

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070822\
 Data File : VU049659.D
 Acq On : 08 Jul 2022 16:37
 Operator : SY/MD
 Sample : N3214-09 0.25ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 09 04:55:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Jul 09 04:54:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	34407	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	11417	0.906	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	11888	1.025	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	3496	0.265	ug/l	96
3) Chloromethane	1.530	50	3630	0.269	ug/l	99
4) Vinyl Chloride	1.604	62	3326	0.271	ug/l	94
5) Bromomethane	1.858	94	2351	0.367	ug/l	98
6) Chloroethane	1.932	64	1628	0.237	ug/l	# 86
7) Trichlorofluoromethane	2.137	101	4045	0.275	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	1962	0.254	ug/l	98
9) 1,1-Dichloroethene	2.581	96	1844	0.236	ug/l	84
10) Iodomethane	2.719	142	1184	0.120	ug/l	96
11) Allyl Chloride	2.922	41	3558	0.267	ug/l	# 81
12) Acrylonitrile	3.321	53	891	0.427	ug/l	# 77
13) Acetone	2.636	43	3084	1.874	ug/l	92
14) Carbon Disulfide	2.790	76	7308	0.285	ug/l	100
15) Methylene Chloride	3.044	84	10132	1.037	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	2132	0.260	ug/l	97
17) 1,1-Dichloroethane	3.864	63	4454	0.263	ug/l	# 93
18) 2-Butanone	4.732	43	3785	1.349	ug/l	75
19) Cyclohexane	5.385	56	3124	0.193	ug/l	# 86
20) Methylcyclohexane	6.764	83	3102	0.194	ug/l	93
21) 2,2-Dichloropropane	4.665	77	3368	0.243	ug/l	# 74
22) cis-1,2-Dichloroethene	4.671	96	2245	0.222	ug/l	# 56
23) Diethyl Ether	2.375	59	1618	0.243	ug/l	# 78
24) tert-Butyl Alcohol	3.199	59	1052	1.387	ug/l	# 73
25) Methyl tert-Butyl Ether	3.372	73	5778	0.265	ug/l	# 77
26) Bromochloromethane	4.973	128	1103	0.259	ug/l	92
27) Chloroform	5.096	83	4217	0.253	ug/l	99
28) 1,1,1-Trichloroethane	5.317	97	3867	0.263	ug/l	96
29) 1,1-Dichloropropene	5.526	75	2808	0.214	ug/l	# 91
30) Carbon Tetrachloride	5.520	117	3306	0.267	ug/l	97
31) Isopropyl Ether	3.999	45	7136	0.246	ug/l	67
32) Ethyl-t-butyl ether	4.510	59	6013	0.219	ug/l	97
33) Tert-Amyl methyl ether	5.941	73	2876	0.120	ug/l	# 74
34) Propionitrile	4.806	54	435	0.541	ug/l	# 57
35) Benzene	5.780	78	8757	0.234	ug/l	93
36) 1,2-Dichloroethane	5.800	62	2770	0.260	ug/l	# 77
37) Trichloroethene	6.542	130	2076	0.220	ug/l	# 78
38) 1,2-Dichloropropane	6.793	63	2470	0.249	ug/l	96
39) Methacrylonitrile	4.989	41	317	0.092	ug/l	# 52
40) Methyl acrylate	4.861	55	931	0.172	ug/l	# 72
41) Tetrahydrofuran	5.070	42	1136	0.558	ug/l	# 72
42) 1-Chlorobutane	5.462	56	4259	0.231	ug/l	97
43) Dibromomethane	6.919	93	1086	0.220	ug/l	96
44) Bromodichloromethane	7.105	83	2783	0.235	ug/l	87

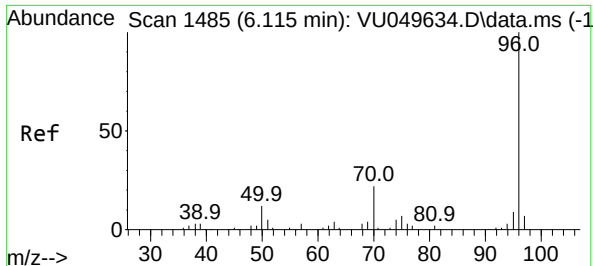
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070822\
 Data File : VU049659.D
 Acq On : 08 Jul 2022 16:37
 Operator : SY/MD
 Sample : N3214-09 0.25ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 09 04:55:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Jul 09 04:54:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	8104	1.210	ug/l	94
46) t-1,4-Dichloro-2-butene	10.828	75	2558	1.174	ug/l #	47
47) Methyl methacrylate	6.970	69	2307	0.464	ug/l #	95
48) Ethyl methacrylate	8.340	69	1984	0.199	ug/l	93
49) Toluene	7.970	92	4604	0.202	ug/l	91
50) t-1,3-Dichloropropene	8.214	75	2570	0.225	ug/l	97
51) cis-1,3-Dichloropropene	7.613	75	2960	0.219	ug/l #	87
52) 1,1,2-Trichloroethane	8.407	97	1696	0.249	ug/l	92
53) 1,3-Dichloropropane	8.581	76	3086	0.252	ug/l	94
54) 2-Hexanone	8.690	43	5677	1.220	ug/l	88
55) Dibromochloromethane	8.809	129	2054	0.264	ug/l	87
56) 1,2-Dibromoethane	8.925	107	1592	0.241	ug/l	96
58) Tetrachloroethene	8.555	164	2217	0.282	ug/l #	87
59) Chlorobenzene	9.449	112	5907	0.247	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.539	131	2180	0.256	ug/l	93
61) Pentachloroethane	11.430	117	1868	0.286	ug/l #	43
62) Hexachloroethane	12.481	117	1626	0.249	ug/l	84
63) Ethyl Benzene	9.574	91	8783	0.204	ug/l	96
64) m/p-Xylenes	9.697	106	6618	0.416	ug/l	99
65) o-Xylene	10.102	106	3083	0.197	ug/l	95
66) Styrene	10.118	104	4854	0.193	ug/l	94
67) Bromoform	10.291	173	1037	0.234	ug/l #	92
69) Isopropylbenzene	10.484	105	8752	0.210	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	2369	0.268	ug/l #	97
71) 1,2,3-Trichloropropane	10.828	75	2558	0.349	ug/l	71
72) Bromobenzene	10.787	156	2235	0.237	ug/l	88
73) n-propylbenzene	10.906	120	2444	0.232	ug/l	86
74) 2-Chlorotoluene	10.989	126	1875	0.199	ug/l	71
75) 1,3,5-Trimethylbenzene	11.089	105	6259	0.179	ug/l	97
76) 4-Chlorotoluene	11.102	126	2247	0.238	ug/l	88
77) tert-Butylbenzene	11.420	119	7232	0.210	ug/l	98
78) 1,2,4-Trimethylbenzene	11.472	105	6766	0.193	ug/l	97
79) sec-Butylbenzene	11.645	105	9141	0.203	ug/l	97
80) Nitrobenzene	13.214	77	405	1.119	ug/l #	55
81) p-Isopropyltoluene	11.796	119	7318	0.200	ug/l	98
82) 1,3-Dichlorobenzene	11.748	146	5000	0.275	ug/l	92
83) 1,4-Dichlorobenzene	11.841	146	4642	0.253	ug/l	93
84) n-Butylbenzene	12.211	91	7443	0.218	ug/l	95
85) 1,2-Dichlorobenzene	12.214	146	4539	0.257	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.996	75	376	0.244	ug/l #	27
87) 1,2,4-Trichlorobenzene	13.844	180	3522	0.296	ug/l #	95
88) Hexachlorobutadiene	14.021	225	1890	0.312	ug/l	93
89) Naphthalene	14.092	128	8051	0.323	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	3524	0.310	ug/l	96

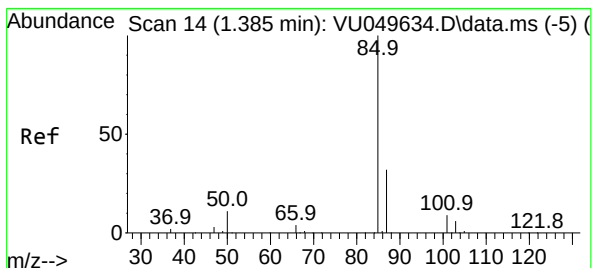
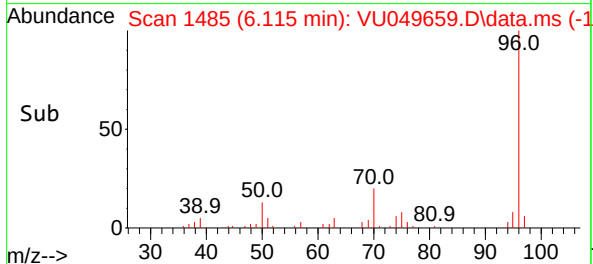
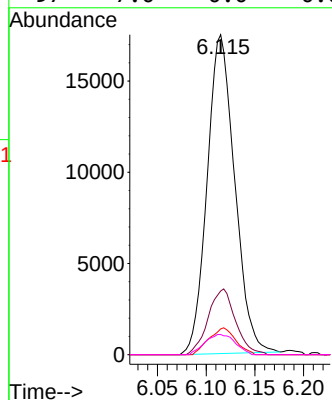
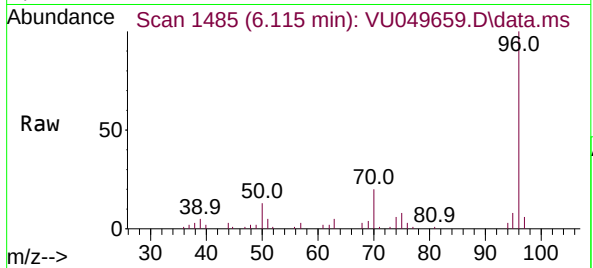
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

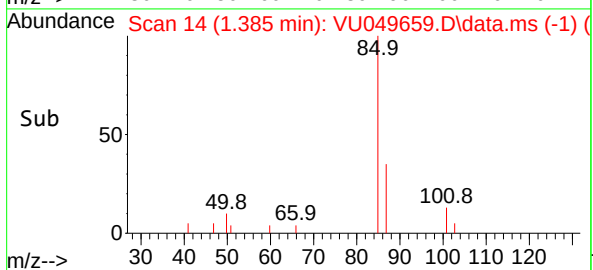
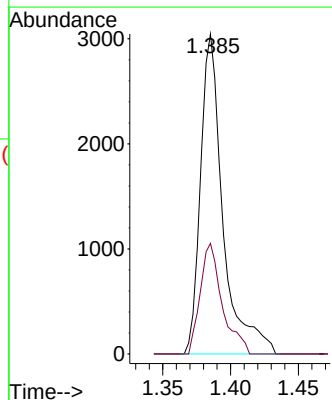
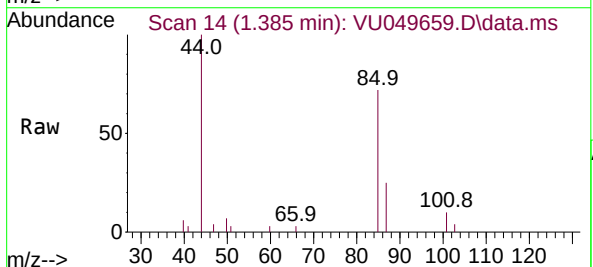
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

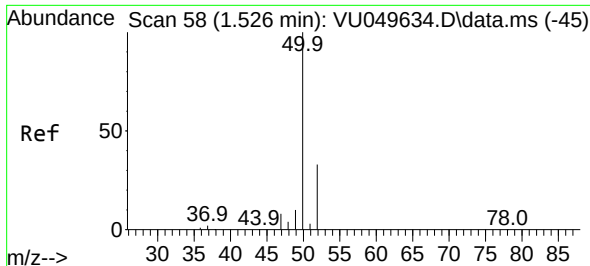
Tgt Ion: 96	Resp: 34407
Ion Ratio	Lower Upper
96 100	
70 20.4	16.7 25.1
95 8.1	7.4 11.0
97 7.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.265 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion: 85	Resp: 3496
Ion Ratio	Lower Upper
85 100	
87 34.5	16.3 48.8

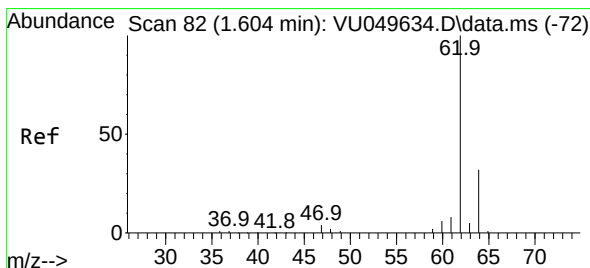
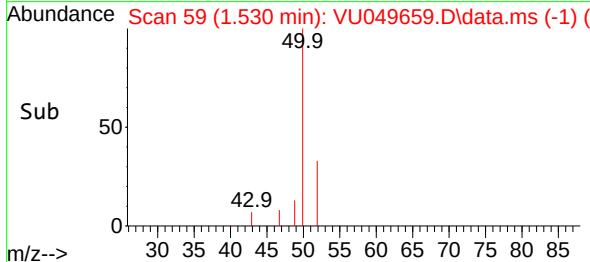
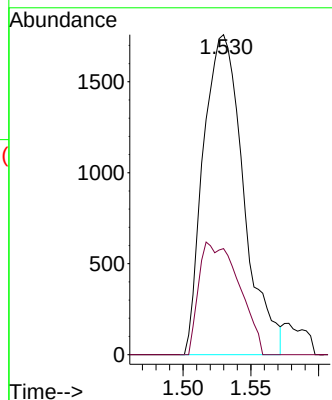
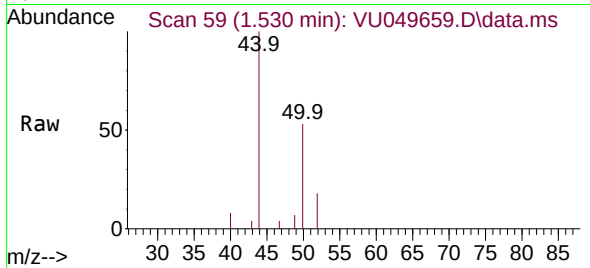




#3
Chloromethane
Concen: 0.269 ug/l
RT: 1.530 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

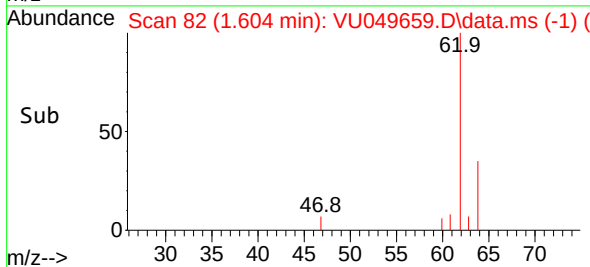
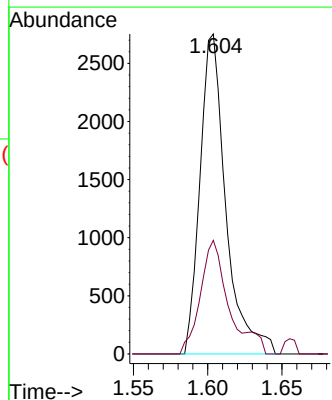
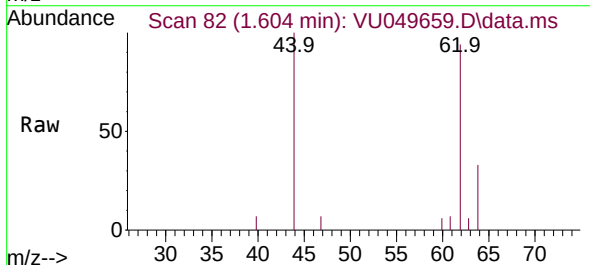
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

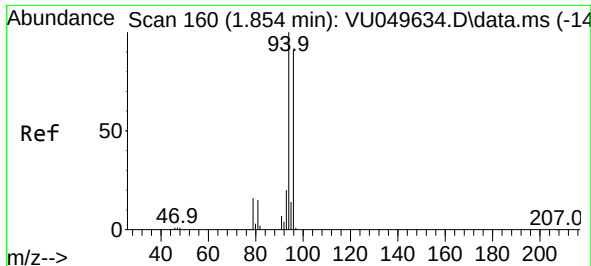
Tgt Ion: 50 Resp: 3630
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1



#4
Vinyl Chloride
Concen: 0.271 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion: 62 Resp: 3326
Ion Ratio Lower Upper
62 100
64 35.5 25.5 38.3

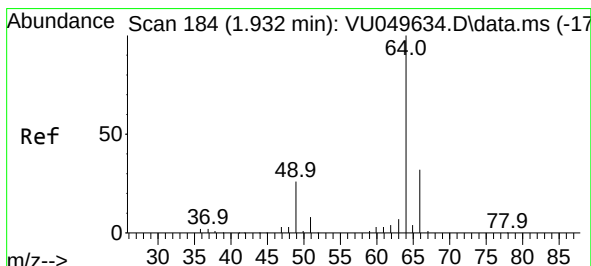
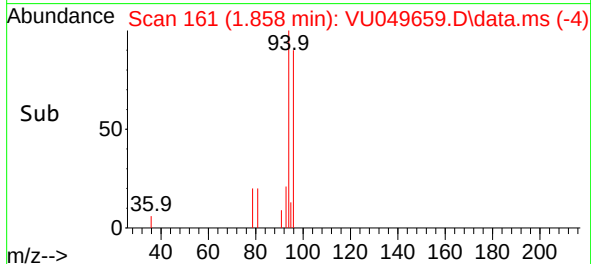
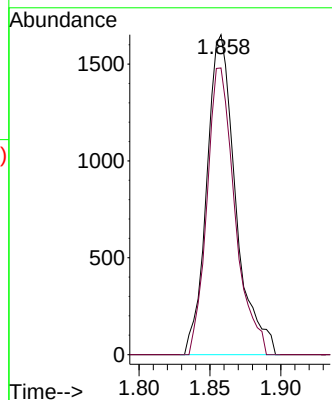
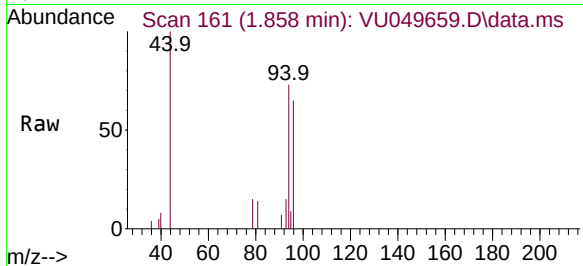




#5
Bromomethane
Concen: 0.367 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

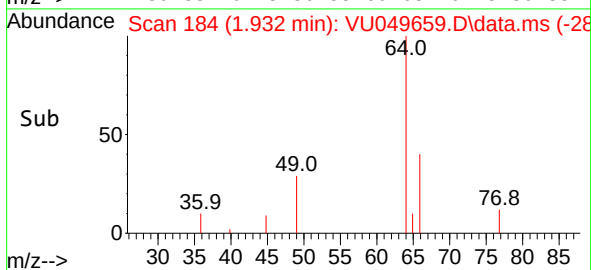
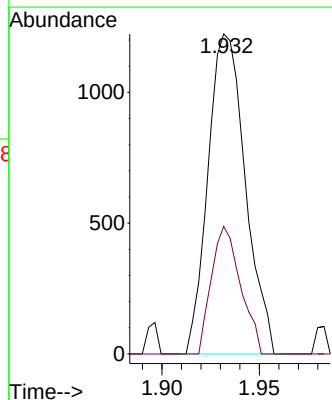
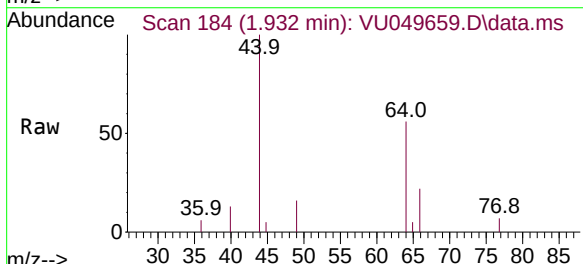
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

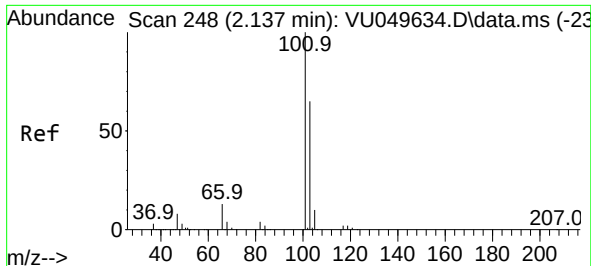
Tgt Ion: 94 Resp: 2351
Ion Ratio Lower Upper
94 100
96 89.6 73.0 109.6



#6
Chloroethane
Concen: 0.237 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion: 64 Resp: 1628
Ion Ratio Lower Upper
64 100
66 39.8 25.8 38.6#

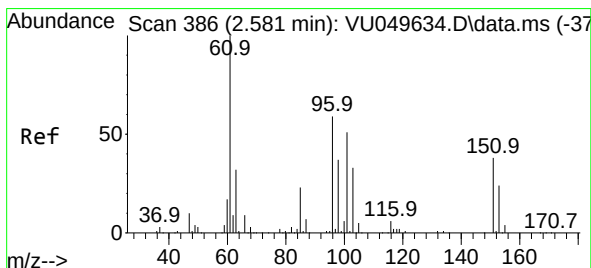
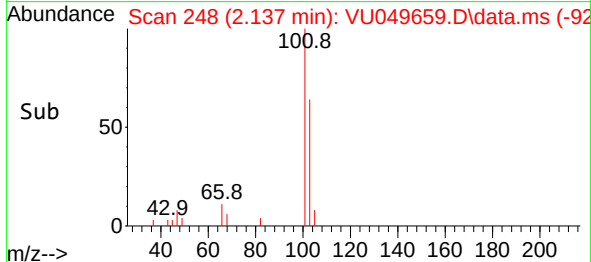
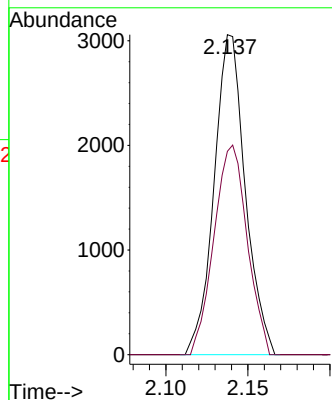
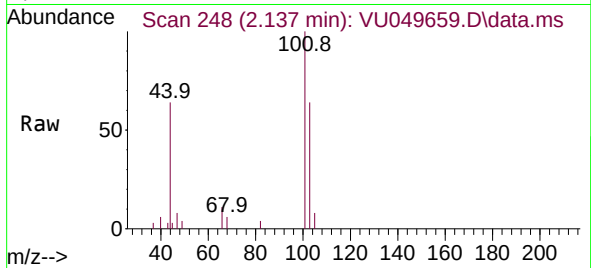




#7
 Trichlorofluoromethane
 Concen: 0.275 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

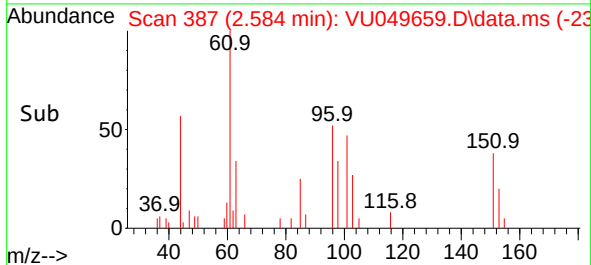
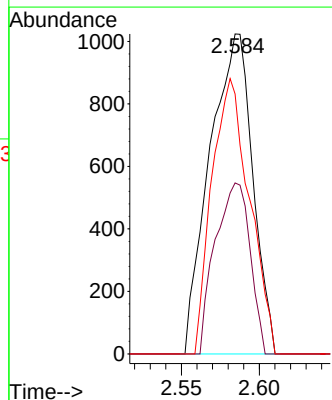
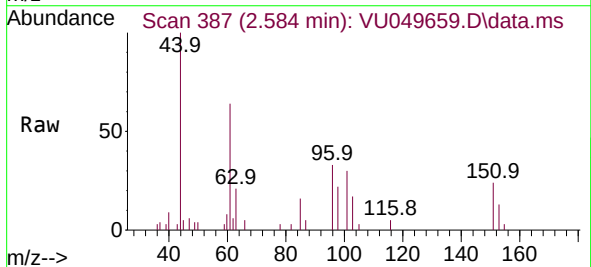
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

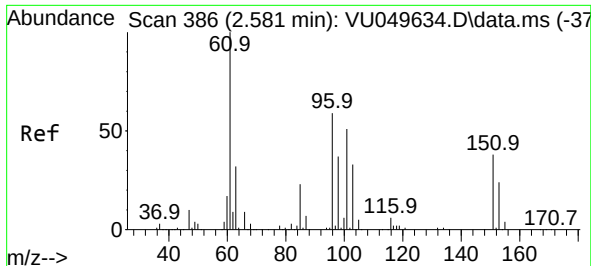
Tgt Ion:101 Resp: 4045
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.254 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

Tgt Ion:101 Resp: 1962
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.4 54.6
 151 75.2 59.1 88.7

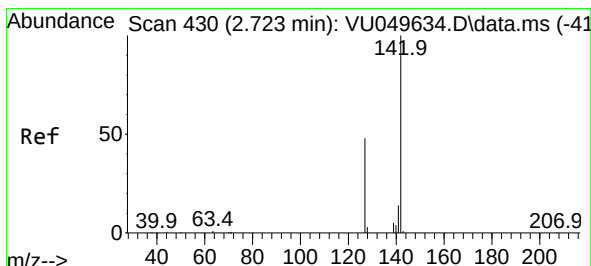
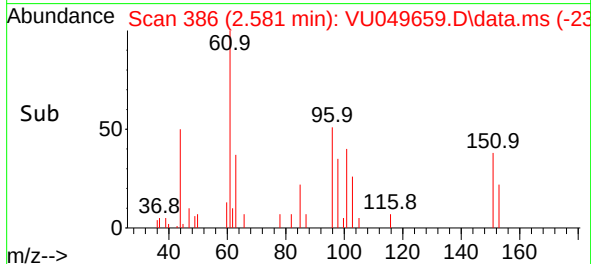
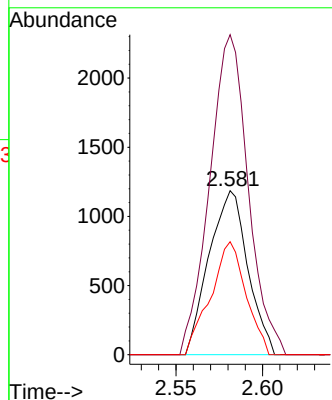
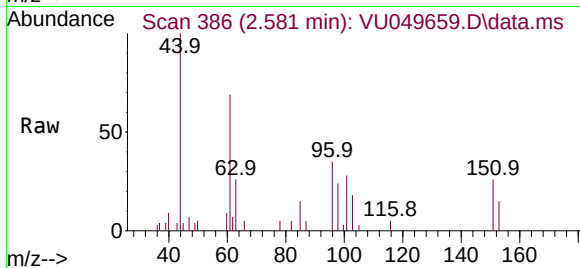




#9
 1,1-Dichloroethene
 Concen: 0.236 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

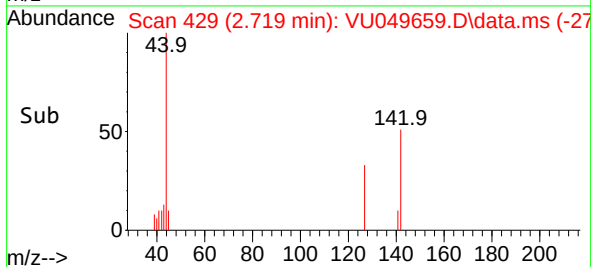
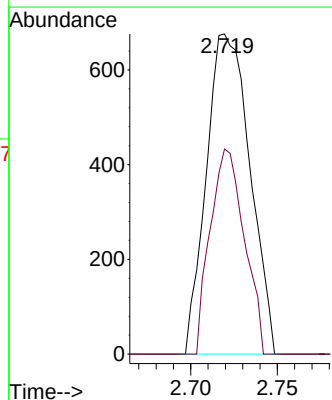
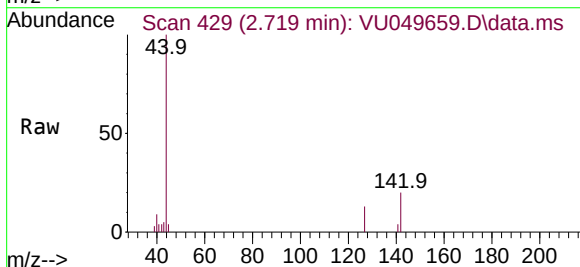
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

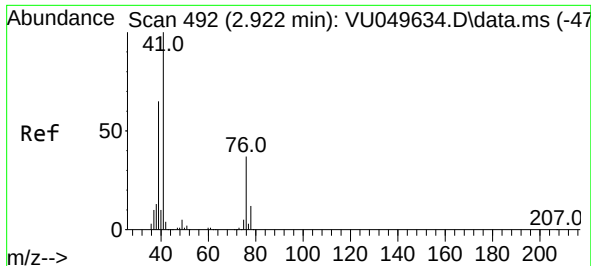
Tgt Ion:	96	Resp:	1844
Ion	Ratio	Lower	Upper
96	100		
61	195.1	0.0	510.6
98	68.9	0.0	124.6



#10
 Iodomethane
 Concen: 0.120 ug/l
 RT: 2.719 min Scan# 429
 Delta R.T. -0.003 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

Tgt Ion:	142	Resp:	1184
Ion	Ratio	Lower	Upper
142	100		
127	50.2	38.2	57.2

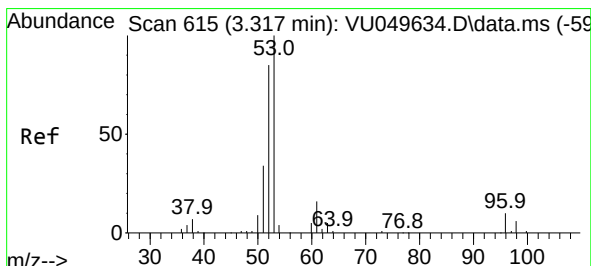
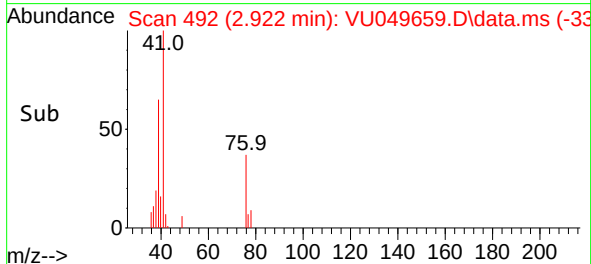
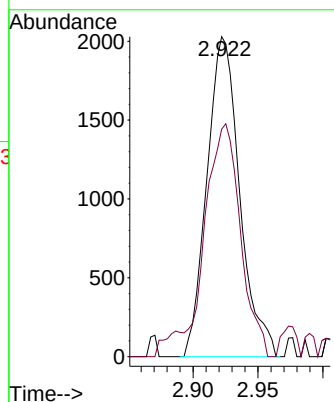
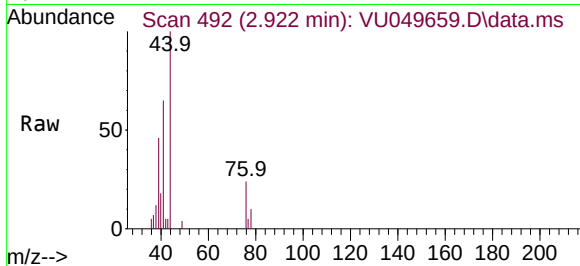




#11
 Allyl Chloride
 Concen: 0.267 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

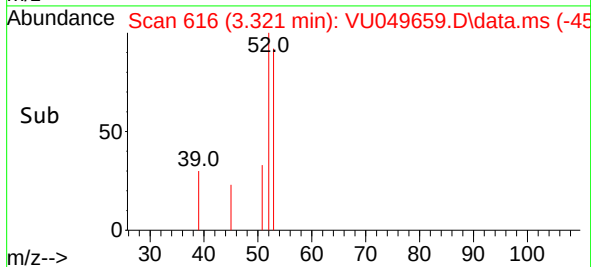
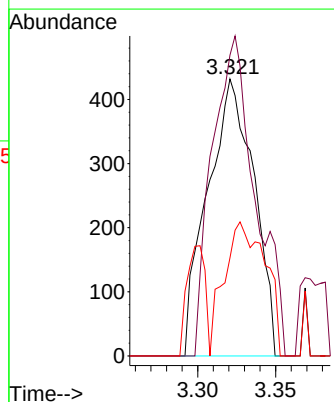
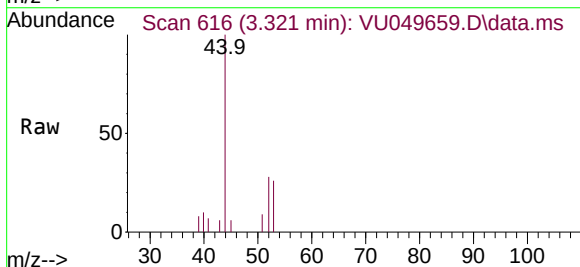
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

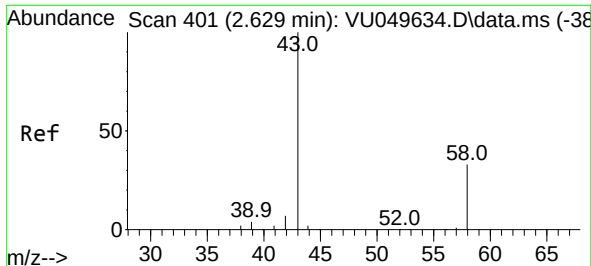
Tgt Ion: 41 Resp: 3558
 Ion Ratio Lower Upper
 41 100
 39 81.9 53.2 79.8#



#12
 Acrylonitrile
 Concen: 0.427 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

Tgt Ion: 53 Resp: 891
 Ion Ratio Lower Upper
 53 100
 52 107.7 64.6 97.0#
 51 43.2 30.7 46.1





#13

Acetone

Concen: 1.874 ug/l

RT: 2.636 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

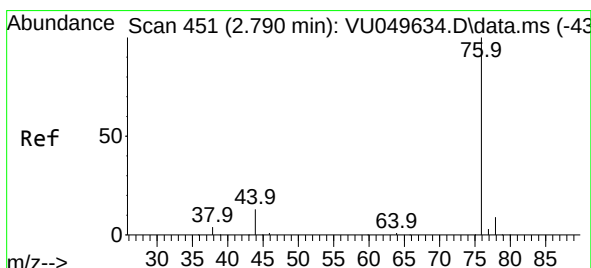
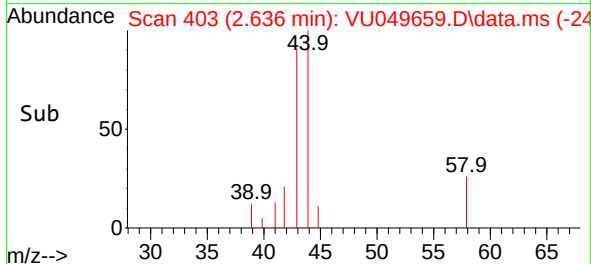
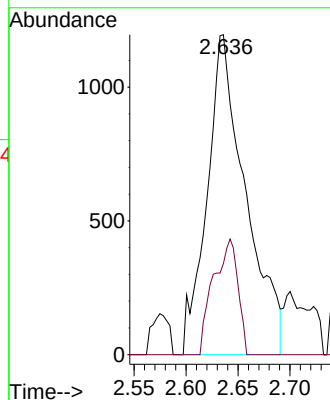
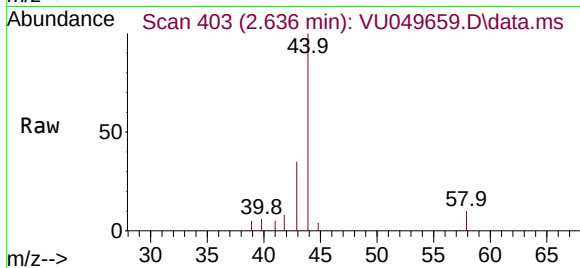
MDL-WATER-03-QT2-2022

Tgt Ion: 43 Resp: 3084

Ion Ratio Lower Upper

43 100

58 28.4 26.2 39.2



#14

Carbon Disulfide

Concen: 0.285 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049659.D

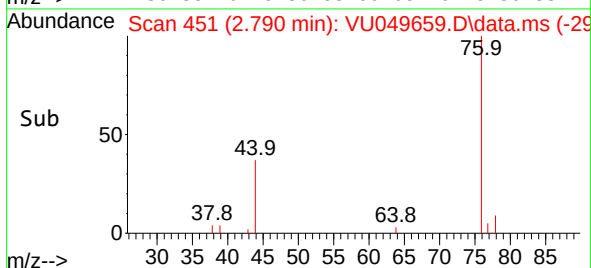
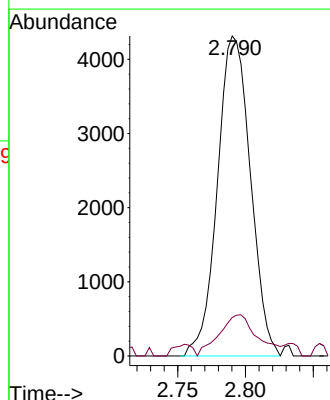
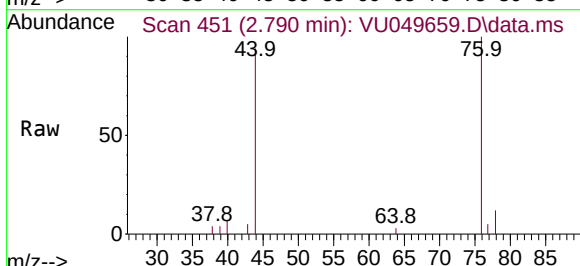
Acq: 08 Jul 2022 16:37

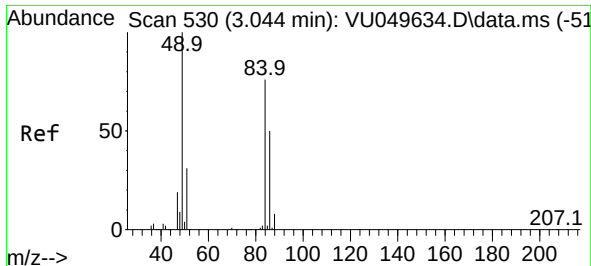
Tgt Ion: 76 Resp: 7308

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

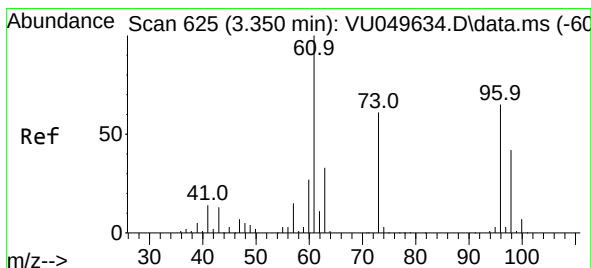
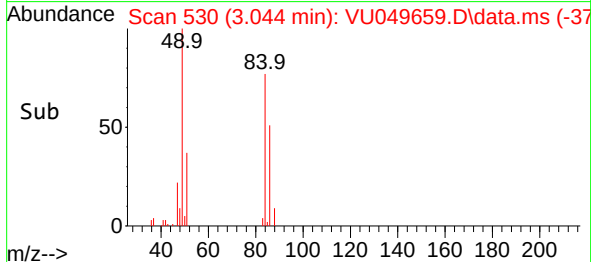
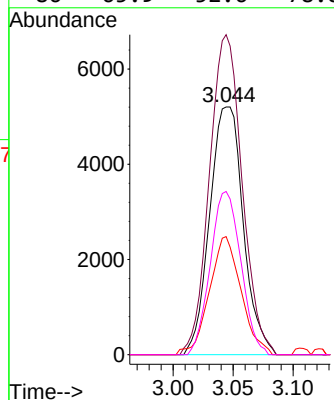
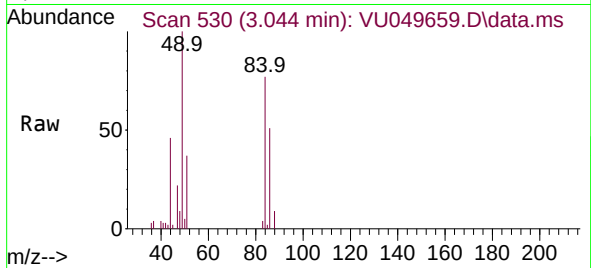




#15
Methylene Chloride
Concen: 1.037 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

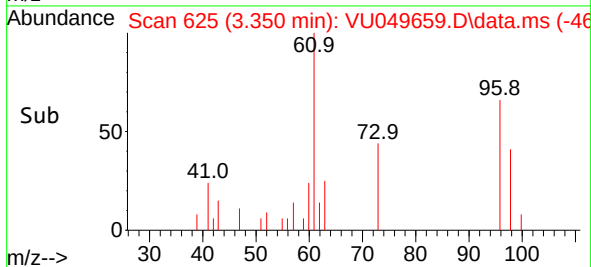
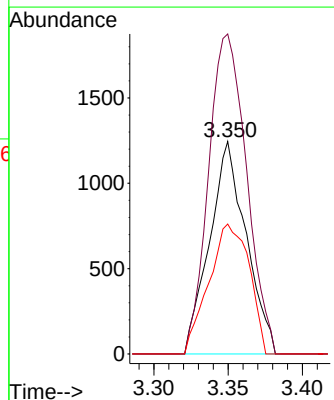
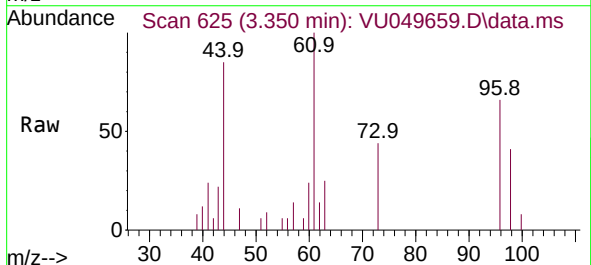
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

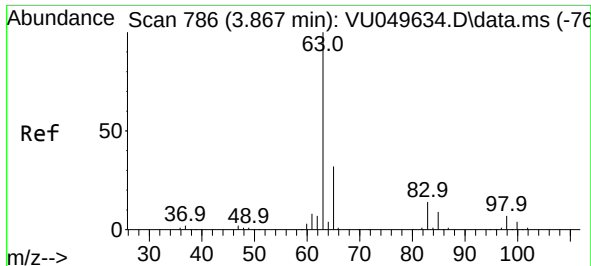
Tgt Ion:	84	Resp:	10132
Ion	Ratio	Lower	Upper
84	100		
49	129.2	104.6	157.0
51	47.7	0.0	81.4
86	65.9	52.6	78.8



#16
trans-1,2-Dichloroethene
Concen: 0.260 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:	96	Resp:	2132
Ion	Ratio	Lower	Upper
96	100		
61	150.6	123.4	185.0
98	61.1	51.6	77.4

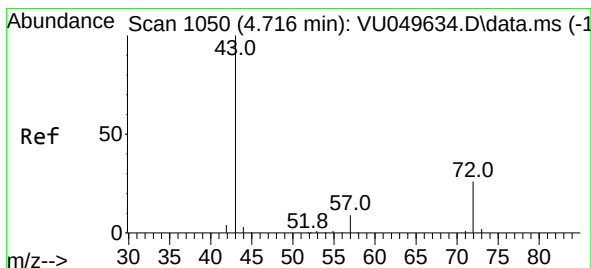
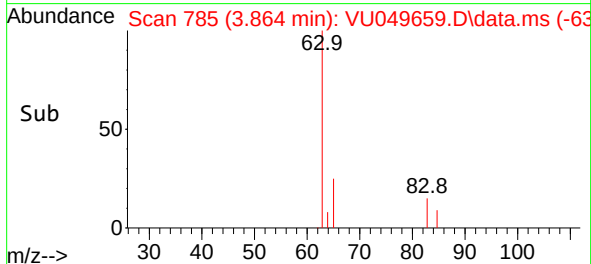
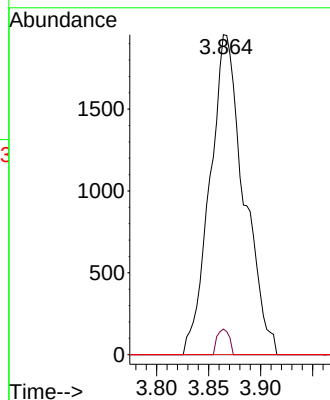
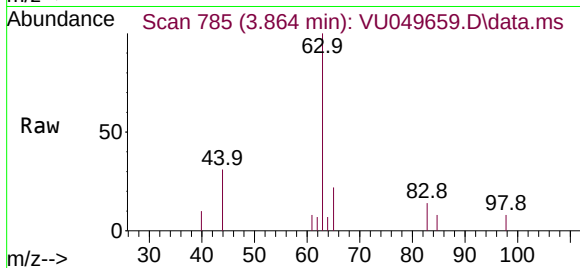




#17
1,1-Dichloroethane
Concen: 0.263 ug/l
RT: 3.864 min Scan# 785
Delta R.T. -0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

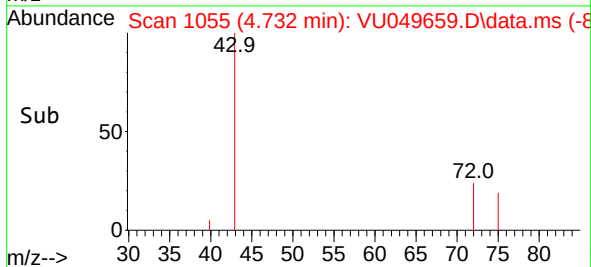
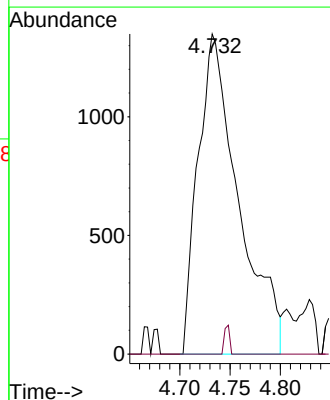
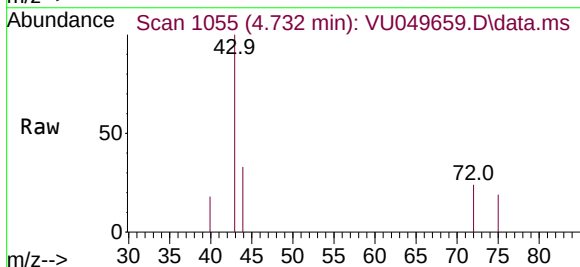
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

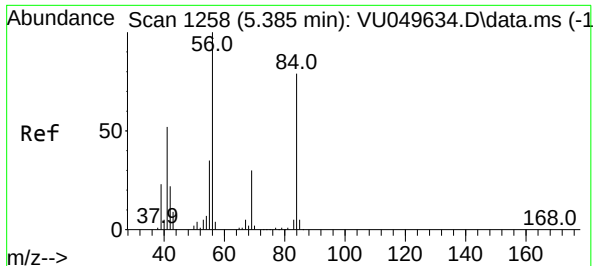
Tgt Ion: 63 Resp: 4454
Ion Ratio Lower Upper
63 100
98 8.0 3.4 10.2
100 0.0 2.0 6.0#



#18
2-Butanone
Concen: 1.349 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.016 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion: 43 Resp: 3785
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.0





#19

Cyclohexane

Concen: 0.193 ug/l

RT: 5.385 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

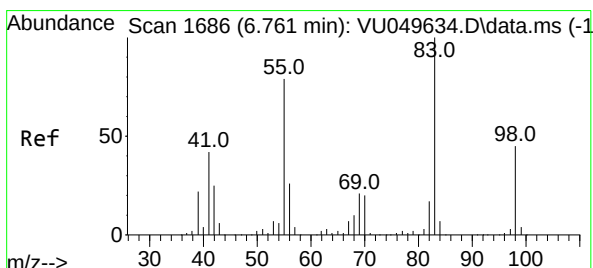
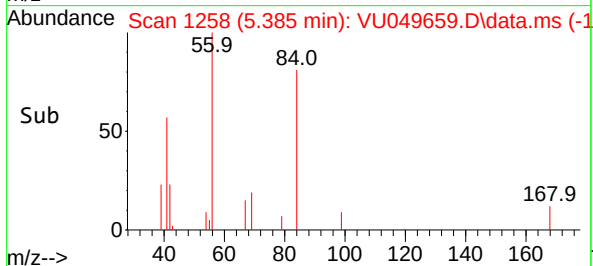
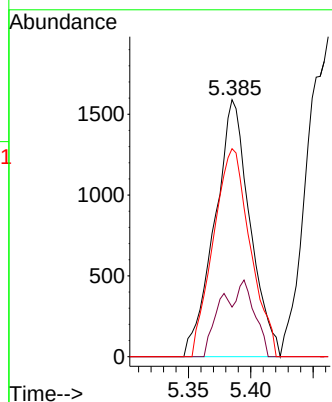
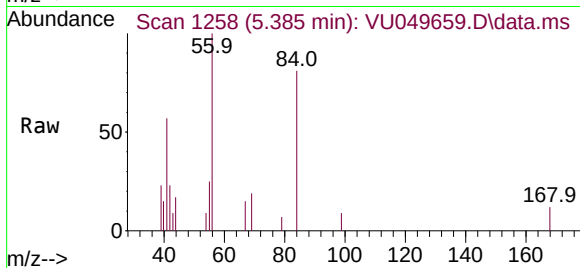
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:	56	Resp:	3124
Ion	Ratio	Lower	Upper
56	100		
69	12.2	24.2	36.4#
84	84.6	63.4	95.2



#20

Methylcyclohexane

Concen: 0.194 ug/l

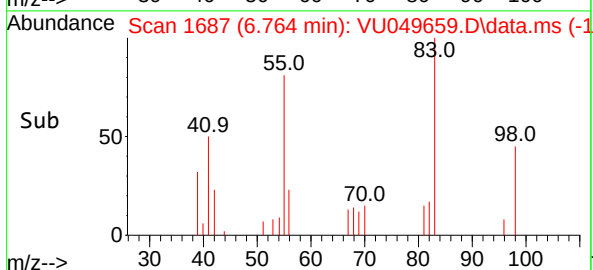
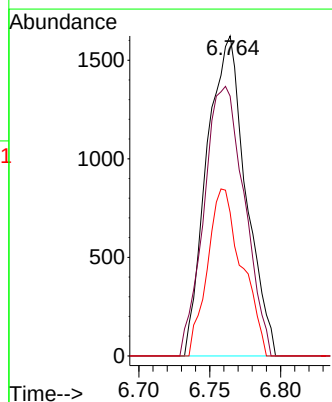
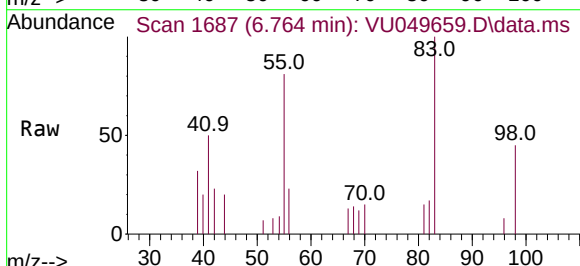
RT: 6.764 min Scan# 1687

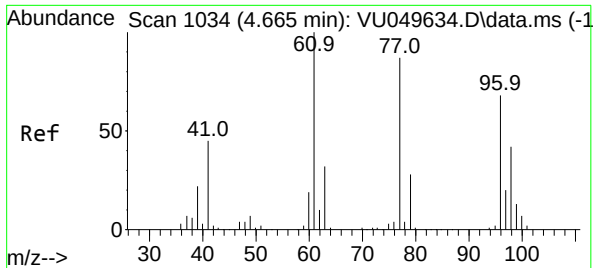
Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Tgt Ion:	83	Resp:	3102
Ion	Ratio	Lower	Upper
83	100		
55	87.3	63.0	94.4
98	46.2	35.7	53.5

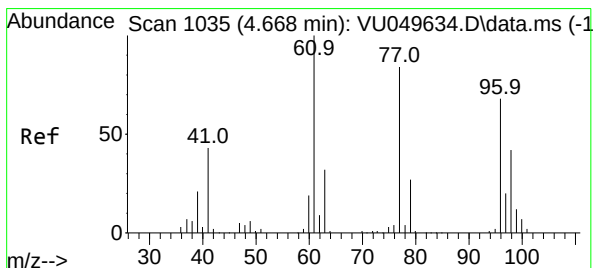
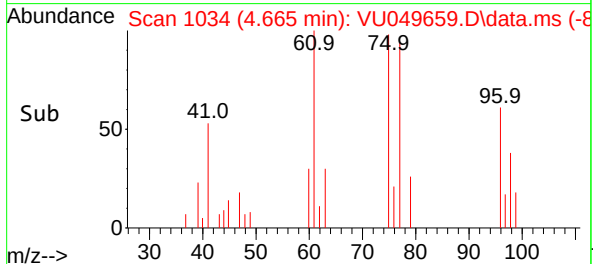
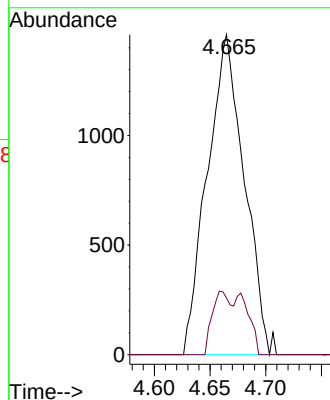
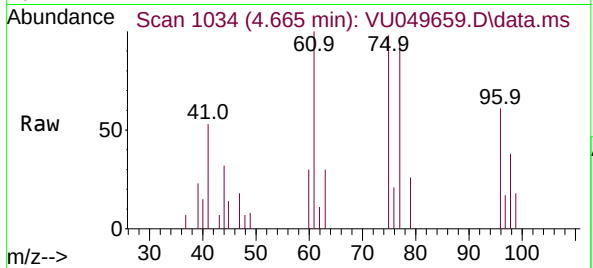




#21
2,2-Dichloropropane
Concen: 0.243 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

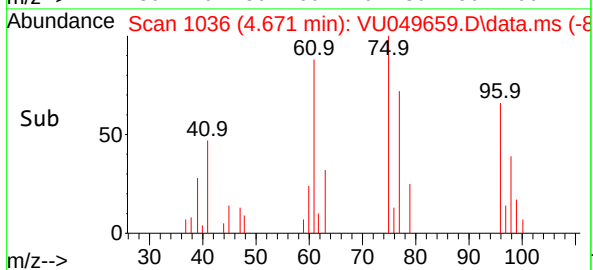
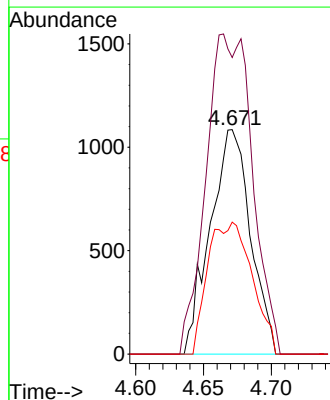
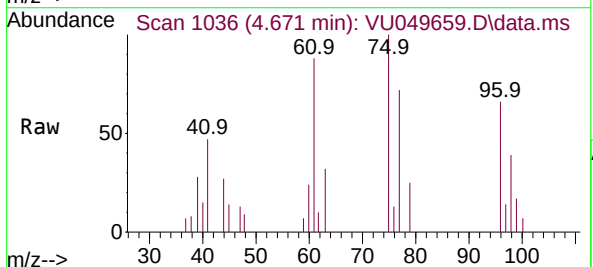
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

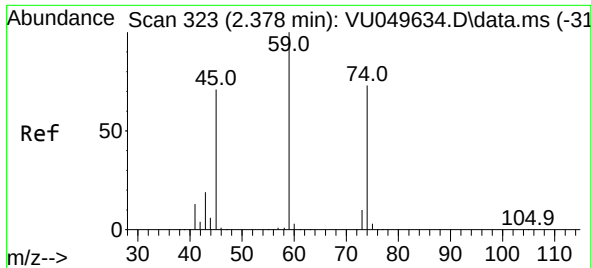
Tgt Ion: 77 Resp: 3368
Ion Ratio Lower Upper
77 100
97 10.5 18.5 27.7#



#22
cis-1,2-Dichloroethene
Concen: 0.222 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion: 96 Resp: 2245
Ion Ratio Lower Upper
96 100
61 95.3 0.0 375.8
98 26.5 31.6 95.0#





#23

Diethyl Ether

Concen: 0.243 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

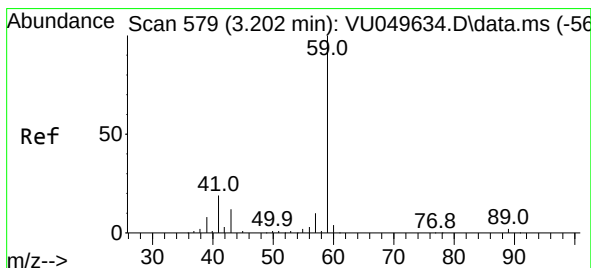
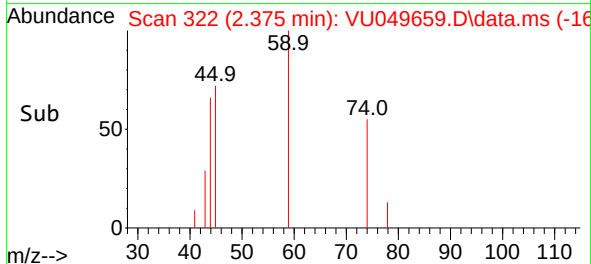
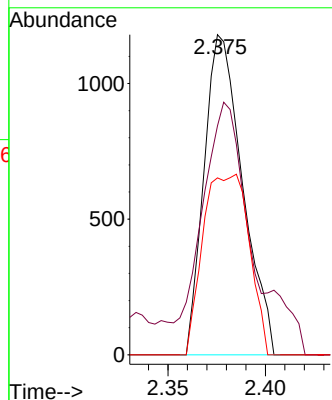
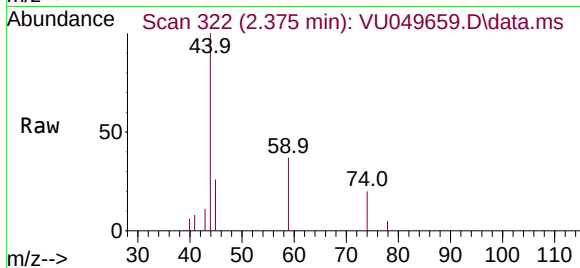
Tgt Ion: 59 Resp: 1618

Ion Ratio Lower Upper

59 100

45 102.0 56.0 84.0#

74 67.7 57.6 86.4



#24

tert-Butyl Alcohol

Concen: 1.387 ug/l

RT: 3.199 min Scan# 578

Delta R.T. -0.003 min

Lab File: VU049659.D

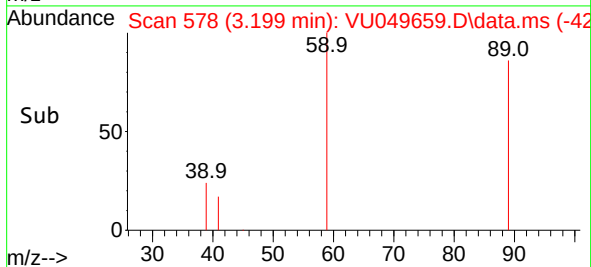
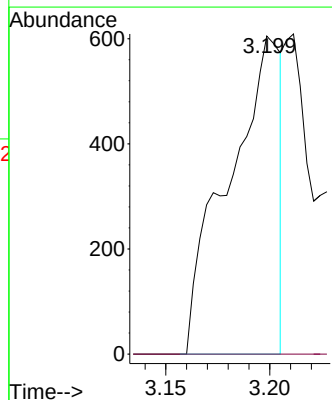
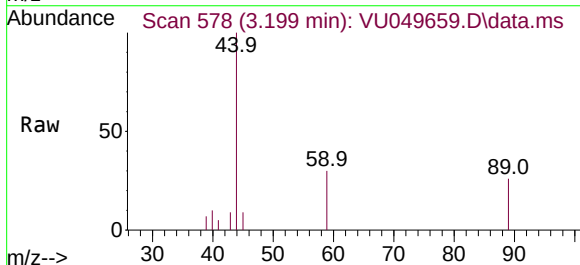
Acq: 08 Jul 2022 16:37

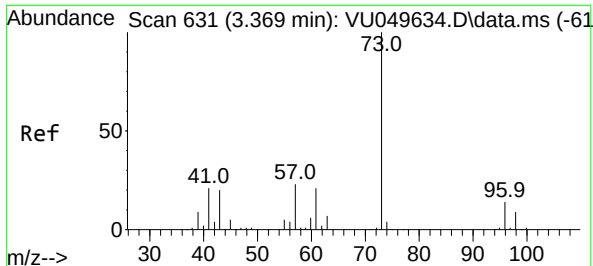
Tgt Ion: 59 Resp: 1052

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#25

Methyl tert-Butyl Ether

Concen: 0.265 ug/l

RT: 3.372 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

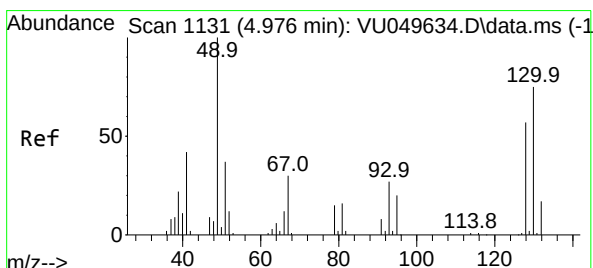
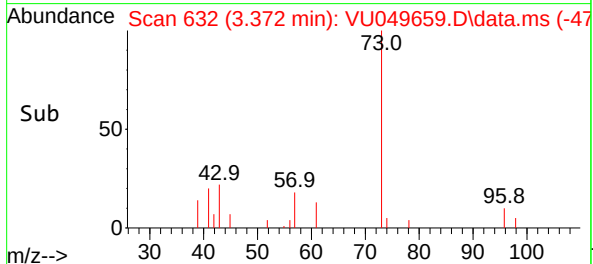
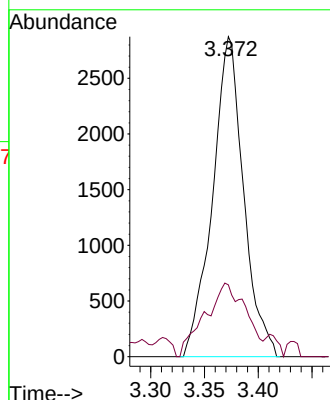
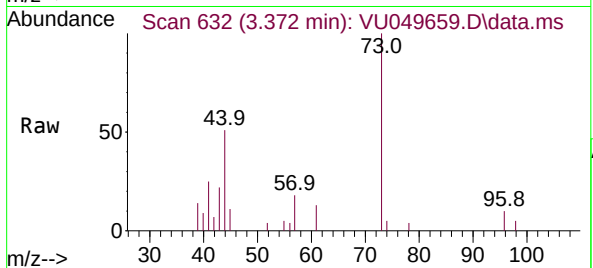
MDL-WATER-03-QT2-2022

Tgt Ion: 73 Resp: 5778

Ion Ratio Lower Upper

73 100

43 30.5 15.9 23.9#



#26

Bromochloromethane

Concen: 0.259 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

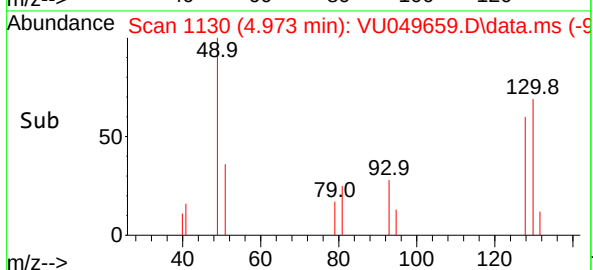
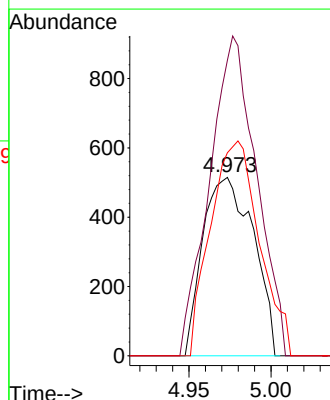
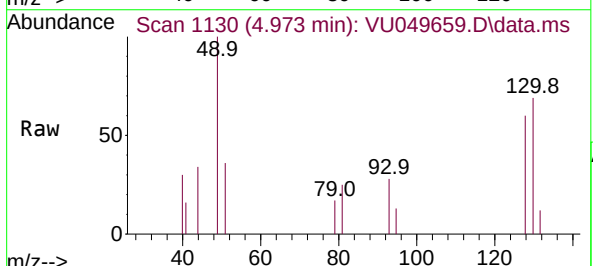
Tgt Ion: 128 Resp: 1103

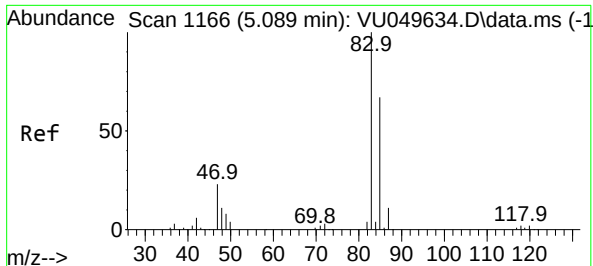
Ion Ratio Lower Upper

128 100

49 166.5 0.0 349.2

130 116.6 103.0 154.6





#27

Chloroform

Concen: 0.253 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.007 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

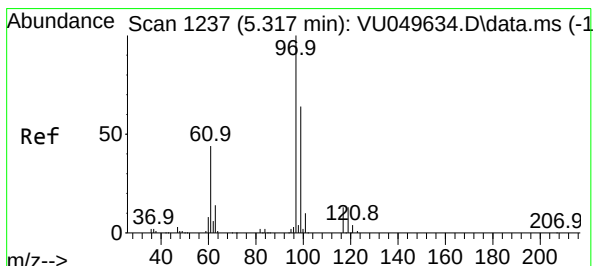
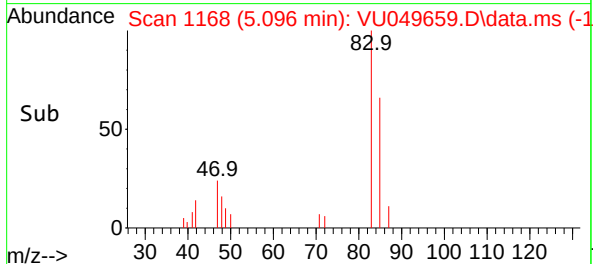
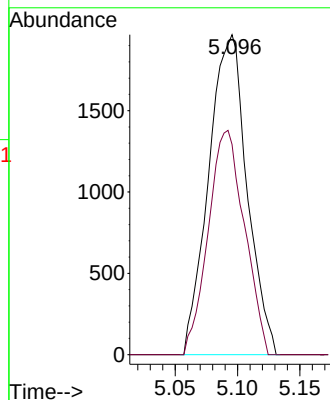
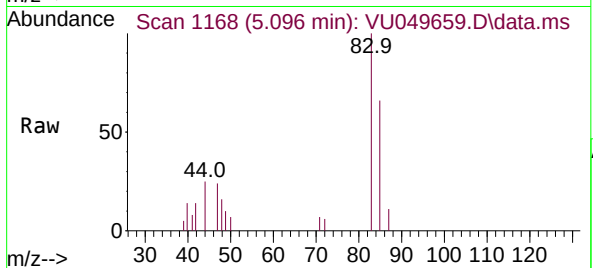
MDL-WATER-03-QT2-2022

Tgt Ion: 83 Resp: 4217

Ion Ratio Lower Upper

83 100

85 65.7 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.263 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

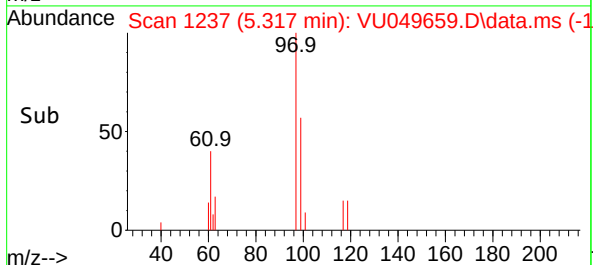
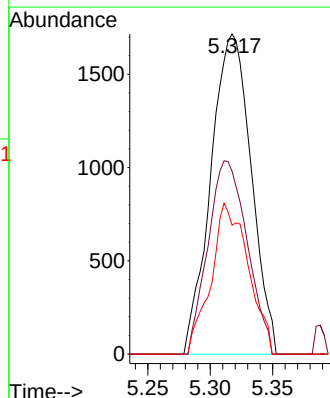
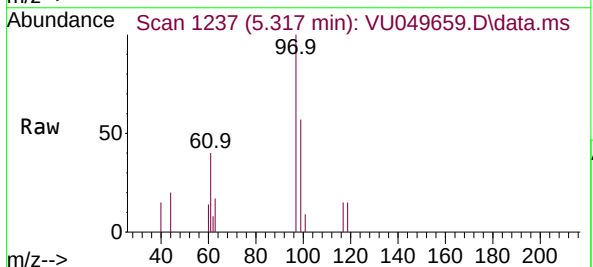
Tgt Ion: 97 Resp: 3867

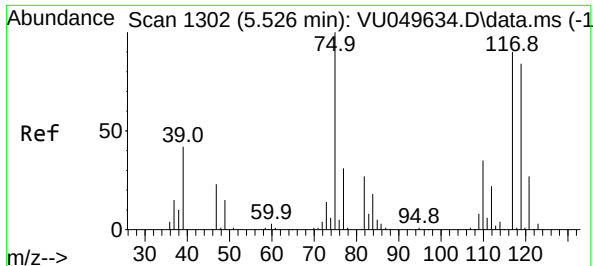
Ion Ratio Lower Upper

97 100

99 58.6 32.1 96.5

61 43.4 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.214 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

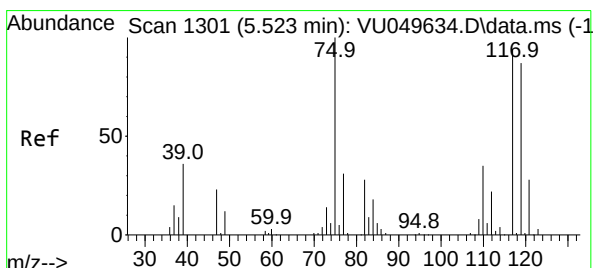
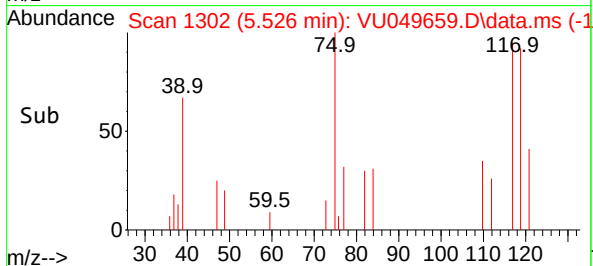
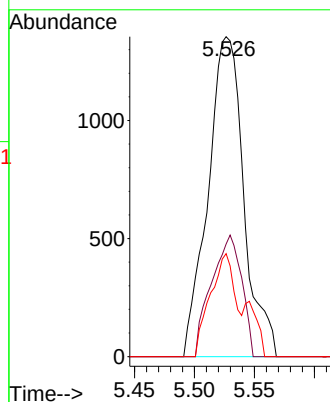
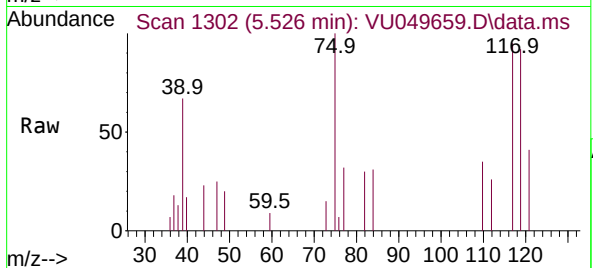
Tgt Ion: 75 Resp: 2808

Ion Ratio Lower Upper

75 100

110 32.1 17.3 52.0

77 22.6 24.6 37.0#



#30

Carbon Tetrachloride

Concen: 0.267 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

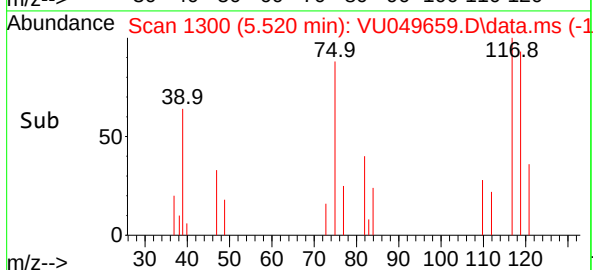
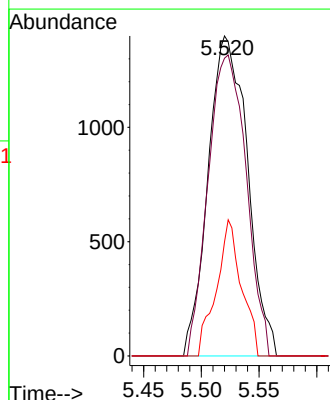
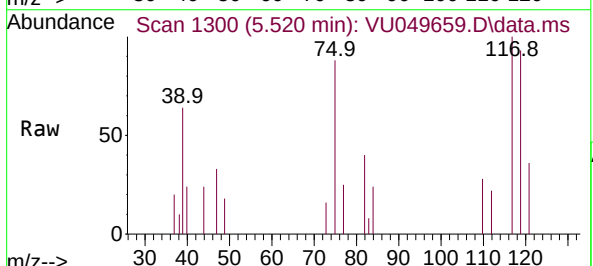
Tgt Ion: 117 Resp: 3306

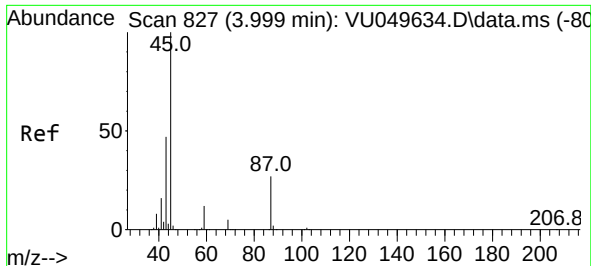
Ion Ratio Lower Upper

117 100

119 93.1 74.6 112.0

121 35.6 24.2 36.4

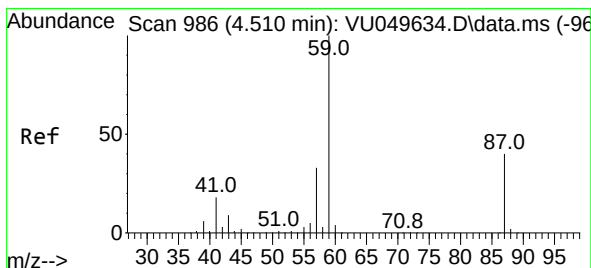
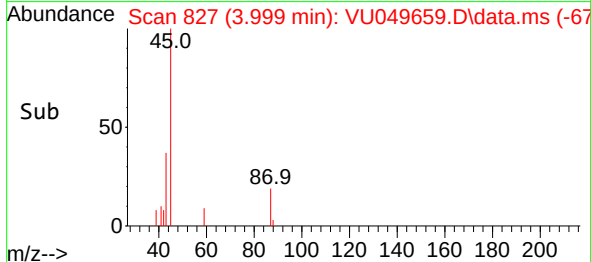
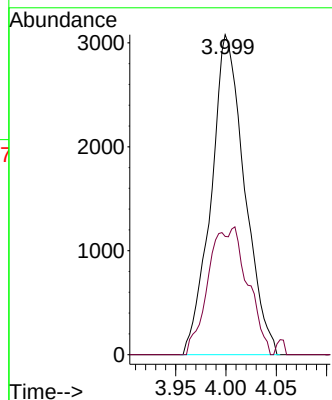
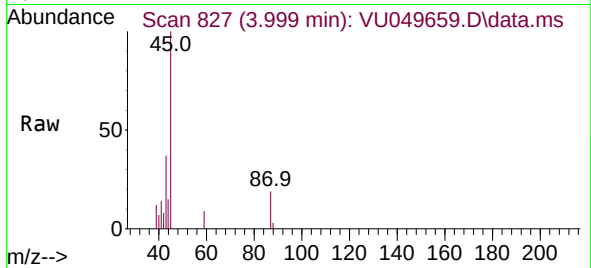




#31
Isopropyl Ether
Concen: 0.246 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

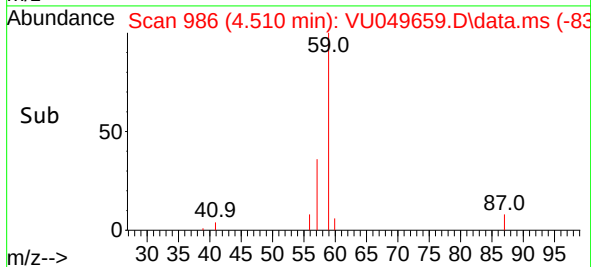
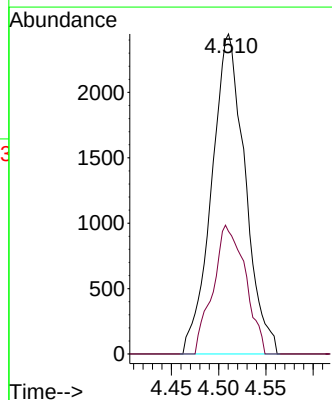
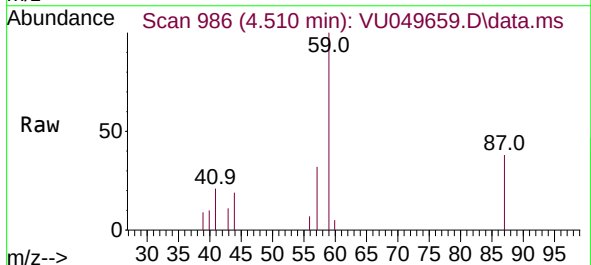
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

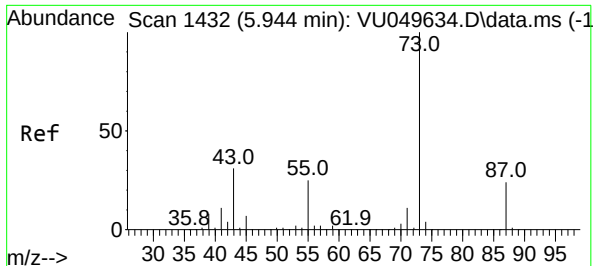
Tgt Ion: 45 Resp: 7136
Ion Ratio Lower Upper
45 100
43 25.3 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.219 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion: 59 Resp: 6013
Ion Ratio Lower Upper
59 100
87 38.8 32.5 48.7





#33

Tert-Amyl methyl ether

Concen: 0.120 ug/l

RT: 5.941 min Scan# 1432

Delta R.T. -0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

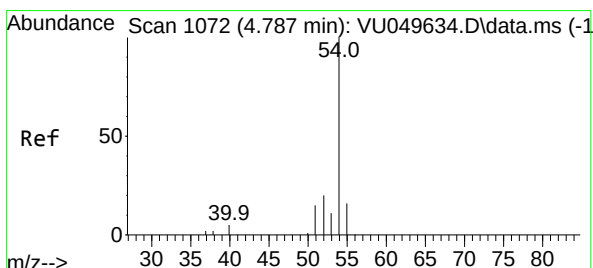
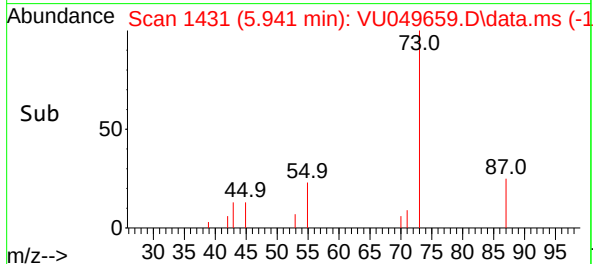
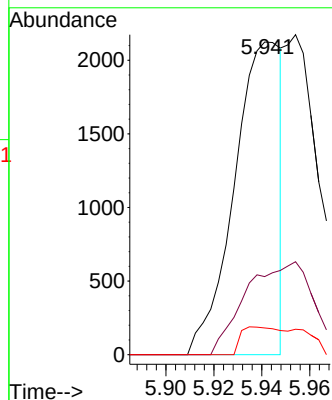
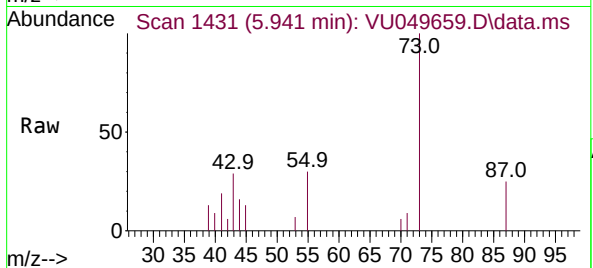
Tgt Ion: 73 Resp: 2876

Ion Ratio Lower Upper

73 100

87 42.0 19.7 29.5#

71 8.2 9.0 13.4#



#34

Propionitrile

Concen: 0.541 ug/l

RT: 4.806 min Scan# 1078

Delta R.T. 0.019 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Tgt Ion: 54 Resp: 435

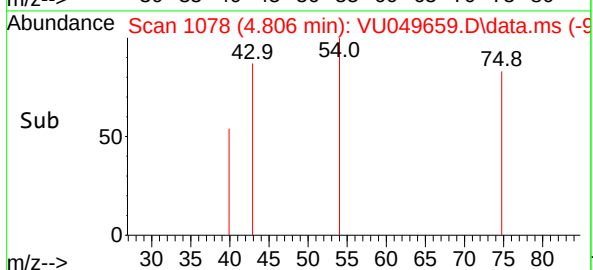
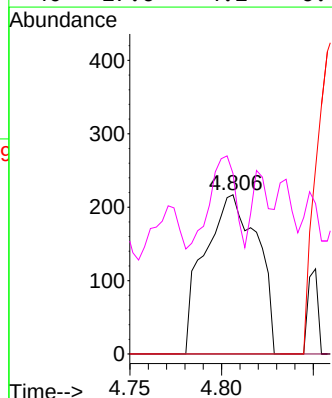
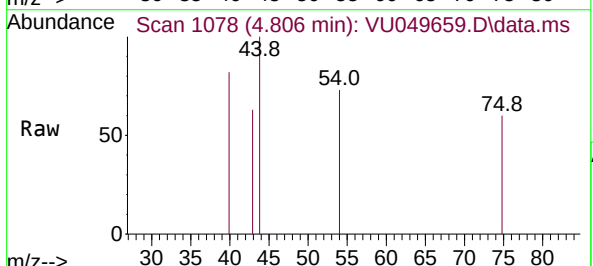
Ion Ratio Lower Upper

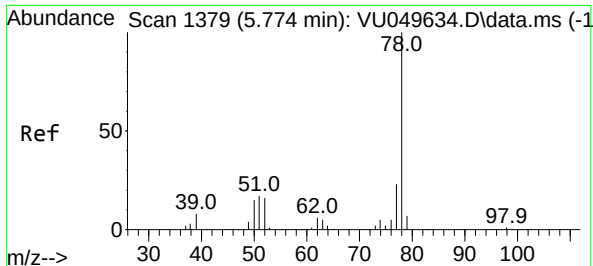
54 100

52 0.0 15.0 22.6#

55 0.0 12.6 19.0#

40 27.6 4.2 6.4#





#35

Benzene

Concen: 0.234 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.007 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

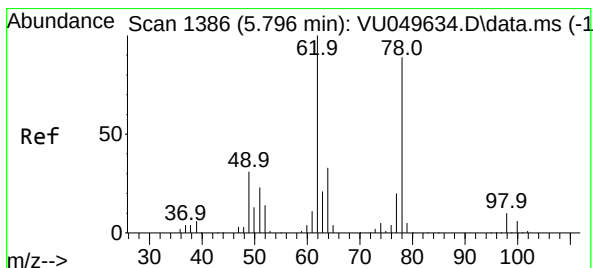
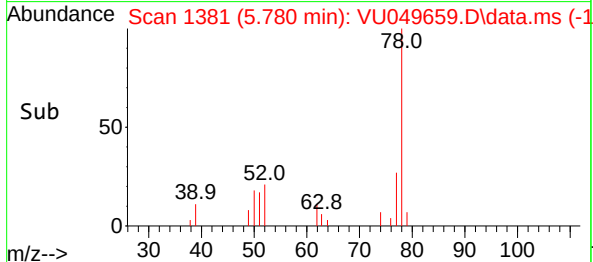
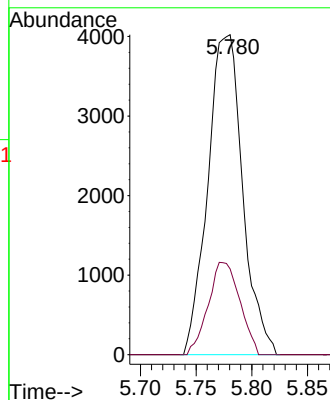
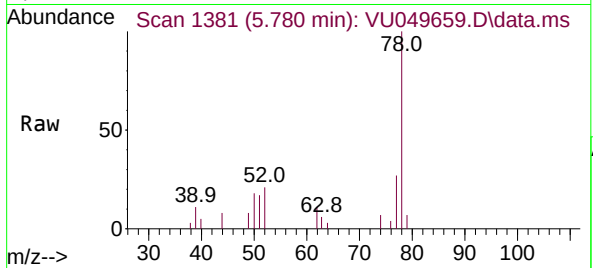
MDL-WATER-03-QT2-2022

Tgt Ion: 78 Resp: 8757

Ion Ratio Lower Upper

78 100

77 26.8 18.6 28.0



#36

1,2-Dichloroethane

Concen: 0.260 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU049659.D

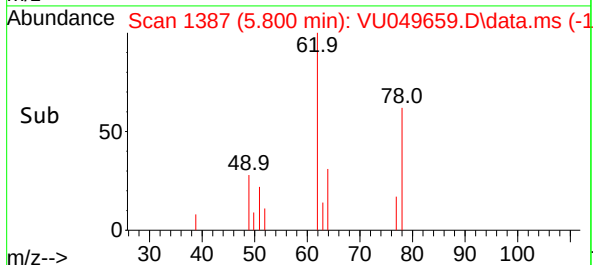
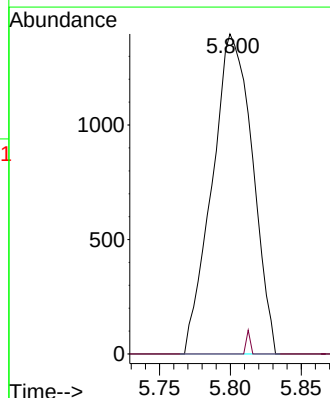
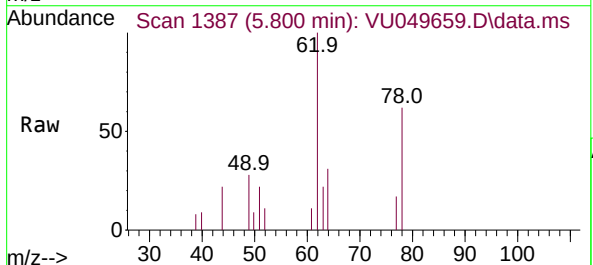
Acq: 08 Jul 2022 16:37

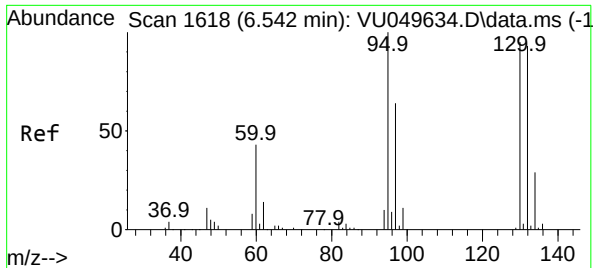
Tgt Ion: 62 Resp: 2770

Ion Ratio Lower Upper

62 100

98 0.7 7.4 11.0#





#37

Trichloroethene

Concen: 0.220 ug/l

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

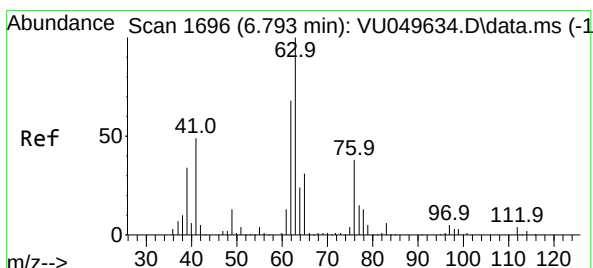
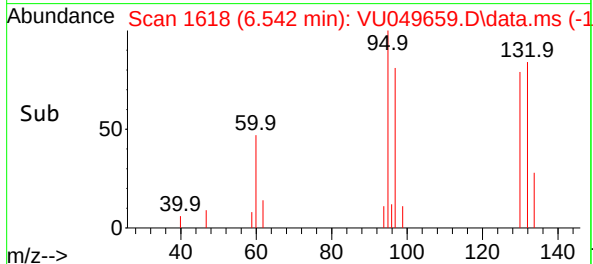
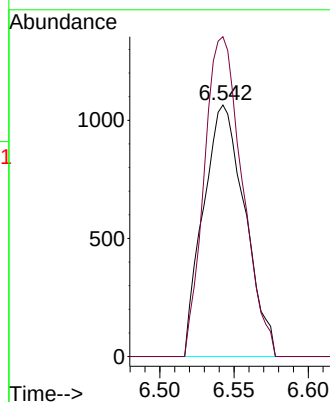
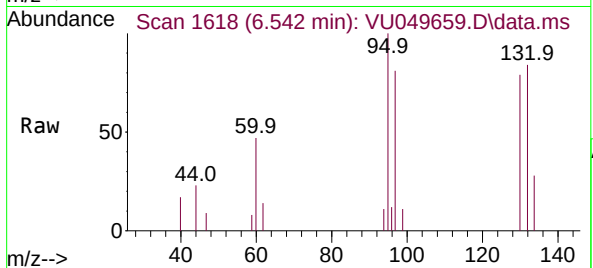
MDL-WATER-03-QT2-2022

Tgt Ion:130 Resp: 2076

Ion Ratio Lower Upper

130 100

95 127.1 83.8 125.8#



#38

1,2-Dichloropropane

Concen: 0.249 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU049659.D

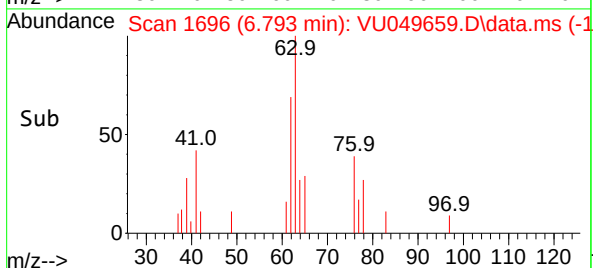
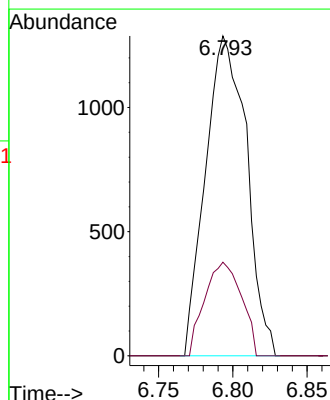
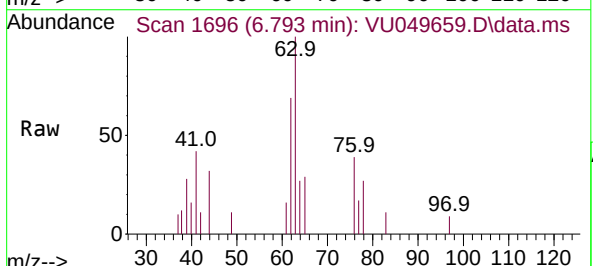
Acq: 08 Jul 2022 16:37

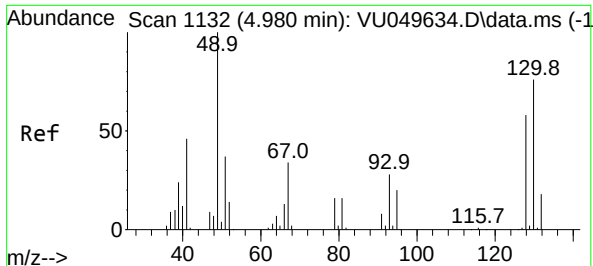
Tgt Ion: 63 Resp: 2470

Ion Ratio Lower Upper

63 100

65 29.3 25.0 37.4





#39

Methacrylonitrile

Concen: 0.092 ug/l

RT: 4.989 min Scan# 1135

Delta R.T. 0.009 min

Lab File: VU049659.D

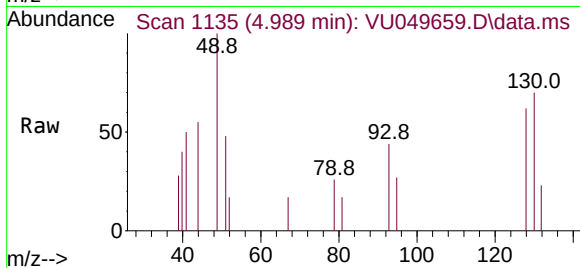
Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 41 Resp: 317

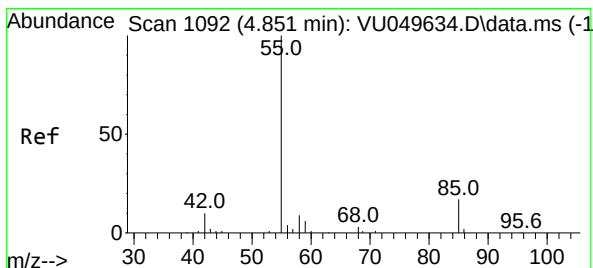
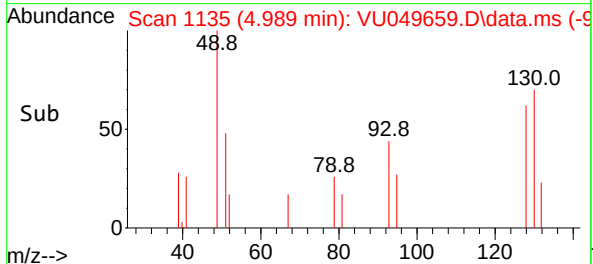
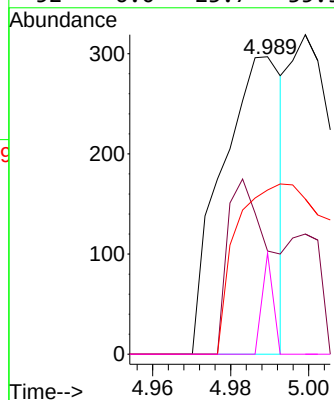
Ion Ratio Lower Upper

41 100

67 40.7 59.4 89.0#

39 97.5 42.2 63.2#

52 6.0 23.7 35.5#



#40

Methyl acrylate

Concen: 0.172 ug/l

RT: 4.861 min Scan# 1095

Delta R.T. 0.010 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Tgt Ion: 55 Resp: 931

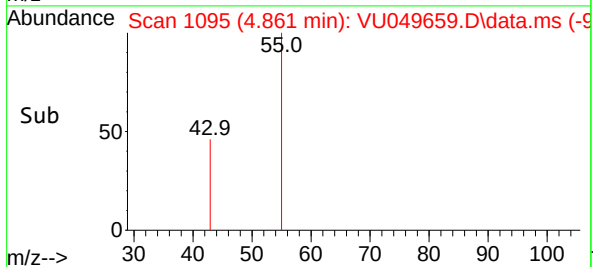
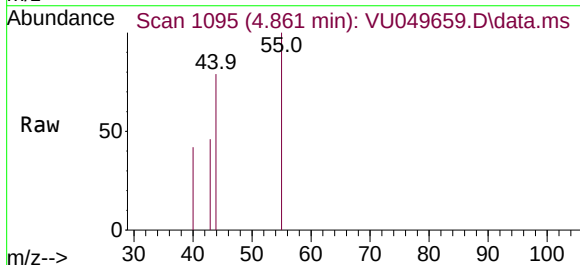
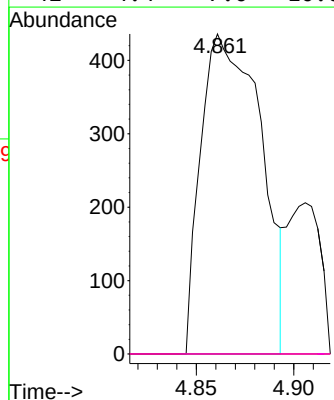
Ion Ratio Lower Upper

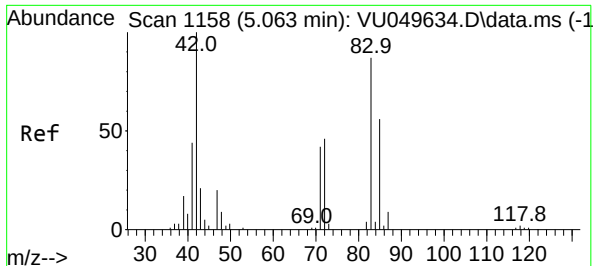
55 100

85 0.0 13.5 20.3#

58 0.0 7.0 10.4#

42 4.4 7.0 10.6#





#41

Tetrahydrofuran

Concen: 0.558 ug/l

RT: 5.070 min Scan# 1158

Delta R.T. 0.007 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

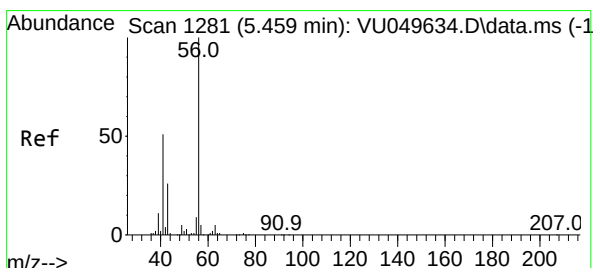
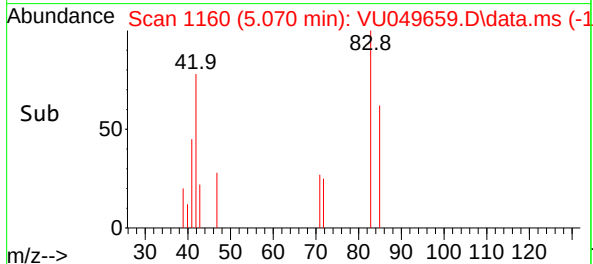
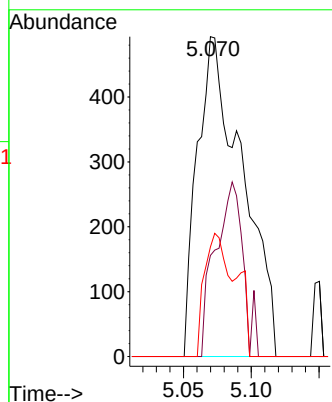
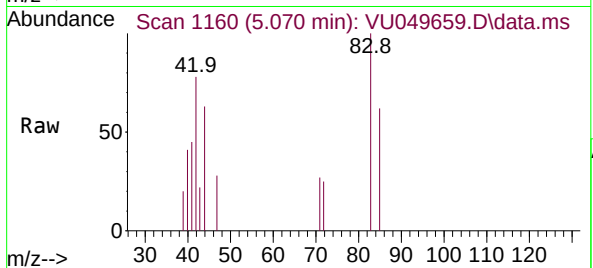
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 42	Resp: 1136
Ion Ratio	Lower Upper
42	100
72	33.7 38.9 58.3#
71	20.2 33.7 50.5#



#42

1-Chlorobutane

Concen: 0.231 ug/l

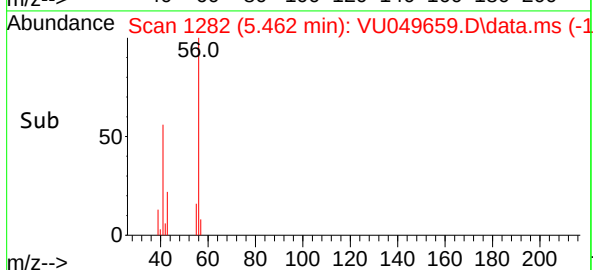
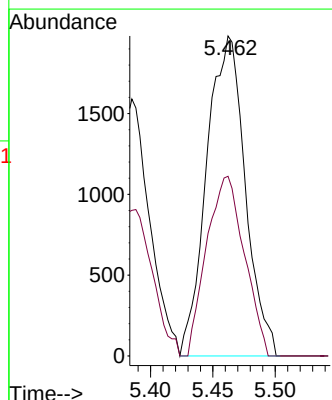
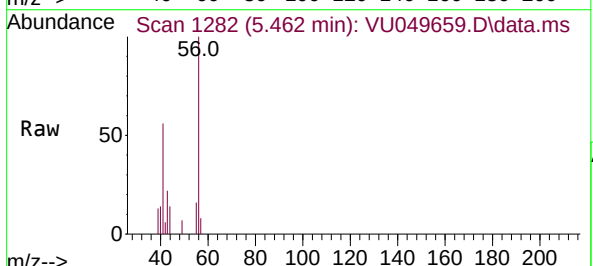
RT: 5.462 min Scan# 1282

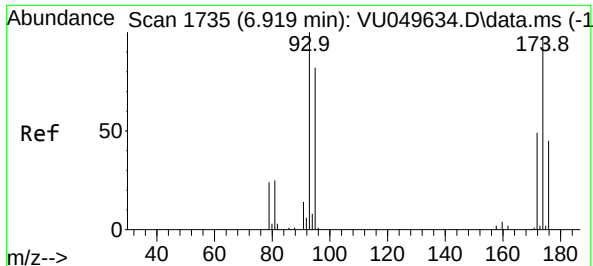
Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Tgt Ion: 56	Resp: 4259
Ion Ratio	Lower Upper
56	100
41	55.0 26.4 79.2

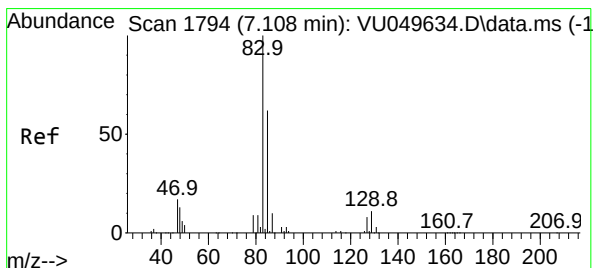
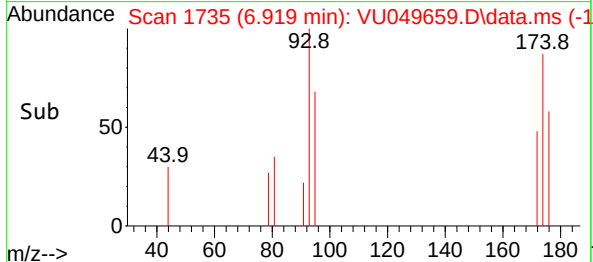
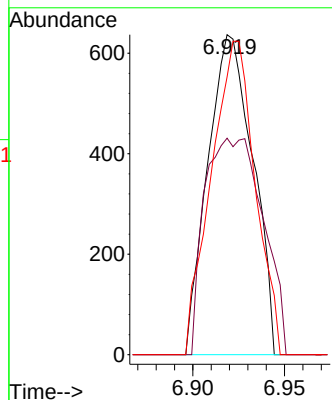
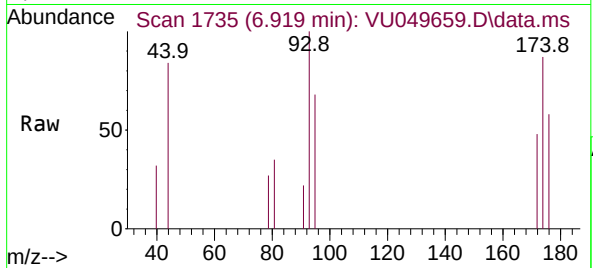




#43
Dibromomethane
Concen: 0.220 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

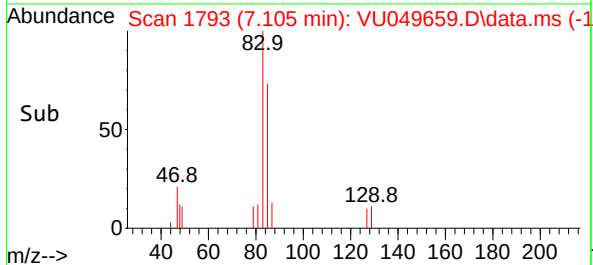
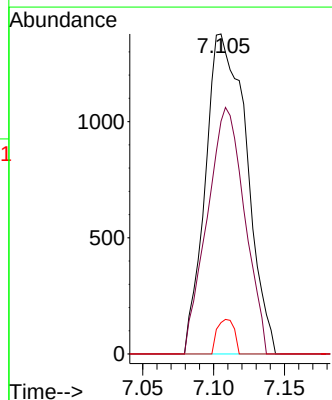
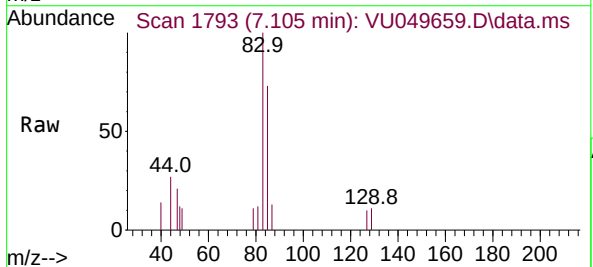
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

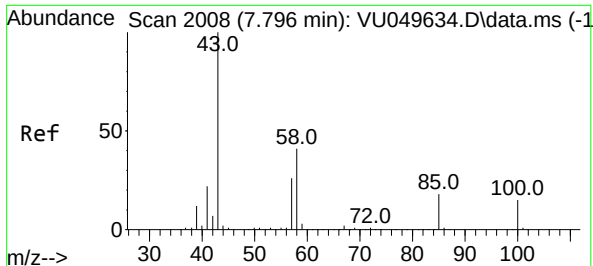
Tgt Ion: 93	Resp: 1086		
Ion Ratio	Lower	Upper	
93	100		
95	87.8	65.0	97.6
174	95.9	76.3	114.5



#44
Bromodichloromethane
Concen: 0.235 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion: 83	Resp: 2783
Ion Ratio	Lower Upper
83 100	
85 72.7	49.4 74.0
127 9.8	6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 1.210 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

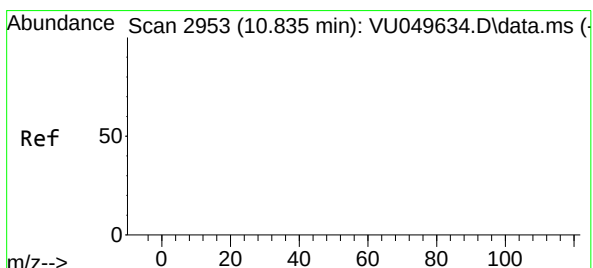
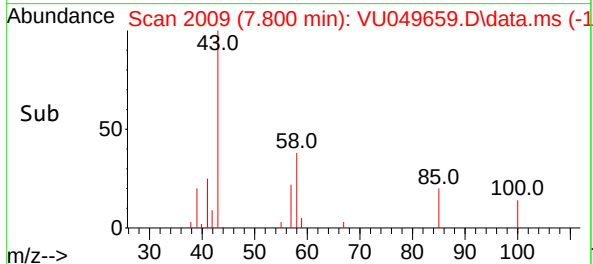
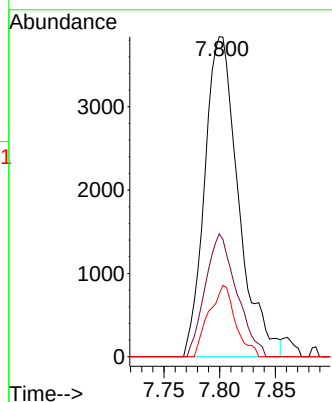
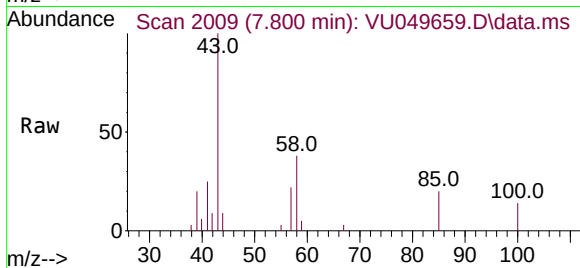
Tgt Ion: 43 Resp: 8104

Ion Ratio Lower Upper

43 100

58 35.7 20.3 61.0

85 17.6 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 1.174 ug/l

RT: 10.828 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Tgt Ion: 75 Resp: 2558

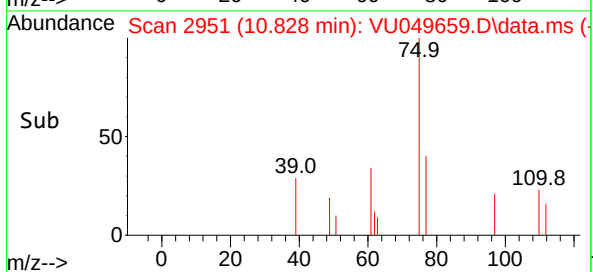
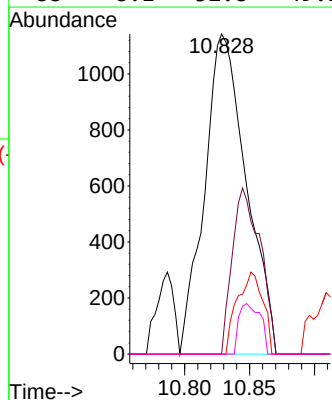
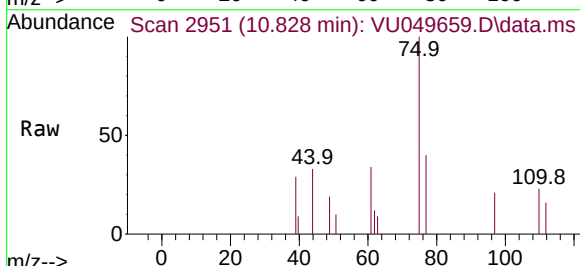
Ion Ratio Lower Upper

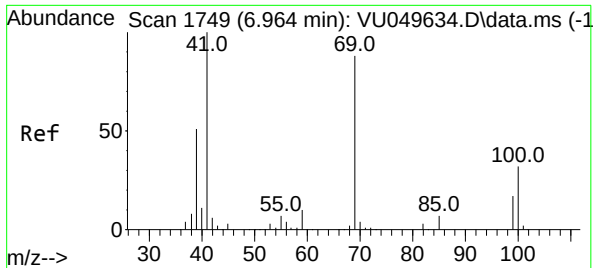
75 100

53 34.6 64.4 96.6#

89 15.7 44.2 66.2#

88 8.1 32.8 49.2#





#47

Methyl methacrylate

Concen: 0.464 ug/l

RT: 6.970 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 69 Resp: 2307

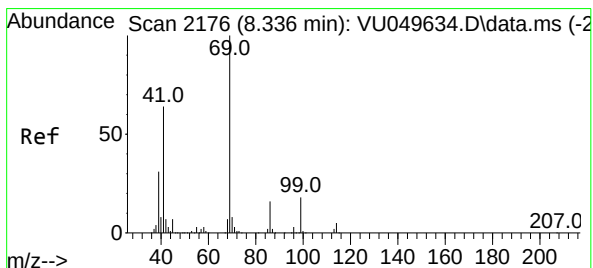
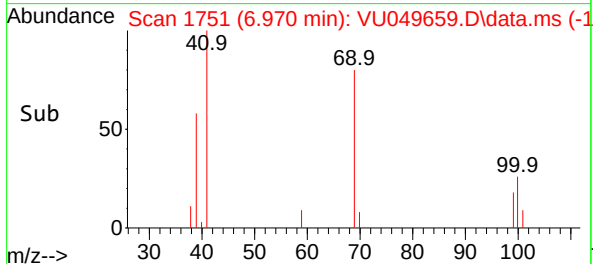
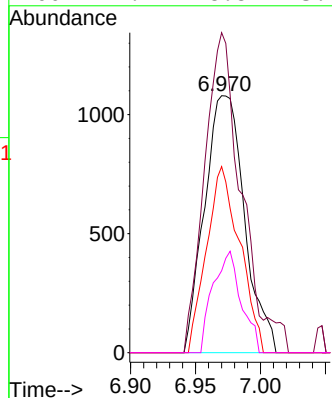
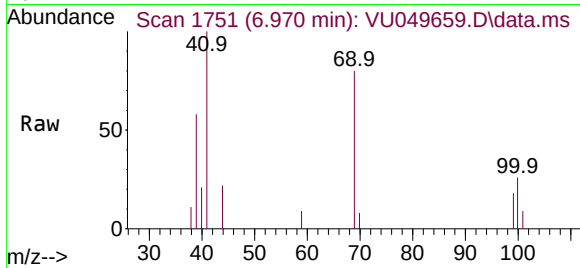
Ion Ratio Lower Upper

69 100

41 115.5 0.0 225.4

39 60.3 45.8 68.8

100 27.9 28.8 43.2#



#48

Ethyl methacrylate

Concen: 0.199 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU049659.D

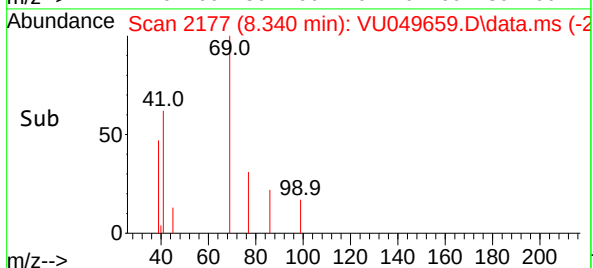
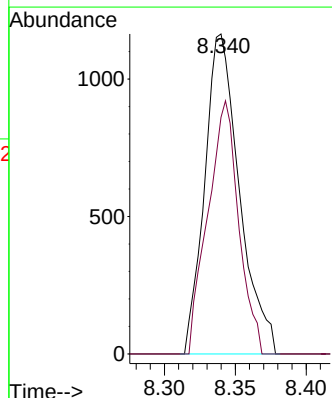
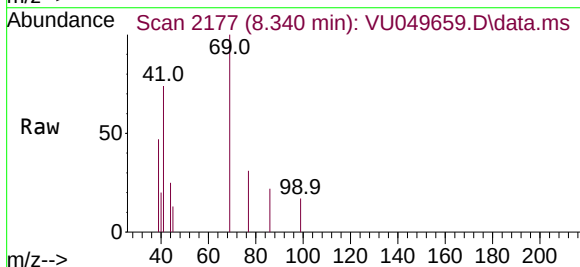
Acq: 08 Jul 2022 16:37

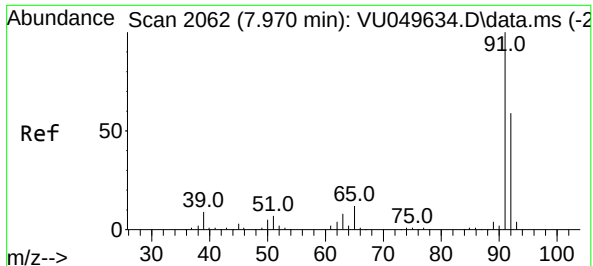
Tgt Ion: 69 Resp: 1984

Ion Ratio Lower Upper

69 100

41 70.0 32.3 96.9





#49

Toluene

Concen: 0.202 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

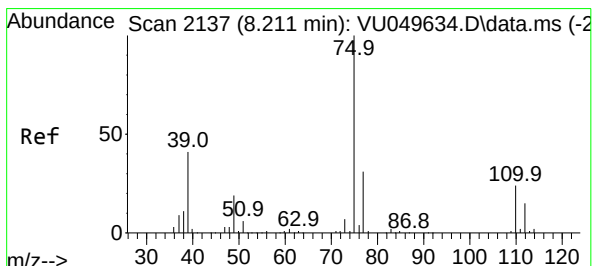
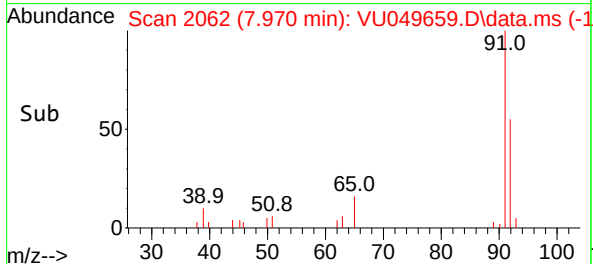
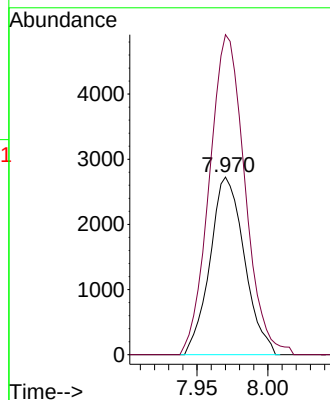
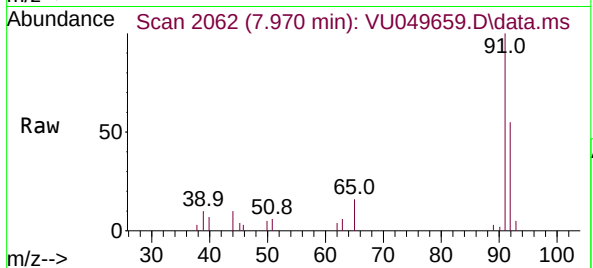
MDL-WATER-03-QT2-2022

Tgt Ion: 92 Resp: 4604

Ion Ratio Lower Upper

92 100

91 185.9 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.225 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU049659.D

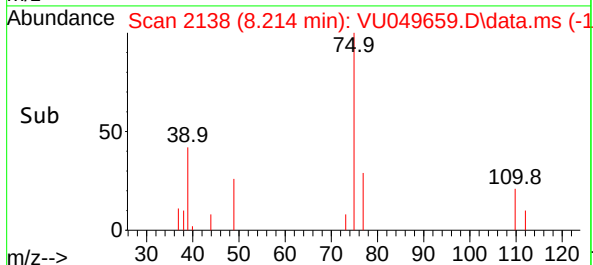
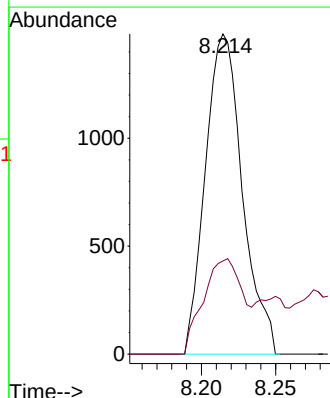
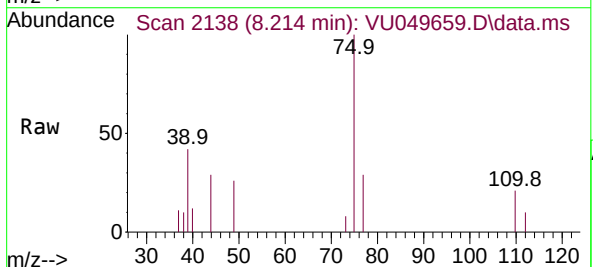
Acq: 08 Jul 2022 16:37

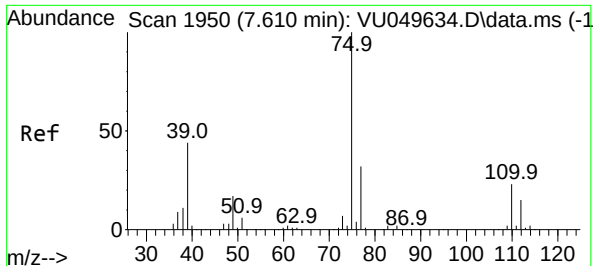
Tgt Ion: 75 Resp: 2570

Ion Ratio Lower Upper

75 100

77 29.1 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 0.219 ug/l

RT: 7.613 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

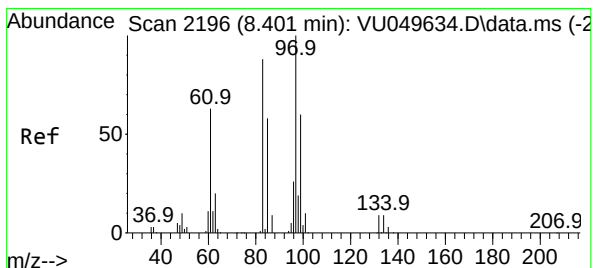
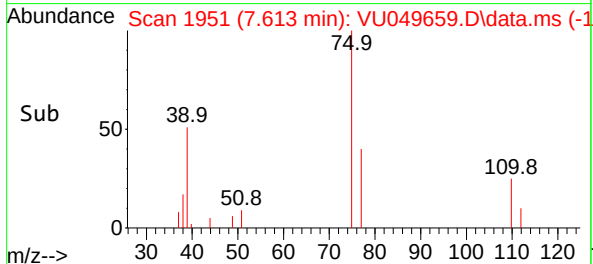
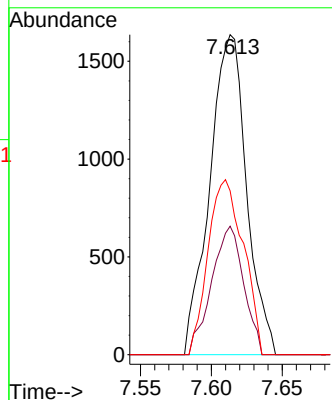
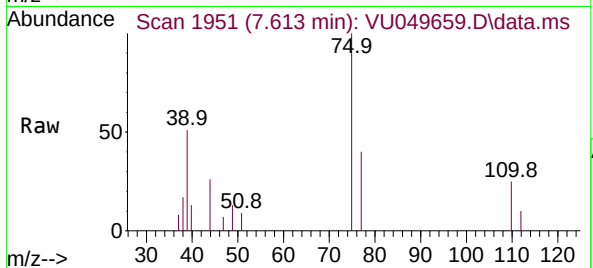
Tgt Ion: 75 Resp: 2960

Ion Ratio Lower Upper

75 100

77 40.2 25.4 38.0#

39 51.2 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 0.249 ug/l

RT: 8.407 min Scan# 2198

Delta R.T. 0.007 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Tgt Ion: 97 Resp: 1696

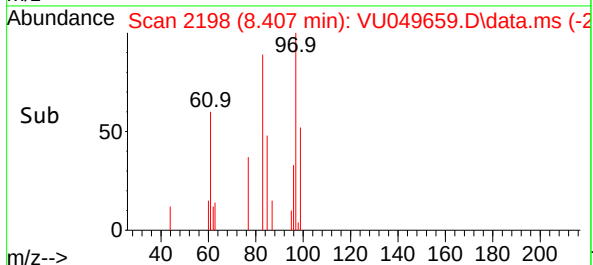
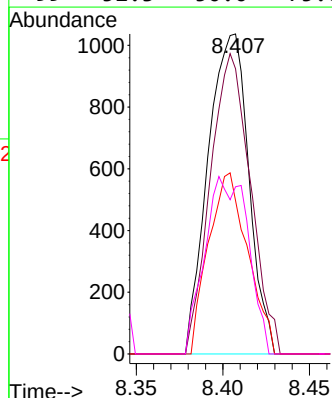
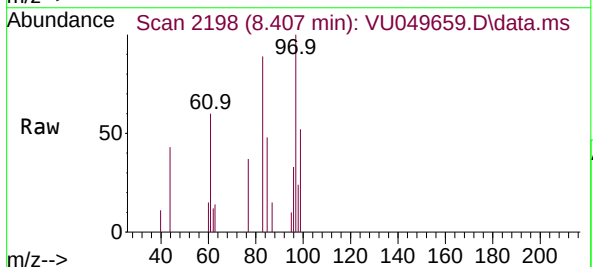
Ion Ratio Lower Upper

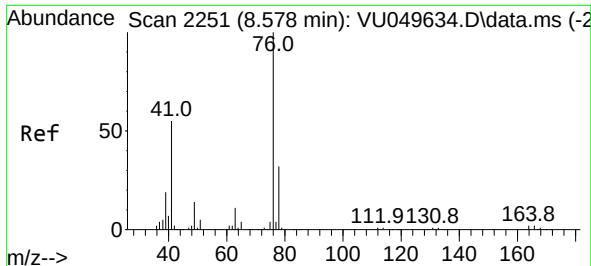
97 100

83 89.1 70.6 106.0

85 47.9 46.2 69.4

99 52.3 50.0 75.0





#53

1,3-Dichloropropane

Concen: 0.252 ug/l

RT: 8.581 min Scan# 2251

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

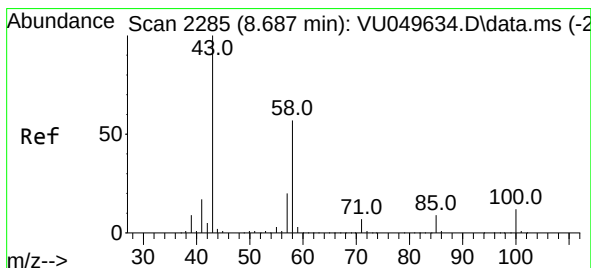
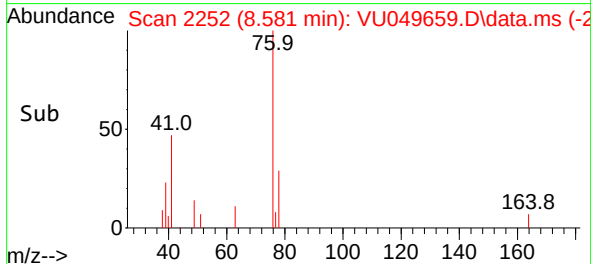
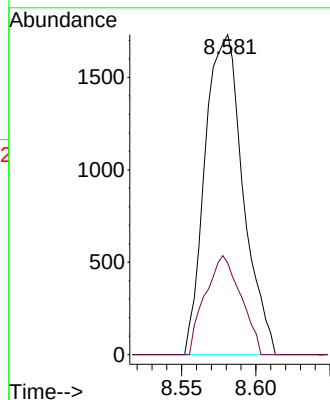
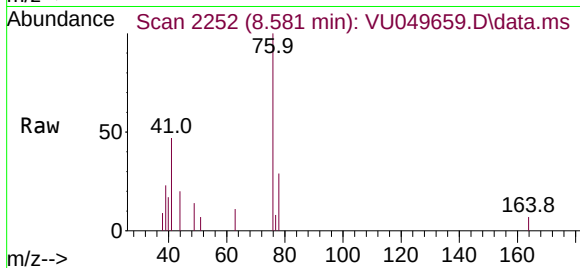
MDL-WATER-03-QT2-2022

Tgt Ion: 76 Resp: 3086

Ion Ratio Lower Upper

76 100

78 29.0 26.0 39.0



#54

2-Hexanone

Concen: 1.220 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

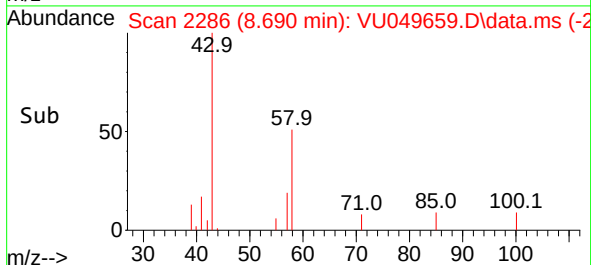
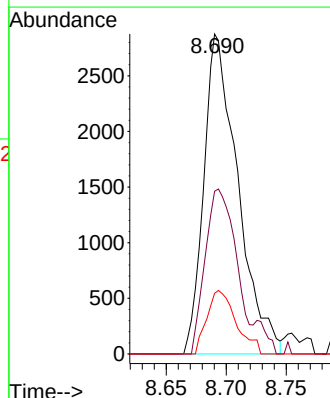
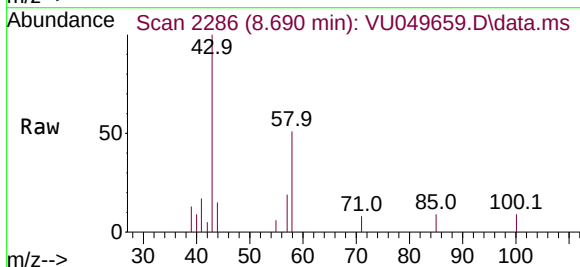
Tgt Ion: 43 Resp: 5677

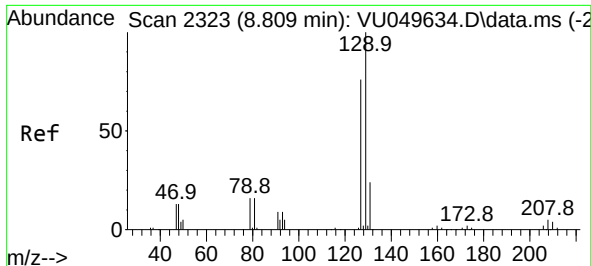
Ion Ratio Lower Upper

43 100

58 47.0 37.1 77.1

57 17.0 0.0 39.5

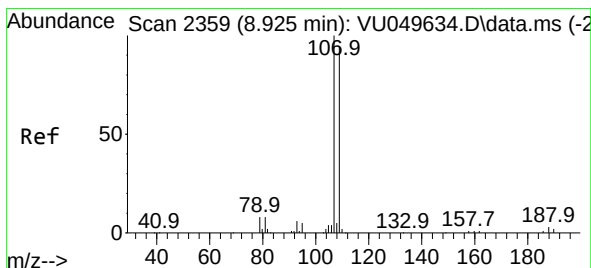
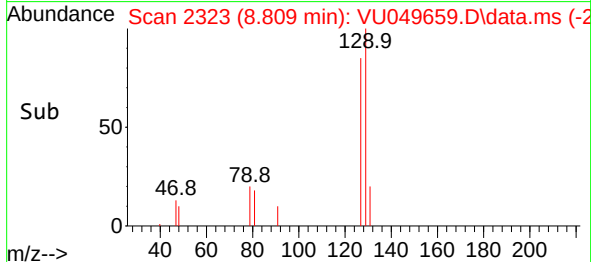
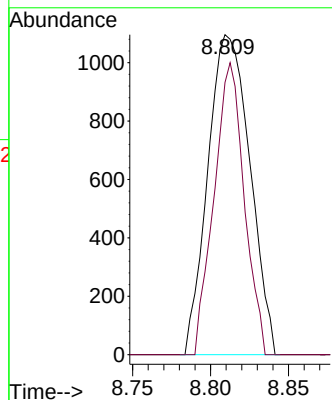
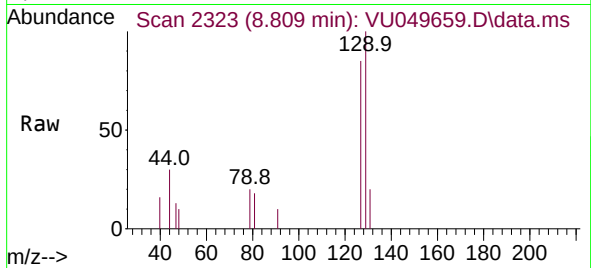




#55
Dibromochloromethane
Concen: 0.264 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

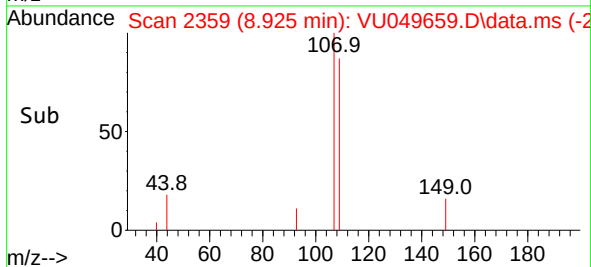
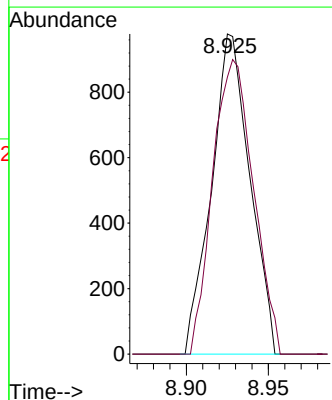
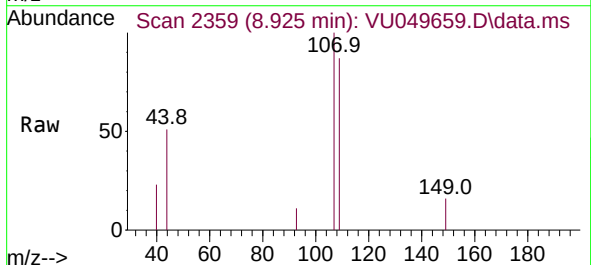
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

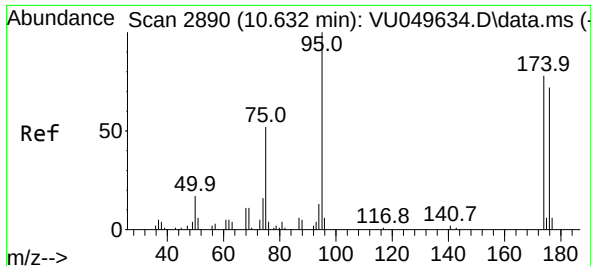
Tgt Ion:129 Resp: 2054
Ion Ratio Lower Upper
129 100
127 65.4 61.2 91.8



#56
1,2-Dibromoethane
Concen: 0.241 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:107 Resp: 1592
Ion Ratio Lower Upper
107 100
109 97.5 0.0 187.2

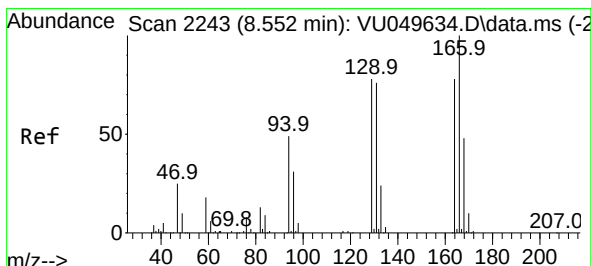
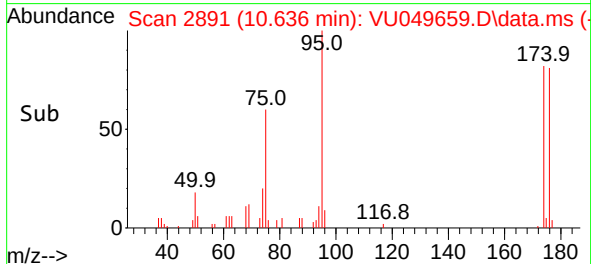
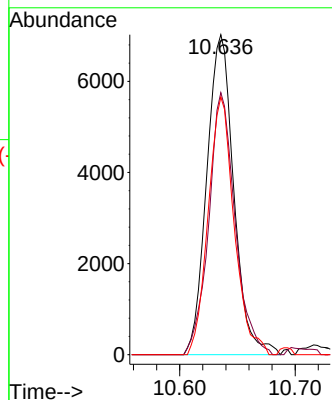
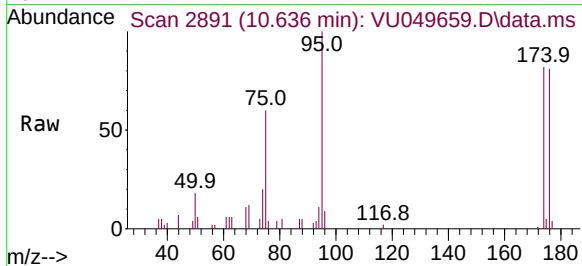




#57
4-Bromofluorobenzene
Concen: 0.906 ug/l
RT: 10.636 min Scan# 21417
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

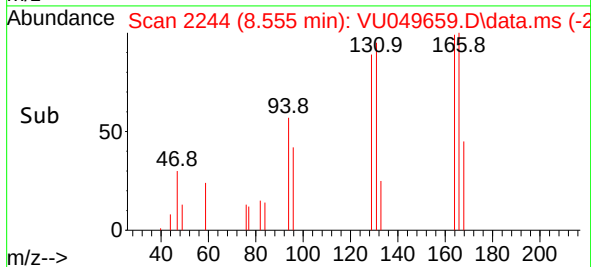
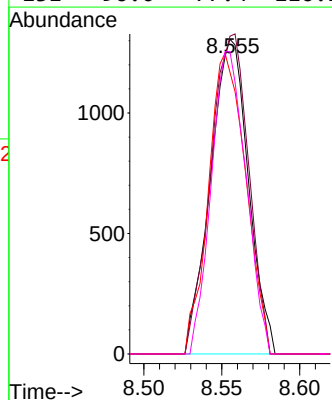
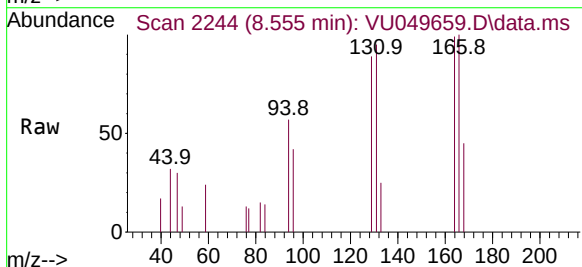
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

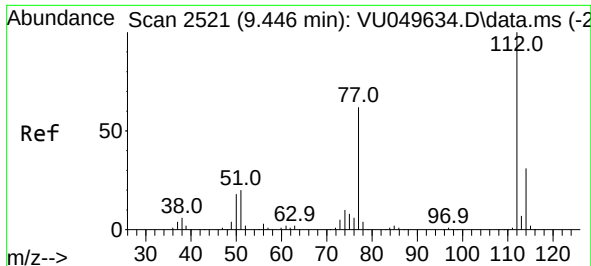
Tgt Ion:	95	Resp:	11417
Ion	Ratio	Lower	Upper
95	100		
174	79.7	62.4	93.6
176	77.2	56.2	84.2



#58
Tetrachloroethene
Concen: 0.282 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:	164	Resp:	2217
Ion	Ratio	Lower	Upper
164	100		
166	101.0	102.4	153.6#
129	89.5	79.5	119.3
131	96.0	77.4	116.2





#59

Chlorobenzene

Concen: 0.247 ug/l

RT: 9.449 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

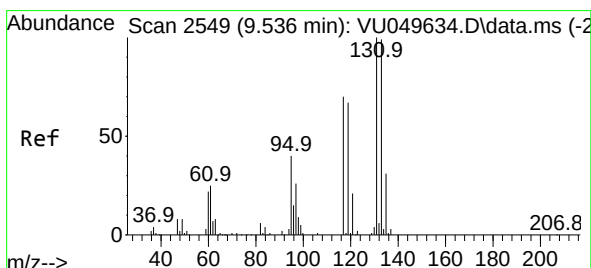
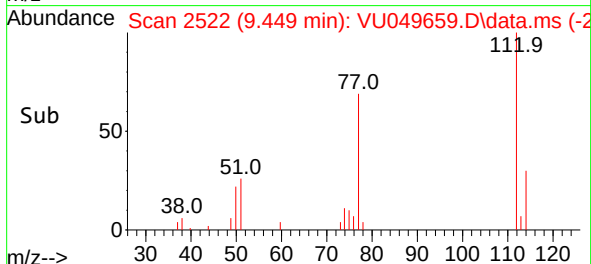
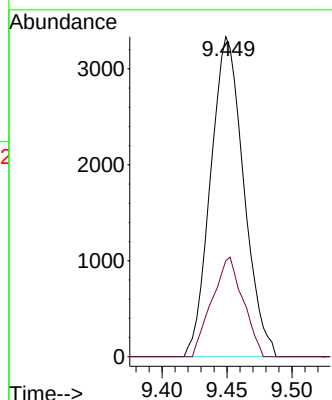
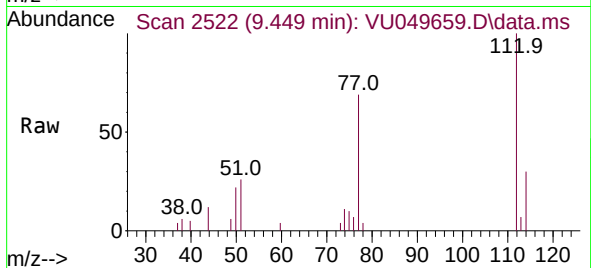
MDL-WATER-03-QT2-2022

Tgt Ion:112 Resp: 5907

Ion Ratio Lower Upper

112 100

114 30.0 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 0.256 ug/l

RT: 9.539 min Scan# 2550

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

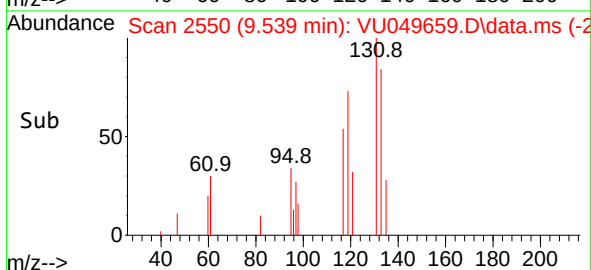
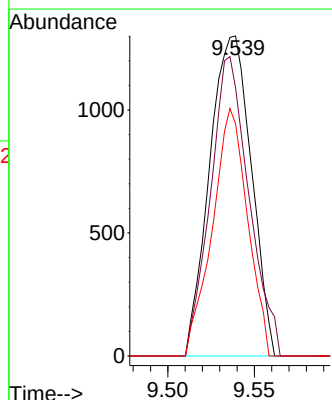
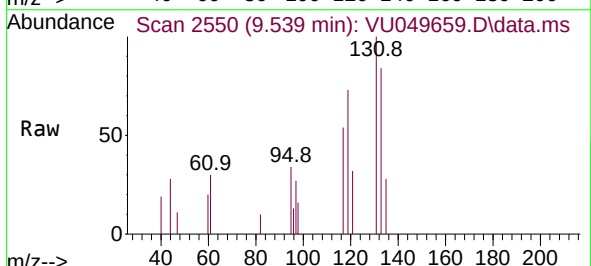
Tgt Ion:131 Resp: 2180

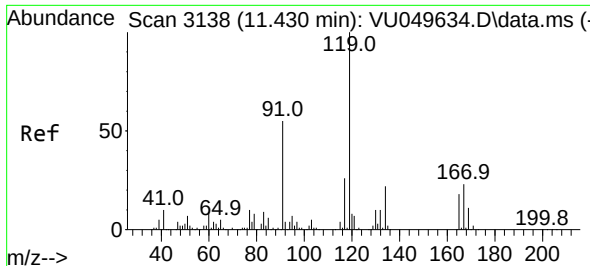
Ion Ratio Lower Upper

131 100

133 86.7 78.3 117.5

119 65.2 53.2 79.8

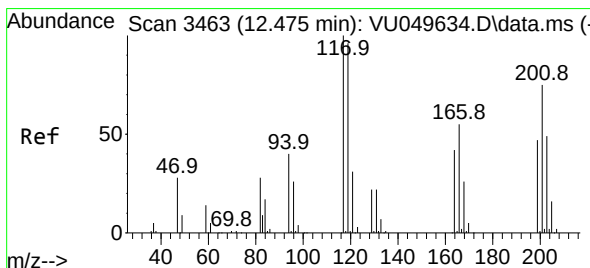
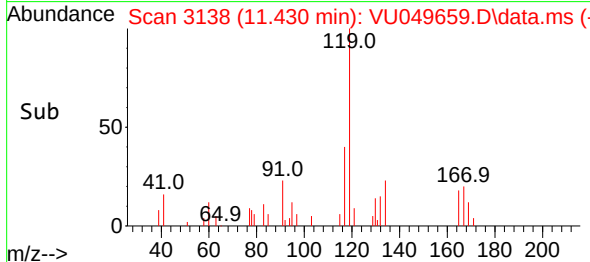
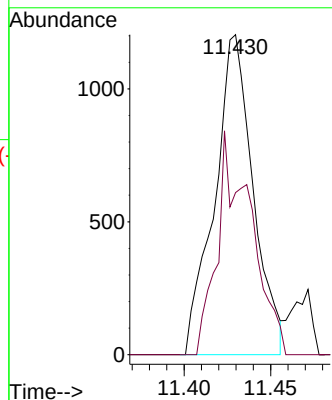
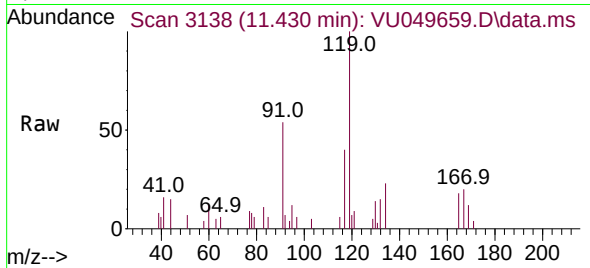




#61
Pentachloroethane
Concen: 0.286 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

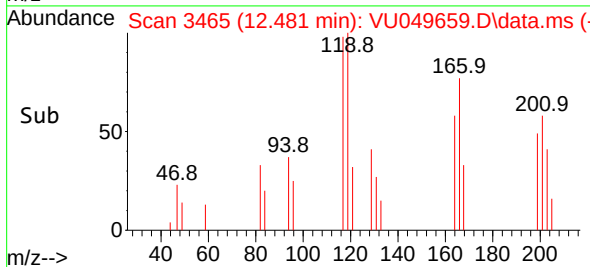
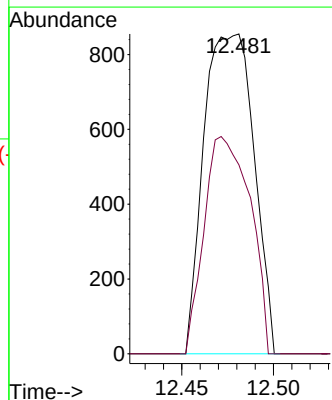
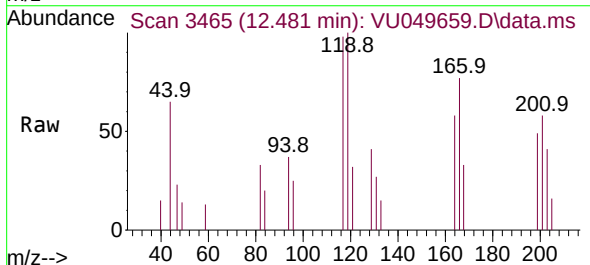
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

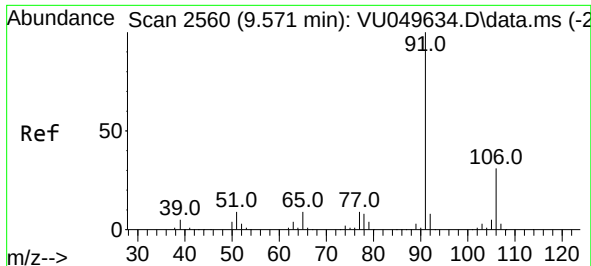
Tgt Ion:117 Resp: 1868
Ion Ratio Lower Upper
117 100
167 31.5 66.2 99.4#



#62
Hexachloroethane
Concen: 0.249 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.007 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:117 Resp: 1626
Ion Ratio Lower Upper
117 100
201 62.4 61.0 91.4





#63

Ethyl Benzene

Concen: 0.204 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

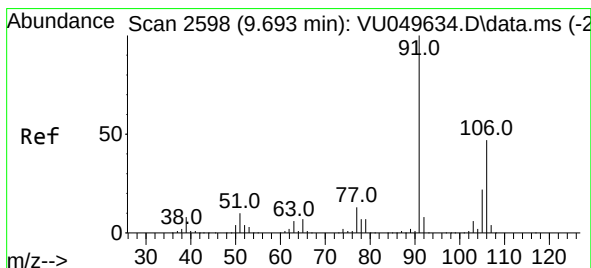
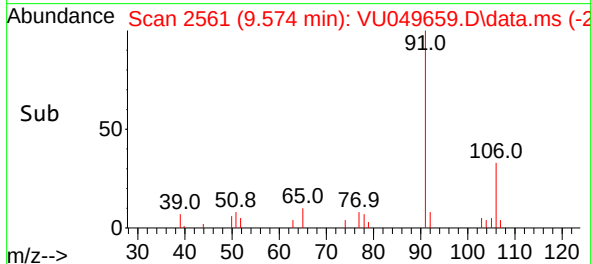
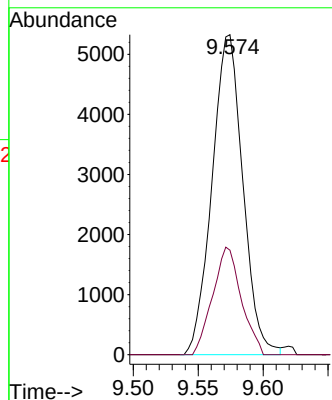
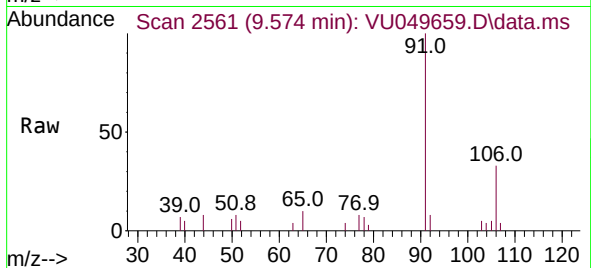
MDL-WATER-03-QT2-2022

Tgt Ion: 91 Resp: 8783

Ion Ratio Lower Upper

91 100

106 32.6 24.4 36.6



#64

m/p-Xylenes

Concen: 0.416 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU049659.D

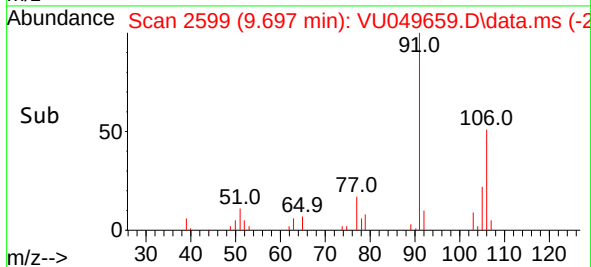
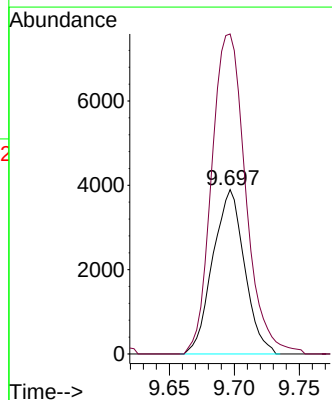
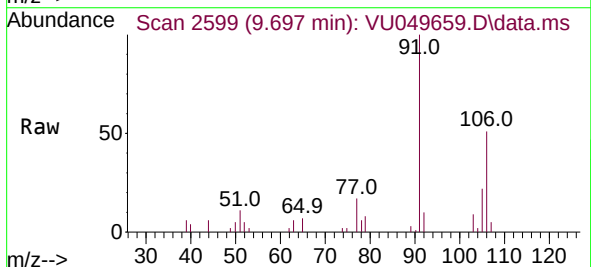
Acq: 08 Jul 2022 16:37

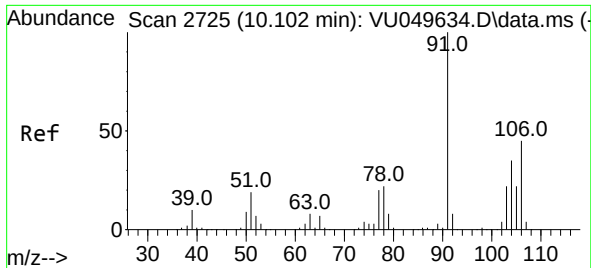
Tgt Ion: 106 Resp: 6618

Ion Ratio Lower Upper

106 100

91 208.3 167.8 251.6

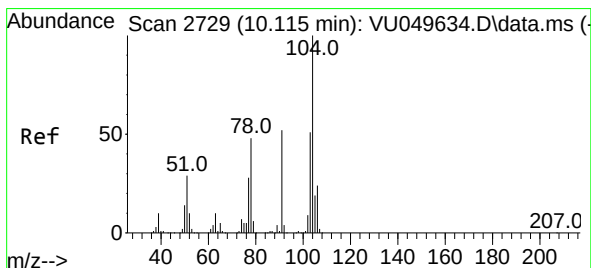
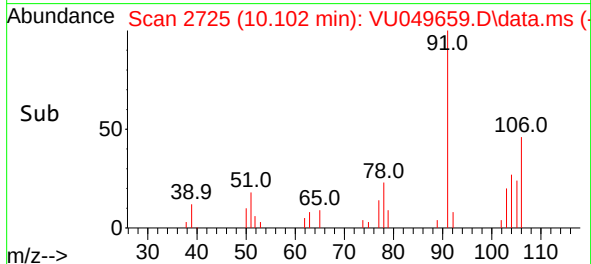
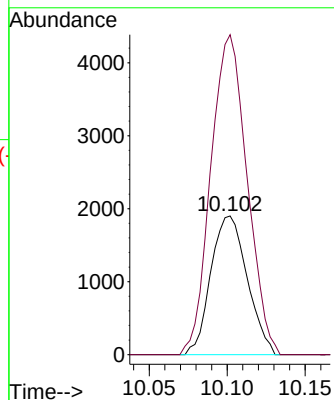
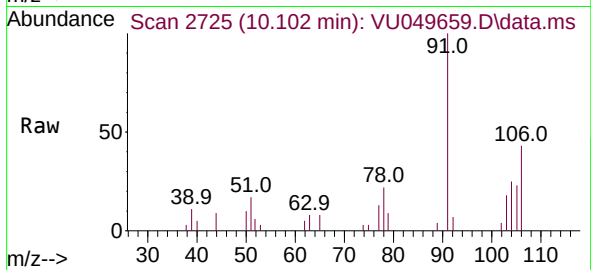




#65
o-Xylene
Concen: 0.197 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

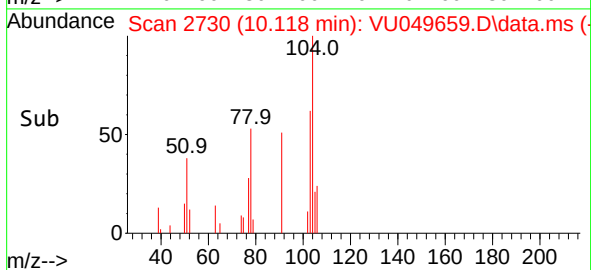
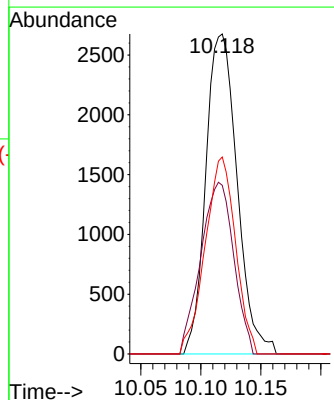
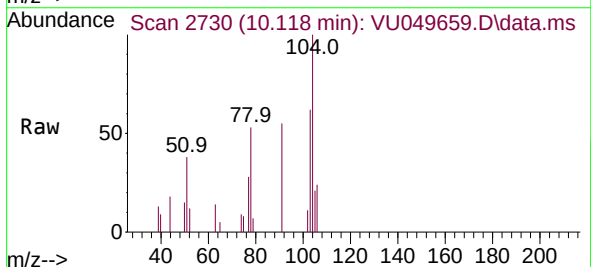
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

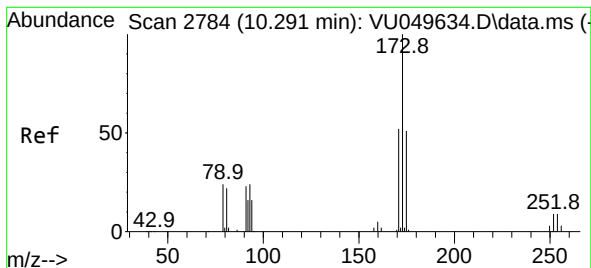
Tgt Ion:106 Resp: 3083
Ion Ratio Lower Upper
106 100
91 230.6 111.1 333.2



#66
Styrene
Concen: 0.193 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:104 Resp: 4854
Ion Ratio Lower Upper
104 100
78 56.5 42.1 63.1
103 59.6 44.5 66.7





#67

Bromoform

Concen: 0.234 ug/l

RT: 10.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

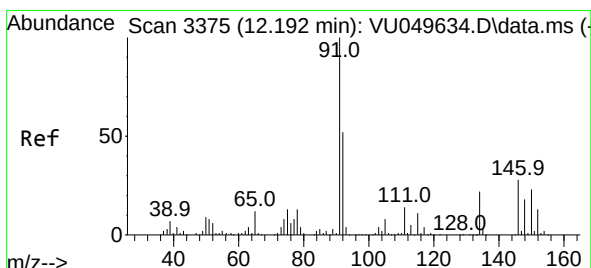
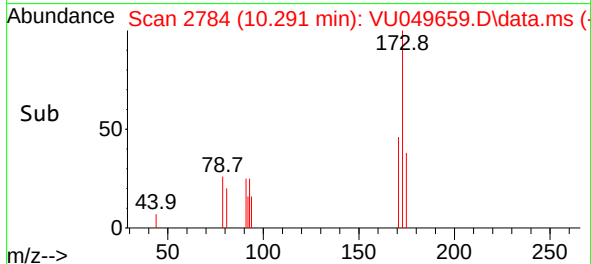
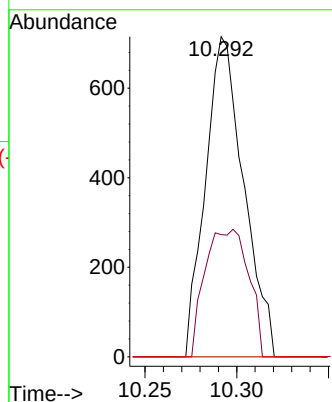
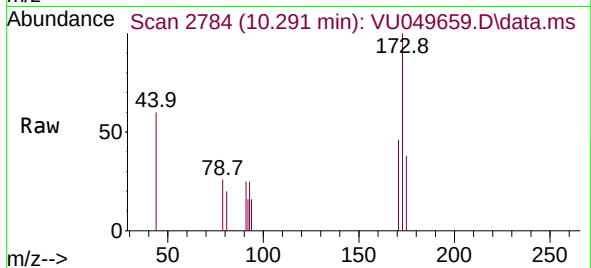
Tgt Ion:173 Resp: 1037

Ion Ratio Lower Upper

173 100

175 45.2 38.4 57.6

254 0.0 7.7 11.5#



#68

1,2-Dichlorobenzene-d4

Concen: 1.025 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

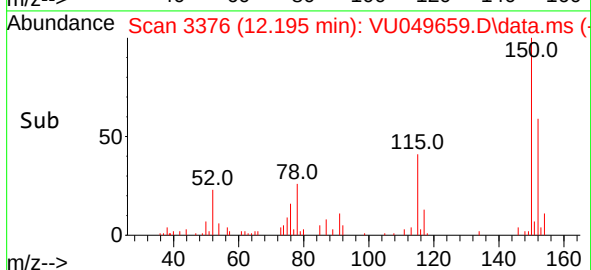
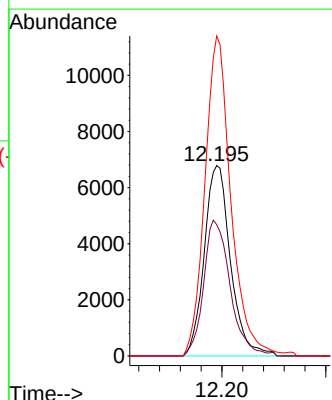
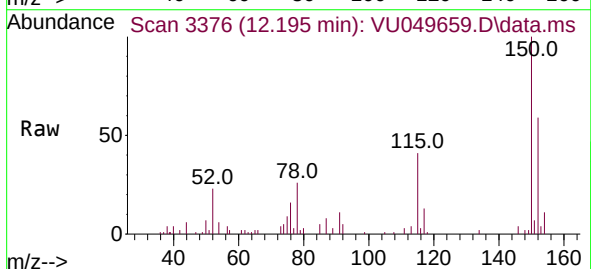
Tgt Ion:152 Resp: 11888

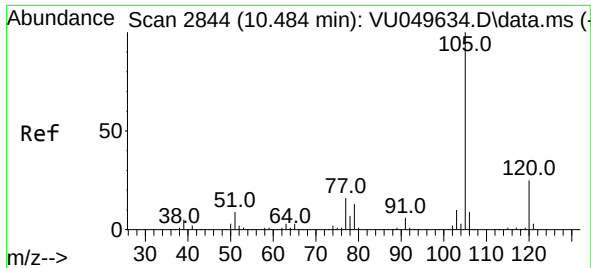
Ion Ratio Lower Upper

152 100

115 72.1 0.0 254.6

150 166.4 0.0 623.6

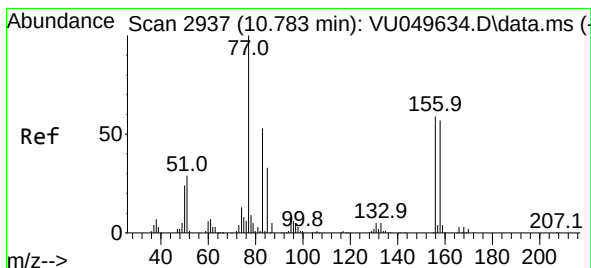
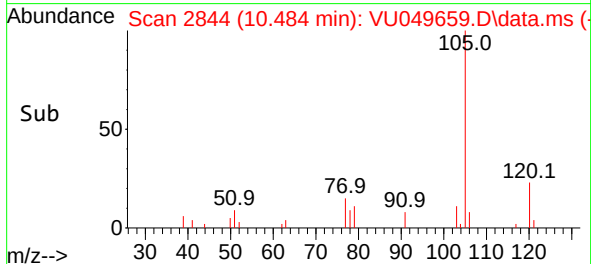
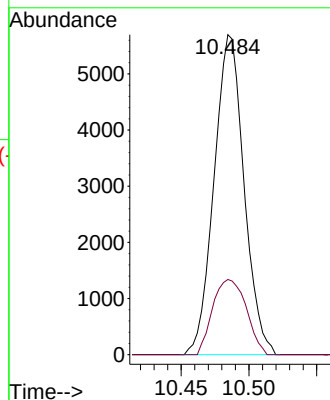
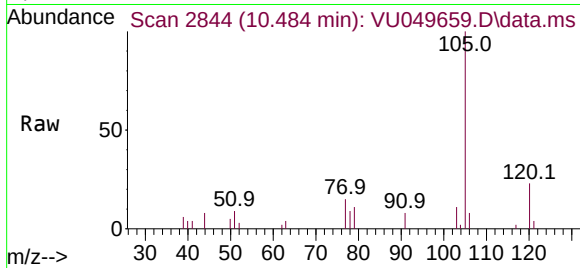




#69
Isopropylbenzene
Concen: 0.210 ug/l
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

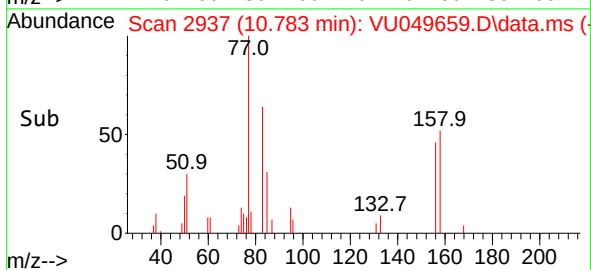
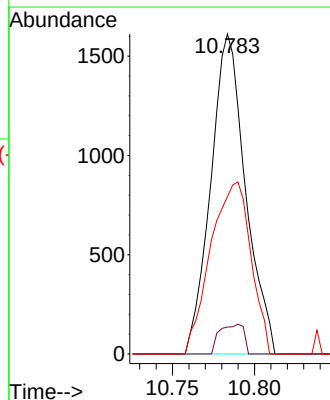
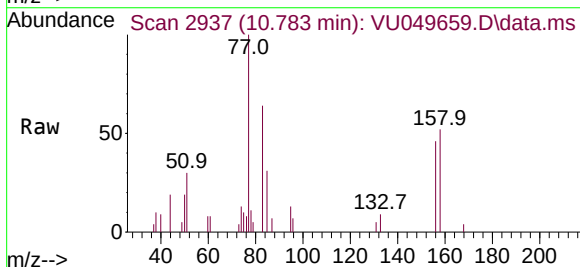
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

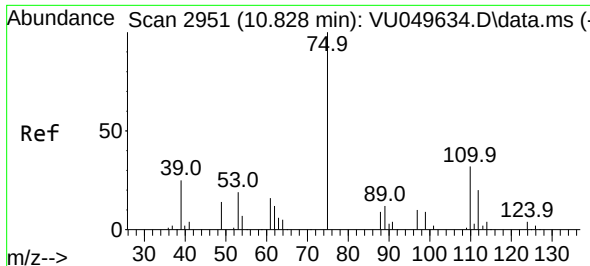
Tgt Ion:105 Resp: 8752
Ion Ratio Lower Upper
105 100
120 26.3 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.268 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion: 83 Resp: 2369
Ion Ratio Lower Upper
83 100
131 6.5 7.7 11.5#
85 62.3 51.2 76.8

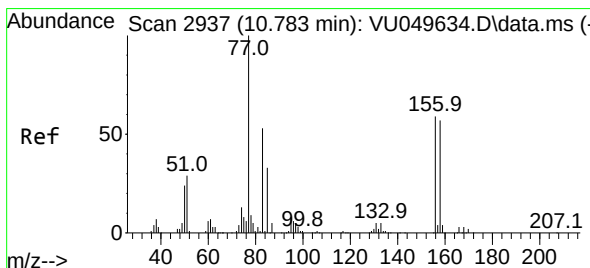
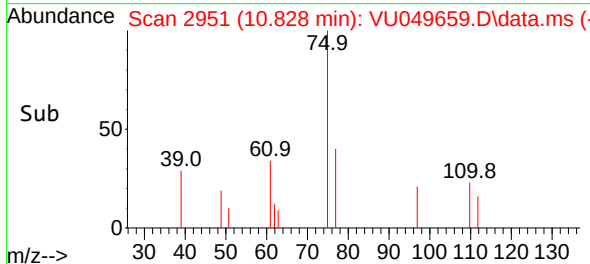
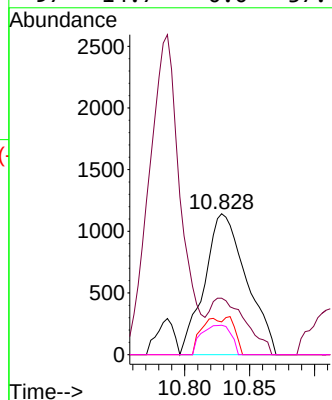
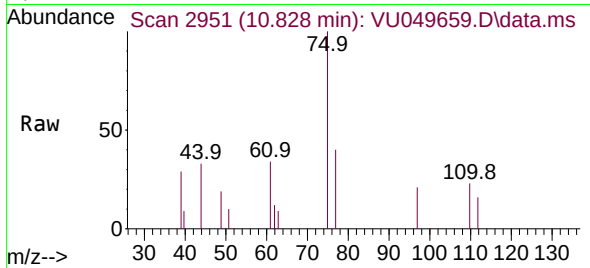




#71
1,2,3-Trichloropropane
Concen: 0.349 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

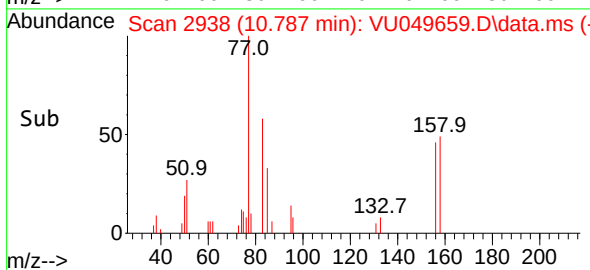
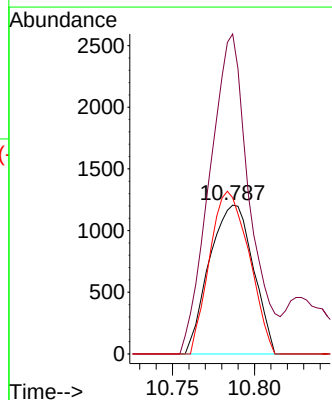
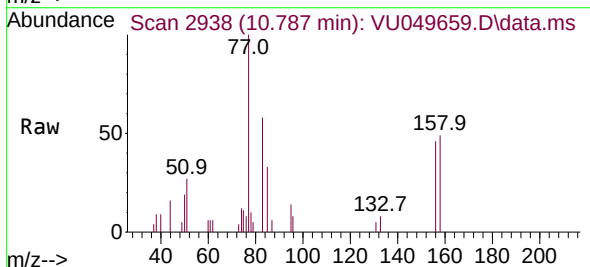
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

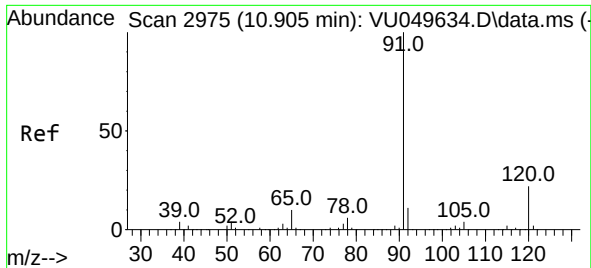
Tgt Ion:	75	Resp:	2558
Ion	Ratio	Lower	Upper
75	100		
77	34.2	0.0	112.4
110	13.1	0.0	70.6
97	14.7	0.0	37.4



#72
Bromobenzene
Concen: 0.237 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:	156	Resp:	2235
Ion	Ratio	Lower	Upper
156	100		
77	196.1	0.0	344.4
158	98.6	0.0	192.2

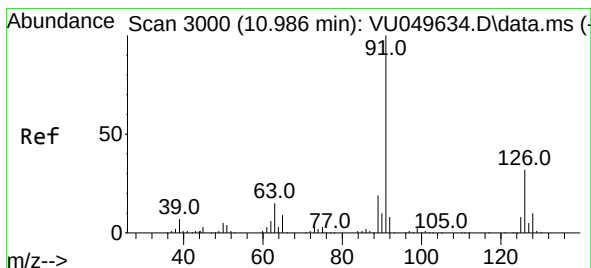
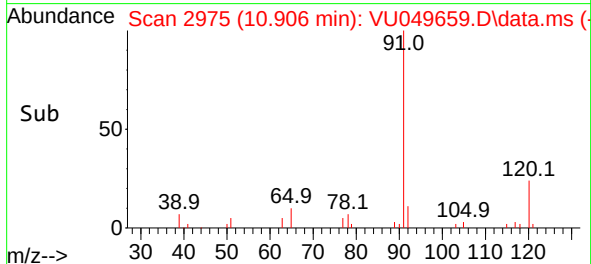
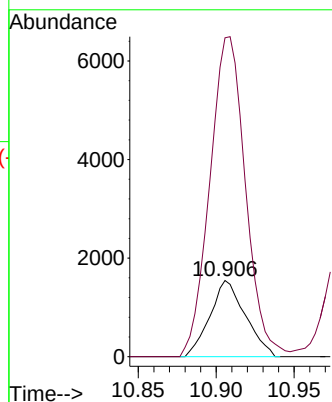
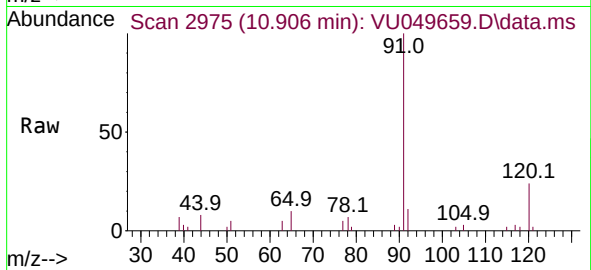




#73
n-propylbenzene
Concen: 0.232 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

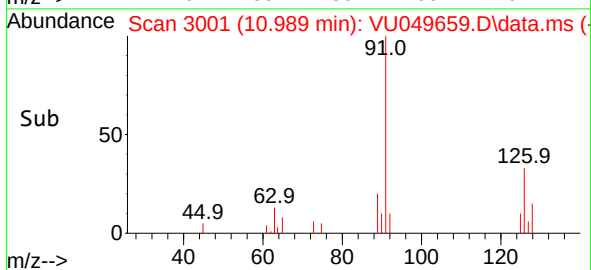
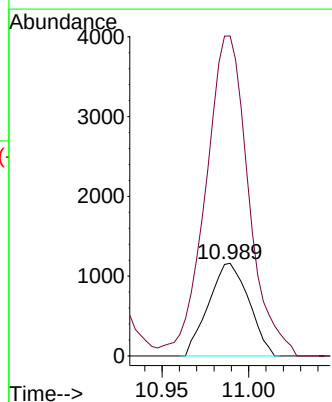
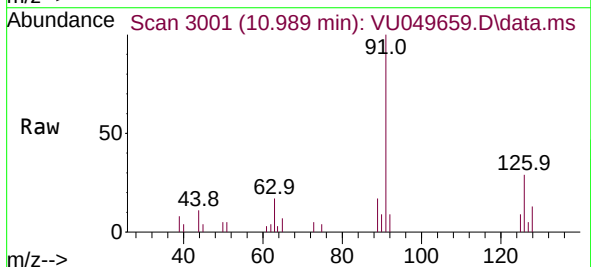
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

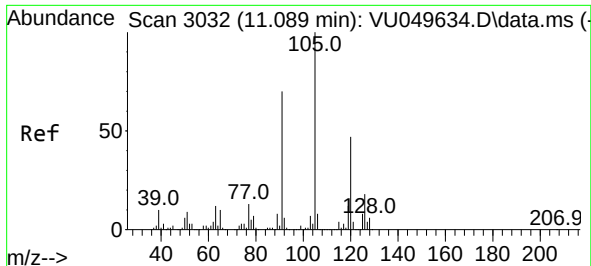
Tgt Ion:120 Resp: 2444
Ion Ratio Lower Upper
120 100
91 423.5 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.199 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:126 Resp: 1875
Ion Ratio Lower Upper
126 100
91 368.4 0.0 620.6

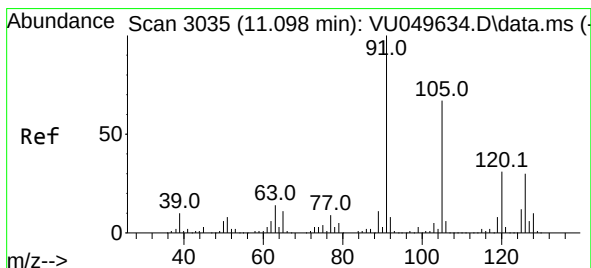
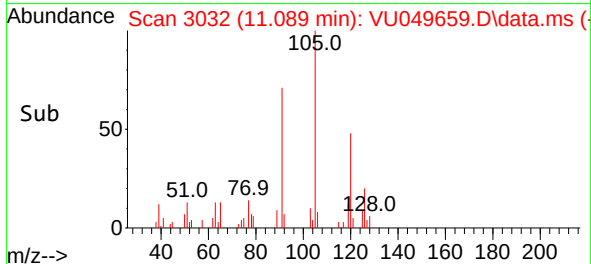
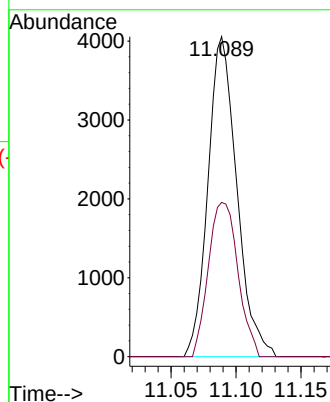
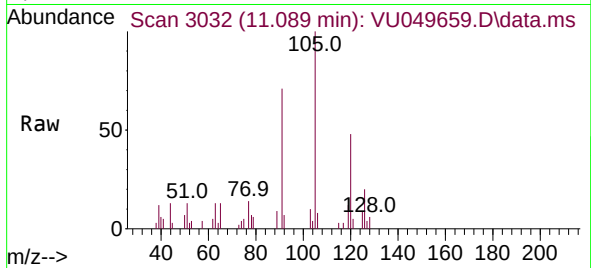




#75
1,3,5-Trimethylbenzene
Concen: 0.179 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

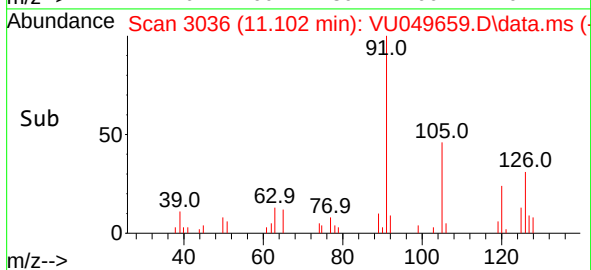
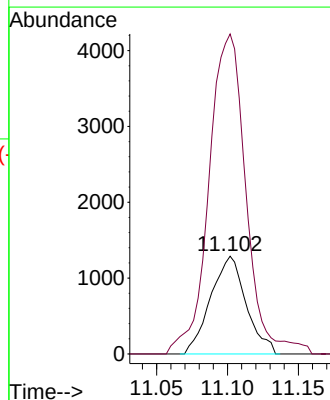
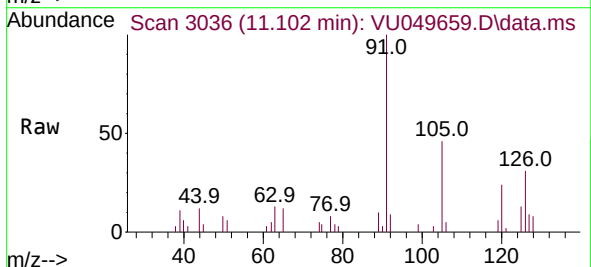
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

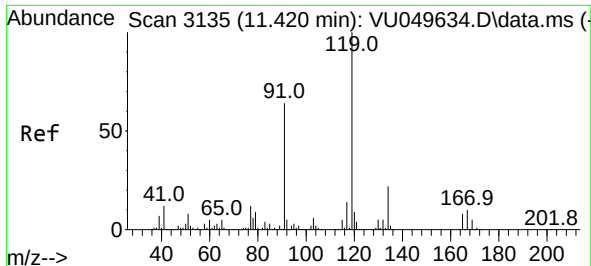
Tgt Ion:105 Resp: 6259
Ion Ratio Lower Upper
105 100
120 49.3 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.238 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:126 Resp: 2247
Ion Ratio Lower Upper
126 100
91 341.5 0.0 738.8

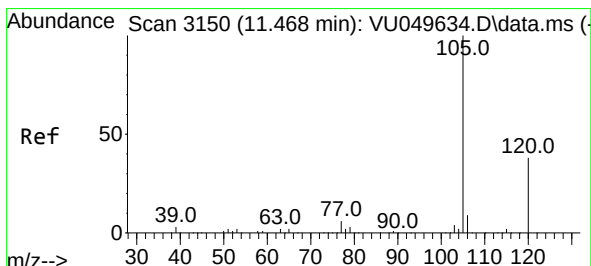
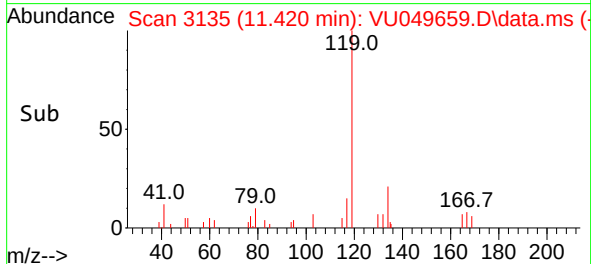
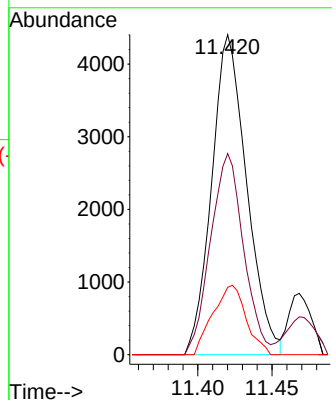
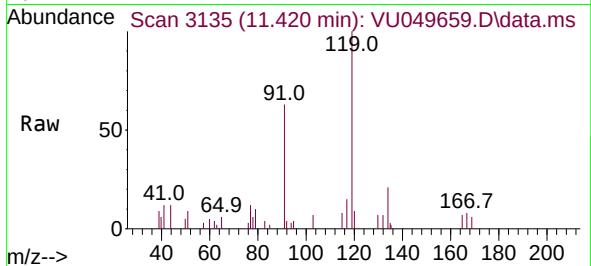




#77
tert-Butylbenzene
Concen: 0.210 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

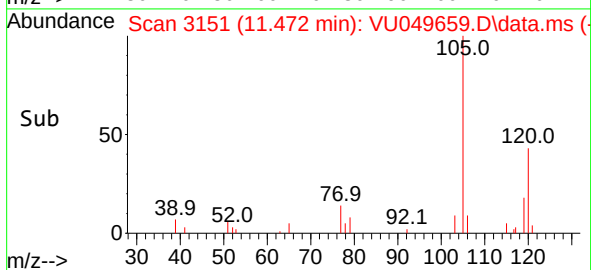
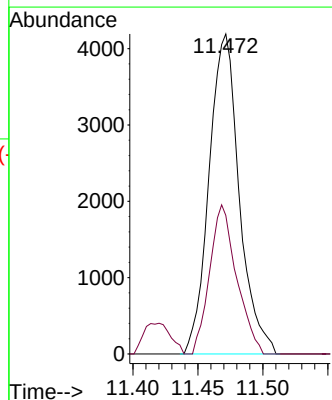
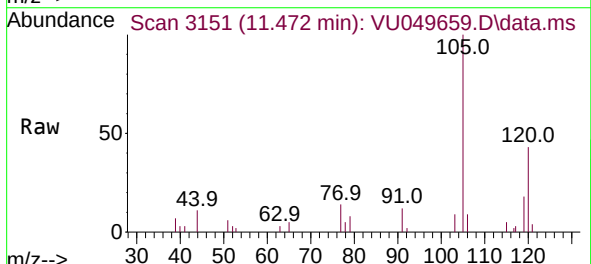
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

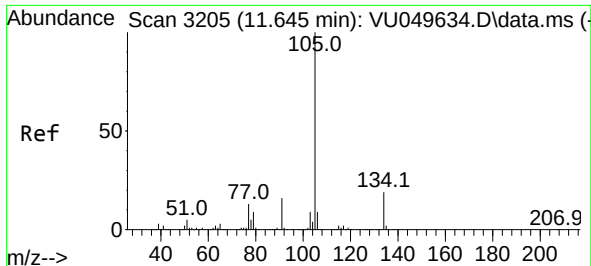
Tgt Ion:	119	Resp:	7232
Ion Ratio	Lower	Upper	
119	100		
91	59.3	30.4	91.3
134	20.6	17.8	26.6



#78
1,2,4-Trimethylbenzene
Concen: 0.193 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:	105	Resp:	6766
Ion Ratio	Lower	Upper	
105	100		
120	41.6	21.6	65.0

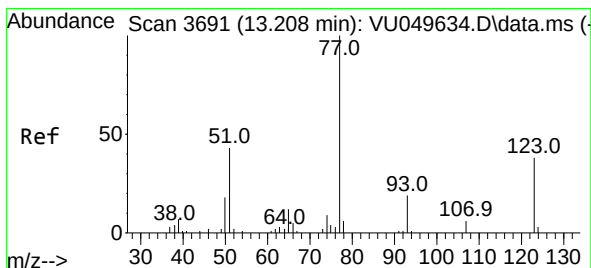
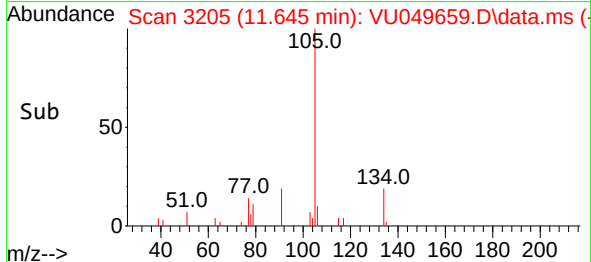
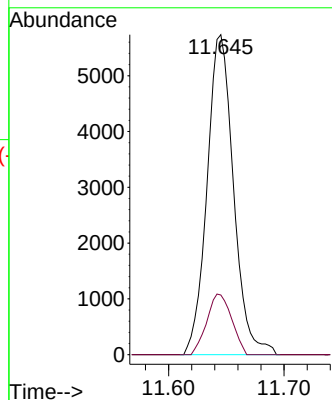
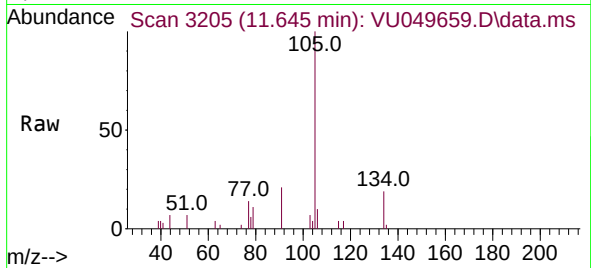




#79
 sec-Butylbenzene
 Concen: 0.203 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

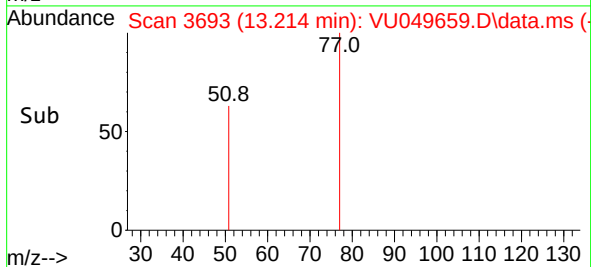
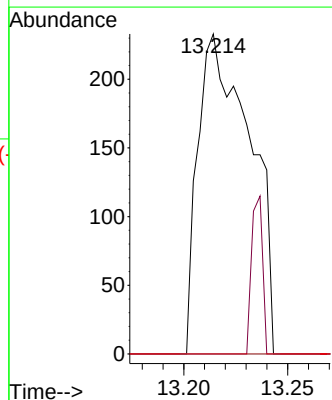
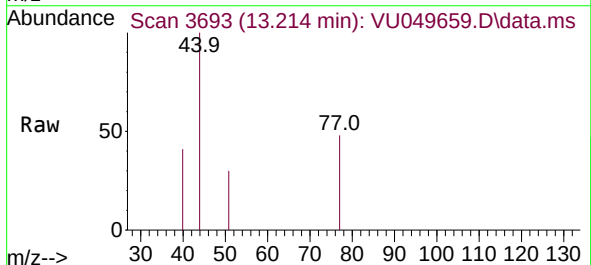
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

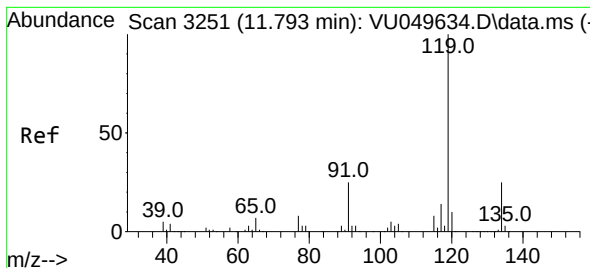
Tgt Ion:105 Resp: 9141
 Ion Ratio Lower Upper
 105 100
 134 17.7 15.4 23.0



#80
 Nitrobenzene
 Concen: 1.119 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.007 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

Tgt Ion: 77 Resp: 405
 Ion Ratio Lower Upper
 77 100
 123 10.4 18.1 64.3#
 65 0.0 10.8 13.8#





#81

p-Isopropyltoluene

Concen: 0.200 ug/l

RT: 11.796 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

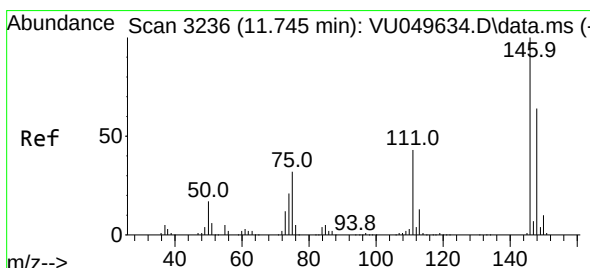
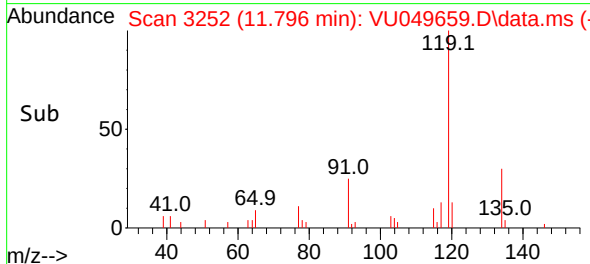
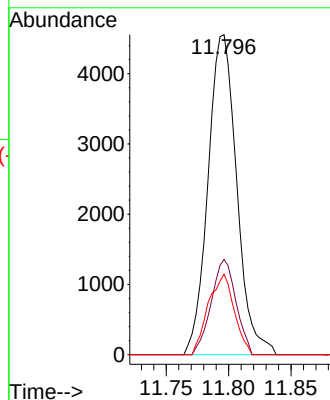
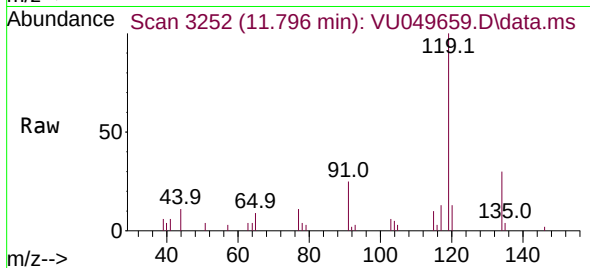
Tgt Ion:119 Resp: 7318

Ion Ratio Lower Upper

119 100

134 25.6 20.5 30.7

91 22.6 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 0.275 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

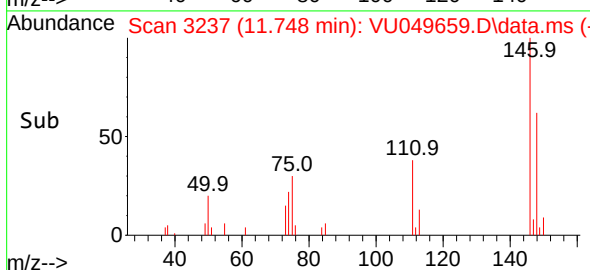
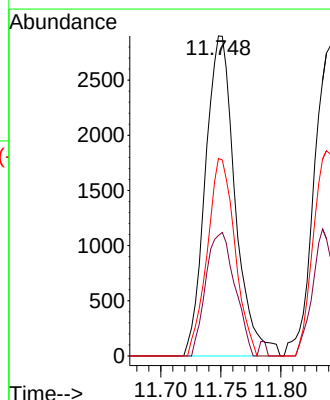
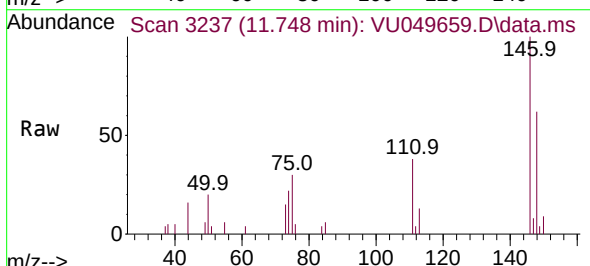
Tgt Ion:146 Resp: 5000

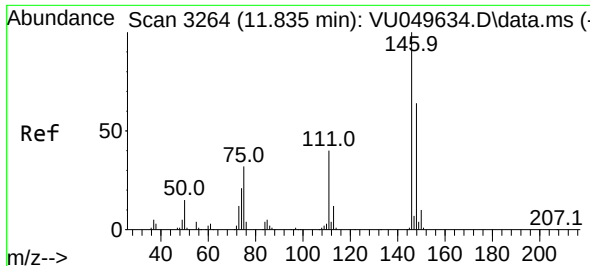
Ion Ratio Lower Upper

146 100

111 37.7 33.4 50.2

148 57.2 51.2 76.8

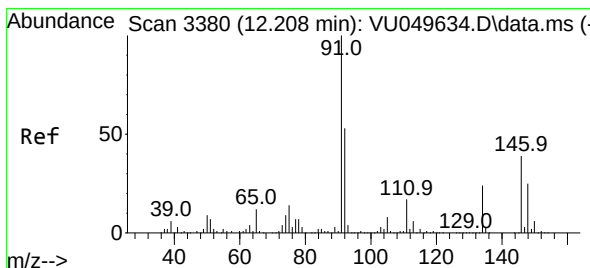
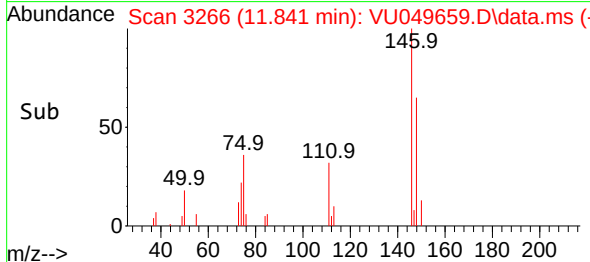
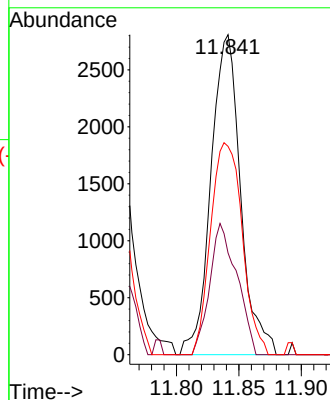
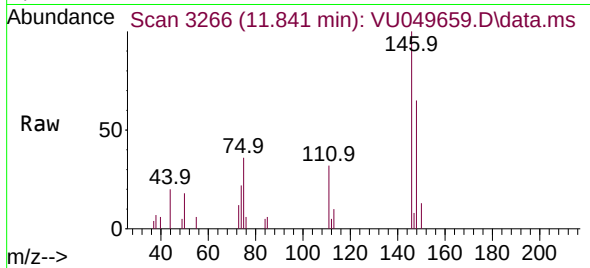




#83
1,4-Dichlorobenzene
Concen: 0.253 ug/l
RT: 11.841 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

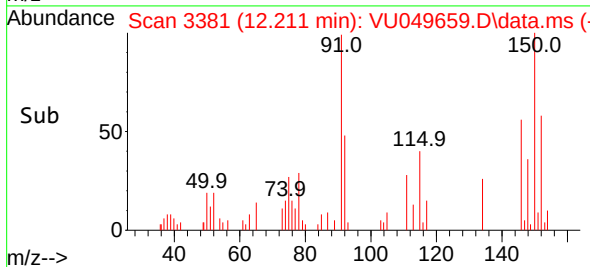
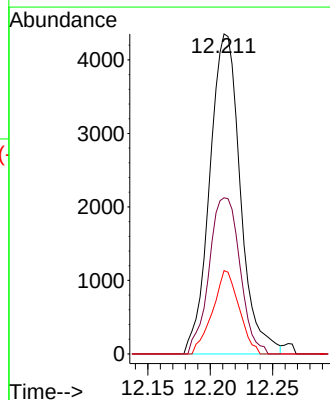
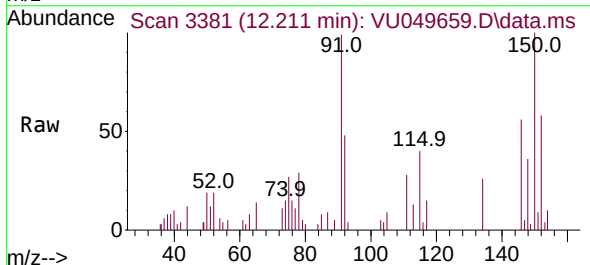
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

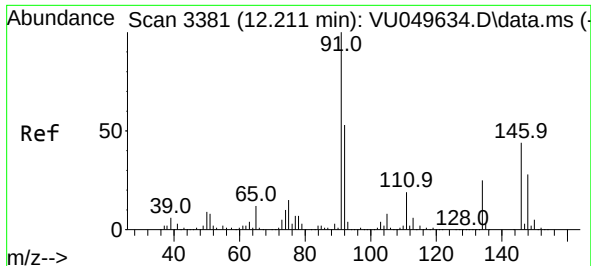
Tgt Ion:	146	Resp:	4642
Ion	Ratio	Lower	Upper
146	100		
111	37.8	32.6	49.0
148	70.8	51.6	77.4



#84
n-Butylbenzene
Concen: 0.218 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:	91	Resp:	7443
Ion	Ratio	Lower	Upper
91	100		
92	49.2	42.3	63.5
134	22.5	19.6	29.4

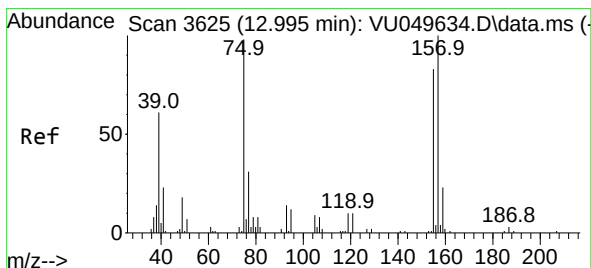
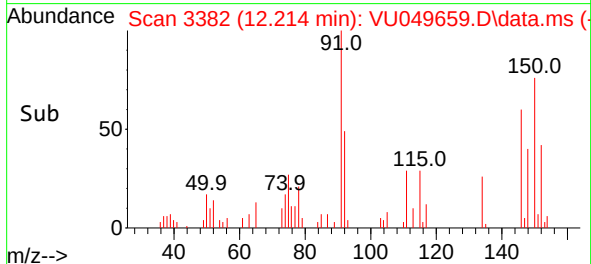
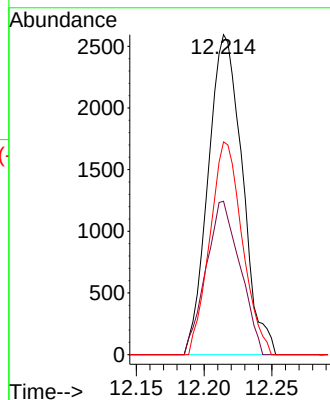
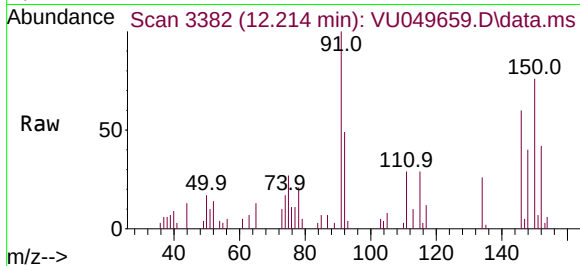




#85
1,2-Dichlorobenzene
Concen: 0.257 ug/l
RT: 12.214 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

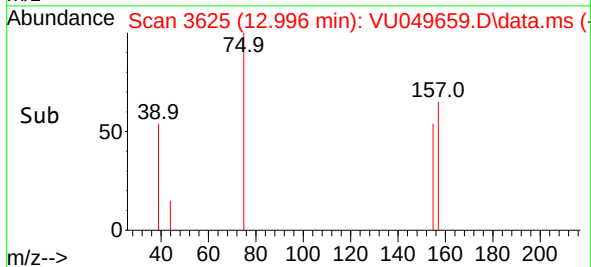
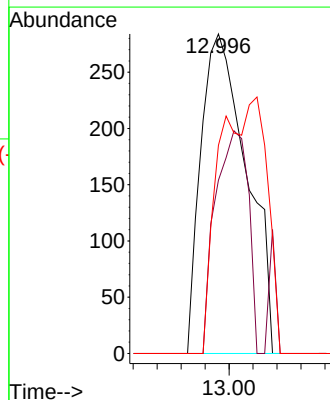
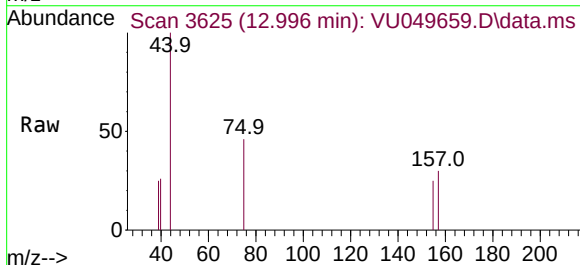
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

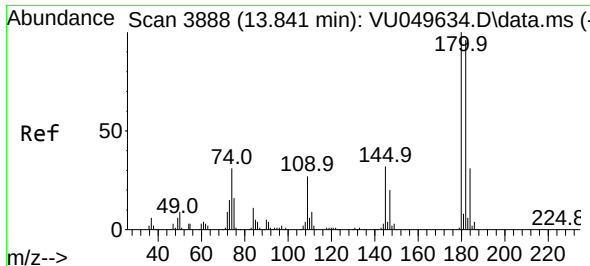
Tgt Ion:146 Resp: 4539
Ion Ratio Lower Upper
146 100
111 47.8 22.1 66.1
148 63.3 32.1 96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.244 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion: 75 Resp: 376
Ion Ratio Lower Upper
75 100
155 50.0 66.8 100.2#
157 0.0 83.8 125.8#

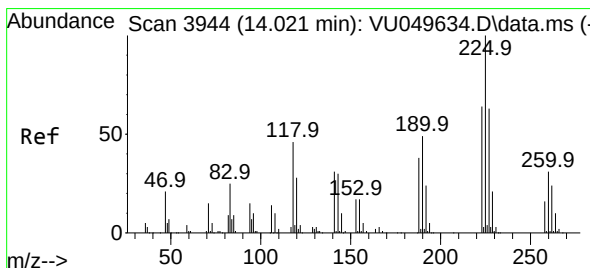
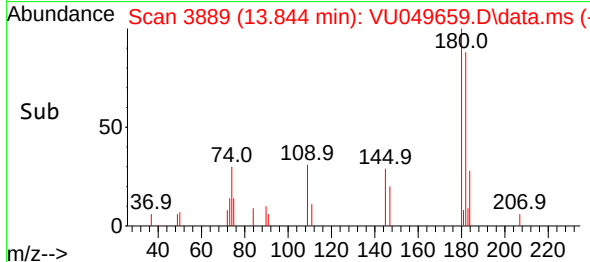
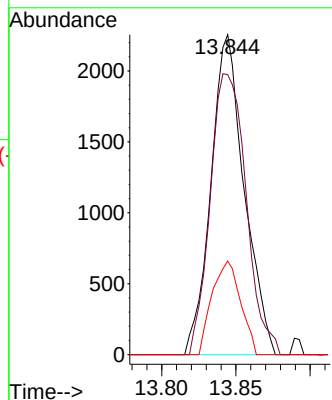
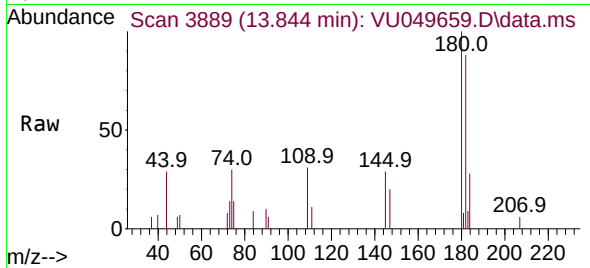




#87
1,2,4-Trichlorobenzene
Concen: 0.296 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

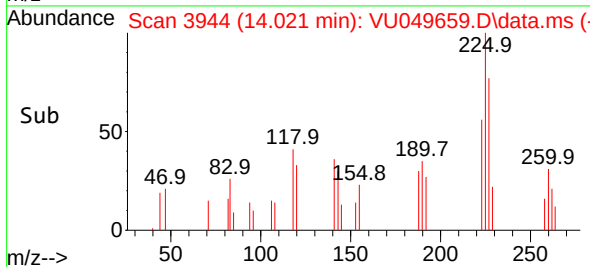
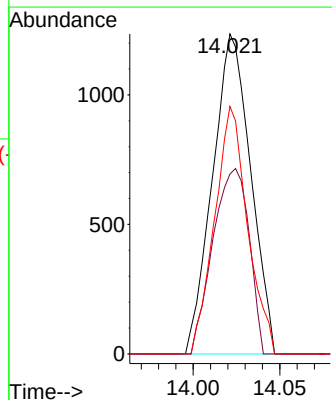
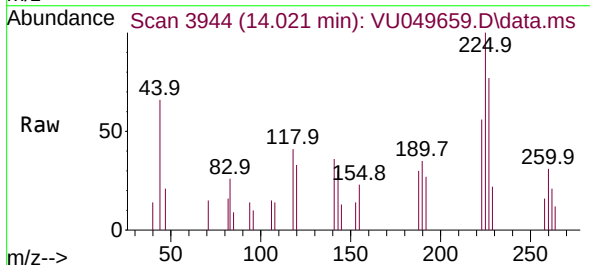
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

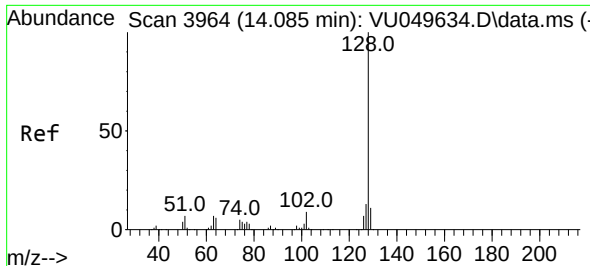
Tgt Ion:180 Resp: 3522
Ion Ratio Lower Upper
180 100
182 94.5 77.0 115.6
145 24.9 25.7 38.5#



#88
Hexachlorobutadiene
Concen: 0.312 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:225 Resp: 1890
Ion Ratio Lower Upper
225 100
223 55.1 50.6 76.0
227 66.8 50.7 76.1





#89

Naphthalene

Concen: 0.323 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.007 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

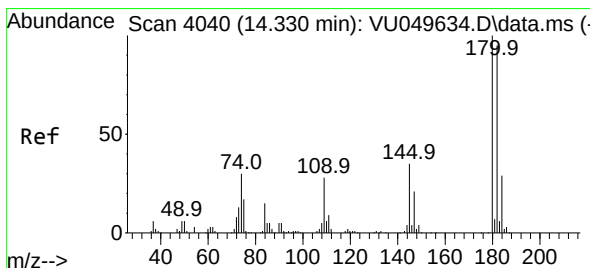
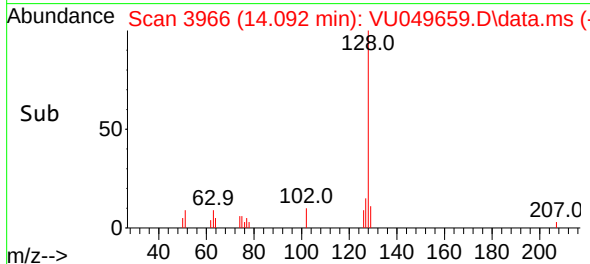
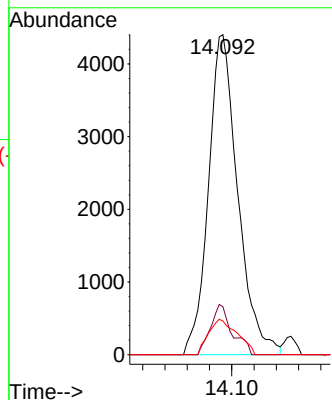
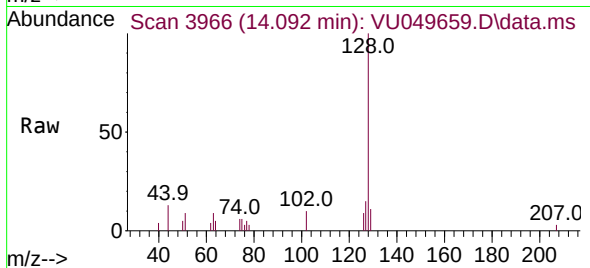
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:128	Resp:	8051
Ion Ratio	Lower	Upper
128	100	
127	11.6	10.1 15.1
129	10.8	8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 0.310 ug/l

RT: 14.333 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Tgt Ion:180	Resp:	3524
Ion Ratio	Lower	Upper
180	100	
182	93.3	76.6 114.8
145	30.4	27.3 40.9

