

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051457.D
 Acq On : 19 Oct 2022 14:49
 Operator : JC/MD
 Sample : N3980-09 0.4PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 20 07:42:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 20 07:37:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	46742	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12722	0.776	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	15460	0.844	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	5616	0.344	ug/l	96
3) Chloromethane	1.536	50	9508	0.370	ug/l	97
4) Vinyl Chloride	1.604	62	7286	0.327	ug/l	99
5) Bromomethane	1.855	94	5393	0.434	ug/l	92
6) Chloroethane	1.929	64	6585	0.519	ug/l	# 83
7) Trichlorofluoromethane	2.141	101	8628	0.347	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	5071	0.369	ug/l	98
9) 1,1-Dichloroethene	2.581	96	5339	0.372	ug/l	87
10) Iodomethane	2.720	142	6210	0.334	ug/l	98
11) Allyl Chloride	2.922	41	8257	0.377	ug/l	94
12) Acrylonitrile	3.318	53	3190	0.756	ug/l	# 67
13) Acetone	2.636	43	5733	1.886	ug/l	97
14) Carbon Disulfide	2.790	76	18237	0.357	ug/l	98
15) Methylene Chloride	3.044	84	14126	0.672	ug/l	93
16) trans-1,2-Dichloroethene	3.346	96	5634	0.343	ug/l	95
17) 1,1-Dichloroethane	3.867	63	10562	0.357	ug/l	94
18) 2-Butanone	4.729	43	5623	1.525	ug/l	98
19) Cyclohexane	5.385	56	4251	0.232	ug/l	87
20) Methylcyclohexane	6.761	83	4620	0.254	ug/l	91
21) 2,2-Dichloropropane	4.665	77	7617	0.369	ug/l	96
22) cis-1,2-Dichloroethene	4.665	96	4658	0.299	ug/l	94
23) Diethyl Ether	2.379	59	4536	0.362	ug/l	95
24) tert-Butyl Alcohol	3.205	59	3020	2.299	ug/l	98
25) Methyl tert-Butyl Ether	3.366	73	12022	0.322	ug/l	# 82
26) Bromochloromethane	4.977	128	2500	0.330	ug/l	95
27) Chloroform	5.089	83	10350	0.346	ug/l	97
28) 1,1,1-Trichloroethane	5.314	97	7845	0.328	ug/l	98
29) 1,1-Dichloropropene	5.523	75	5256	0.287	ug/l	96
30) Carbon Tetrachloride	5.520	117	7075	0.351	ug/l	# 92
31) Isopropyl Ether	3.999	45	10170	0.291	ug/l	82
32) Ethyl-t-butyl ether	4.504	59	8581	0.269	ug/l	90
33) Tert-Amyl methyl ether	5.944	73	7054	0.251	ug/l	95
34) Propionitrile	4.797	54	1819	1.467	ug/l	# 79
35) Benzene	5.774	78	18632	0.303	ug/l	96
36) 1,2-Dichloroethane	5.797	62	6175	0.326	ug/l	95
37) Trichloroethene	6.539	130	4707	0.326	ug/l	95
38) 1,2-Dichloropropane	6.790	63	5223	0.310	ug/l	98
39) Methacrylonitrile	4.983	41	1261	0.298	ug/l	# 55
40) Methyl acrylate	4.877	55	1655	0.245	ug/l	# 66
41) Tetrahydrofuran	5.076	42	1245	0.559	ug/l	# 74
42) 1-Chlorobutane	5.456	56	6471	0.259	ug/l	90
43) Dibromomethane	6.919	93	2765	0.316	ug/l	# 78
44) Bromodichloromethane	7.105	83	7057	0.333	ug/l	99

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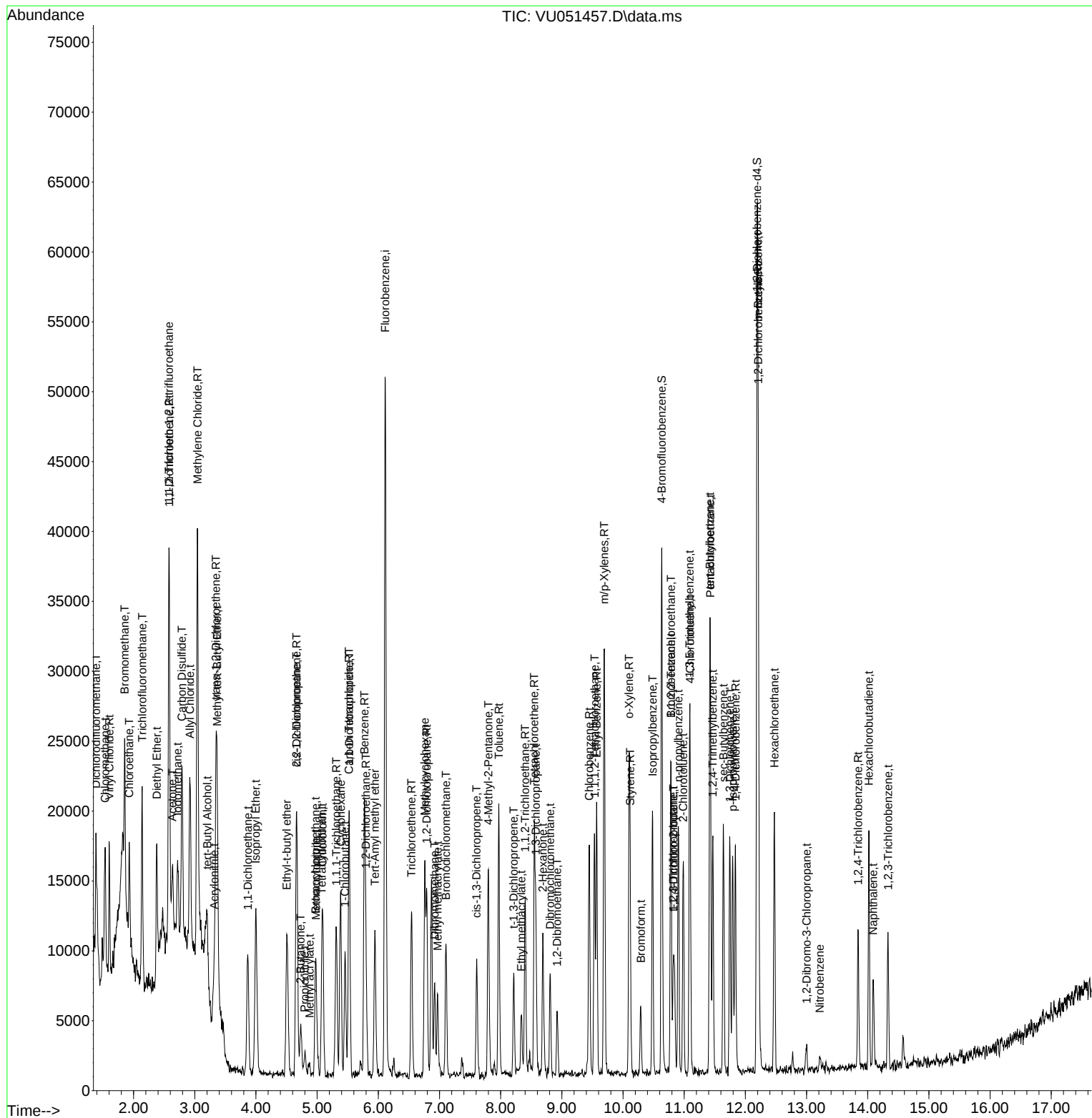
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	10356	1.244	ug/l #	93
46) t-1,4-Dichloro-2-butene	10.825	75	5243	1.128	ug/l #	51
47) Methyl methacrylate	6.970	69	3155	0.472	ug/l	93
48) Ethyl methacrylate	8.337	69	2381	0.213	ug/l	99
49) Toluene	7.970	92	7380	0.219	ug/l	82
50) t-1,3-Dichloropropene	8.214	75	4435	0.260	ug/l	100
51) cis-1,3-Dichloropropene	7.607	75	5668	0.282	ug/l	93
52) 1,1,2-Trichloroethane	8.401	97	4063	0.325	ug/l	94
53) 1,3-Dichloropropane	8.575	76	5840	0.290	ug/l	94
54) 2-Hexanone	8.687	43	6949	1.213	ug/l	86
55) Dibromochloromethane	8.809	129	4182	0.308	ug/l	95
56) 1,2-Dibromoethane	8.922	107	3183	0.290	ug/l	94
58) Tetrachloroethene	8.549	164	3608	0.287	ug/l	92
59) Chlorobenzene	9.449	112	9657	0.261	ug/l #	88
60) 1,1,1,2-Tetrachloroethane	9.536	131	4887	0.345	ug/l	95
61) Pentachloroethane	11.427	117	3740	0.296	ug/l	98
62) Hexachloroethane	12.475	117	3540	0.295	ug/l	85
63) Ethyl Benzene	9.568	91	12685	0.226	ug/l	93
64) m/p-Xylenes	9.694	106	8434	0.377	ug/l	89
65) o-Xylene	10.099	106	4536	0.209	ug/l	96
66) Styrene	10.118	104	6687	0.185	ug/l	96
67) Bromoform	10.292	173	2375	0.312	ug/l #	95
69) Isopropylbenzene	10.484	105	11254	0.210	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.784	83	4991	0.295	ug/l	93
71) 1,2,3-Trichloropropane	10.825	75	5243	0.418	ug/l	64
72) Bromobenzene	10.784	156	3709	0.252	ug/l	97
73) n-propylbenzene	10.906	120	2814	0.187	ug/l	91
74) 2-Chlorotoluene	10.983	126	2968	0.207	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	8295	0.171	ug/l	94
76) 4-Chlorotoluene	11.095	126	2998	0.205	ug/l	82
77) tert-Butylbenzene	11.420	119	10660	0.225	ug/l	92
78) 1,2,4-Trimethylbenzene	11.465	105	9363	0.185	ug/l	100
79) sec-Butylbenzene	11.642	105	11822	0.188	ug/l	96
80) Nitrobenzene	13.217	77	939	1.123	ug/l #	69
81) p-Isopropyltoluene	11.793	119	8864	0.177	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	7663	0.242	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	6885	0.223	ug/l	95
84) n-Butylbenzene	12.208	91	9319	0.187	ug/l	92
85) 1,2-Dichlorobenzene	12.211	146	7159	0.230	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	12.999	75	632	0.239	ug/l #	89
87) 1,2,4-Trichlorobenzene	13.841	180	3924	0.233	ug/l	98
88) Hexachlorobutadiene	14.018	225	3002	0.273	ug/l	95
89) Naphthalene	14.089	128	6135	0.174	ug/l	97
90) 1,2,3-Trichlorobenzene	14.333	180	3207	0.174	ug/l	90

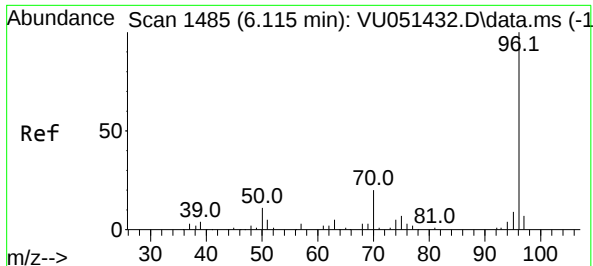
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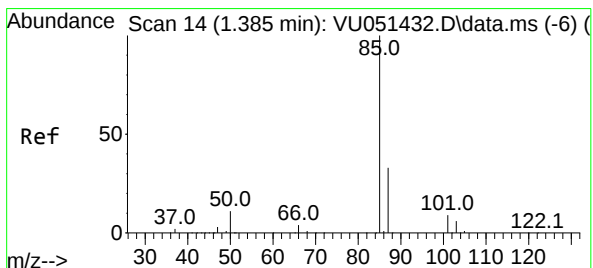
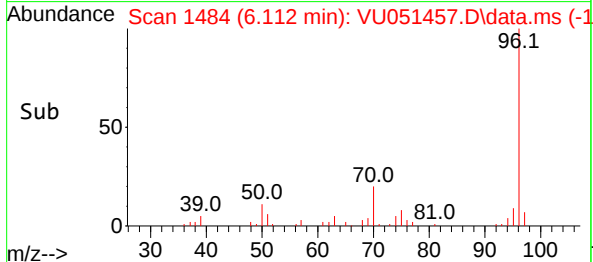
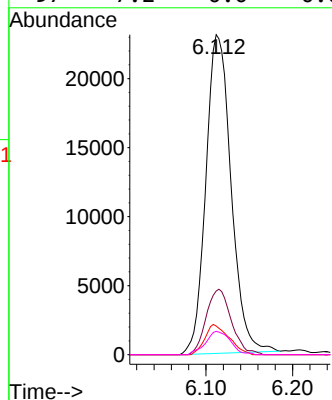
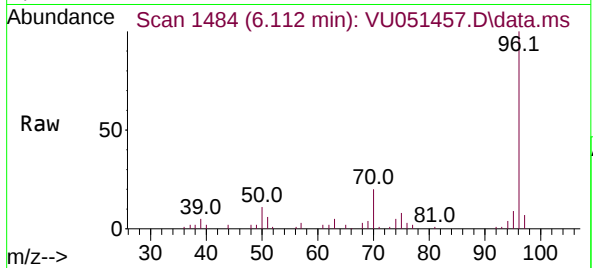




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051457.D
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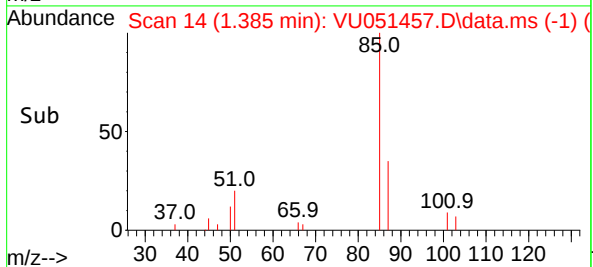
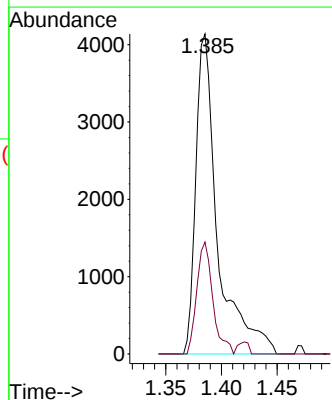
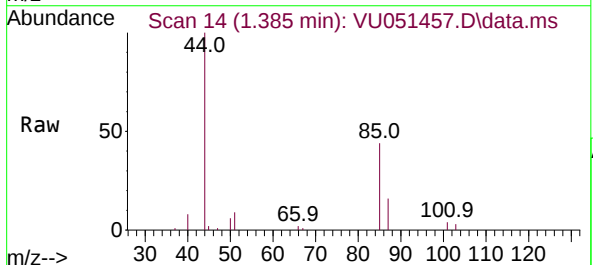
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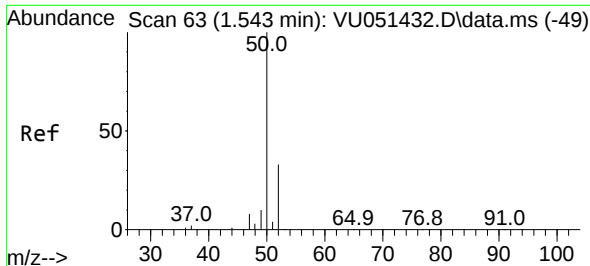
Tgt Ion: 96	Resp: 46742
Ion Ratio	Lower Upper
96 100	
70 20.4	16.7 25.1
95 9.0	7.5 11.3
97 7.2	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.344 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051457.D
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Tgt Ion: 85	Resp: 5616
Ion Ratio	Lower Upper
85 100	
87 34.9	16.4 49.4

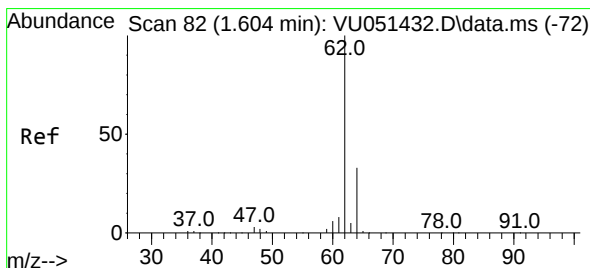
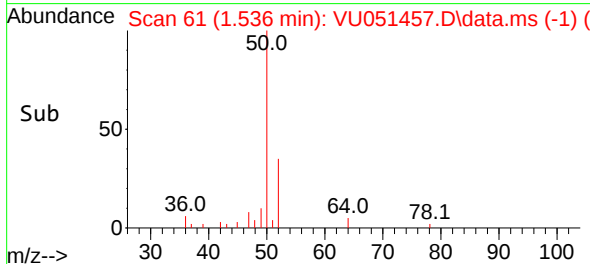
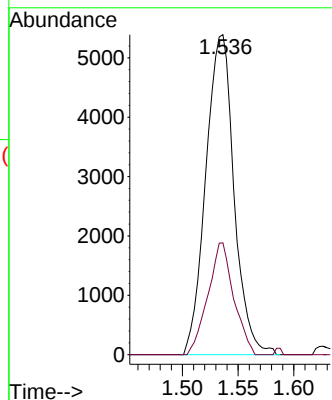
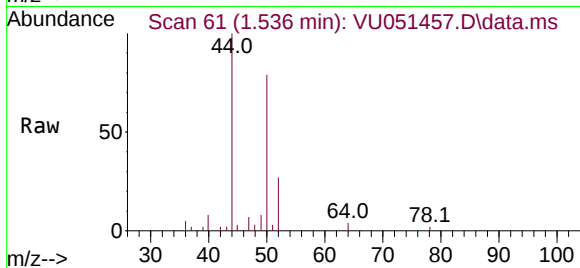




#3
Chloromethane
Concen: 0.370 ug/l
RT: 1.536 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

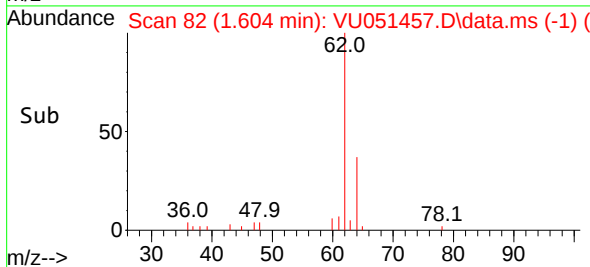
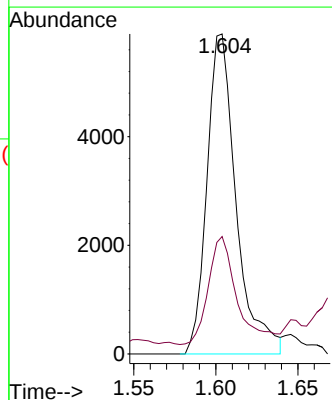
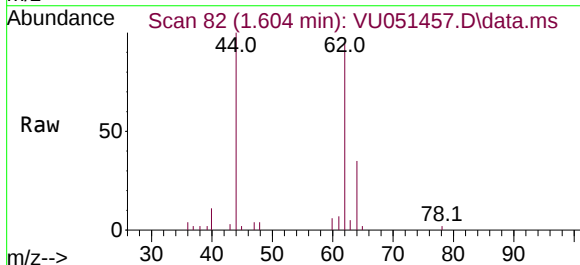
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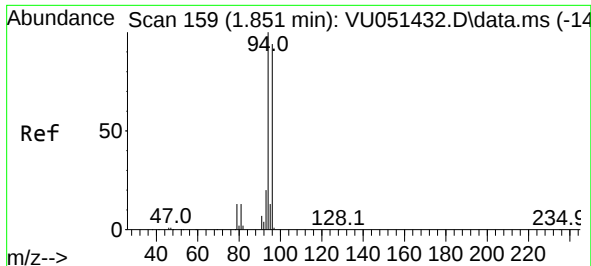
Tgt Ion: 50 Resp: 9508
Ion Ratio Lower Upper
50 100
52 35.0 26.7 40.1



#4
Vinyl Chloride
Concen: 0.327 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 62 Resp: 7286
Ion Ratio Lower Upper
62 100
64 33.8 26.7 40.1

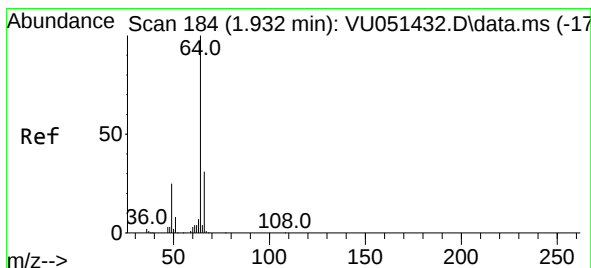
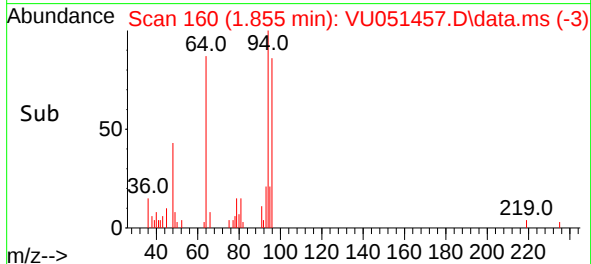
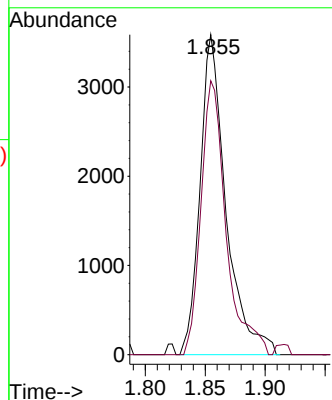
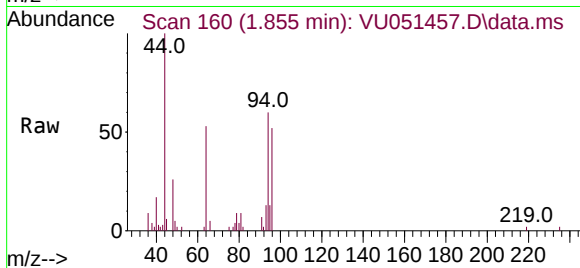




#5
Bromomethane
Concen: 0.434 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051457.D
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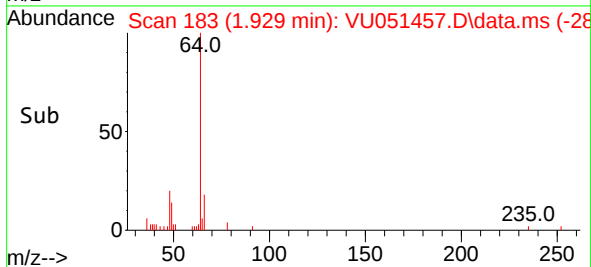
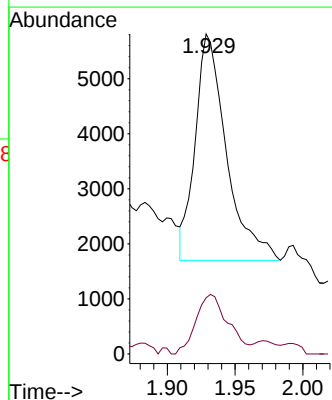
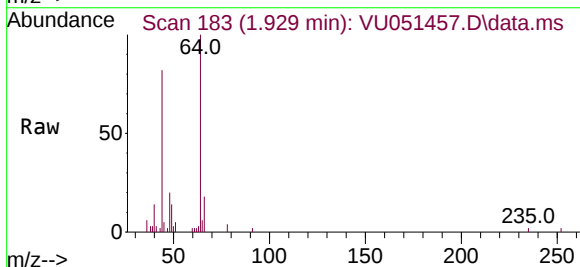
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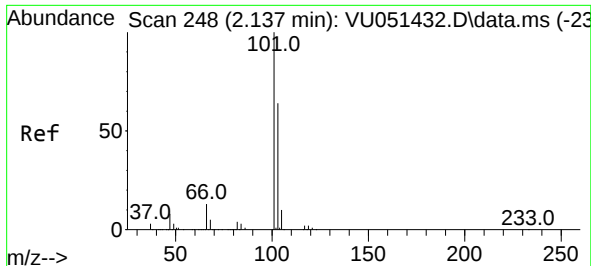
Tgt Ion: 94 Resp: 5393
Ion Ratio Lower Upper
94 100
96 85.6 74.8 112.2



#6
Chloroethane
Concen: 0.519 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 64 Resp: 6585
Ion Ratio Lower Upper
64 100
66 22.1 25.2 37.8#

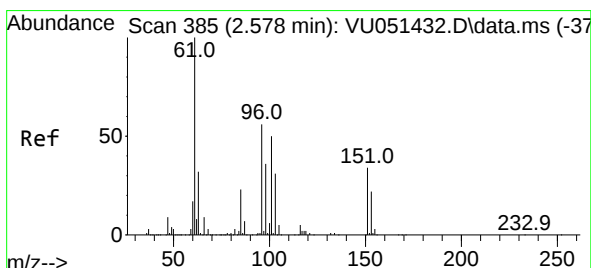
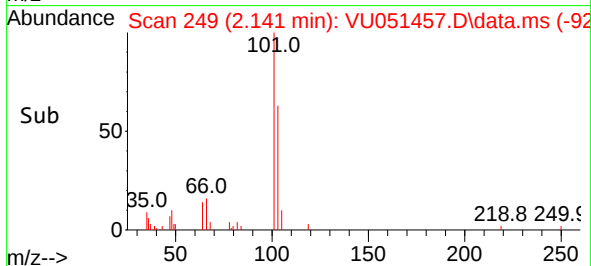
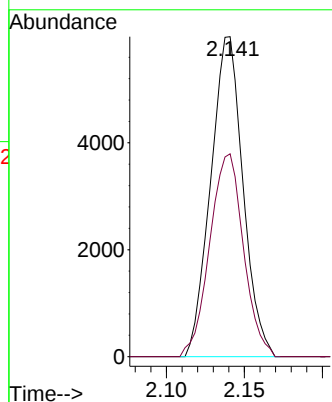
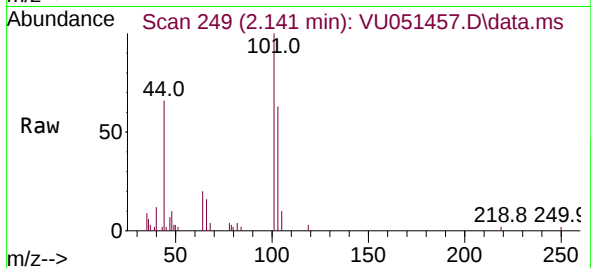




#7
Trichlorofluoromethane
Concen: 0.347 ug/l
RT: 2.141 min Scan# 248
Delta R.T. 0.003 min
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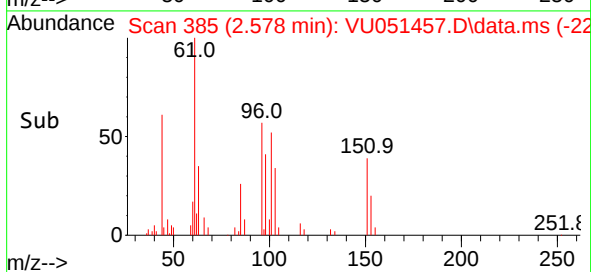
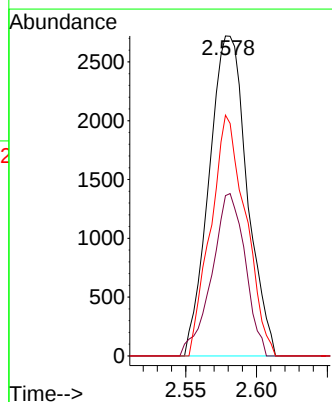
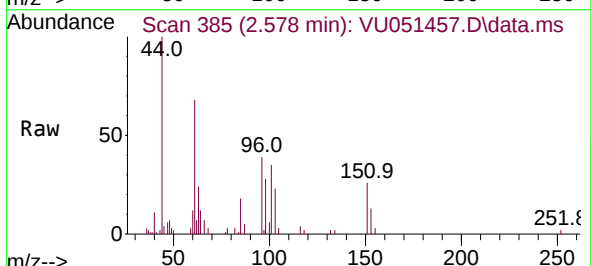
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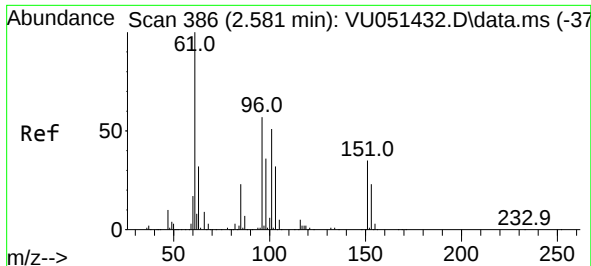
Tgt Ion:101 Resp: 8628
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.369 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051457.D
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Tgt Ion:101 Resp: 5071
Ion Ratio Lower Upper
101 100
85 44.5 36.6 54.8
151 69.4 54.6 81.8

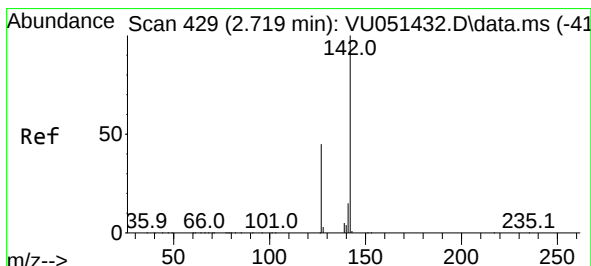
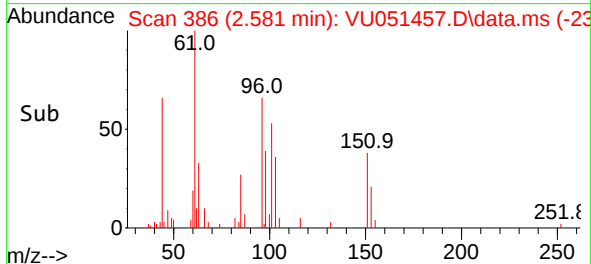
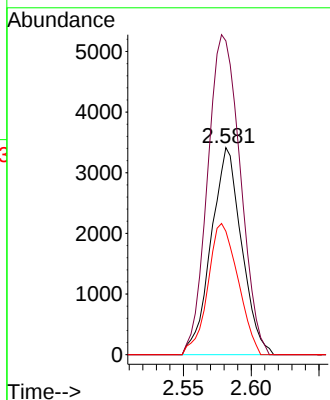
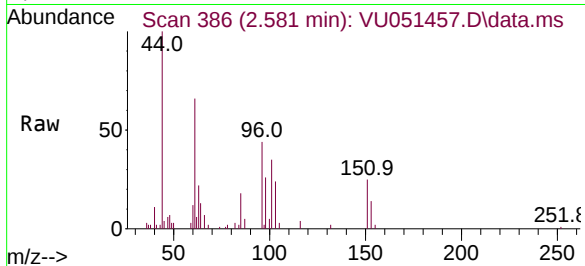




#9
1,1-Dichloroethene
Concen: 0.372 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU051457.D
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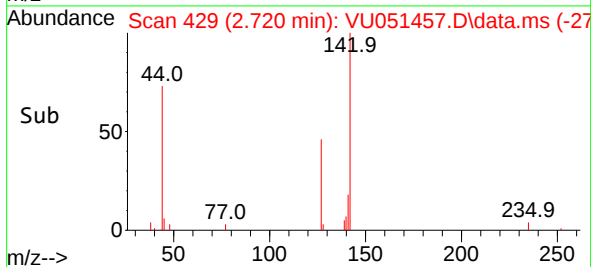
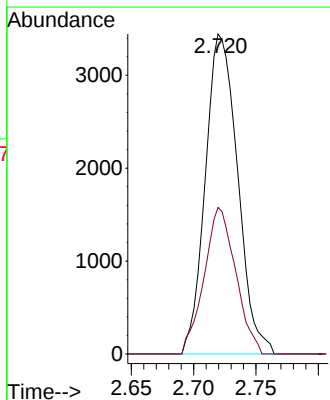
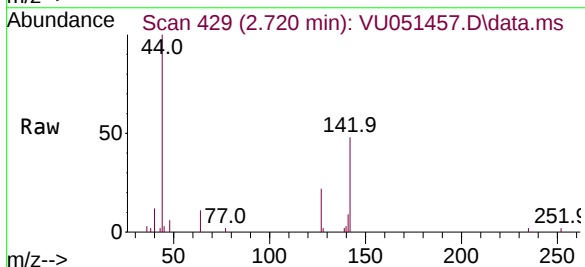
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ClientSampleId :
MDL-WATER-03-QT3-2022

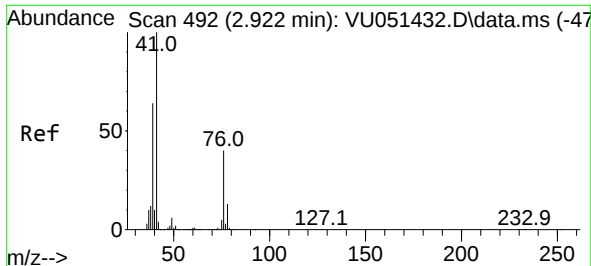
Tgt Ion: 96 Resp: 5339
Ion Ratio Lower Upper
96 100
61 151.6 0.0 522.3
98 59.6 0.0 126.6



#10
Iodomethane
Concen: 0.334 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.001 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 142 Resp: 6210
Ion Ratio Lower Upper
142 100
127 44.7 37.0 55.4





#11

Allyl Chloride

Concen: 0.377 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

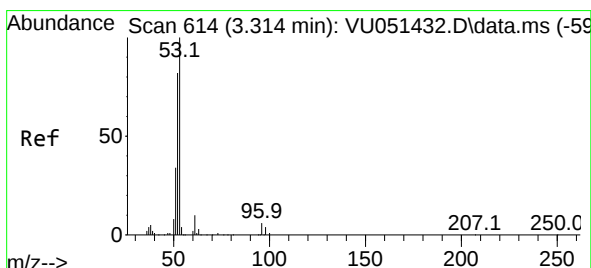
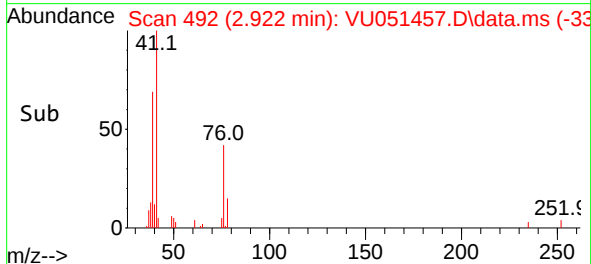
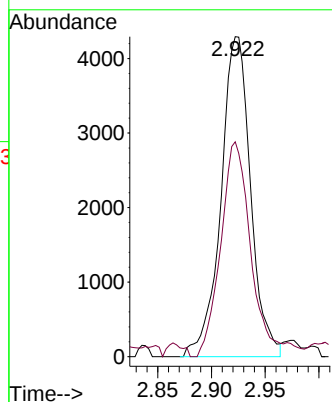
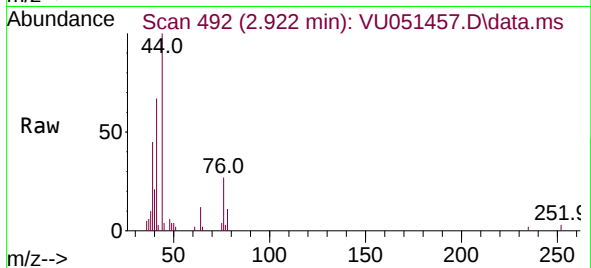
MDL-WATER-03-QT3-2022

Tgt Ion: 41 Resp: 8257

Ion Ratio Lower Upper

41 100

39 69.2 51.4 77.0



#12

Acrylonitrile

Concen: 0.756 ug/l

RT: 3.318 min Scan# 615

Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

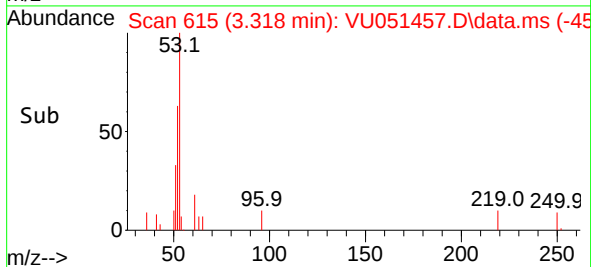
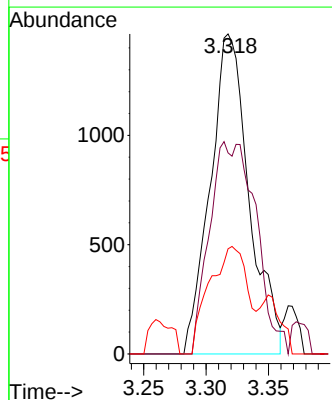
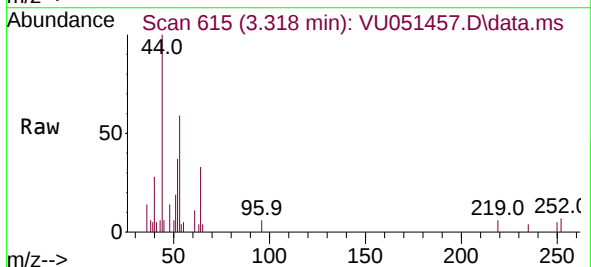
Tgt Ion: 53 Resp: 3190

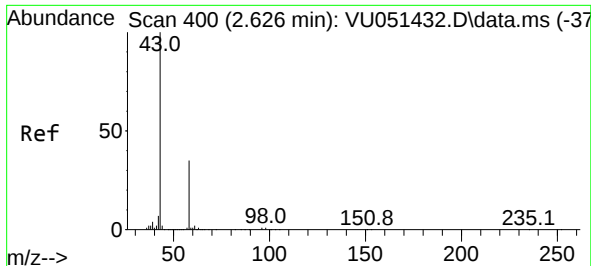
Ion Ratio Lower Upper

53 100

52 39.7 63.9 95.9#

51 33.0 25.9 38.9





#13

Acetone

Concen: 1.886 ug/l

RT: 2.636 min Scan# 400

Delta R.T. 0.010 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

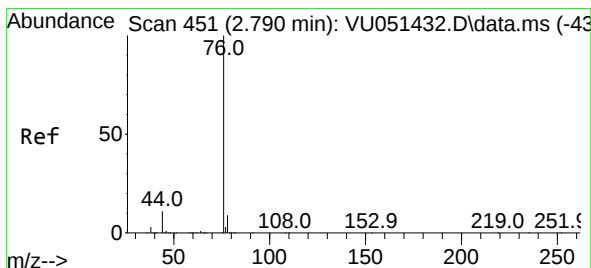
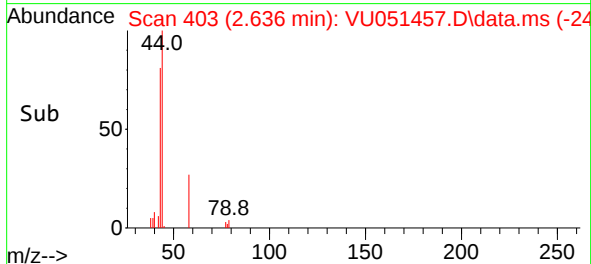
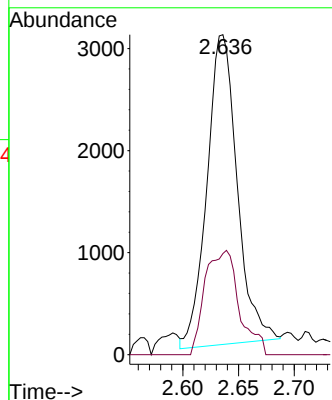
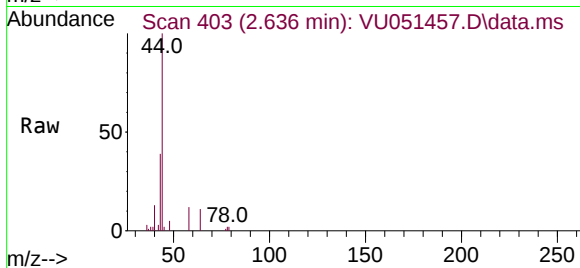
MDL-WATER-03-QT3-2022

Tgt Ion: 43 Resp: 5733

Ion Ratio Lower Upper

43 100

58 33.3 27.9 41.9



#14

Carbon Disulfide

Concen: 0.357 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051457.D

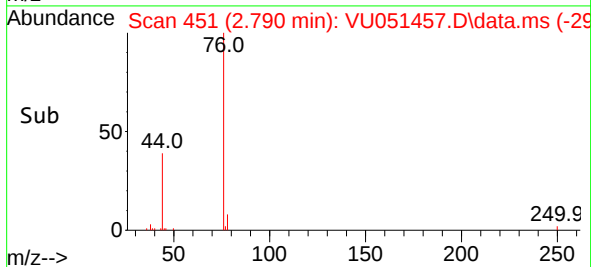
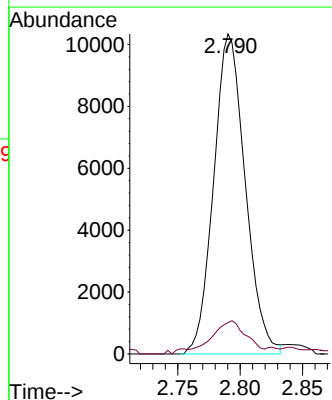
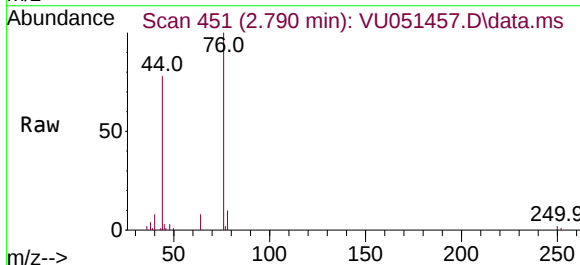
Acq: 19 Oct 2022 14:49

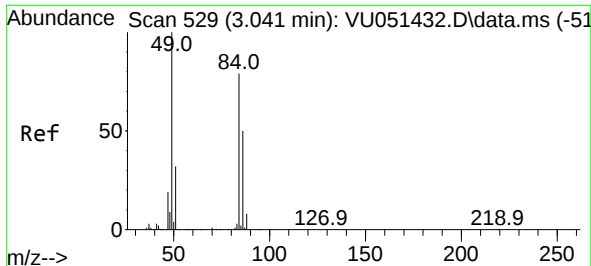
Tgt Ion: 76 Resp: 18237

Ion Ratio Lower Upper

76 100

78 8.3 7.2 10.8



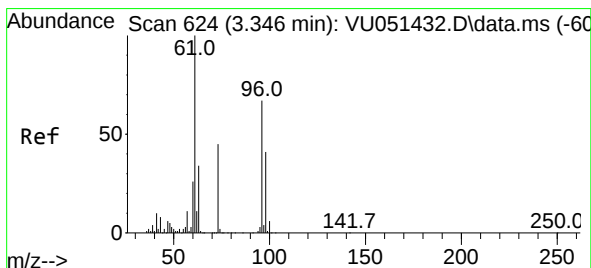
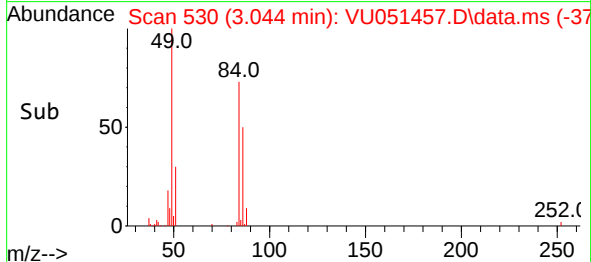
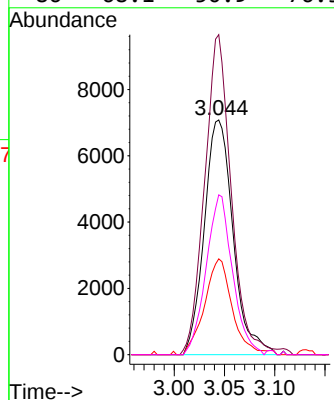
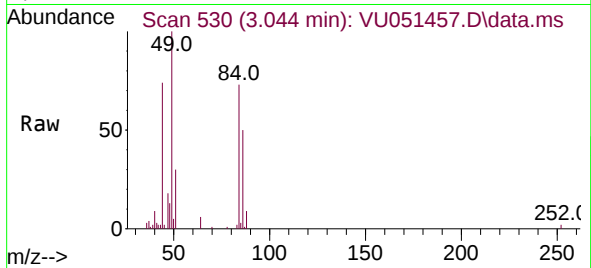


#15
Methylene Chloride
Concen: 0.672 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion: 84 Resp: 14126

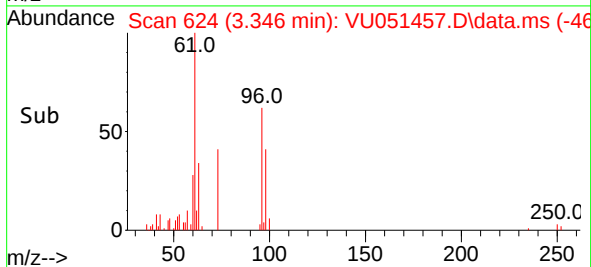
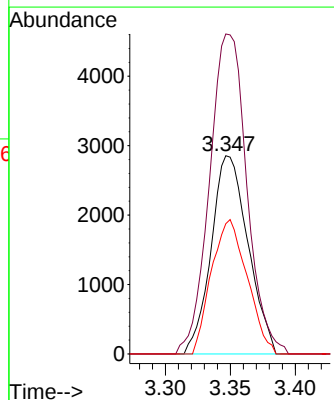
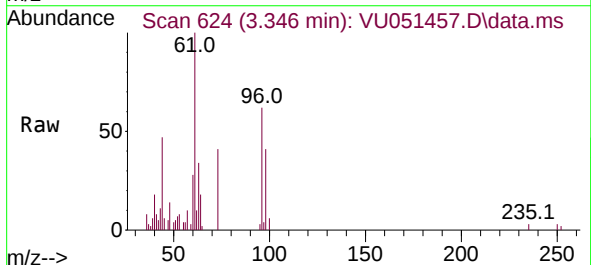
Ion	Ratio	Lower	Upper
84	100		
49	136.3	101.1	151.7
51	40.8	0.0	80.2
86	68.1	50.9	76.3

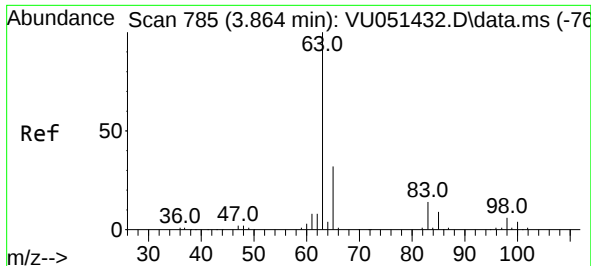


#16
trans-1,2-Dichloroethene
Concen: 0.343 ug/l
RT: 3.346 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 96 Resp: 5634

Ion	Ratio	Lower	Upper
96	100		
61	157.0	119.9	179.9
98	65.7	49.5	74.3





#17

1,1-Dichloroethane

Concen: 0.357 ug/l

RT: 3.867 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

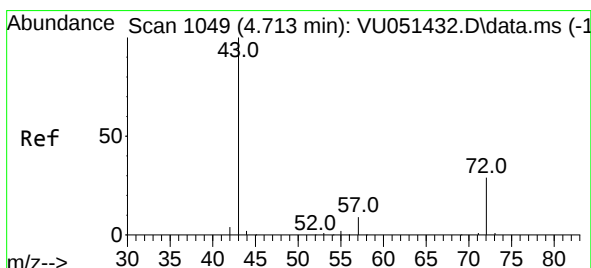
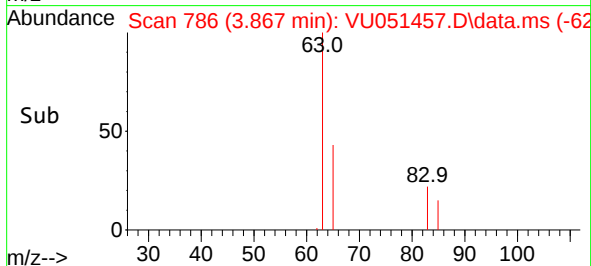
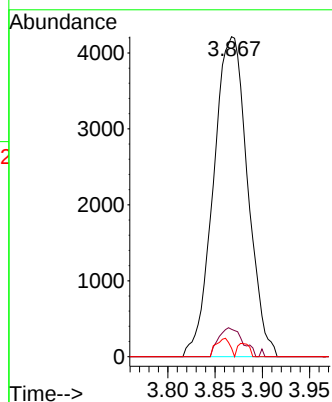
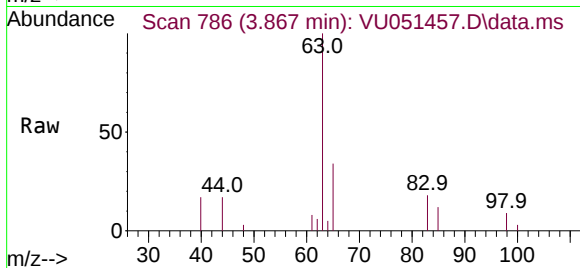
Tgt Ion: 63 Resp: 10562

Ion Ratio Lower Upper

63 100

98 8.5 3.1 9.3

100 2.7 2.1 6.3



#18

2-Butanone

Concen: 1.525 ug/l

RT: 4.729 min Scan# 1054

Delta R.T. 0.016 min

Lab File: VU051457.D

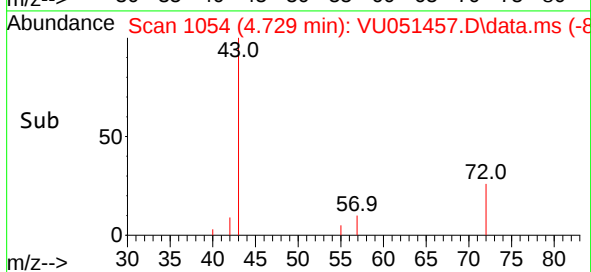
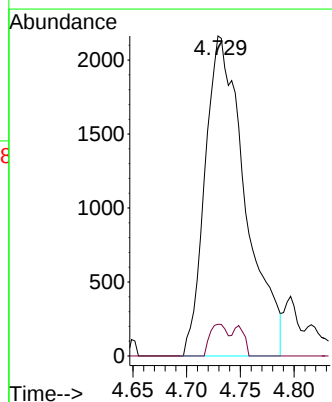
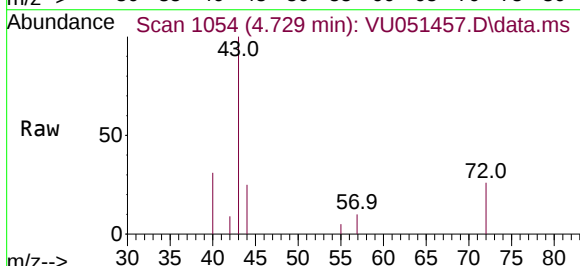
Acq: 19 Oct 2022 14:49

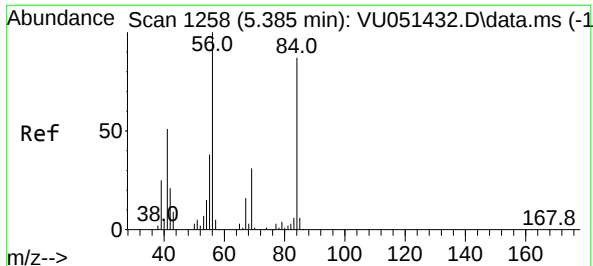
Tgt Ion: 43 Resp: 5623

Ion Ratio Lower Upper

43 100

57 9.9 0.0 18.2





#19

Cyclohexane

Concen: 0.232 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

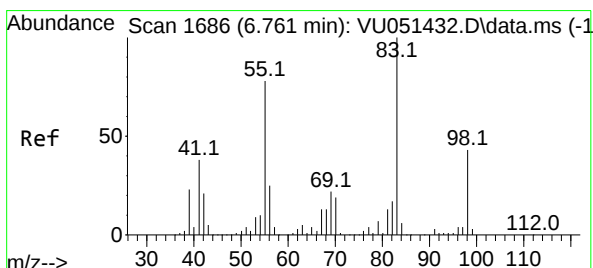
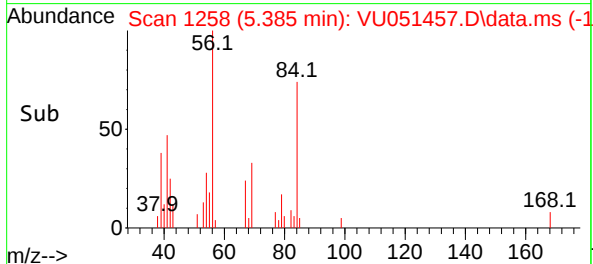
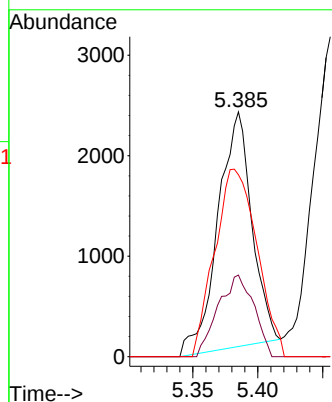
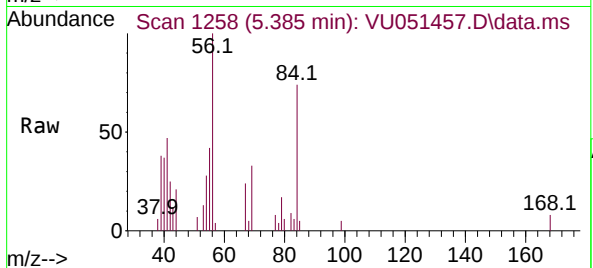
Tgt Ion: 56 Resp: 4251

Ion Ratio Lower Upper

56 100

69 36.3 25.0 37.4

84 99.3 68.5 102.7



#20

Methylcyclohexane

Concen: 0.254 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

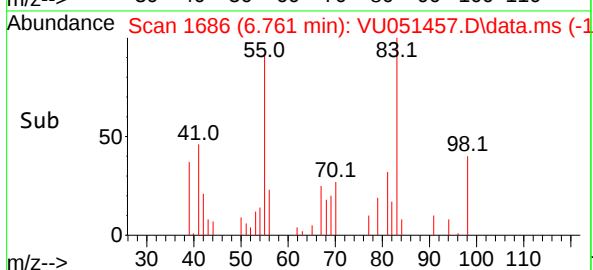
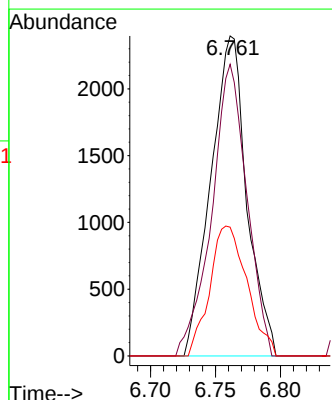
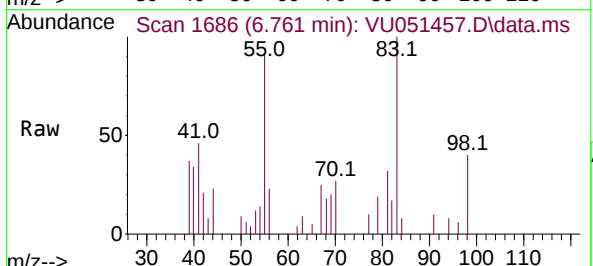
Tgt Ion: 83 Resp: 4620

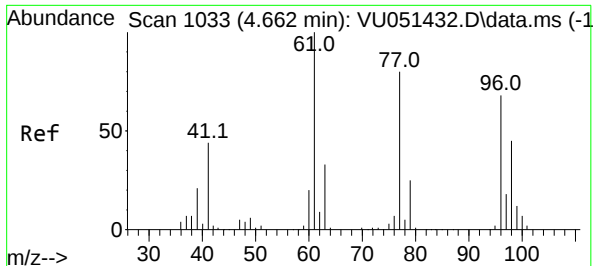
Ion Ratio Lower Upper

83 100

55 88.7 62.4 93.6

98 41.9 35.5 53.3





#21

2,2-Dichloropropane

Concen: 0.369 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

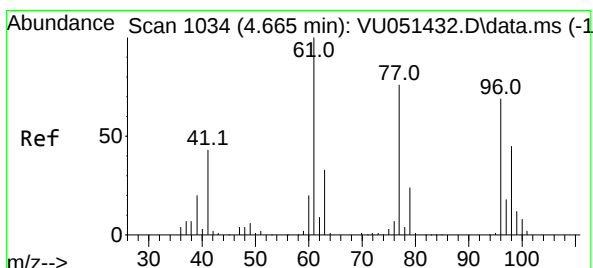
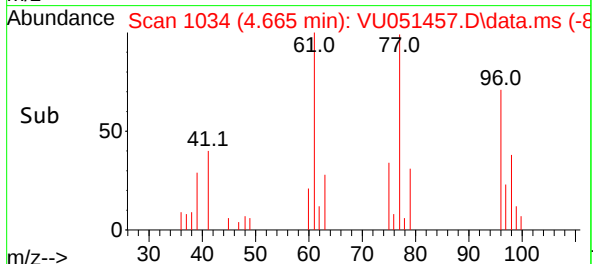
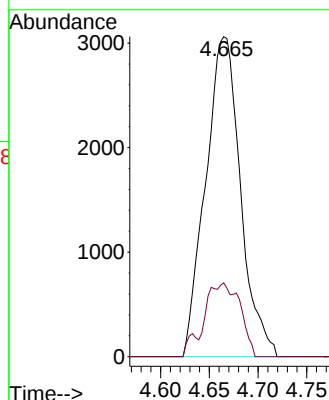
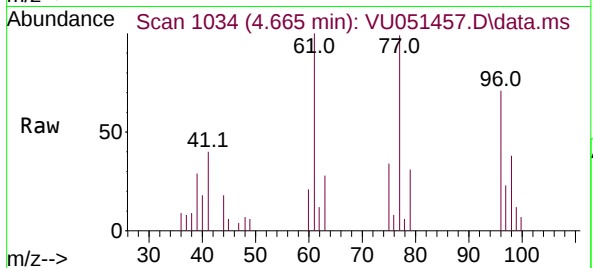
MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 7617

Ion Ratio Lower Upper

77 100

97 21.6 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 0.299 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

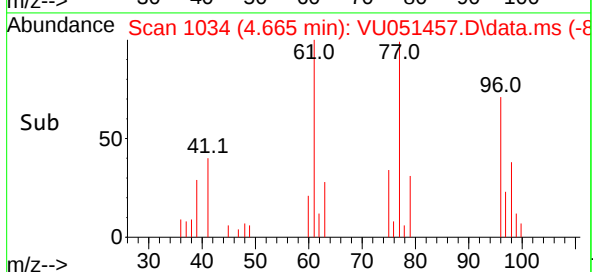
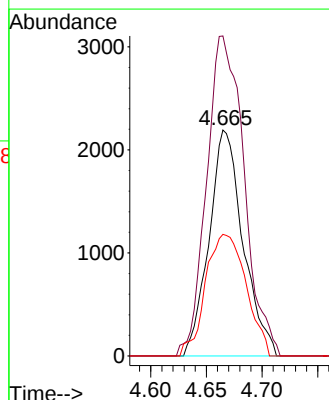
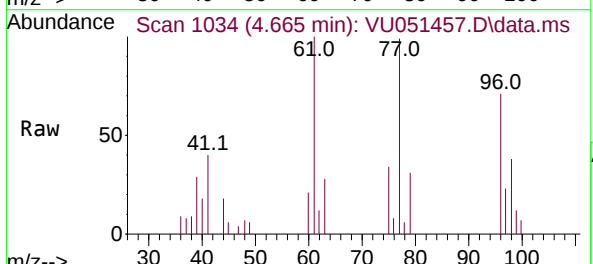
Tgt Ion: 96 Resp: 4658

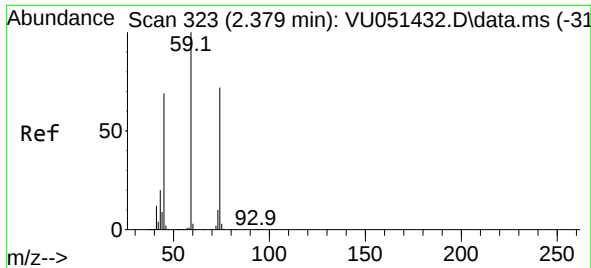
Ion Ratio Lower Upper

96 100

61 155.9 0.0 362.8

98 64.1 32.5 97.5

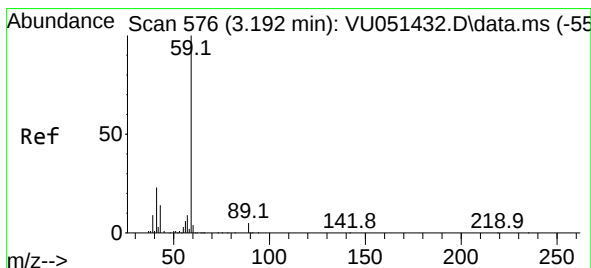
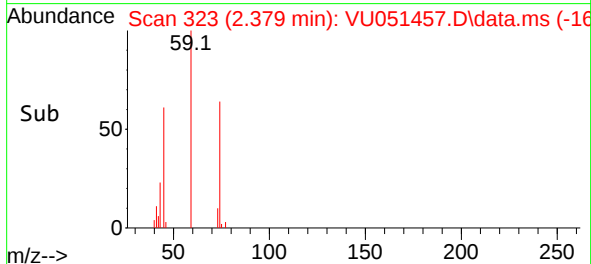
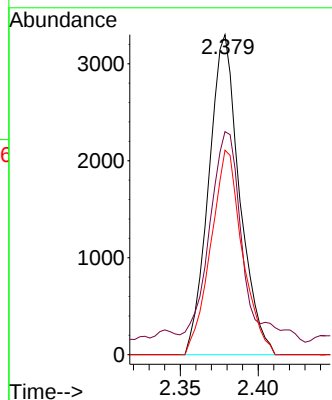
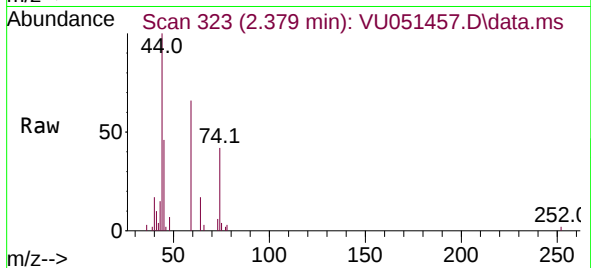




#23
Diethyl Ether
Concen: 0.362 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

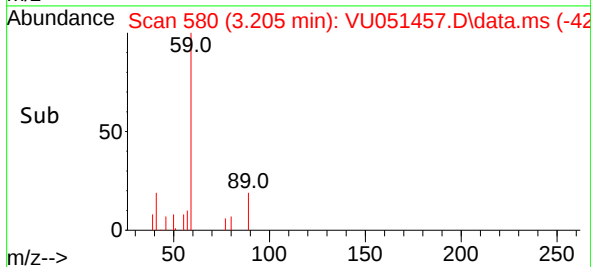
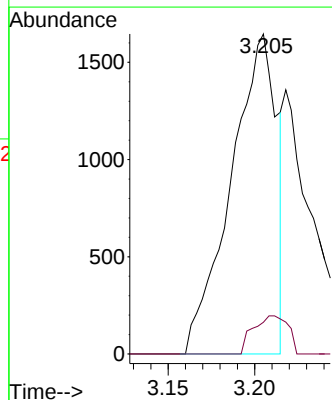
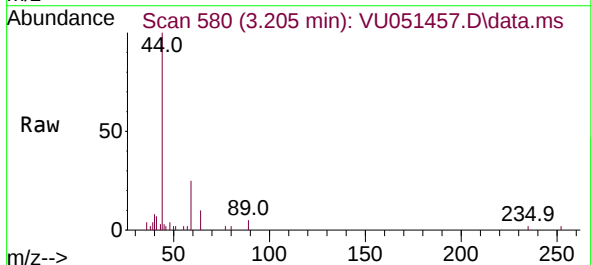
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

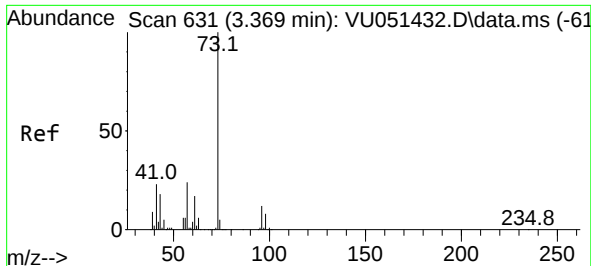
Tgt Ion: 59 Resp: 4536
Ion Ratio Lower Upper
59 100
45 70.2 55.7 83.5
74 65.4 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 2.299 ug/l
RT: 3.205 min Scan# 580
Delta R.T. 0.013 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 59 Resp: 3020
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.8

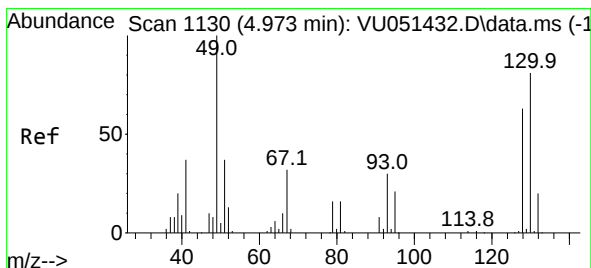
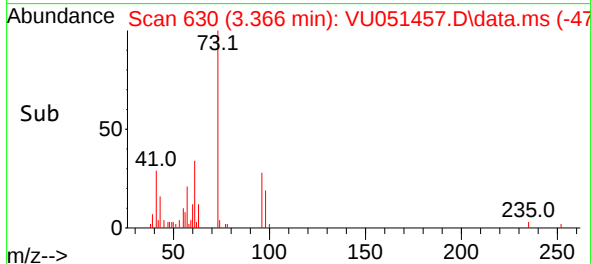
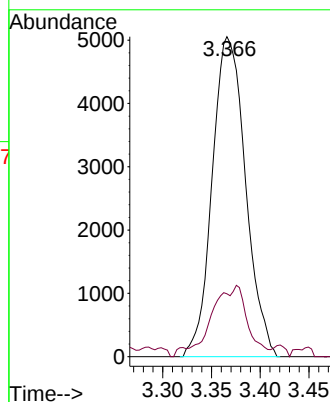
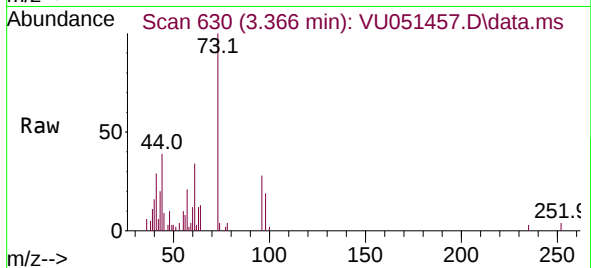




#25
Methyl tert-Butyl Ether
Concen: 0.322 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

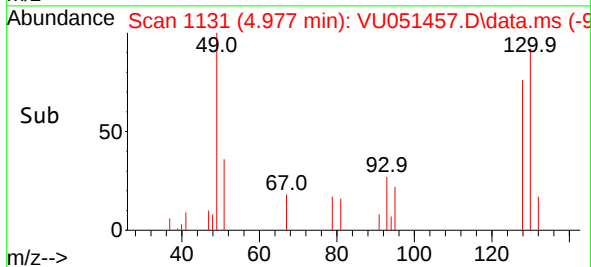
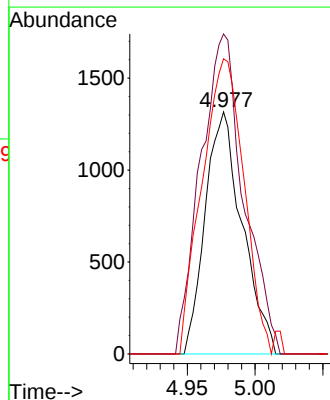
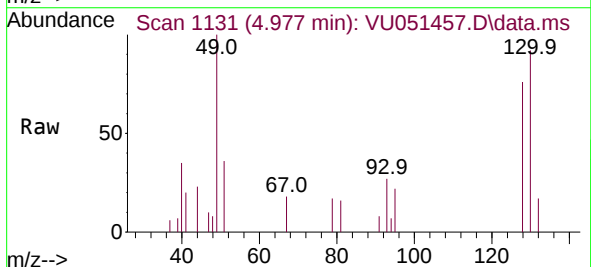
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

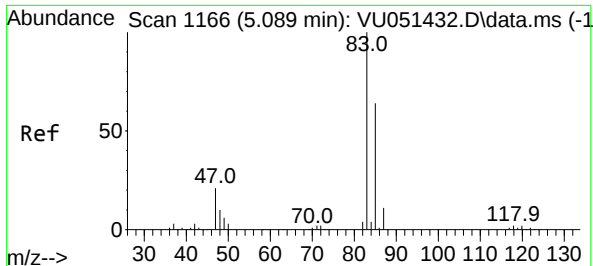
Tgt Ion: 73 Resp: 12022
Ion Ratio Lower Upper
73 100
43 10.0 14.2 21.4#



#26
Bromochloromethane
Concen: 0.330 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 128 Resp: 2500
Ion Ratio Lower Upper
128 100
49 154.3 0.0 320.4
130 137.9 105.0 157.6





#27

Chloroform

Concen: 0.346 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

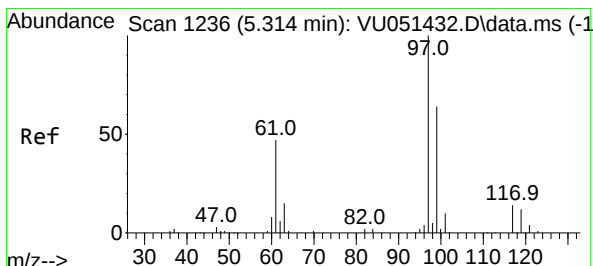
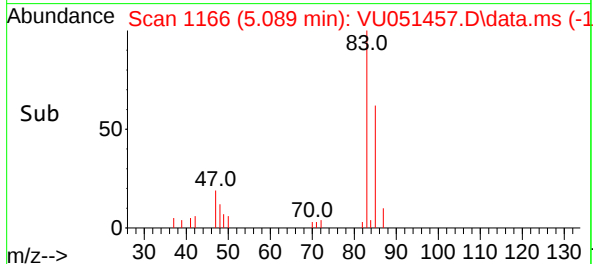
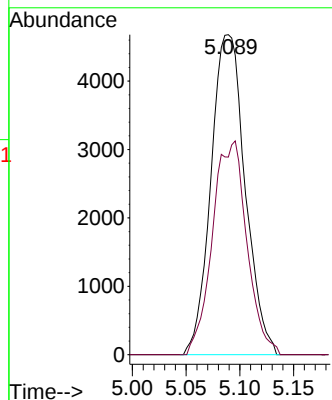
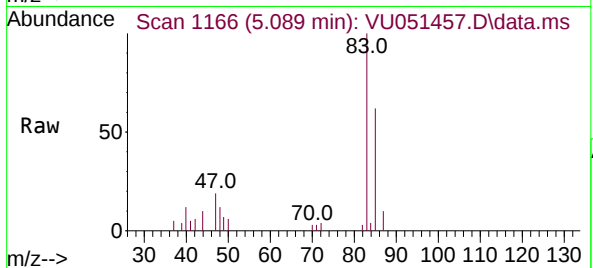
MDL-WATER-03-QT3-2022

Tgt Ion: 83 Resp: 10350

Ion Ratio Lower Upper

83 100

85 61.7 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 0.328 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

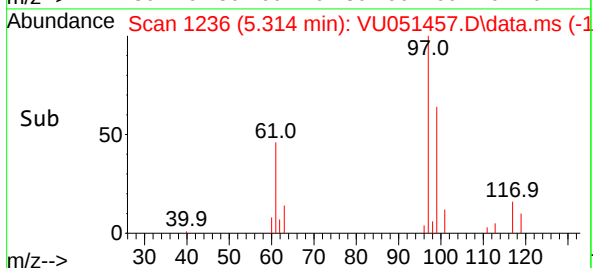
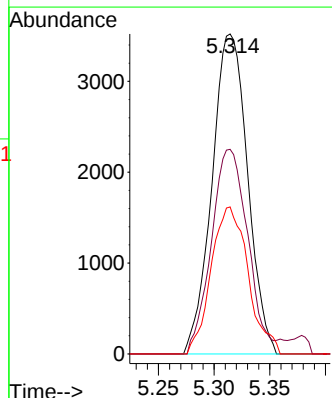
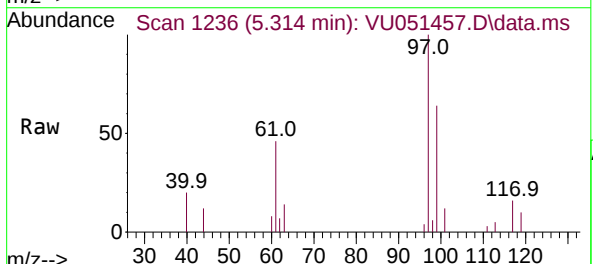
Tgt Ion: 97 Resp: 7845

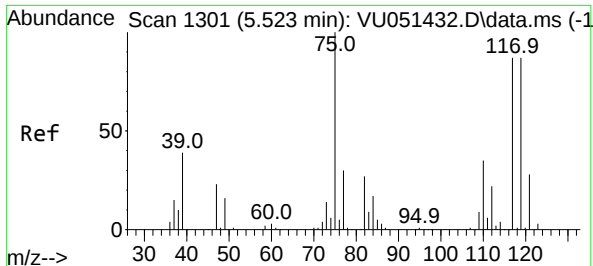
Ion Ratio Lower Upper

97 100

99 65.4 31.8 95.4

61 47.6 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.287 ug/l

RT: 5.523 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

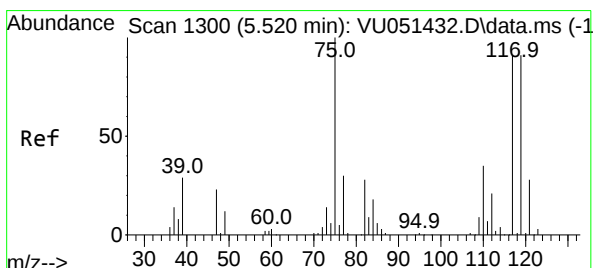
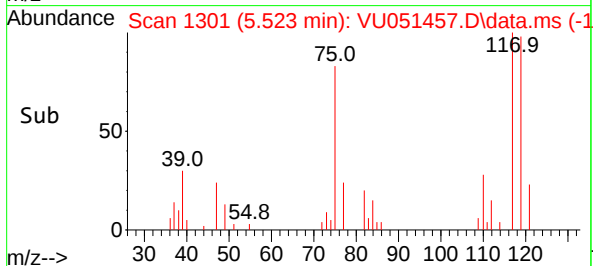
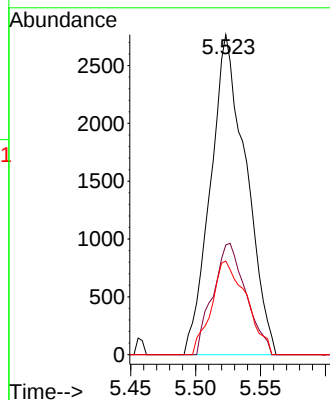
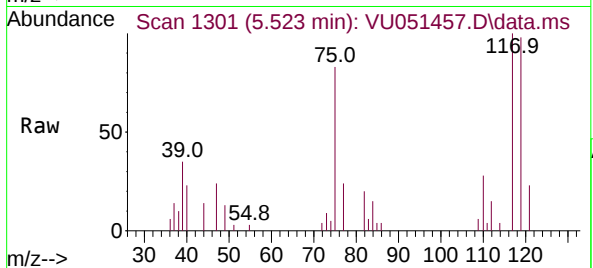
Tgt Ion: 75 Resp: 5256

Ion Ratio Lower Upper

75 100

110 32.4 17.8 53.3

77 28.8 24.2 36.4



#30

Carbon Tetrachloride

Concen: 0.351 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

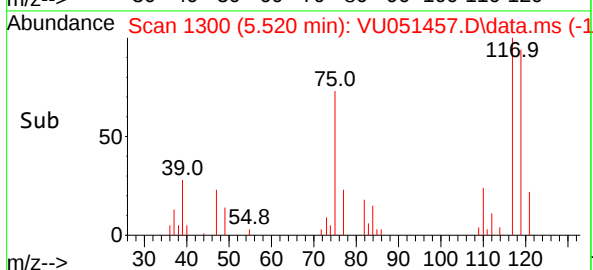
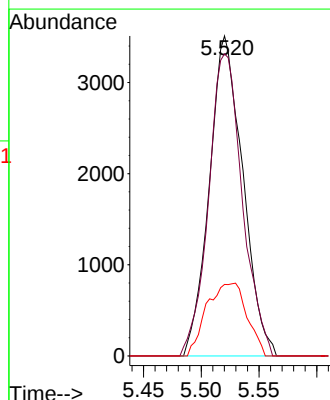
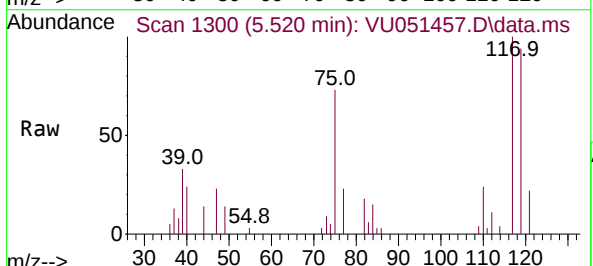
Tgt Ion: 117 Resp: 7075

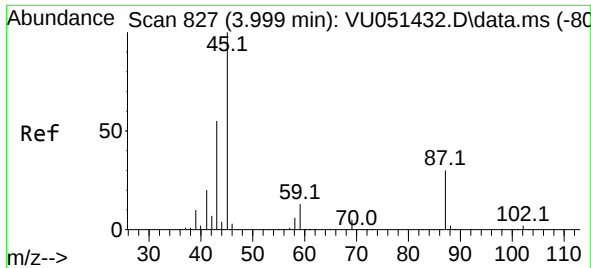
Ion Ratio Lower Upper

117 100

119 94.4 80.0 120.0

121 22.4 24.9 37.3#

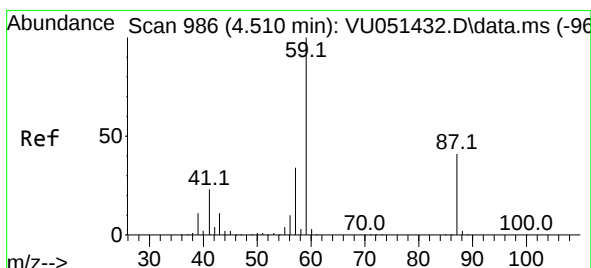
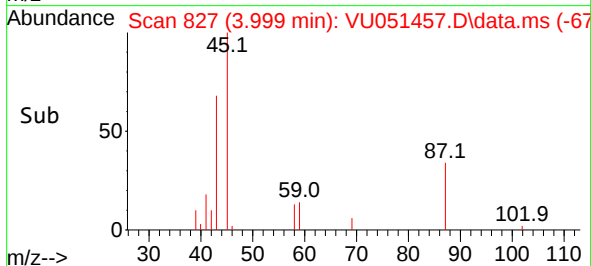
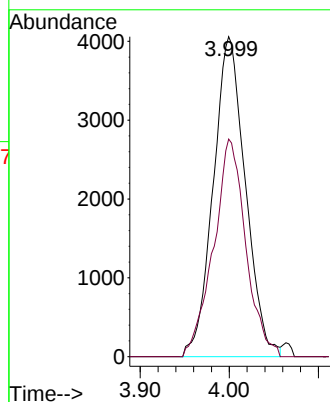
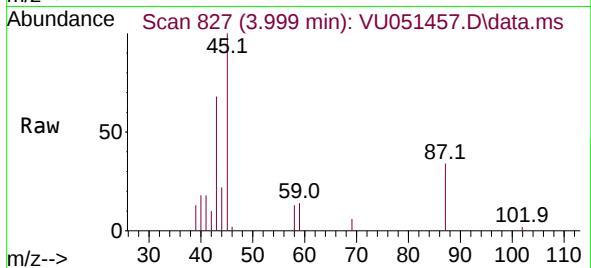




#31
Isopropyl Ether
Concen: 0.291 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

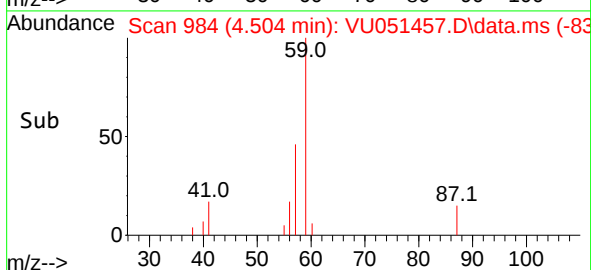
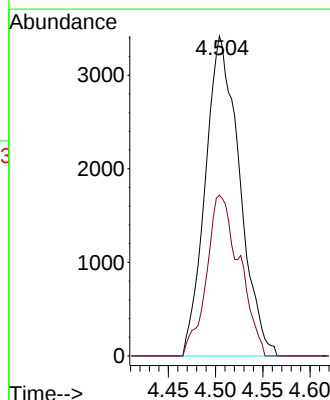
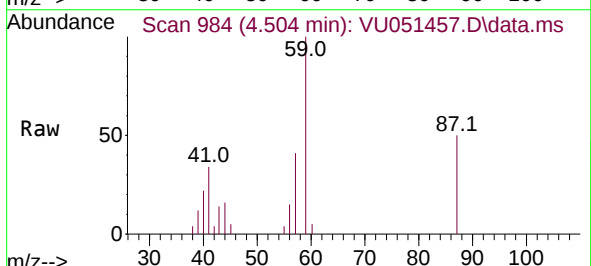
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

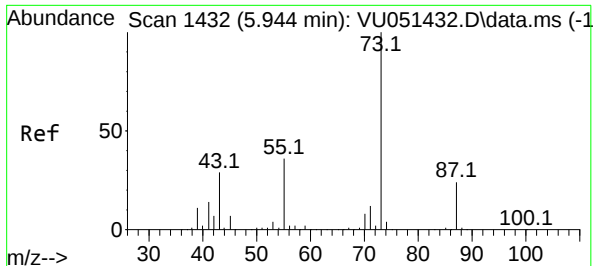
Tgt Ion: 45 Resp: 10170
Ion Ratio Lower Upper
45 100
43 68.2 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 0.269 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 59 Resp: 8581
Ion Ratio Lower Upper
59 100
87 48.5 33.8 50.8

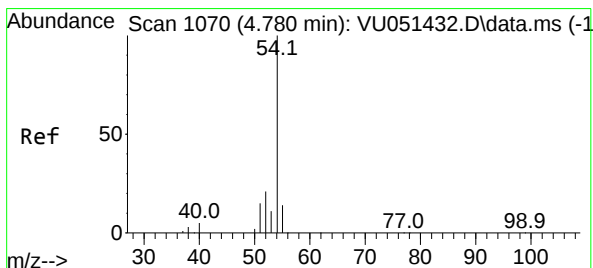
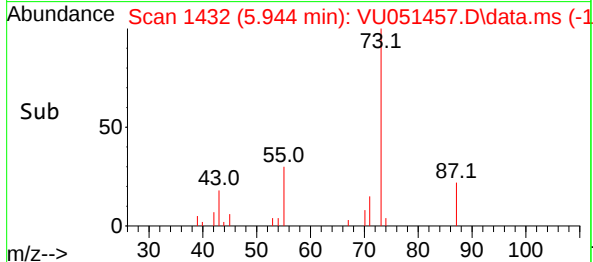
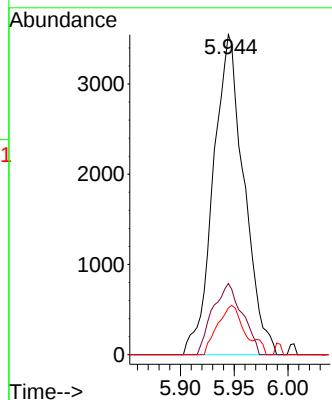
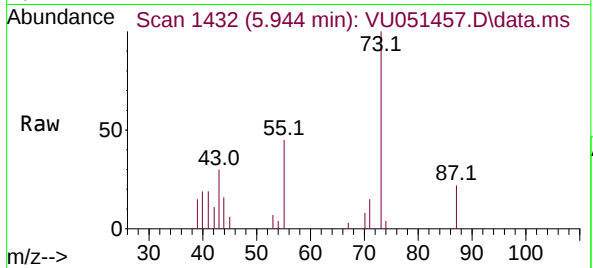




#33
Tert-Amyl methyl ether
Concen: 0.251 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

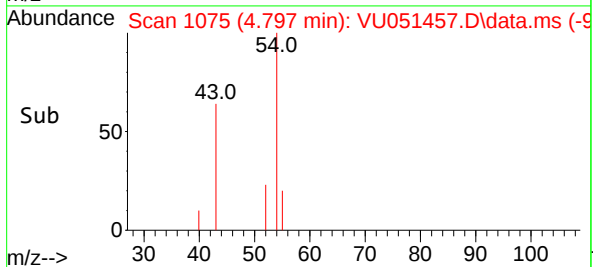
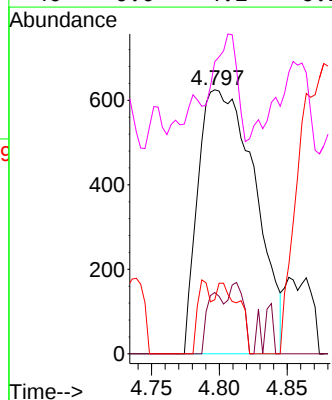
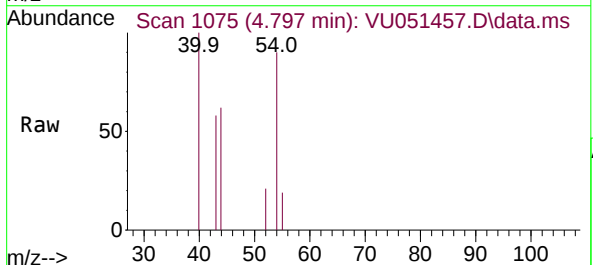
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

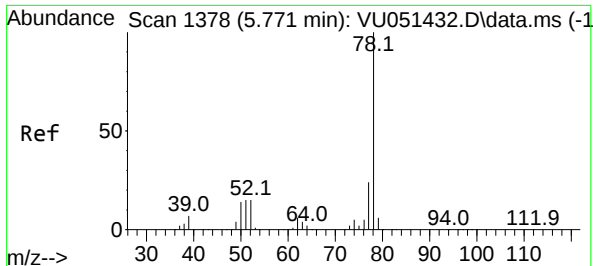
Tgt Ion: 73	Resp: 7054
Ion Ratio	Lower Upper
73	100
87	21.4 18.9 28.3
71	13.8 9.4 14.2



#34
Propionitrile
Concen: 1.467 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.016 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 54	Resp: 1819
Ion Ratio	Lower Upper
54	100
52	6.8 16.4 24.6#
55	10.1 11.5 17.3#
40	0.0 4.2 6.2#





#35

Benzene

Concen: 0.303 ug/l

RT: 5.774 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

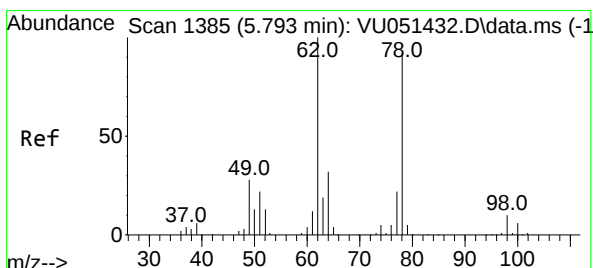
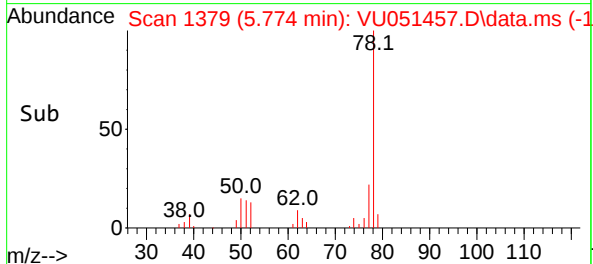
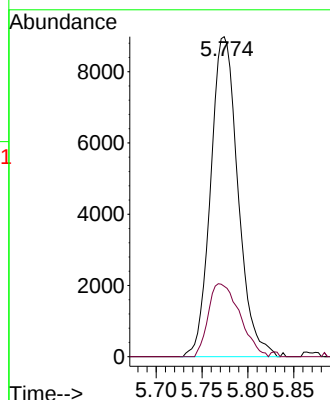
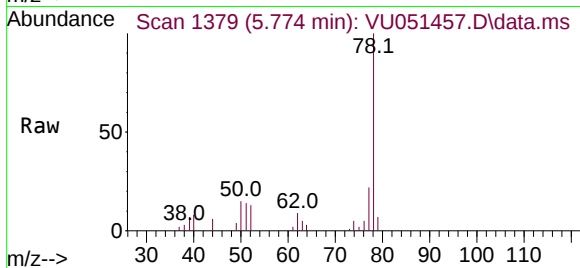
MDL-WATER-03-QT3-2022

Tgt Ion: 78 Resp: 18632

Ion Ratio Lower Upper

78 100

77 22.0 19.0 28.6



#36

1,2-Dichloroethane

Concen: 0.326 ug/l

RT: 5.797 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU051457.D

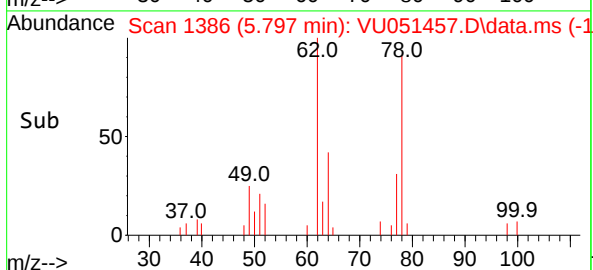
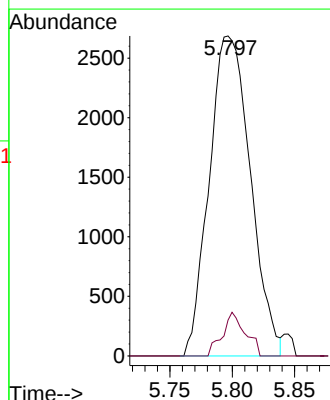
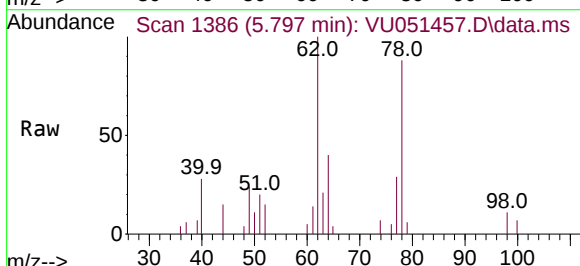
Acq: 19 Oct 2022 14:49

Tgt Ion: 62 Resp: 6175

Ion Ratio Lower Upper

62 100

98 7.6 7.4 11.2

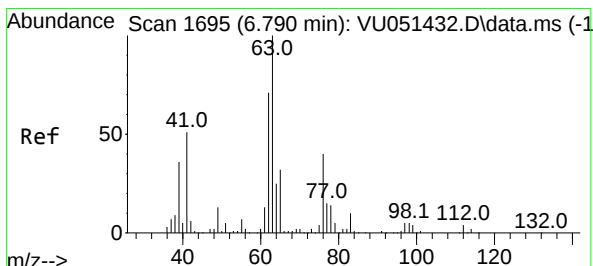
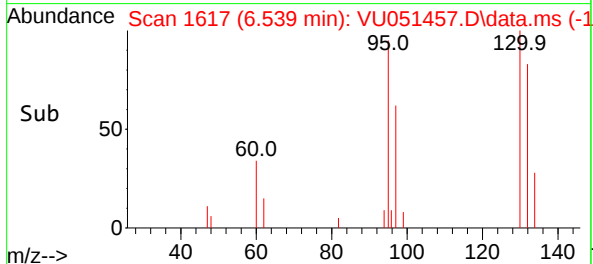
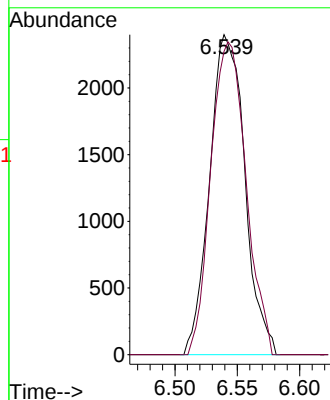
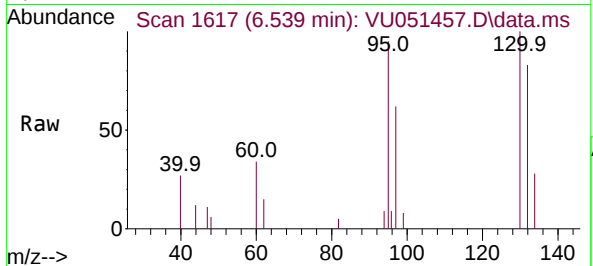




#37
Trichloroethene
Concen: 0.326 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

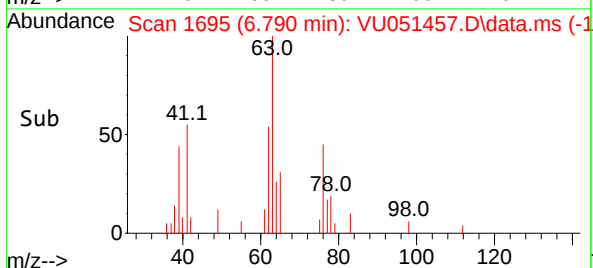
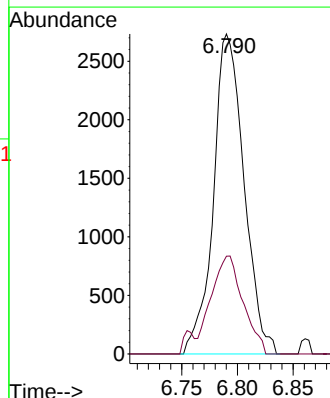
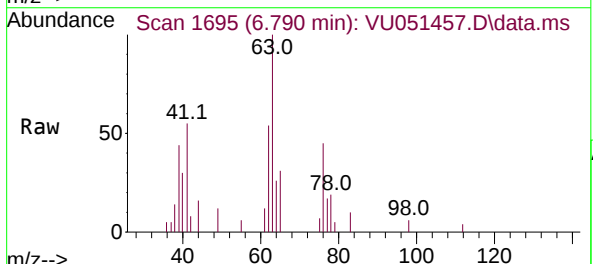
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

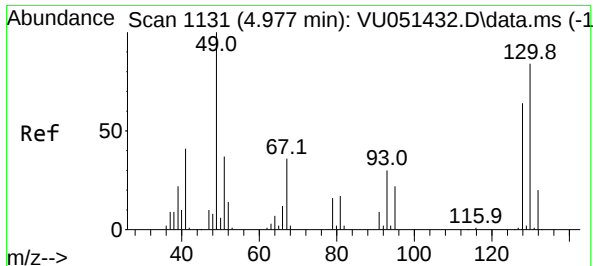
Tgt Ion:130 Resp: 4707
Ion Ratio Lower Upper
130 100
95 94.8 80.2 120.4



#38
1,2-Dichloropropane
Concen: 0.310 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 63 Resp: 5223
Ion Ratio Lower Upper
63 100
65 30.6 25.4 38.2





#39

Methacrylonitrile

Concen: 0.298 ug/l

RT: 4.983 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VU051457.D

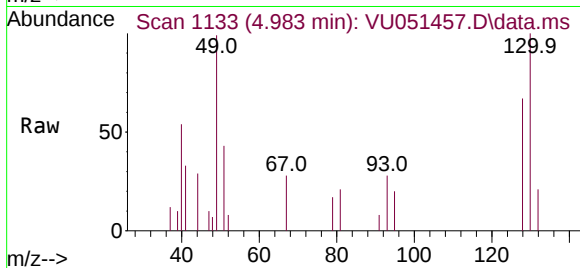
Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion: 41 Resp: 1261

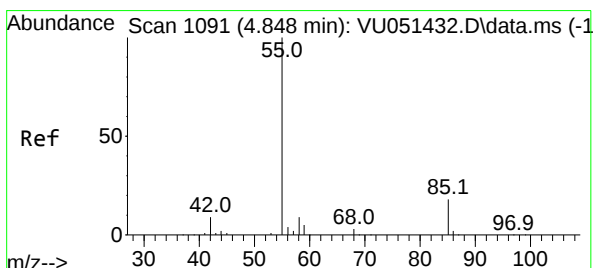
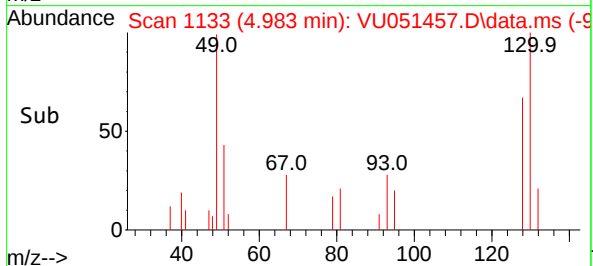
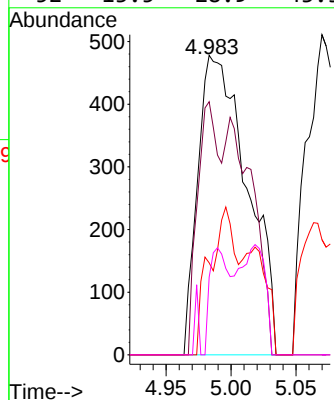
Ion Ratio Lower Upper

41 100

67 38.2 69.6 104.4#

39 25.8 42.2 63.4#

52 13.5 28.9 43.3#



#40

Methyl acrylate

Concen: 0.245 ug/l

RT: 4.877 min Scan# 1100

Delta R.T. 0.029 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Tgt Ion: 55 Resp: 1655

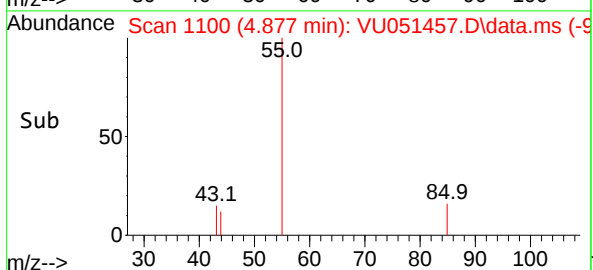
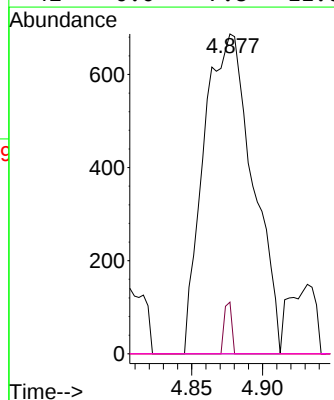
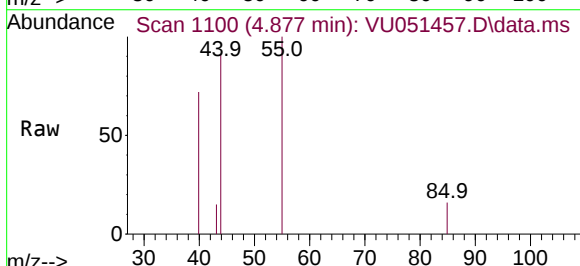
Ion Ratio Lower Upper

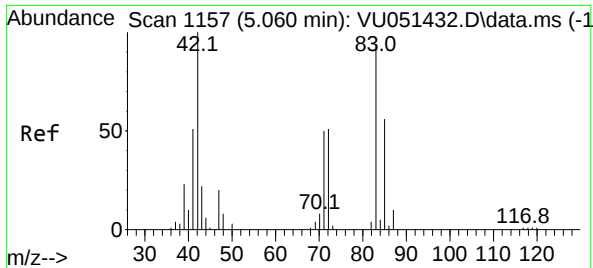
55 100

85 0.0 15.0 22.6#

58 0.0 7.5 11.3#

42 0.0 7.8 11.6#

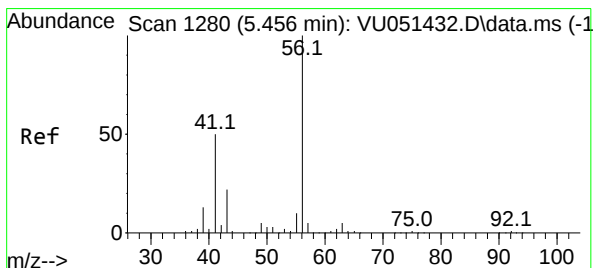
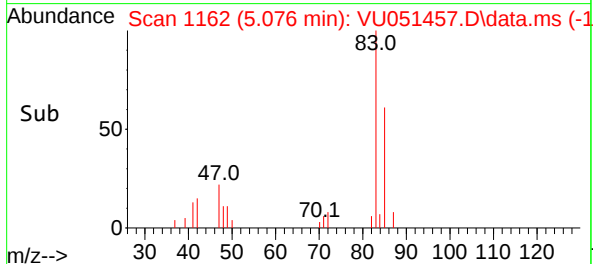
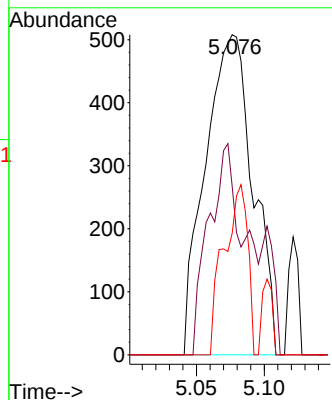
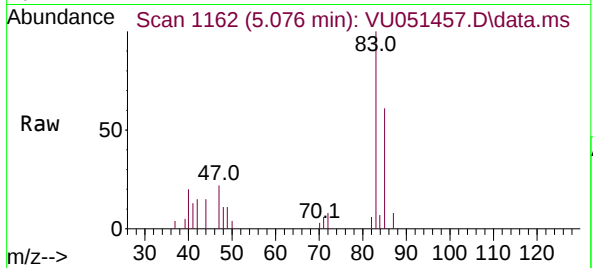




#41
Tetrahydrofuran
Concen: 0.559 ug/l
RT: 5.076 min Scan# 1157
Delta R.T. 0.016 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

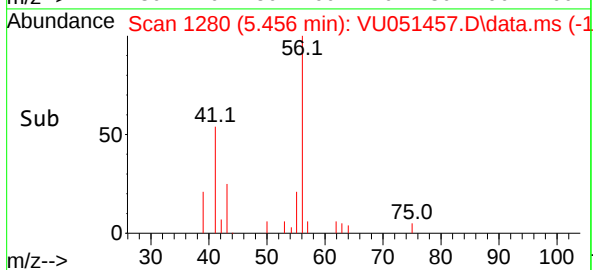
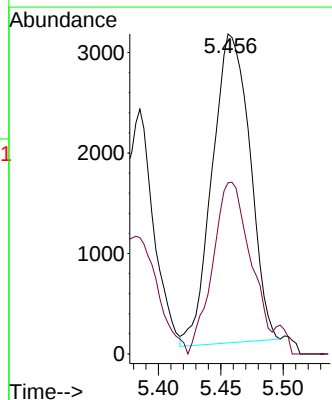
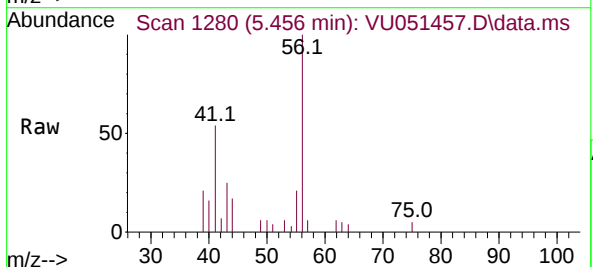
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

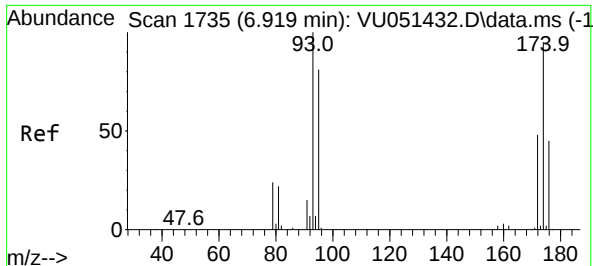
Tgt Ion:	42	Resp:	1245
Ion	Ratio	Lower	Upper
42	100		
72	38.2	42.6	64.0#
71	26.6	38.3	57.5#



#42
1-Chlorobutane
Concen: 0.259 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:	56	Resp:	6471
Ion	Ratio	Lower	Upper
56	100		
41	56.1	24.8	74.4

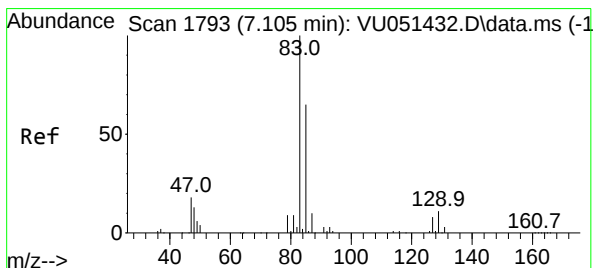
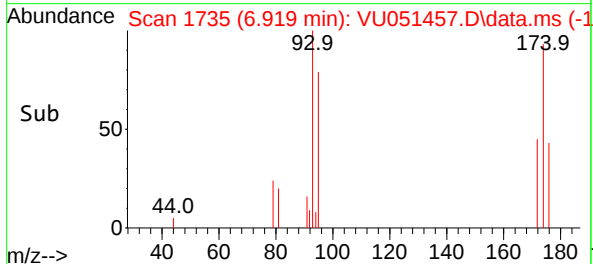
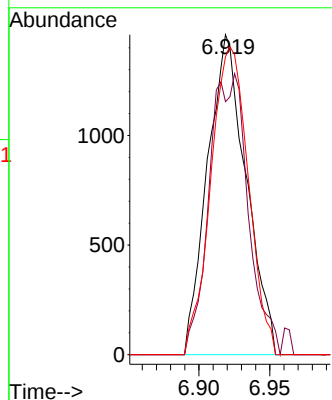
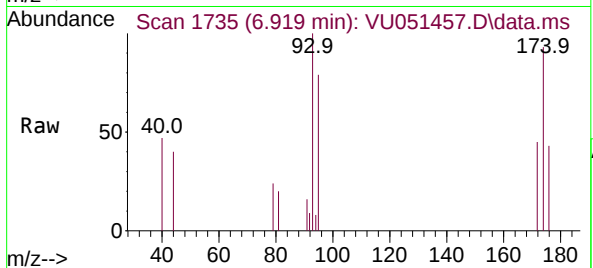




#43
Dibromomethane
Concen: 0.316 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

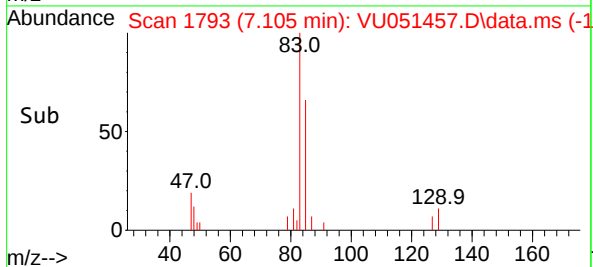
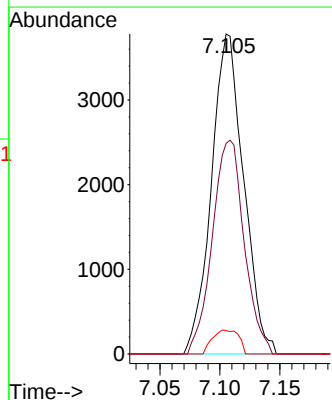
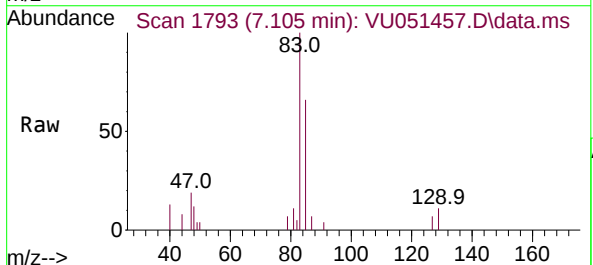
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 93 Resp: 2765
Ion Ratio Lower Upper
93 100
95 42.4 66.7 100.1#
174 93.9 75.5 113.3



#44
Bromodichloromethane
Concen: 0.333 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 83 Resp: 7057
Ion Ratio Lower Upper
83 100
85 65.8 52.1 78.1
127 7.3 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 1.244 ug/l

RT: 7.800 min Scan# 2007

Delta R.T. 0.007 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

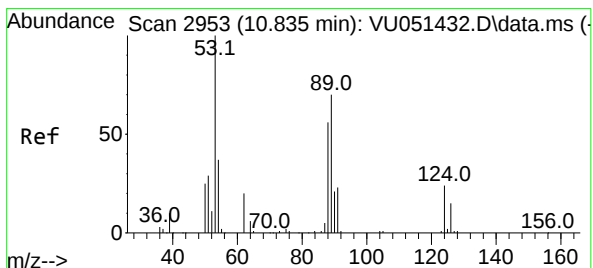
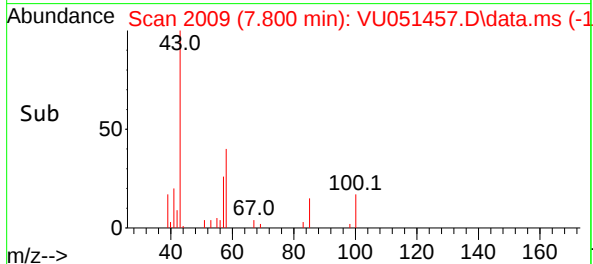
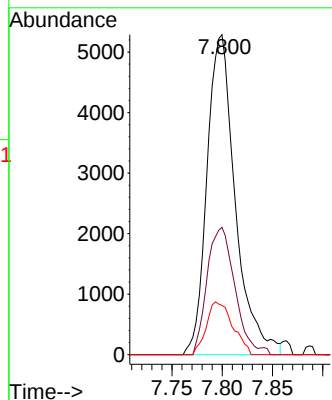
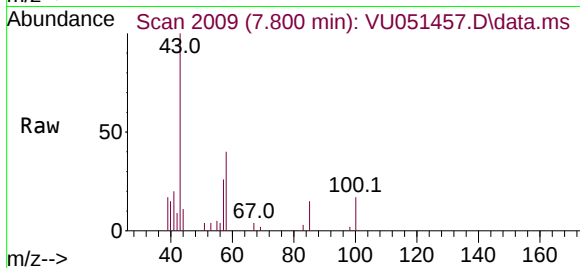
Tgt Ion: 43 Resp: 10356

Ion Ratio Lower Upper

43 100

58 39.1 21.4 64.3

85 15.3 15.4 23.0#



#46

t-1,4-Dichloro-2-butene

Concen: 1.128 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Tgt Ion: 75 Resp: 5243

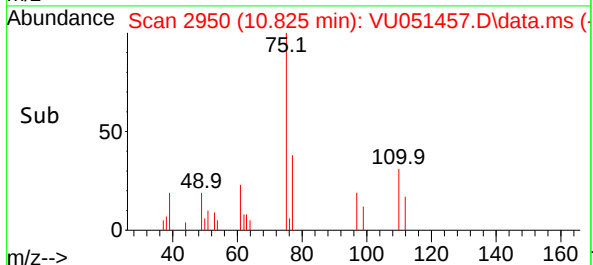
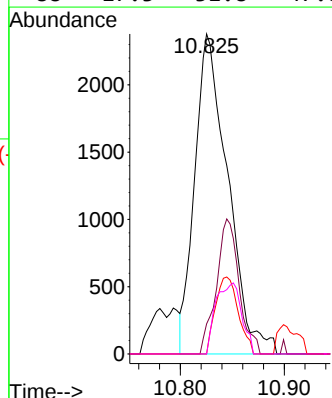
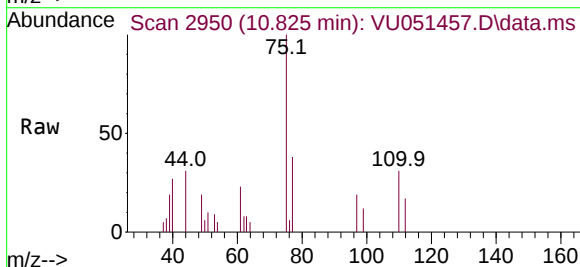
Ion Ratio Lower Upper

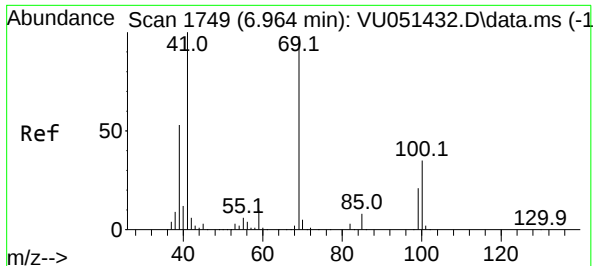
75 100

53 29.0 61.1 91.7#

89 16.6 41.0 61.6#

88 17.3 31.8 47.8#





#47

Methyl methacrylate

Concen: 0.472 ug/l

RT: 6.970 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 69 Resp: 3155

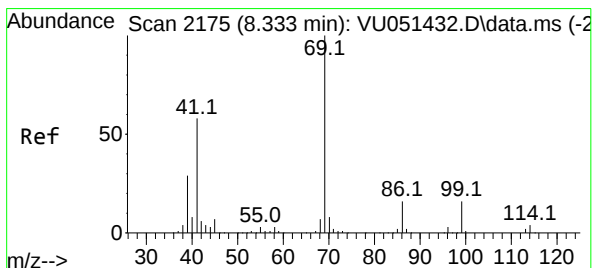
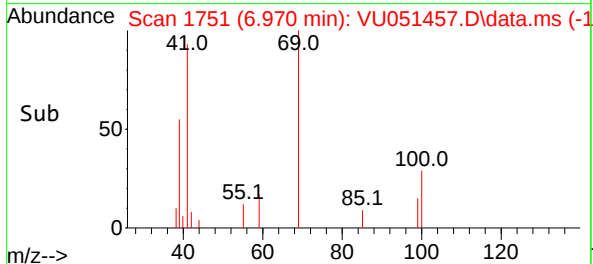
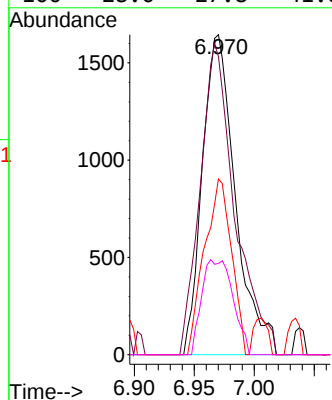
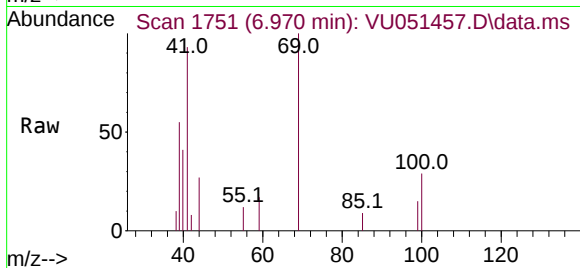
Ion Ratio Lower Upper

69 100

41 101.7 0.0 200.8

39 45.0 44.1 66.1

100 28.0 27.8 41.8



#48

Ethyl methacrylate

Concen: 0.213 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.004 min

Lab File: VU051457.D

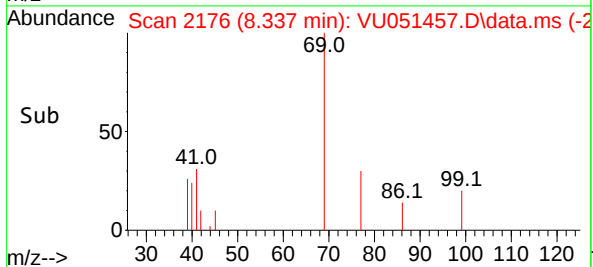
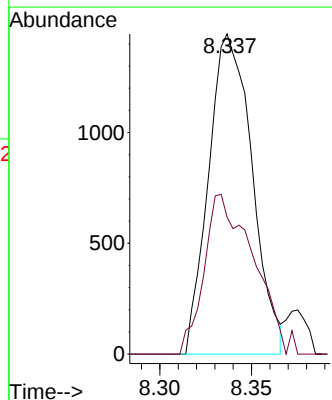
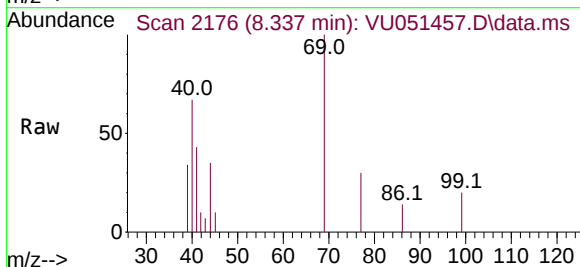
Acq: 19 Oct 2022 14:49

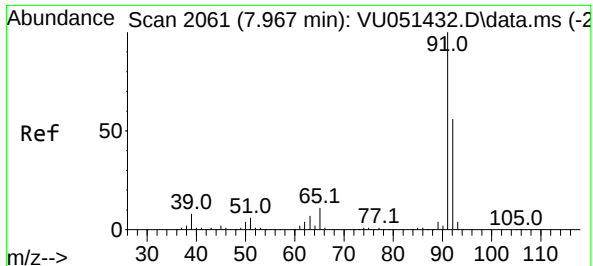
Tgt Ion: 69 Resp: 2381

Ion Ratio Lower Upper

69 100

41 56.9 28.8 86.5





#49

Toluene

Concen: 0.219 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

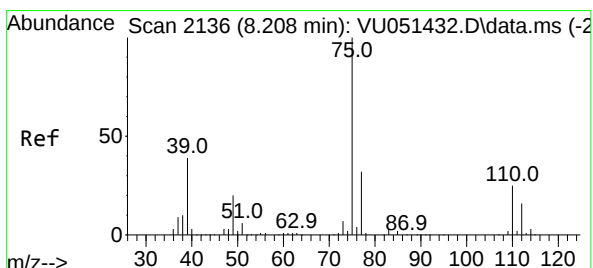
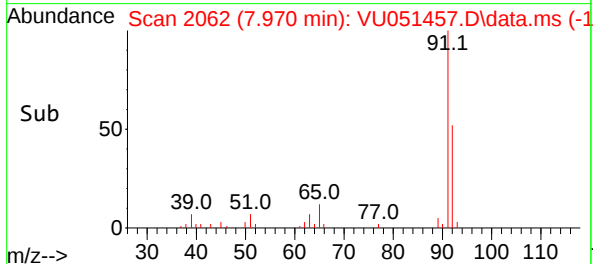
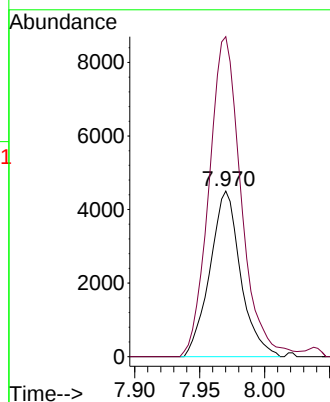
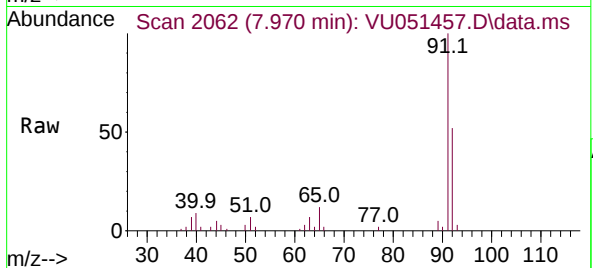
MDL-WATER-03-QT3-2022

Tgt Ion: 92 Resp: 7380

Ion Ratio Lower Upper

92 100

91 202.6 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.260 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.007 min

Lab File: VU051457.D

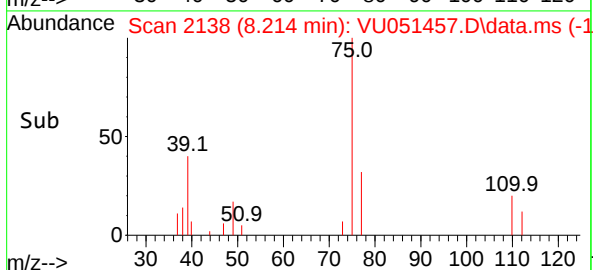
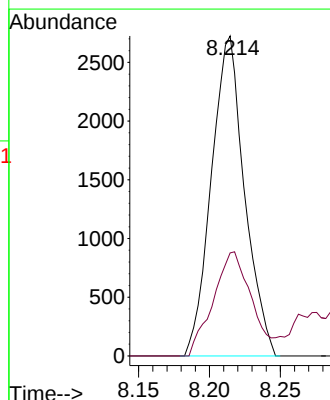
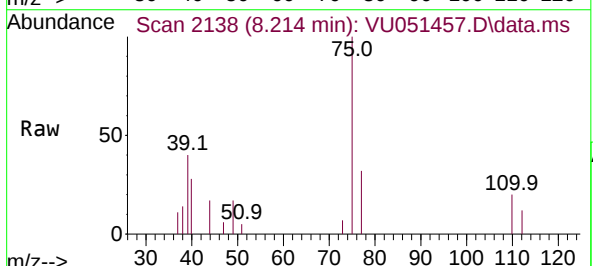
Acq: 19 Oct 2022 14:49

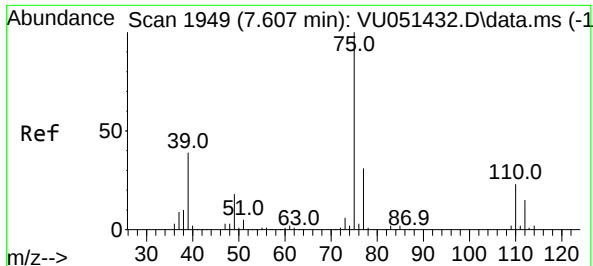
Tgt Ion: 75 Resp: 4435

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

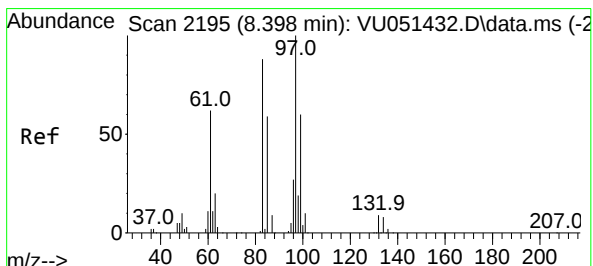
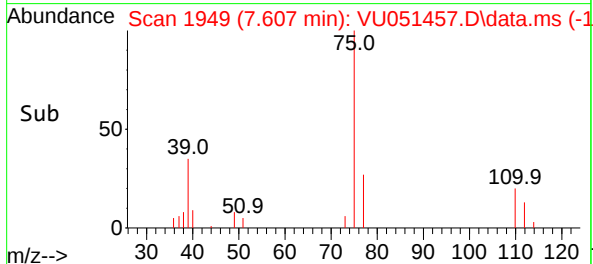
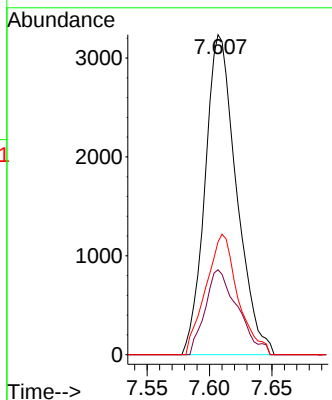
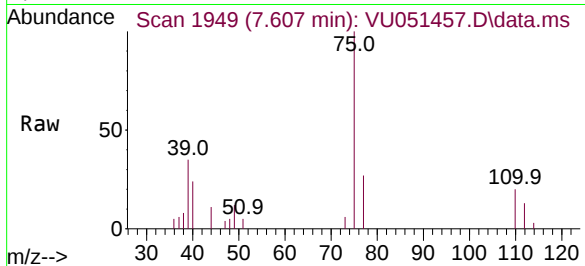




#51
 cis-1,3-Dichloropropene
 Concen: 0.282 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

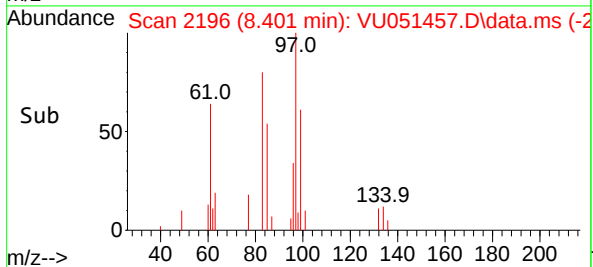
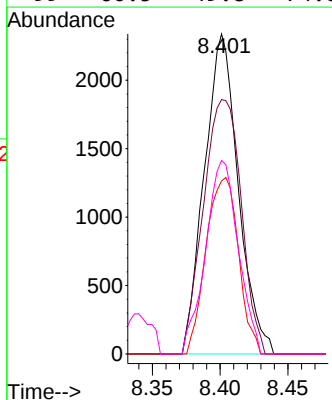
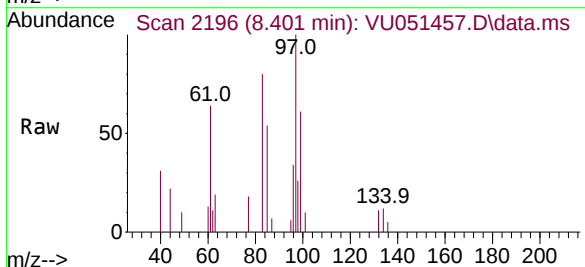
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT3-2022

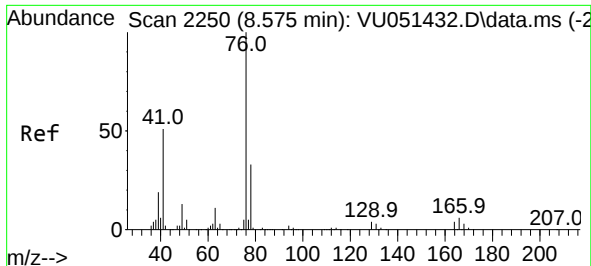
Tgt Ion:	75	Resp:	5668
Ion	Ratio	Lower	Upper
75	100		
77	26.6	25.1	37.7
39	35.2	31.4	47.0



#52
 1,1,2-Trichloroethane
 Concen: 0.325 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

Tgt Ion:	97	Resp:	4063
Ion	Ratio	Lower	Upper
97	100		
83	79.5	70.6	105.8
85	54.1	47.0	70.4
99	60.5	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.290 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

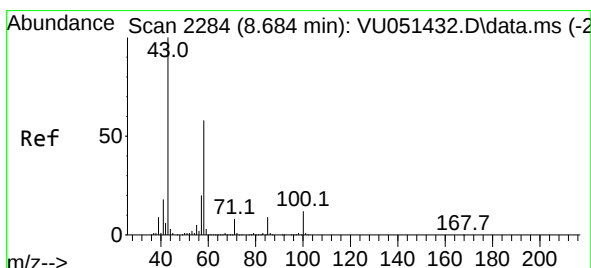
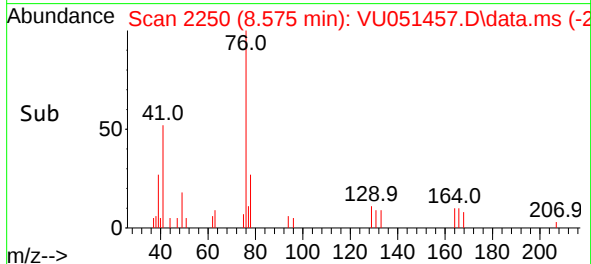
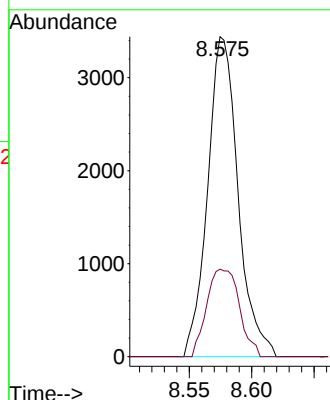
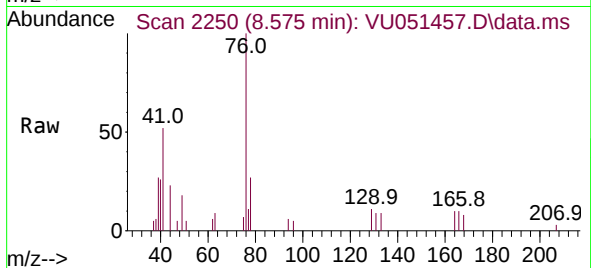
MDL-WATER-03-QT3-2022

Tgt Ion: 76 Resp: 5840

Ion Ratio Lower Upper

76 100

78 29.3 26.4 39.6



#54

2-Hexanone

Concen: 1.213 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

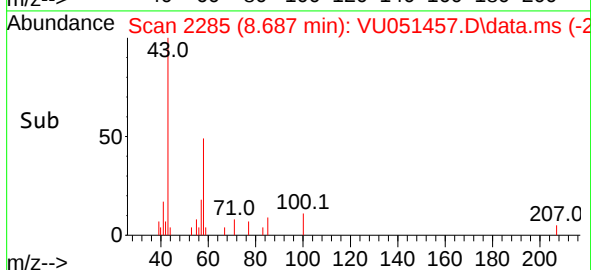
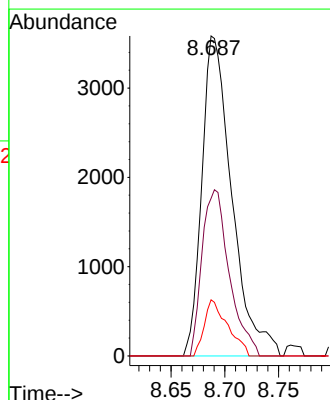
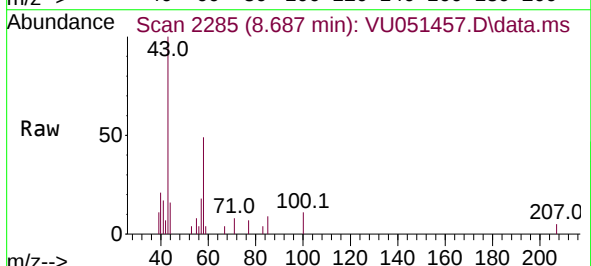
Tgt Ion: 43 Resp: 6949

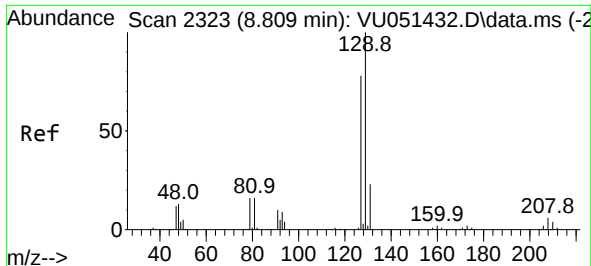
Ion Ratio Lower Upper

43 100

58 47.1 38.0 78.0

57 13.7 0.0 39.9

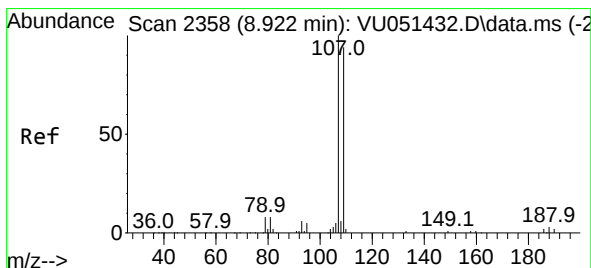
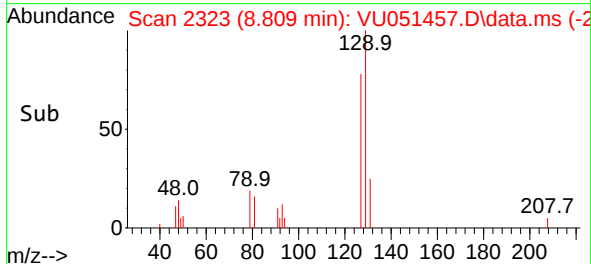
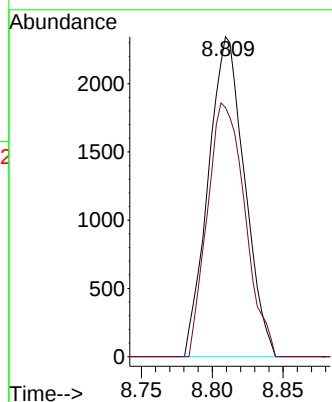
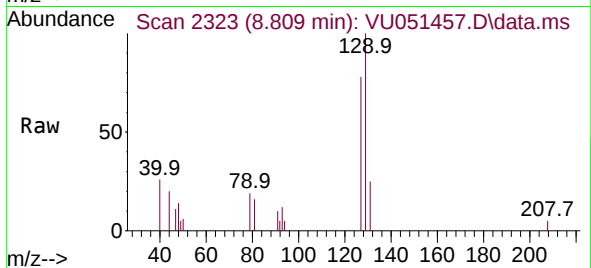




#55
Dibromochloromethane
Concen: 0.308 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

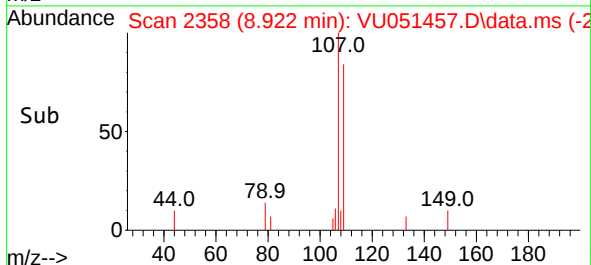
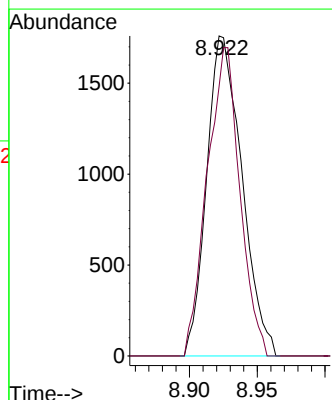
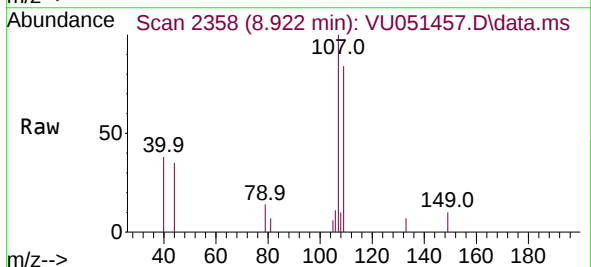
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

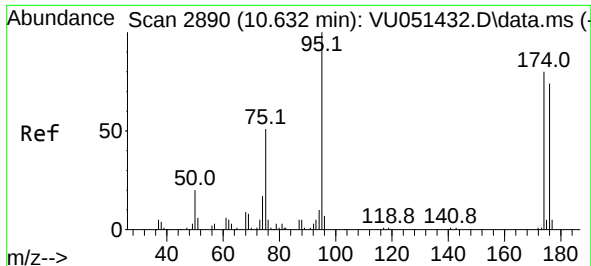
Tgt Ion:129 Resp: 4182
Ion Ratio Lower Upper
129 100
127 82.0 62.1 93.1



#56
1,2-Dibromoethane
Concen: 0.290 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:107 Resp: 3183
Ion Ratio Lower Upper
107 100
109 89.4 0.0 190.6

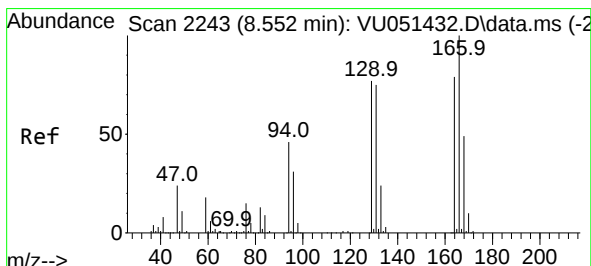
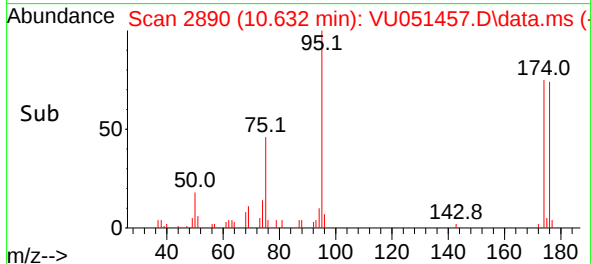
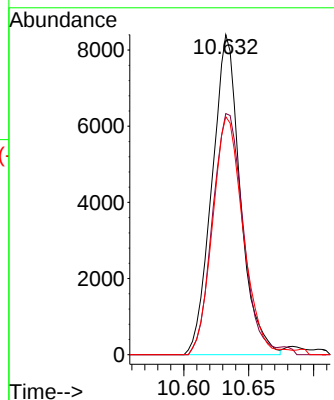
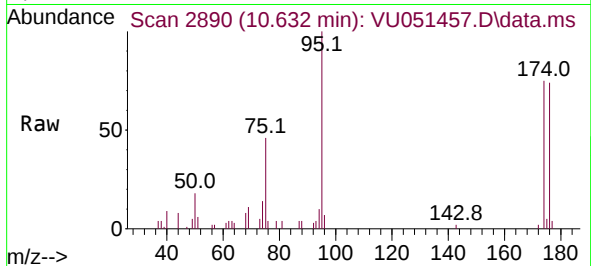




#57
4-Bromofluorobenzene
Concen: 0.776 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

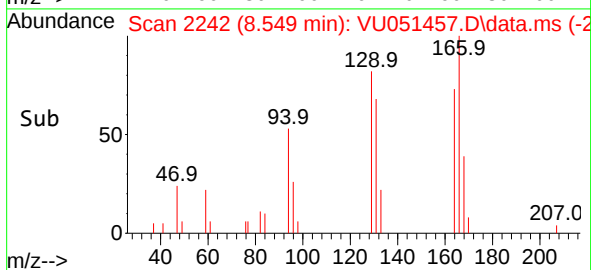
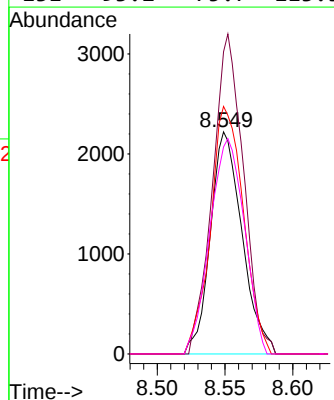
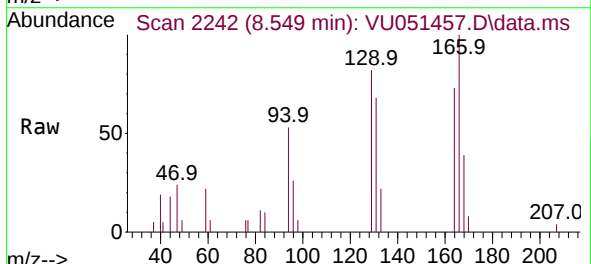
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

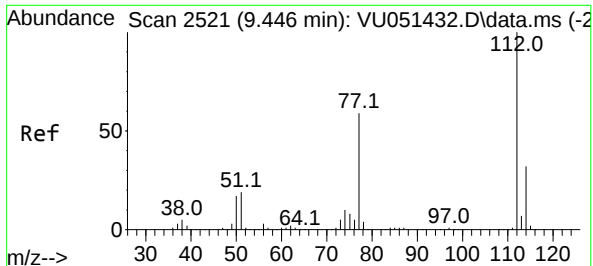
Tgt Ion: 95 Resp: 12722
Ion Ratio Lower Upper
95 100
174 82.4 63.0 94.6
176 80.6 59.8 89.6



#58
Tetrachloroethene
Concen: 0.287 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 164 Resp: 3608
Ion Ratio Lower Upper
164 100
166 136.1 100.9 151.3
129 111.4 77.5 116.3
131 93.2 75.7 113.5





#59

Chlorobenzene

Concen: 0.261 ug/l

RT: 9.449 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

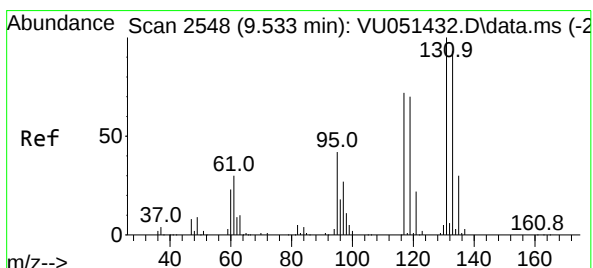
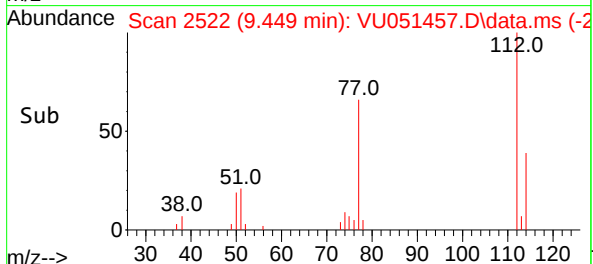
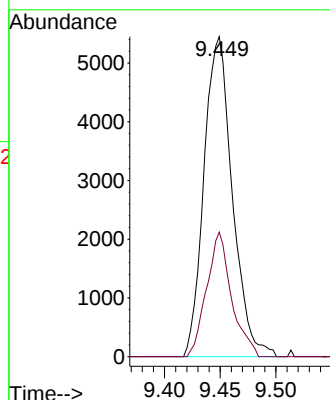
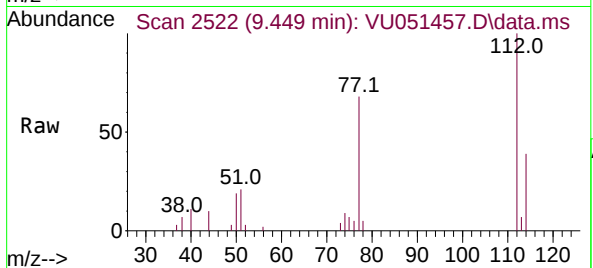
MDL-WATER-03-QT3-2022

Tgt Ion:112 Resp: 9657

Ion Ratio Lower Upper

112 100

114 39.0 25.8 38.6#



#60

1,1,1,2-Tetrachloroethane

Concen: 0.345 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

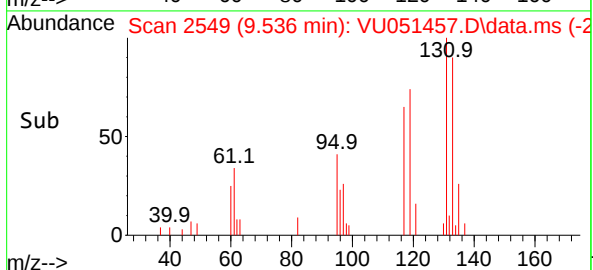
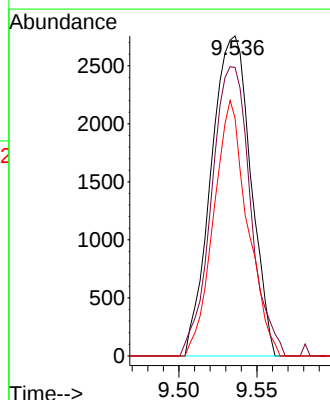
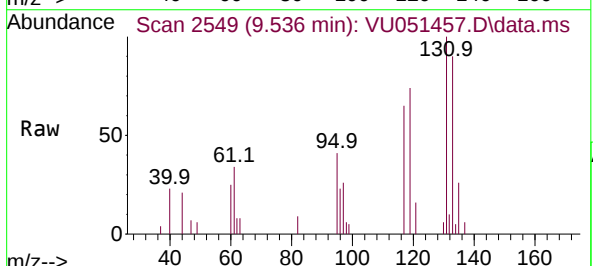
Tgt Ion:131 Resp: 4887

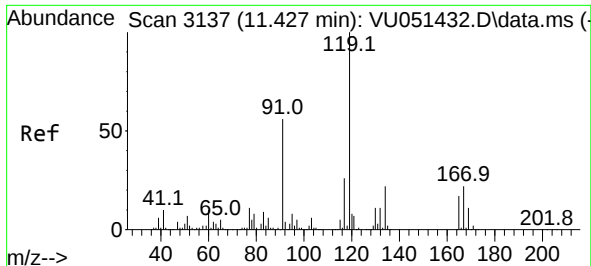
Ion Ratio Lower Upper

131 100

133 88.5 76.5 114.7

119 68.3 56.5 84.7

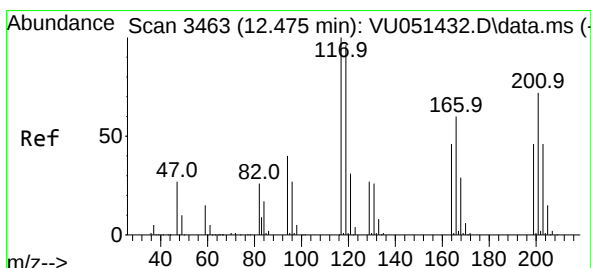
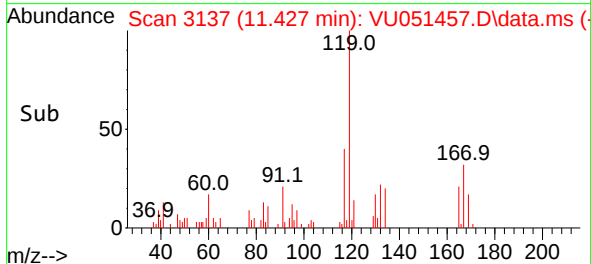
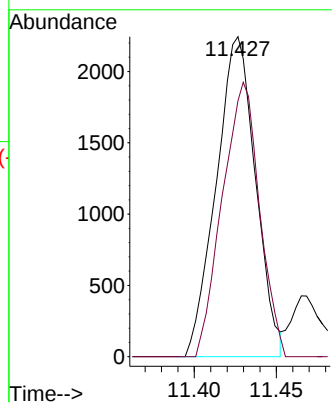
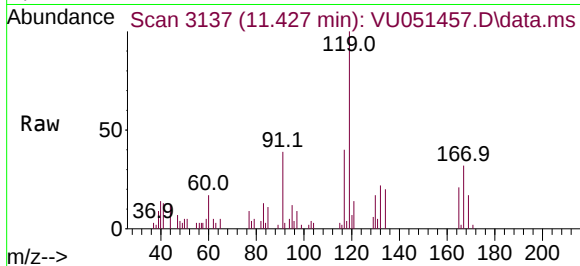




#61
Pentachloroethane
Concen: 0.296 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

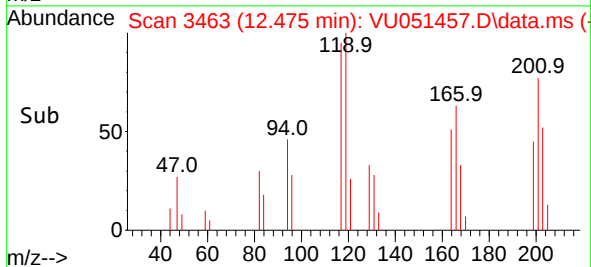
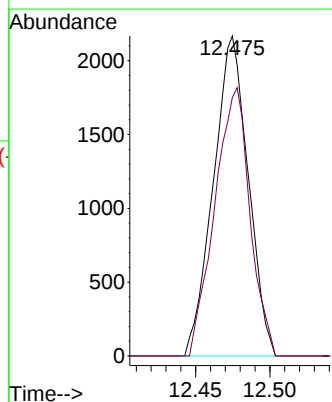
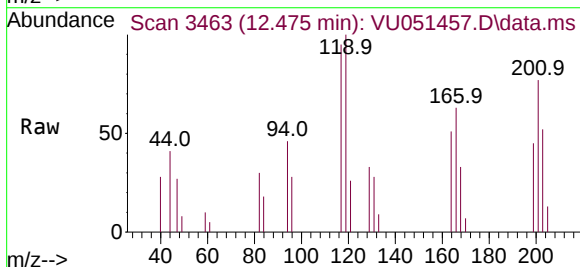
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

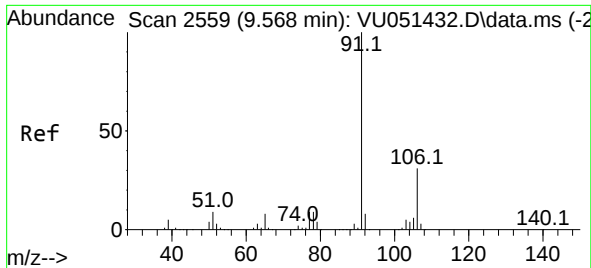
Tgt Ion:117 Resp: 3740
Ion Ratio Lower Upper
117 100
167 80.9 63.3 94.9



#62
Hexachloroethane
Concen: 0.295 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:117 Resp: 3540
Ion Ratio Lower Upper
117 100
201 84.5 57.4 86.2

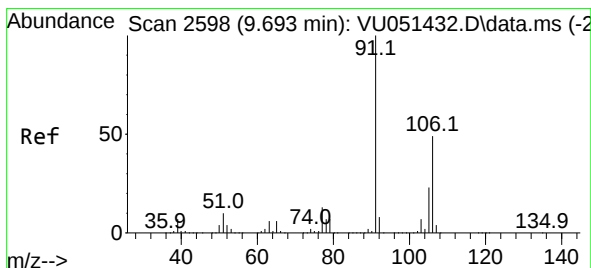
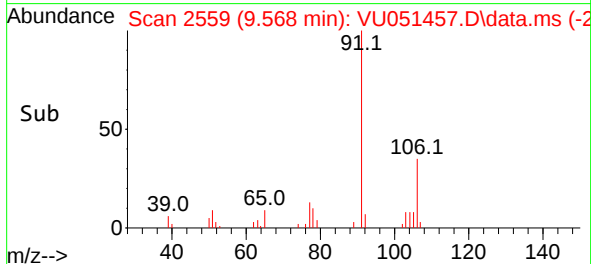
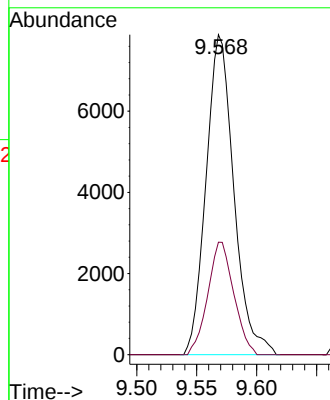
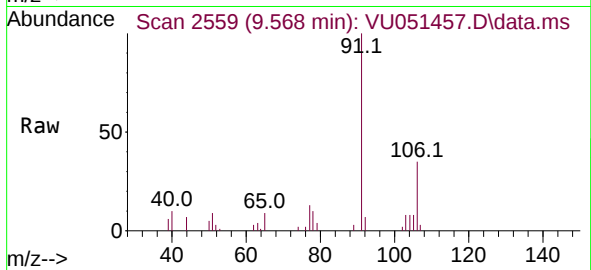




#63
Ethyl Benzene
Concen: 0.226 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

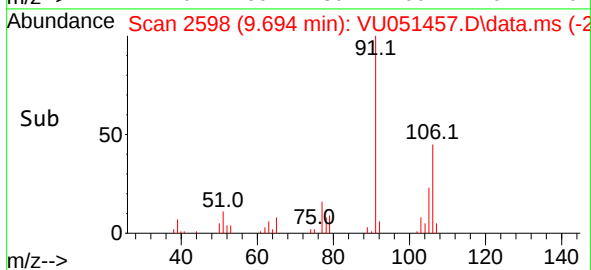
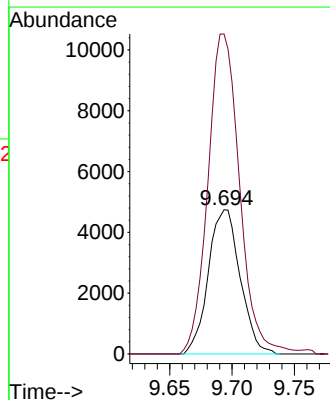
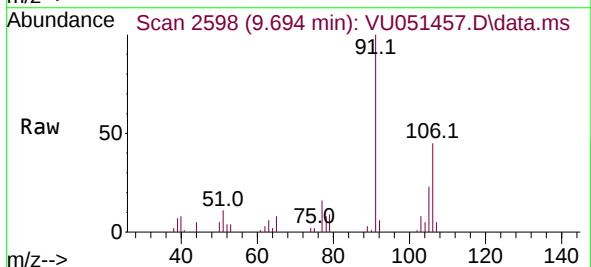
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

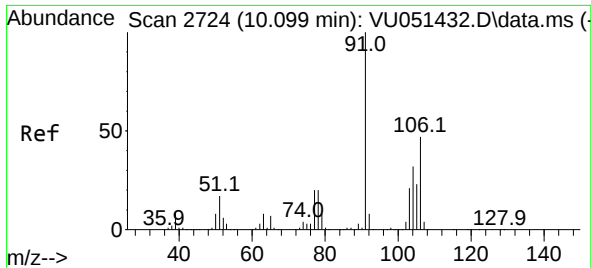
Tgt Ion: 91 Resp: 12685
Ion Ratio Lower Upper
91 100
106 35.2 24.9 37.3



#64
m/p-Xylenes
Concen: 0.377 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.001 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 106 Resp: 8434
Ion Ratio Lower Upper
106 100
91 221.2 163.2 244.8

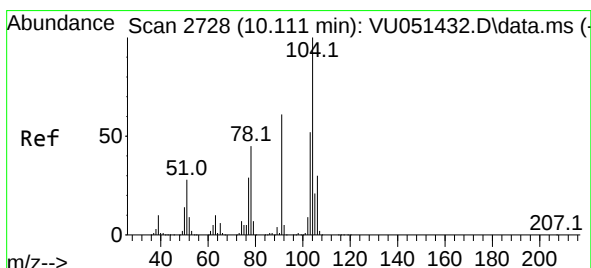
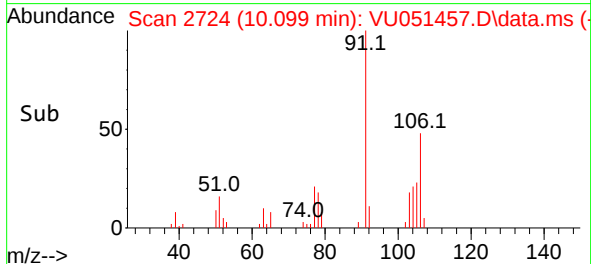
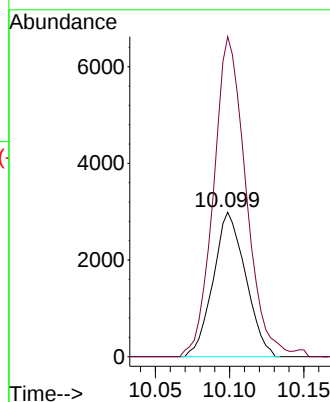
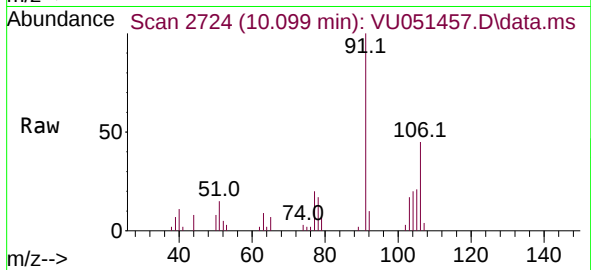




#65
o-Xylene
Concen: 0.209 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

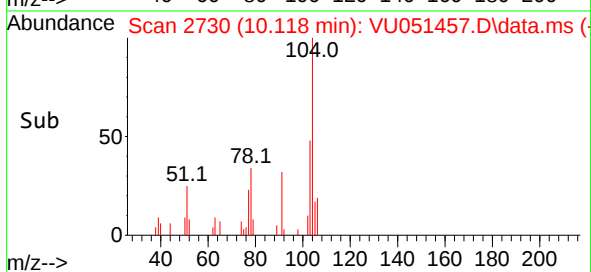
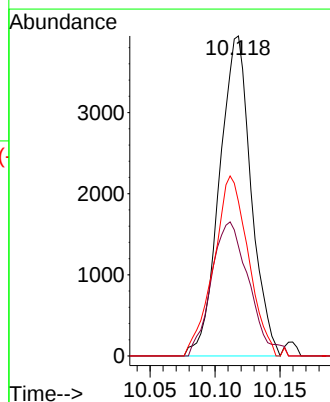
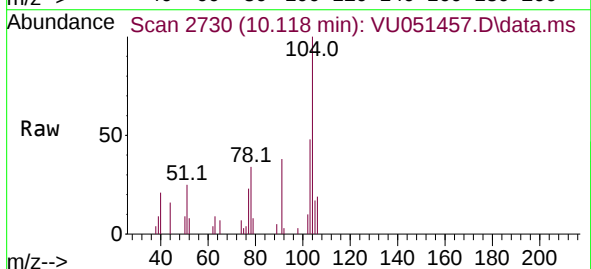
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

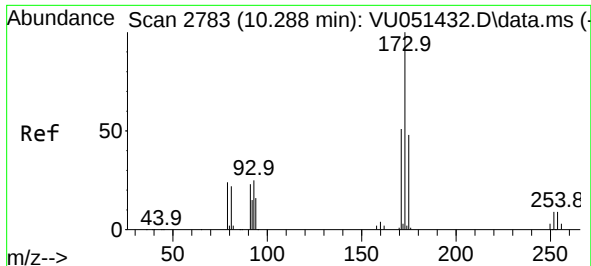
Tgt Ion:106 Resp: 4536
Ion Ratio Lower Upper
106 100
91 221.1 107.1 321.3



#66
Styrene
Concen: 0.185 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.007 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:104 Resp: 6687
Ion Ratio Lower Upper
104 100
78 49.5 39.7 59.5
103 61.5 44.4 66.6

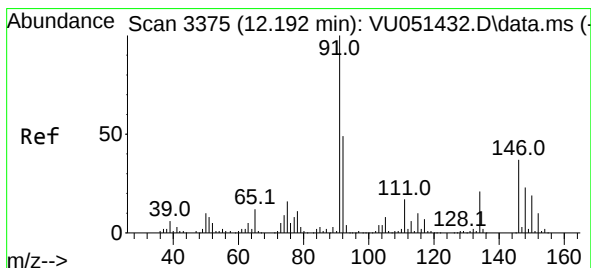
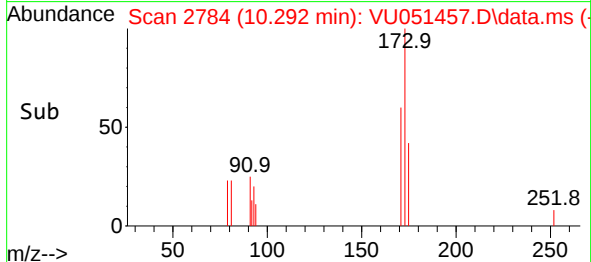
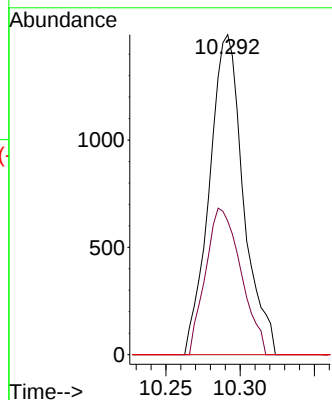
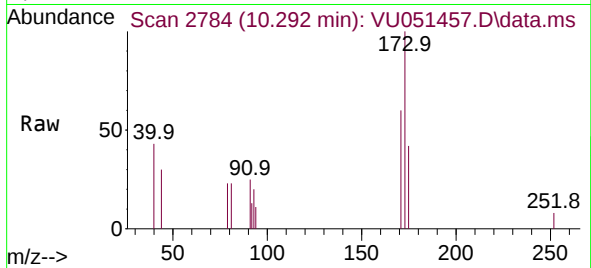




#67
Bromoform
Concen: 0.312 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

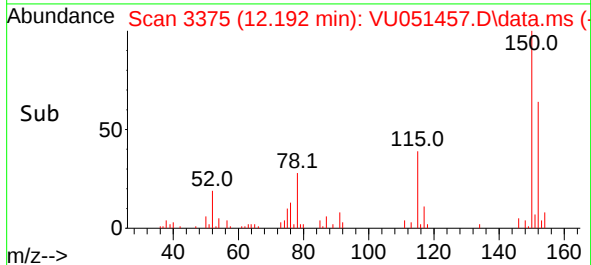
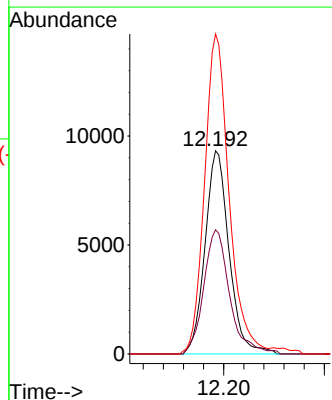
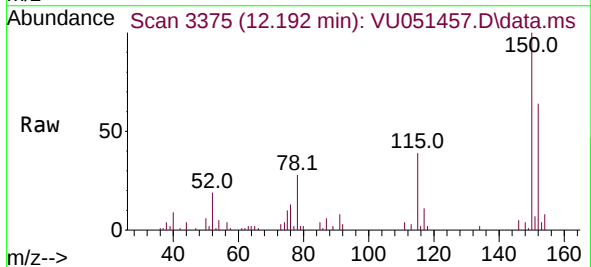
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

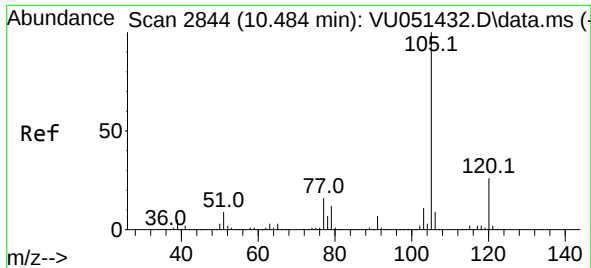
Tgt Ion:173 Resp: 2375
Ion Ratio Lower Upper
173 100
175 47.6 38.6 58.0
254 0.0 7.3 10.9#



#68
1,2-Dichlorobenzene-d4
Concen: 0.844 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:152 Resp: 15460
Ion Ratio Lower Upper
152 100
115 66.0 0.0 333.0
150 160.7 0.0 662.0

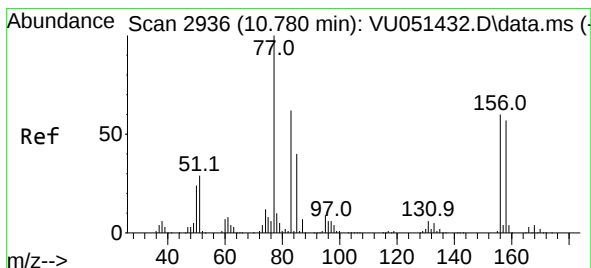
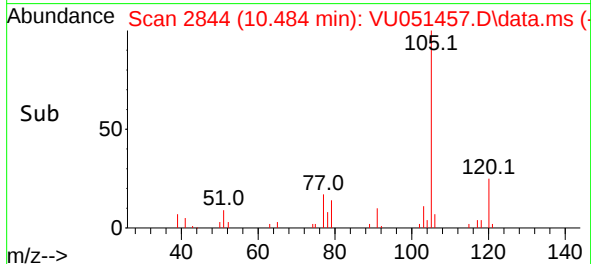
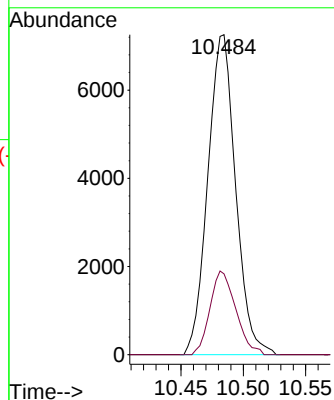
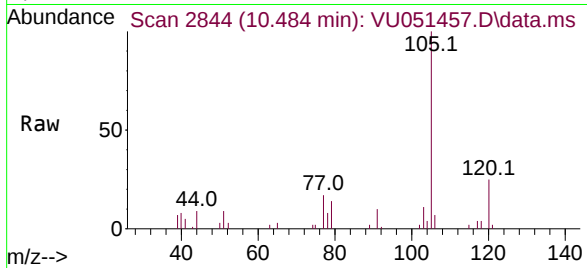




#69
Isopropylbenzene
Concen: 0.210 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

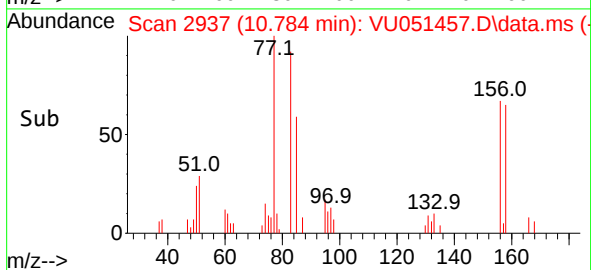
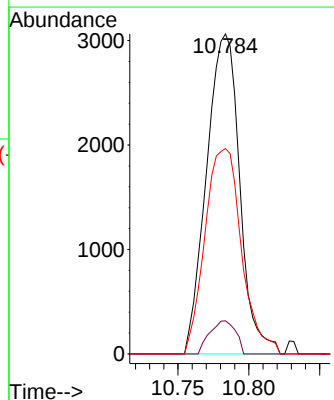
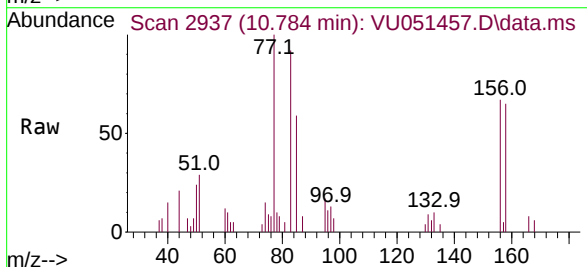
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

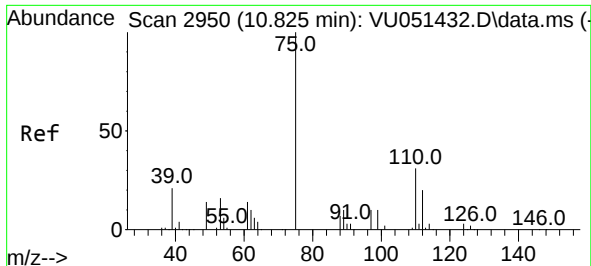
Tgt Ion:105 Resp: 11254
Ion Ratio Lower Upper
105 100
120 24.2 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 0.295 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 83 Resp: 4991
Ion Ratio Lower Upper
83 100
131 8.1 7.2 10.8
85 70.4 51.4 77.2

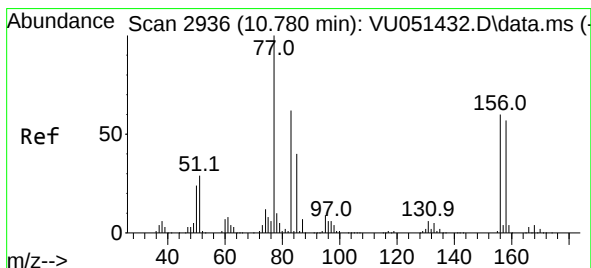
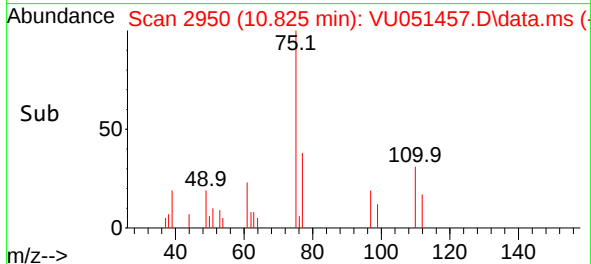
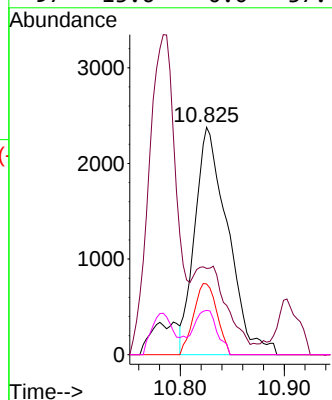
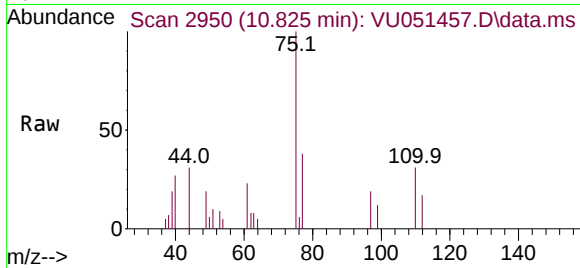




#71
1,2,3-Trichloropropane
Concen: 0.418 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

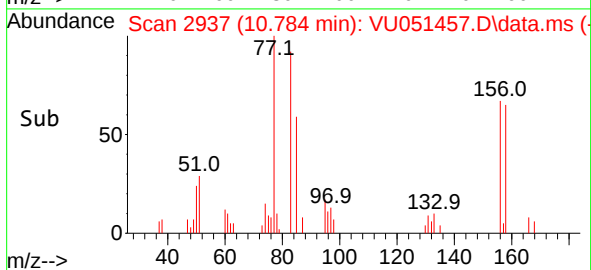
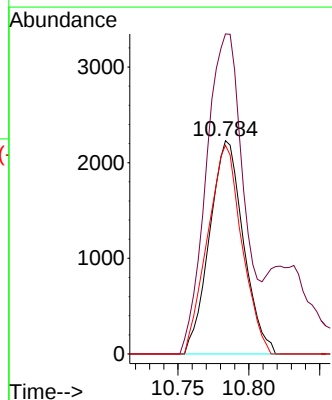
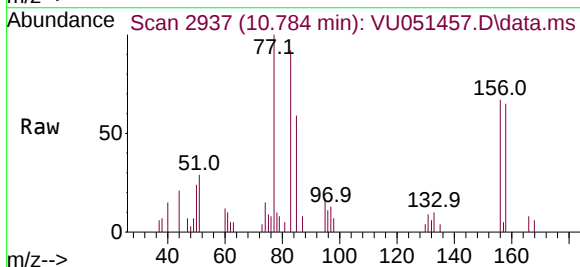
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

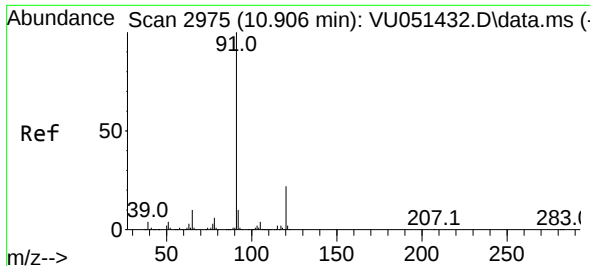
Tgt Ion: 75	Resp:	5243	
Ion	Ratio	Lower	Upper
75	100		
77	16.7	0.0	111.0
110	22.1	0.0	70.2
97	13.6	0.0	37.4



#72
Bromobenzene
Concen: 0.252 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:156	Resp:	3709	
Ion	Ratio	Lower	Upper
156	100		
77	165.8	0.0	343.4
158	99.2	0.0	195.6

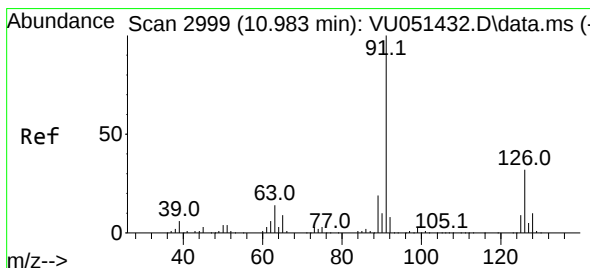
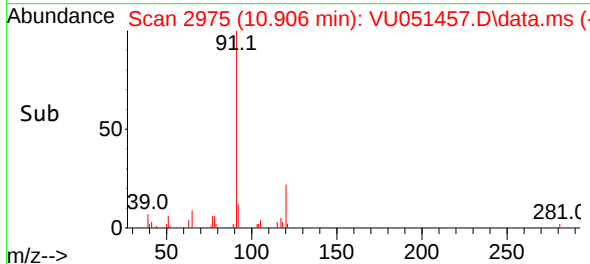
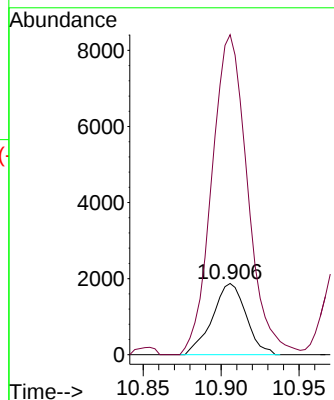
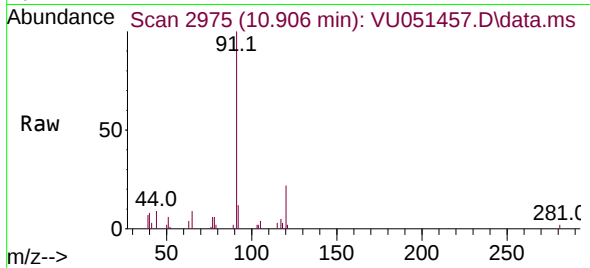




#73
n-propylbenzene
Concen: 0.187 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

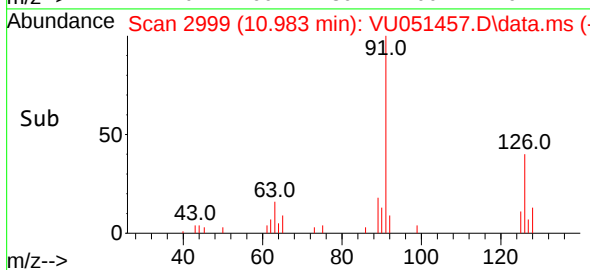
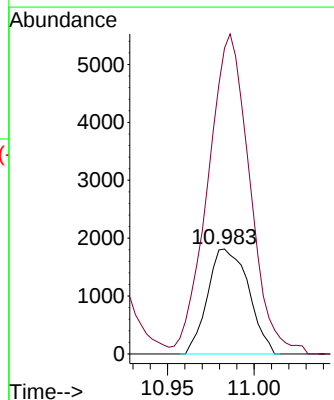
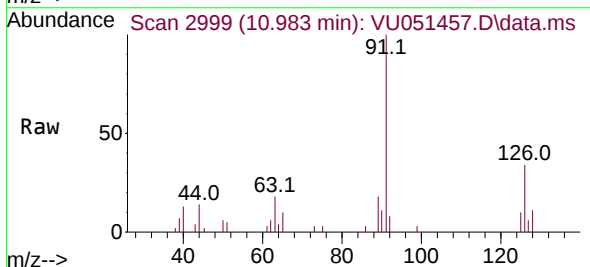
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

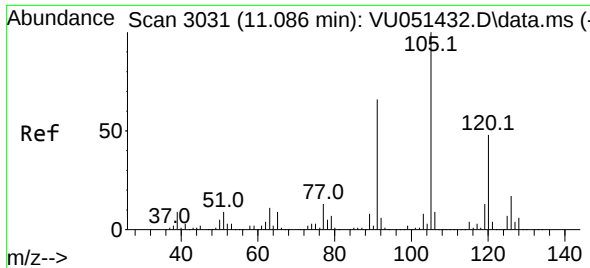
Tgt Ion:120 Resp: 2814
Ion Ratio Lower Upper
120 100
91 477.1 362.3 543.5



#74
2-Chlorotoluene
Concen: 0.207 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:126 Resp: 2968
Ion Ratio Lower Upper
126 100
91 313.2 0.0 623.2

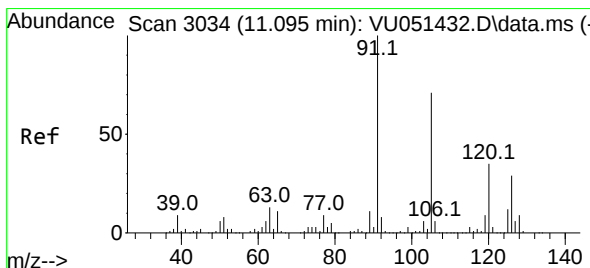
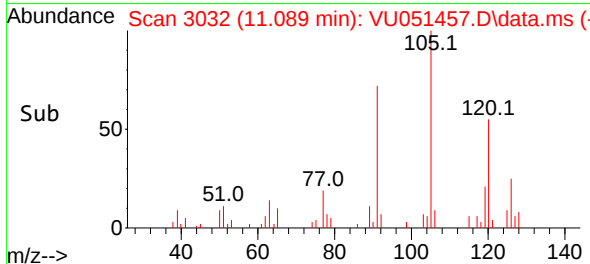
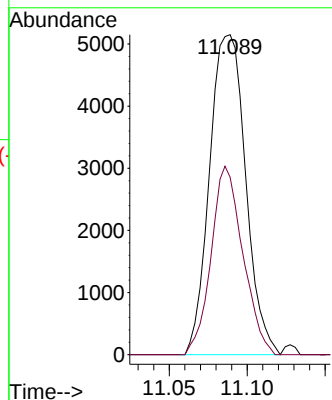
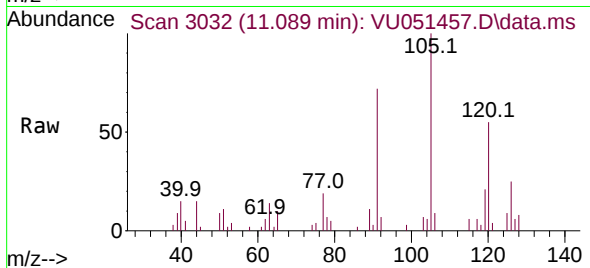




#75
1,3,5-Trimethylbenzene
Concen: 0.171 ug/l
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

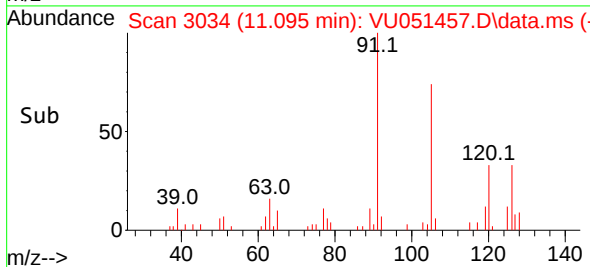
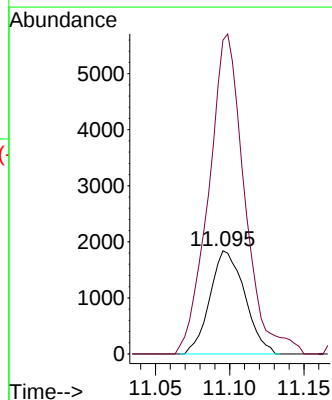
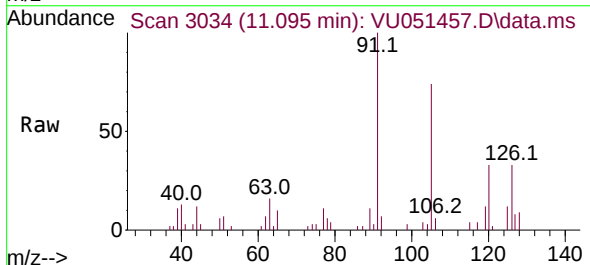
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

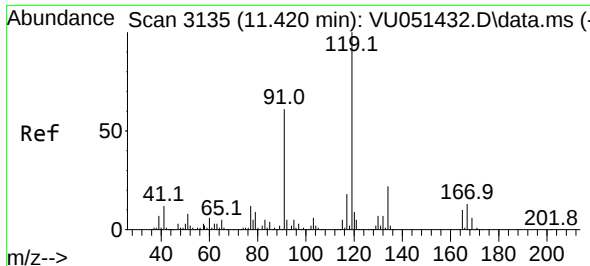
Tgt Ion:105 Resp: 8295
Ion Ratio Lower Upper
105 100
120 51.8 38.2 57.4



#76
4-Chlorotoluene
Concen: 0.205 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:126 Resp: 2998
Ion Ratio Lower Upper
126 100
91 320.1 0.0 717.6

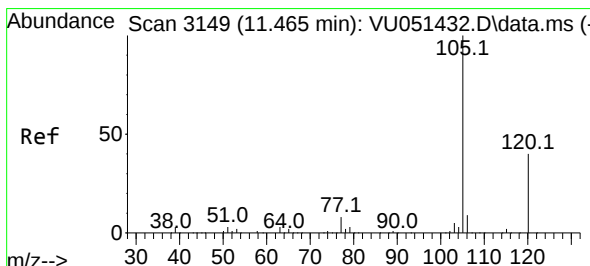
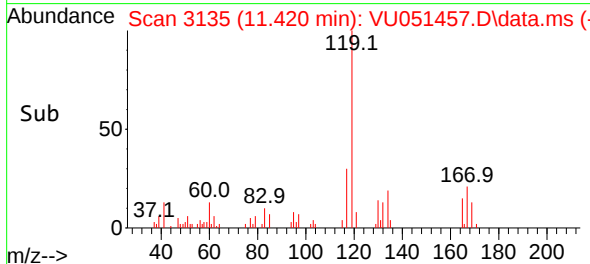
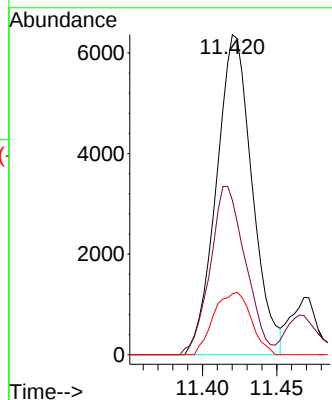
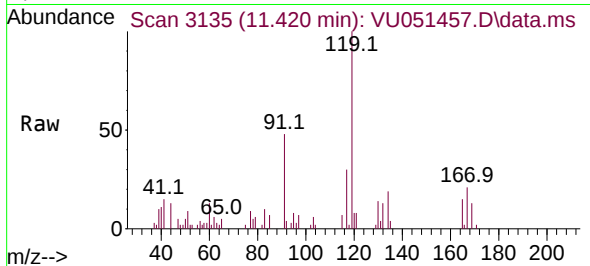




#77
tert-Butylbenzene
Concen: 0.225 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

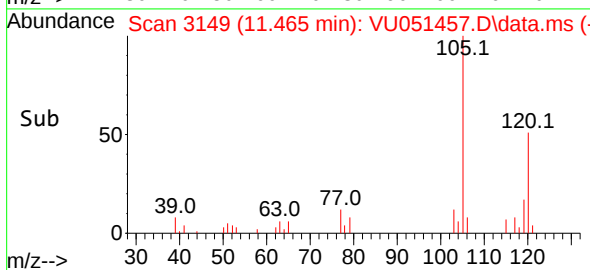
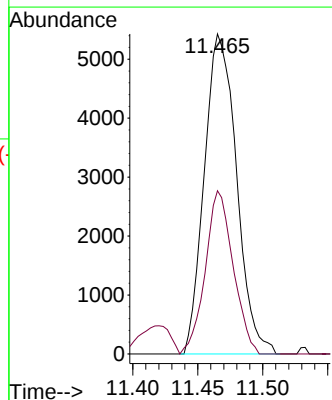
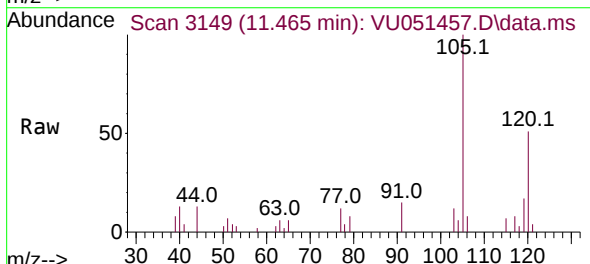
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

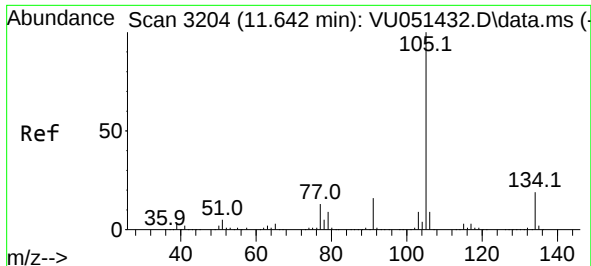
Tgt Ion:	119	Resp:	10660
Ion Ratio	Lower	Upper	
119	100		
91	52.1	29.8	89.5
134	20.3	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.185 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:	105	Resp:	9363
Ion Ratio	Lower	Upper	
105	100		
120	44.0	22.1	66.3

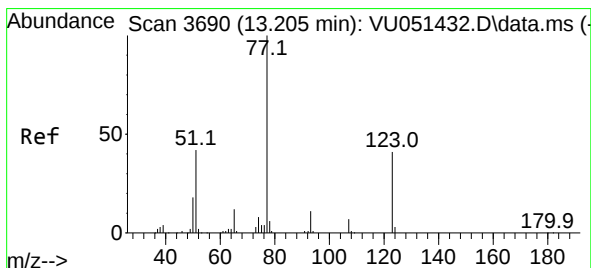
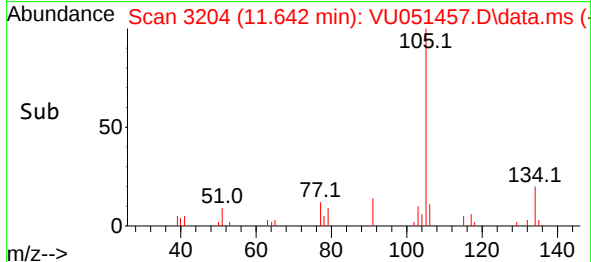
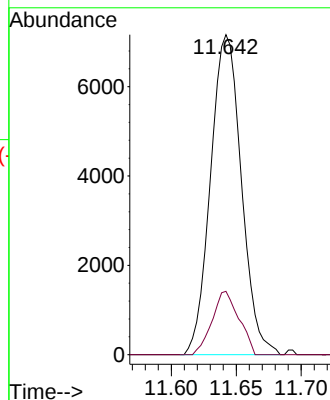
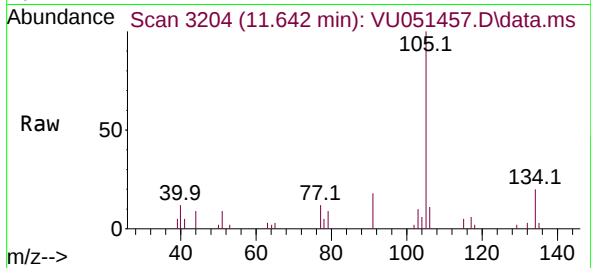




#79
 sec-Butylbenzene
 Concen: 0.188 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

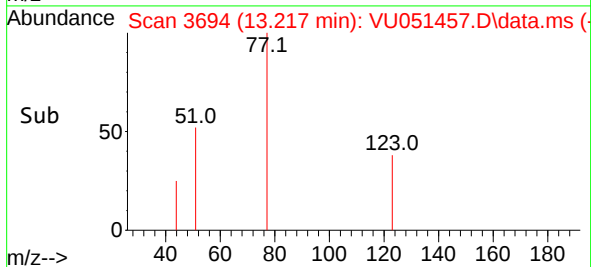
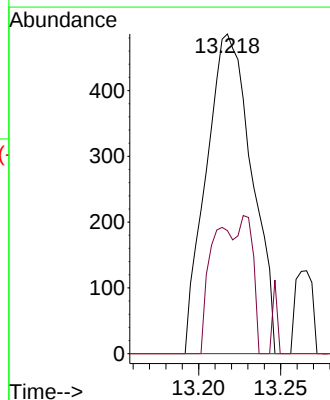
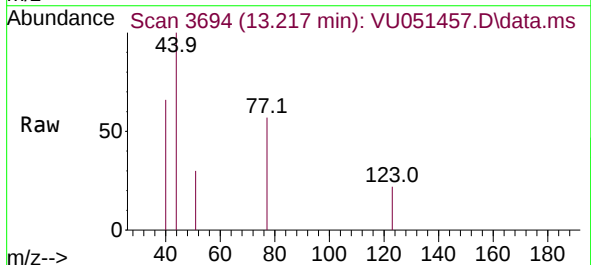
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

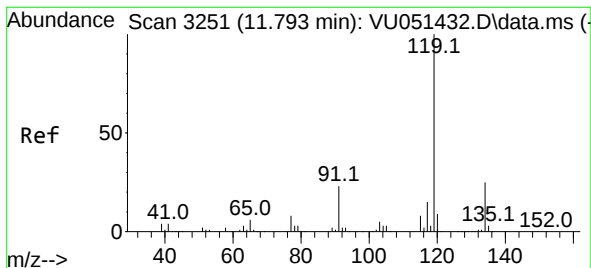
Tgt Ion:105 Resp: 11822
 Ion Ratio Lower Upper
 105 100
 134 17.2 15.2 22.8



#80
 Nitrobenzene
 Concen: 1.123 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.013 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

Tgt Ion: 77 Resp: 939
 Ion Ratio Lower Upper
 77 100
 123 21.1 17.5 62.1
 65 0.0 11.1 14.1#





#81

p-Isopropyltoluene

Concen: 0.177 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

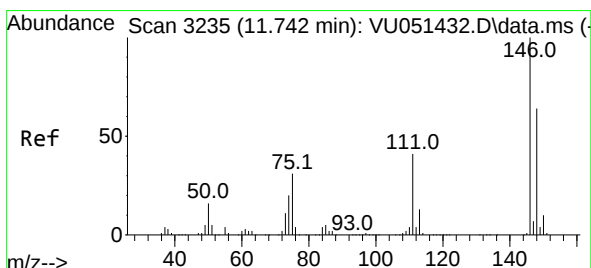
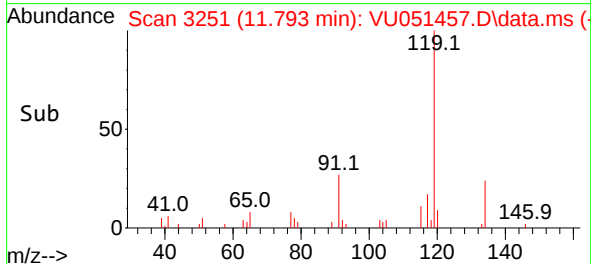
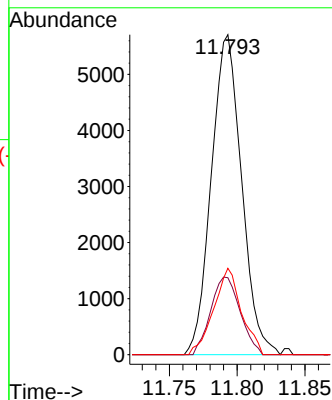
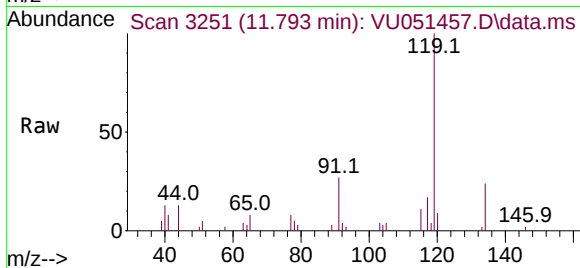
Tgt Ion:119 Resp: 8864

Ion Ratio Lower Upper

119 100

134 23.7 20.3 30.5

91 24.7 18.6 27.8



#82

1,3-Dichlorobenzene

Concen: 0.242 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.007 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

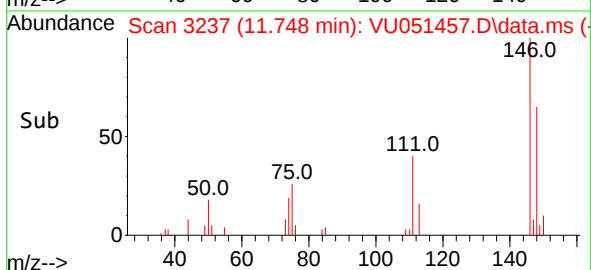
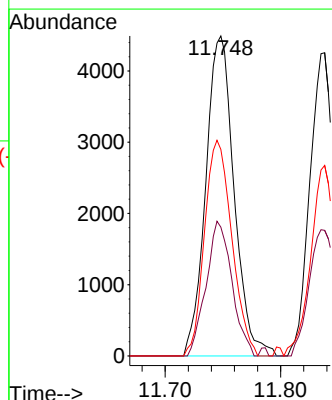
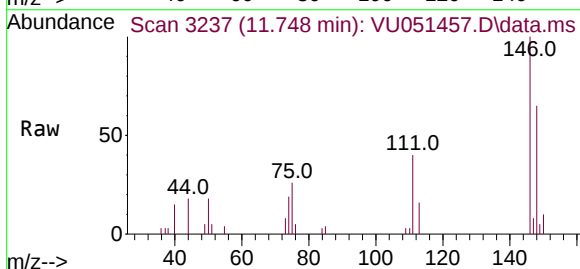
Tgt Ion:146 Resp: 7663

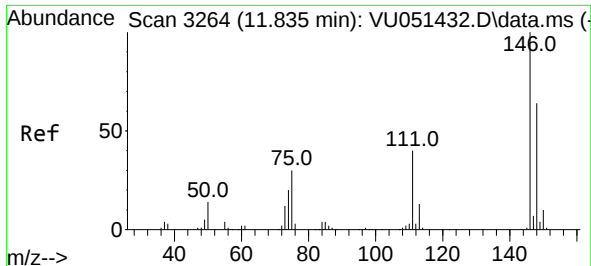
Ion Ratio Lower Upper

146 100

111 38.3 33.4 50.0

148 64.9 51.0 76.6

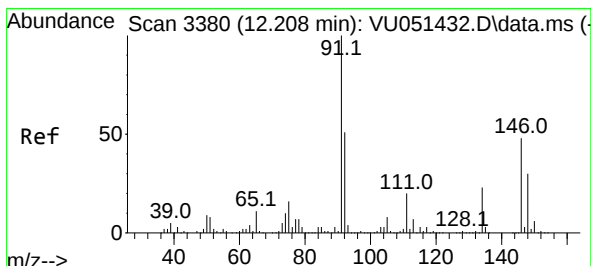
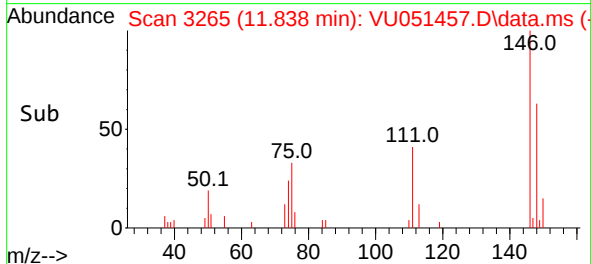
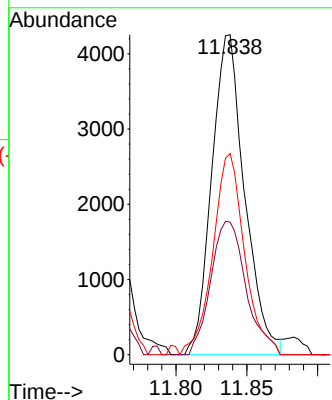
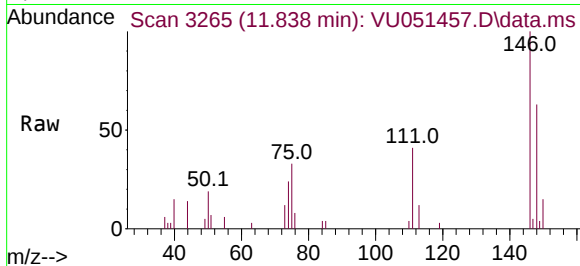




#83
1,4-Dichlorobenzene
Concen: 0.223 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

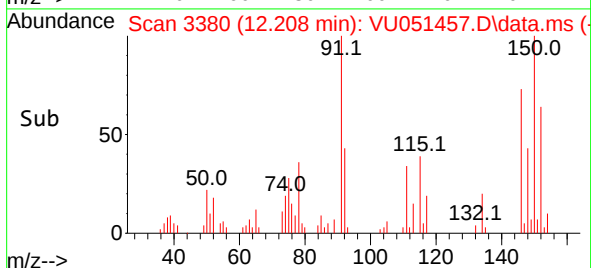
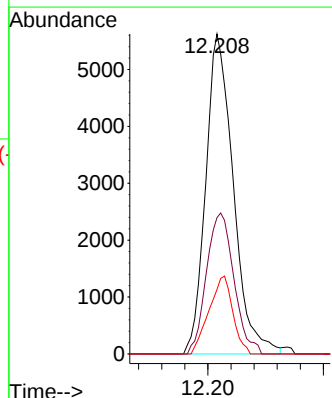
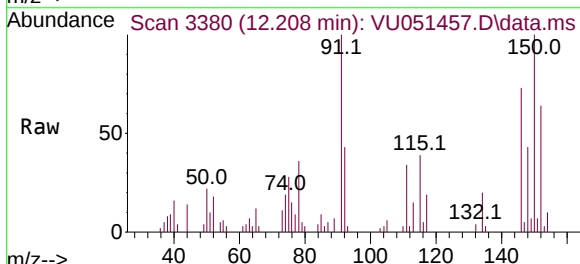
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

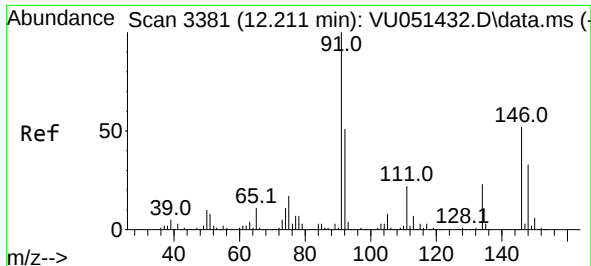
Tgt Ion:146 Resp: 6885
Ion Ratio Lower Upper
146 100
111 44.7 31.6 47.4
148 60.6 50.5 75.7



#84
n-Butylbenzene
Concen: 0.187 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 91 Resp: 9319
Ion Ratio Lower Upper
91 100
92 43.7 40.6 61.0
134 20.9 18.3 27.5

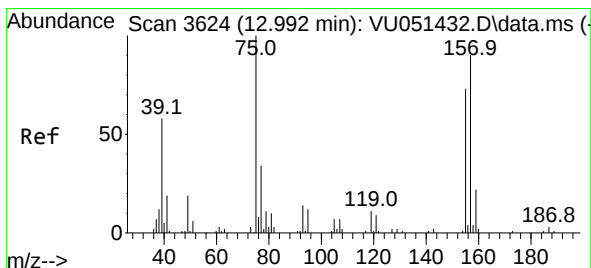
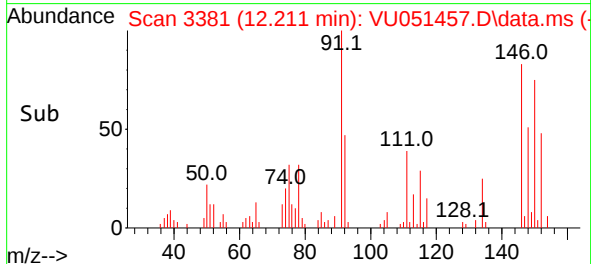
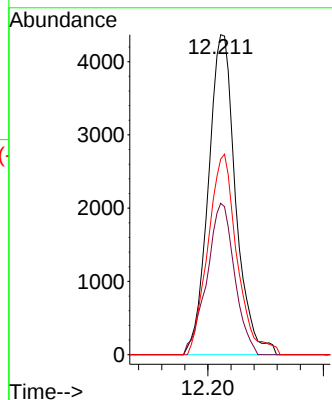
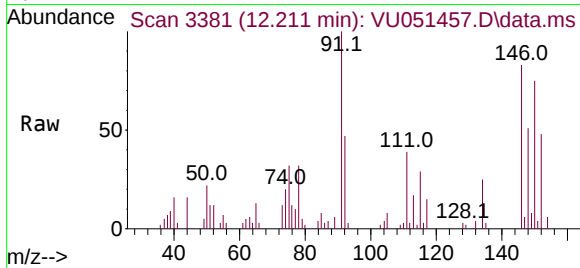




#85
 1,2-Dichlorobenzene
 Concen: 0.230 ug/l
 RT: 12.211 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

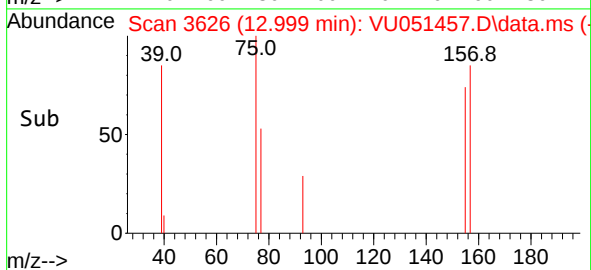
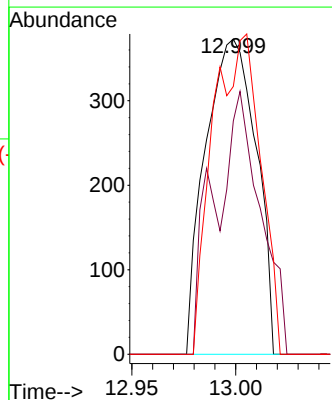
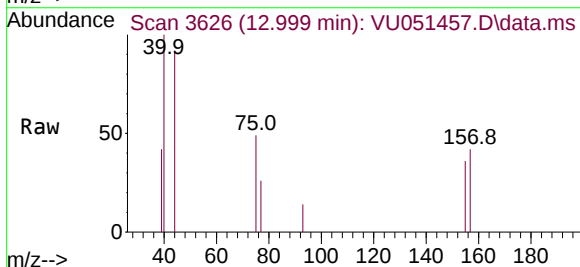
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

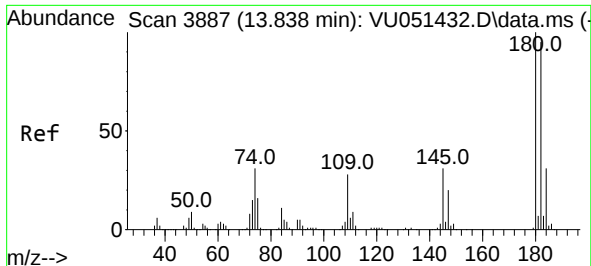
Tgt Ion:	146	Resp:	7159
Ion	Ratio	Lower	Upper
146	100		
111	47.8	21.3	63.9
148	66.7	31.8	95.4



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.239 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.006 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

Tgt Ion:	75	Resp:	632
Ion	Ratio	Lower	Upper
75	100		
155	53.6	58.5	87.7#
157	96.0	75.3	112.9

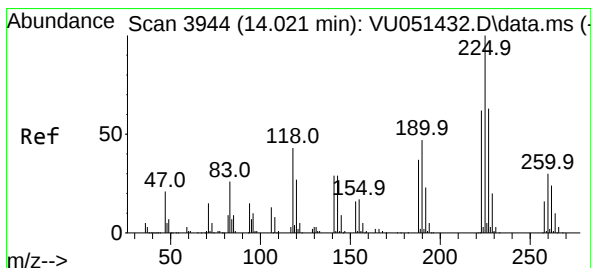
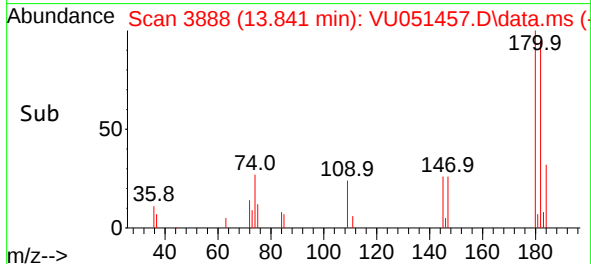
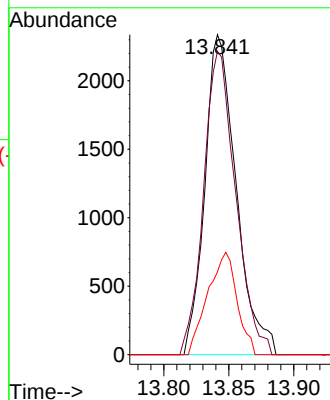
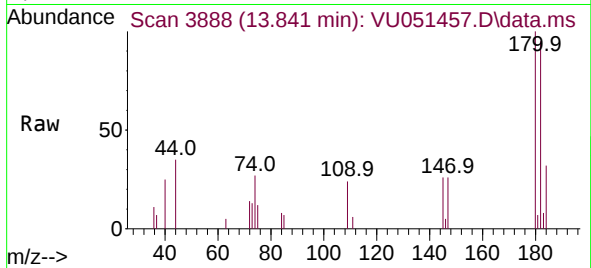




#87
1,2,4-Trichlorobenzene
Concen: 0.233 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

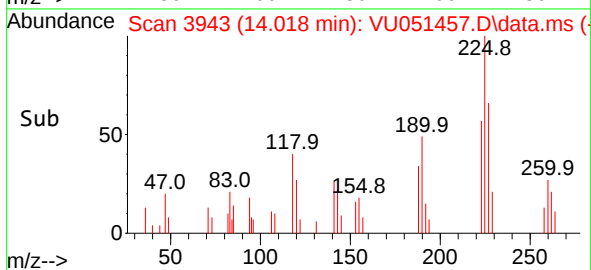
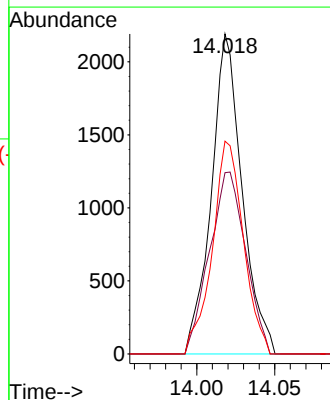
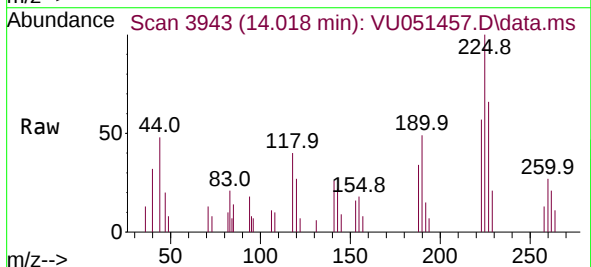
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

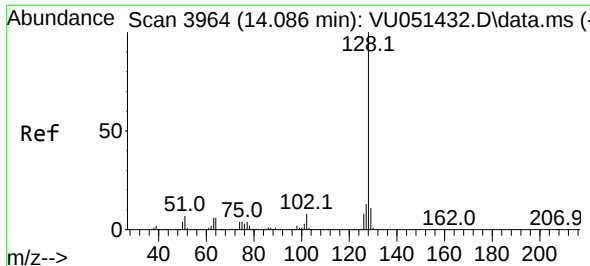
Tgt Ion:180 Resp: 3924
Ion Ratio Lower Upper
180 100
182 96.8 75.9 113.9
145 29.8 24.9 37.3



#88
Hexachlorobutadiene
Concen: 0.273 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:225 Resp: 3002
Ion Ratio Lower Upper
225 100
223 66.9 50.1 75.1
227 67.3 51.4 77.2

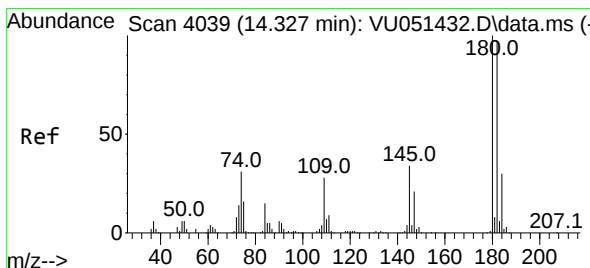
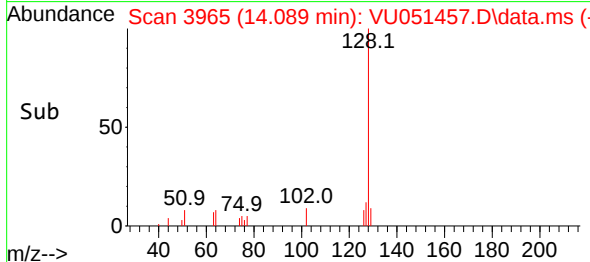
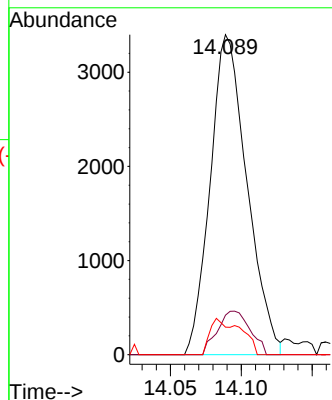
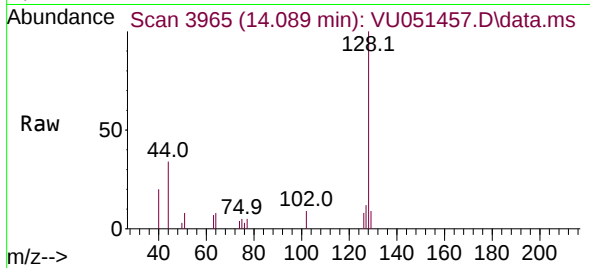




#89
Naphthalene
Concen: 0.174 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion:	128	Resp:	6135
Ion Ratio	Lower	Upper	
128	100		
127	12.0	10.7	16.1
129	9.4	8.4	12.6



#90
1,2,3-Trichlorobenzene
Concen: 0.174 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:	180	Resp:	3207
Ion Ratio	Lower	Upper	
180	100		
182	107.4	75.8	113.6
145	33.0	26.6	39.8

