

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049638.D
 Acq On : 06 Jul 2022 16:44
 Operator : SY/MD
 Sample : N3214-07 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 07 07:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:34:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	51936	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	18544	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	18069	1.032	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	4380	0.220	ug/l	97
3) Chloromethane	1.530	50	6170	0.303	ug/l	99
4) Vinyl Chloride	1.604	62	4166	0.225	ug/l	97
5) Bromomethane	1.858	94	2623	0.271	ug/l	91
6) Chloroethane	1.935	64	2670	0.257	ug/l	96
7) Trichlorofluoromethane	2.138	101	5049	0.227	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	2566	0.220	ug/l	95
9) 1,1-Dichloroethene	2.578	96	2987	0.254	ug/l	95
10) Iodomethane	2.729	142	1190	0.080	ug/l	87
11) Allyl Chloride	2.922	41	5138	0.256	ug/l	93
12) Acrylonitrile	3.324	53	1830	0.581	ug/l	# 68
13) Acetone	2.629	43	5202	2.094	ug/l	91
14) Carbon Disulfide	2.793	76	9426	0.243	ug/l	99
15) Methylene Chloride	3.044	84	11754	0.797	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	2831	0.229	ug/l	98
17) 1,1-Dichloroethane	3.867	63	5881	0.230	ug/l	# 91
18) 2-Butanone	4.735	43	5764	1.361	ug/l	100
19) Cyclohexane	5.385	56	4627	0.189	ug/l	93
20) Methylcyclohexane	6.764	83	4807	0.200	ug/l	95
21) 2,2-Dichloropropane	4.665	77	4627	0.221	ug/l	# 74
22) cis-1,2-Dichloroethene	4.668	96	3966	0.260	ug/l	95
23) Diethyl Ether	2.379	59	2183	0.218	ug/l	# 84
24) tert-Butyl Alcohol	3.202	59	3507	3.064	ug/l	# 76
25) Methyl tert-Butyl Ether	3.372	73	7965	0.242	ug/l	97
26) Bromochloromethane	4.977	128	1672	0.260	ug/l	93
27) Chloroform	5.089	83	5948	0.236	ug/l	98
28) 1,1,1-Trichloroethane	5.314	97	4882	0.220	ug/l	97
29) 1,1-Dichloropropene	5.530	75	4721	0.238	ug/l	95
30) Carbon Tetrachloride	5.517	117	4057	0.217	ug/l	# 89
31) Isopropyl Ether	4.002	45	10586	0.241	ug/l	92
32) Ethyl-t-butyl ether	4.510	59	9460	0.228	ug/l	97
33) Tert-Amyl methyl ether	5.944	73	8383	0.232	ug/l	97
34) Propionitrile	4.797	54	1353	1.114	ug/l	# 68
35) Benzene	5.777	78	13536	0.240	ug/l	100
36) 1,2-Dichloroethane	5.800	62	3877	0.241	ug/l	# 89
37) Trichloroethene	6.542	130	3545	0.248	ug/l	93
38) 1,2-Dichloropropane	6.796	63	3574	0.239	ug/l	92
39) Methacrylonitrile	4.986	41	1058	0.203	ug/l	# 87
40) Methyl acrylate	4.871	55	1811	0.222	ug/l	# 68
41) Tetrahydrofuran	5.080	42	2259	0.735	ug/l	# 85
42) 1-Chlorobutane	5.459	56	6209	0.223	ug/l	93
43) Dibromomethane	6.915	93	1678	0.225	ug/l	97
44) Bromodichloromethane	7.105	83	4334	0.243	ug/l	96

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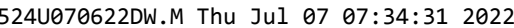
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

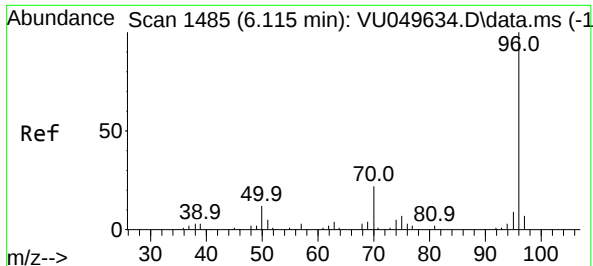
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:34:06 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	12439	1.230	ug/l	96
46) t-1,4-Dichloro-2-butene	10.828	75	3598	1.094	ug/l #	46
47) Methyl methacrylate	6.970	69	3392	0.452	ug/l	95
48) Ethyl methacrylate	8.340	69	3223	0.214	ug/l	96
49) Toluene	7.973	92	8219	0.238	ug/l	91
50) t-1,3-Dichloropropene	8.214	75	3835	0.222	ug/l	96
51) cis-1,3-Dichloropropene	7.610	75	4546	0.222	ug/l #	89
52) 1,1,2-Trichloroethane	8.407	97	2690	0.262	ug/l	98
53) 1,3-Dichloropropane	8.578	76	4348	0.236	ug/l	97
54) 2-Hexanone	8.690	43	9136	1.301	ug/l	93
55) Dibromochloromethane	8.812	129	2510	0.214	ug/l	90
56) 1,2-Dibromoethane	8.925	107	2478	0.249	ug/l	91
58) Tetrachloroethene	8.555	164	2673	0.225	ug/l #	92
59) Chlorobenzene	9.449	112	8079	0.224	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.533	131	2943	0.229	ug/l	98
61) Pentachloroethane	11.423	117	2120	0.215	ug/l	91
62) Hexachloroethane	12.478	117	1987	0.201	ug/l	93
63) Ethyl Benzene	9.571	91	14774	0.228	ug/l	98
64) m/p-Xylenes	9.697	106	10477	0.436	ug/l	97
65) o-Xylene	10.102	106	5236	0.222	ug/l	97
66) Styrene	10.115	104	8876	0.234	ug/l	96
67) Bromoform	10.298	173	1532	0.229	ug/l #	95
69) Isopropylbenzene	10.484	105	13483	0.214	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	3203	0.240	ug/l #	93
71) 1,2,3-Trichloropropane	10.828	75	3598	0.325	ug/l	68
72) Bromobenzene	10.783	156	3322	0.234	ug/l	86
73) n-propylbenzene	10.906	120	3610	0.227	ug/l	96
74) 2-Chlorotoluene	10.986	126	3251	0.229	ug/l	88
75) 1,3,5-Trimethylbenzene	11.089	105	11157	0.212	ug/l	95
76) 4-Chlorotoluene	11.095	126	3267	0.230	ug/l	88
77) tert-Butylbenzene	11.420	119	11530	0.222	ug/l #	94
78) 1,2,4-Trimethylbenzene	11.468	105	11244	0.212	ug/l	99
79) sec-Butylbenzene	11.642	105	15014	0.221	ug/l	97
80) Nitrobenzene	13.221	77	623	1.140	ug/l #	68
81) p-Isopropyltoluene	11.796	119	11243	0.204	ug/l	95
82) 1,3-Dichlorobenzene	11.748	146	7073	0.257	ug/l	96
83) 1,4-Dichlorobenzene	11.835	146	7072	0.255	ug/l	98
84) n-Butylbenzene	12.211	91	11462	0.223	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	7024	0.264	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	560	0.240	ug/l	93
87) 1,2,4-Trichlorobenzene	13.844	180	5198	0.289	ug/l	92
88) Hexachlorobutadiene	14.021	225	2278	0.249	ug/l	97
89) Naphthalene	14.092	128	12971	0.344	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	5122	0.299	ug/l	95

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

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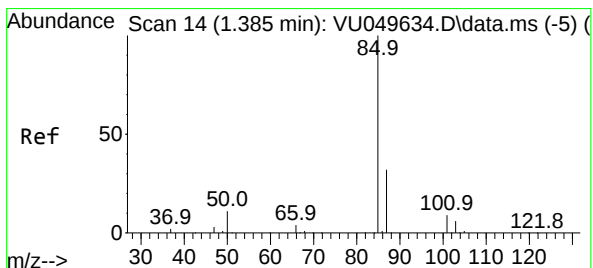
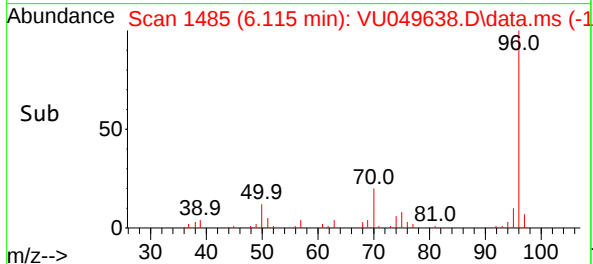
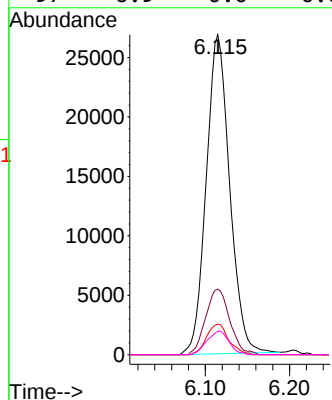
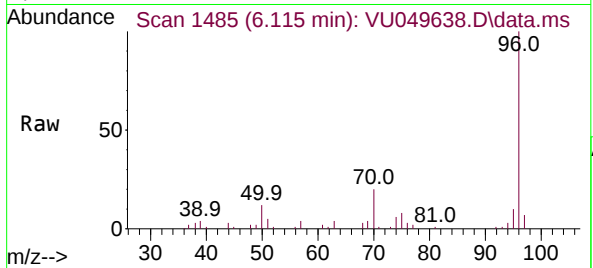




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049638.D
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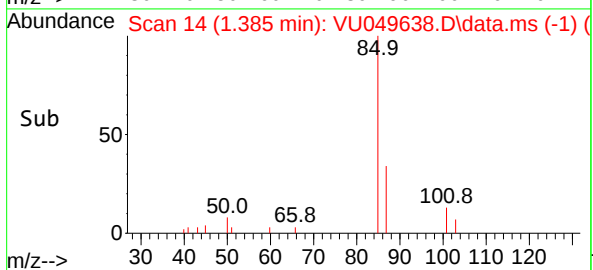
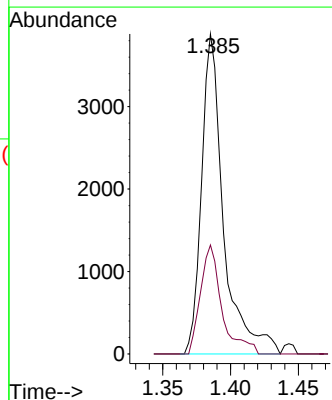
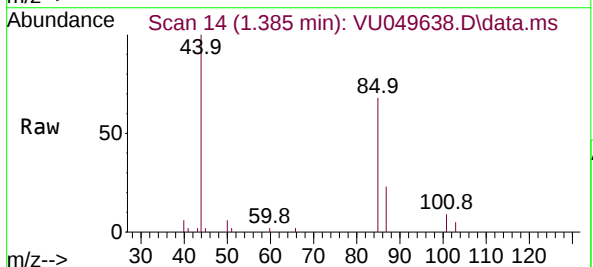
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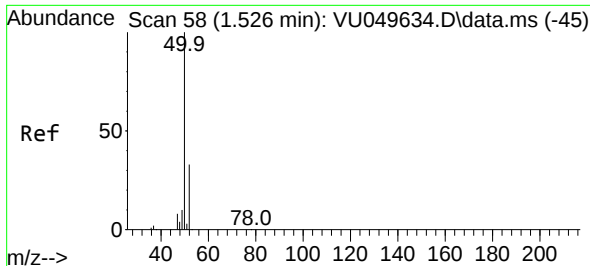
Tgt Ion: 96	Resp: 51936
Ion Ratio	Lower Upper
96 100	
70 21.1	16.7 25.1
95 9.1	7.4 11.0
97 6.9	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.220 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 85	Resp: 4380
Ion Ratio	Lower Upper
85 100	
87 34.0	16.3 48.8

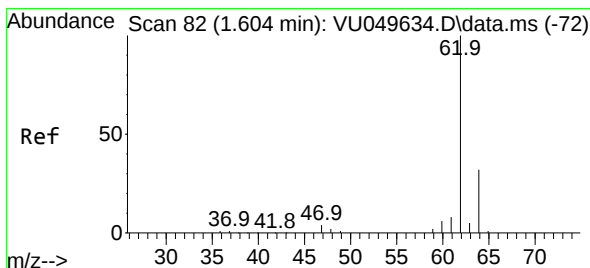
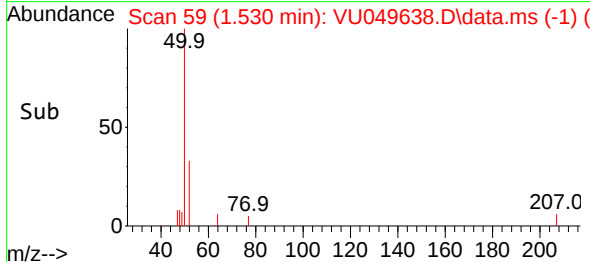
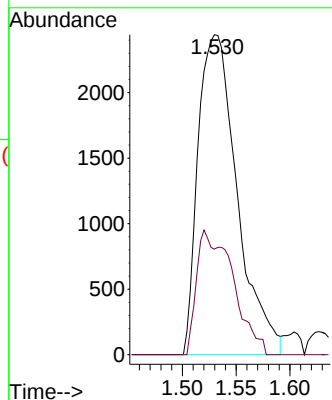
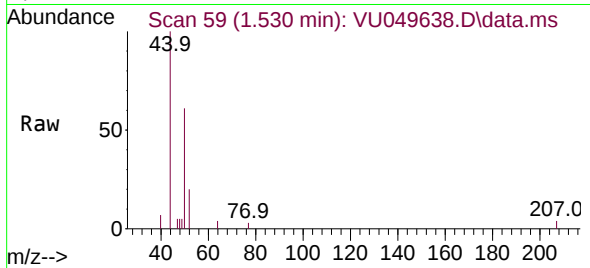




#3
Chloromethane
Concen: 0.303 ug/l
RT: 1.530 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

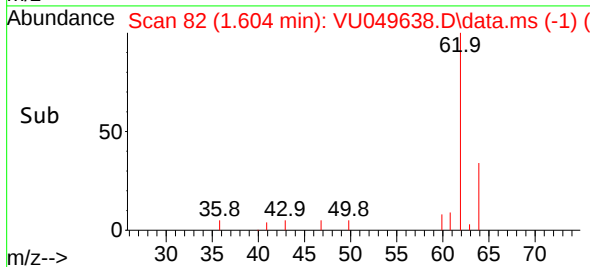
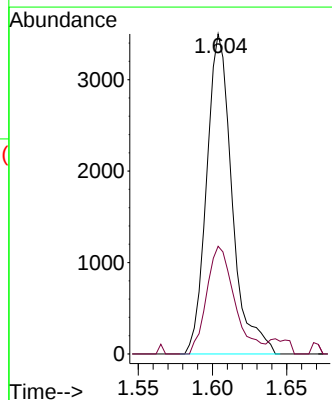
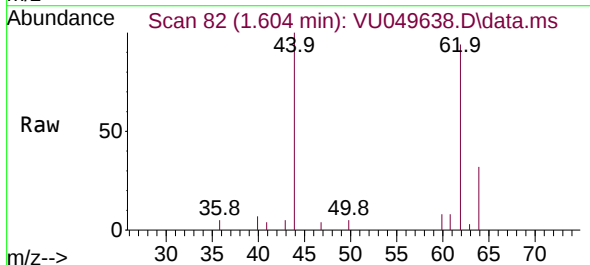
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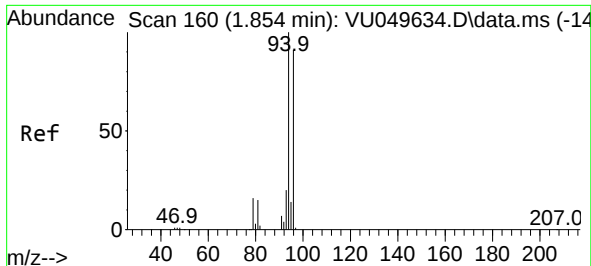
Tgt Ion: 50 Resp: 6170
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1



#4
Vinyl Chloride
Concen: 0.225 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 62 Resp: 4166
Ion Ratio Lower Upper
62 100
64 33.7 25.5 38.3

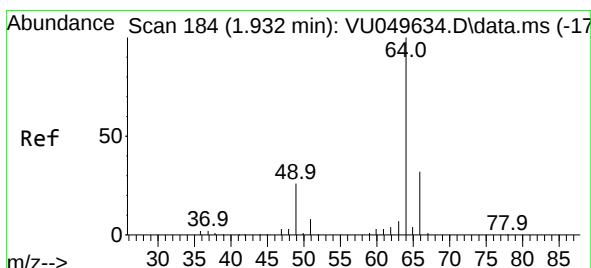
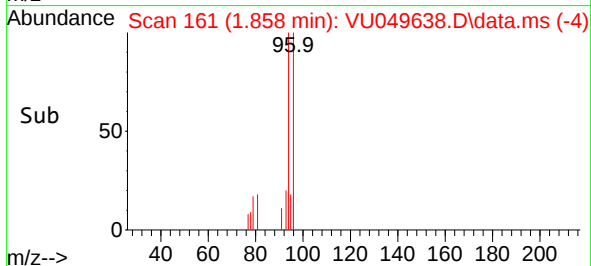
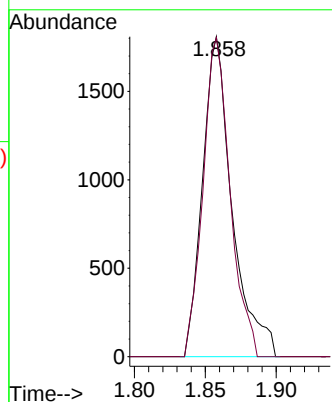
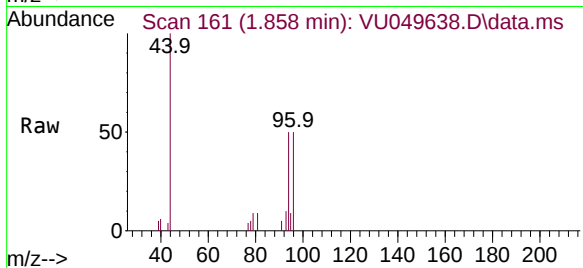




#5
Bromomethane
Concen: 0.271 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

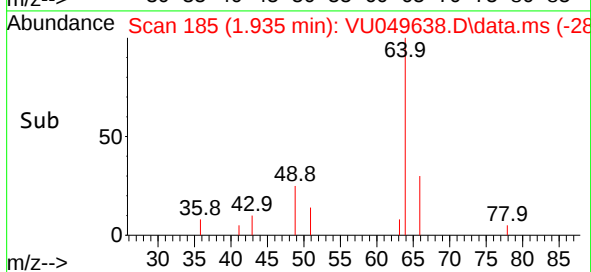
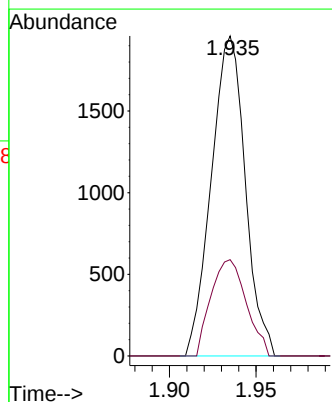
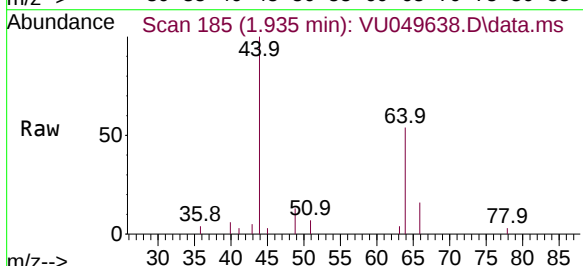
Instrument :
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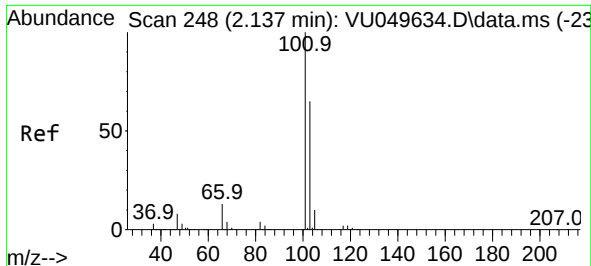
Tgt Ion: 94 Resp: 2623
Ion Ratio Lower Upper
94 100
96 99.7 73.0 109.6



#6
Chloroethane
Concen: 0.257 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

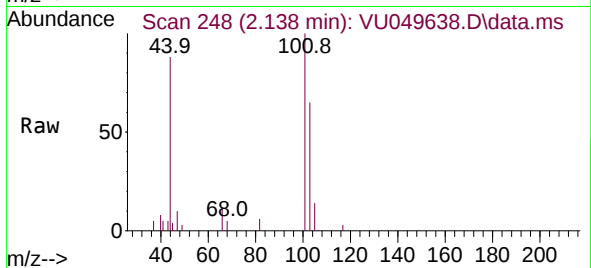
Tgt Ion: 64 Resp: 2670
Ion Ratio Lower Upper
64 100
66 30.1 25.8 38.6



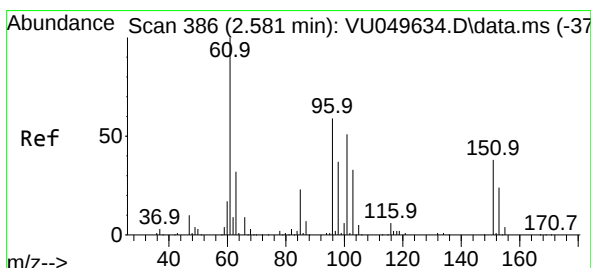
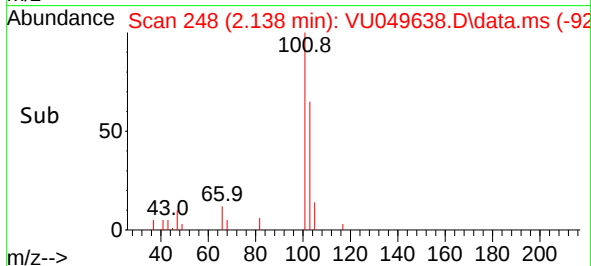
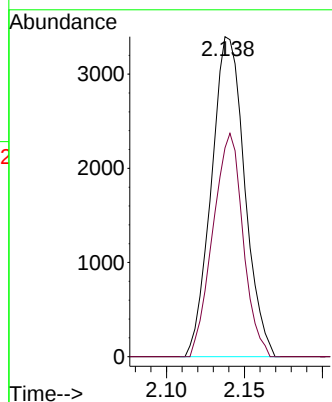


#7
Trichlorofluoromethane
Concen: 0.227 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU049638.D
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ClientSampleId :
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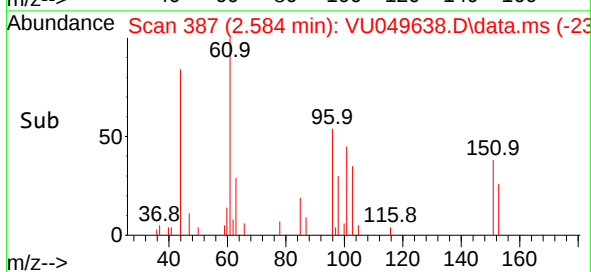
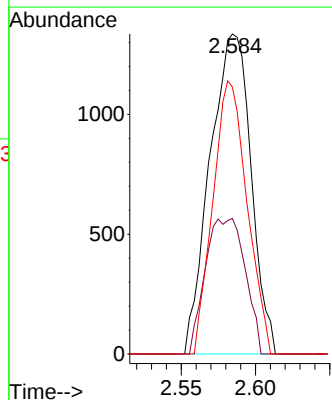
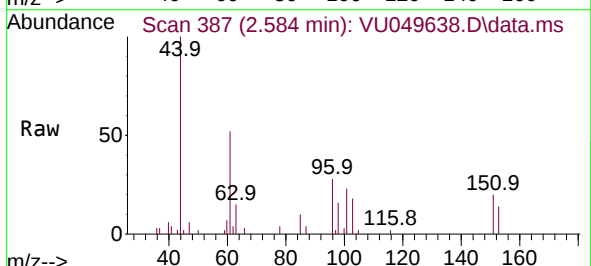


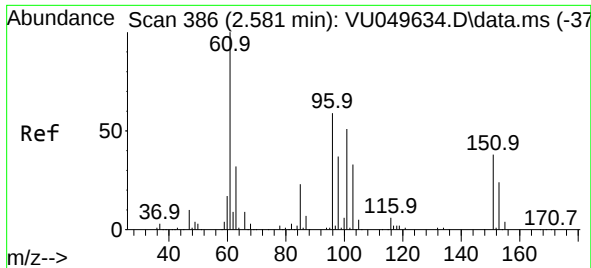
Tgt Ion:101 Resp: 5049
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.220 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion:101 Resp: 2566
Ion Ratio Lower Upper
101 100
85 41.0 36.4 54.6
151 70.9 59.1 88.7

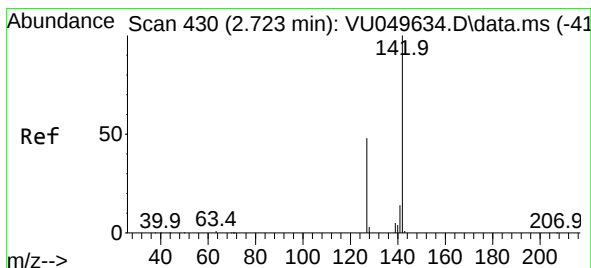
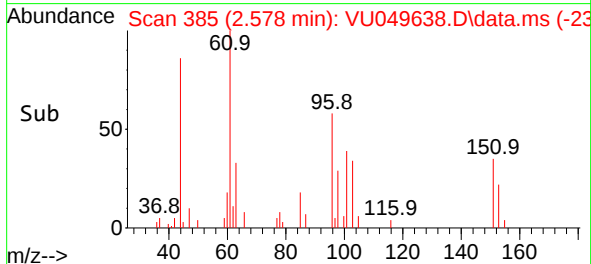
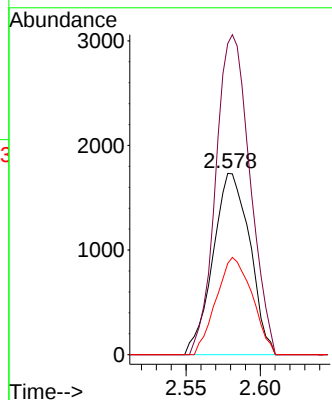
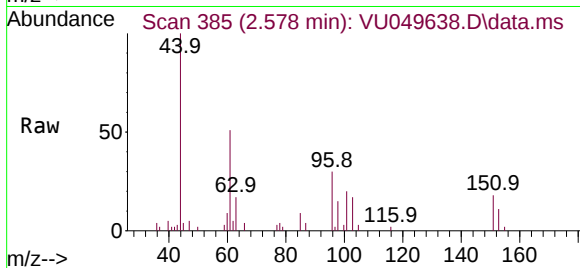




#9
1,1-Dichloroethene
Concen: 0.254 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

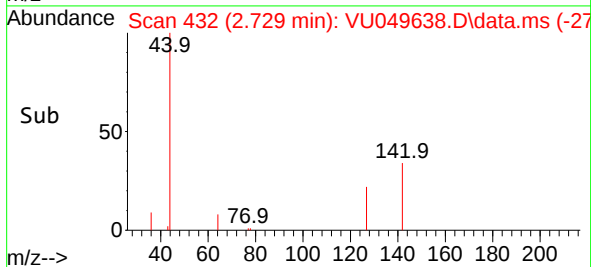
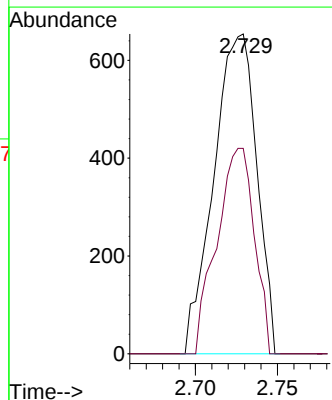
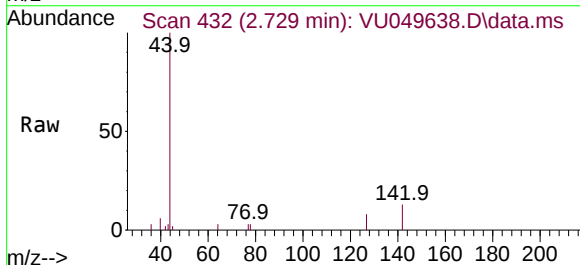
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ClientSampleId :
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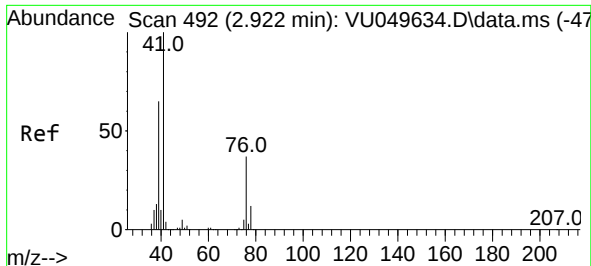
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Ion Ratio Lower Upper
96 100
61 171.6 0.0 510.6
98 50.3 0.0 124.6



#10
Iodomethane
Concen: 0.080 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.007 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 142 Resp: 1190
Ion Ratio Lower Upper
142 100
127 56.1 38.2 57.2

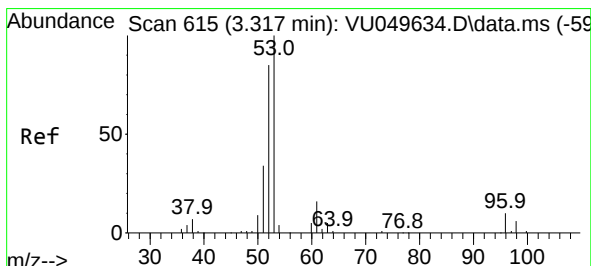
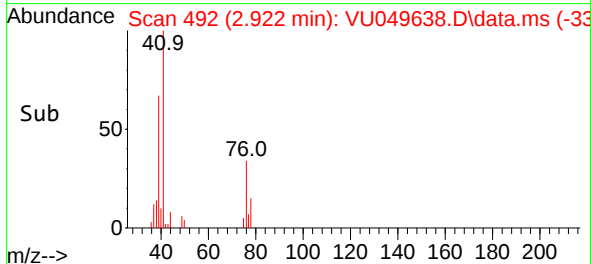
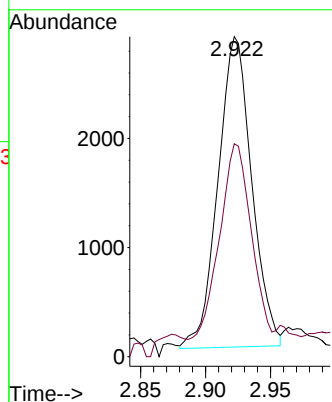
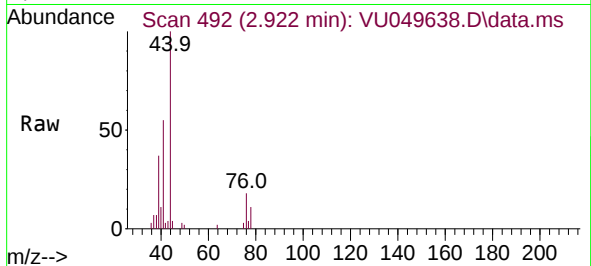




#11
 Allyl Chloride
 Concen: 0.256 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU049638.D
 Acq: 06 Jul 2022 16:44

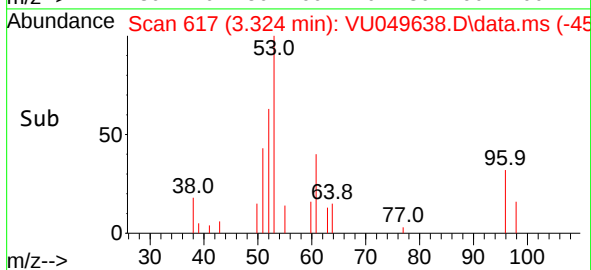
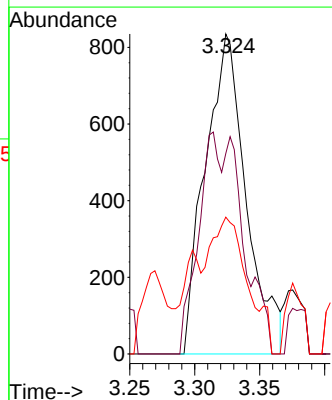
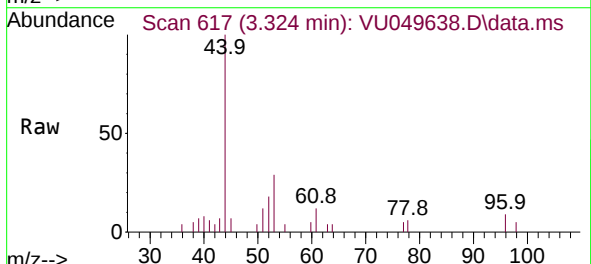
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

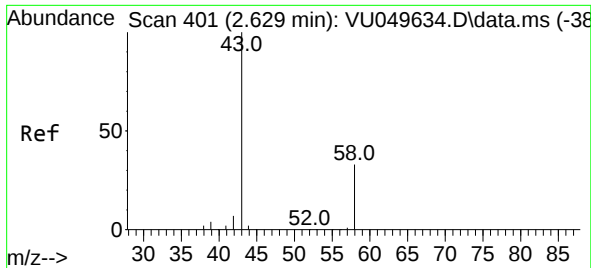
Tgt Ion: 41 Resp: 5138
 Ion Ratio Lower Upper
 41 100
 39 61.2 53.2 79.8



#12
 Acrylonitrile
 Concen: 0.581 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.007 min
 Lab File: VU049638.D
 Acq: 06 Jul 2022 16:44

Tgt Ion: 53 Resp: 1830
 Ion Ratio Lower Upper
 53 100
 52 39.2 64.6 97.0#
 51 37.9 30.7 46.1





#13

Acetone

Concen: 2.094 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.000 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

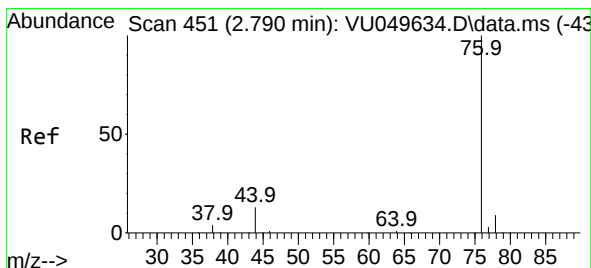
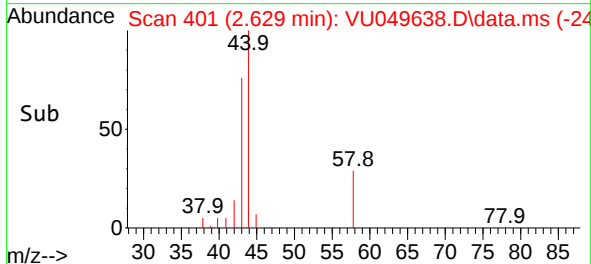
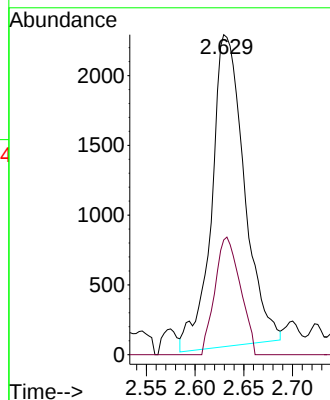
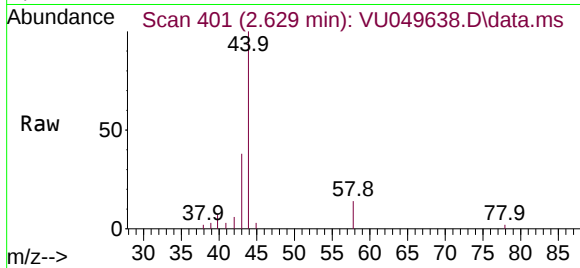
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 43 Resp: 5202

Ion Ratio Lower Upper

43 100

58 37.7 26.2 39.2



#14

Carbon Disulfide

Concen: 0.243 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049638.D

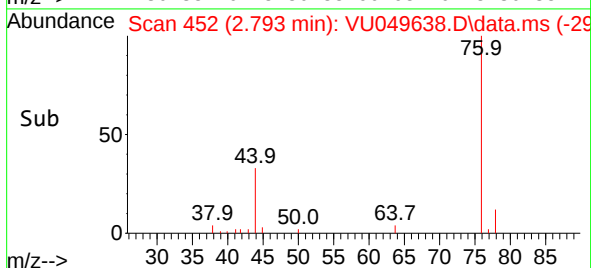
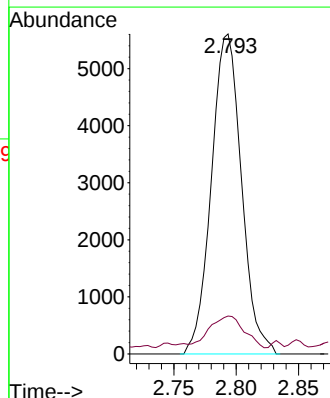
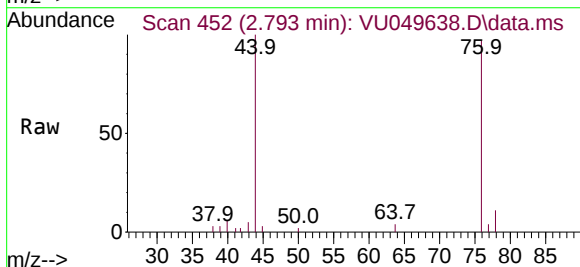
Acq: 06 Jul 2022 16:44

Tgt Ion: 76 Resp: 9426

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

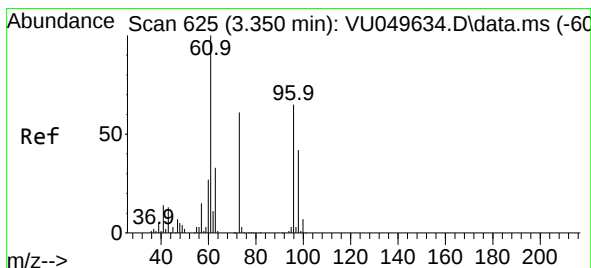
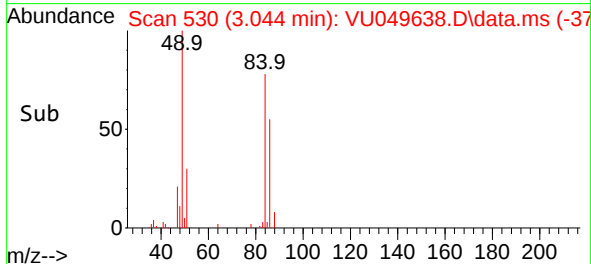
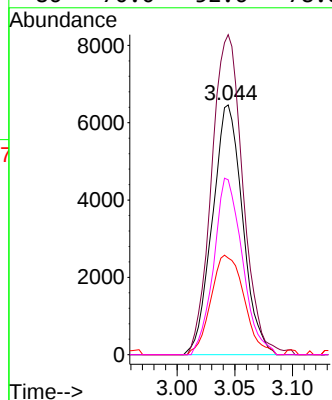
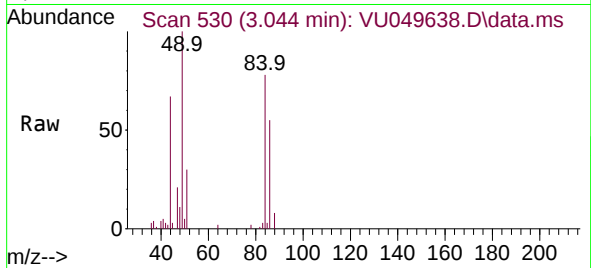




#15
Methylene Chloride
Concen: 0.797 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

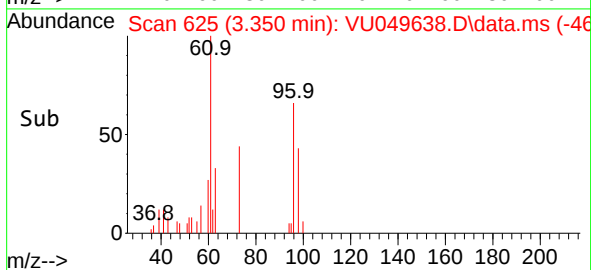
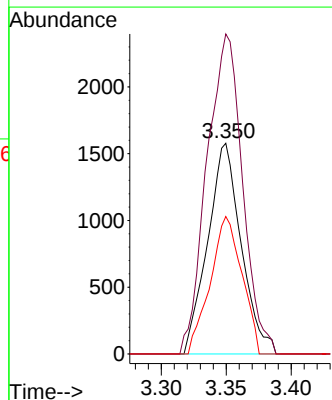
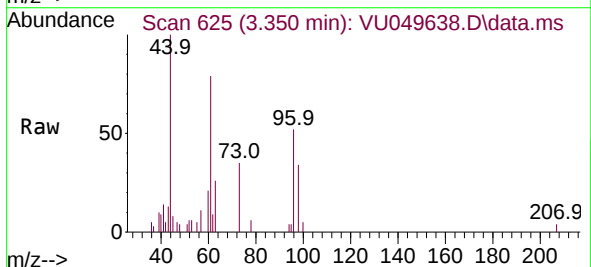
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:	84	Resp:	11754
Ion	Ratio	Lower	Upper
84	100		
49	128.1	104.6	157.0
51	38.7	0.0	81.4
86	70.0	52.6	78.8



#16
trans-1,2-Dichloroethene
Concen: 0.229 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion:	96	Resp:	2831
Ion	Ratio	Lower	Upper
96	100		
61	151.9	123.4	185.0
98	65.2	51.6	77.4

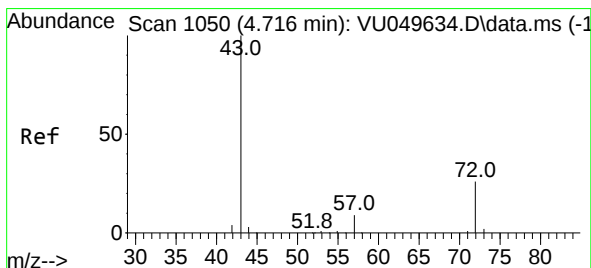
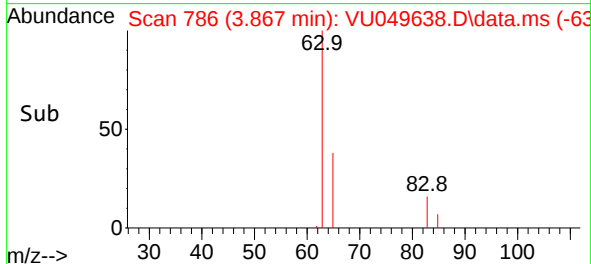
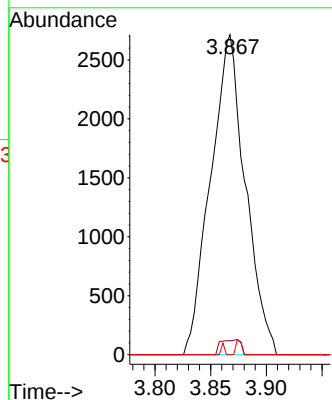
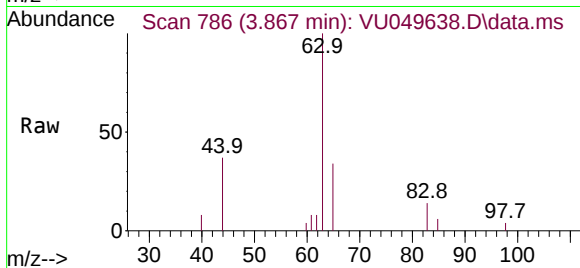




#17
1,1-Dichloroethane
Concen: 0.230 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

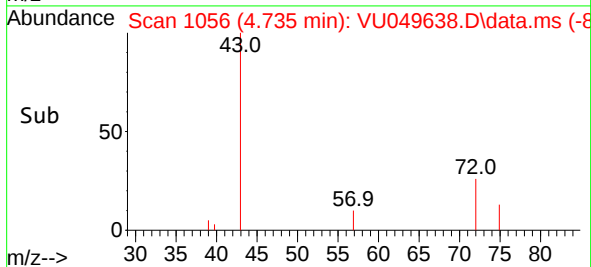
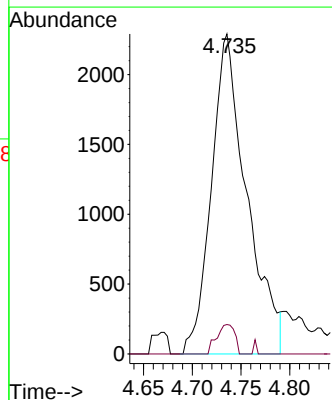
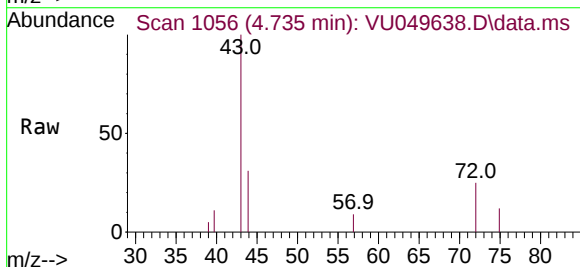
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

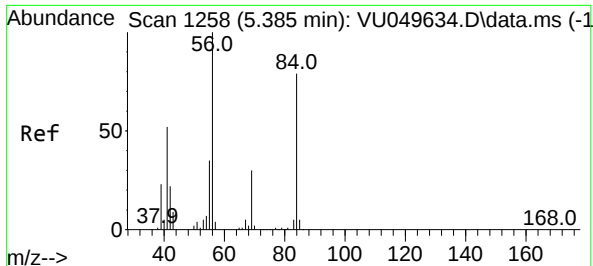
Tgt Ion: 63 Resp: 5881
Ion Ratio Lower Upper
63 100
98 4.4 3.4 10.2
100 0.0 2.0 6.0#



#18
2-Butanone
Concen: 1.361 ug/l
RT: 4.735 min Scan# 1056
Delta R.T. 0.019 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 43 Resp: 5764
Ion Ratio Lower Upper
43 100
57 9.2 0.0 18.0





#19

Cyclohexane

Concen: 0.189 ug/l

RT: 5.385 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049638.D

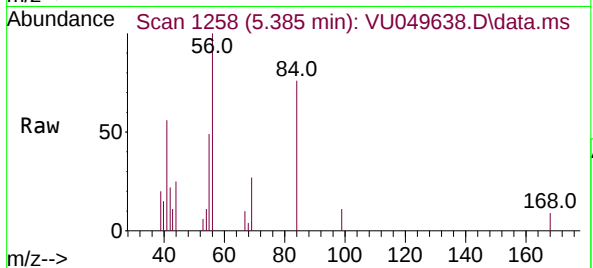
Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



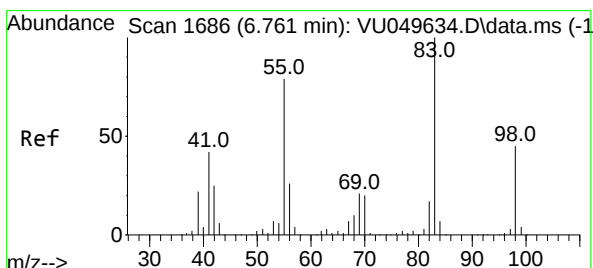
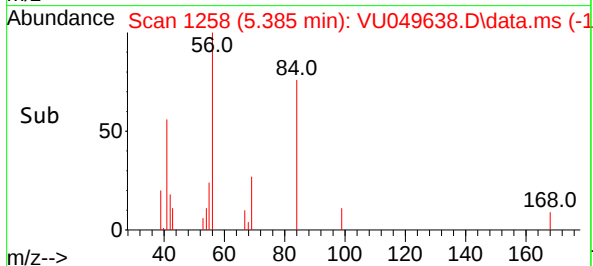
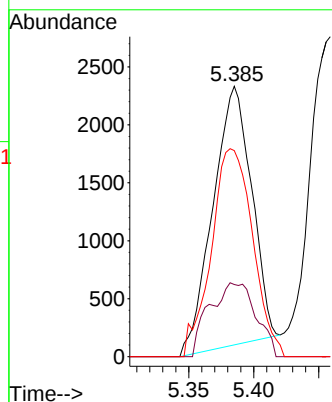
Tgt Ion: 56 Resp: 4627

Ion Ratio Lower Upper

56 100

69 34.2 24.2 36.4

84 85.9 63.4 95.2



#20

Methylcyclohexane

Concen: 0.200 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

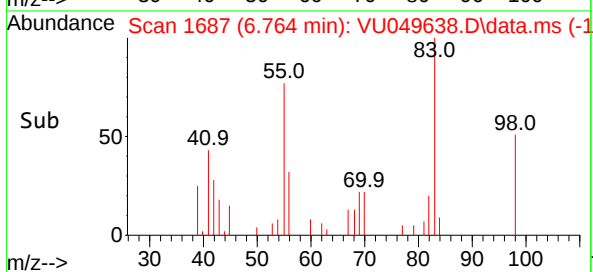
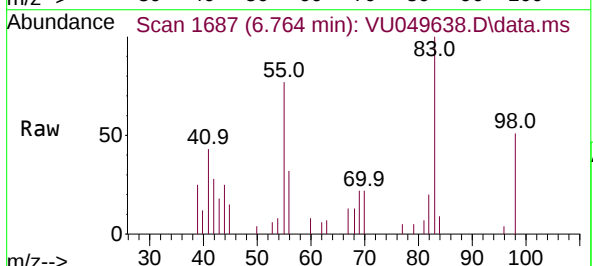
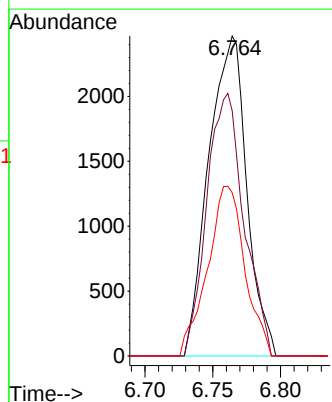
Tgt Ion: 83 Resp: 4807

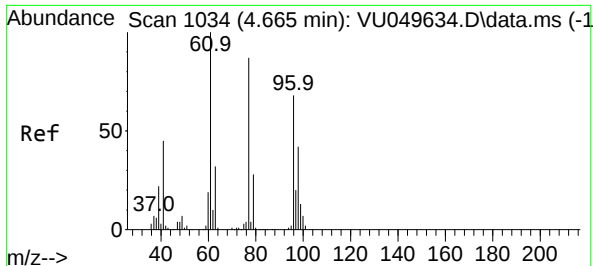
Ion Ratio Lower Upper

83 100

55 80.5 63.0 94.4

98 52.0 35.7 53.5





#21

2,2-Dichloropropane

Concen: 0.221 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

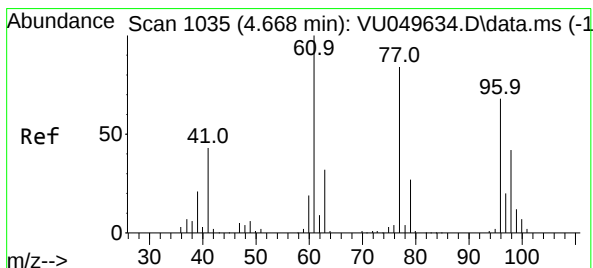
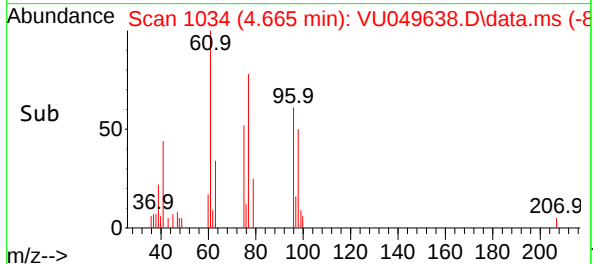
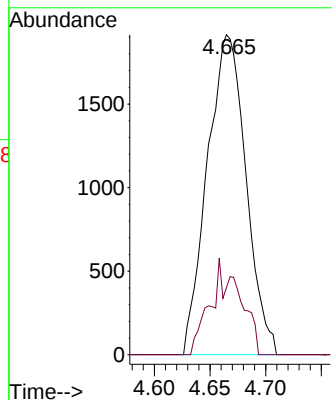
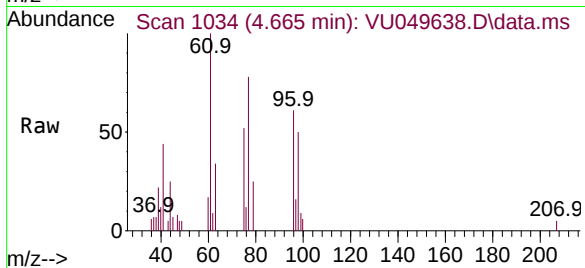
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 77 Resp: 4627

Ion Ratio Lower Upper

77 100

97 10.5 18.5 27.7#



#22

cis-1,2-Dichloroethene

Concen: 0.260 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

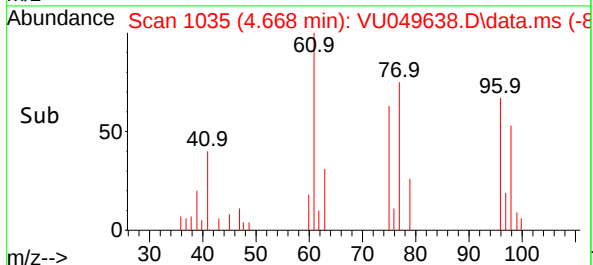
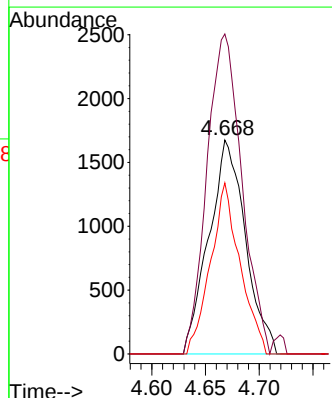
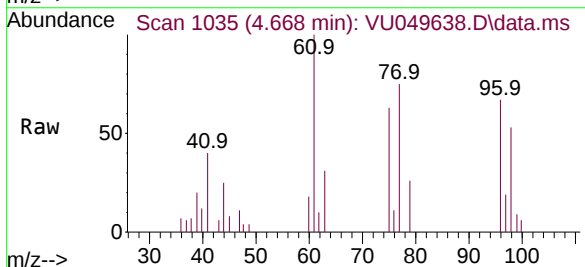
Tgt Ion: 96 Resp: 3966

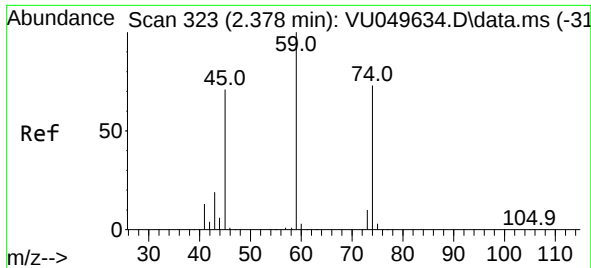
Ion Ratio Lower Upper

96 100

61 142.7 0.0 375.8

98 64.5 31.6 95.0

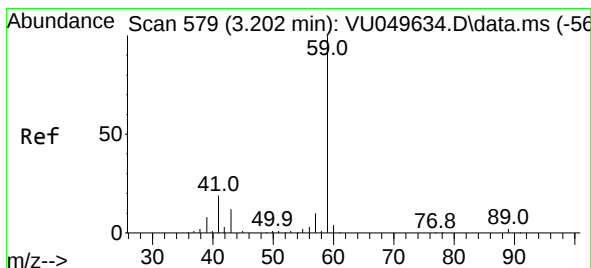
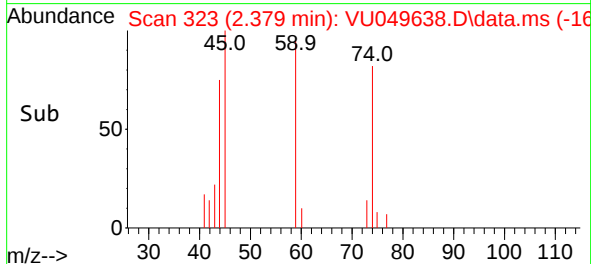
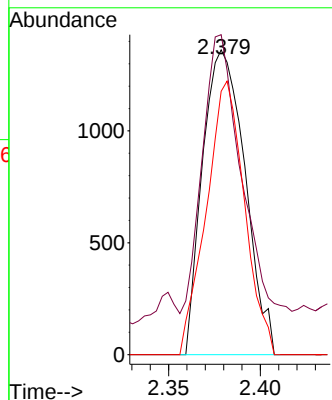
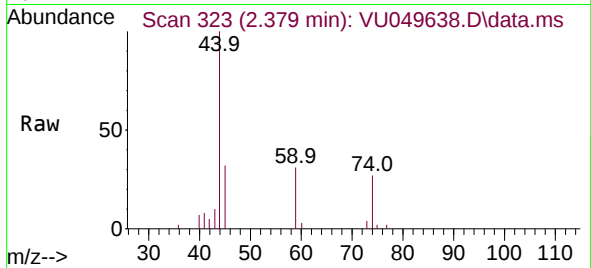




#23
Diethyl Ether
Concen: 0.218 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

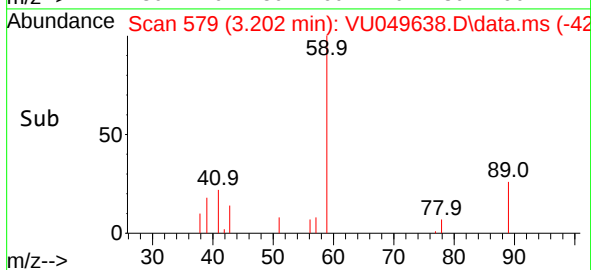
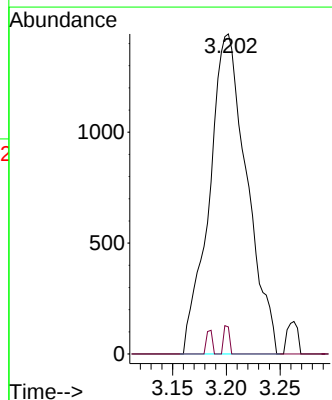
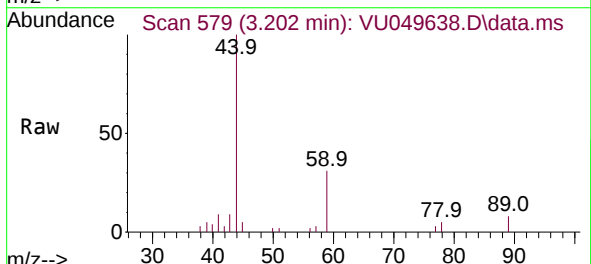
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

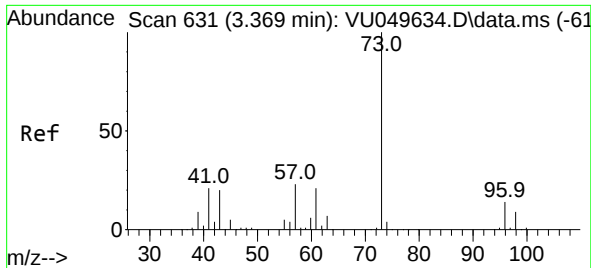
Tgt Ion: 59 Resp: 2183
Ion Ratio Lower Upper
59 100
45 87.3 56.0 84.0#
74 80.9 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 3.064 ug/l
RT: 3.202 min Scan# 579
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 59 Resp: 3507
Ion Ratio Lower Upper
59 100
57 1.4 8.2 12.2#

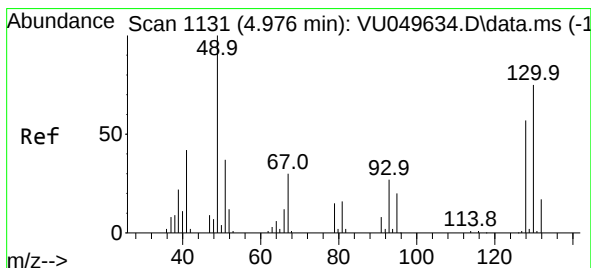
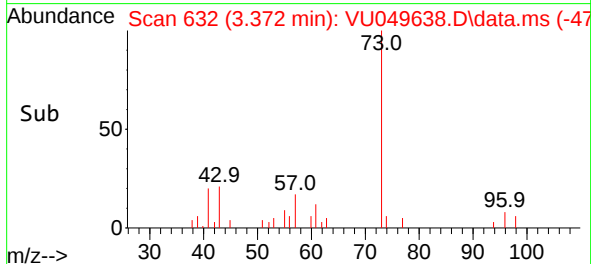
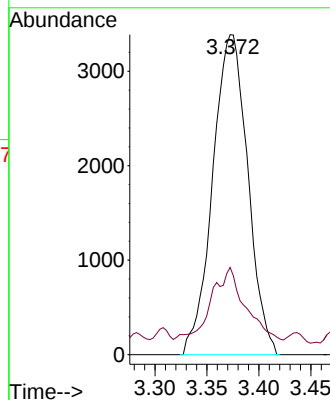
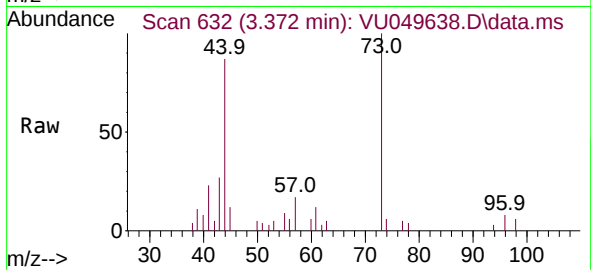




#25
Methyl tert-Butyl Ether
Concen: 0.242 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

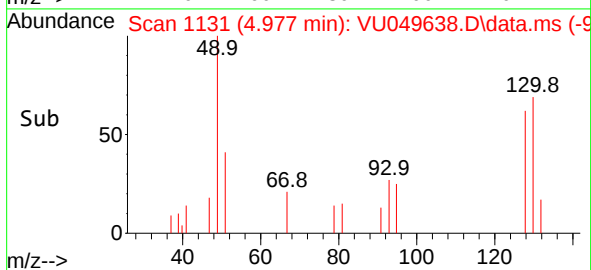
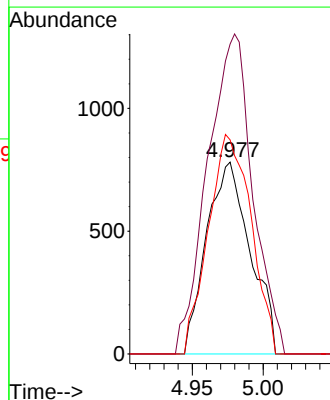
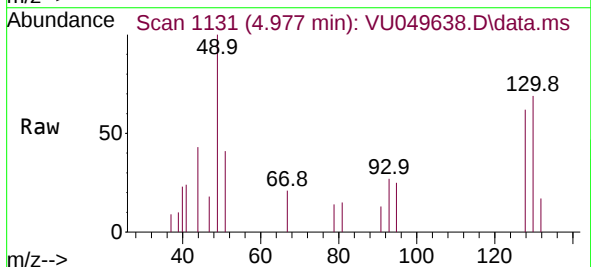
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

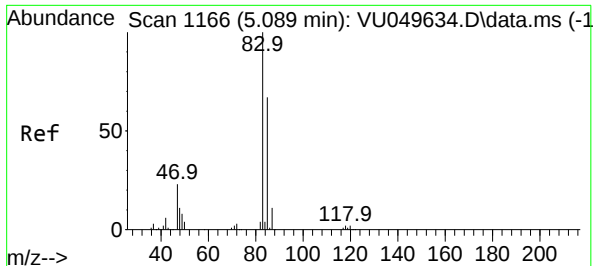
Tgt Ion: 73 Resp: 7965
Ion Ratio Lower Upper
73 100
43 21.4 15.9 23.9



#26
Bromochloromethane
Concen: 0.260 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 128 Resp: 1672
Ion Ratio Lower Upper
128 100
49 172.6 0.0 349.2
130 112.2 103.0 154.6





#27

Chloroform

Concen: 0.236 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

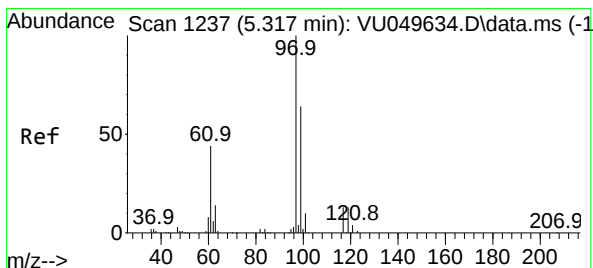
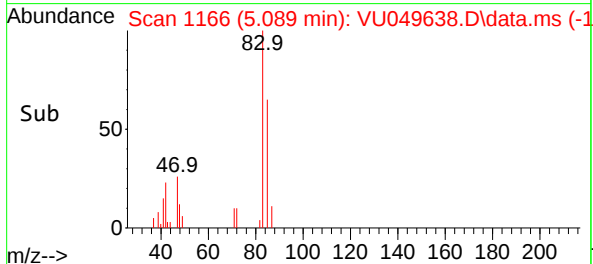
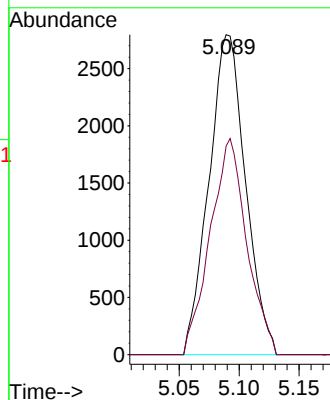
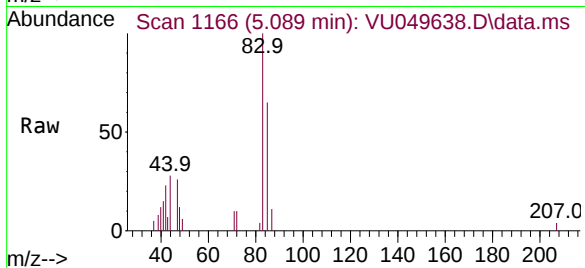
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 83 Resp: 5948

Ion Ratio Lower Upper

83 100

85 65.2 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.220 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

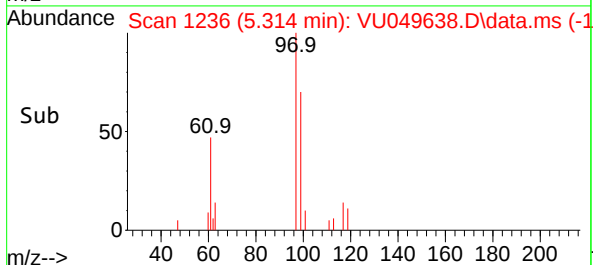
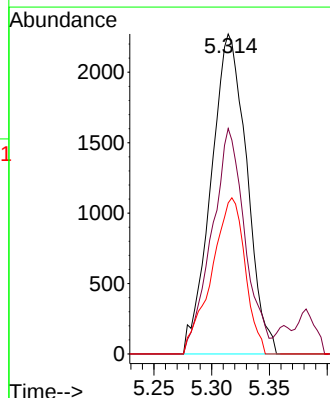
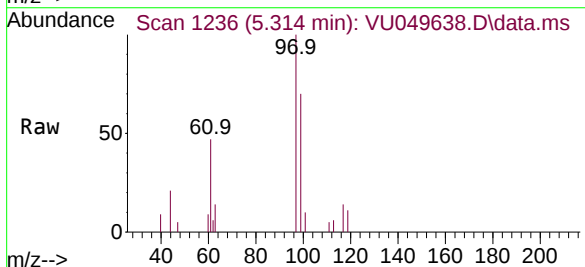
Tgt Ion: 97 Resp: 4882

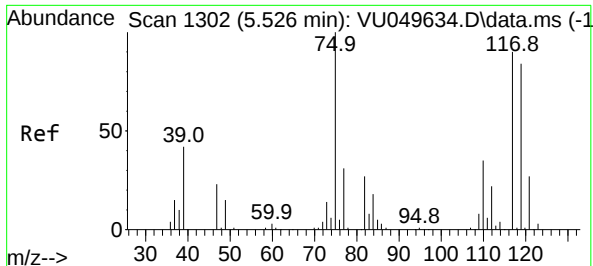
Ion Ratio Lower Upper

97 100

99 66.1 32.1 96.5

61 45.7 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.238 ug/l

RT: 5.530 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

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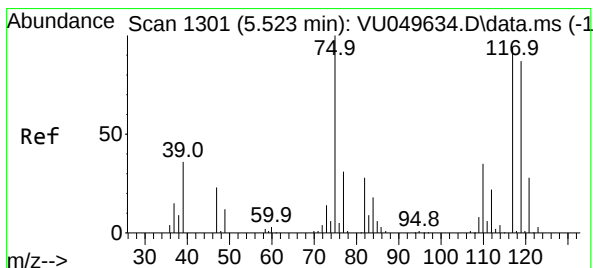
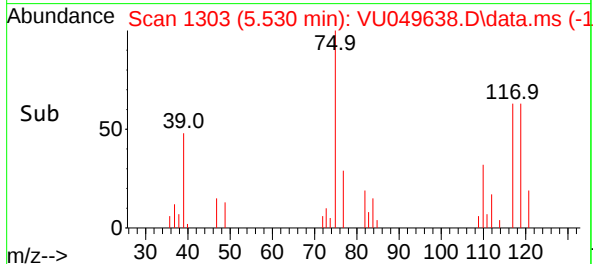
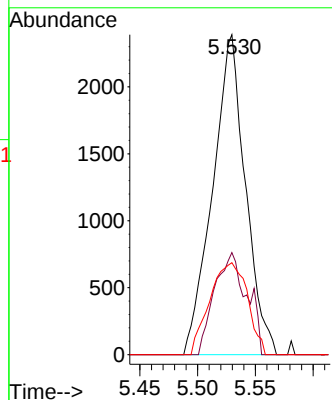
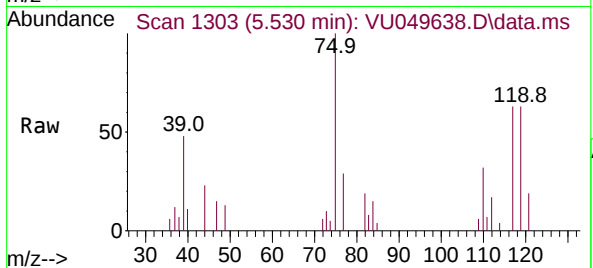
Tgt Ion: 75 Resp: 4721

Ion Ratio Lower Upper

75 100

110 31.4 17.3 52.0

77 32.9 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.217 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

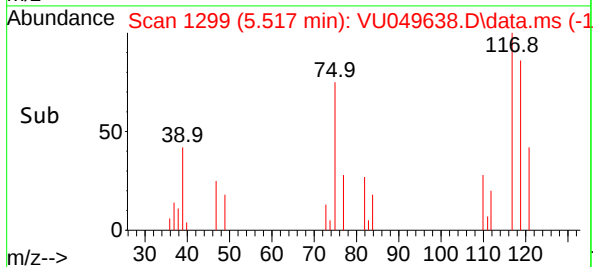
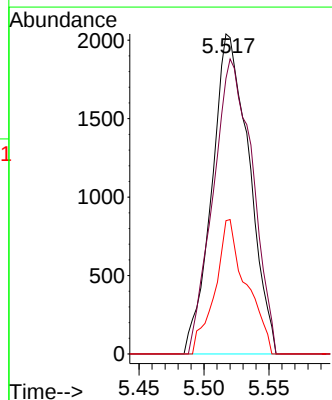
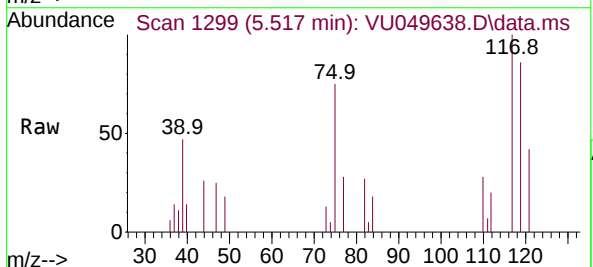
Tgt Ion: 117 Resp: 4057

Ion Ratio Lower Upper

117 100

119 86.1 74.6 112.0

121 41.7 24.2 36.4#

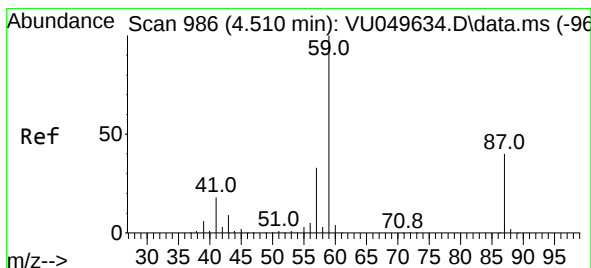
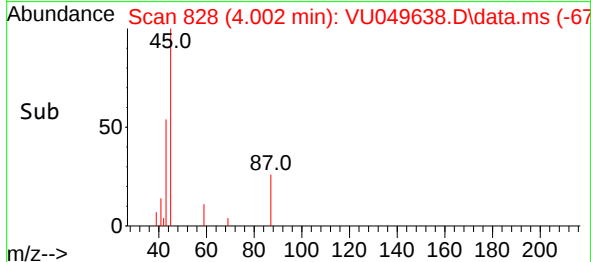
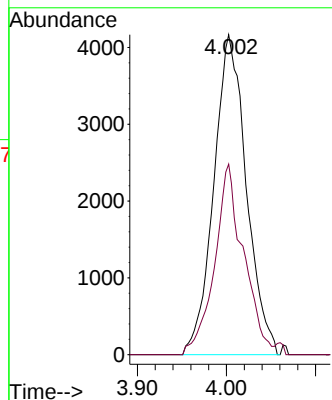
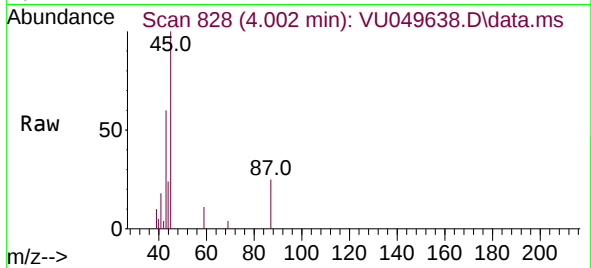




#31
Isopropyl Ether
Concen: 0.241 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

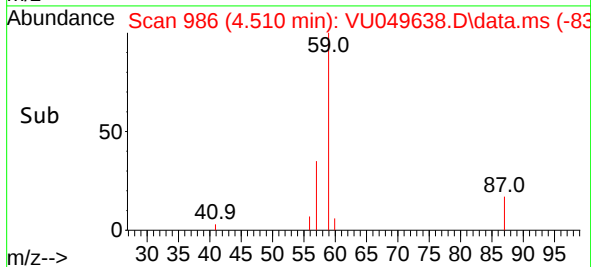
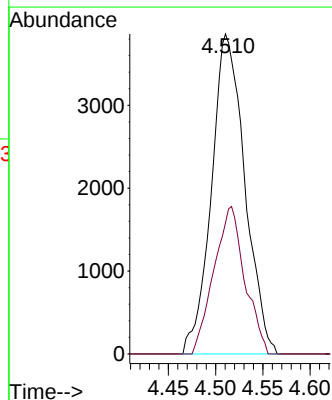
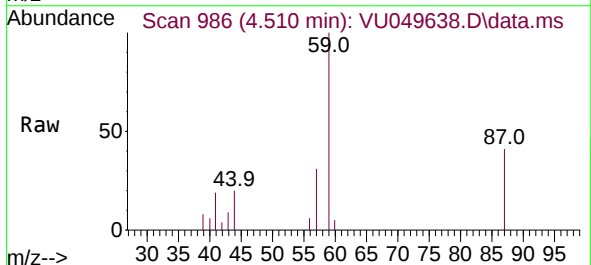
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 45 Resp: 10586
Ion Ratio Lower Upper
45 100
43 52.8 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.228 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 59 Resp: 9460
Ion Ratio Lower Upper
59 100
87 42.7 32.5 48.7





#33

Tert-Amyl methyl ether

Concen: 0.232 ug/l

RT: 5.944 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VU049638.D

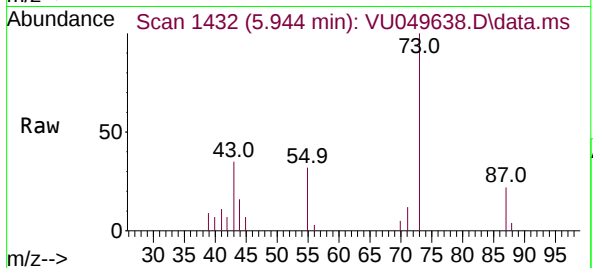
Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



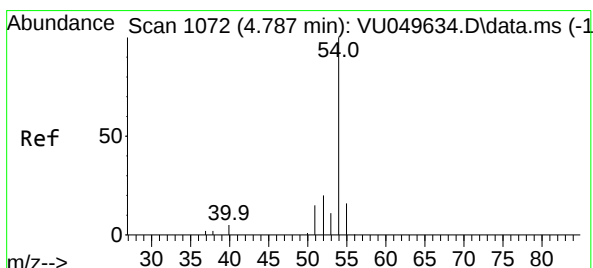
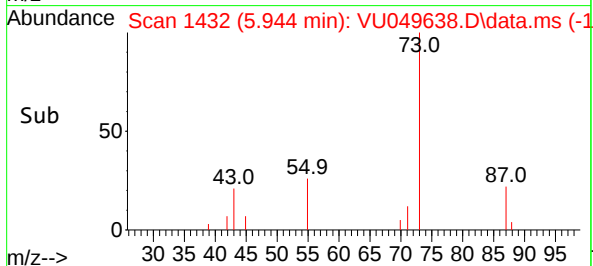
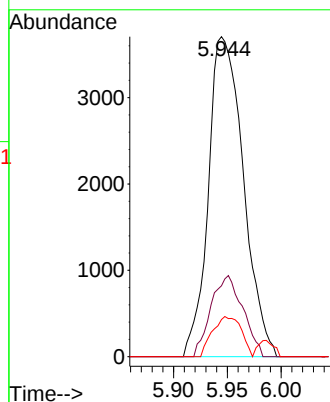
Tgt Ion: 73 Resp: 8383

Ion Ratio Lower Upper

73 100

87 23.1 19.7 29.5

71 10.3 9.0 13.4



#34

Propionitrile

Concen: 1.114 ug/l

RT: 4.797 min Scan# 1075

Delta R.T. 0.010 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Tgt Ion: 54 Resp: 1353

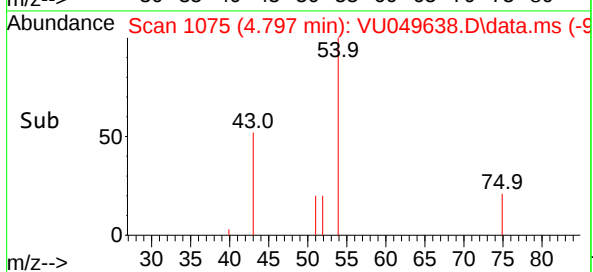
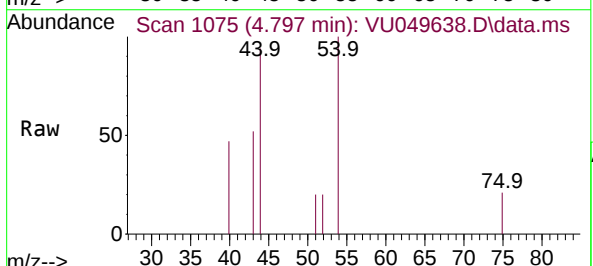
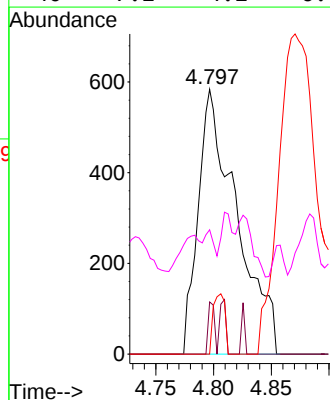
Ion Ratio Lower Upper

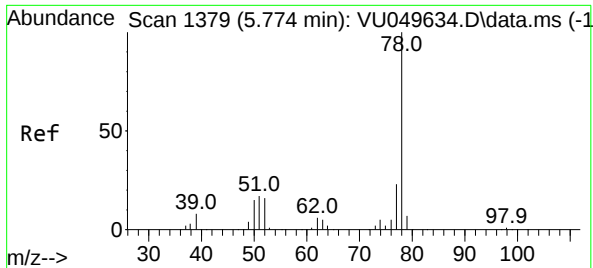
54 100

52 3.2 15.0 22.6#

55 0.0 12.6 19.0#

40 7.2 4.2 6.4#





#35

Benzene

Concen: 0.240 ug/l

RT: 5.777 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

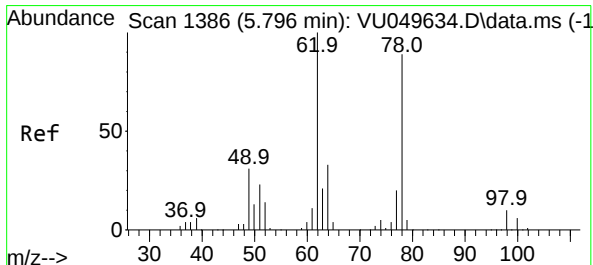
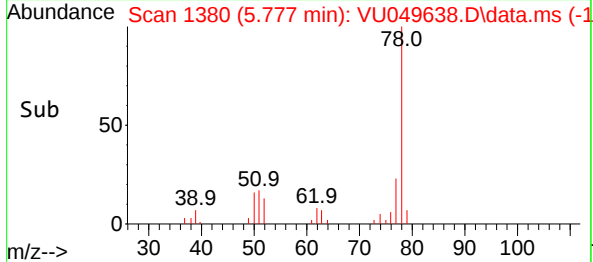
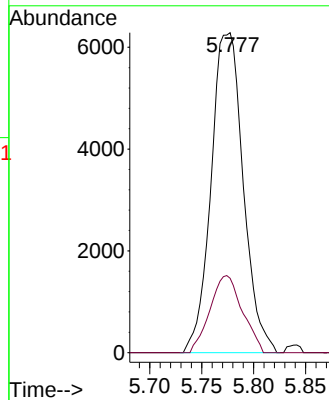
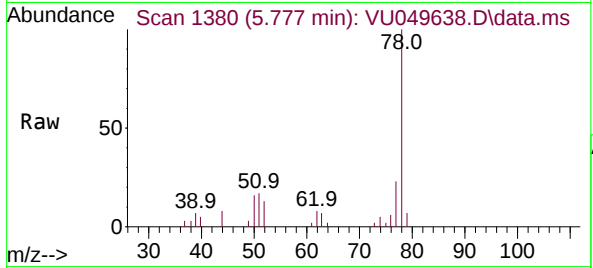
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 78 Resp: 13536

Ion Ratio Lower Upper

78 100

77 23.2 18.6 28.0



#36

1,2-Dichloroethane

Concen: 0.241 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU049638.D

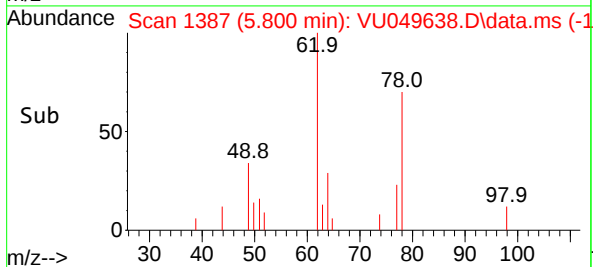
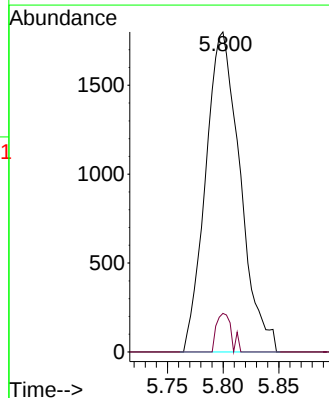
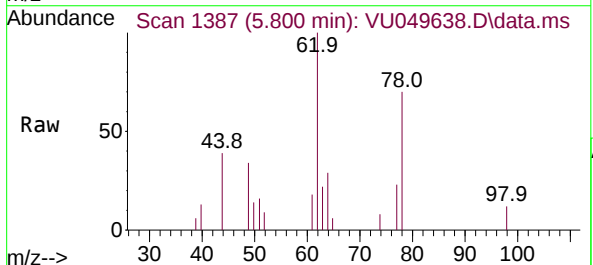
Acq: 06 Jul 2022 16:44

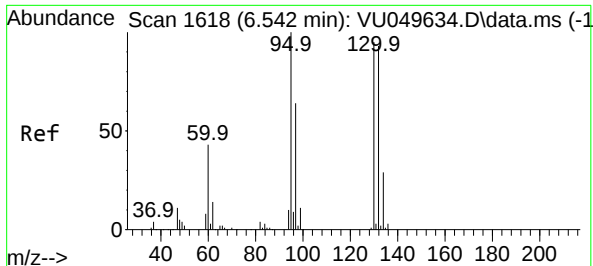
Tgt Ion: 62 Resp: 3877

Ion Ratio Lower Upper

62 100

98 5.2 7.4 11.0#





#37

Trichloroethene

Concen: 0.248 ug/l

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

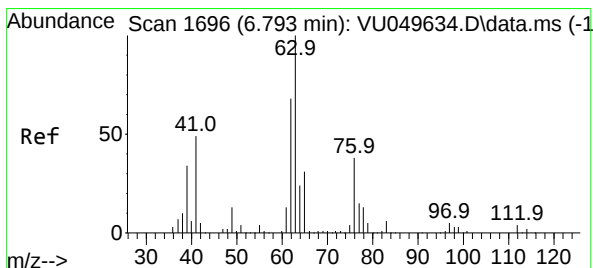
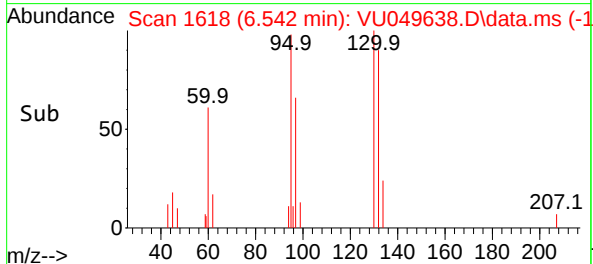
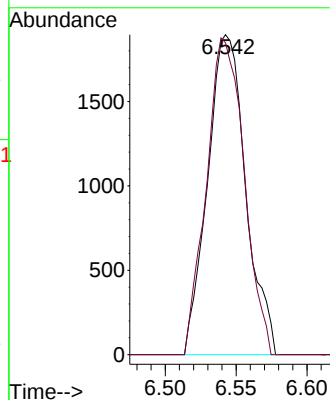
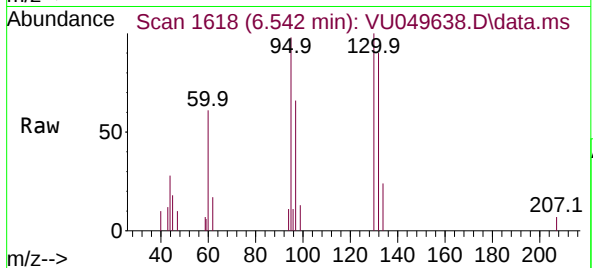
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:130 Resp: 3545

Ion Ratio Lower Upper

130 100

95 97.5 83.8 125.8



#38

1,2-Dichloropropane

Concen: 0.239 ug/l

RT: 6.796 min Scan# 1697

Delta R.T. 0.003 min

Lab File: VU049638.D

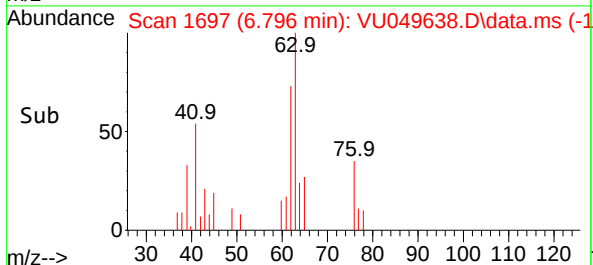
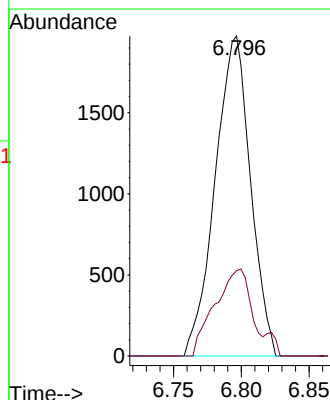
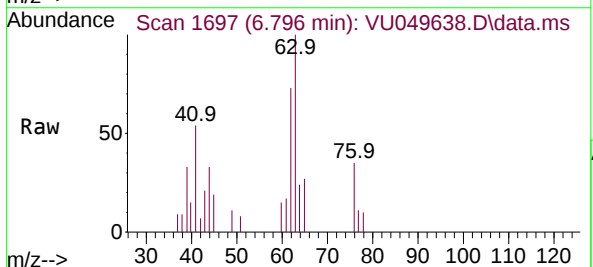
Acq: 06 Jul 2022 16:44

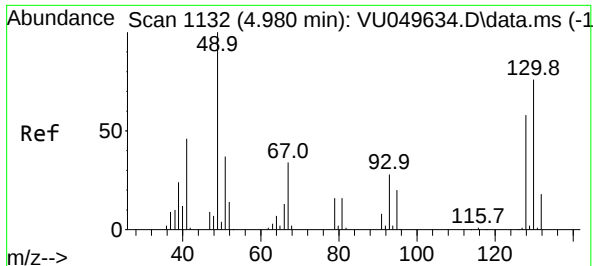
Tgt Ion: 63 Resp: 3574

Ion Ratio Lower Upper

63 100

65 26.6 25.0 37.4





#39

Methacrylonitrile

Concen: 0.203 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU049638.D

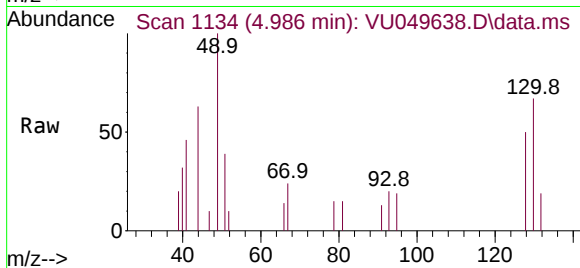
Acq: 06 Jul 2022 16:44

Instrument :

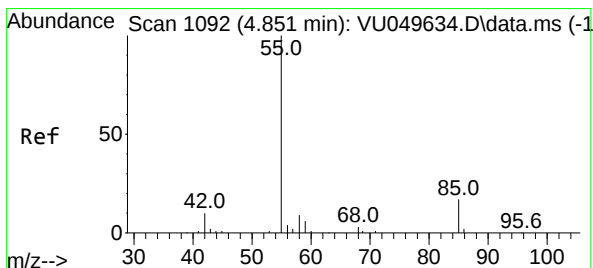
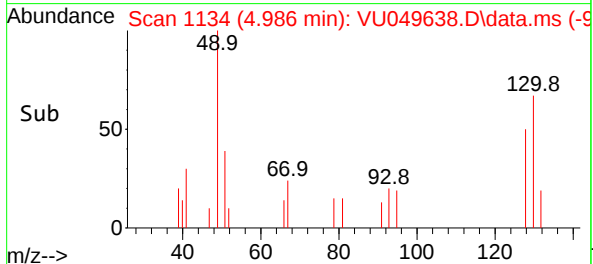
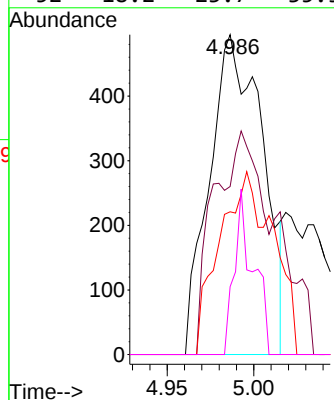
MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion:	41	Resp:	1058
Ion	Ratio	Lower	Upper
41	100		
67	61.8	59.4	89.0
39	57.6	42.2	63.2
52	18.2	23.7	35.5



#40

Methyl acrylate

Concen: 0.222 ug/l

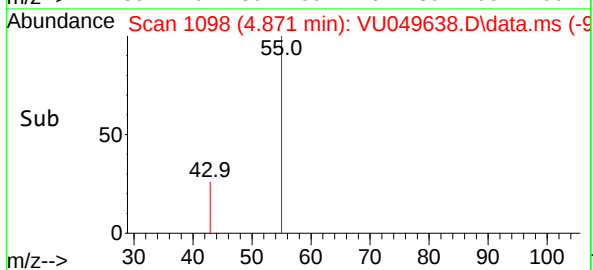
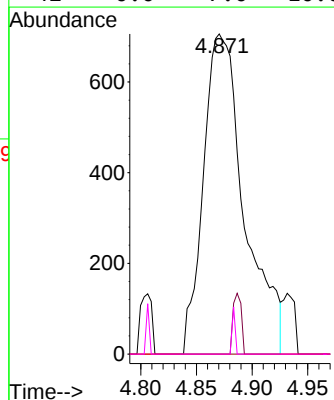
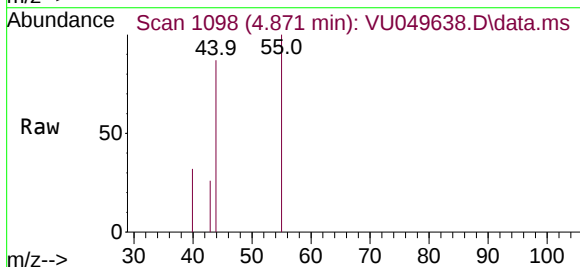
RT: 4.871 min Scan# 1098

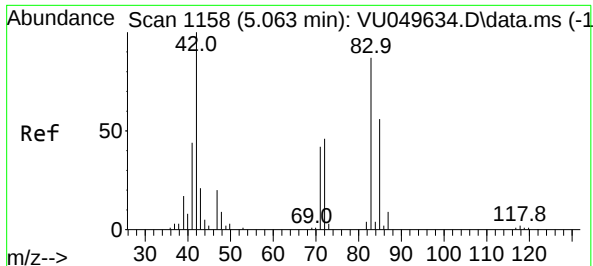
Delta R.T. 0.019 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Tgt Ion:	55	Resp:	1811
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.5	20.3
58	0.0	7.0	10.4
42	0.0	7.0	10.6





#41

Tetrahydrofuran

Concen: 0.735 ug/l

RT: 5.080 min Scan# 1163

Delta R.T. 0.017 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

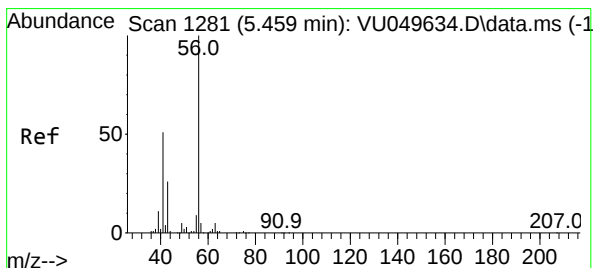
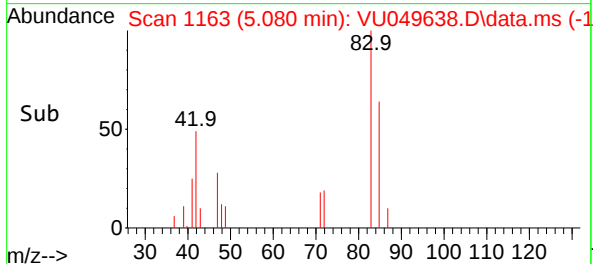
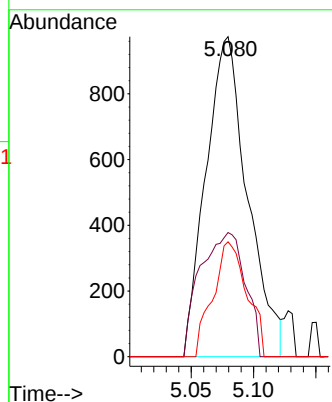
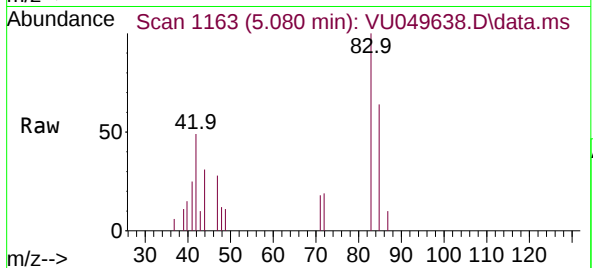
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion:	42	Resp:	2259
Ion	Ratio	Lower	Upper
42	100		
72	41.8	38.9	58.3
71	29.4	33.7	50.5



#42

1-Chlorobutane

Concen: 0.223 ug/l

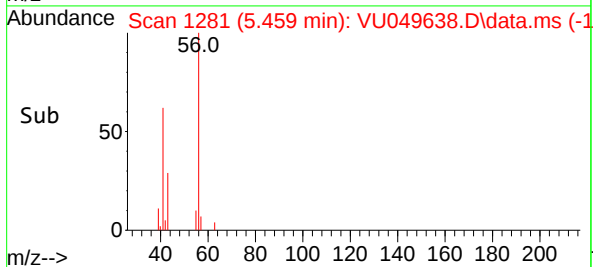
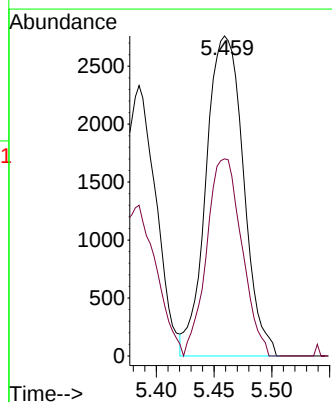
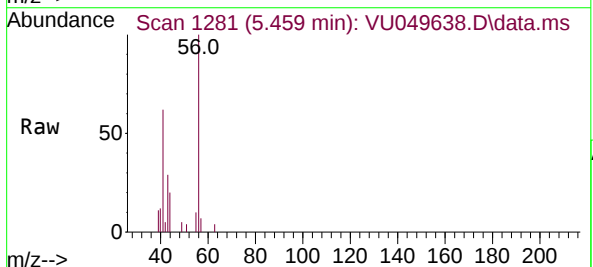
RT: 5.459 min Scan# 1281

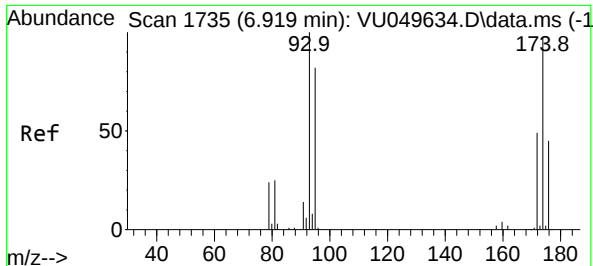
Delta R.T. 0.000 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Tgt Ion:	56	Resp:	6209
Ion	Ratio	Lower	Upper
56	100		
41	58.1	26.4	79.2

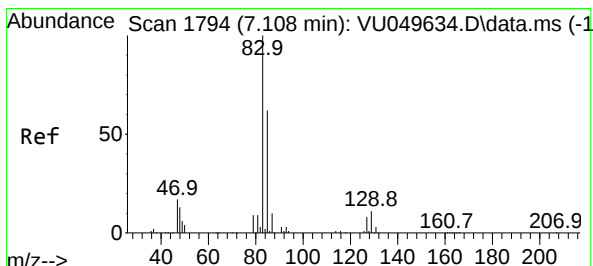
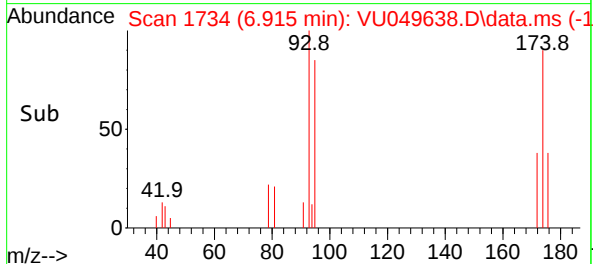
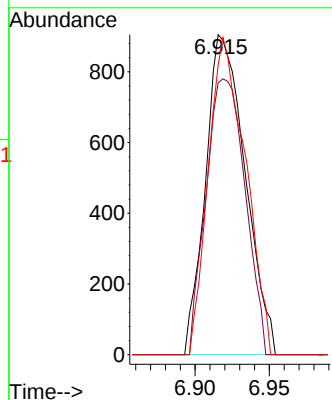
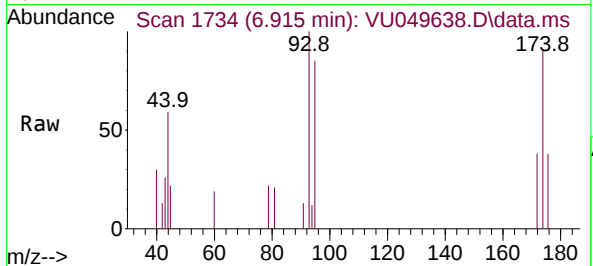




#43
Dibromomethane
Concen: 0.225 ug/l
RT: 6.915 min Scan# 1734
Delta R.T. -0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

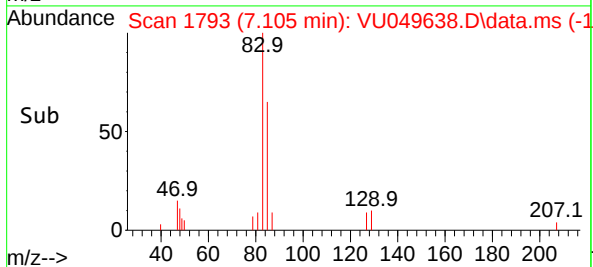
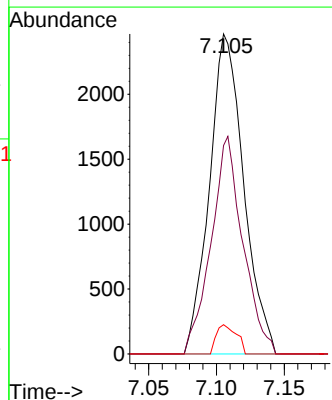
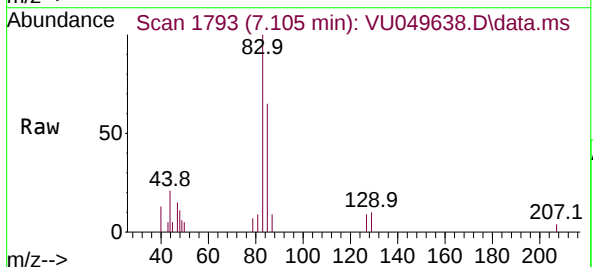
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

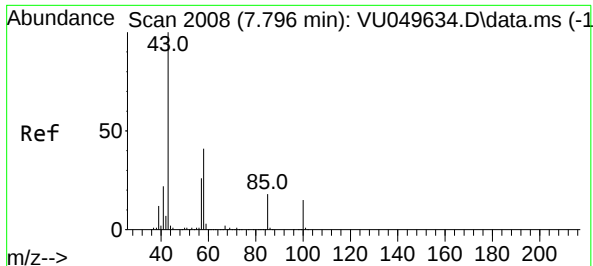
Tgt Ion: 93 Resp: 1678
Ion Ratio Lower Upper
93 100
95 85.0 65.0 97.6
174 92.8 76.3 114.5



#44
Bromodichloromethane
Concen: 0.243 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 83 Resp: 4334
Ion Ratio Lower Upper
83 100
85 65.2 49.4 74.0
127 9.2 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 1.230 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

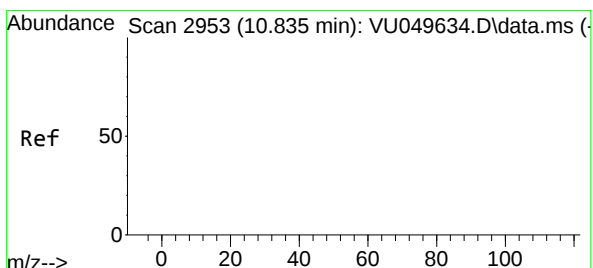
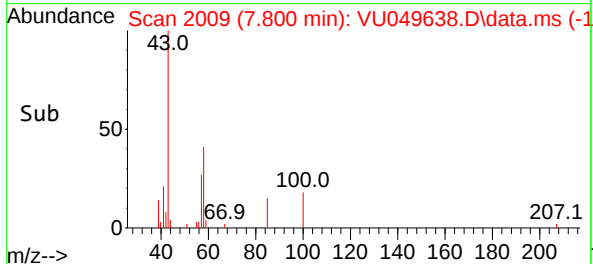
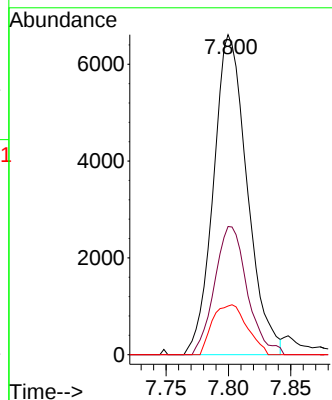
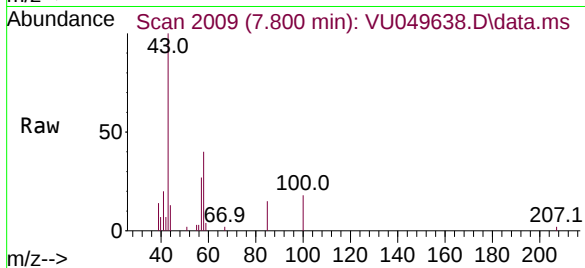
Tgt Ion: 43 Resp: 12439

Ion Ratio Lower Upper

43 100

58 38.8 20.3 61.0

85 16.0 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 1.094 ug/l

RT: 10.828 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Tgt Ion: 75 Resp: 3598

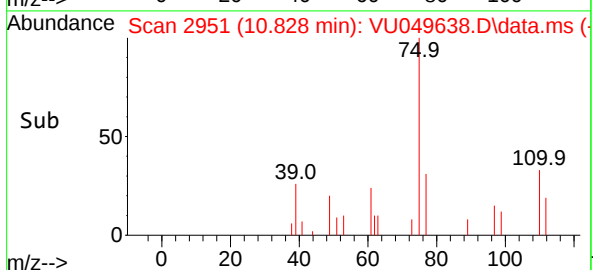
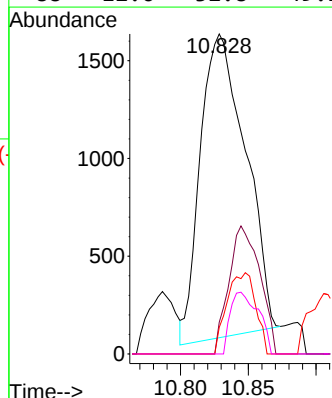
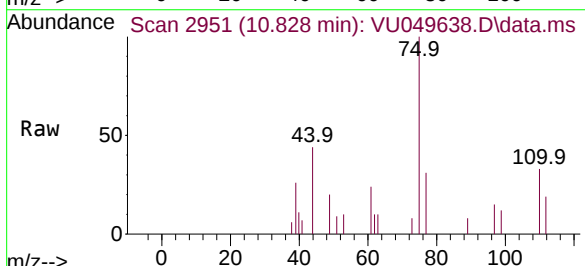
Ion Ratio Lower Upper

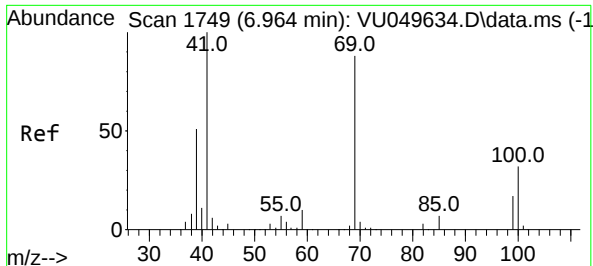
75 100

53 28.9 64.4 96.6#

89 17.0 44.2 66.2#

88 12.6 32.8 49.2#





#47

Methyl methacrylate

Concen: 0.452 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VU049638.D

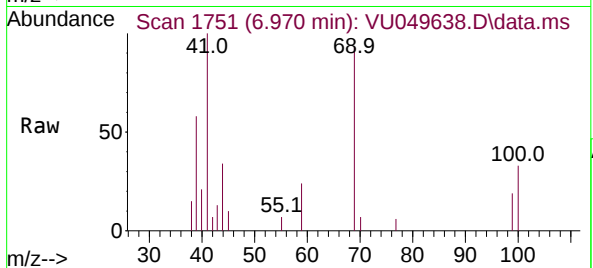
Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 69 Resp: 3392

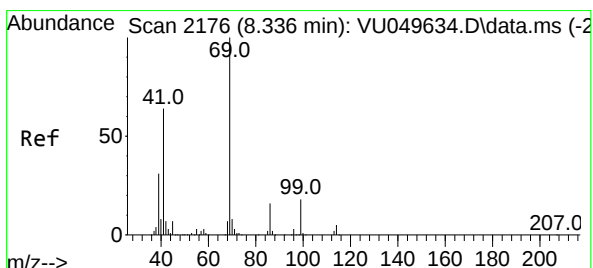
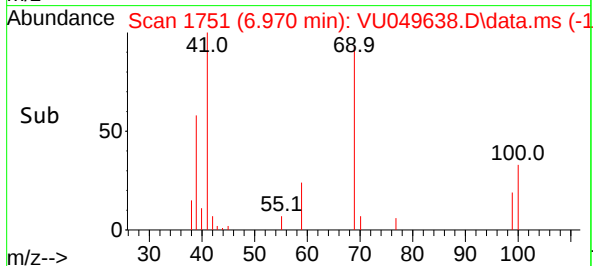
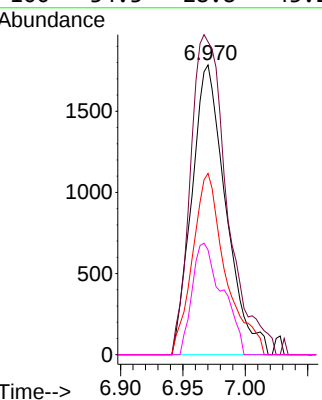
Ion Ratio Lower Upper

69 100

41 119.5 0.0 225.4

39 60.6 45.8 68.8

100 34.3 28.8 43.2



#48

Ethyl methacrylate

Concen: 0.214 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU049638.D

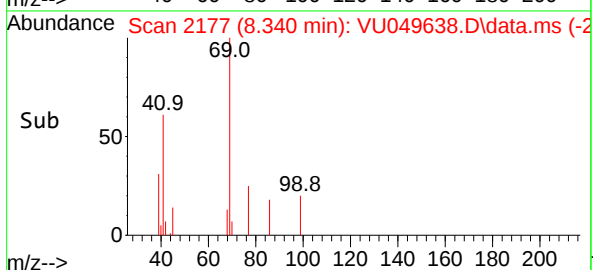
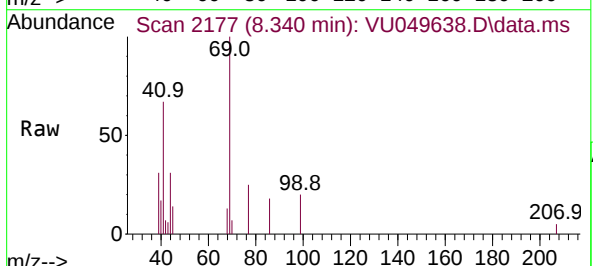
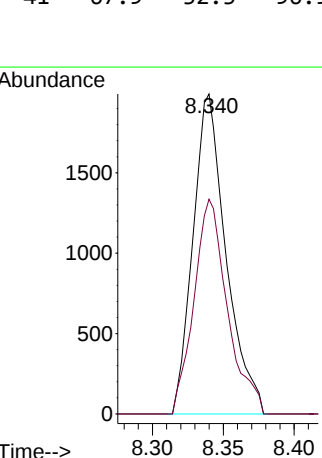
Acq: 06 Jul 2022 16:44

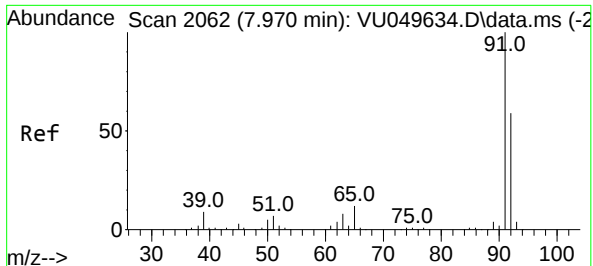
Tgt Ion: 69 Resp: 3223

Ion Ratio Lower Upper

69 100

41 67.9 32.3 96.9

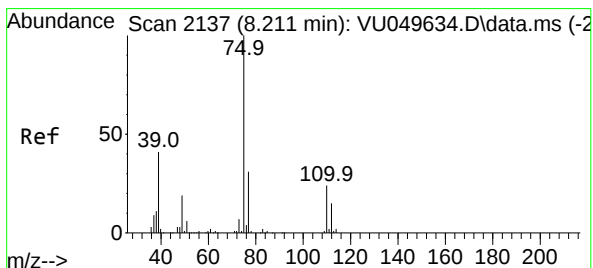
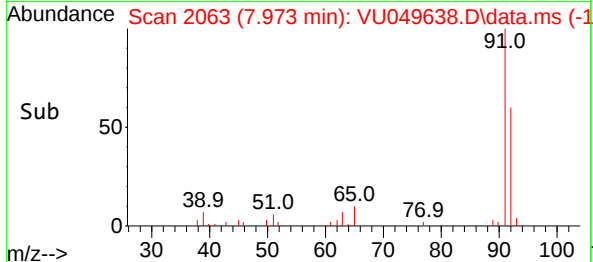
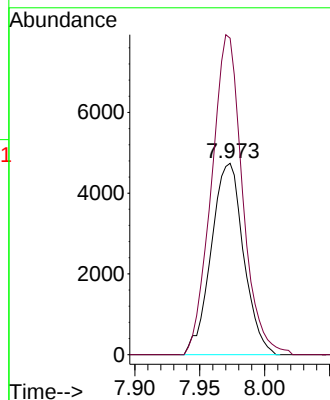
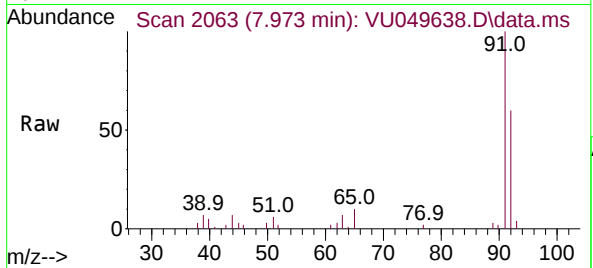




#49
Toluene
Concen: 0.238 ug/l
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

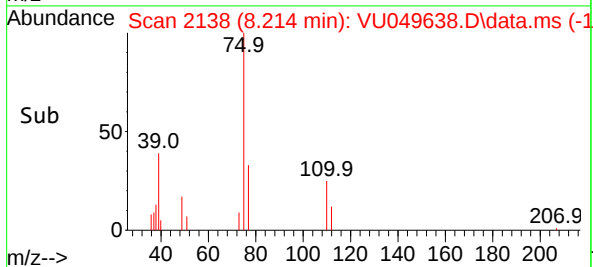
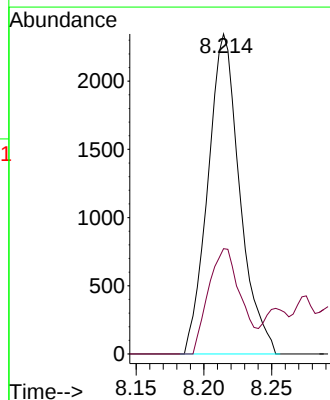
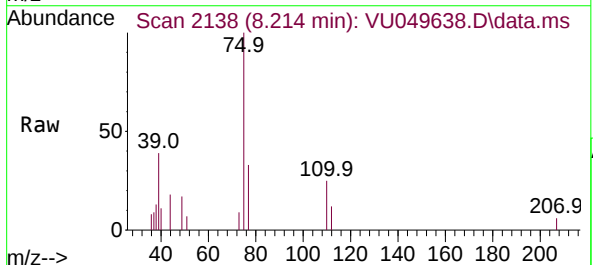
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

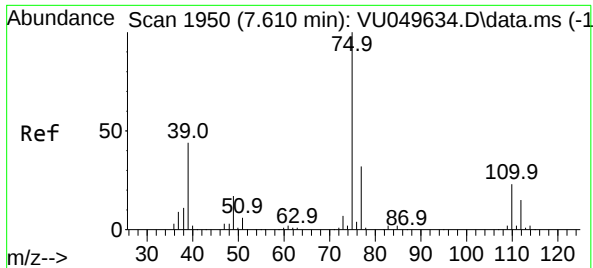
Tgt Ion: 92 Resp: 8219
Ion Ratio Lower Upper
92 100
91 160.3 138.6 207.8



#50
t-1,3-Dichloropropene
Concen: 0.222 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 75 Resp: 3835
Ion Ratio Lower Upper
75 100
77 32.9 24.7 37.1

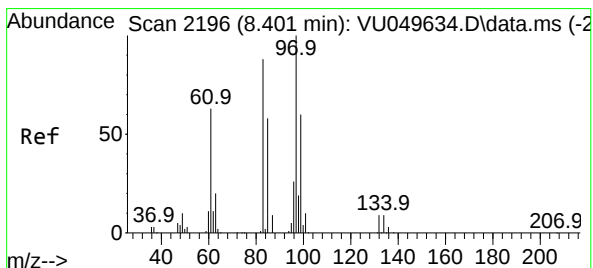
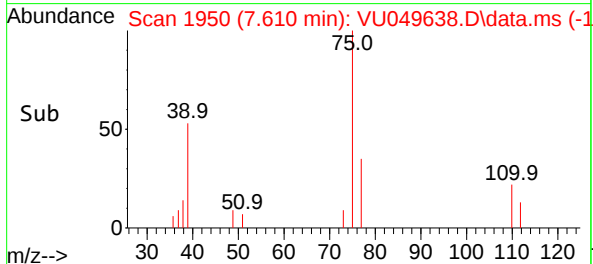
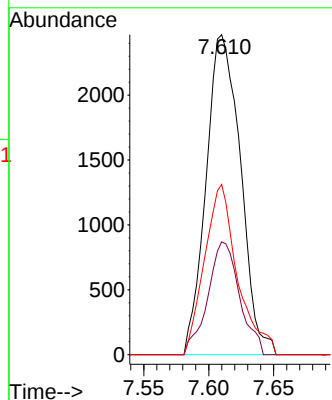
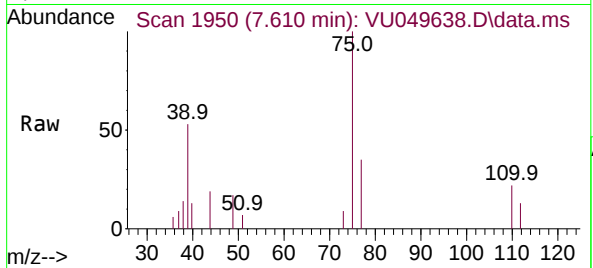




#51
 cis-1,3-Dichloropropene
 Concen: 0.222 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU049638.D
 Acq: 06 Jul 2022 16:44

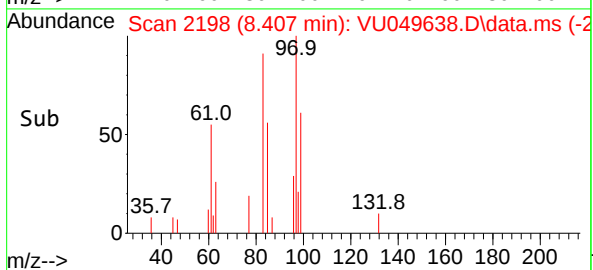
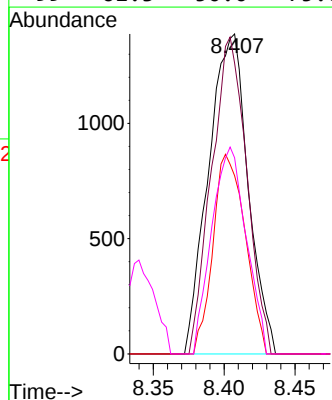
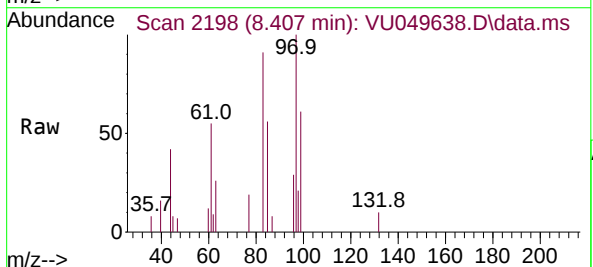
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:	75	Resp:	4546
Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.4	38.0
39	53.2	35.1	52.7#



#52
 1,1,2-Trichloroethane
 Concen: 0.262 ug/l
 RT: 8.407 min Scan# 2198
 Delta R.T. 0.007 min
 Lab File: VU049638.D
 Acq: 06 Jul 2022 16:44

Tgt Ion:	97	Resp:	2690
Ion	Ratio	Lower	Upper
97	100		
83	90.9	70.6	106.0
85	55.7	46.2	69.4
99	61.3	50.0	75.0





#53

1,3-Dichloropropane

Concen: 0.236 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

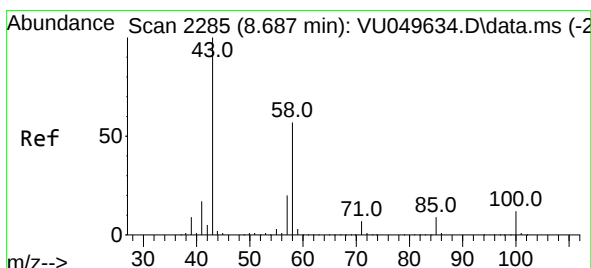
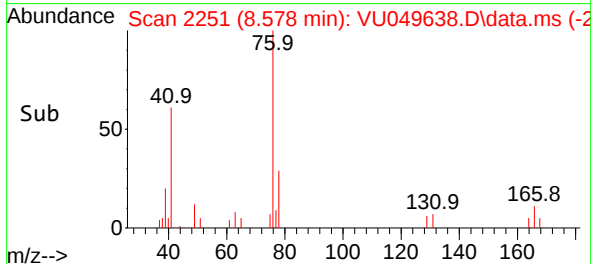
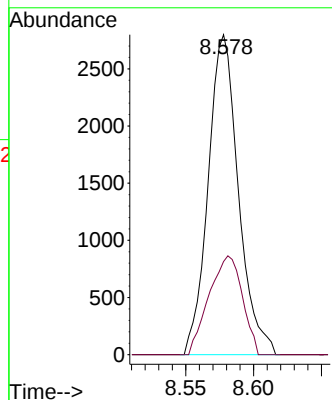
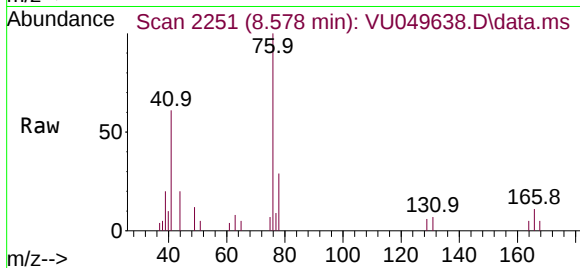
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 76 Resp: 4348

Ion Ratio Lower Upper

76 100

78 33.9 26.0 39.0



#54

2-Hexanone

Concen: 1.301 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

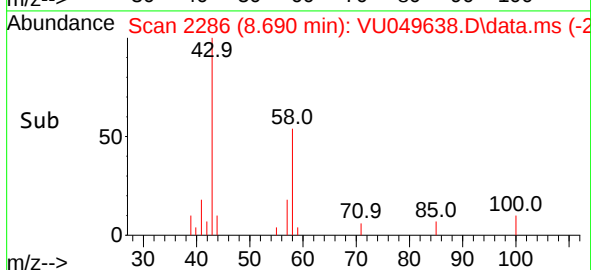
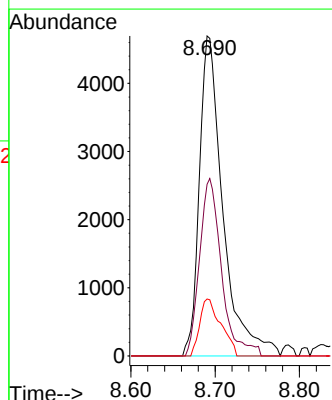
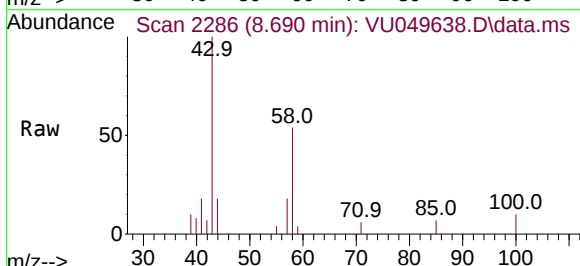
Tgt Ion: 43 Resp: 9136

Ion Ratio Lower Upper

43 100

58 51.7 37.1 77.1

57 16.0 0.0 39.5





#55

Dibromochloromethane

Concen: 0.214 ug/l

RT: 8.812 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

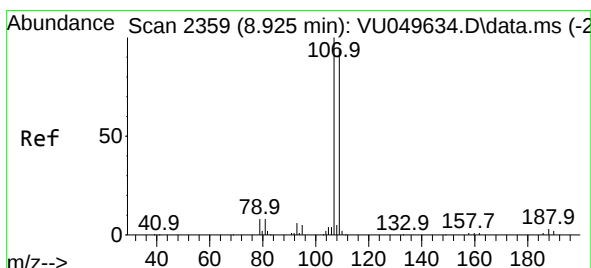
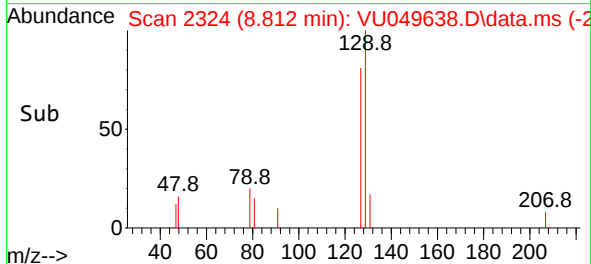
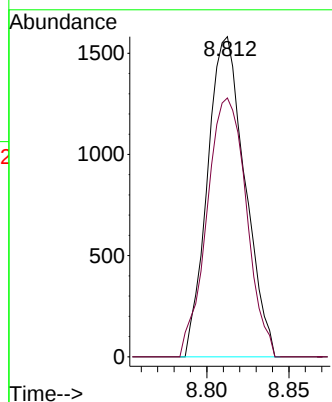
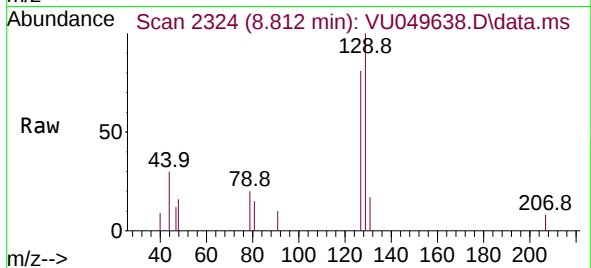
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:129 Resp: 2510

Ion Ratio Lower Upper

129 100

127 85.1 61.2 91.8



#56

1,2-Dibromoethane

Concen: 0.249 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU049638.D

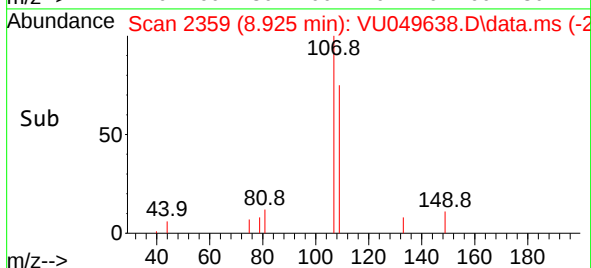
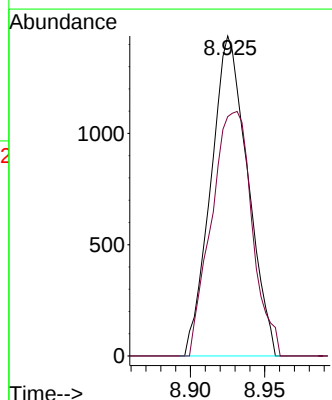
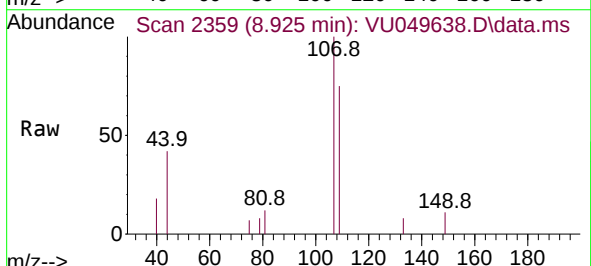
Acq: 06 Jul 2022 16:44

Tgt Ion:107 Resp: 2478

Ion Ratio Lower Upper

107 100

109 84.5 0.0 187.2

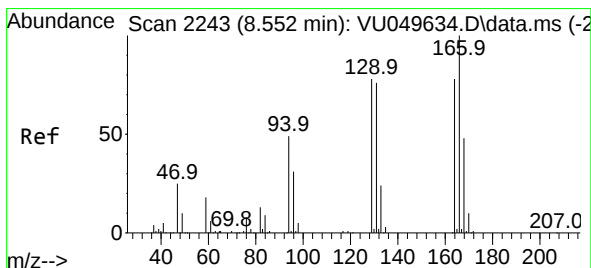
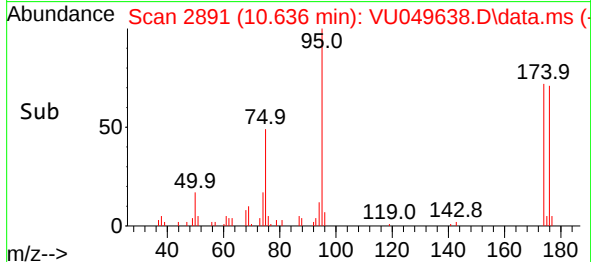
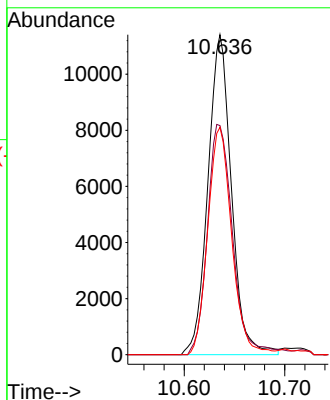
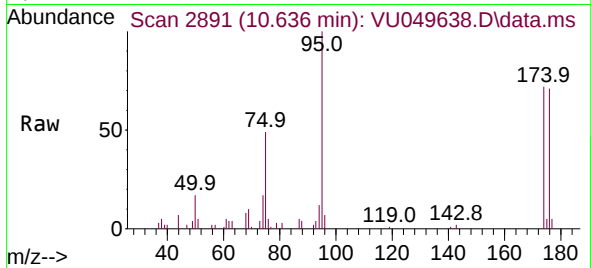




#57
4-Bromofluorobenzene
Concen: 0.975 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

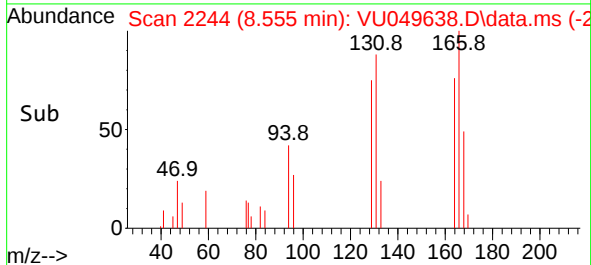
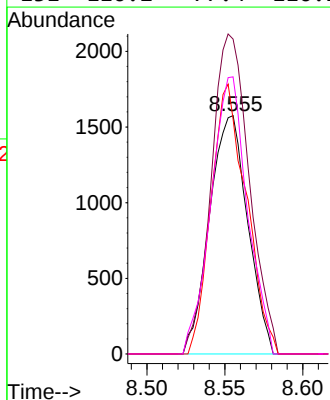
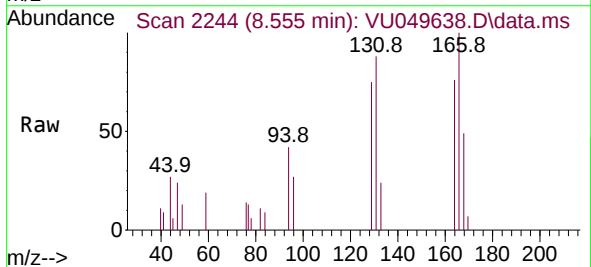
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

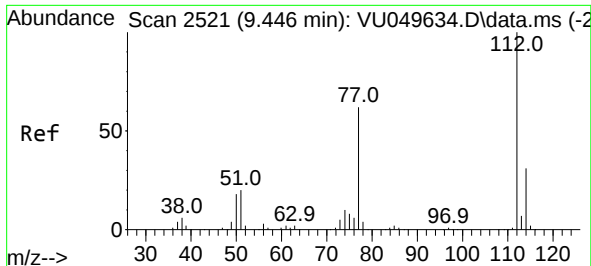
Tgt Ion: 95 Resp: 18544
Ion Ratio Lower Upper
95 100
174 77.2 62.4 93.6
176 72.4 56.2 84.2



#58
Tetrachloroethene
Concen: 0.225 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 164 Resp: 2673
Ion Ratio Lower Upper
164 100
166 132.0 102.4 153.6
129 98.5 79.5 119.3
131 116.2 77.4 116.2#





#59

Chlorobenzene

Concen: 0.224 ug/l

RT: 9.449 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

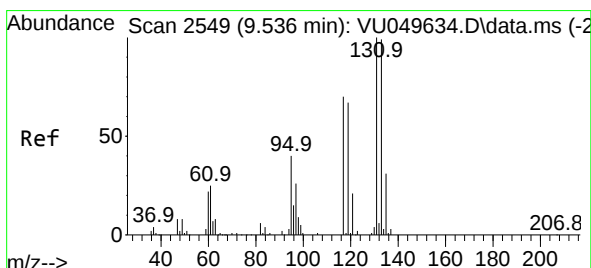
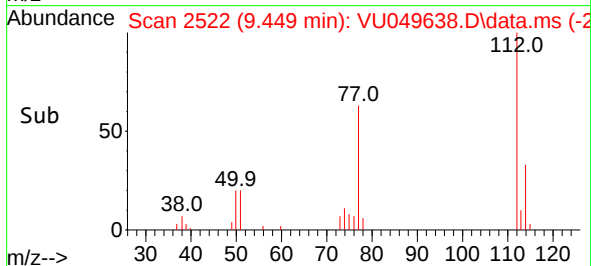
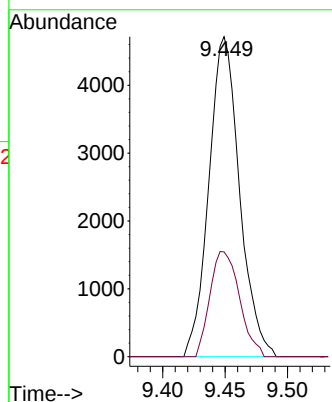
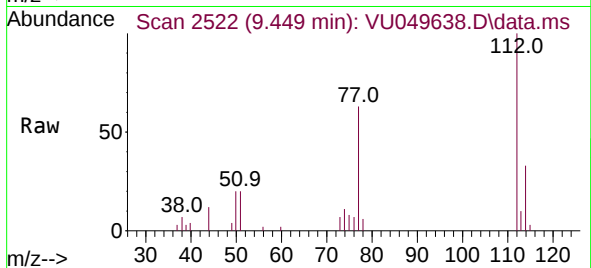
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:112 Resp: 8079

Ion Ratio Lower Upper

112 100

114 32.8 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 0.229 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. -0.003 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

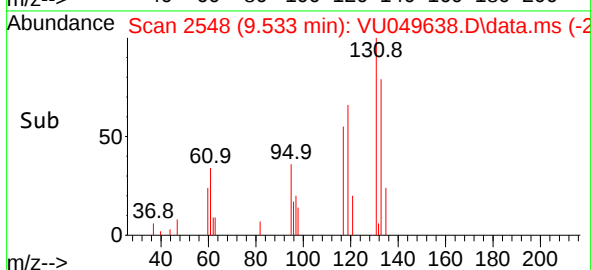
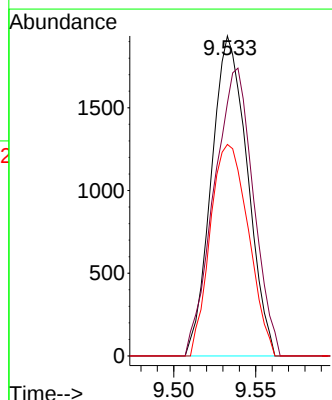
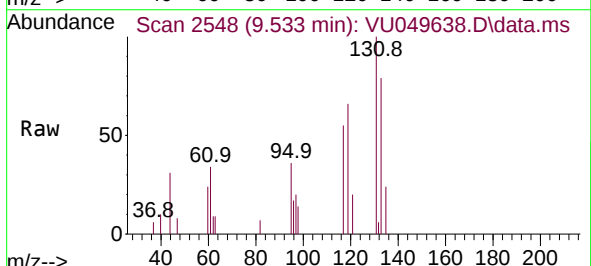
Tgt Ion:131 Resp: 2943

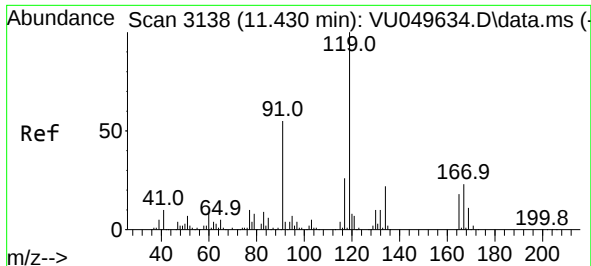
Ion Ratio Lower Upper

131 100

133 98.4 78.3 117.5

119 70.2 53.2 79.8

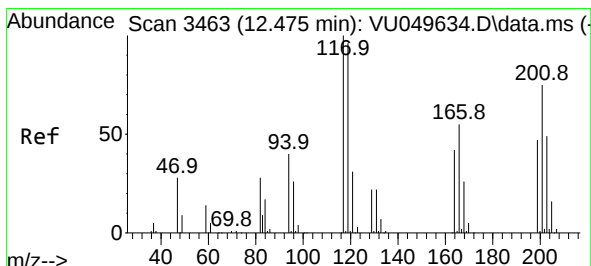
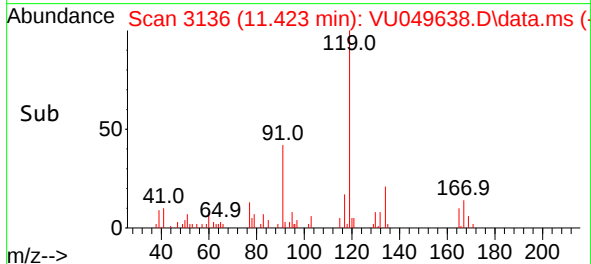
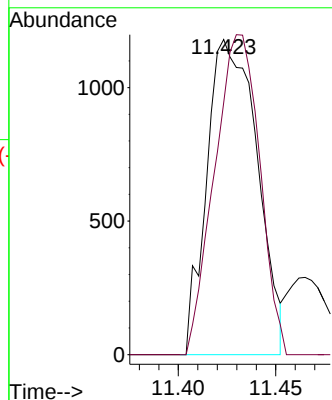
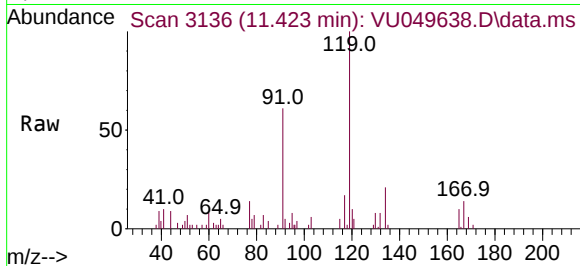




#61
 Pentachloroethane
 Concen: 0.215 ug/l
 RT: 11.423 min Scan# 3138
 Delta R.T. -0.006 min
 Lab File: VU049638.D
 Acq: 06 Jul 2022 16:44

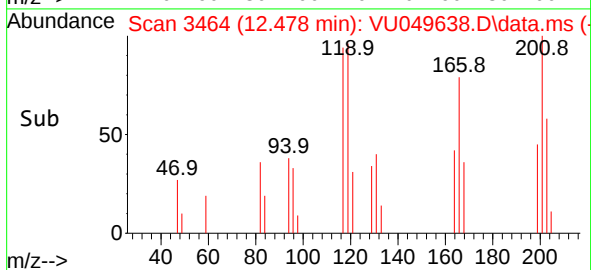
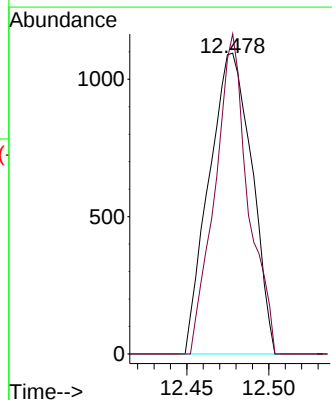
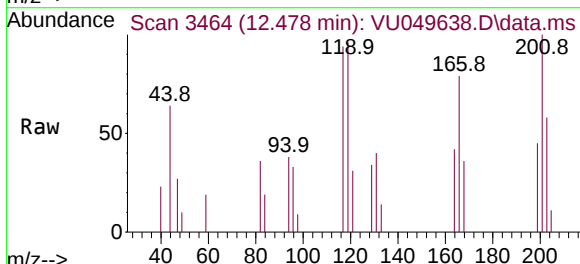
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

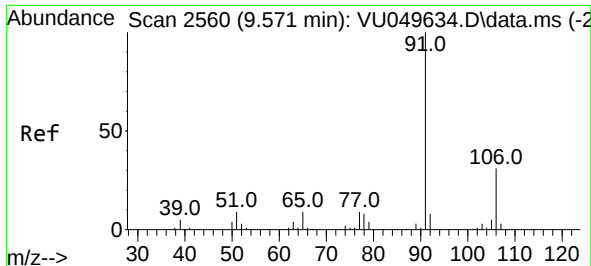
Tgt Ion:117 Resp: 2120
 Ion Ratio Lower Upper
 117 100
 167 91.1 66.2 99.4



#62
 Hexachloroethane
 Concen: 0.201 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. 0.003 min
 Lab File: VU049638.D
 Acq: 06 Jul 2022 16:44

Tgt Ion:117 Resp: 1987
 Ion Ratio Lower Upper
 117 100
 201 82.5 61.0 91.4





#63

Ethyl Benzene

Concen: 0.228 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

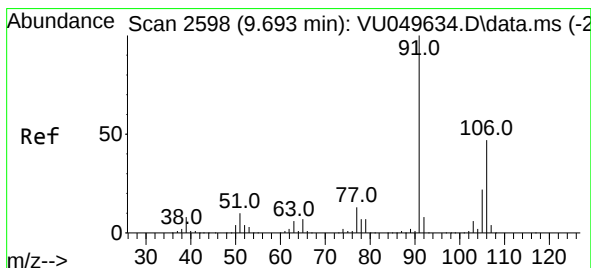
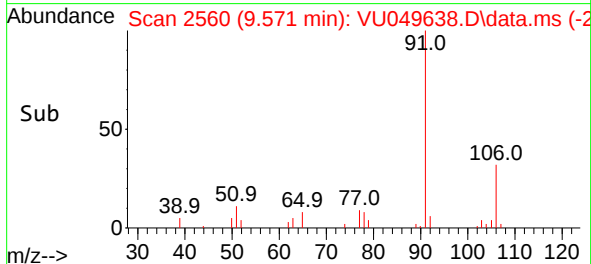
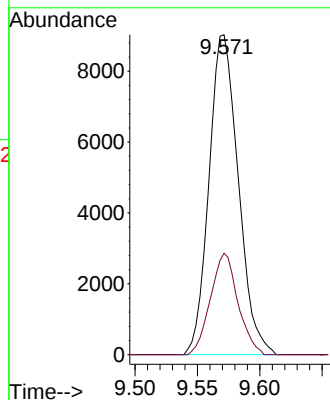
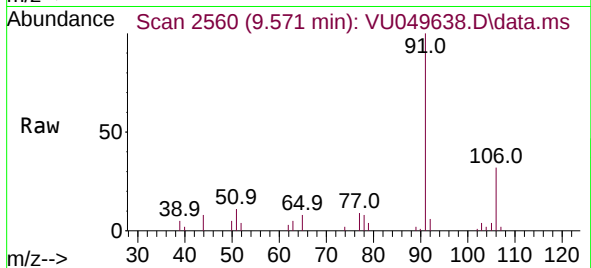
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 91 Resp: 14774

Ion Ratio Lower Upper

91 100

106 31.7 24.4 36.6



#64

m/p-Xylenes

Concen: 0.436 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU049638.D

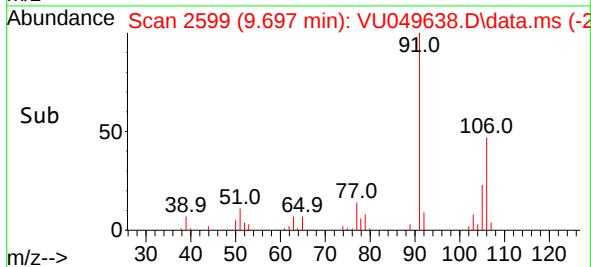
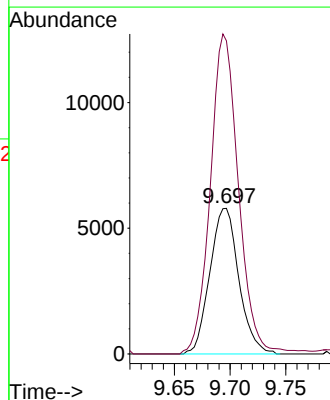
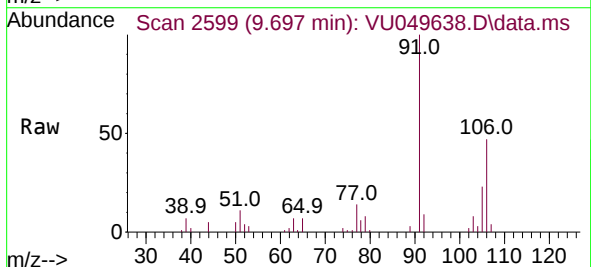
Acq: 06 Jul 2022 16:44

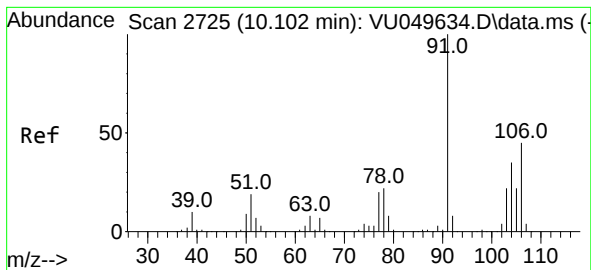
Tgt Ion: 106 Resp: 10477

Ion Ratio Lower Upper

106 100

91 214.4 167.8 251.6





#65

o-Xylene

Concen: 0.222 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

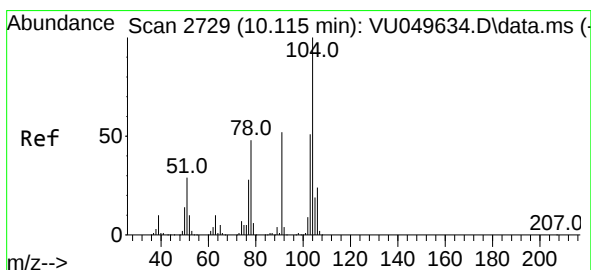
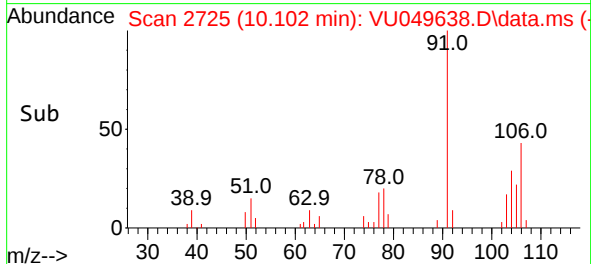
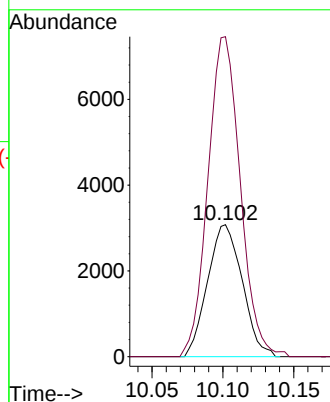
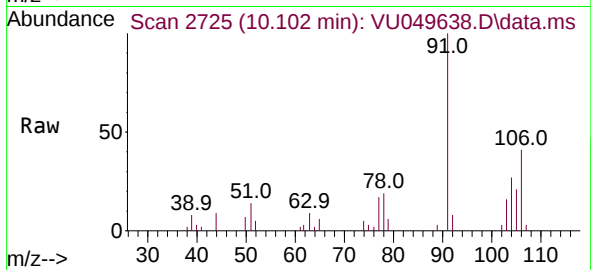
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:106 Resp: 5236

Ion Ratio Lower Upper

106 100

91 226.3 111.1 333.2



#66

Styrene

Concen: 0.234 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

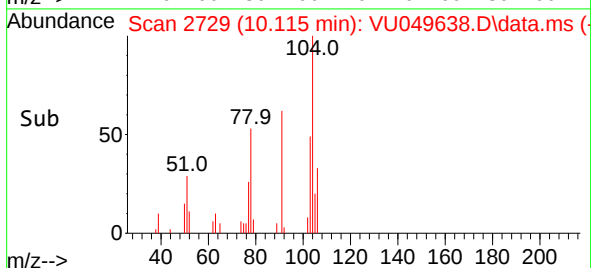
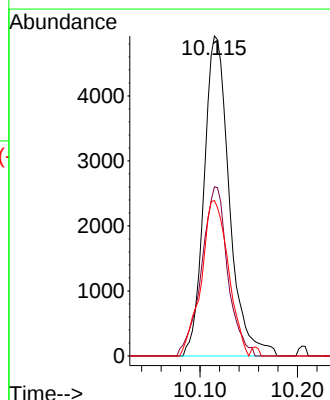
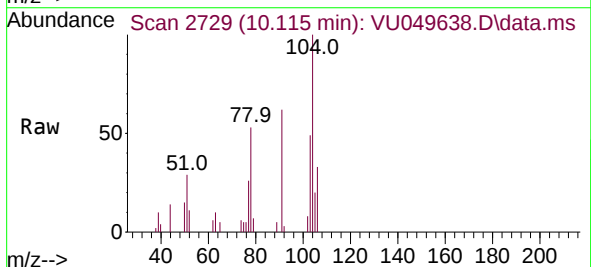
Tgt Ion:104 Resp: 8876

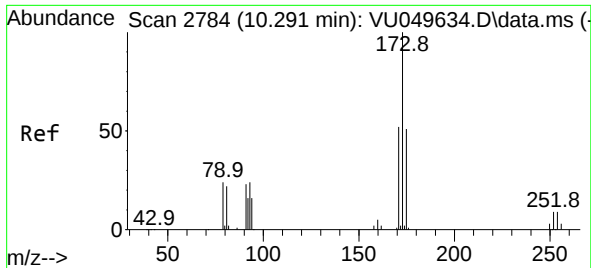
Ion Ratio Lower Upper

104 100

78 54.6 42.1 63.1

103 51.9 44.5 66.7

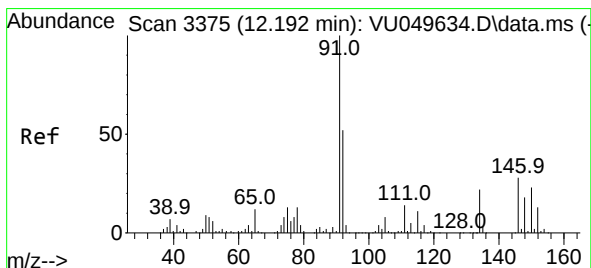
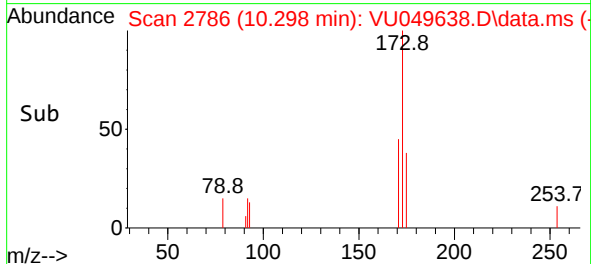
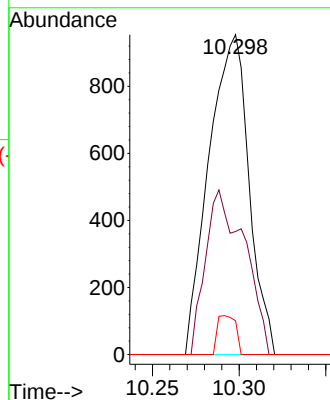
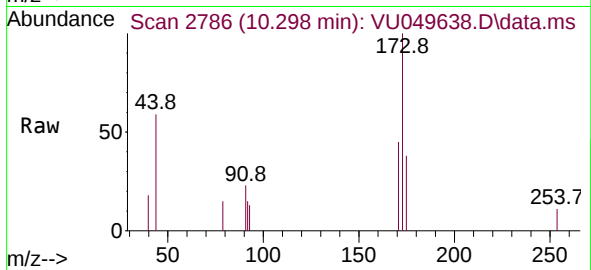




#67
Bromoform
Concen: 0.229 ug/l
RT: 10.298 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

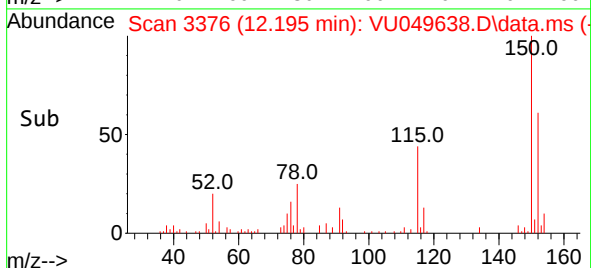
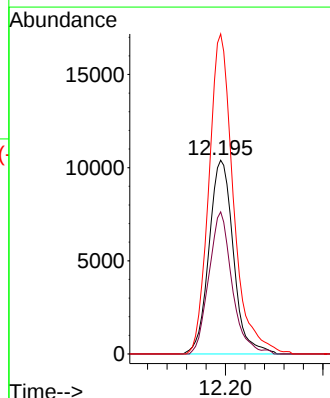
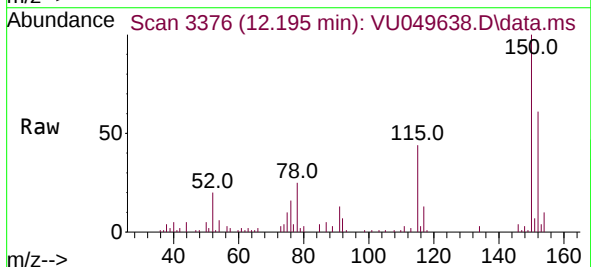
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

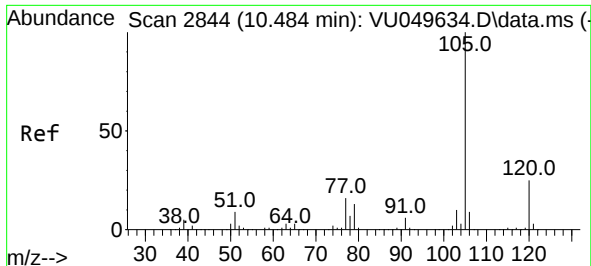
Tgt Ion:173 Resp: 1532
Ion Ratio Lower Upper
173 100
175 50.4 38.4 57.6
254 5.5 7.7 11.5#



#68
1,2-Dichlorobenzene-d4
Concen: 1.032 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion:152 Resp: 18069
Ion Ratio Lower Upper
152 100
115 69.9 0.0 254.6
150 166.0 0.0 623.6

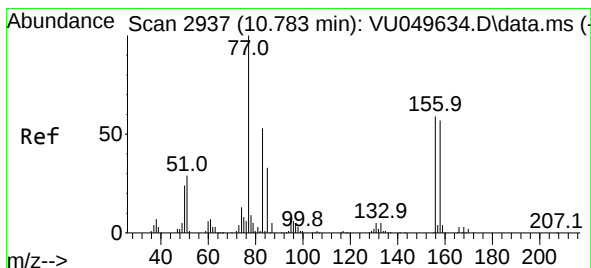
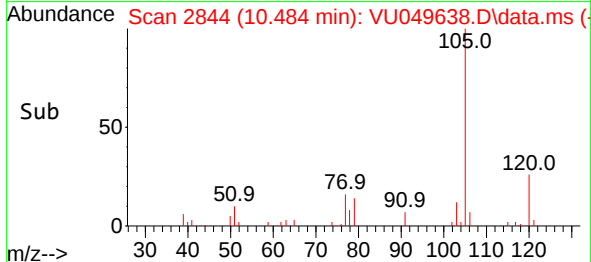
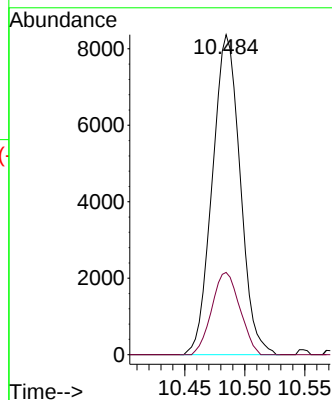
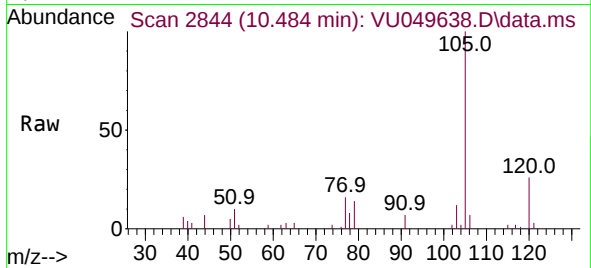




#69
Isopropylbenzene
Concen: 0.214 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

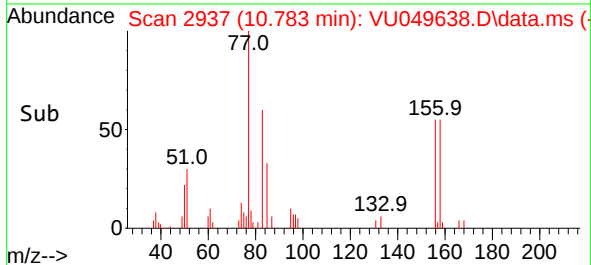
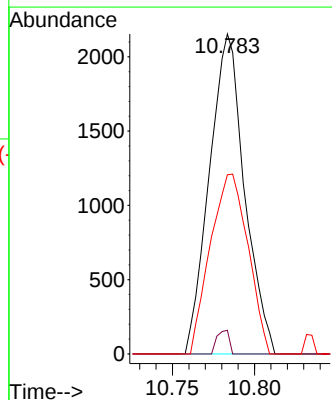
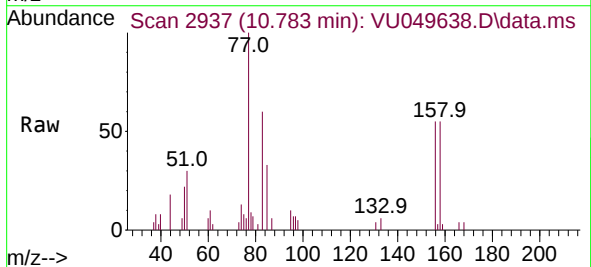
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

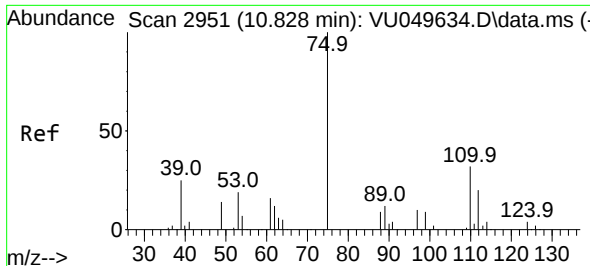
Tgt Ion:105 Resp: 13483
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.240 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 83 Resp: 3203
Ion Ratio Lower Upper
83 100
131 2.6 7.7 11.5#
85 60.2 51.2 76.8

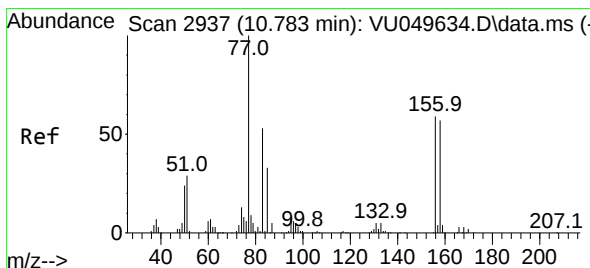
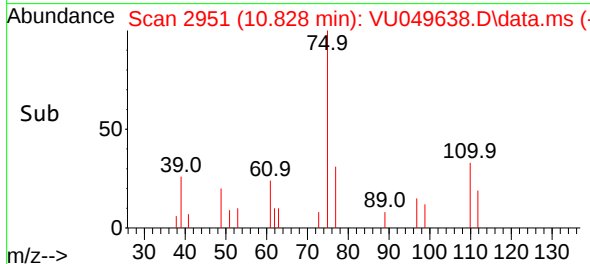
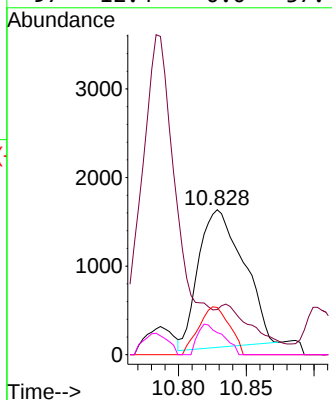
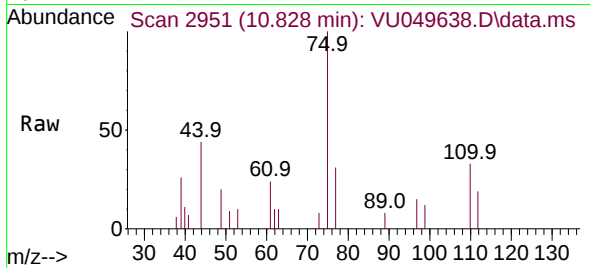




#71
1,2,3-Trichloropropane
Concen: 0.325 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

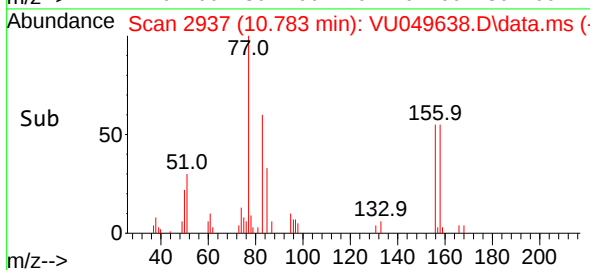
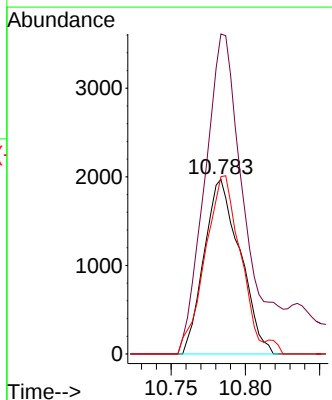
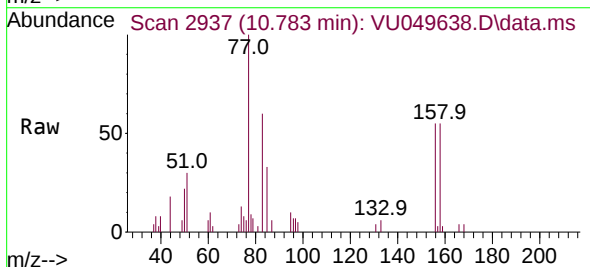
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

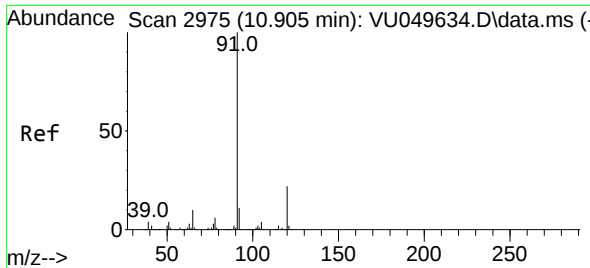
Tgt Ion:	75	Resp:	3598
Ion Ratio	Lower	Upper	
75	100		
77	23.3	0.0	112.4
110	23.7	0.0	70.6
97	12.4	0.0	37.4



#72
Bromobenzene
Concen: 0.234 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion:	156	Resp:	3322
Ion Ratio	Lower	Upper	
156	100		
77	200.4	0.0	344.4
158	99.8	0.0	192.2

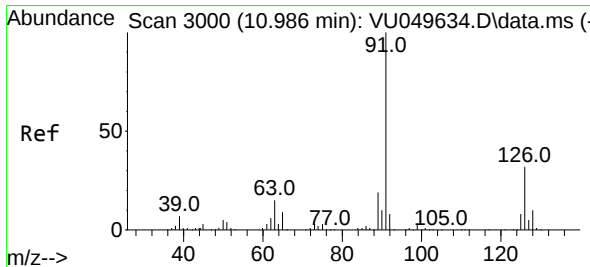
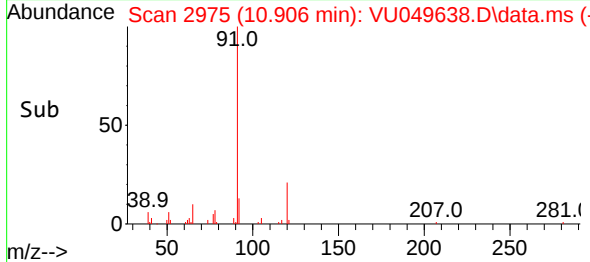
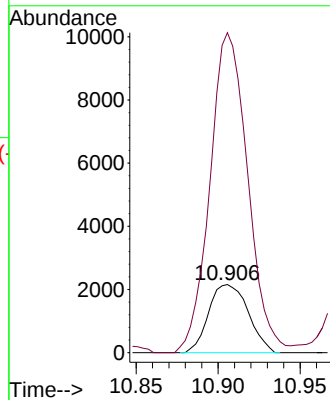
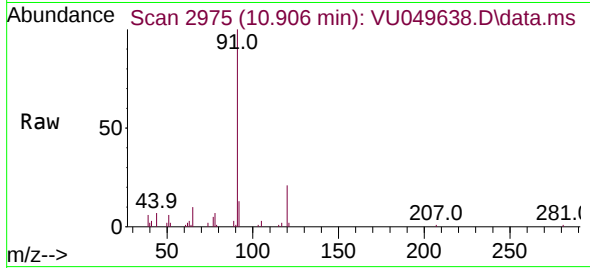




#73
n-propylbenzene
Concen: 0.227 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

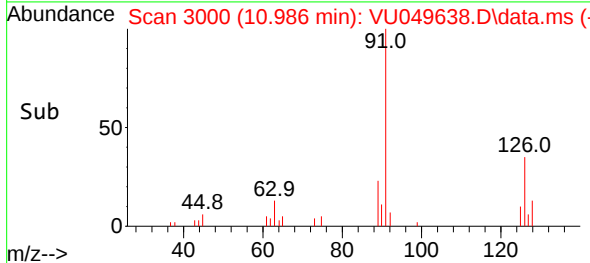
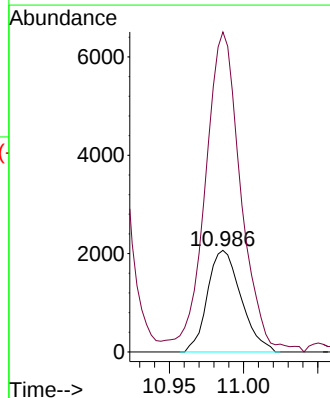
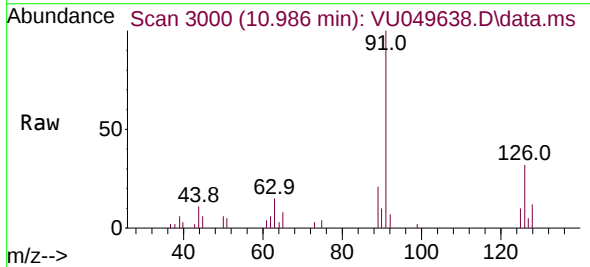
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

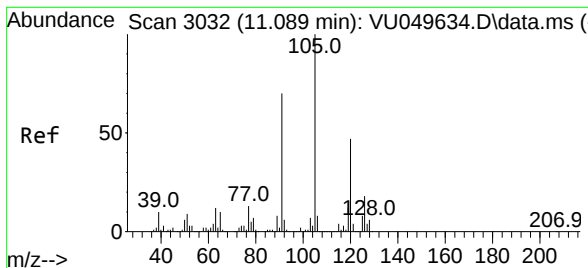
Tgt Ion:120 Resp: 3610
Ion Ratio Lower Upper
120 100
91 448.9 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.229 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion:126 Resp: 3251
Ion Ratio Lower Upper
126 100
91 333.6 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 0.212 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

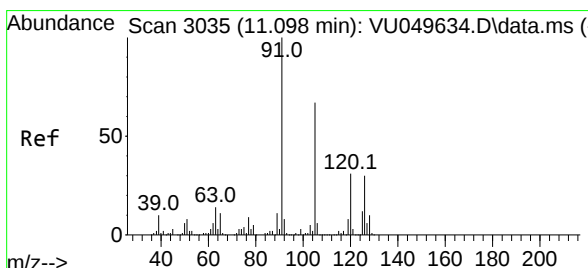
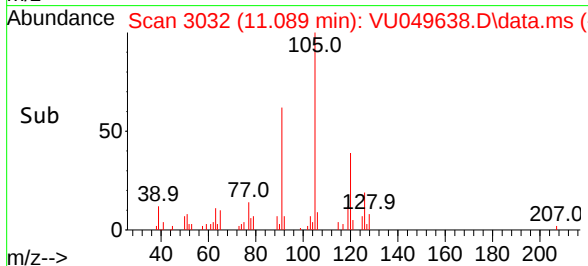
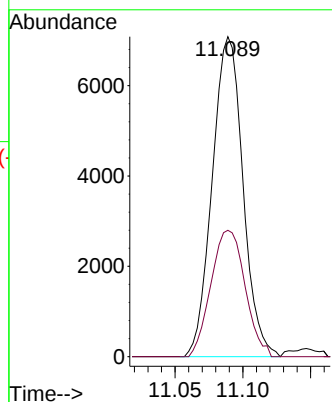
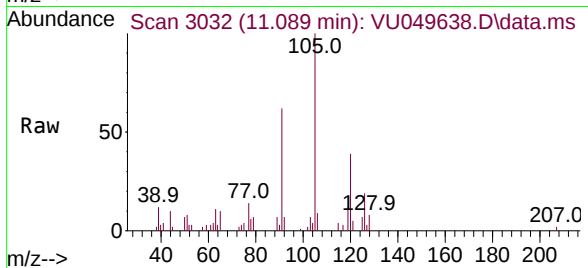
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:105 Resp: 11157

Ion Ratio Lower Upper

105 100

120 43.8 37.6 56.4



#76

4-Chlorotoluene

Concen: 0.230 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. -0.003 min

Lab File: VU049638.D

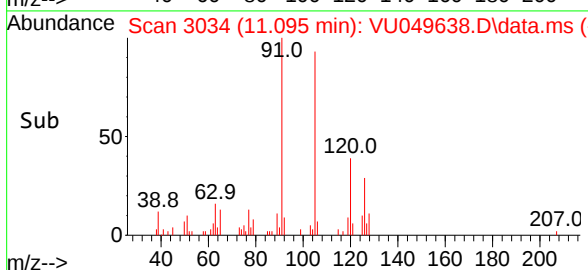
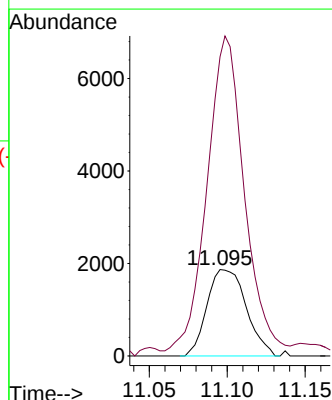
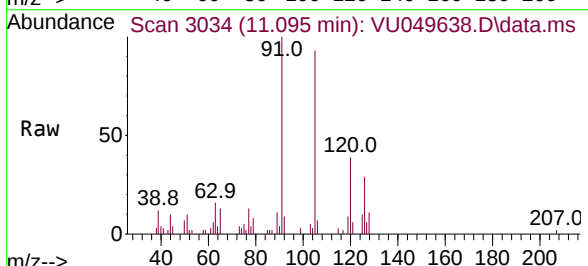
Acq: 06 Jul 2022 16:44

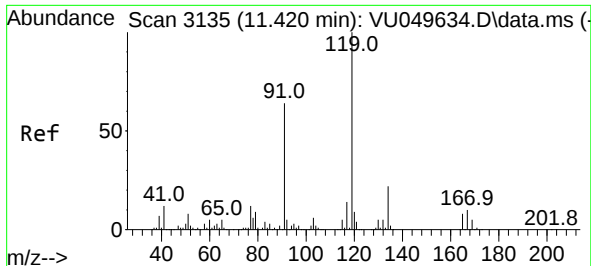
Tgt Ion:126 Resp: 3267

Ion Ratio Lower Upper

126 100

91 342.2 0.0 738.8

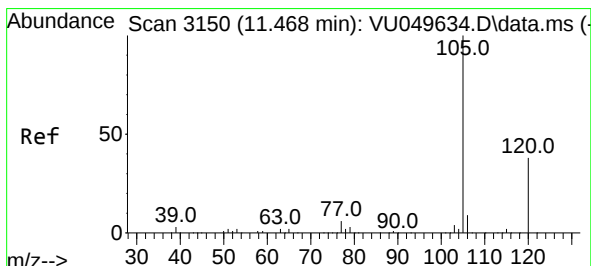
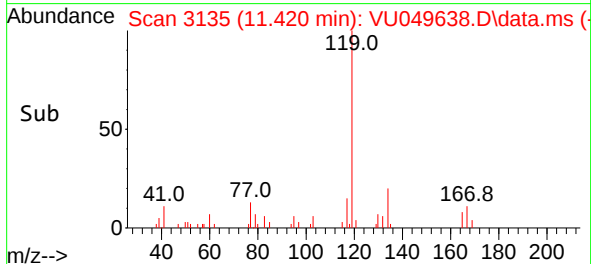
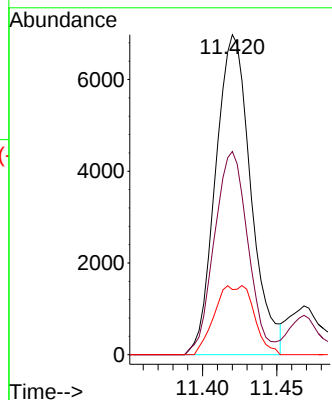
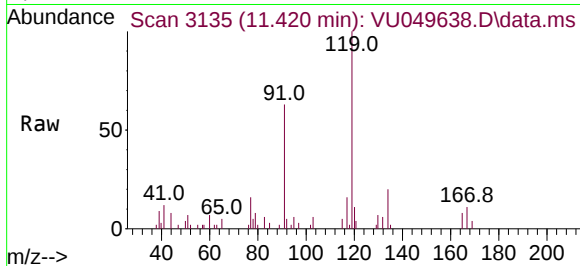




#77
tert-Butylbenzene
Concen: 0.222 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

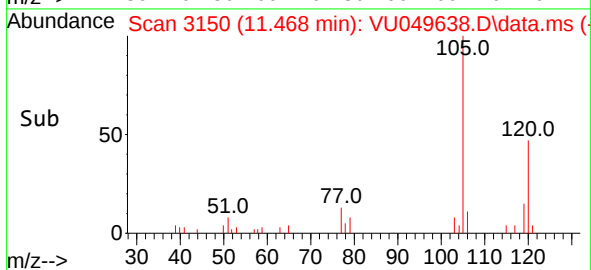
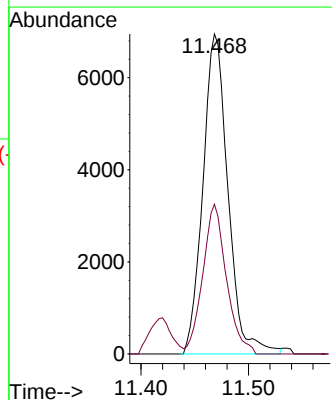
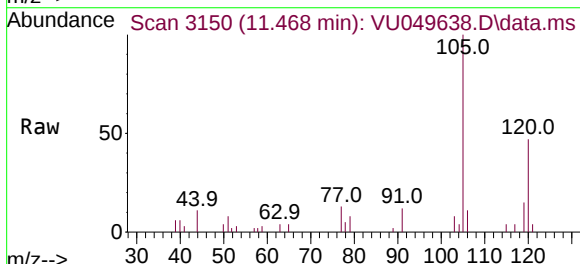
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

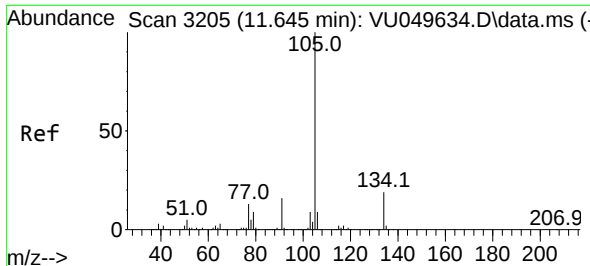
Tgt Ion:119 Resp: 11530
Ion Ratio Lower Upper
119 100
91 60.7 30.4 91.3
134 12.2 17.8 26.6#



#78
1,2,4-Trimethylbenzene
Concen: 0.212 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion:105 Resp: 11244
Ion Ratio Lower Upper
105 100
120 44.3 21.6 65.0

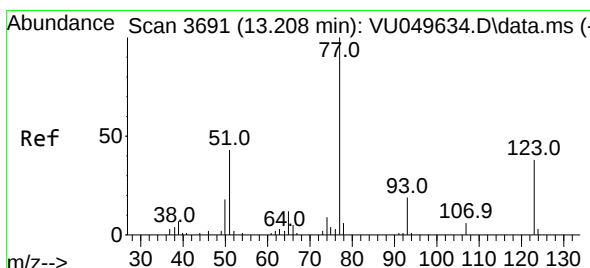
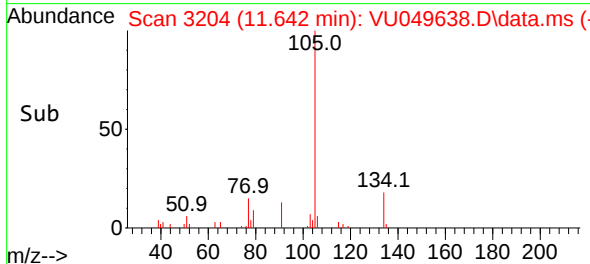
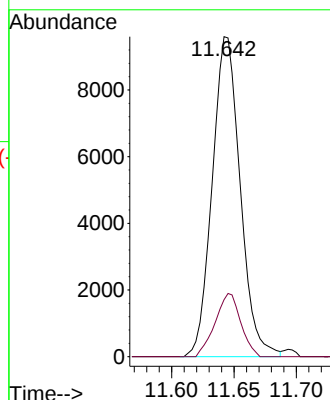
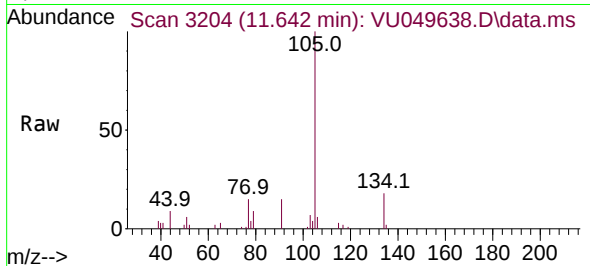




#79
 sec-Butylbenzene
 Concen: 0.221 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049638.D
 Acq: 06 Jul 2022 16:44

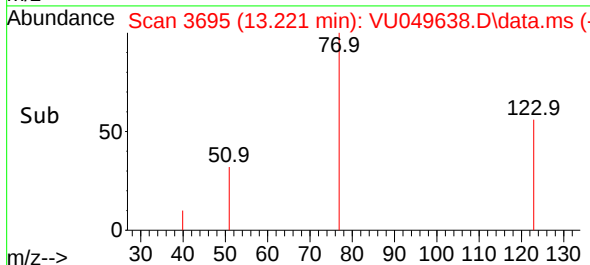
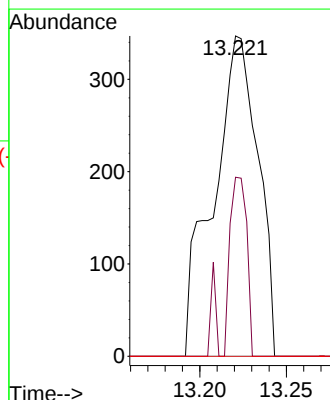
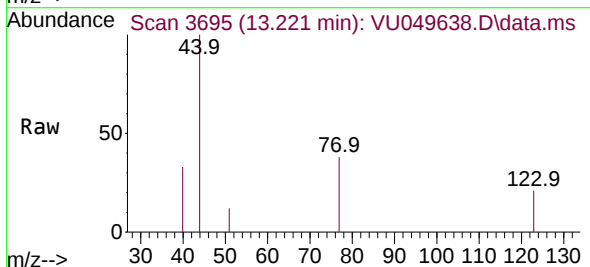
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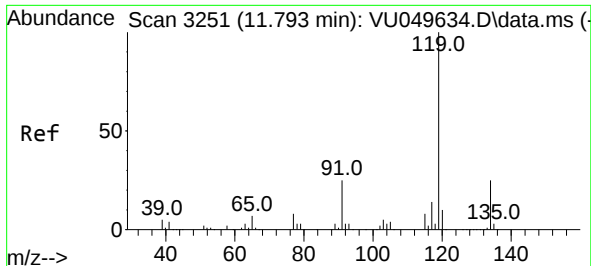
Tgt Ion:105 Resp: 15014
 Ion Ratio Lower Upper
 105 100
 134 18.0 15.4 23.0



#80
 Nitrobenzene
 Concen: 1.140 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.013 min
 Lab File: VU049638.D
 Acq: 06 Jul 2022 16:44

Tgt Ion: 77 Resp: 623
 Ion Ratio Lower Upper
 77 100
 123 21.0 18.1 64.3
 65 0.0 10.8 13.8#

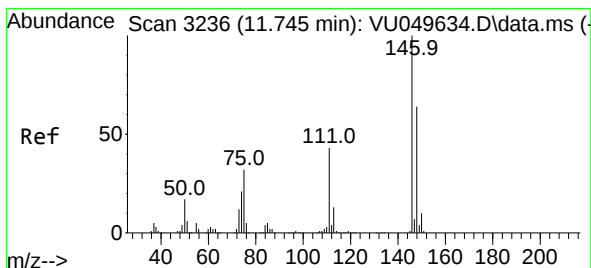
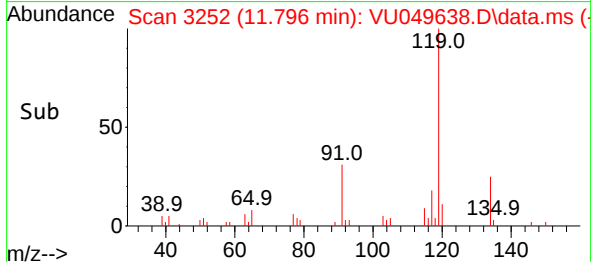
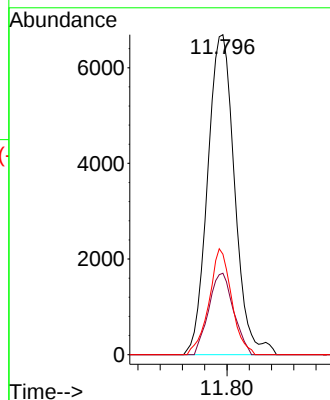
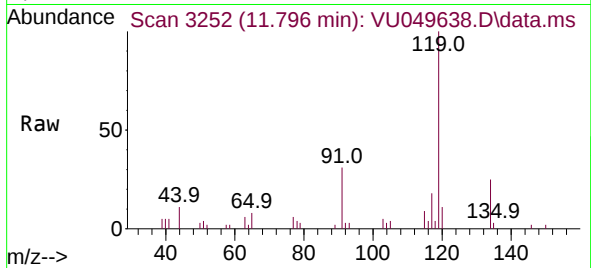




#81
p-Isopropyltoluene
Concen: 0.204 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

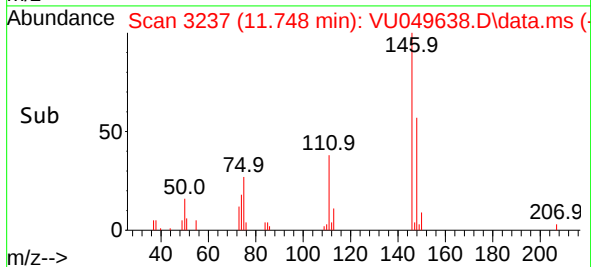
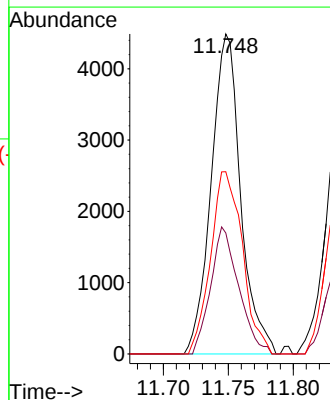
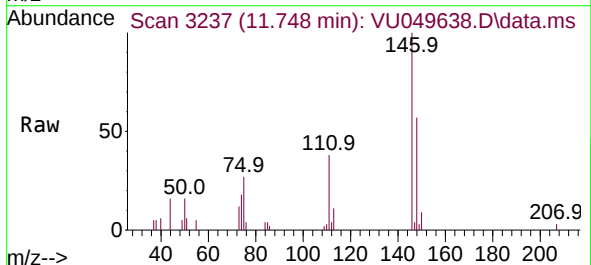
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

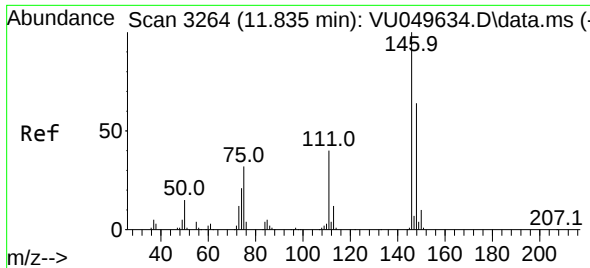
Tgt Ion:	119	Resp:	11243
Ion	Ratio	Lower	Upper
119	100		
134	23.3	20.5	30.7
91	27.7	19.8	29.6



#82
1,3-Dichlorobenzene
Concen: 0.257 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion:	146	Resp:	7073
Ion	Ratio	Lower	Upper
146	100		
111	37.8	33.4	50.2
148	61.6	51.2	76.8

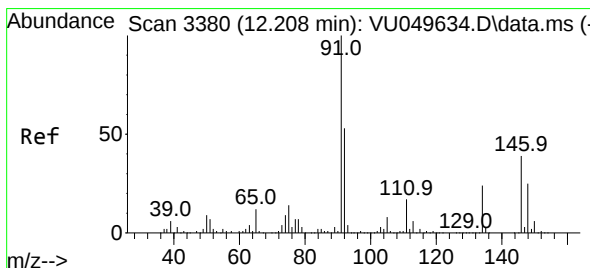
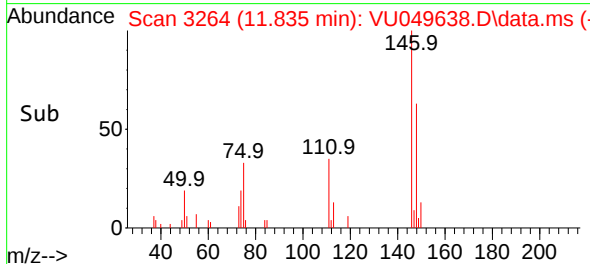
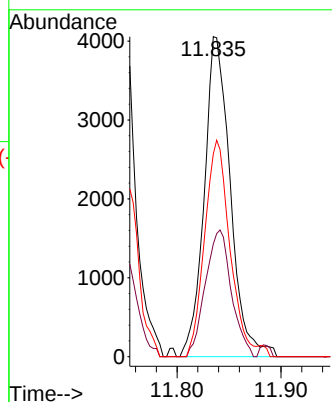
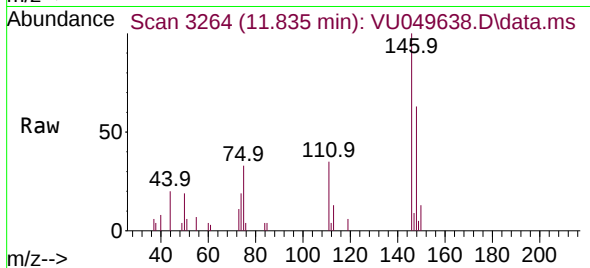




#83
1,4-Dichlorobenzene
Concen: 0.255 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

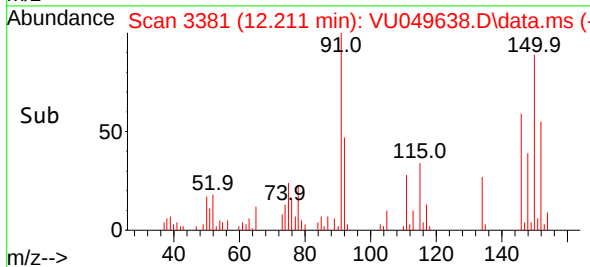
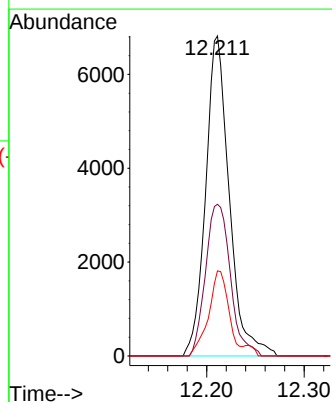
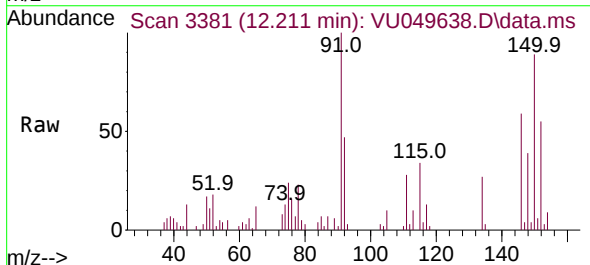
Instrument :
MSVOA_U
ClientSampleId :
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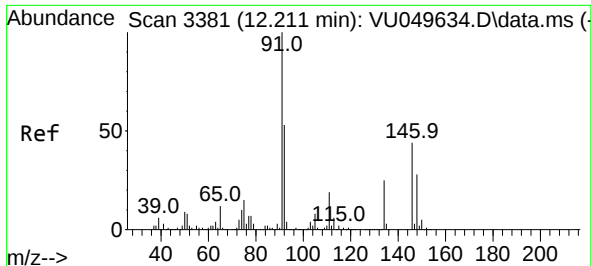
Tgt Ion:	146	Resp:	7072
Ion	Ratio	Lower	Upper
146	100		
111	39.4	32.6	49.0
148	66.2	51.6	77.4



#84
n-Butylbenzene
Concen: 0.223 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion:	91	Resp:	11462
Ion	Ratio	Lower	Upper
91	100		
92	49.9	42.3	63.5
134	22.8	19.6	29.4

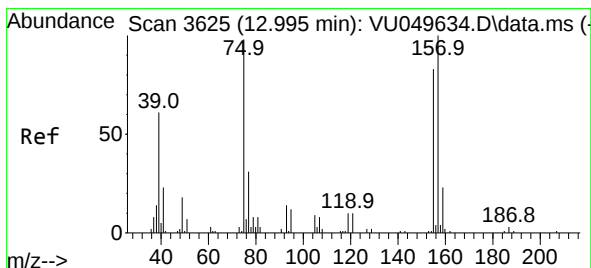
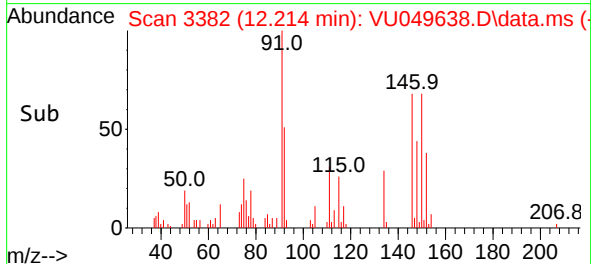
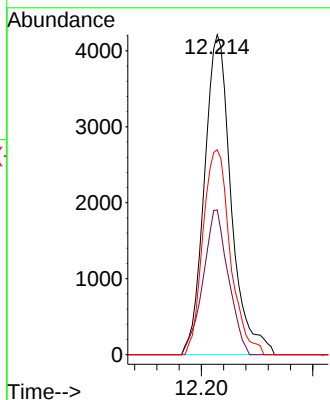
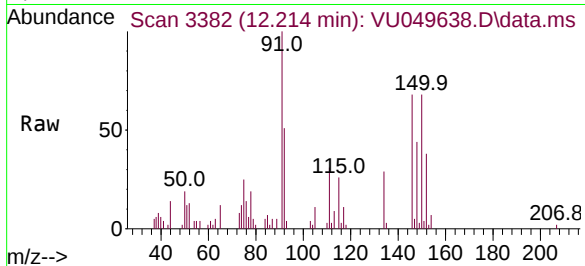




#85
1,2-Dichlorobenzene
Concen: 0.264 ug/l
RT: 12.214 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

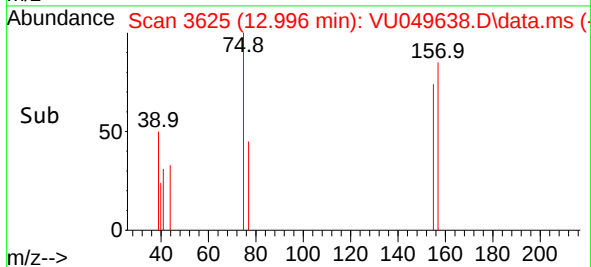
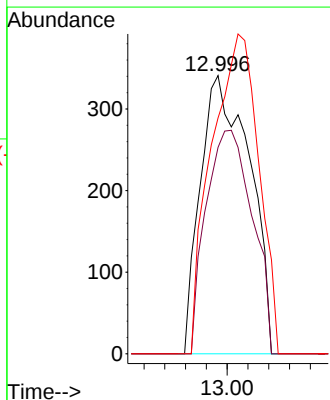
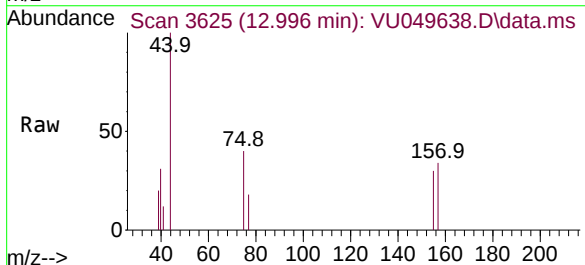
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:146	Resp:	7024
Ion Ratio	Lower	Upper
146	100	
111	42.7	22.1 66.1
148	65.3	32.1 96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.240 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion: 75	Resp:	560
Ion Ratio	Lower	Upper
75	100	
155	75.7	66.8 100.2
157	110.2	83.8 125.8

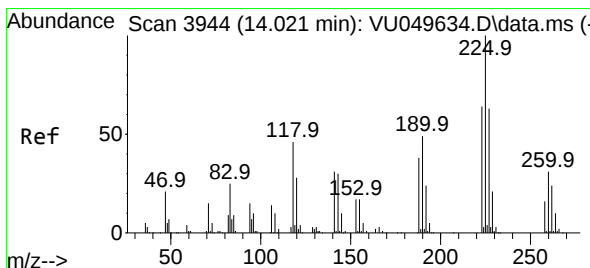
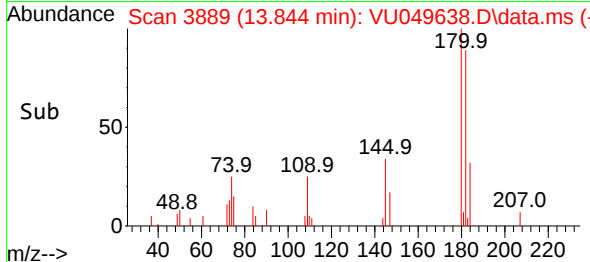
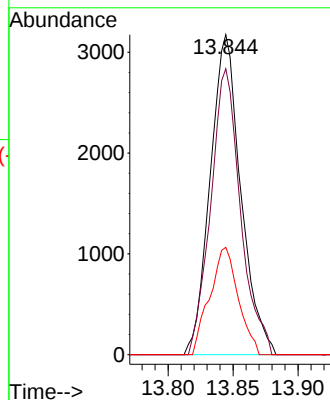
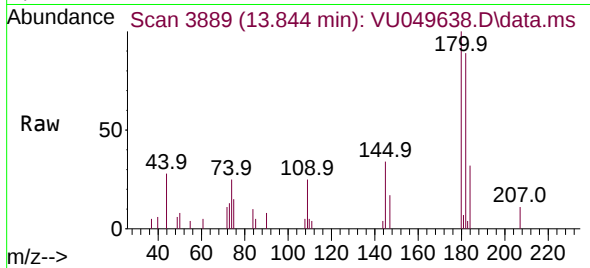




#87
1,2,4-Trichlorobenzene
Concen: 0.289 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

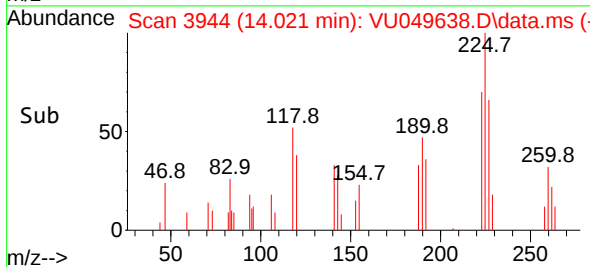
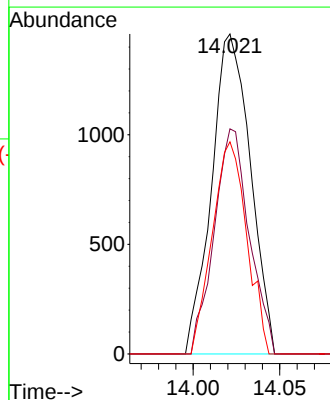
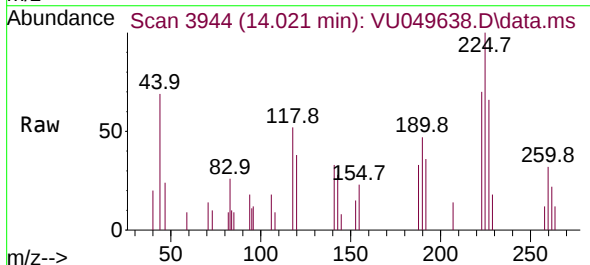
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

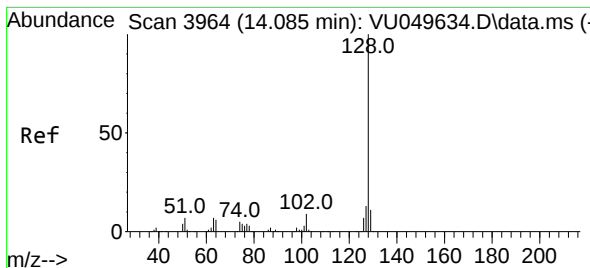
Tgt Ion:180 Resp: 5198
Ion Ratio Lower Upper
180 100
182 86.8 77.0 115.6
145 31.3 25.7 38.5



#88
Hexachlorobutadiene
Concen: 0.249 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049638.D
Acq: 06 Jul 2022 16:44

Tgt Ion:225 Resp: 2278
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 58.9 50.7 76.1





#89

Naphthalene

Concen: 0.344 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.007 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

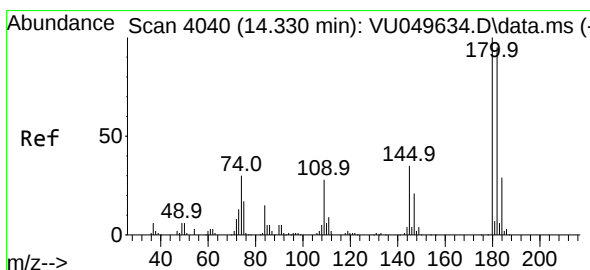
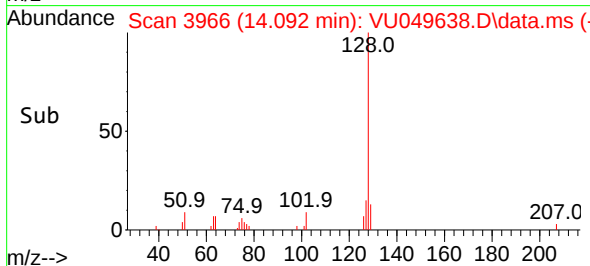
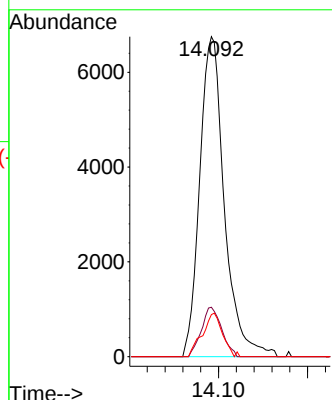
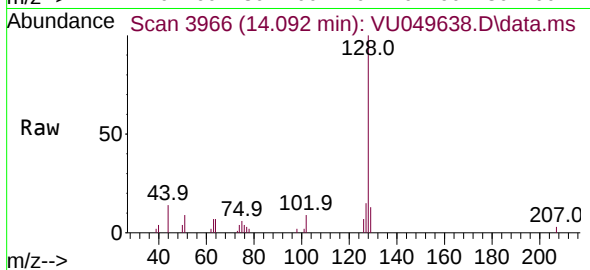
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion:128	Resp:	12971
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.1 15.1
129	11.1	8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 0.299 ug/l

RT: 14.333 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU049638.D

Acq: 06 Jul 2022 16:44

Tgt Ion:180	Resp:	5122
Ion Ratio	Lower	Upper
180	100	
182	91.2	76.6 114.8
145	31.3	27.3 40.9

