

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082522\
 Data File : VU050444.D
 Acq On : 25 Aug 2022 13:54
 Operator : SY/MD
 Sample : N3980-09 0.4PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Aug 26 11:32:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	33057	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	8816	0.783	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	11327	0.851	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4280	0.313	ug/l	96
3) Chloromethane	1.517	50	6692m	0.402	ug/l	
4) Vinyl Chloride	1.604	62	4448	0.313	ug/l	99
5) Bromomethane	1.858	94	2016	0.346	ug/l	98
6) Chloroethane	1.935	64	3109	0.361	ug/l	94
7) Trichlorofluoromethane	2.141	101	5648	0.318	ug/l	91
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	3261	0.328	ug/l	96
9) 1,1-Dichloroethene	2.584	96	3321	0.341	ug/l	95
10) Iodomethane	2.729	142	1465	0.182	ug/l	86
11) Allyl Chloride	2.932	41	5228	0.348	ug/l	100
12) Acrylonitrile	3.340	53	2005m	0.687	ug/l	
13) Acetone	2.639	43	5247m	2.569	ug/l	
14) Carbon Disulfide	2.800	76	9385	0.311	ug/l	95
15) Methylene Chloride	3.051	84	6265	0.476	ug/l	95
16) trans-1,2-Dichloroethene	3.356	96	3535	0.351	ug/l	88
17) 1,1-Dichloroethane	3.883	63	7476	0.357	ug/l #	95
18) 2-Butanone	4.752	43	5300	1.650	ug/l	97
19) Cyclohexane	5.356	56	5633m	0.370	ug/l	
20) Methylcyclohexane	6.787	83	3313	0.276	ug/l	98
21) 2,2-Dichloropropane	4.665	77	5416	0.340	ug/l #	74
22) cis-1,2-Dichloroethene	4.674	96	4106	0.361	ug/l	95
23) Diethyl Ether	2.385	59	2700	0.323	ug/l	94
24) tert-Butyl Alcohol	3.205	59	3553m	3.357	ug/l	
25) Methyl tert-Butyl Ether	3.385	73	8770	0.339	ug/l #	88
26) Bromochloromethane	4.973	128	1513	0.331	ug/l	88
27) Chloroform	5.086	83	7472	0.368	ug/l	96
28) 1,1,1-Trichloroethane	5.295	97	5377	0.310	ug/l	91
29) 1,1-Dichloropropene	5.504	75	5601	0.403	ug/l	92
30) Carbon Tetrachloride	5.501	117	4877	0.352	ug/l #	95
31) Isopropyl Ether	4.028	45	13202	0.406	ug/l	97
32) Ethyl-t-butyl ether	4.536	59	9239m	0.362	ug/l	
33) Tert-Amyl methyl ether	5.960	73	5310	0.319	ug/l #	89
34) Propionitrile	4.809	54	1626m	1.714	ug/l	
35) Benzene	5.761	78	13389	0.328	ug/l	92
36) 1,2-Dichloroethane	5.793	62	4085	0.328	ug/l #	88
37) Trichloroethene	6.568	130	3331	0.341	ug/l	93
38) 1,2-Dichloropropane	6.832	63	3513	0.321	ug/l #	85
39) Methacrylonitrile	4.993	41	1877	0.482	ug/l #	77
40) Methyl acrylate	4.880	55	2873	0.484	ug/l #	81
41) Tetrahydrofuran	5.099	42	3180m	1.631	ug/l	
42) 1-Chlorobutane	5.440	56	6836	0.346	ug/l	95
43) Dibromomethane	6.960	93	1859	0.315	ug/l	94
44) Bromodichloromethane	7.137	83	4556	0.327	ug/l #	99

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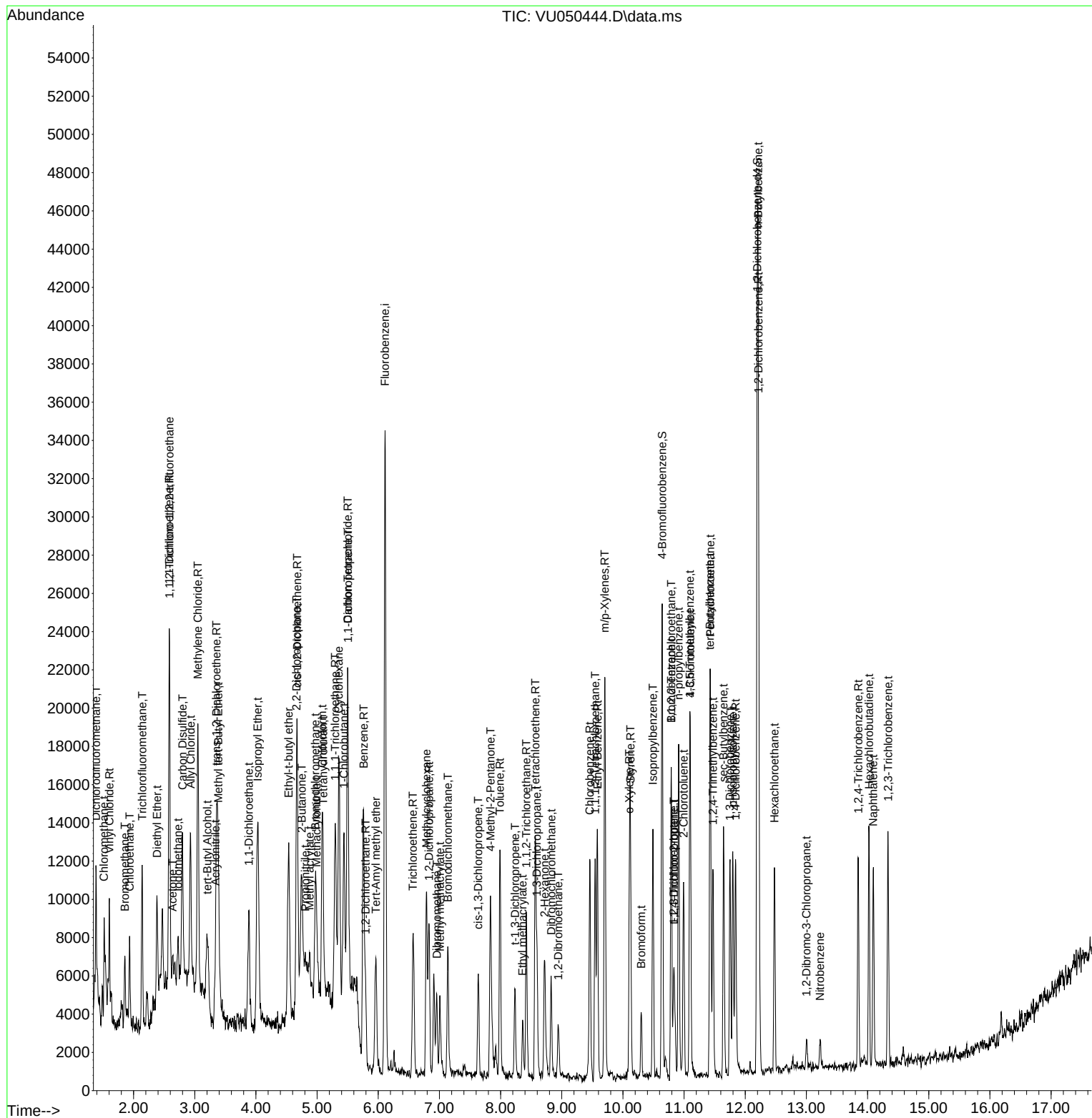
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.835	43	8610	1.453	ug/l #	90
46) t-1,4-Dichloro-2-butene	10.832	75	1968m	1.065	ug/l	
47) Methyl methacrylate	7.009	69	2004	1.358	ug/l	98
48) Ethyl methacrylate	8.359	69	1698	0.713	ug/l	91
49) Toluene	7.986	92	5367	0.245	ug/l	94
50) t-1,3-Dichloropropene	8.237	75	2988	0.275	ug/l #	78
51) cis-1,3-Dichloropropene	7.636	75	3601	0.290	ug/l	95
52) 1,1,2-Trichloroethane	8.420	97	2896	0.334	ug/l	91
53) 1,3-Dichloropropane	8.594	76	4054	0.297	ug/l	93
54) 2-Hexanone	8.722	43	5707	1.383	ug/l	87
55) Dibromochloromethane	8.829	129	2887	0.302	ug/l	97
56) 1,2-Dibromoethane	8.941	107	2202	0.283	ug/l	97
58) Tetrachloroethene	8.568	164	3070	0.333	ug/l	89
59) Chlorobenzene	9.459	112	6973	0.295	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.546	131	3074	0.309	ug/l	99
61) Pentachloroethane	11.430	117	2372	0.287	ug/l	94
62) Hexachloroethane	12.478	117	2262	0.329	ug/l	94
63) Ethyl Benzene	9.584	91	9400	0.755	ug/l	95
64) m/p-Xylenes	9.703	106	6883	1.427	ug/l	91
65) o-Xylene	10.105	106	3104	0.678	ug/l	97
66) Styrene	10.124	104	4860	0.745	ug/l	97
67) Bromoform	10.301	173	1543	0.285	ug/l #	93
69) Isopropylbenzene	10.491	105	8813	0.747	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.790	83	4005	0.335	ug/l #	91
71) 1,2,3-Trichloropropane	10.832	75	2308m	0.257	ug/l	
72) Bromobenzene	10.790	156	2735	0.268	ug/l	94
73) n-propylbenzene	10.912	120	2917	0.802	ug/l	98
74) 2-Chlorotoluene	10.992	126	1921	0.546	ug/l	78
75) 1,3,5-Trimethylbenzene	11.092	105	6974	0.682	ug/l	98
76) 4-Chlorotoluene	11.102	126	2138	0.567	ug/l	85
77) tert-Butylbenzene	11.423	119	7410	0.673	ug/l	98
78) 1,2,4-Trimethylbenzene	11.472	105	6723	0.711	ug/l	98
79) sec-Butylbenzene	11.645	105	9277	0.712	ug/l	96
80) Nitrobenzene	13.221	77	1198	1.849	ug/l #	77
81) p-Isopropyltoluene	11.796	119	6859	0.751	ug/l #	93
82) 1,3-Dichlorobenzene	11.748	146	6191	0.294	ug/l	91
83) 1,4-Dichlorobenzene	11.844	146	5716	0.273	ug/l	98
84) n-Butylbenzene	12.211	91	7841	0.770	ug/l	94
85) 1,2-Dichlorobenzene	12.217	146	6074	0.294	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	483	0.256	ug/l	87
87) 1,2,4-Trichlorobenzene	13.848	180	3750	0.318	ug/l	94
88) Hexachlorobutadiene	14.024	225	2510	0.327	ug/l	96
89) Naphthalene	14.092	128	9589	1.232	ug/l	97
90) 1,2,3-Trichlorobenzene	14.336	180	3949	0.739	ug/l	97

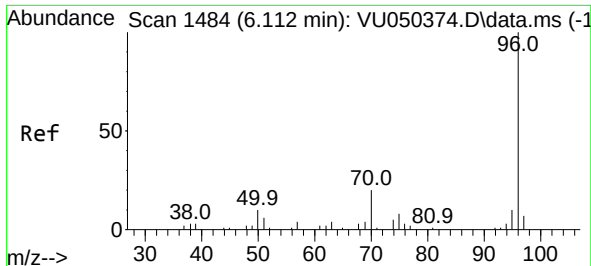
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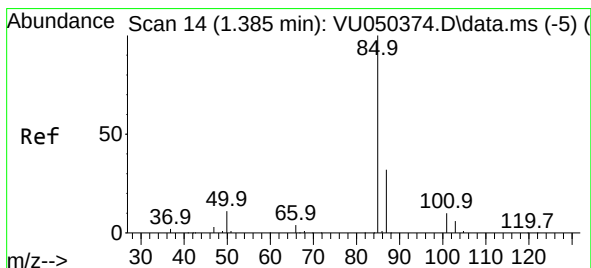
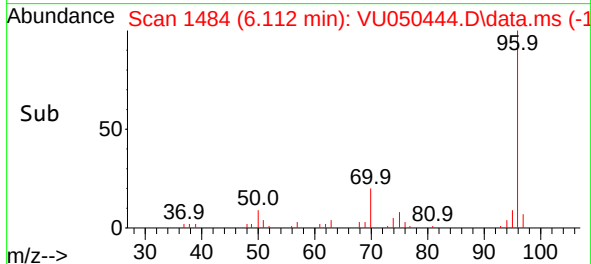
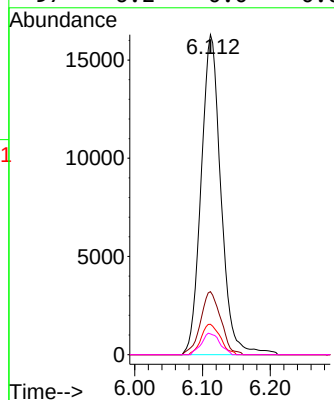
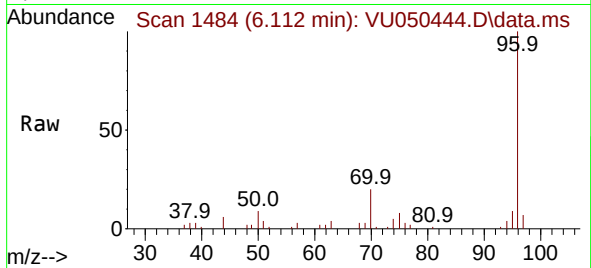




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU050444.D
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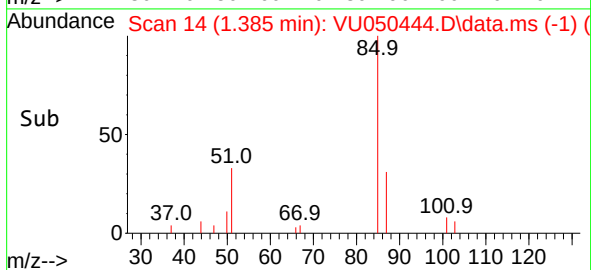
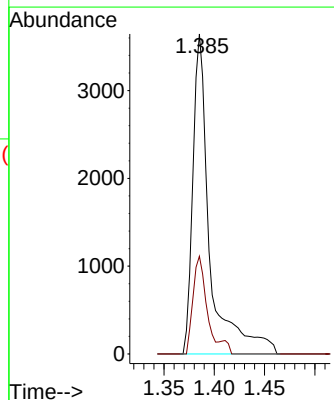
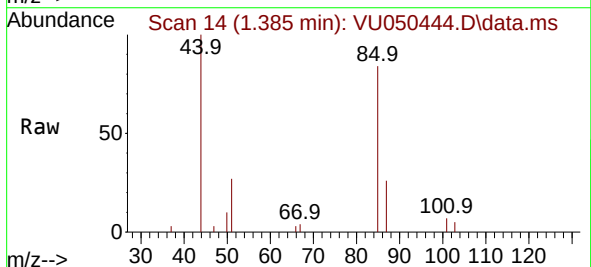
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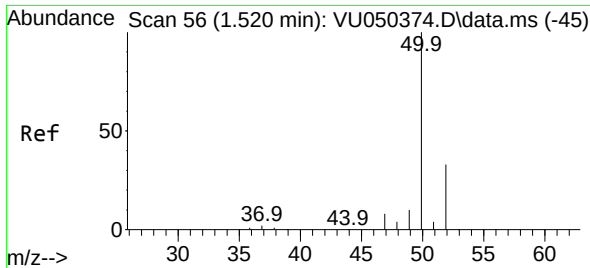
Tgt Ion:	96	Resp:	33057
Ion	Ratio	Lower	Upper
96	100		
70	20.1	16.7	25.1
95	9.1	7.4	11.0
97	6.2	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.313 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050444.D
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Tgt Ion:	85	Resp:	4280
Ion	Ratio	Lower	Upper
85	100		
87	30.5	16.3	48.8

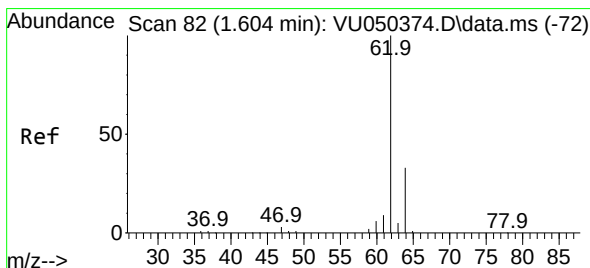
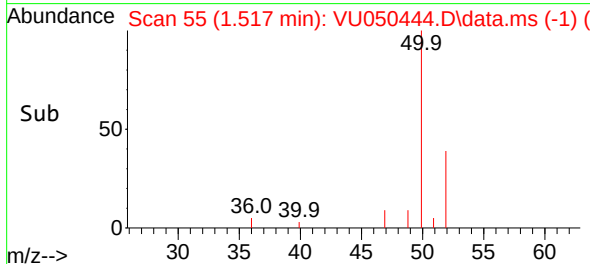
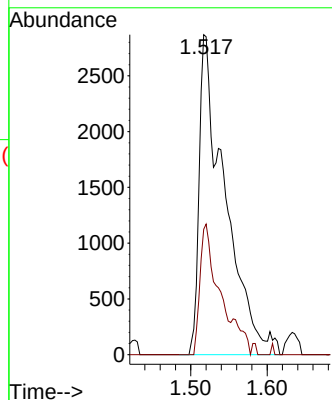
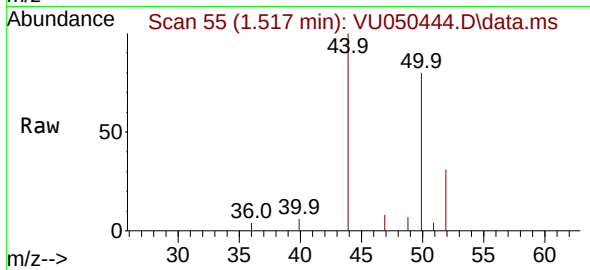




#3
Chloromethane
Concen: 0.402 ug/l m
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

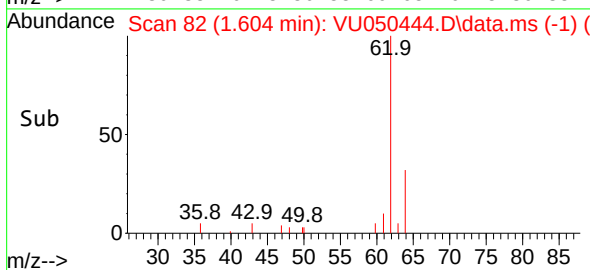
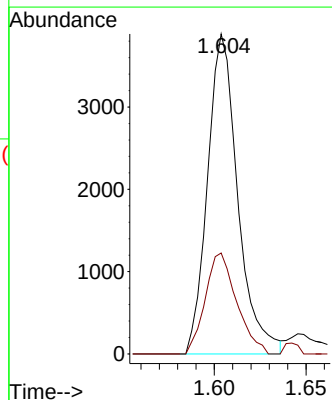
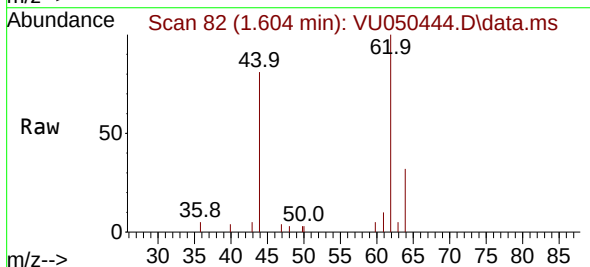
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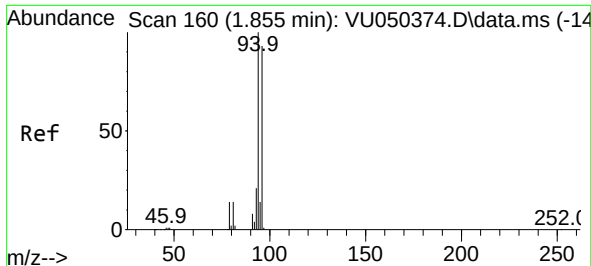
Tgt Ion: 50 Resp: 6692
Ion Ratio Lower Upper
50 100
52 39.2 26.1 39.1#



#4
Vinyl Chloride
Concen: 0.313 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 62 Resp: 4448
Ion Ratio Lower Upper
62 100
64 31.6 25.5 38.3

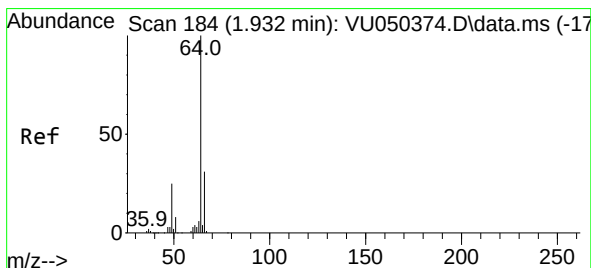
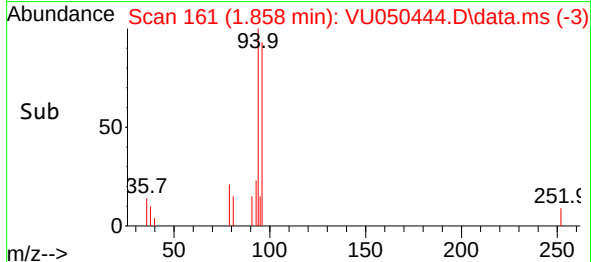
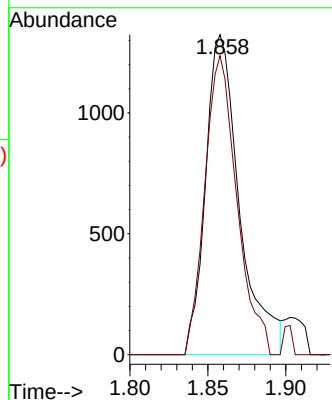
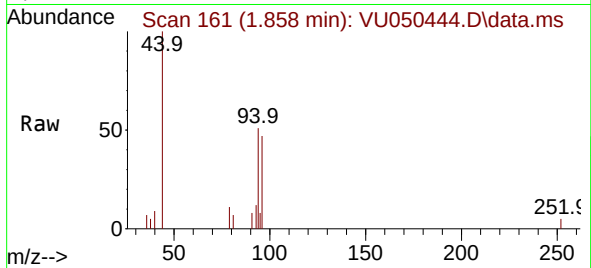




#5
Bromomethane
Concen: 0.346 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU050444.D
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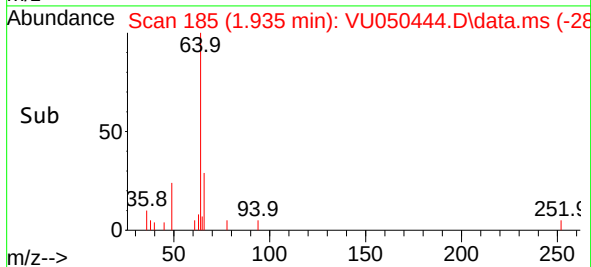
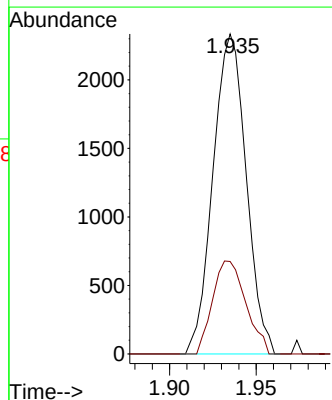
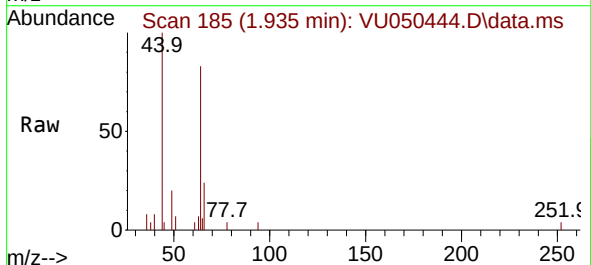
Instrument :
MSVOA_U
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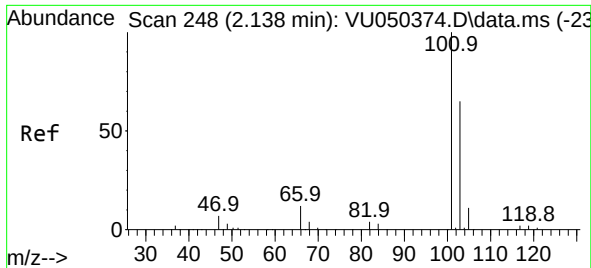
Tgt Ion: 94 Resp: 2016
Ion Ratio Lower Upper
94 100
96 93.4 73.0 109.6



#6
Chloroethane
Concen: 0.361 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 64 Resp: 3109
Ion Ratio Lower Upper
64 100
66 28.9 25.8 38.6

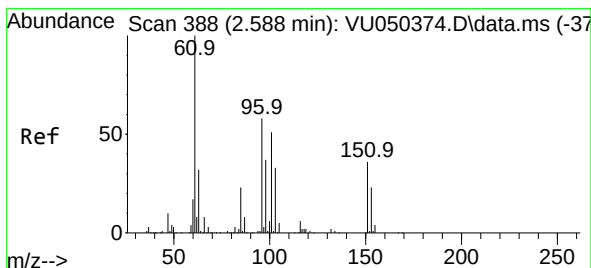
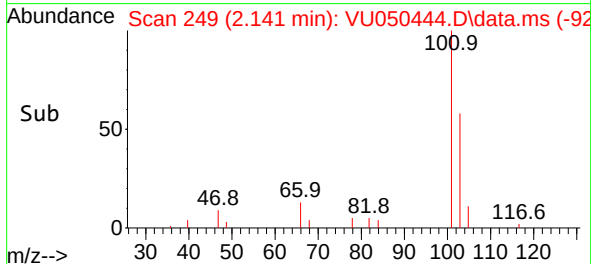
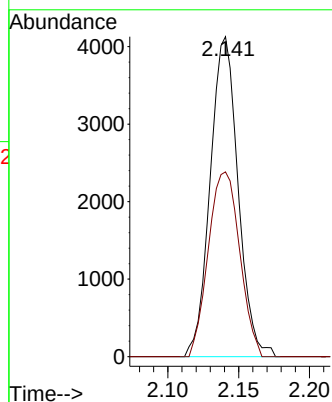
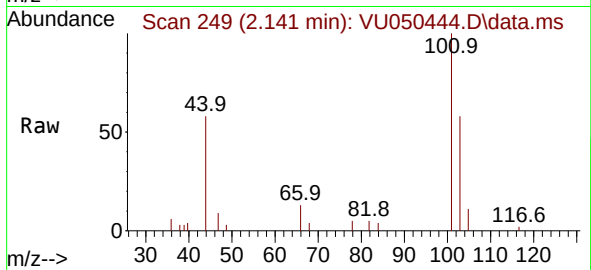




#7
 Trichlorofluoromethane
 Concen: 0.318 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU050444.D
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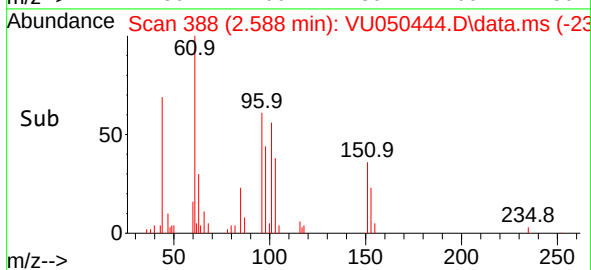
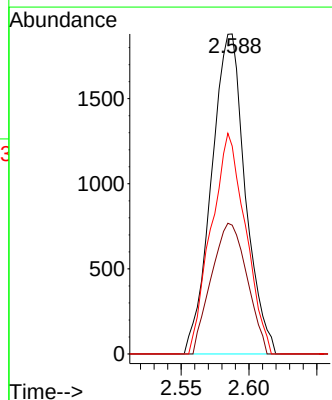
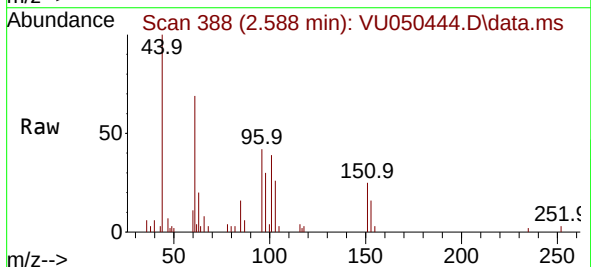
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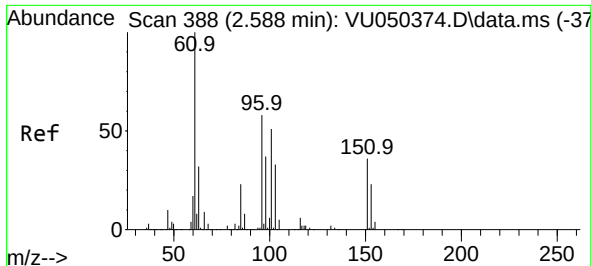
Tgt Ion:101 Resp: 5648
 Ion Ratio Lower Upper
 101 100
 103 57.8 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.328 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. 0.006 min
 Lab File: VU050444.D
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Tgt Ion:101 Resp: 3261
 Ion Ratio Lower Upper
 101 100
 85 43.0 36.4 54.6
 151 70.1 59.1 88.7

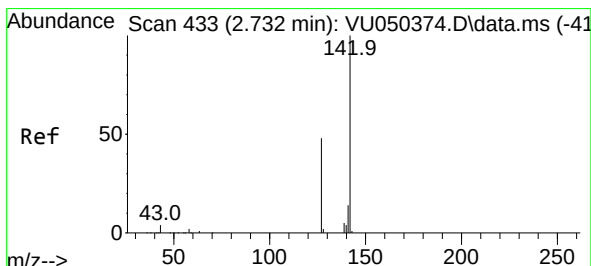
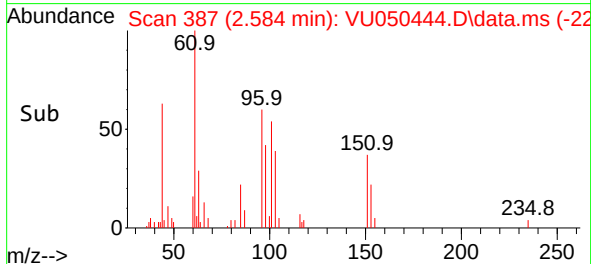
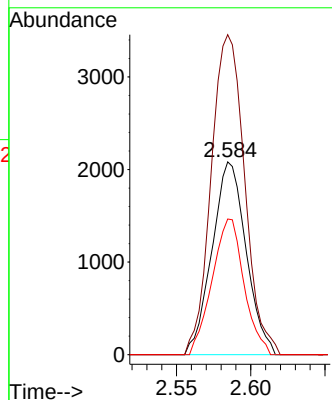
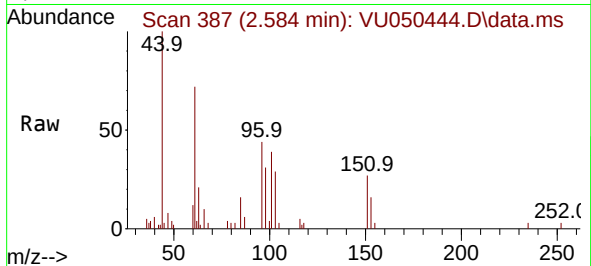




#9
1,1-Dichloroethene
Concen: 0.341 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.006 min
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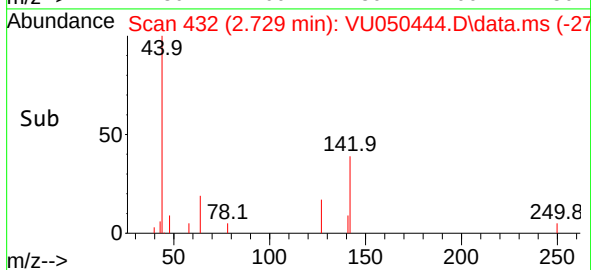
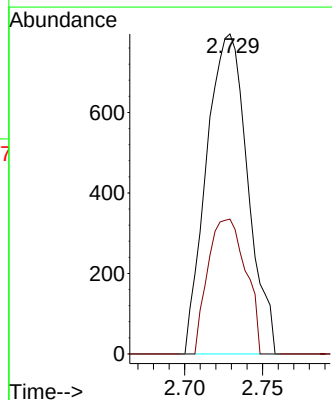
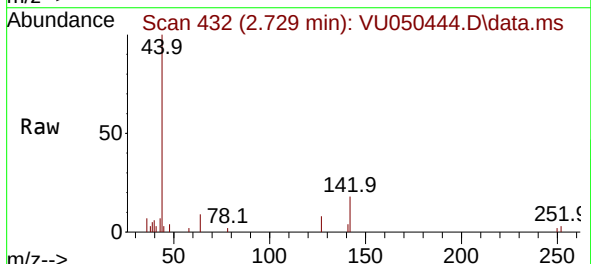
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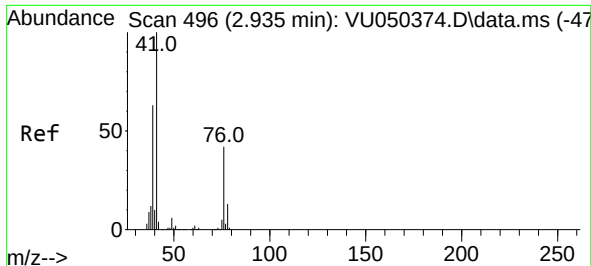
Tgt Ion: 96 Resp: 3321
Ion Ratio Lower Upper
96 100
61 166.0 0.0 510.6
98 70.4 0.0 124.6



#10
Iodomethane
Concen: 0.182 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.010 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 142 Resp: 1465
Ion Ratio Lower Upper
142 100
127 38.5 38.2 57.2





#11

Allyl Chloride

Concen: 0.348 ug/l

RT: 2.932 min Scan# 496

Delta R.T. 0.010 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

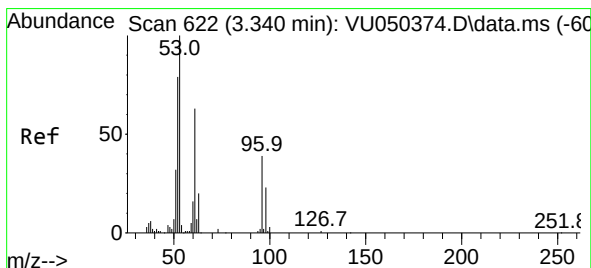
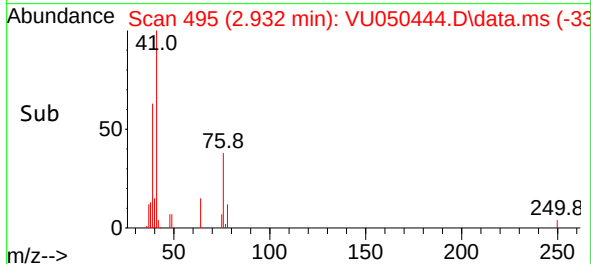
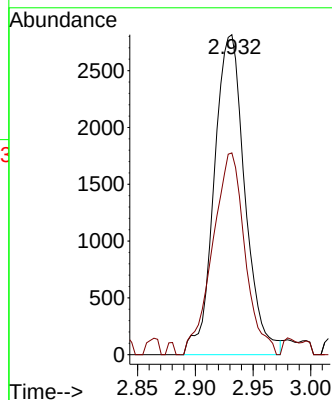
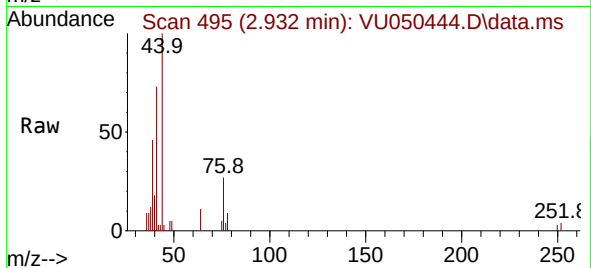
MDL-WATER-03-QT3-2022

Tgt Ion: 41 Resp: 5228

Ion Ratio Lower Upper

41 100

39 66.2 53.2 79.8



#12

Acrylonitrile

Concen: 0.687 ug/l m

RT: 3.340 min Scan# 622

Delta R.T. 0.023 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

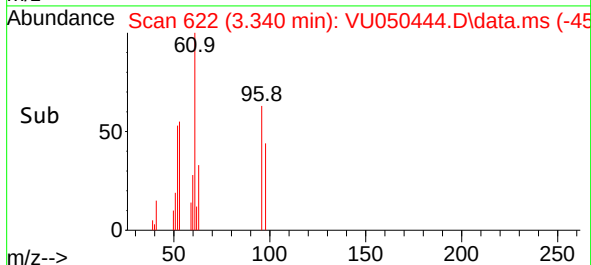
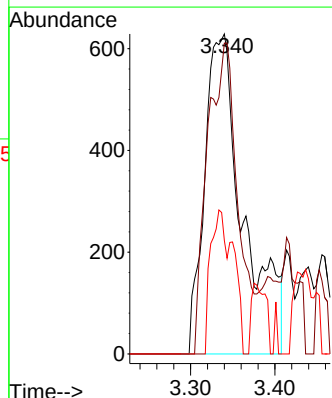
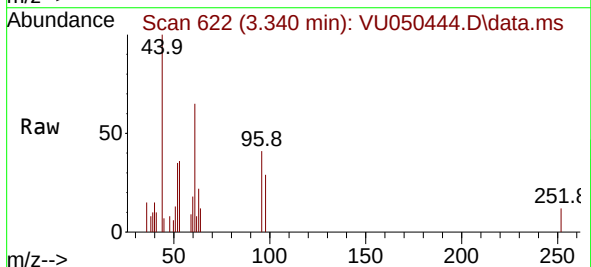
Tgt Ion: 53 Resp: 2005

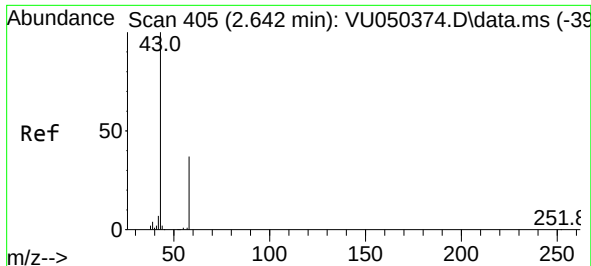
Ion Ratio Lower Upper

53 100

52 76.8 64.6 97.0

51 17.6 30.7 46.1#

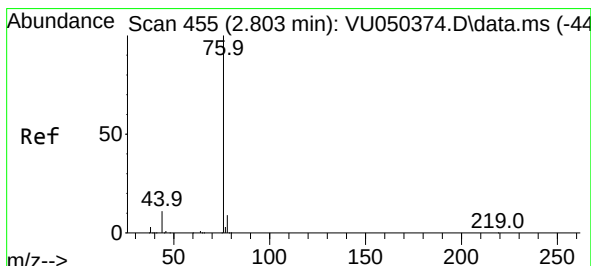
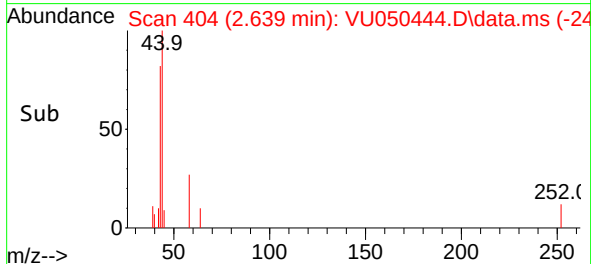
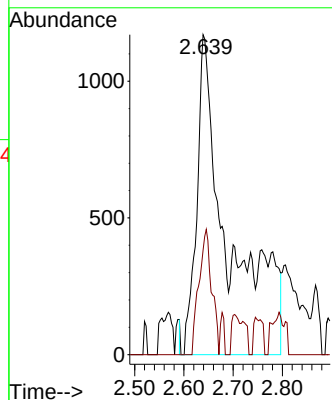
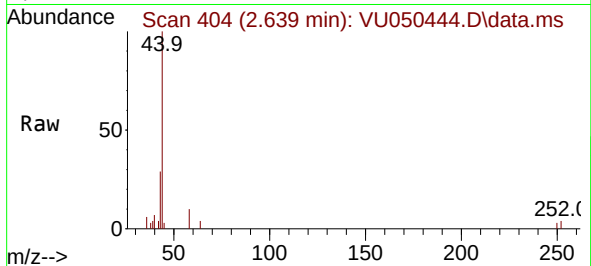




#13
Acetone
Concen: 2.569 ug/l m
RT: 2.639 min Scan# 404
Delta R.T. 0.013 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

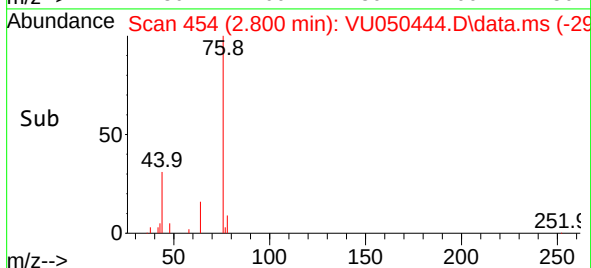
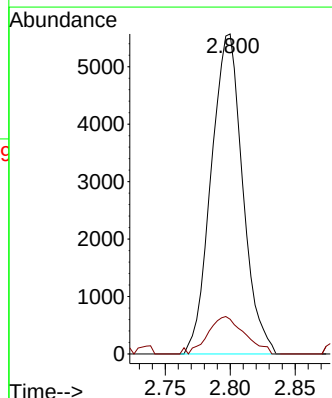
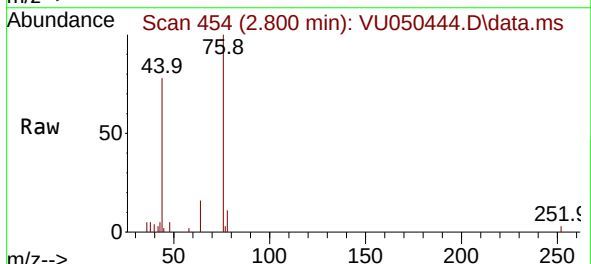
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

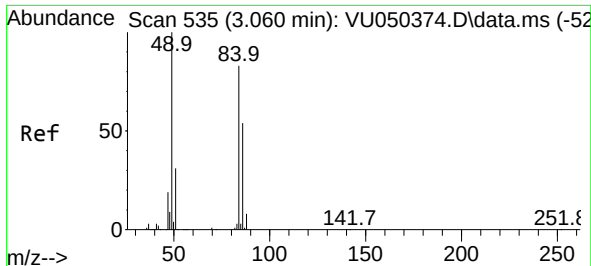
Tgt Ion: 43 Resp: 5247
Ion Ratio Lower Upper
43 100
58 32.6 26.2 39.2



#14
Carbon Disulfide
Concen: 0.311 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.010 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 76 Resp: 9385
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0

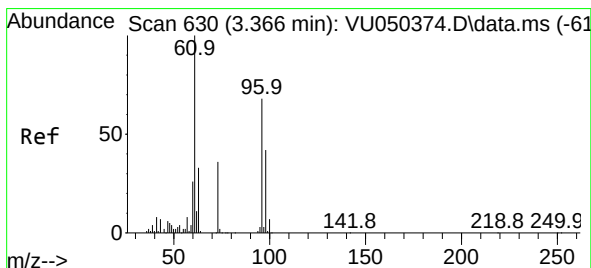
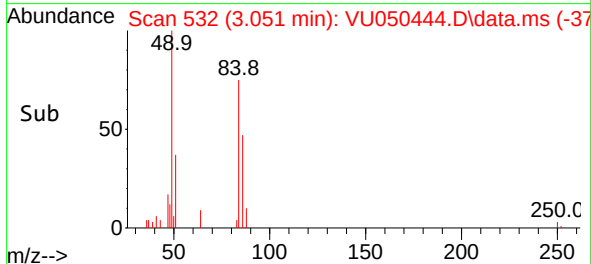
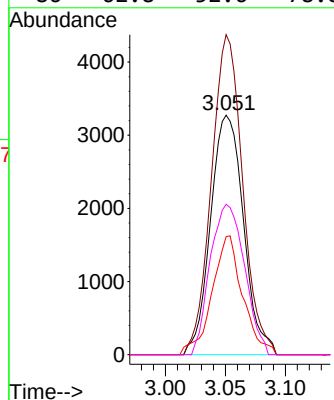
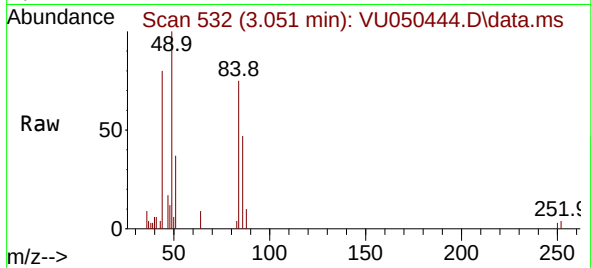




#15
Methylene Chloride
Concen: 0.476 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

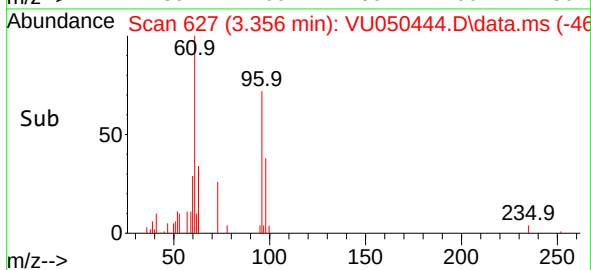
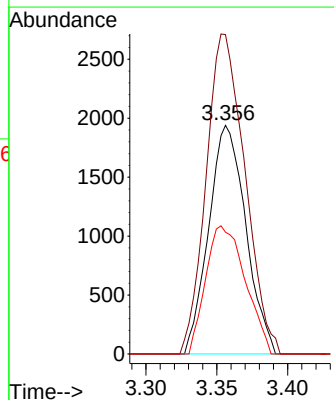
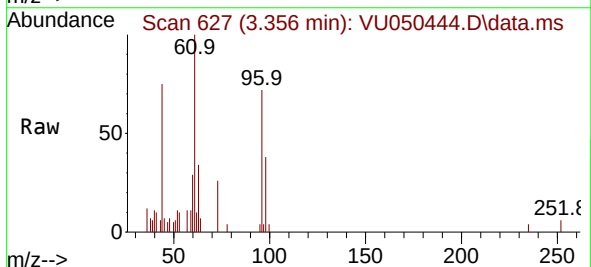
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

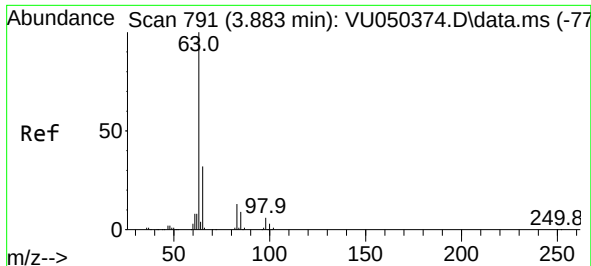
Tgt Ion:	84	Resp:	6265
Ion	Ratio	Lower	Upper
84	100		
49	133.6	104.6	157.0
51	49.2	0.0	81.4
86	62.8	52.6	78.8



#16
trans-1,2-Dichloroethene
Concen: 0.351 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.006 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion:	96	Resp:	3535
Ion	Ratio	Lower	Upper
96	100		
61	139.6	123.4	185.0
98	53.2	51.6	77.4





#17

1,1-Dichloroethane

Concen: 0.357 ug/l

RT: 3.883 min Scan# 791

Delta R.T. 0.019 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

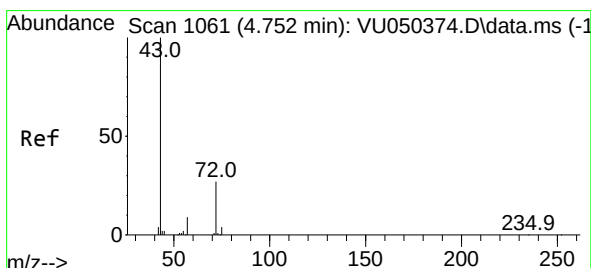
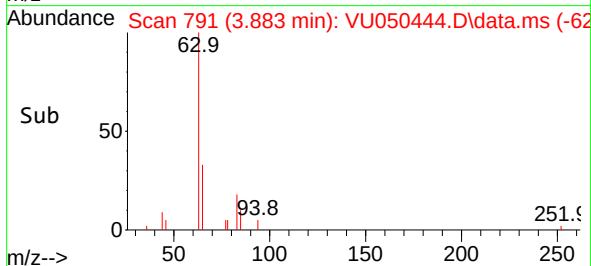
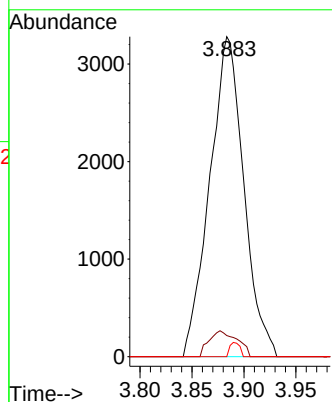
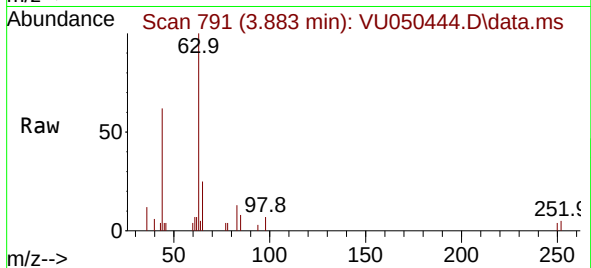
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:	63	Resp:	7476
Ion Ratio	Lower	Upper	
63	100		
98	6.6	3.4	10.2
100	0.0	2.0	6.0



#18

2-Butanone

Concen: 1.650 ug/l

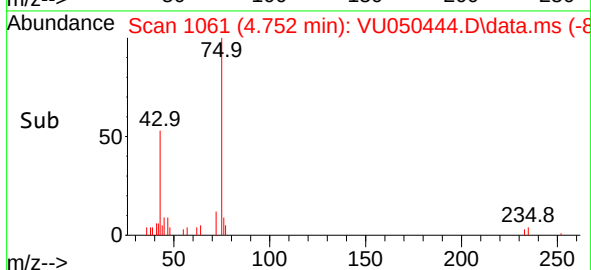
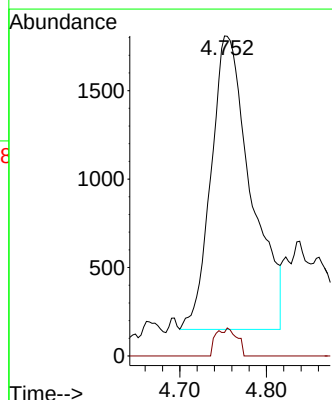
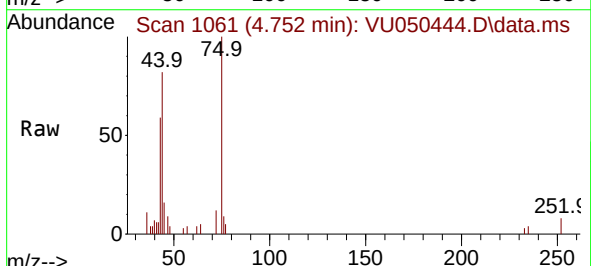
RT: 4.752 min Scan# 1061

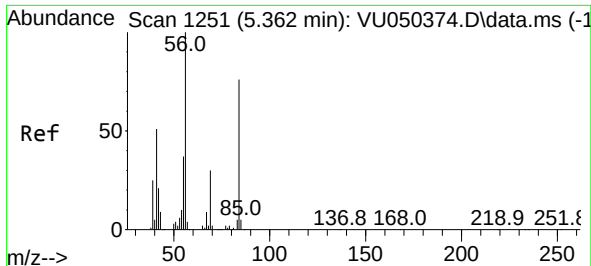
Delta R.T. 0.032 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Tgt Ion:	43	Resp:	5300
Ion Ratio	Lower	Upper	
43	100		
57	8.0	0.0	18.0

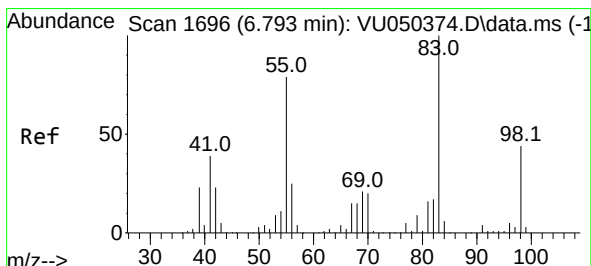
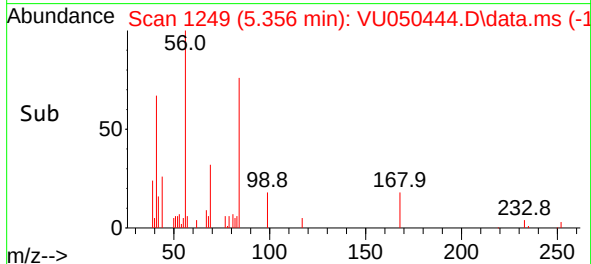
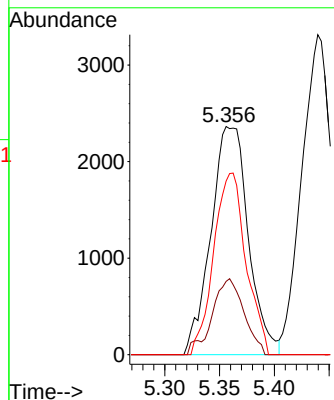
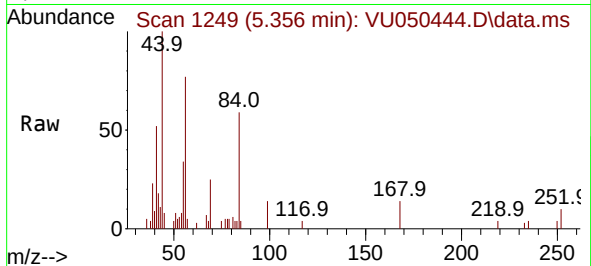




#19
Cyclohexane
Concen: 0.370 ug/l m
RT: 5.356 min Scan# 1249
Delta R.T. -0.029 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

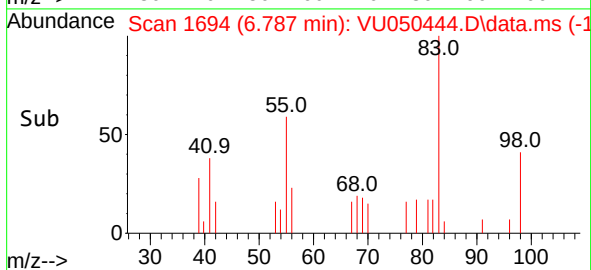
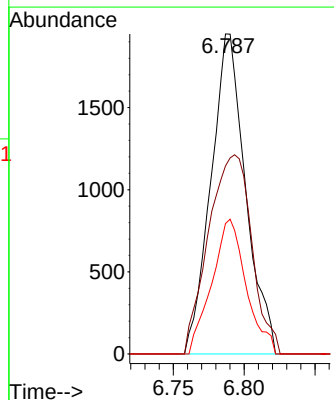
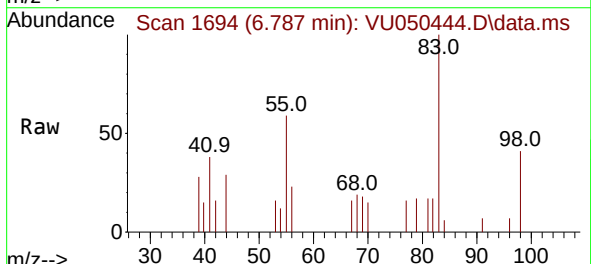
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

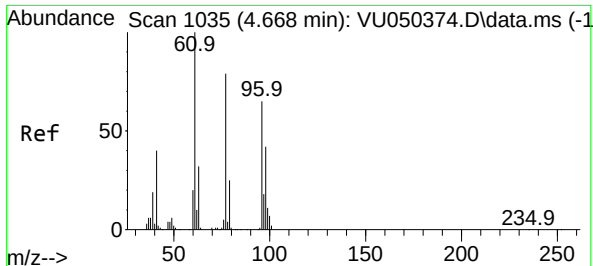
Tgt Ion: 56 Resp: 5633
Ion Ratio Lower Upper
56 100
69 28.3 24.2 36.4
84 68.5 63.4 95.2



#20
Methylcyclohexane
Concen: 0.276 ug/l
RT: 6.787 min Scan# 1694
Delta R.T. 0.026 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 83 Resp: 3313
Ion Ratio Lower Upper
83 100
55 77.9 63.0 94.4
98 41.8 35.7 53.5





#21

2,2-Dichloropropane

Concen: 0.340 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

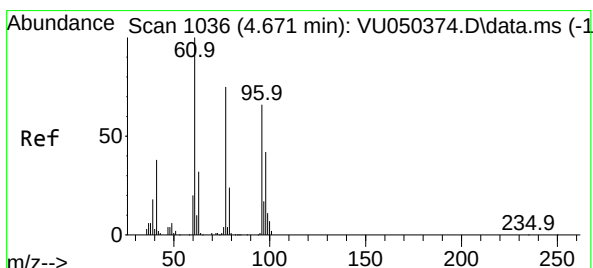
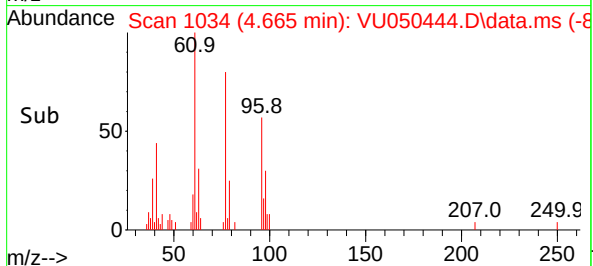
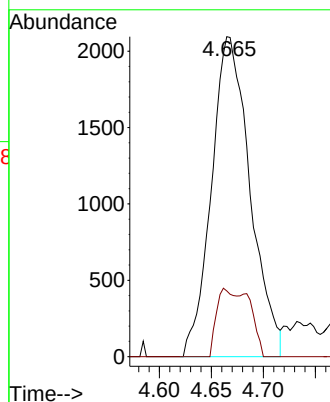
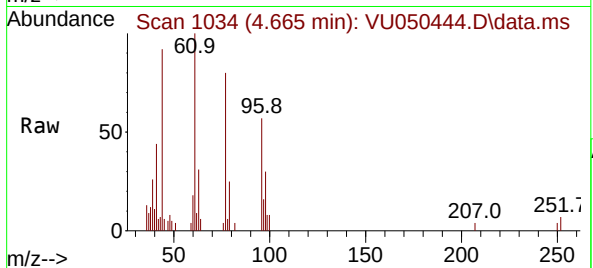
MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 5416

Ion Ratio Lower Upper

77 100

97 10.5 18.5 27.7#



#22

cis-1,2-Dichloroethene

Concen: 0.361 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

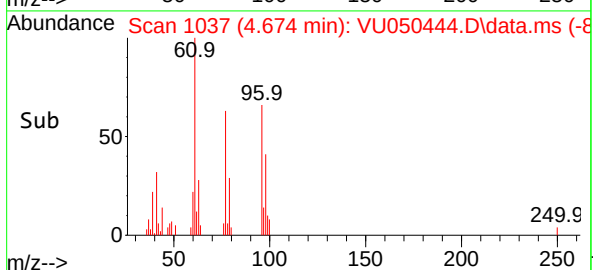
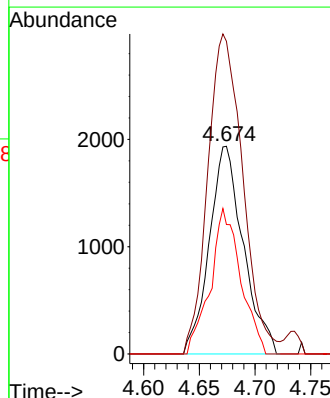
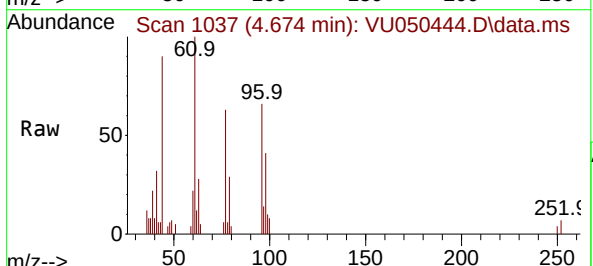
Tgt Ion: 96 Resp: 4106

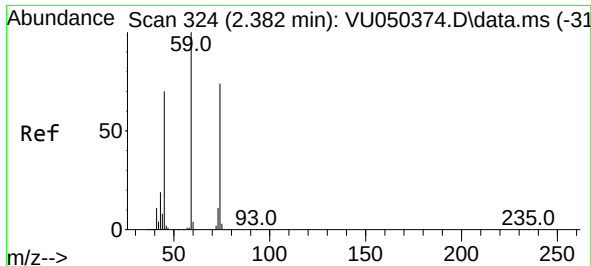
Ion Ratio Lower Upper

96 100

61 159.1 0.0 375.8

98 62.5 31.6 95.0

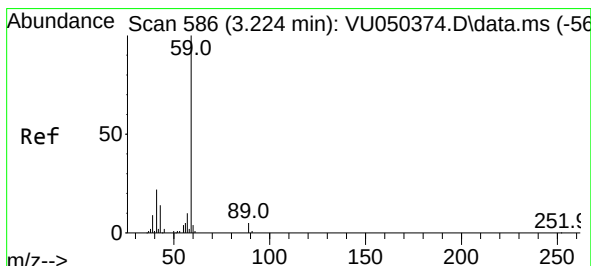
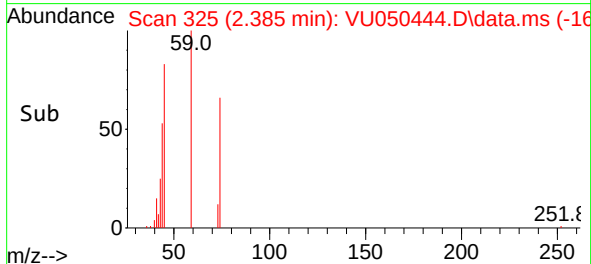
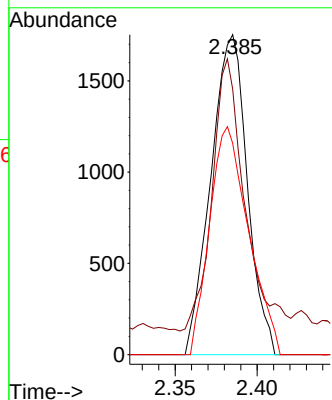
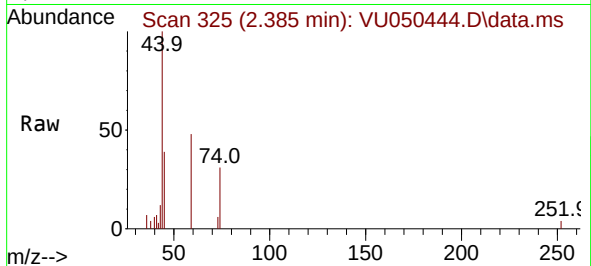




#23
Diethyl Ether
Concen: 0.323 ug/l
RT: 2.385 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

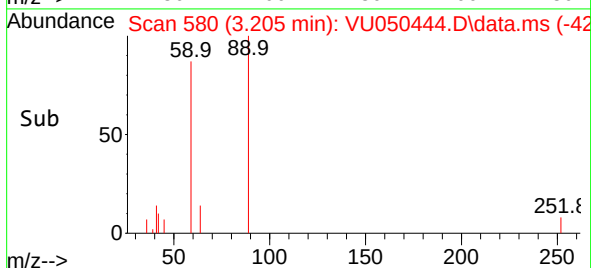
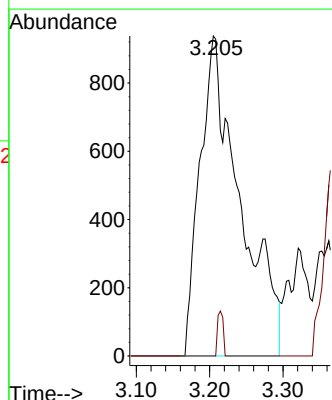
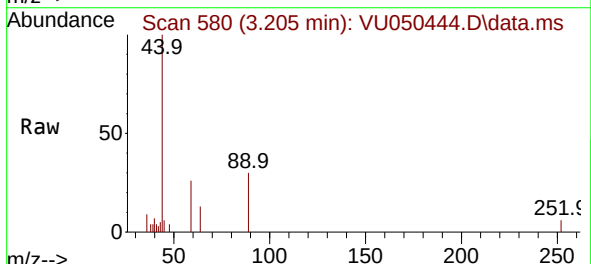
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

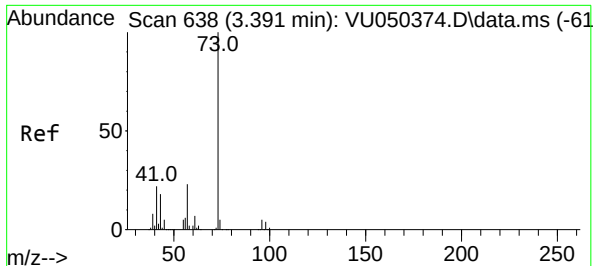
Tgt Ion: 59 Resp: 2700
Ion Ratio Lower Upper
59 100
45 76.2 56.0 84.0
74 76.2 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 3.357 ug/l m
RT: 3.205 min Scan# 580
Delta R.T. 0.010 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 59 Resp: 3553
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

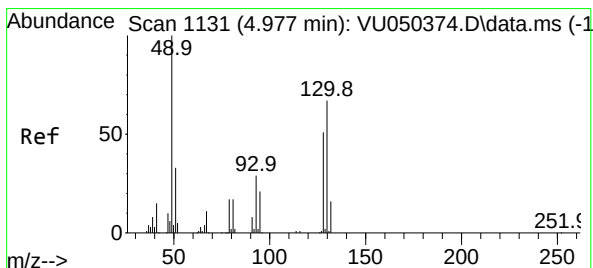
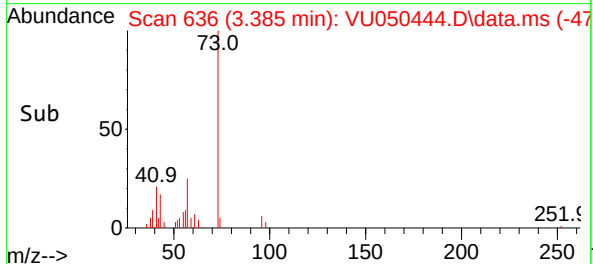
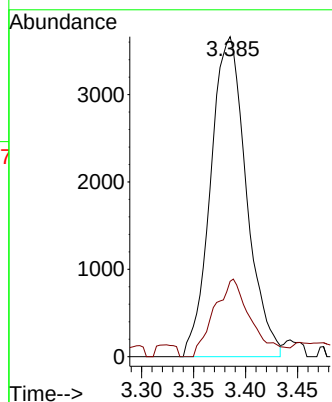
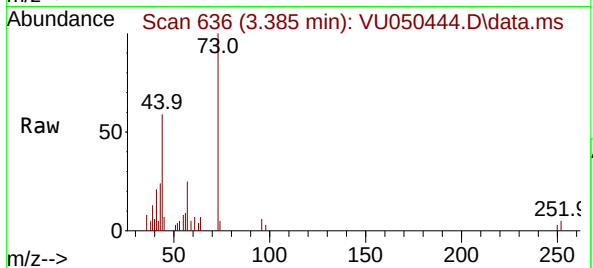




#25
Methyl tert-Butyl Ether
Concen: 0.339 ug/l
RT: 3.385 min Scan# 61
Delta R.T. 0.016 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

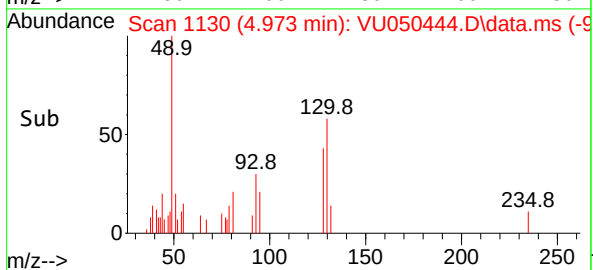
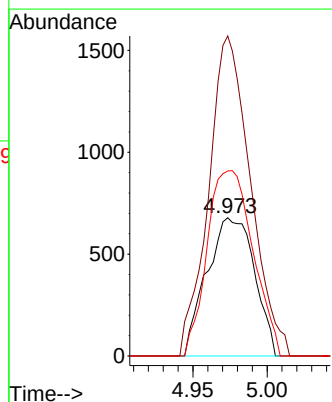
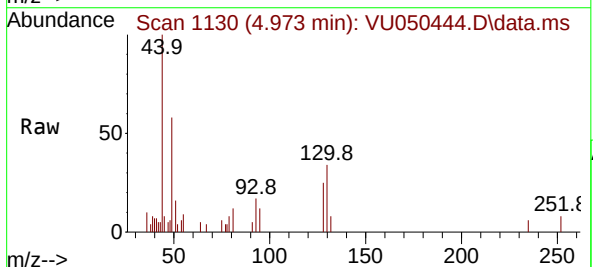
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

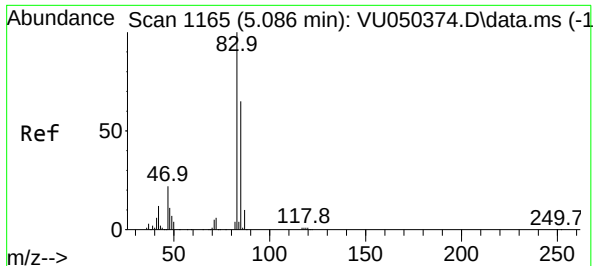
Tgt Ion: 73 Resp: 8770
Ion Ratio Lower Upper
73 100
43 25.2 15.9 23.9#



#26
Bromochloromethane
Concen: 0.331 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 128 Resp: 1513
Ion Ratio Lower Upper
128 100
49 203.7 0.0 349.2
130 129.1 103.0 154.6





#27

Chloroform

Concen: 0.368 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

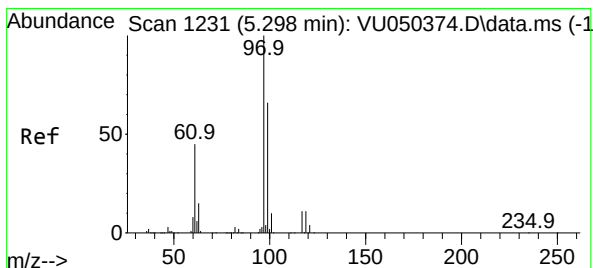
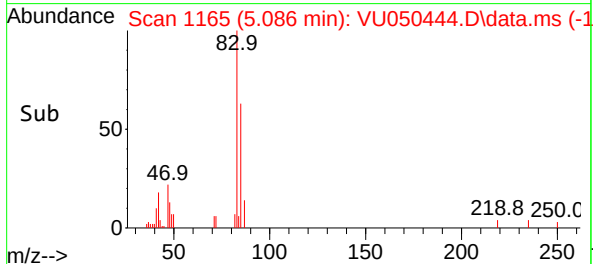
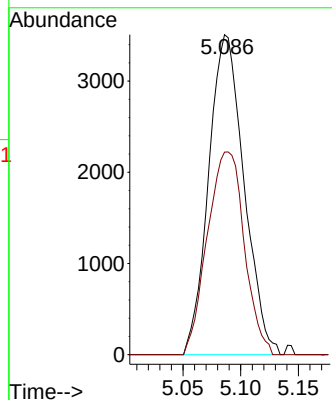
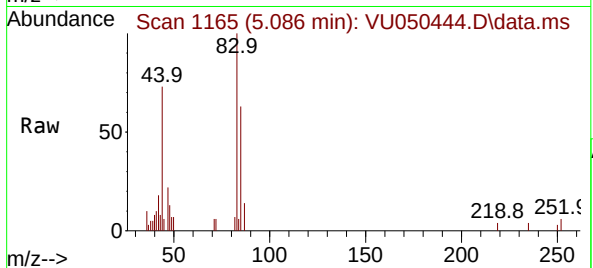
MDL-WATER-03-QT3-2022

Tgt Ion: 83 Resp: 7472

Ion Ratio Lower Upper

83 100

85 63.3 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.310 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.019 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

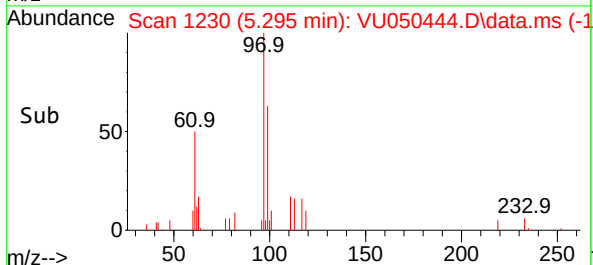
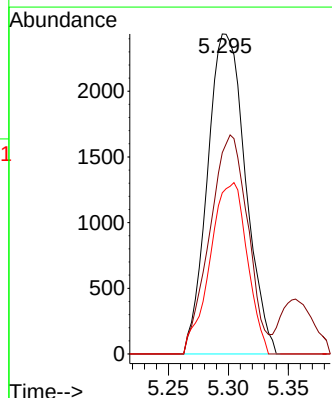
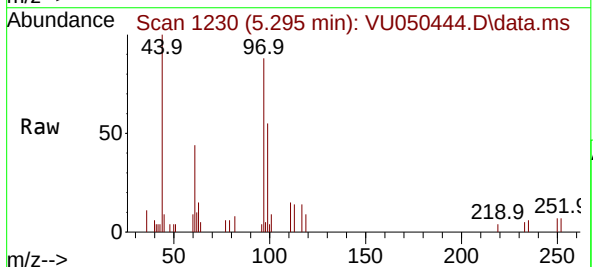
Tgt Ion: 97 Resp: 5377

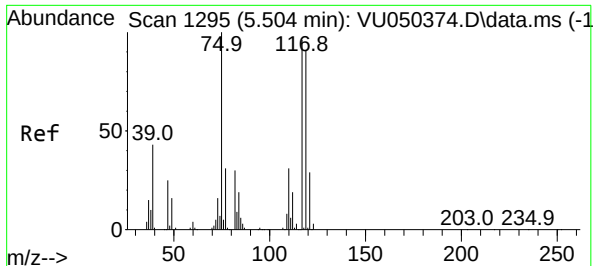
Ion Ratio Lower Upper

97 100

99 68.4 32.1 96.5

61 52.2 21.8 65.4

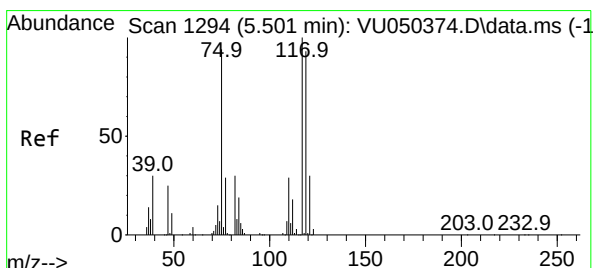
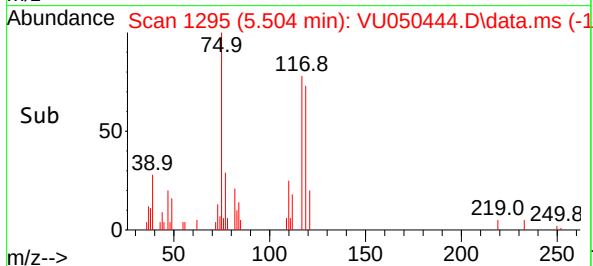
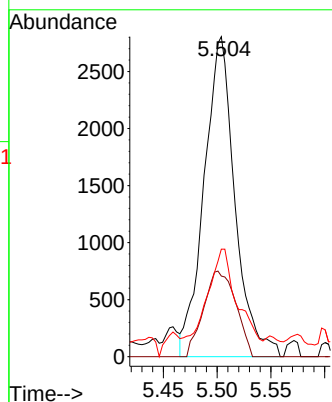
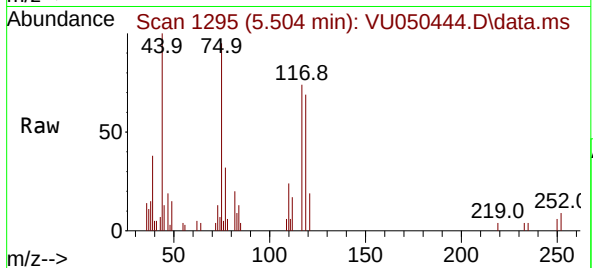




#29
1,1-Dichloropropene
Concen: 0.403 ug/l
RT: 5.504 min Scan# 1295
Delta R.T. -0.019 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

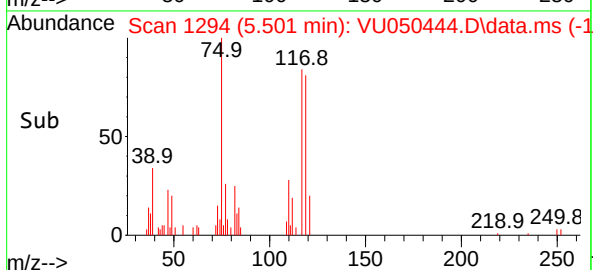
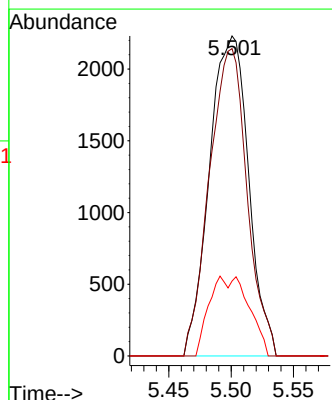
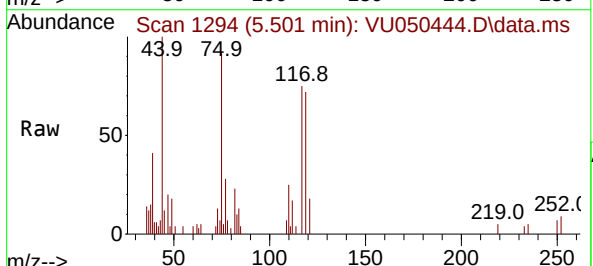
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

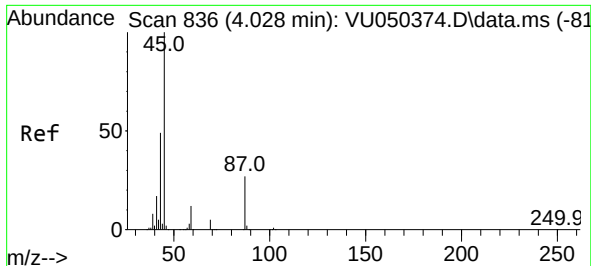
Tgt Ion:	75	Resp:	5601
Ion Ratio	Lower	Upper	
75	100		
110	27.9	17.3	52.0
77	28.7	24.6	37.0



#30
Carbon Tetrachloride
Concen: 0.352 ug/l
RT: 5.501 min Scan# 1294
Delta R.T. -0.019 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion:	117	Resp:	4877
Ion Ratio	Lower	Upper	
117	100		
119	96.1	74.6	112.0
121	23.4	24.2	36.4

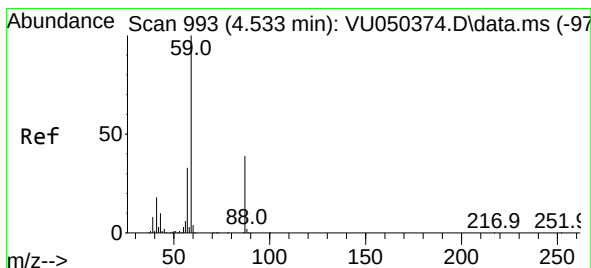
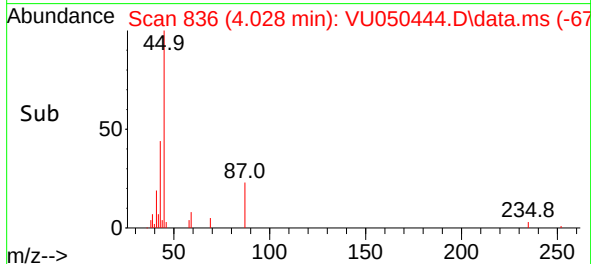
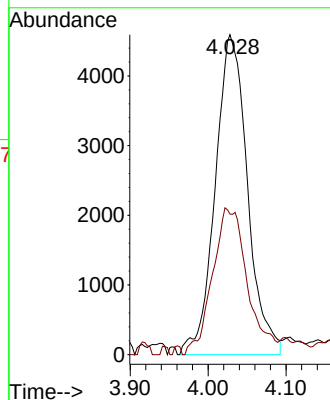
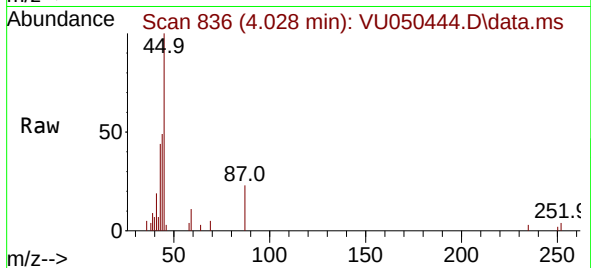




#31
Isopropyl Ether
Concen: 0.406 ug/l
RT: 4.028 min Scan# 836
Delta R.T. 0.026 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

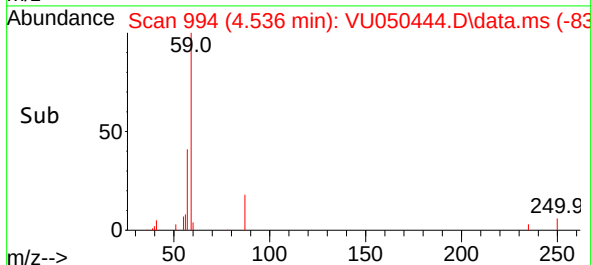
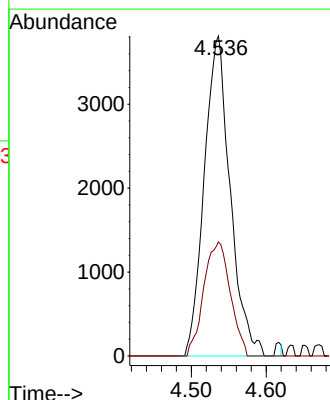
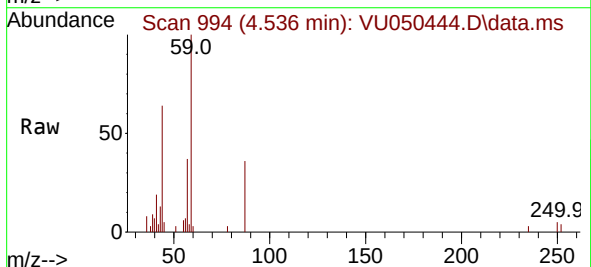
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

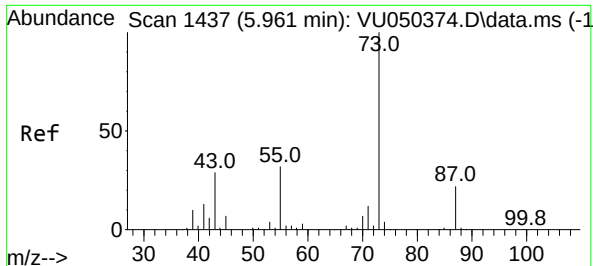
Tgt Ion: 45 Resp: 13202
Ion Ratio Lower Upper
45 100
43 49.5 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.362 ug/l m
RT: 4.536 min Scan# 994
Delta R.T. 0.023 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 59 Resp: 9239
Ion Ratio Lower Upper
59 100
87 36.0 32.5 48.7

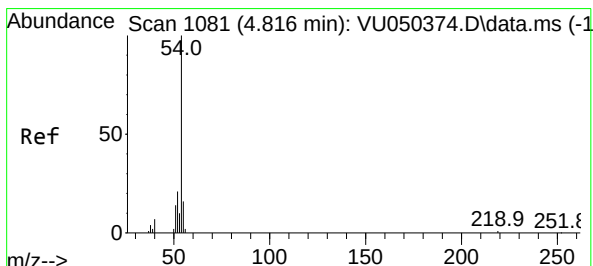
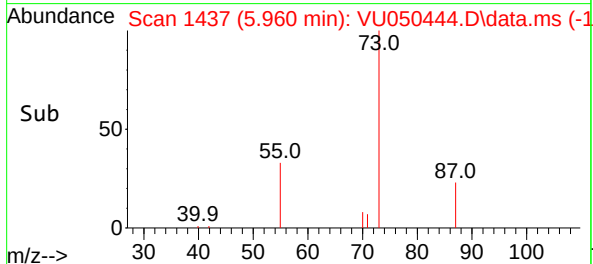
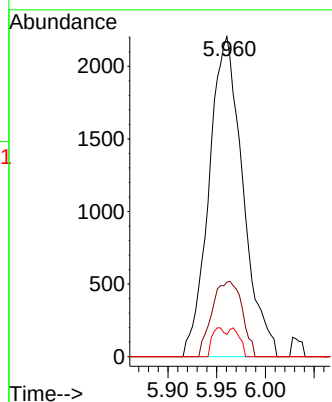
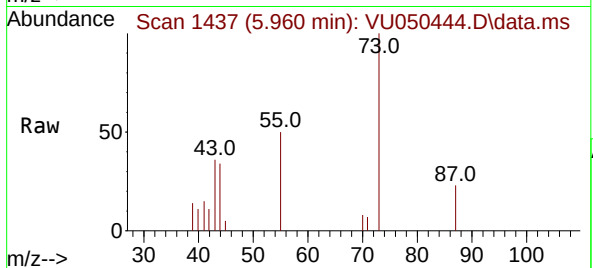




#33
Tert-Amyl methyl ether
Concen: 0.319 ug/l
RT: 5.960 min Scan# 1437
Delta R.T. 0.013 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

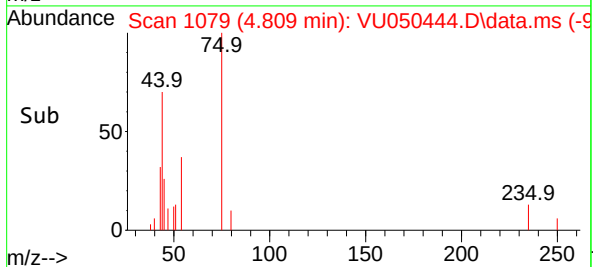
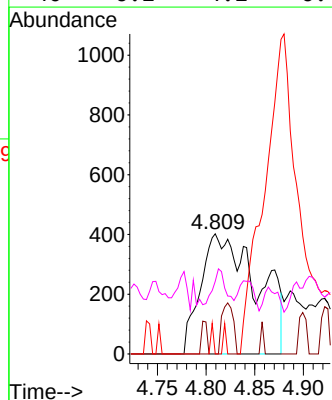
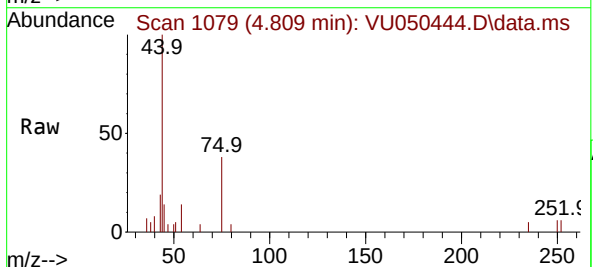
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

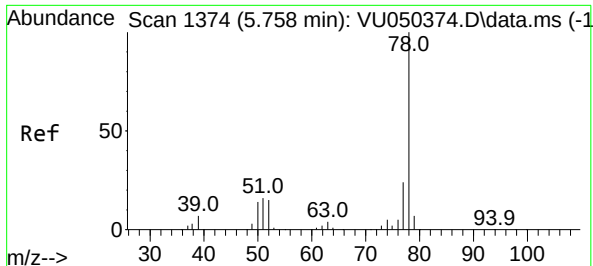
Tgt Ion:	73	Resp:	5310
Ion	Ratio	Lower	Upper
73	100		
87	20.9	19.7	29.5
71	3.7	9.0	13.4#



#34
Propionitrile
Concen: 1.714 ug/l m
RT: 4.809 min Scan# 1079
Delta R.T. 0.023 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion:	54	Resp:	1626
Ion	Ratio	Lower	Upper
54	100		
52	8.5	15.0	22.6#
55	0.0	12.6	19.0#
40	6.2	4.2	6.4

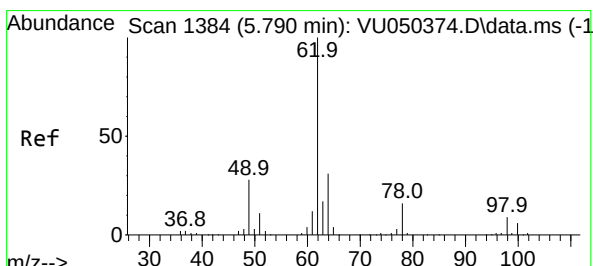
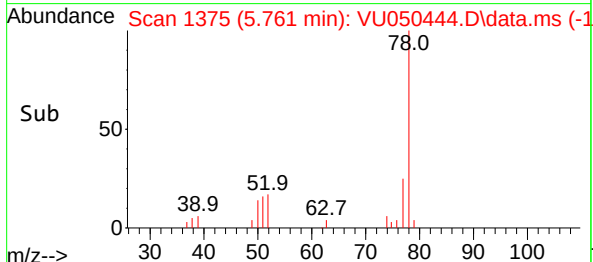
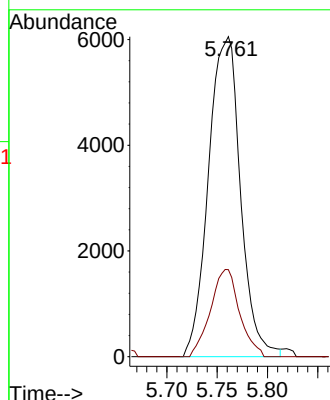
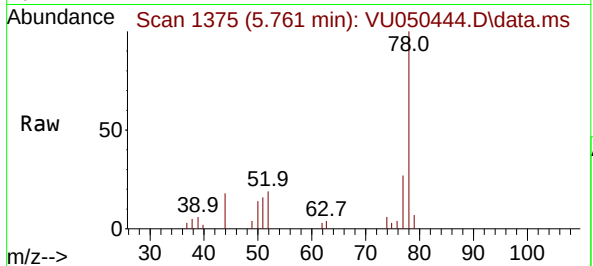




#35
Benzene
Concen: 0.328 ug/l
RT: 5.761 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

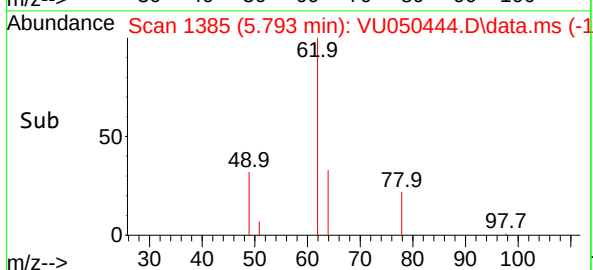
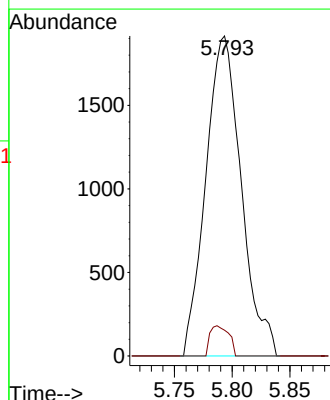
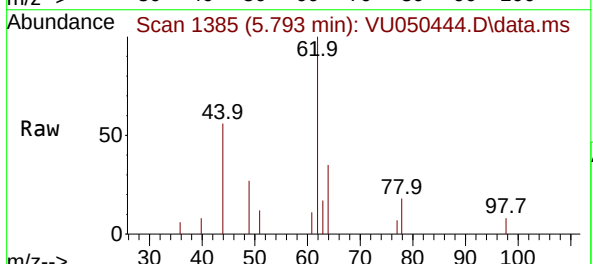
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

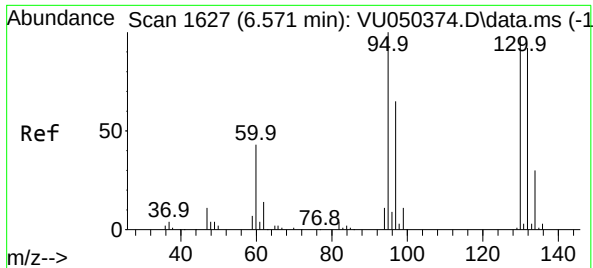
Tgt Ion: 78 Resp: 13389
Ion Ratio Lower Upper
78 100
77 27.2 18.6 28.0



#36
1,2-Dichloroethane
Concen: 0.328 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 62 Resp: 4085
Ion Ratio Lower Upper
62 100
98 5.0 7.4 11.0#

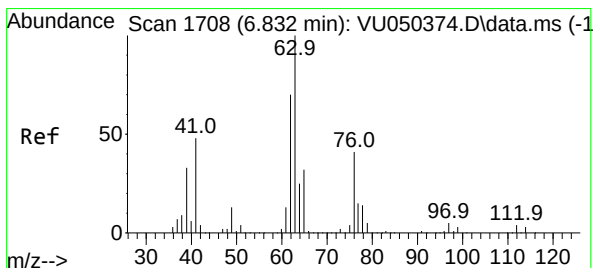
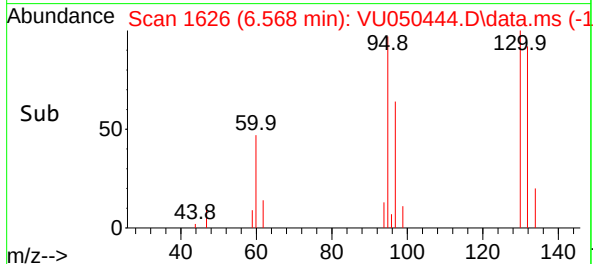
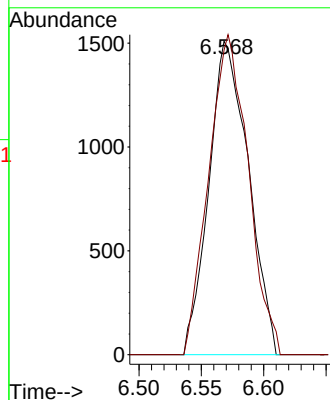
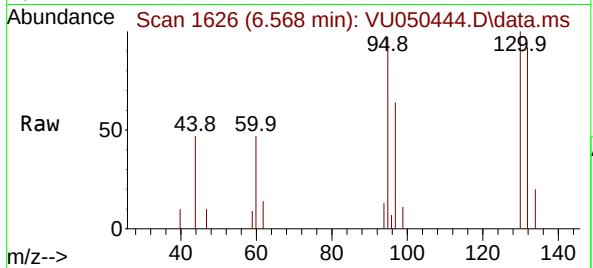




#37
Trichloroethene
Concen: 0.341 ug/l
RT: 6.568 min Scan# 1
Delta R.T. 0.026 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

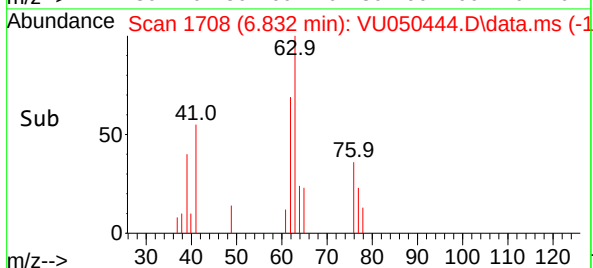
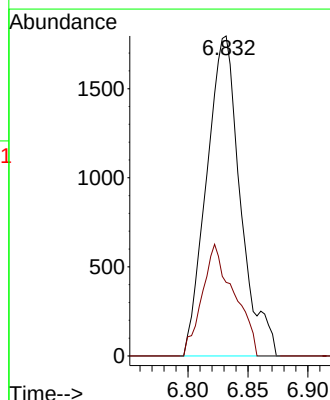
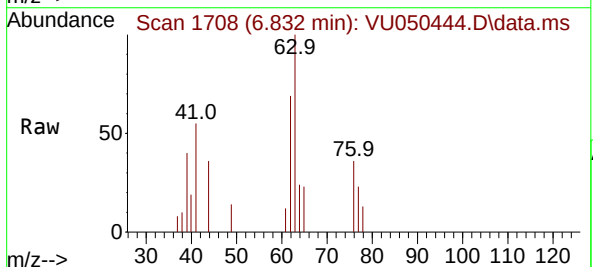
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

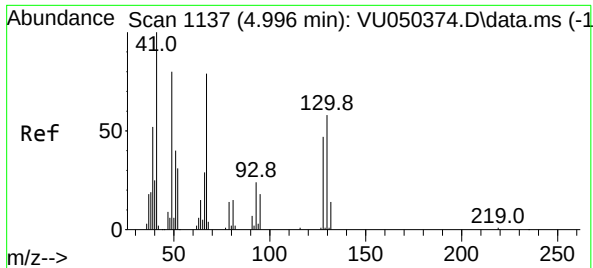
Tgt Ion:130 Resp: 3331
Ion Ratio Lower Upper
130 100
95 97.2 83.8 125.8



#38
1,2-Dichloropropane
Concen: 0.321 ug/l
RT: 6.832 min Scan# 1708
Delta R.T. 0.039 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 63 Resp: 3513
Ion Ratio Lower Upper
63 100
65 23.0 25.0 37.4#

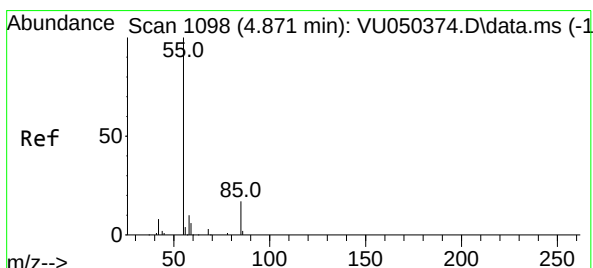
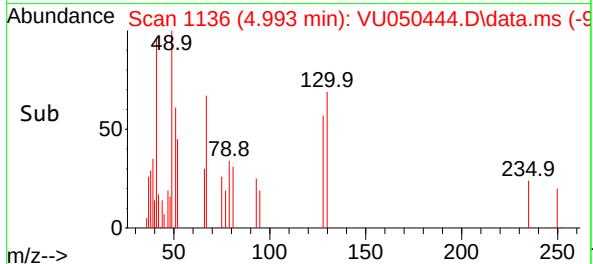
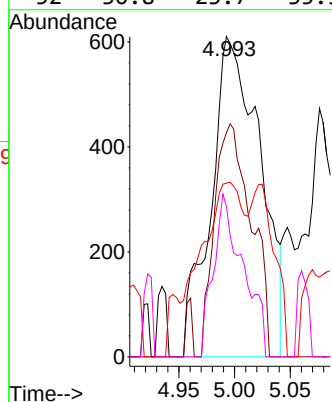
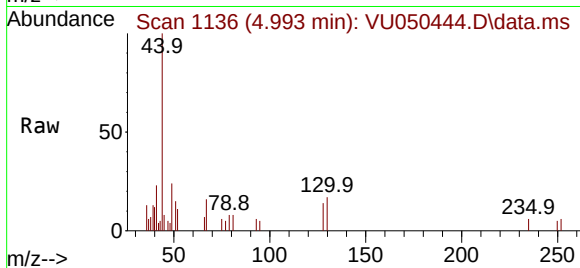




#39
Methacrylonitrile
Concen: 0.482 ug/l
RT: 4.993 min Scan# 1137
Delta R.T. 0.010 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

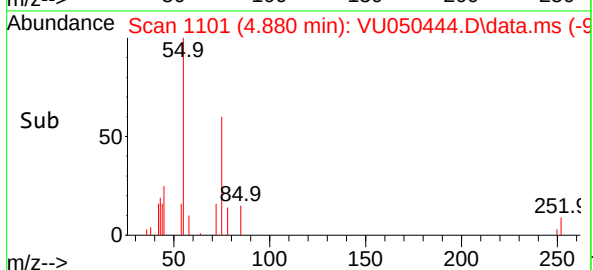
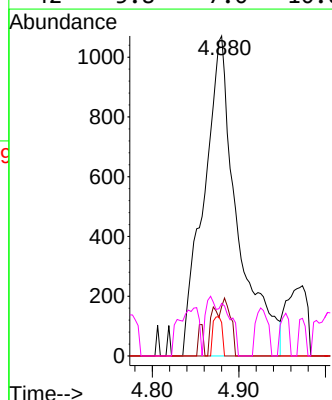
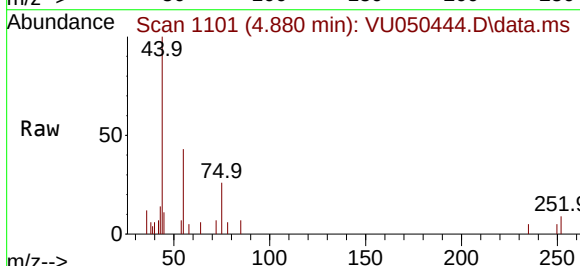
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

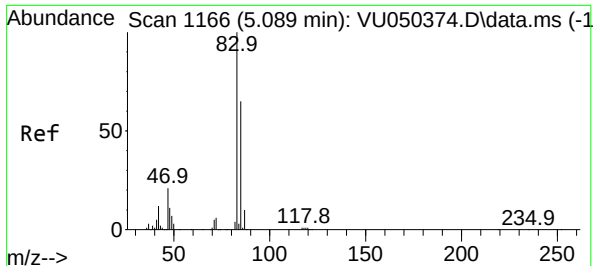
Tgt Ion:	41	Resp:	1877
Ion	Ratio	Lower	Upper
41	100		
67	54.3	59.4	89.0#
39	28.4	42.2	63.2#
52	30.8	23.7	35.5



#40
Methyl acrylate
Concen: 0.484 ug/l
RT: 4.880 min Scan# 1101
Delta R.T. 0.026 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion:	55	Resp:	2873
Ion	Ratio	Lower	Upper
55	100		
85	5.2	13.5	20.3#
58	3.3	7.0	10.4#
42	5.8	7.0	10.6#





#41

Tetrahydrofuran

Concen: 1.631 ug/l m

RT: 5.099 min Scan# 1166

Delta R.T. 0.032 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

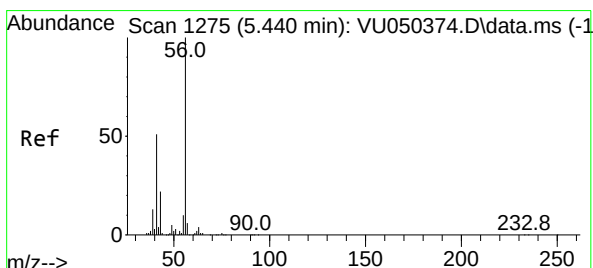
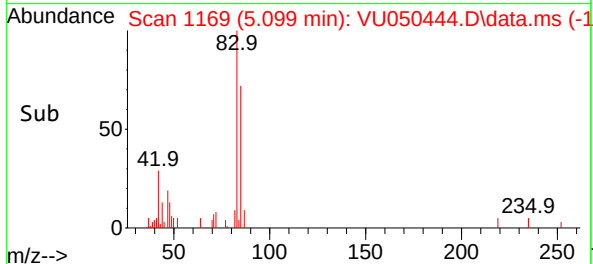
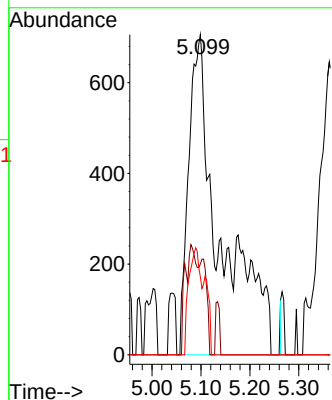
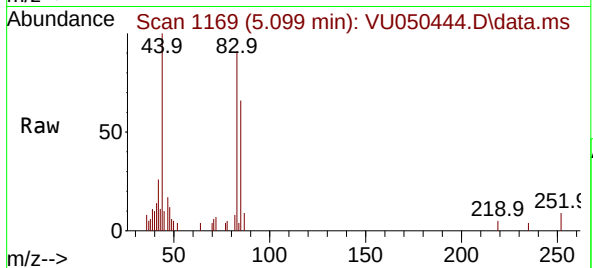
Tgt Ion: 42 Resp: 3180

Ion Ratio Lower Upper

42 100

72 4.2 38.9 58.3#

71 0.0 33.7 50.5#



#42

1-Chlorobutane

Concen: 0.346 ug/l

RT: 5.440 min Scan# 1275

Delta R.T. -0.016 min

Lab File: VU050444.D

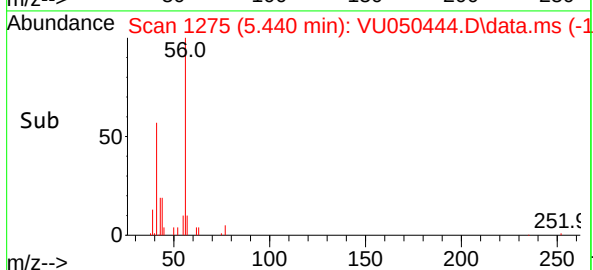
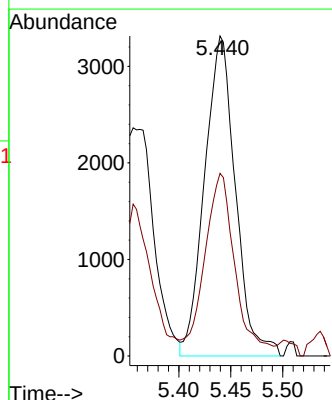
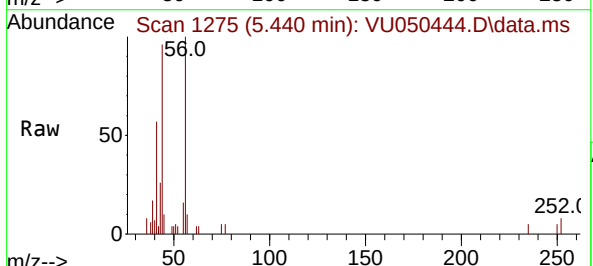
Acq: 25 Aug 2022 13:54

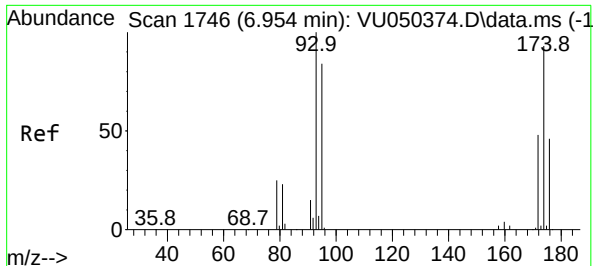
Tgt Ion: 56 Resp: 6836

Ion Ratio Lower Upper

56 100

41 56.4 26.4 79.2

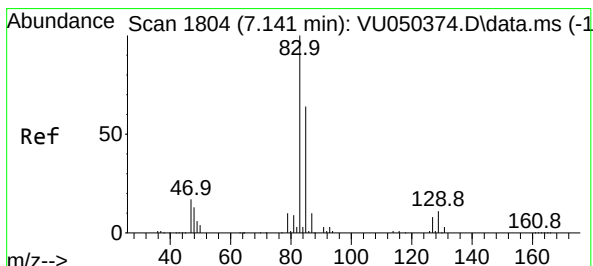
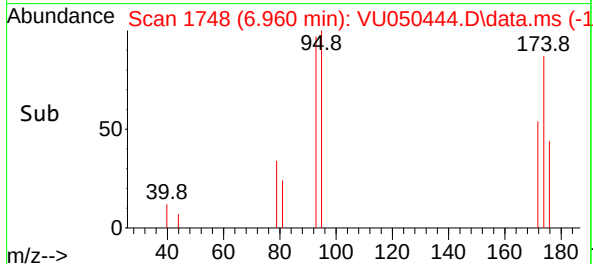
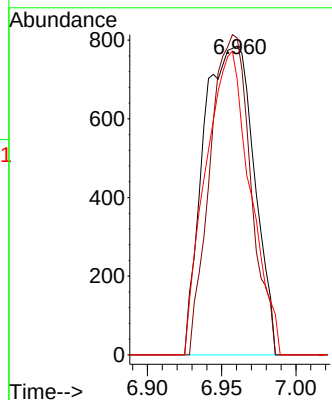
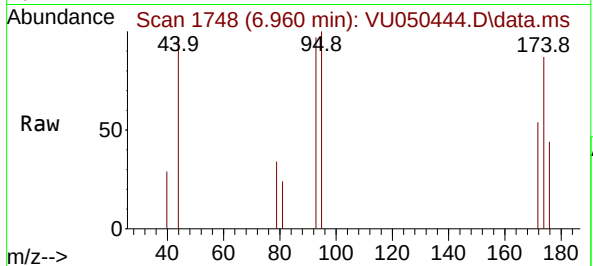




#43
Dibromomethane
Concen: 0.315 ug/l
RT: 6.960 min Scan# 11
Delta R.T. 0.042 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

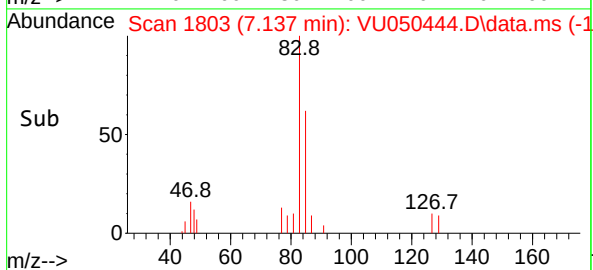
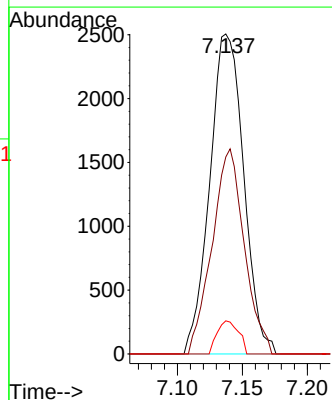
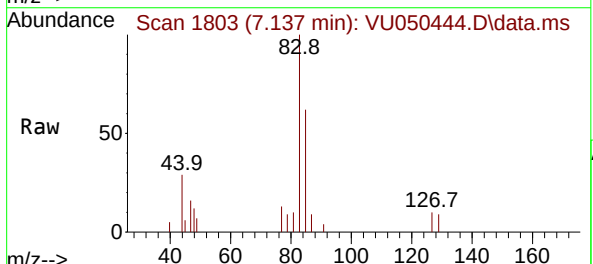
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

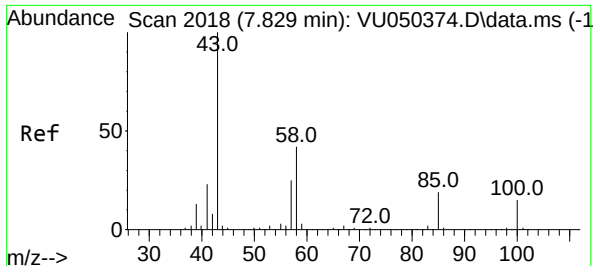
Tgt Ion: 93 Resp: 1859
Ion Ratio Lower Upper
93 100
95 83.3 65.0 97.6
174 86.9 76.3 114.5



#44
Bromodichloromethane
Concen: 0.327 ug/l
RT: 7.137 min Scan# 1803
Delta R.T. 0.029 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 83 Resp: 4556
Ion Ratio Lower Upper
83 100
85 61.5 49.4 74.0
127 10.3 6.6 10.0#





#45

4-Methyl-2-Pentanone

Concen: 1.453 ug/l

RT: 7.835 min Scan# 2018

Delta R.T. 0.039 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

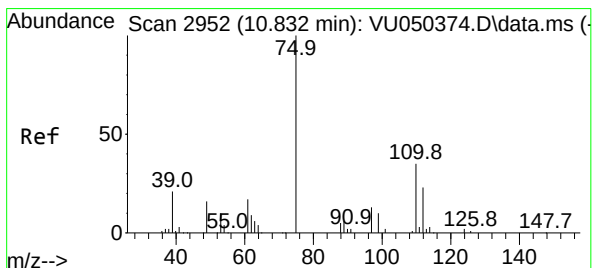
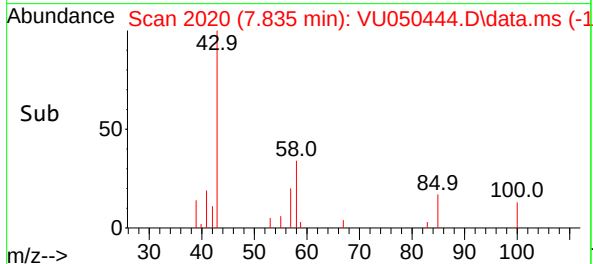
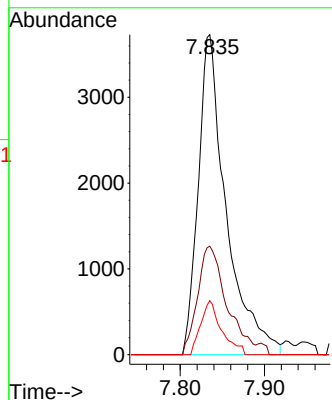
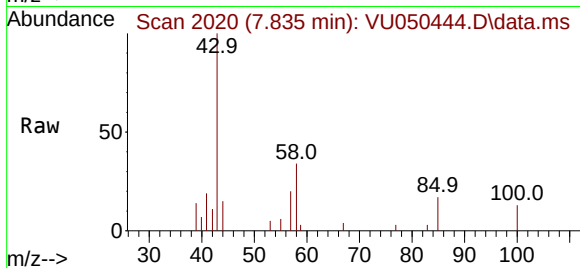
Tgt Ion: 43 Resp: 8610

Ion Ratio Lower Upper

43 100

58 35.3 20.3 61.0

85 12.6 14.6 21.8#



#46

t-1,4-Dichloro-2-butene

Concen: 1.065 ug/l m

RT: 10.832 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Tgt Ion: 75 Resp: 1968

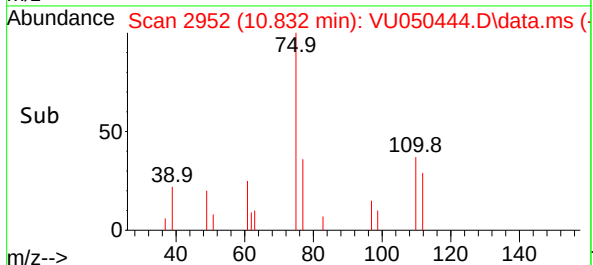
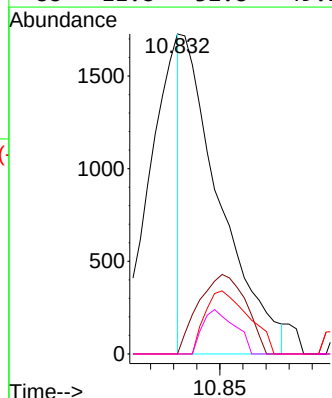
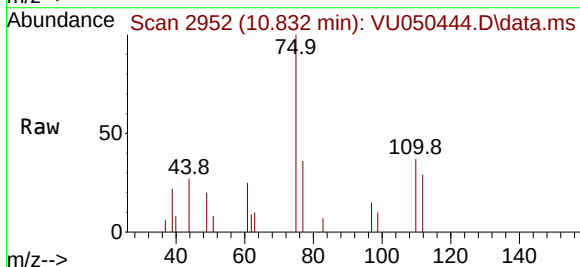
Ion Ratio Lower Upper

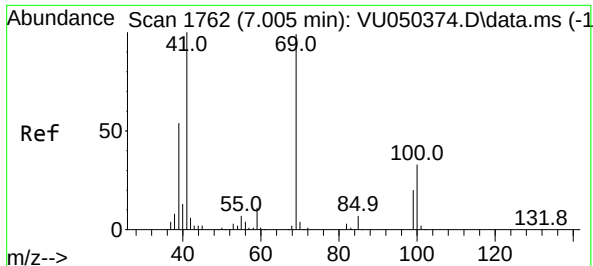
75 100

53 30.9 64.4 96.6#

89 22.7 44.2 66.2#

88 11.8 32.8 49.2#





#47

Methyl methacrylate

Concen: 1.358 ug/l

RT: 7.009 min Scan# 1

Delta R.T. 0.042 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 69 Resp: 2004

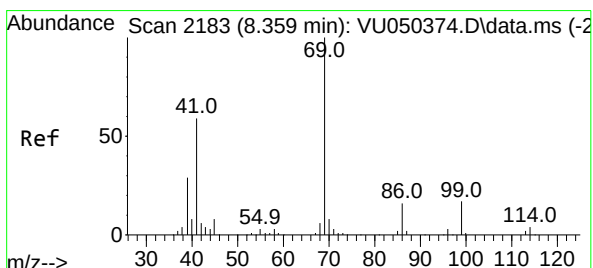
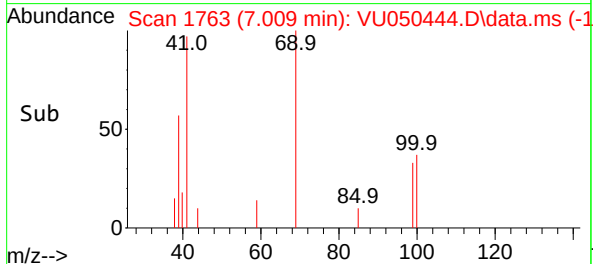
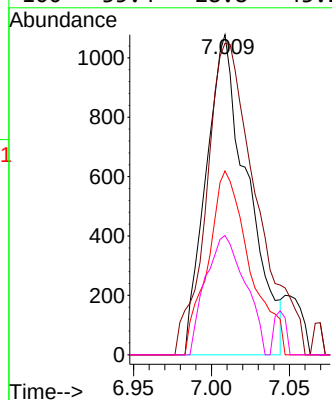
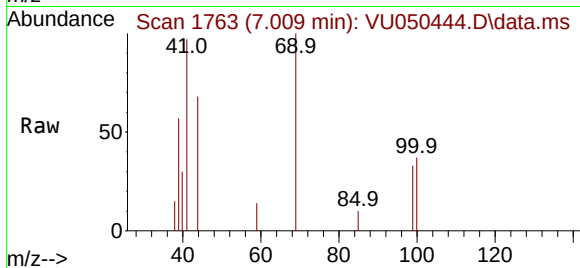
Ion Ratio Lower Upper

69 100

41 117.0 0.0 225.4

39 57.5 45.8 68.8

100 35.4 28.8 43.2



#48

Ethyl methacrylate

Concen: 0.713 ug/l

RT: 8.359 min Scan# 2183

Delta R.T. 0.023 min

Lab File: VU050444.D

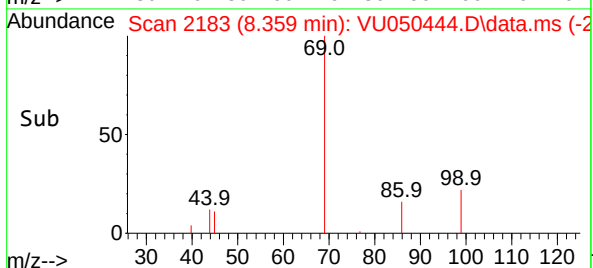
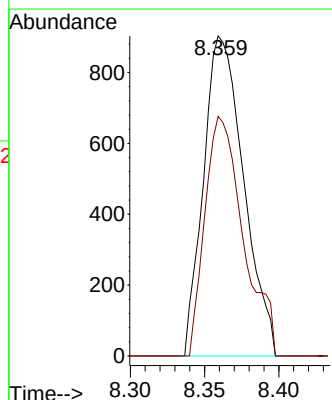
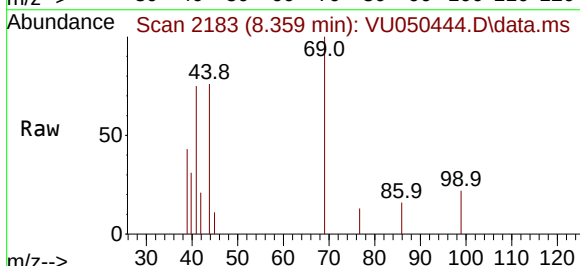
Acq: 25 Aug 2022 13:54

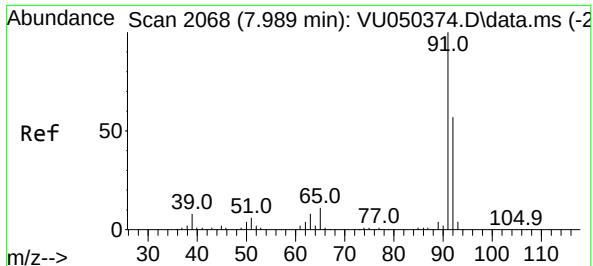
Tgt Ion: 69 Resp: 1698

Ion Ratio Lower Upper

69 100

41 71.6 32.3 96.9





#49

Toluene

Concen: 0.245 ug/l

RT: 7.986 min Scan# 2067

Delta R.T. 0.016 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

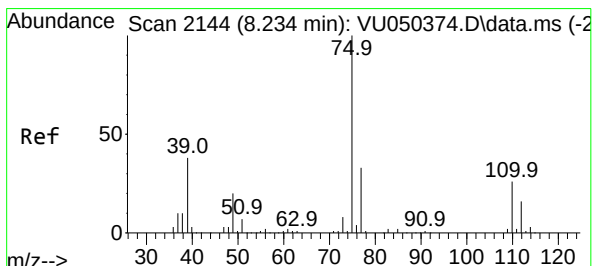
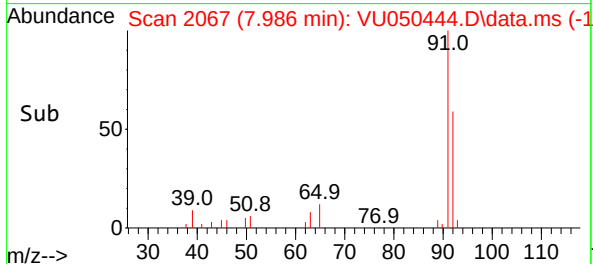
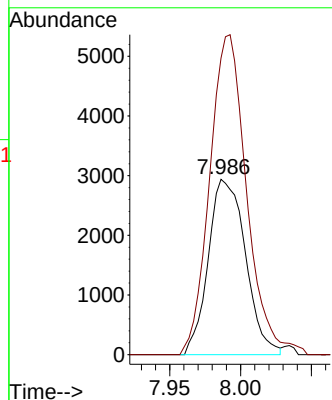
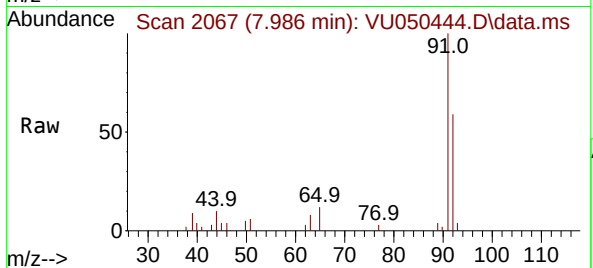
MDL-WATER-03-QT3-2022

Tgt Ion: 92 Resp: 5367

Ion Ratio Lower Upper

92 100

91 181.4 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.275 ug/l

RT: 8.237 min Scan# 2145

Delta R.T. 0.026 min

Lab File: VU050444.D

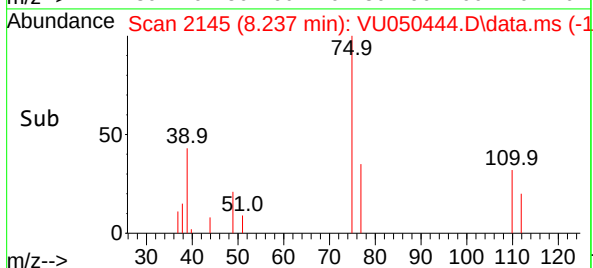
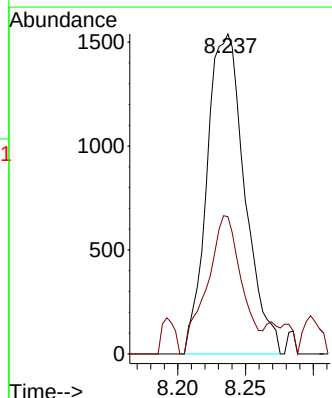
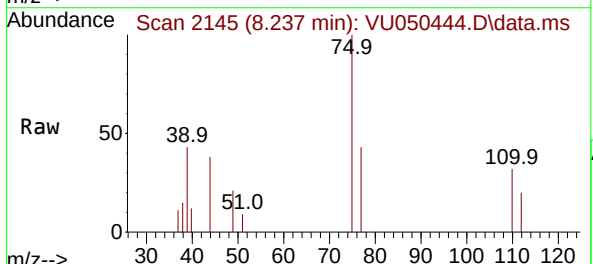
Acq: 25 Aug 2022 13:54

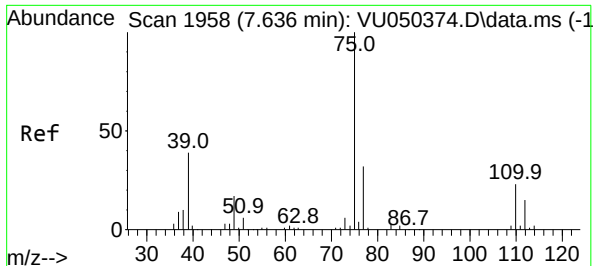
Tgt Ion: 75 Resp: 2988

Ion Ratio Lower Upper

75 100

77 42.9 24.7 37.1#





#51

cis-1,3-Dichloropropene

Concen: 0.290 ug/l

RT: 7.636 min Scan# 1958

Delta R.T. 0.026 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

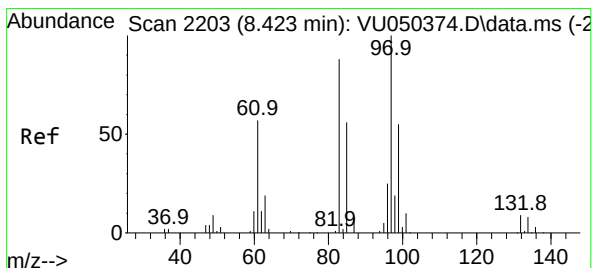
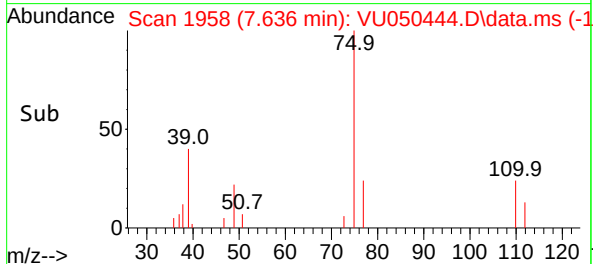
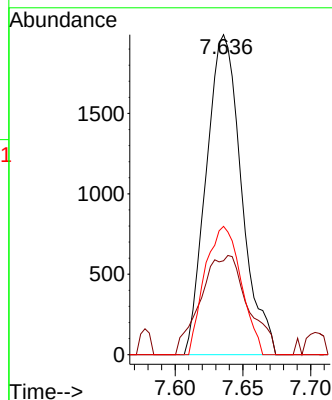
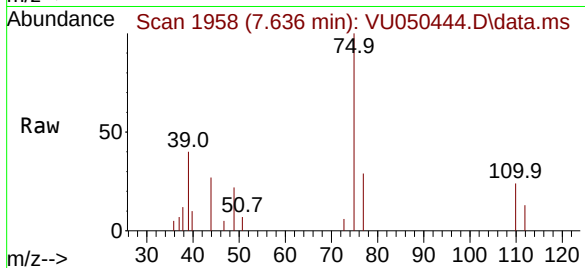
Tgt Ion: 75 Resp: 3601

Ion Ratio Lower Upper

75 100

77 29.3 25.4 38.0

39 40.1 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 0.334 ug/l

RT: 8.420 min Scan# 2202

Delta R.T. 0.019 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Tgt Ion: 97 Resp: 2896

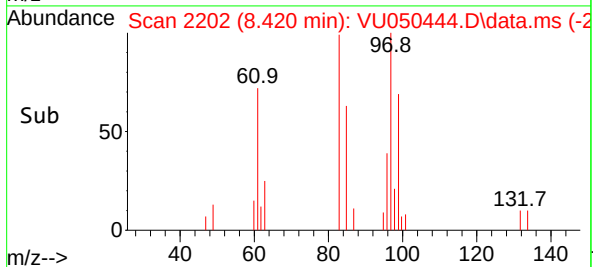
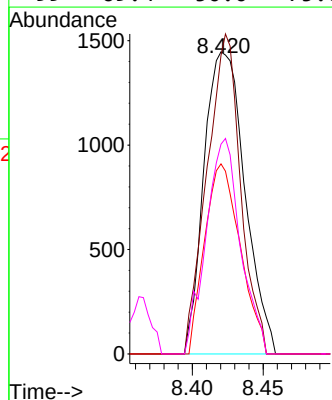
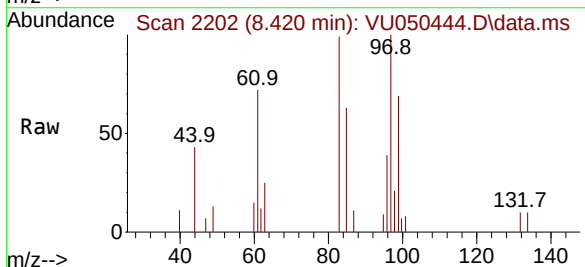
Ion Ratio Lower Upper

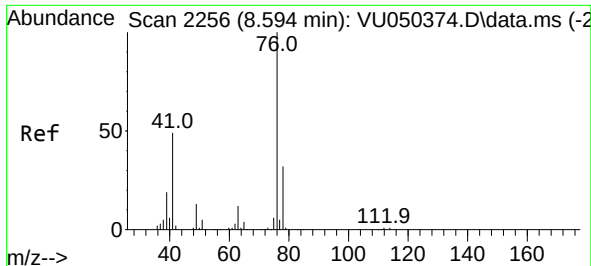
97 100

83 98.8 70.6 106.0

85 62.9 46.2 69.4

99 69.4 50.0 75.0





#53

1,3-Dichloropropane

Concen: 0.297 ug/l

RT: 8.594 min Scan# 21

Delta R.T. 0.016 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

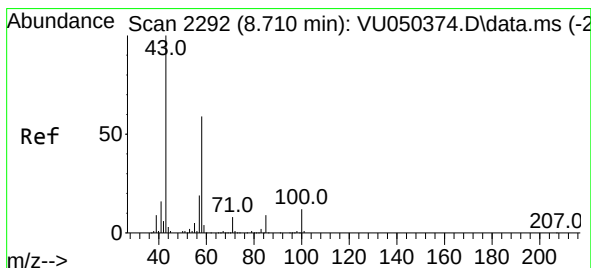
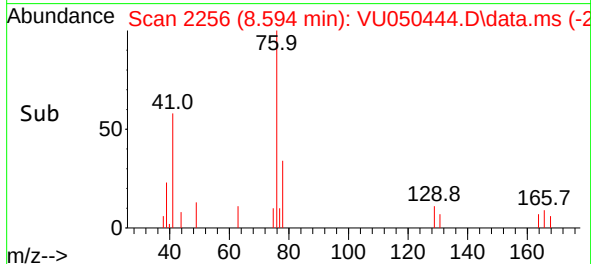
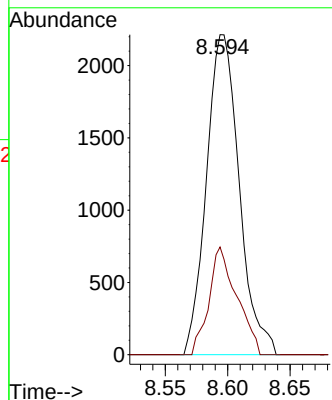
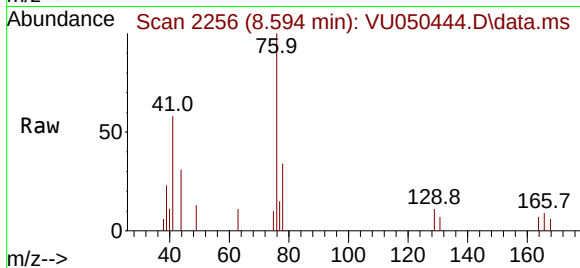
MDL-WATER-03-QT3-2022

Tgt Ion: 76 Resp: 4054

Ion Ratio Lower Upper

76 100

78 28.6 26.0 39.0



#54

2-Hexanone

Concen: 1.383 ug/l

RT: 8.722 min Scan# 2296

Delta R.T. 0.032 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

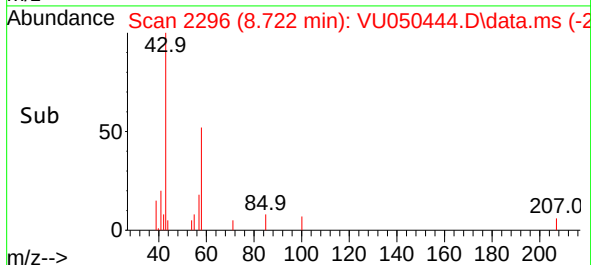
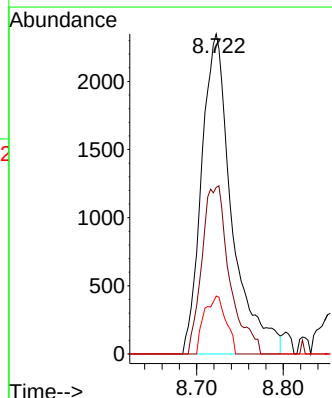
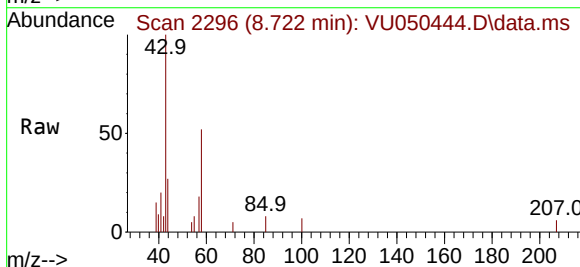
Tgt Ion: 43 Resp: 5707

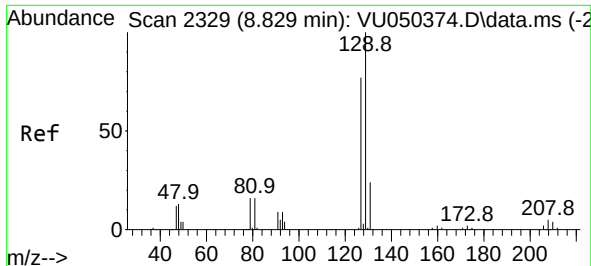
Ion Ratio Lower Upper

43 100

58 47.9 37.1 77.1

57 12.9 0.0 39.5





#55

Dibromochloromethane

Concen: 0.302 ug/l

RT: 8.829 min Scan# 2329

Delta R.T. 0.016 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

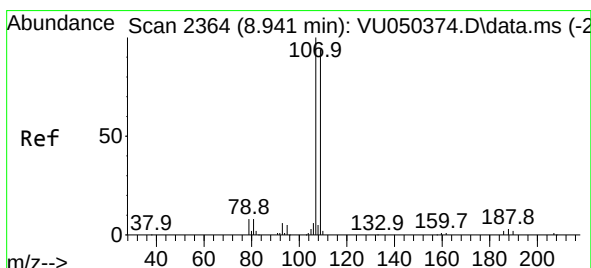
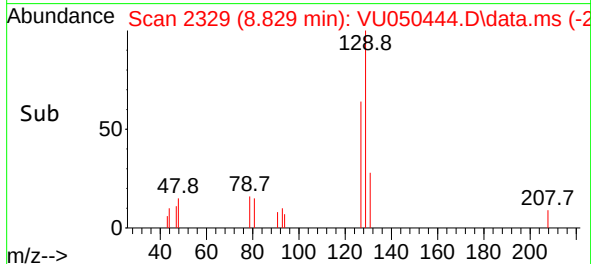
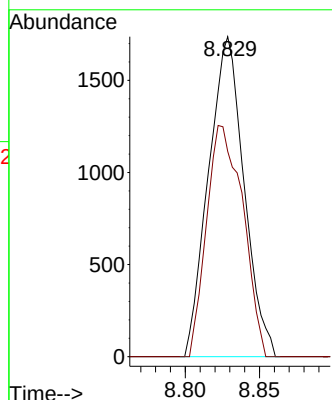
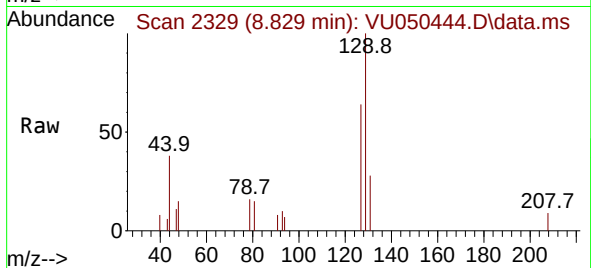
MDL-WATER-03-QT3-2022

Tgt Ion:129 Resp: 2887

Ion Ratio Lower Upper

129 100

127 73.7 61.2 91.8



#56

1,2-Dibromoethane

Concen: 0.283 ug/l

RT: 8.941 min Scan# 2364

Delta R.T. 0.016 min

Lab File: VU050444.D

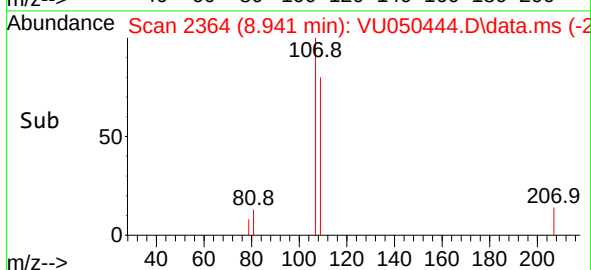
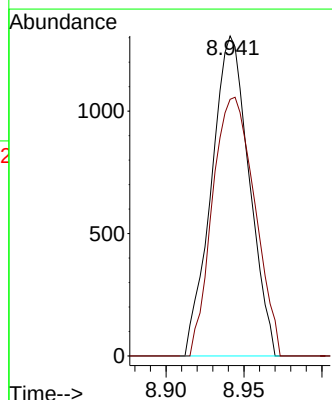
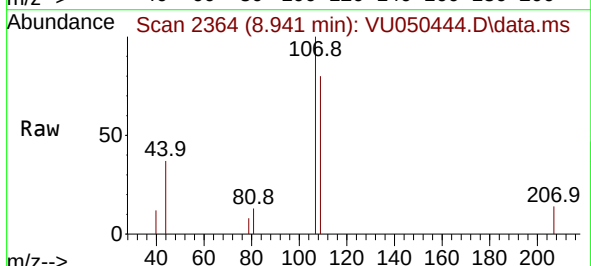
Acq: 25 Aug 2022 13:54

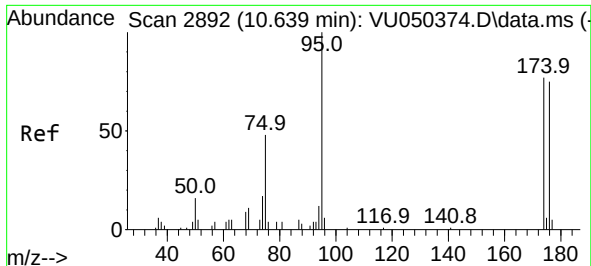
Tgt Ion:107 Resp: 2202

Ion Ratio Lower Upper

107 100

109 90.3 0.0 187.2





#57

4-Bromofluorobenzene

Concen: 0.783 ug/l

RT: 10.642 min Scan# 2893

Delta R.T. 0.010 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

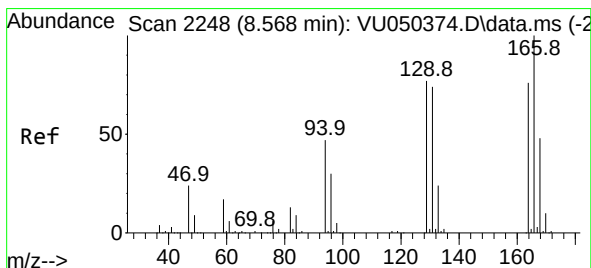
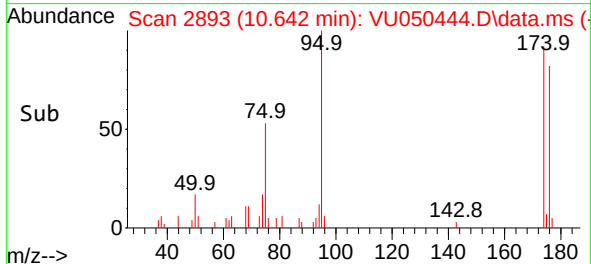
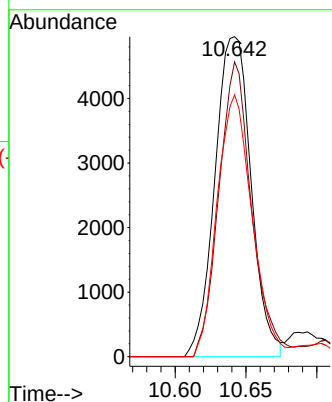
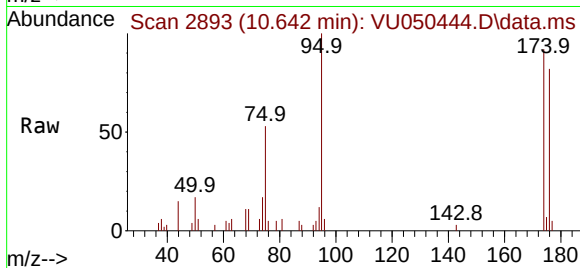
Tgt Ion: 95 Resp: 8816

Ion Ratio Lower Upper

95 100

174 83.5 62.4 93.6

176 79.2 56.2 84.2



#58

Tetrachloroethene

Concen: 0.333 ug/l

RT: 8.568 min Scan# 2248

Delta R.T. 0.016 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Tgt Ion: 164 Resp: 3070

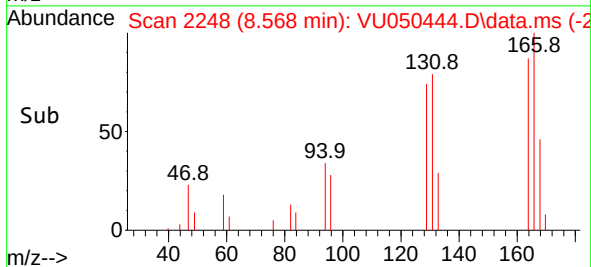
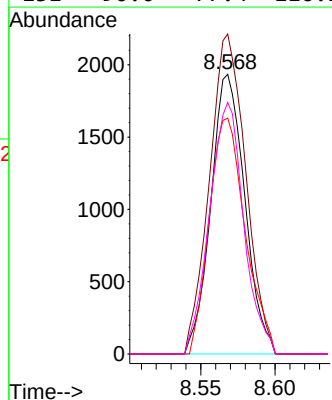
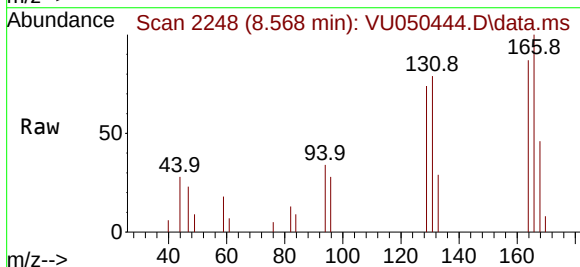
Ion Ratio Lower Upper

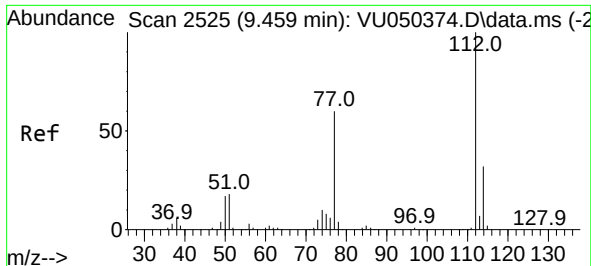
164 100

166 114.4 102.4 153.6

129 84.3 79.5 119.3

131 90.0 77.4 116.2





#59

Chlorobenzene

Concen: 0.295 ug/l

RT: 9.459 min Scan# 2525

Delta R.T. 0.010 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

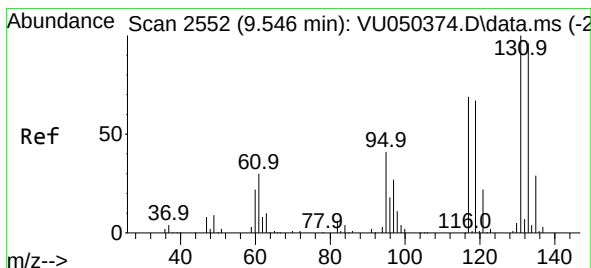
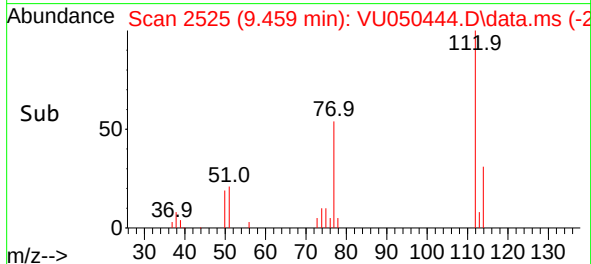
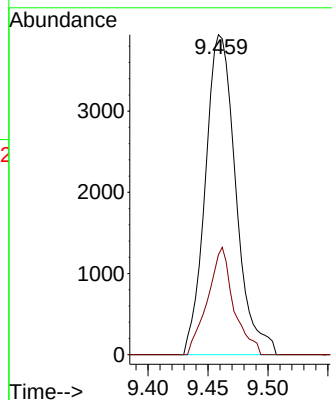
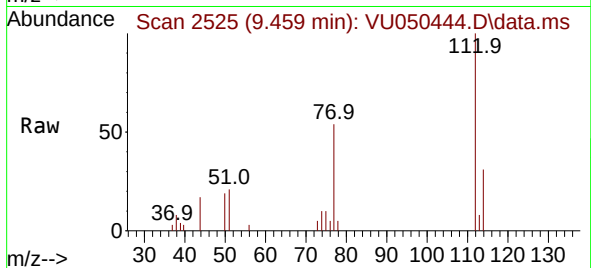
MDL-WATER-03-QT3-2022

Tgt Ion:112 Resp: 6973

Ion Ratio Lower Upper

112 100

114 31.3 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 0.309 ug/l

RT: 9.546 min Scan# 2552

Delta R.T. 0.010 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

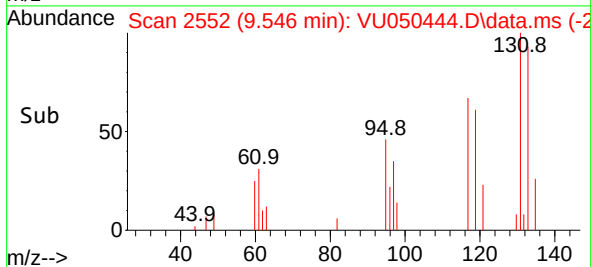
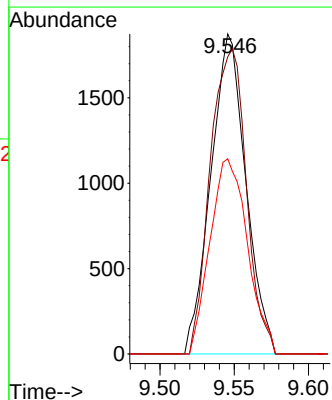
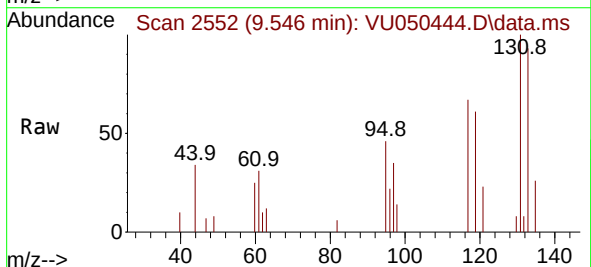
Tgt Ion:131 Resp: 3074

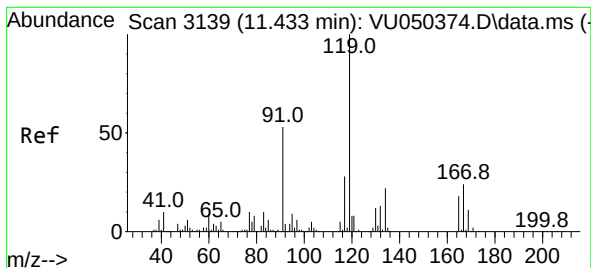
Ion Ratio Lower Upper

131 100

133 98.1 78.3 117.5

119 65.3 53.2 79.8





#61

Pentachloroethane

Concen: 0.287 ug/l

RT: 11.430 min Scan# 3139

Delta R.T. 0.000 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

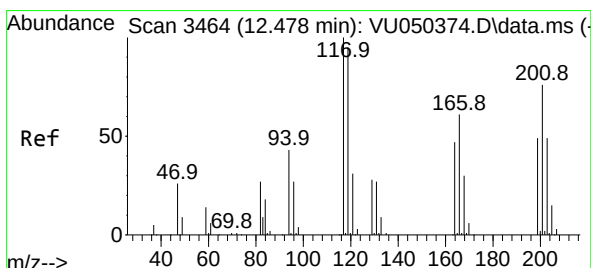
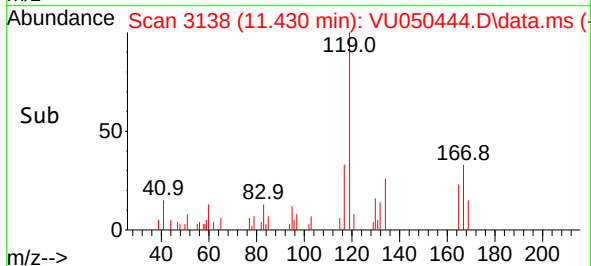
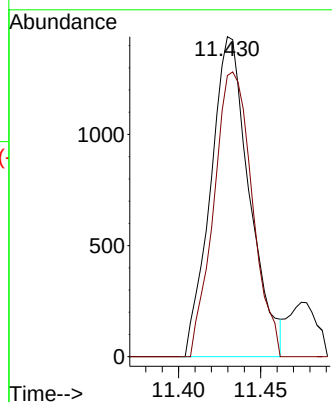
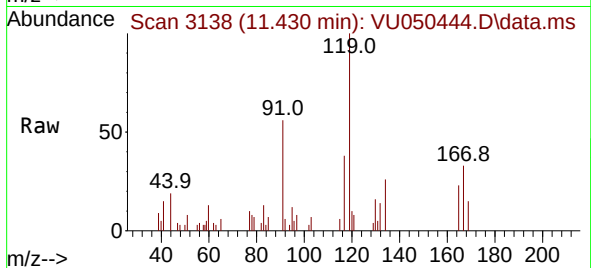
MDL-WATER-03-QT3-2022

Tgt Ion:117 Resp: 2372

Ion Ratio Lower Upper

117 100

167 88.0 66.2 99.4



#62

Hexachloroethane

Concen: 0.329 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. 0.003 min

Lab File: VU050444.D

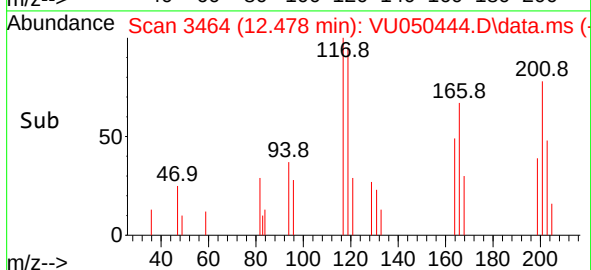
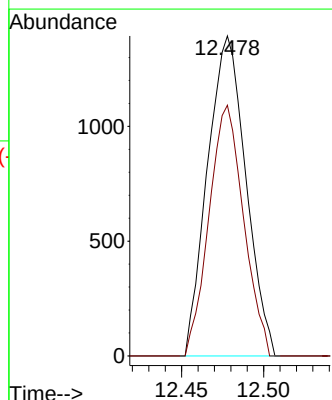
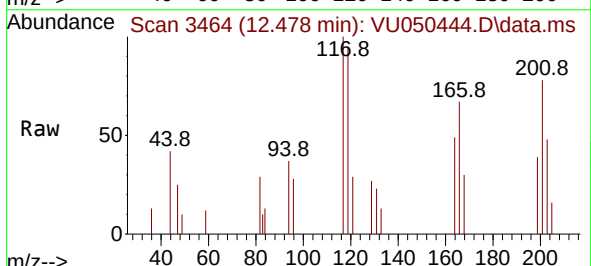
Acq: 25 Aug 2022 13:54

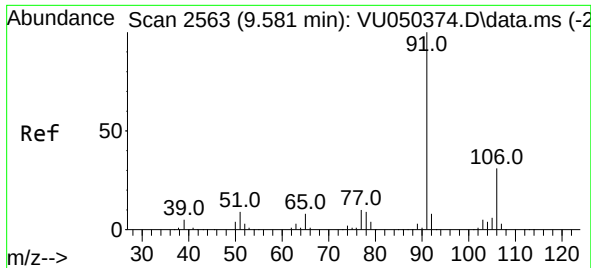
Tgt Ion:117 Resp: 2262

Ion Ratio Lower Upper

117 100

201 70.7 61.0 91.4

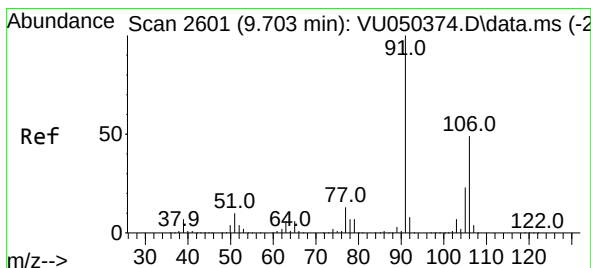
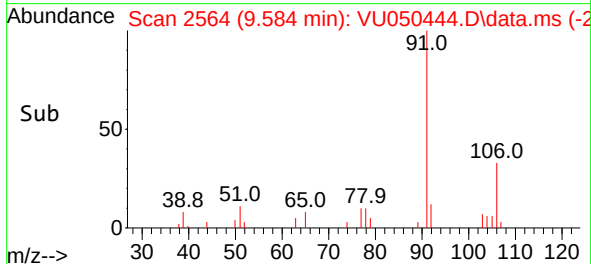
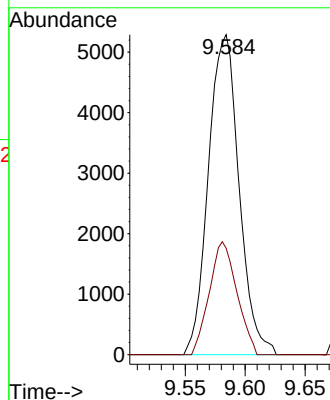
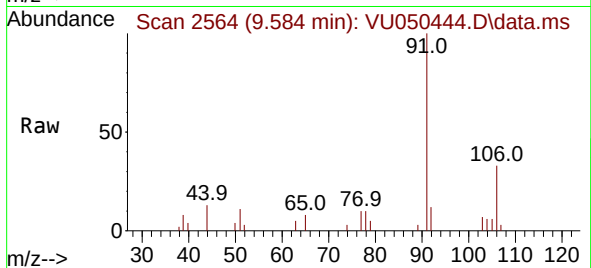




#63
Ethyl Benzene
Concen: 0.755 ug/l
RT: 9.584 min Scan# 2563
Delta R.T. 0.013 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

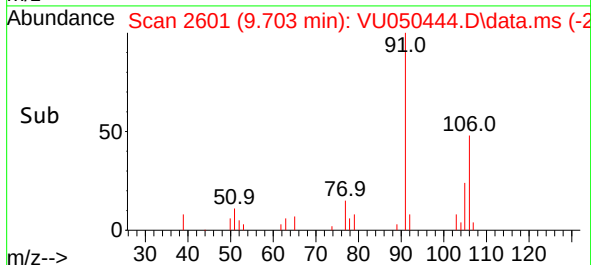
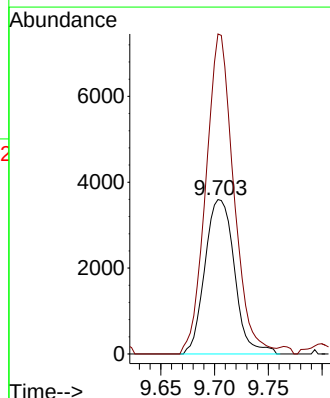
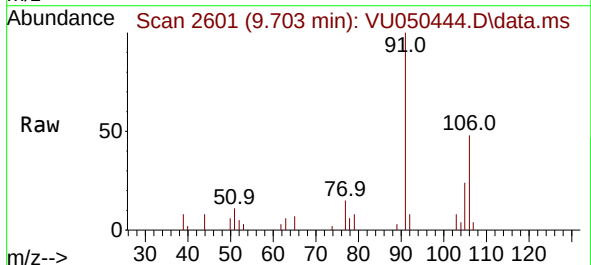
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

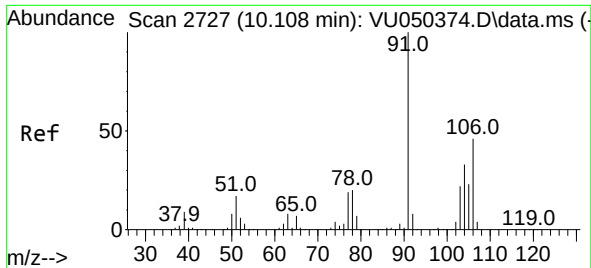
Tgt Ion: 91 Resp: 9400
Ion Ratio Lower Upper
91 100
106 33.3 24.4 36.6



#64
m/p-Xylenes
Concen: 1.427 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.010 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 106 Resp: 6883
Ion Ratio Lower Upper
106 100
91 195.4 167.8 251.6

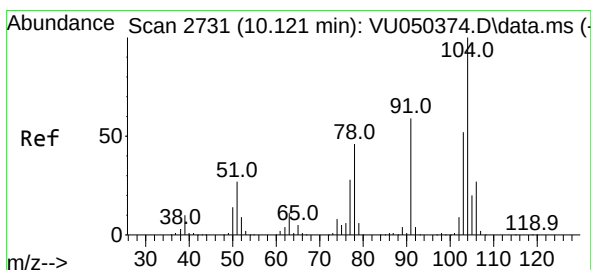
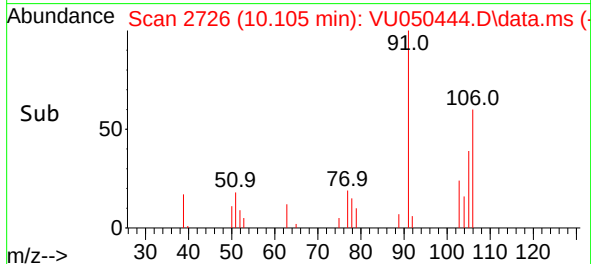
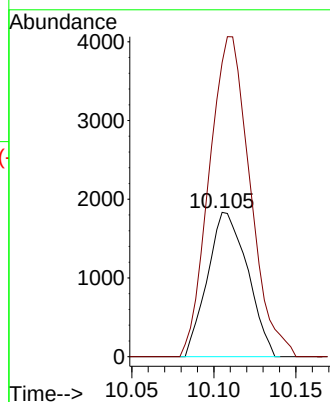
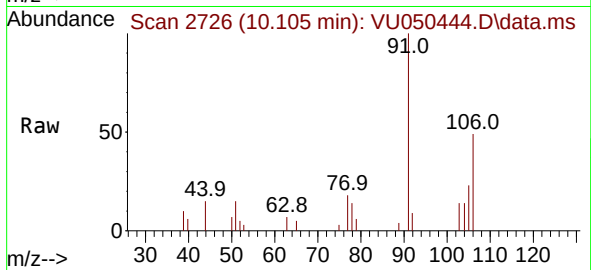




#65
o-Xylene
Concen: 0.678 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

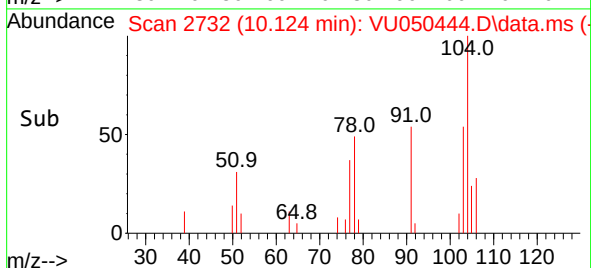
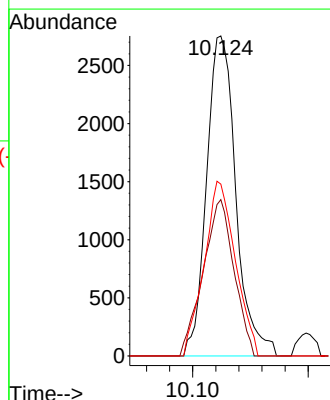
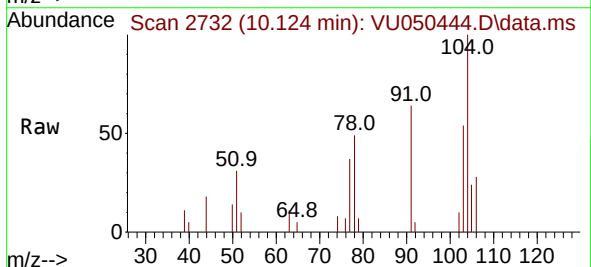
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

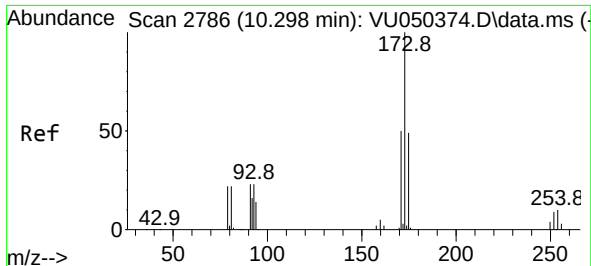
Tgt Ion:106 Resp: 3104
Ion Ratio Lower Upper
106 100
91 226.5 111.1 333.2



#66
Styrene
Concen: 0.745 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.010 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion:104 Resp: 4860
Ion Ratio Lower Upper
104 100
78 51.3 42.1 63.1
103 58.0 44.5 66.7

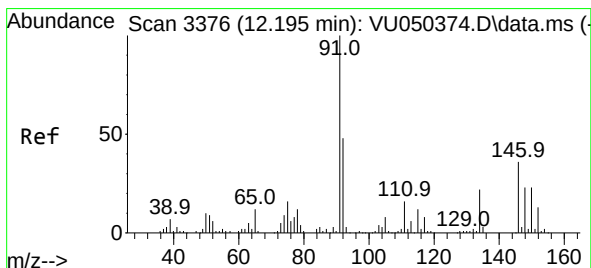
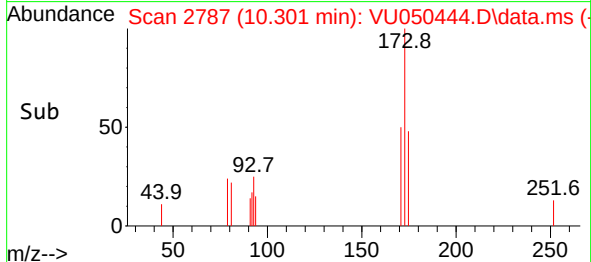
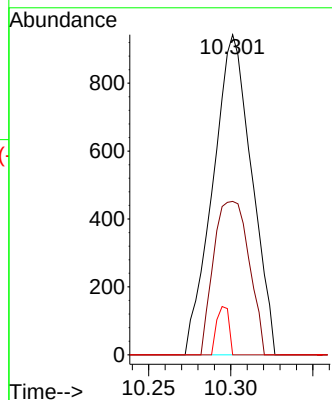
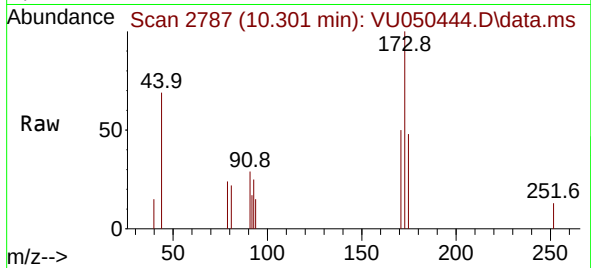




#67
Bromoform
Concen: 0.285 ug/l
RT: 10.301 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

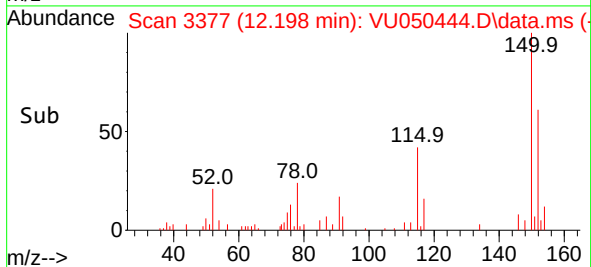
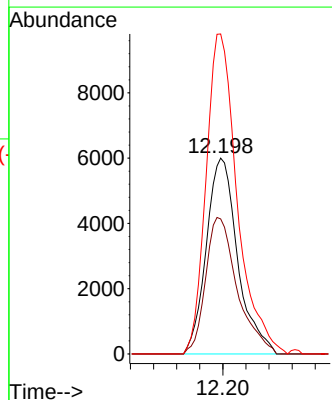
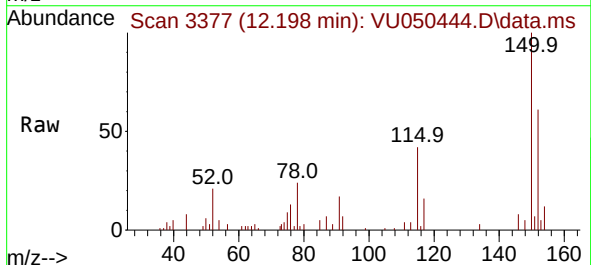
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

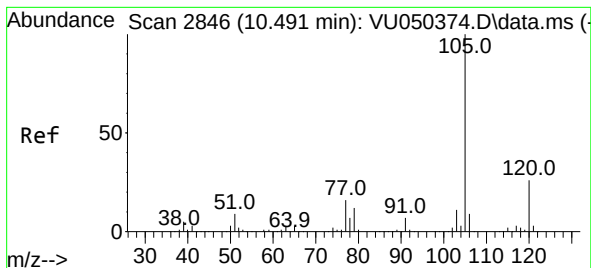
Tgt Ion:173 Resp: 1543
Ion Ratio Lower Upper
173 100
175 43.9 38.4 57.6
254 4.8 7.7 11.5#



#68
1,2-Dichlorobenzene-d4
Concen: 0.851 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.003 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion:152 Resp: 11327
Ion Ratio Lower Upper
152 100
115 70.2 0.0 254.6
150 162.3 0.0 623.6





#69

Isopropylbenzene

Concen: 0.747 ug/l

RT: 10.491 min Scan# 2846

Delta R.T. 0.006 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

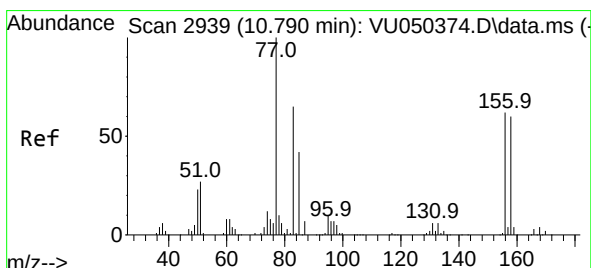
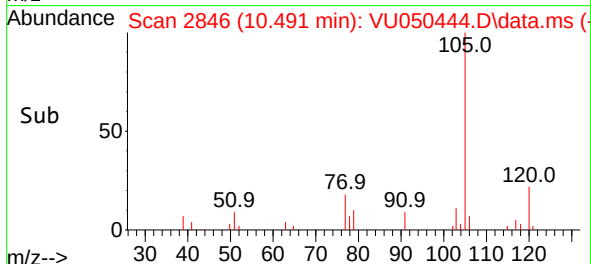
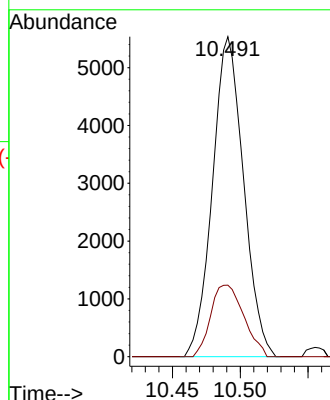
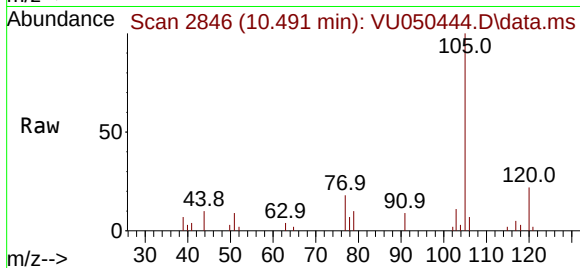
MDL-WATER-03-QT3-2022

Tgt Ion:105 Resp: 8813

Ion Ratio Lower Upper

105 100

120 23.9 12.6 37.8



#70

1,1,2,2-Tetrachloroethane

Concen: 0.335 ug/l

RT: 10.790 min Scan# 2939

Delta R.T. 0.007 min

Lab File: VU050444.D

Acq: 25 Aug 2022 13:54

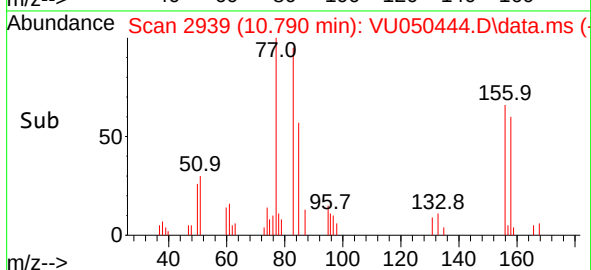
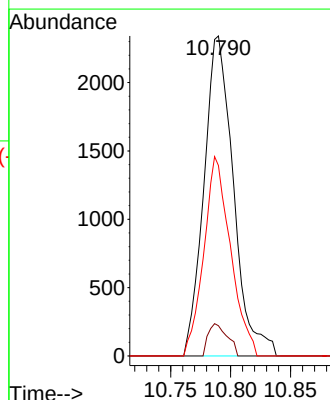
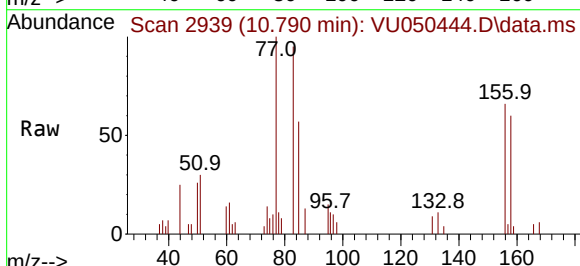
Tgt Ion: 83 Resp: 4005

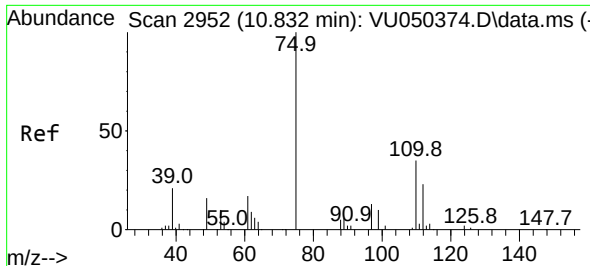
Ion Ratio Lower Upper

83 100

131 6.6 7.7 11.5#

85 56.5 51.2 76.8



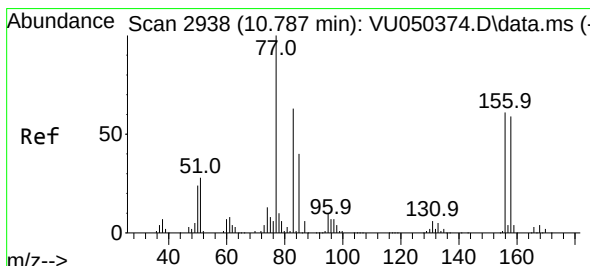
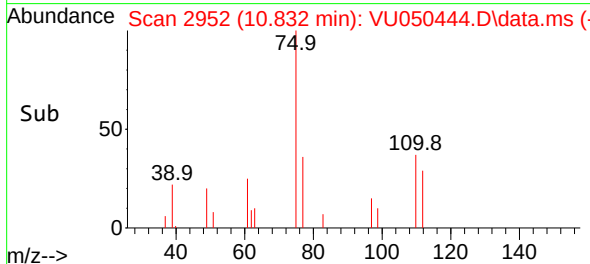
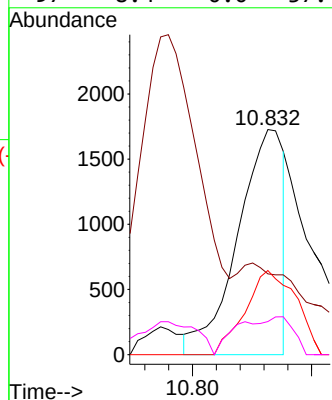
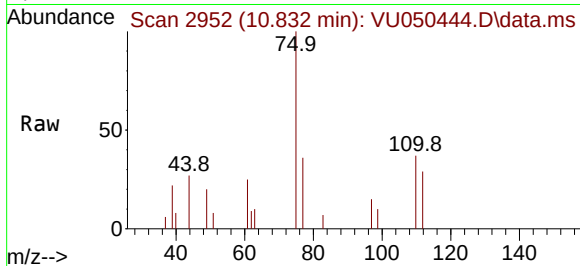


#71
1,2,3-Trichloropropane
Concen: 0.257 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. 0.007 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 75 Resp: 2308

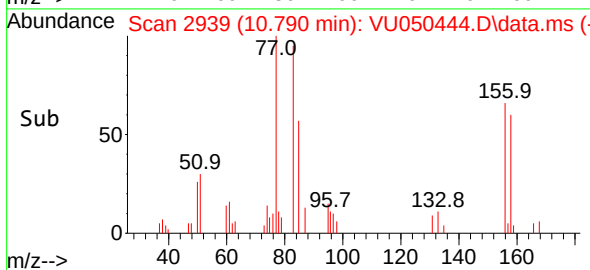
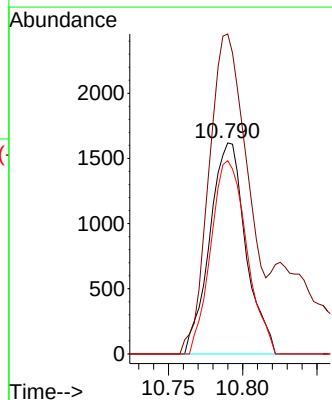
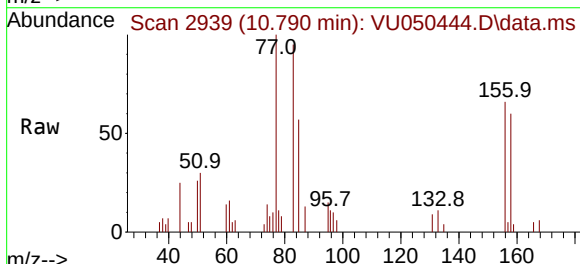
Ion	Ratio	Lower	Upper
75	100		
77	34.4	0.0	112.4
110	41.4	0.0	70.6
97	8.4	0.0	37.4

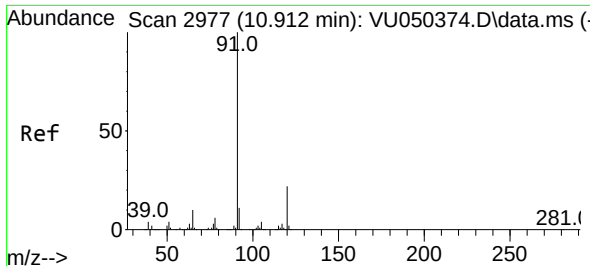


#72
Bromobenzene
Concen: 0.268 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.007 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 156 Resp: 2735

Ion	Ratio	Lower	Upper
156	100		
77	162.8	0.0	344.4
158	91.1	0.0	192.2

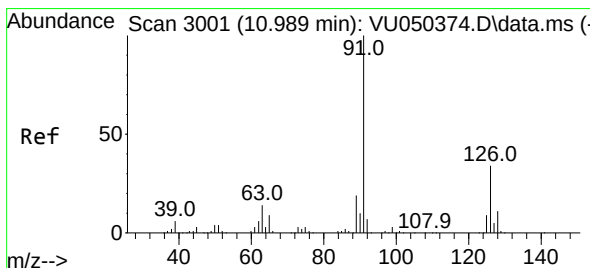
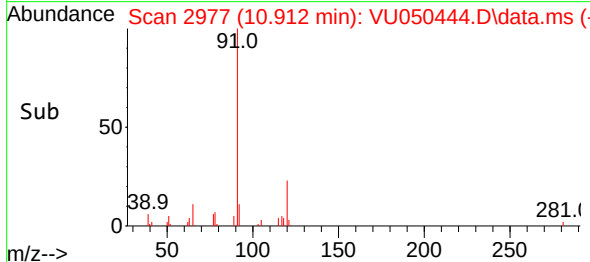
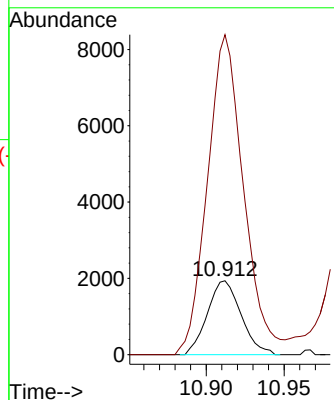
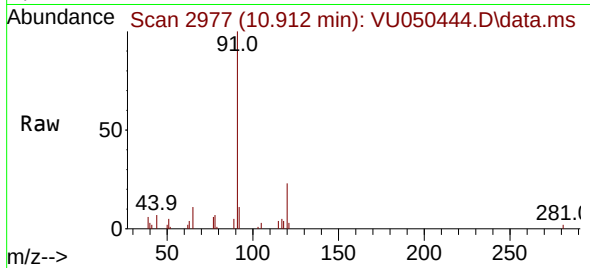




#73
n-propylbenzene
Concen: 0.802 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.007 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

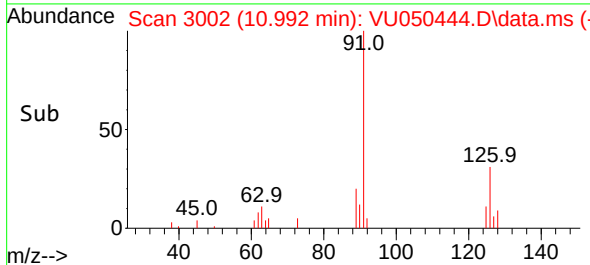
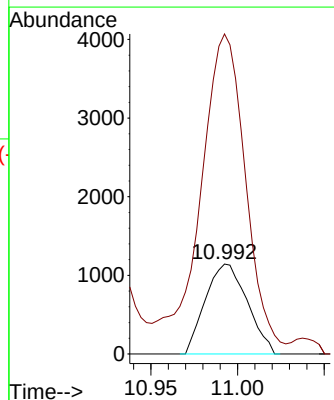
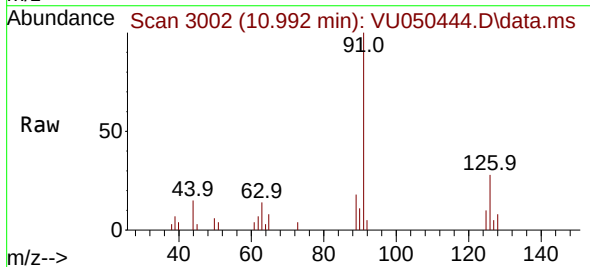
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

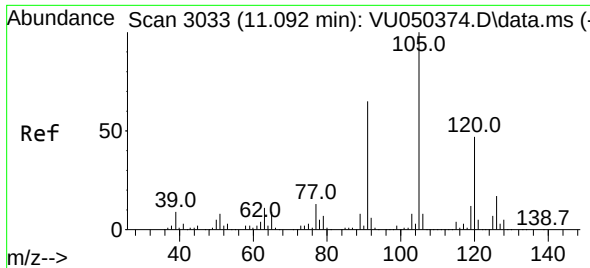
Tgt Ion:120 Resp: 2917
Ion Ratio Lower Upper
120 100
91 464.5 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.546 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.006 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion:126 Resp: 1921
Ion Ratio Lower Upper
126 100
91 354.0 0.0 620.6

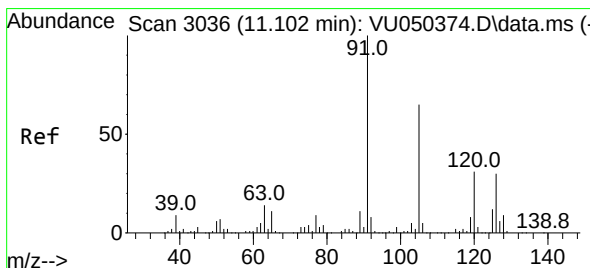
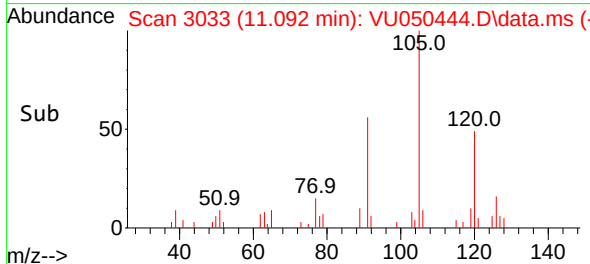
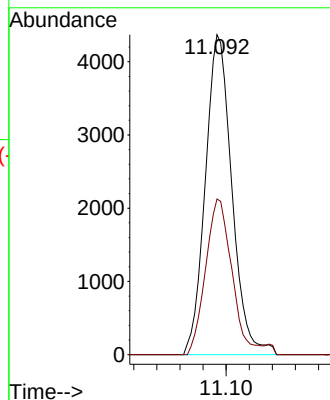
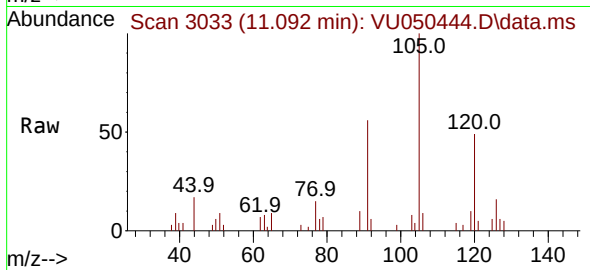




#75
1,3,5-Trimethylbenzene
Concen: 0.682 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

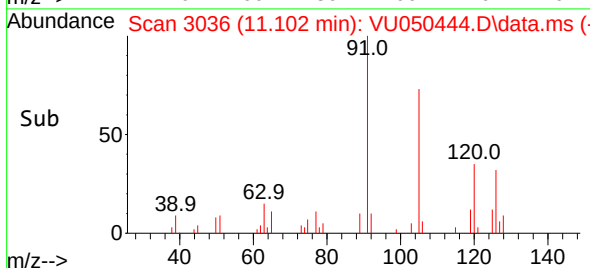
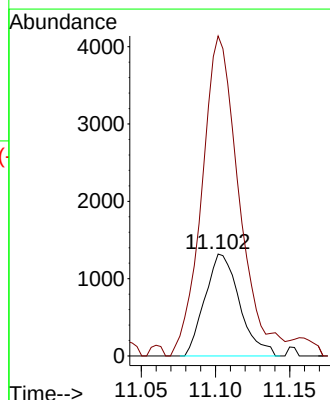
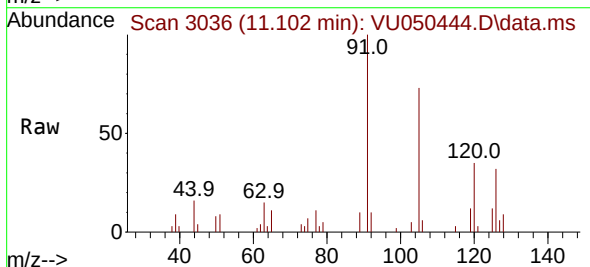
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

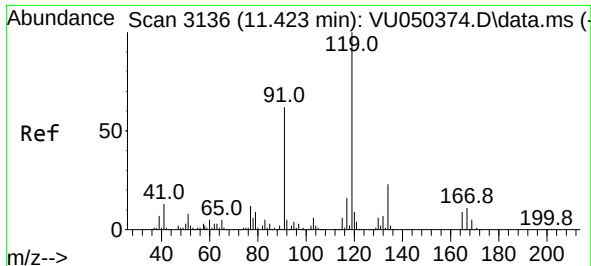
Tgt Ion:105 Resp: 6974
Ion Ratio Lower Upper
105 100
120 48.2 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.567 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion:126 Resp: 2138
Ion Ratio Lower Upper
126 100
91 335.4 0.0 738.8

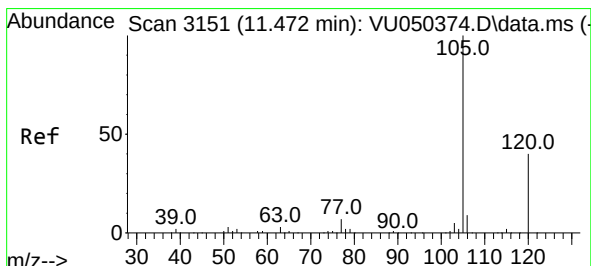
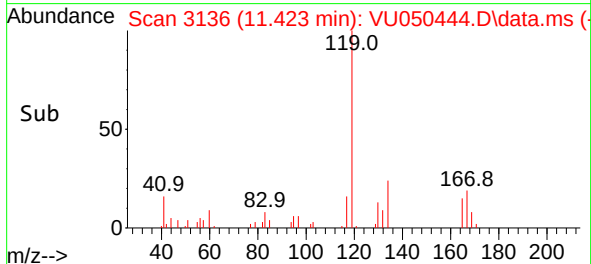
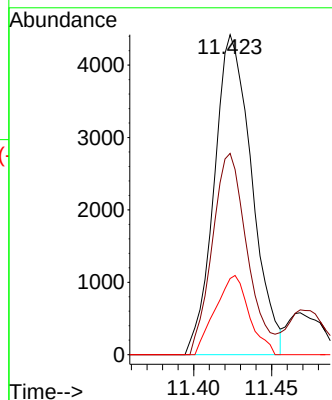
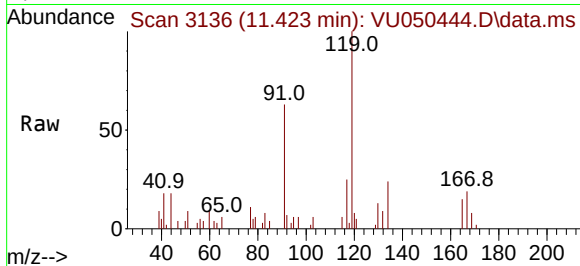




#77
tert-Butylbenzene
Concen: 0.673 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

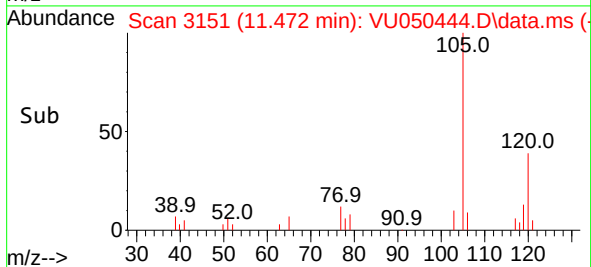
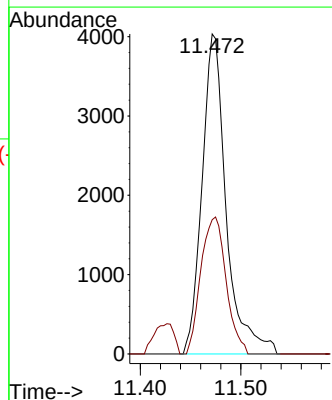
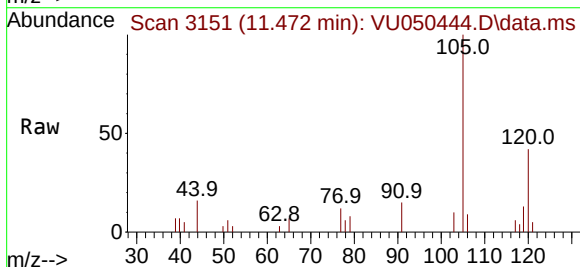
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

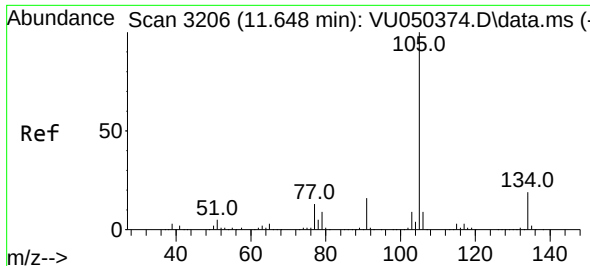
Tgt Ion:	119	Resp:	7410
Ion	Ratio	Lower	Upper
119	100		
91	58.4	30.4	91.3
134	22.3	17.8	26.6



#78
1,2,4-Trimethylbenzene
Concen: 0.711 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion:	105	Resp:	6723
Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.6	65.0

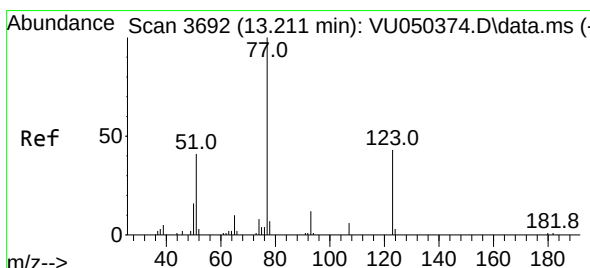
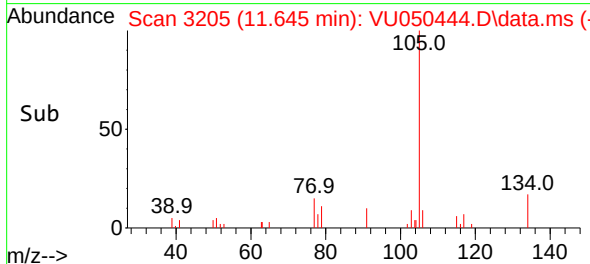
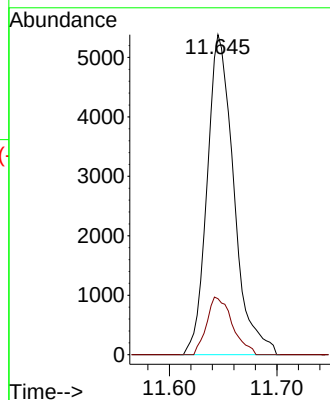
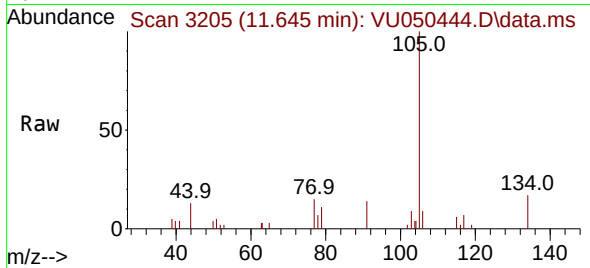




#79
 sec-Butylbenzene
 Concen: 0.712 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050444.D
 Acq: 25 Aug 2022 13:54

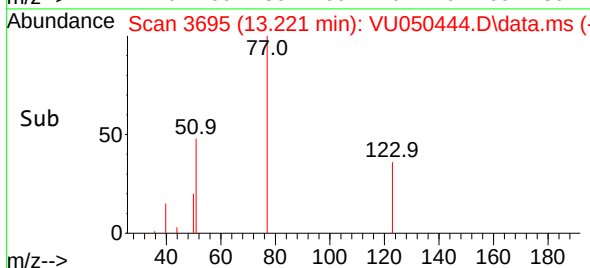
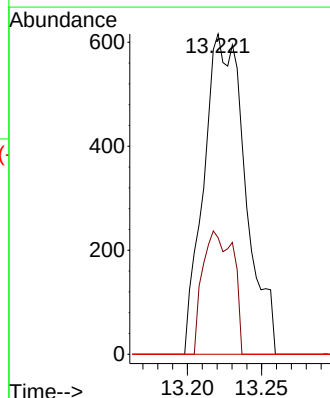
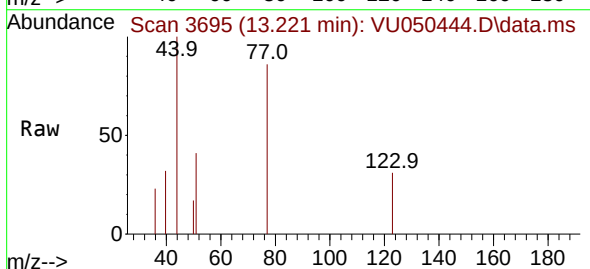
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

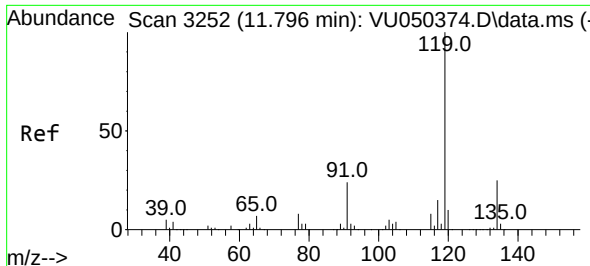
Tgt Ion:105 Resp: 9277
 Ion Ratio Lower Upper
 105 100
 134 17.3 15.4 23.0



#80
 Nitrobenzene
 Concen: 1.849 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.013 min
 Lab File: VU050444.D
 Acq: 25 Aug 2022 13:54

Tgt Ion: 77 Resp: 1198
 Ion Ratio Lower Upper
 77 100
 123 28.3 18.1 64.3
 65 0.0 10.8 13.8#

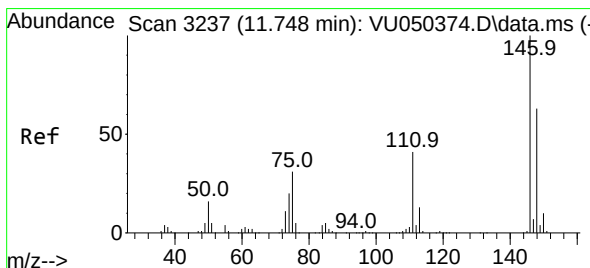
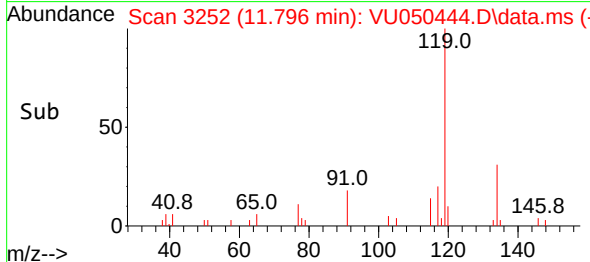
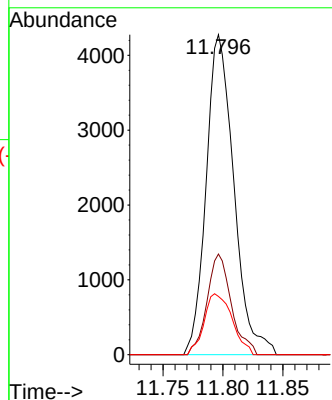
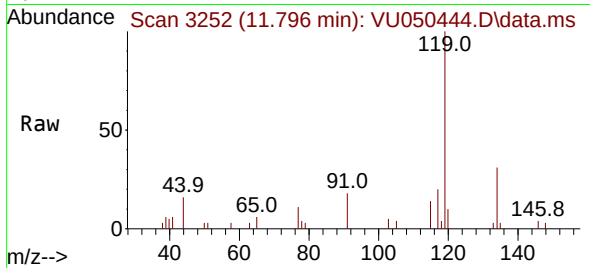




#81
 p-Isopropyltoluene
 Concen: 0.751 ug/l
 RT: 11.796 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU050444.D
 Acq: 25 Aug 2022 13:54

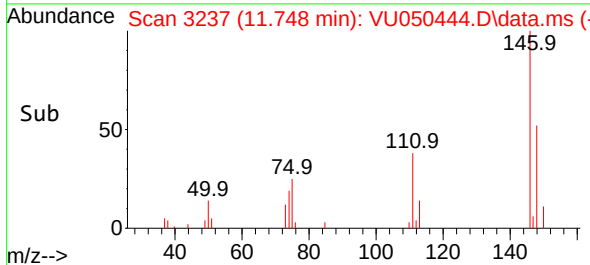
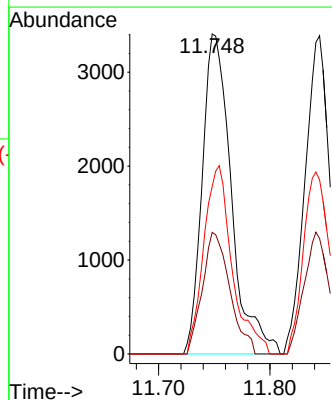
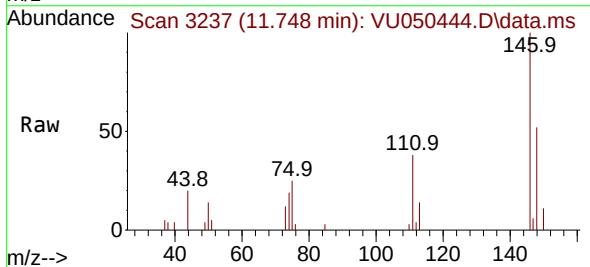
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

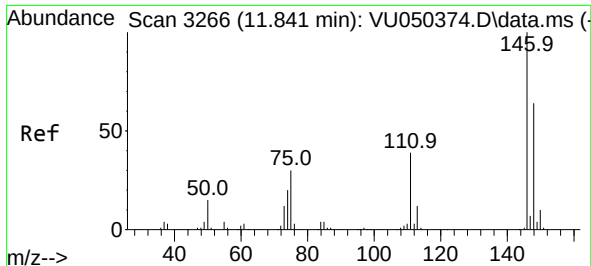
Tgt Ion:119 Resp: 6859
 Ion Ratio Lower Upper
 119 100
 134 27.6 20.5 30.7
 91 19.3 19.8 29.6#



#82
 1,3-Dichlorobenzene
 Concen: 0.294 ug/l
 RT: 11.748 min Scan# 3237
 Delta R.T. 0.003 min
 Lab File: VU050444.D
 Acq: 25 Aug 2022 13:54

Tgt Ion:146 Resp: 6191
 Ion Ratio Lower Upper
 146 100
 111 35.9 33.4 50.2
 148 57.5 51.2 76.8

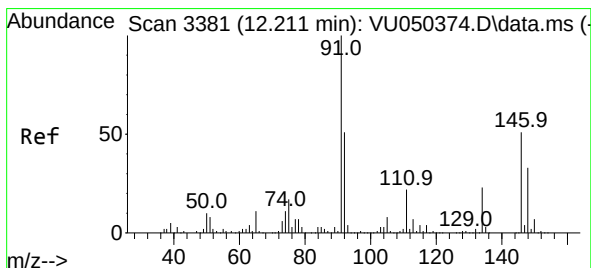
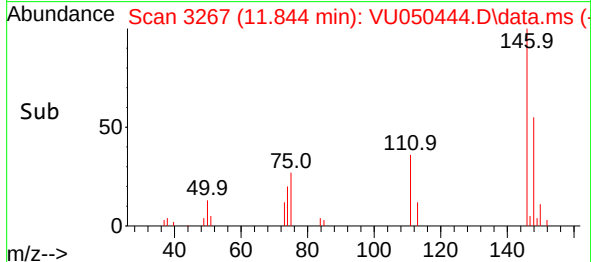
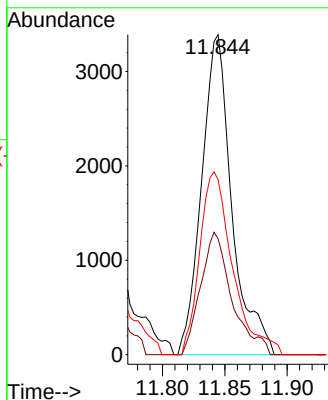
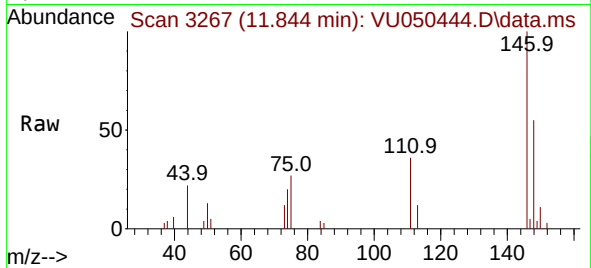




#83
1,4-Dichlorobenzene
Concen: 0.273 ug/l
RT: 11.844 min Scan# 3266
Delta R.T. 0.010 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

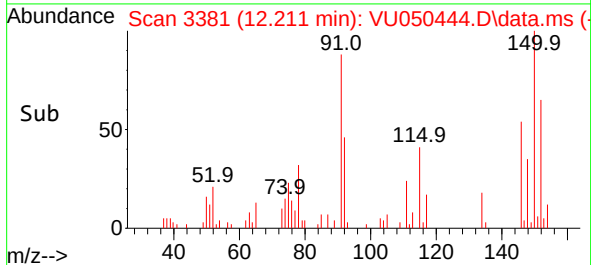
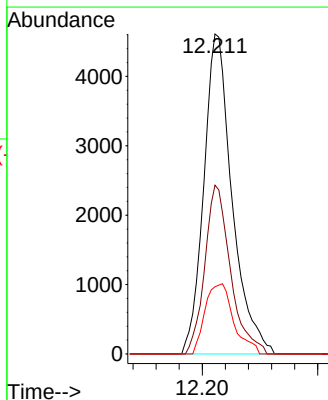
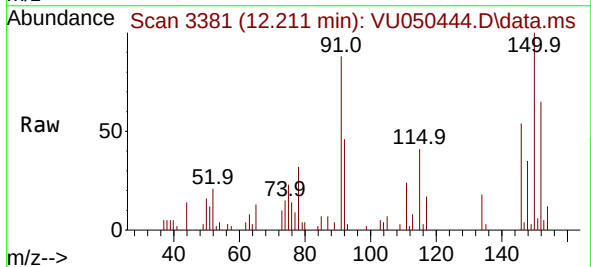
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

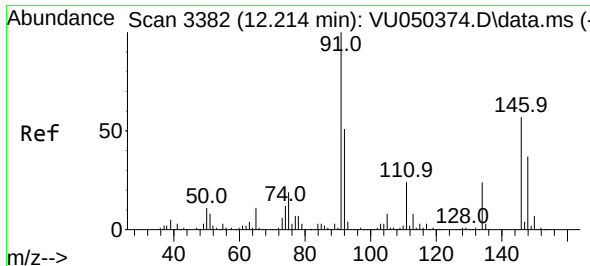
Tgt Ion:146 Resp: 5716
Ion Ratio Lower Upper
146 100
111 39.7 32.6 49.0
148 62.2 51.6 77.4



#84
n-Butylbenzene
Concen: 0.770 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion: 91 Resp: 7841
Ion Ratio Lower Upper
91 100
92 48.0 42.3 63.5
134 22.1 19.6 29.4

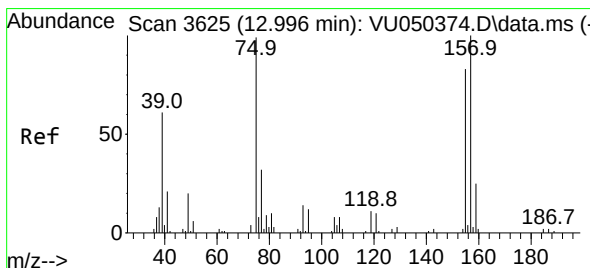
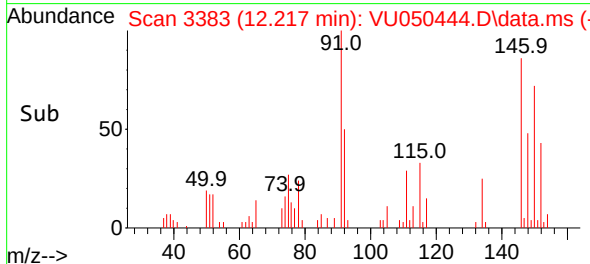
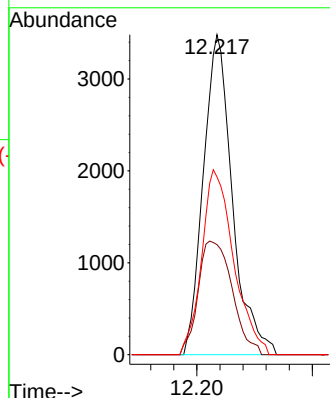
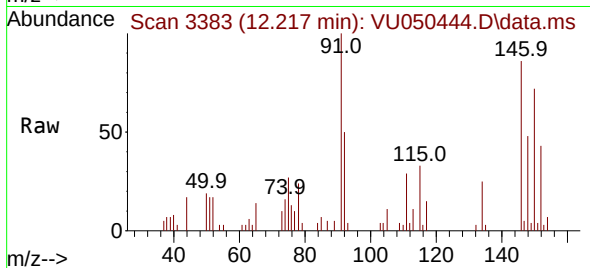




#85
 1,2-Dichlorobenzene
 Concen: 0.294 ug/l
 RT: 12.217 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VU050444.D
 Acq: 25 Aug 2022 13:54

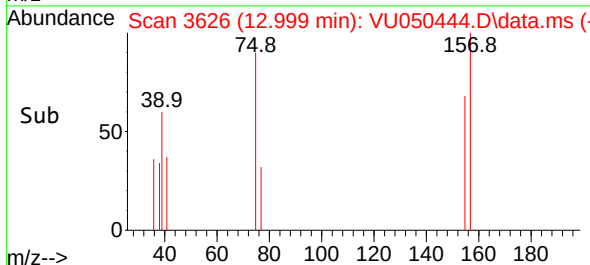
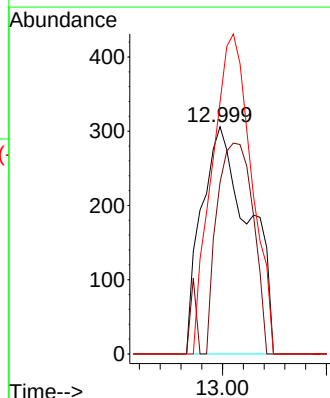
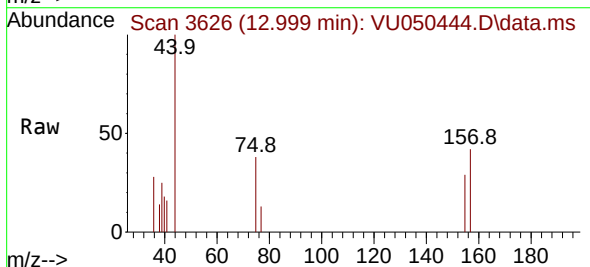
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

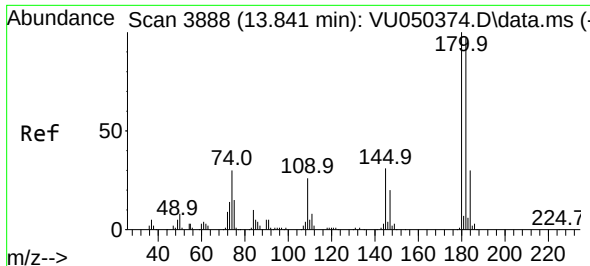
Tgt Ion:	146	Resp:	6074
Ion	Ratio	Lower	Upper
146	100		
111	41.6	22.1	66.1
148	63.8	32.1	96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.256 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: VU050444.D
 Acq: 25 Aug 2022 13:54

Tgt Ion:	75	Resp:	483
Ion	Ratio	Lower	Upper
75	100		
155	70.8	66.8	100.2
157	117.6	83.8	125.8

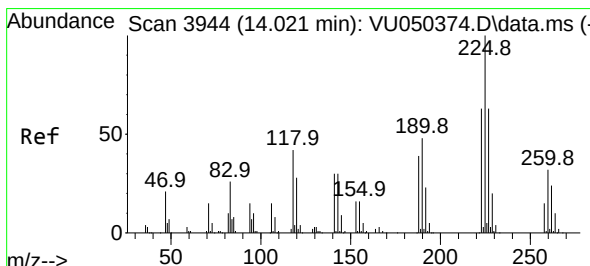
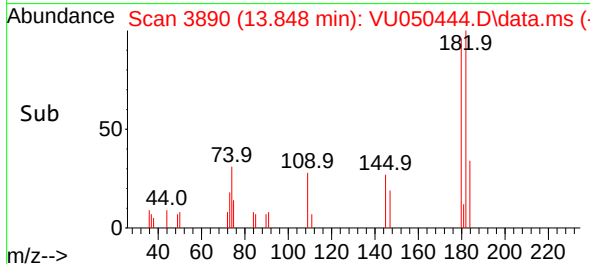
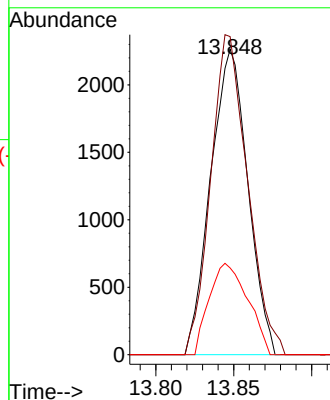
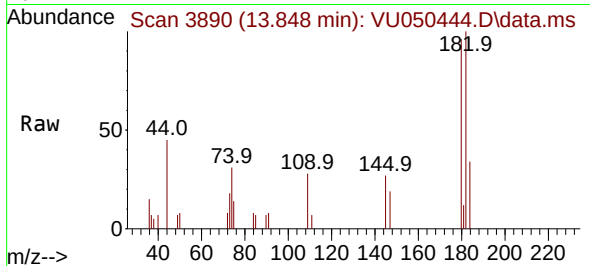




#87
1,2,4-Trichlorobenzene
Concen: 0.318 ug/l
RT: 13.848 min Scan# 3888
Delta R.T. 0.006 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

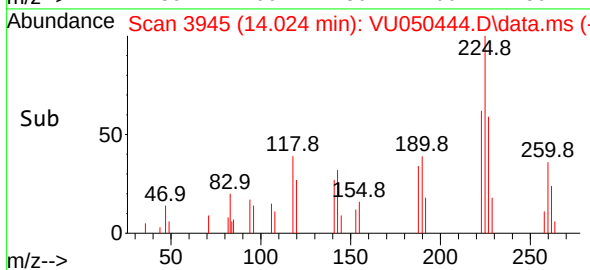
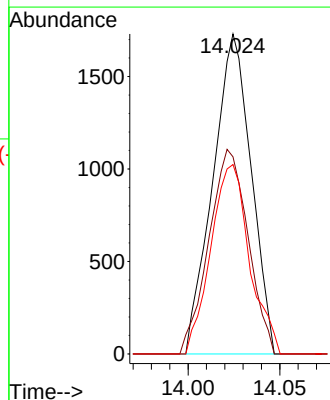
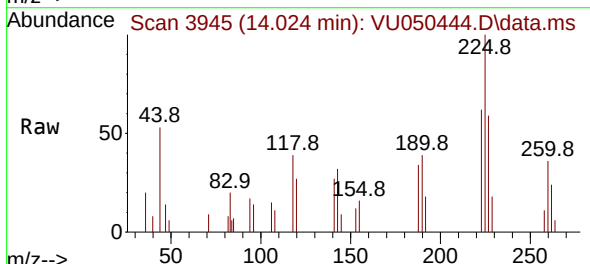
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

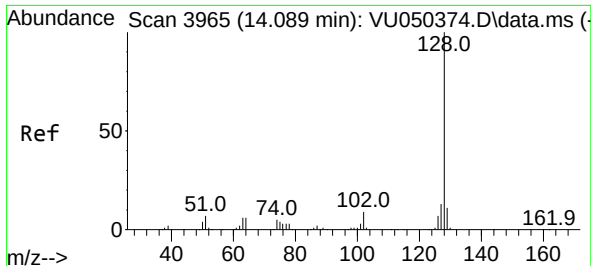
Tgt Ion:180 Resp: 3750
Ion Ratio Lower Upper
180 100
182 103.5 77.0 115.6
145 31.0 25.7 38.5



#88
Hexachlorobutadiene
Concen: 0.327 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion:225 Resp: 2510
Ion Ratio Lower Upper
225 100
223 65.5 50.6 76.0
227 59.8 50.7 76.1

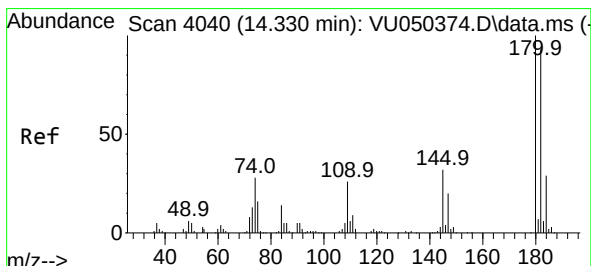
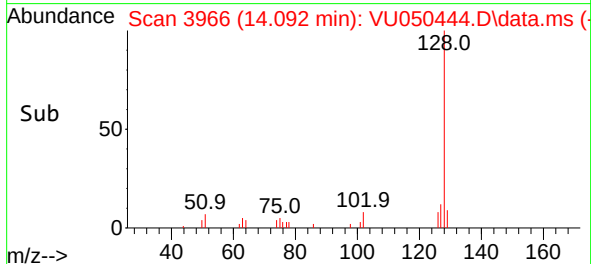
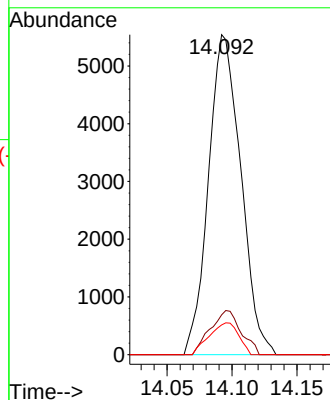
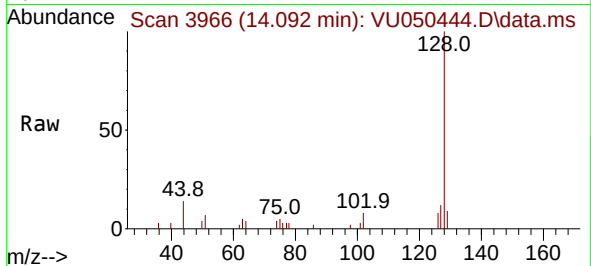




#89
Naphthalene
Concen: 1.232 ug/l
RT: 14.092 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:	128	Resp:	9589
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	9.1	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.739 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU050444.D
Acq: 25 Aug 2022 13:54

Tgt Ion:	180	Resp:	3949
Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.6	114.8
145	34.6	27.3	40.9

