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 Data File : VU049660.D
 Acq On : 08 Jul 2022 17:05
 Operator : SY/MD
 Sample : N3214-09 0.4ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 09 04:56:03 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	36977	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.633	95	11228	0.829	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	12470	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	3997	0.282	ug/l	94
3) Chloromethane	1.533	50	4867	0.336	ug/l	97
4) Vinyl Chloride	1.601	62	4108	0.311	ug/l	94
5) Bromomethane	1.858	94	2823	0.410	ug/l	# 76
6) Chloroethane	1.932	64	2090	0.283	ug/l	96
7) Trichlorofluoromethane	2.138	101	4891	0.309	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	2439	0.293	ug/l	94
9) 1,1-Dichloroethene	2.581	96	2514	0.300	ug/l	96
10) Iodomethane	2.723	142	1549	0.146	ug/l	97
11) Allyl Chloride	2.922	41	4519	0.316	ug/l	93
12) Acrylonitrile	3.331	53	1317	0.588	ug/l	# 90
13) Acetone	2.649	43	4513	2.552	ug/l	# 84
14) Carbon Disulfide	2.790	76	7888	0.286	ug/l	97
15) Methylene Chloride	3.044	84	9636	0.918	ug/l	98
16) trans-1,2-Dichloroethene	3.347	96	2658	0.302	ug/l	89
17) 1,1-Dichloroethane	3.864	63	5288	0.290	ug/l	# 93
18) 2-Butanone	4.745	43	5042	1.672	ug/l	100
19) Cyclohexane	5.379	56	3906	0.224	ug/l	# 88
20) Methylcyclohexane	6.758	83	3917	0.228	ug/l	97
21) 2,2-Dichloropropane	4.658	77	4230	0.284	ug/l	# 75
22) cis-1,2-Dichloroethene	4.665	96	3159	0.291	ug/l	95
23) Diethyl Ether	2.379	59	2160	0.302	ug/l	# 73
24) tert-Butyl Alcohol	3.179	59	613	0.752	ug/l	# 73
25) Methyl tert-Butyl Ether	3.376	73	7117	0.304	ug/l	# 73
26) Bromochloromethane	4.974	128	1171	0.256	ug/l	84
27) Chloroform	5.093	83	5588	0.312	ug/l	91
28) 1,1,1-Trichloroethane	5.311	97	4826	0.305	ug/l	97
29) 1,1-Dichloropropene	5.520	75	3775	0.268	ug/l	94
30) Carbon Tetrachloride	5.517	117	3774	0.284	ug/l	# 83
31) Isopropyl Ether	4.006	45	9614	0.308	ug/l	92
32) Ethyl-t-butyl ether	4.514	59	7829	0.265	ug/l	96
33) Tert-Amyl methyl ether	5.951	73	6651	0.259	ug/l	97
34) Propionitrile	4.806	54	542	0.627	ug/l	# 62
35) Benzene	5.777	78	11476	0.285	ug/l	96
36) 1,2-Dichloroethane	5.800	62	3663	0.320	ug/l	# 90
37) Trichloroethene	6.543	130	2846	0.280	ug/l	94
38) 1,2-Dichloropropane	6.793	63	3315	0.311	ug/l	97
39) Methacrylonitrile	4.986	41	973	0.263	ug/l	# 77
40) Methyl acrylate	4.864	55	1543	0.266	ug/l	# 72
41) Tetrahydrofuran	5.086	42	1795	0.820	ug/l	# 66
42) 1-Chlorobutane	5.456	56	5294	0.268	ug/l	87
43) Dibromomethane	6.919	93	1572	0.296	ug/l	94
44) Bromodichloromethane	7.109	83	3653	0.287	ug/l	89

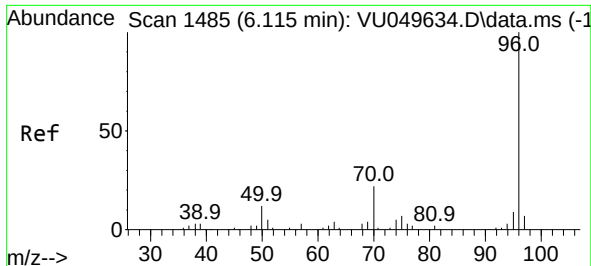
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Quant Time: Jul 09 04:56:03 2022
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Jul 09 04:54:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	10359	1.439	ug/l	94
46) t-1,4-Dichloro-2-butene	10.822	75	3174	1.355	ug/l #	48
47) Methyl methacrylate	6.973	69	2434	0.455	ug/l #	84
48) Ethyl methacrylate	8.340	69	2464	0.230	ug/l	97
49) Toluene	7.970	92	6093	0.248	ug/l	98
50) t-1,3-Dichloropropene	8.215	75	3318	0.270	ug/l #	79
51) cis-1,3-Dichloropropene	7.607	75	3545	0.244	ug/l #	92
52) 1,1,2-Trichloroethane	8.401	97	2041	0.279	ug/l	93
53) 1,3-Dichloropropane	8.578	76	3956	0.301	ug/l	96
54) 2-Hexanone	8.697	43	7270	1.454	ug/l	95
55) Dibromochloromethane	8.816	129	2379	0.285	ug/l	92
56) 1,2-Dibromoethane	8.925	107	2026	0.286	ug/l	98
58) Tetrachloroethene	8.555	164	2430	0.288	ug/l	92
59) Chlorobenzene	9.449	112	6984	0.272	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.539	131	2599	0.284	ug/l	99
61) Pentachloroethane	11.430	117	1935	0.276	ug/l	96
62) Hexachloroethane	12.475	117	1789	0.255	ug/l	95
63) Ethyl Benzene	9.571	91	11300	0.244	ug/l	99
64) m/p-Xylenes	9.694	106	8246	0.482	ug/l	99
65) o-Xylene	10.102	106	3804	0.226	ug/l	88
66) Styrene	10.115	104	6044	0.224	ug/l	99
67) Bromoform	10.295	173	1362	0.285	ug/l #	95
69) Isopropylbenzene	10.481	105	10517	0.234	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.784	83	2759	0.290	ug/l	96
71) 1,2,3-Trichloropropane	10.822	75	3174	0.403	ug/l	60
72) Bromobenzene	10.784	156	2873	0.284	ug/l	92
73) n-propylbenzene	10.906	120	2518	0.222	ug/l	87
74) 2-Chlorotoluene	10.989	126	2553	0.253	ug/l	89
75) 1,3,5-Trimethylbenzene	11.086	105	8523	0.227	ug/l	100
76) 4-Chlorotoluene	11.099	126	2683	0.265	ug/l	95
77) tert-Butylbenzene	11.420	119	8718	0.236	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	8404	0.223	ug/l	99
79) sec-Butylbenzene	11.642	105	11076	0.229	ug/l	99
80) Nitrobenzene	13.218	77	855	2.198	ug/l #	45
81) p-Isopropyltoluene	11.793	119	8514	0.217	ug/l	96
82) 1,3-Dichlorobenzene	11.748	146	5699	0.291	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	5845	0.296	ug/l	92
84) n-Butylbenzene	12.211	91	9109	0.249	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	5608	0.296	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.002	75	462	0.279	ug/l #	83
87) 1,2,4-Trichlorobenzene	13.848	180	4026	0.315	ug/l	95
88) Hexachlorobutadiene	14.025	225	1850	0.284	ug/l #	83
89) Naphthalene	14.089	128	8708	0.325	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	4093	0.335	ug/l	96

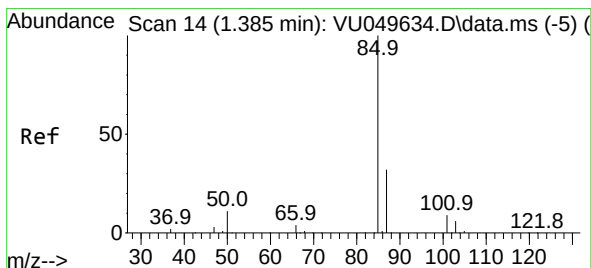
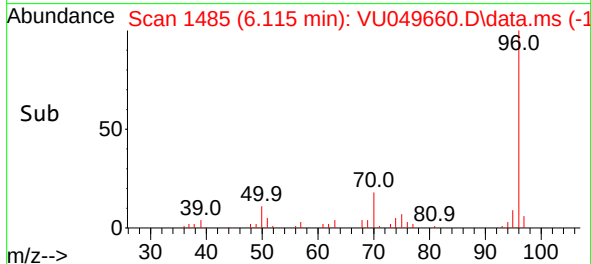
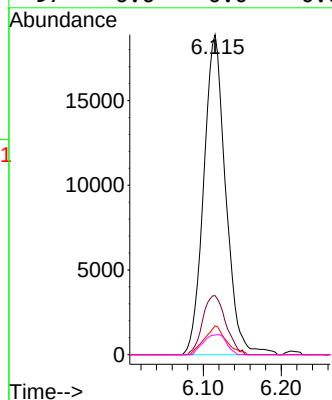
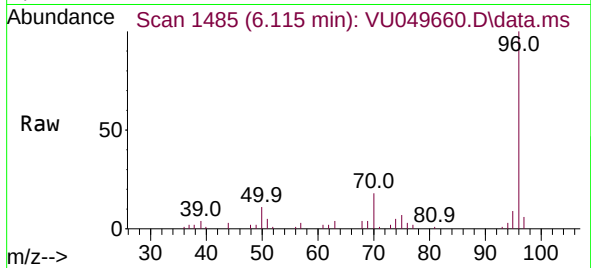
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

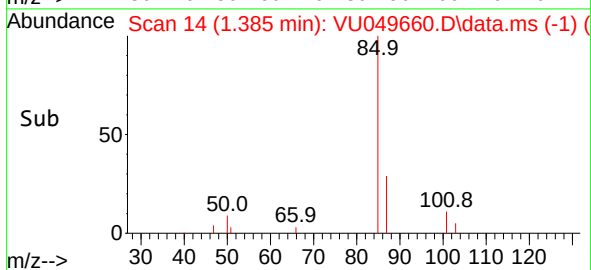
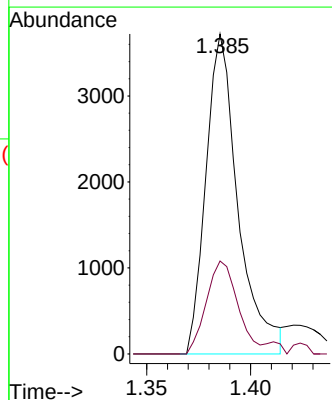
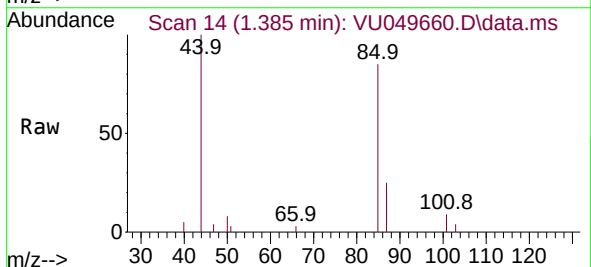
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

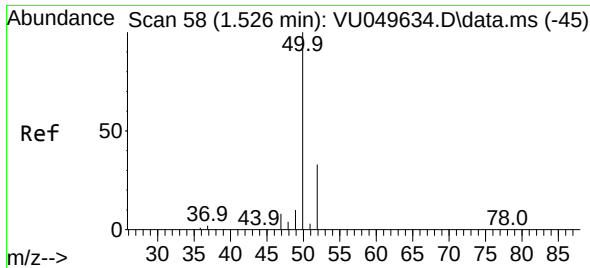
Tgt Ion: 96	Resp: 36977
Ion Ratio	Lower Upper
96 100	
70 19.3	16.7 25.1
95 8.8	7.4 11.0
97 6.6	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.282 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 85	Resp: 3997
Ion Ratio	Lower Upper
85 100	
87 29.0	16.3 48.8

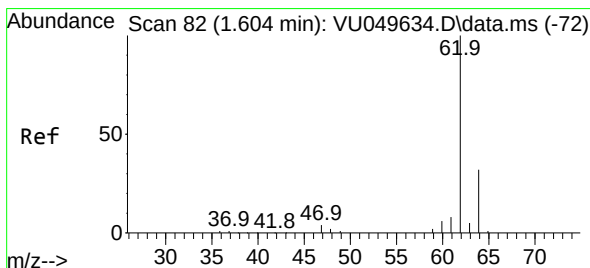
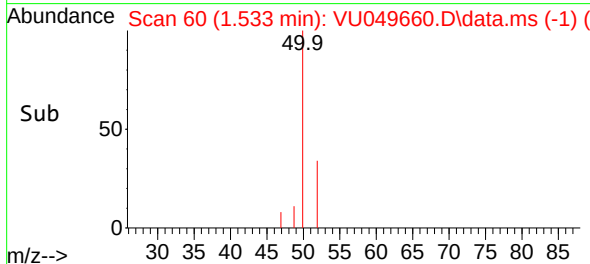
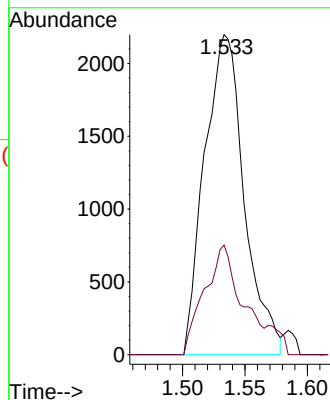
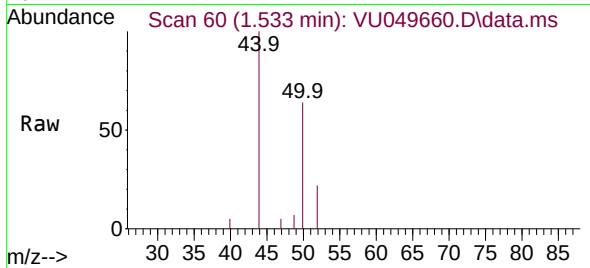




#3
Chloromethane
Concen: 0.336 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

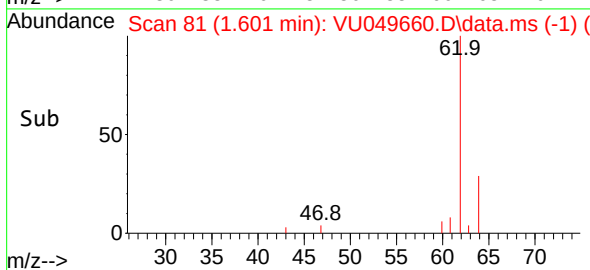
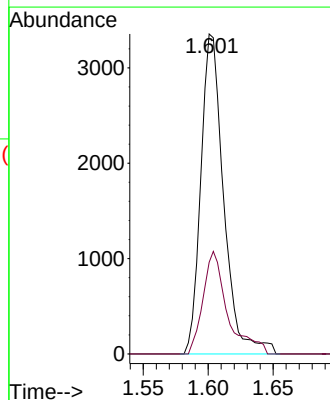
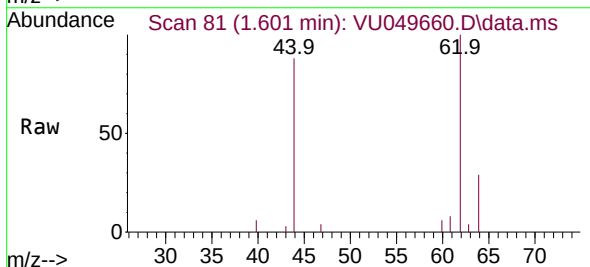
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MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

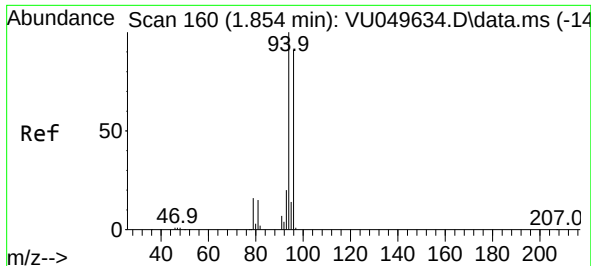
Tgt Ion: 50 Resp: 4867
Ion Ratio Lower Upper
50 100
52 34.3 26.1 39.1



#4
Vinyl Chloride
Concen: 0.311 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 62 Resp: 4108
Ion Ratio Lower Upper
62 100
64 28.7 25.5 38.3

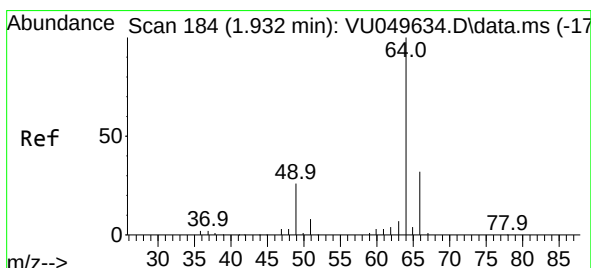
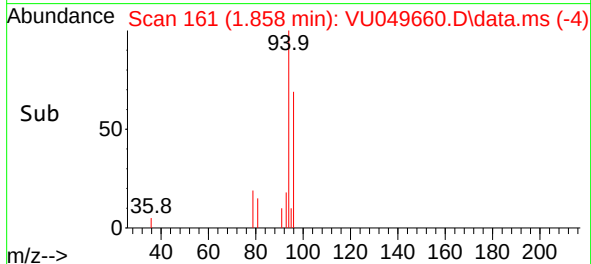
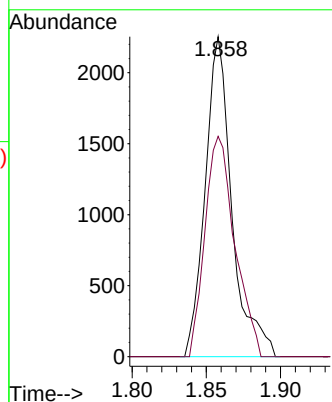
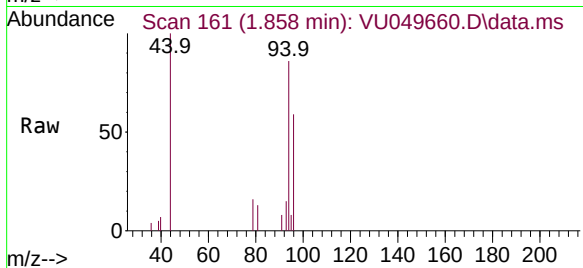




#5
Bromomethane
Concen: 0.410 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

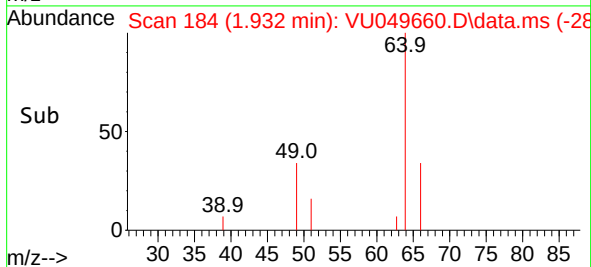
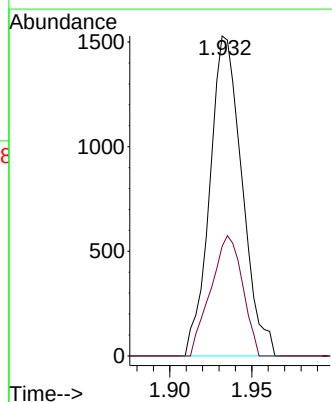
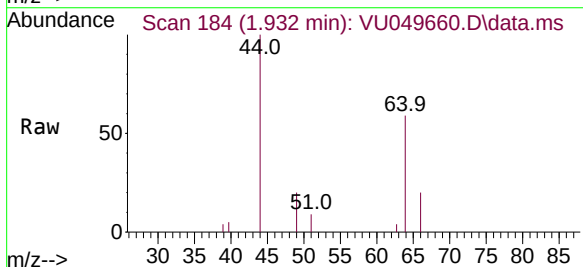
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ClientSampleId :
MDL-WATER-03-QT2-2022

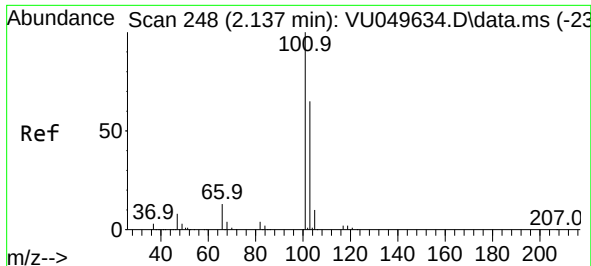
Tgt Ion: 94 Resp: 2823
Ion Ratio Lower Upper
94 100
96 68.9 73.0 109.6#



#6
Chloroethane
Concen: 0.283 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 64 Resp: 2090
Ion Ratio Lower Upper
64 100
66 34.3 25.8 38.6

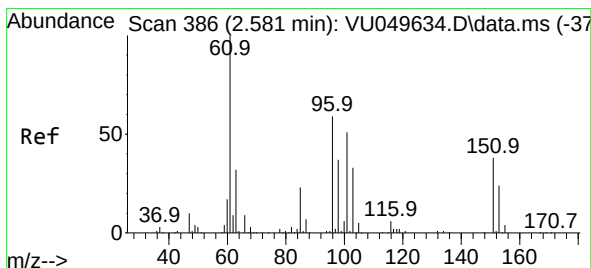
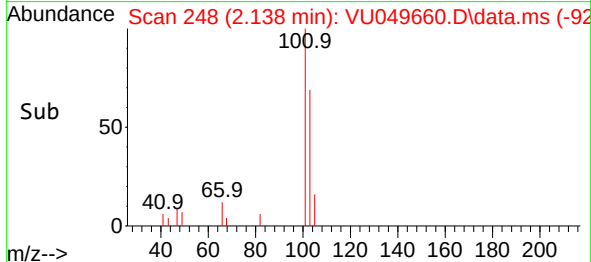
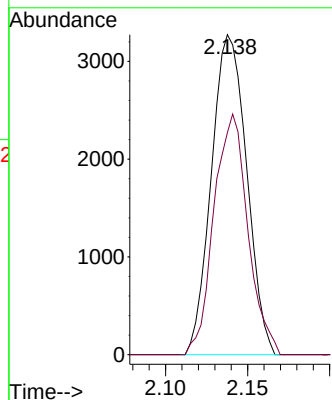
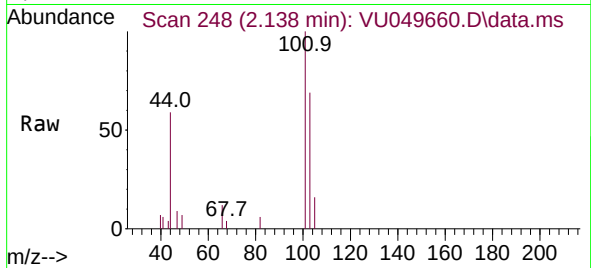




#7
 Trichlorofluoromethane
 Concen: 0.309 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

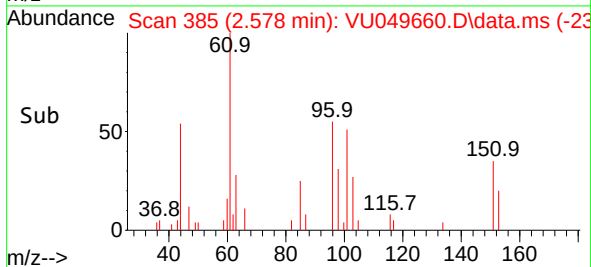
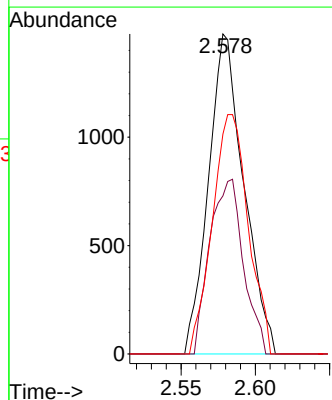
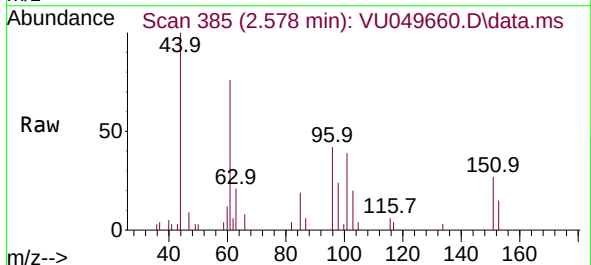
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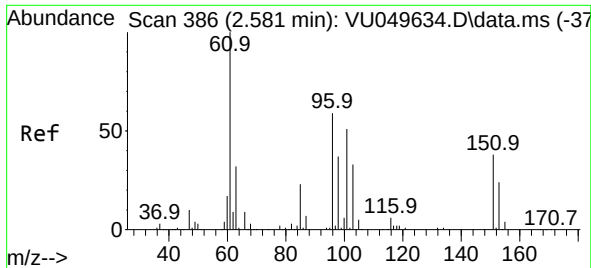
Tgt Ion:101 Resp: 4891
 Ion Ratio Lower Upper
 101 100
 103 69.4 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.293 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

Tgt Ion:101 Resp: 2439
 Ion Ratio Lower Upper
 101 100
 85 52.1 36.4 54.6
 151 76.3 59.1 88.7

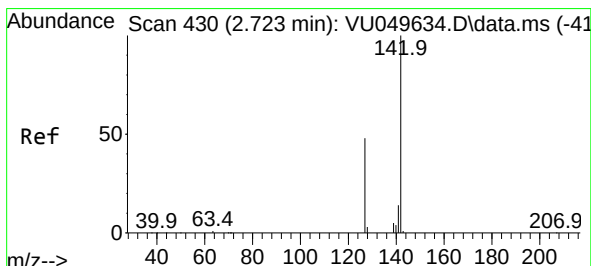
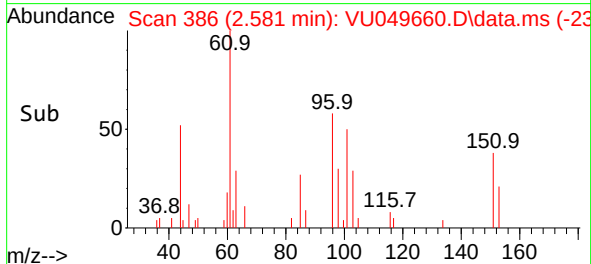
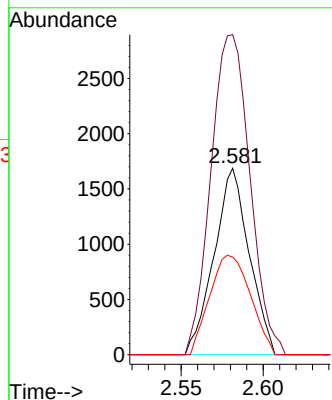
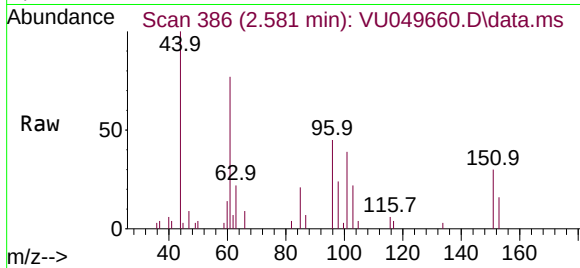




#9
1,1-Dichloroethene
Concen: 0.300 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

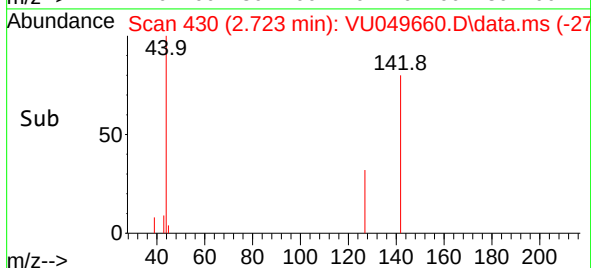
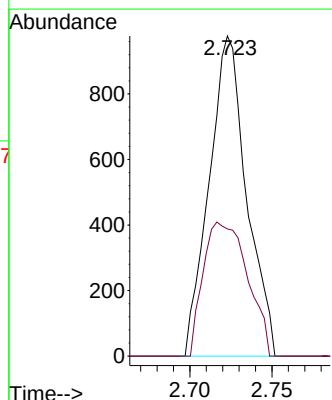
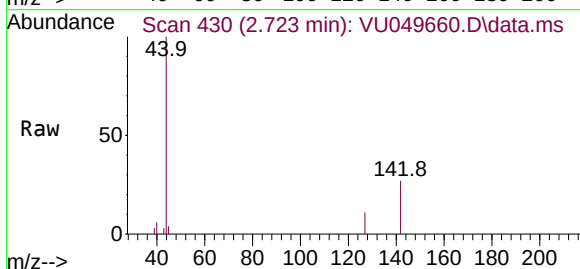
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

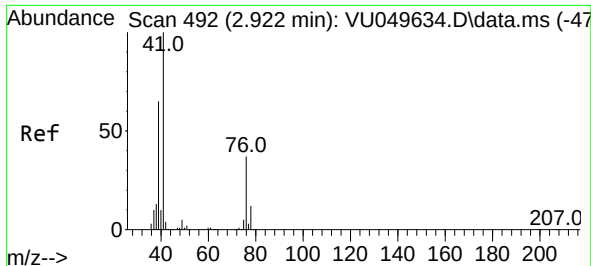
Tgt Ion:	96	Resp:	2514
Ion	Ratio	Lower	Upper
96	100		
61	171.6	0.0	510.6
98	52.3	0.0	124.6



#10
Iodomethane
Concen: 0.146 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:	142	Resp:	1549
Ion	Ratio	Lower	Upper
142	100		
127	49.4	38.2	57.2





#11

Allyl Chloride

Concen: 0.316 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

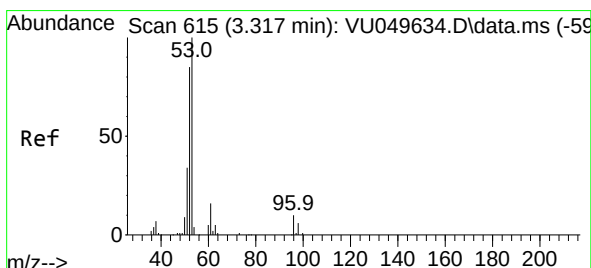
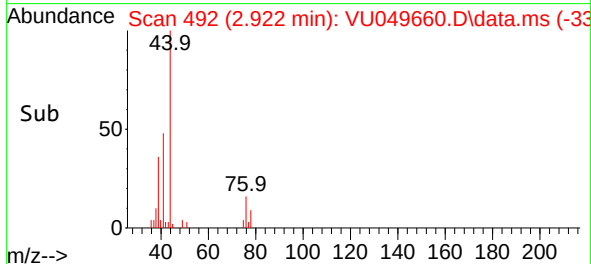
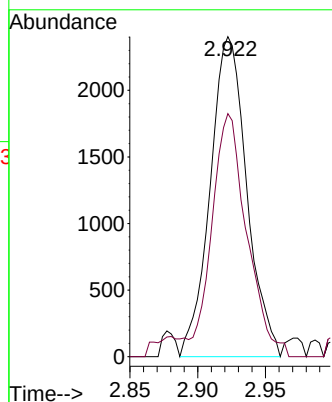
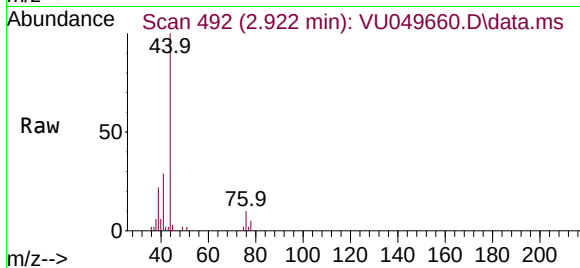
MDL-WATER-03-QT2-2022

Tgt Ion: 41 Resp: 4519

Ion Ratio Lower Upper

41 100

39 72.2 53.2 79.8



#12

Acrylonitrile

Concen: 0.588 ug/l

RT: 3.331 min Scan# 619

Delta R.T. 0.013 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

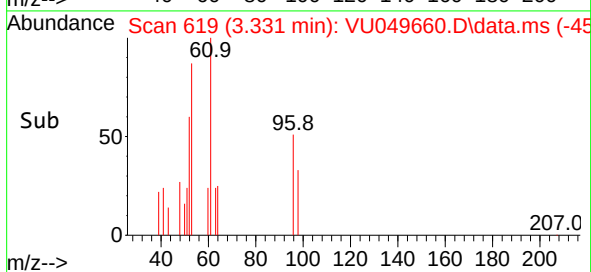
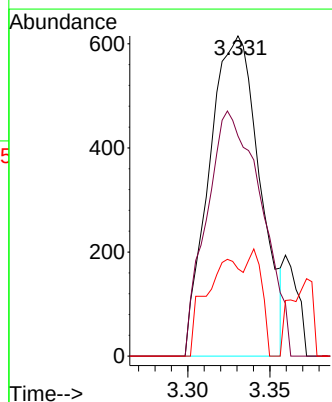
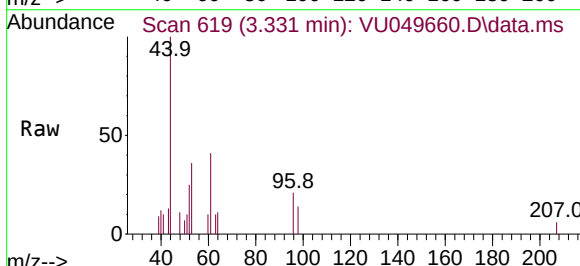
Tgt Ion: 53 Resp: 1317

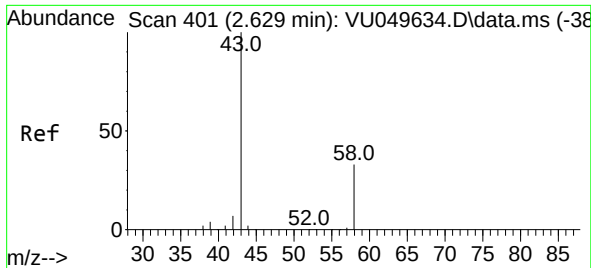
Ion Ratio Lower Upper

53 100

52 82.9 64.6 97.0

51 22.1 30.7 46.1#





#13

Acetone

Concen: 2.552 ug/l

RT: 2.649 min Scan# 401

Delta R.T. 0.020 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

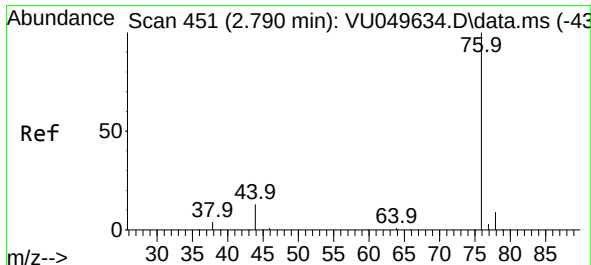
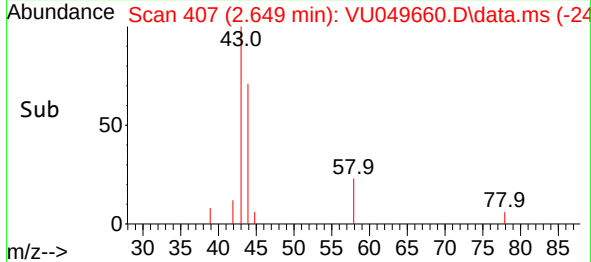
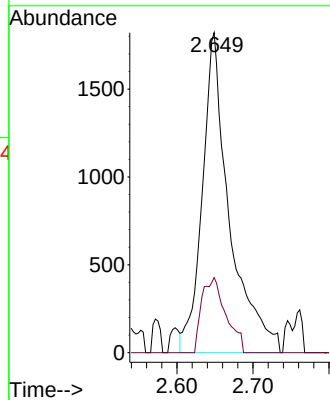
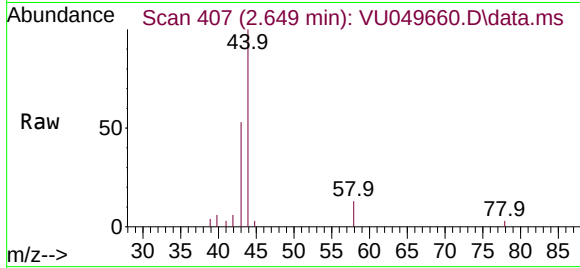
MDL-WATER-03-QT2-2022

Tgt Ion: 43 Resp: 4513

Ion Ratio Lower Upper

43 100

58 23.4 26.2 39.2#



#14

Carbon Disulfide

Concen: 0.286 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049660.D

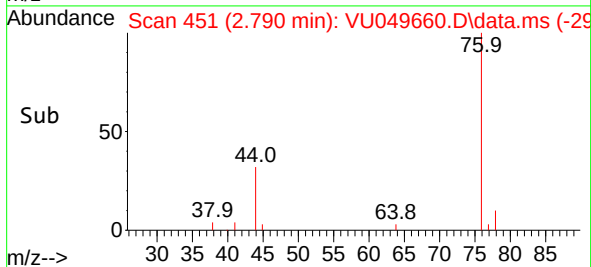
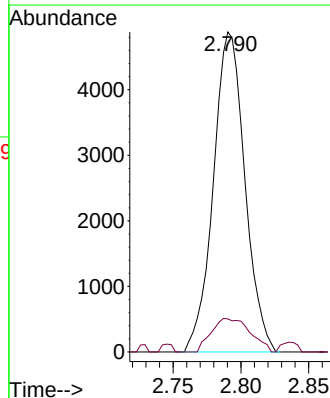
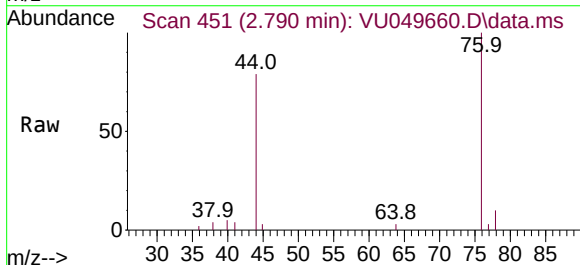
Acq: 08 Jul 2022 17:05

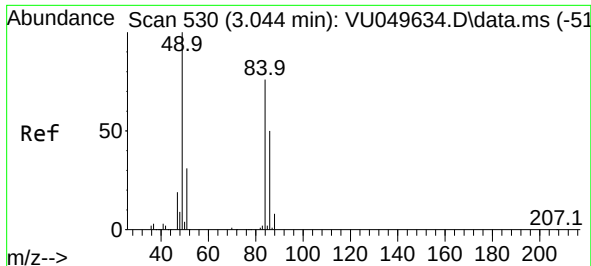
Tgt Ion: 76 Resp: 7888

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.0

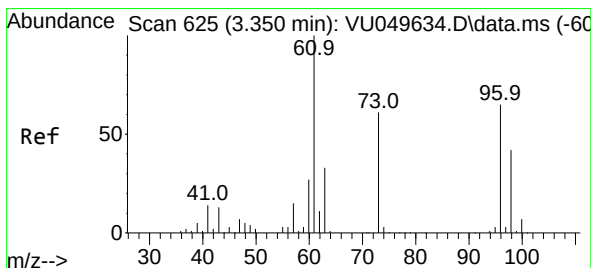
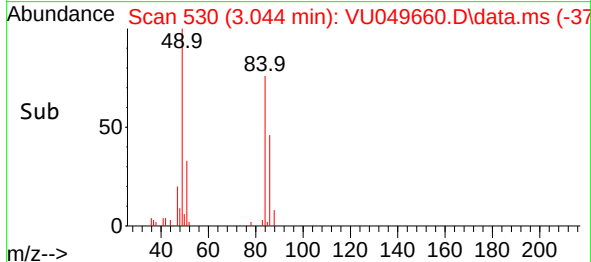
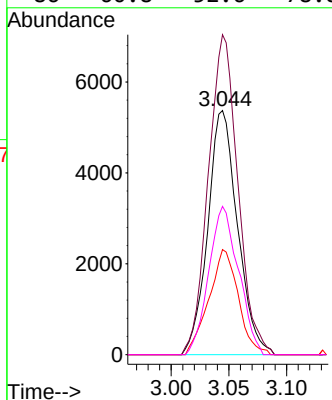
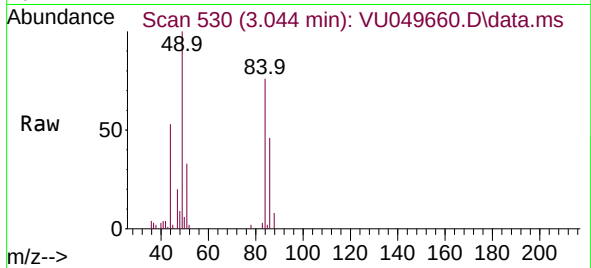




#15
Methylene Chloride
Concen: 0.918 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

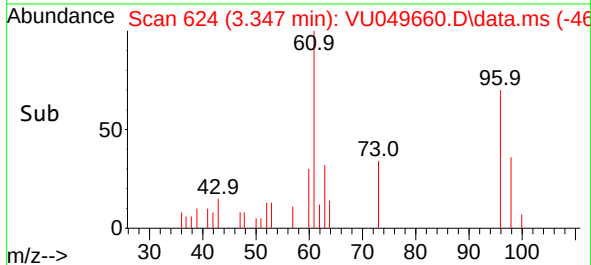
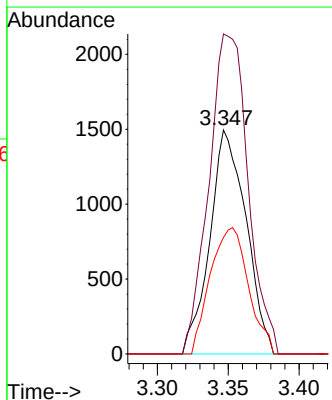
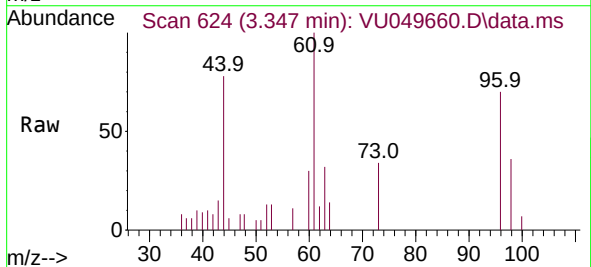
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

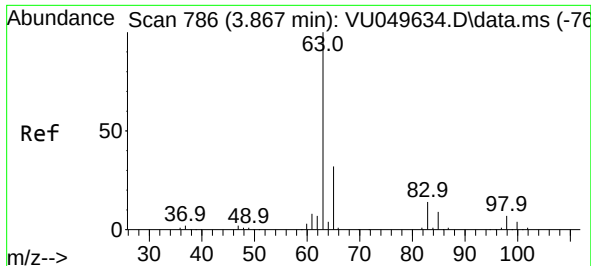
Tgt Ion:	84	Resp:	9636
Ion	Ratio	Lower	Upper
84	100		
49	131.0	104.6	157.0
51	43.0	0.0	81.4
86	60.8	52.6	78.8



#16
trans-1,2-Dichloroethene
Concen: 0.302 ug/l
RT: 3.347 min Scan# 624
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:	96	Resp:	2658
Ion	Ratio	Lower	Upper
96	100		
61	142.9	123.4	185.0
98	52.0	51.6	77.4

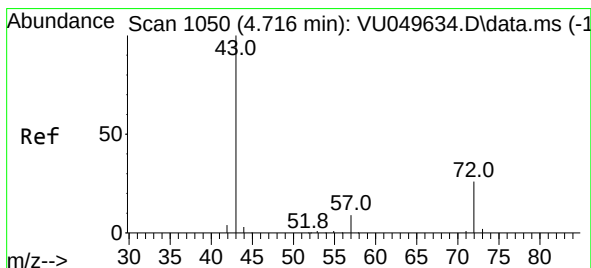
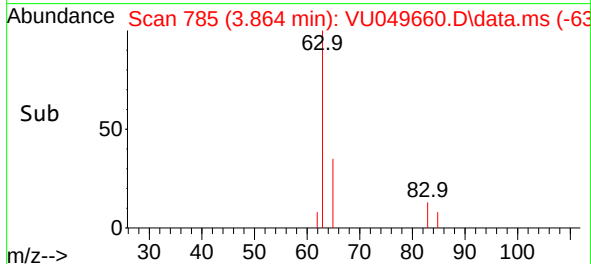
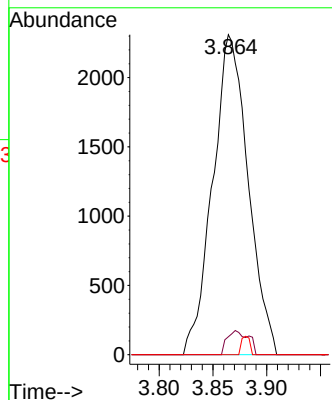
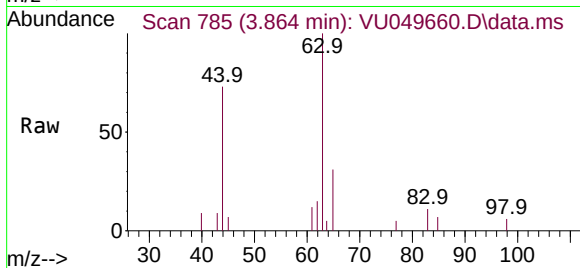




#17
 1,1-Dichloroethane
 Concen: 0.290 ug/l
 RT: 3.864 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

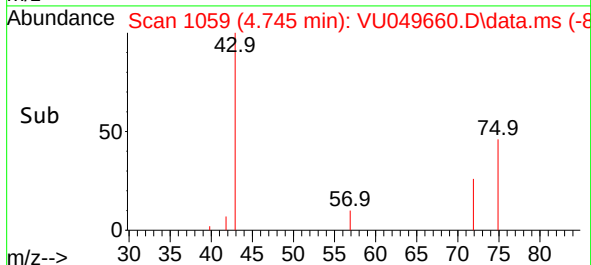
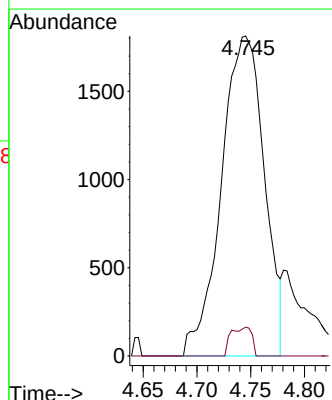
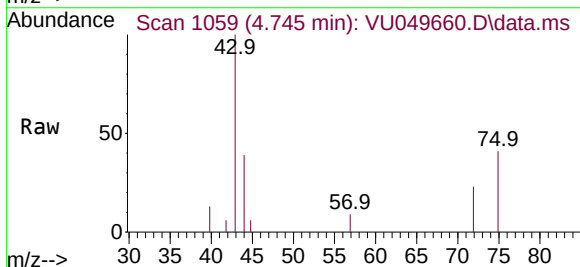
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2022

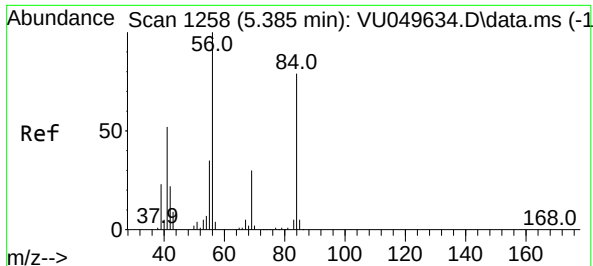
Tgt Ion:	63	Resp:	5288
Ion Ratio	Lower	Upper	
63	100		
98	5.3	3.4	10.2
100	0.0	2.0	6.0



#18
 2-Butanone
 Concen: 1.672 ug/l
 RT: 4.745 min Scan# 1059
 Delta R.T. 0.029 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

Tgt Ion:	43	Resp:	5042
Ion Ratio	Lower	Upper	
43	100		
57	9.0	0.0	18.0





#19

Cyclohexane

Concen: 0.224 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

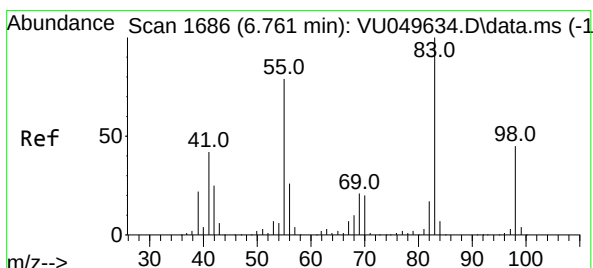
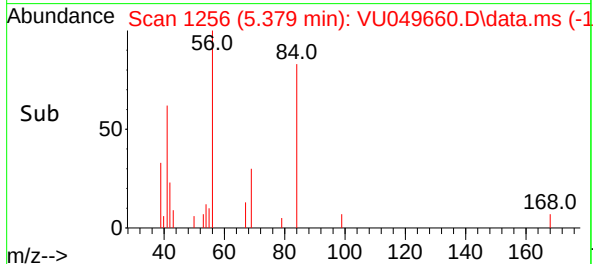
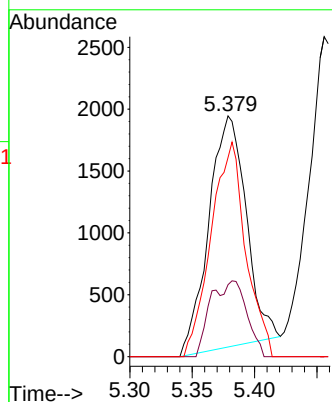
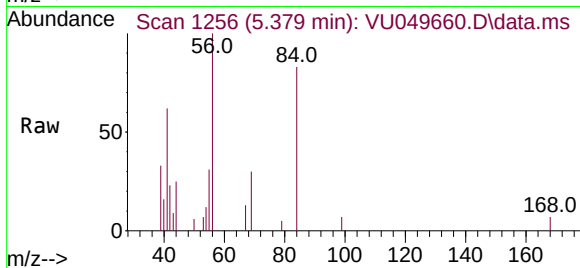
Tgt Ion: 56 Resp: 3906

Ion Ratio Lower Upper

56 100

69 17.6 24.2 36.4#

84 86.0 63.4 95.2



#20

Methylcyclohexane

Concen: 0.228 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

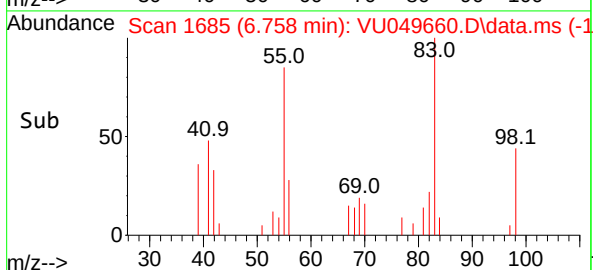
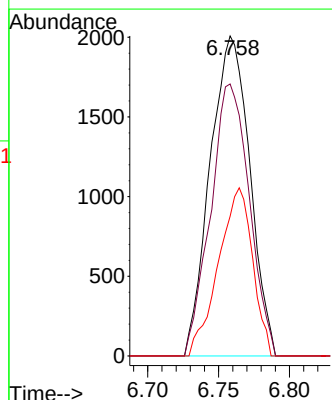
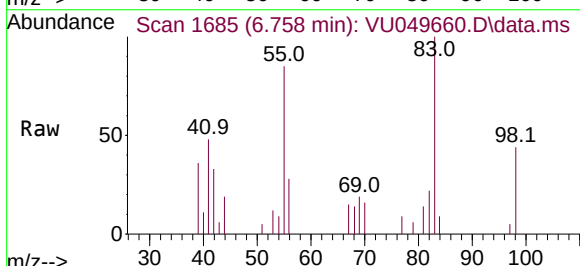
Tgt Ion: 83 Resp: 3917

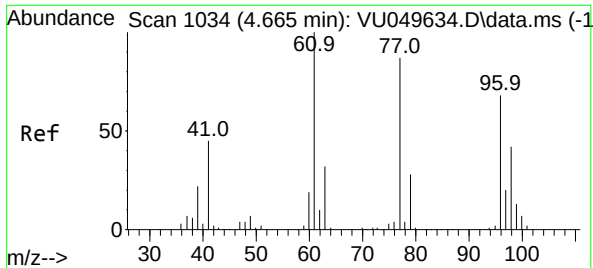
Ion Ratio Lower Upper

83 100

55 82.8 63.0 94.4

98 45.1 35.7 53.5

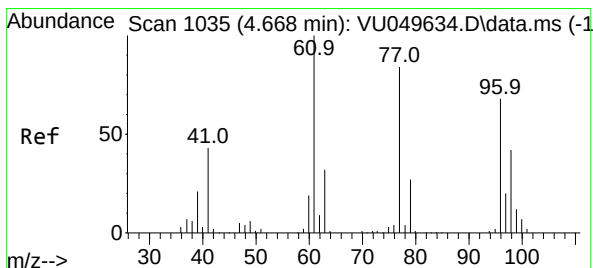
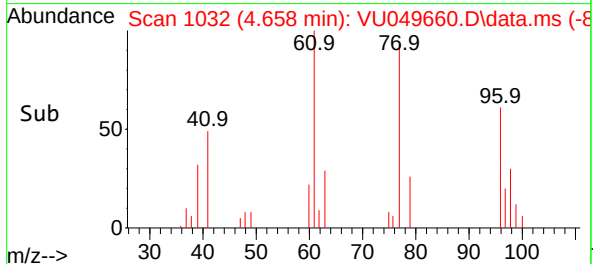
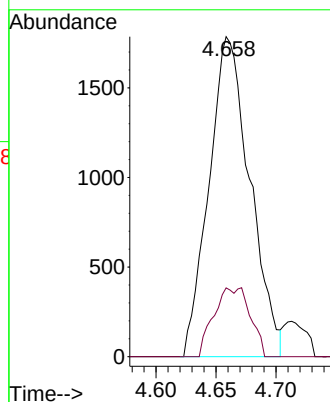
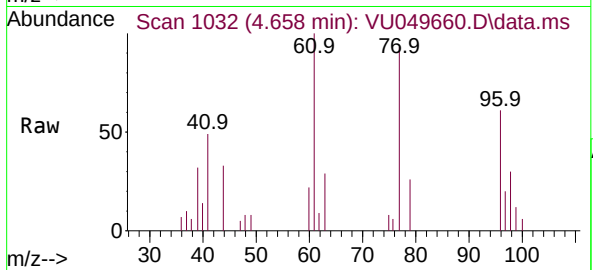




#21
2,2-Dichloropropane
Concen: 0.284 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

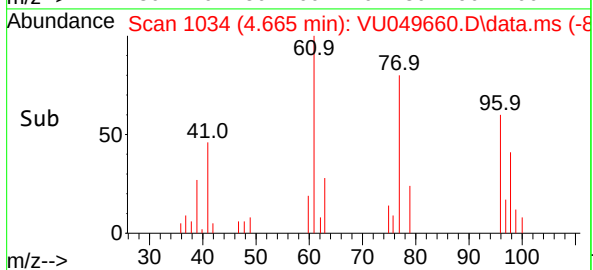
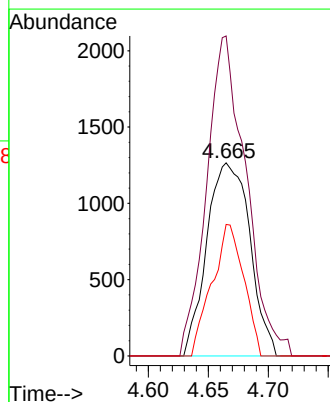
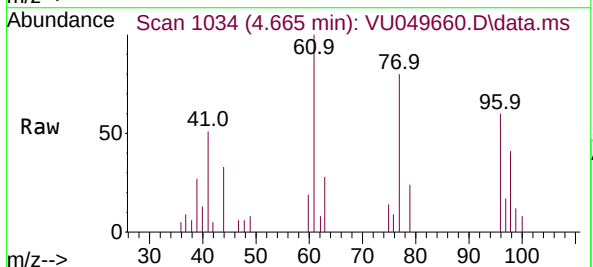
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

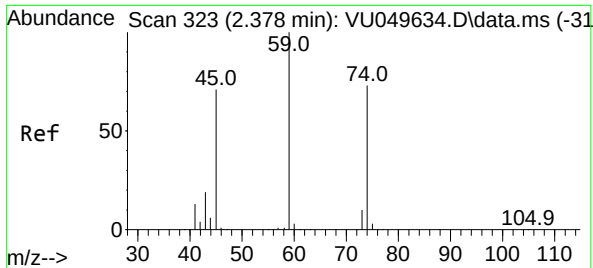
Tgt Ion: 77 Resp: 4230
Ion Ratio Lower Upper
77 100
97 11.1 18.5 27.7#



#22
cis-1,2-Dichloroethene
Concen: 0.291 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 96 Resp: 3159
Ion Ratio Lower Upper
96 100
61 151.1 0.0 375.8
98 50.3 31.6 95.0

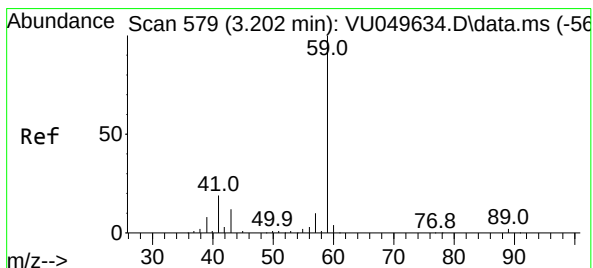
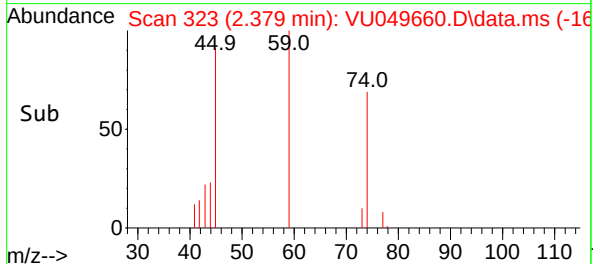
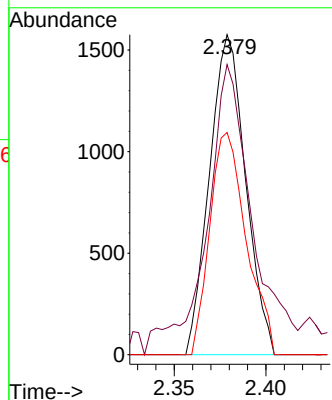
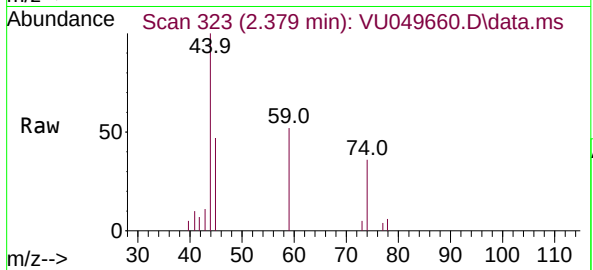




#23
Diethyl Ether
Concen: 0.302 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

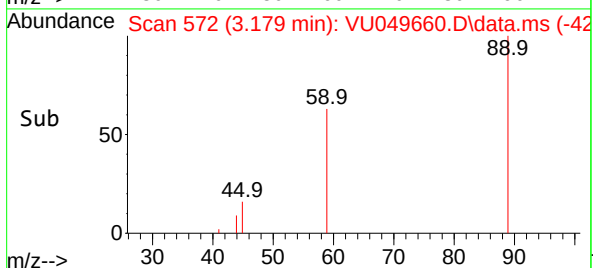
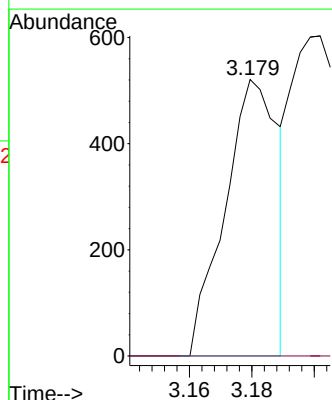
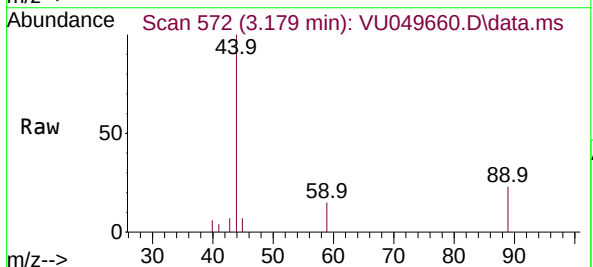
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

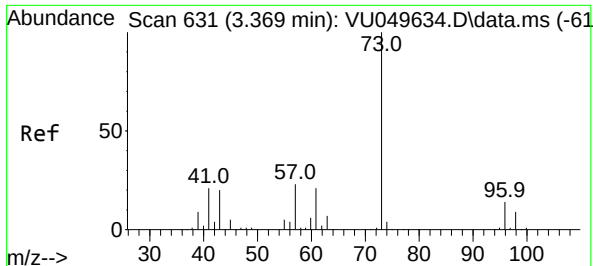
Tgt Ion: 59 Resp: 2160
Ion Ratio Lower Upper
59 100
45 113.6 56.0 84.0#
74 70.1 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 0.752 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.022 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 59 Resp: 613
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

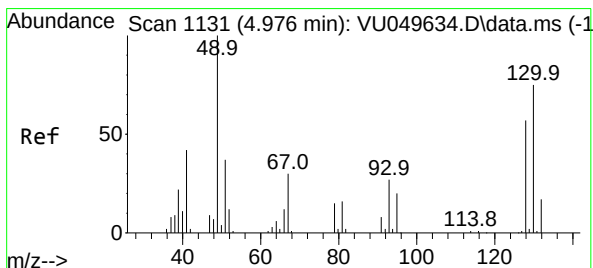
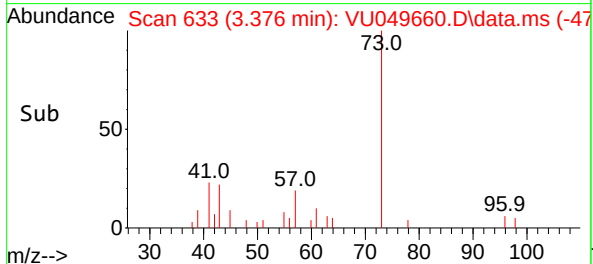
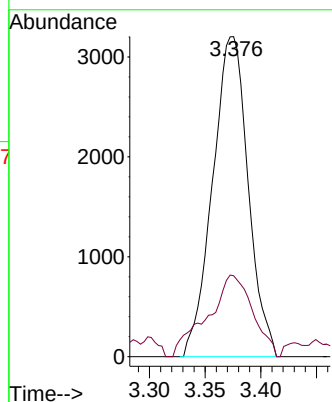
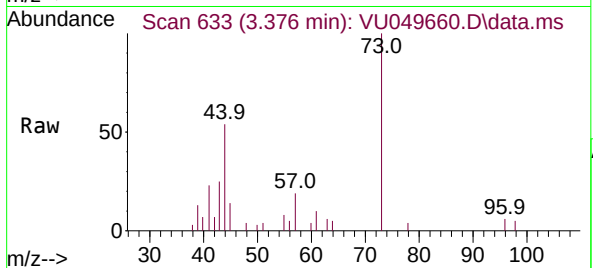




#25
Methyl tert-Butyl Ether
Concen: 0.304 ug/l
RT: 3.376 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

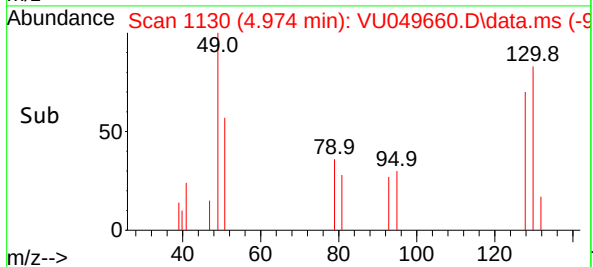
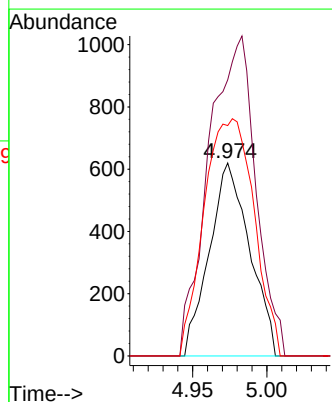
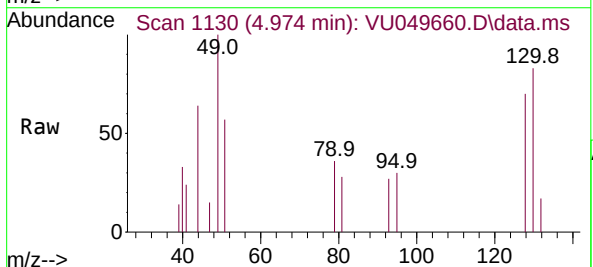
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

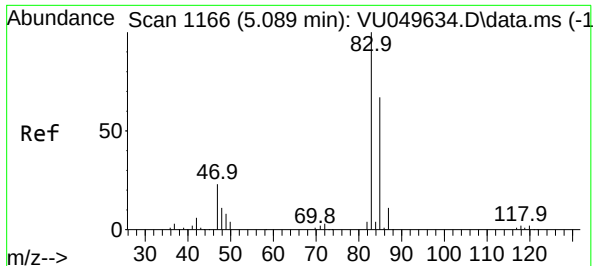
Tgt Ion: 73 Resp: 7117
Ion Ratio Lower Upper
73 100
43 32.3 15.9 23.9#



#26
Bromochloromethane
Concen: 0.256 ug/l
RT: 4.974 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 128 Resp: 1171
Ion Ratio Lower Upper
128 100
49 192.8 0.0 349.2
130 152.4 103.0 154.6





#27

Chloroform

Concen: 0.312 ug/l

RT: 5.093 min Scan# 1166

Delta R.T. 0.004 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

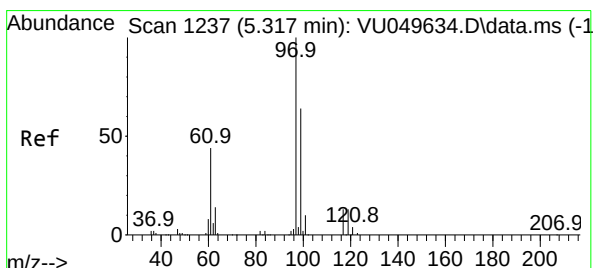
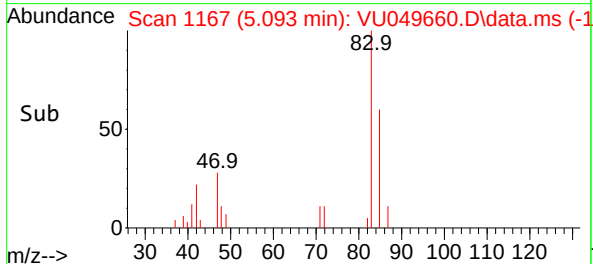
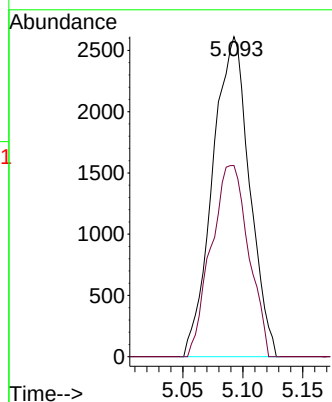
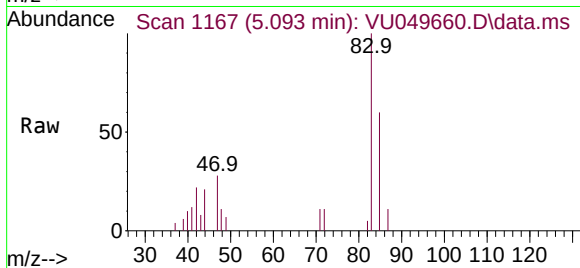
MDL-WATER-03-QT2-2022

Tgt Ion: 83 Resp: 5588

Ion Ratio Lower Upper

83 100

85 59.8 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.305 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.006 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

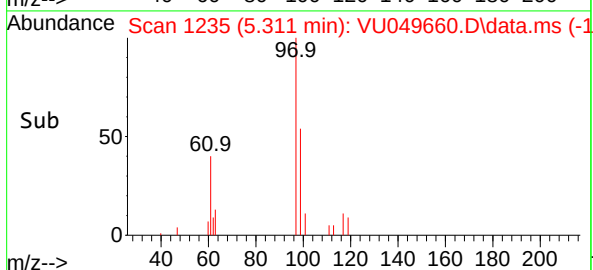
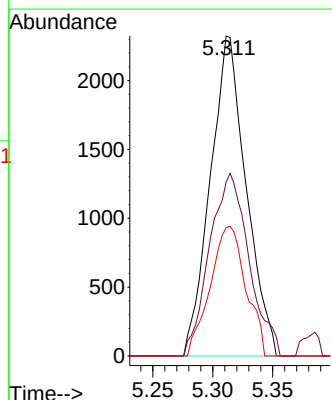
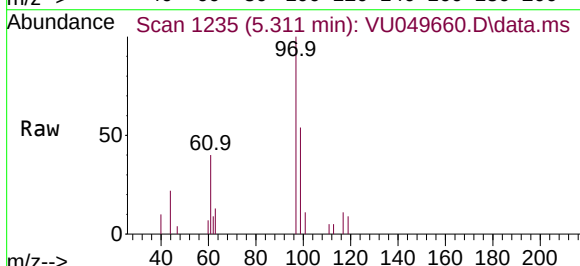
Tgt Ion: 97 Resp: 4826

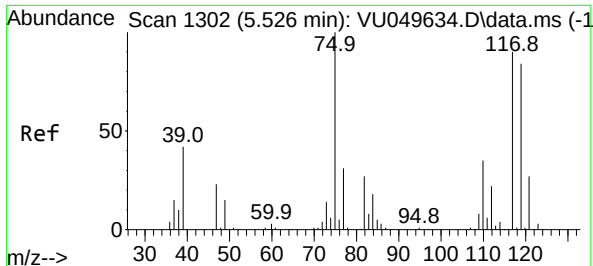
Ion Ratio Lower Upper

97 100

99 62.8 32.1 96.5

61 40.3 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.268 ug/l

RT: 5.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

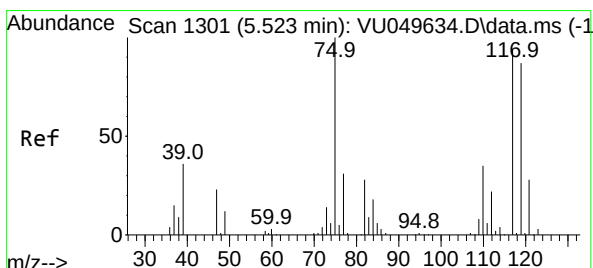
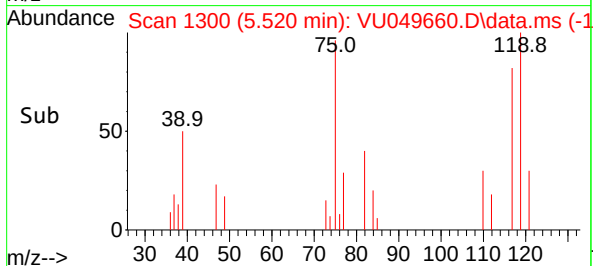
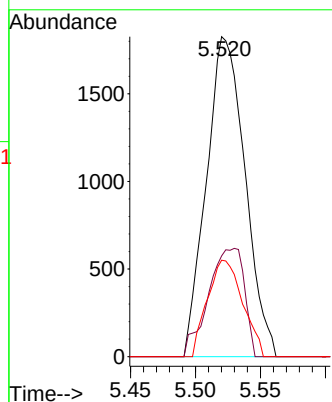
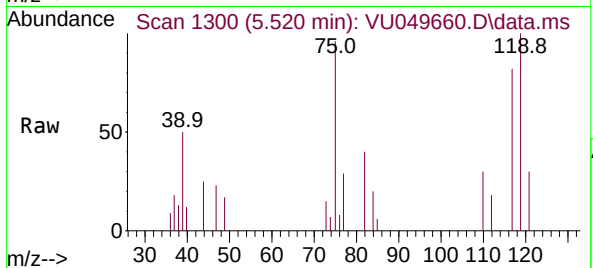
Tgt Ion: 75 Resp: 3775

Ion Ratio Lower Upper

75 100

110 31.4 17.3 52.0

77 27.4 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.284 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

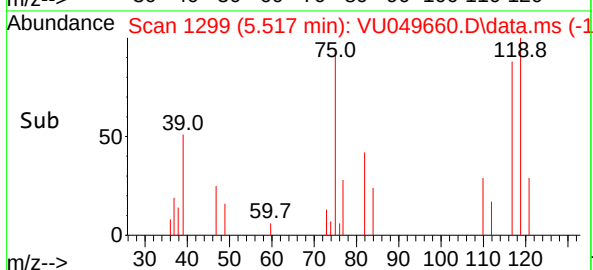
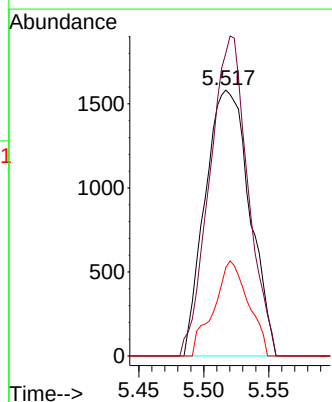
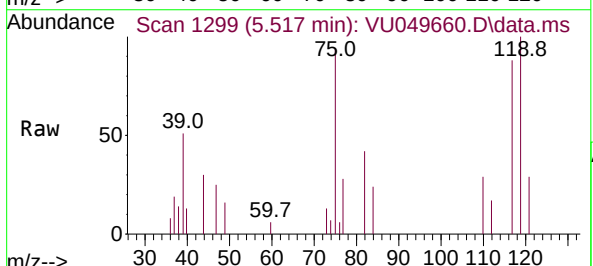
Tgt Ion: 117 Resp: 3774

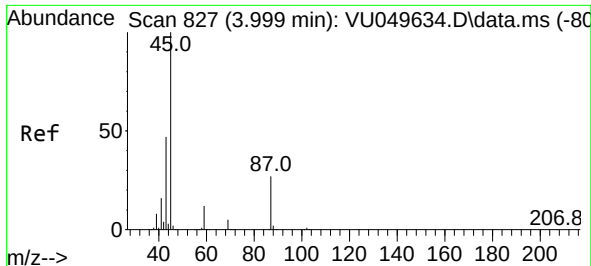
Ion Ratio Lower Upper

117 100

119 113.8 74.6 112.0#

121 33.2 24.2 36.4

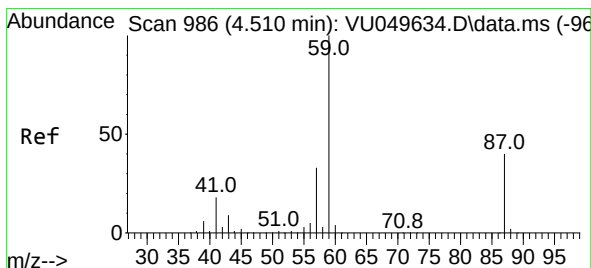
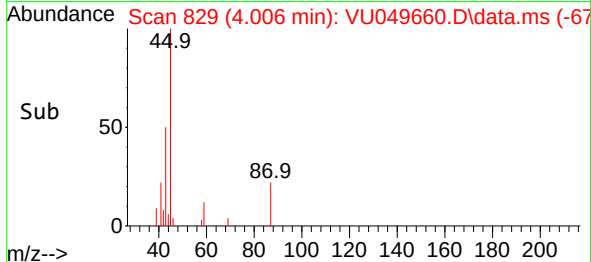
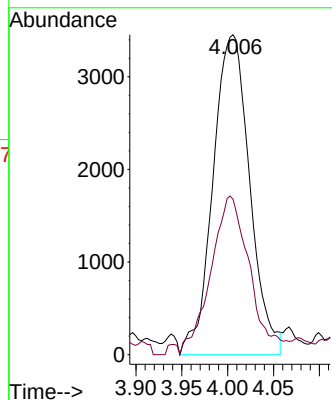
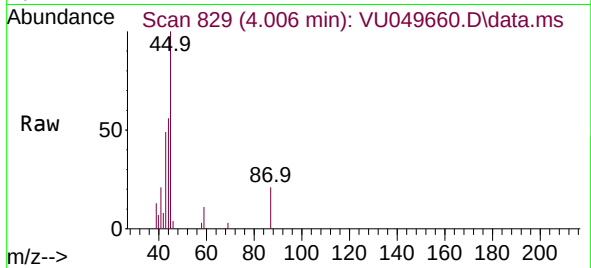




#31
Isopropyl Ether
Concen: 0.308 ug/l
RT: 4.006 min Scan# 81
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

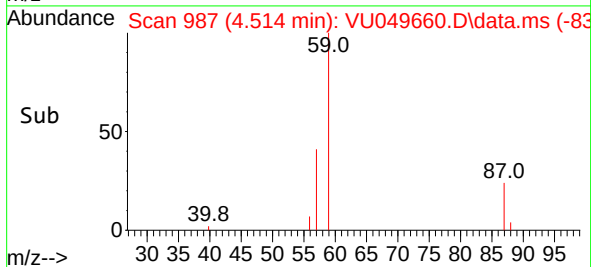
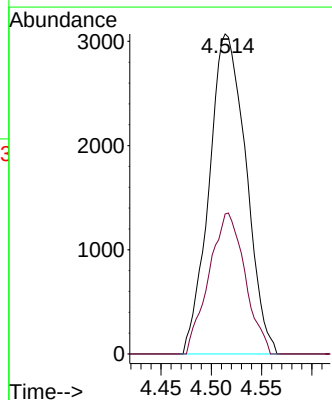
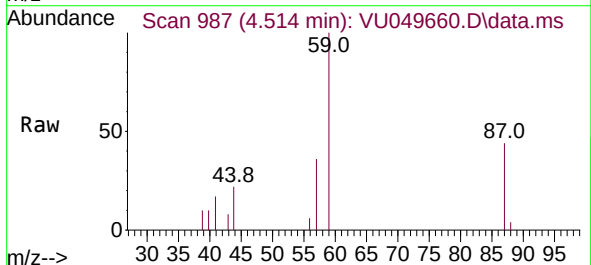
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

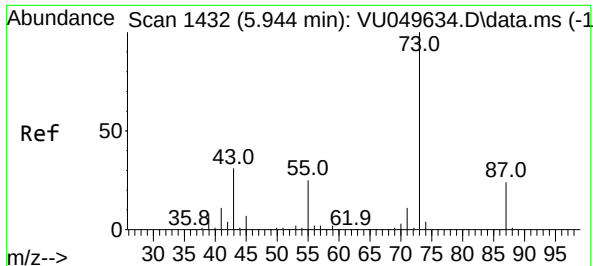
Tgt Ion: 45 Resp: 9614
Ion Ratio Lower Upper
45 100
43 52.8 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.265 ug/l
RT: 4.514 min Scan# 987
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 59 Resp: 7829
Ion Ratio Lower Upper
59 100
87 43.1 32.5 48.7

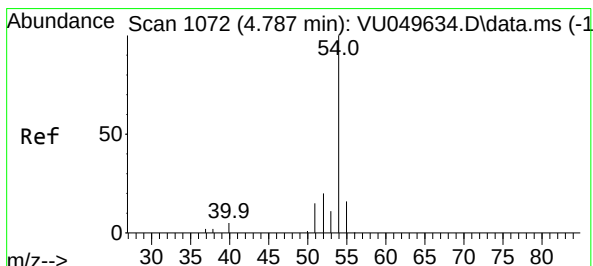
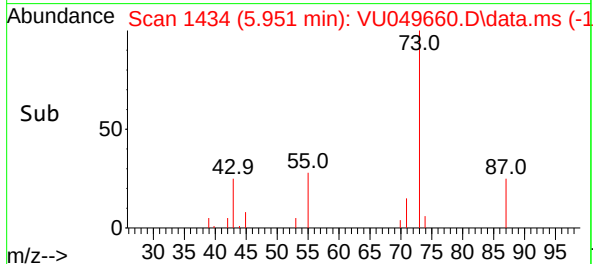
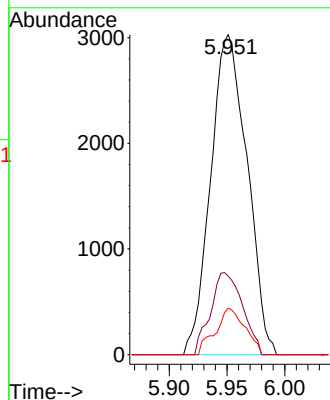
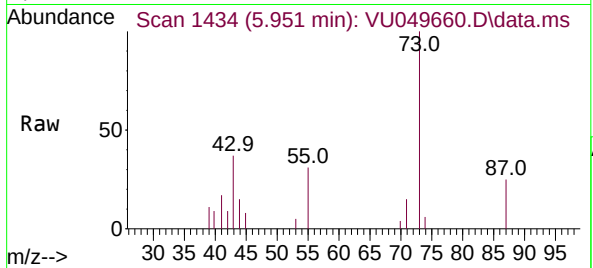




#33
Tert-Amyl methyl ether
Concen: 0.259 ug/l
RT: 5.951 min Scan# 1434
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

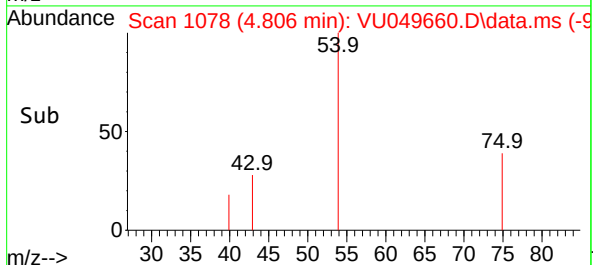
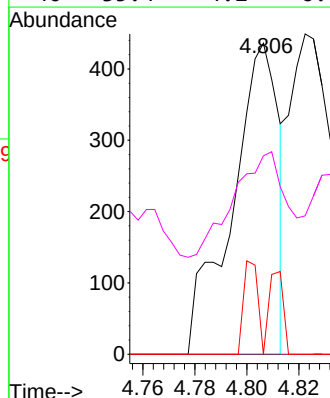
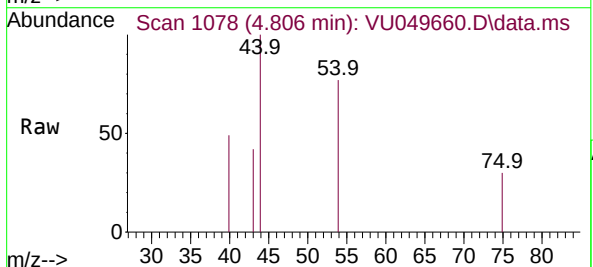
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

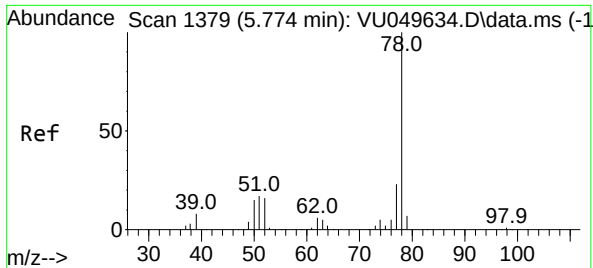
Tgt Ion: 73	Resp: 6651
Ion Ratio	Lower Upper
73 100	
87 22.5	19.7 29.5
71 11.8	9.0 13.4



#34
Propionitrile
Concen: 0.627 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.019 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt	Ion: 54	Resp:	542
Ion	Ratio	Lower	Upper
54	100		
52	0.0	15.0	22.6#
55	9.0	12.6	19.0#
40	35.4	4.2	6.4#





#35

Benzene

Concen: 0.285 ug/l

RT: 5.777 min Scan# 11

Delta R.T. 0.004 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

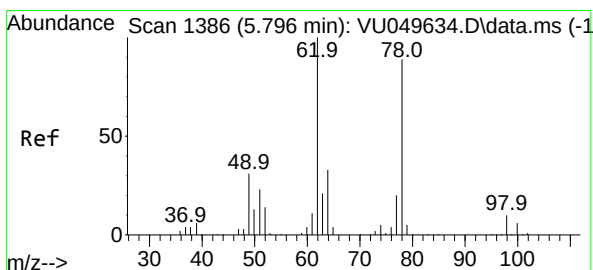
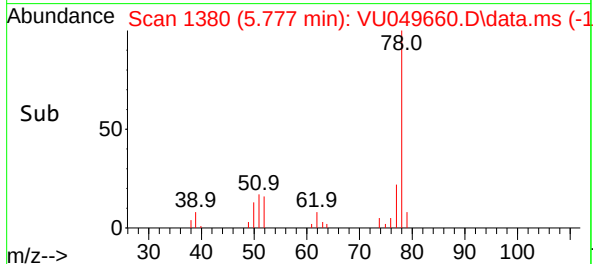
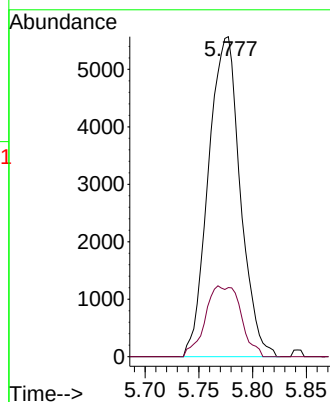
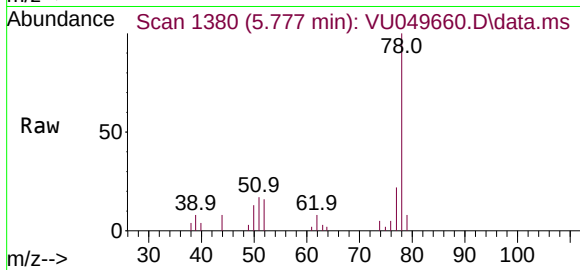
MDL-WATER-03-QT2-2022

Tgt Ion: 78 Resp: 11476

Ion Ratio Lower Upper

78 100

77 21.6 18.6 28.0



#36

1,2-Dichloroethane

Concen: 0.320 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.004 min

Lab File: VU049660.D

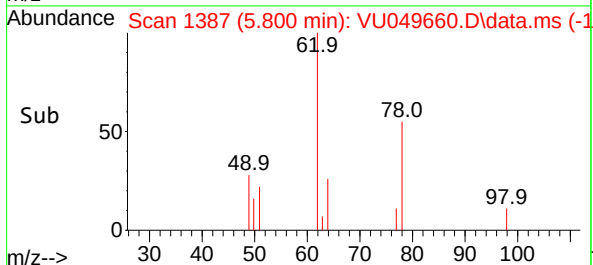
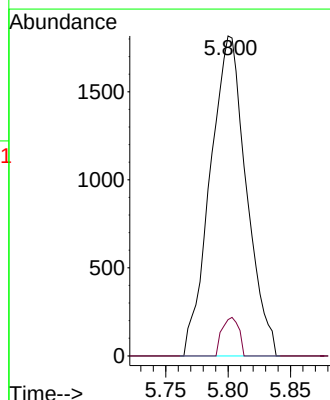
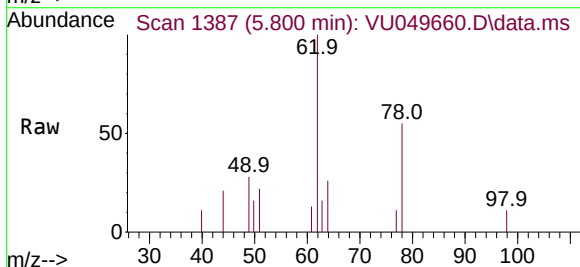
Acq: 08 Jul 2022 17:05

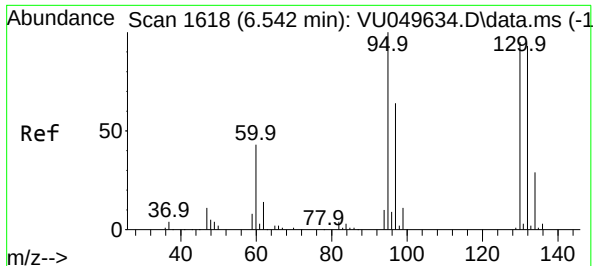
Tgt Ion: 62 Resp: 3663

Ion Ratio Lower Upper

62 100

98 5.6 7.4 11.0#





#37

Trichloroethene

Concen: 0.280 ug/l

RT: 6.543 min Scan# 1

Delta R.T. 0.001 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

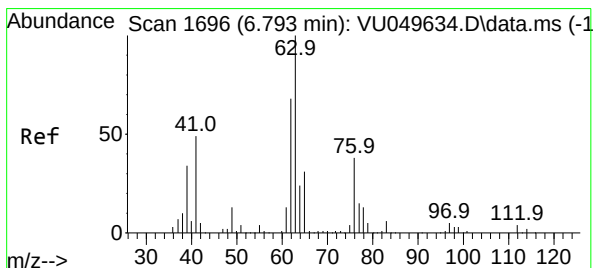
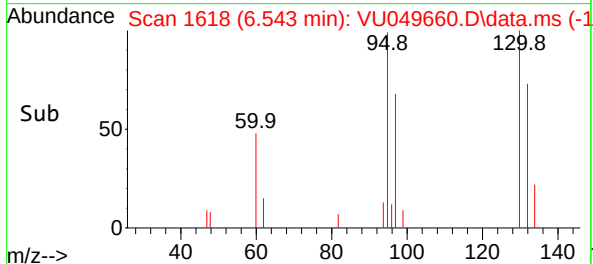
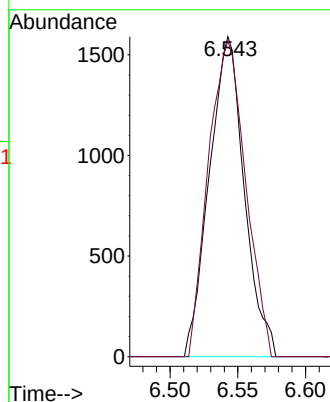
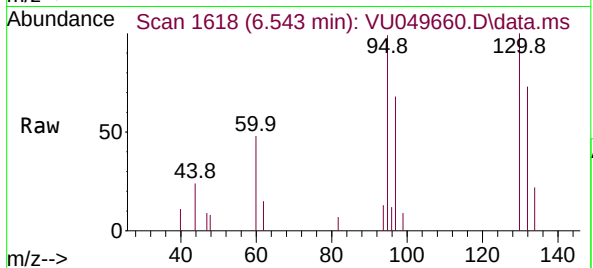
MDL-WATER-03-QT2-2022

Tgt Ion:130 Resp: 2846

Ion Ratio Lower Upper

130 100

95 98.7 83.8 125.8



#38

1,2-Dichloropropane

Concen: 0.311 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU049660.D

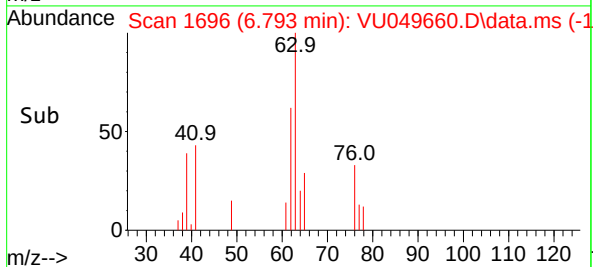
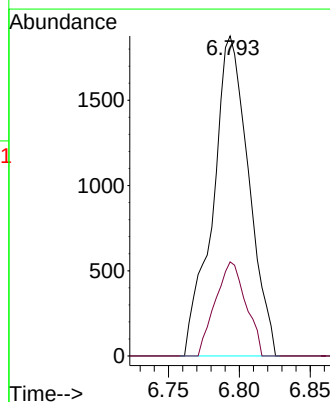
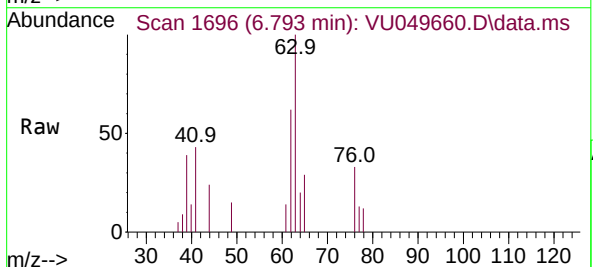
Acq: 08 Jul 2022 17:05

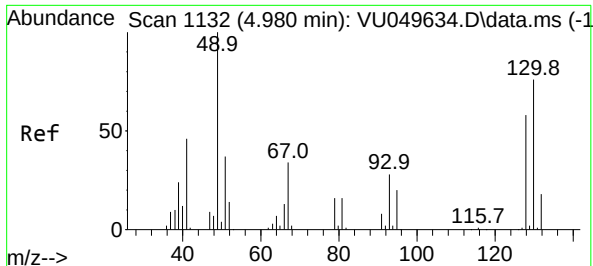
Tgt Ion: 63 Resp: 3315

Ion Ratio Lower Upper

63 100

65 29.4 25.0 37.4





#39

Methacrylonitrile

Concen: 0.263 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU049660.D

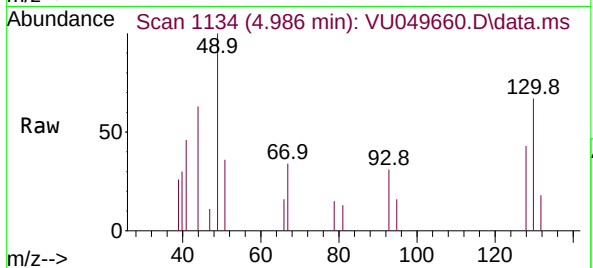
Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 41 Resp: 973

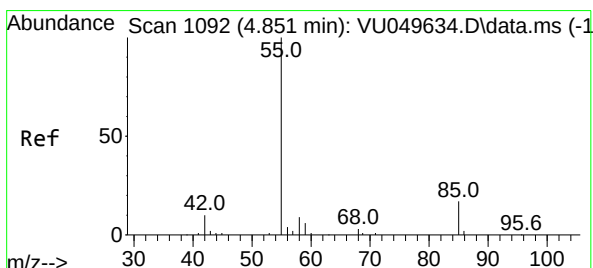
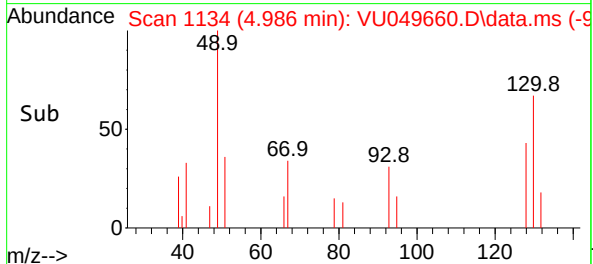
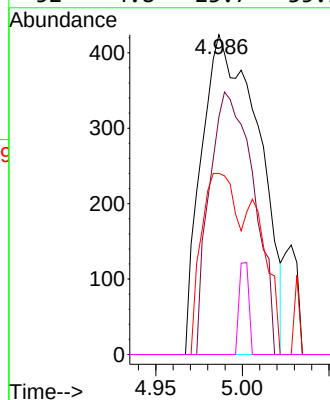
Ion Ratio Lower Upper

41 100

67 63.5 59.4 89.0

39 35.6 42.2 63.2#

52 4.8 23.7 35.5#



#40

Methyl acrylate

Concen: 0.266 ug/l

RT: 4.864 min Scan# 1096

Delta R.T. 0.013 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Tgt Ion: 55 Resp: 1543

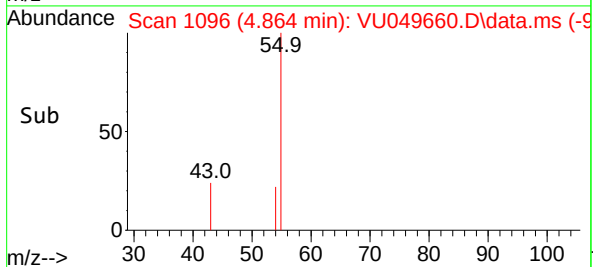
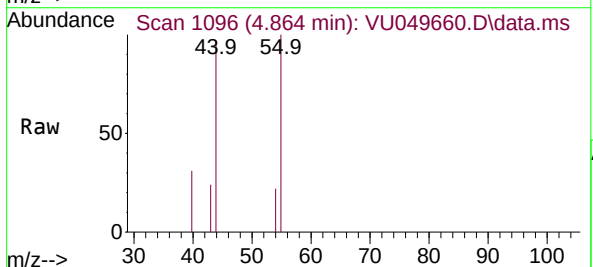
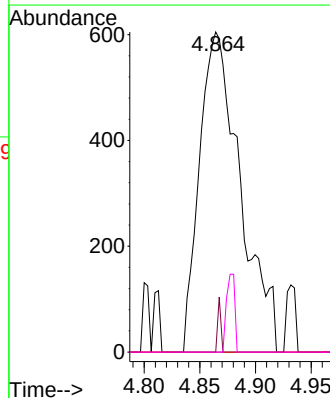
Ion Ratio Lower Upper

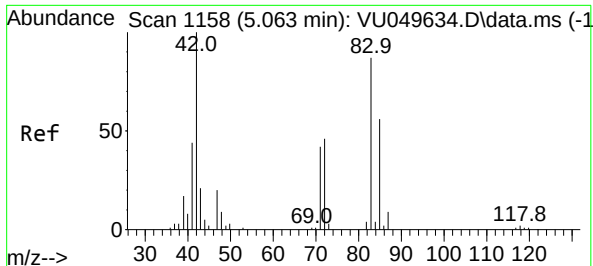
55 100

85 0.0 13.5 20.3#

58 0.0 7.0 10.4#

42 4.9 7.0 10.6#





#41

Tetrahydrofuran

Concen: 0.820 ug/l

RT: 5.086 min Scan# 1158

Delta R.T. 0.023 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

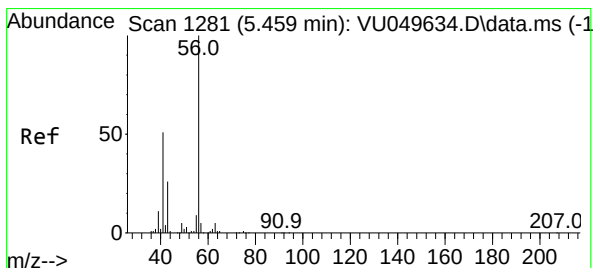
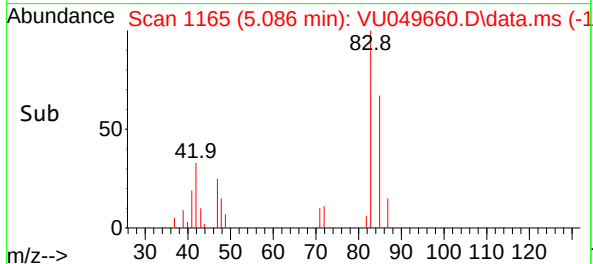
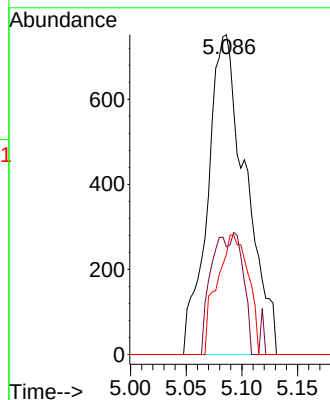
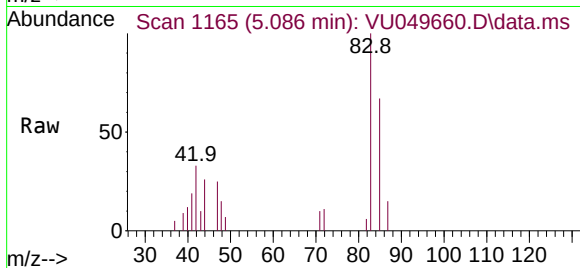
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 42	Resp: 1795
Ion Ratio	Lower Upper
42	100
72	16.8 38.9 58.3#
71	30.5 33.7 50.5#



#42

1-Chlorobutane

Concen: 0.268 ug/l

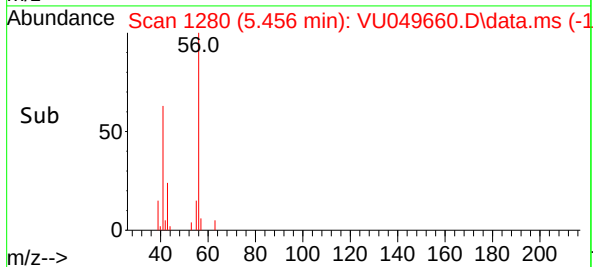
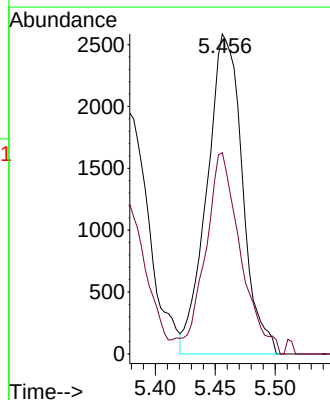
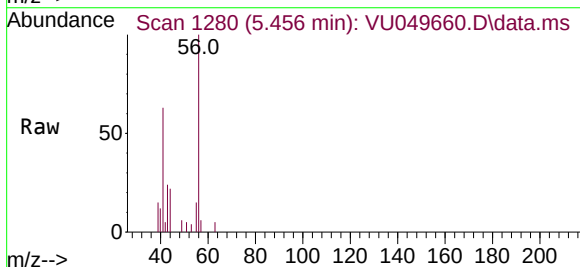
RT: 5.456 min Scan# 1280

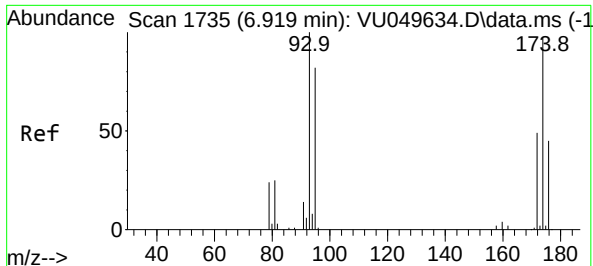
Delta R.T. -0.003 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Tgt Ion: 56	Resp: 5294
Ion Ratio	Lower Upper
56	100
41	62.1 26.4 79.2



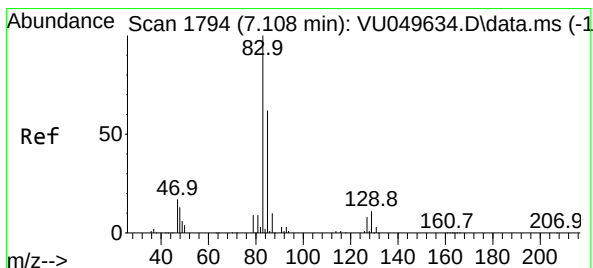
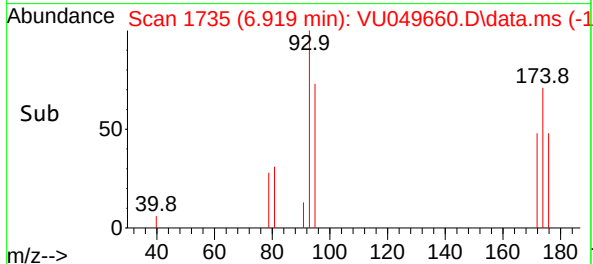
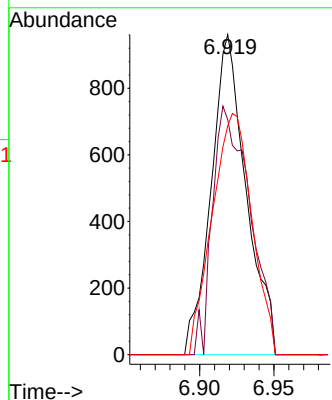
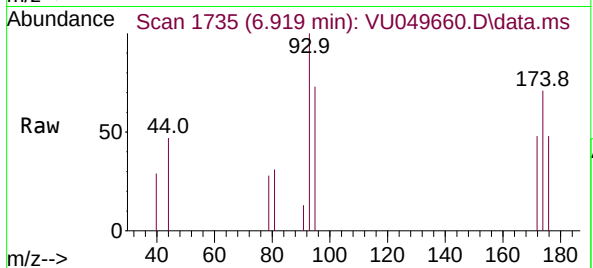


#43
Dibromomethane
Concen: 0.296 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

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

Tgt Ion: 93 Resp: 1572

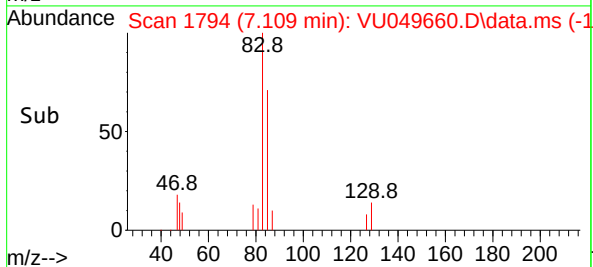
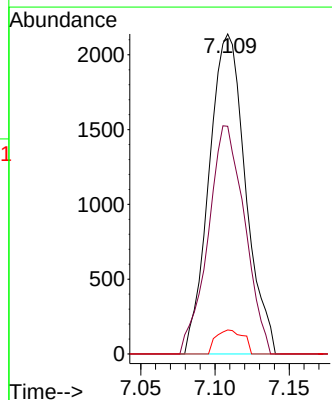
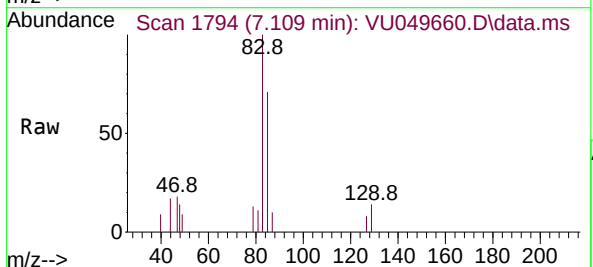
Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.0	97.6
174	85.7	76.3	114.5

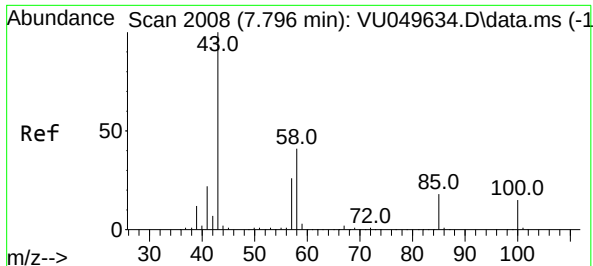


#44
Bromodichloromethane
Concen: 0.287 ug/l
RT: 7.109 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 83 Resp: 3653

Ion	Ratio	Lower	Upper
83	100		
85	71.2	49.4	74.0
127	7.5	6.6	10.0





#45

4-Methyl-2-Pentanone

Concen: 1.439 ug/l

RT: 7.803 min Scan# 2010

Delta R.T. 0.007 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

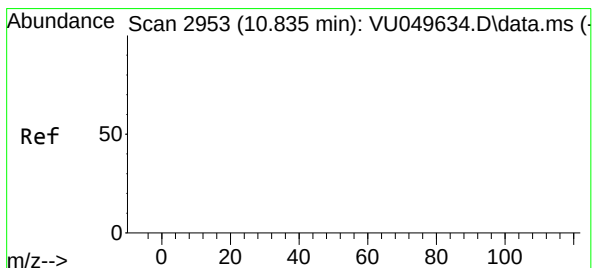
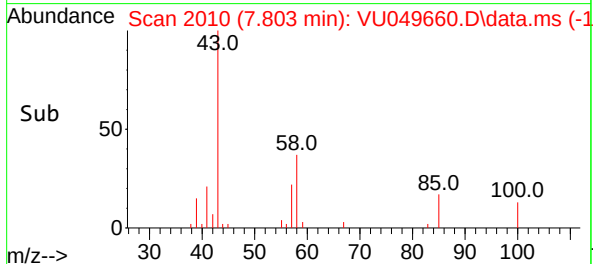
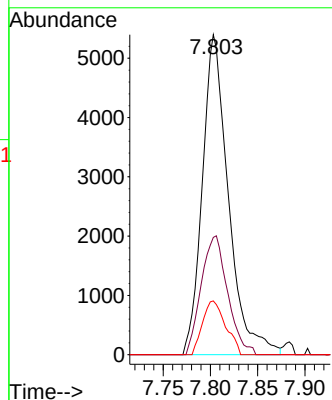
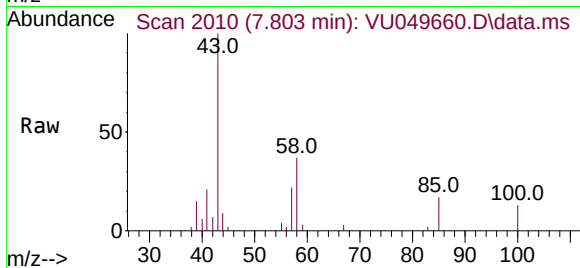
Tgt Ion: 43 Resp: 10359

Ion Ratio Lower Upper

43 100

58 37.6 20.3 61.0

85 14.8 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 1.355 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.013 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Tgt Ion: 75 Resp: 3174

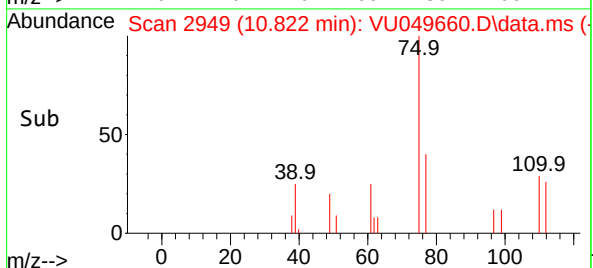
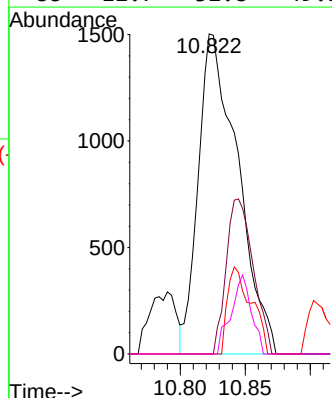
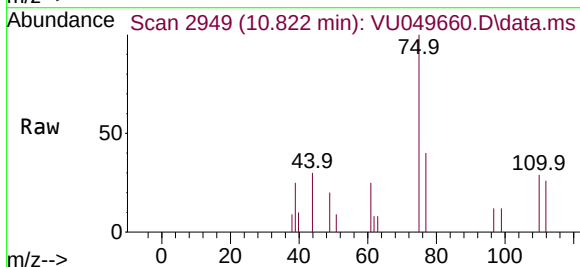
Ion Ratio Lower Upper

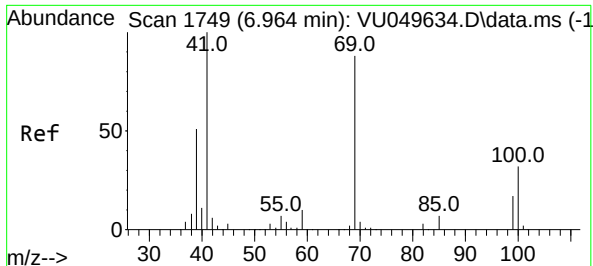
75 100

53 33.1 64.4 96.6#

89 16.4 44.2 66.2#

88 12.7 32.8 49.2#





#47

Methyl methacrylate

Concen: 0.455 ug/l

RT: 6.973 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 69 Resp: 2434

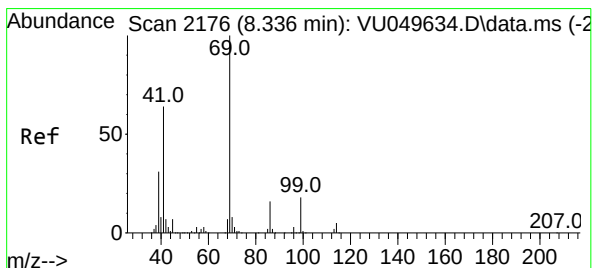
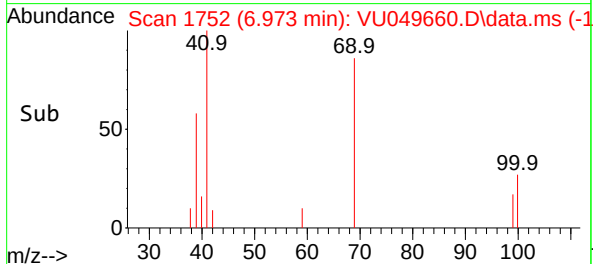
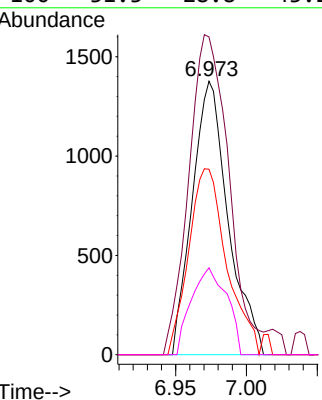
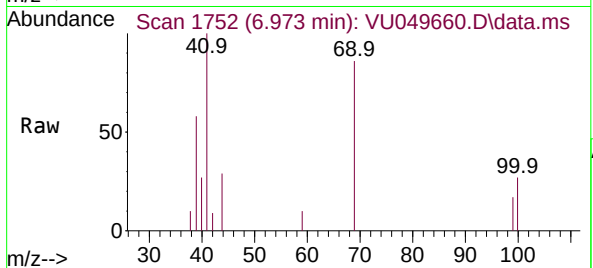
Ion Ratio Lower Upper

69 100

41 130.3 0.0 225.4

39 71.8 45.8 68.8#

100 31.3 28.8 43.2



#48

Ethyl methacrylate

Concen: 0.230 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.004 min

Lab File: VU049660.D

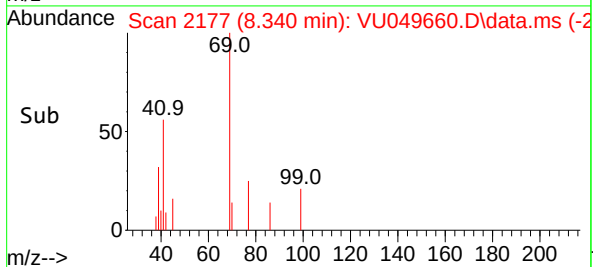
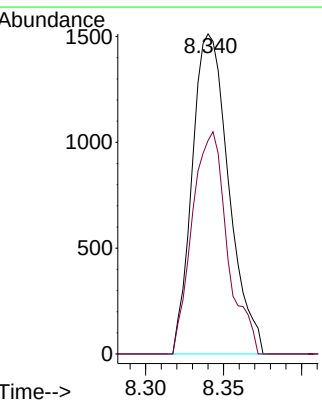
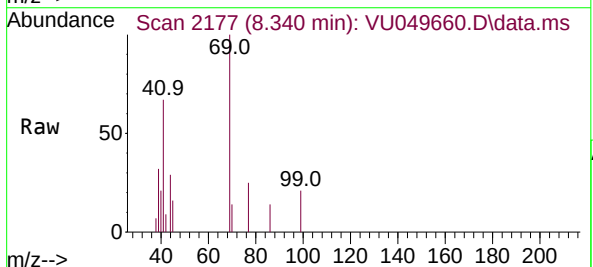
Acq: 08 Jul 2022 17:05

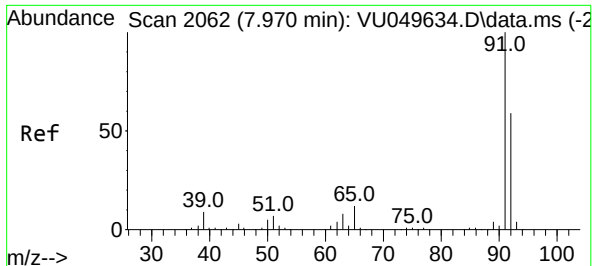
Tgt Ion: 69 Resp: 2464

Ion Ratio Lower Upper

69 100

41 66.7 32.3 96.9





#49

Toluene

Concen: 0.248 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

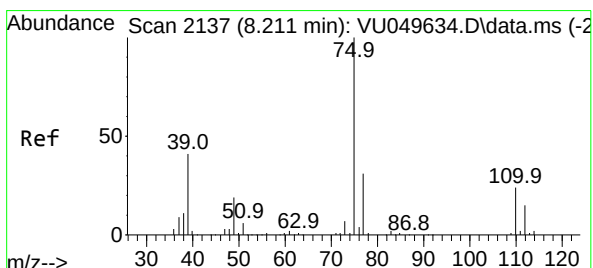
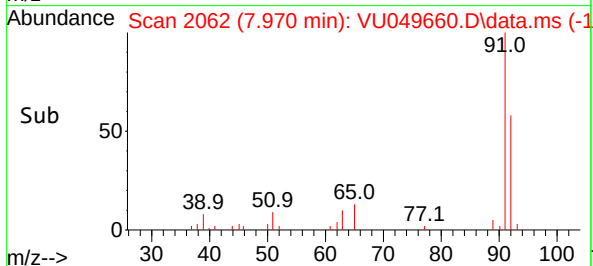
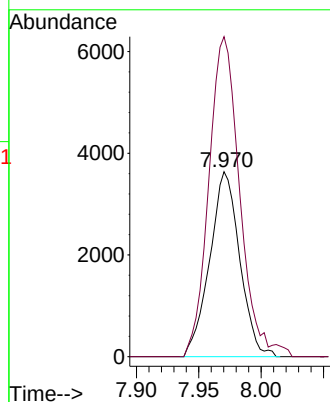
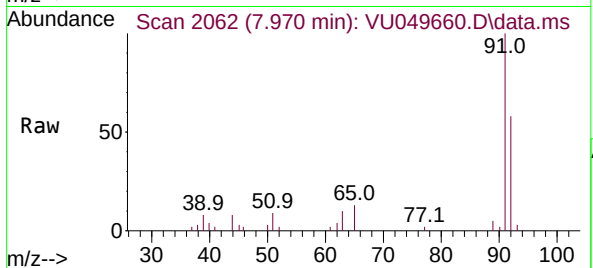
MDL-WATER-03-QT2-2022

Tgt Ion: 92 Resp: 6093

Ion Ratio Lower Upper

92 100

91 175.9 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.270 ug/l

RT: 8.215 min Scan# 2138

Delta R.T. 0.004 min

Lab File: VU049660.D

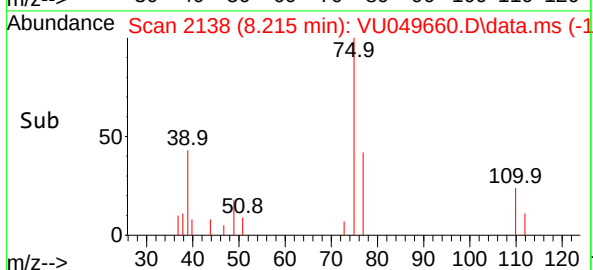
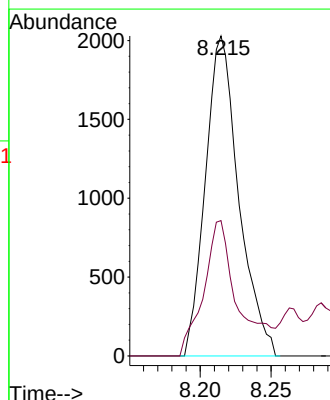
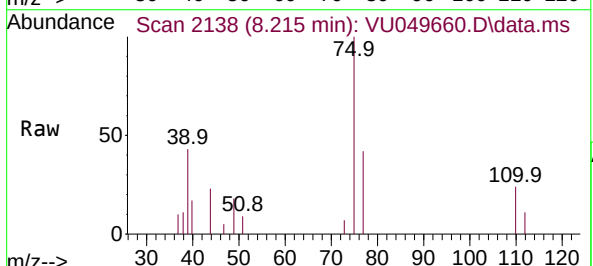
Acq: 08 Jul 2022 17:05

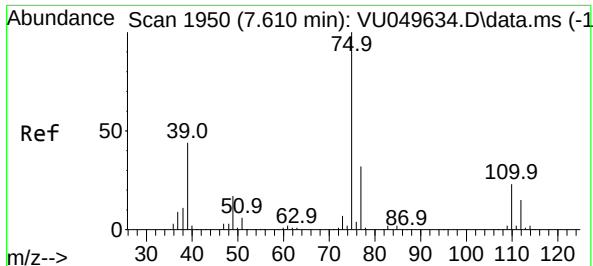
Tgt Ion: 75 Resp: 3318

Ion Ratio Lower Upper

75 100

77 42.3 24.7 37.1#

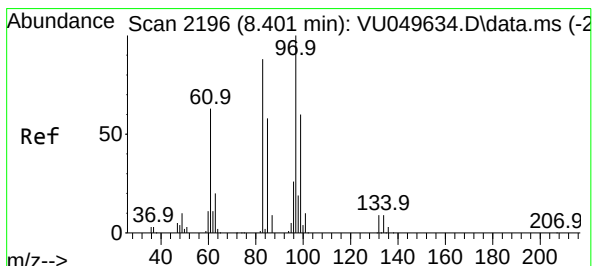
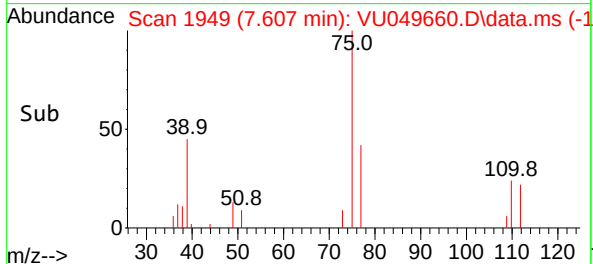
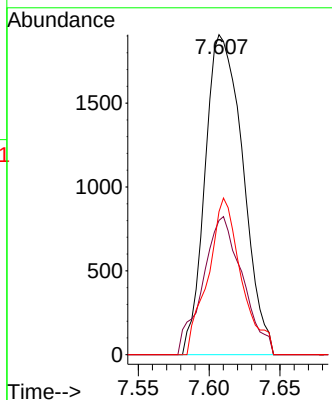
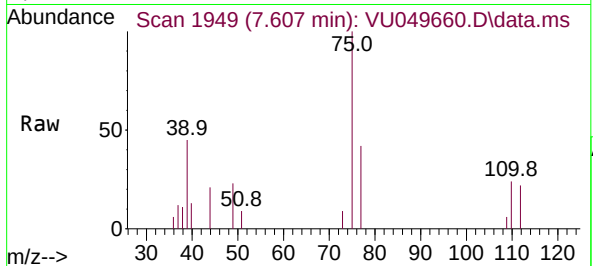




#51
 cis-1,3-Dichloropropene
 Concen: 0.244 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.003 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

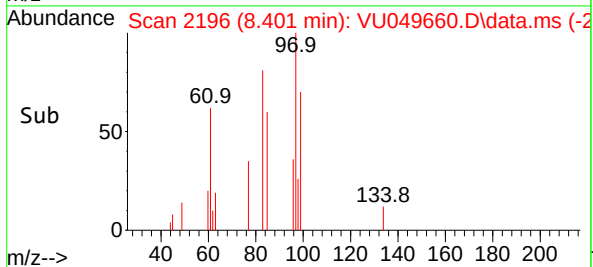
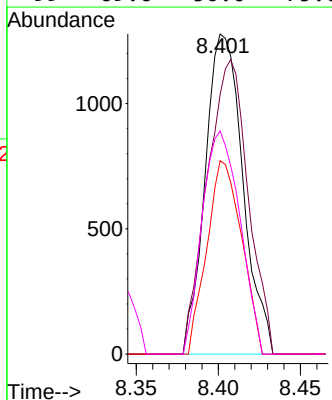
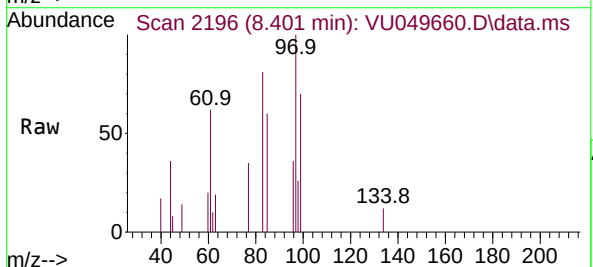
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2022

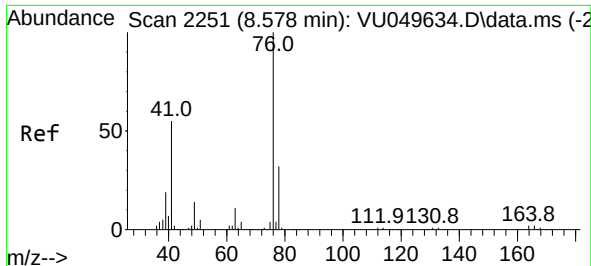
Tgt Ion: 75 Resp: 3545
 Ion Ratio Lower Upper
 75 100
 77 42.0 25.4 38.0#
 39 44.7 35.1 52.7



#52
 1,1,2-Trichloroethane
 Concen: 0.279 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

Tgt Ion: 97 Resp: 2041
 Ion Ratio Lower Upper
 97 100
 83 81.1 70.6 106.0
 85 60.4 46.2 69.4
 99 69.6 50.0 75.0





#53

1,3-Dichloropropane

Concen: 0.301 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

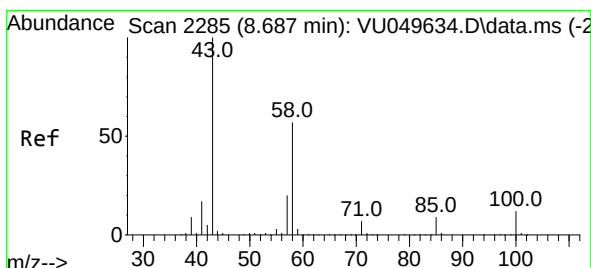
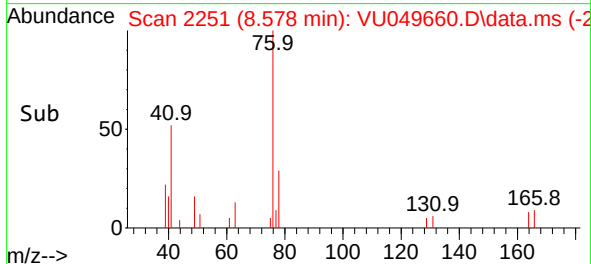
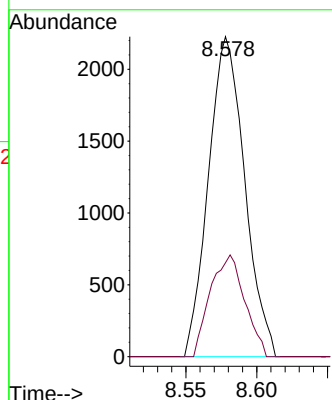
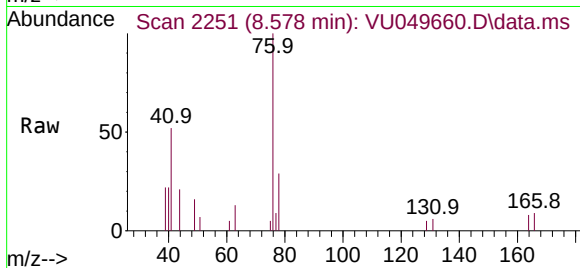
MDL-WATER-03-QT2-2022

Tgt Ion: 76 Resp: 3956

Ion Ratio Lower Upper

76 100

78 30.2 26.0 39.0



#54

2-Hexanone

Concen: 1.454 ug/l

RT: 8.697 min Scan# 2288

Delta R.T. 0.010 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

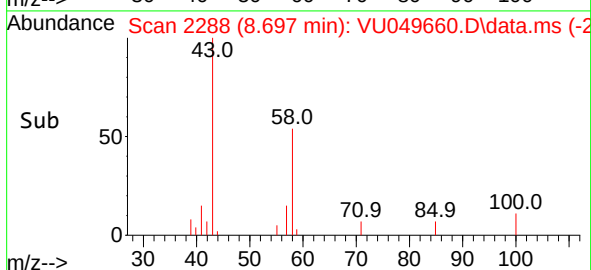
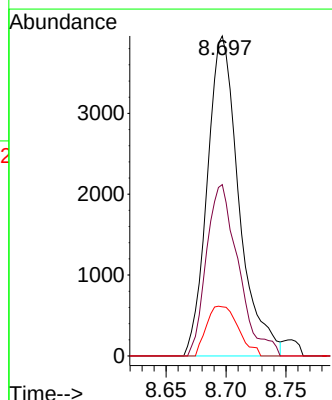
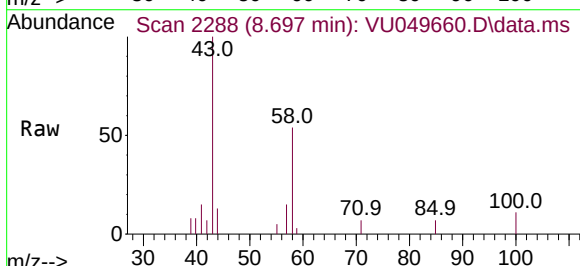
Tgt Ion: 43 Resp: 7270

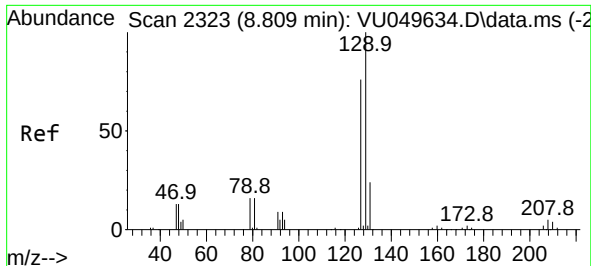
Ion Ratio Lower Upper

43 100

58 54.1 37.1 77.1

57 15.5 0.0 39.5

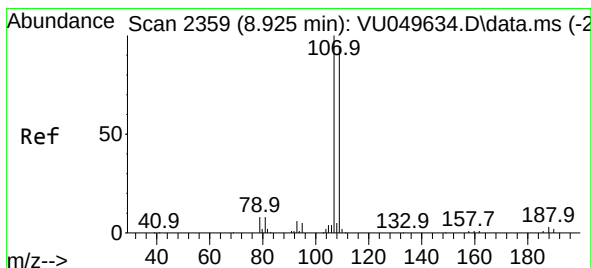
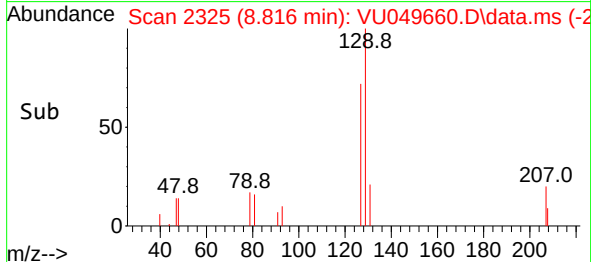
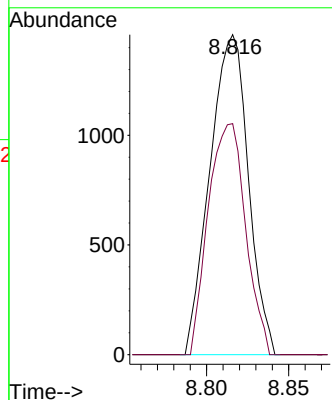
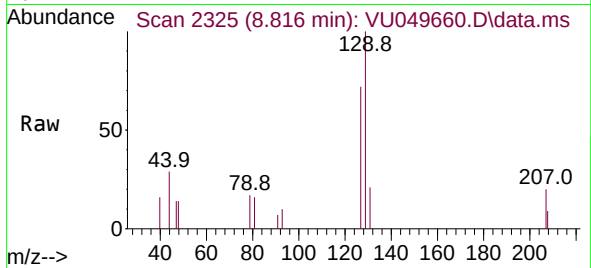




#55
Dibromochloromethane
Concen: 0.285 ug/l
RT: 8.816 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

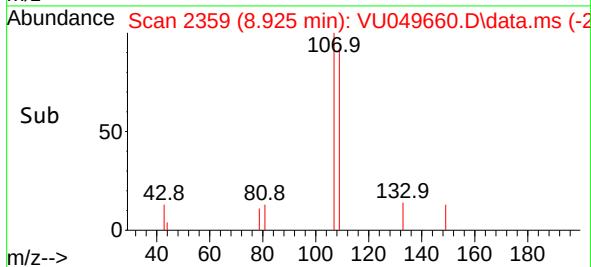
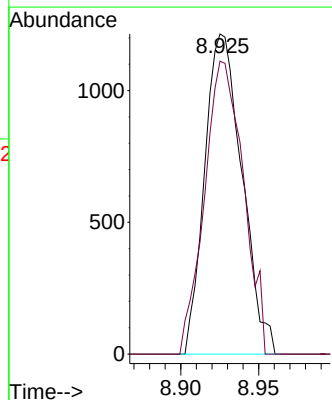
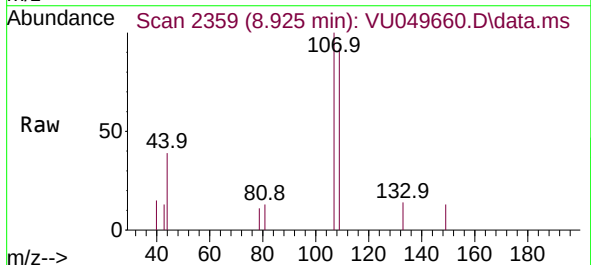
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

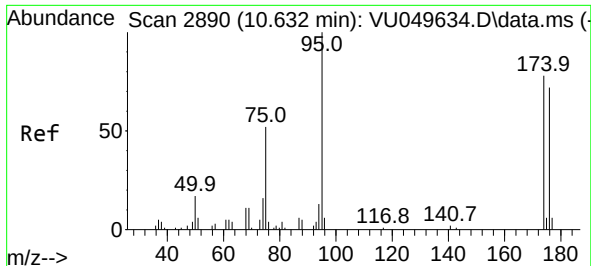
Tgt Ion:129 Resp: 2379
Ion Ratio Lower Upper
129 100
127 70.0 61.2 91.8



#56
1,2-Dibromoethane
Concen: 0.286 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:107 Resp: 2026
Ion Ratio Lower Upper
107 100
109 95.3 0.0 187.2

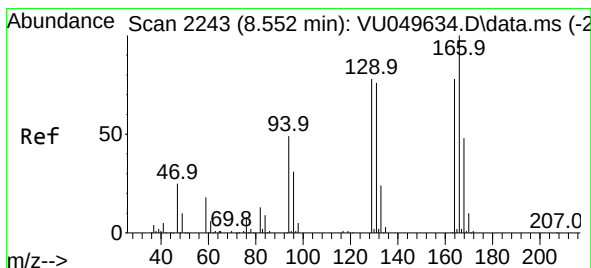
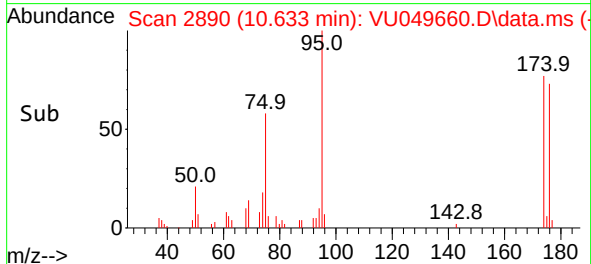
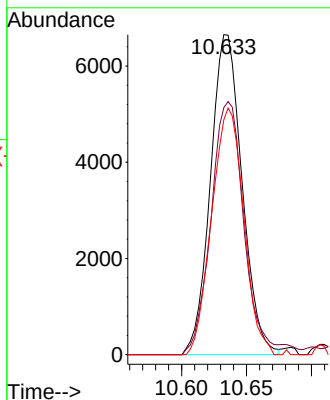
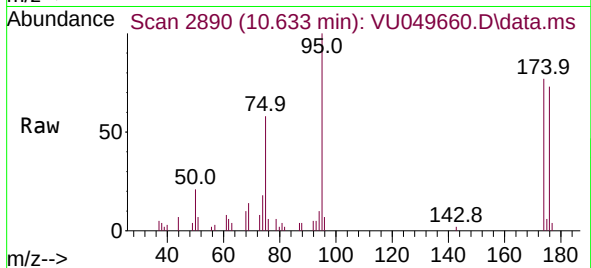




#57
4-Bromofluorobenzene
Concen: 0.829 ug/l
RT: 10.633 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

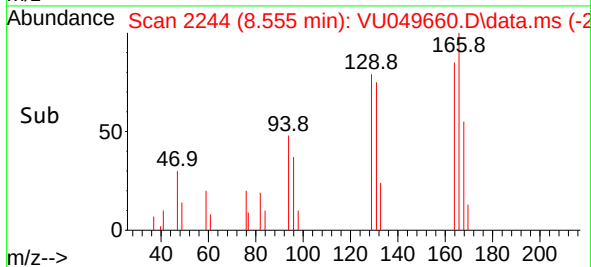
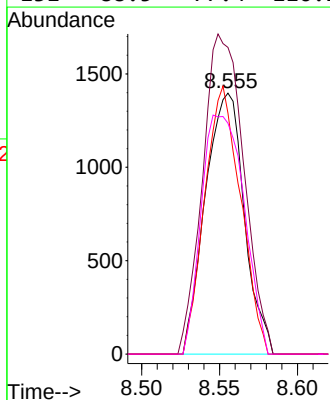
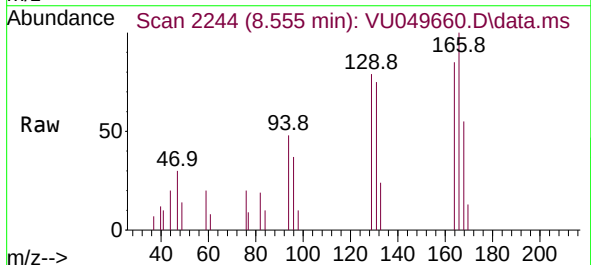
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

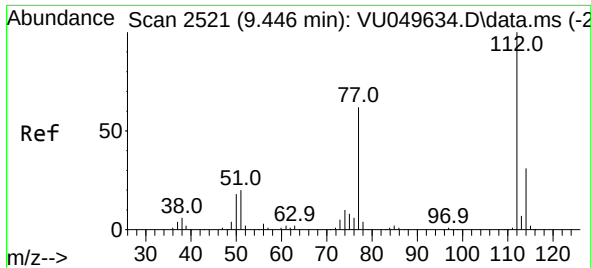
Tgt Ion: 95 Resp: 11228
Ion Ratio Lower Upper
95 100
174 83.4 62.4 93.6
176 78.1 56.2 84.2



#58
Tetrachloroethene
Concen: 0.288 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 164 Resp: 2430
Ion Ratio Lower Upper
164 100
166 117.5 102.4 153.6
129 92.3 79.5 119.3
131 88.5 77.4 116.2

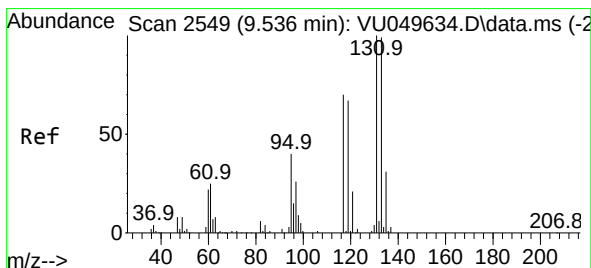
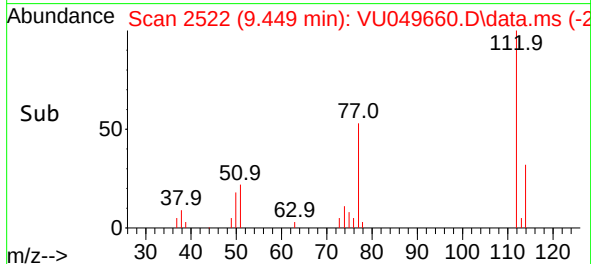
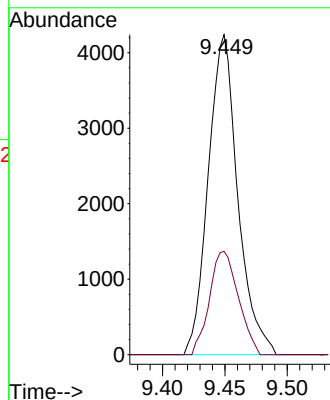
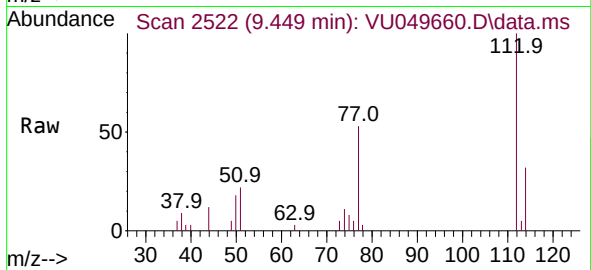




#59
Chlorobenzene
Concen: 0.272 ug/l
RT: 9.449 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

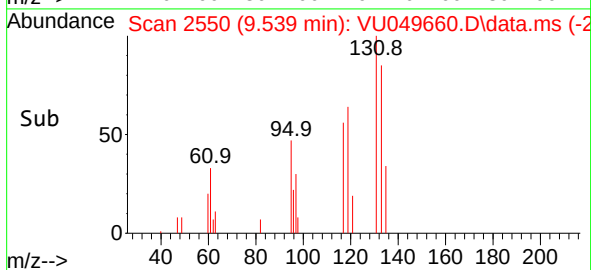
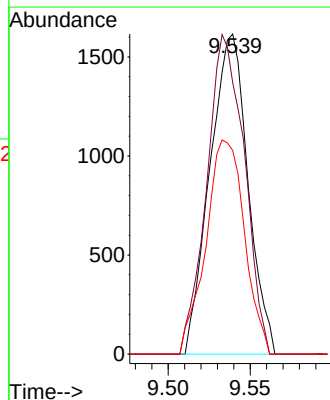
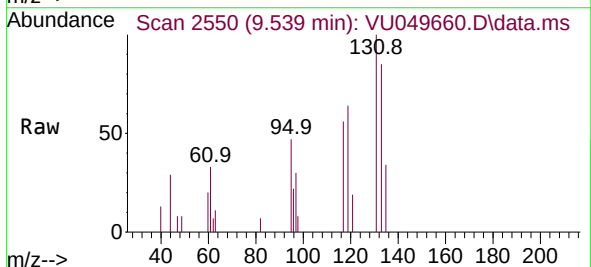
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

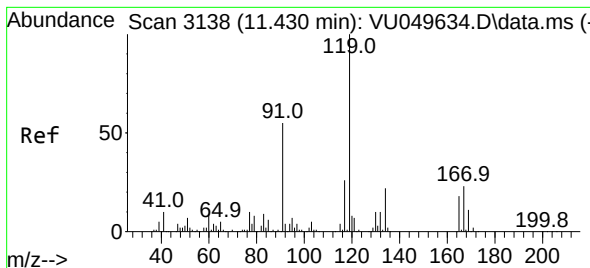
Tgt Ion:112 Resp: 6984
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3



#60
1,1,1,2-Tetrachloroethane
Concen: 0.284 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:131 Resp: 2599
Ion Ratio Lower Upper
131 100
133 98.5 78.3 117.5
119 67.8 53.2 79.8





#61

Pentachloroethane

Concen: 0.276 ug/l

RT: 11.430 min Scan# 3138

Delta R.T. 0.000 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

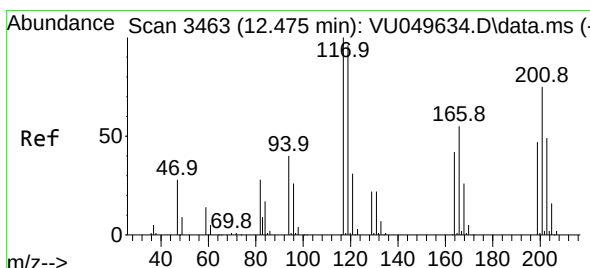
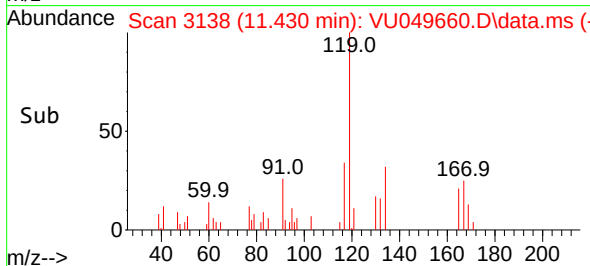
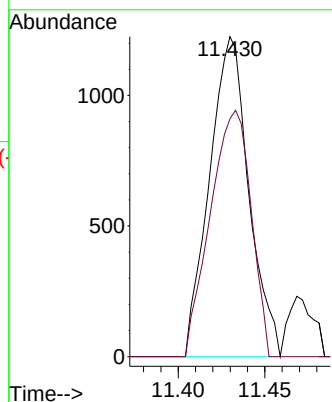
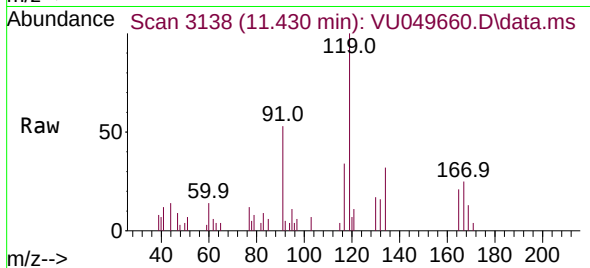
MDL-WATER-03-QT2-2022

Tgt Ion:117 Resp: 1935

Ion Ratio Lower Upper

117 100

167 79.5 66.2 99.4



#62

Hexachloroethane

Concen: 0.255 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. 0.000 min

Lab File: VU049660.D

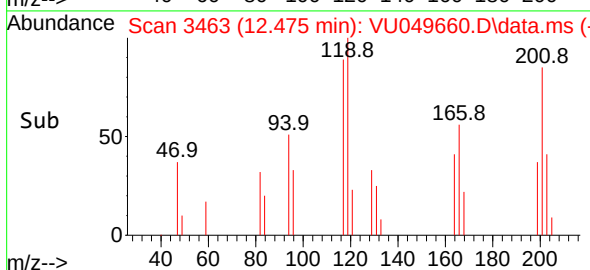
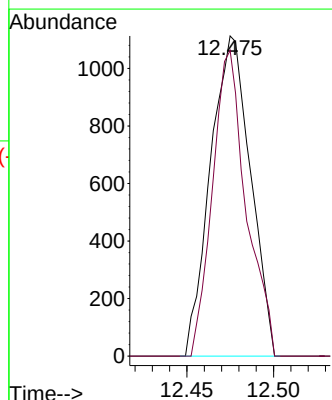
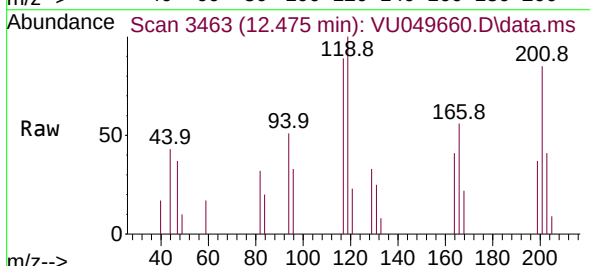
Acq: 08 Jul 2022 17:05

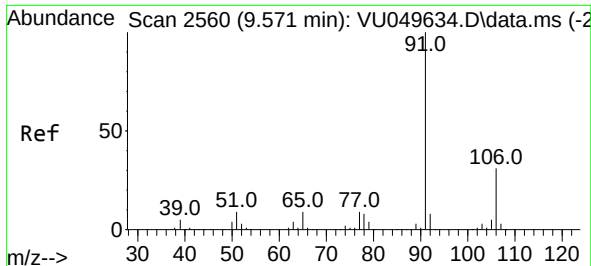
Tgt Ion:117 Resp: 1789

Ion Ratio Lower Upper

117 100

201 80.3 61.0 91.4

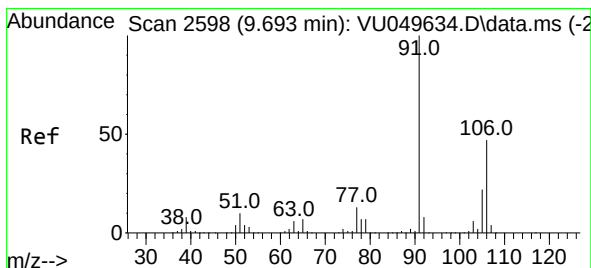
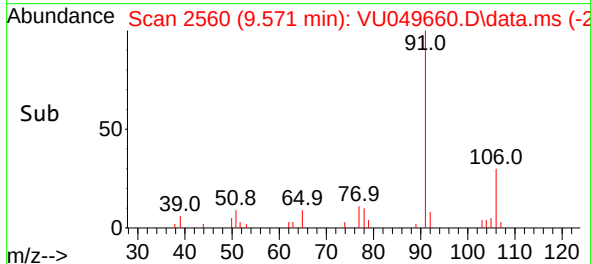
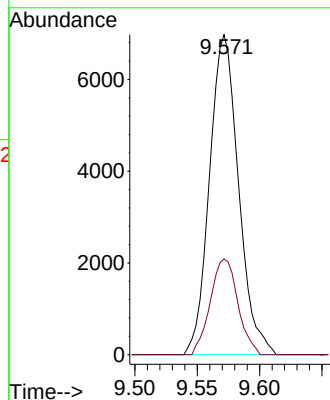
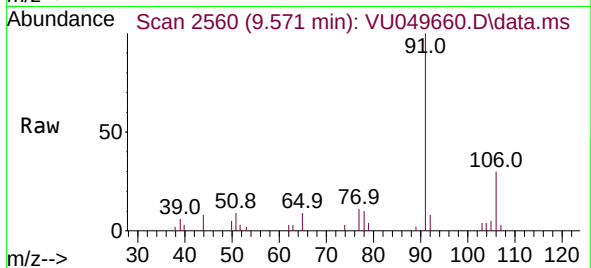




#63
Ethyl Benzene
Concen: 0.244 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

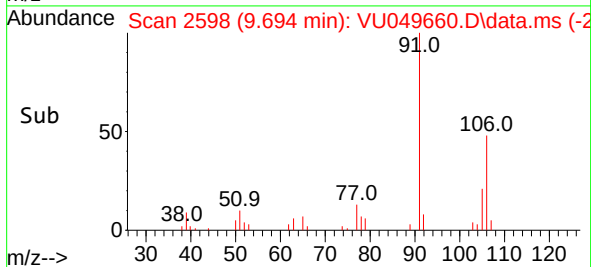
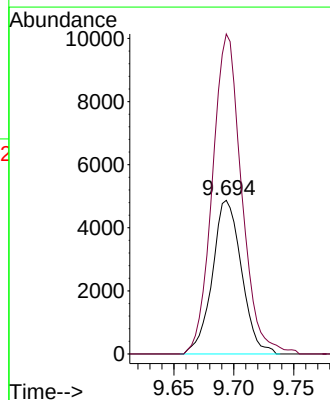
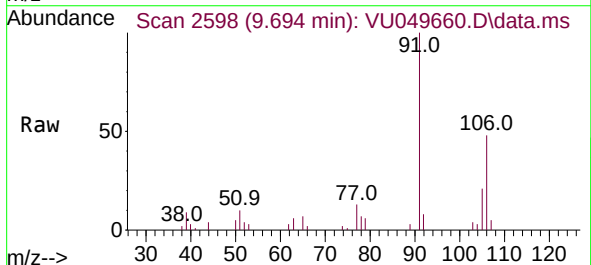
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

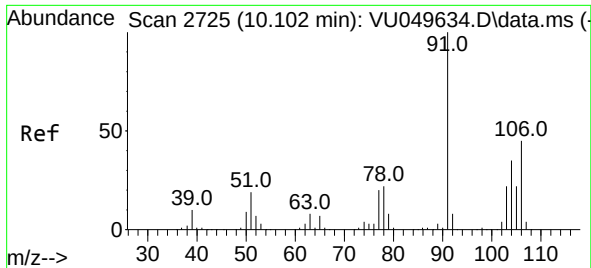
Tgt Ion: 91 Resp: 11300
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#64
m/p-Xylenes
Concen: 0.482 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 106 Resp: 8246
Ion Ratio Lower Upper
106 100
91 208.4 167.8 251.6

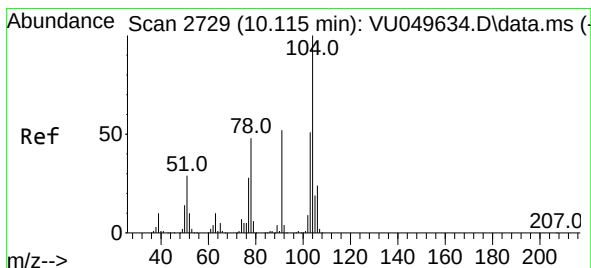
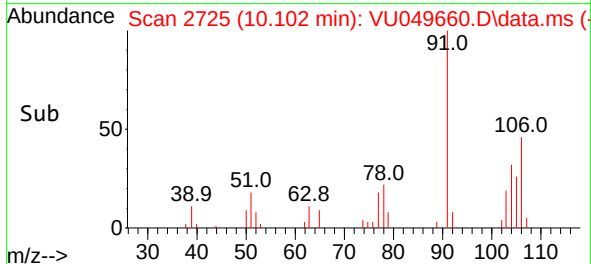
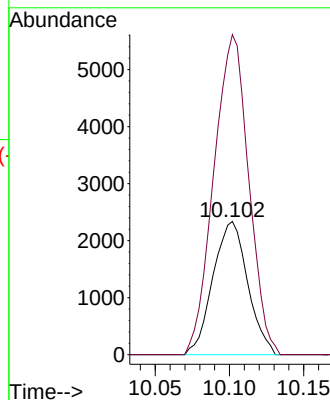
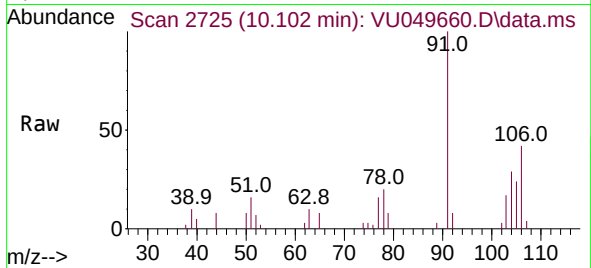




#65
o-Xylene
Concen: 0.226 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

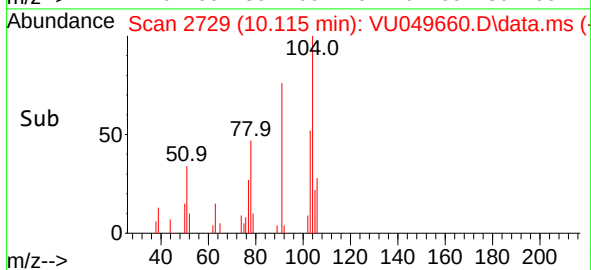
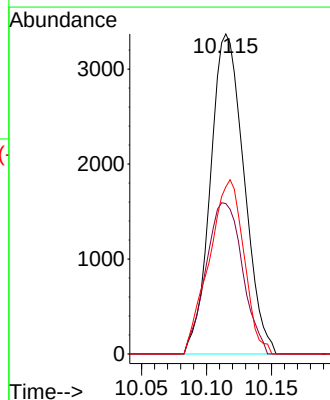
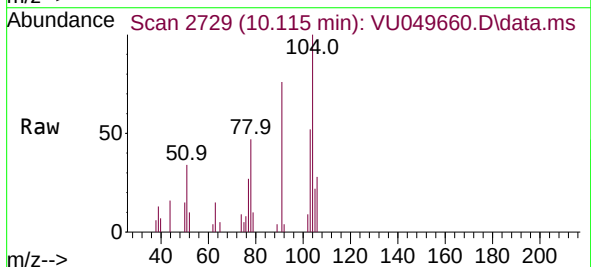
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

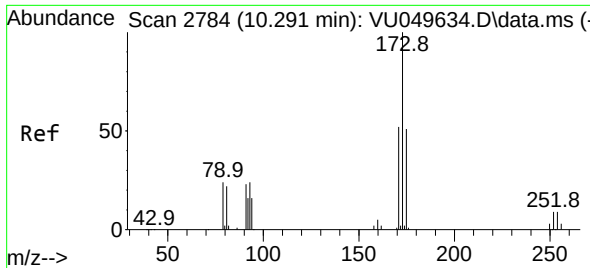
Tgt Ion:106 Resp: 3804
Ion Ratio Lower Upper
106 100
91 241.1 111.1 333.2



#66
Styrene
Concen: 0.224 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:104 Resp: 6044
Ion Ratio Lower Upper
104 100
78 51.5 42.1 63.1
103 56.4 44.5 66.7

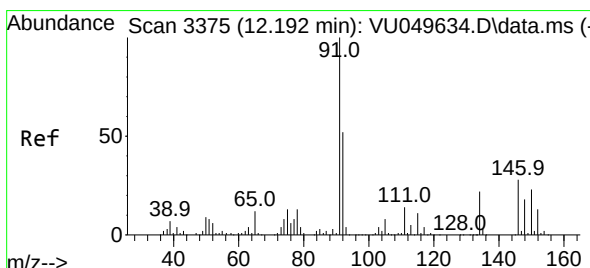
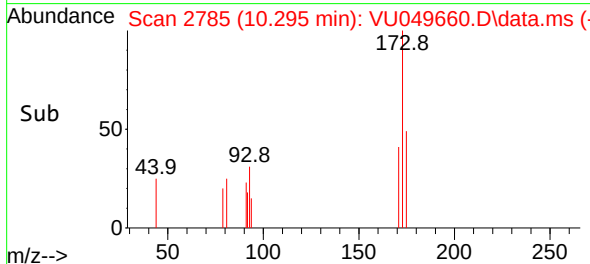
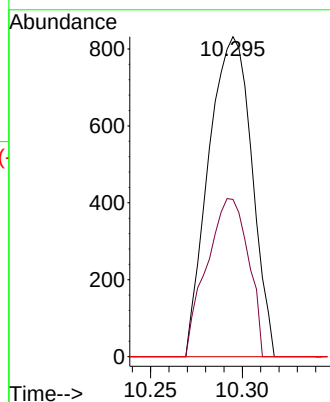
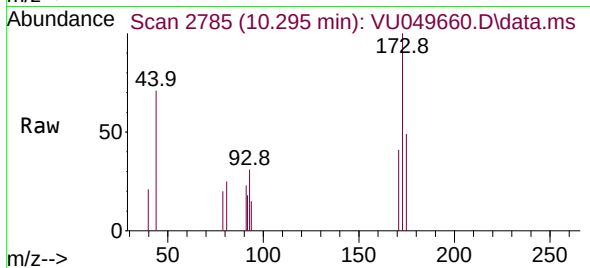




#67
Bromoform
Concen: 0.285 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

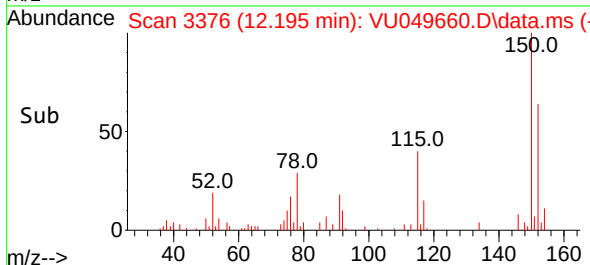
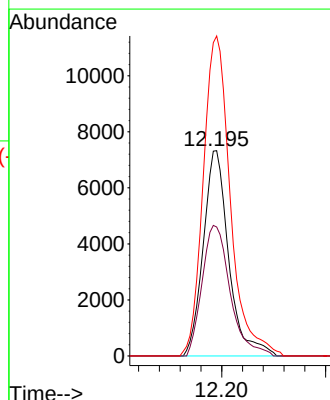
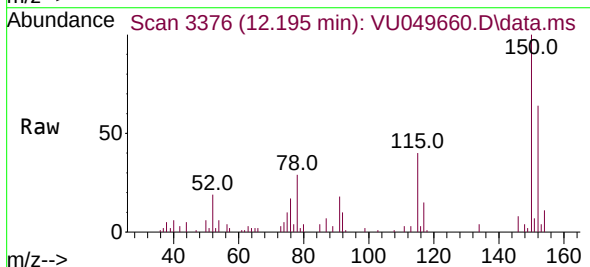
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

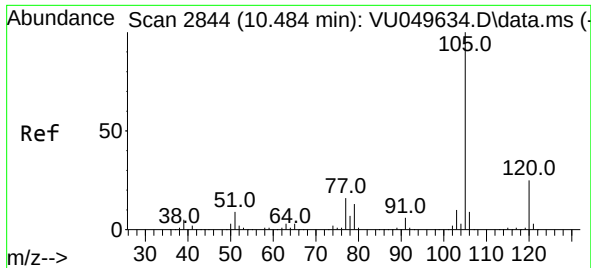
Tgt Ion:173 Resp: 1362
Ion Ratio Lower Upper
173 100
175 47.4 38.4 57.6
254 0.0 7.7 11.5#



#68
1,2-Dichlorobenzene-d4
Concen: 1.000 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:152 Resp: 12470
Ion Ratio Lower Upper
152 100
115 69.9 0.0 254.6
150 165.9 0.0 623.6

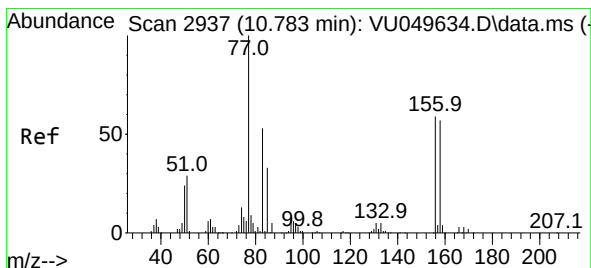
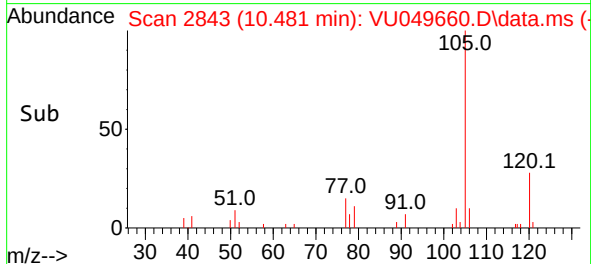
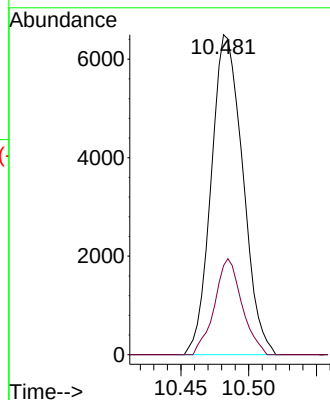
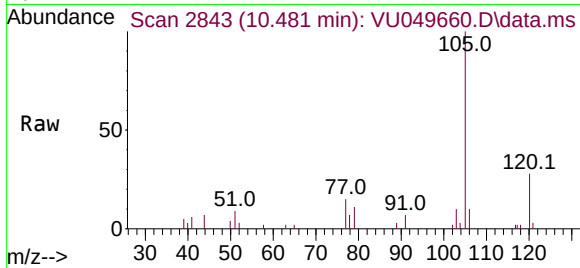




#69
Isopropylbenzene
Concen: 0.234 ug/l
RT: 10.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

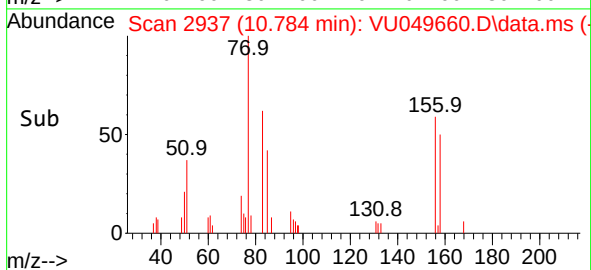
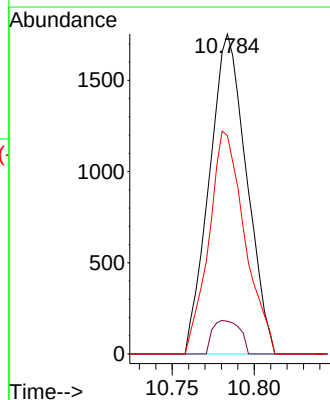
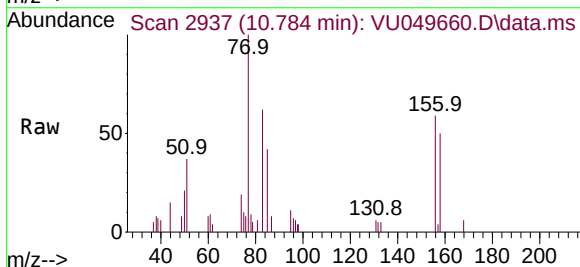
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

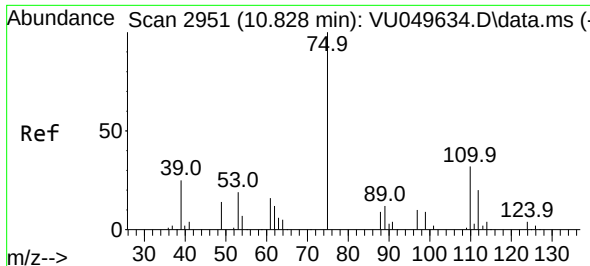
Tgt Ion:105 Resp: 10517
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.290 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 83 Resp: 2759
Ion Ratio Lower Upper
83 100
131 7.7 7.7 11.5
85 67.1 51.2 76.8

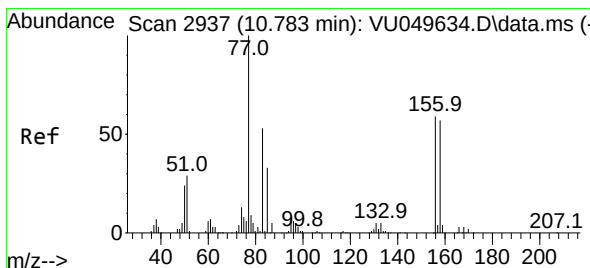
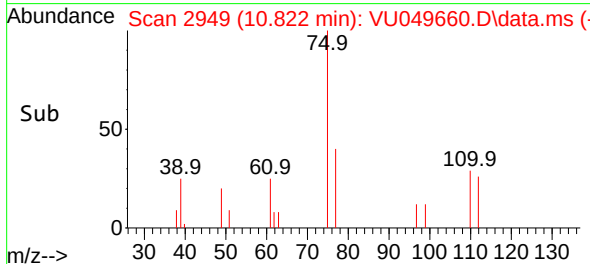
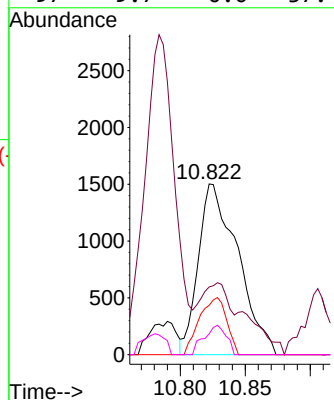
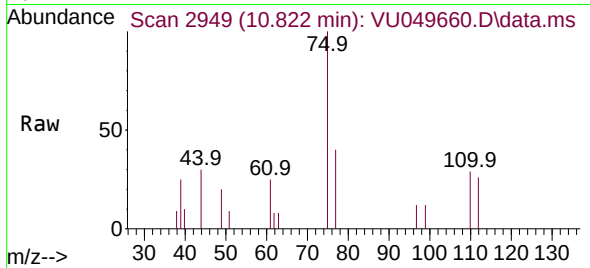




#71
1,2,3-Trichloropropane
Concen: 0.403 ug/l
RT: 10.822 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

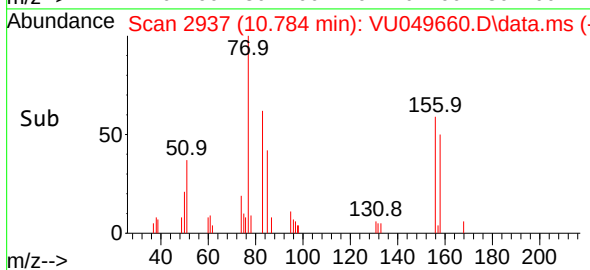
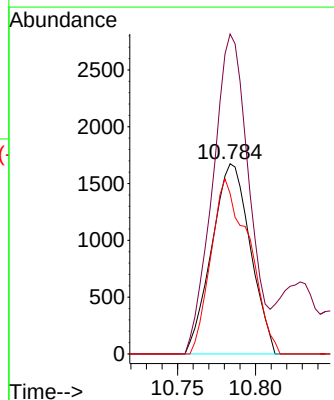
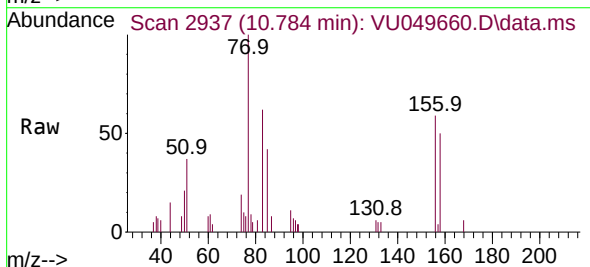
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

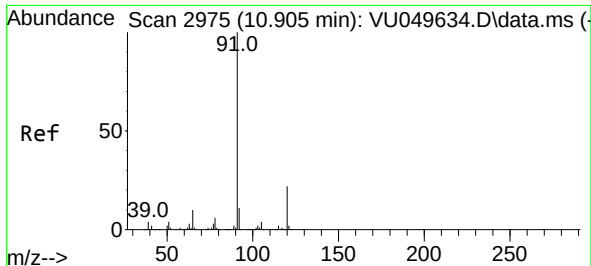
Tgt Ion:	75	Resp:	3174
Ion	Ratio	Lower	Upper
75	100		
77	13.0	0.0	112.4
110	23.0	0.0	70.6
97	9.7	0.0	37.4



#72
Bromobenzene
Concen: 0.284 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:	156	Resp:	2873
Ion	Ratio	Lower	Upper
156	100		
77	158.4	0.0	344.4
158	91.2	0.0	192.2

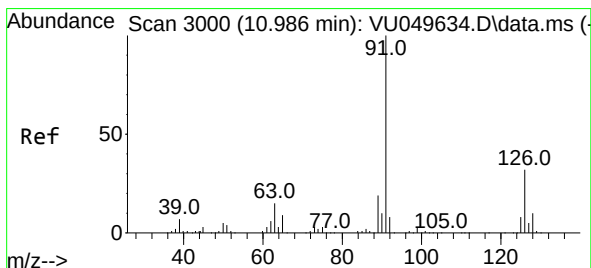
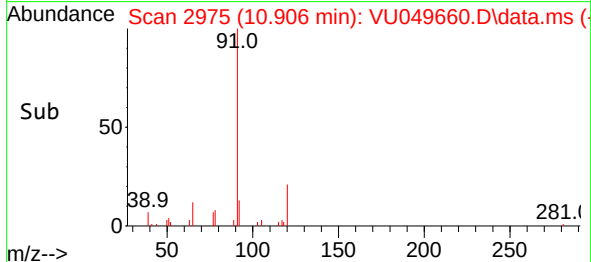
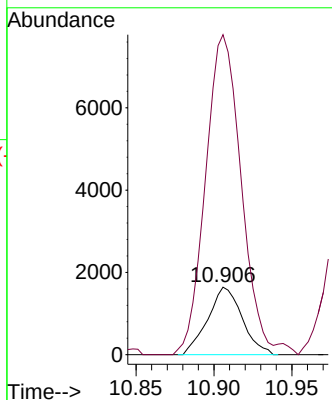
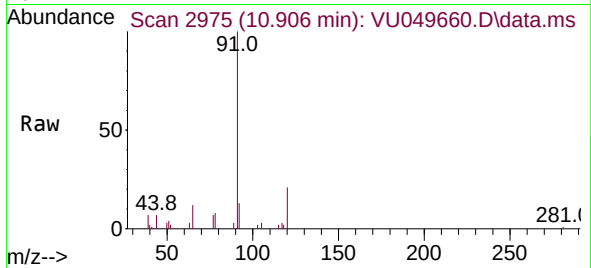




#73
n-propylbenzene
Concen: 0.222 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

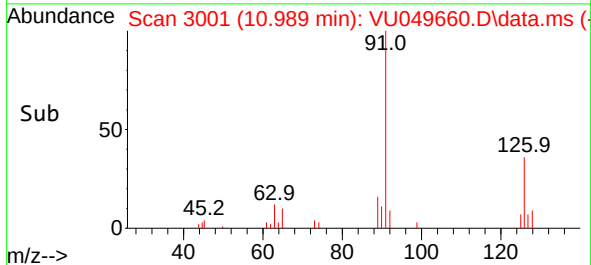
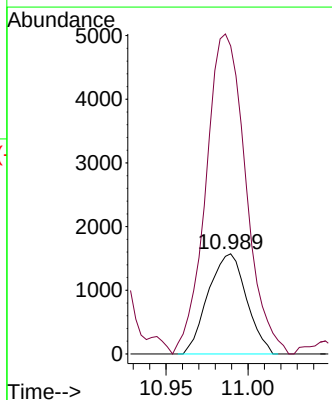
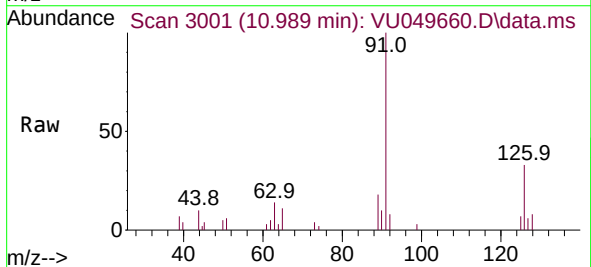
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

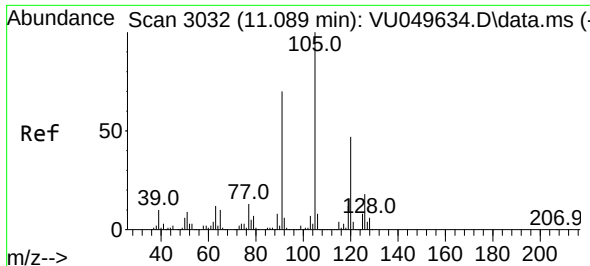
Tgt Ion:120 Resp: 2518
Ion Ratio Lower Upper
120 100
91 494.7 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.253 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:126 Resp: 2553
Ion Ratio Lower Upper
126 100
91 332.2 0.0 620.6

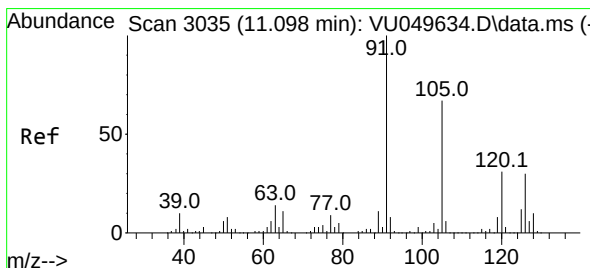
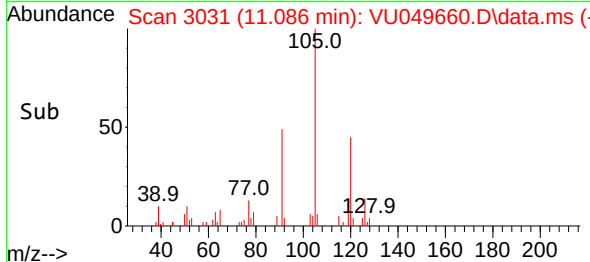
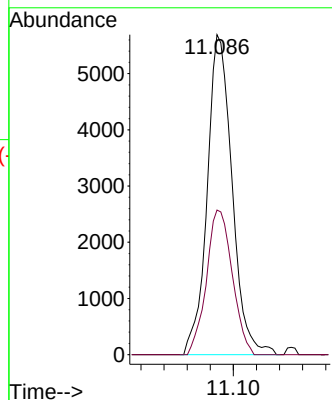
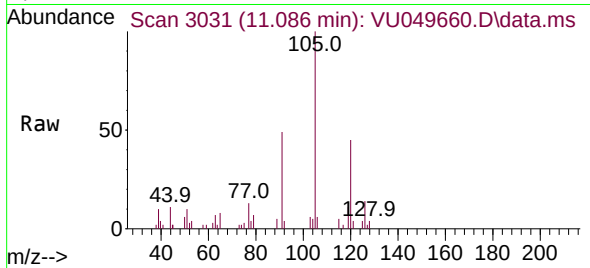




#75
1,3,5-Trimethylbenzene
Concen: 0.227 ug/l
RT: 11.086 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

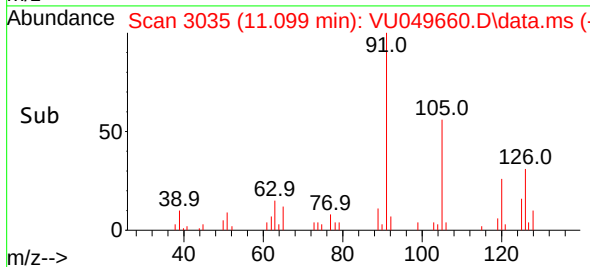
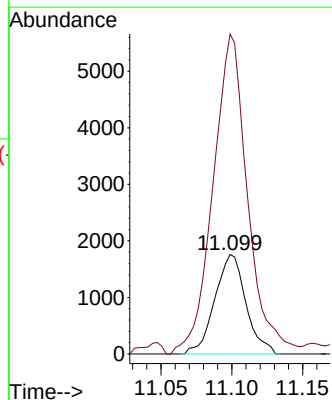
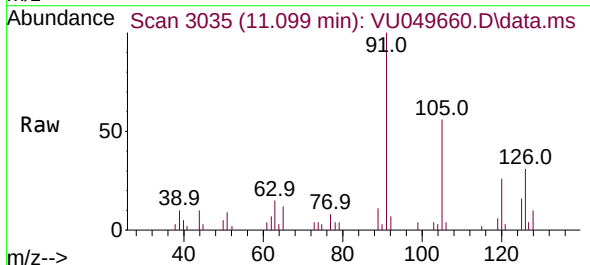
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

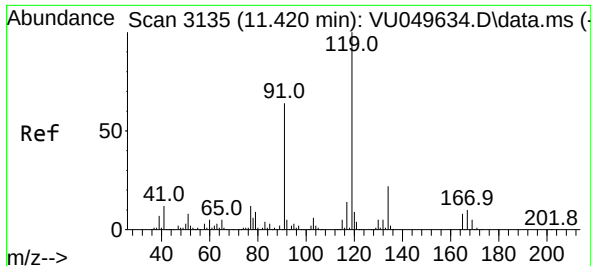
Tgt Ion:105 Resp: 8523
Ion Ratio Lower Upper
105 100
120 46.7 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.265 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:126 Resp: 2683
Ion Ratio Lower Upper
126 100
91 357.6 0.0 738.8

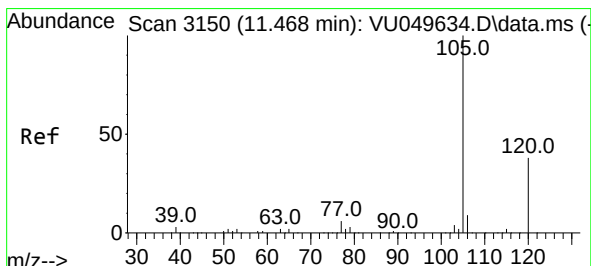
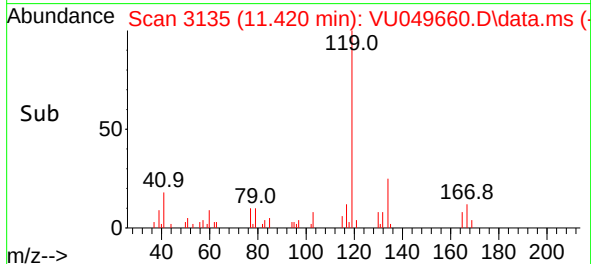
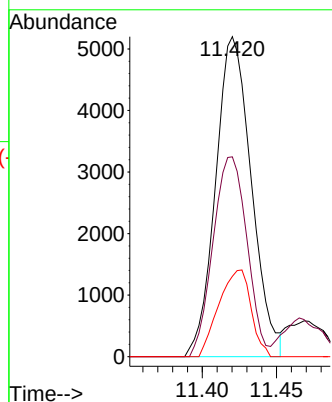
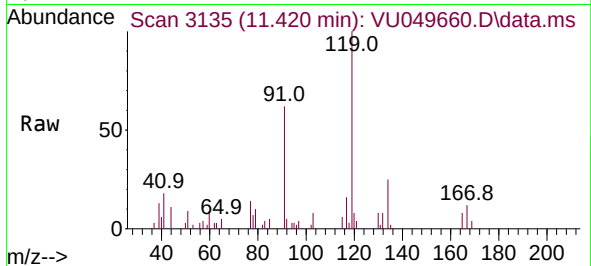




#77
tert-Butylbenzene
Concen: 0.236 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

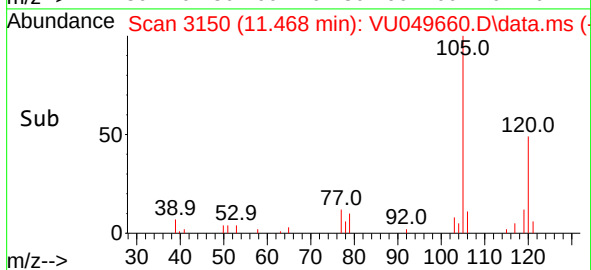
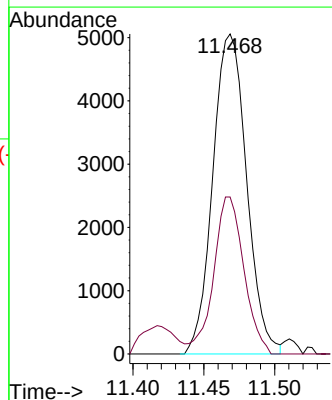
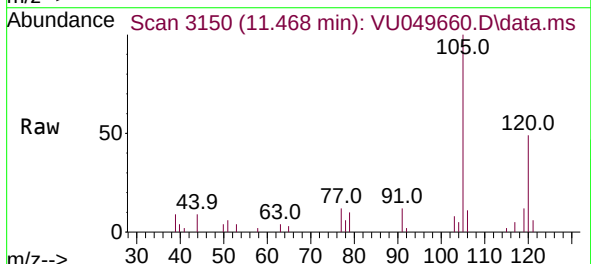
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

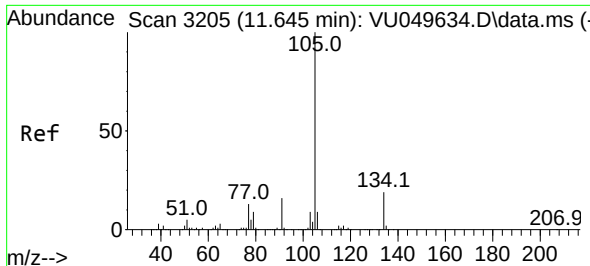
Tgt Ion:	119	Resp:	8718
Ion Ratio	Lower	Upper	
119	100		
91	59.3	30.4	91.3
134	24.3	17.8	26.6



#78
1,2,4-Trimethylbenzene
Concen: 0.223 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:	105	Resp:	8404
Ion Ratio	Lower	Upper	
105	100		
120	44.0	21.6	65.0

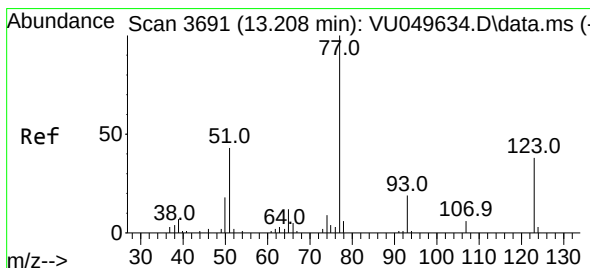
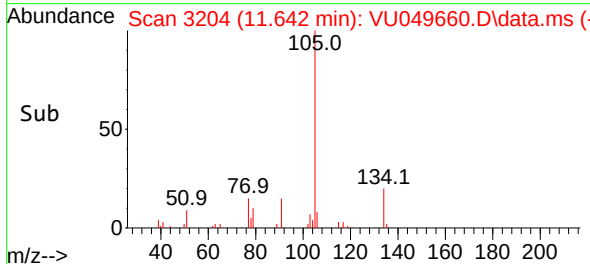
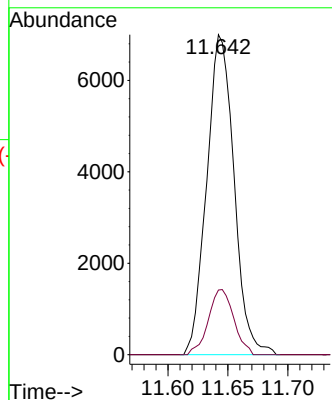
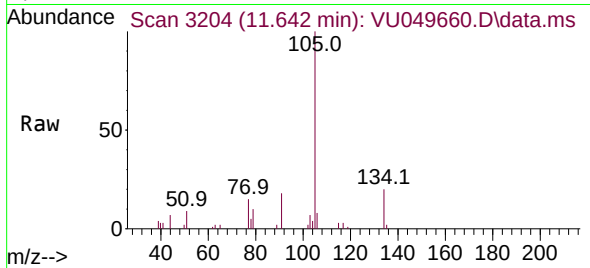




#79
 sec-Butylbenzene
 Concen: 0.229 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

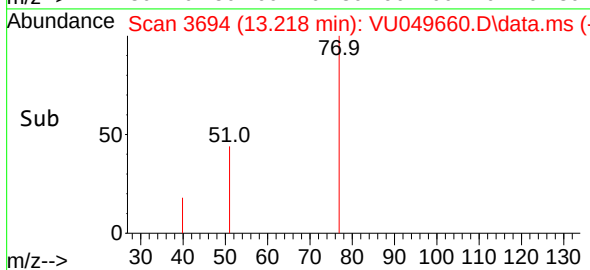
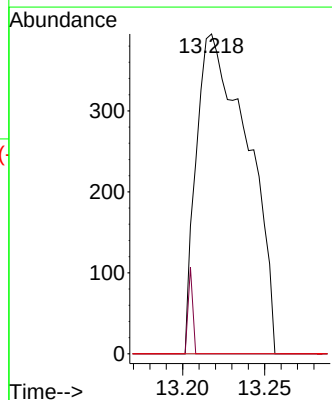
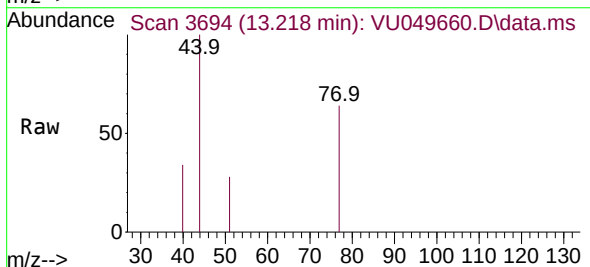
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

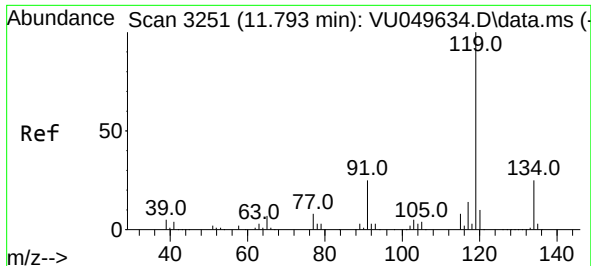
Tgt Ion:105 Resp: 11076
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.0



#80
 Nitrobenzene
 Concen: 2.198 ug/l
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

Tgt Ion: 77 Resp: 855
 Ion Ratio Lower Upper
 77 100
 123 2.5 18.1 64.3#
 65 0.0 10.8 13.8#

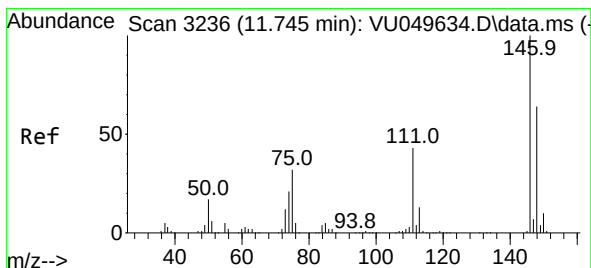
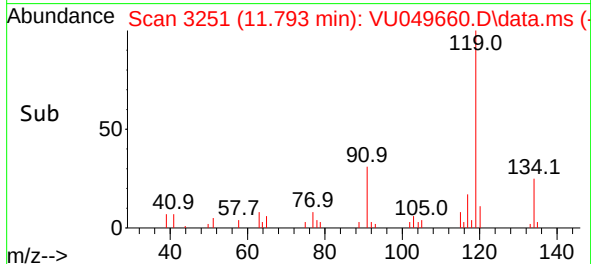
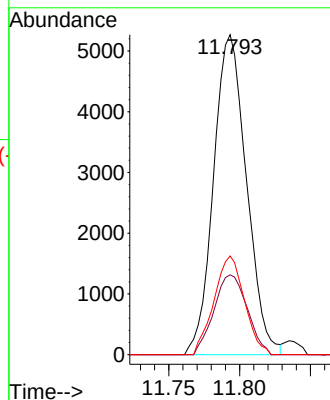
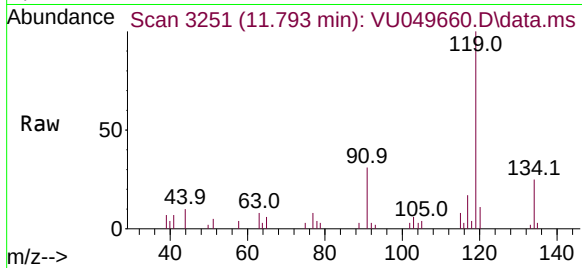




#81
p-Isopropyltoluene
Concen: 0.217 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

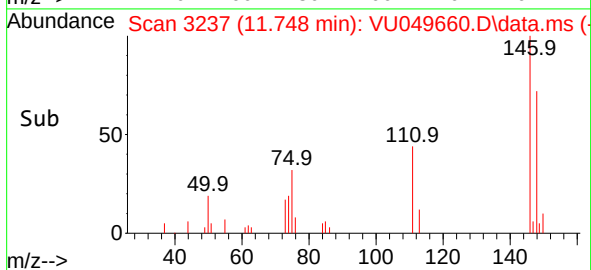
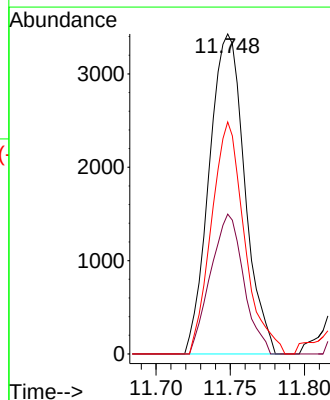
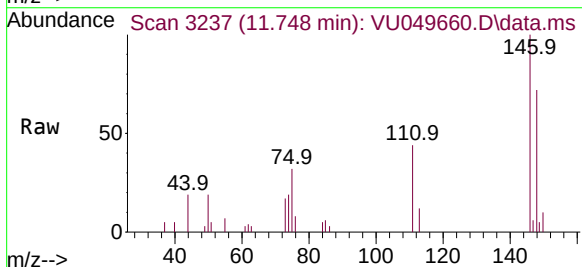
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

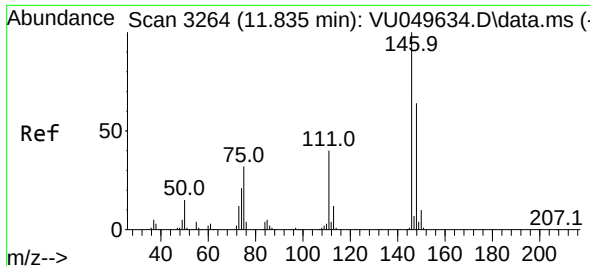
Tgt Ion:	119	Resp:	8514
Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.5	30.7
91	28.5	19.8	29.6



#82
1,3-Dichlorobenzene
Concen: 0.291 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:	146	Resp:	5699
Ion	Ratio	Lower	Upper
146	100		
111	40.7	33.4	50.2
148	67.4	51.2	76.8

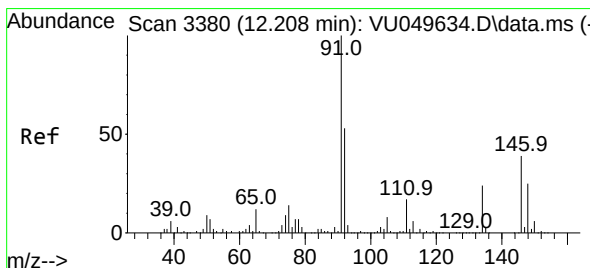
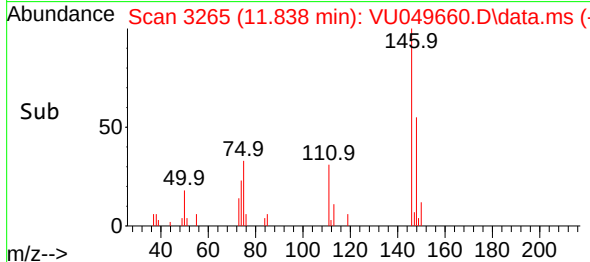
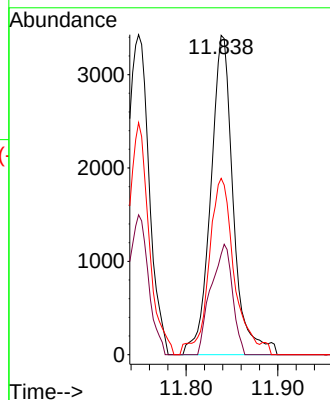
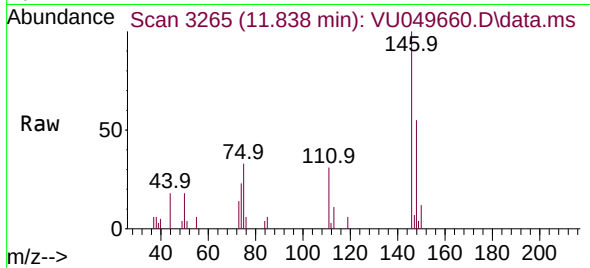




#83
1,4-Dichlorobenzene
Concen: 0.296 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

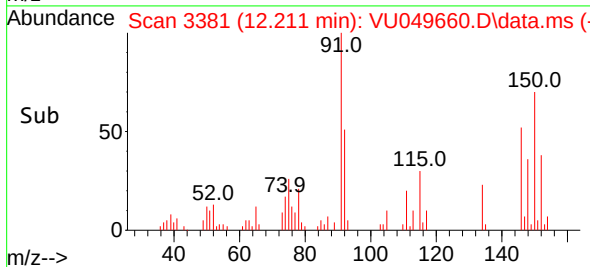
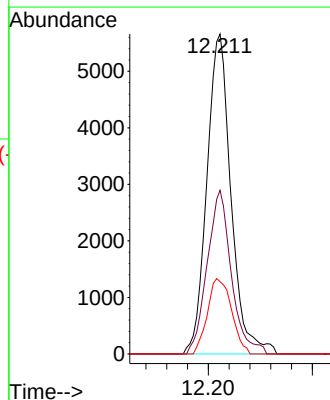
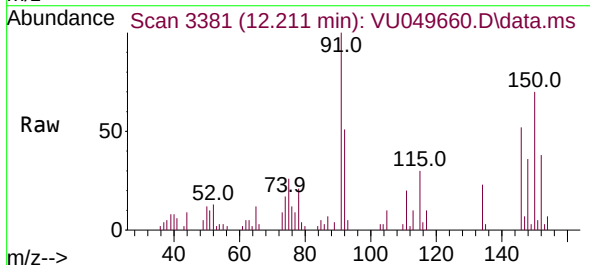
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

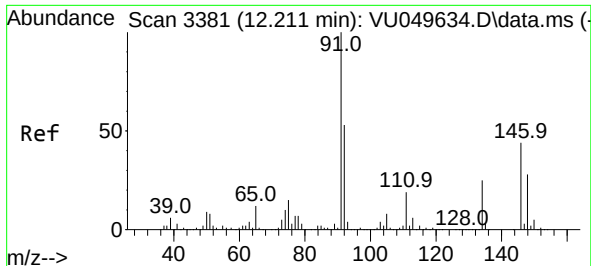
Tgt Ion:	146	Resp:	5845
Ion	Ratio	Lower	Upper
146	100		
111	32.7	32.6	49.0
148	61.2	51.6	77.4



#84
n-Butylbenzene
Concen: 0.249 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:	91	Resp:	9109
Ion	Ratio	Lower	Upper
91	100		
92	51.2	42.3	63.5
134	23.5	19.6	29.4

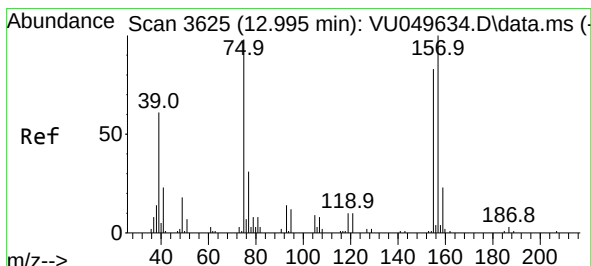
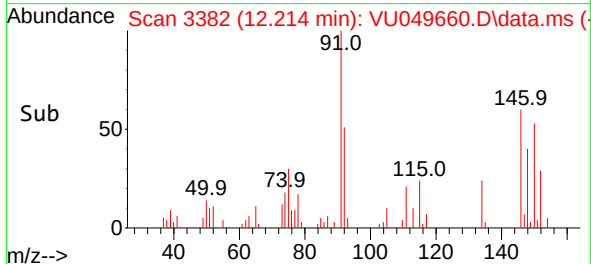
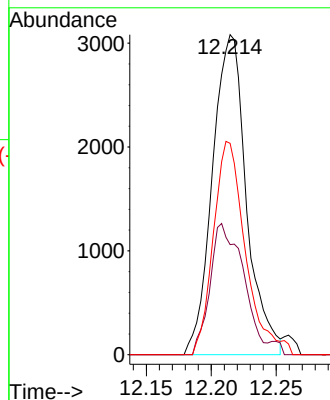
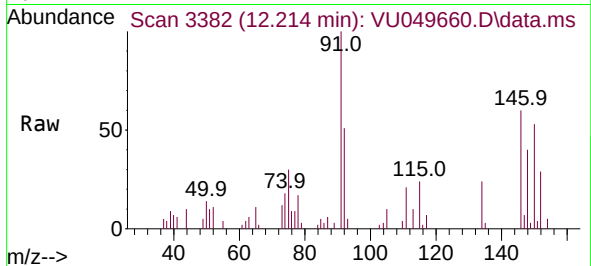




#85
1,2-Dichlorobenzene
Concen: 0.296 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

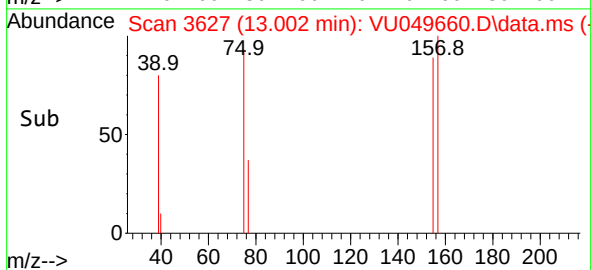
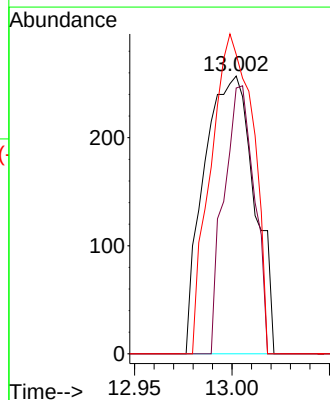
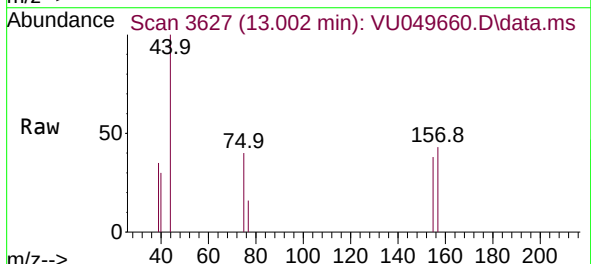
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

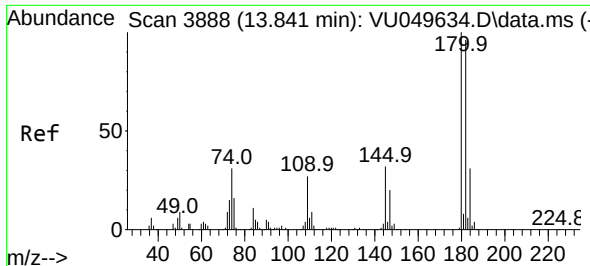
Tgt Ion:146 Resp: 5608
Ion Ratio Lower Upper
146 100
111 40.3 22.1 66.1
148 62.8 32.1 96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.279 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 75 Resp: 462
Ion Ratio Lower Upper
75 100
155 58.2 66.8 100.2#
157 96.8 83.8 125.8

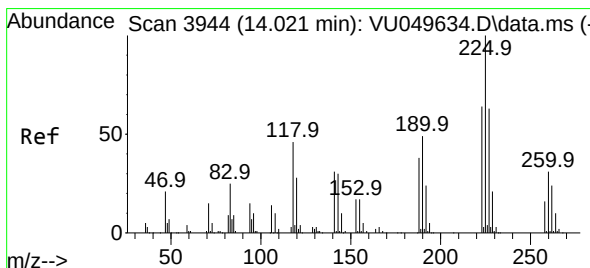
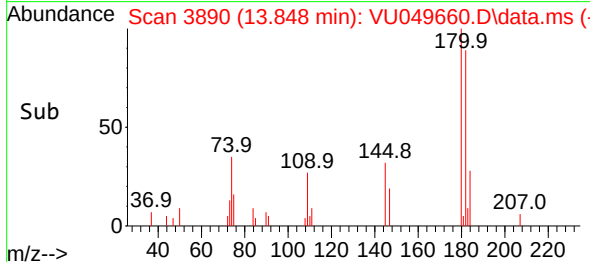
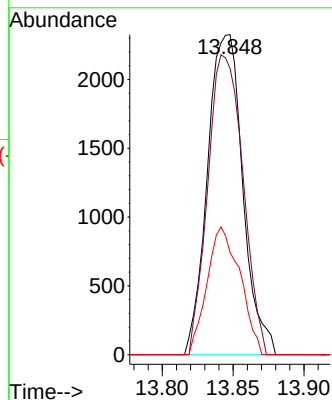
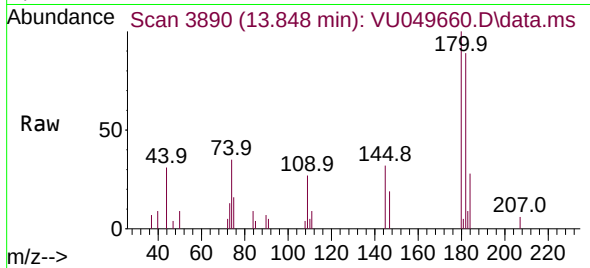




#87
 1,2,4-Trichlorobenzene
 Concen: 0.315 ug/l
 RT: 13.848 min Scan# 3888
 Delta R.T. 0.007 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

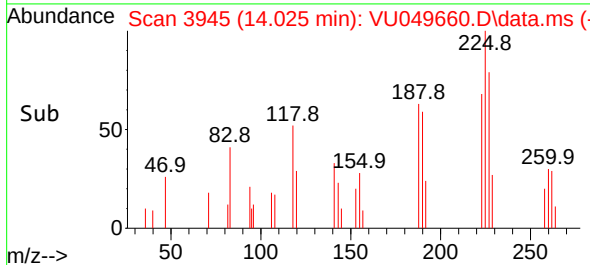
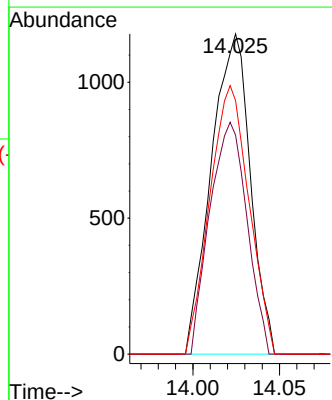
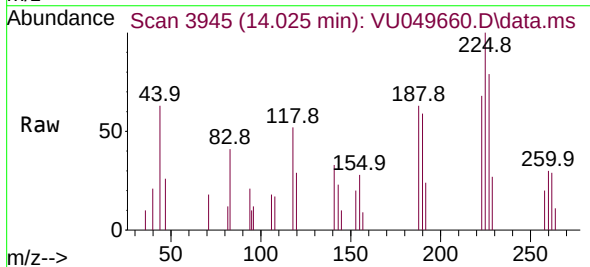
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

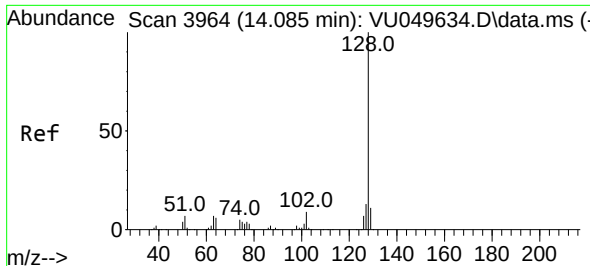
Tgt Ion:180 Resp: 4026
 Ion Ratio Lower Upper
 180 100
 182 93.2 77.0 115.6
 145 37.3 25.7 38.5



#88
 Hexachlorobutadiene
 Concen: 0.284 ug/l
 RT: 14.025 min Scan# 3945
 Delta R.T. 0.004 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

Tgt Ion:225 Resp: 1850
 Ion Ratio Lower Upper
 225 100
 223 69.0 50.6 76.0
 227 84.1 50.7 76.1#

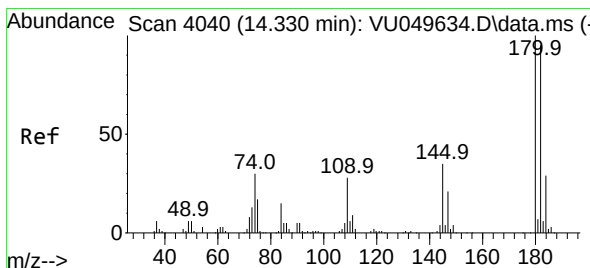
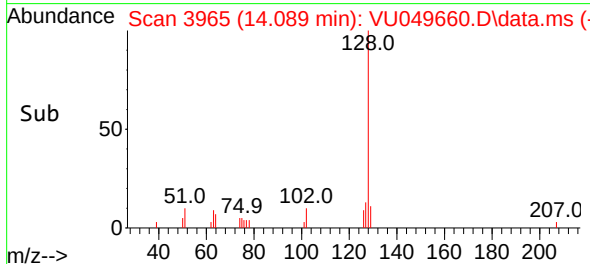
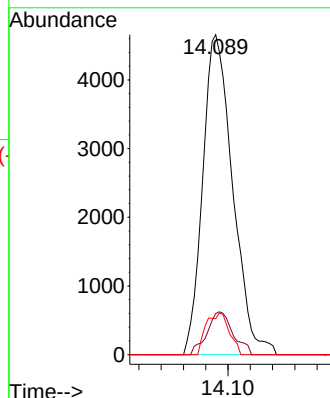
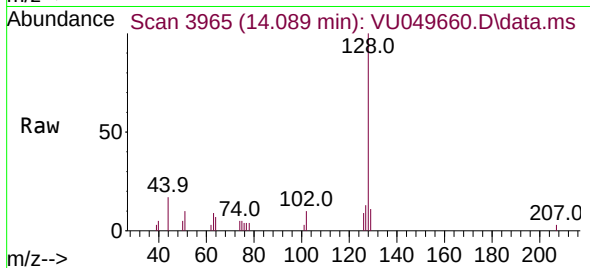




#89
Naphthalene
Concen: 0.325 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

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

Tgt Ion:	128	Resp:	8708
Ion Ratio	Lower	Upper	
128	100		
127	11.6	10.1	15.1
129	10.0	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.335 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:	180	Resp:	4093
Ion Ratio	Lower	Upper	
180	100		
182	91.6	76.6	114.8
145	31.2	27.3	40.9

