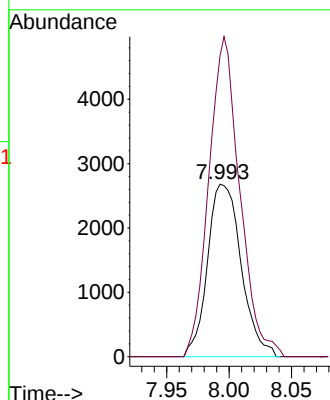
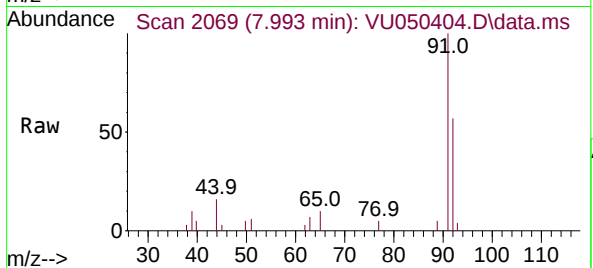
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 92 Resp: 5035

Ion Ratio Lower Upper

92 100

91 170.7 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.234 ug/l

RT: 8.237 min Scan# 2145

Delta R.T. 0.026 min

Lab File: VU050404.D

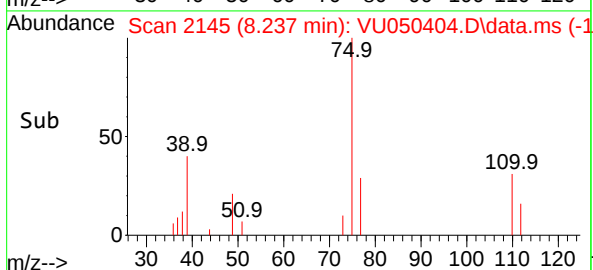
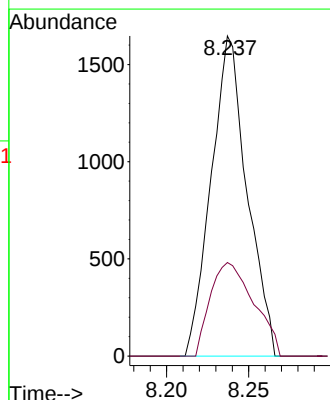
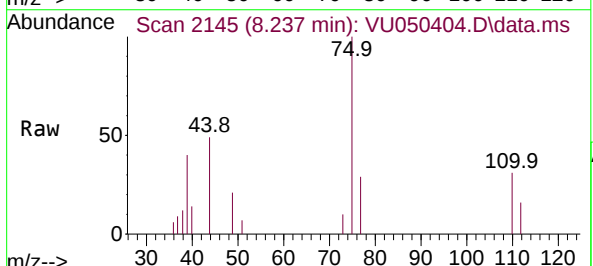
Acq: 22 Aug 2022 18:29

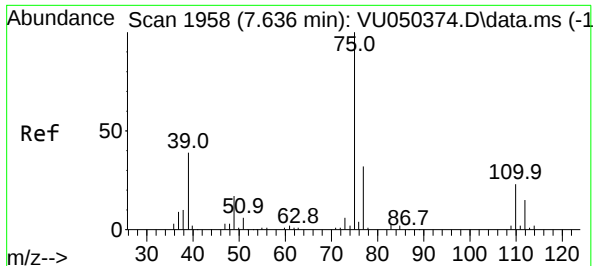
Tgt Ion: 75 Resp: 2502

Ion Ratio Lower Upper

75 100

77 29.2 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 0.245 ug/l

RT: 7.642 min Scan# 1958

Delta R.T. 0.032 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

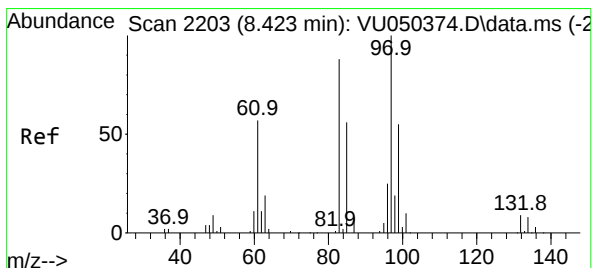
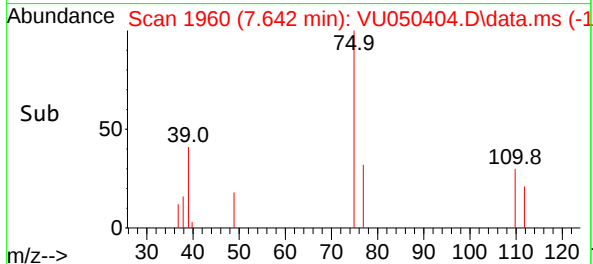
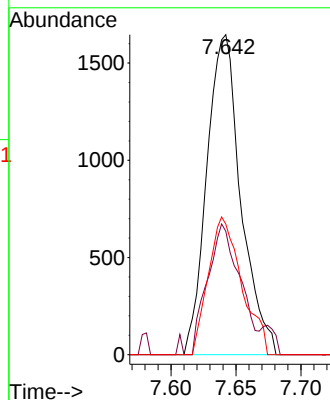
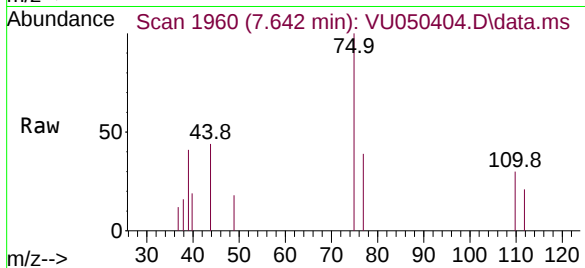
Tgt Ion: 75 Resp: 2999

Ion Ratio Lower Upper

75 100

77 38.6 25.4 38.0#

39 40.8 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 0.317 ug/l

RT: 8.427 min Scan# 2204

Delta R.T. 0.026 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Tgt Ion: 97 Resp: 2709

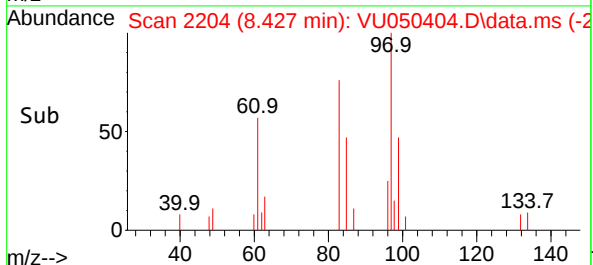
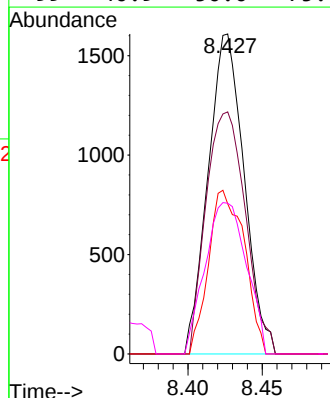
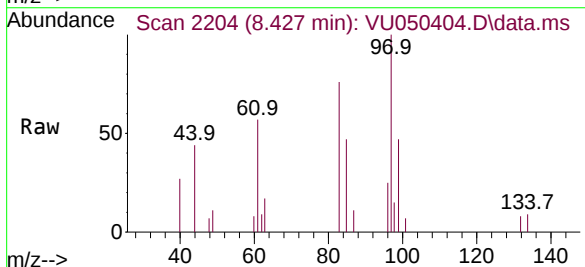
Ion Ratio Lower Upper

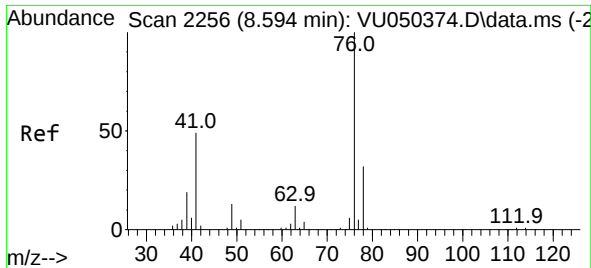
97 100

83 65.7 70.6 106.0#

85 40.7 46.2 69.4#

99 40.9 50.0 75.0#





#53

1,3-Dichloropropane

Concen: 0.261 ug/l

RT: 8.600 min Scan# 21

Delta R.T. 0.023 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

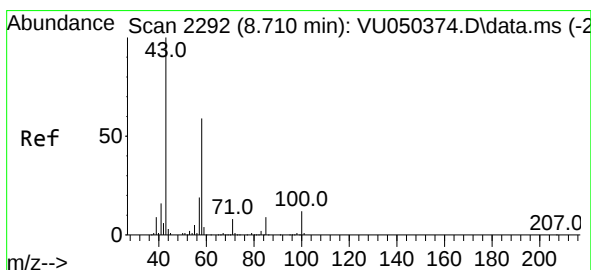
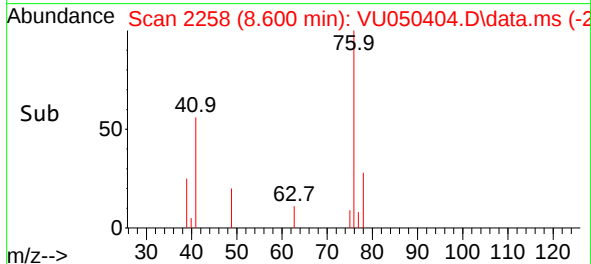
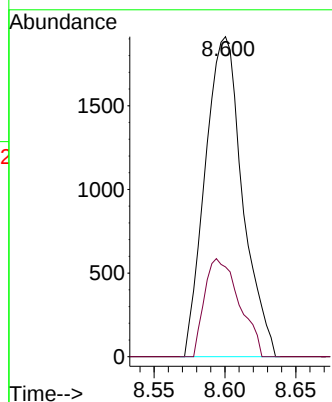
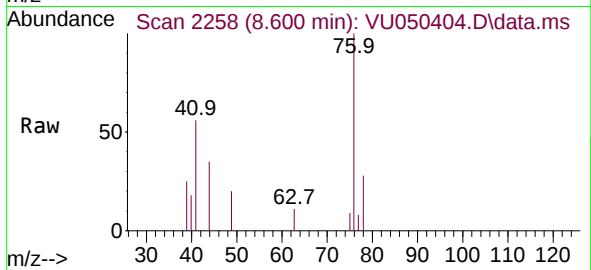
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 76 Resp: 3509

Ion Ratio Lower Upper

76 100

78 28.4 26.0 39.0



#54

2-Hexanone

Concen: 1.067 ug/l

RT: 8.716 min Scan# 2294

Delta R.T. 0.026 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

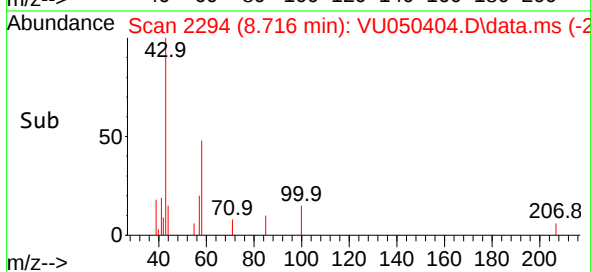
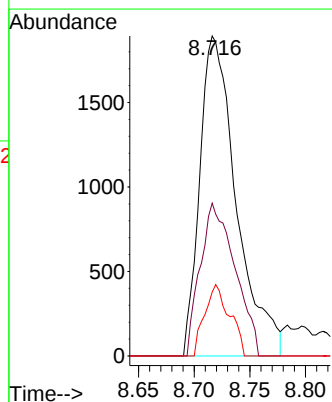
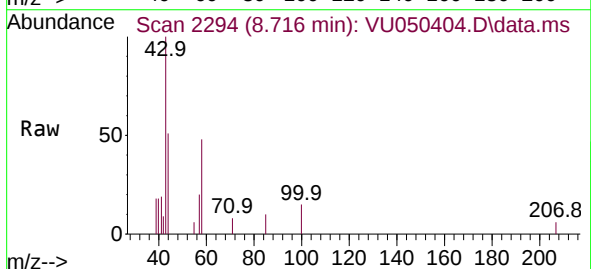
Tgt Ion: 43 Resp: 4336

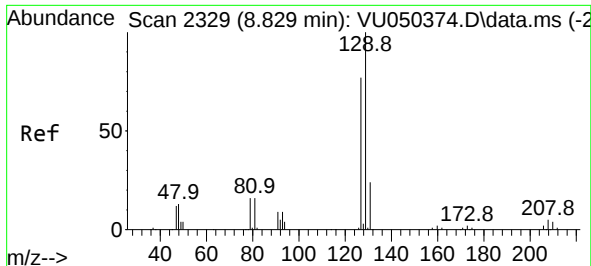
Ion Ratio Lower Upper

43 100

58 45.2 37.1 77.1

57 15.2 0.0 39.5

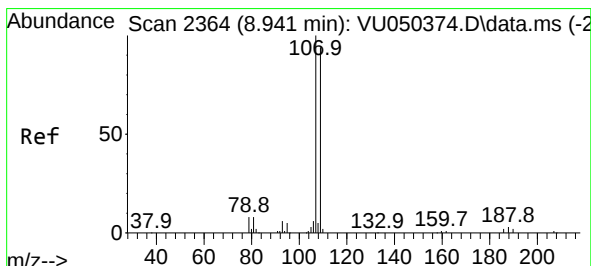
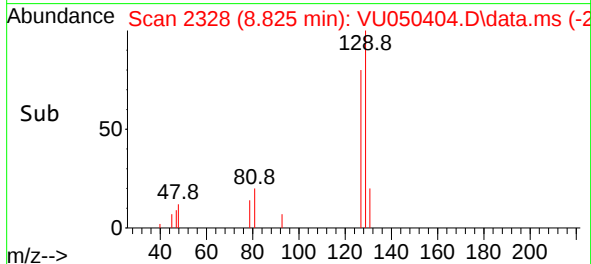
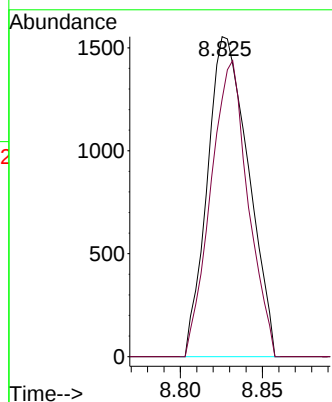
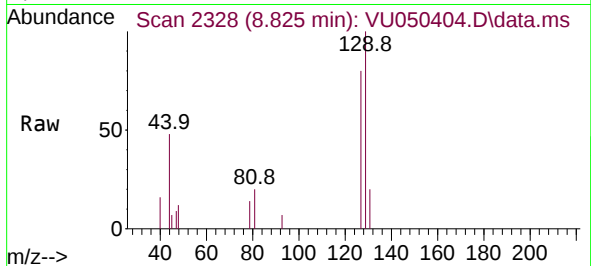




#55
Dibromochloromethane
Concen: 0.288 ug/l
RT: 8.825 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

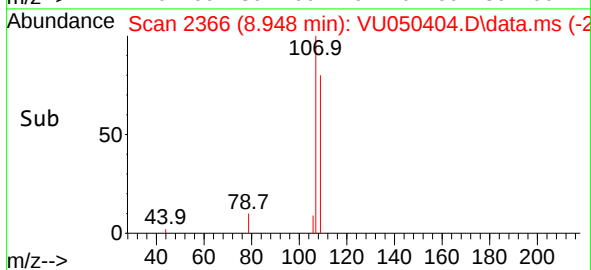
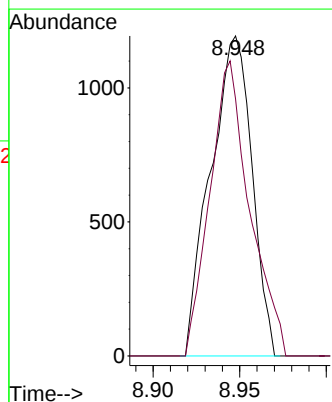
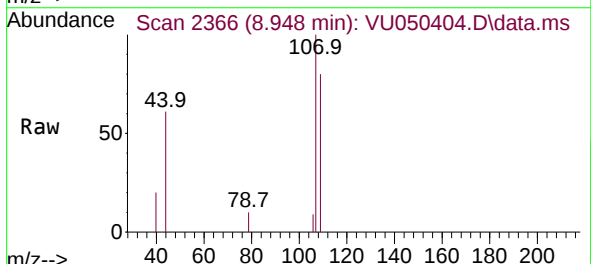
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

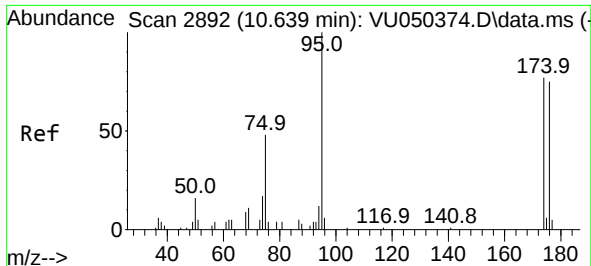
Tgt Ion:129 Resp: 2703
Ion Ratio Lower Upper
129 100
127 83.9 61.2 91.8



#56
1,2-Dibromoethane
Concen: 0.259 ug/l
RT: 8.948 min Scan# 2366
Delta R.T. 0.023 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:107 Resp: 1985
Ion Ratio Lower Upper
107 100
109 88.7 0.0 187.2





#57

4-Bromofluorobenzene

Concen: 0.758 ug/l

RT: 10.642 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

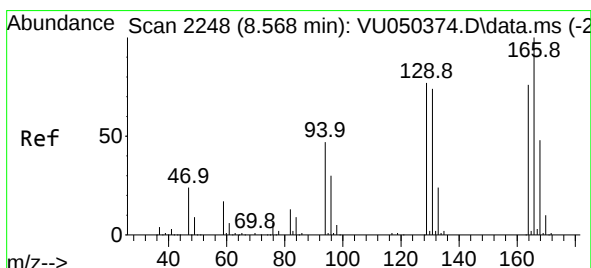
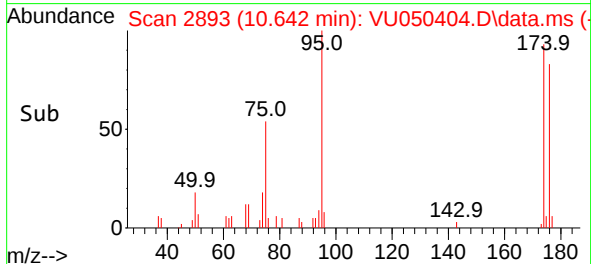
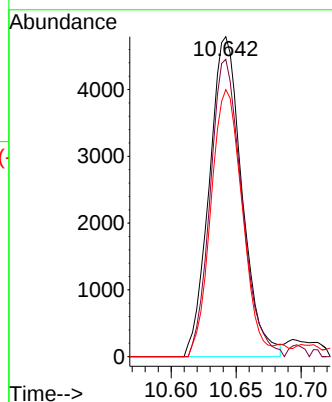
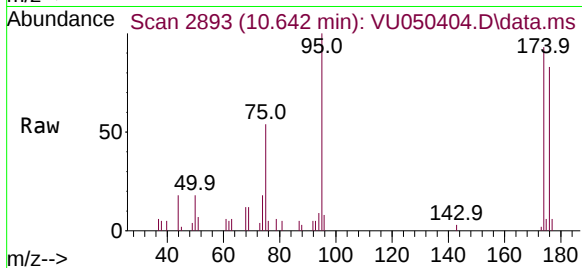
Tgt Ion: 95 Resp: 8394

Ion Ratio Lower Upper

95 100

174 89.4 62.4 93.6

176 79.9 56.2 84.2



#58

Tetrachloroethene

Concen: 0.269 ug/l

RT: 8.568 min Scan# 2248

Delta R.T. 0.016 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Tgt Ion: 164 Resp: 2441

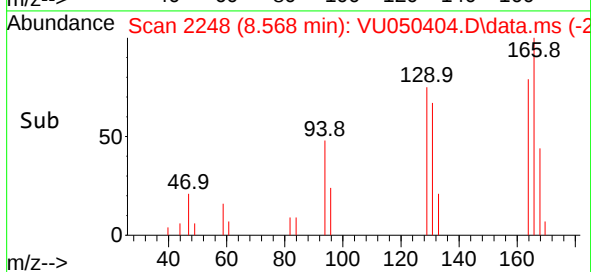
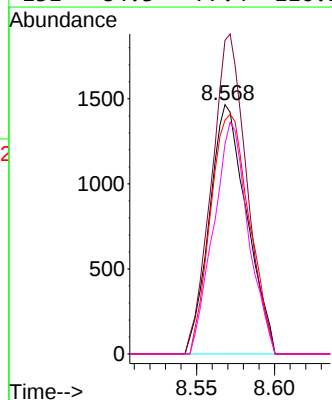
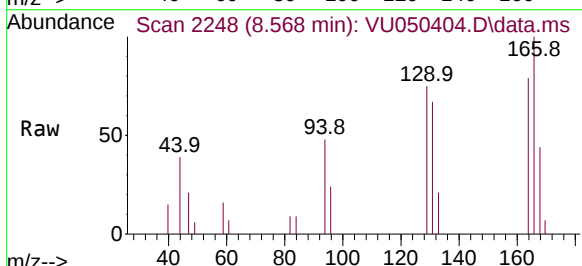
Ion Ratio Lower Upper

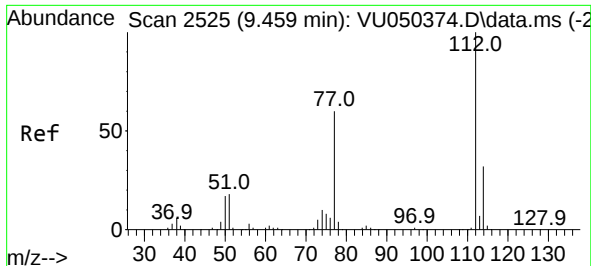
164 100

166 125.8 102.4 153.6

129 93.8 79.5 119.3

131 84.3 77.4 116.2





#59

Chlorobenzene

Concen: 0.250 ug/l

RT: 9.462 min Scan# 2525

Delta R.T. 0.013 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

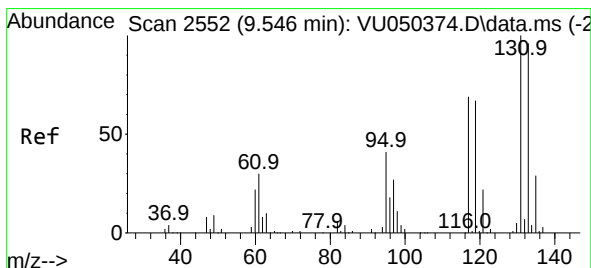
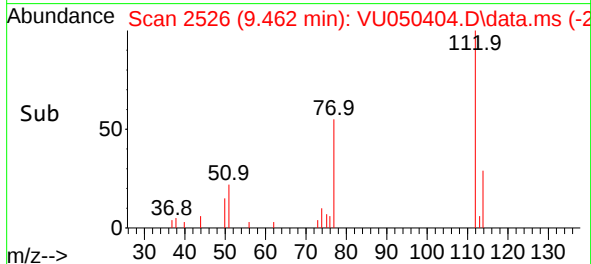
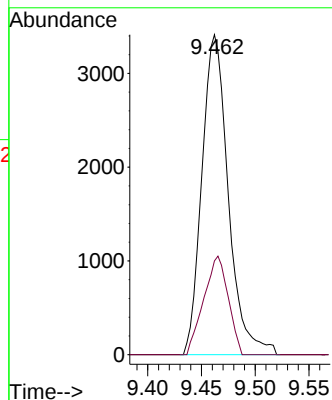
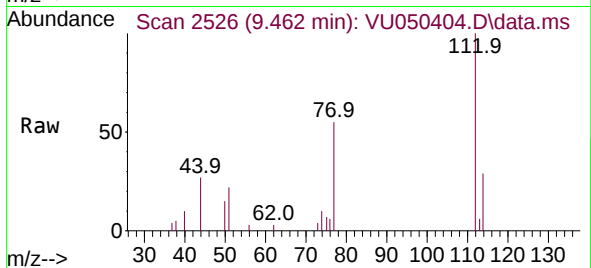
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:112 Resp: 5834

Ion Ratio Lower Upper

112 100

114 29.3 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 0.289 ug/l

RT: 9.549 min Scan# 2553

Delta R.T. 0.013 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

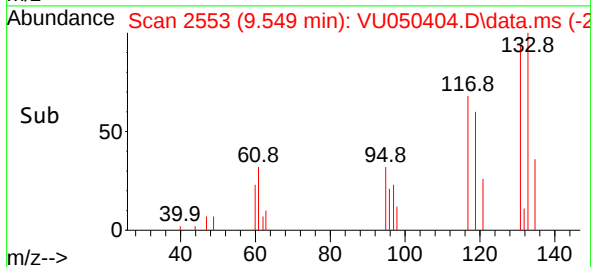
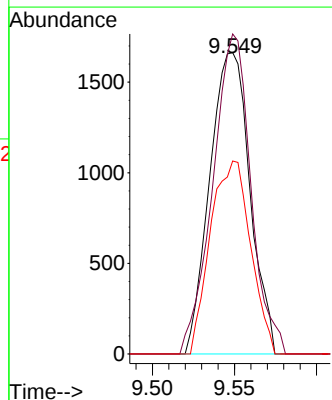
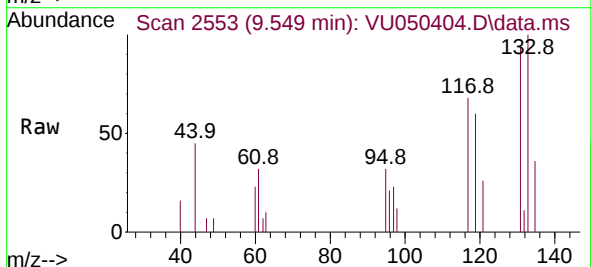
Tgt Ion:131 Resp: 2832

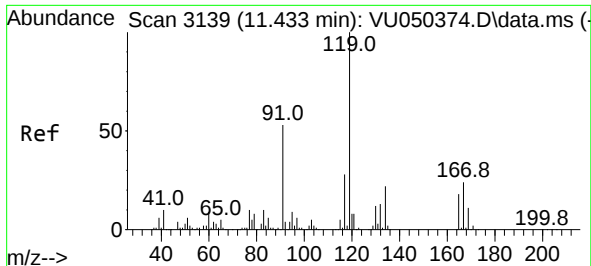
Ion Ratio Lower Upper

131 100

133 100.7 78.3 117.5

119 63.9 53.2 79.8

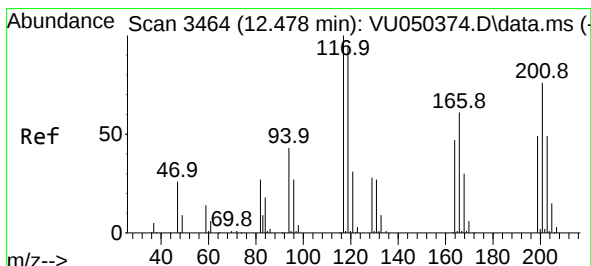
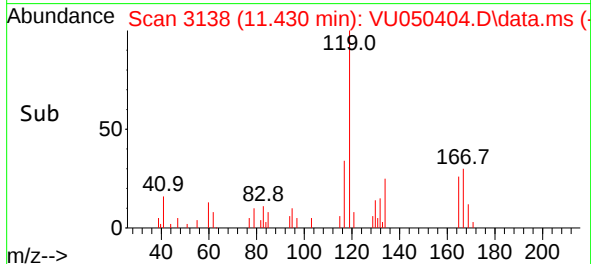
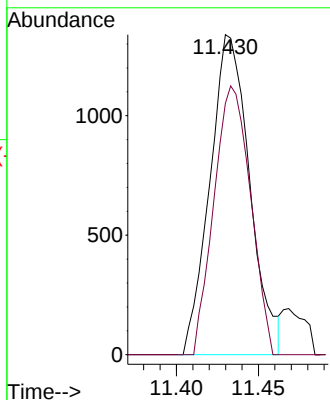
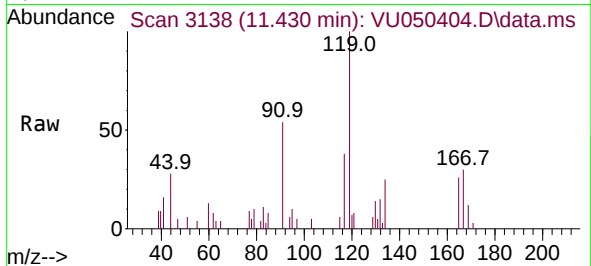




#61
 Pentachloroethane
 Concen: 0.277 ug/l
 RT: 11.430 min Scan# 3139
 Delta R.T. 0.000 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

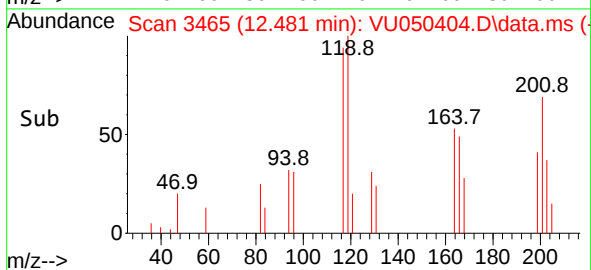
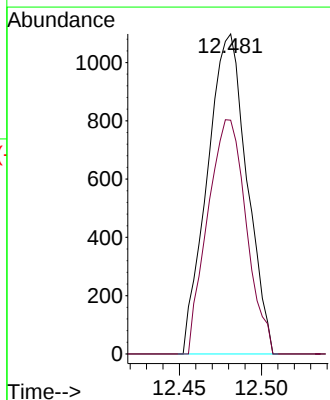
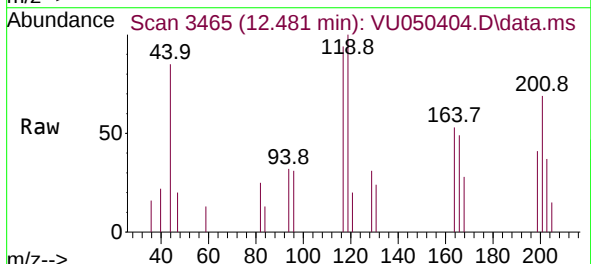
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

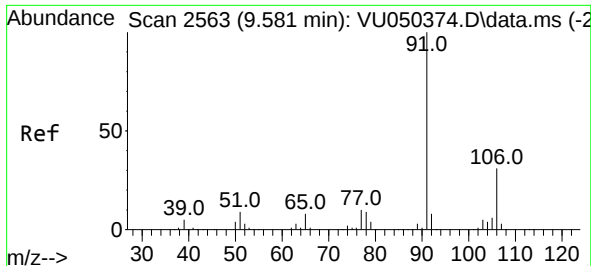
Tgt Ion:117 Resp: 2255
 Ion Ratio Lower Upper
 117 100
 167 77.1 66.2 99.4



#62
 Hexachloroethane
 Concen: 0.272 ug/l
 RT: 12.481 min Scan# 3465
 Delta R.T. 0.007 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

Tgt Ion:117 Resp: 1844
 Ion Ratio Lower Upper
 117 100
 201 71.3 61.0 91.4

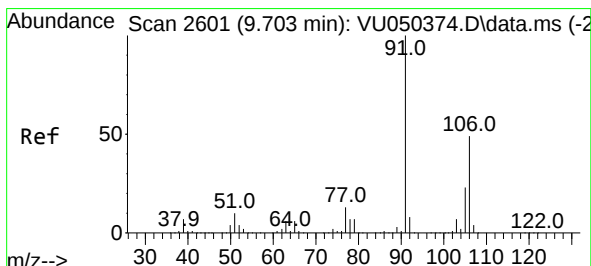
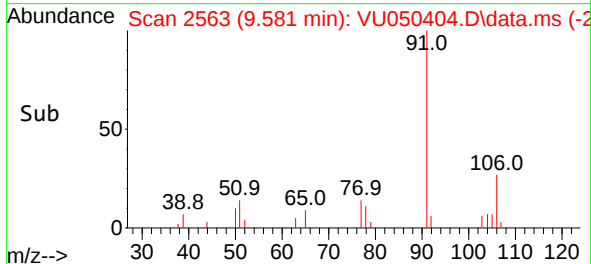
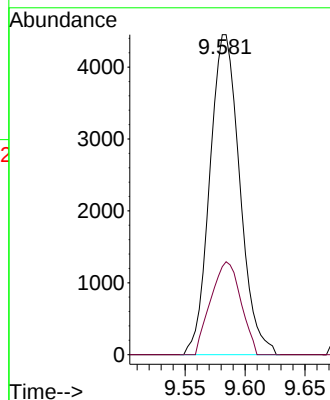
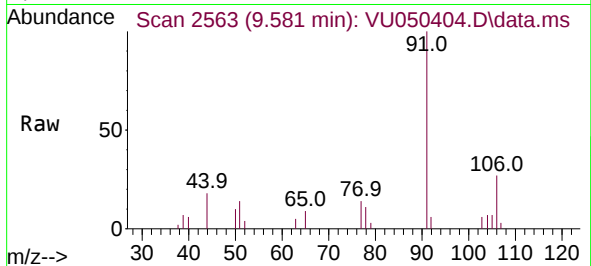




#63
Ethyl Benzene
Concen: 0.208 ug/l
RT: 9.581 min Scan# 2563
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

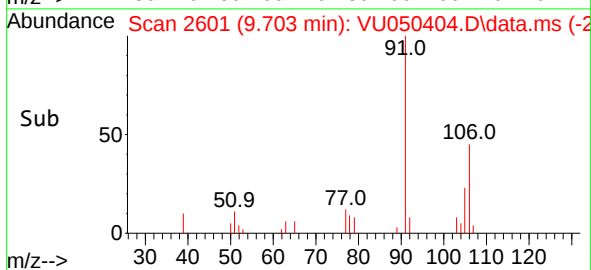
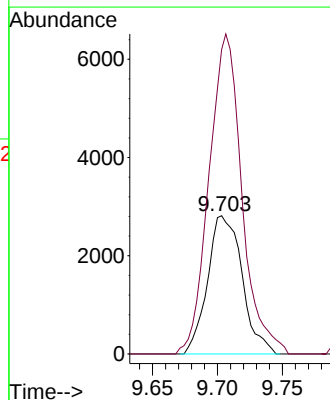
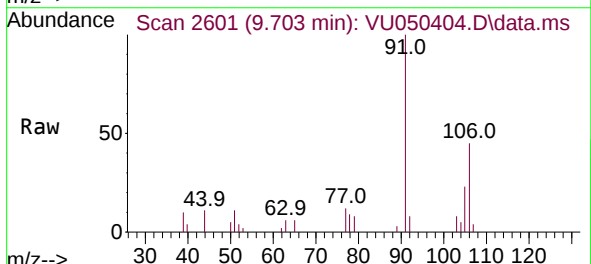
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

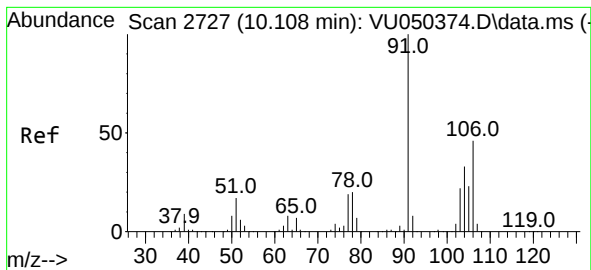
Tgt Ion: 91 Resp: 7726
Ion Ratio Lower Upper
91 100
106 27.5 24.4 36.6



#64
m/p-Xylenes
Concen: 0.360 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 106 Resp: 5202
Ion Ratio Lower Upper
106 100
91 220.5 167.8 251.6





#65

o-Xylene

Concen: 0.210 ug/l

RT: 10.112 min Scan# 2727

Delta R.T. 0.010 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

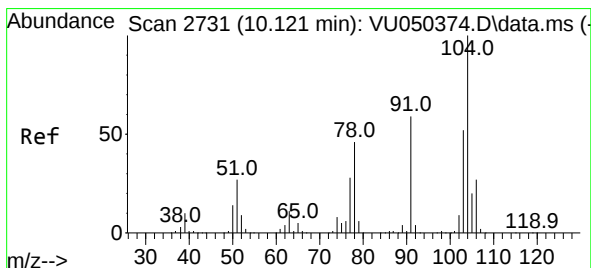
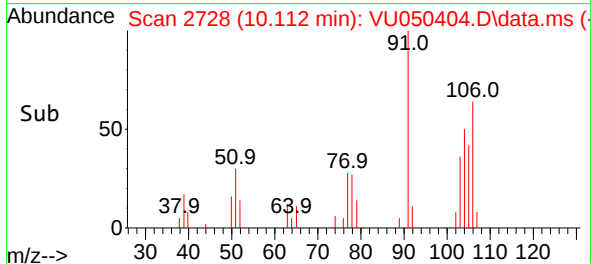
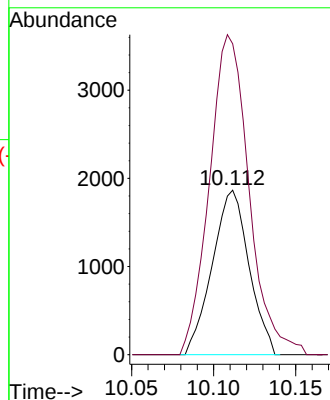
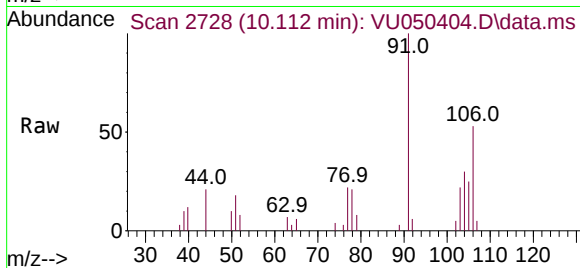
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:106 Resp: 2898

Ion Ratio Lower Upper

106 100

91 210.3 111.1 333.2



#66

Styrene

Concen: 0.177 ug/l

RT: 10.128 min Scan# 2733

Delta R.T. 0.013 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

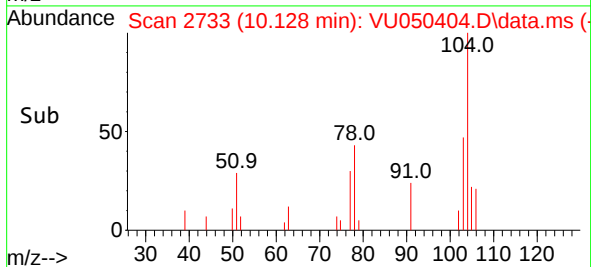
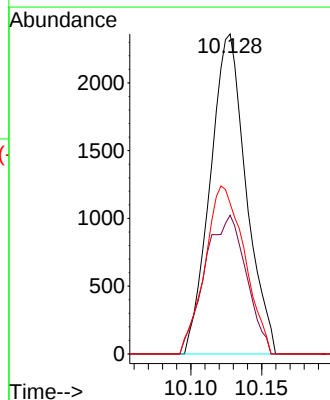
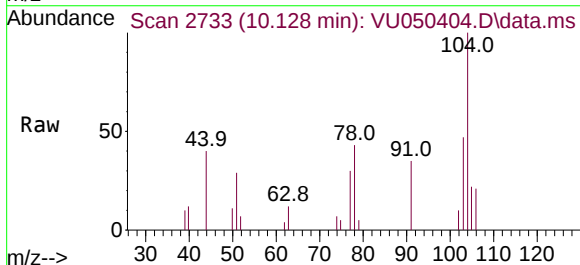
Tgt Ion:104 Resp: 4143

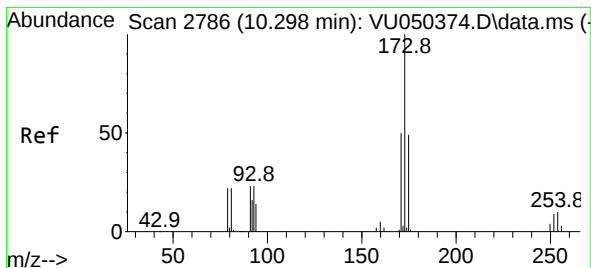
Ion Ratio Lower Upper

104 100

78 50.2 42.1 63.1

103 57.9 44.5 66.7





#67

Bromoform

Concen: 0.281 ug/l

RT: 10.301 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU050404.D

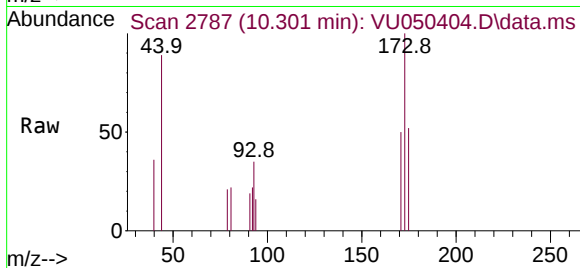
Acq: 22 Aug 2022 18:29

Instrument :

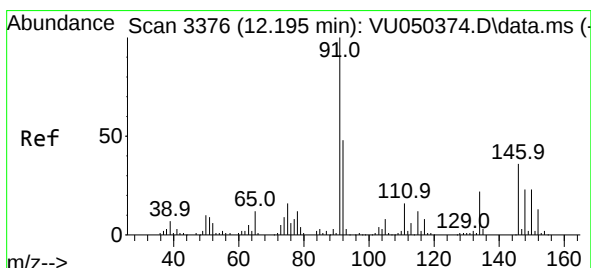
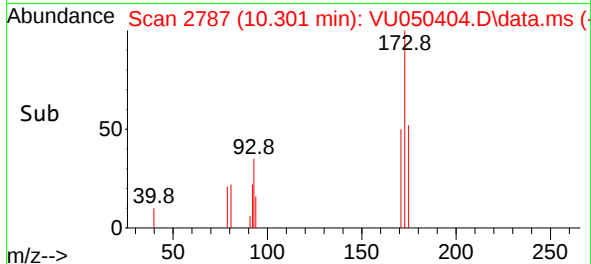
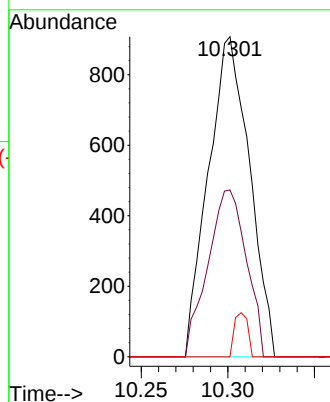
MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion:	173	Resp:	1499
Ion Ratio	Lower	Upper	
173	100		
175	48.8	38.4	57.6
254	4.4	7.7	11.5



#68

1,2-Dichlorobenzene-d4

Concen: 0.803 ug/l

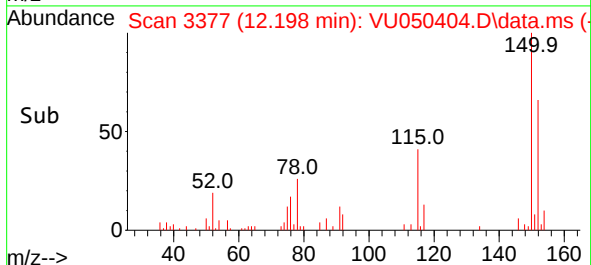
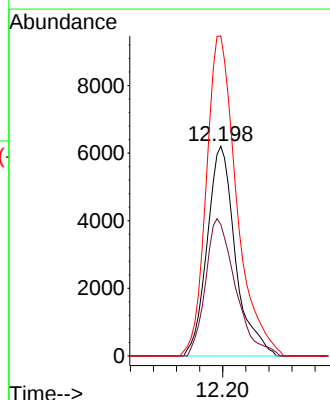
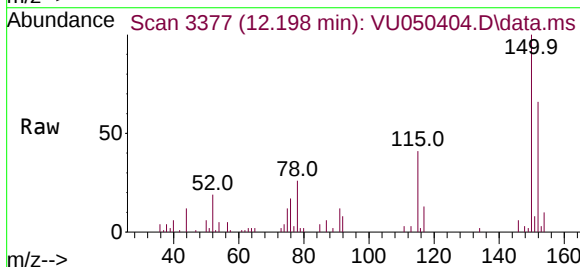
RT: 12.198 min Scan# 3377

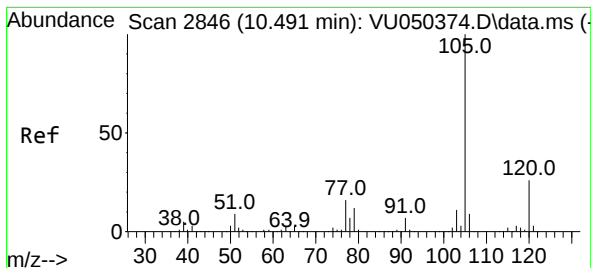
Delta R.T. 0.003 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Tgt Ion:	152	Resp:	10512
Ion Ratio	Lower	Upper	
152	100		
115	69.3	0.0	254.6
150	164.3	0.0	623.6





#69

Isopropylbenzene

Concen: 0.198 ug/l

RT: 10.494 min Scan# 2846

Delta R.T. 0.010 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

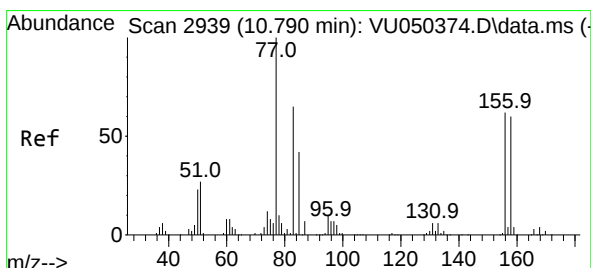
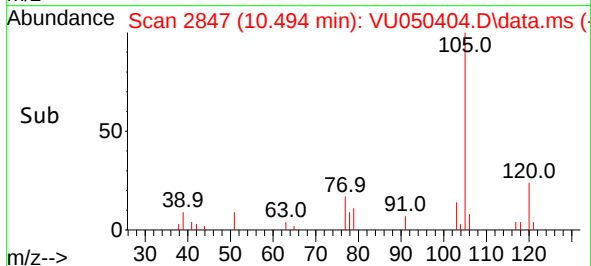
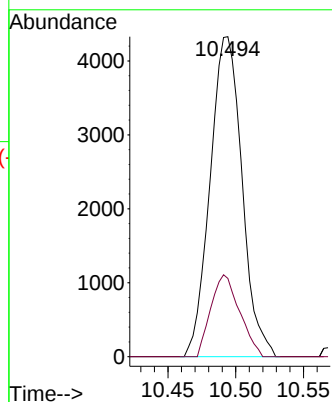
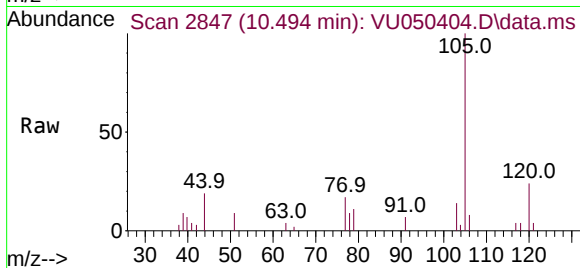
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:105 Resp: 7082

Ion Ratio Lower Upper

105 100

120 23.0 12.6 37.8



#70

1,1,2,2-Tetrachloroethane

Concen: 0.281 ug/l

RT: 10.790 min Scan# 2939

Delta R.T. 0.007 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

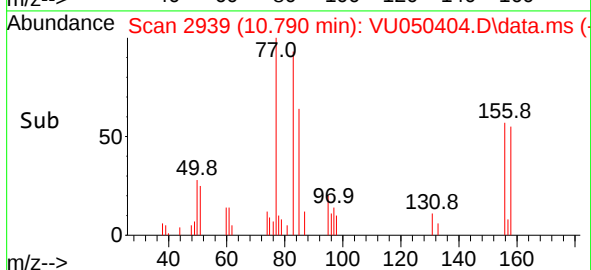
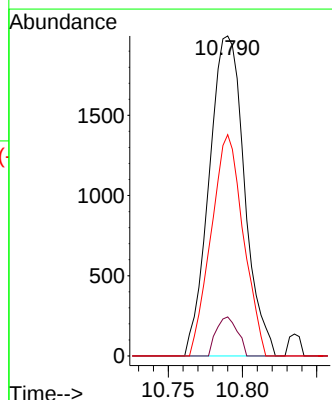
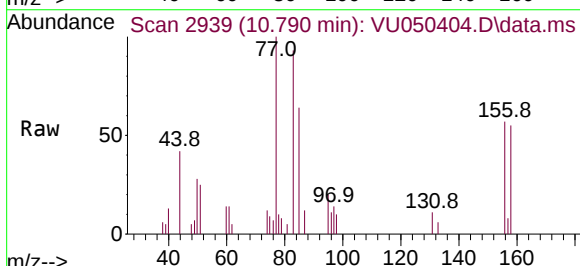
Tgt Ion: 83 Resp: 3300

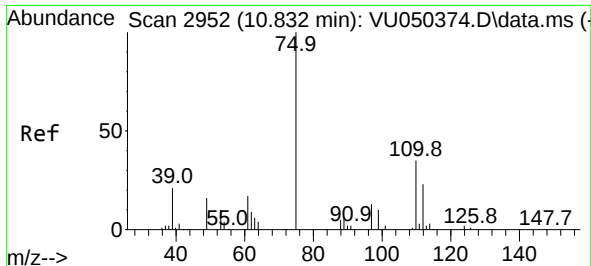
Ion Ratio Lower Upper

83 100

131 7.3 7.7 11.5#

85 62.9 51.2 76.8

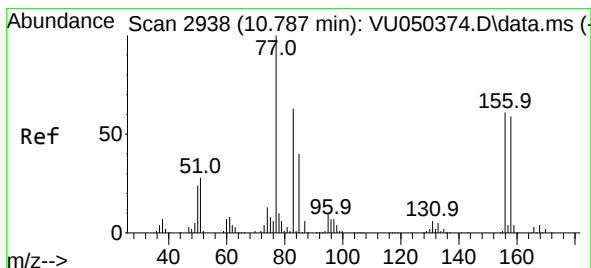
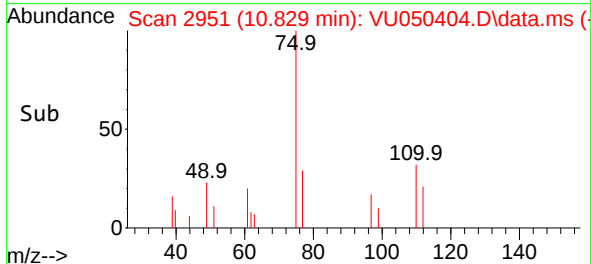
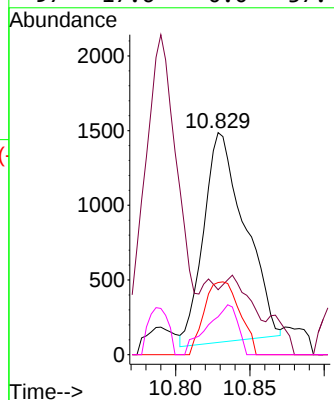
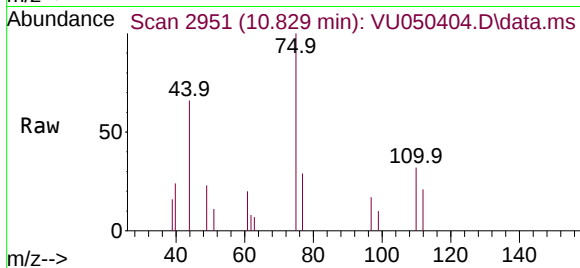




#71
1,2,3-Trichloropropane
Concen: 0.307 ug/l
RT: 10.829 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

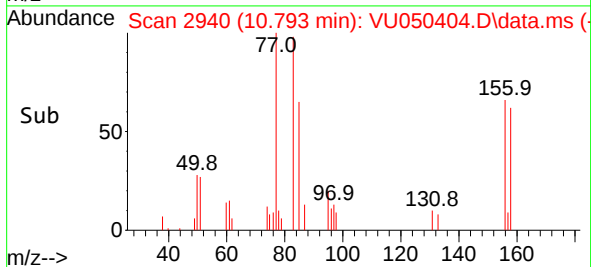
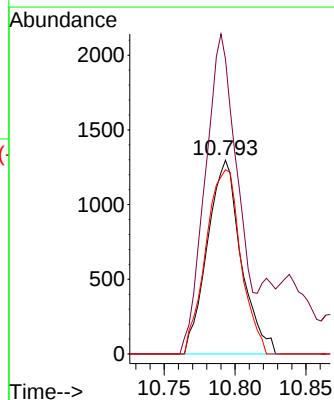
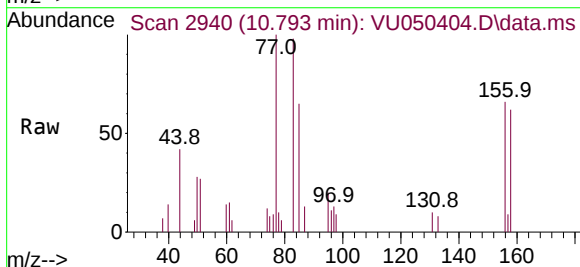
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

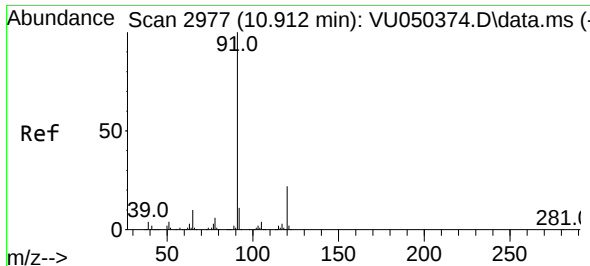
Tgt Ion: 75	Resp:	2711	
Ion	Ratio	Lower	Upper
75	100		
77	20.4	0.0	112.4
110	29.8	0.0	70.6
97	17.6	0.0	37.4



#72
Bromobenzene
Concen: 0.213 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:156	Resp:	2144	
Ion	Ratio	Lower	Upper
156	100		
77	160.9	0.0	344.4
158	98.6	0.0	192.2

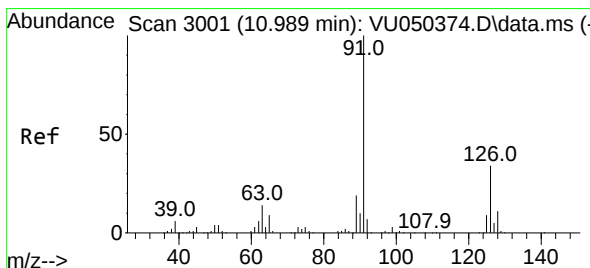
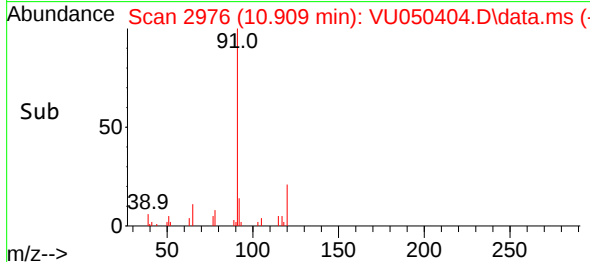
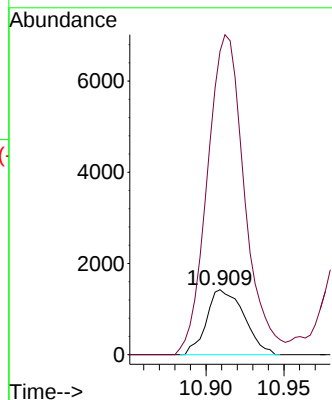
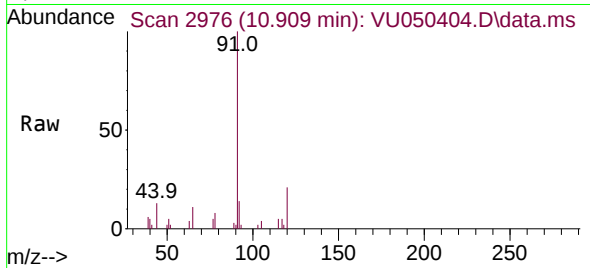




#73
n-propylbenzene
Concen: 0.244 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

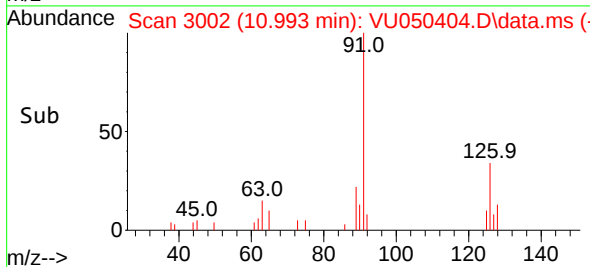
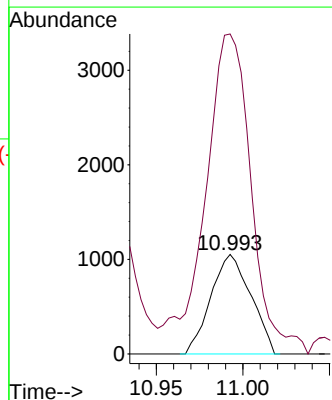
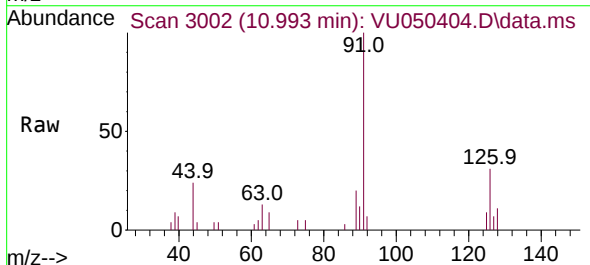
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

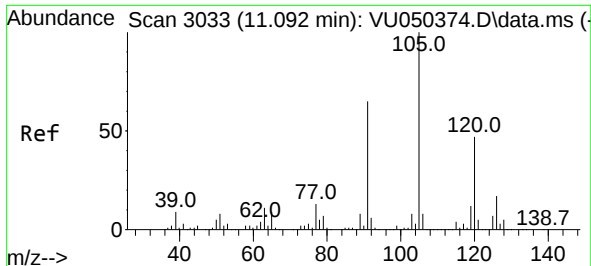
Tgt Ion:120 Resp: 2380
Ion Ratio Lower Upper
120 100
91 489.2 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.178 ug/l
RT: 10.993 min Scan# 3002
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:126 Resp: 1688
Ion Ratio Lower Upper
126 100
91 371.4 0.0 620.6

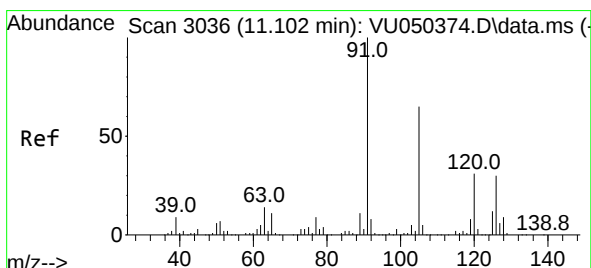
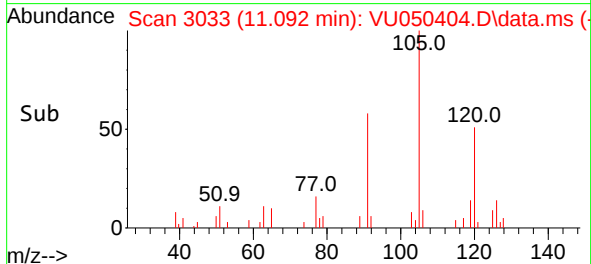
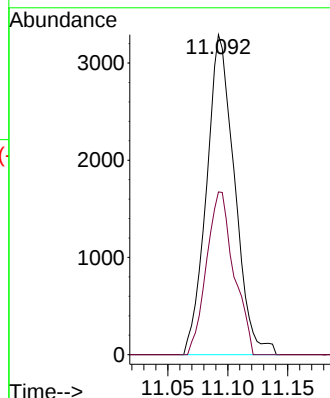
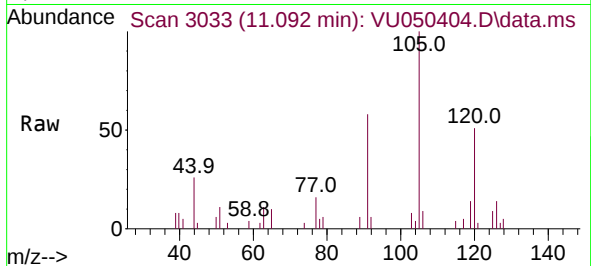




#75
1,3,5-Trimethylbenzene
Concen: 0.169 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

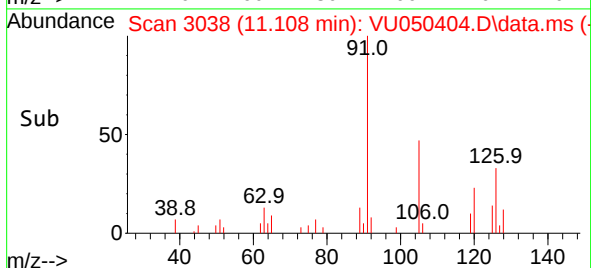
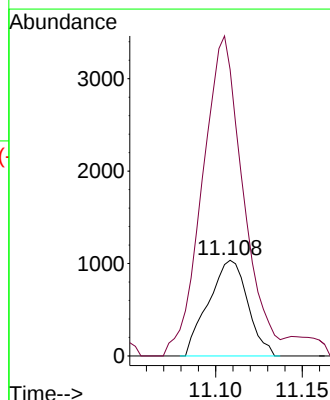
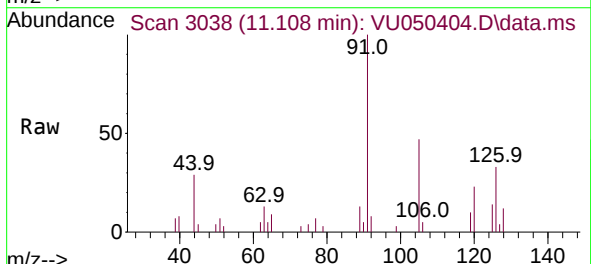
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

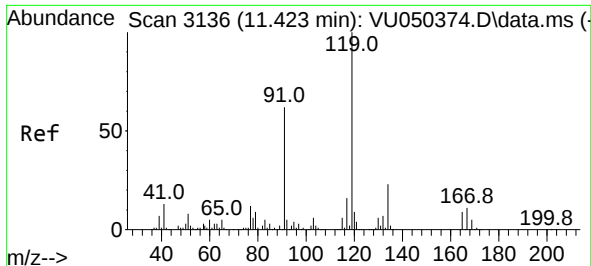
Tgt Ion:105 Resp: 5349
Ion Ratio Lower Upper
105 100
120 49.5 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.168 ug/l
RT: 11.108 min Scan# 3038
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:126 Resp: 1632
Ion Ratio Lower Upper
126 100
91 346.3 0.0 738.8

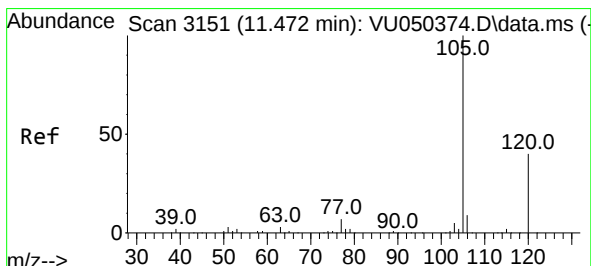
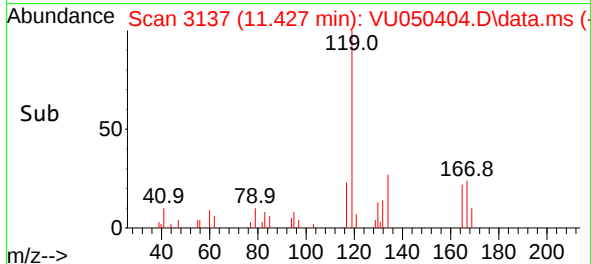
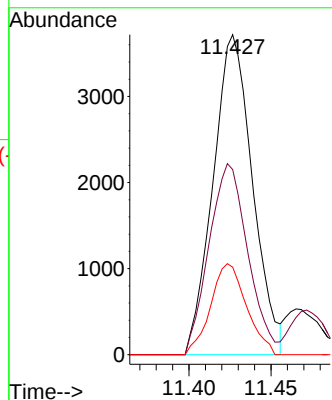
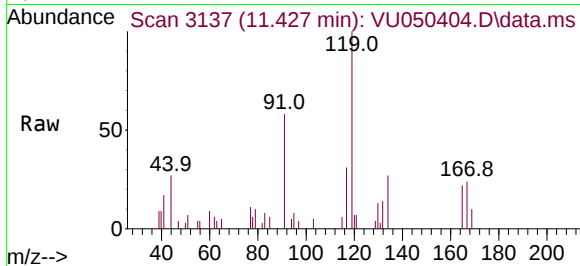




#77
 tert-Butylbenzene
 Concen: 0.199 ug/l
 RT: 11.427 min Scan# 3136
 Delta R.T. 0.007 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

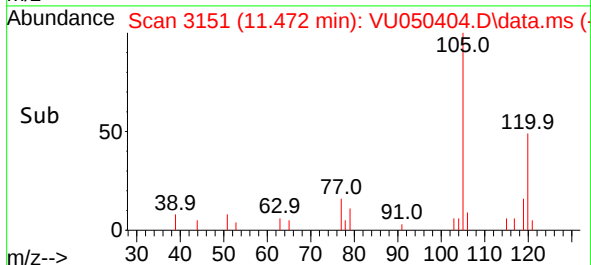
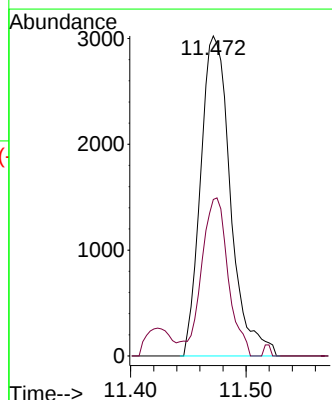
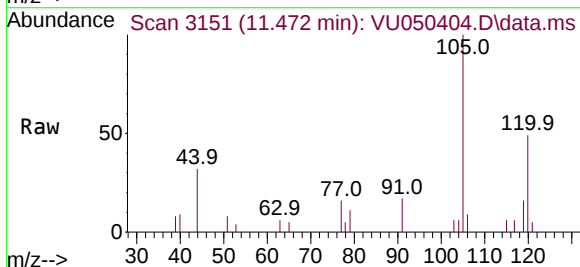
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

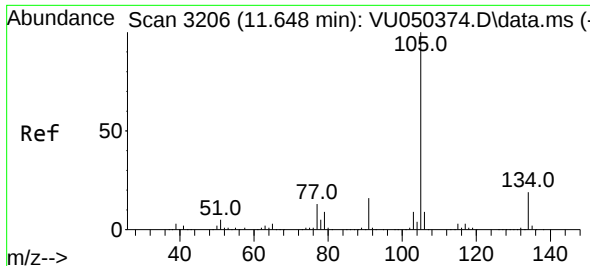
Tgt Ion:	119	Resp:	6210
Ion	Ratio	Lower	Upper
119	100		
91	58.5	30.4	91.3
134	25.9	17.8	26.6



#78
 1,2,4-Trimethylbenzene
 Concen: 0.166 ug/l
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

Tgt Ion:	105	Resp:	5418
Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.6	65.0





#79

sec-Butylbenzene

Concen: 0.168 ug/l

RT: 11.648 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050404.D

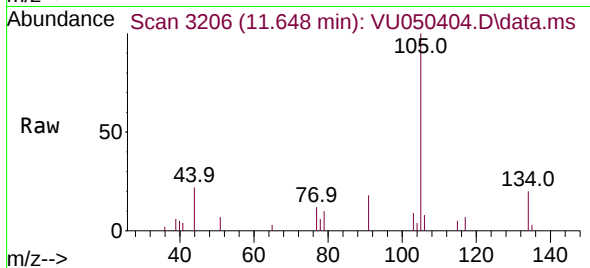
Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

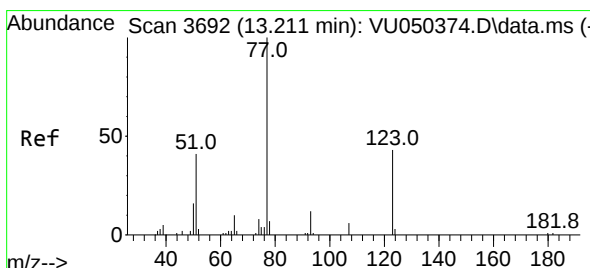
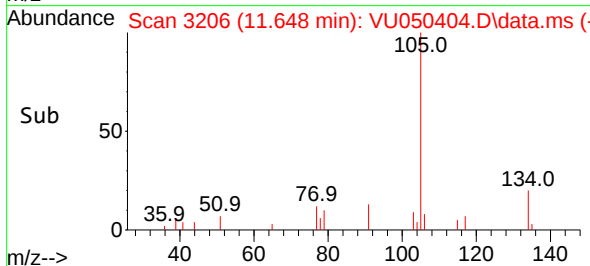
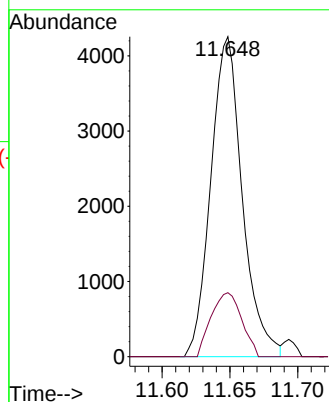


Tgt Ion:105 Resp: 6870

Ion Ratio Lower Upper

105 100

134 19.4 15.4 23.0



#80

Nitrobenzene

Concen: 1.253 ug/l

RT: 13.227 min Scan# 3697

Delta R.T. 0.019 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

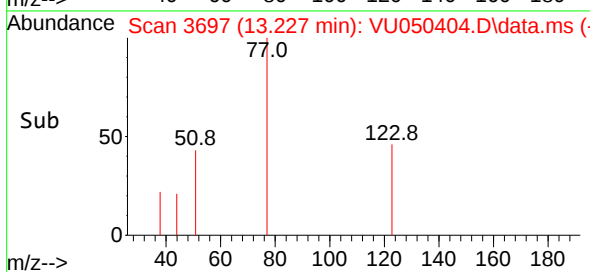
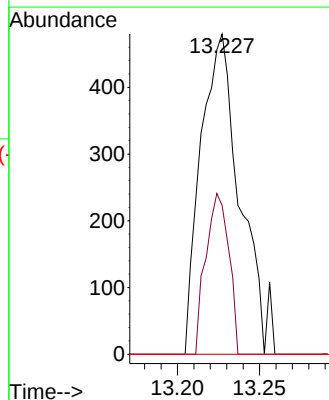
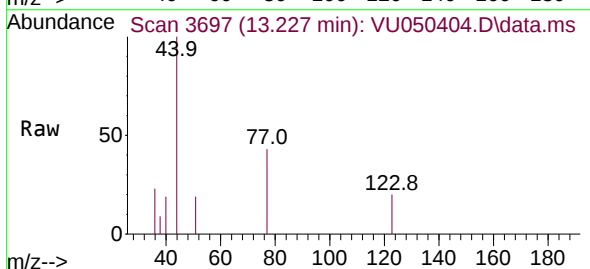
Tgt Ion: 77 Resp: 799

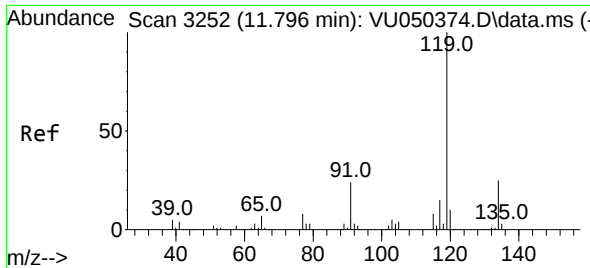
Ion Ratio Lower Upper

77 100

123 29.3 18.1 64.3

65 0.0 10.8 13.8#

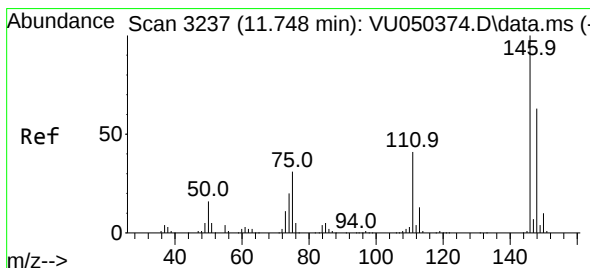
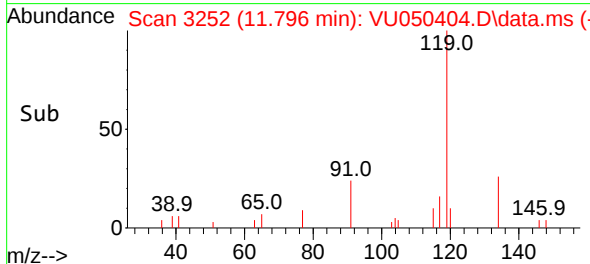
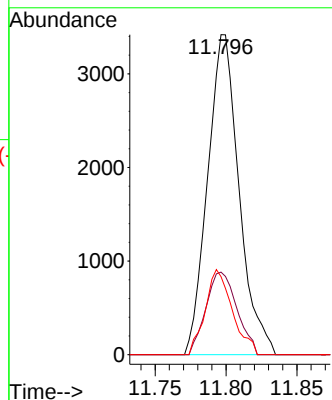
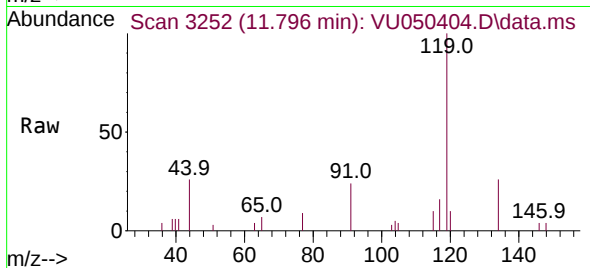




#81
p-Isopropyltoluene
Concen: 0.161 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

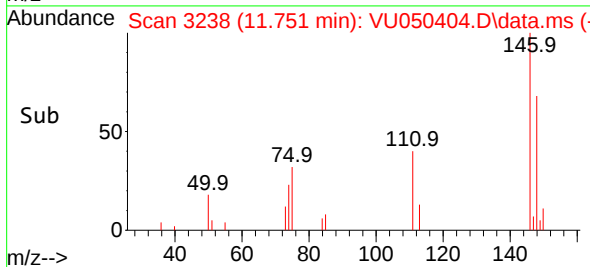
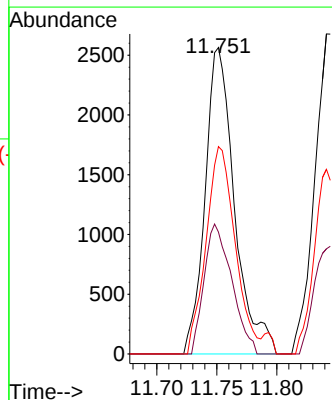
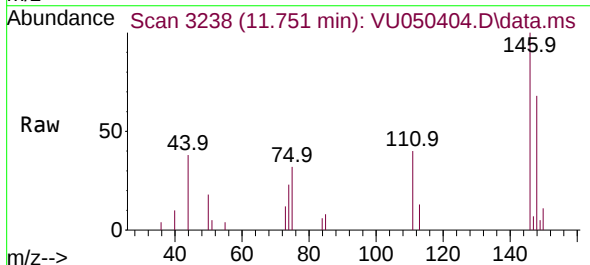
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

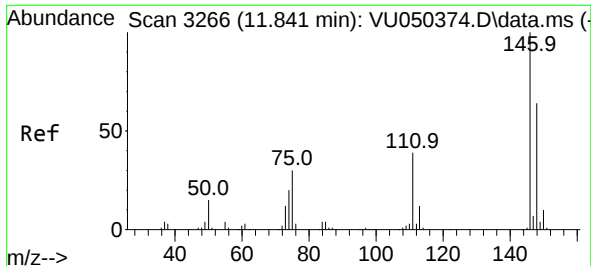
Tgt Ion:	119	Resp:	5267
Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.5	30.7
91	22.9	19.8	29.6



#82
1,3-Dichlorobenzene
Concen: 0.212 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:	146	Resp:	4381
Ion	Ratio	Lower	Upper
146	100		
111	39.9	33.4	50.2
148	67.3	51.2	76.8

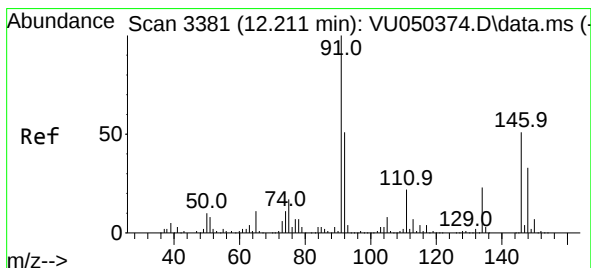
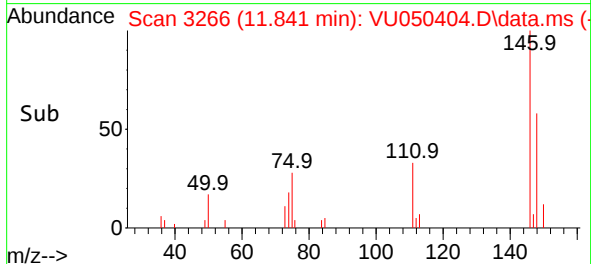
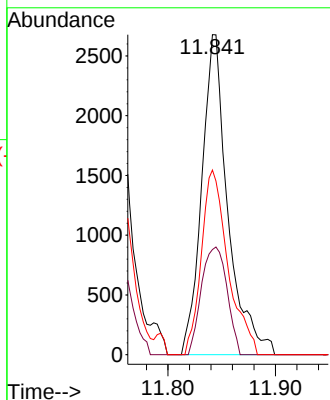
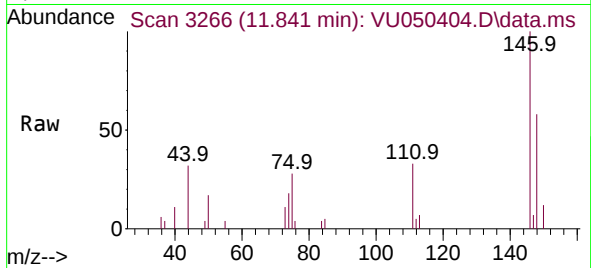




#83
1,4-Dichlorobenzene
Concen: 0.220 ug/l
RT: 11.841 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

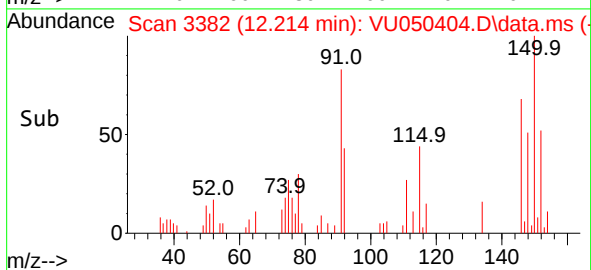
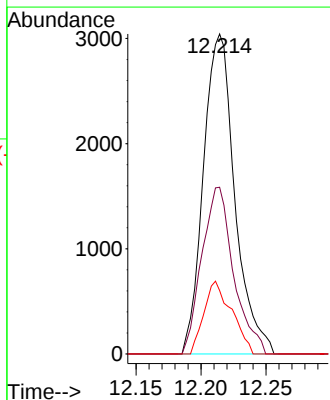
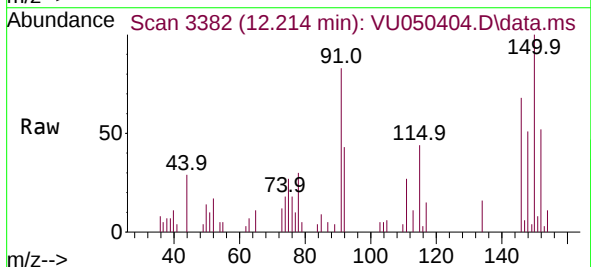
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

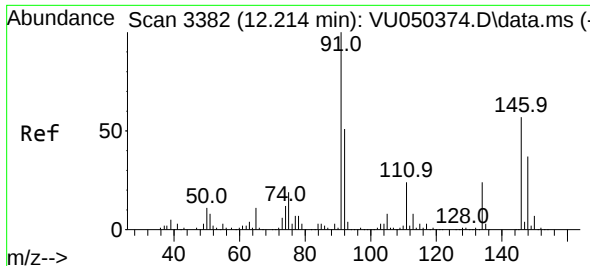
Tgt Ion:	146	Resp:	4527
Ion	Ratio	Lower	Upper
146	100		
111	32.9	32.6	49.0
148	58.8	51.6	77.4



#84
n-Butylbenzene
Concen: 0.166 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:	91	Resp:	5116
Ion	Ratio	Lower	Upper
91	100		
92	52.7	42.3	63.5
134	20.1	19.6	29.4

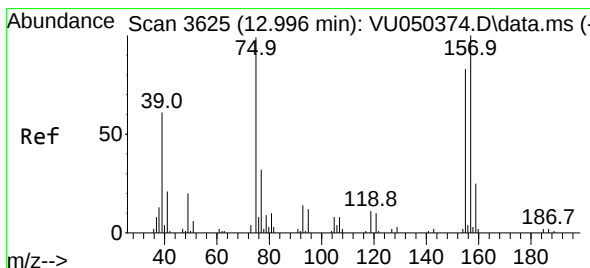
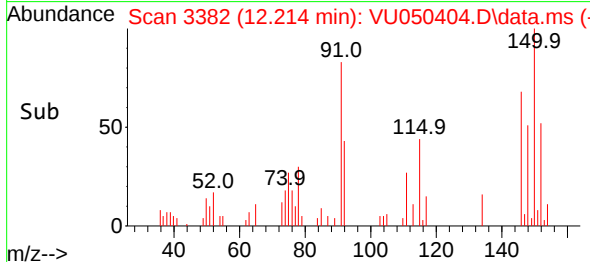
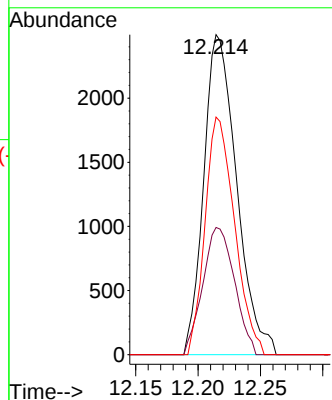
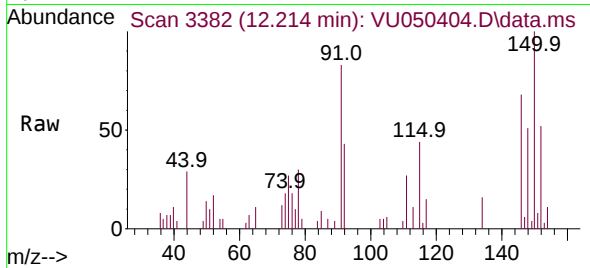




#85
1,2-Dichlorobenzene
Concen: 0.225 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

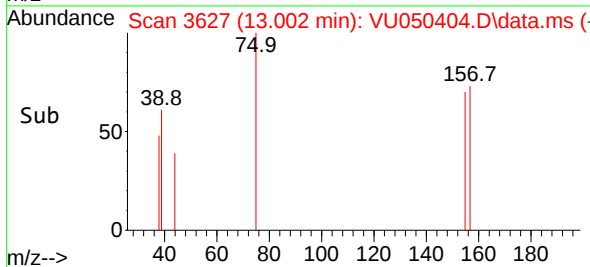
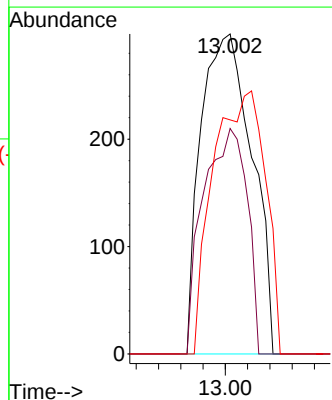
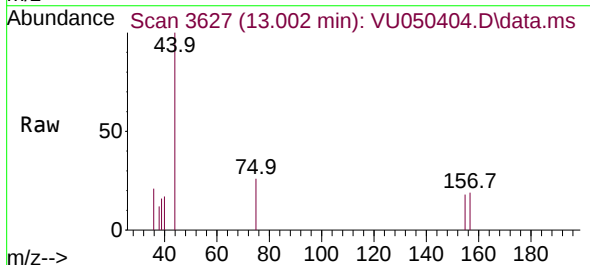
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

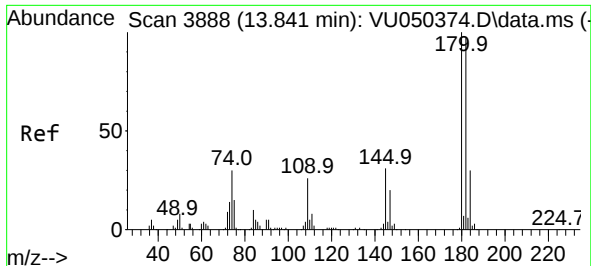
Tgt Ion:	146	Resp:	4575
Ion	Ratio	Lower	Upper
146	100		
111	38.3	22.1	66.1
148	66.8	32.1	96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.255 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:	75	Resp:	474
Ion	Ratio	Lower	Upper
75	100		
155	60.3	66.8	100.2#
157	84.2	83.8	125.8

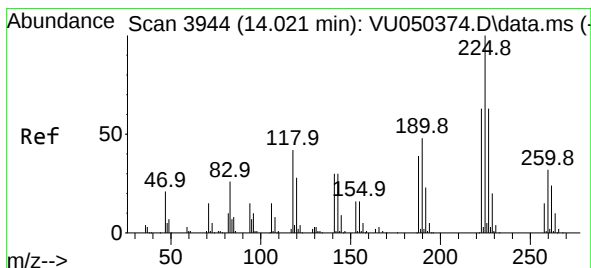
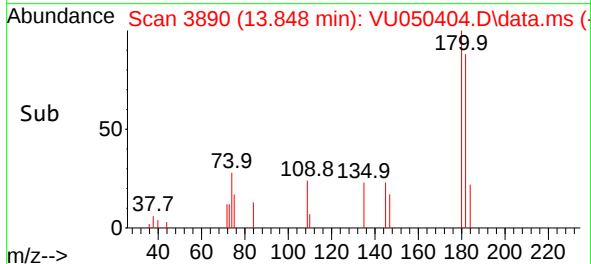
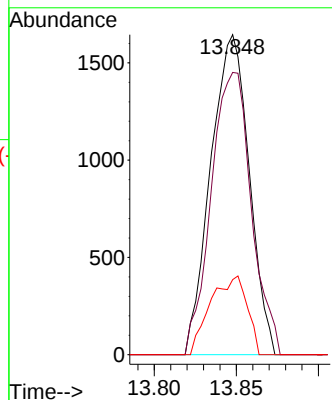
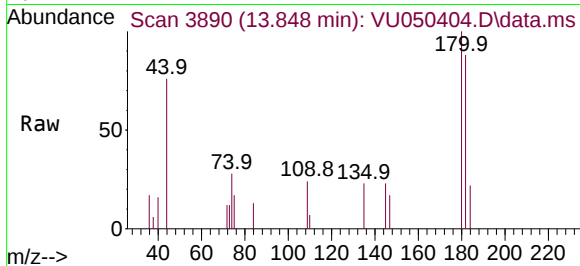




#87
1,2,4-Trichlorobenzene
Concen: 0.231 ug/l
RT: 13.848 min Scan# 3888
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

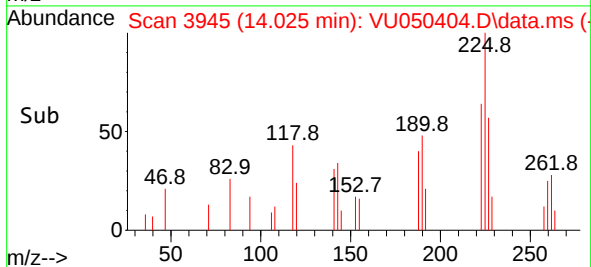
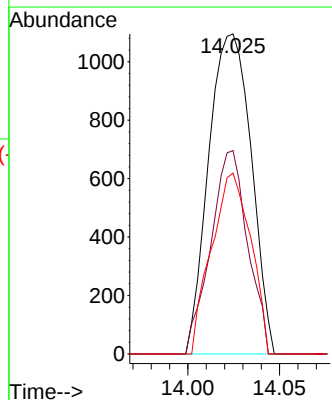
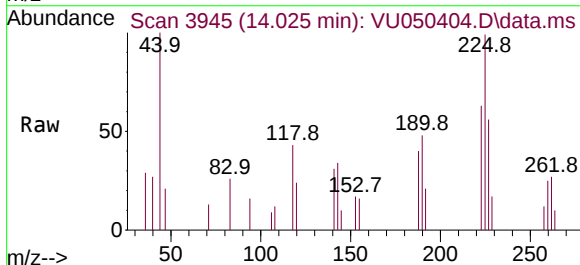
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

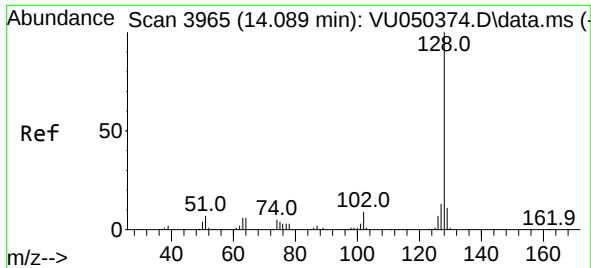
Tgt Ion:180 Resp: 2680
Ion Ratio Lower Upper
180 100
182 92.2 77.0 115.6
145 23.4 25.7 38.5#



#88
Hexachlorobutadiene
Concen: 0.234 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:225 Resp: 1771
Ion Ratio Lower Upper
225 100
223 54.9 50.6 76.0
227 52.2 50.7 76.1

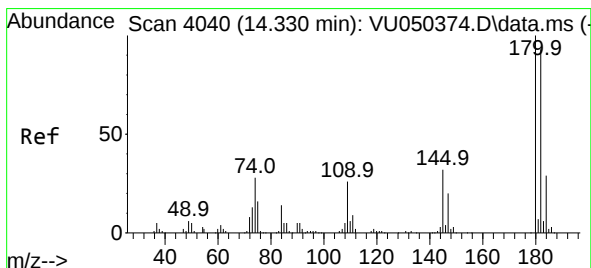
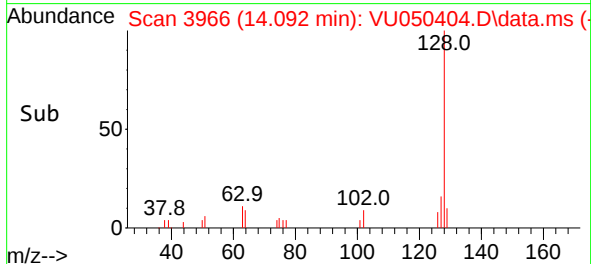
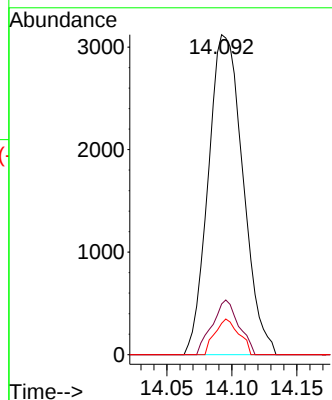
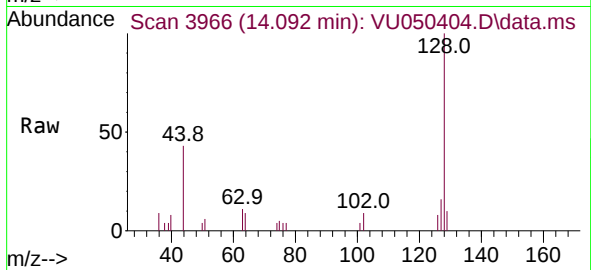




#89
Naphthalene
Concen: 0.226 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:128 Resp: 5783
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 7.7 8.6 12.8#



#90
1,2,3-Trichlorobenzene
Concen: 0.233 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:180 Resp: 2853
Ion Ratio Lower Upper
180 100
182 98.2 76.6 114.8
145 30.1 27.3 40.9

