

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051453.D
 Acq On : 19 Oct 2022 12:53
 Operator : JC/MD
 Sample : N4955-09 0.4PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Oct 20 07:39:13 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	6.115	96	48356	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	13436	0.792	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	15993	0.844	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	4956	0.294	ug/l	96
3) Chloromethane	1.533	50	9851	0.370	ug/l	92
4) Vinyl Chloride	1.604	62	8064	0.350	ug/l	99
5) Bromomethane	1.855	94	5803	0.452	ug/l	94
6) Chloroethane	1.928	64	4300	0.328	ug/l	91
7) Trichlorofluoromethane	2.141	101	9301	0.361	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	5572	0.392	ug/l	99
9) 1,1-Dichloroethene	2.578	96	5434	0.366	ug/l	92
10) Iodomethane	2.723	142	6844	0.356	ug/l	98
11) Allyl Chloride	2.925	41	9070	0.401	ug/l	92
12) Acrylonitrile	3.317	53	3307	0.757	ug/l	88
13) Acetone	2.629	43	6714	2.135	ug/l	100
14) Carbon Disulfide	2.790	76	19488	0.369	ug/l	97
15) Methylene Chloride	3.047	84	15048	0.692	ug/l	96
16) trans-1,2-Dichloroethene	3.346	96	6494	0.382	ug/l	96
17) 1,1-Dichloroethane	3.864	63	11360	0.371	ug/l	95
18) 2-Butanone	4.729	43	6289	1.648	ug/l	97
19) Cyclohexane	5.385	56	5351	0.282	ug/l	90
20) Methylcyclohexane	6.761	83	5402	0.287	ug/l	87
21) 2,2-Dichloropropane	4.665	77	7873	0.369	ug/l	93
22) cis-1,2-Dichloroethene	4.668	96	5577	0.346	ug/l	97
23) Diethyl Ether	2.375	59	4500	0.347	ug/l	# 89
24) tert-Butyl Alcohol	3.205	59	5066	3.728	ug/l	# 84
25) Methyl tert-Butyl Ether	3.369	73	14307	0.371	ug/l	# 80
26) Bromochloromethane	4.973	128	2679	0.341	ug/l	94
27) Chloroform	5.092	83	10998	0.355	ug/l	97
28) 1,1,1-Trichloroethane	5.314	97	8599	0.348	ug/l	96
29) 1,1-Dichloropropene	5.523	75	5893	0.311	ug/l	98
30) Carbon Tetrachloride	5.520	117	7540	0.361	ug/l	88
31) Isopropyl Ether	4.002	45	12361	0.342	ug/l	89
32) Ethyl-t-butyl ether	4.510	59	10229	0.310	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	8343	0.287	ug/l	# 94
34) Propionitrile	4.797	54	2048	1.597	ug/l	# 74
35) Benzene	5.774	78	20187	0.318	ug/l	96
36) 1,2-Dichloroethane	5.796	62	6953	0.355	ug/l	# 91
37) Trichloroethene	6.546	130	5296	0.355	ug/l	88
38) 1,2-Dichloropropane	6.793	63	5712	0.328	ug/l	99
39) Methacrylonitrile	4.993	41	856	0.195	ug/l	# 70
40) Methyl acrylate	4.864	55	711	0.102	ug/l	# 77
41) Tetrahydrofuran	5.076	42	1569	0.682	ug/l	# 61
42) 1-Chlorobutane	5.456	56	7761	0.300	ug/l	94
43) Dibromomethane	6.922	93	2882	0.318	ug/l	95
44) Bromodichloromethane	7.108	83	7560	0.345	ug/l	# 91

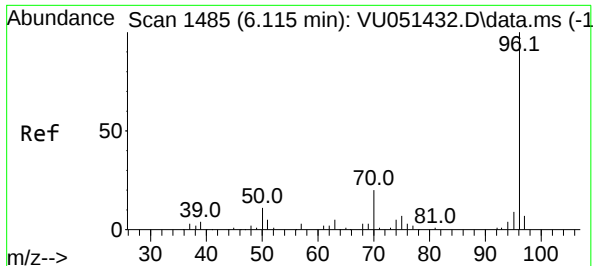
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 20 07:37:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	10855	1.260	ug/l	97
46) t-1,4-Dichloro-2-butene	10.825	75	5965	1.241	ug/l #	49
47) Methyl methacrylate	6.967	69	3413	0.493	ug/l	93
48) Ethyl methacrylate	8.337	69	2671	0.230	ug/l	89
49) Toluene	7.970	92	9291	0.267	ug/l	95
50) t-1,3-Dichloropropene	8.214	75	5384	0.306	ug/l	98
51) cis-1,3-Dichloropropene	7.607	75	6723	0.324	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	4272	0.331	ug/l	95
53) 1,3-Dichloropropane	8.575	76	6094	0.293	ug/l	96
54) 2-Hexanone	8.690	43	7885	1.331	ug/l	86
55) Dibromochloromethane	8.809	129	4621	0.329	ug/l	98
56) 1,2-Dibromoethane	8.922	107	3783	0.333	ug/l	99
58) Tetrachloroethene	8.552	164	4136	0.318	ug/l	96
59) Chlorobenzene	9.446	112	11520	0.301	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.533	131	5311	0.362	ug/l	95
61) Pentachloroethane	11.430	117	3945	0.302	ug/l	90
62) Hexachloroethane	12.475	117	4255	0.343	ug/l	90
63) Ethyl Benzene	9.568	91	14347	0.247	ug/l	98
64) m/p-Xylenes	9.690	106	9616	0.416	ug/l	94
65) o-Xylene	10.099	106	5229	0.232	ug/l	99
66) Styrene	10.115	104	8308	0.223	ug/l	96
67) Bromoform	10.285	173	2472	0.313	ug/l	95
69) Isopropylbenzene	10.484	105	13079	0.236	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	6109	0.350	ug/l	95
71) 1,2,3-Trichloropropane	10.825	75	5965	0.459	ug/l	63
72) Bromobenzene	10.783	156	4391	0.289	ug/l	98
73) n-propylbenzene	10.906	120	3353	0.215	ug/l	95
74) 2-Chlorotoluene	10.986	126	3357	0.227	ug/l	84
75) 1,3,5-Trimethylbenzene	11.086	105	10335	0.206	ug/l	99
76) 4-Chlorotoluene	11.095	126	3206	0.212	ug/l	96
77) tert-Butylbenzene	11.417	119	11210	0.229	ug/l	96
78) 1,2,4-Trimethylbenzene	11.468	105	10423	0.199	ug/l	99
79) sec-Butylbenzene	11.642	105	14318	0.221	ug/l	96
80) Nitrobenzene	13.217	77	1303	1.506	ug/l #	73
81) p-Isopropyltoluene	11.793	119	10464	0.201	ug/l	94
82) 1,3-Dichlorobenzene	11.748	146	8736	0.267	ug/l	94
83) 1,4-Dichlorobenzene	11.838	146	8198	0.256	ug/l	94
84) n-Butylbenzene	12.211	91	10237	0.199	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	8177	0.254	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.999	75	861	0.315	ug/l	98
87) 1,2,4-Trichlorobenzene	13.838	180	4385	0.251	ug/l	95
88) Hexachlorobutadiene	14.018	225	3816	0.335	ug/l	96
89) Naphthalene	14.089	128	7718	0.211	ug/l #	96
90) 1,2,3-Trichlorobenzene	14.333	180	4240	0.222	ug/l	96

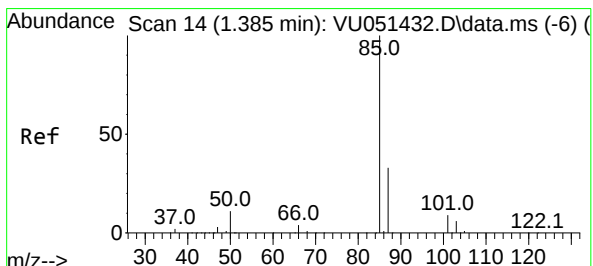
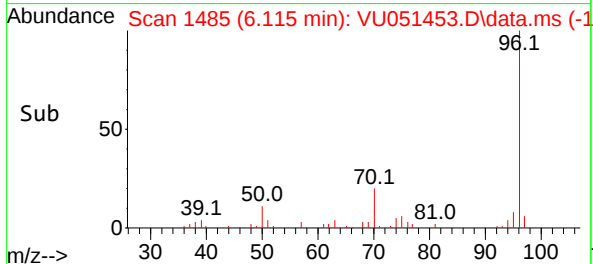
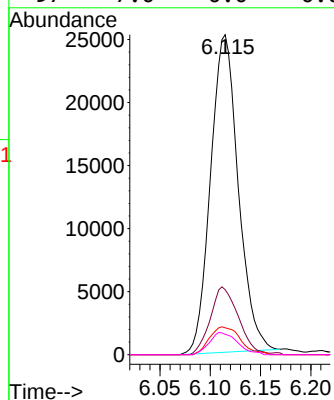
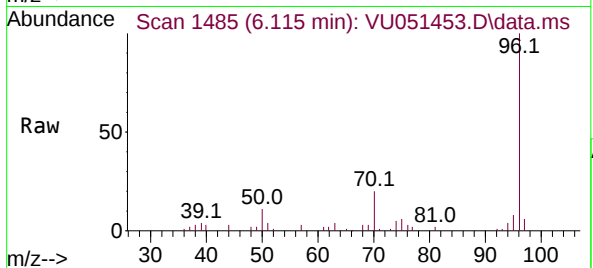
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

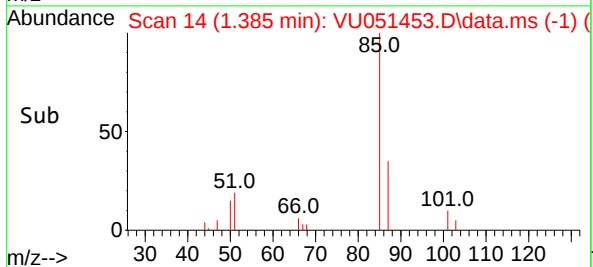
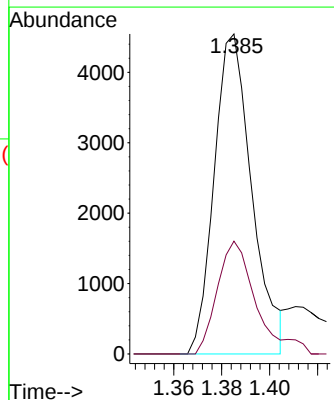
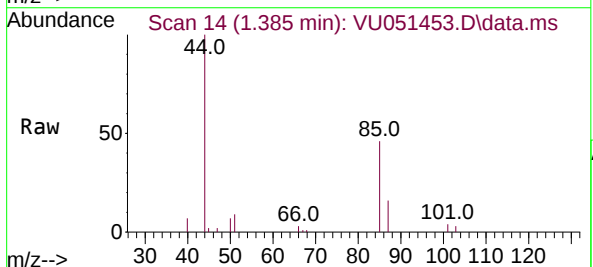
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

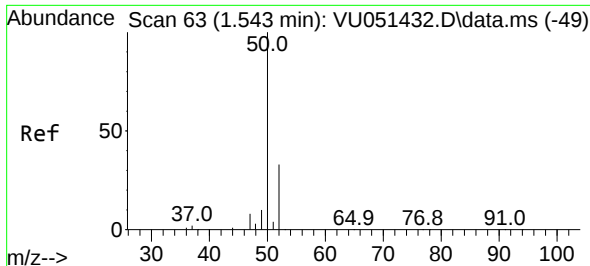
Tgt Ion: 96	Resp: 48356
Ion Ratio	Lower Upper
96	100
70	21.0 16.7 25.1
95	9.7 7.5 11.3
97	7.0 0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.294 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 85	Resp: 4956
Ion Ratio	Lower Upper
85	100
87	35.2 16.4 49.4

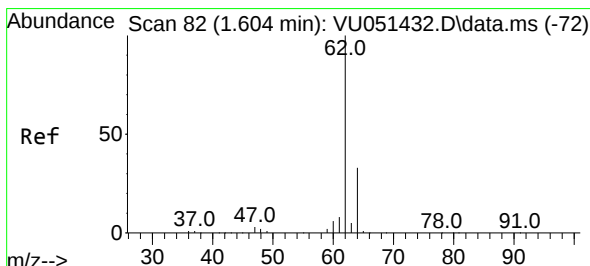
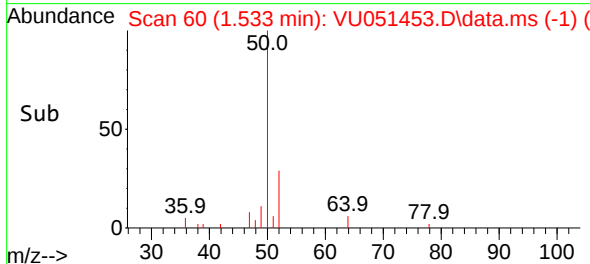
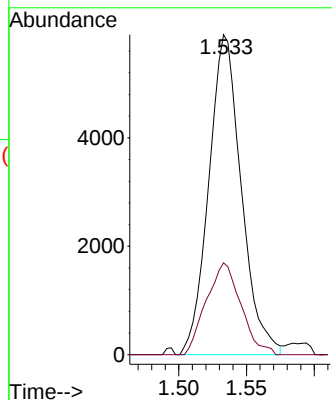
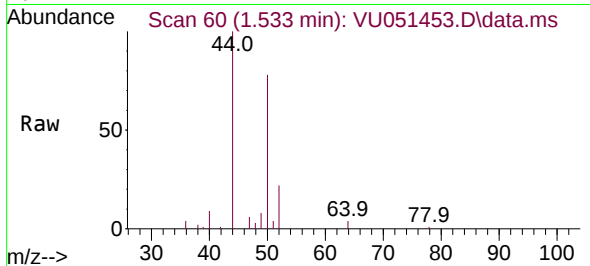




#3
Chloromethane
Concen: 0.370 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

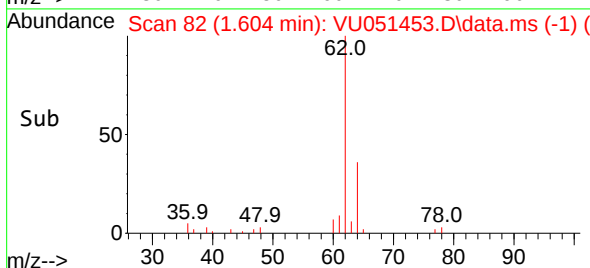
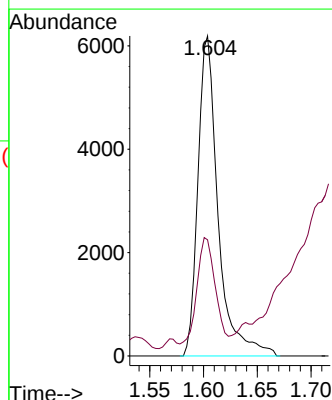
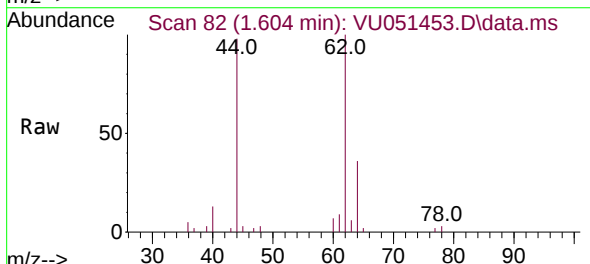
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

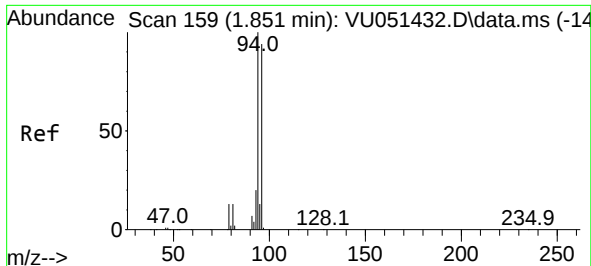
Tgt Ion: 50 Resp: 9851
Ion Ratio Lower Upper
50 100
52 28.7 26.7 40.1



#4
Vinyl Chloride
Concen: 0.350 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 62 Resp: 8064
Ion Ratio Lower Upper
62 100
64 32.6 26.7 40.1

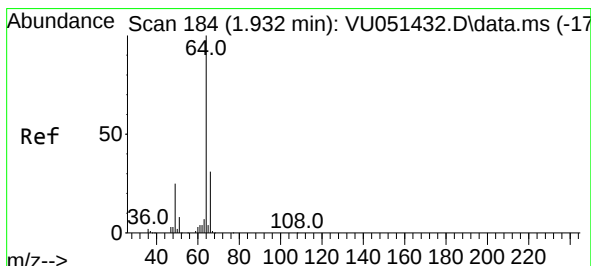
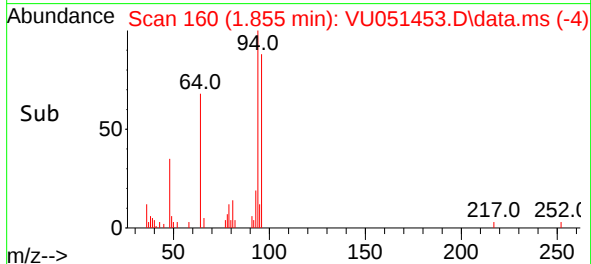
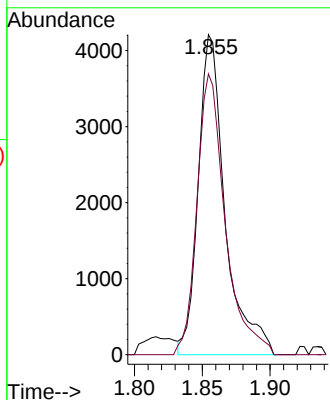
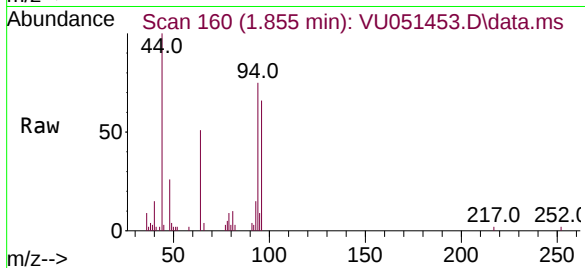




#5
Bromomethane
Concen: 0.452 ug/l
RT: 1.855 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

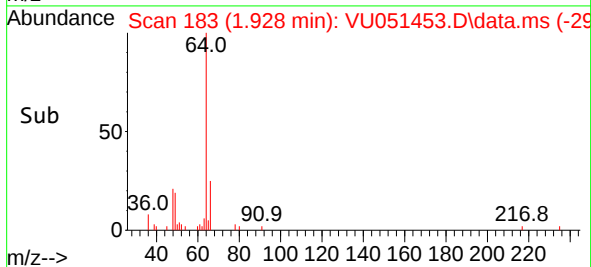
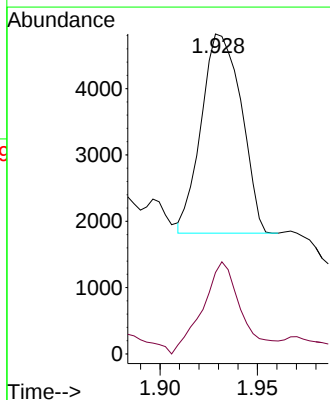
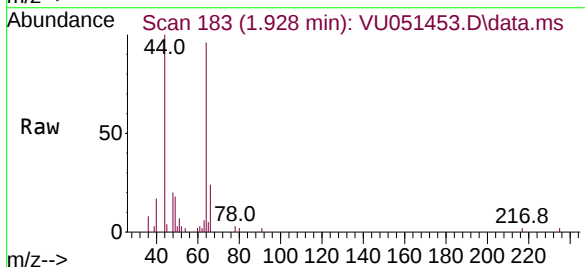
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

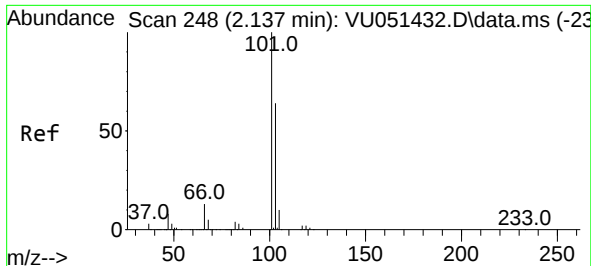
Tgt Ion: 94 Resp: 5803
Ion Ratio Lower Upper
94 100
96 87.8 74.8 112.2



#6
Chloroethane
Concen: 0.328 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 64 Resp: 4300
Ion Ratio Lower Upper
64 100
66 36.4 25.2 37.8

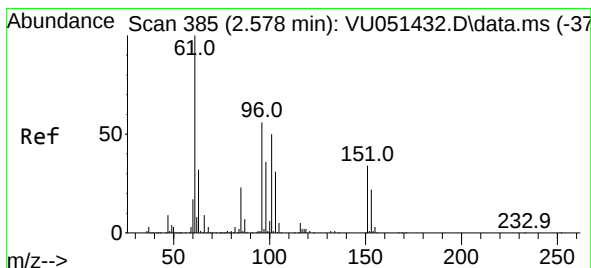
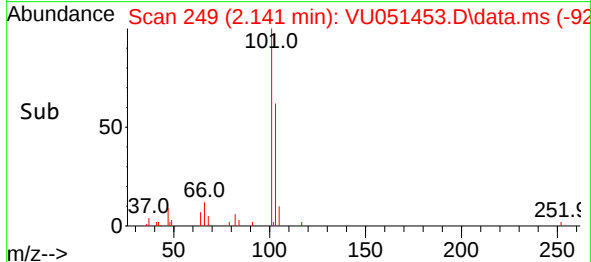
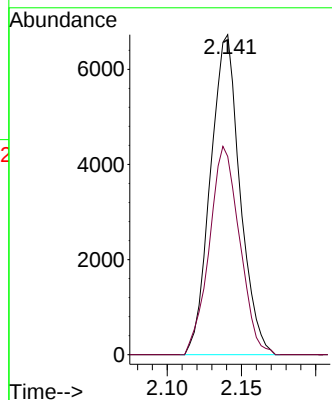
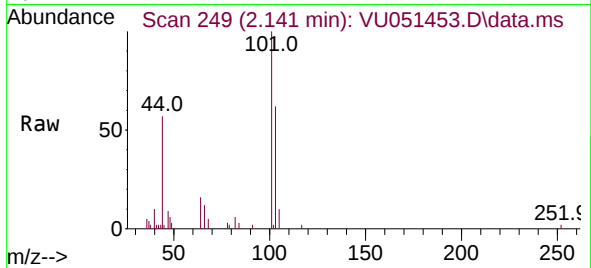




#7
 Trichlorofluoromethane
 Concen: 0.361 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU051453.D
 Acq: 19 Oct 2022 12:53

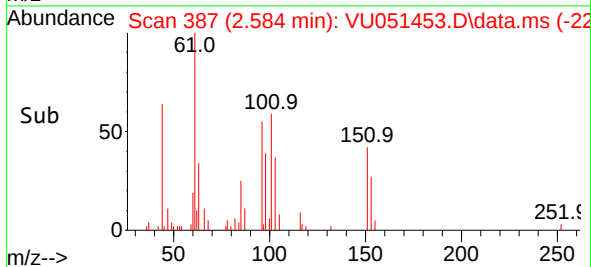
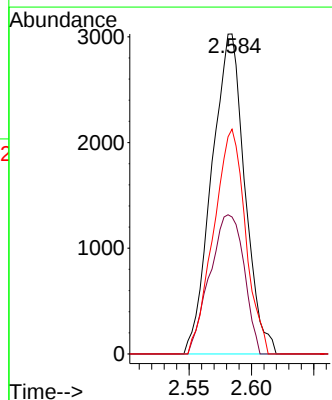
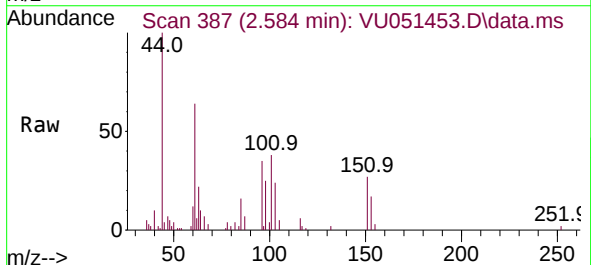
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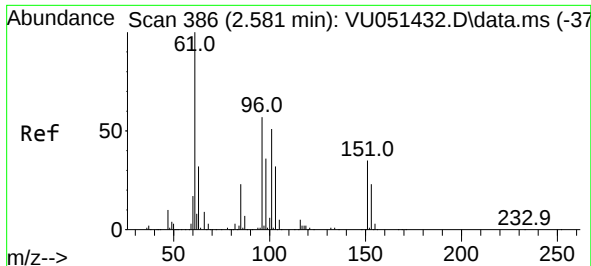
Tgt Ion:101 Resp: 9301
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.392 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. 0.006 min
 Lab File: VU051453.D
 Acq: 19 Oct 2022 12:53

Tgt Ion:101 Resp: 5572
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.6 54.8
 151 68.0 54.6 81.8

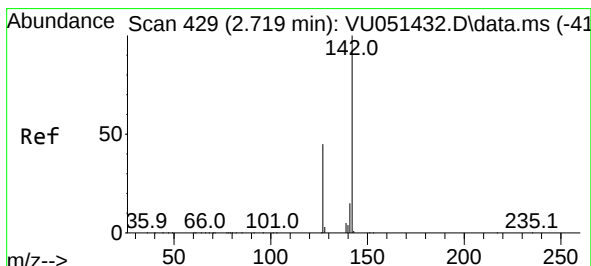
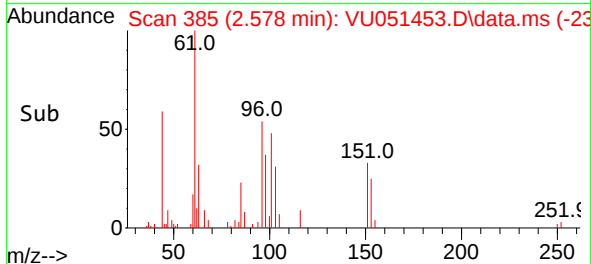
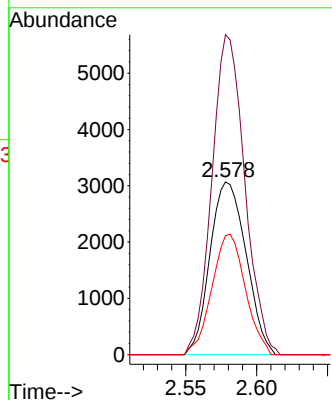
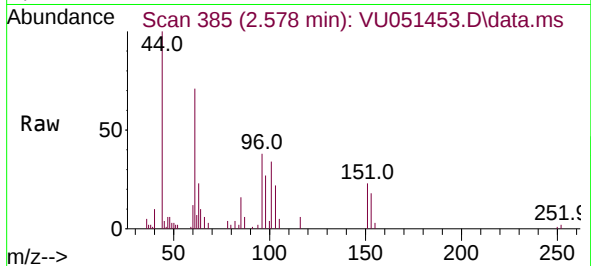




#9
1,1-Dichloroethene
Concen: 0.366 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

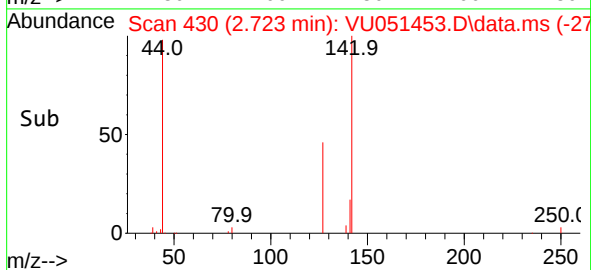
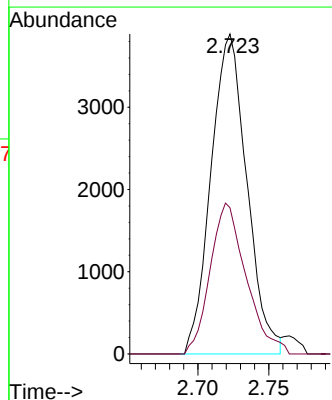
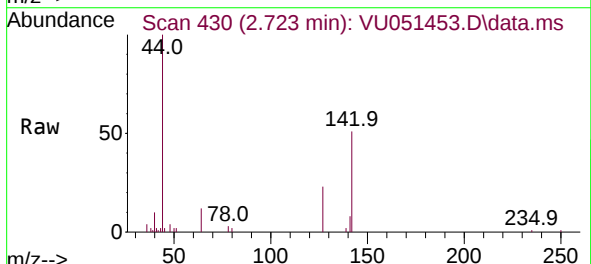
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

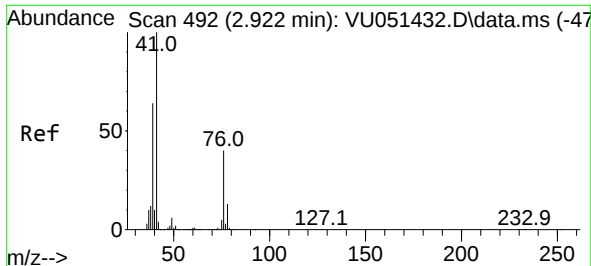
Tgt Ion: 96 Resp: 5434
Ion Ratio Lower Upper
96 100
61 185.2 0.0 522.3
98 68.9 0.0 126.6



#10
Iodomethane
Concen: 0.356 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 142 Resp: 6844
Ion Ratio Lower Upper
142 100
127 47.3 37.0 55.4





#11

Allyl Chloride

Concen: 0.401 ug/l

RT: 2.925 min Scan# 491

Delta R.T. 0.003 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

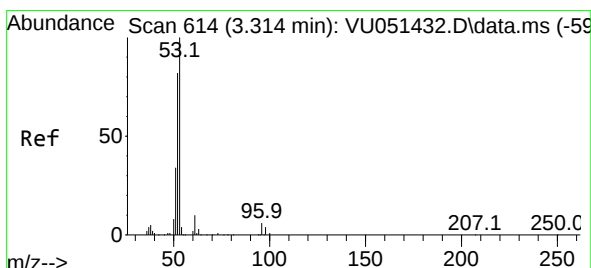
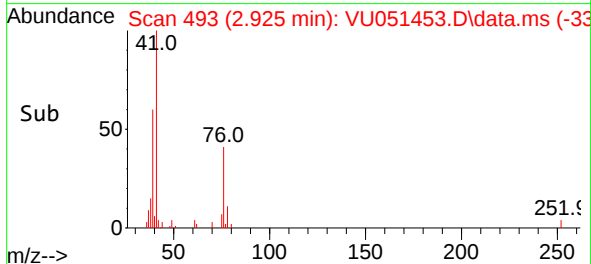
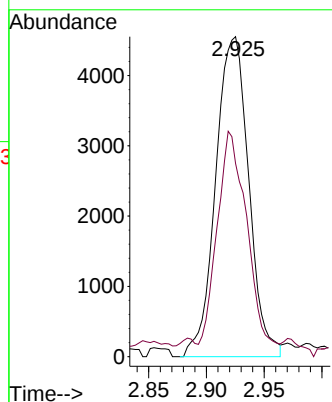
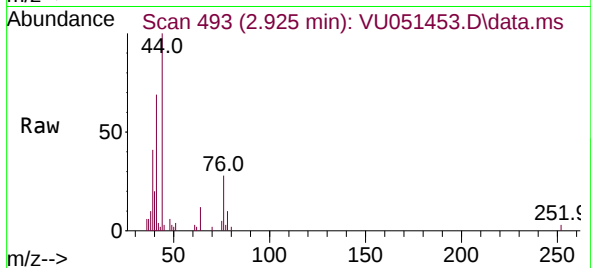
MDL-WATER-03-QT4-2022

Tgt Ion: 41 Resp: 9070

Ion Ratio Lower Upper

41 100

39 57.7 51.4 77.0



#12

Acrylonitrile

Concen: 0.757 ug/l

RT: 3.317 min Scan# 615

Delta R.T. 0.003 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

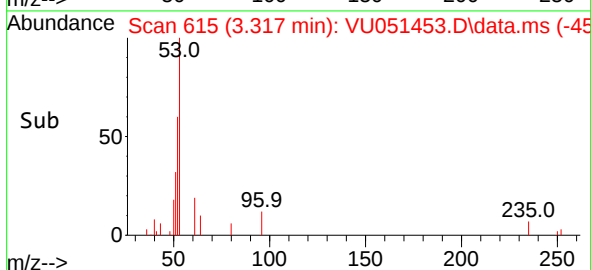
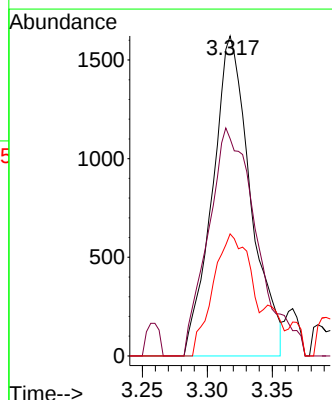
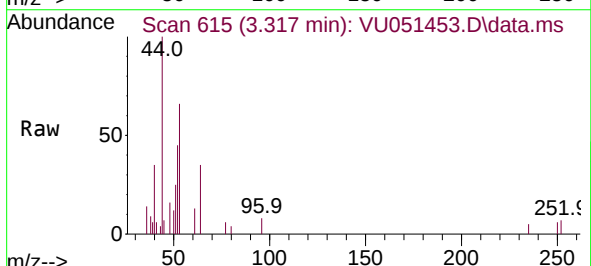
Tgt Ion: 53 Resp: 3307

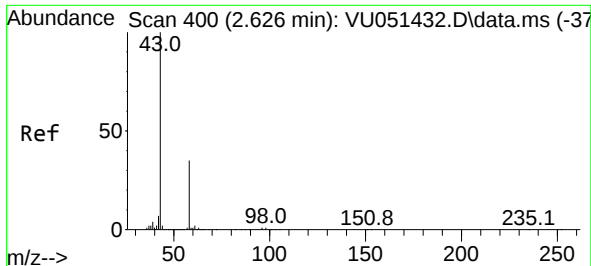
Ion Ratio Lower Upper

53 100

52 90.7 63.9 95.9

51 38.8 25.9 38.9





#13

Acetone

Concen: 2.135 ug/l

RT: 2.629 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

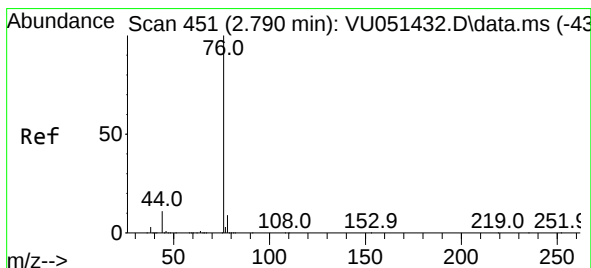
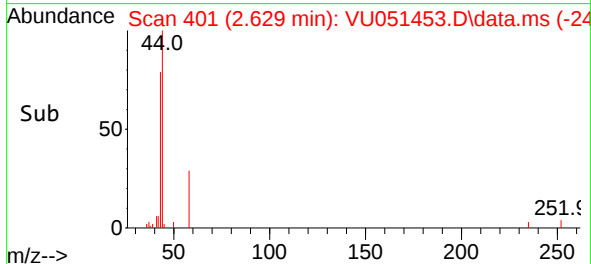
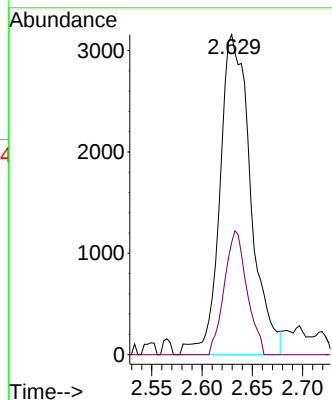
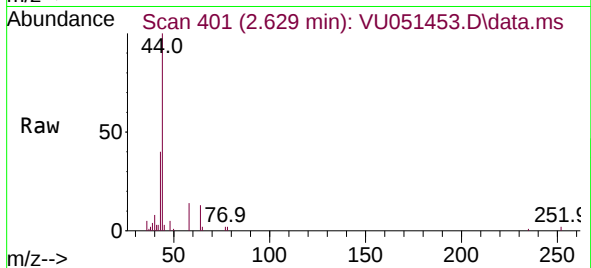
MDL-WATER-03-QT4-2022

Tgt Ion: 43 Resp: 6714

Ion Ratio Lower Upper

43 100

58 35.2 27.9 41.9



#14

Carbon Disulfide

Concen: 0.369 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051453.D

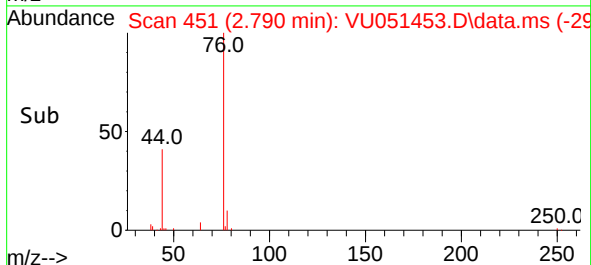
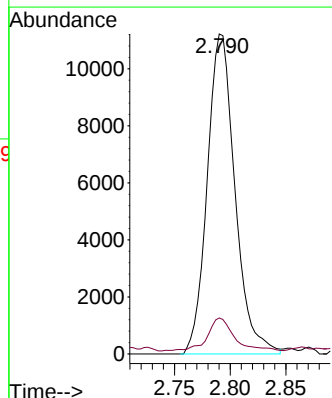
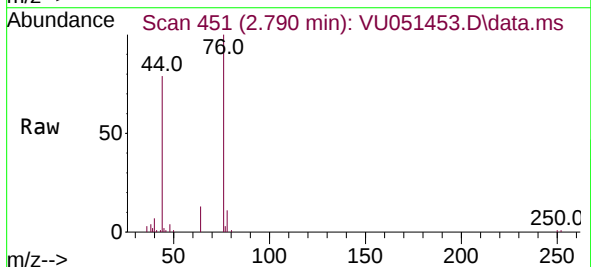
Acq: 19 Oct 2022 12:53

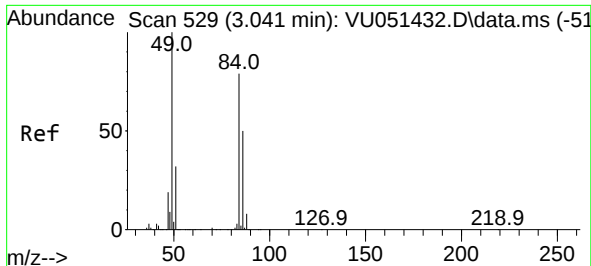
Tgt Ion: 76 Resp: 19488

Ion Ratio Lower Upper

76 100

78 10.1 7.2 10.8



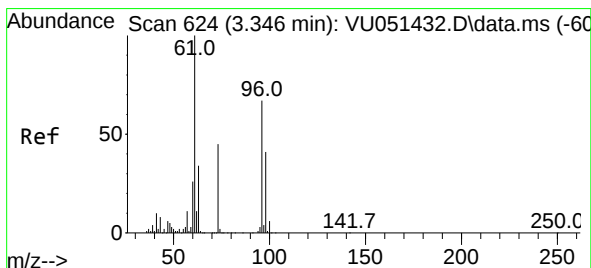
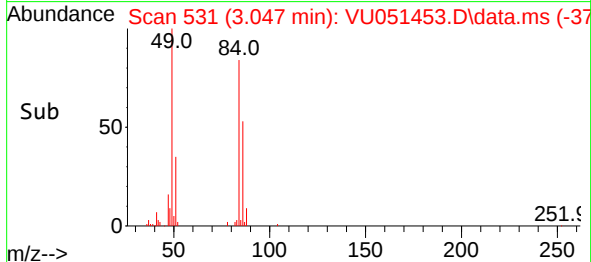
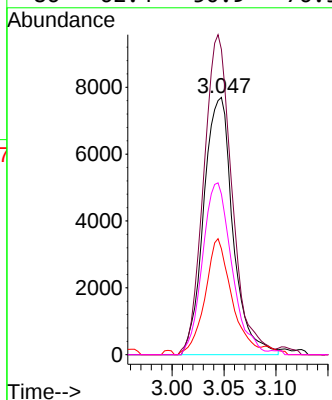
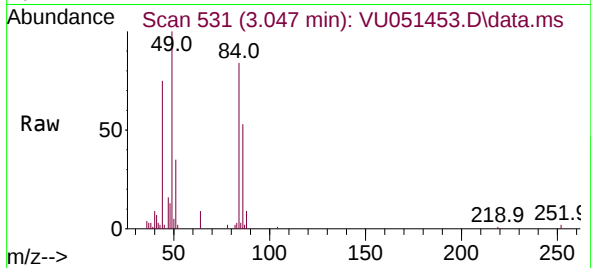


#15
Methylene Chloride
Concen: 0.692 ug/l
RT: 3.047 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 84 Resp: 15048

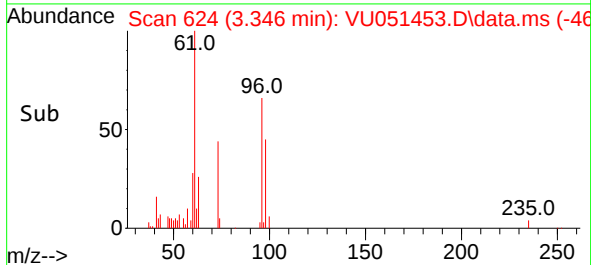
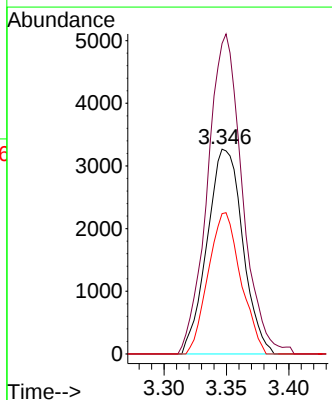
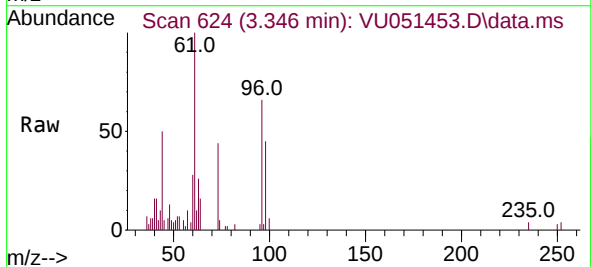
Ion	Ratio	Lower	Upper
84	100		
49	118.7	101.1	151.7
51	41.2	0.0	80.2
86	62.4	50.9	76.3

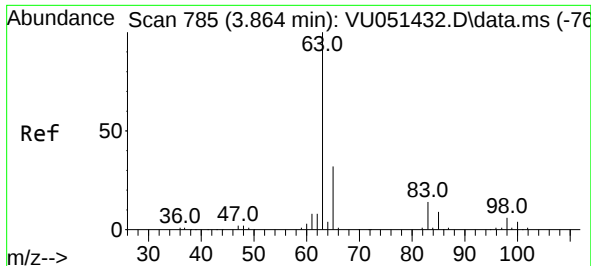


#16
trans-1,2-Dichloroethene
Concen: 0.382 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 96 Resp: 6494

Ion	Ratio	Lower	Upper
96	100		
61	151.6	119.9	179.9
98	68.6	49.5	74.3

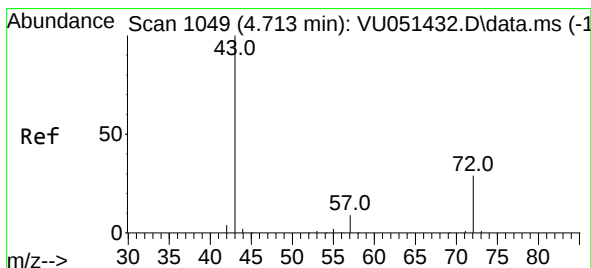
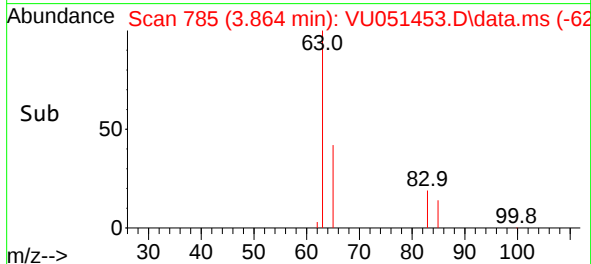
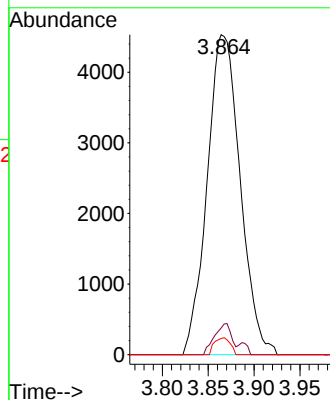
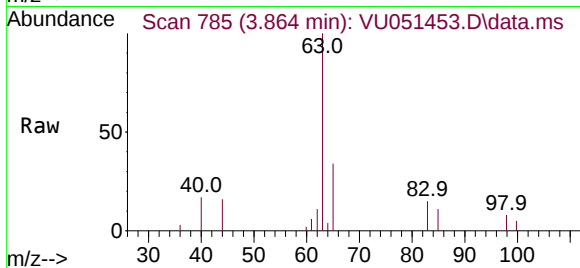




#17
 1,1-Dichloroethane
 Concen: 0.371 ug/l
 RT: 3.864 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU051453.D
 Acq: 19 Oct 2022 12:53

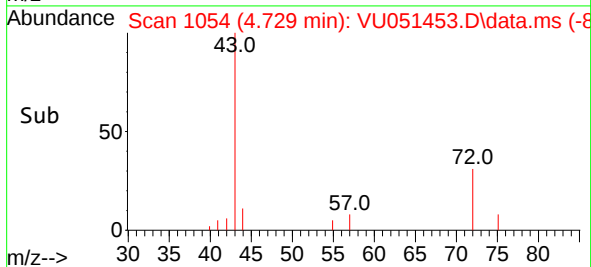
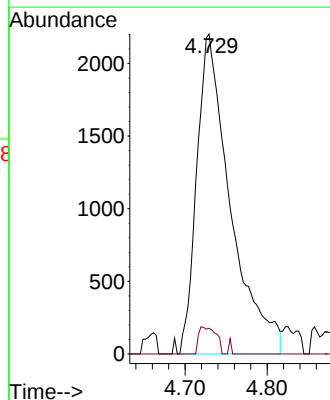
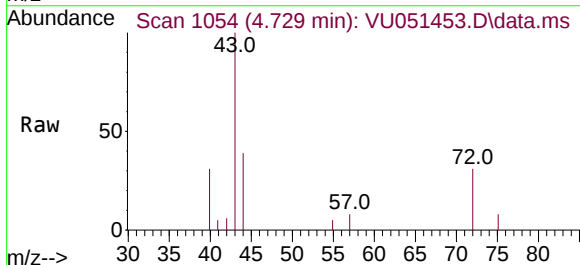
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2022

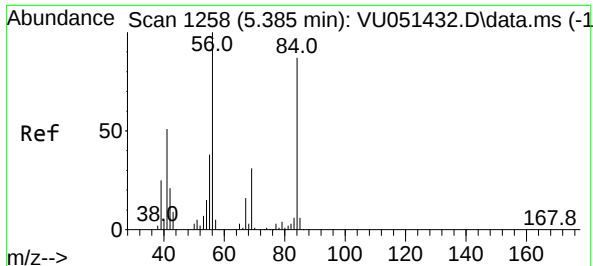
Tgt Ion:	63	Resp:	11360
Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.1	9.3
100	5.1	2.1	6.3



#18
 2-Butanone
 Concen: 1.648 ug/l
 RT: 4.729 min Scan# 1054
 Delta R.T. 0.016 min
 Lab File: VU051453.D
 Acq: 19 Oct 2022 12:53

Tgt Ion:	43	Resp:	6289
Ion	Ratio	Lower	Upper
43	100		
57	8.0	0.0	18.2





#19

Cyclohexane

Concen: 0.282 ug/l

RT: 5.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

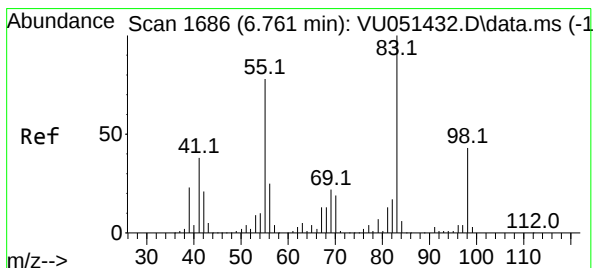
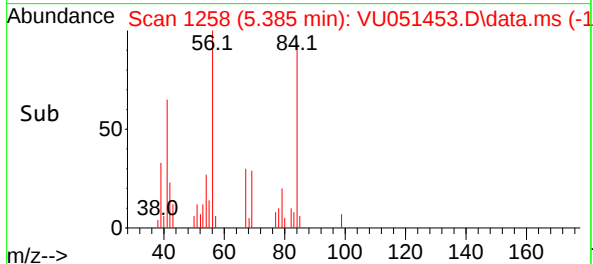
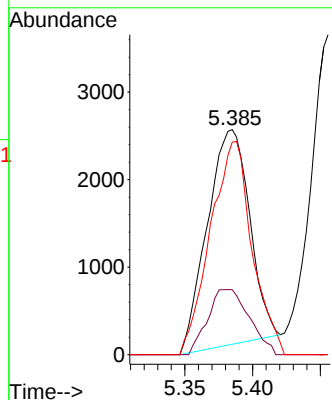
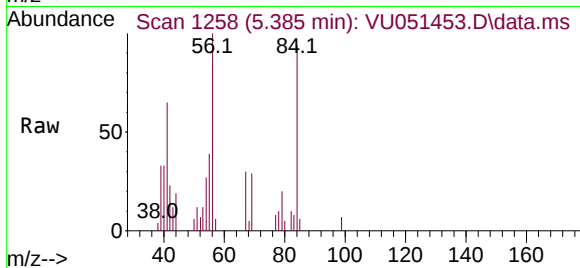
Tgt Ion: 56 Resp: 5351

Ion Ratio Lower Upper

56 100

69 29.6 25.0 37.4

84 97.0 68.5 102.7



#20

Methylcyclohexane

Concen: 0.287 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

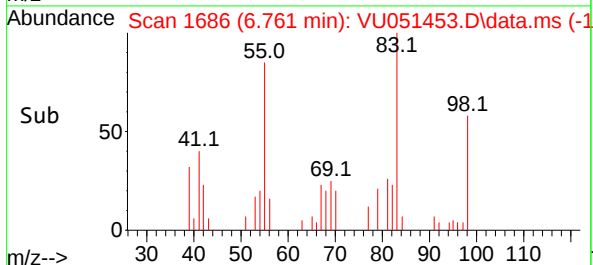
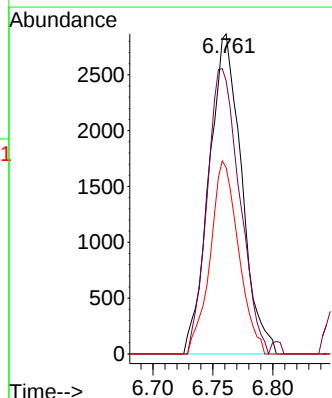
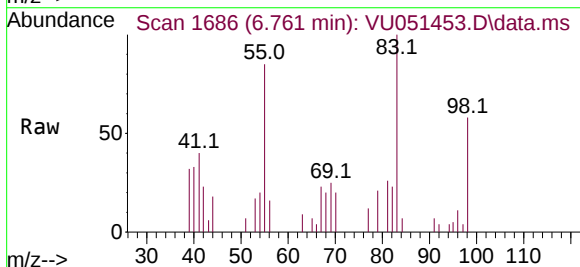
Tgt Ion: 83 Resp: 5402

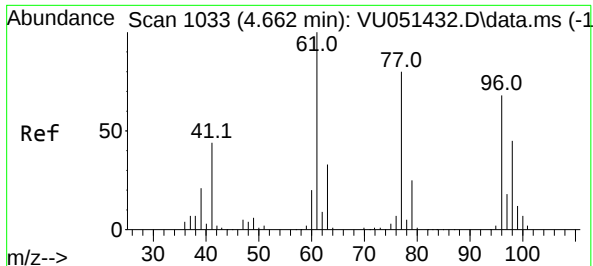
Ion Ratio Lower Upper

83 100

55 89.1 62.4 93.6

98 52.6 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: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

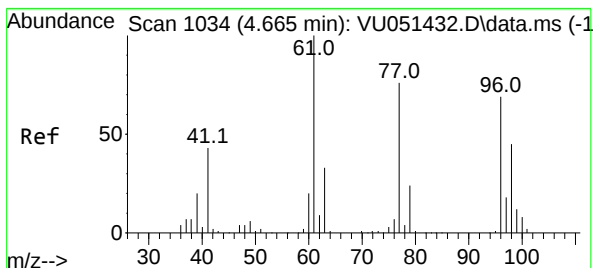
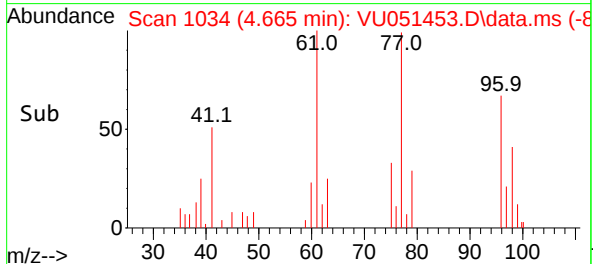
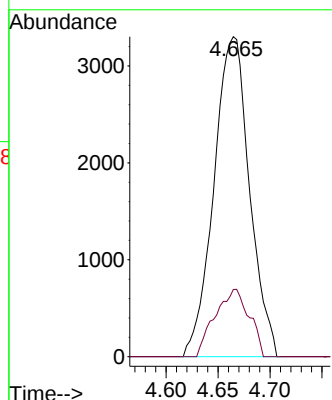
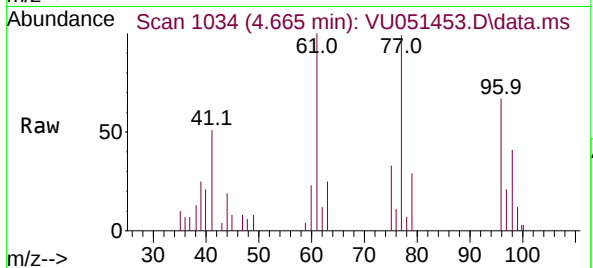
MDL-WATER-03-QT4-2022

Tgt Ion: 77 Resp: 7873

Ion Ratio Lower Upper

77 100

97 20.2 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 0.346 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

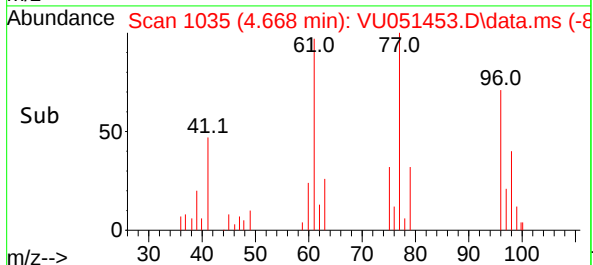
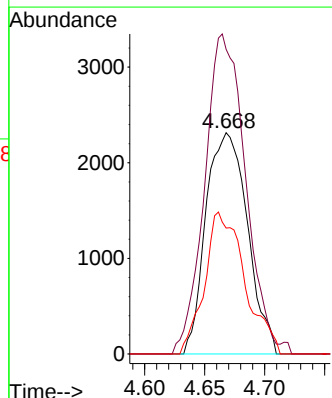
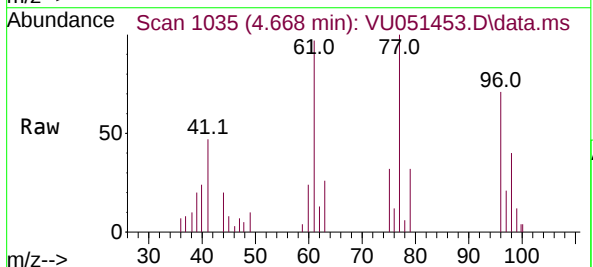
Tgt Ion: 96 Resp: 5577

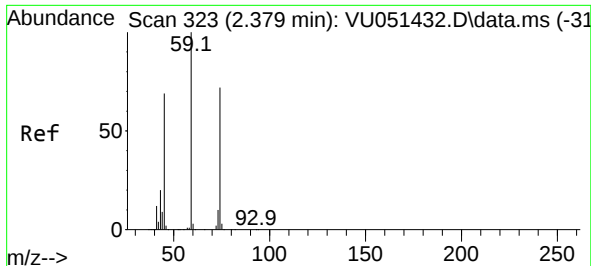
Ion Ratio Lower Upper

96 100

61 142.4 0.0 362.8

98 62.0 32.5 97.5

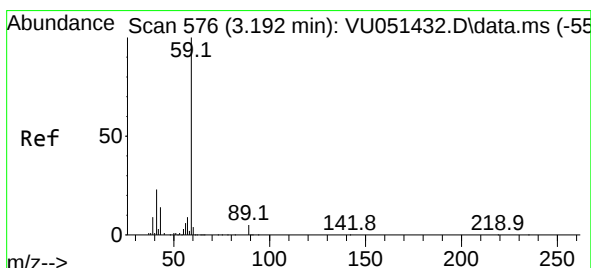
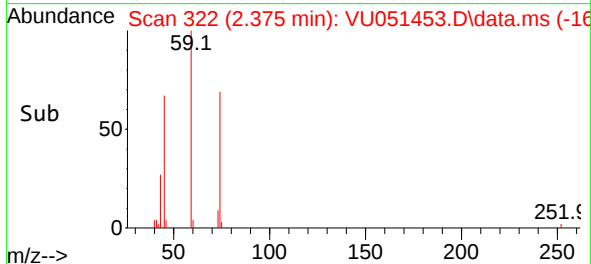
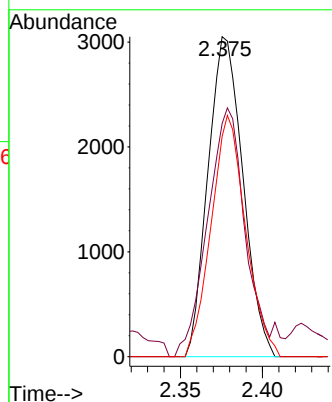
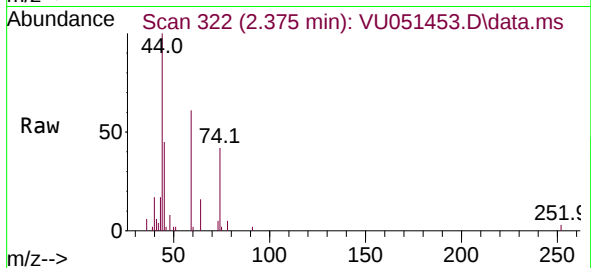




#23
Diethyl Ether
Concen: 0.347 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.004 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

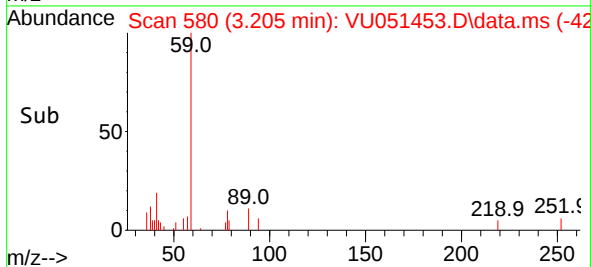
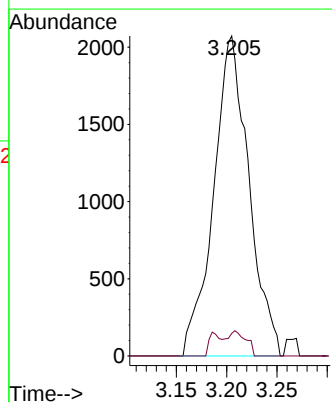
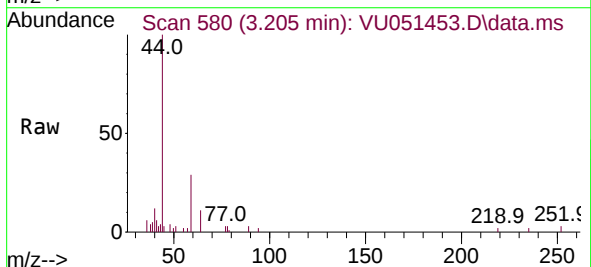
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

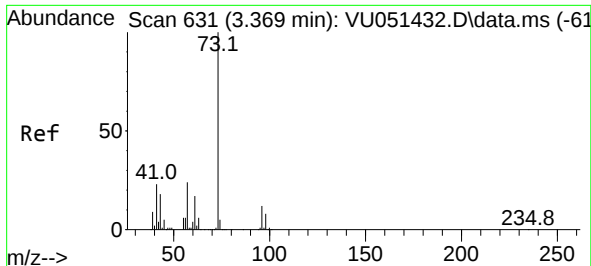
Tgt Ion: 59 Resp: 4500
Ion Ratio Lower Upper
59 100
45 85.9 55.7 83.5#
74 74.6 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 3.728 ug/l
RT: 3.205 min Scan# 580
Delta R.T. 0.013 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 59 Resp: 5066
Ion Ratio Lower Upper
59 100
57 3.8 7.8 11.8#

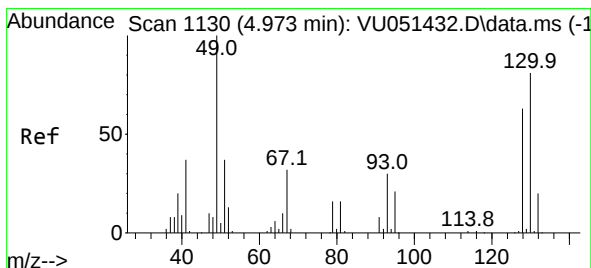
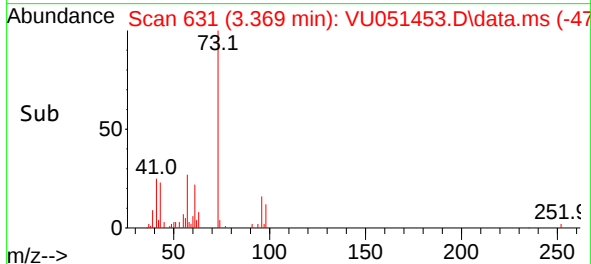
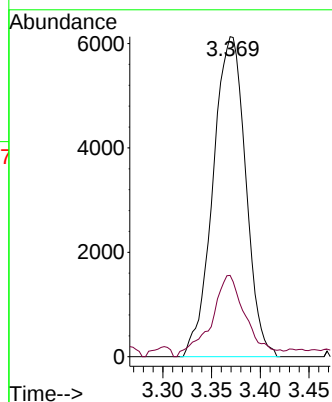
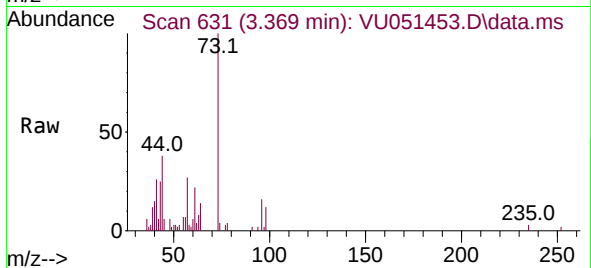




#25
Methyl tert-Butyl Ether
Concen: 0.371 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

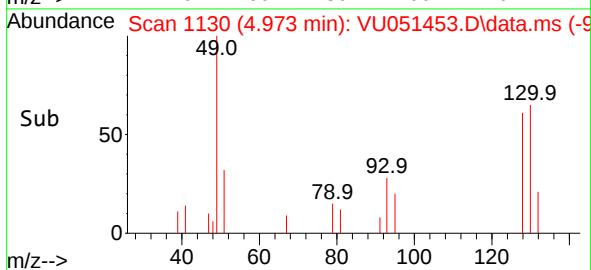
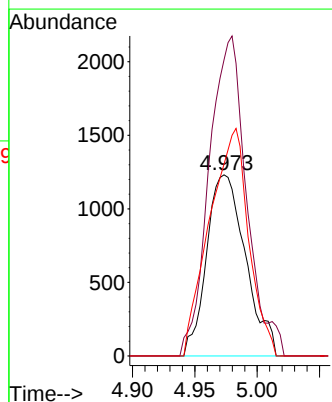
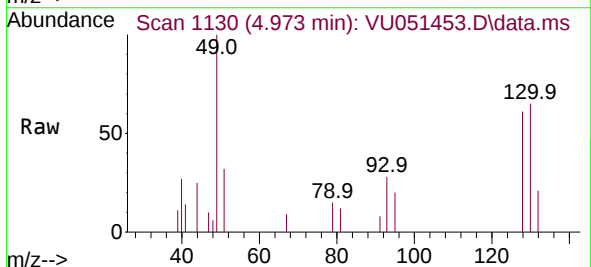
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

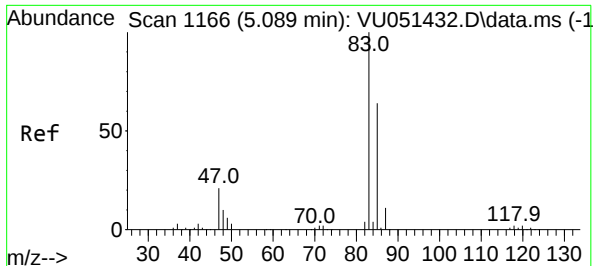
Tgt Ion: 73 Resp: 14307
Ion Ratio Lower Upper
73 100
43 26.7 14.2 21.4#



#26
Bromochloromethane
Concen: 0.341 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 128 Resp: 2679
Ion Ratio Lower Upper
128 100
49 169.4 0.0 320.4
130 126.3 105.0 157.6





#27

Chloroform

Concen: 0.355 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

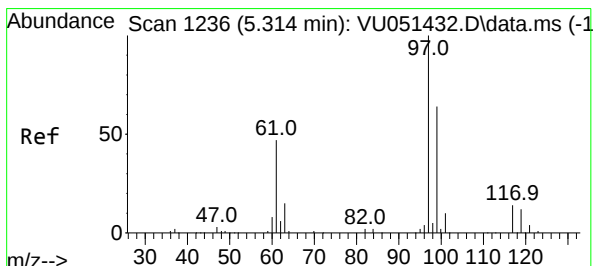
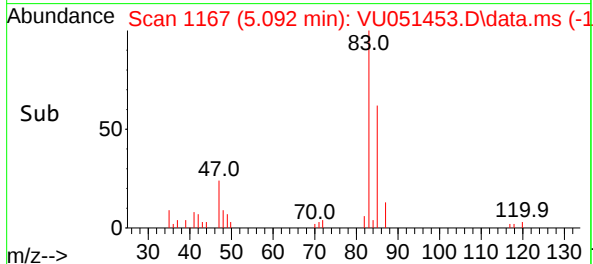
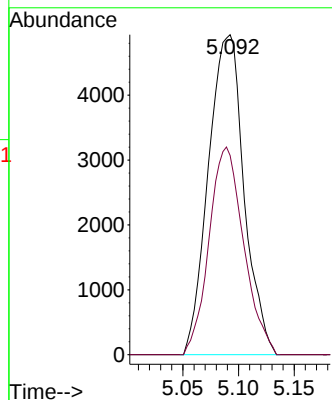
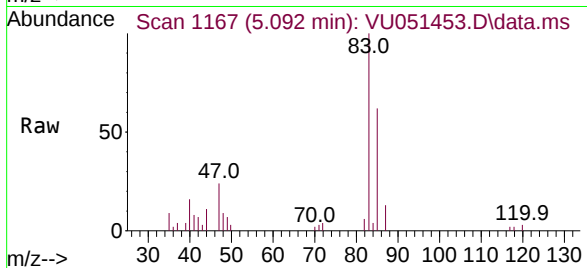
MDL-WATER-03-QT4-2022

Tgt Ion: 83 Resp: 10998

Ion Ratio Lower Upper

83 100

85 62.2 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 0.348 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

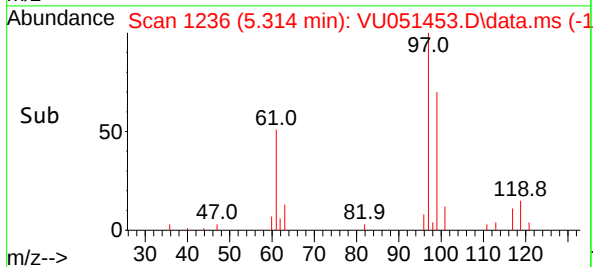
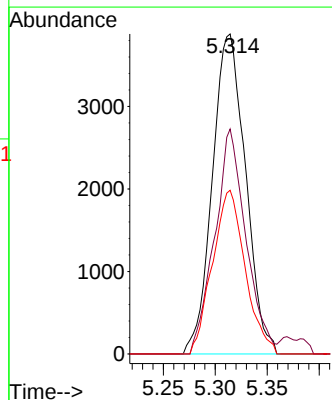
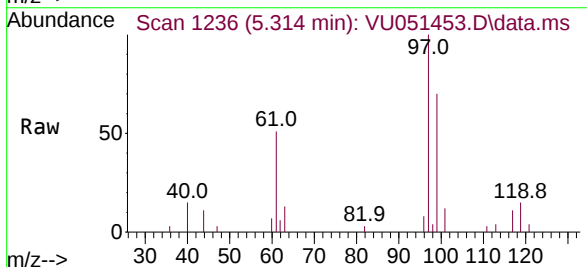
Tgt Ion: 97 Resp: 8599

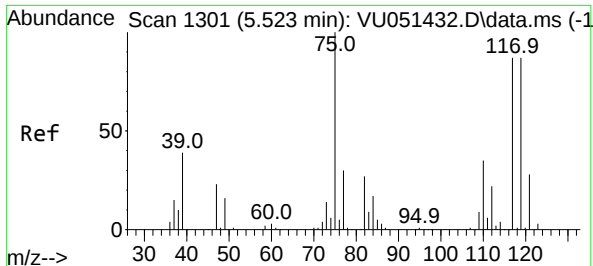
Ion Ratio Lower Upper

97 100

99 66.4 31.8 95.4

61 50.5 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.311 ug/l

RT: 5.523 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

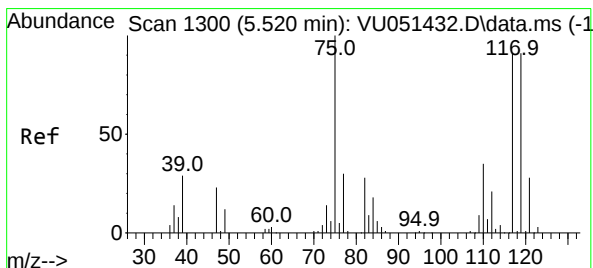
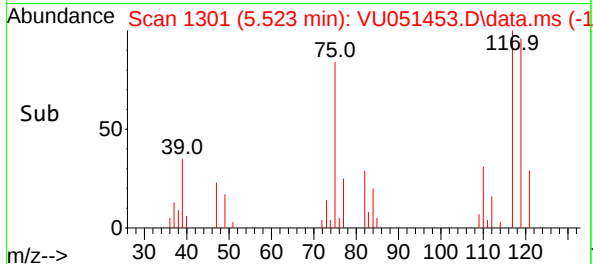
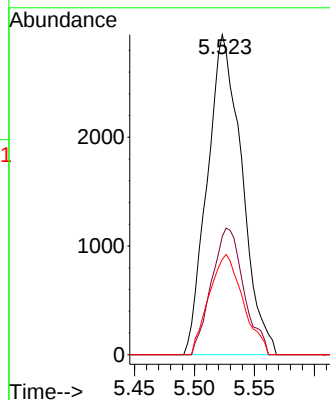
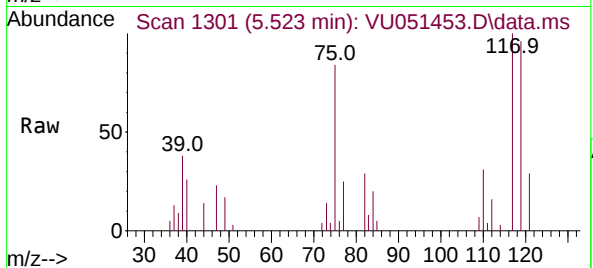
Tgt Ion: 75 Resp: 5893

Ion Ratio Lower Upper

75 100

110 36.9 17.8 53.3

77 30.7 24.2 36.4



#30

Carbon Tetrachloride

Concen: 0.361 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

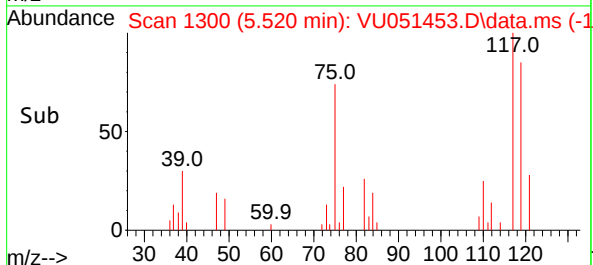
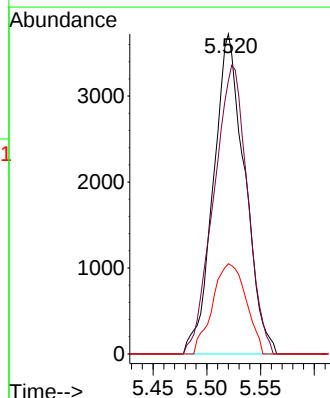
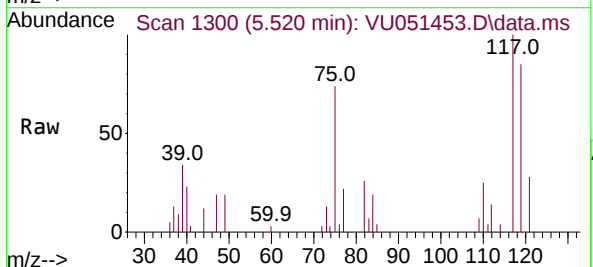
Tgt Ion: 117 Resp: 7540

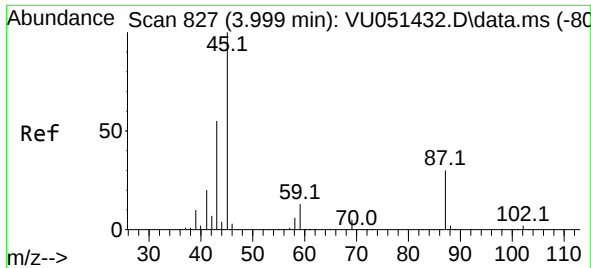
Ion Ratio Lower Upper

117 100

119 85.3 80.0 120.0

121 28.2 24.9 37.3

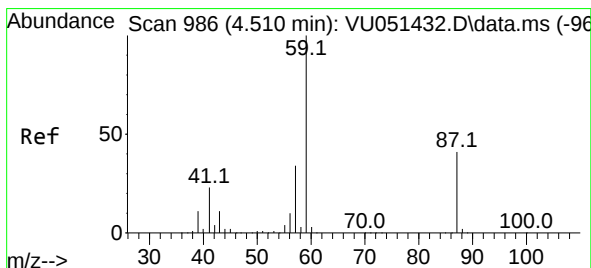
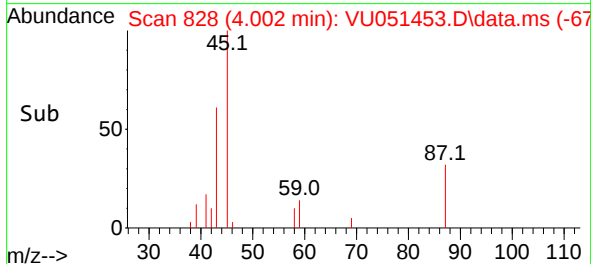
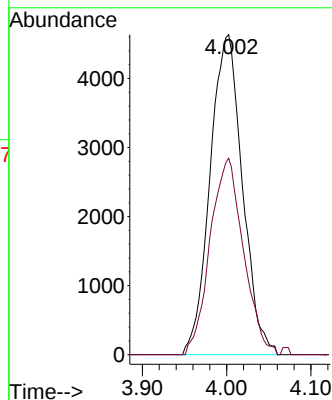
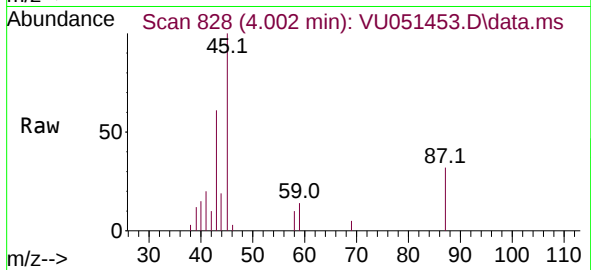




#31
Isopropyl Ether
Concen: 0.342 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

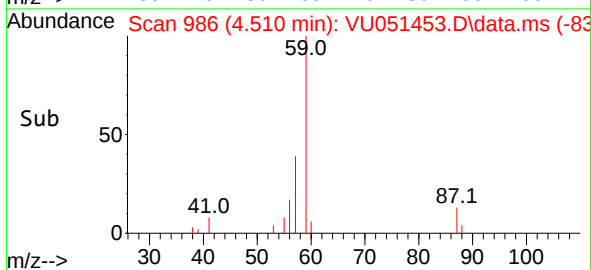
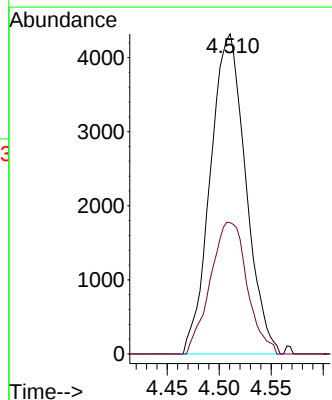
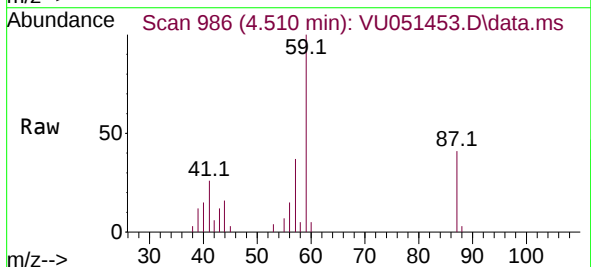
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

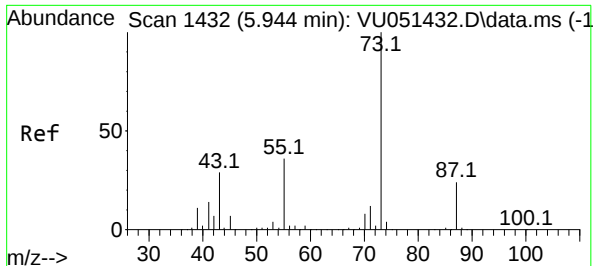
Tgt Ion: 45 Resp: 12361
Ion Ratio Lower Upper
45 100
43 63.2 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 0.310 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 59 Resp: 10229
Ion Ratio Lower Upper
59 100
87 42.8 33.8 50.8





#33

Tert-Amyl methyl ether

Concen: 0.287 ug/l

RT: 5.948 min Scan# 1432

Delta R.T. 0.003 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

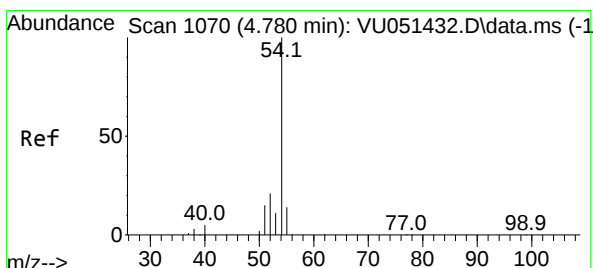
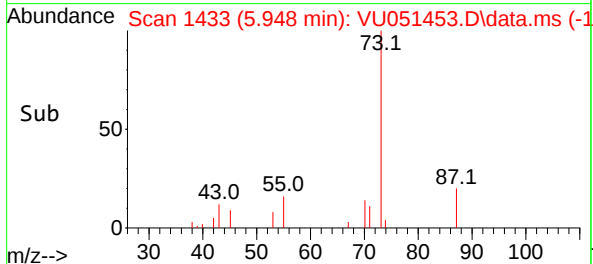
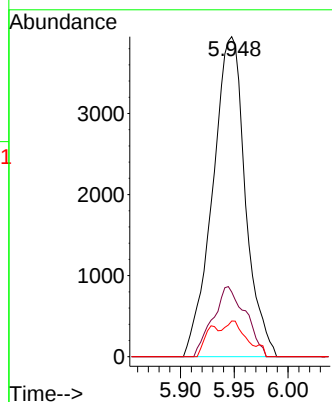
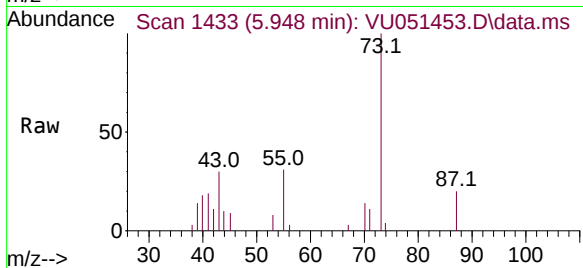
Tgt Ion: 73 Resp: 8343

Ion Ratio Lower Upper

73 100

87 22.0 18.9 28.3

71 7.5 9.4 14.2#



#34

Propionitrile

Concen: 1.597 ug/l

RT: 4.797 min Scan# 1075

Delta R.T. 0.016 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Tgt Ion: 54 Resp: 2048

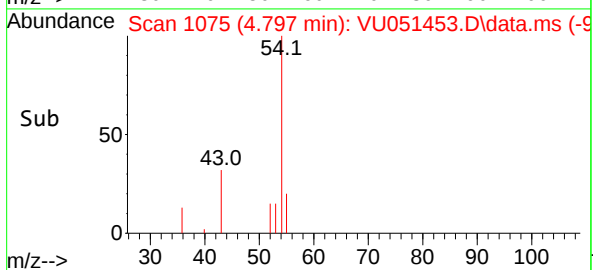
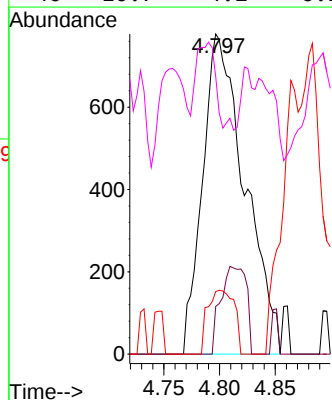
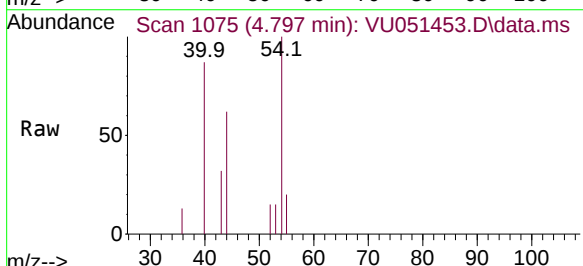
Ion Ratio Lower Upper

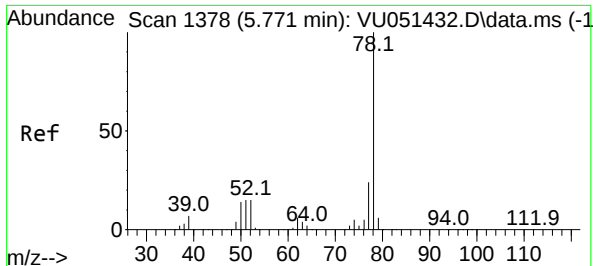
54 100

52 0.0 16.4 24.6#

55 12.5 11.5 17.3

40 10.7 4.2 6.2#

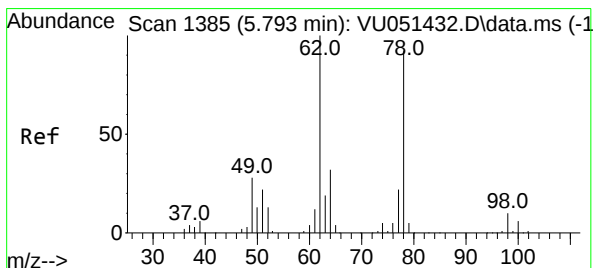
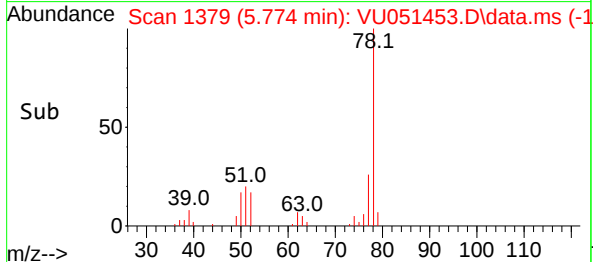
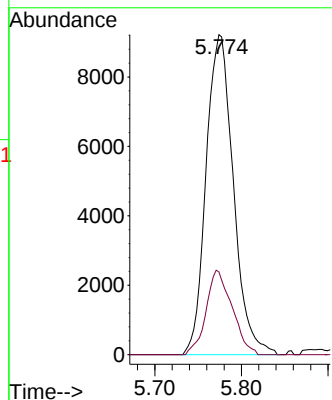
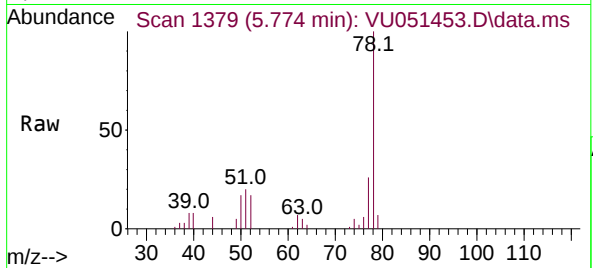




#35
Benzene
Concen: 0.318 ug/l
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

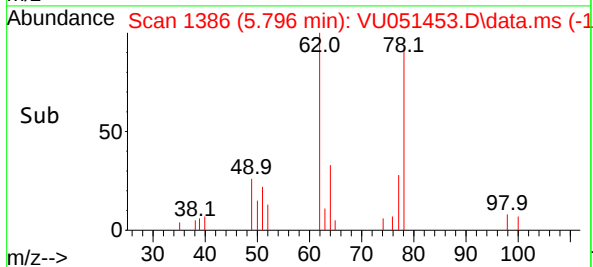
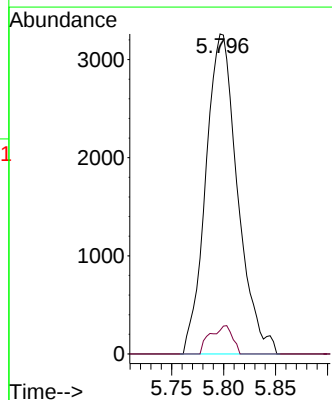
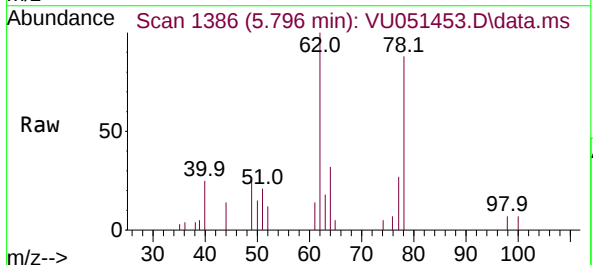
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022

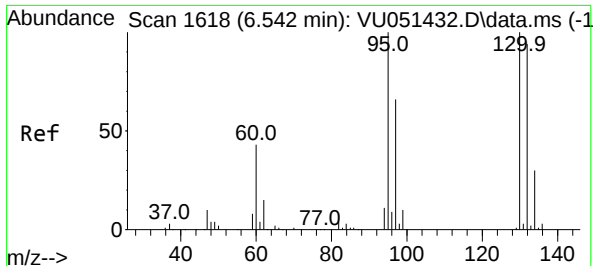
Tgt Ion: 78 Resp: 20187
Ion Ratio Lower Upper
78 100
77 25.8 19.0 28.6



#36
1,2-Dichloroethane
Concen: 0.355 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 62 Resp: 6953
Ion Ratio Lower Upper
62 100
98 6.2 7.4 11.2#

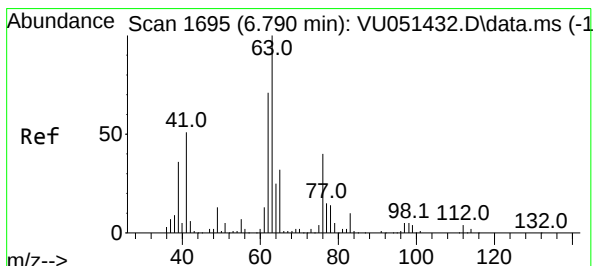
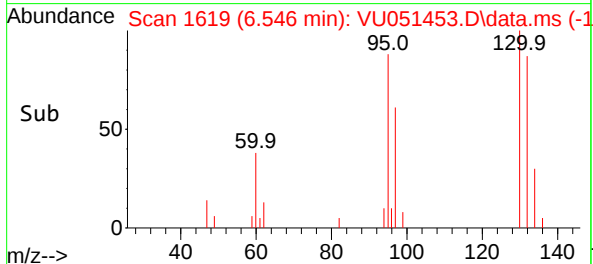
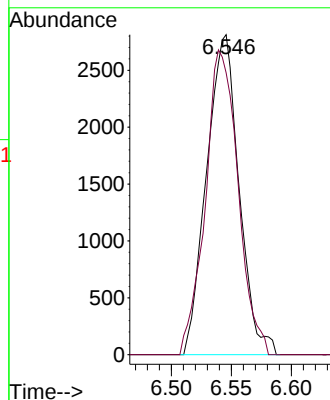
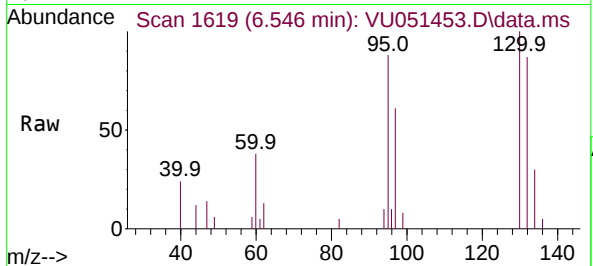




#37
Trichloroethene
Concen: 0.355 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

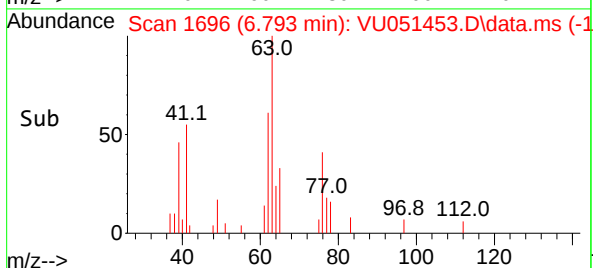
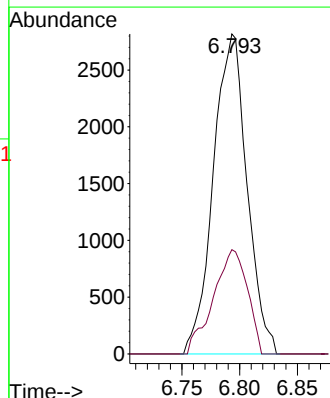
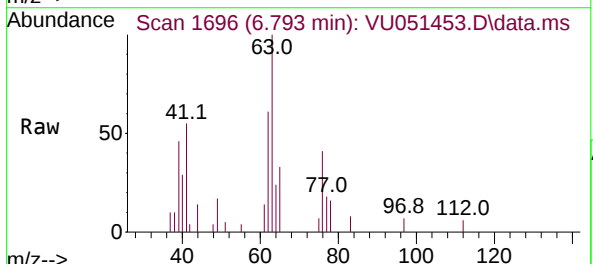
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

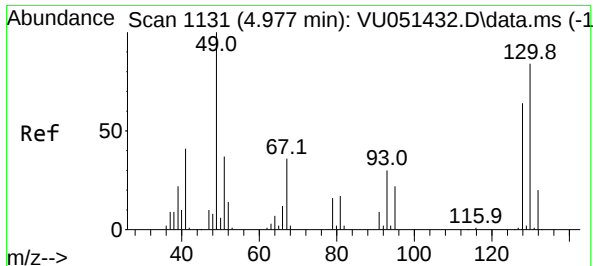
Tgt Ion:130 Resp: 5296
Ion Ratio Lower Upper
130 100
95 88.1 80.2 120.4



#38
1,2-Dichloropropane
Concen: 0.328 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 63 Resp: 5712
Ion Ratio Lower Upper
63 100
65 32.6 25.4 38.2





#39

Methacrylonitrile

Concen: 0.195 ug/l

RT: 4.993 min Scan# 1136

Delta R.T. 0.016 min

Lab File: VU051453.D

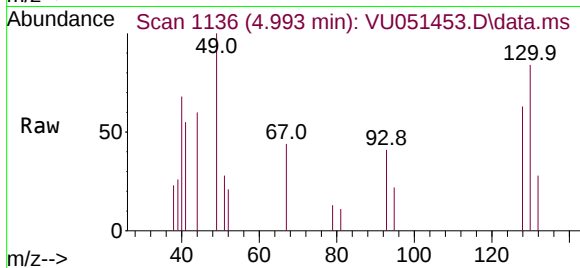
Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022



Tgt Ion: 41 Resp: 856

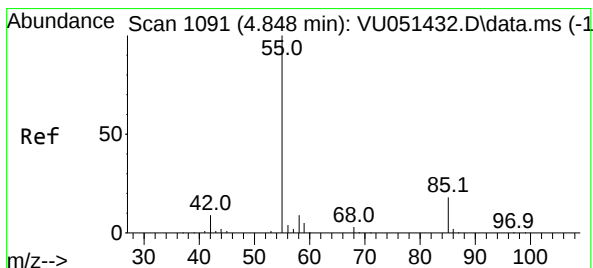
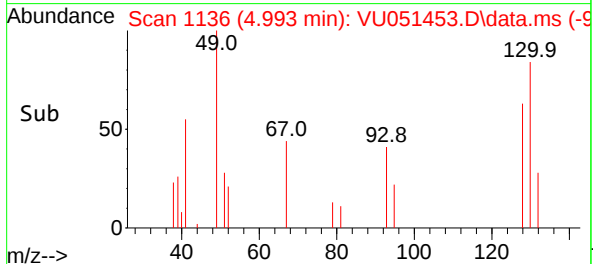
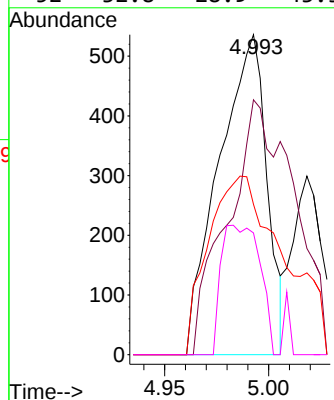
Ion Ratio Lower Upper

41 100

67 110.9 69.6 104.4#

39 90.2 42.2 63.4#

52 32.8 28.9 43.3



#40

Methyl acrylate

Concen: 0.102 ug/l

RT: 4.864 min Scan# 1096

Delta R.T. 0.016 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Tgt Ion: 55 Resp: 711

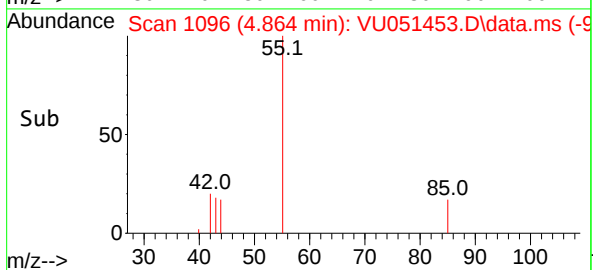
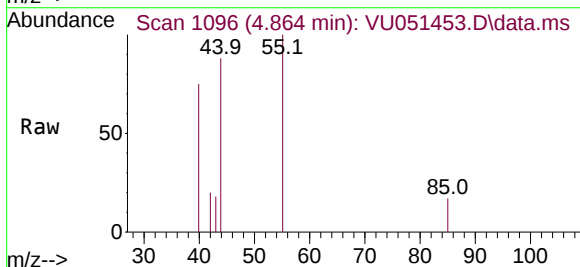
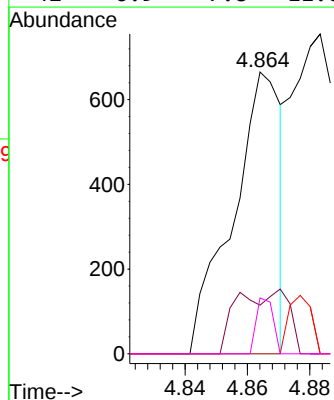
Ion Ratio Lower Upper

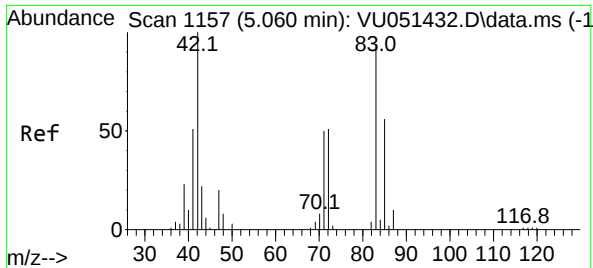
55 100

85 0.0 15.0 22.6#

58 9.8 7.5 11.3

42 6.9 7.8 11.6#

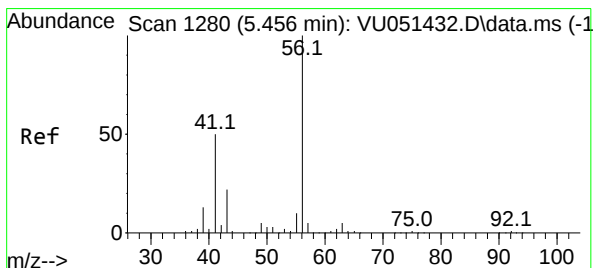
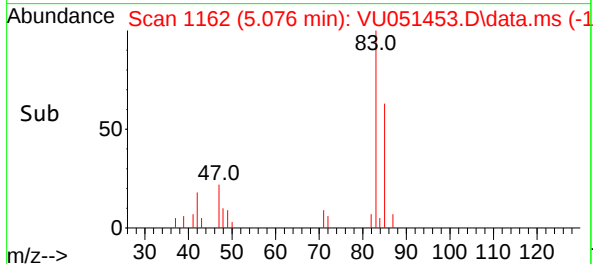
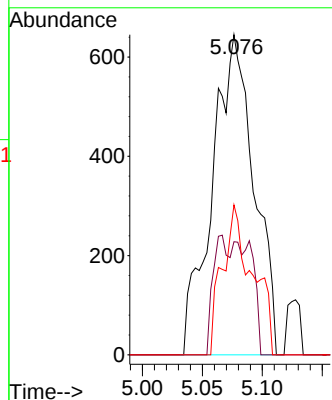
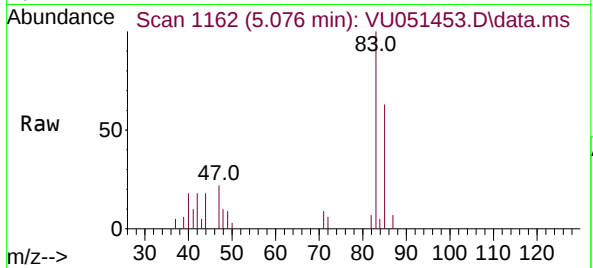




#41
Tetrahydrofuran
Concen: 0.682 ug/l
RT: 5.076 min Scan# 1157
Delta R.T. 0.016 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

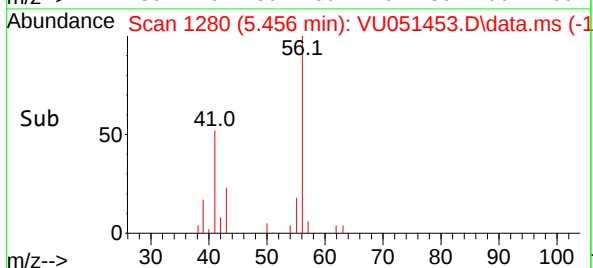
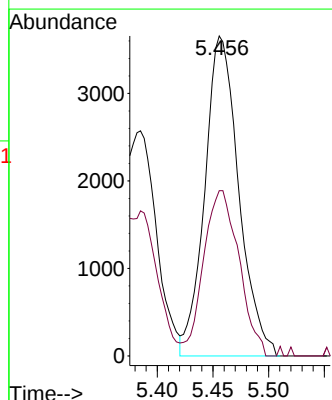
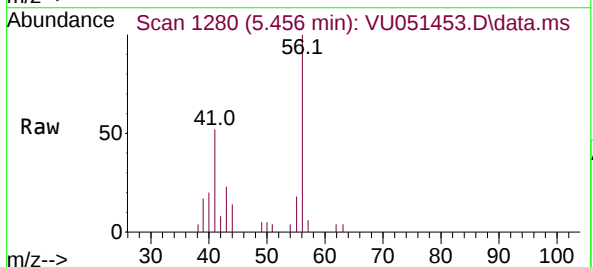
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022

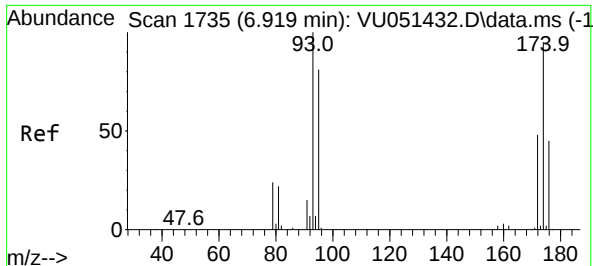
Tgt Ion: 42 Resp: 1569
Ion Ratio Lower Upper
42 100
72 14.7 42.6 64.0#
71 33.6 38.3 57.5#



#42
1-Chlorobutane
Concen: 0.300 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 56 Resp: 7761
Ion Ratio Lower Upper
56 100
41 53.9 24.8 74.4

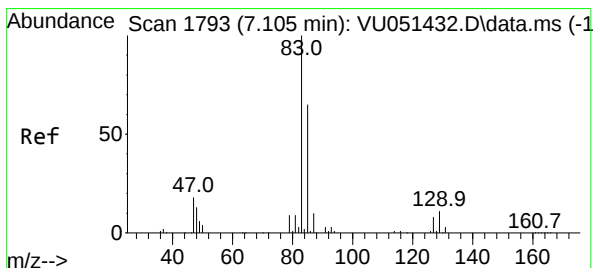
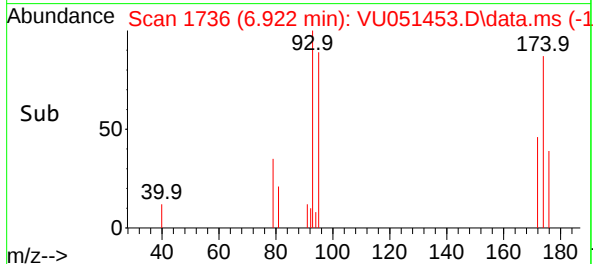
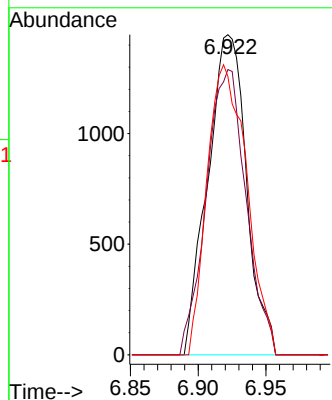
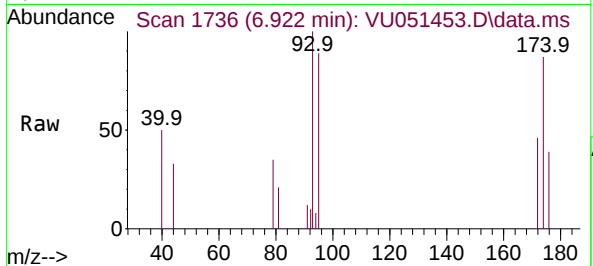




#43
Dibromomethane
Concen: 0.318 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

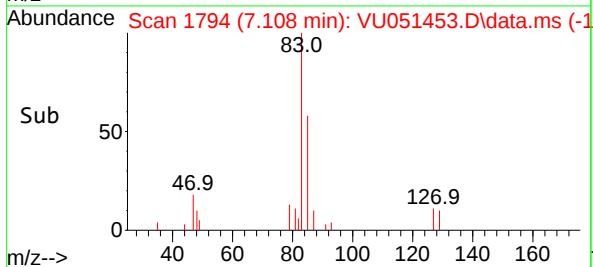
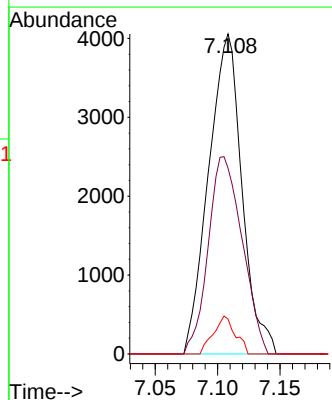
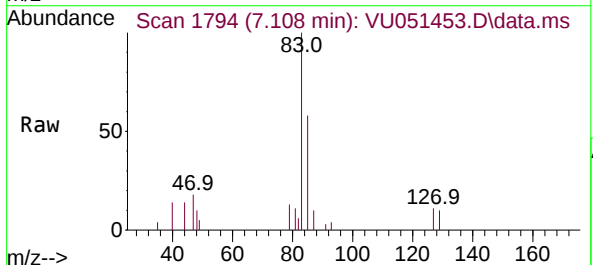
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 93 Resp: 2882
Ion Ratio Lower Upper
93 100
95 91.3 66.7 100.1
174 92.7 75.5 113.3



#44
Bromodichloromethane
Concen: 0.345 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 83 Resp: 7560
Ion Ratio Lower Upper
83 100
85 58.1 52.1 78.1
127 10.9 6.8 10.2#





#45

4-Methyl-2-Pentanone

Concen: 1.260 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

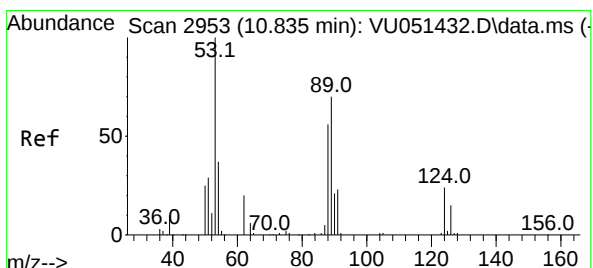
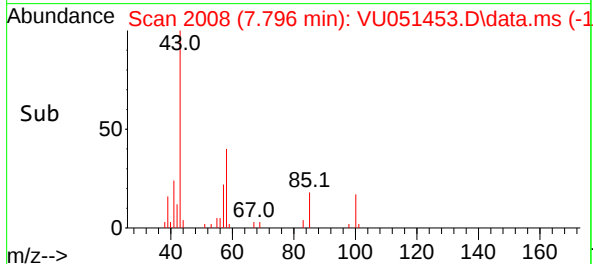
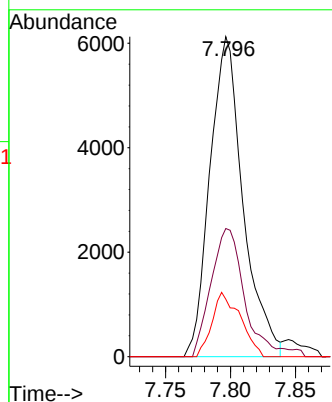
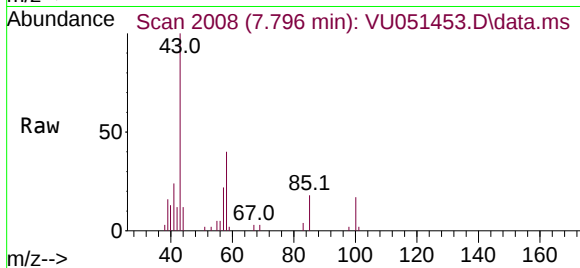
Tgt Ion: 43 Resp: 10855

Ion Ratio Lower Upper

43 100

58 41.1 21.4 64.3

85 17.2 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 1.241 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Tgt Ion: 75 Resp: 5965

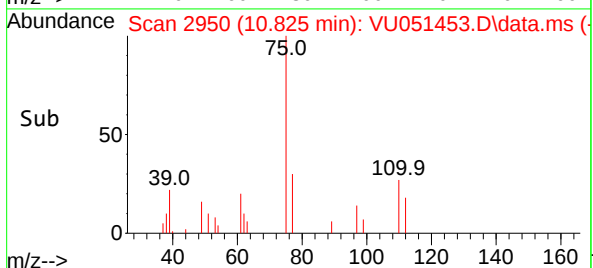
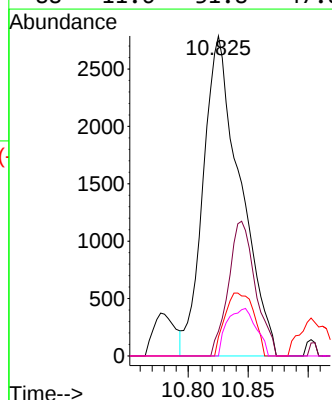
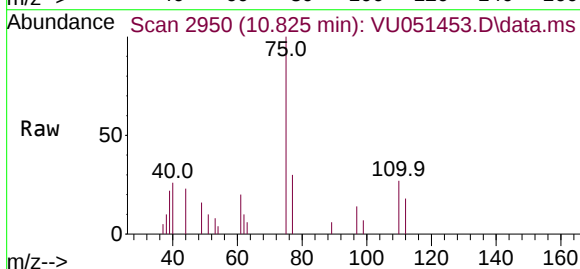
Ion Ratio Lower Upper

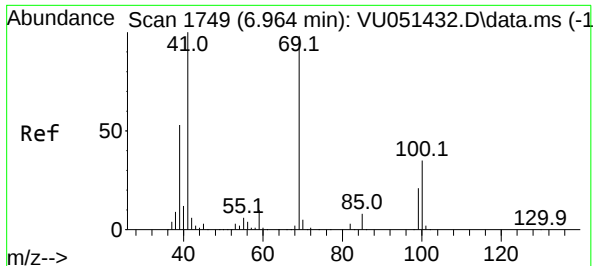
75 100

53 30.8 61.1 91.7#

89 15.4 41.0 61.6#

88 11.6 31.8 47.8#





#47

Methyl methacrylate

Concen: 0.493 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 69 Resp: 3413

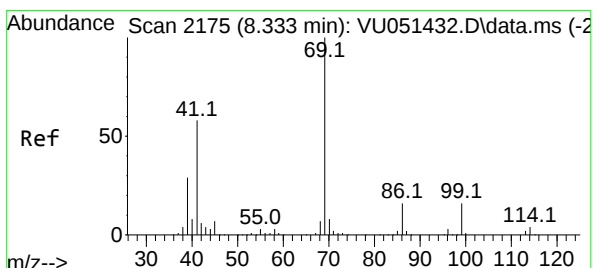
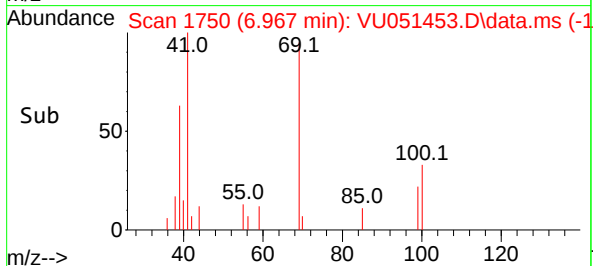
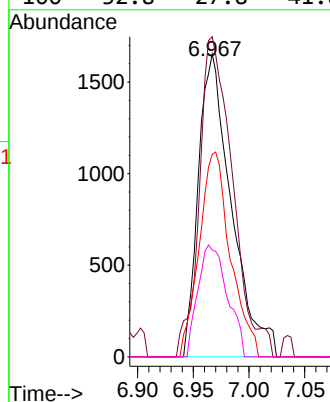
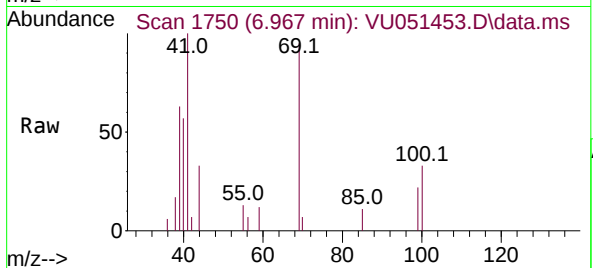
Ion Ratio Lower Upper

69 100

41 106.3 0.0 200.8

39 63.8 44.1 66.1

100 32.8 27.8 41.8



#48

Ethyl methacrylate

Concen: 0.230 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.004 min

Lab File: VU051453.D

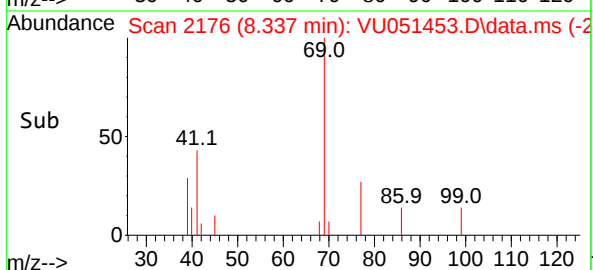
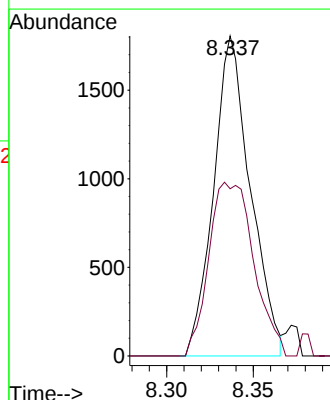
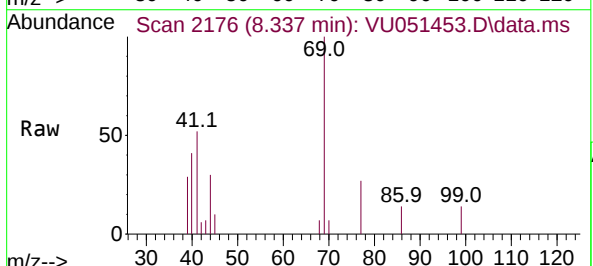
Acq: 19 Oct 2022 12:53

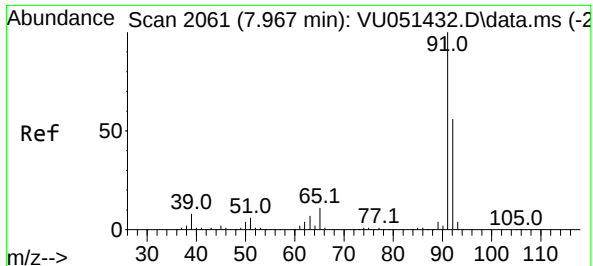
Tgt Ion: 69 Resp: 2671

Ion Ratio Lower Upper

69 100

41 66.1 28.8 86.5





#49

Toluene

Concen: 0.267 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

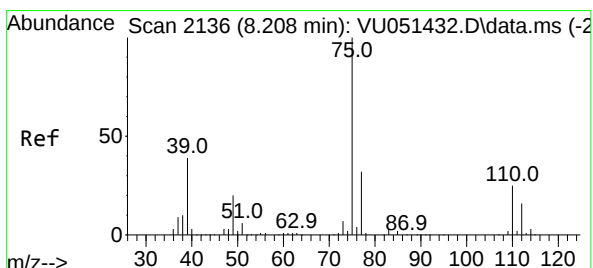
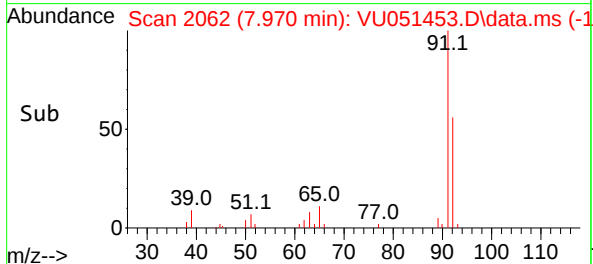
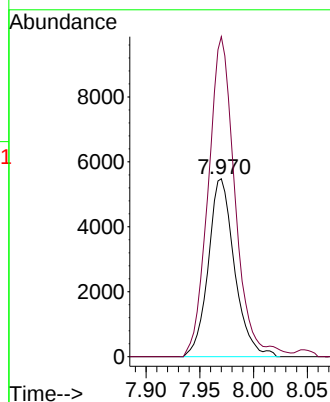
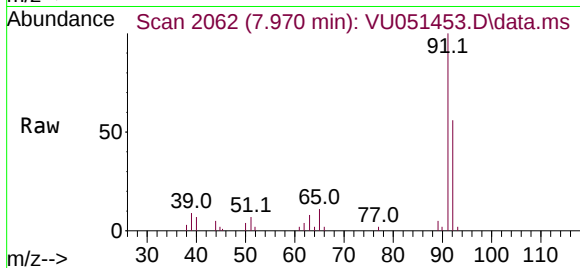
MDL-WATER-03-QT4-2022

Tgt Ion: 92 Resp: 9291

Ion Ratio Lower Upper

92 100

91 183.8 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.306 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VU051453.D

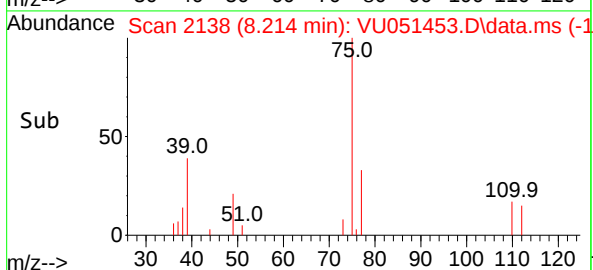
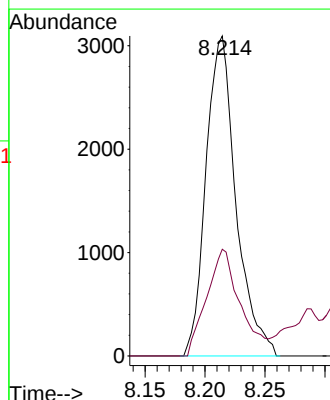
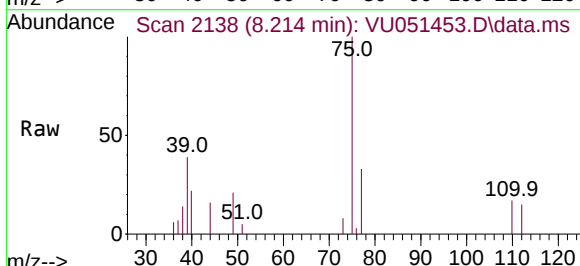
Acq: 19 Oct 2022 12:53

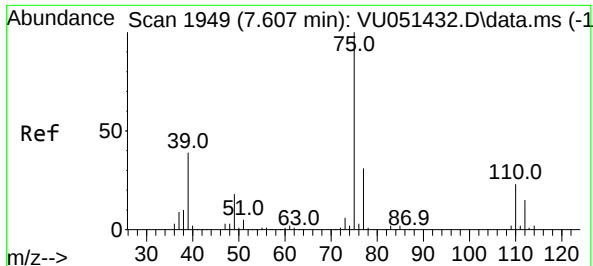
Tgt Ion: 75 Resp: 5384

Ion Ratio Lower Upper

75 100

77 33.3 25.8 38.6

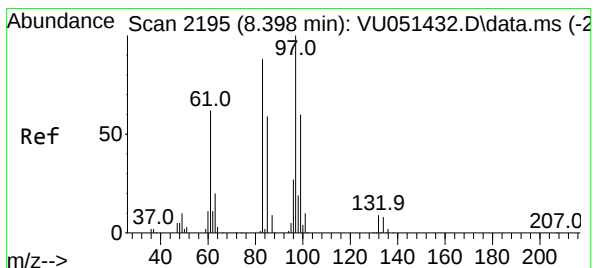
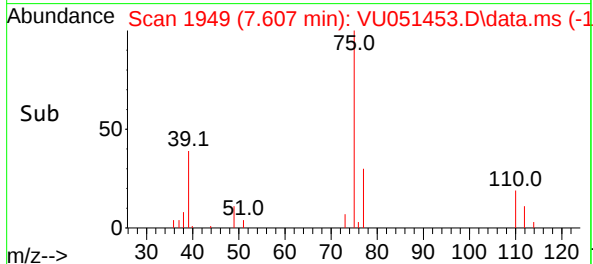
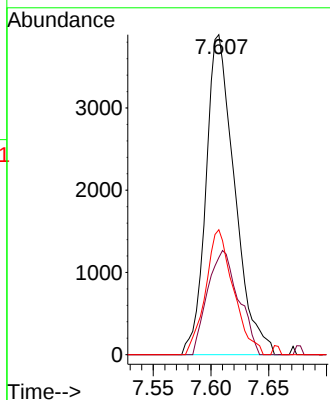
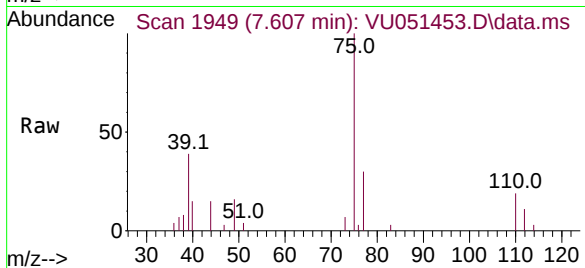




#51
 cis-1,3-Dichloropropene
 Concen: 0.324 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU051453.D
 Acq: 19 Oct 2022 12:53

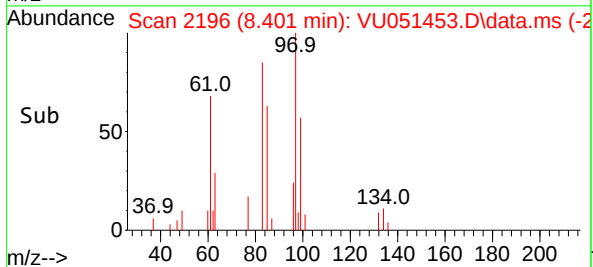
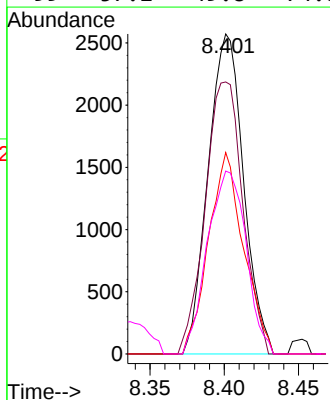
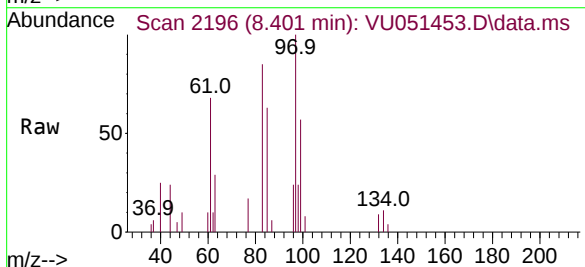
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2022

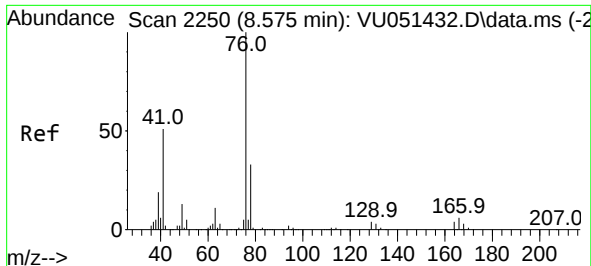
Tgt Ion:	75	Resp:	6723
Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.1	37.7
39	39.0	31.4	47.0



#52
 1,1,2-Trichloroethane
 Concen: 0.331 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051453.D
 Acq: 19 Oct 2022 12:53

Tgt Ion:	97	Resp:	4272
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.6	105.8
85	62.9	47.0	70.4
99	57.2	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.293 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

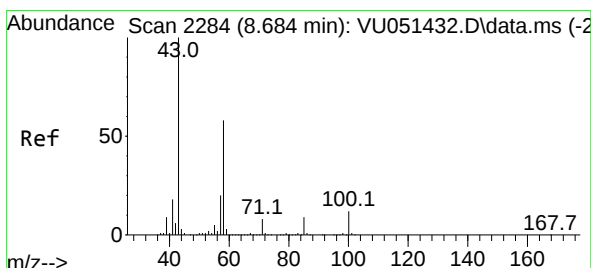
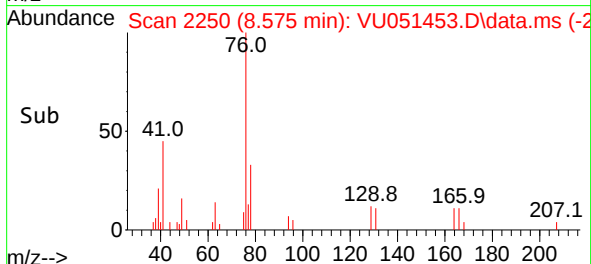
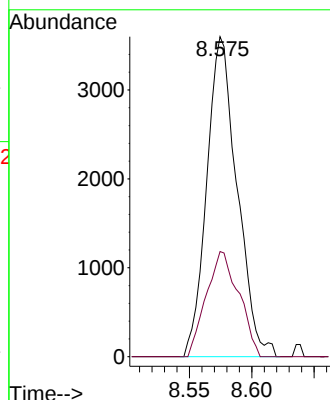
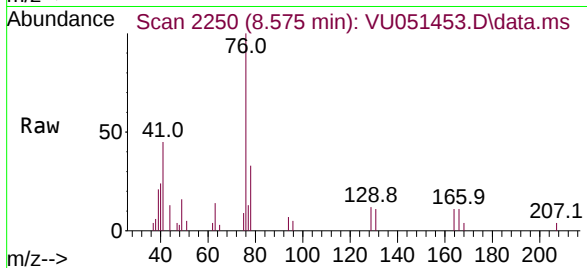
MDL-WATER-03-QT4-2022

Tgt Ion: 76 Resp: 6094

Ion Ratio Lower Upper

76 100

78 35.2 26.4 39.6



#54

2-Hexanone

Concen: 1.331 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

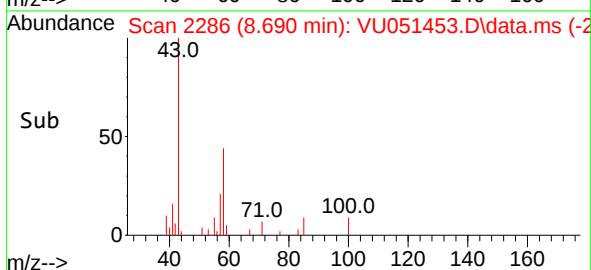
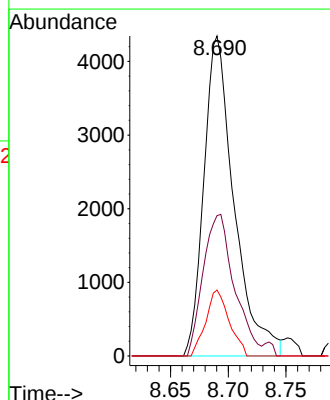
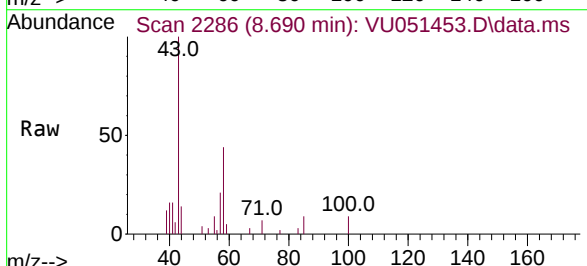
Tgt Ion: 43 Resp: 7885

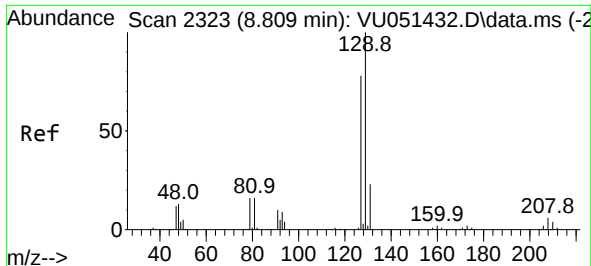
Ion Ratio Lower Upper

43 100

58 45.7 38.0 78.0

57 16.0 0.0 39.9

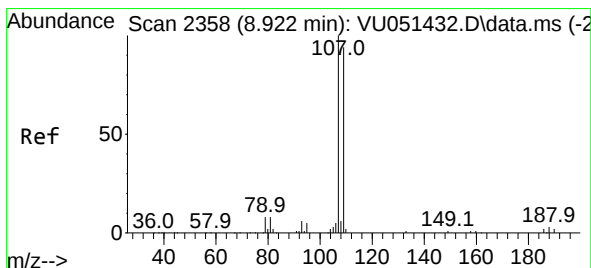
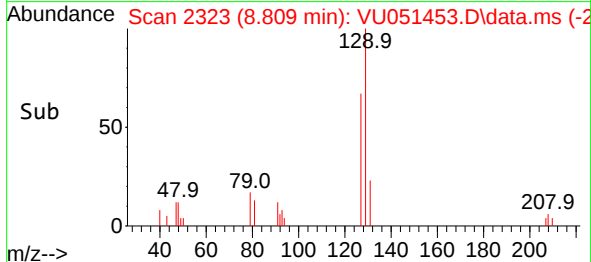
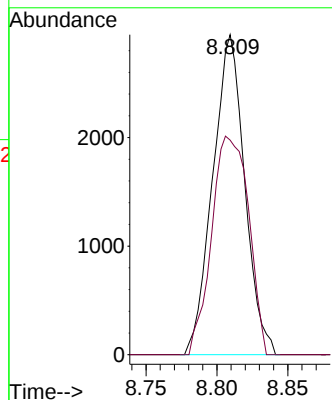
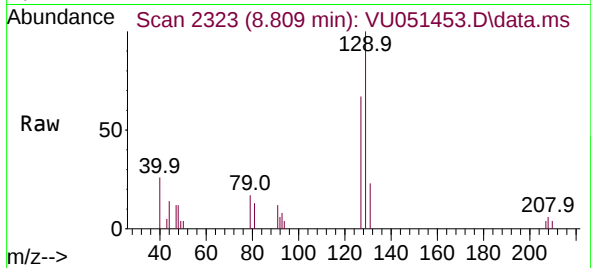




#55
Dibromochloromethane
Concen: 0.329 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

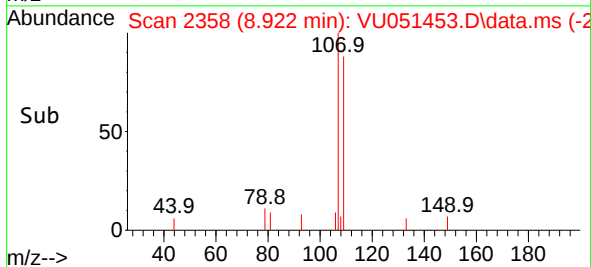
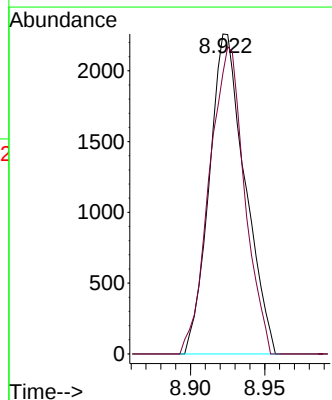
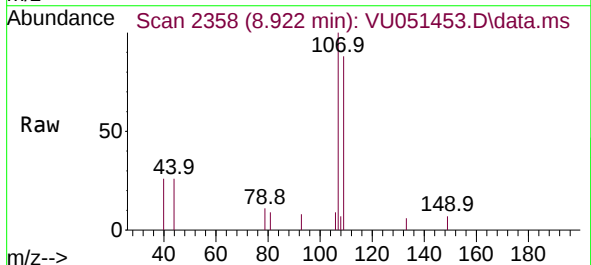
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

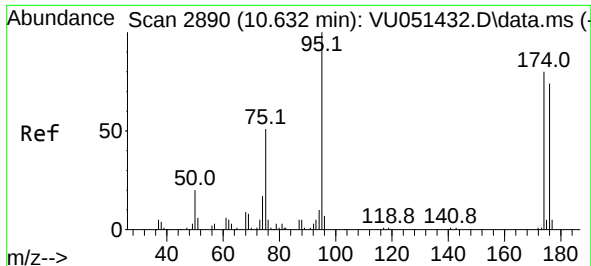
Tgt Ion:129 Resp: 4621
Ion Ratio Lower Upper
129 100
127 79.0 62.1 93.1



#56
1,2-Dibromoethane
Concen: 0.333 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion:107 Resp: 3783
Ion Ratio Lower Upper
107 100
109 94.2 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 0.792 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

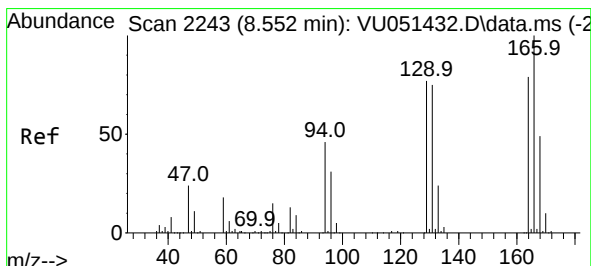
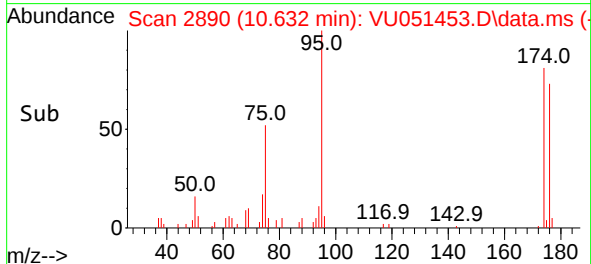
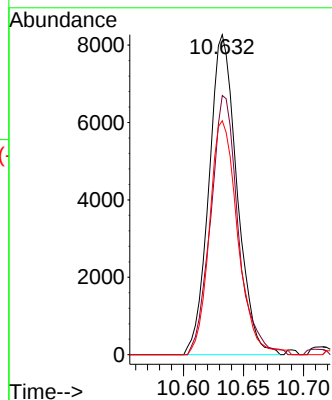
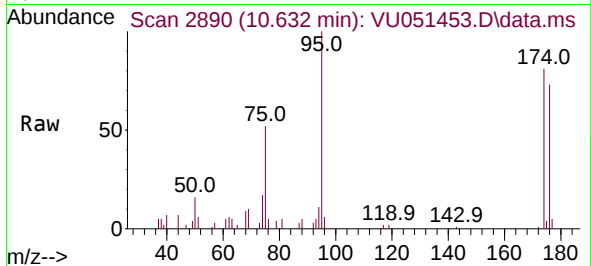
Tgt Ion: 95 Resp: 13436

Ion Ratio Lower Upper

95 100

174 79.4 63.0 94.6

176 73.7 59.8 89.6



#58

Tetrachloroethene

Concen: 0.318 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Tgt Ion: 164 Resp: 4136

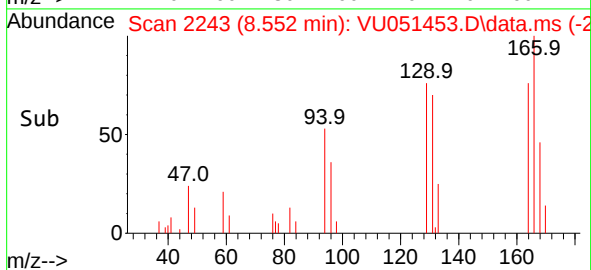
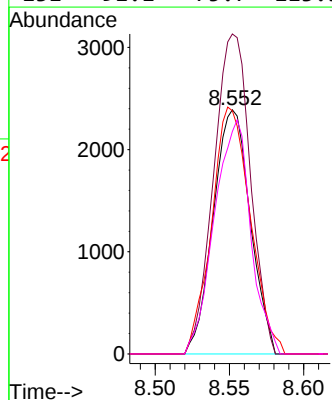
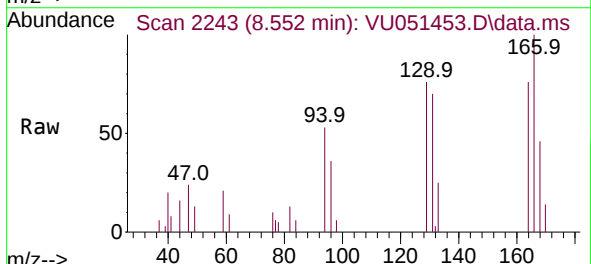
Ion Ratio Lower Upper

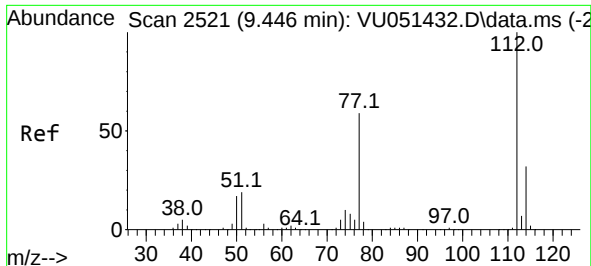
164 100

166 131.0 100.9 151.3

129 99.6 77.5 116.3

131 91.1 75.7 113.5





#59

Chlorobenzene

Concen: 0.301 ug/l

RT: 9.446 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

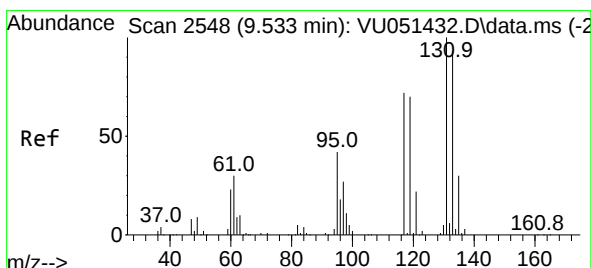
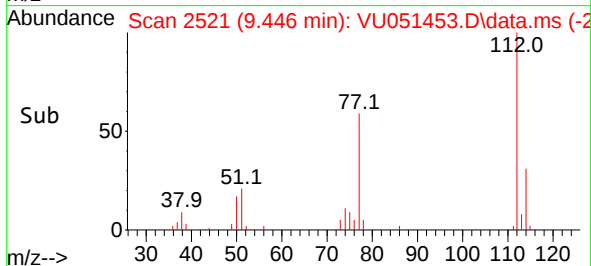
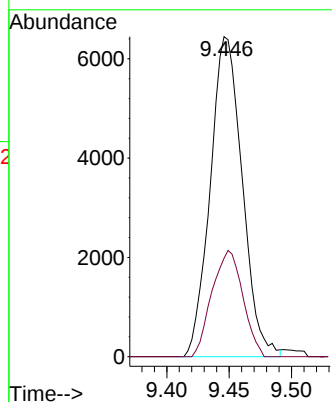
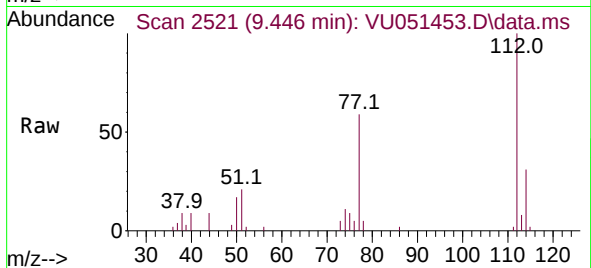
MDL-WATER-03-QT4-2022

Tgt Ion:112 Resp: 11520

Ion Ratio Lower Upper

112 100

114 30.7 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.362 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. -0.000 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

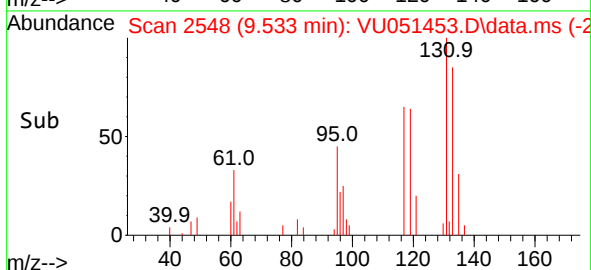
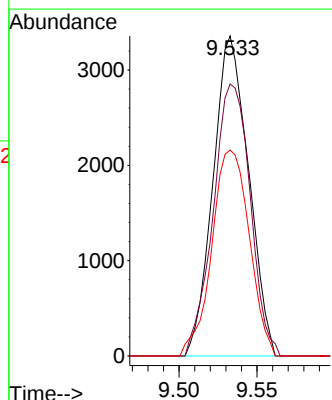
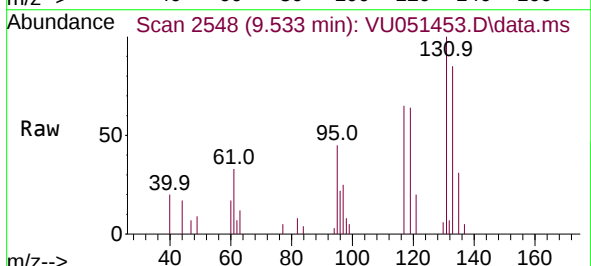
Tgt Ion:131 Resp: 5311

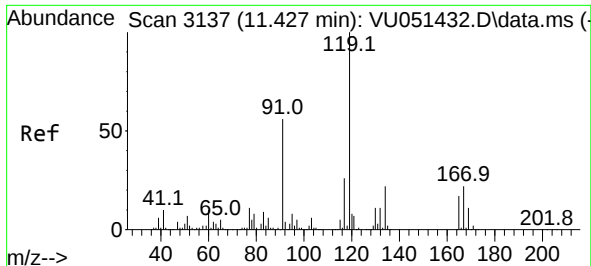
Ion Ratio Lower Upper

131 100

133 88.7 76.5 114.7

119 68.0 56.5 84.7

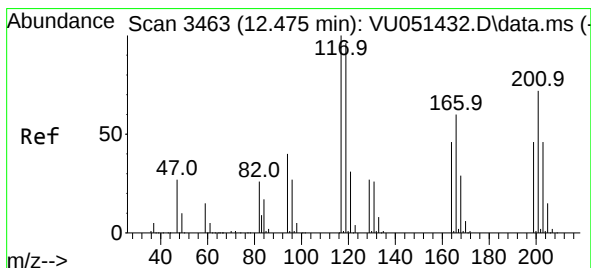
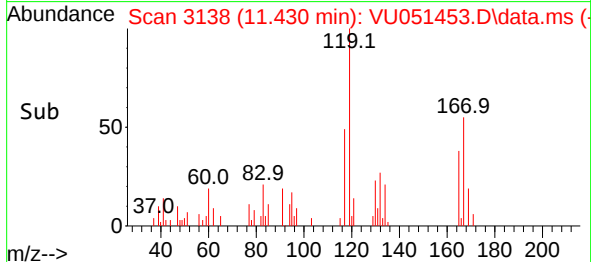
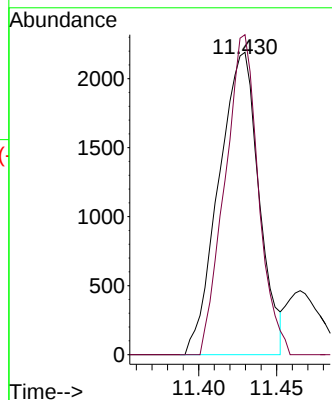
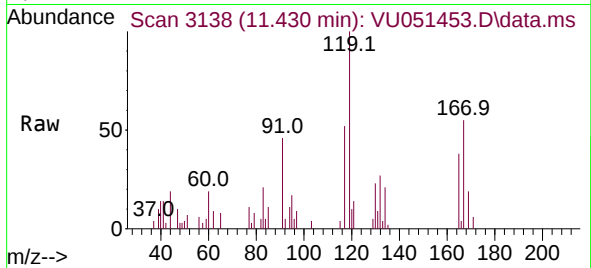




#61
 Pentachloroethane
 Concen: 0.302 ug/l
 RT: 11.430 min Scan# 3137
 Delta R.T. 0.003 min
 Lab File: VU051453.D
 Acq: 19 Oct 2022 12:53

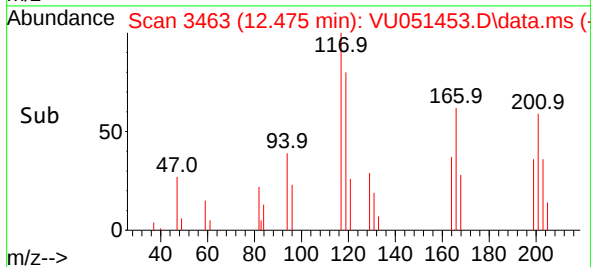
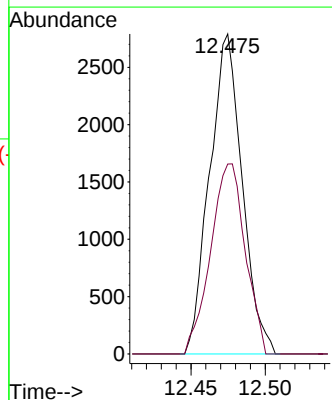
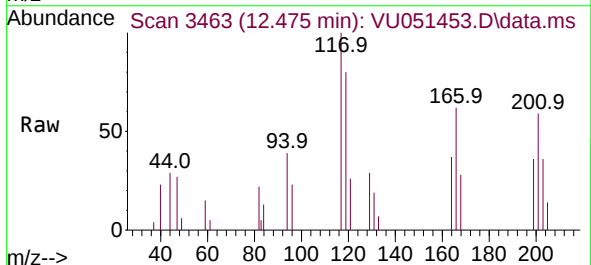
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2022

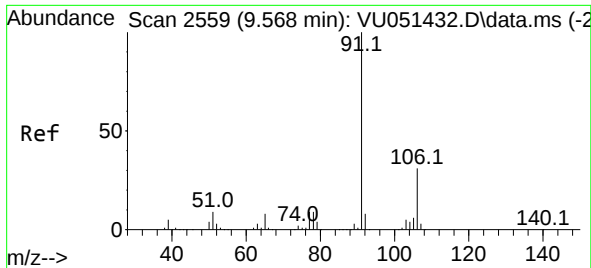
Tgt Ion:117 Resp: 3945
 Ion Ratio Lower Upper
 117 100
 167 87.9 63.3 94.9



#62
 Hexachloroethane
 Concen: 0.343 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.000 min
 Lab File: VU051453.D
 Acq: 19 Oct 2022 12:53

Tgt Ion:117 Resp: 4255
 Ion Ratio Lower Upper
 117 100
 201 63.1 57.4 86.2

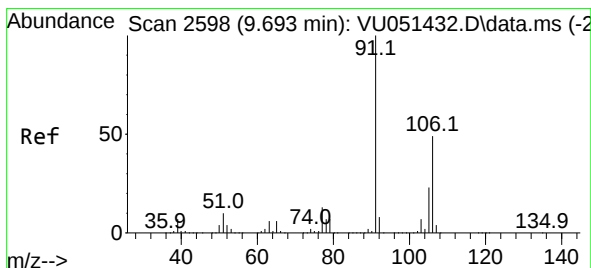
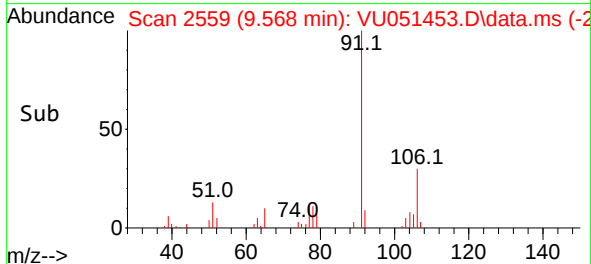
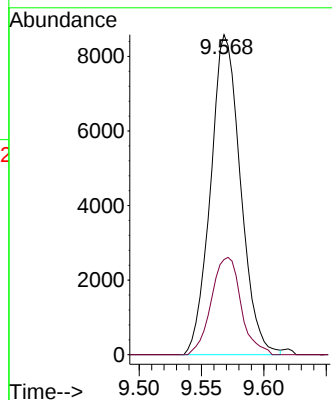
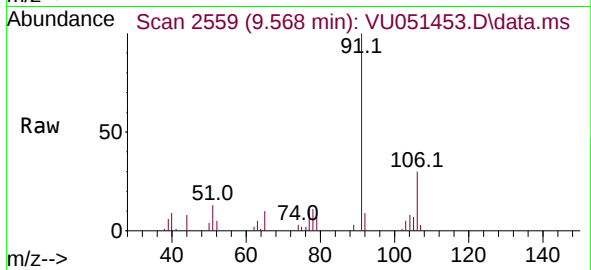




#63
Ethyl Benzene
Concen: 0.247 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

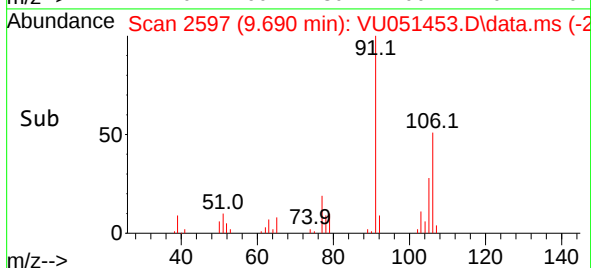
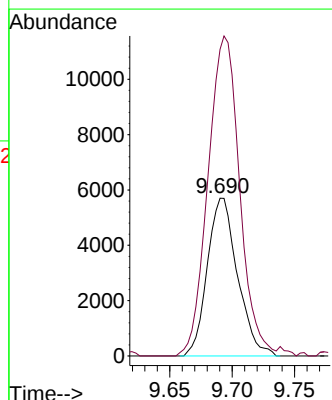
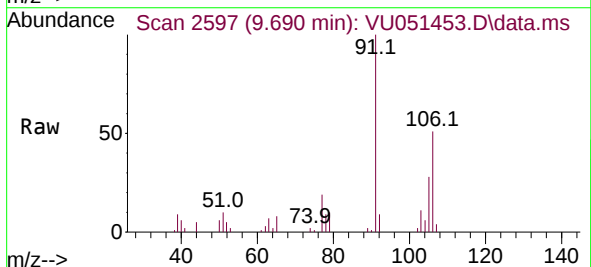
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

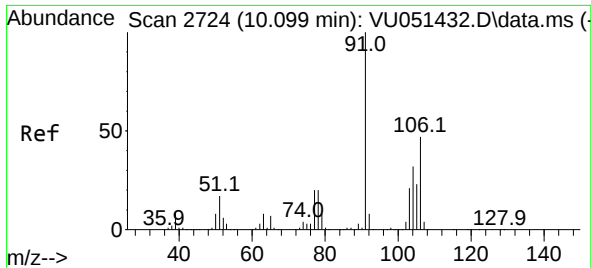
Tgt Ion: 91 Resp: 14347
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3



#64
m/p-Xylenes
Concen: 0.416 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 106 Resp: 9616
Ion Ratio Lower Upper
106 100
91 212.5 163.2 244.8

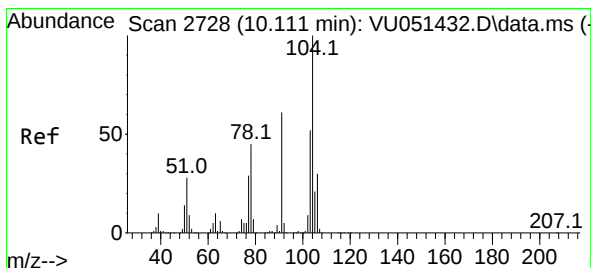
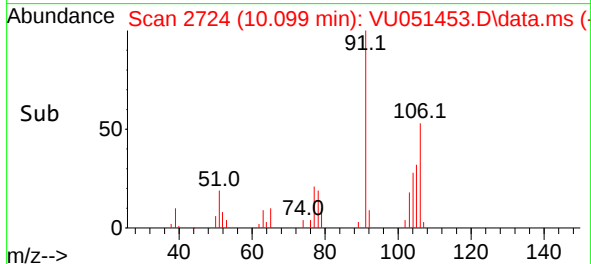
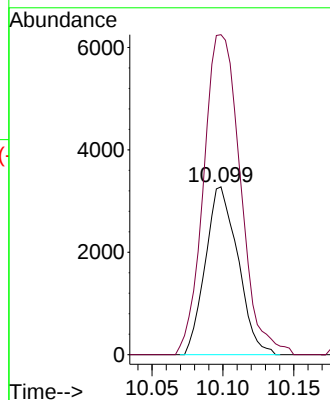
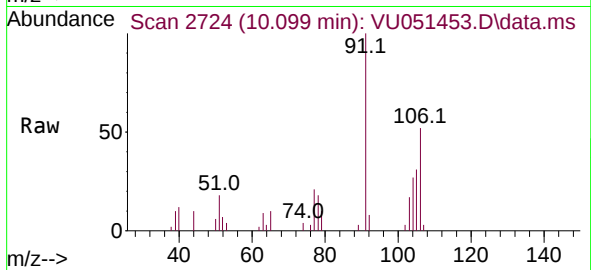




#65
o-Xylene
Concen: 0.232 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

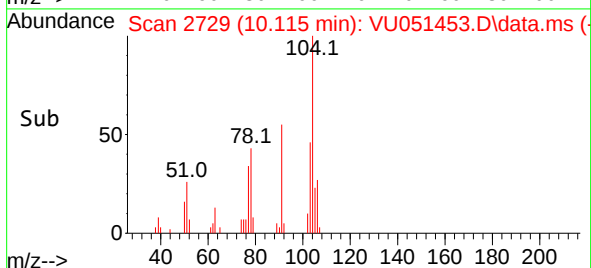
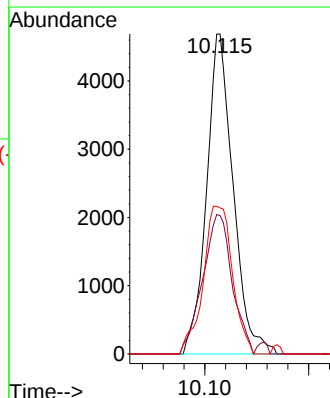
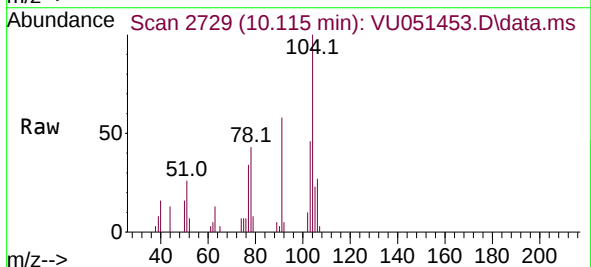
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

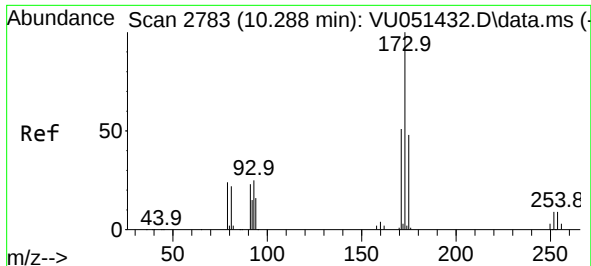
Tgt Ion:106 Resp: 5229
Ion Ratio Lower Upper
106 100
91 216.1 107.1 321.3



#66
Styrene
Concen: 0.223 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion:104 Resp: 8308
Ion Ratio Lower Upper
104 100
78 48.5 39.7 59.5
103 50.8 44.4 66.6

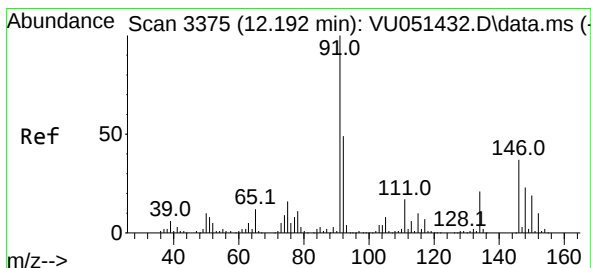
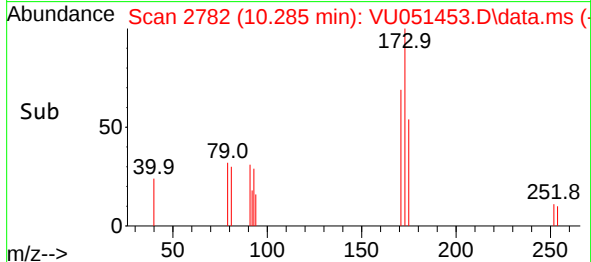
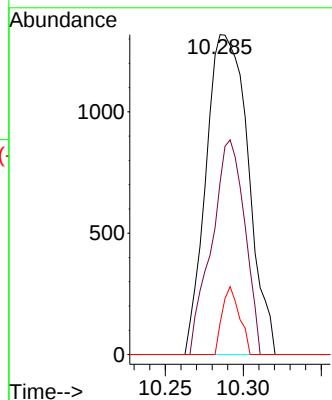
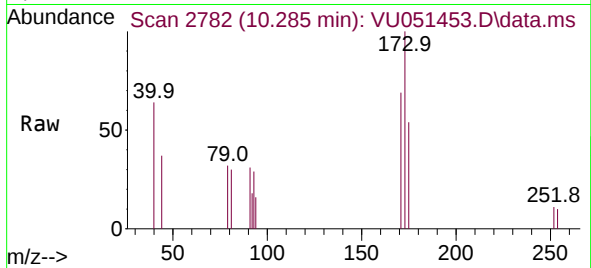




#67
Bromoform
Concen: 0.313 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

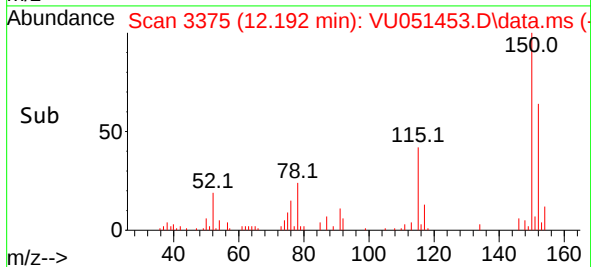
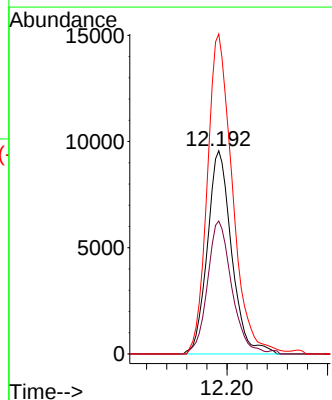
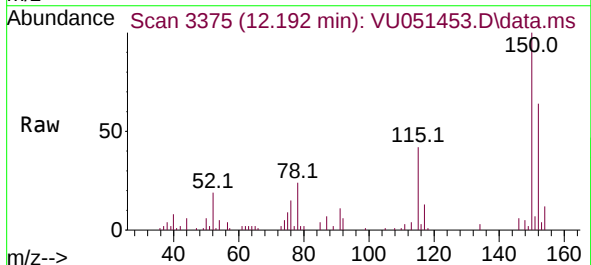
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

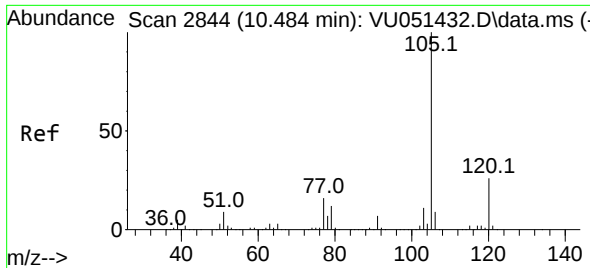
Tgt Ion:173 Resp: 2472
Ion Ratio Lower Upper
173 100
175 52.5 38.6 58.0
254 8.7 7.3 10.9



#68
1,2-Dichlorobenzene-d4
Concen: 0.844 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion:152 Resp: 15993
Ion Ratio Lower Upper
152 100
115 65.4 0.0 333.0
150 163.5 0.0 662.0

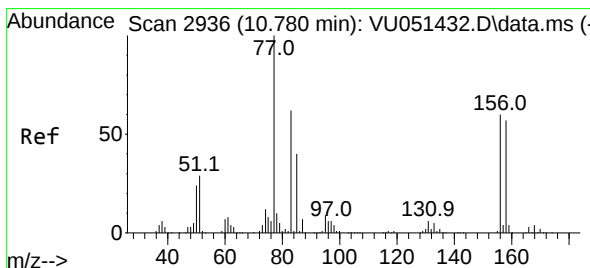
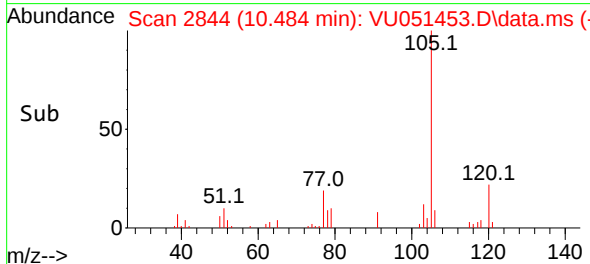
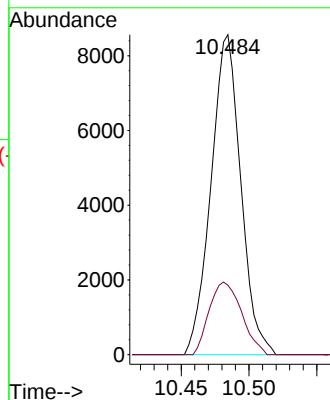
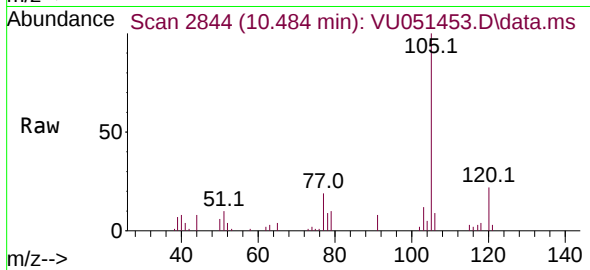




#69
Isopropylbenzene
Concen: 0.236 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

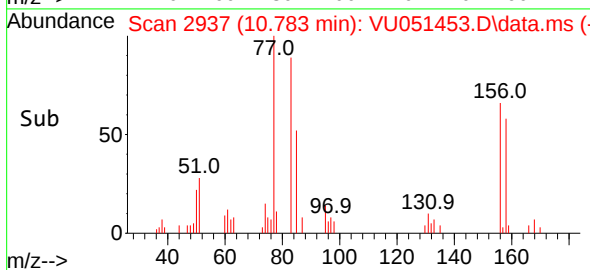
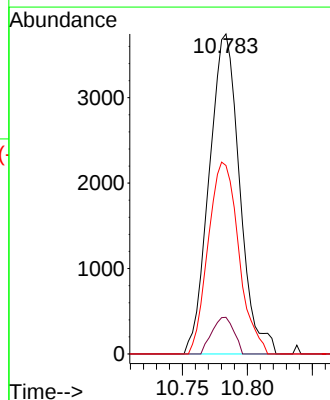
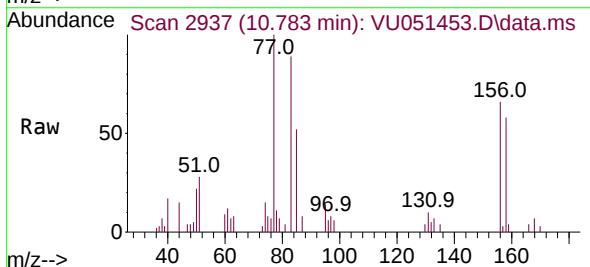
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

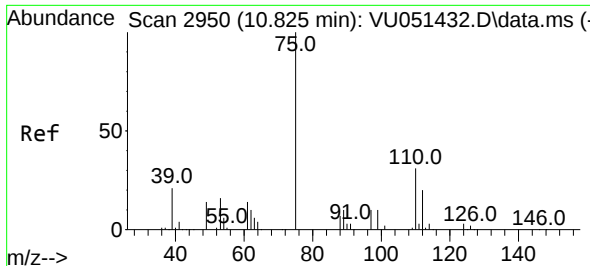
Tgt Ion:105 Resp: 13079
Ion Ratio Lower Upper
105 100
120 24.7 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 0.350 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 83 Resp: 6109
Ion Ratio Lower Upper
83 100
131 8.2 7.2 10.8
85 60.1 51.4 77.2

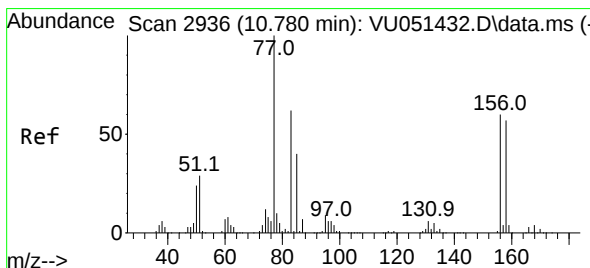
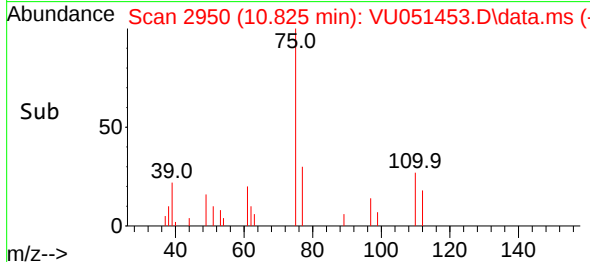
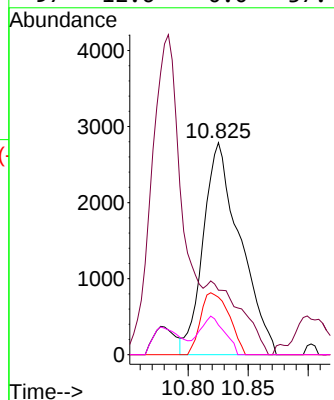
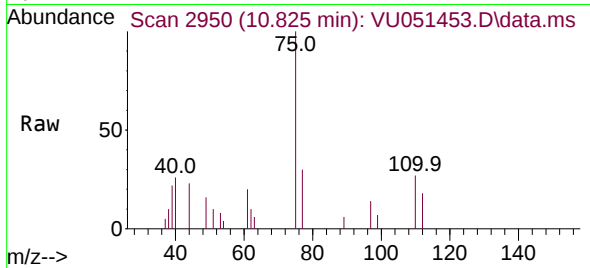




#71
1,2,3-Trichloropropane
Concen: 0.459 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

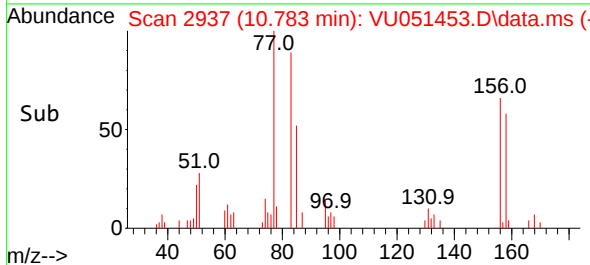
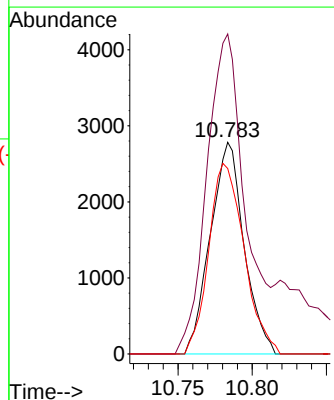
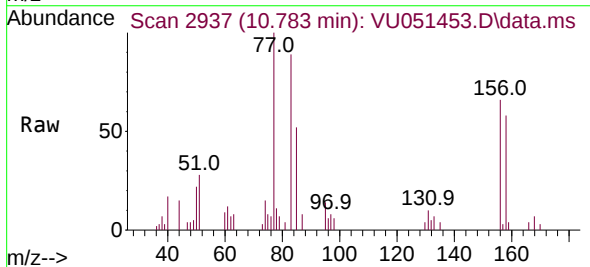
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

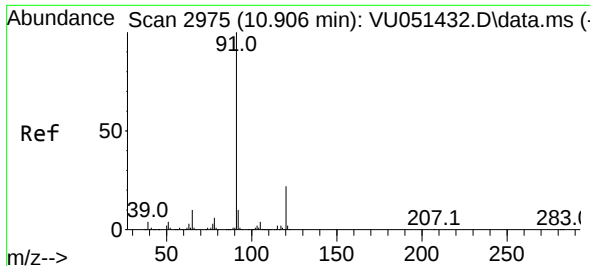
Tgt Ion:	75	Resp:	5965
Ion	Ratio	Lower	Upper
75	100		
77	16.5	0.0	111.0
110	22.5	0.0	70.2
97	12.6	0.0	37.4



#72
Bromobenzene
Concen: 0.289 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion:	156	Resp:	4391
Ion	Ratio	Lower	Upper
156	100		
77	170.7	0.0	343.4
158	94.2	0.0	195.6

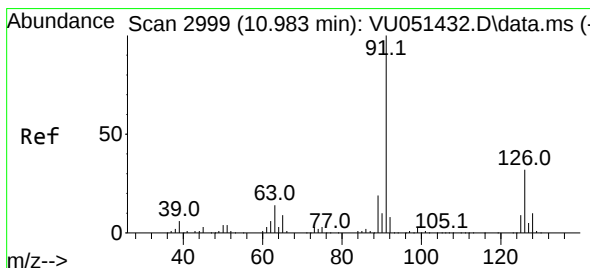
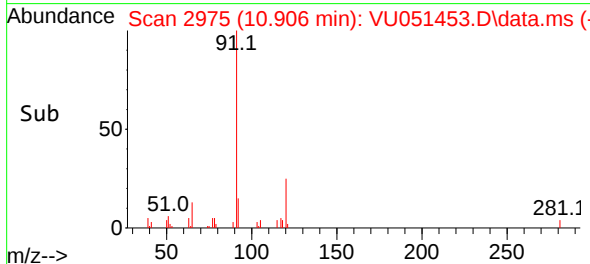
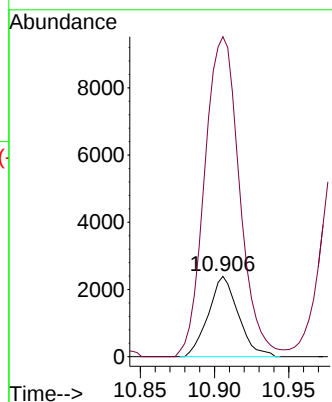
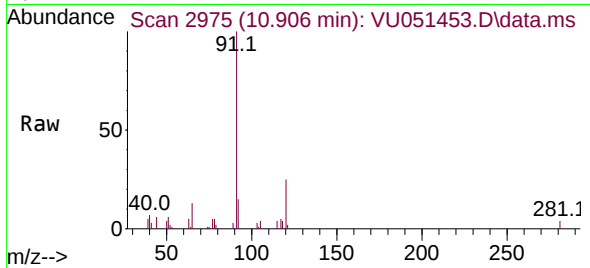




#73
n-propylbenzene
Concen: 0.215 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

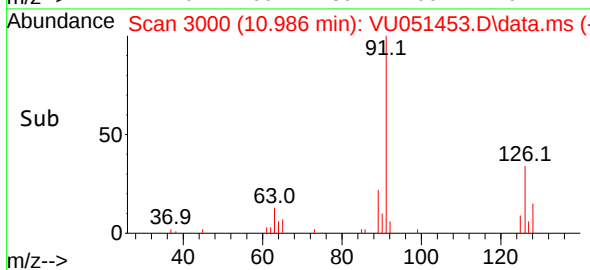
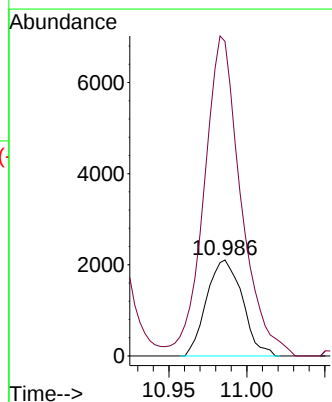
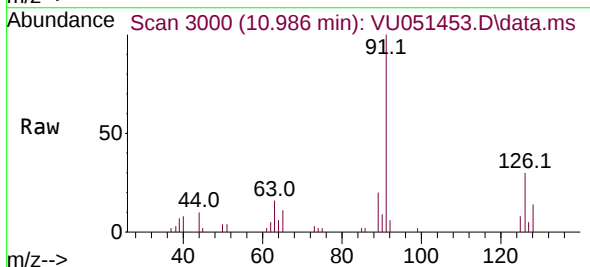
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022

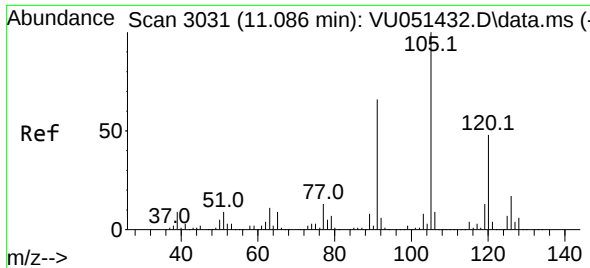
Tgt Ion:120 Resp: 3353
Ion Ratio Lower Upper
120 100
91 465.7 362.3 543.5



#74
2-Chlorotoluene
Concen: 0.227 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion:126 Resp: 3357
Ion Ratio Lower Upper
126 100
91 343.9 0.0 623.2

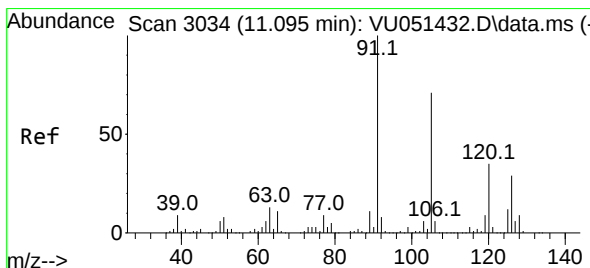
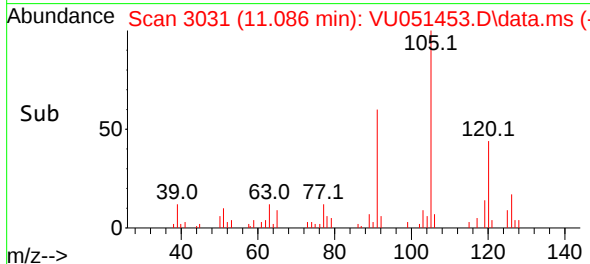
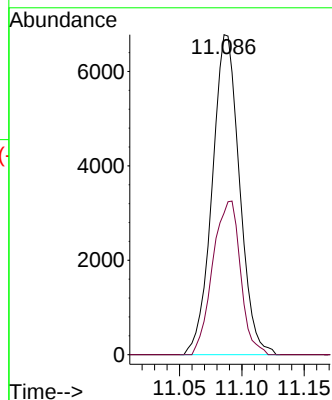
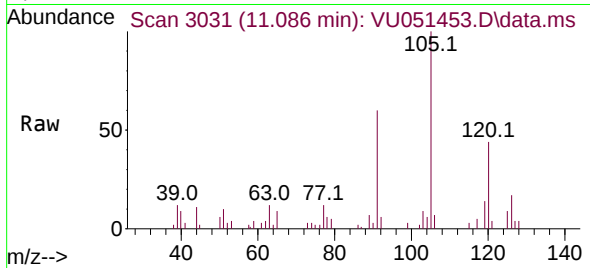




#75
1,3,5-Trimethylbenzene
Concen: 0.206 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

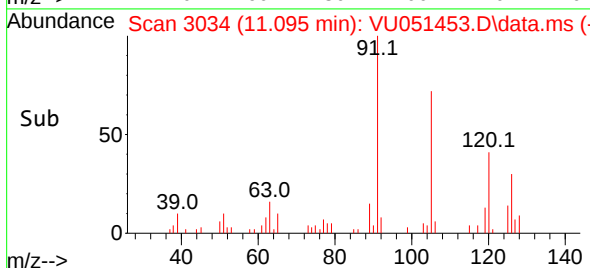
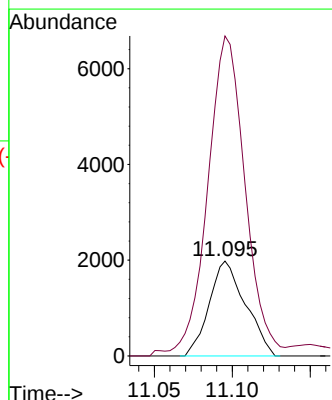
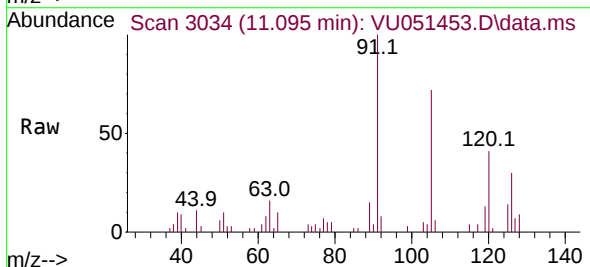
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022

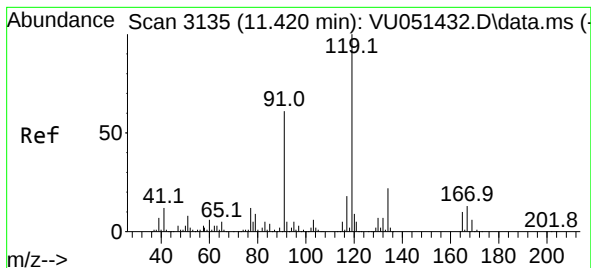
Tgt Ion:105 Resp: 10335
Ion Ratio Lower Upper
105 100
120 48.7 38.2 57.4



#76
4-Chlorotoluene
Concen: 0.212 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion:126 Resp: 3206
Ion Ratio Lower Upper
126 100
91 349.2 0.0 717.6





#77

tert-Butylbenzene

Concen: 0.229 ug/l

RT: 11.417 min Scan# 3135

Delta R.T. -0.003 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

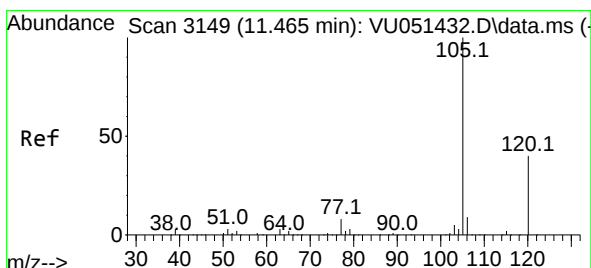
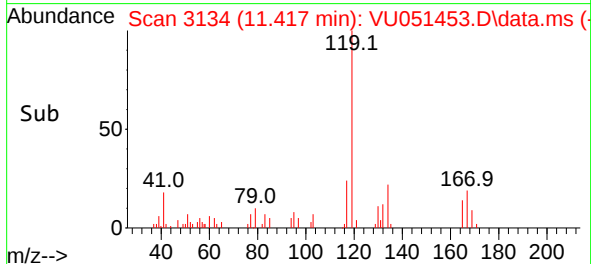
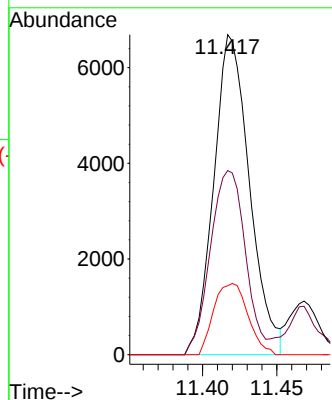
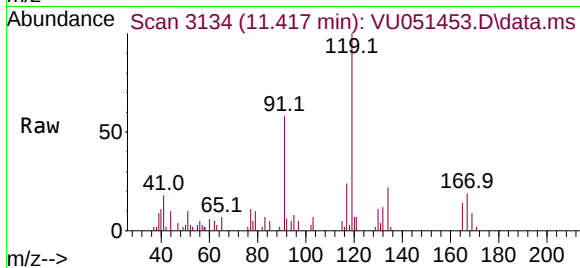
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:	119	Resp:	11210
Ion	Ratio	Lower	Upper
119	100		
91	56.8	29.8	89.5
134	21.2	17.9	26.9



#78

1,2,4-Trimethylbenzene

Concen: 0.199 ug/l

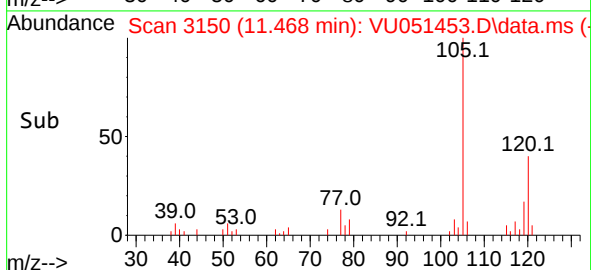
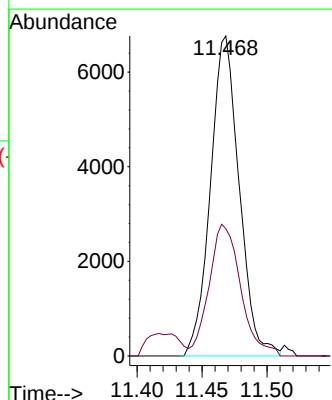
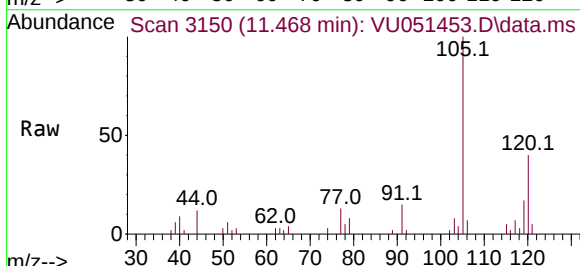
RT: 11.468 min Scan# 3150

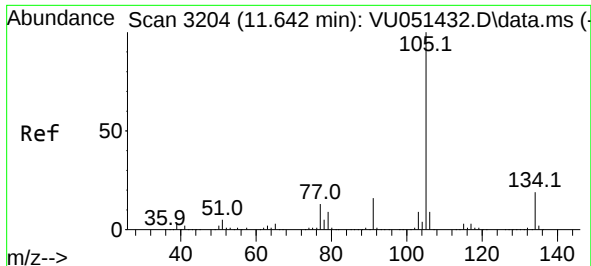
Delta R.T. 0.003 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Tgt Ion:	105	Resp:	10423
Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.1	66.3





#79

sec-Butylbenzene

Concen: 0.221 ug/l

RT: 11.642 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

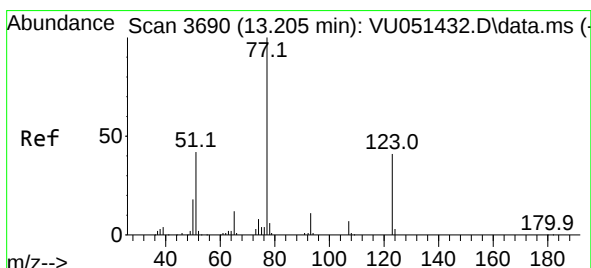
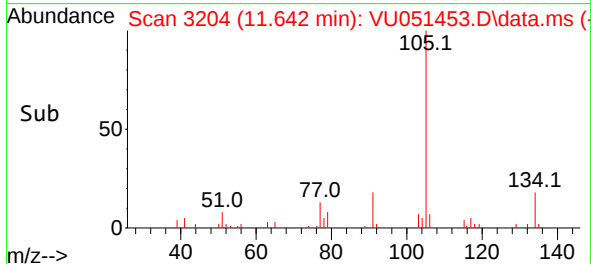
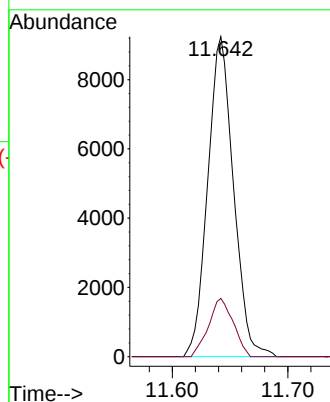
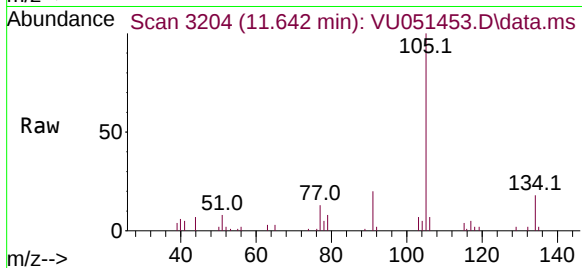
MDL-WATER-03-QT4-2022

Tgt Ion:105 Resp: 14318

Ion Ratio Lower Upper

105 100

134 17.4 15.2 22.8



#80

Nitrobenzene

Concen: 1.506 ug/l

RT: 13.217 min Scan# 3694

Delta R.T. 0.013 min

Lab File: VU051453.D

Acq: 19 Oct 2022 12:53

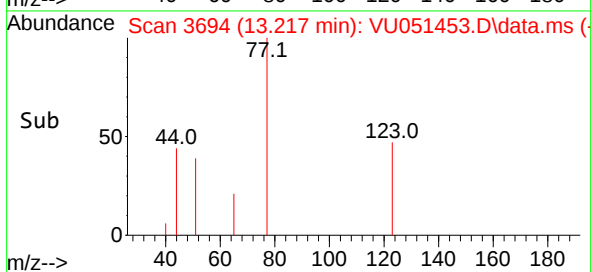
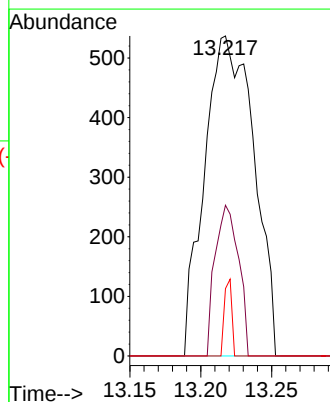
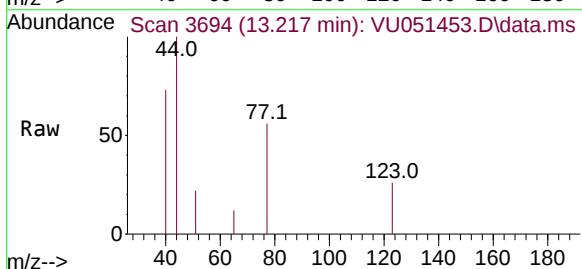
Tgt Ion: 77 Resp: 1303

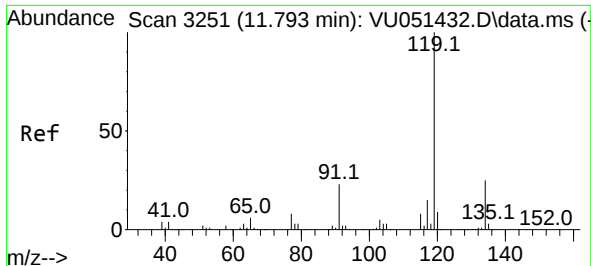
Ion Ratio Lower Upper

77 100

123 22.3 17.5 62.1

65 3.6 11.1 14.1#

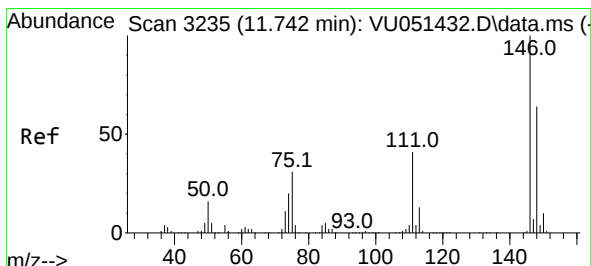
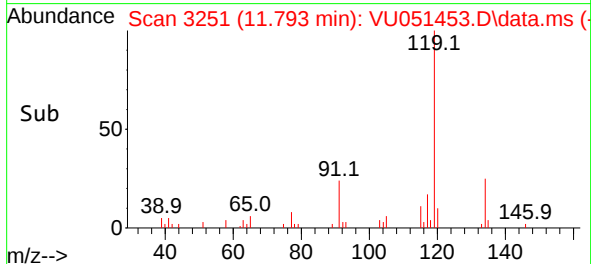
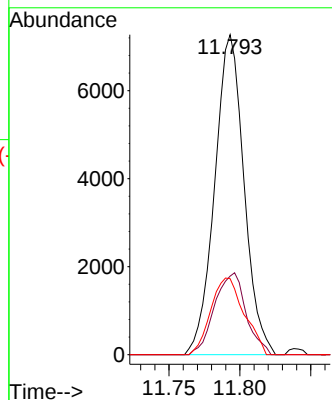
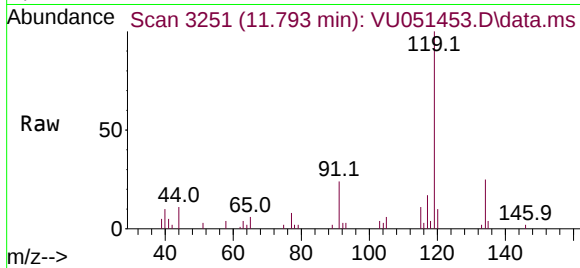




#81
p-Isopropyltoluene
Concen: 0.201 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

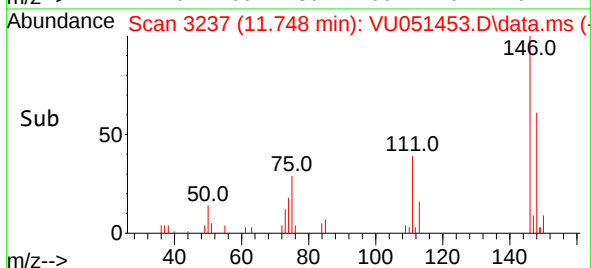
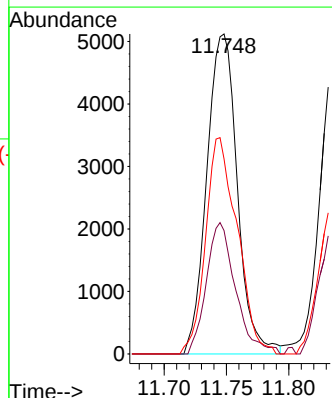
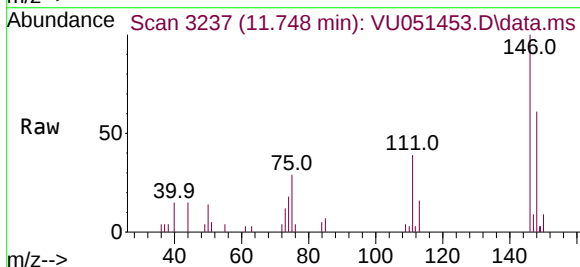
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

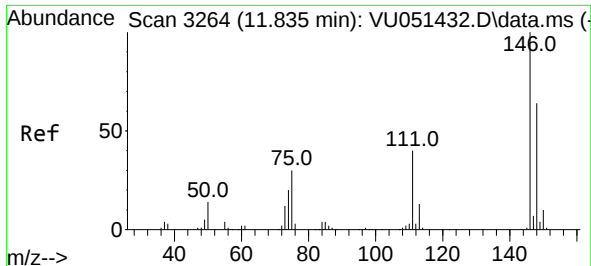
Tgt Ion:	119	Resp:	10464
Ion	Ratio	Lower	Upper
119	100		
134	27.5	20.3	30.5
91	27.3	18.6	27.8



#82
1,3-Dichlorobenzene
Concen: 0.267 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.006 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion:	146	Resp:	8736
Ion	Ratio	Lower	Upper
146	100		
111	39.2	33.4	50.0
148	70.0	51.0	76.6

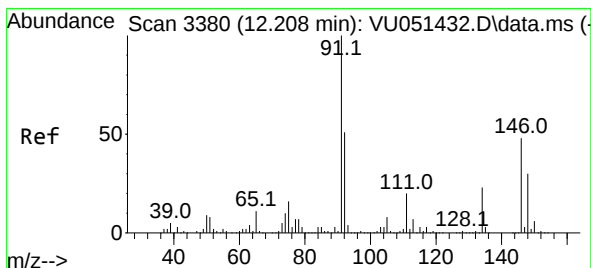
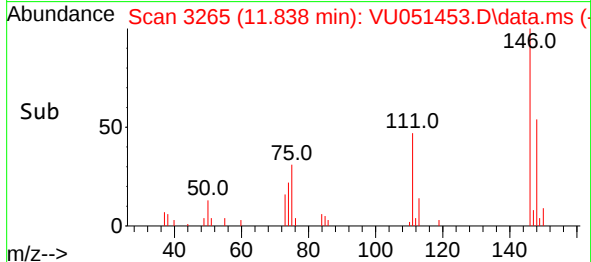
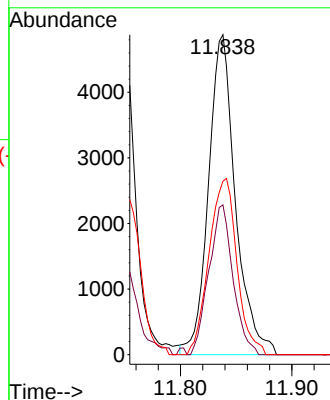
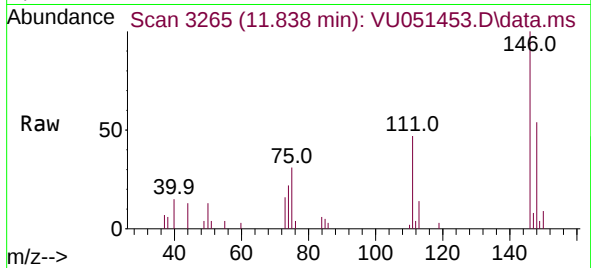




#83
1,4-Dichlorobenzene
Concen: 0.256 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

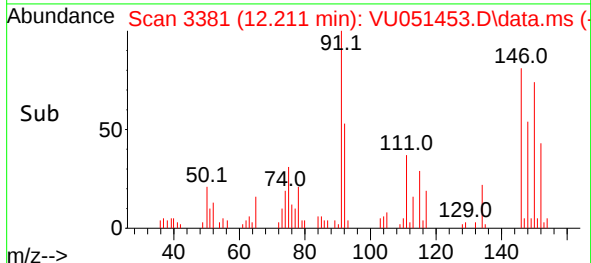
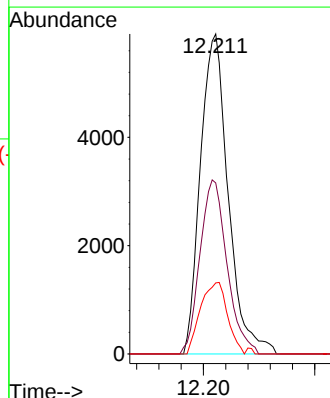
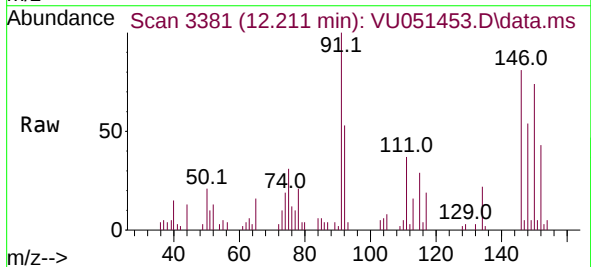
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

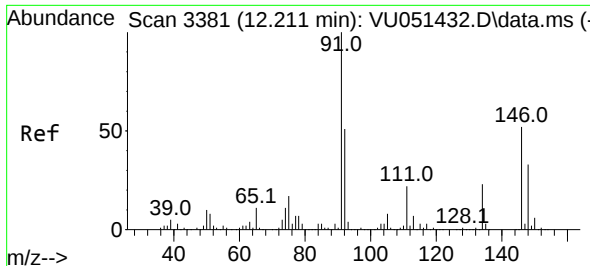
Tgt Ion:146 Resp: 8198
Ion Ratio Lower Upper
146 100
111 42.0 31.6 47.4
148 57.0 50.5 75.7



#84
n-Butylbenzene
Concen: 0.199 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 91 Resp: 10237
Ion Ratio Lower Upper
91 100
92 52.9 40.6 61.0
134 21.6 18.3 27.5

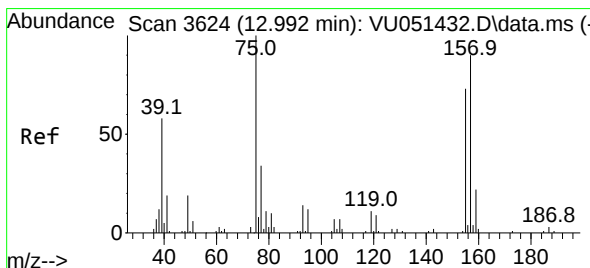
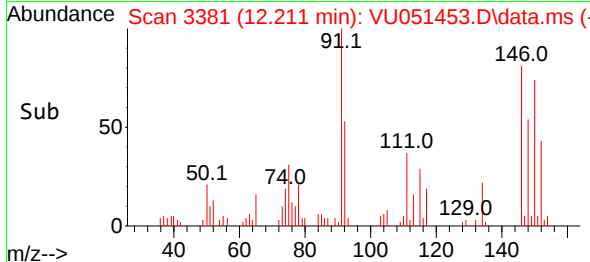
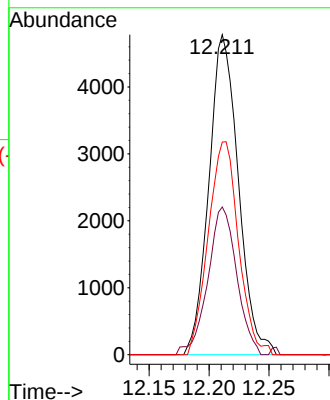
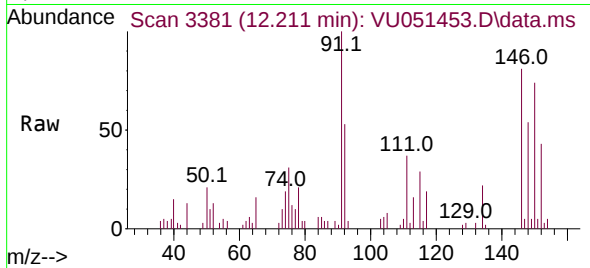




#85
1,2-Dichlorobenzene
Concen: 0.254 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

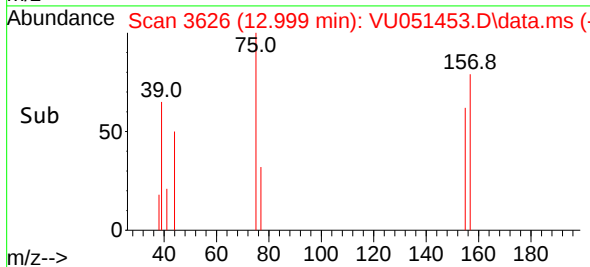
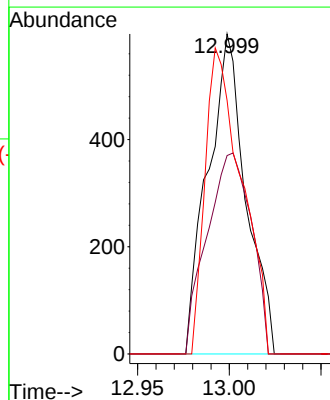
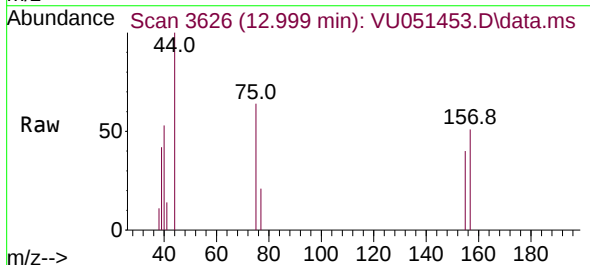
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

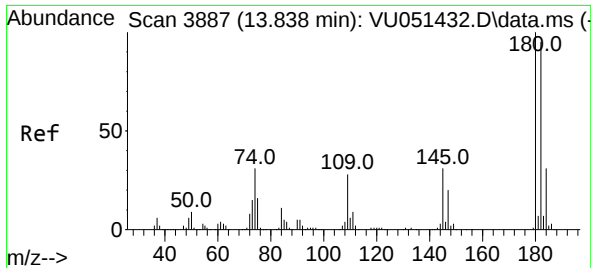
Tgt Ion:146 Resp: 8177
Ion Ratio Lower Upper
146 100
111 45.1 21.3 63.9
148 68.2 31.8 95.4



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.315 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.006 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion: 75 Resp: 861
Ion Ratio Lower Upper
75 100
155 73.4 58.5 87.7
157 91.8 75.3 112.9

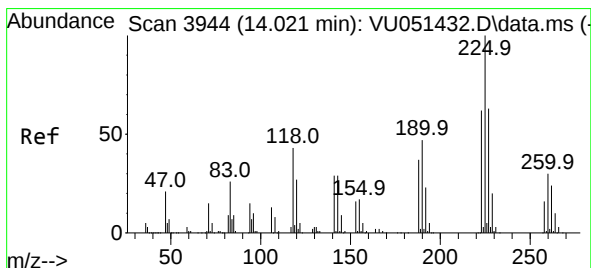
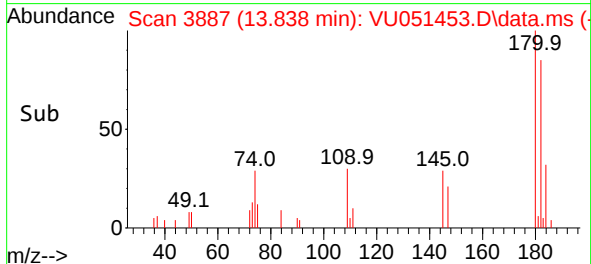
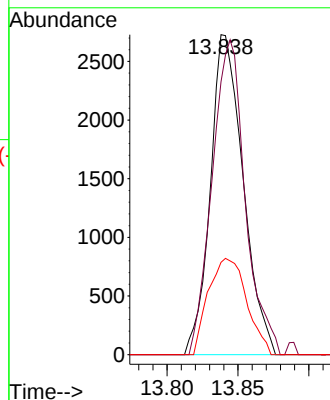
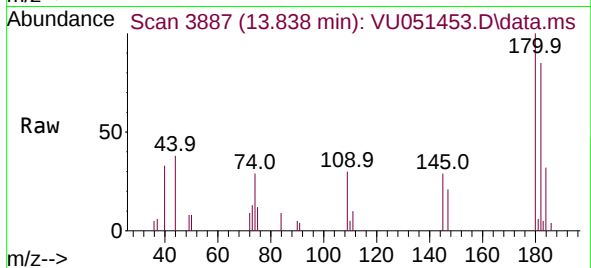




#87
1,2,4-Trichlorobenzene
Concen: 0.251 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

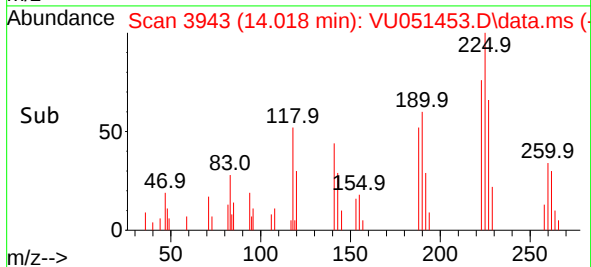
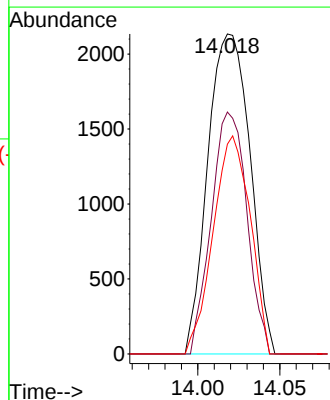
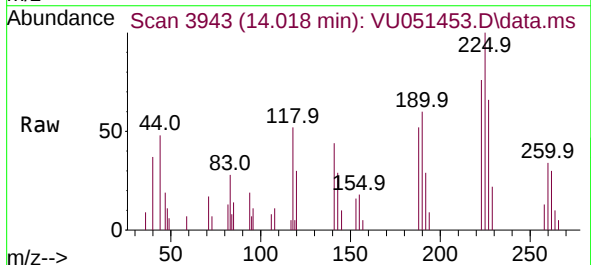
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022

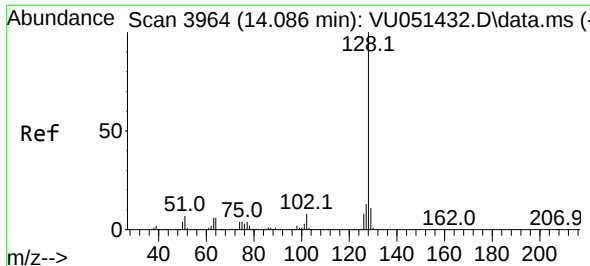
Tgt Ion:180 Resp: 4385
Ion Ratio Lower Upper
180 100
182 99.5 75.9 113.9
145 35.2 24.9 37.3



#88
Hexachlorobutadiene
Concen: 0.335 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion:225 Resp: 3816
Ion Ratio Lower Upper
225 100
223 63.9 50.1 75.1
227 60.0 51.4 77.2

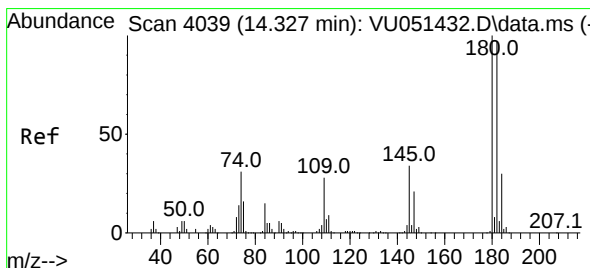
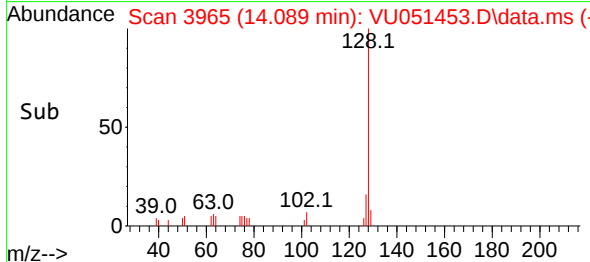
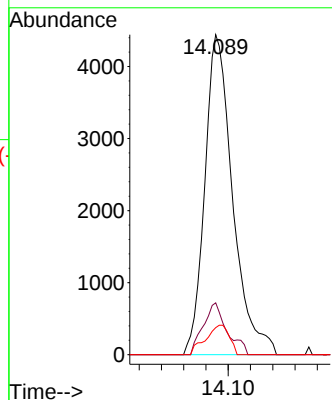
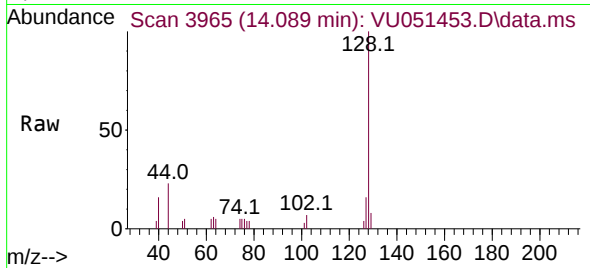




#89
Naphthalene
Concen: 0.211 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:128 Resp: 7718
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 7.8 8.4 12.6#



#90
1,2,3-Trichlorobenzene
Concen: 0.222 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU051453.D
Acq: 19 Oct 2022 12:53

Tgt Ion:180 Resp: 4240
Ion Ratio Lower Upper
180 100
182 99.3 75.8 113.6
145 32.2 26.6 39.8

