

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070722\
 Data File : VU049650.D
 Acq On : 07 Jul 2022 13:33
 Operator : SY/MD
 Sample : N3214-07 0.25ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 08 07:23:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 08 07:22:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	40070	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	14424	0.983	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14713	1.089	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	3652	0.238	ug/l	96
3) Chloromethane	1.530	50	4241	0.270	ug/l	98
4) Vinyl Chloride	1.604	62	3287	0.230	ug/l	100
5) Bromomethane	1.858	94	1851	0.248	ug/l	93
6) Chloroethane	1.935	64	2009	0.251	ug/l	96
7) Trichlorofluoromethane	2.137	101	3703	0.216	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	1971	0.219	ug/l	94
9) 1,1-Dichloroethene	2.584	96	1896	0.209	ug/l	93
10) Iodomethane	2.723	142	1296	0.112	ug/l	# 85
11) Allyl Chloride	2.922	41	3783	0.244	ug/l	84
12) Acrylonitrile	3.330	53	1300	0.535	ug/l	# 86
13) Acetone	2.645	43	1684	0.879	ug/l	92
14) Carbon Disulfide	2.793	76	6608	0.221	ug/l	96
15) Methylene Chloride	3.047	84	6557	0.576	ug/l	92
16) trans-1,2-Dichloroethene	3.353	96	2560	0.268	ug/l	# 76
17) 1,1-Dichloroethane	3.874	63	4493	0.228	ug/l	# 94
18) 2-Butanone	4.742	43	4009	1.227	ug/l	92
19) Cyclohexane	5.382	56	3607	0.191	ug/l	95
20) Methylcyclohexane	6.764	83	3403	0.183	ug/l	# 81
21) 2,2-Dichloropropane	4.668	77	3483	0.216	ug/l	91
22) cis-1,2-Dichloroethene	4.671	96	2417	0.205	ug/l	91
23) Diethyl Ether	2.382	59	2001	0.259	ug/l	# 73
24) tert-Butyl Alcohol	3.198	59	421	0.477	ug/l	# 73
25) Methyl tert-Butyl Ether	3.372	73	5863	0.231	ug/l	97
26) Bromochloromethane	4.980	128	1130	0.228	ug/l	# 69
27) Chloroform	5.095	83	4588	0.236	ug/l	96
28) 1,1,1-Trichloroethane	5.314	97	3501	0.204	ug/l	92
29) 1,1-Dichloropropene	5.523	75	3395	0.222	ug/l	94
30) Carbon Tetrachloride	5.526	117	3235	0.224	ug/l	89
31) Isopropyl Ether	3.996	45	7515	0.222	ug/l	89
32) Ethyl-t-butyl ether	4.510	59	6694	0.209	ug/l	100
33) Tert-Amyl methyl ether	5.947	73	5143	0.185	ug/l	94
34) Propionitrile	4.812	54	861	0.919	ug/l	# 64
35) Benzene	5.774	78	10068	0.231	ug/l	97
36) 1,2-Dichloroethane	5.806	62	2629	0.212	ug/l	# 84
37) Trichloroethene	6.546	130	2533	0.230	ug/l	84
38) 1,2-Dichloropropane	6.796	63	2571	0.223	ug/l	97
39) Methacrylonitrile	4.986	41	351	0.087	ug/l	# 56
40) Methyl acrylate	4.867	55	1134	0.180	ug/l	# 74
41) Tetrahydrofuran	5.083	42	1569	0.661	ug/l	# 70
42) 1-Chlorobutane	5.465	56	4472	0.209	ug/l	93
43) Dibromomethane	6.925	93	1336	0.232	ug/l	95
44) Bromodichloromethane	7.105	83	3141	0.228	ug/l	# 95

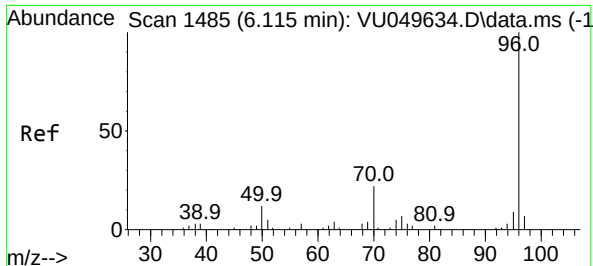
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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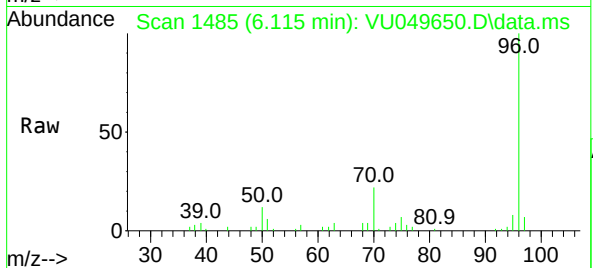
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	8950	1.147	ug/l	95
46) t-1,4-Dichloro-2-butene	10.825	75	2658	1.047	ug/l #	44
47) Methyl methacrylate	6.967	69	2332	0.402	ug/l #	87
48) Ethyl methacrylate	8.340	69	2227	0.192	ug/l	92
49) Toluene	7.973	92	5676	0.213	ug/l	96
50) t-1,3-Dichloropropene	8.217	75	2738	0.206	ug/l #	79
51) cis-1,3-Dichloropropene	7.613	75	3227	0.205	ug/l	92
52) 1,1,2-Trichloroethane	8.404	97	1802	0.227	ug/l #	91
53) 1,3-Dichloropropane	8.578	76	3239	0.228	ug/l	98
54) 2-Hexanone	8.693	43	6491	1.198	ug/l	91
55) Dibromochloromethane	8.812	129	1860	0.205	ug/l	99
56) 1,2-Dibromoethane	8.925	107	1732	0.225	ug/l	97
58) Tetrachloroethene	8.555	164	2122	0.232	ug/l	93
59) Chlorobenzene	9.449	112	6392	0.230	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	2246	0.227	ug/l	96
61) Pentachloroethane	11.433	117	1702	0.224	ug/l	93
62) Hexachloroethane	12.475	117	1609	0.211	ug/l	97
63) Ethyl Benzene	9.571	91	10136	0.202	ug/l	94
64) m/p-Xylenes	9.697	106	7211	0.389	ug/l	97
65) o-Xylene	10.105	106	3600	0.198	ug/l	93
66) Styrene	10.118	104	5591	0.191	ug/l	98
67) Bromoform	10.295	173	985	0.191	ug/l #	93
69) Isopropylbenzene	10.484	105	9789	0.201	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	2409	0.234	ug/l #	95
71) 1,2,3-Trichloropropane	10.825	75	2658	0.312	ug/l	66
72) Bromobenzene	10.783	156	2395	0.218	ug/l	80
73) n-propylbenzene	10.909	120	2358	0.192	ug/l	92
74) 2-Chlorotoluene	10.989	126	2373	0.217	ug/l	100
75) 1,3,5-Trimethylbenzene	11.089	105	7466	0.184	ug/l	99
76) 4-Chlorotoluene	11.102	126	2405	0.219	ug/l	84
77) tert-Butylbenzene	11.420	119	7650	0.191	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	7776	0.190	ug/l	98
79) sec-Butylbenzene	11.642	105	10521	0.200	ug/l	96
80) Nitrobenzene	13.208	77	134	0.318	ug/l #	42
81) p-Isopropyltoluene	11.793	119	7847	0.184	ug/l	97
82) 1,3-Dichlorobenzene	11.751	146	4945	0.233	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	5250	0.245	ug/l	98
84) n-Butylbenzene	12.211	91	8203	0.207	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	5288	0.257	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	13.002	75	495	0.275	ug/l #	64
87) 1,2,4-Trichlorobenzene	13.844	180	4087	0.295	ug/l	98
88) Hexachlorobutadiene	14.021	225	1927	0.273	ug/l	95
89) Naphthalene	14.089	128	9375	0.323	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.330	180	3679	0.278	ug/l	93

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

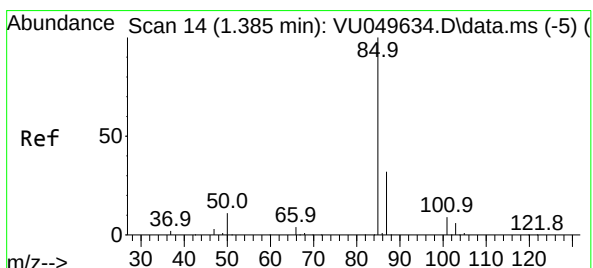
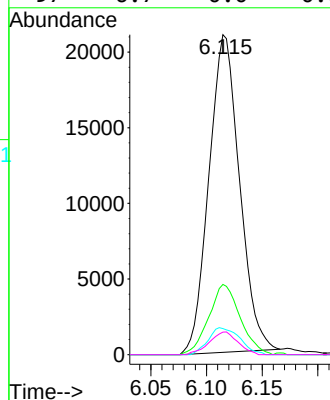
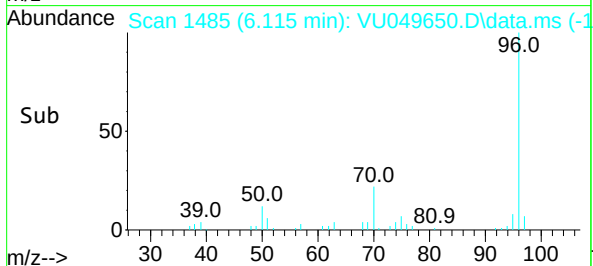


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

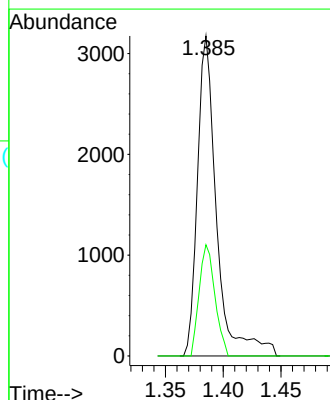
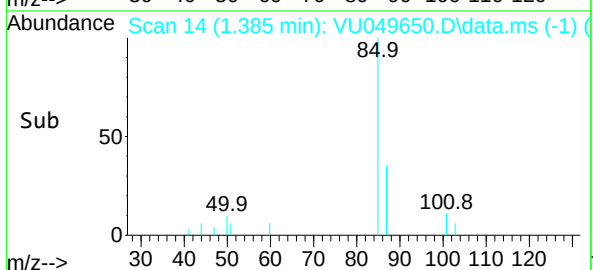
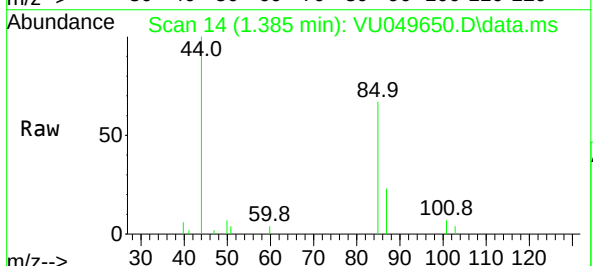


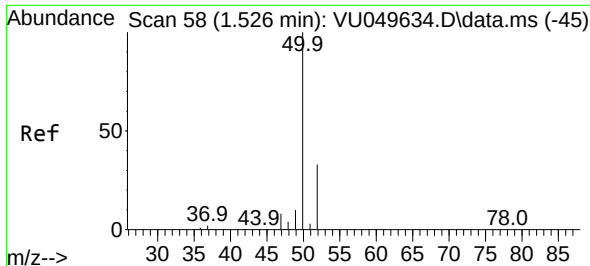
Tgt Ion: 96 Resp: 40070
Ion Ratio Lower Upper
96 100
70 22.7 16.7 25.1
95 8.8 7.4 11.0
97 6.7 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.238 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 85 Resp: 3652
Ion Ratio Lower Upper
85 100
87 34.7 16.3 48.8

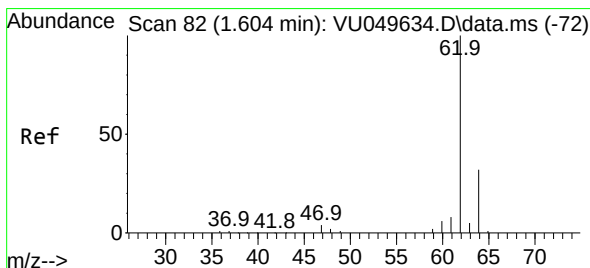
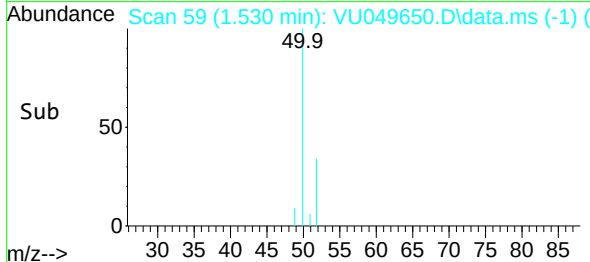
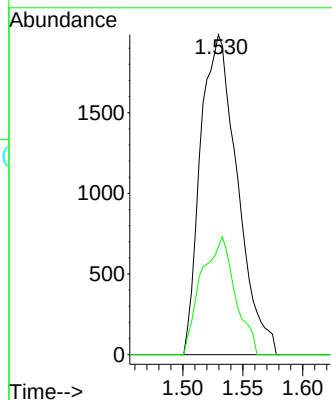
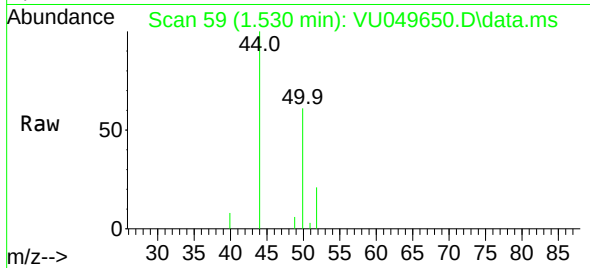




#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.530 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

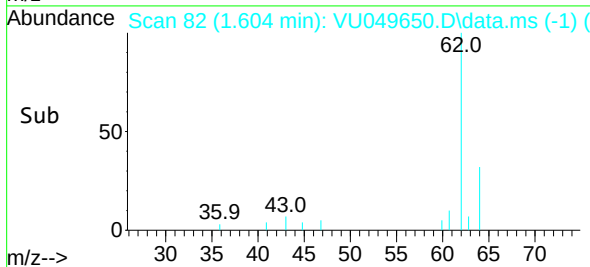
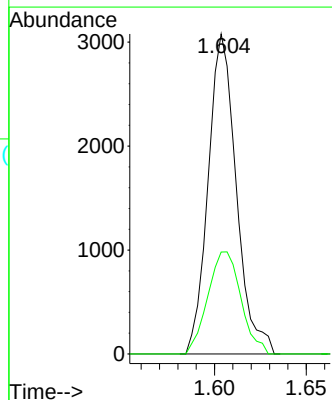
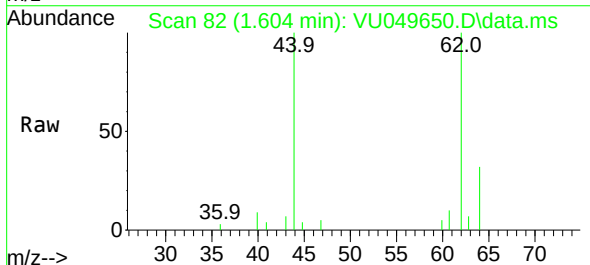
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

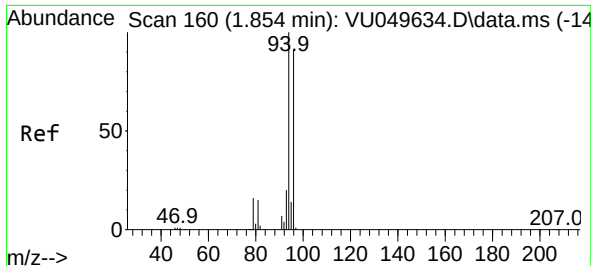
Tgt Ion: 50 Resp: 4241
Ion Ratio Lower Upper
50 100
52 33.8 26.1 39.1



#4
Vinyl Chloride
Concen: 0.230 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 62 Resp: 3287
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

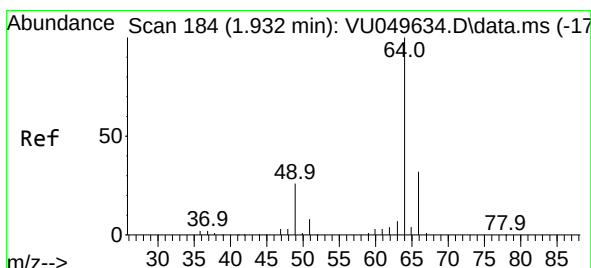
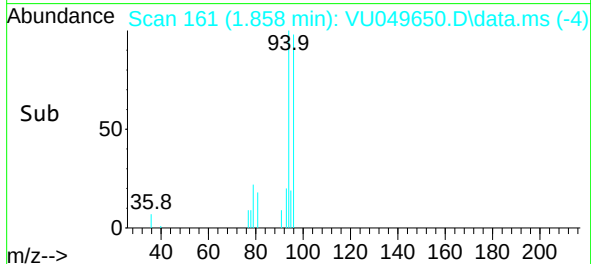
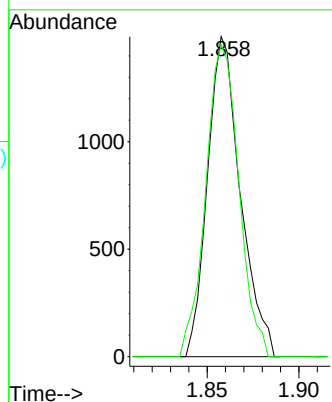
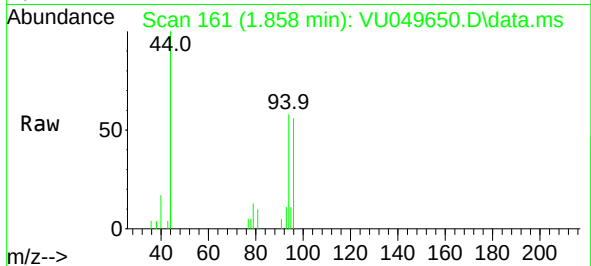




#5
Bromomethane
Concen: 0.248 ug/l
RT: 1.858 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

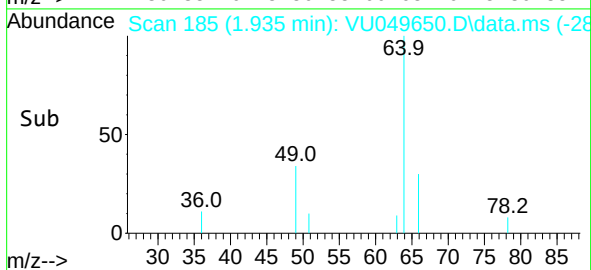
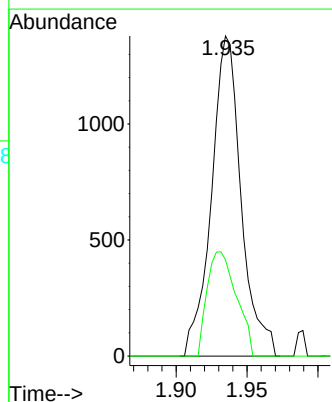
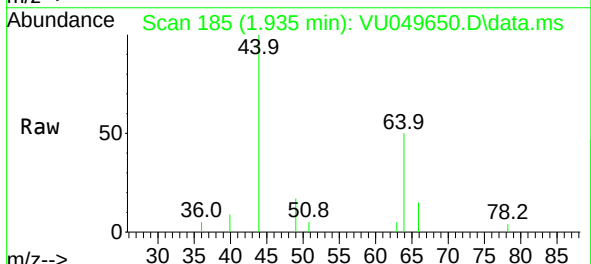
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

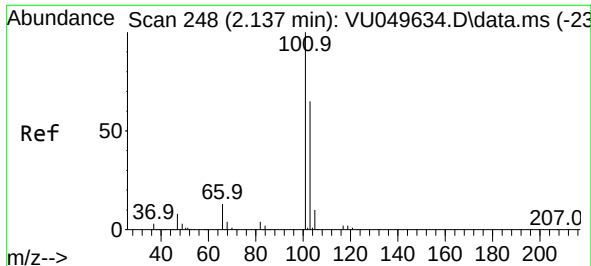
Tgt Ion: 94 Resp: 1851
Ion Ratio Lower Upper
94 100
96 97.5 73.0 109.6



#6
Chloroethane
Concen: 0.251 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

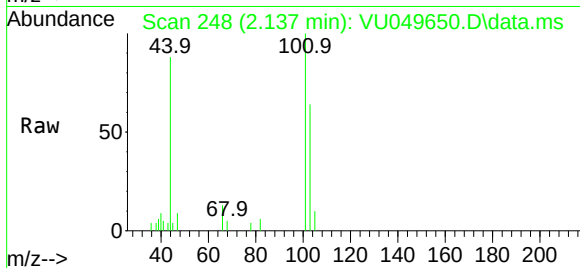
Tgt Ion: 64 Resp: 2009
Ion Ratio Lower Upper
64 100
66 30.1 25.8 38.6



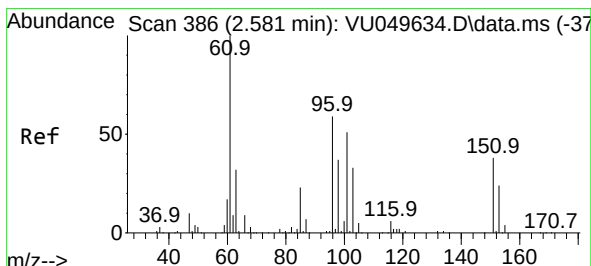
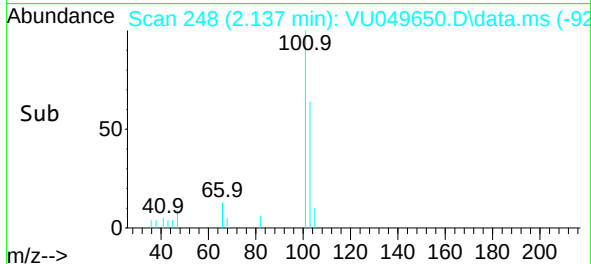
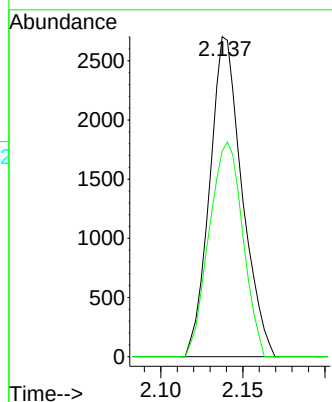


#7
 Trichlorofluoromethane
 Concen: 0.216 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU049650.D
 Acq: 07 Jul 2022 13:33

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

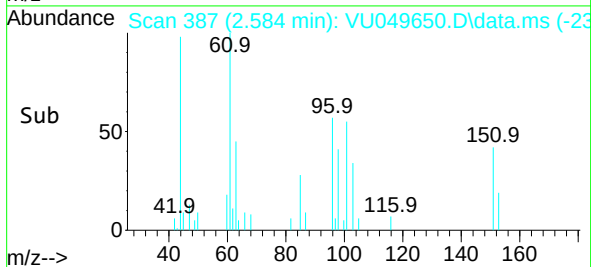
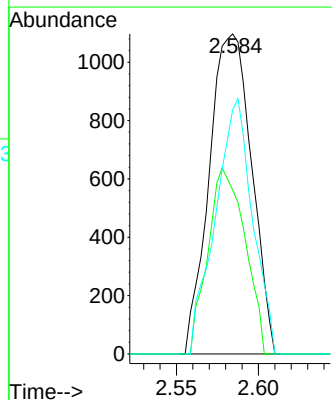
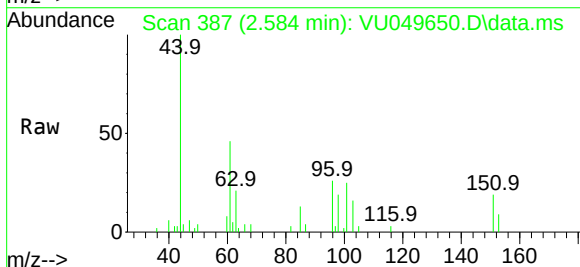


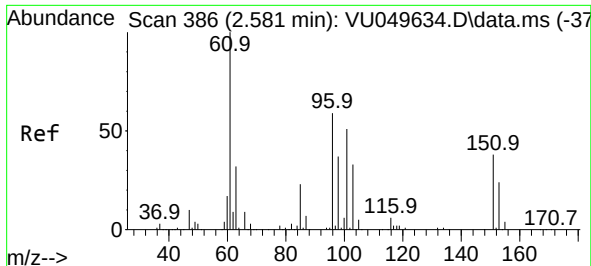
Tgt Ion:101 Resp: 3703
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.219 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU049650.D
 Acq: 07 Jul 2022 13:33

Tgt Ion:101 Resp: 1971
 Ion Ratio Lower Upper
 101 100
 85 50.7 36.4 54.6
 151 69.8 59.1 88.7

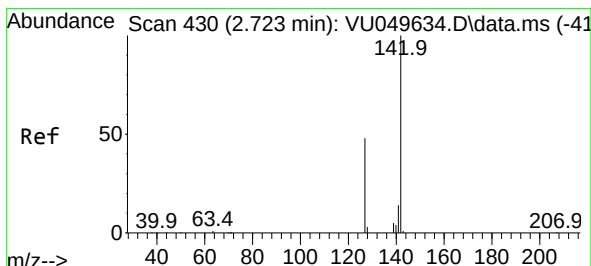
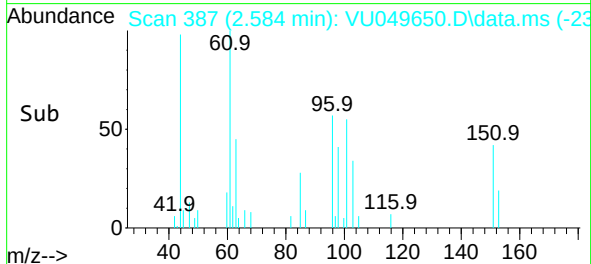
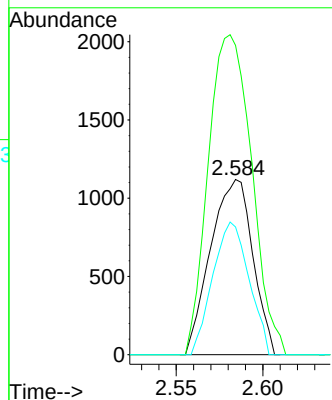
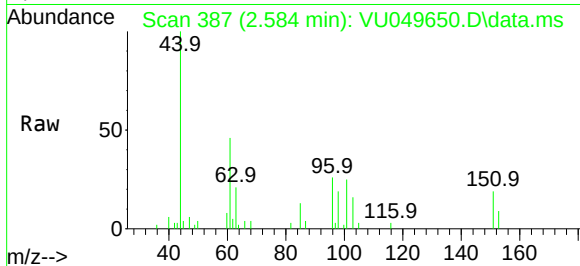




#9
1,1-Dichloroethene
Concen: 0.209 ug/l
RT: 2.584 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

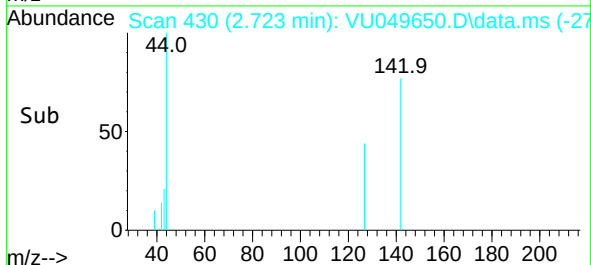
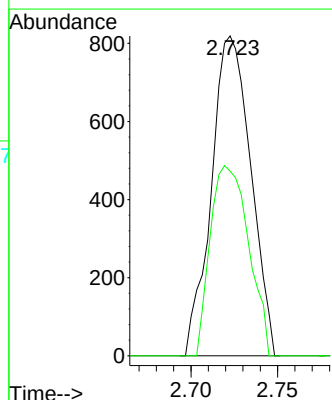
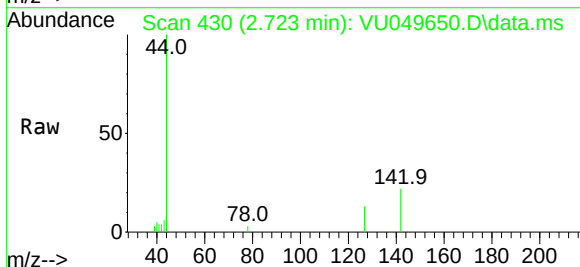
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

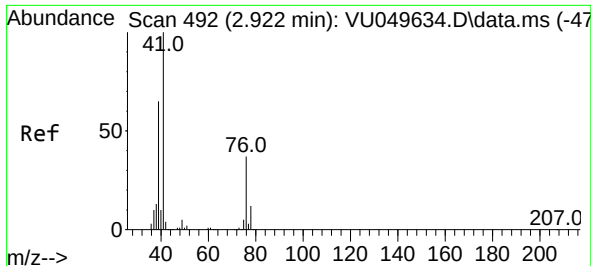
Tgt Ion: 96 Resp: 1896
Ion Ratio Lower Upper
96 100
61 176.5 0.0 510.6
98 72.9 0.0 124.6



#10
Iodomethane
Concen: 0.112 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 142 Resp: 1296
Ion Ratio Lower Upper
142 100
127 57.8 38.2 57.2#





#11

Allyl Chloride

Concen: 0.244 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU049650.D

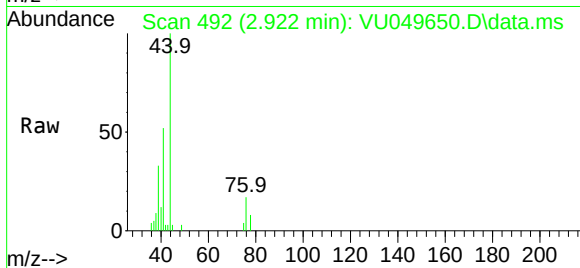
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Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

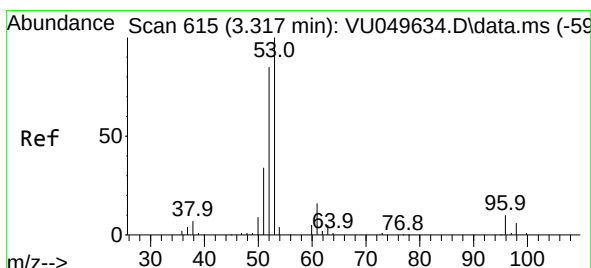
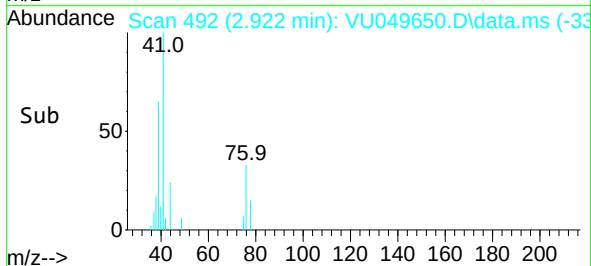
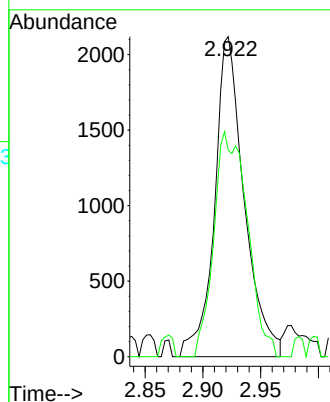


Tgt Ion: 41 Resp: 3783

Ion Ratio Lower Upper

41 100

39 79.6 53.2 79.8



#12

Acrylonitrile

Concen: 0.535 ug/l

RT: 3.330 min Scan# 619

Delta R.T. 0.013 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

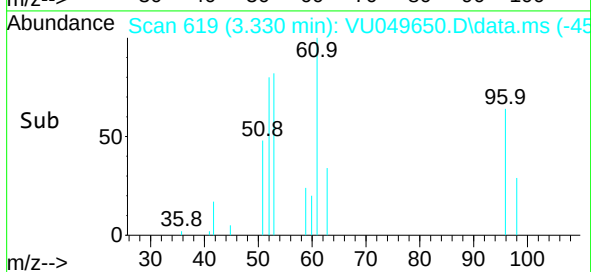
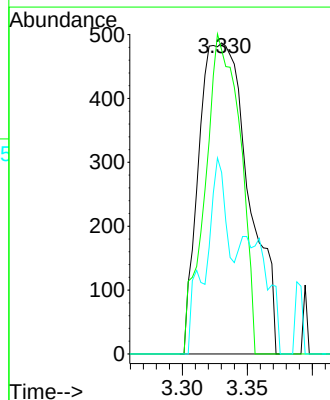
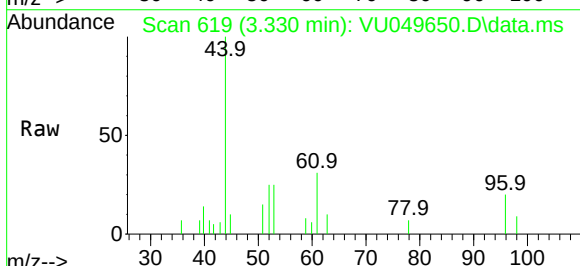
Tgt Ion: 53 Resp: 1300

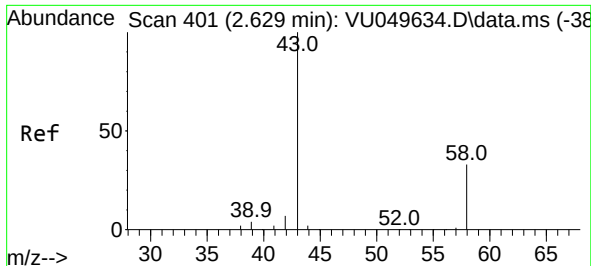
Ion Ratio Lower Upper

53 100

52 72.9 64.6 97.0

51 22.5 30.7 46.1#





#13

Acetone

Concen: 0.879 ug/l

RT: 2.645 min Scan# 401

Delta R.T. 0.016 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

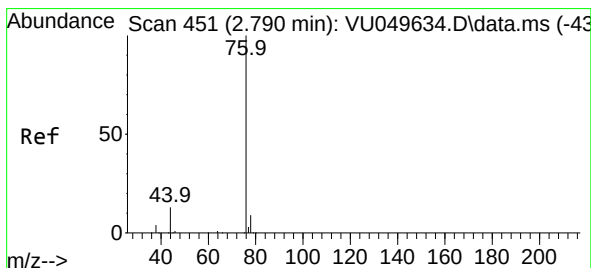
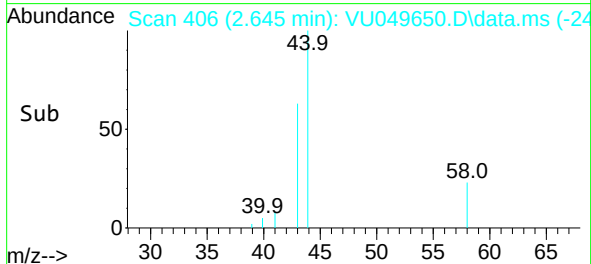
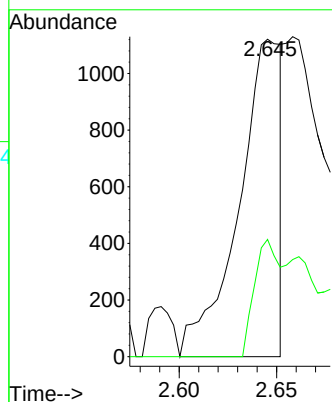
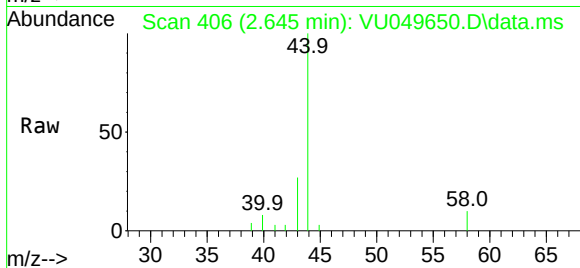
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 43 Resp: 1684

Ion Ratio Lower Upper

43 100

58 36.9 26.2 39.2



#14

Carbon Disulfide

Concen: 0.221 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049650.D

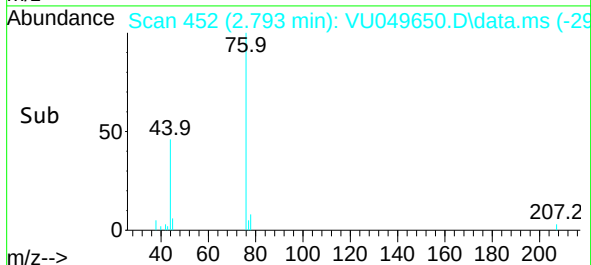
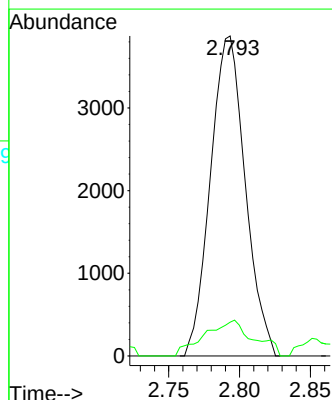
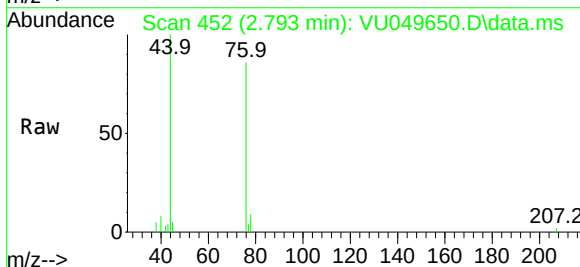
Acq: 07 Jul 2022 13:33

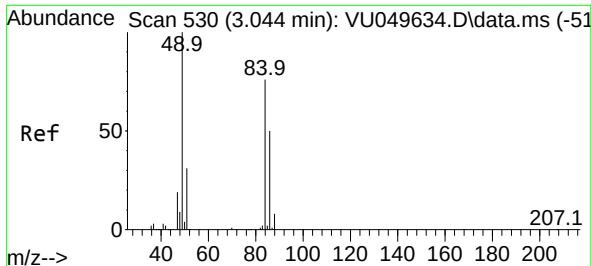
Tgt Ion: 76 Resp: 6608

Ion Ratio Lower Upper

76 100

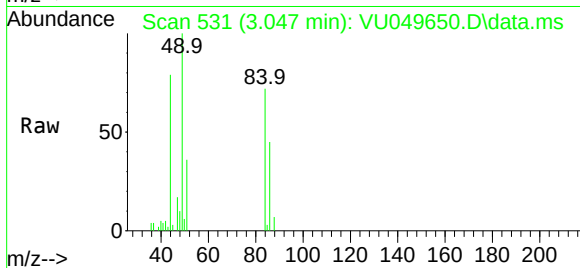
78 10.6 7.4 11.0





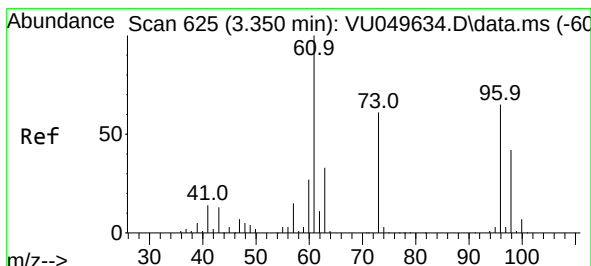
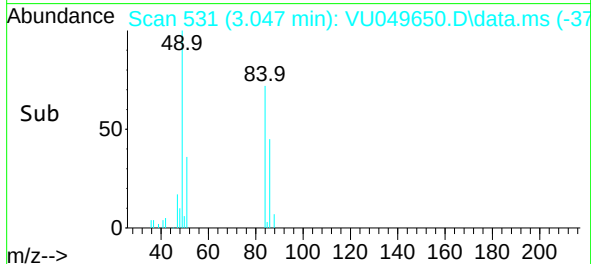
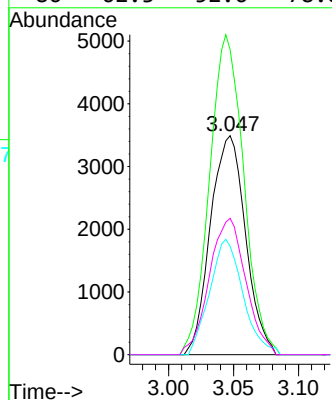
#15
Methylene Chloride
Concen: 0.576 ug/l
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 84 Resp: 6557

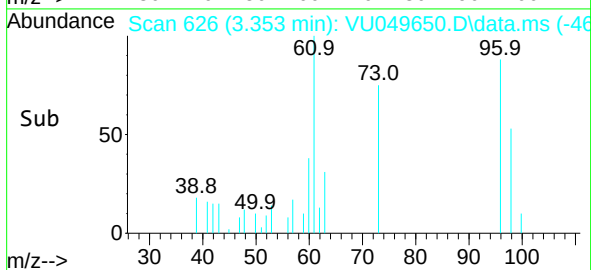
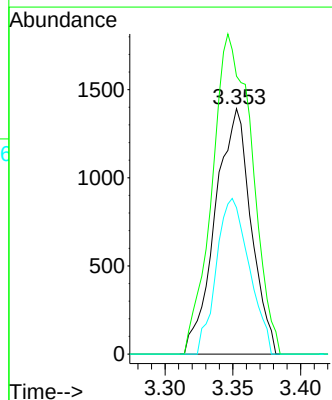
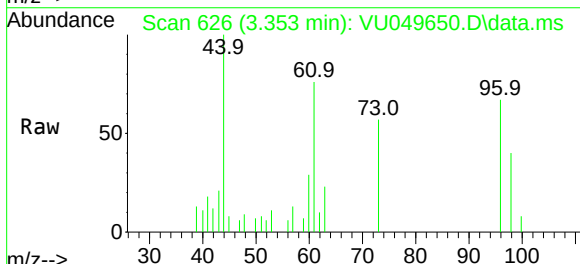
Ion	Ratio	Lower	Upper
84	100		
49	139.3	104.6	157.0
51	49.5	0.0	81.4
86	62.3	52.6	78.8

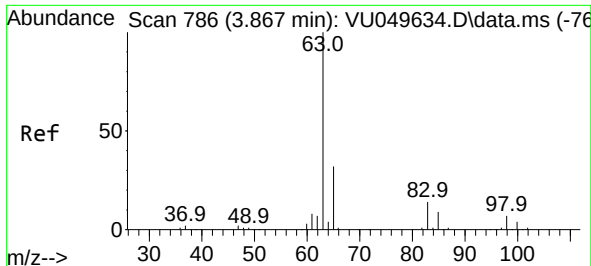


#16
trans-1,2-Dichloroethene
Concen: 0.268 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 96 Resp: 2560

Ion	Ratio	Lower	Upper
96	100		
61	113.2	123.4	185.0#
98	59.6	51.6	77.4

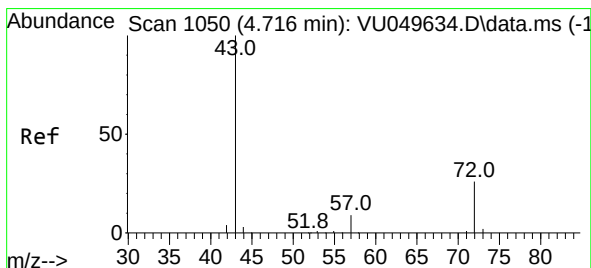
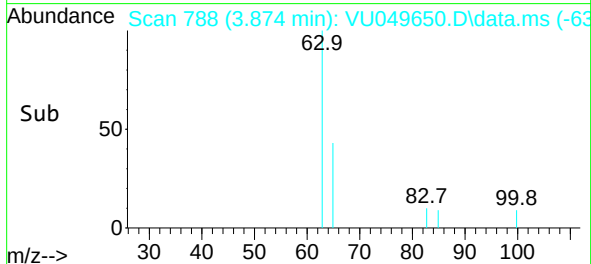
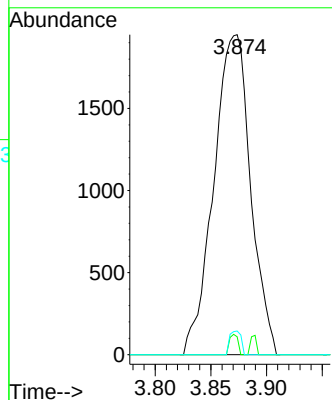
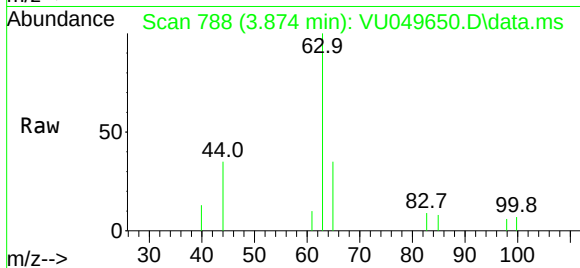




#17
 1,1-Dichloroethane
 Concen: 0.228 ug/l
 RT: 3.874 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VU049650.D
 Acq: 07 Jul 2022 13:33

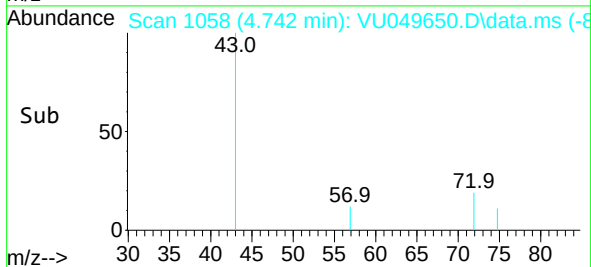
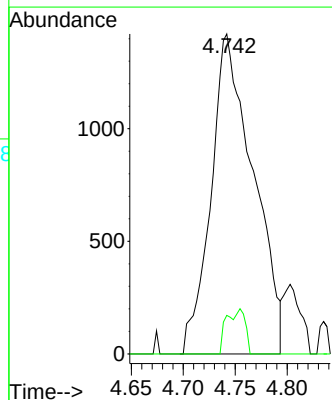
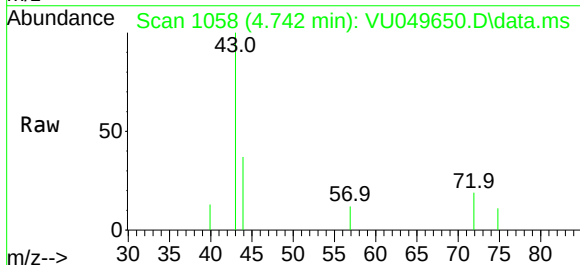
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

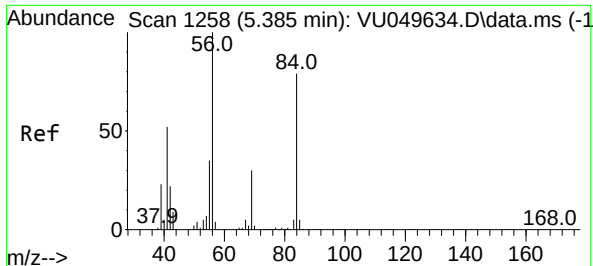
Tgt Ion: 63 Resp: 4493
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.4 10.2
 100 7.4 2.0 6.0#



#18
 2-Butanone
 Concen: 1.227 ug/l
 RT: 4.742 min Scan# 1058
 Delta R.T. 0.026 min
 Lab File: VU049650.D
 Acq: 07 Jul 2022 13:33

Tgt Ion: 43 Resp: 4009
 Ion Ratio Lower Upper
 43 100
 57 12.0 0.0 18.0





#19

Cyclohexane

Concen: 0.191 ug/l

RT: 5.382 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049650.D

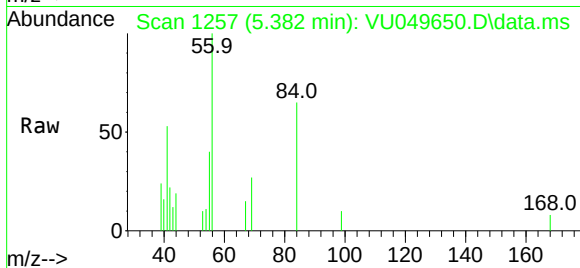
Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



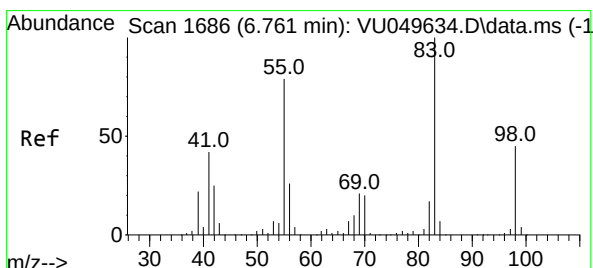
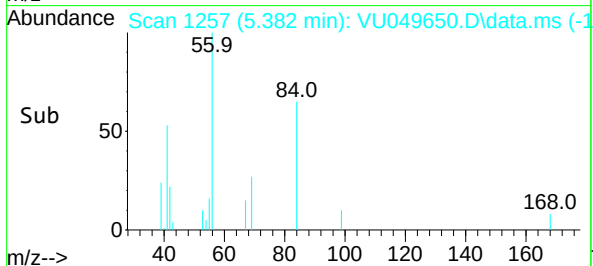
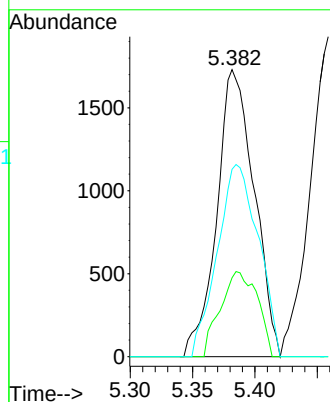
Tgt Ion: 56 Resp: 3607

Ion Ratio Lower Upper

56 100

69 29.4 24.2 36.4

84 73.4 63.4 95.2



#20

Methylcyclohexane

Concen: 0.183 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

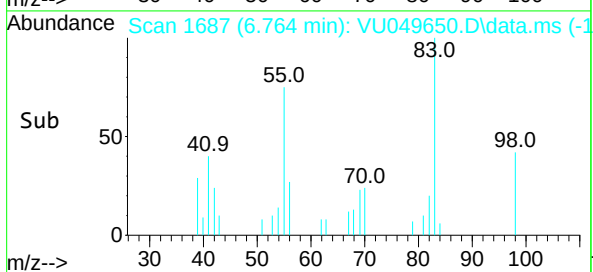
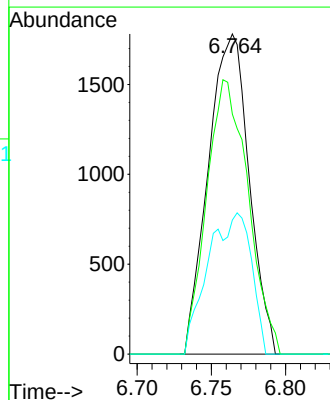
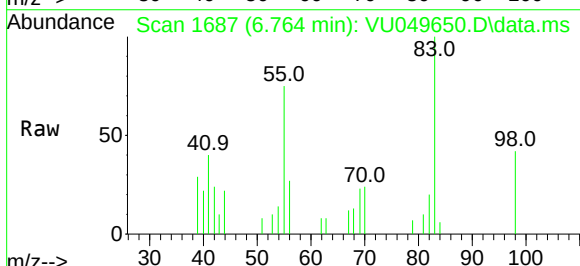
Tgt Ion: 83 Resp: 3403

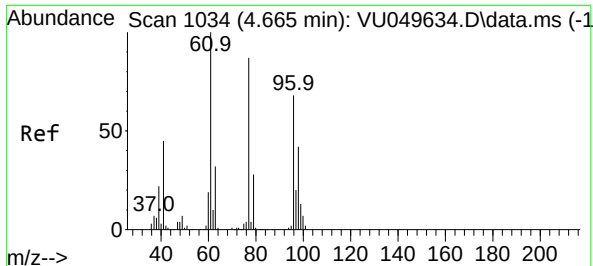
Ion Ratio Lower Upper

83 100

55 87.0 63.0 94.4

98 20.6 35.7 53.5#





#21

2,2-Dichloropropane

Concen: 0.216 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

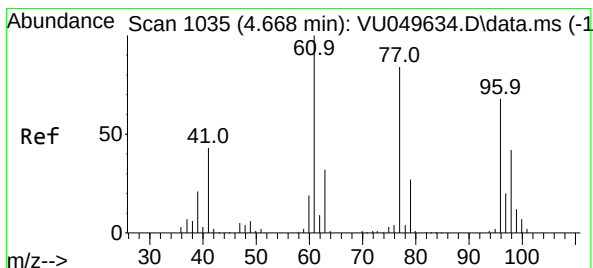
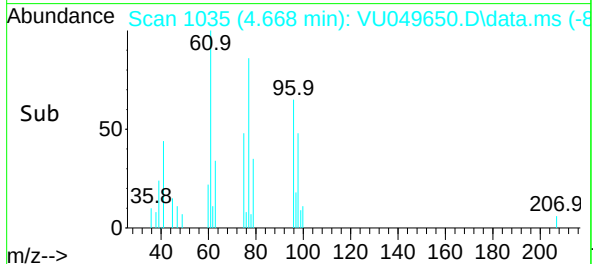
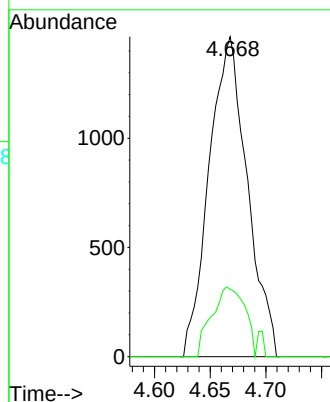
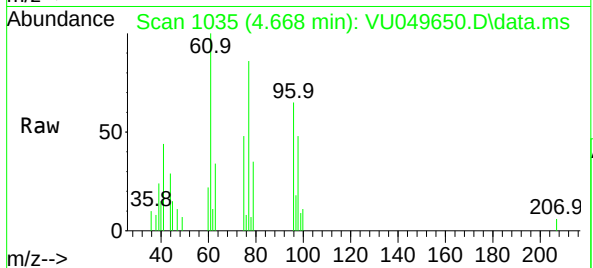
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 77 Resp: 3483

Ion Ratio Lower Upper

77 100

97 18.9 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 0.205 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

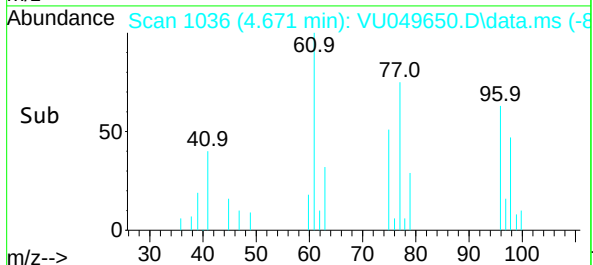
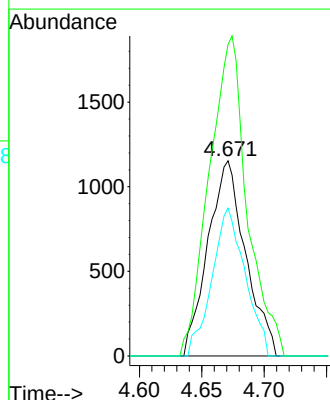
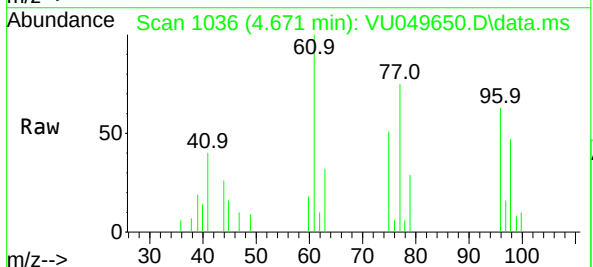
Tgt Ion: 96 Resp: 2417

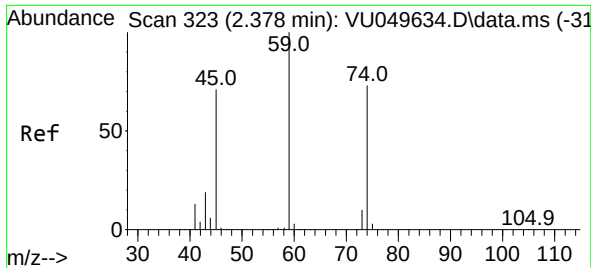
Ion Ratio Lower Upper

96 100

61 164.8 0.0 375.8

98 66.7 31.6 95.0

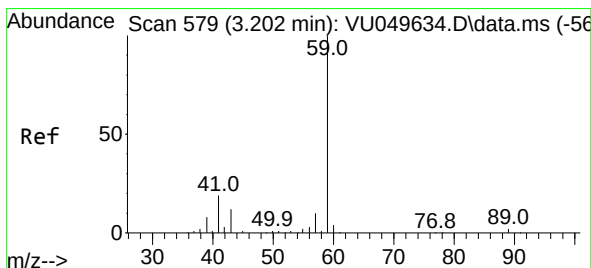
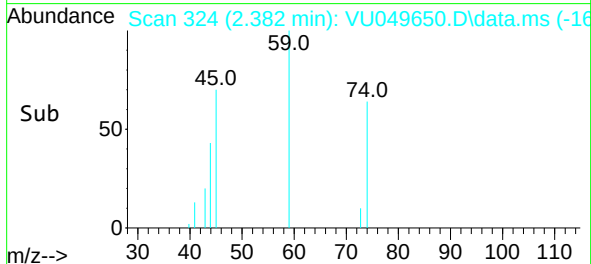
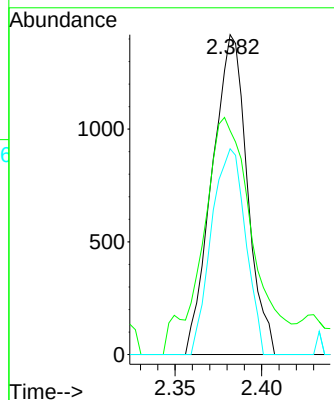
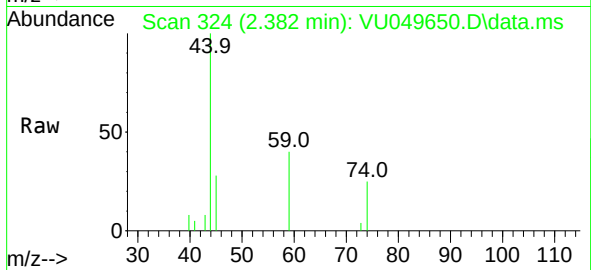




#23
Diethyl Ether
Concen: 0.259 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

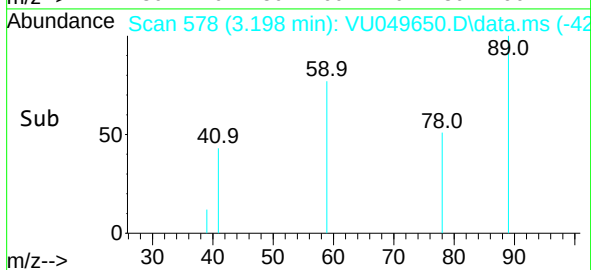
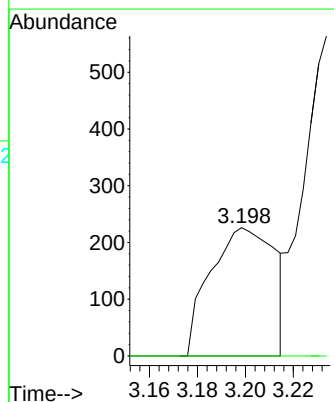
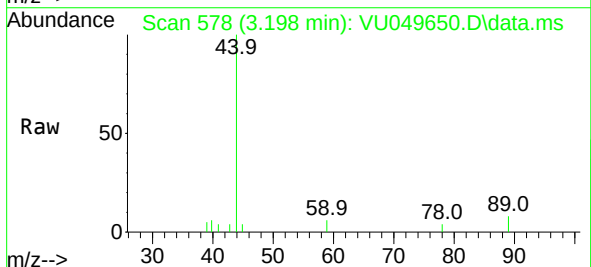
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

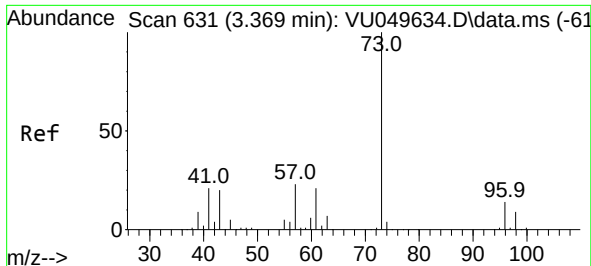
Tgt Ion: 59 Resp: 2001
Ion Ratio Lower Upper
59 100
45 104.7 56.0 84.0#
74 62.4 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 0.477 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 59 Resp: 421
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

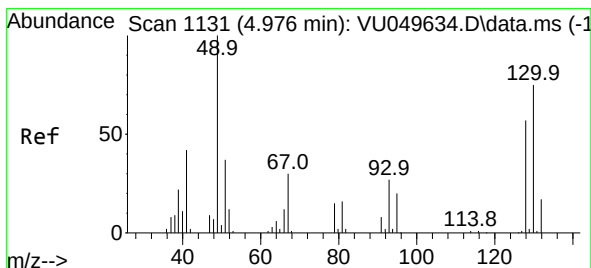
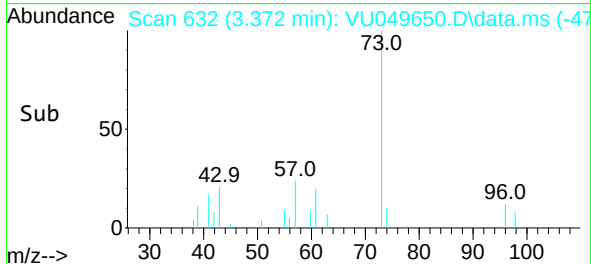
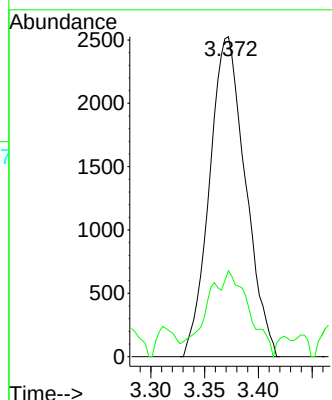
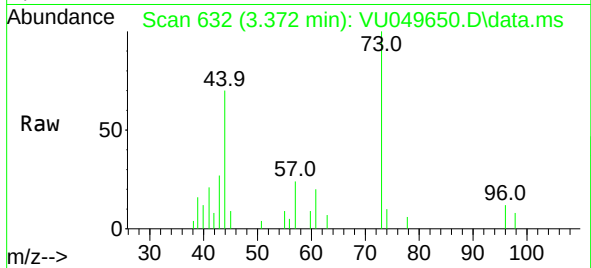




#25
Methyl tert-Butyl Ether
Concen: 0.231 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

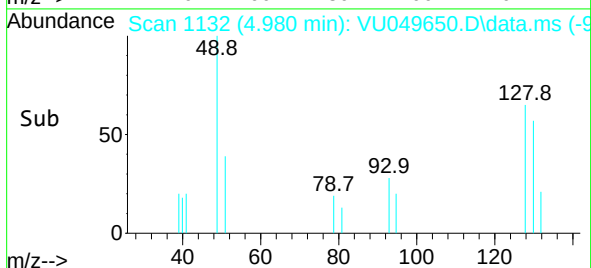
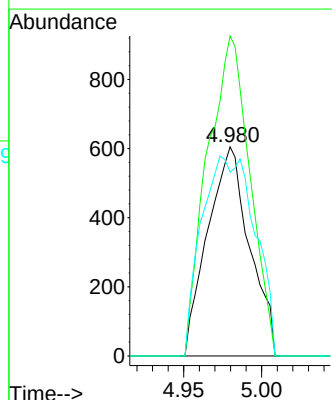
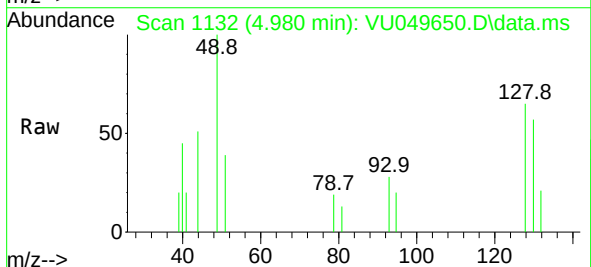
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

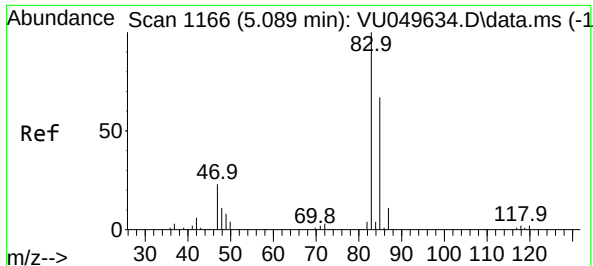
Tgt Ion: 73 Resp: 5863
Ion Ratio Lower Upper
73 100
43 18.6 15.9 23.9



#26
Bromochloromethane
Concen: 0.228 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 128 Resp: 1130
Ion Ratio Lower Upper
128 100
49 154.9 0.0 349.2
130 67.3 103.0 154.6#





#27

Chloroform

Concen: 0.236 ug/l

RT: 5.095 min Scan# 1166

Delta R.T. 0.006 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

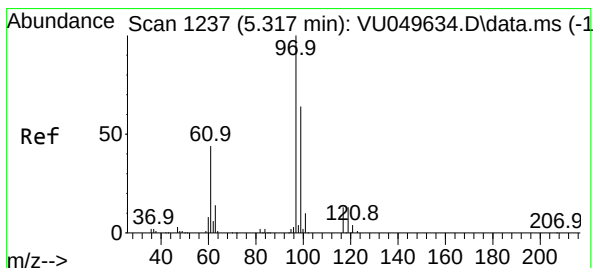
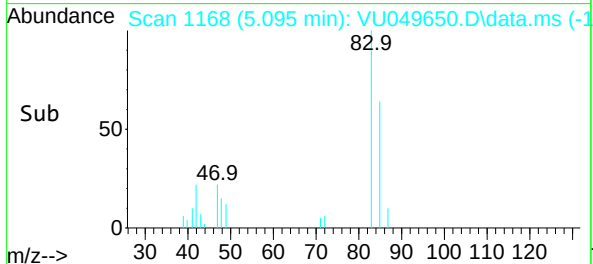
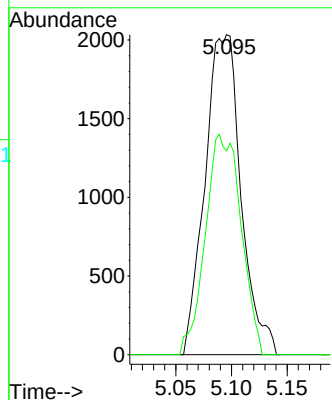
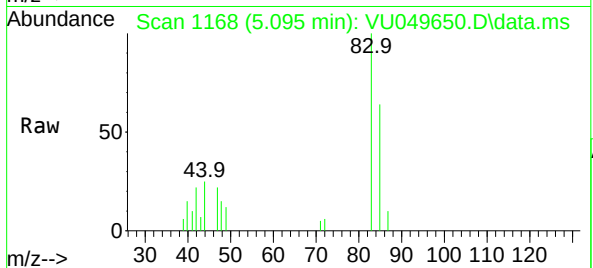
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 83 Resp: 4588

Ion Ratio Lower Upper

83 100

85 63.8 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.204 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

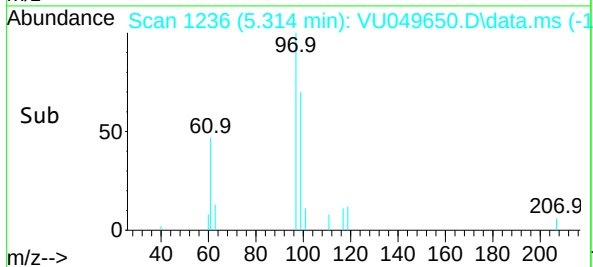
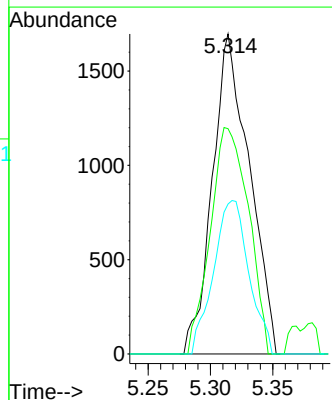
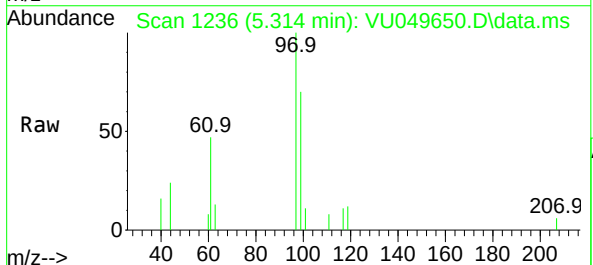
Tgt Ion: 97 Resp: 3501

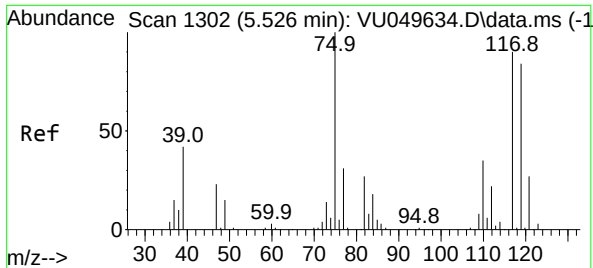
Ion Ratio Lower Upper

97 100

99 73.1 32.1 96.5

61 46.0 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.222 ug/l

RT: 5.523 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

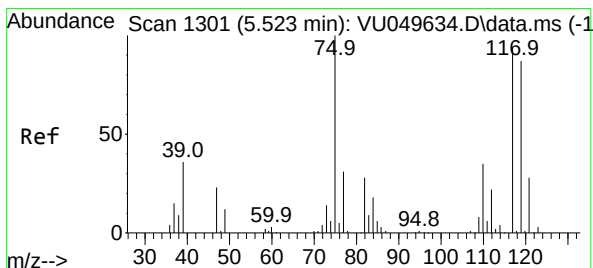
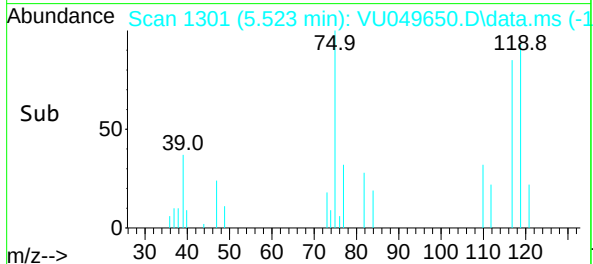
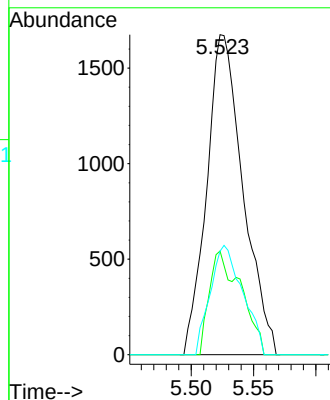
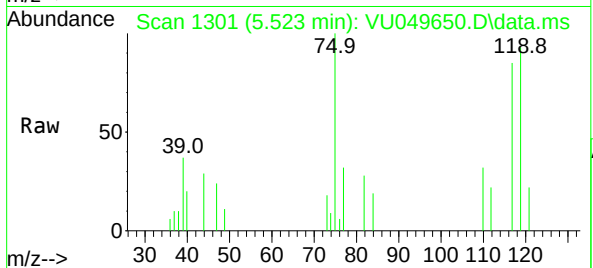
Tgt Ion: 75 Resp: 3395

Ion Ratio Lower Upper

75 100

110 28.3 17.3 52.0

77 30.7 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.224 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

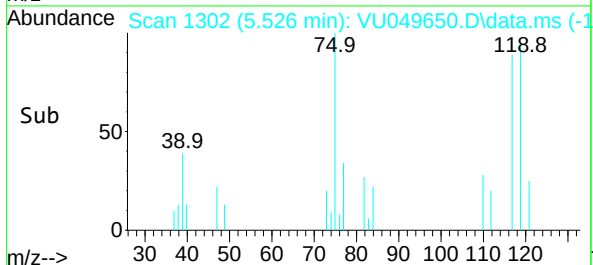
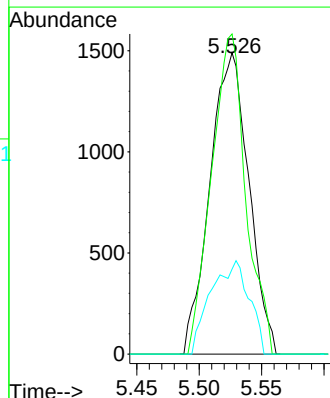
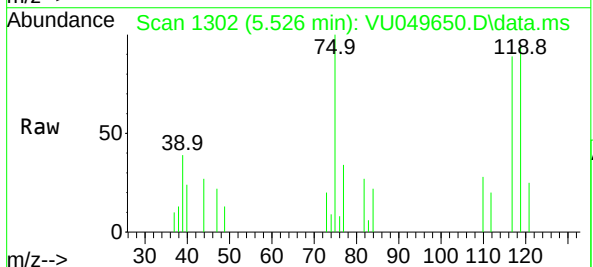
Tgt Ion: 117 Resp: 3235

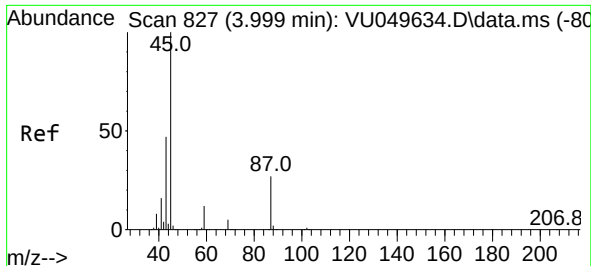
Ion Ratio Lower Upper

117 100

119 106.2 74.6 112.0

121 28.2 24.2 36.4

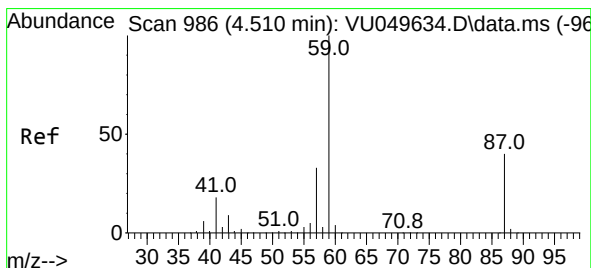
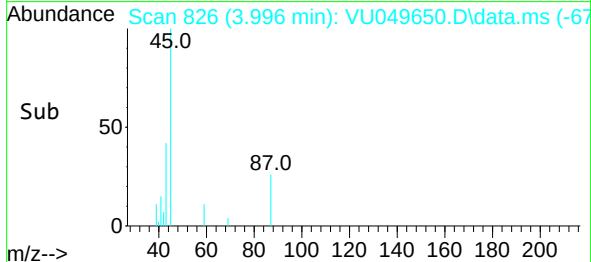
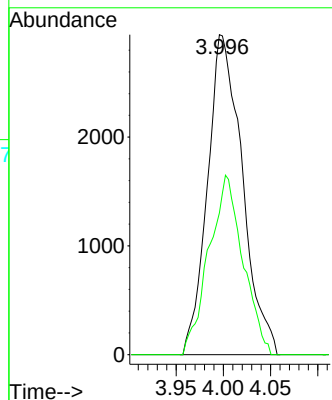
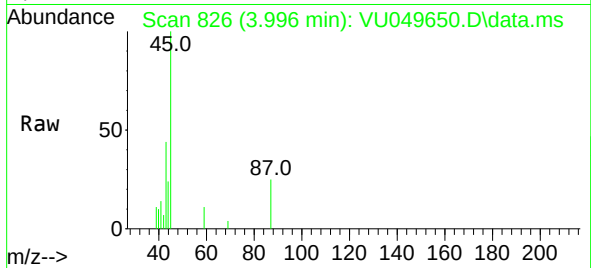




#31
Isopropyl Ether
Concen: 0.222 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

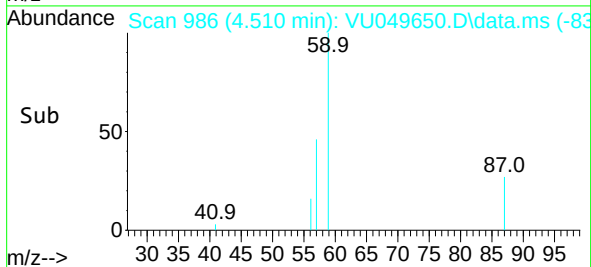
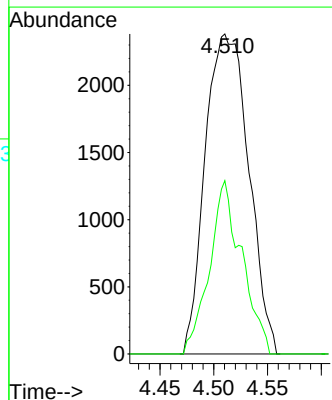
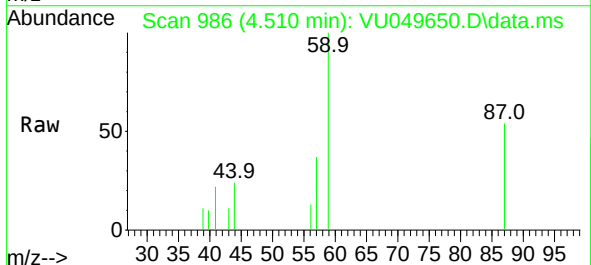
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

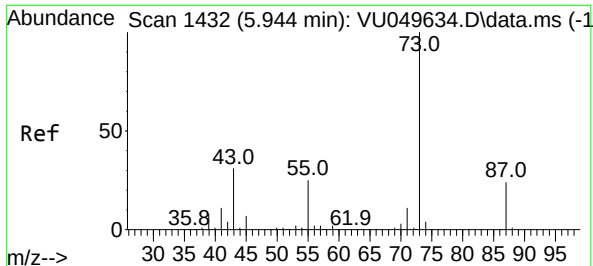
Tgt Ion: 45 Resp: 7515
Ion Ratio Lower Upper
45 100
43 55.0 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.209 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 59 Resp: 6694
Ion Ratio Lower Upper
59 100
87 40.3 32.5 48.7

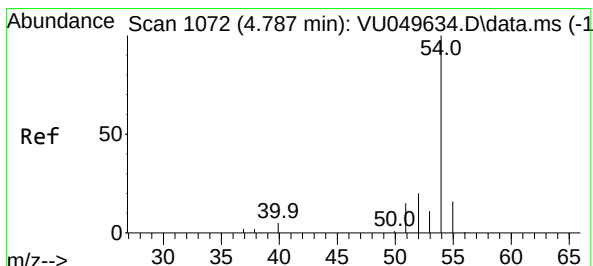
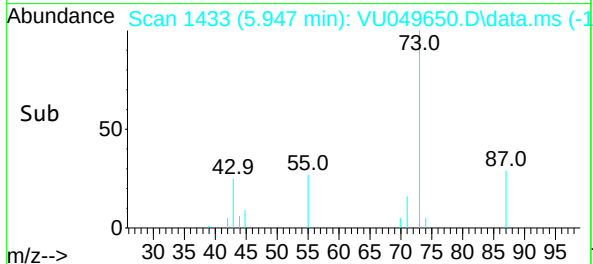
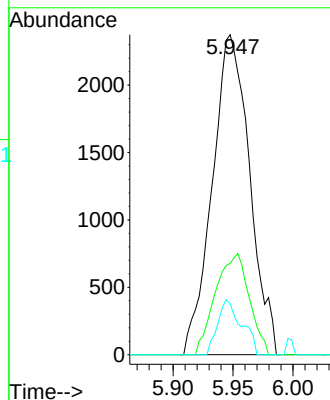
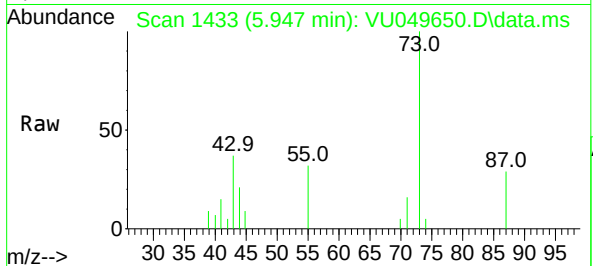




#33
Tert-Amyl methyl ether
Concen: 0.185 ug/l
RT: 5.947 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

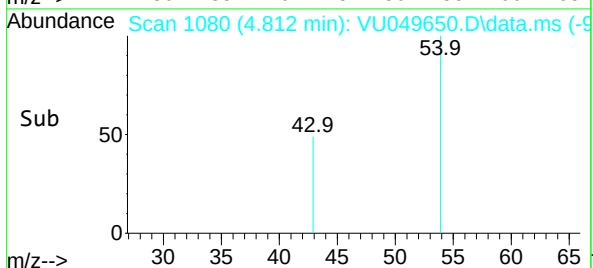
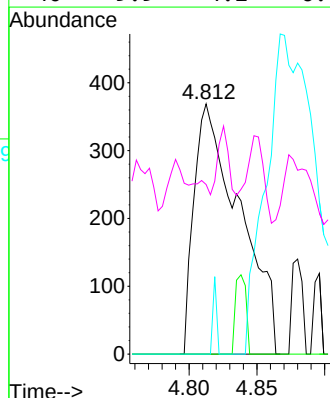
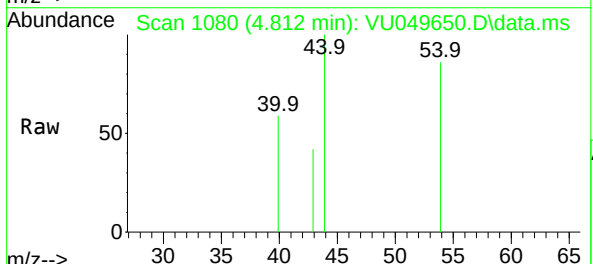
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

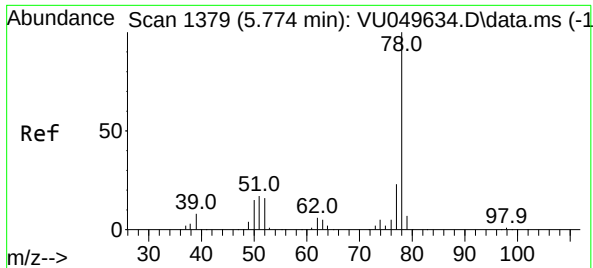
Tgt Ion: 73	Resp:	5143
Ion	Ratio	Lower Upper
73	100	
87	28.5	19.7 29.5
71	10.9	9.0 13.4



#34
Propionitrile
Concen: 0.919 ug/l
RT: 4.812 min Scan# 1080
Delta R.T. 0.025 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 54	Resp:	861
Ion	Ratio	Lower Upper
54	100	
52	0.0	15.0 22.6#
55	0.0	12.6 19.0#
40	9.9	4.2 6.4#

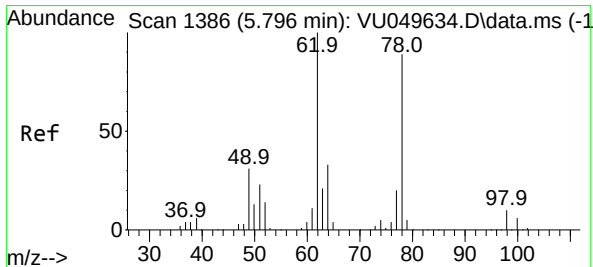
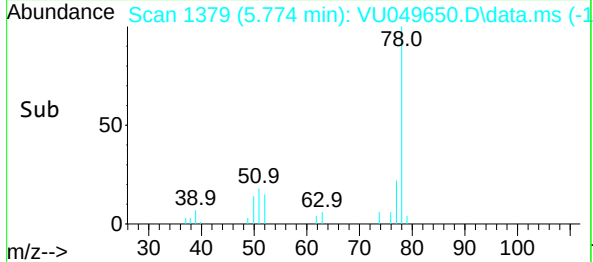
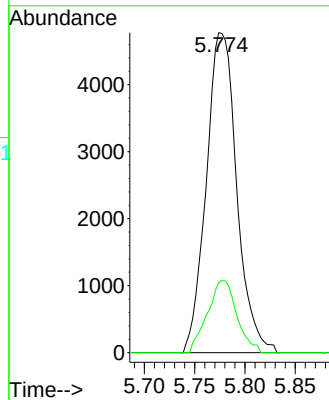
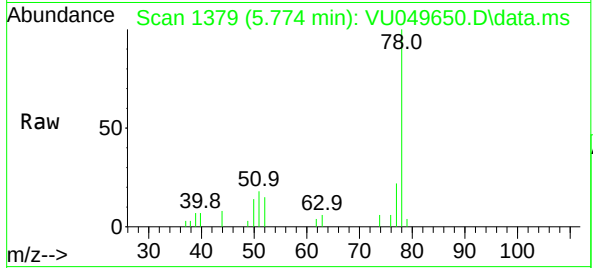




#35
Benzene
Concen: 0.231 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

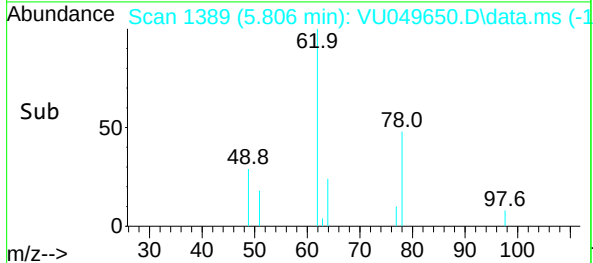
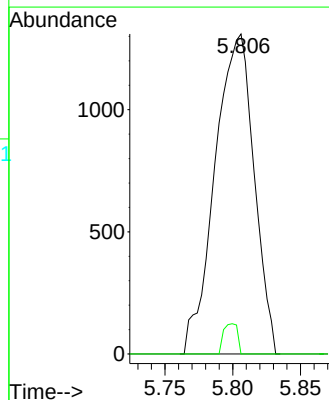
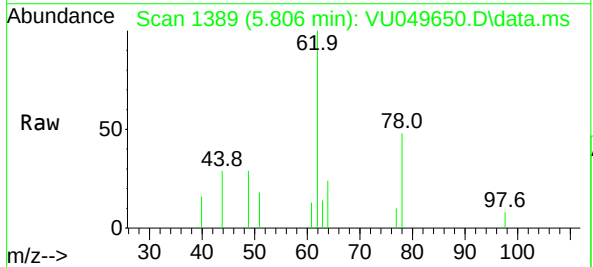
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

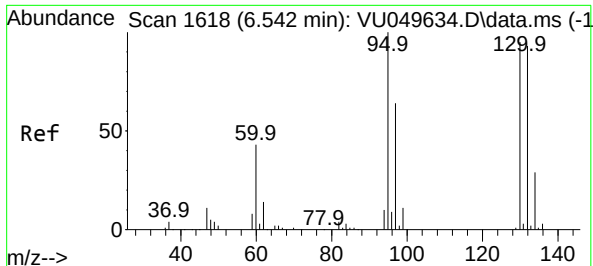
Tgt Ion: 78 Resp: 10068
Ion Ratio Lower Upper
78 100
77 21.9 18.6 28.0



#36
1,2-Dichloroethane
Concen: 0.212 ug/l
RT: 5.806 min Scan# 1389
Delta R.T. 0.010 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 62 Resp: 2629
Ion Ratio Lower Upper
62 100
98 3.4 7.4 11.0#





#37

Trichloroethene

Concen: 0.230 ug/l

RT: 6.546 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

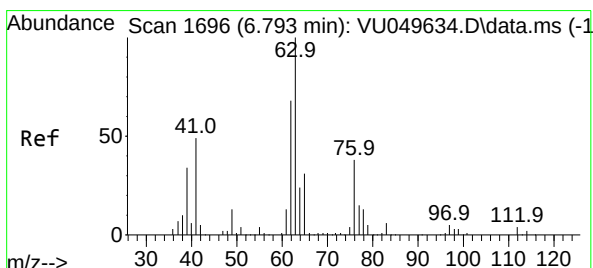
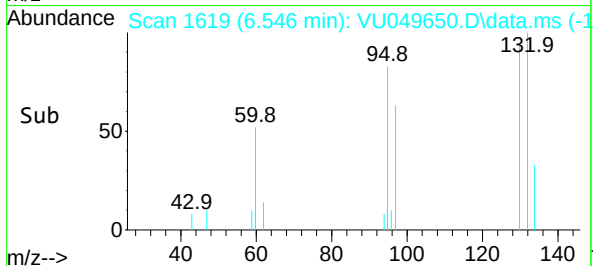
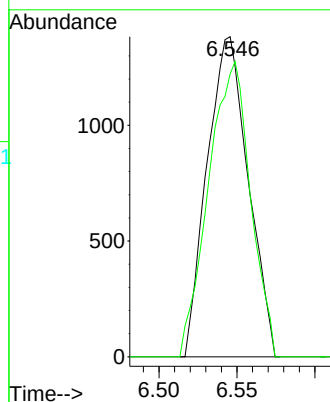
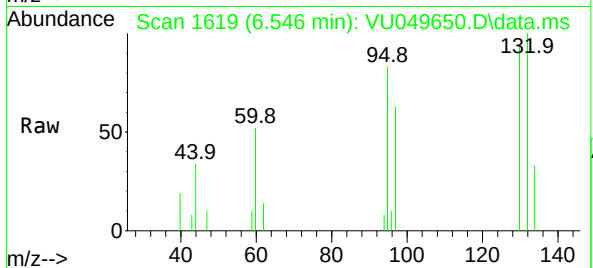
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:130 Resp: 2533

Ion Ratio Lower Upper

130 100

95 88.3 83.8 125.8



#38

1,2-Dichloropropane

Concen: 0.223 ug/l

RT: 6.796 min Scan# 1697

Delta R.T. 0.003 min

Lab File: VU049650.D

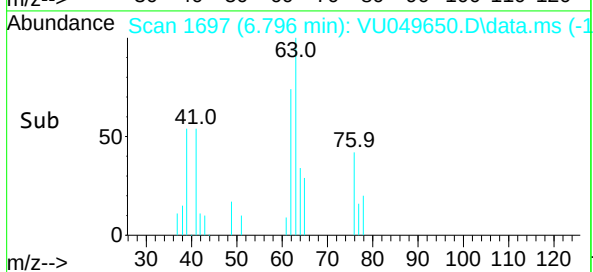
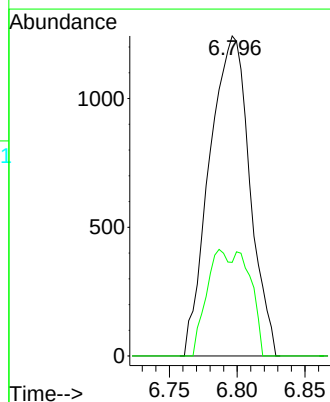
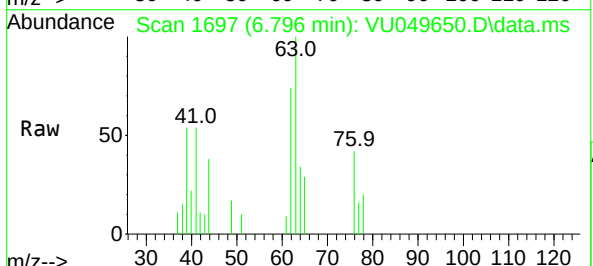
Acq: 07 Jul 2022 13:33

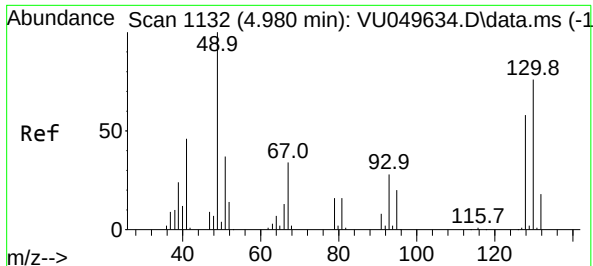
Tgt Ion: 63 Resp: 2571

Ion Ratio Lower Upper

63 100

65 29.3 25.0 37.4





#39

Methacrylonitrile

Concen: 0.087 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU049650.D

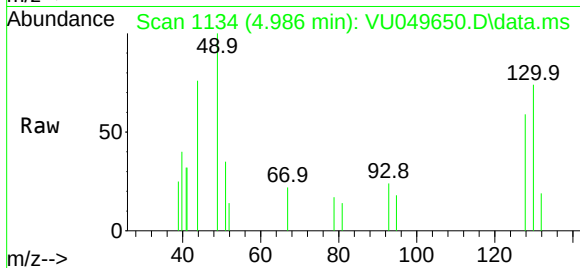
Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 41 Resp: 351

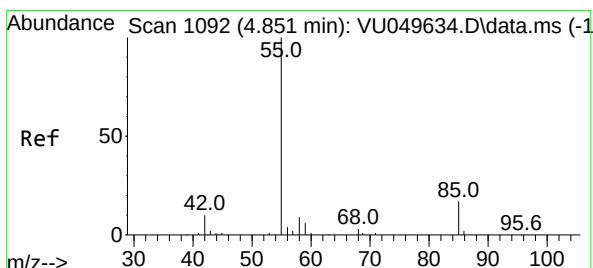
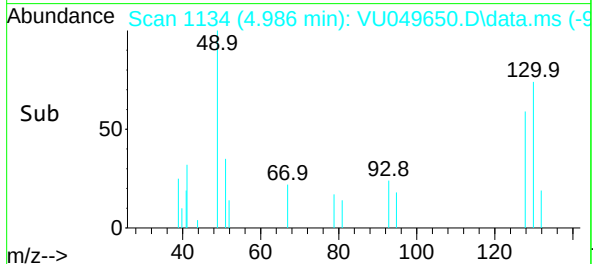
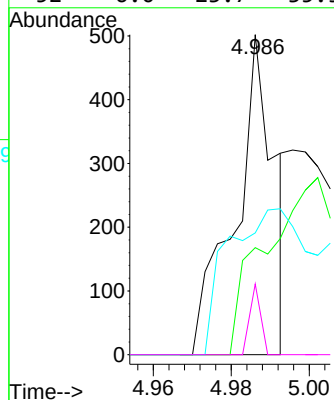
Ion Ratio Lower Upper

41 100

67 102.8 59.4 89.0#

39 93.2 42.2 63.2#

52 6.0 23.7 35.5#



#40

Methyl acrylate

Concen: 0.180 ug/l

RT: 4.867 min Scan# 1097

Delta R.T. 0.016 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Tgt Ion: 55 Resp: 1134

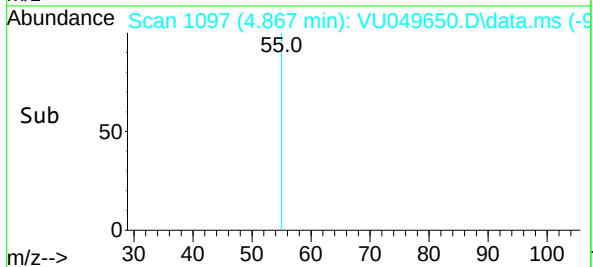
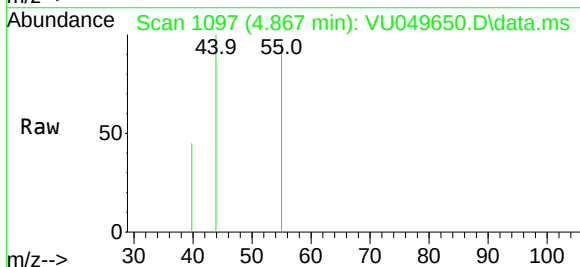
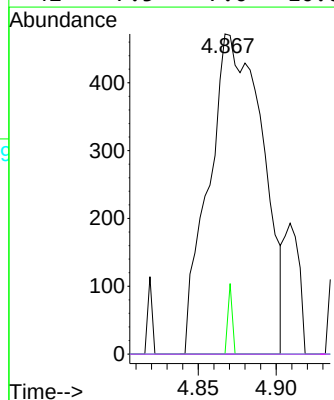
Ion Ratio Lower Upper

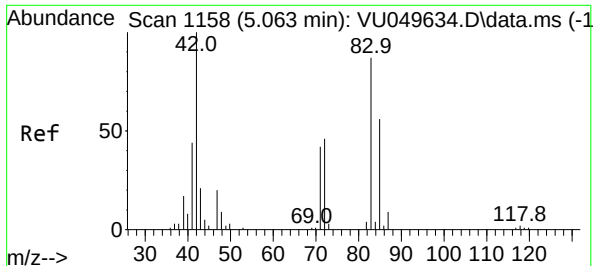
55 100

85 0.0 13.5 20.3#

58 0.0 7.0 10.4#

42 7.5 7.0 10.6





#41

Tetrahydrofuran

Concen: 0.661 ug/l

RT: 5.083 min Scan# 1158

Delta R.T. 0.020 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

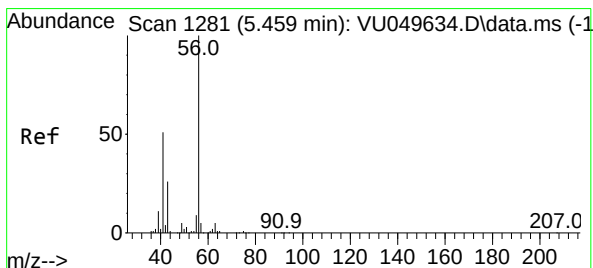
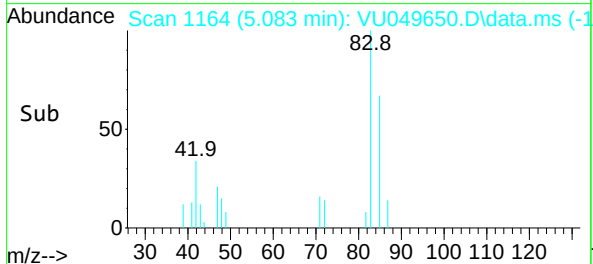
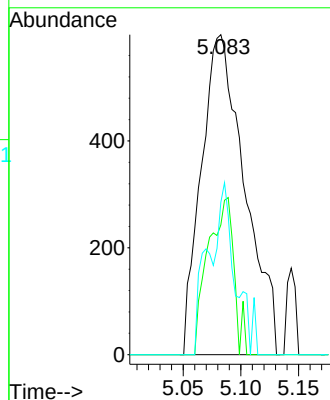
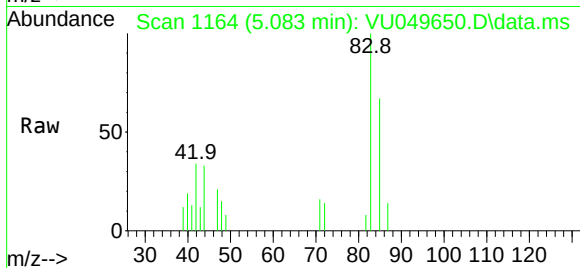
Tgt Ion: 42 Resp: 1569

Ion Ratio Lower Upper

42 100

72 29.3 38.9 58.3#

71 22.0 33.7 50.5#



#42

1-Chlorobutane

Concen: 0.209 ug/l

RT: 5.465 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VU049650.D

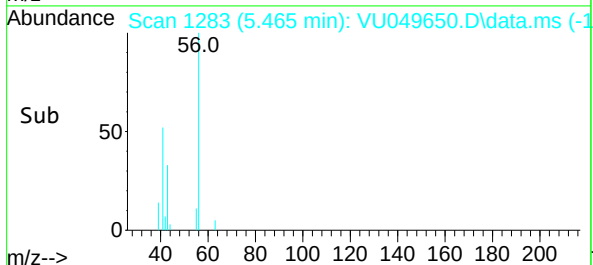
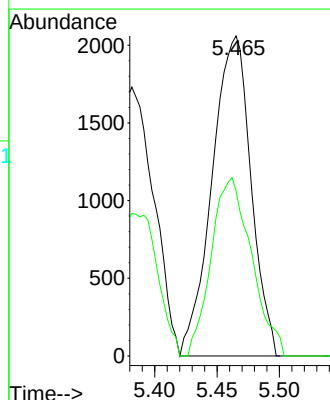
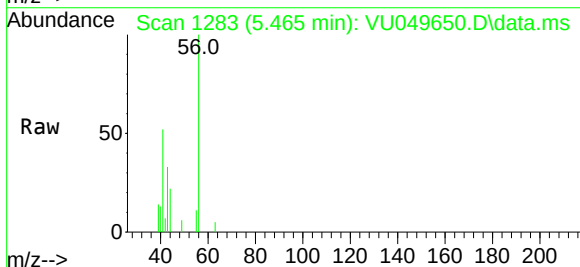
Acq: 07 Jul 2022 13:33

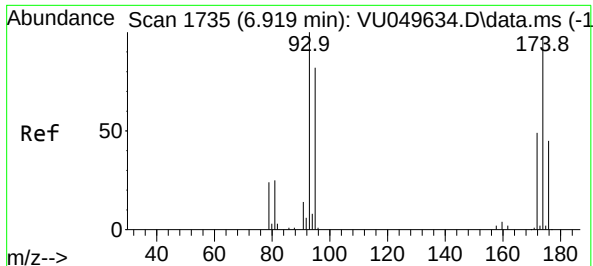
Tgt Ion: 56 Resp: 4472

Ion Ratio Lower Upper

56 100

41 57.7 26.4 79.2

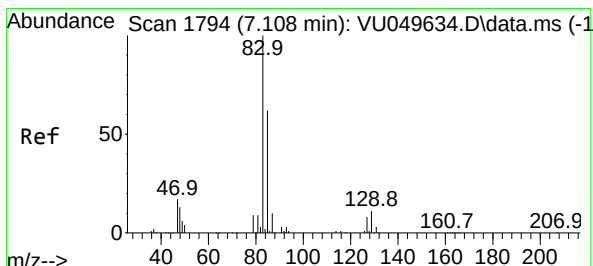
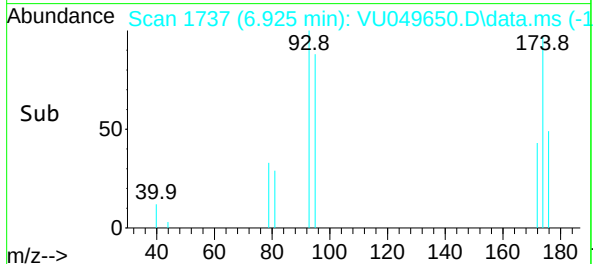
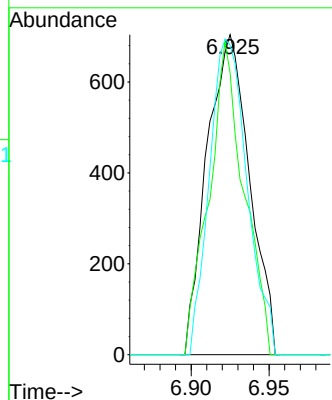
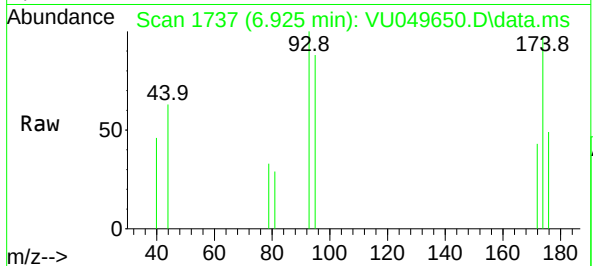




#43
Dibromomethane
Concen: 0.232 ug/l
RT: 6.925 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

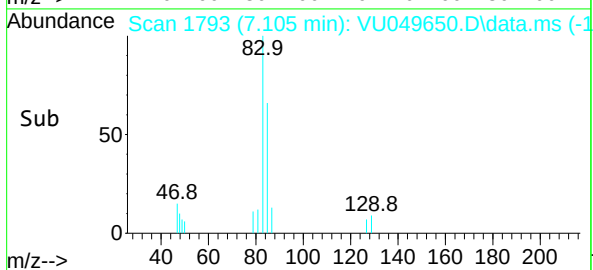
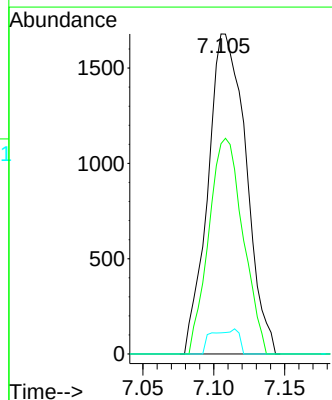
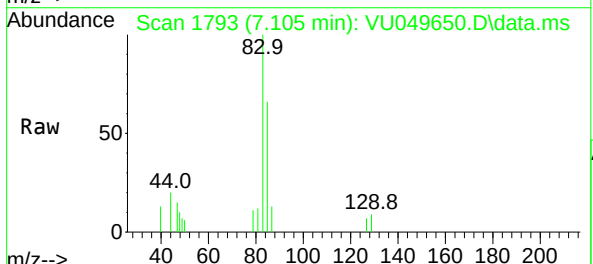
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

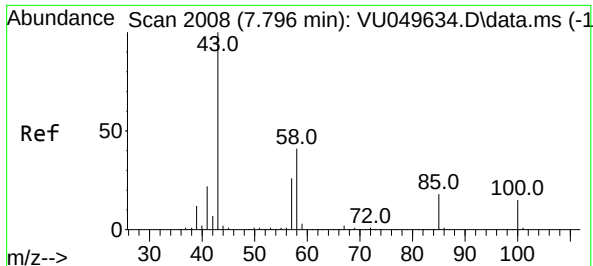
Tgt Ion: 93	Resp:	1336	
Ion Ratio	Lower	Upper	
93	100		
95	80.6	65.0	97.6
174	87.5	76.3	114.5



#44
Bromodichloromethane
Concen: 0.228 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 83	Resp:	3141	
Ion Ratio	Lower	Upper	
83	100		
85	65.7	49.4	74.0
127	6.6	6.6	10.0#





#45

4-Methyl-2-Pentanone

Concen: 1.147 ug/l

RT: 7.803 min Scan# 2010

Delta R.T. 0.006 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

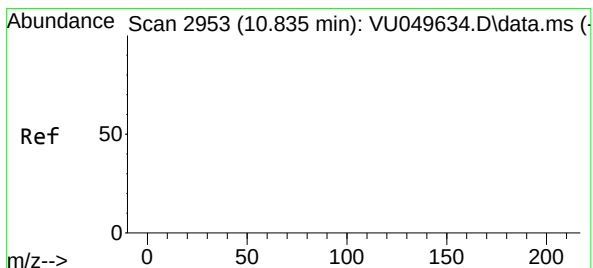
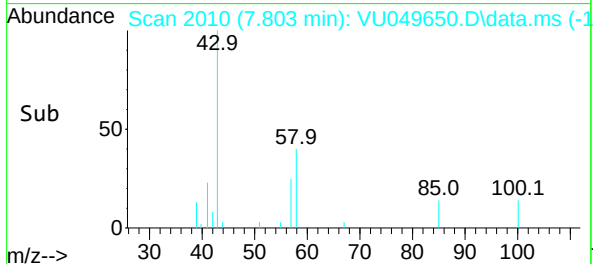
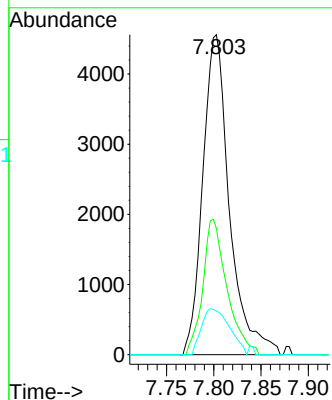
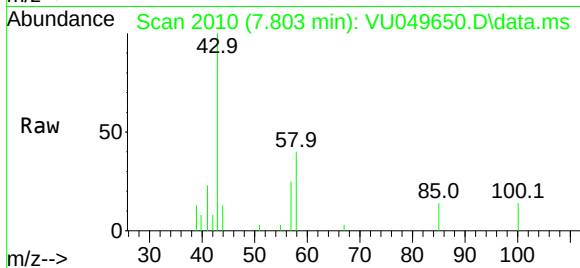
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 43	Resp: 8950
Ion Ratio	Lower Upper
43	100
58	38.3 20.3 61.0
85	15.0 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 1.047 ug/l

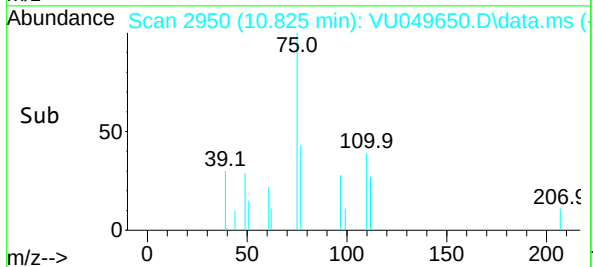
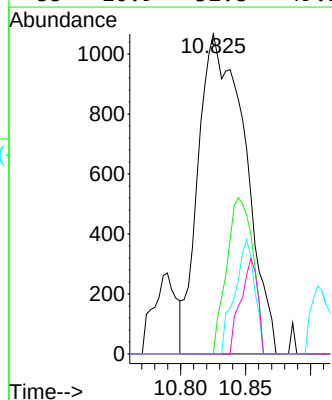
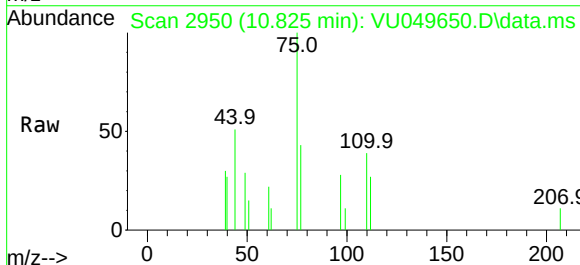
RT: 10.825 min Scan# 2950

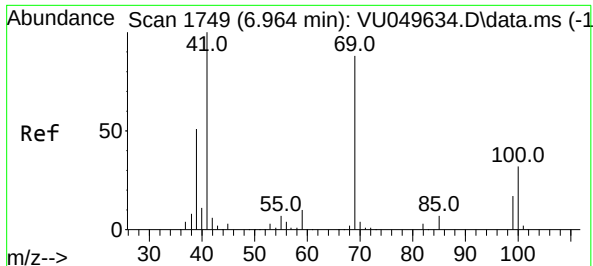
Delta R.T. -0.010 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Tgt Ion: 75	Resp: 2658
Ion Ratio	Lower Upper
75	100
53	27.5 64.4 96.6#
89	15.3 44.2 66.2#
88	10.9 32.8 49.2#





#47

Methyl methacrylate

Concen: 0.402 ug/l

RT: 6.967 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049650.D

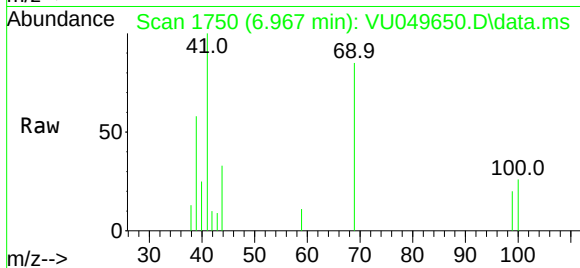
Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 69 Resp: 2332

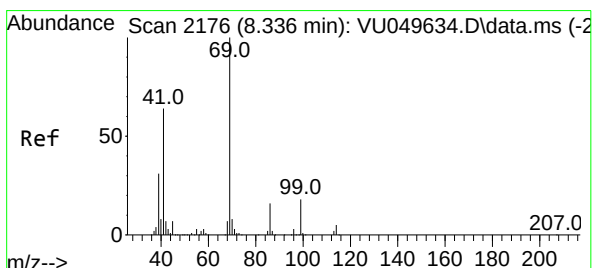
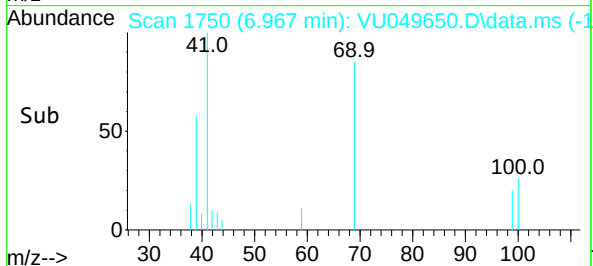
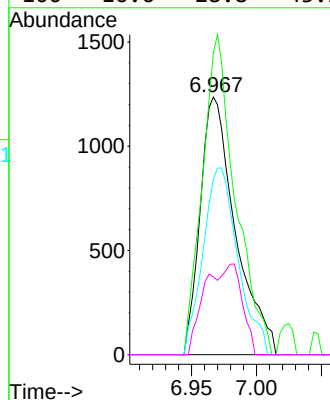
Ion Ratio Lower Upper

69 100

41 116.4 0.0 225.4

39 71.7 45.8 68.8#

100 16.6 28.8 43.2#



#48

Ethyl methacrylate

Concen: 0.192 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU049650.D

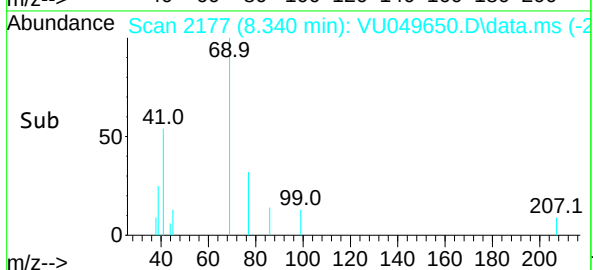
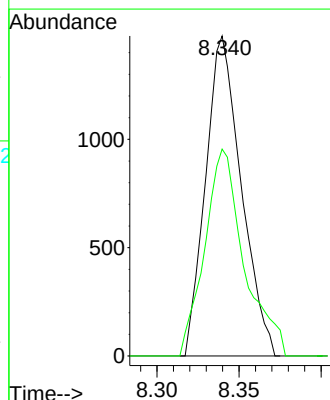
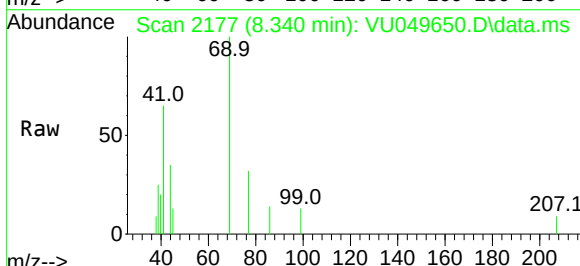
Acq: 07 Jul 2022 13:33

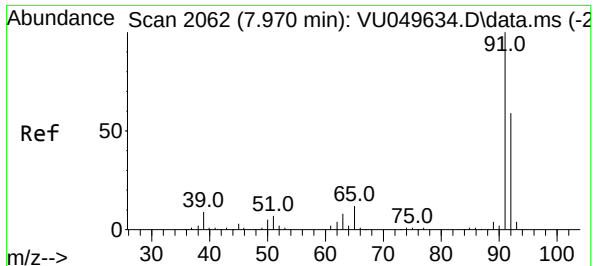
Tgt Ion: 69 Resp: 2227

Ion Ratio Lower Upper

69 100

41 71.2 32.3 96.9





#49

Toluene

Concen: 0.213 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

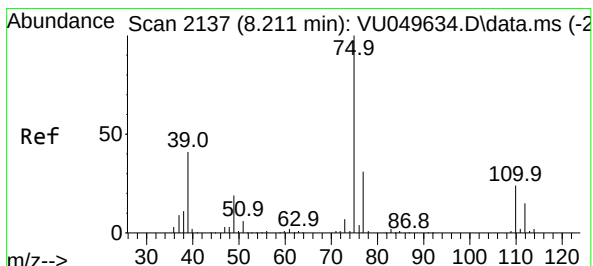
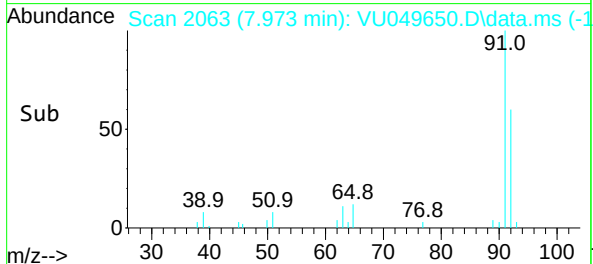
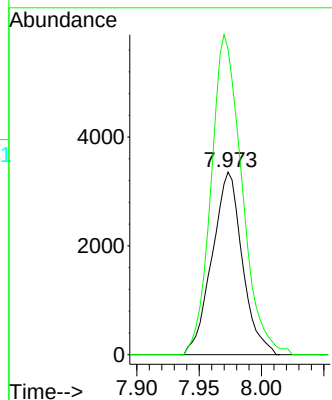
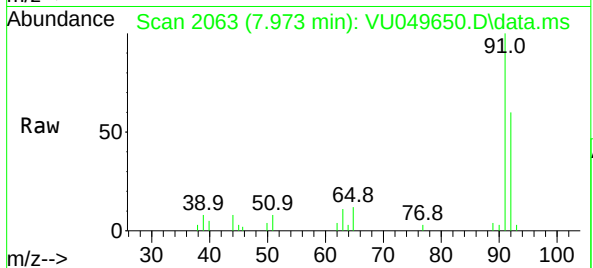
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 92 Resp: 5676

Ion Ratio Lower Upper

92 100

91 178.7 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.206 ug/l

RT: 8.217 min Scan# 2139

Delta R.T. 0.006 min

Lab File: VU049650.D

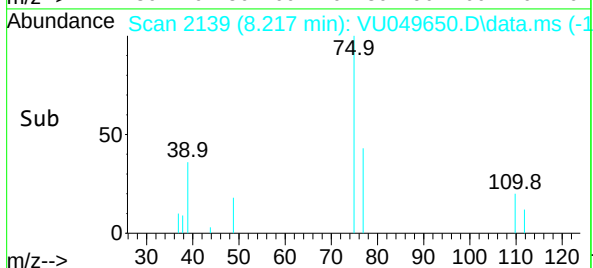
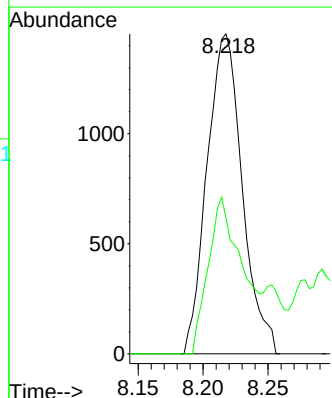
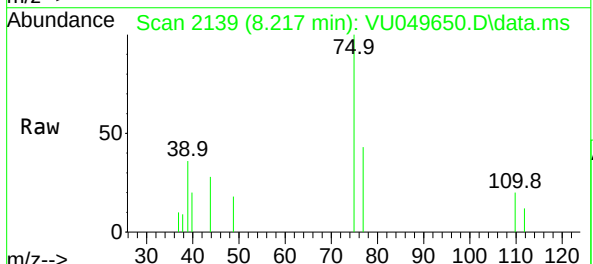
Acq: 07 Jul 2022 13:33

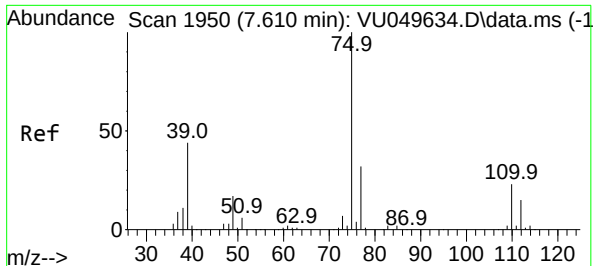
Tgt Ion: 75 Resp: 2738

Ion Ratio Lower Upper

75 100

77 42.5 24.7 37.1#





#51

cis-1,3-Dichloropropene

Concen: 0.205 ug/l

RT: 7.613 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

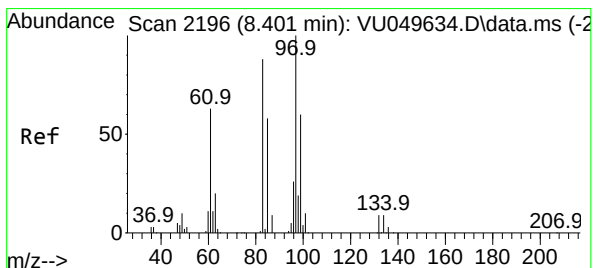
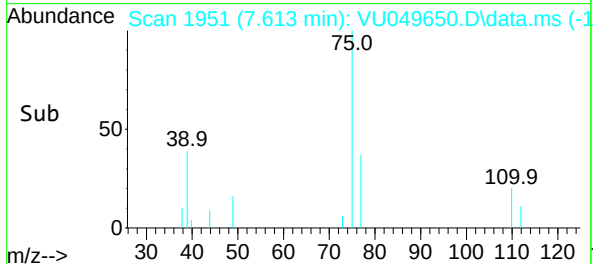
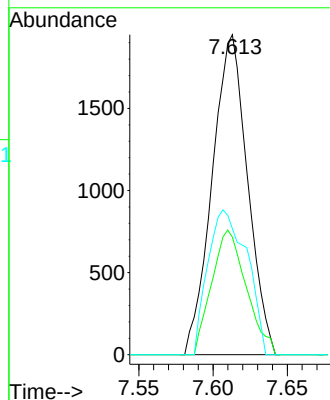
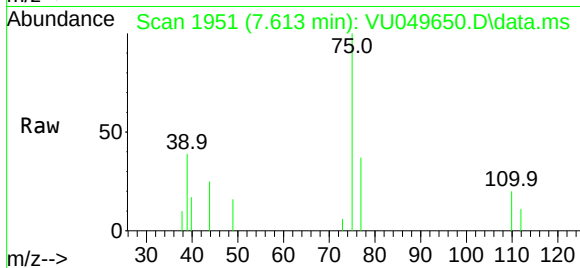
Tgt Ion: 75 Resp: 3227

Ion Ratio Lower Upper

75 100

77 36.8 25.4 38.0

39 39.4 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 0.227 ug/l

RT: 8.404 min Scan# 2197

Delta R.T. 0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Tgt Ion: 97 Resp: 1802

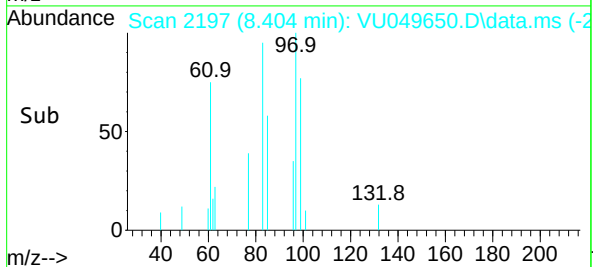
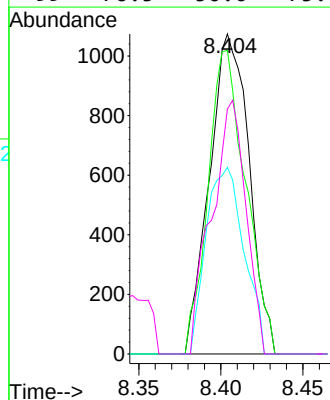
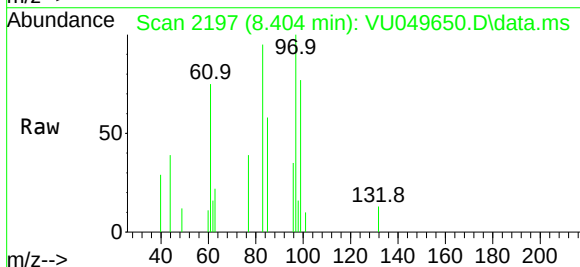
Ion Ratio Lower Upper

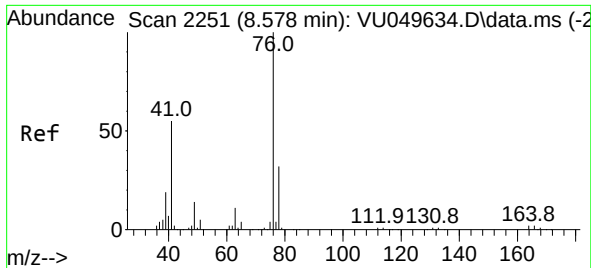
97 100

83 94.9 70.6 106.0

85 58.3 46.2 69.4

99 76.5 50.0 75.0#

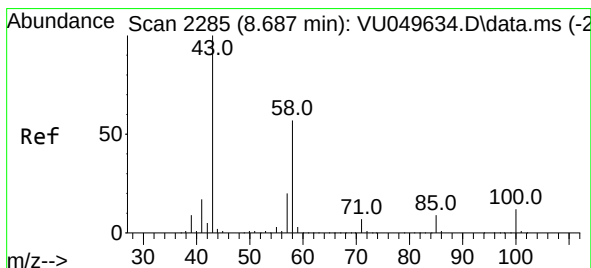
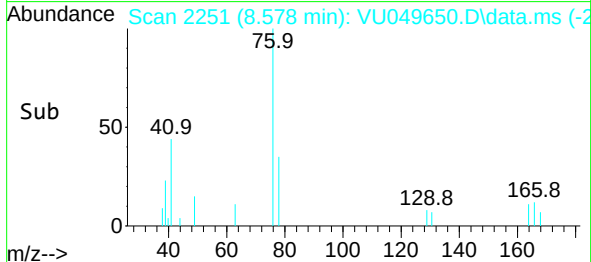
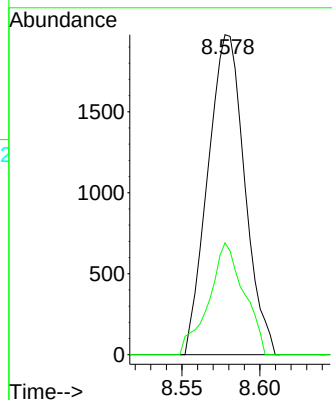
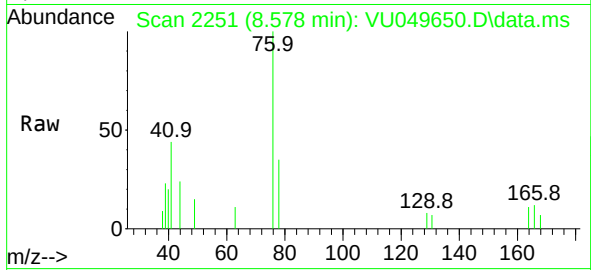




#53
1,3-Dichloropropane
Concen: 0.228 ug/l
RT: 8.578 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

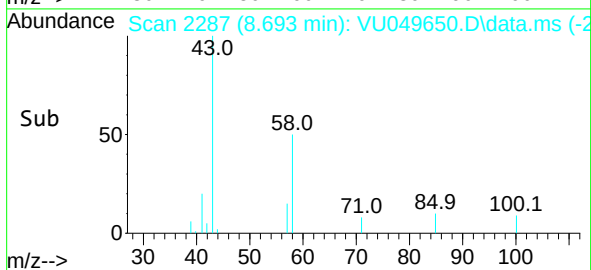
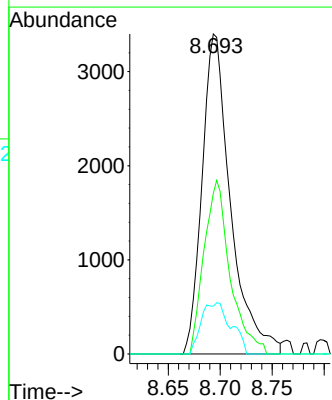
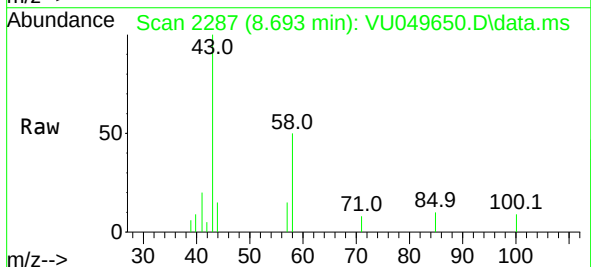
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

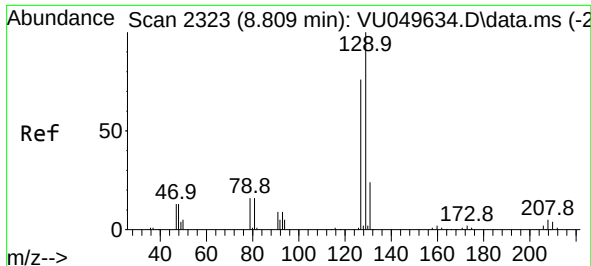
Tgt Ion: 76 Resp: 3239
Ion Ratio Lower Upper
76 100
78 33.5 26.0 39.0



#54
2-Hexanone
Concen: 1.198 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 43 Resp: 6491
Ion Ratio Lower Upper
43 100
58 49.5 37.1 77.1
57 16.7 0.0 39.5

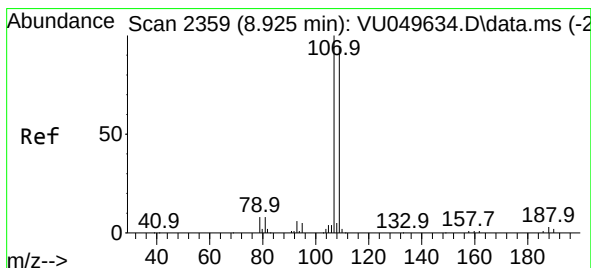
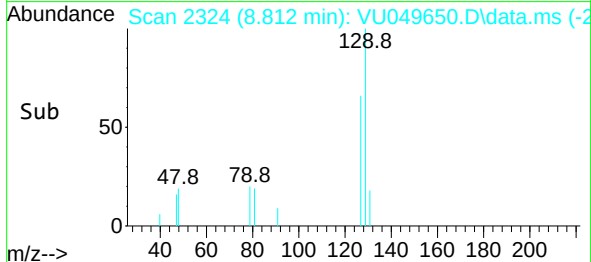
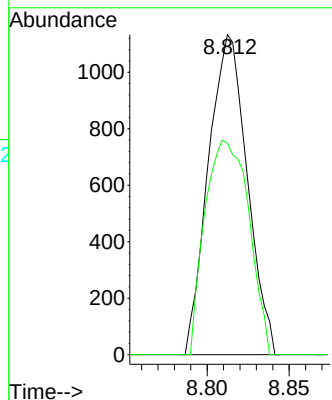
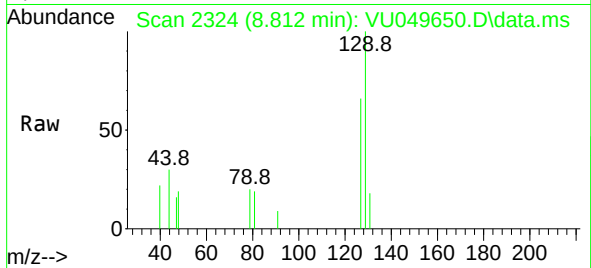




#55
Dibromochloromethane
Concen: 0.205 ug/l
RT: 8.812 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

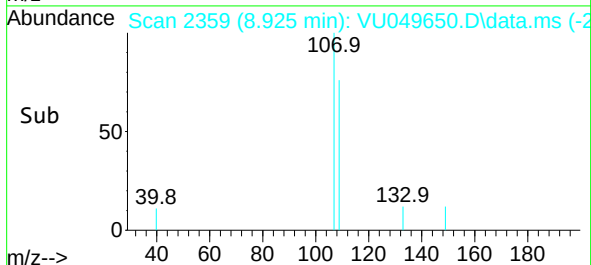
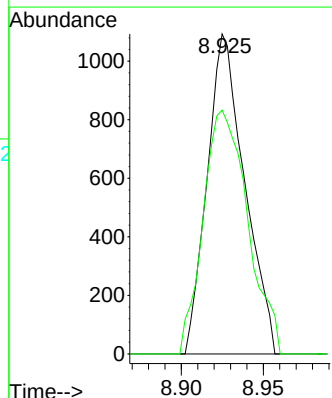
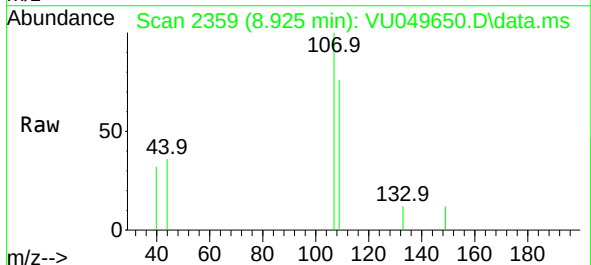
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

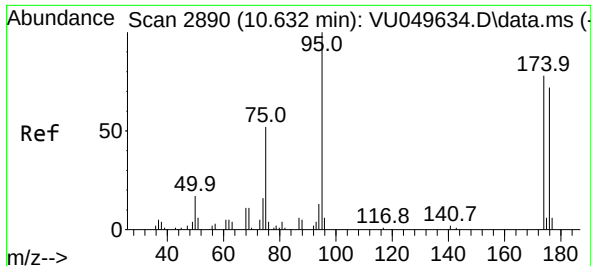
Tgt Ion:129 Resp: 1860
Ion Ratio Lower Upper
129 100
127 75.7 61.2 91.8



#56
1,2-Dibromoethane
Concen: 0.225 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion:107 Resp: 1732
Ion Ratio Lower Upper
107 100
109 90.5 0.0 187.2

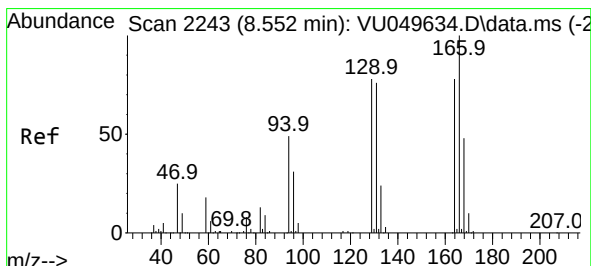
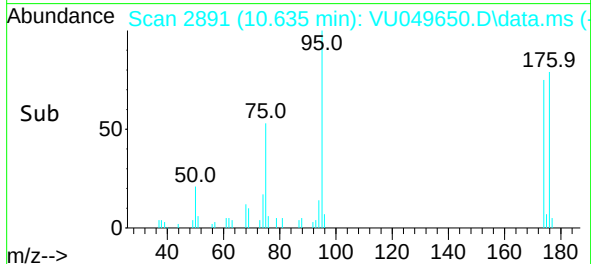
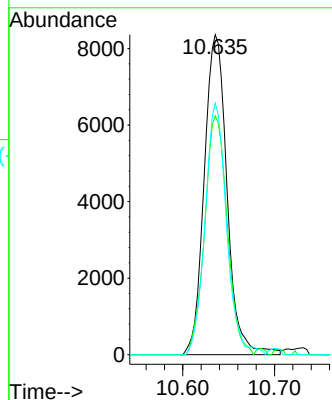
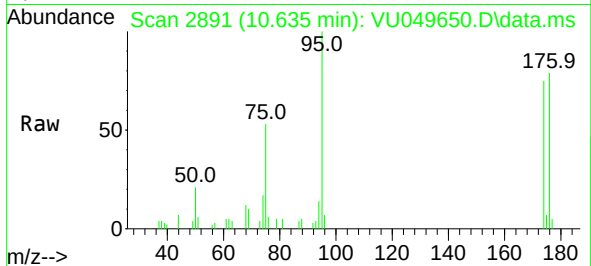




#57
4-Bromofluorobenzene
Concen: 0.983 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

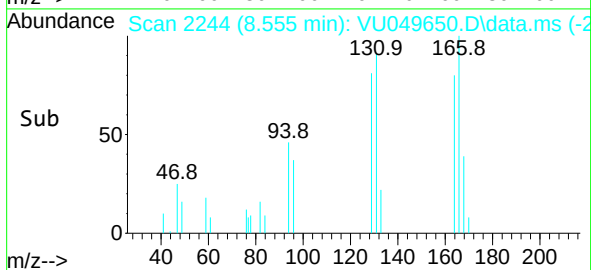
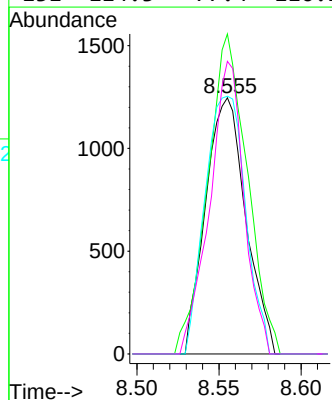
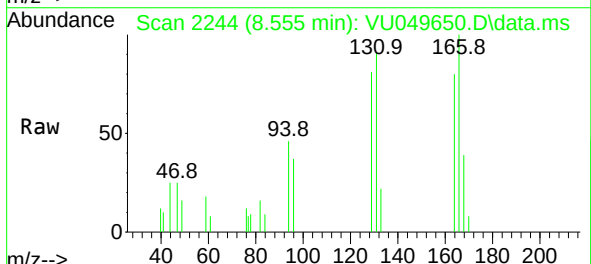
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

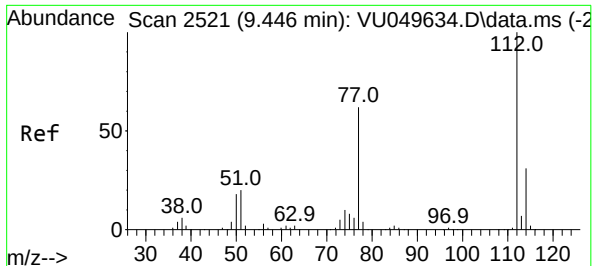
Tgt Ion: 95 Resp: 14424
Ion Ratio Lower Upper
95 100
174 73.8 62.4 93.6
176 74.2 56.2 84.2



#58
Tetrachloroethene
Concen: 0.232 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 164 Resp: 2122
Ion Ratio Lower Upper
164 100
166 125.0 102.4 153.6
129 100.6 79.5 119.3
131 114.3 77.4 116.2





#59

Chlorobenzene

Concen: 0.230 ug/l

RT: 9.449 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

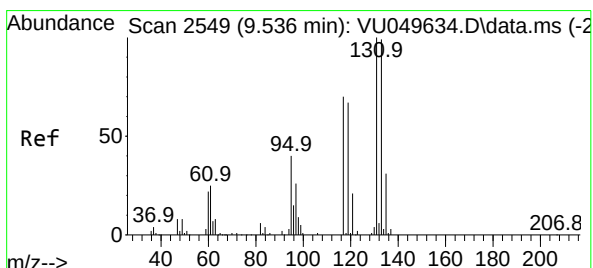
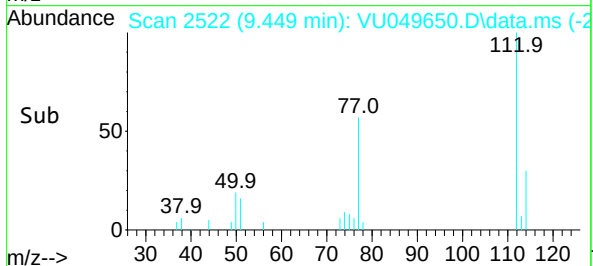
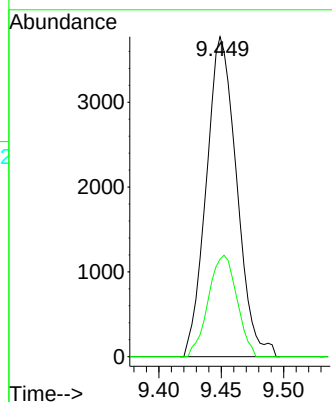
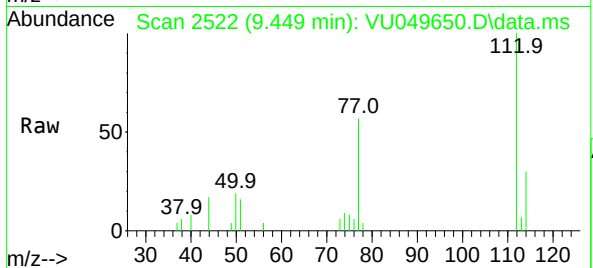
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:112 Resp: 6392

Ion Ratio Lower Upper

112 100

114 30.5 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 0.227 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

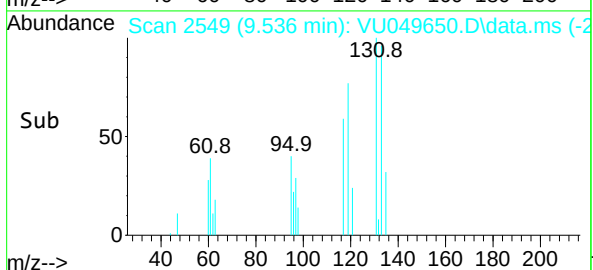
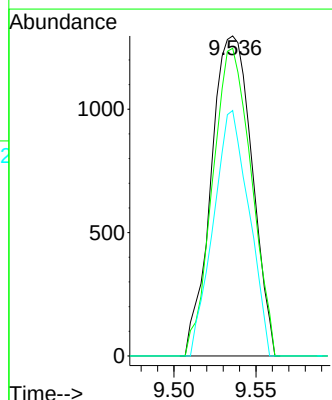
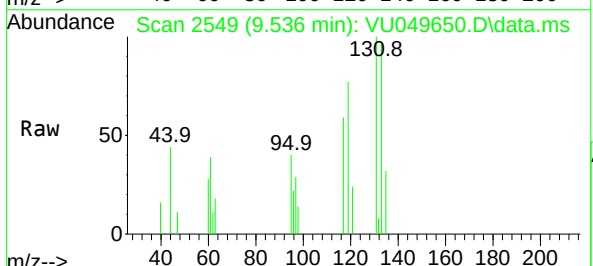
Tgt Ion:131 Resp: 2246

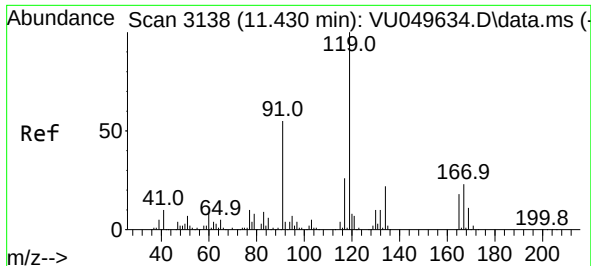
Ion Ratio Lower Upper

131 100

133 91.2 78.3 117.5

119 66.7 53.2 79.8

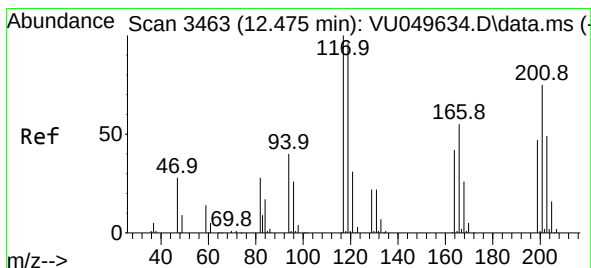
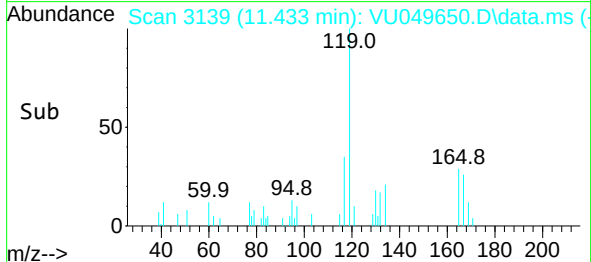
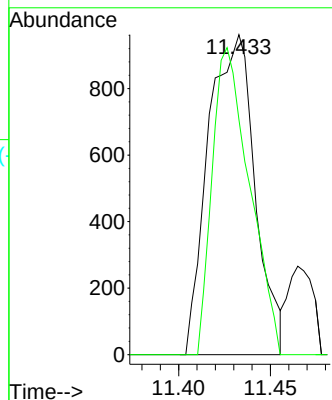
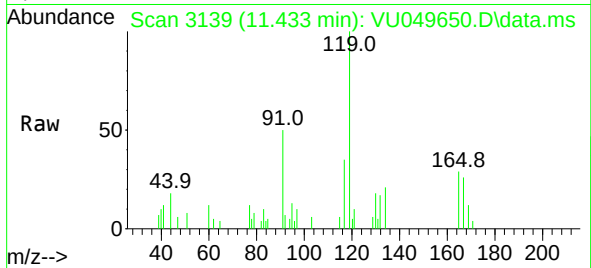




#61
Pentachloroethane
Concen: 0.224 ug/l
RT: 11.433 min Scan# 3138
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

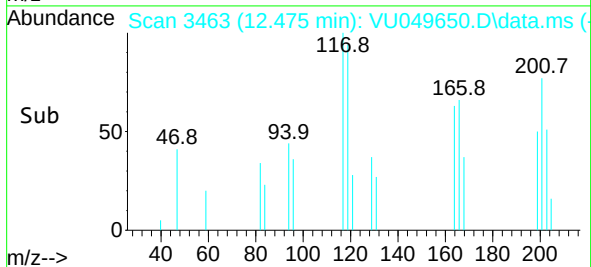
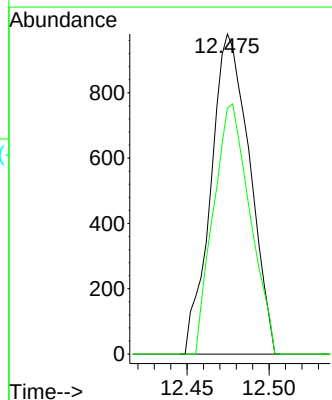
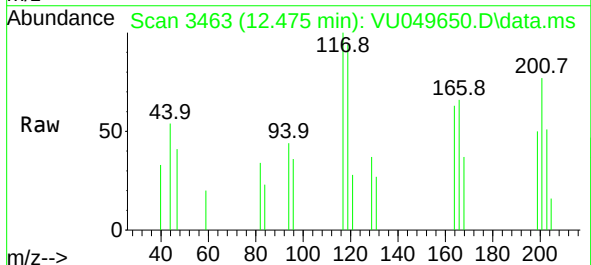
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

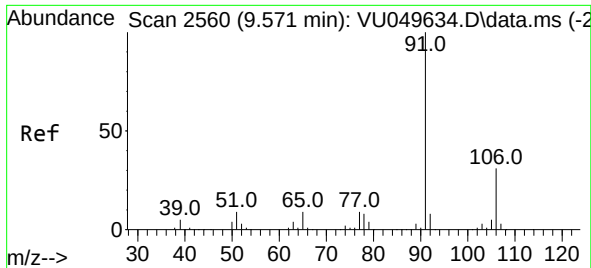
Tgt Ion:117 Resp: 1702
Ion Ratio Lower Upper
117 100
167 76.6 66.2 99.4



#62
Hexachloroethane
Concen: 0.211 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion:117 Resp: 1609
Ion Ratio Lower Upper
117 100
201 73.6 61.0 91.4

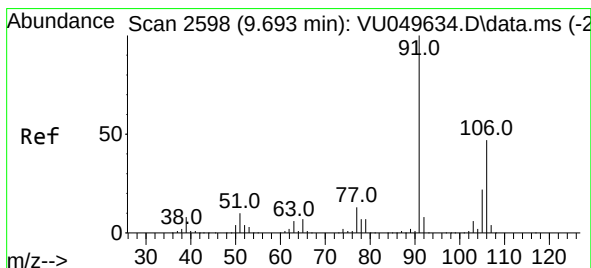
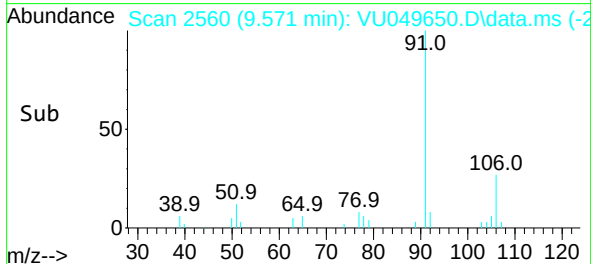
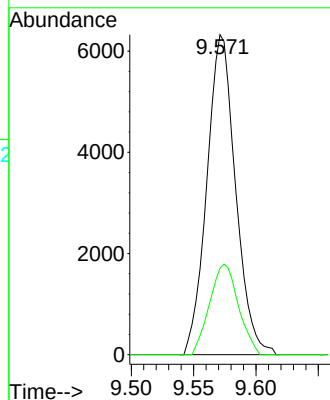
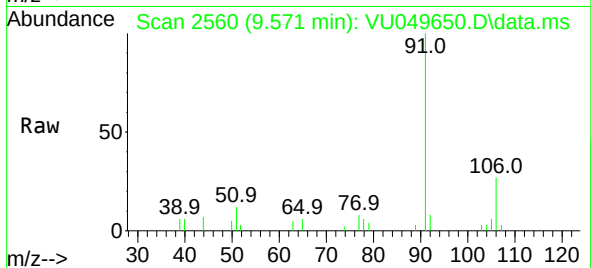




#63
Ethyl Benzene
Concen: 0.202 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

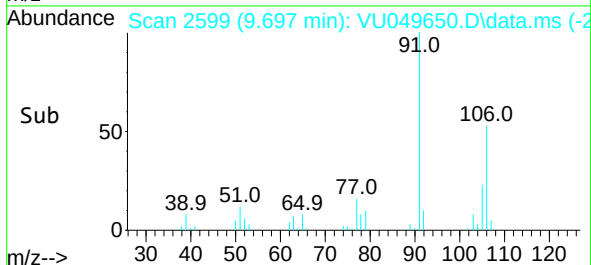
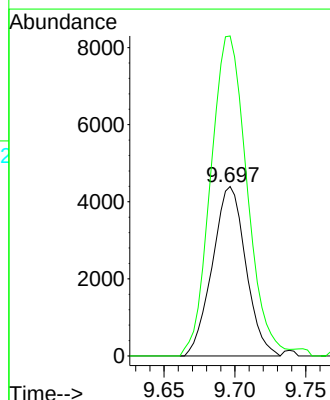
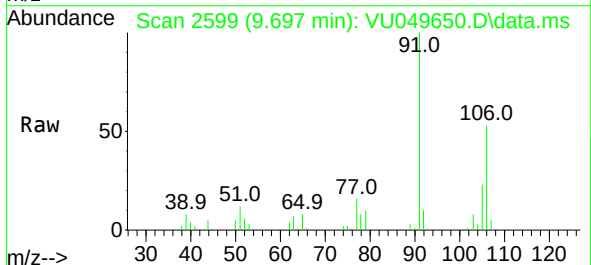
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

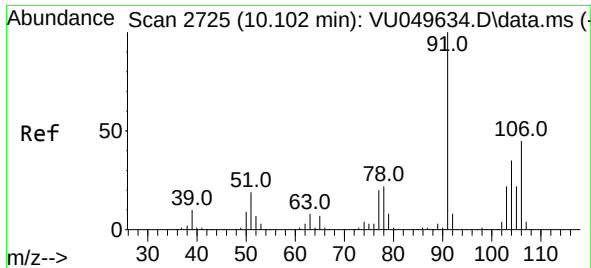
Tgt Ion: 91 Resp: 10136
Ion Ratio Lower Upper
91 100
106 27.1 24.4 36.6



#64
m/p-Xylenes
Concen: 0.389 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 106 Resp: 7211
Ion Ratio Lower Upper
106 100
91 204.8 167.8 251.6

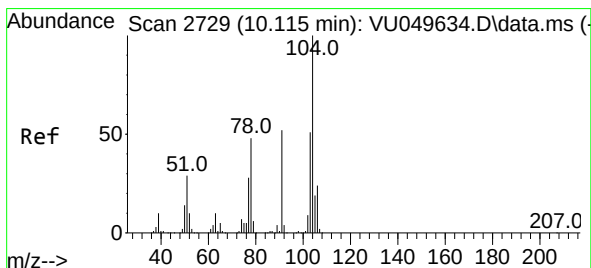
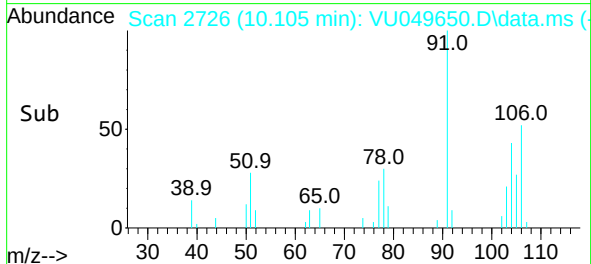
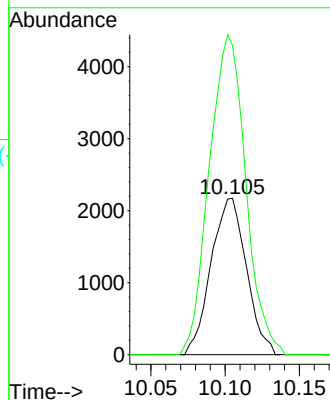
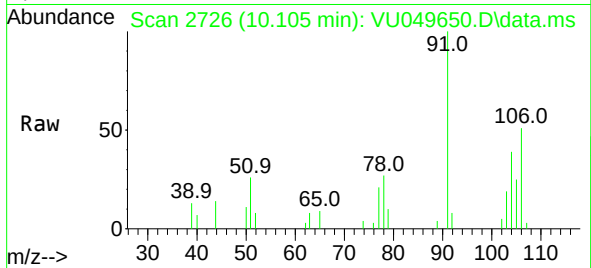




#65
o-Xylene
Concen: 0.198 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

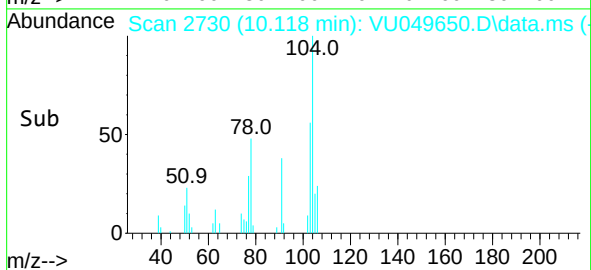
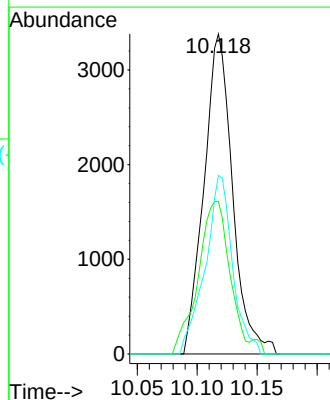
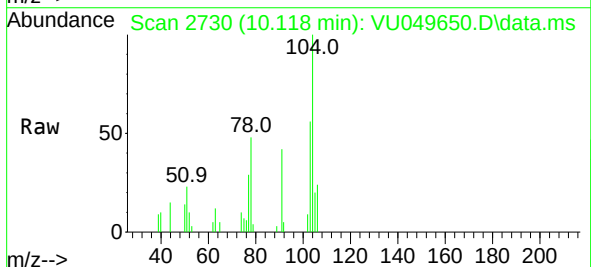
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

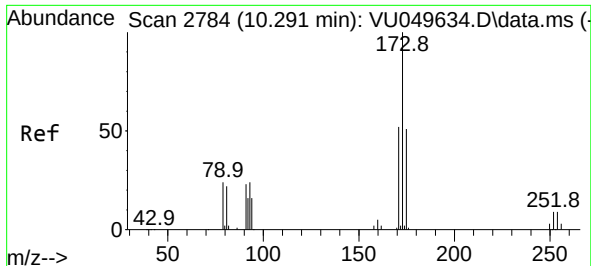
Tgt Ion:106 Resp: 3600
Ion Ratio Lower Upper
106 100
91 210.8 111.1 333.2



#66
Styrene
Concen: 0.191 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion:104 Resp: 5591
Ion Ratio Lower Upper
104 100
78 52.9 42.1 63.1
103 53.5 44.5 66.7

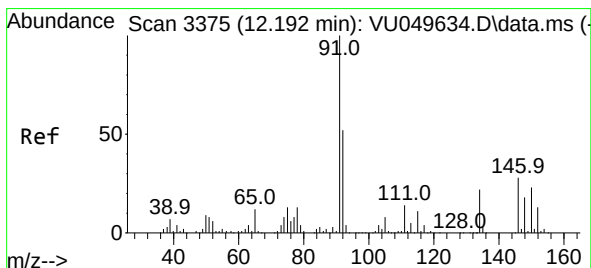
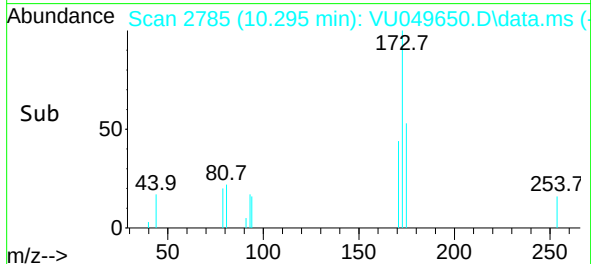
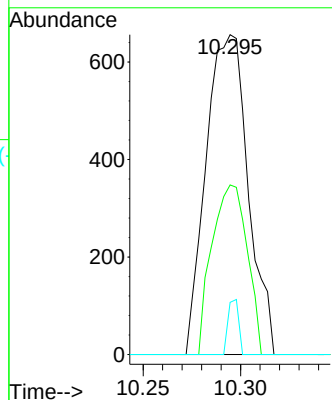
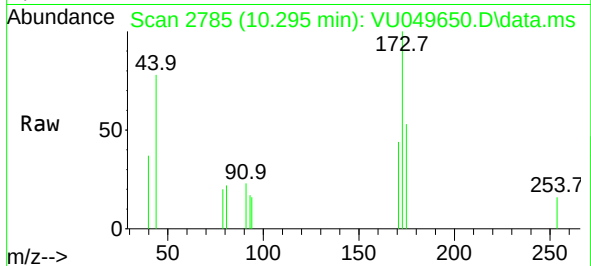




#67
Bromoform
Concen: 0.191 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

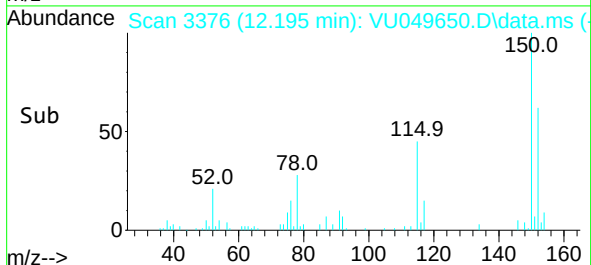
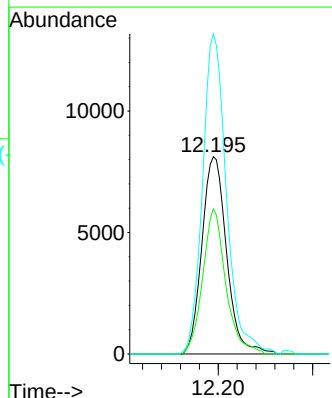
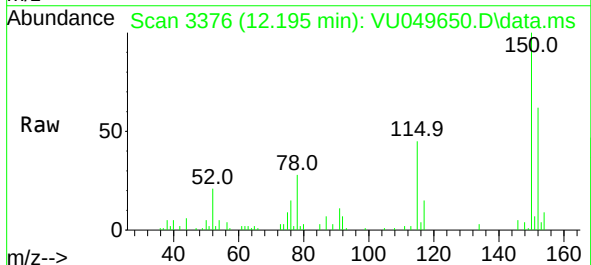
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

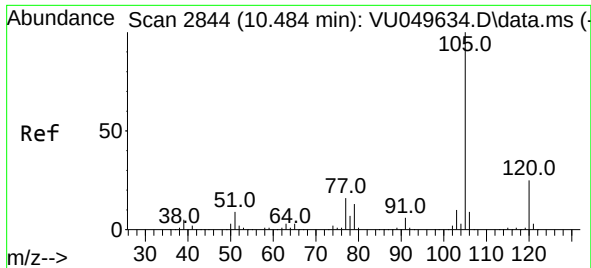
Tgt Ion	Ratio	Lower	Upper
173	100		
175	44.3	38.4	57.6
254	4.3	7.7	11.5



#68
1,2-Dichlorobenzene-d4
Concen: 1.089 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.8	0.0	254.6
150	157.1	0.0	623.6

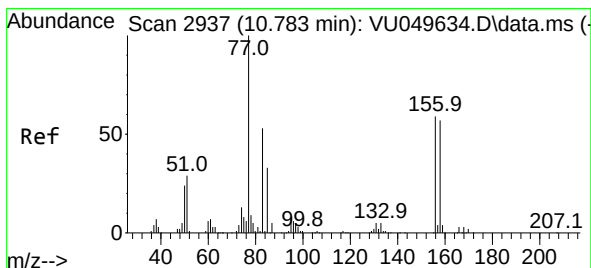
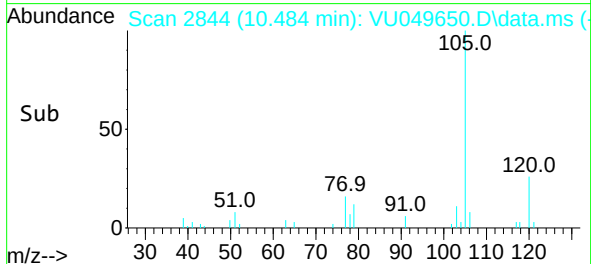
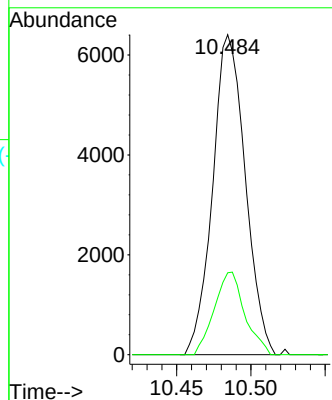
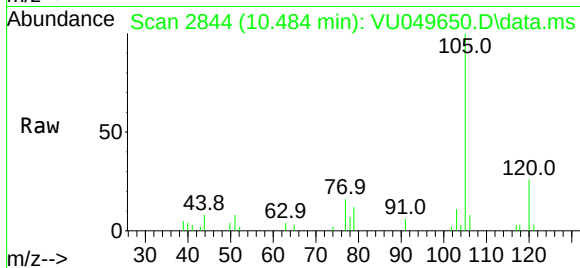




#69
Isopropylbenzene
Concen: 0.201 ug/l
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

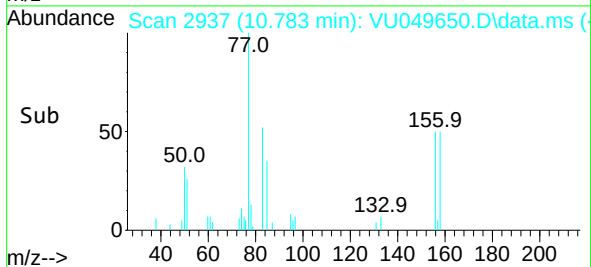
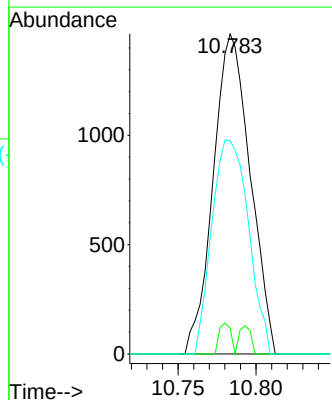
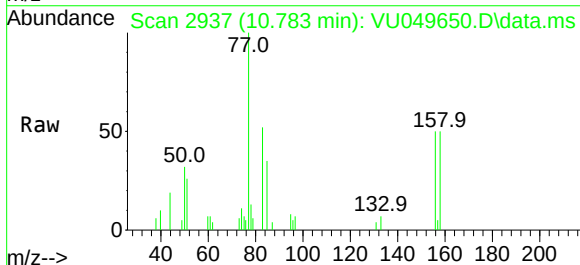
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

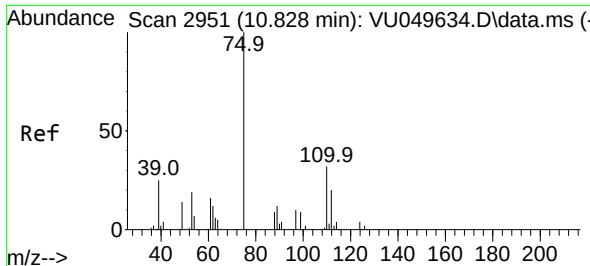
Tgt Ion:105 Resp: 9789
Ion Ratio Lower Upper
105 100
120 24.1 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.234 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 83 Resp: 2409
Ion Ratio Lower Upper
83 100
131 3.0 7.7 11.5#
85 66.2 51.2 76.8

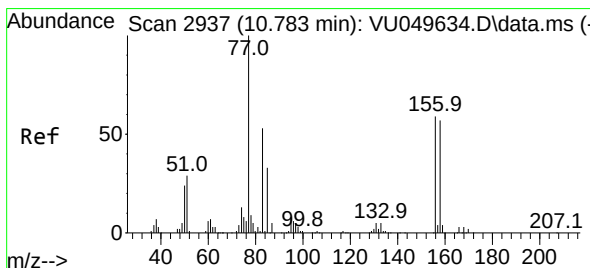
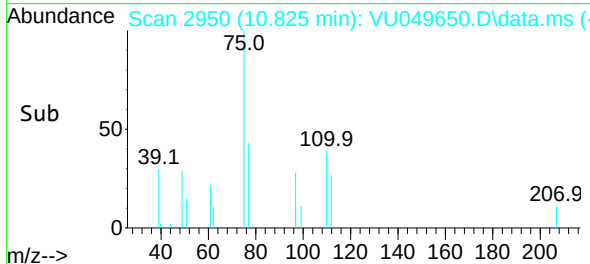
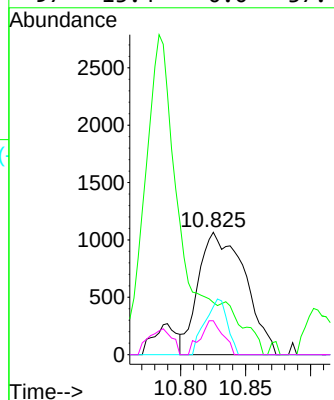
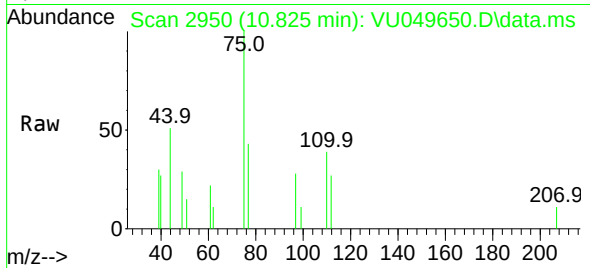




#71
1,2,3-Trichloropropane
Concen: 0.312 ug/l
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

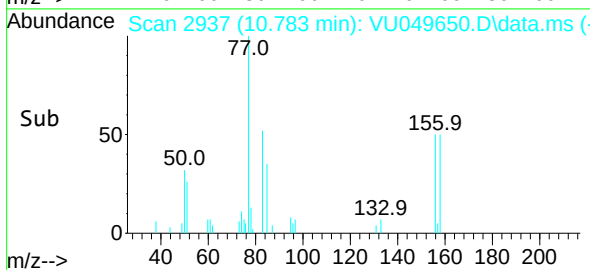
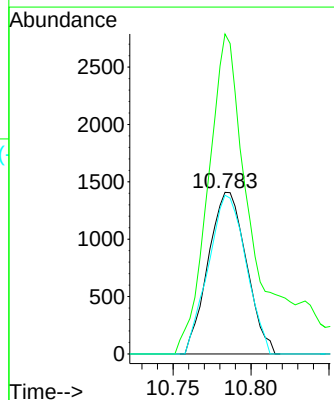
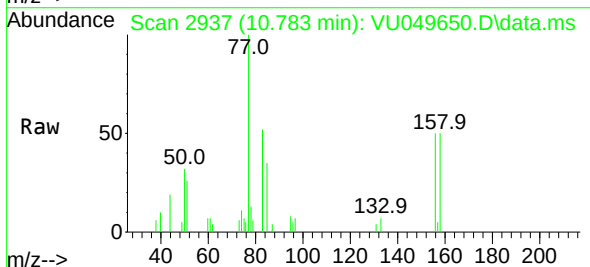
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

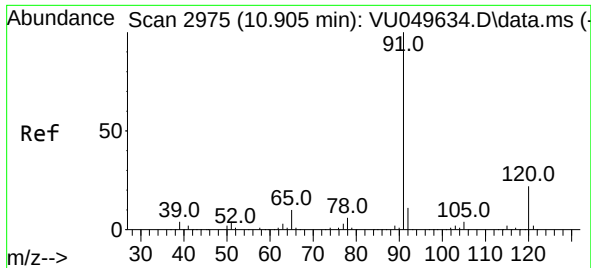
Tgt Ion:	75	Resp:	2658
Ion	Ratio	Lower	Upper
75	100		
77	21.6	0.0	112.4
110	21.8	0.0	70.6
97	13.4	0.0	37.4



#72
Bromobenzene
Concen: 0.218 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion:	156	Resp:	2395
Ion	Ratio	Lower	Upper
156	100		
77	214.2	0.0	344.4
158	97.0	0.0	192.2

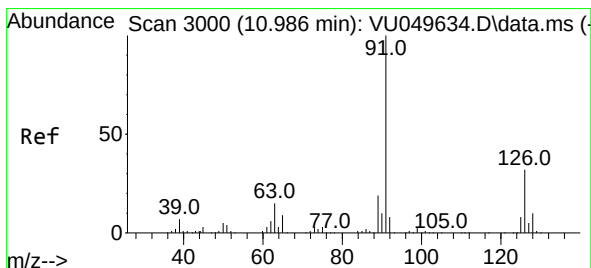
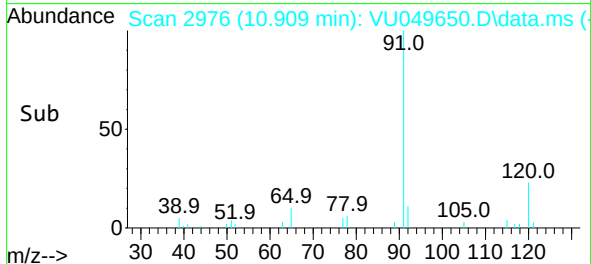
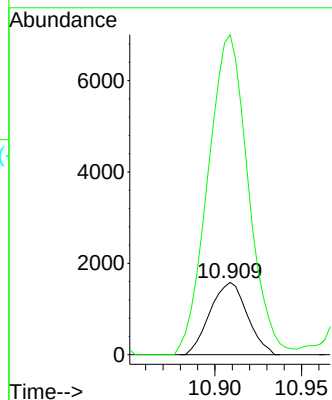
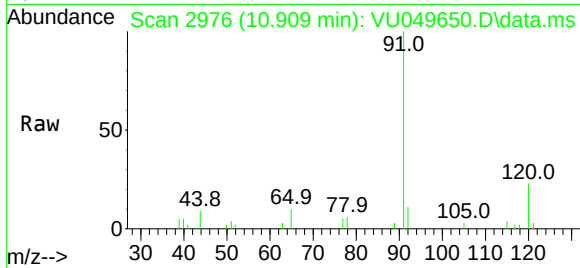




#73
n-propylbenzene
Concen: 0.192 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

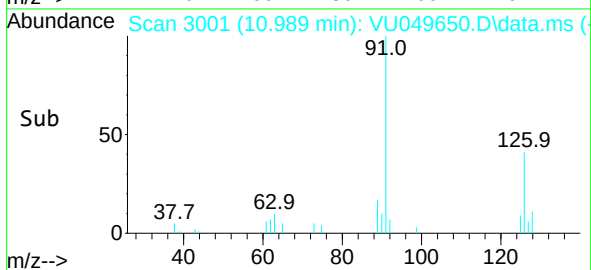
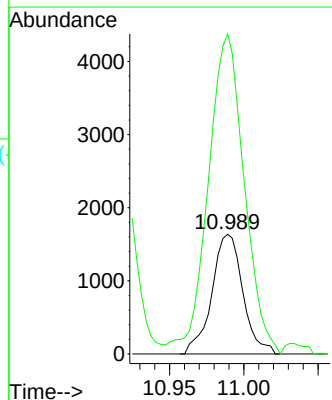
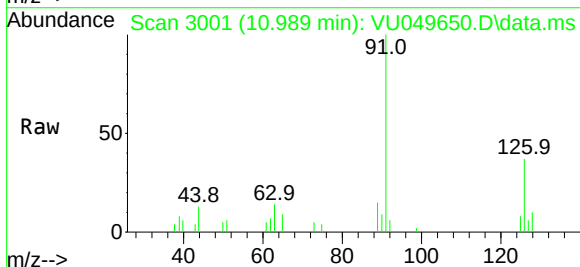
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

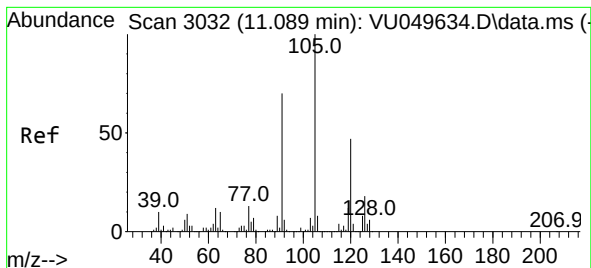
Tgt Ion:120 Resp: 2358
Ion Ratio Lower Upper
120 100
91 480.8 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.217 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion:126 Resp: 2373
Ion Ratio Lower Upper
126 100
91 311.0 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 0.184 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

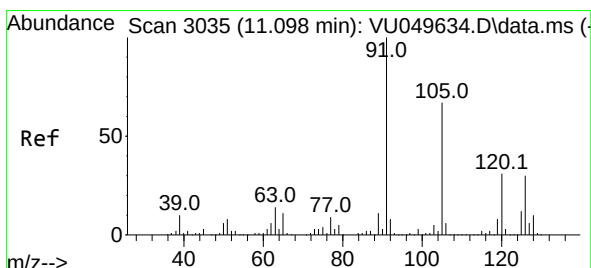
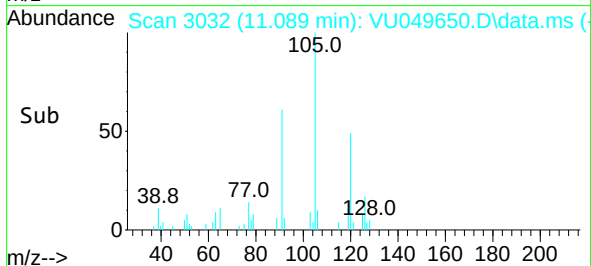
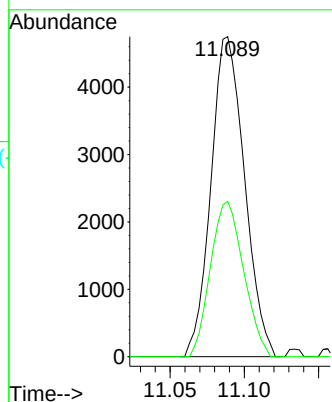
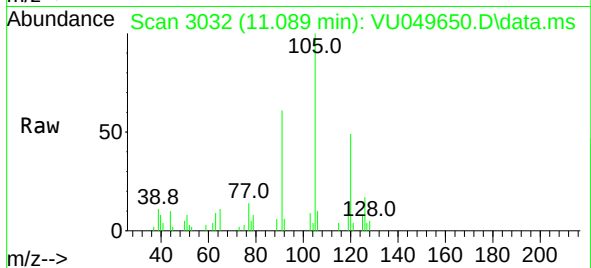
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:105 Resp: 7466

Ion Ratio Lower Upper

105 100

120 47.8 37.6 56.4



#76

4-Chlorotoluene

Concen: 0.219 ug/l

RT: 11.102 min Scan# 3036

Delta R.T. 0.003 min

Lab File: VU049650.D

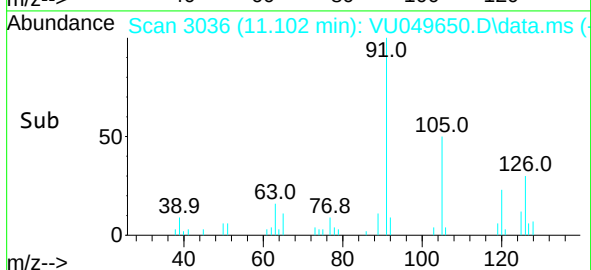
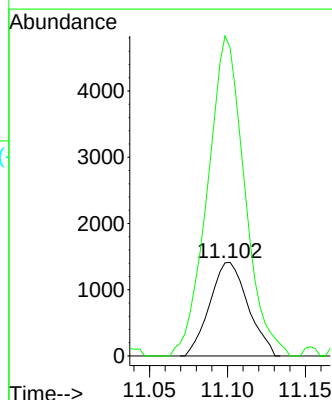
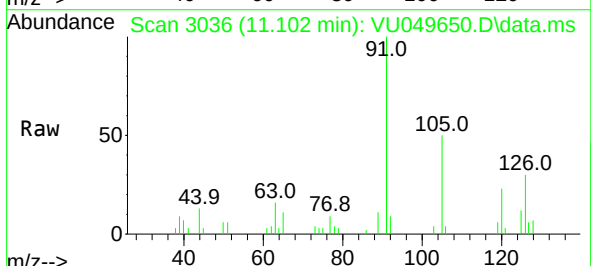
Acq: 07 Jul 2022 13:33

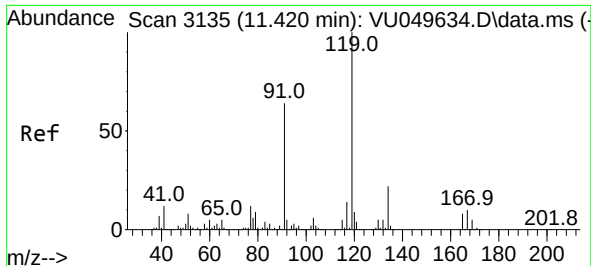
Tgt Ion:126 Resp: 2405

Ion Ratio Lower Upper

126 100

91 332.5 0.0 738.8

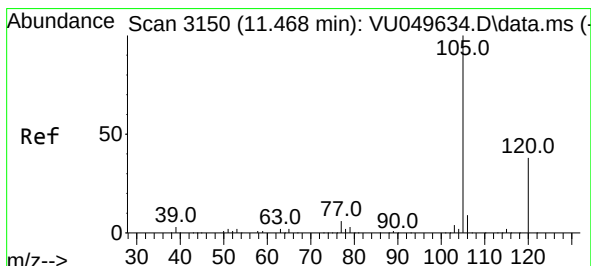
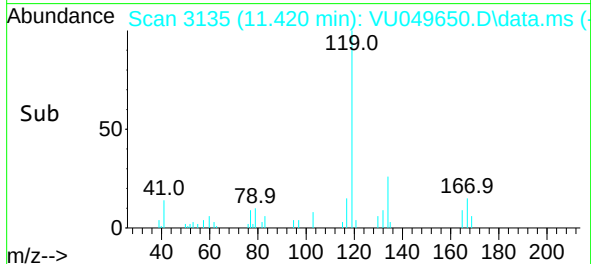
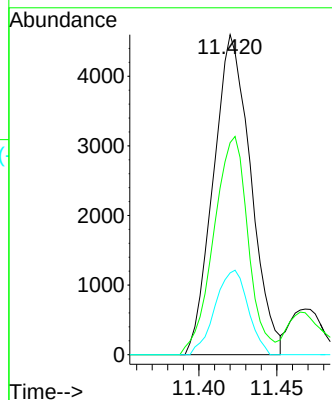
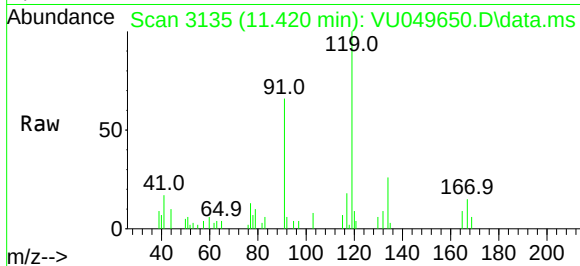




#77
tert-Butylbenzene
Concen: 0.191 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

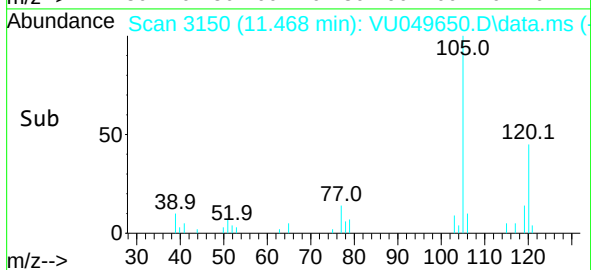
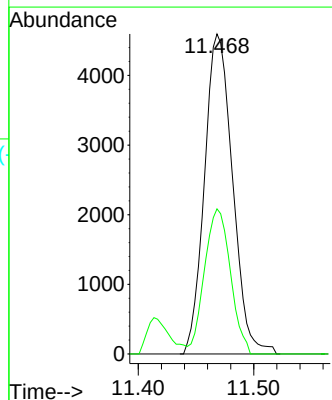
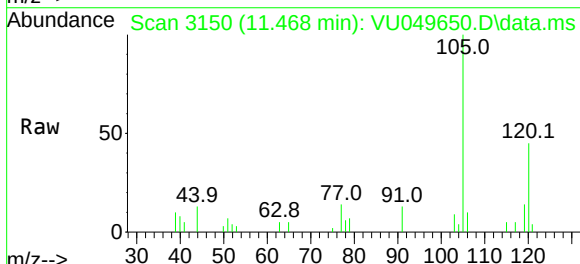
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

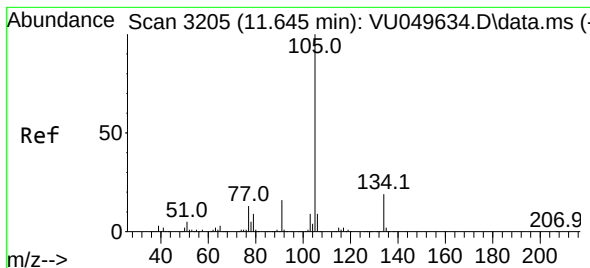
Tgt Ion:	119	Resp:	7650
Ion	Ratio	Lower	Upper
119	100		
91	63.0	30.4	91.3
134	23.3	17.8	26.6



#78
1,2,4-Trimethylbenzene
Concen: 0.190 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion:	105	Resp:	7776
Ion	Ratio	Lower	Upper
105	100		
120	41.7	21.6	65.0





#79

sec-Butylbenzene

Concen: 0.200 ug/l

RT: 11.642 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

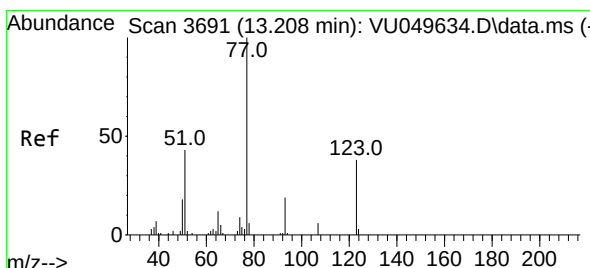
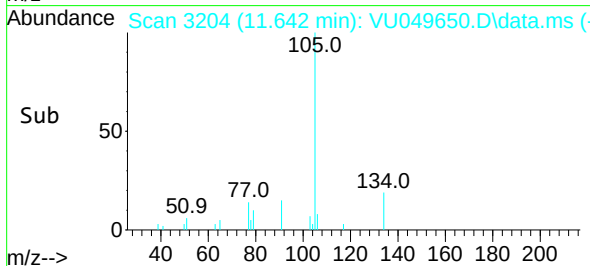
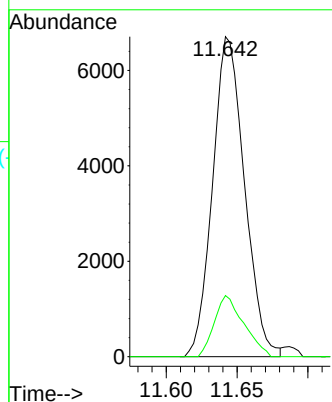
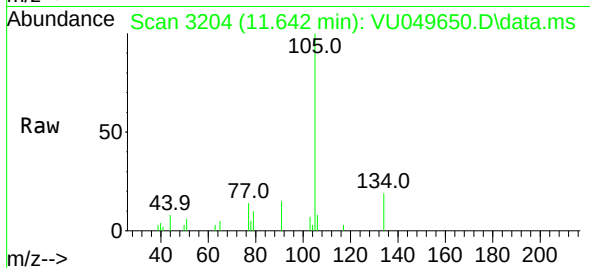
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:105 Resp: 10521

Ion Ratio Lower Upper

105 100

134 17.6 15.4 23.0



#80

Nitrobenzene

Concen: 0.318 ug/l

RT: 13.208 min Scan# 3691

Delta R.T. 0.000 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

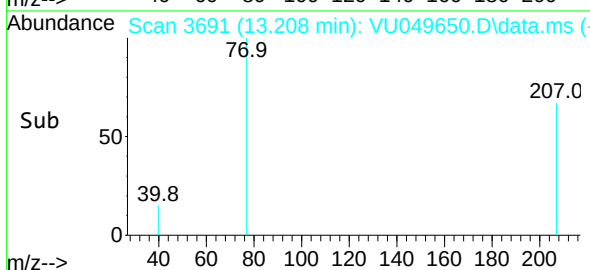
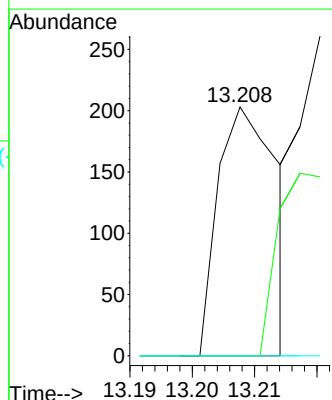
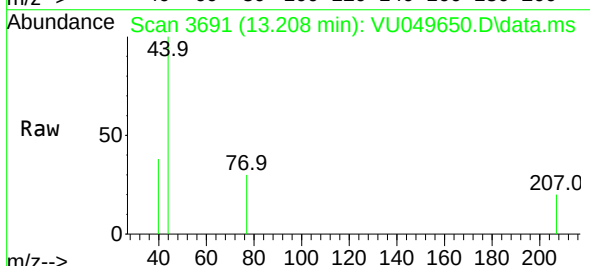
Tgt Ion: 77 Resp: 134

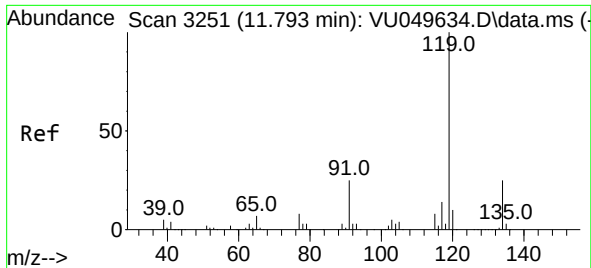
Ion Ratio Lower Upper

77 100

123 0.0 18.1 64.3#

65 0.0 10.8 13.8#

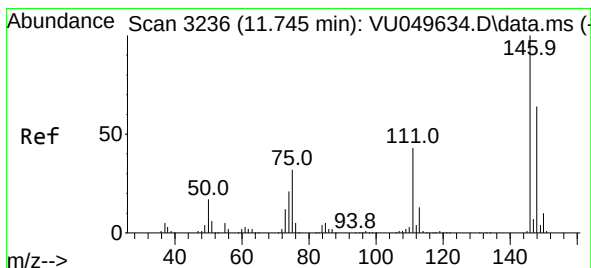
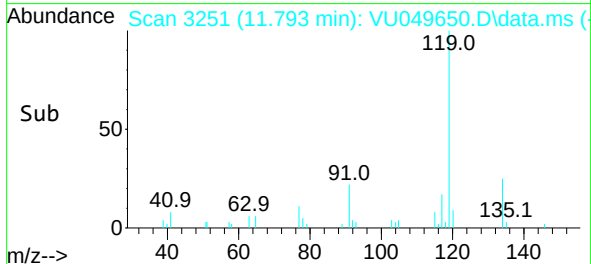
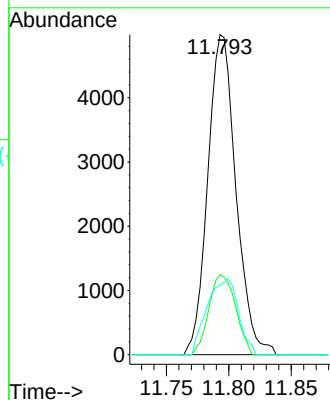
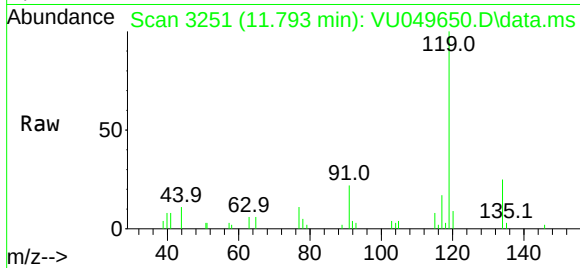




#81
p-Isopropyltoluene
Concen: 0.184 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

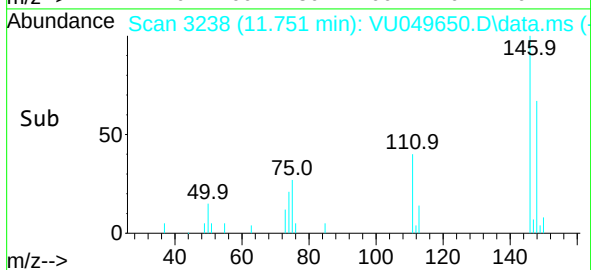
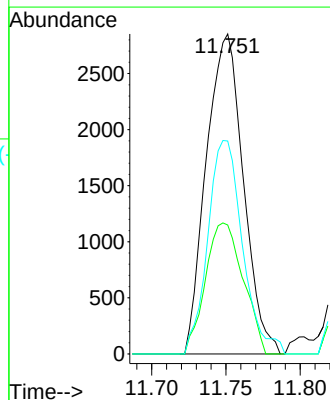
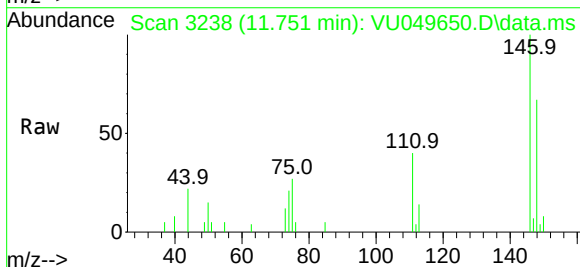
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

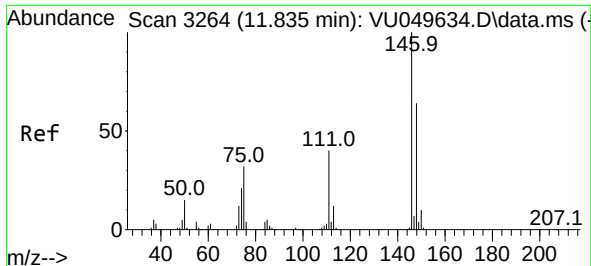
Tgt Ion:	119	Resp:	7847
Ion	Ratio	Lower	Upper
119	100		
134	23.6	20.5	30.7
91	26.2	19.8	29.6



#82
1,3-Dichlorobenzene
Concen: 0.233 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.006 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion:	146	Resp:	4945
Ion	Ratio	Lower	Upper
146	100		
111	41.7	33.4	50.2
148	62.7	51.2	76.8

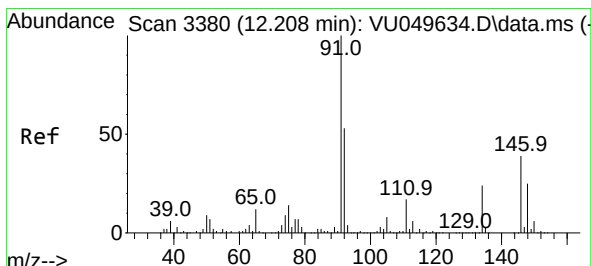
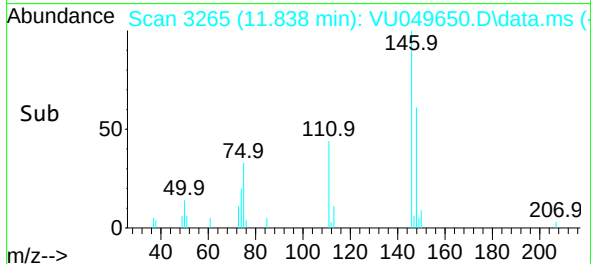
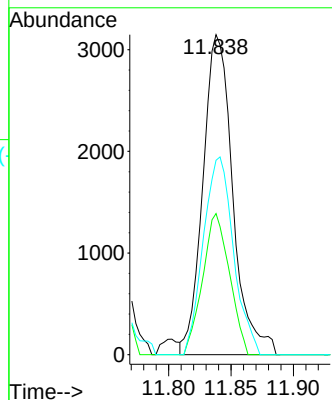
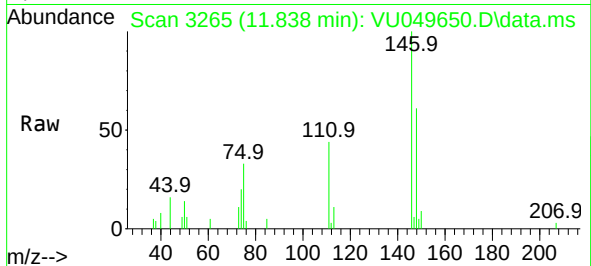




#83
1,4-Dichlorobenzene
Concen: 0.245 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

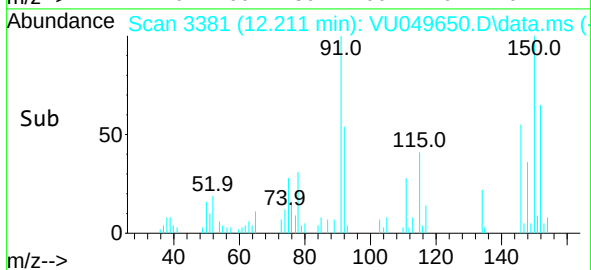
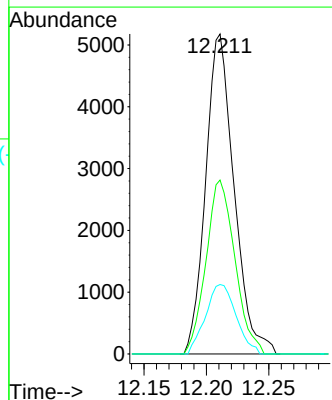
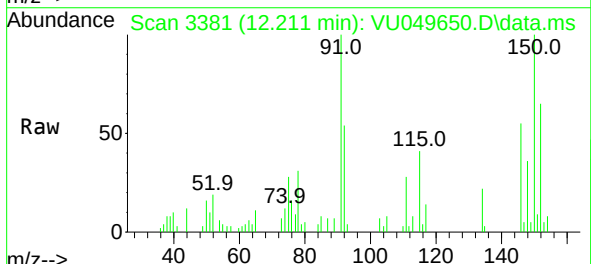
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

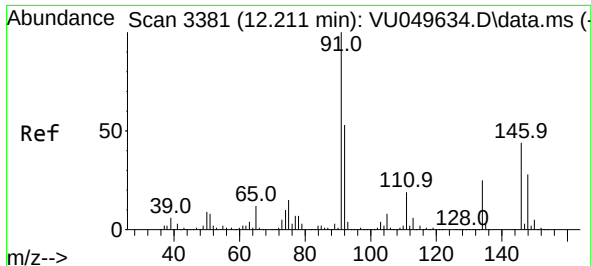
Tgt Ion:	146	Resp:	5250
Ion	Ratio	Lower	Upper
146	100		
111	39.6	32.6	49.0
148	62.4	51.6	77.4



#84
n-Butylbenzene
Concen: 0.207 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion:	91	Resp:	8203
Ion	Ratio	Lower	Upper
91	100		
92	55.4	42.3	63.5
134	23.4	19.6	29.4

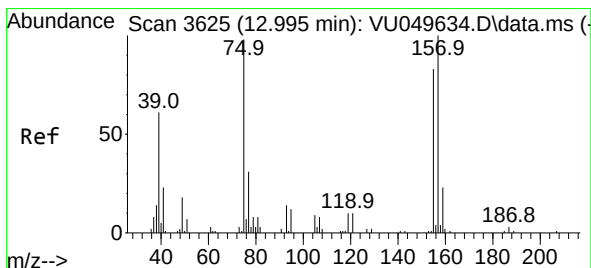
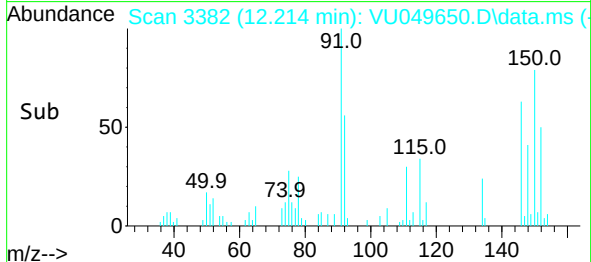
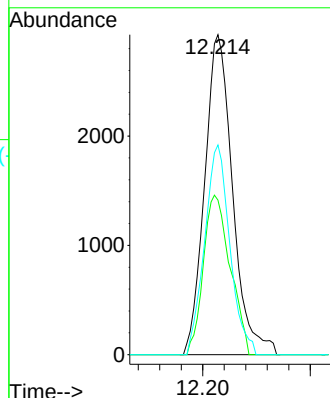
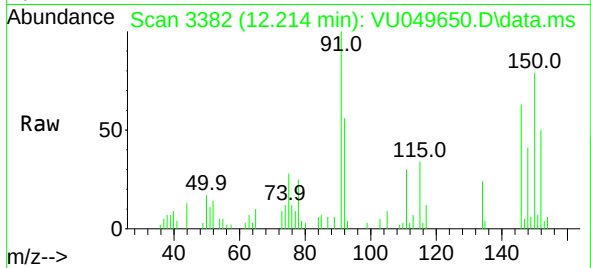




#85
1,2-Dichlorobenzene
Concen: 0.257 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

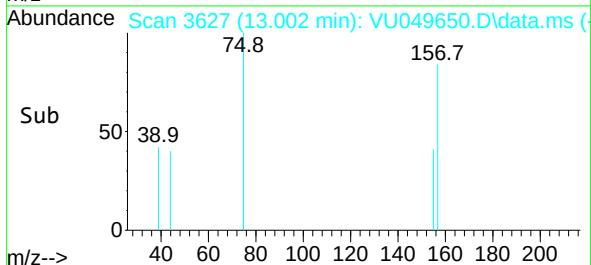
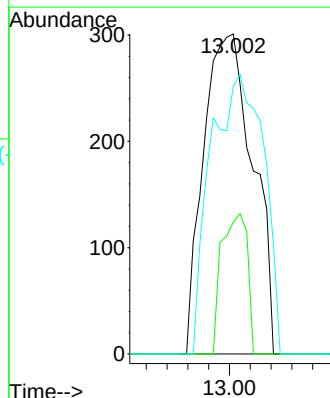
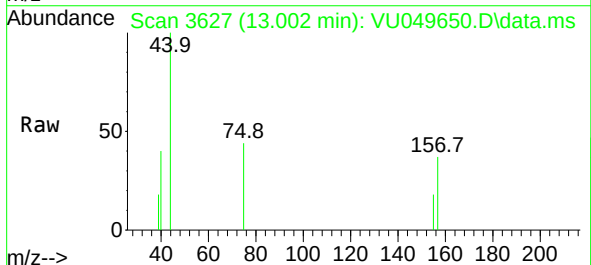
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

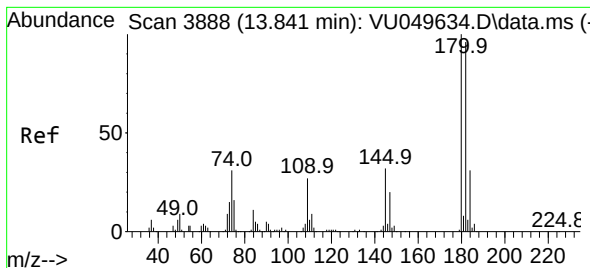
Tgt Ion:146 Resp: 5288
Ion Ratio Lower Upper
146 100
111 47.8 22.1 66.1
148 59.0 32.1 96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.275 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.006 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion: 75 Resp: 495
Ion Ratio Lower Upper
75 100
155 22.8 66.8 100.2#
157 93.5 83.8 125.8





#87

1,2,4-Trichlorobenzene

Concen: 0.295 ug/l

RT: 13.844 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

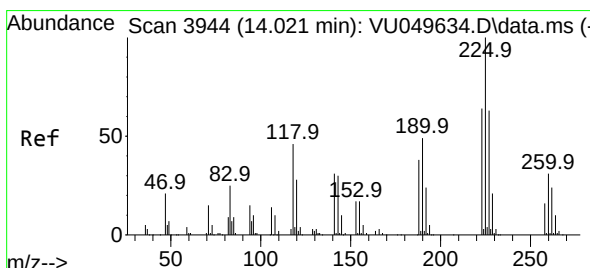
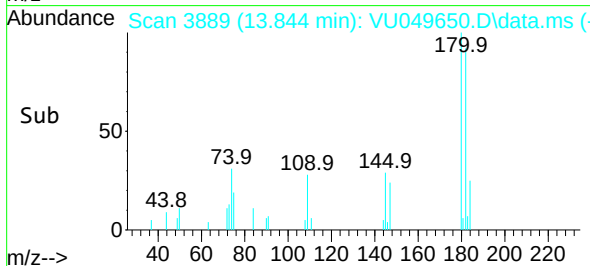
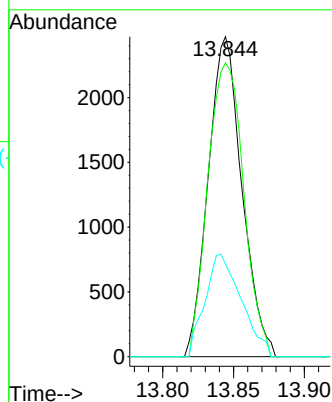
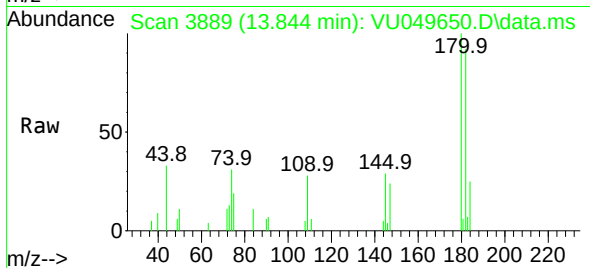
Tgt Ion:180 Resp: 4087

Ion Ratio Lower Upper

180 100

182 97.6 77.0 115.6

145 34.4 25.7 38.5



#88

Hexachlorobutadiene

Concen: 0.273 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU049650.D

Acq: 07 Jul 2022 13:33

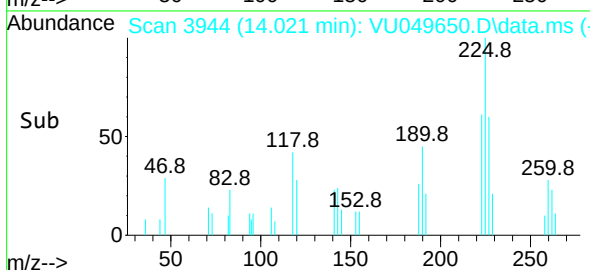
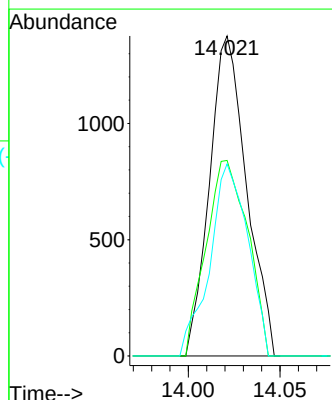
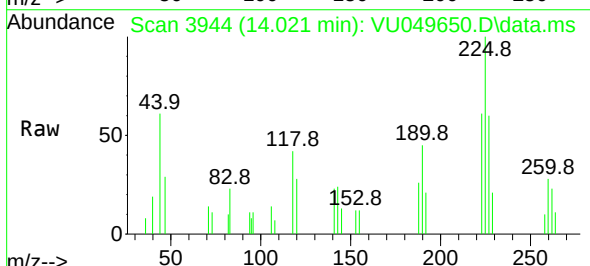
Tgt Ion:225 Resp: 1927

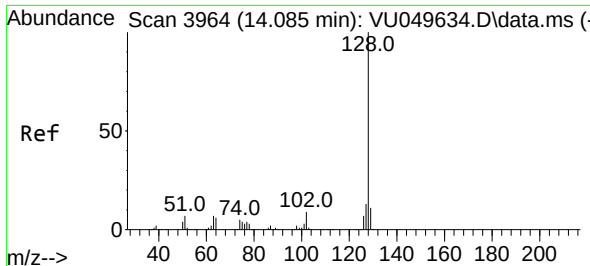
Ion Ratio Lower Upper

225 100

223 68.8 50.6 76.0

227 61.7 50.7 76.1

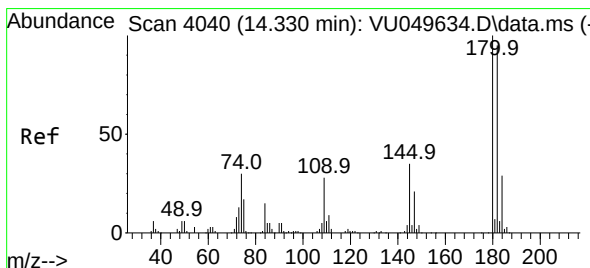
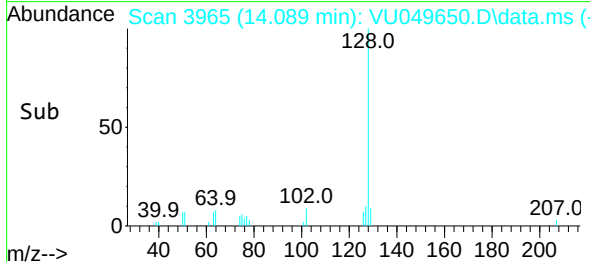
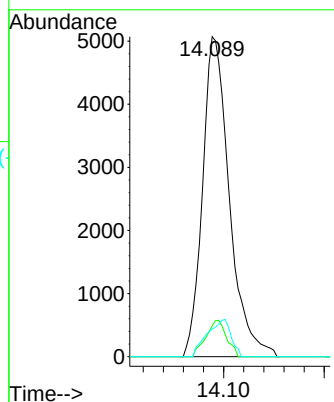
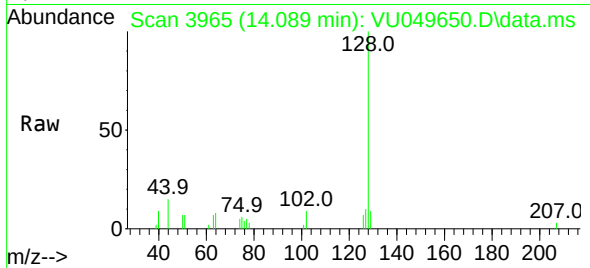




#89
Naphthalene
Concen: 0.323 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:128 Resp: 9375
Ion Ratio Lower Upper
128 100
127 8.8 10.1 15.1#
129 10.3 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.278 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049650.D
Acq: 07 Jul 2022 13:33

Tgt Ion:180 Resp: 3679
Ion Ratio Lower Upper
180 100
182 104.7 76.6 114.8
145 35.0 27.3 40.9

