

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051441.D
 Acq On : 18 Oct 2022 14:51
 Operator : JC/MD
 Sample : N4955-08 0.5PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Oct 19 03:55:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 19 03:54:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	50557	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14520	0.819	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	17166	0.867	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	7187	0.407	ug/l	94
3) Chloromethane	1.533	50	13940	0.501	ug/l	99
4) Vinyl Chloride	1.604	62	10441	0.434	ug/l	98
5) Bromomethane	1.858	94	8326	0.620	ug/l	94
6) Chloroethane	1.932	64	7773	0.566	ug/l	96
7) Trichlorofluoromethane	2.137	101	13964	0.519	ug/l	91
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	7423	0.500	ug/l	98
9) 1,1-Dichloroethene	2.581	96	8037	0.518	ug/l	98
10) Iodomethane	2.723	142	9924	0.494	ug/l	93
11) Allyl Chloride	2.922	41	12307	0.520	ug/l	93
12) Acrylonitrile	3.317	53	5149	1.128	ug/l	98
13) Acetone	2.629	43	9265	2.818	ug/l	95
14) Carbon Disulfide	2.790	76	28943	0.523	ug/l	100
15) Methylene Chloride	3.044	84	20858	0.918	ug/l	95
16) trans-1,2-Dichloroethene	3.353	96	9069	0.510	ug/l	90
17) 1,1-Dichloroethane	3.867	63	16214	0.507	ug/l	96
18) 2-Butanone	4.726	43	8780	2.201	ug/l	97
19) Cyclohexane	5.385	56	7559	0.381	ug/l	90
20) Methylcyclohexane	6.758	83	8108	0.412	ug/l	91
21) 2,2-Dichloropropane	4.665	77	10644	0.477	ug/l	98
22) cis-1,2-Dichloroethene	4.665	96	8547	0.508	ug/l	96
23) Diethyl Ether	2.379	59	6283	0.464	ug/l	# 86
24) tert-Butyl Alcohol	3.202	59	6146	4.326	ug/l	100
25) Methyl tert-Butyl Ether	3.369	73	20651	0.512	ug/l	# 79
26) Bromochloromethane	4.977	128	4095	0.499	ug/l	97
27) Chloroform	5.089	83	16015	0.494	ug/l	98
28) 1,1,1-Trichloroethane	5.317	97	13204	0.511	ug/l	97
29) 1,1-Dichloropropene	5.526	75	8420	0.425	ug/l	98
30) Carbon Tetrachloride	5.523	117	10375	0.476	ug/l	86
31) Isopropyl Ether	4.005	45	18577	0.491	ug/l	89
32) Ethyl-t-butyl ether	4.510	59	15840	0.458	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	12067	0.398	ug/l	97
34) Propionitrile	4.790	54	3385	2.524	ug/l	# 67
35) Benzene	5.774	78	31283	0.471	ug/l	93
36) 1,2-Dichloroethane	5.800	62	10305	0.503	ug/l	# 86
37) Trichloroethene	6.542	130	7384	0.473	ug/l	82
38) 1,2-Dichloropropane	6.796	63	8325	0.457	ug/l	97
39) Methacrylonitrile	4.993	41	2237	0.488	ug/l	# 66
40) Methyl acrylate	4.864	55	3059	0.419	ug/l	# 71
41) Tetrahydrofuran	5.067	42	1326	0.551	ug/l	# 78
42) 1-Chlorobutane	5.462	56	11705	0.433	ug/l	86
43) Dibromomethane	6.919	93	4327	0.457	ug/l	95
44) Bromodichloromethane	7.105	83	10956	0.478	ug/l	95

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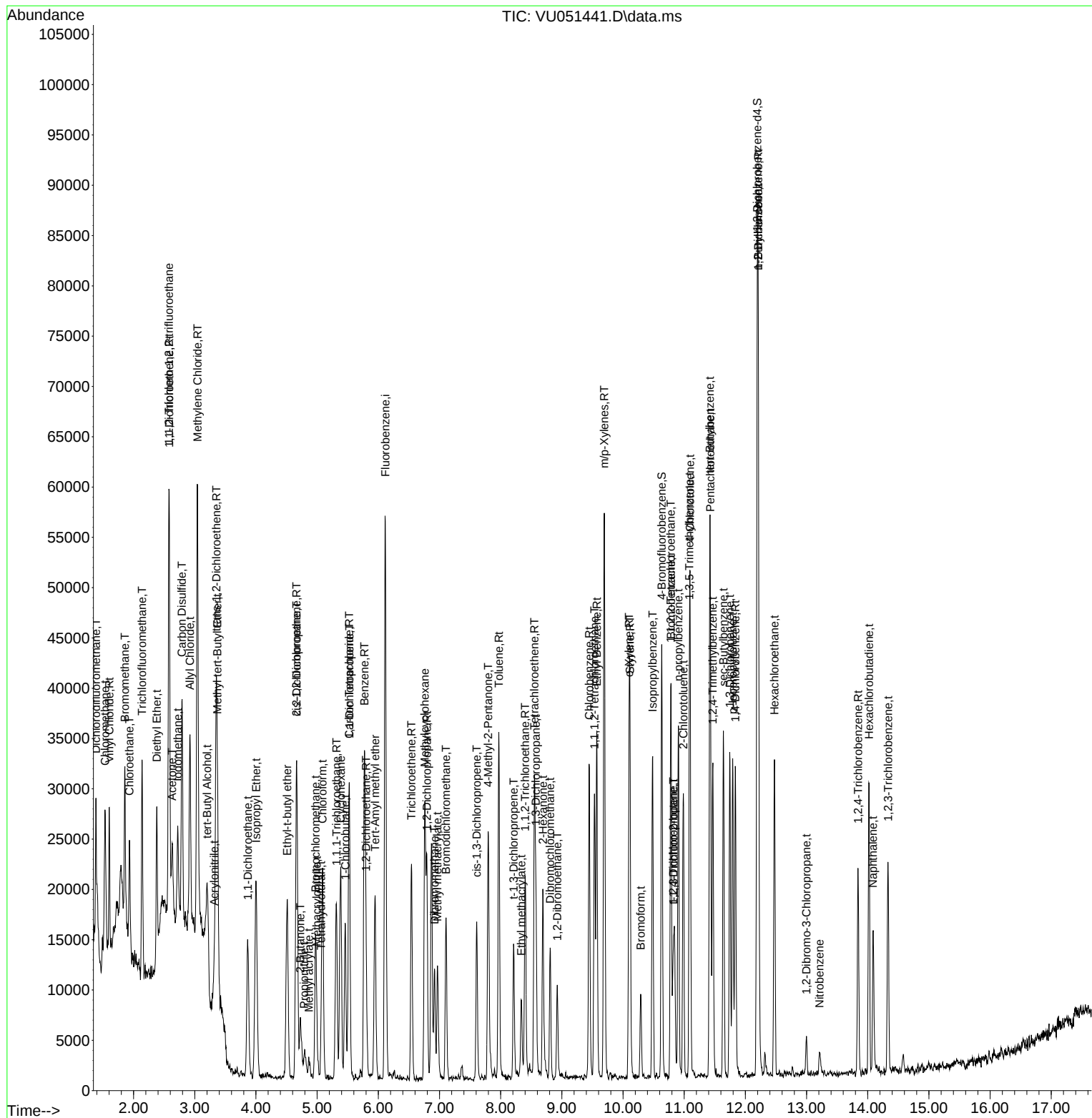
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	17249	1.915	ug/l	95
46) t-1,4-Dichloro-2-butene	10.822	75	8737	1.738	ug/l #	52
47) Methyl methacrylate	6.967	69	5610	0.775	ug/l	94
48) Ethyl methacrylate	8.340	69	4477	0.369	ug/l	93
49) Toluene	7.970	92	13814	0.379	ug/l	90
50) t-1,3-Dichloropropene	8.211	75	7769	0.422	ug/l	92
51) cis-1,3-Dichloropropene	7.610	75	9021	0.416	ug/l	96
52) 1,1,2-Trichloroethane	8.401	97	6374	0.472	ug/l	96
53) 1,3-Dichloropropane	8.574	76	10277	0.472	ug/l	92
54) 2-Hexanone	8.690	43	11589	1.871	ug/l	95
55) Dibromochloromethane	8.809	129	6919	0.471	ug/l	94
56) 1,2-Dibromoethane	8.925	107	5412	0.456	ug/l	97
58) Tetrachloroethene	8.552	164	6383	0.470	ug/l	95
59) Chlorobenzene	9.446	112	17643	0.441	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	7657	0.499	ug/l	97
61) Pentachloroethane	11.426	117	6469	0.474	ug/l	100
62) Hexachloroethane	12.475	117	6042	0.466	ug/l	99
63) Ethyl Benzene	9.571	91	22489	0.371	ug/l	100
64) m/p-Xylenes	9.693	106	15939	0.659	ug/l	98
65) o-Xylene	10.099	106	7756	0.330	ug/l	88
66) Styrene	10.115	104	12316	0.316	ug/l	97
67) Bromoform	10.288	173	3924	0.476	ug/l #	99
69) Isopropylbenzene	10.484	105	19129	0.330	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.780	83	8183	0.448	ug/l	97
71) 1,2,3-Trichloropropane	10.822	75	8737	0.644	ug/l	61
72) Bromobenzene	10.783	156	6631	0.417	ug/l	94
73) n-propylbenzene	10.906	120	4990	0.306	ug/l	89
74) 2-Chlorotoluene	10.986	126	5341	0.345	ug/l	95
75) 1,3,5-Trimethylbenzene	11.086	105	15998	0.305	ug/l	98
76) 4-Chlorotoluene	11.095	126	5259	0.332	ug/l	85
77) tert-Butylbenzene	11.420	119	18544	0.362	ug/l	94
78) 1,2,4-Trimethylbenzene	11.465	105	16258	0.298	ug/l	96
79) sec-Butylbenzene	11.642	105	21304	0.314	ug/l	97
80) Nitrobenzene	13.211	77	2008	2.219	ug/l #	89
81) p-Isopropyltoluene	11.793	119	16180	0.298	ug/l	95
82) 1,3-Dichlorobenzene	11.745	146	13479	0.394	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	13331	0.398	ug/l	97
84) n-Butylbenzene	12.211	91	16830	0.312	ug/l	95
85) 1,2-Dichlorobenzene	12.211	146	12910	0.383	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	1180	0.413	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	6538	0.358	ug/l	89
88) Hexachlorobutadiene	14.021	225	5576	0.469	ug/l	98
89) Naphthalene	14.085	128	12615	0.330	ug/l	95
90) 1,2,3-Trichlorobenzene	14.333	180	7289	0.365	ug/l	98

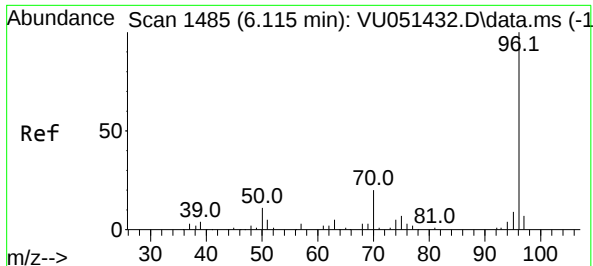
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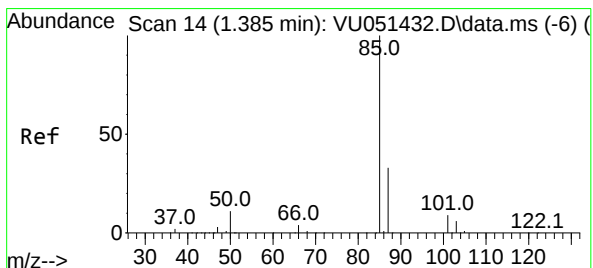
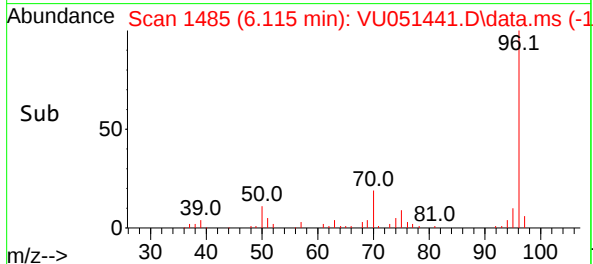
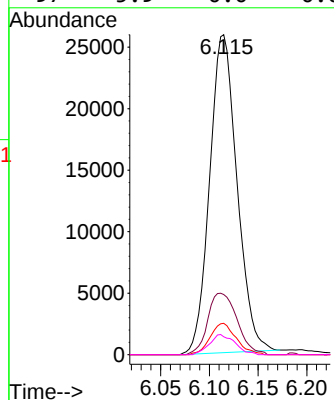
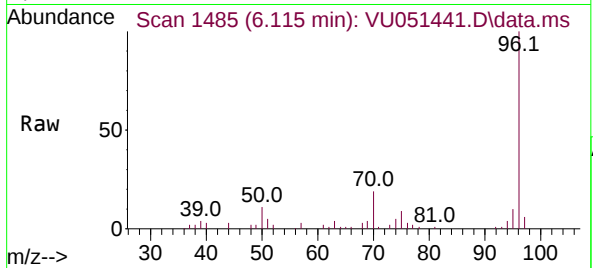




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051441.D
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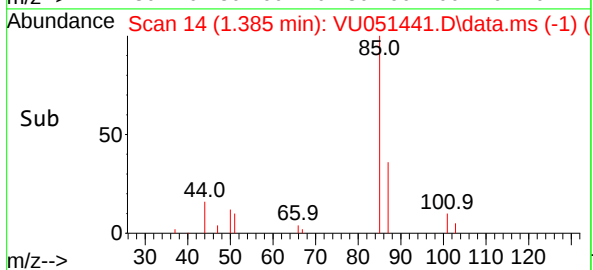
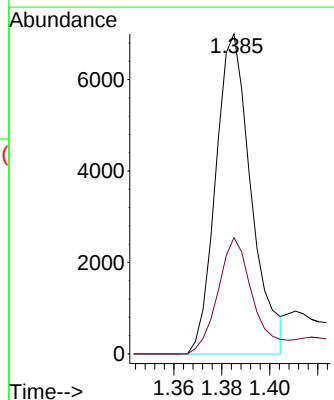
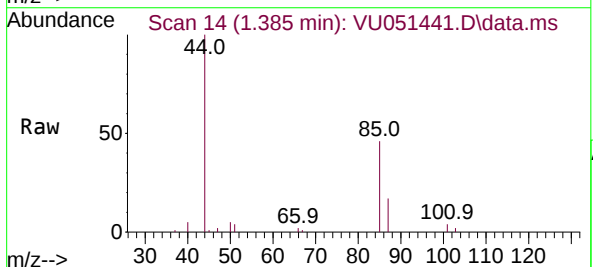
Instrument :
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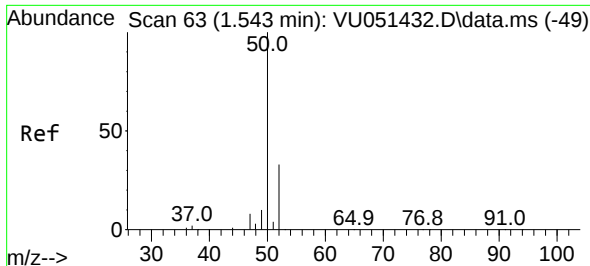
Tgt Ion: 96	Resp: 50557
Ion Ratio	Lower Upper
96 100	
70 20.7	16.7 25.1
95 9.4	7.5 11.3
97 5.9	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.407 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 85	Resp: 7187
Ion Ratio	Lower Upper
85 100	
87 36.3	16.4 49.4

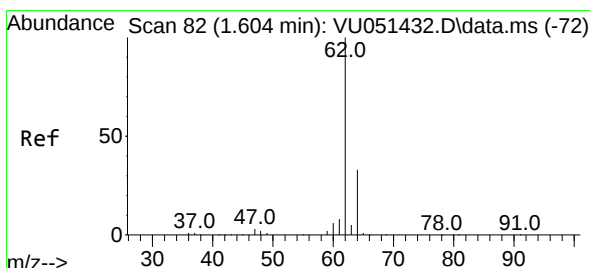
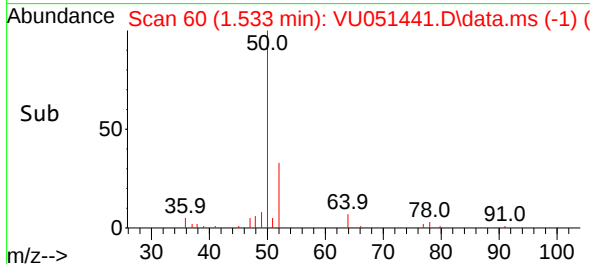
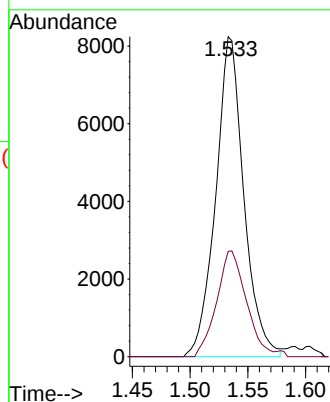
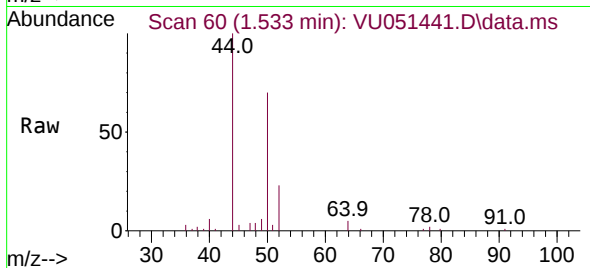




#3
Chloromethane
Concen: 0.501 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

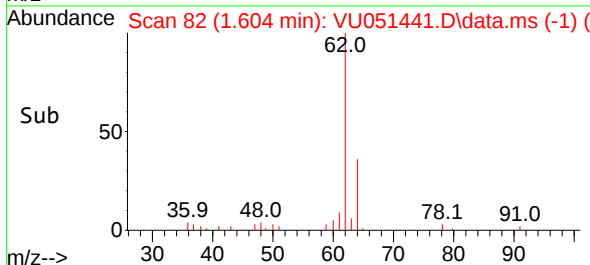
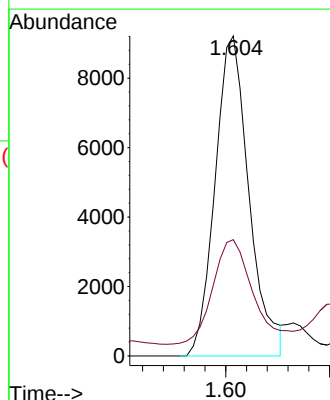
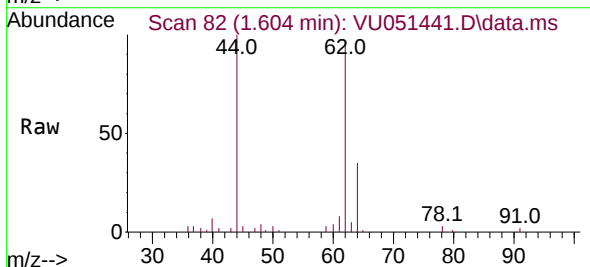
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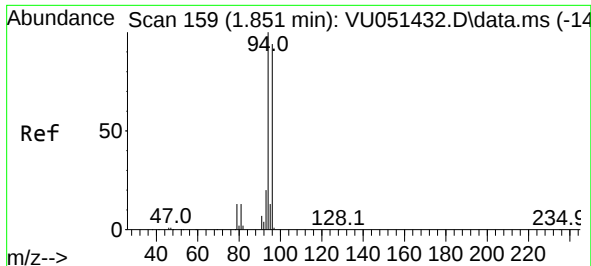
Tgt Ion: 50 Resp: 13940
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 0.434 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 62 Resp: 10441
Ion Ratio Lower Upper
62 100
64 32.4 26.7 40.1

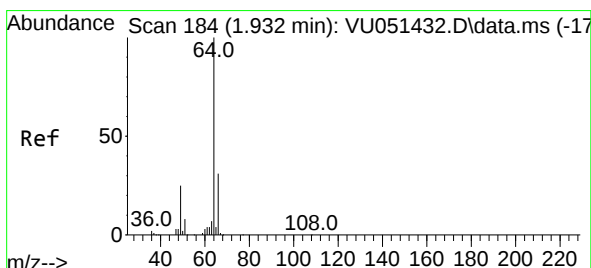
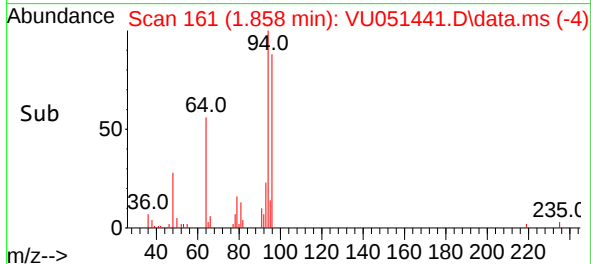
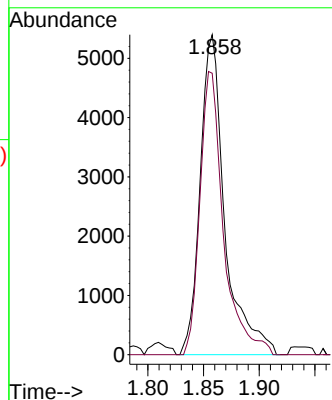
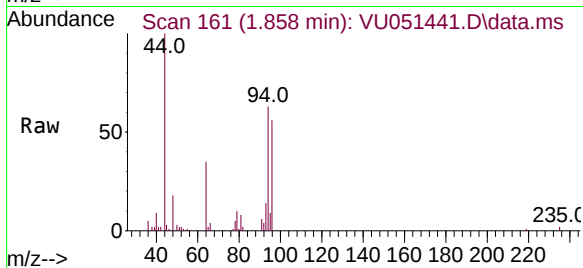




#5
Bromomethane
Concen: 0.620 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

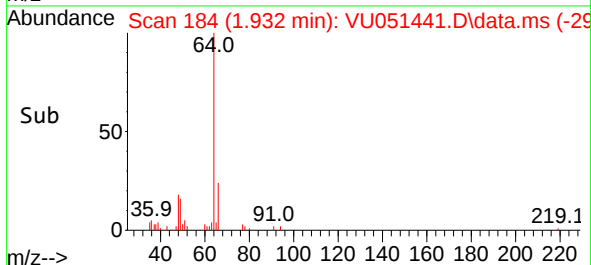
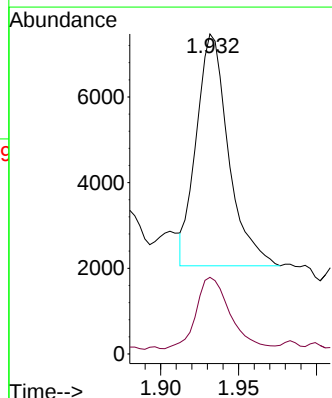
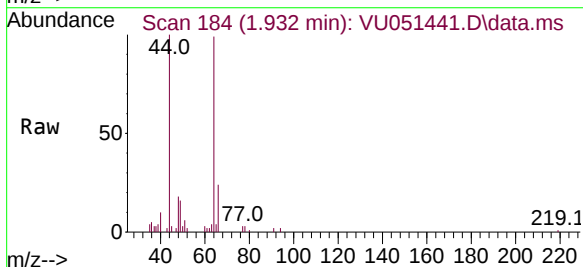
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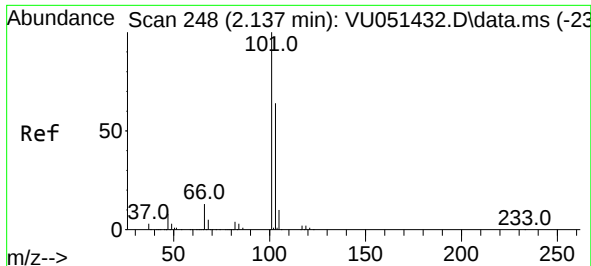
Tgt Ion: 94 Resp: 8326
Ion Ratio Lower Upper
94 100
96 87.9 74.8 112.2



#6
Chloroethane
Concen: 0.566 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051441.D
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Tgt Ion: 64 Resp: 7773
Ion Ratio Lower Upper
64 100
66 29.3 25.2 37.8

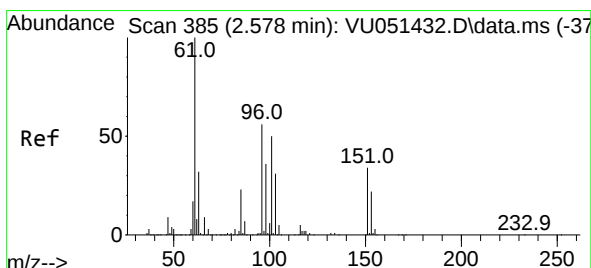
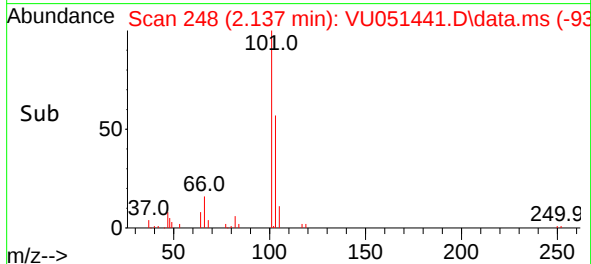
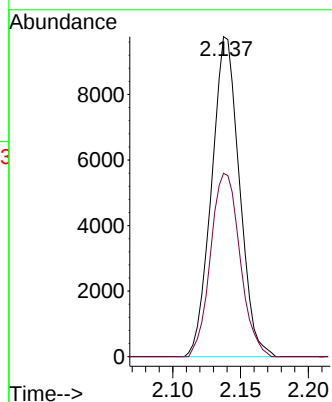
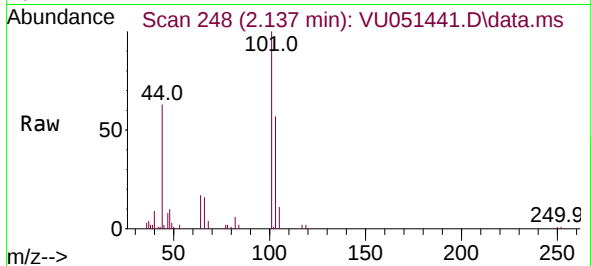




#7
 Trichlorofluoromethane
 Concen: 0.519 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
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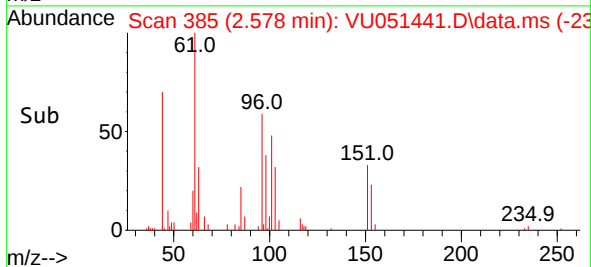
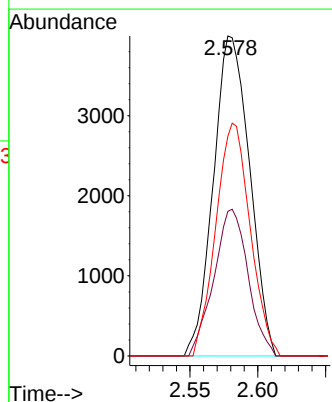
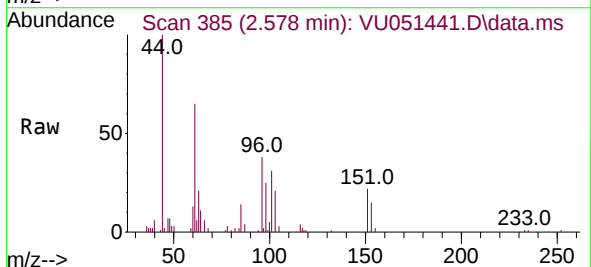
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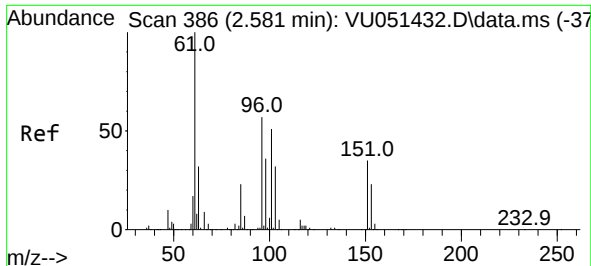
Tgt Ion:101 Resp: 13964
 Ion Ratio Lower Upper
 101 100
 103 57.3 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.500 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051441.D
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Tgt Ion:101 Resp: 7423
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.6 54.8
 151 69.0 54.6 81.8

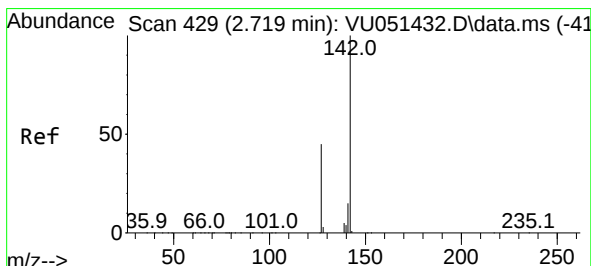
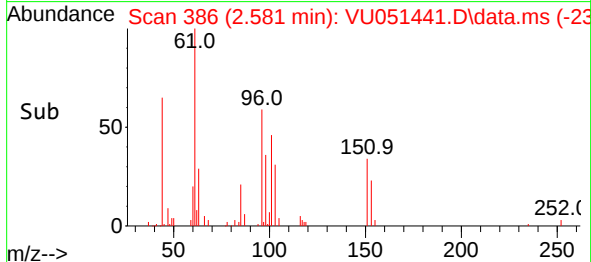
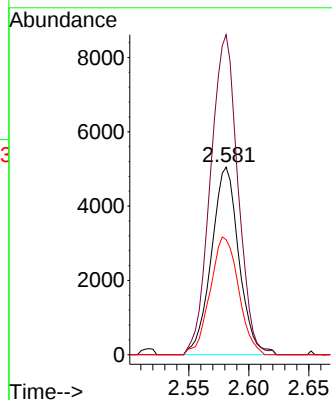
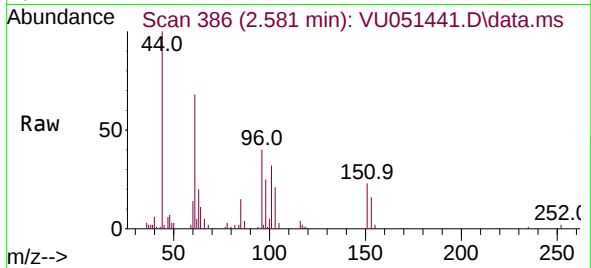




#9
1,1-Dichloroethene
Concen: 0.518 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU051441.D
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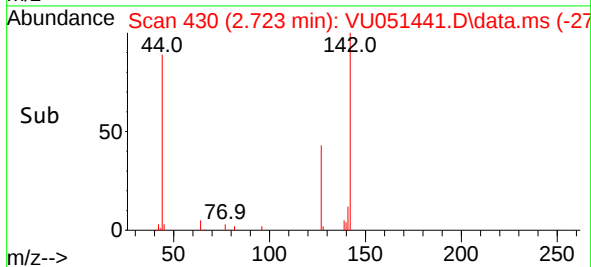
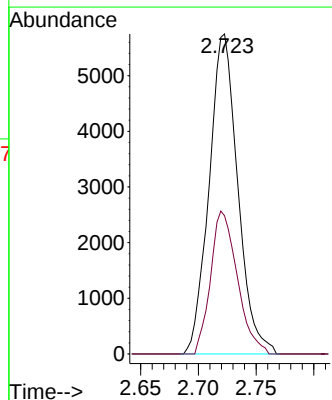
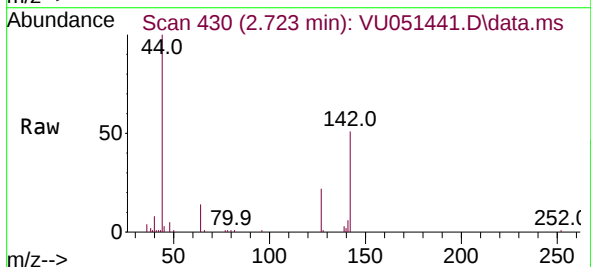
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ClientSampleId : LOQ-WATER-02-QT4-2022

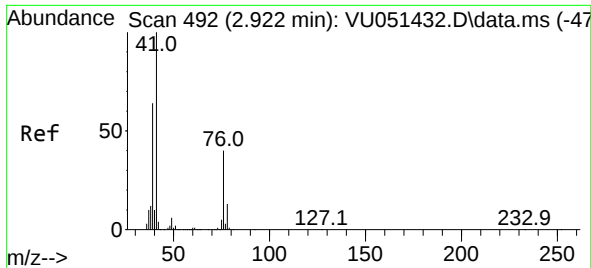
Tgt Ion: 96 Resp: 8037
Ion Ratio Lower Upper
96 100
61 170.6 0.0 522.3
98 61.3 0.0 126.6



#10
Iodomethane
Concen: 0.494 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 142 Resp: 9924
Ion Ratio Lower Upper
142 100
127 41.6 37.0 55.4

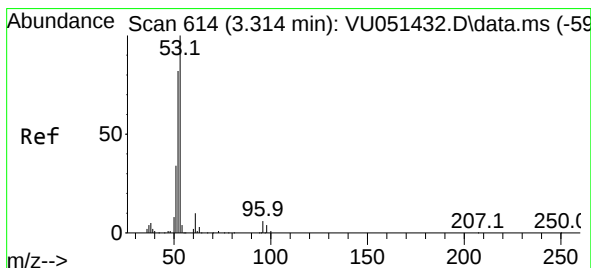
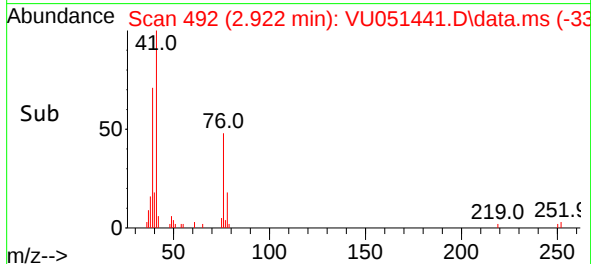
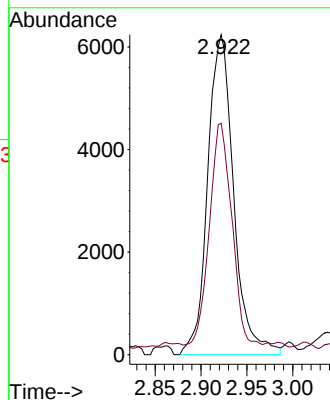
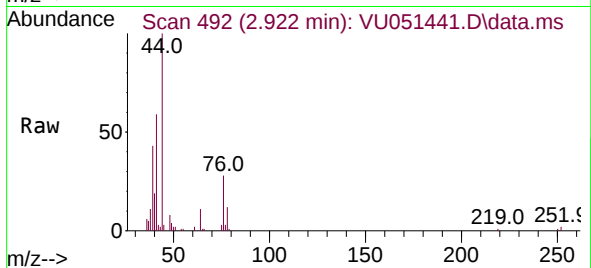




#11
 Allyl Chloride
 Concen: 0.520 ug/l
 RT: 2.922 min Scan# 491
 Delta R.T. -0.000 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

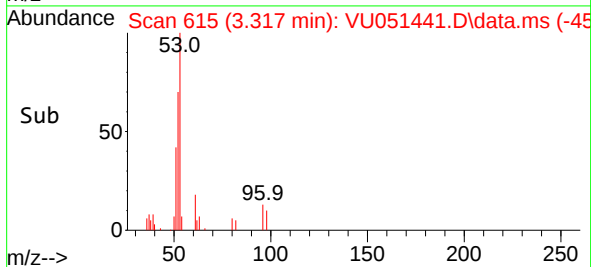
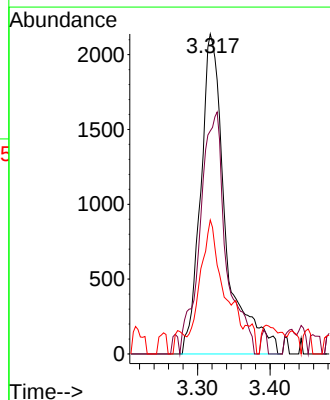
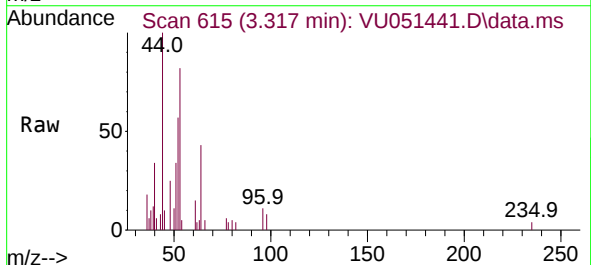
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

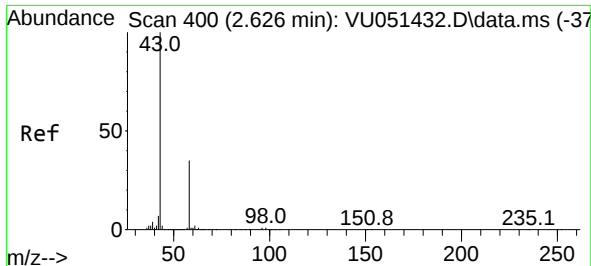
Tgt Ion: 41 Resp: 12307
 Ion Ratio Lower Upper
 41 100
 39 58.9 51.4 77.0



#12
 Acrylonitrile
 Concen: 1.128 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. 0.003 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

Tgt Ion: 53 Resp: 5149
 Ion Ratio Lower Upper
 53 100
 52 78.2 63.9 95.9
 51 33.8 25.9 38.9

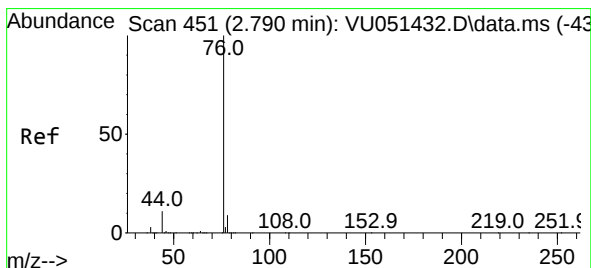
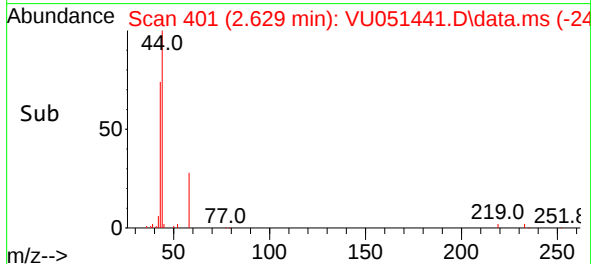
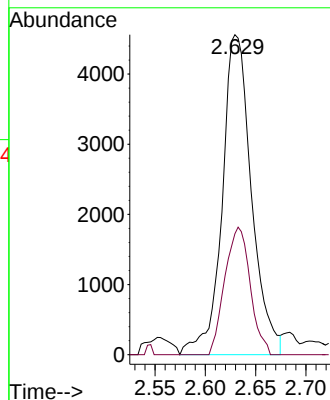
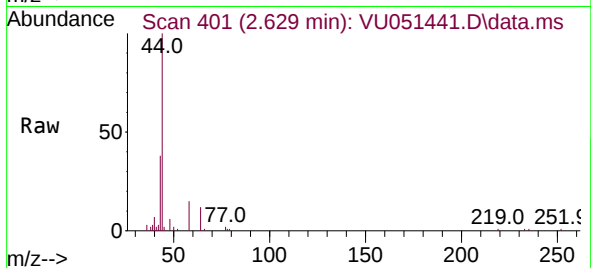




#13
Acetone
Concen: 2.818 ug/l
RT: 2.629 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

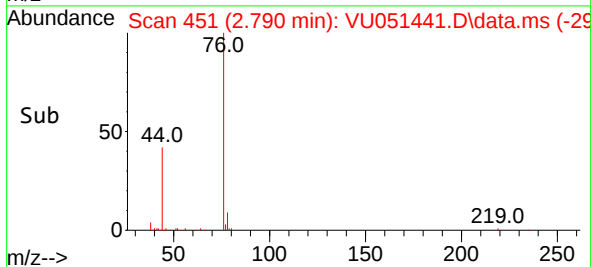
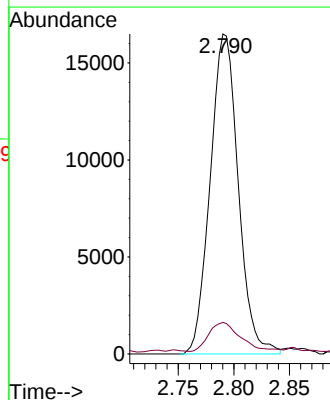
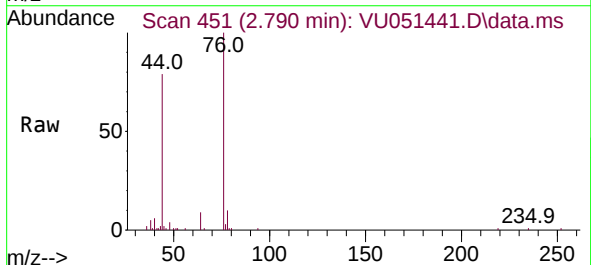
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

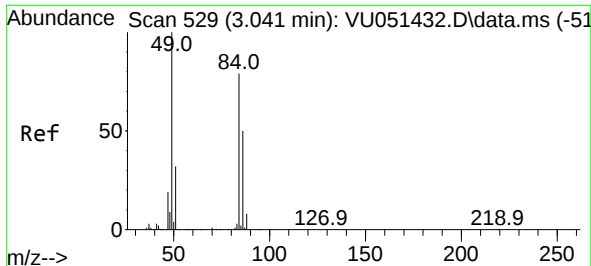
Tgt Ion: 43 Resp: 9265
Ion Ratio Lower Upper
43 100
58 37.8 27.9 41.9



#14
Carbon Disulfide
Concen: 0.523 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 76 Resp: 28943
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

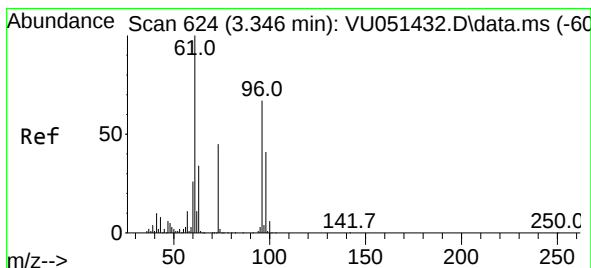
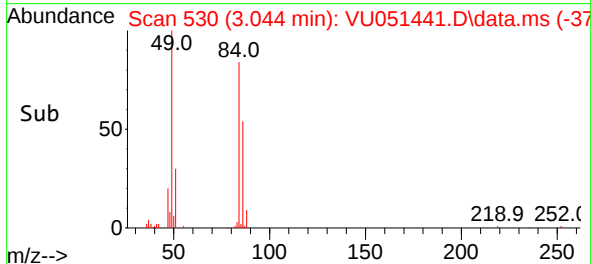
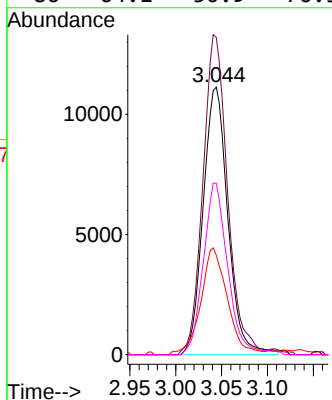
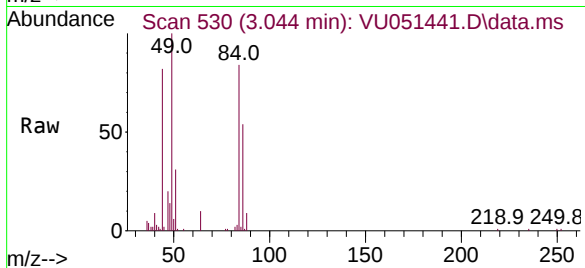




#15
Methylene Chloride
Concen: 0.918 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

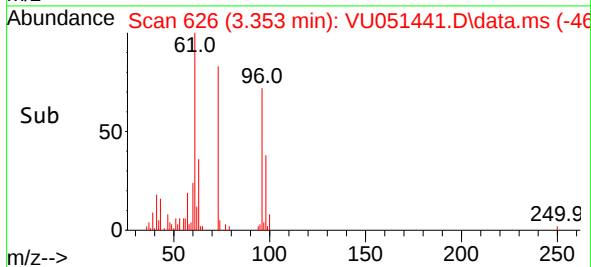
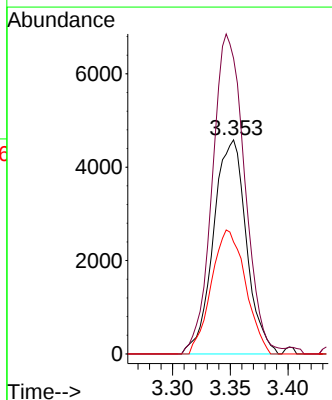
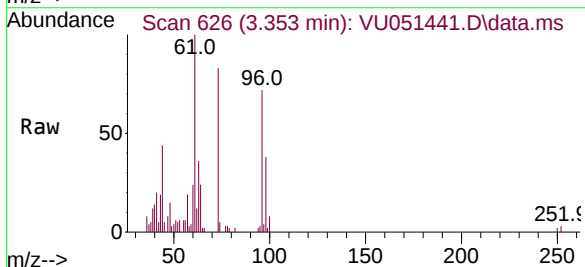
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

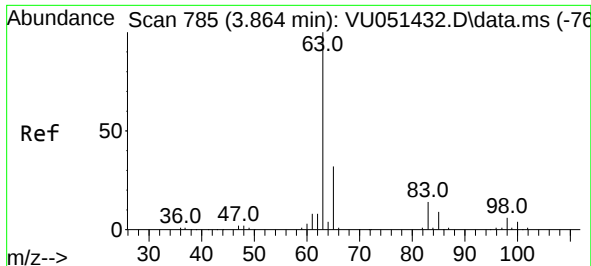
Tgt Ion:	84	Resp:	20858
Ion	Ratio	Lower	Upper
84	100		
49	118.6	101.1	151.7
51	35.9	0.0	80.2
86	64.1	50.9	76.3



#16
trans-1,2-Dichloroethene
Concen: 0.510 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.006 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:	96	Resp:	9069
Ion	Ratio	Lower	Upper
96	100		
61	138.1	119.9	179.9
98	52.3	49.5	74.3

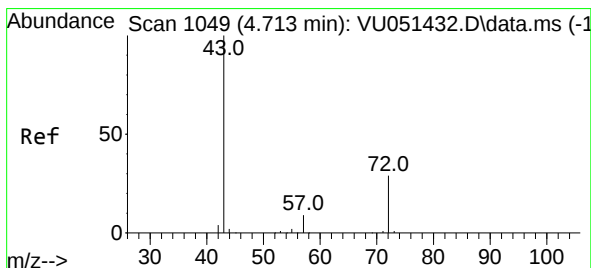
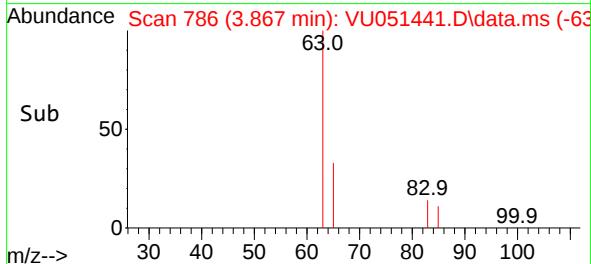
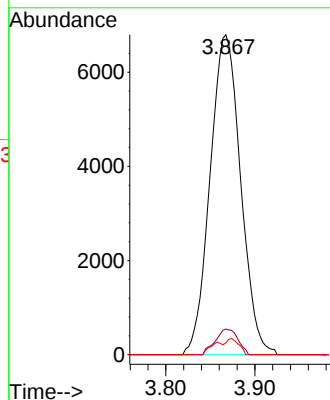
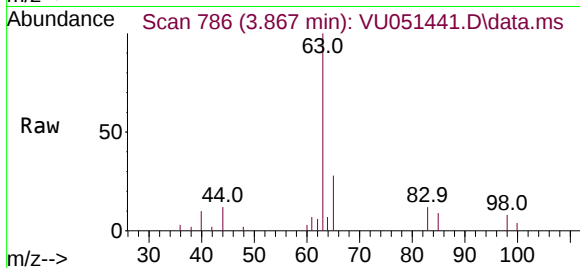




#17
1,1-Dichloroethane
Concen: 0.507 ug/l
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

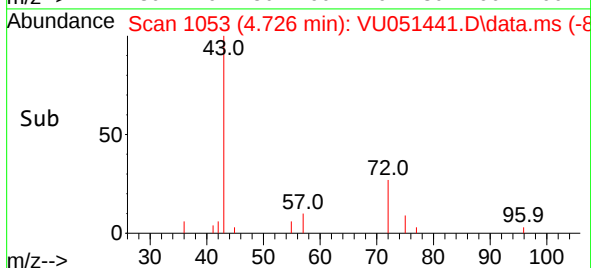
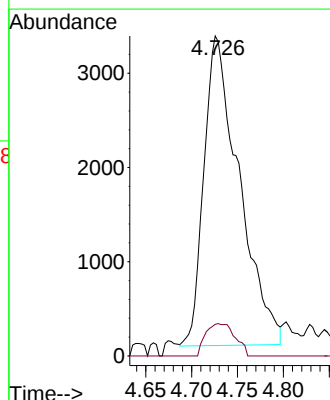
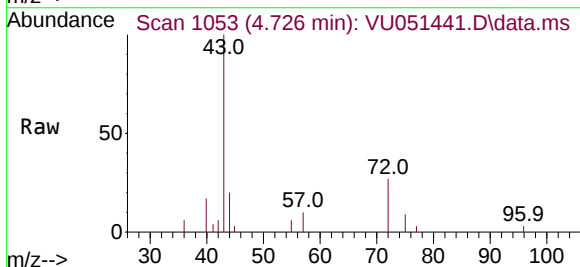
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

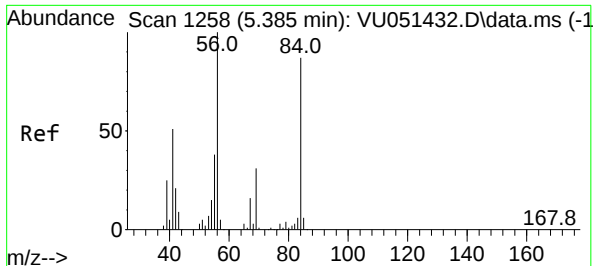
Tgt Ion: 63 Resp: 16214
Ion Ratio Lower Upper
63 100
98 8.0 3.1 9.3
100 3.6 2.1 6.3



#18
2-Butanone
Concen: 2.201 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 43 Resp: 8780
Ion Ratio Lower Upper
43 100
57 10.3 0.0 18.2





#19

Cyclohexane

Concen: 0.381 ug/l

RT: 5.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

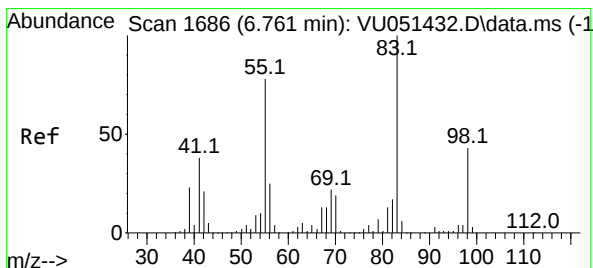
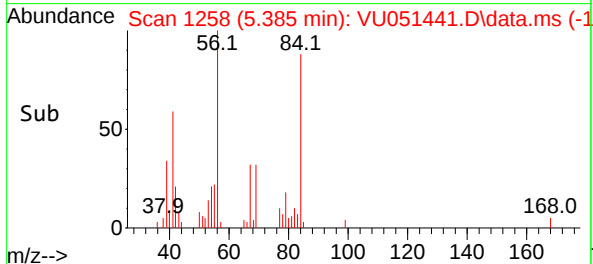
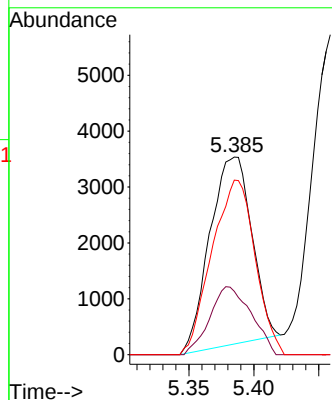
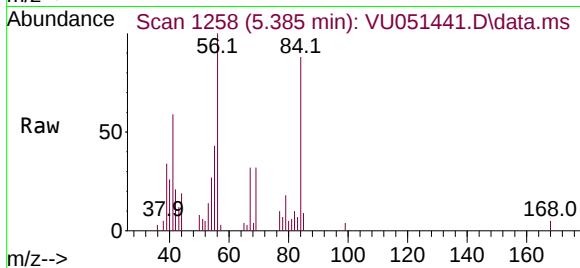
Tgt Ion: 56 Resp: 7559

Ion Ratio Lower Upper

56 100

69 35.7 25.0 37.4

84 95.4 68.5 102.7



#20

Methylcyclohexane

Concen: 0.412 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

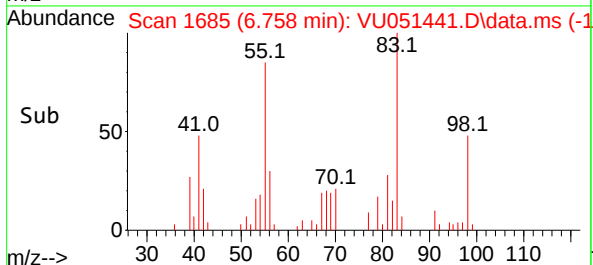
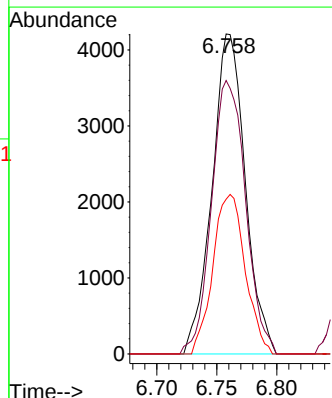
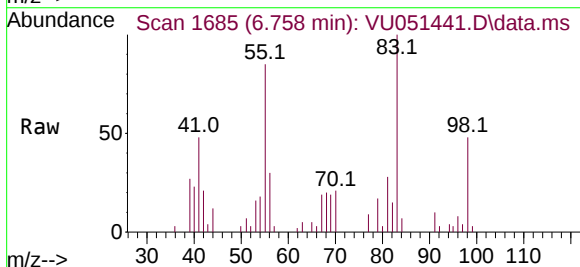
Tgt Ion: 83 Resp: 8108

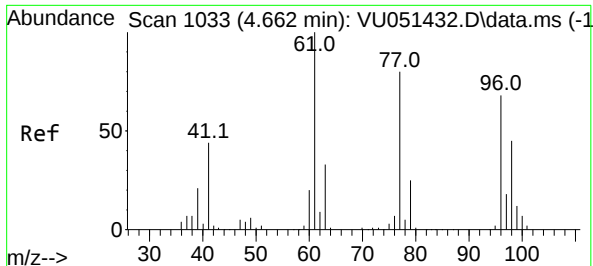
Ion Ratio Lower Upper

83 100

55 87.7 62.4 93.6

98 48.6 35.5 53.3





#21

2,2-Dichloropropane

Concen: 0.477 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

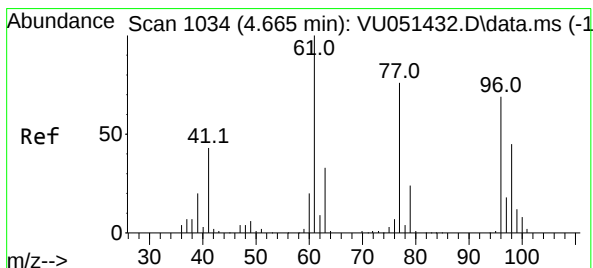
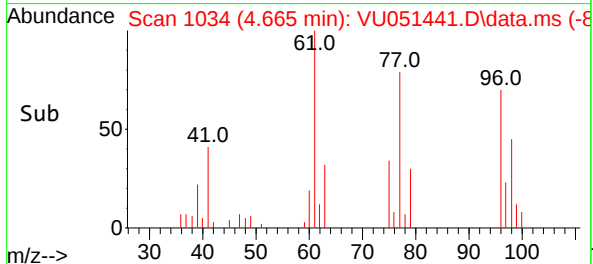
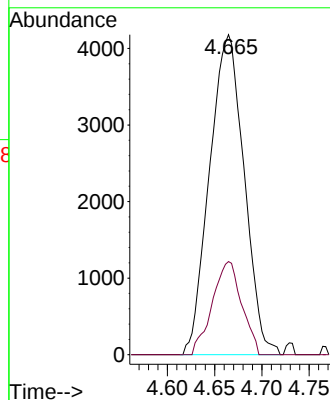
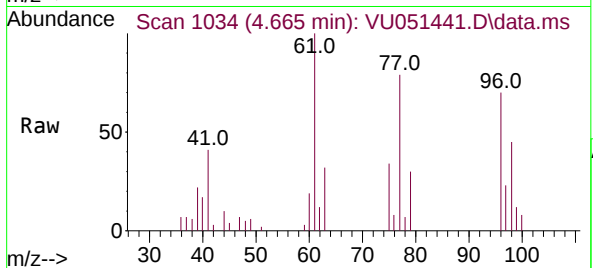
LOQ-WATER-02-QT4-2022

Tgt Ion: 77 Resp: 10644

Ion Ratio Lower Upper

77 100

97 24.7 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 0.508 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

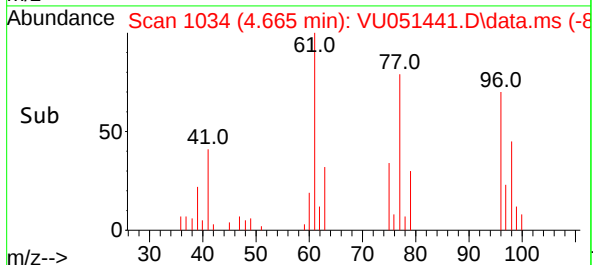
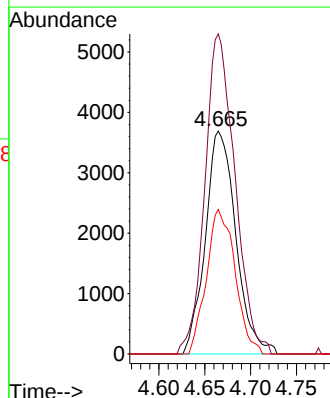
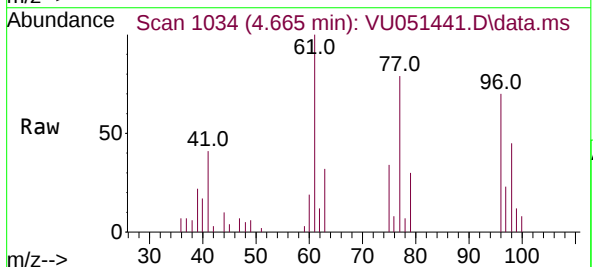
Tgt Ion: 96 Resp: 8547

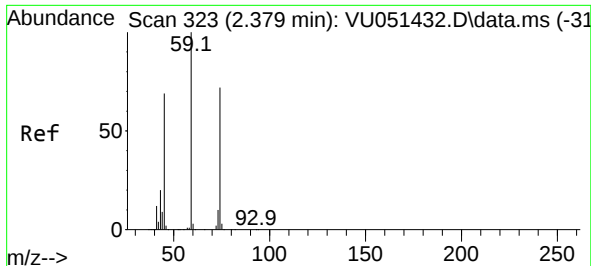
Ion Ratio Lower Upper

96 100

61 141.5 0.0 362.8

98 60.9 32.5 97.5

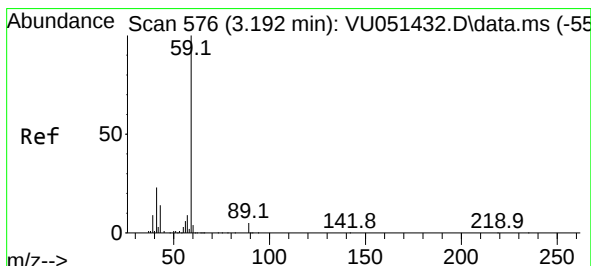
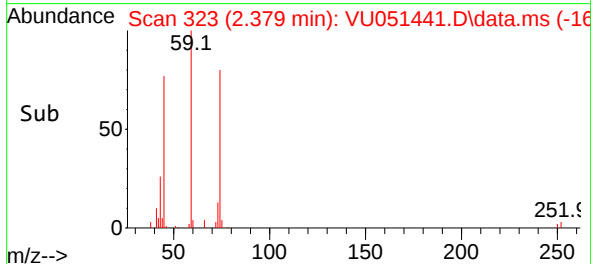
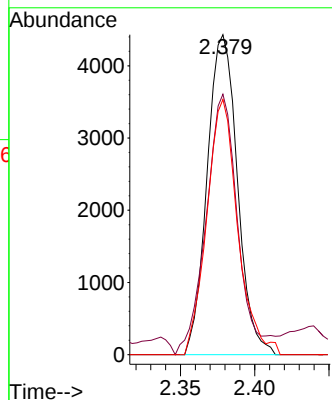
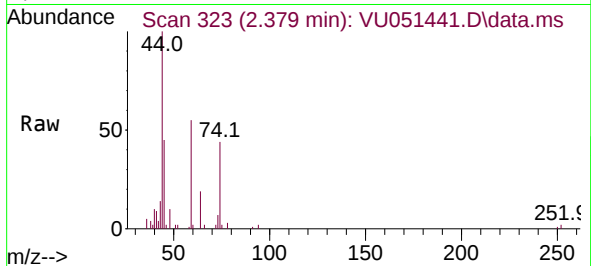




#23
Diethyl Ether
Concen: 0.464 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

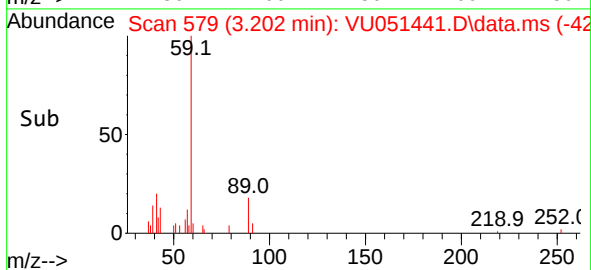
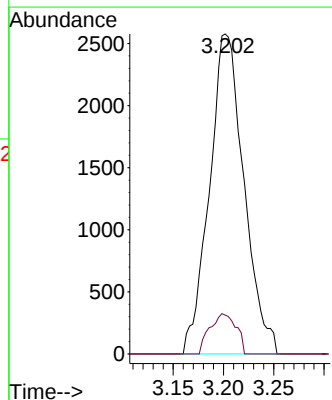
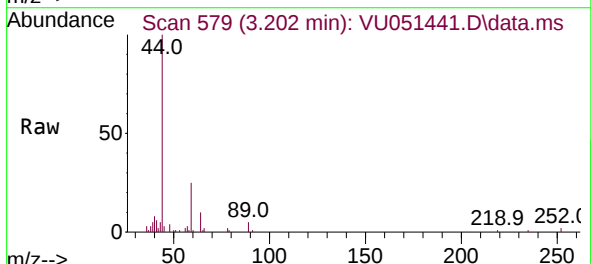
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

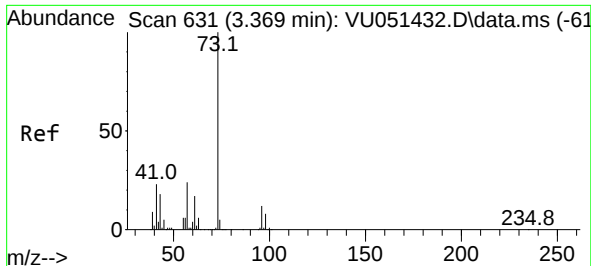
Tgt Ion: 59 Resp: 6283
Ion Ratio Lower Upper
59 100
45 83.9 55.7 83.5#
74 81.3 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 4.326 ug/l
RT: 3.202 min Scan# 579
Delta R.T. 0.010 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 59 Resp: 6146
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8

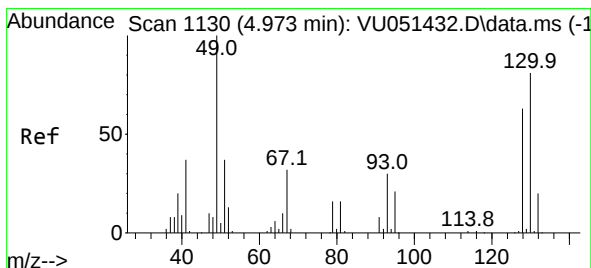
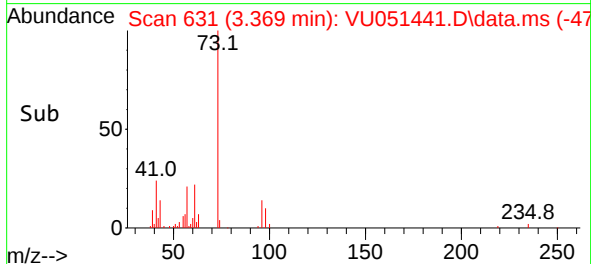
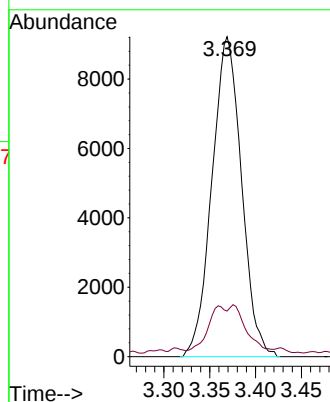
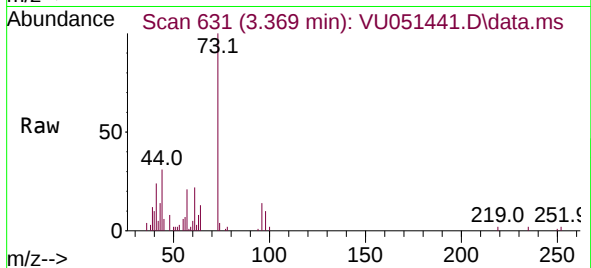




#25
Methyl tert-Butyl Ether
Concen: 0.512 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

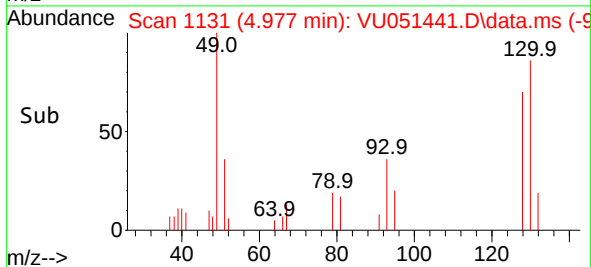
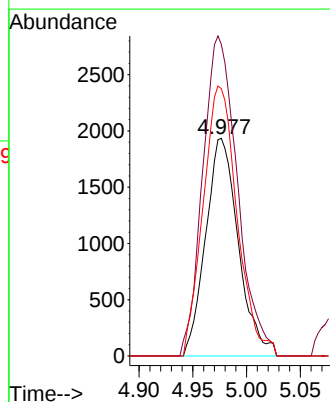
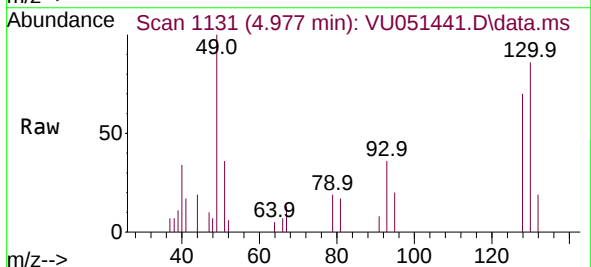
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

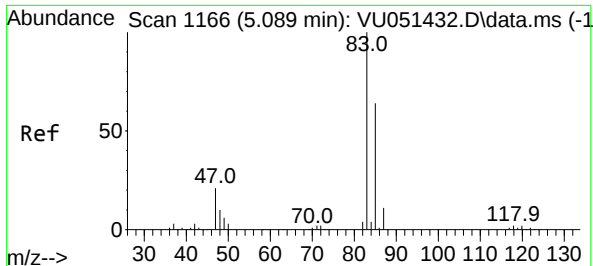
Tgt Ion: 73 Resp: 20651
Ion Ratio Lower Upper
73 100
43 8.8 14.2 21.4#



#26
Bromochloromethane
Concen: 0.499 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 128 Resp: 4095
Ion Ratio Lower Upper
128 100
49 155.8 0.0 320.4
130 128.8 105.0 157.6





#27

Chloroform

Concen: 0.494 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

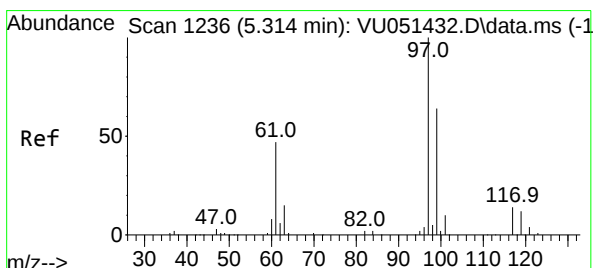
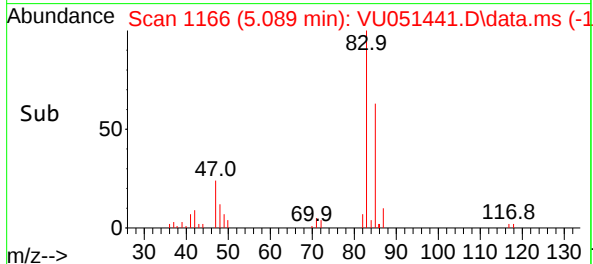
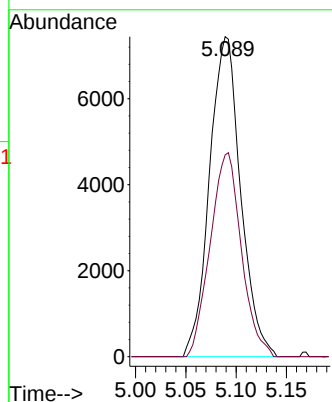
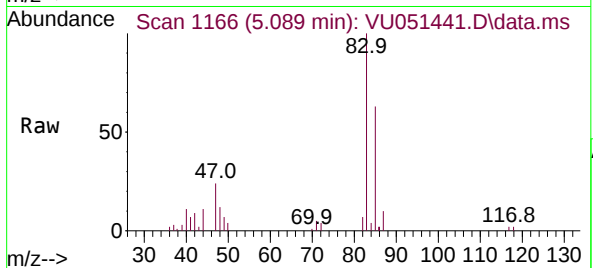
LOQ-WATER-02-QT4-2022

Tgt Ion: 83 Resp: 16015

Ion Ratio Lower Upper

83 100

85 63.1 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 0.511 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

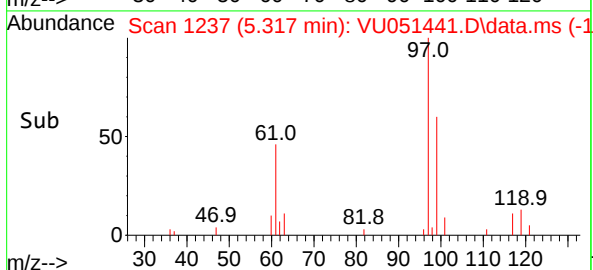
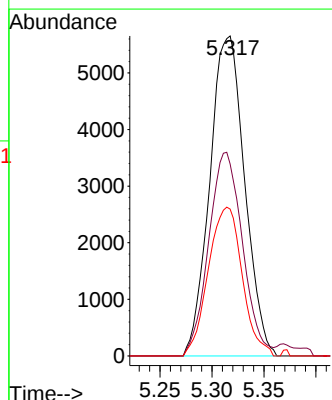
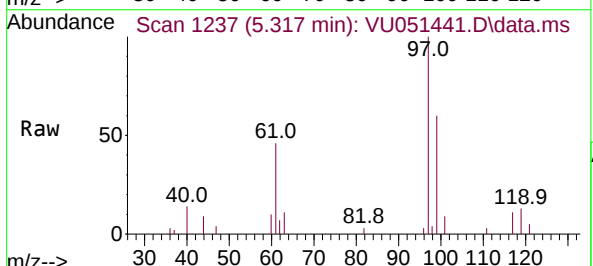
Tgt Ion: 97 Resp: 13204

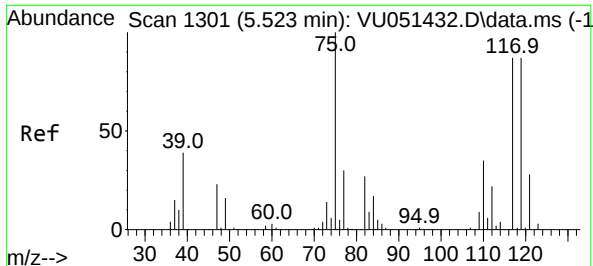
Ion Ratio Lower Upper

97 100

99 61.7 31.8 95.4

61 45.2 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.425 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

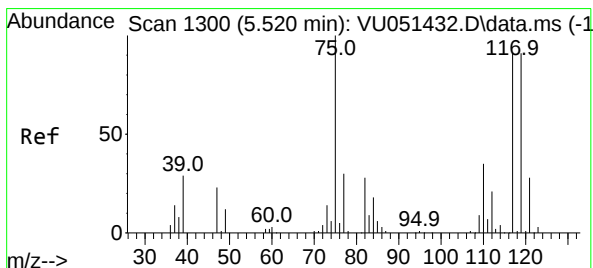
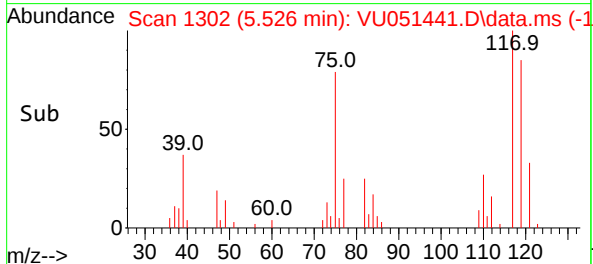
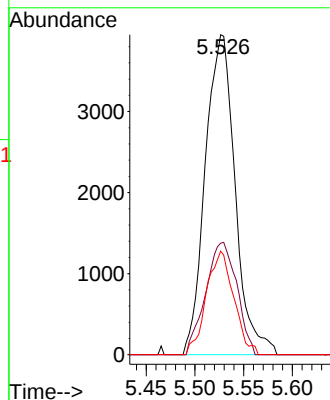
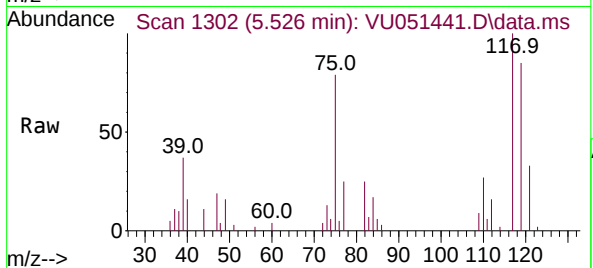
Tgt Ion: 75 Resp: 8420

Ion Ratio Lower Upper

75 100

110 36.6 17.8 53.3

77 29.7 24.2 36.4



#30

Carbon Tetrachloride

Concen: 0.476 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

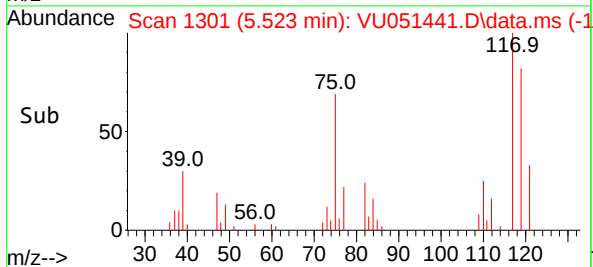
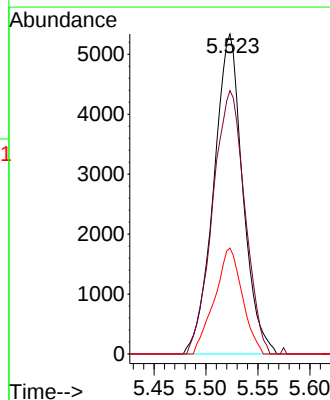
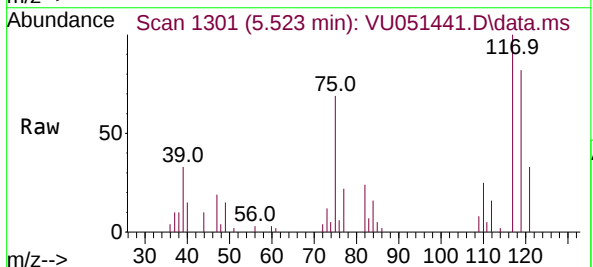
Tgt Ion: 117 Resp: 10375

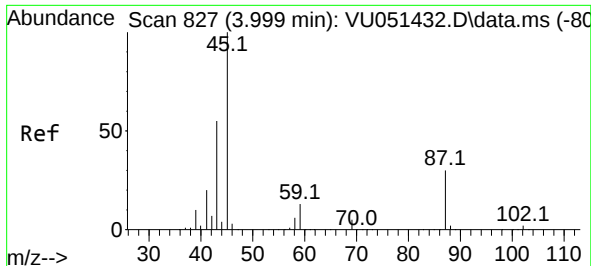
Ion Ratio Lower Upper

117 100

119 82.3 80.0 120.0

121 33.1 24.9 37.3

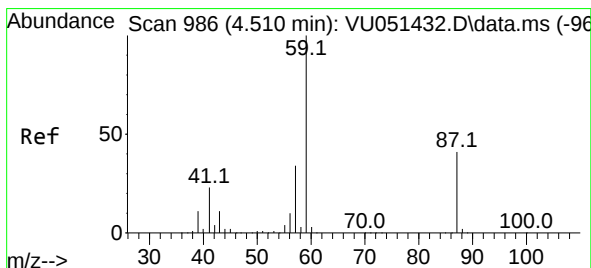
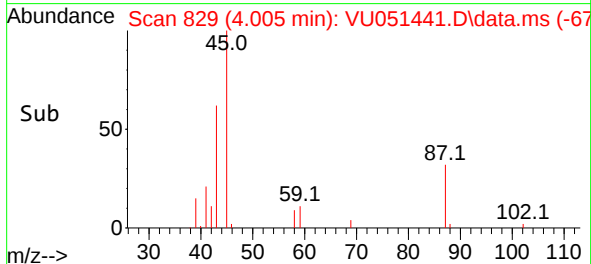
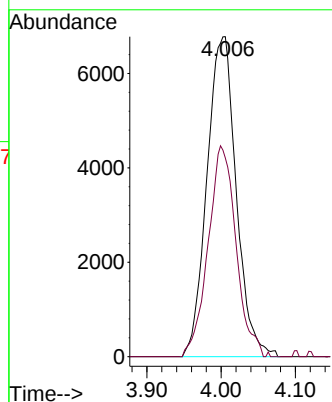
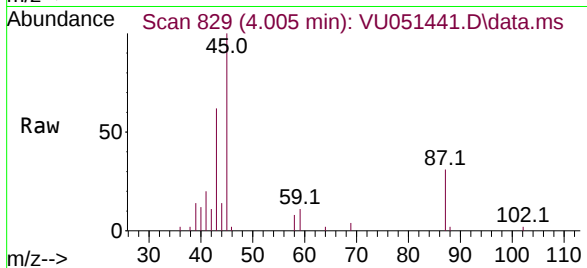




#31
Isopropyl Ether
Concen: 0.491 ug/l
RT: 4.005 min Scan# 829
Delta R.T. 0.006 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

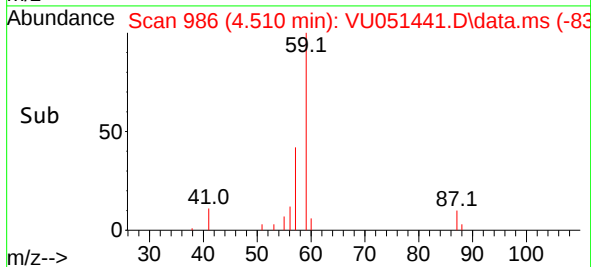
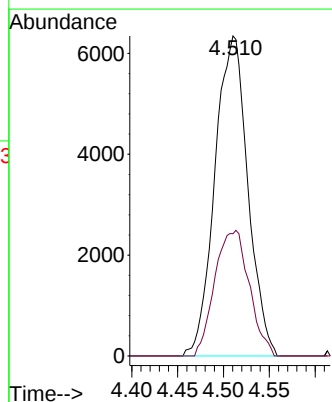
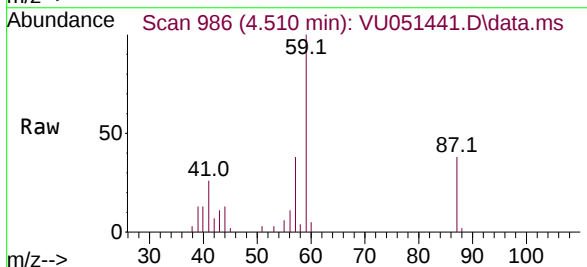
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

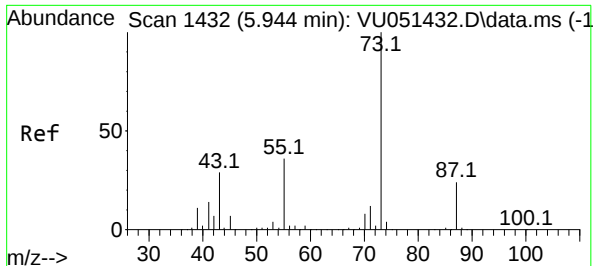
Tgt Ion: 45 Resp: 18577
Ion Ratio Lower Upper
45 100
43 62.8 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 0.458 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 59 Resp: 15840
Ion Ratio Lower Upper
59 100
87 41.1 33.8 50.8





#33

Tert-Amyl methyl ether

Concen: 0.398 ug/l

RT: 5.948 min Scan# 1432

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

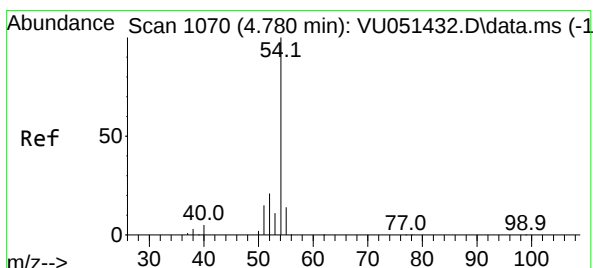
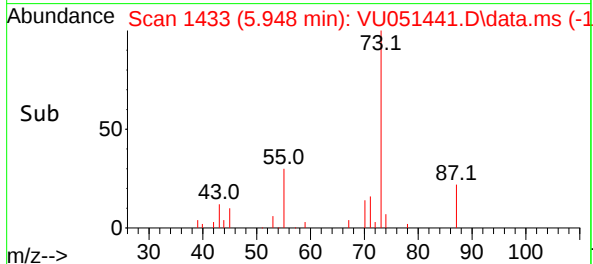
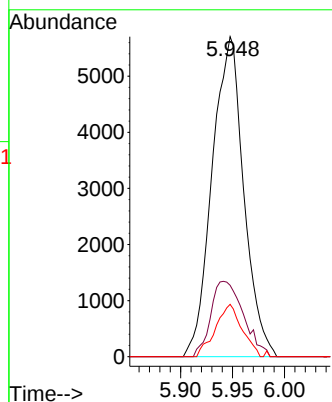
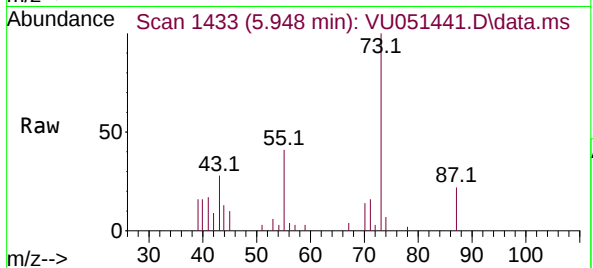
Tgt Ion: 73 Resp: 12067

Ion Ratio Lower Upper

73 100

87 24.3 18.9 28.3

71 13.7 9.4 14.2



#34

Propionitrile

Concen: 2.524 ug/l

RT: 4.790 min Scan# 1073

Delta R.T. 0.010 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Tgt Ion: 54 Resp: 3385

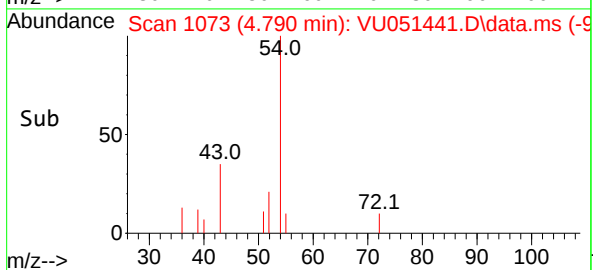
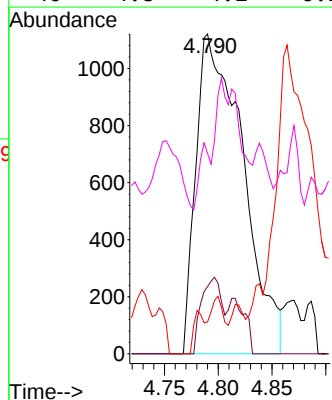
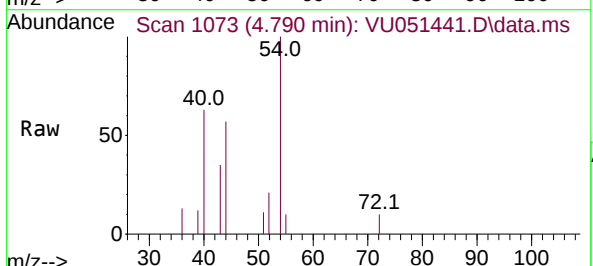
Ion Ratio Lower Upper

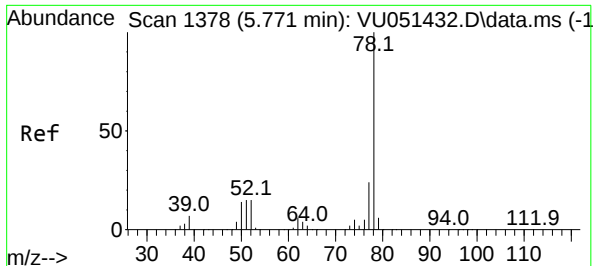
54 100

52 0.0 16.4 24.6#

55 2.9 11.5 17.3#

40 4.8 4.2 6.2





#35

Benzene

Concen: 0.471 ug/l

RT: 5.774 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

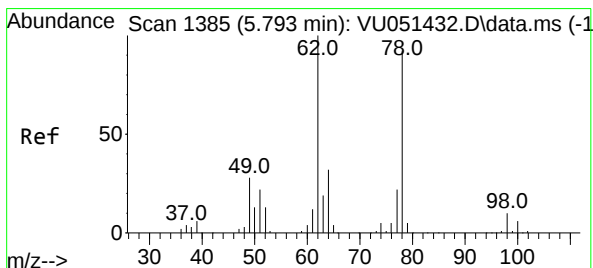
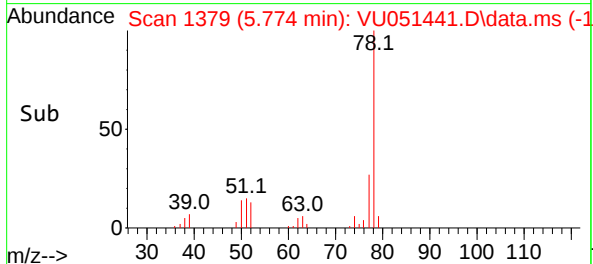
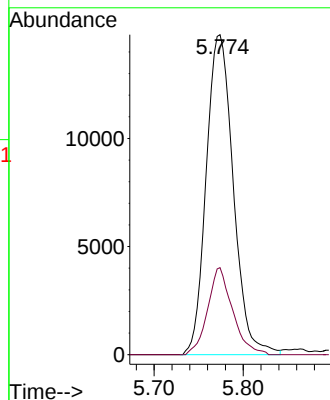
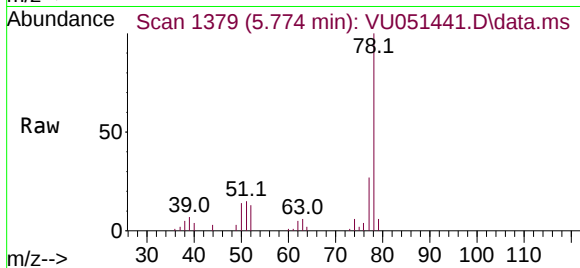
LOQ-WATER-02-QT4-2022

Tgt Ion: 78 Resp: 31283

Ion Ratio Lower Upper

78 100

77 27.2 19.0 28.6



#36

1,2-Dichloroethane

Concen: 0.503 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VU051441.D

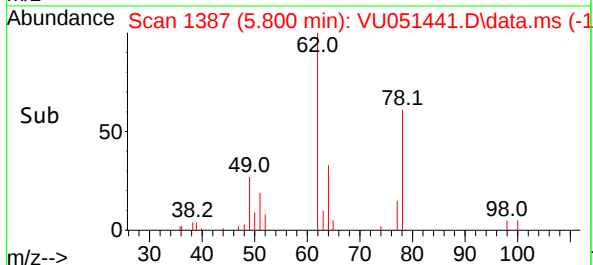
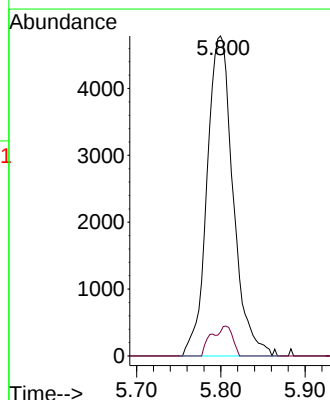
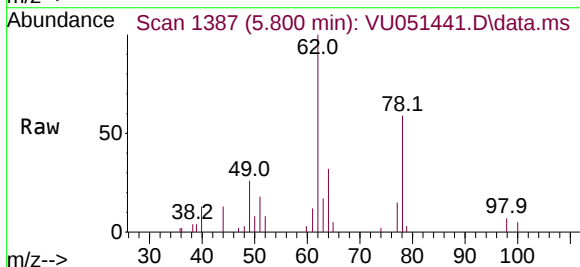
Acq: 18 Oct 2022 14:51

Tgt Ion: 62 Resp: 10305

Ion Ratio Lower Upper

62 100

98 4.3 7.4 11.2#





#37

Trichloroethene

Concen: 0.473 ug/l

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

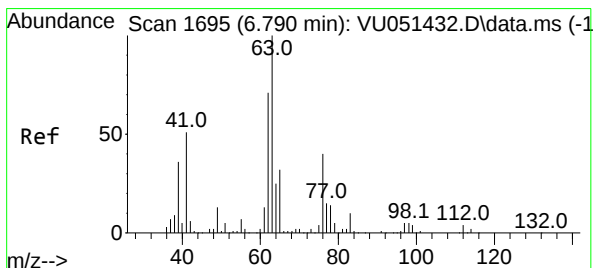
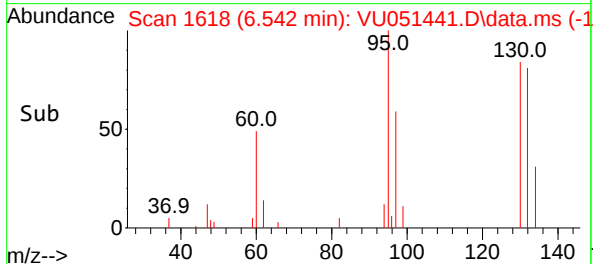
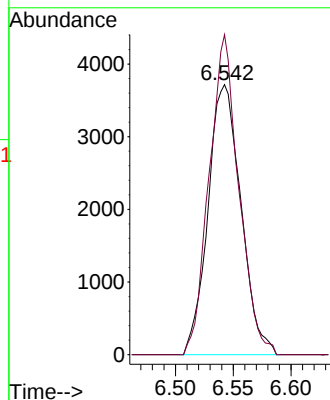
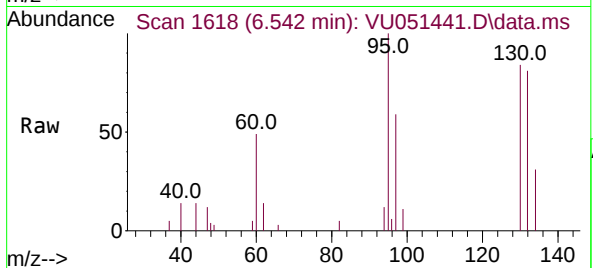
LOQ-WATER-02-QT4-2022

Tgt Ion:130 Resp: 7384

Ion Ratio Lower Upper

130 100

95 118.5 80.2 120.4



#38

1,2-Dichloropropane

Concen: 0.457 ug/l

RT: 6.796 min Scan# 1697

Delta R.T. 0.006 min

Lab File: VU051441.D

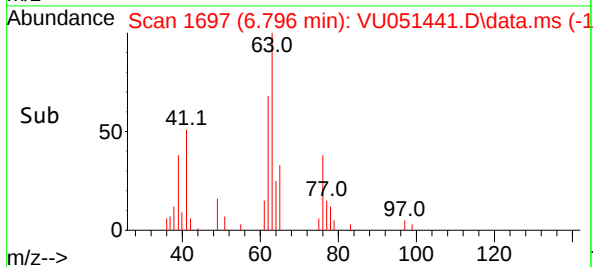
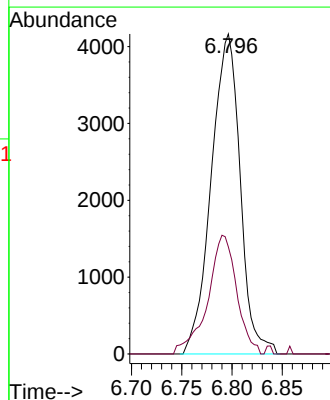
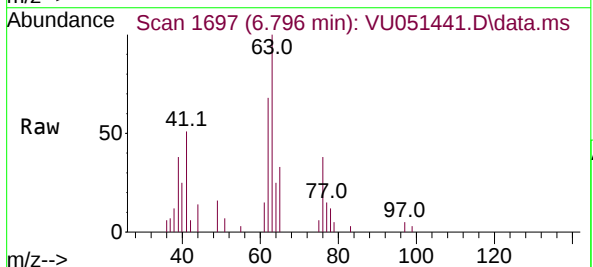
Acq: 18 Oct 2022 14:51

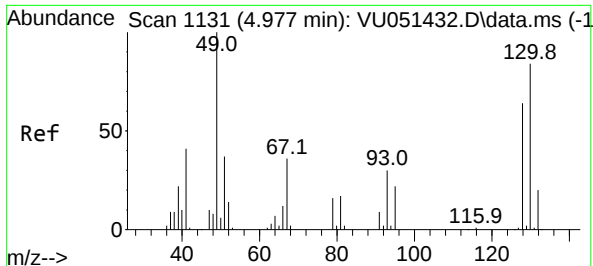
Tgt Ion: 63 Resp: 8325

Ion Ratio Lower Upper

63 100

65 33.4 25.4 38.2





#39

Methacrylonitrile

Concen: 0.488 ug/l

RT: 4.993 min Scan# 1136

Delta R.T. 0.016 min

Lab File: VU051441.D

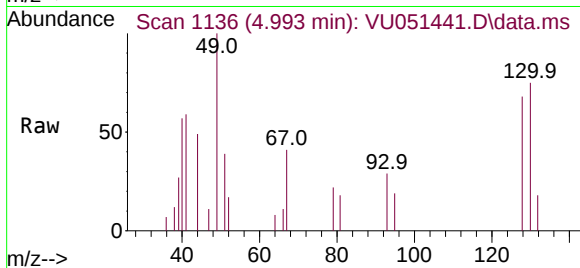
Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion: 41 Resp: 2237

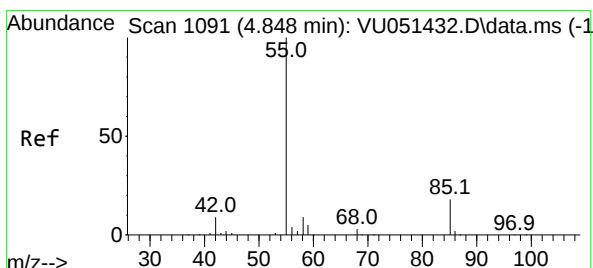
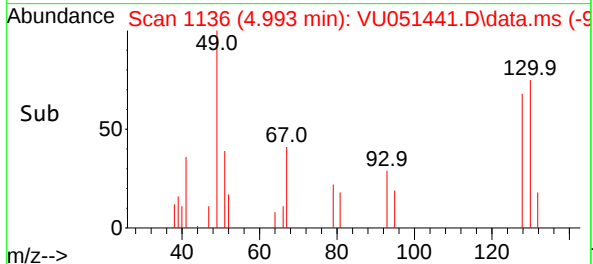
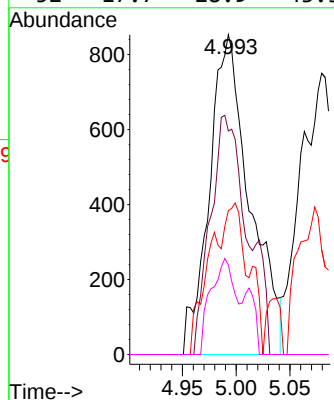
Ion Ratio Lower Upper

41 100

67 59.8 69.6 104.4#

39 22.4 42.2 63.4#

52 17.7 28.9 43.3#



#40

Methyl acrylate

Concen: 0.419 ug/l

RT: 4.864 min Scan# 1096

Delta R.T. 0.016 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Tgt Ion: 55 Resp: 3059

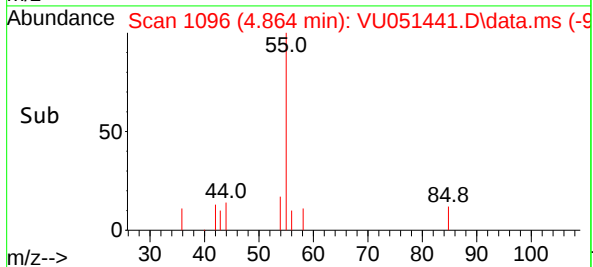
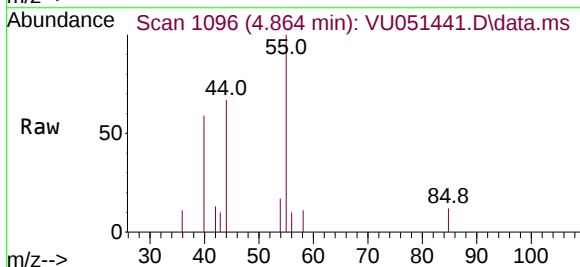
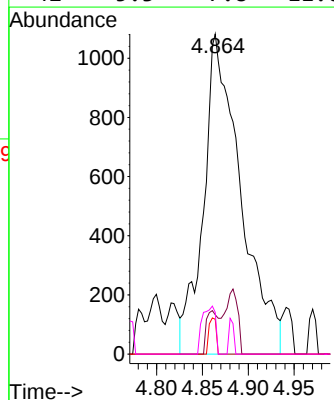
Ion Ratio Lower Upper

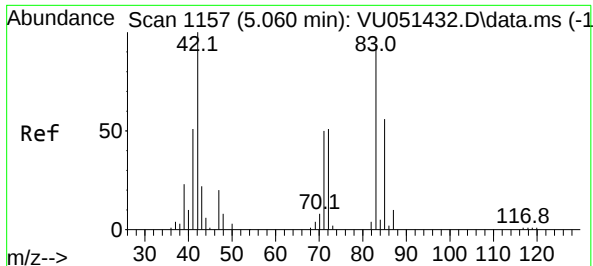
55 100

85 0.0 15.0 22.6#

58 2.2 7.5 11.3#

42 5.3 7.8 11.6#





#41

Tetrahydrofuran

Concen: 0.551 ug/l

RT: 5.067 min Scan# 1157

Delta R.T. 0.006 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

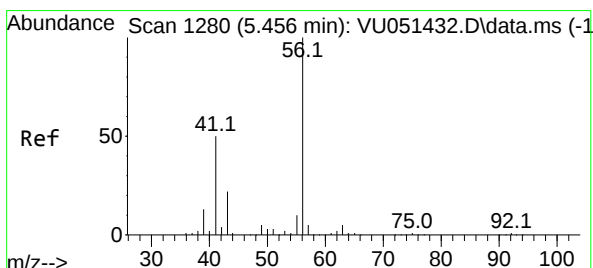
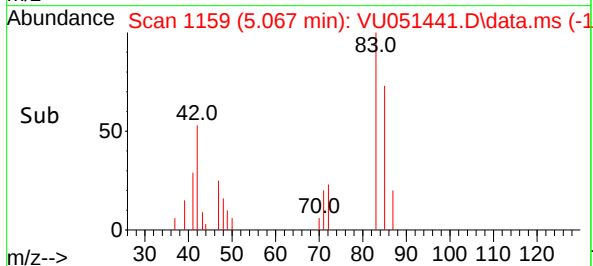
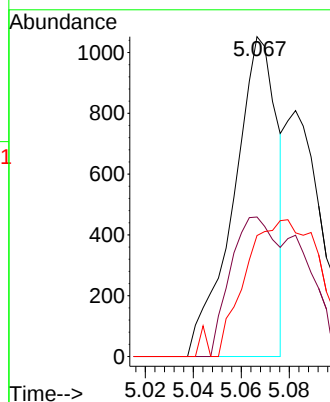
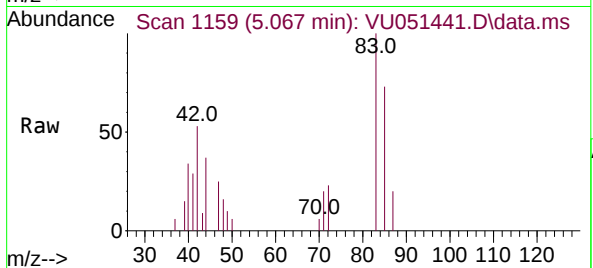
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:	42	Resp:	1326
Ion	Ratio	Lower	Upper
42	100		
72	46.5	42.6	64.0
71	72.5	38.3	57.5



#42

1-Chlorobutane

Concen: 0.433 ug/l

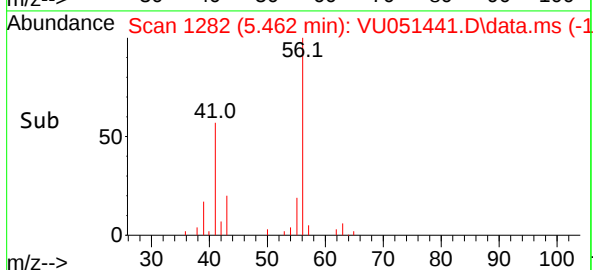
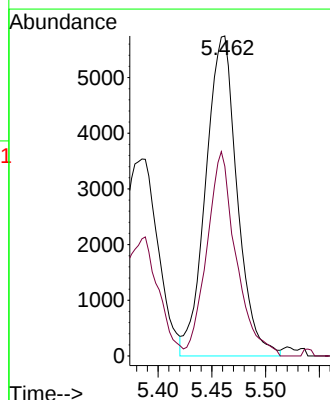
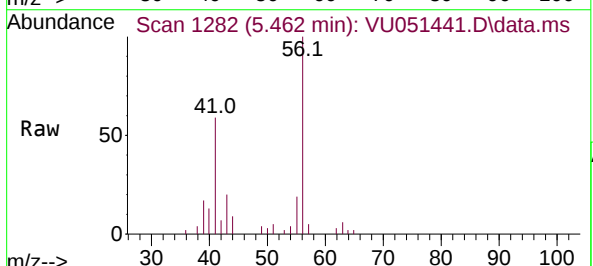
RT: 5.462 min Scan# 1282

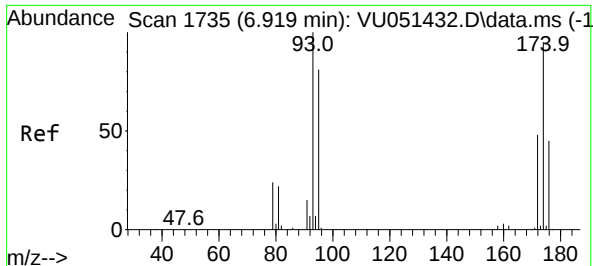
Delta R.T. 0.006 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Tgt Ion:	56	Resp:	11705
Ion	Ratio	Lower	Upper
56	100		
41	59.2	24.8	74.4



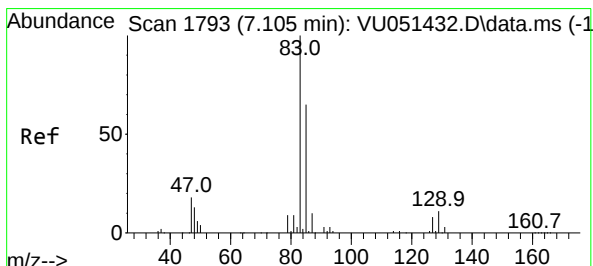
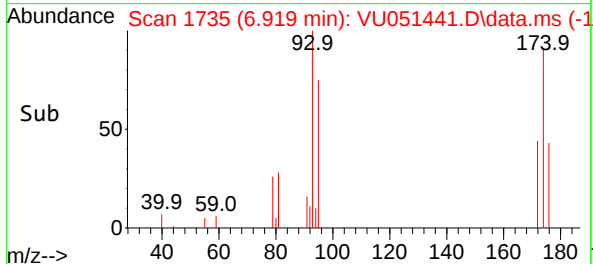
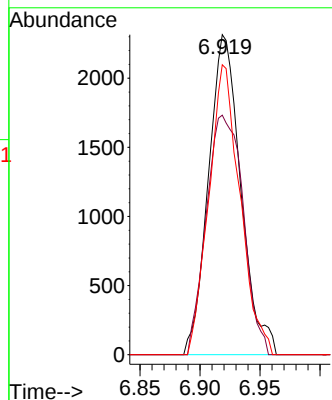
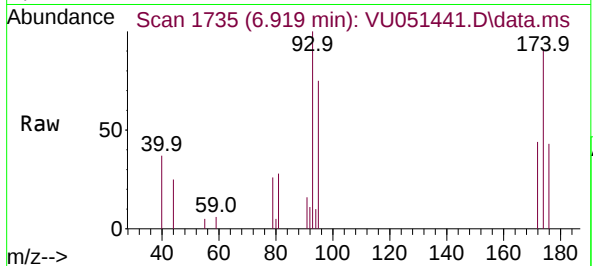


#43
Dibromomethane
Concen: 0.457 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 93 Resp: 4327

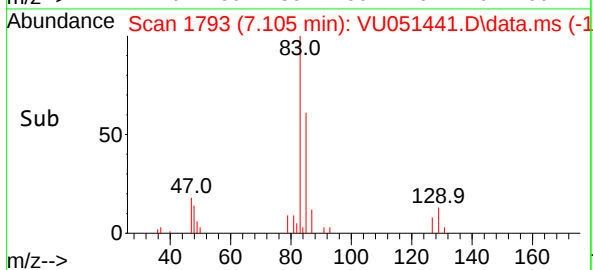
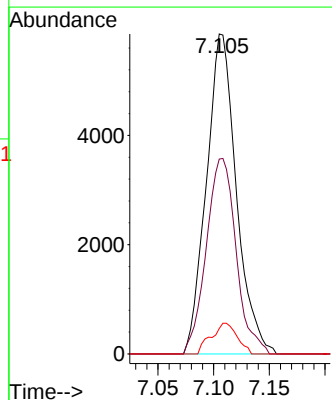
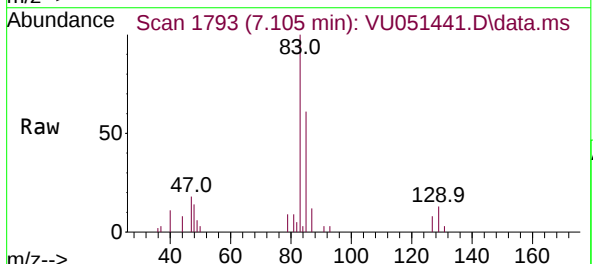
Ion	Ratio	Lower	Upper
93	100		
95	85.5	66.7	100.1
174	87.5	75.5	113.3



#44
Bromodichloromethane
Concen: 0.478 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 83 Resp: 10956

Ion	Ratio	Lower	Upper
83	100		
85	60.9	52.1	78.1
127	8.0	6.8	10.2





#45

4-Methyl-2-Pentanone

Concen: 1.915 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

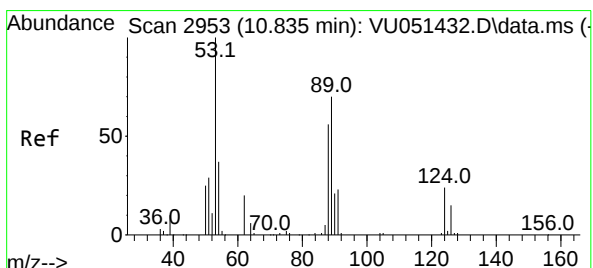
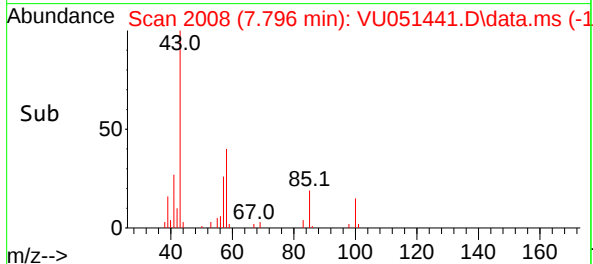
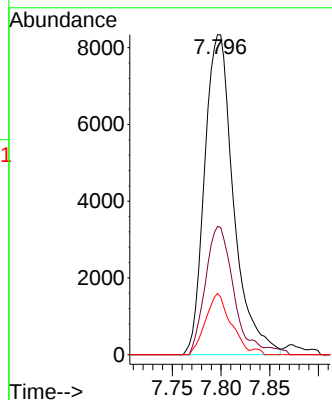
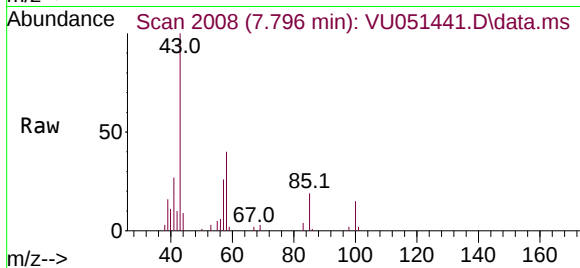
Tgt Ion: 43 Resp: 17249

Ion Ratio Lower Upper

43 100

58 39.8 21.4 64.3

85 16.6 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 1.738 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.013 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Tgt Ion: 75 Resp: 8737

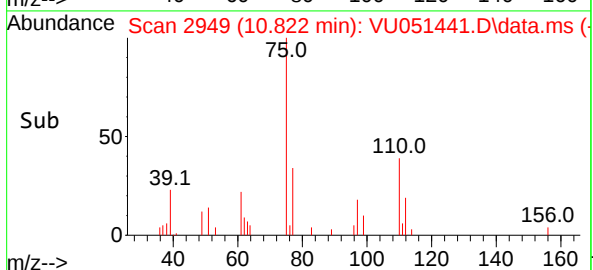
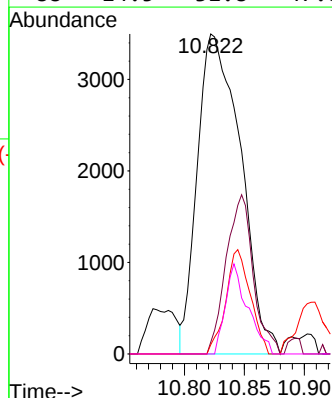
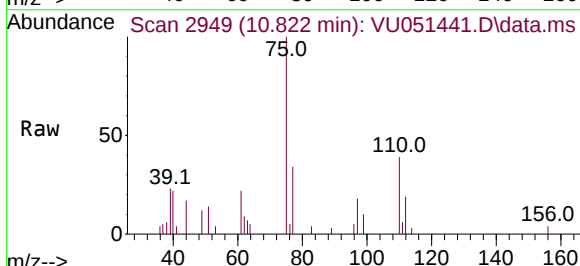
Ion Ratio Lower Upper

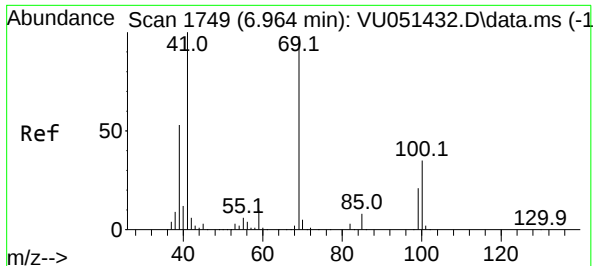
75 100

53 31.2 61.1 91.7#

89 18.5 41.0 61.6#

88 14.5 31.8 47.8#





#47

Methyl methacrylate

Concen: 0.775 ug/l

RT: 6.967 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 69 Resp: 5610

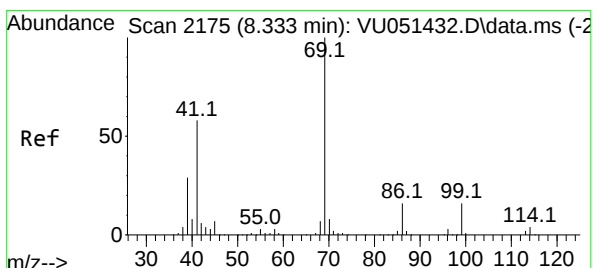
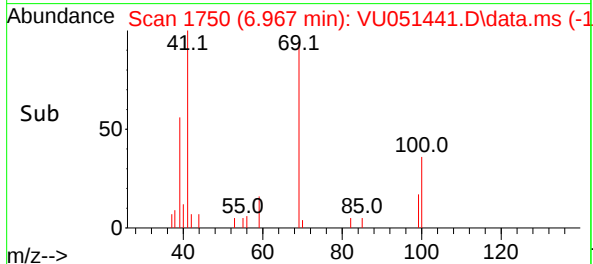
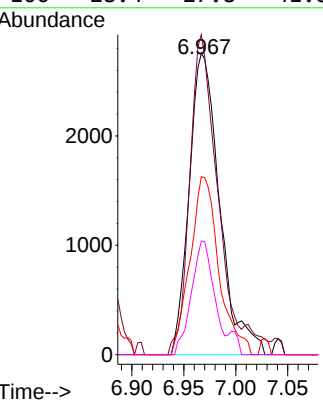
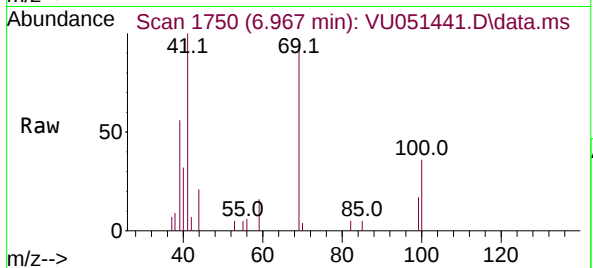
Ion Ratio Lower Upper

69 100

41 94.2 0.0 200.8

39 55.8 44.1 66.1

100 28.4 27.8 41.8



#48

Ethyl methacrylate

Concen: 0.369 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.007 min

Lab File: VU051441.D

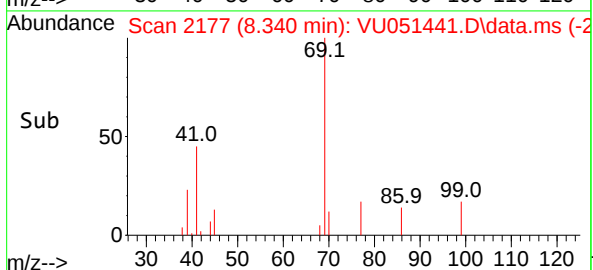
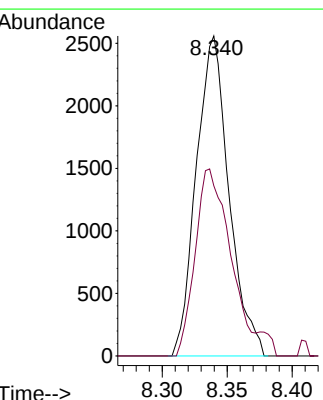
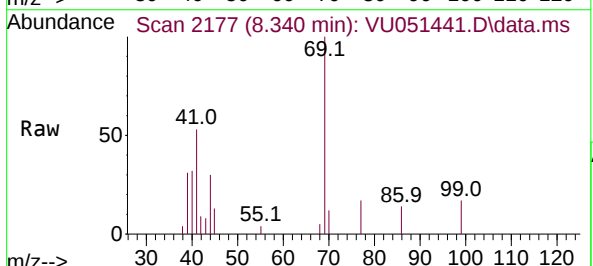
Acq: 18 Oct 2022 14:51

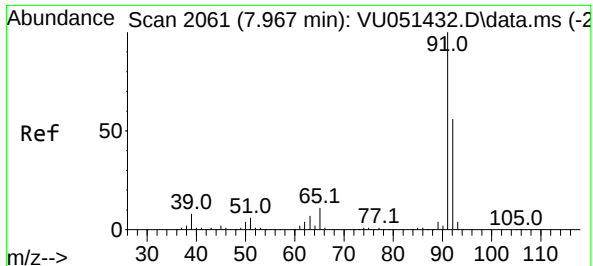
Tgt Ion: 69 Resp: 4477

Ion Ratio Lower Upper

69 100

41 62.6 28.8 86.5





#49

Toluene

Concen: 0.379 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

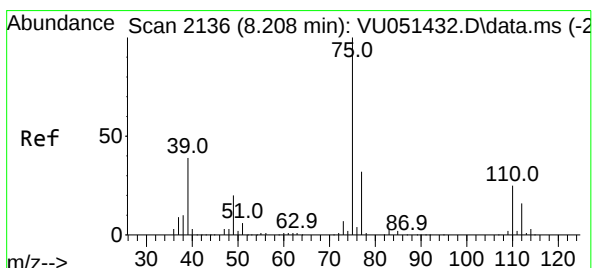
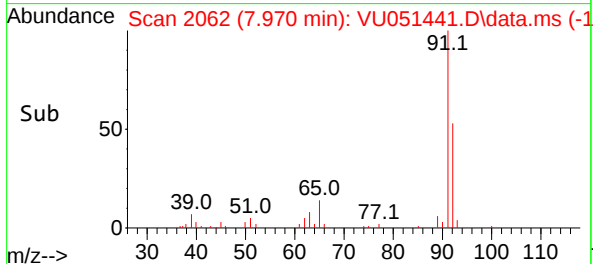
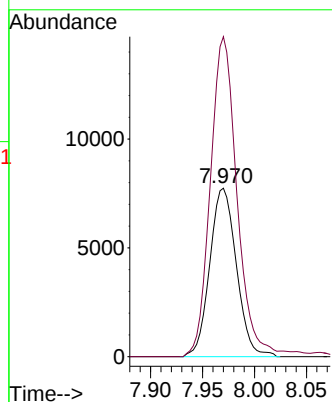
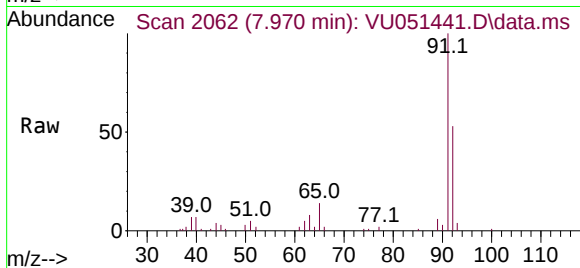
LOQ-WATER-02-QT4-2022

Tgt Ion: 92 Resp: 13814

Ion Ratio Lower Upper

92 100

91 191.6 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.422 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051441.D

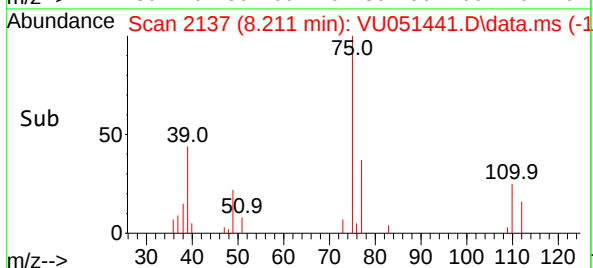
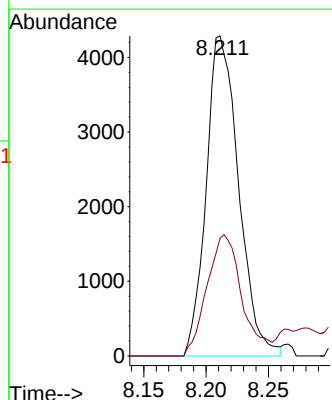
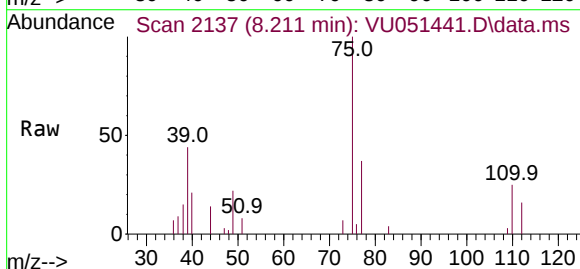
Acq: 18 Oct 2022 14:51

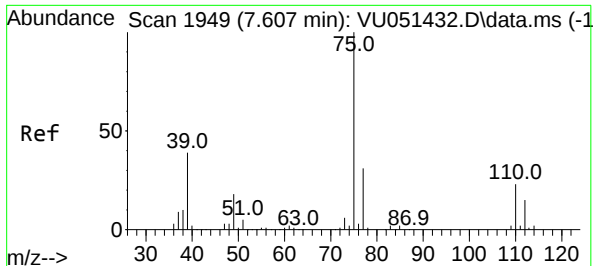
Tgt Ion: 75 Resp: 7769

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.6





#51

cis-1,3-Dichloropropene

Concen: 0.416 ug/l

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

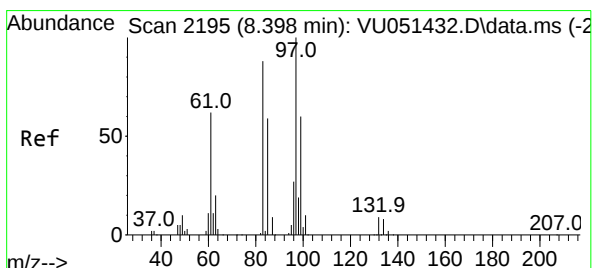
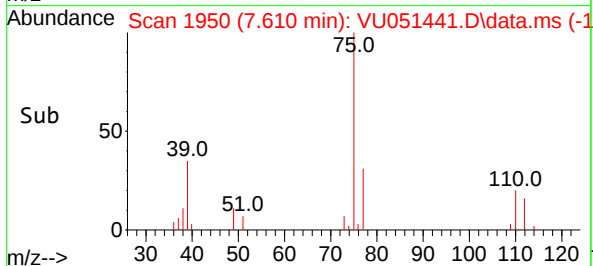
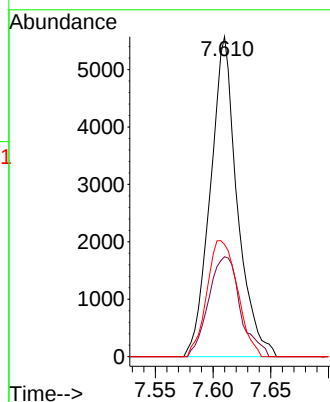
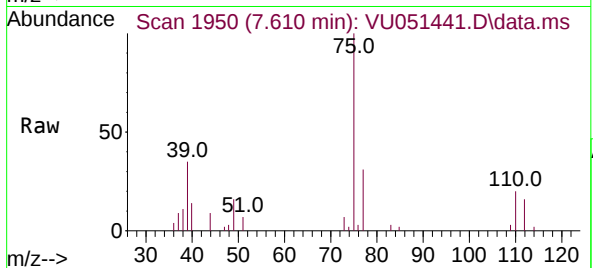
Tgt Ion: 75 Resp: 9021

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 35.1 31.4 47.0



#52

1,1,2-Trichloroethane

Concen: 0.472 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Tgt Ion: 97 Resp: 6374

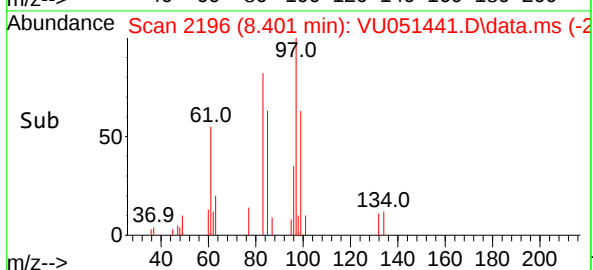
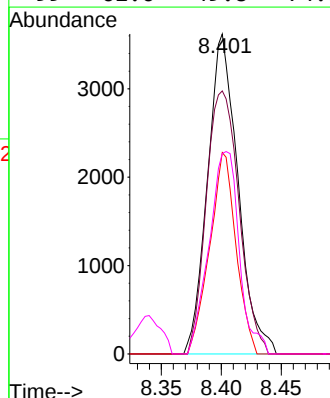
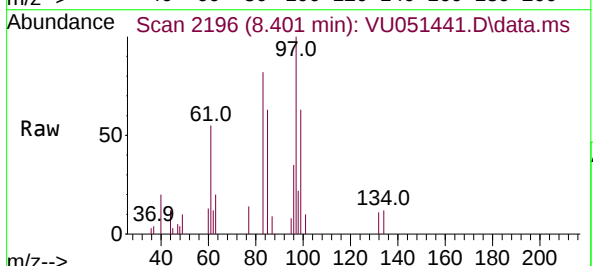
Ion Ratio Lower Upper

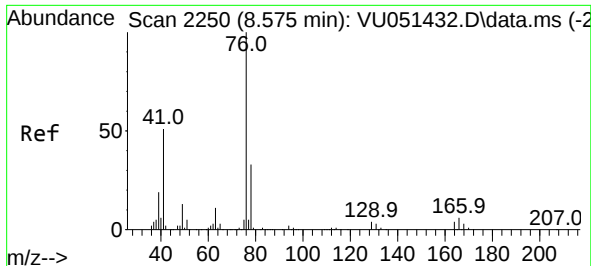
97 100

83 82.2 70.6 105.8

85 62.9 47.0 70.4

99 62.6 49.8 74.8





#53

1,3-Dichloropropane

Concen: 0.472 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

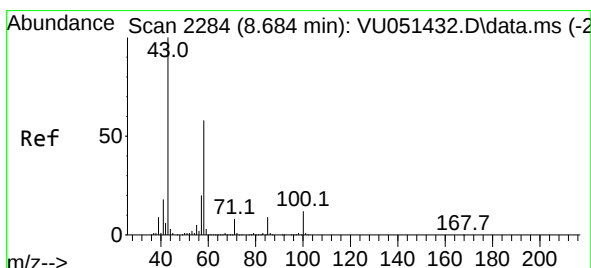
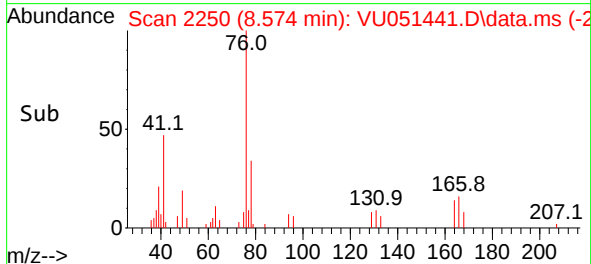
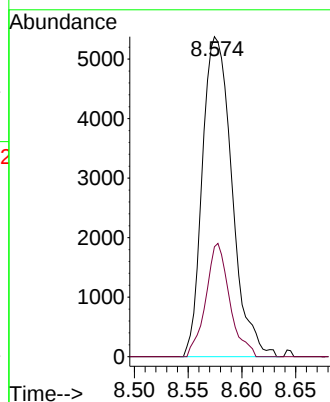
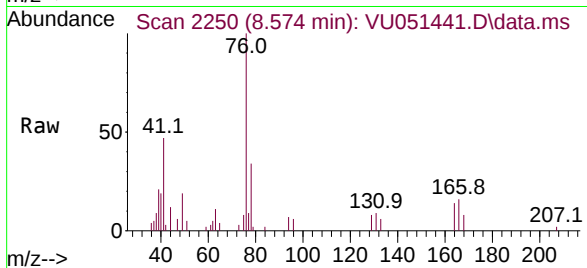
LOQ-WATER-02-QT4-2022

Tgt Ion: 76 Resp: 10277

Ion Ratio Lower Upper

76 100

78 28.5 26.4 39.6



#54

2-Hexanone

Concen: 1.871 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

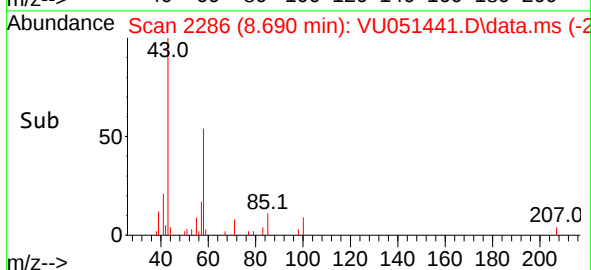
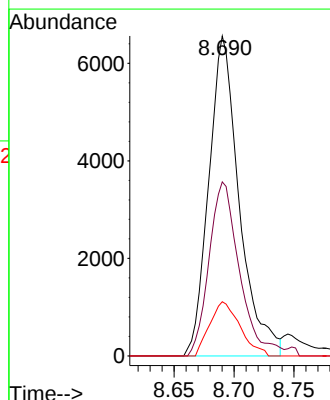
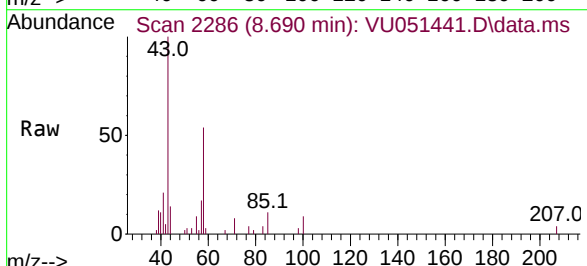
Tgt Ion: 43 Resp: 11589

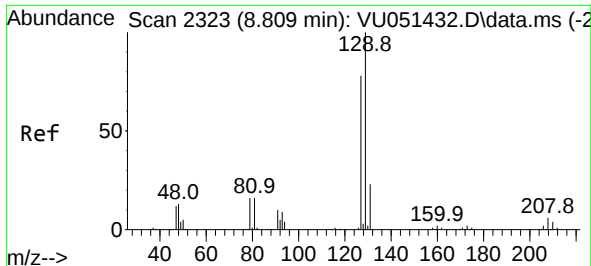
Ion Ratio Lower Upper

43 100

58 54.3 38.0 78.0

57 16.9 0.0 39.9

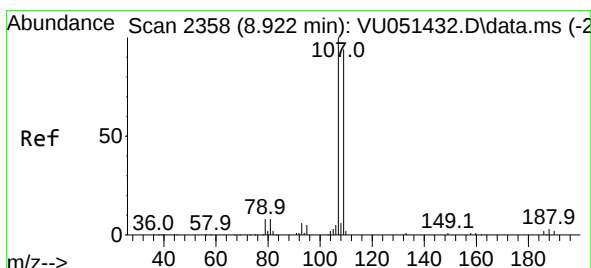
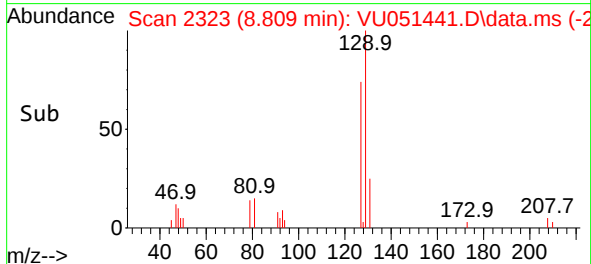
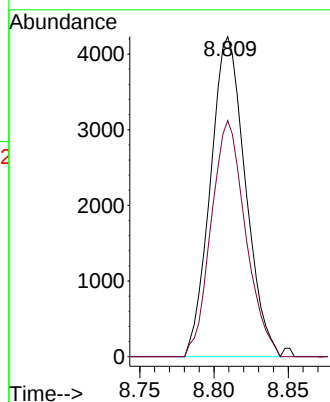
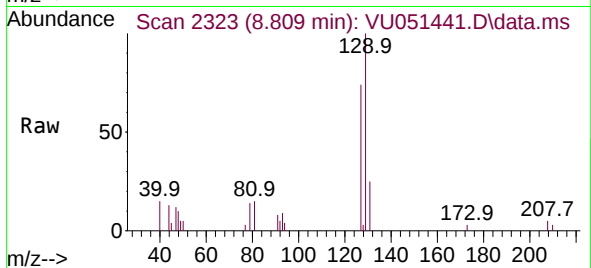




#55
Dibromochloromethane
Concen: 0.471 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

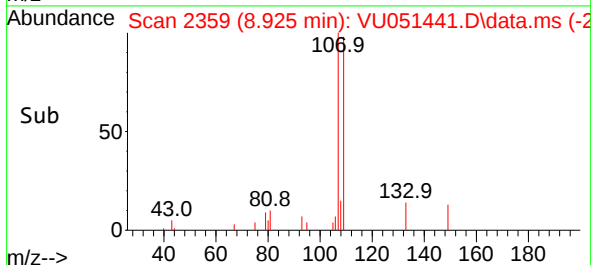
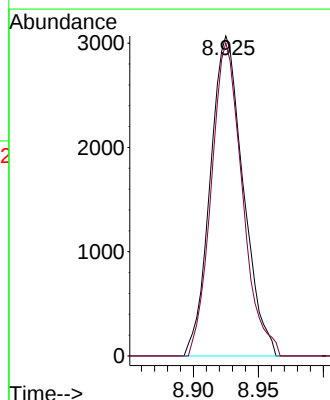
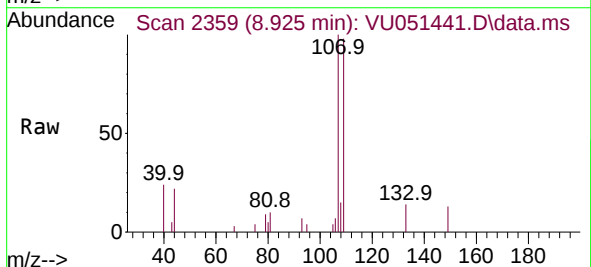
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

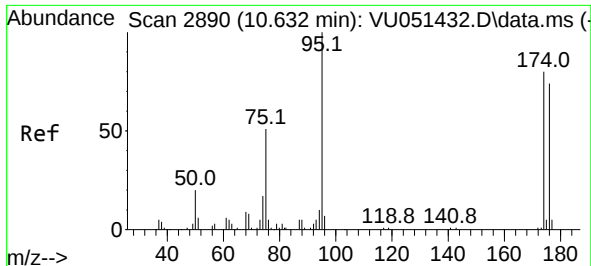
Tgt Ion:129 Resp: 6919
Ion Ratio Lower Upper
129 100
127 72.6 62.1 93.1



#56
1,2-Dibromoethane
Concen: 0.456 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:107 Resp: 5412
Ion Ratio Lower Upper
107 100
109 91.9 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 0.819 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

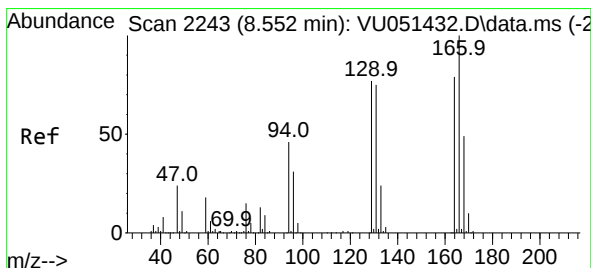
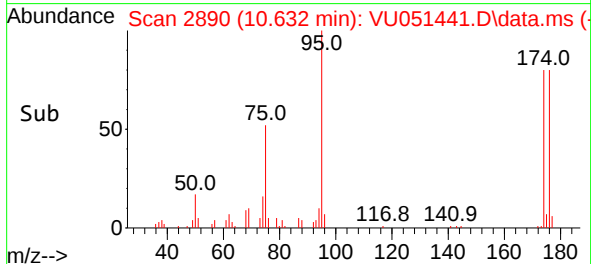
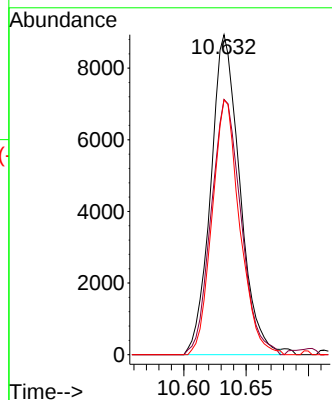
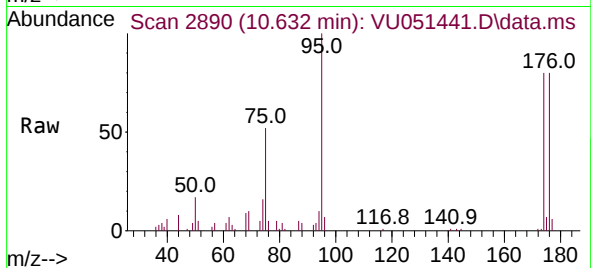
Tgt Ion: 95 Resp: 14520

Ion Ratio Lower Upper

95 100

174 81.8 63.0 94.6

176 75.6 59.8 89.6



#58

Tetrachloroethene

Concen: 0.470 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Tgt Ion: 164 Resp: 6383

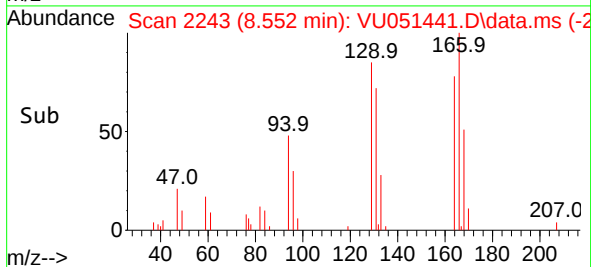
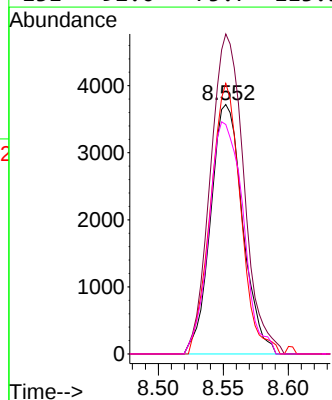
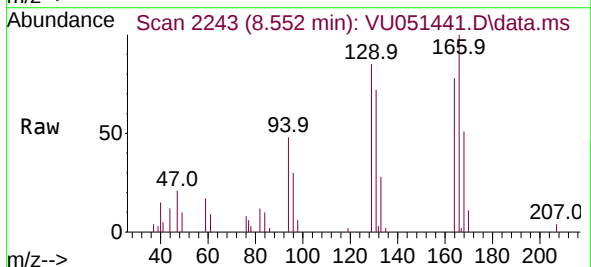
Ion Ratio Lower Upper

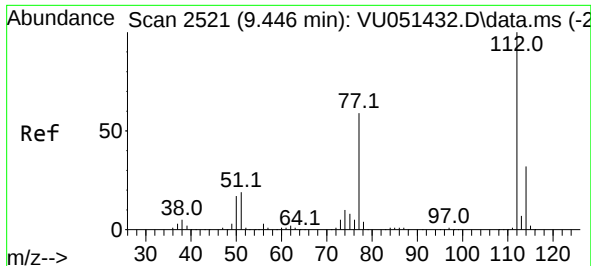
164 100

166 128.3 100.9 151.3

129 108.4 77.5 116.3

131 92.0 75.7 113.5





#59

Chlorobenzene

Concen: 0.441 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

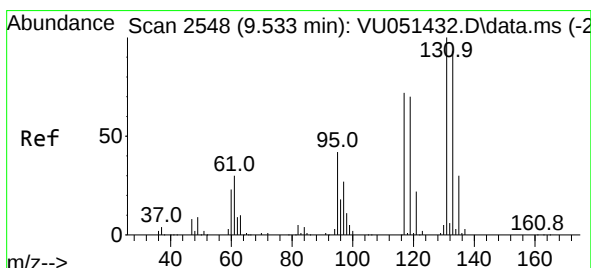
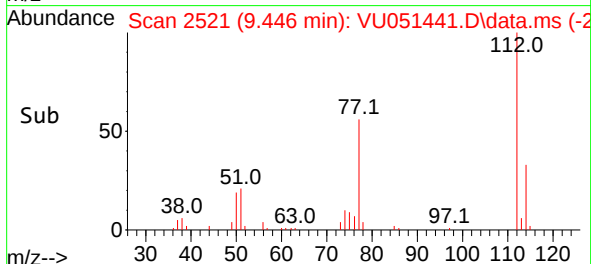
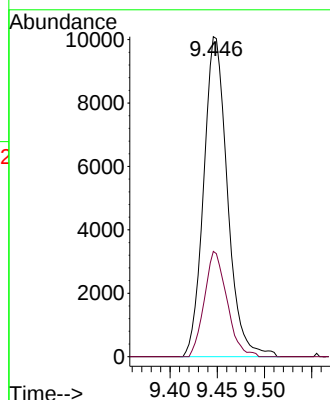
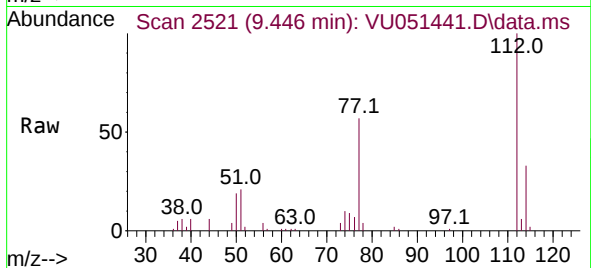
LOQ-WATER-02-QT4-2022

Tgt Ion:112 Resp: 17643

Ion Ratio Lower Upper

112 100

114 32.9 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.499 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

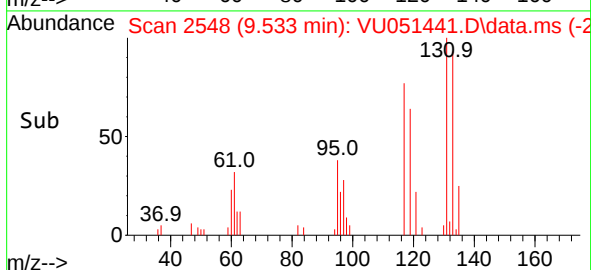
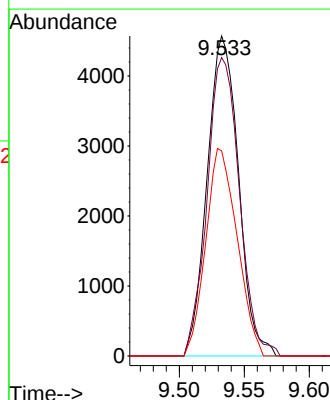
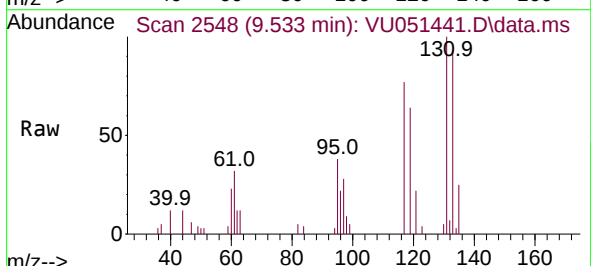
Tgt Ion:131 Resp: 7657

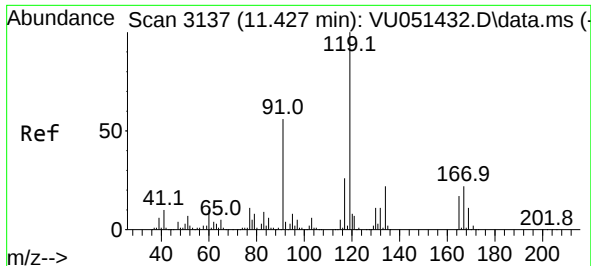
Ion Ratio Lower Upper

131 100

133 96.1 76.5 114.7

119 65.0 56.5 84.7

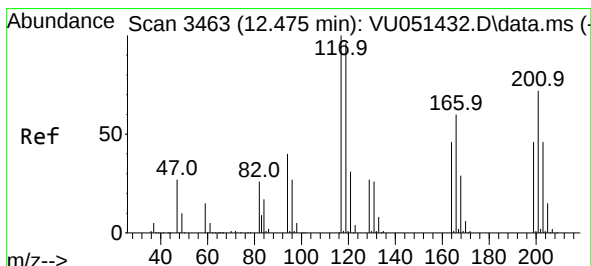
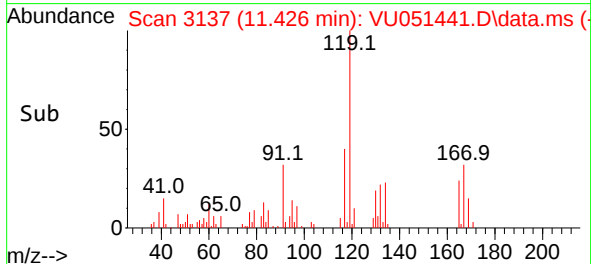
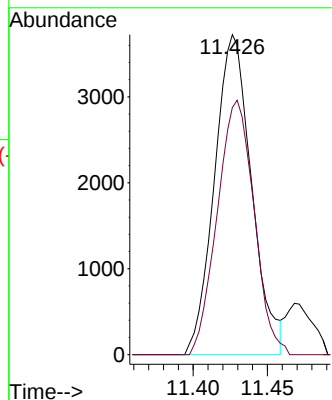
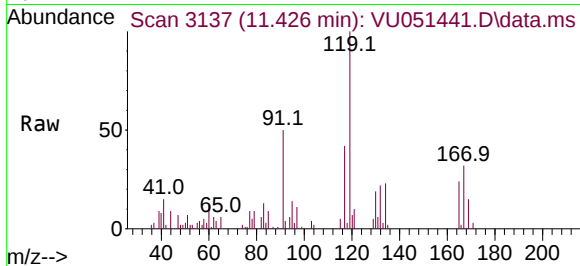




#61
 Pentachloroethane
 Concen: 0.474 ug/l
 RT: 11.426 min Scan# 3137
 Delta R.T. -0.001 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

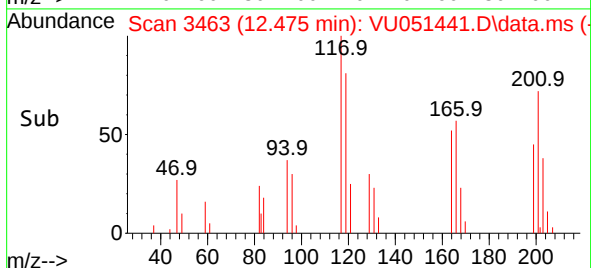
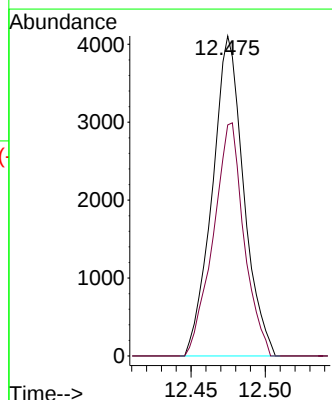
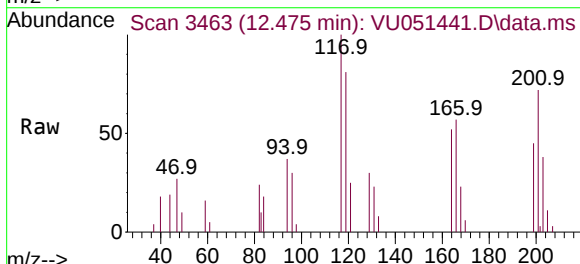
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

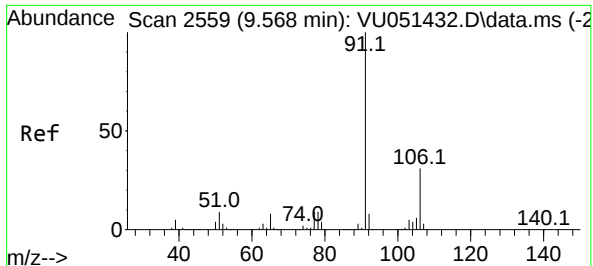
Tgt Ion:117 Resp: 6469
 Ion Ratio Lower Upper
 117 100
 167 78.7 63.3 94.9



#62
 Hexachloroethane
 Concen: 0.466 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.000 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

Tgt Ion:117 Resp: 6042
 Ion Ratio Lower Upper
 117 100
 201 71.4 57.4 86.2





#63

Ethyl Benzene

Concen: 0.371 ug/l

RT: 9.571 min Scan# 2559

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

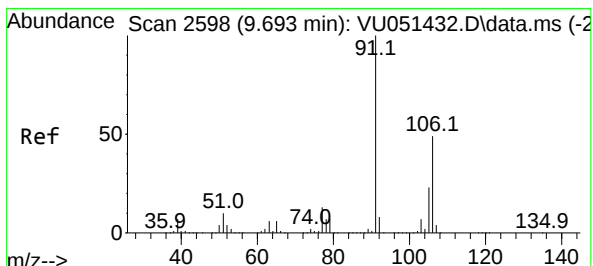
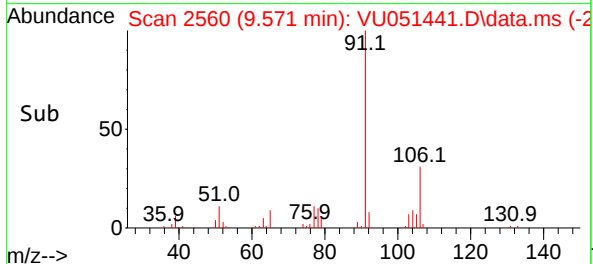
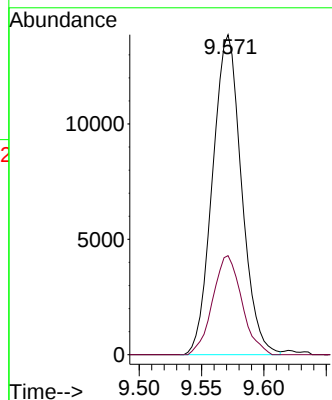
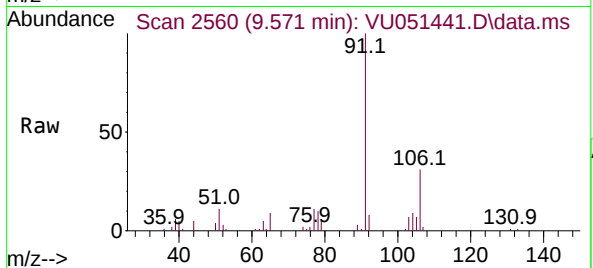
LOQ-WATER-02-QT4-2022

Tgt Ion: 91 Resp: 22489

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#64

m/p-Xylenes

Concen: 0.659 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051441.D

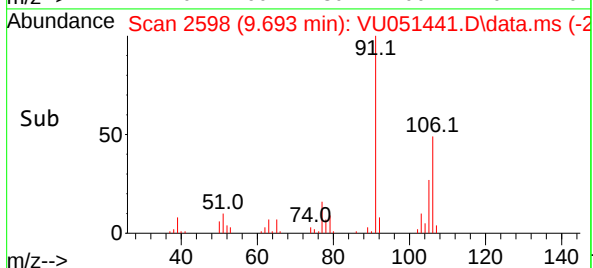
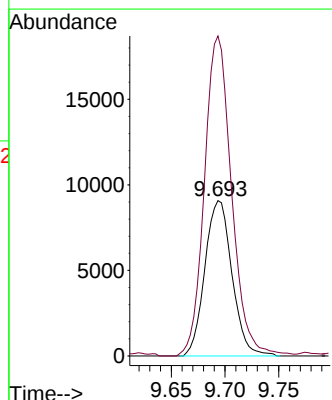
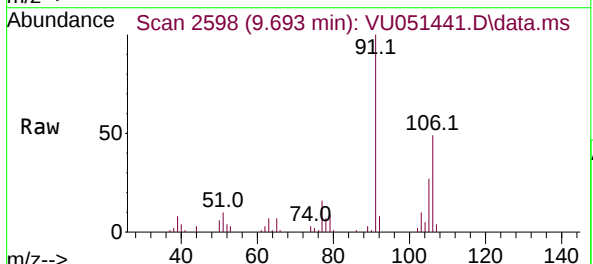
Acq: 18 Oct 2022 14:51

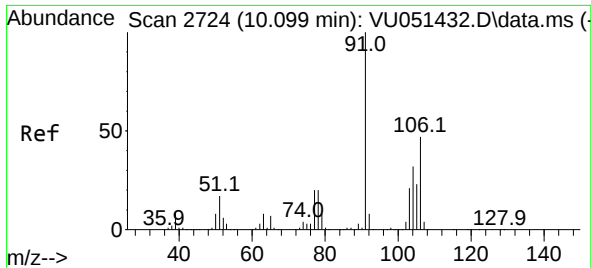
Tgt Ion: 106 Resp: 15939

Ion Ratio Lower Upper

106 100

91 206.3 163.2 244.8

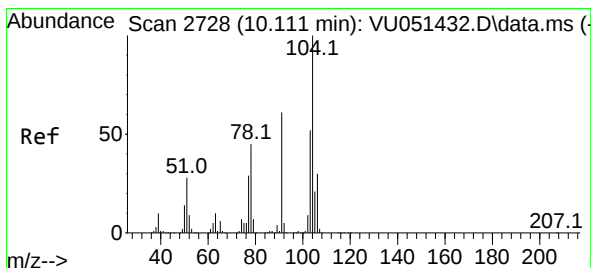
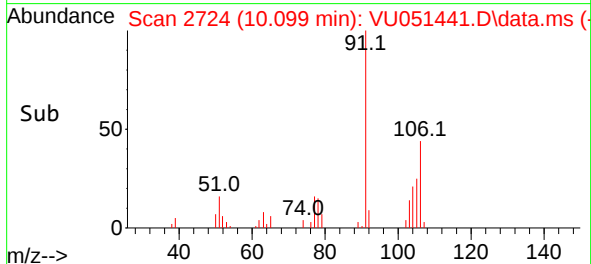
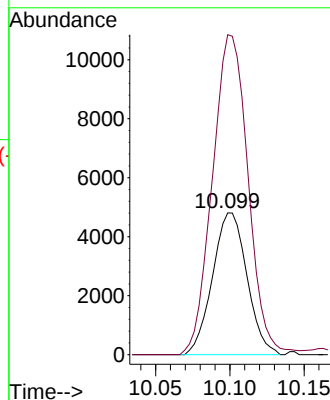
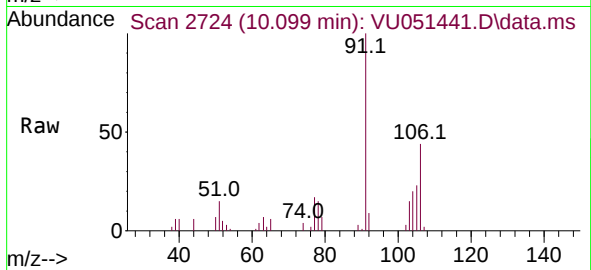




#65
o-Xylene
Concen: 0.330 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.001 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

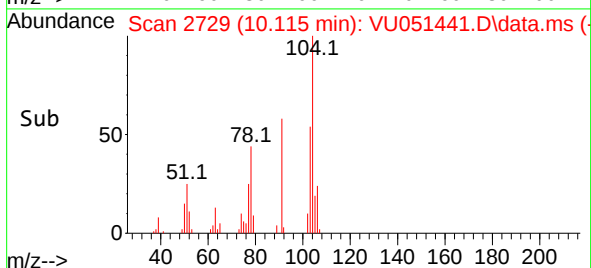
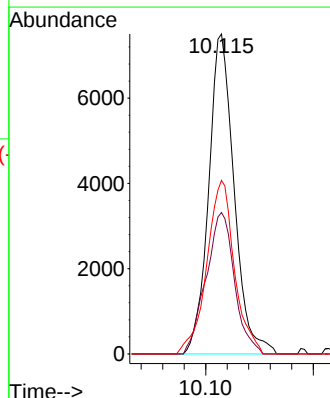
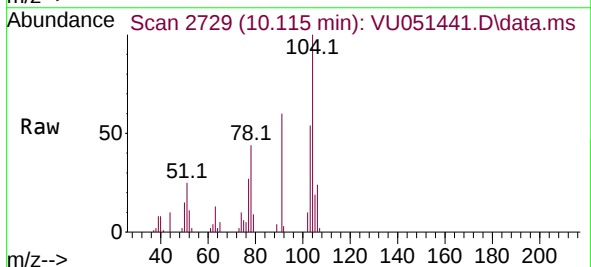
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

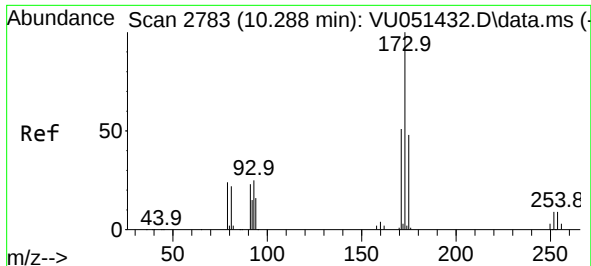
Tgt Ion:106 Resp: 7756
Ion Ratio Lower Upper
106 100
91 233.7 107.1 321.3



#66
Styrene
Concen: 0.316 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:104 Resp: 12316
Ion Ratio Lower Upper
104 100
78 49.4 39.7 59.5
103 58.9 44.4 66.6

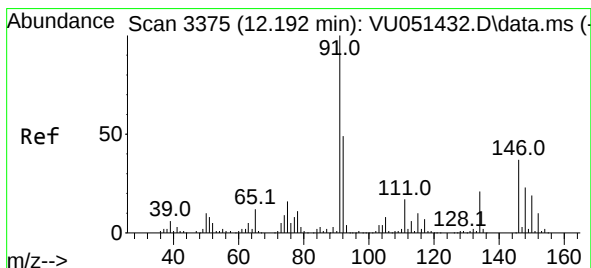
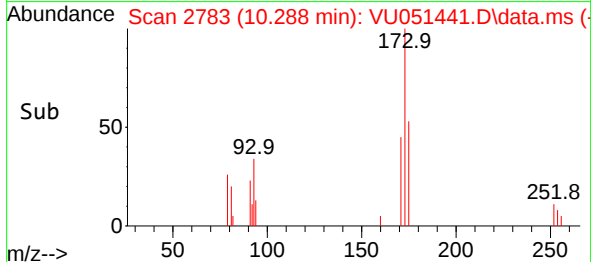
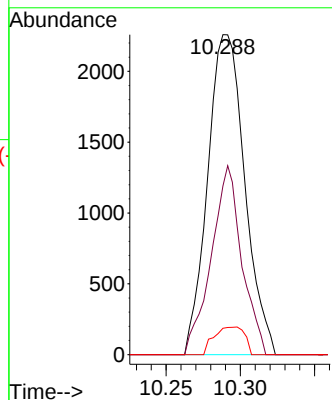
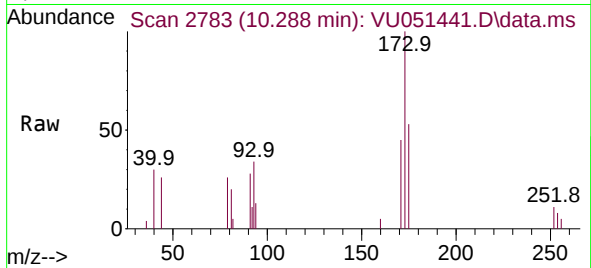




#67
Bromoform
Concen: 0.476 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

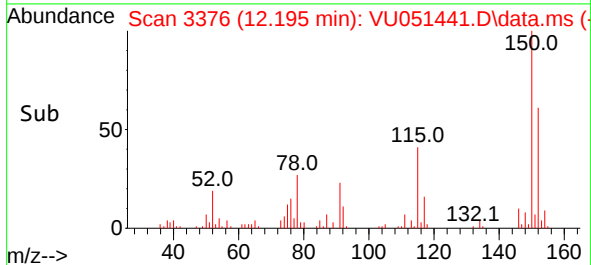
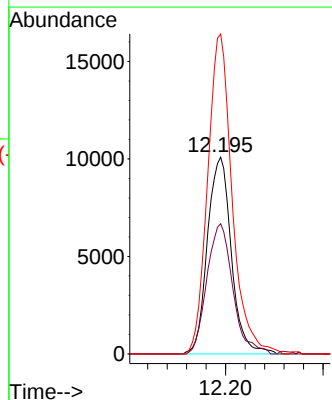
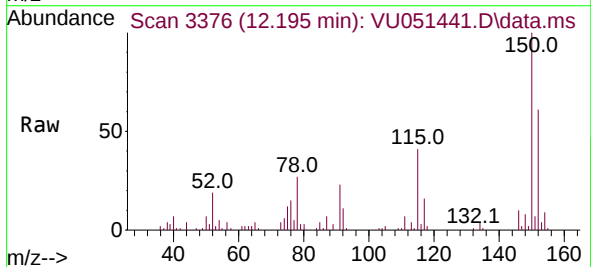
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

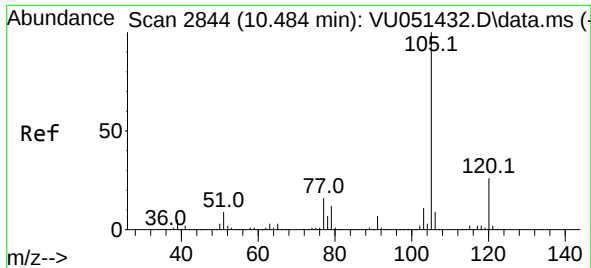
Tgt Ion:173 Resp: 3924
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 7.1 7.3 10.9#



#68
1,2-Dichlorobenzene-d4
Concen: 0.867 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:152 Resp: 17166
Ion Ratio Lower Upper
152 100
115 71.7 0.0 333.0
150 166.7 0.0 662.0

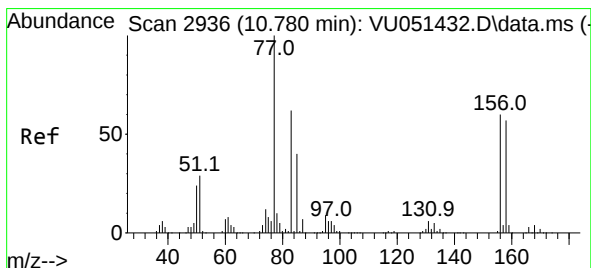
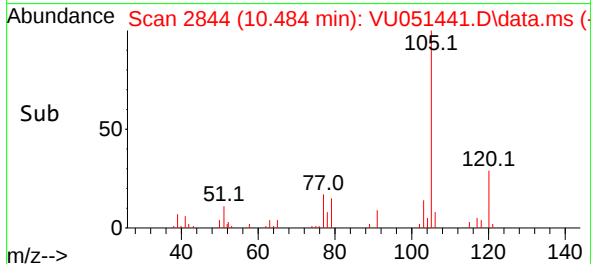
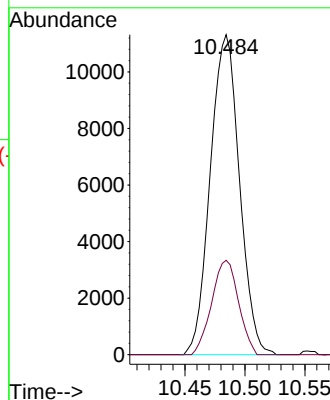
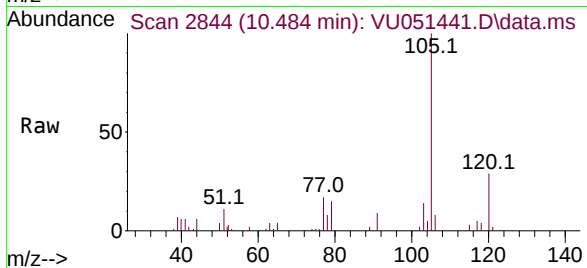




#69
Isopropylbenzene
Concen: 0.330 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

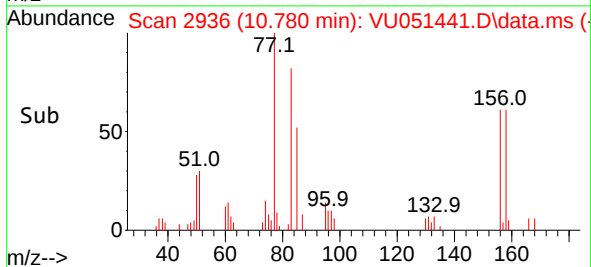
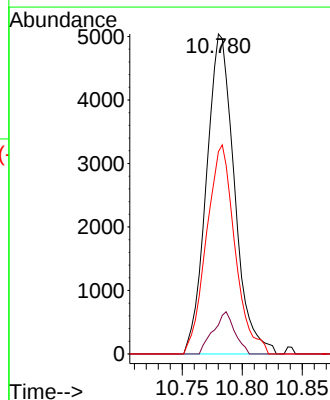
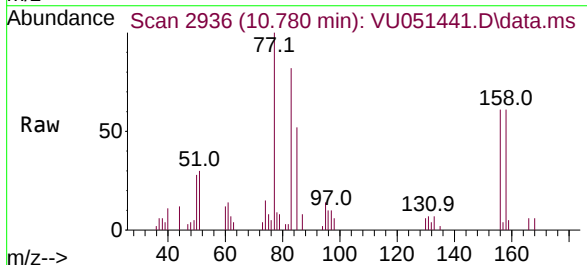
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

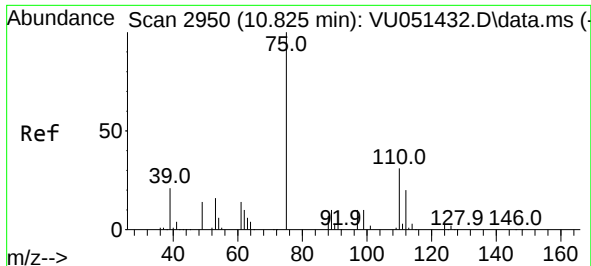
Tgt Ion:105 Resp: 19129
Ion Ratio Lower Upper
105 100
120 27.0 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 0.448 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 83 Resp: 8183
Ion Ratio Lower Upper
83 100
131 10.0 7.2 10.8
85 66.5 51.4 77.2

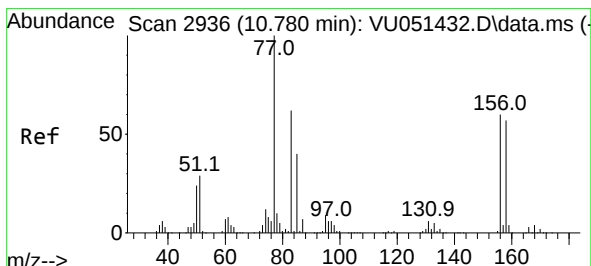
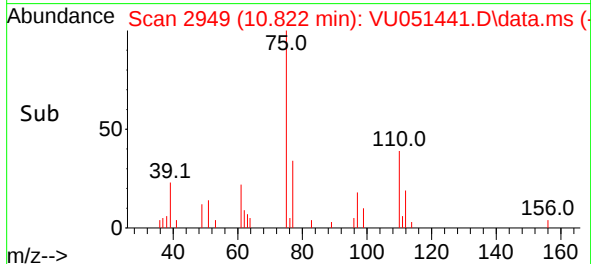
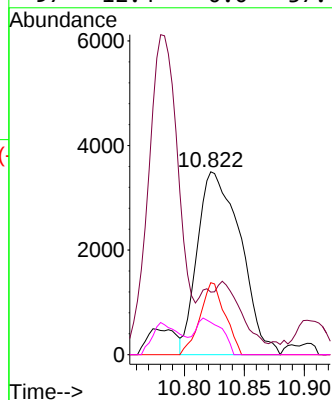
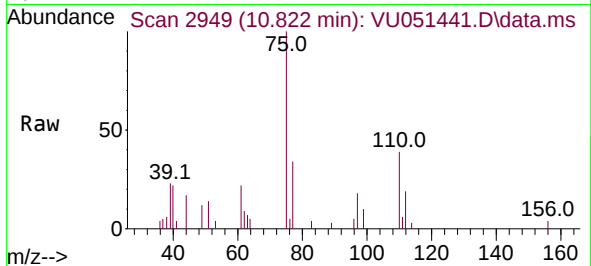




#71
1,2,3-Trichloropropane
Concen: 0.644 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

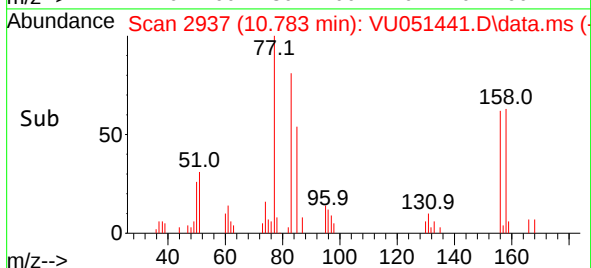
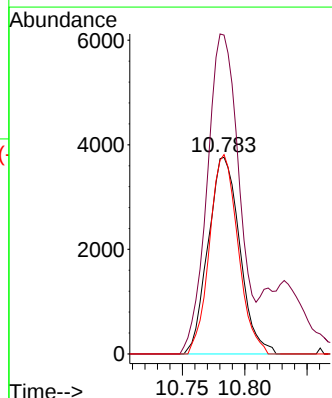
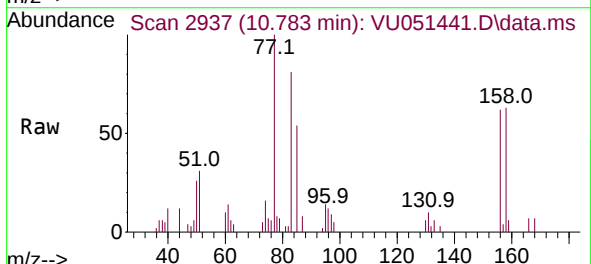
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

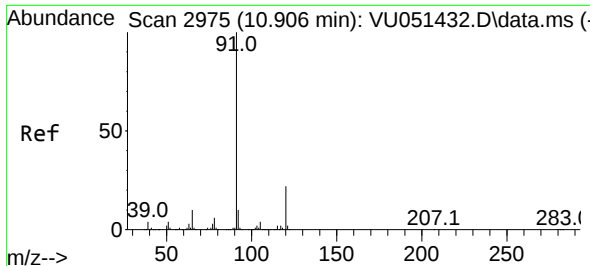
Tgt Ion: 75	Resp: 8737
Ion Ratio	Lower Upper
75 100	
77 13.1	0.0 111.0
110 22.8	0.0 70.2
97 12.4	0.0 37.4



#72
Bromobenzene
Concen: 0.417 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:156	Resp:	6631	
Ion	Ratio	Lower	Upper
156	100		
77	164.1	0.0	343.4
158	91.5	0.0	195.6

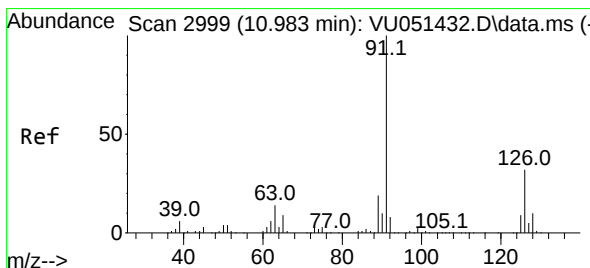
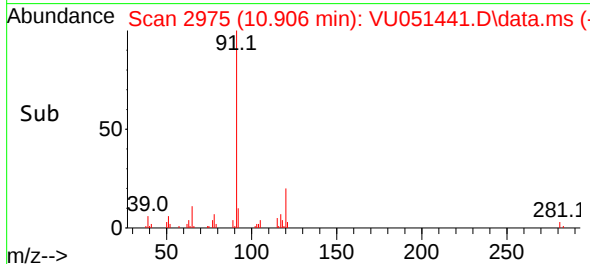
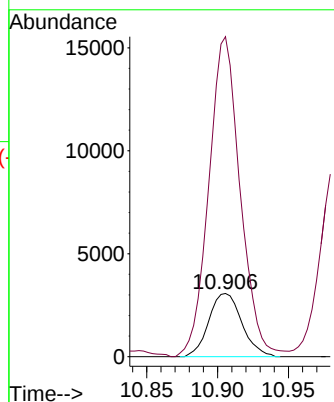
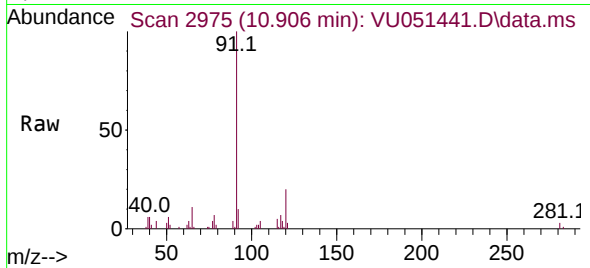




#73
n-propylbenzene
Concen: 0.306 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

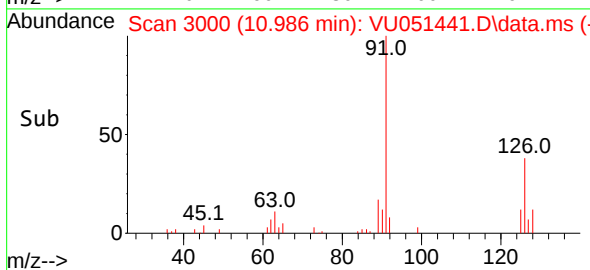
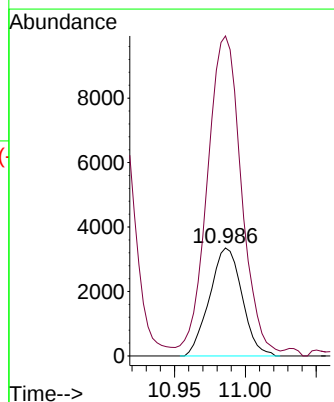
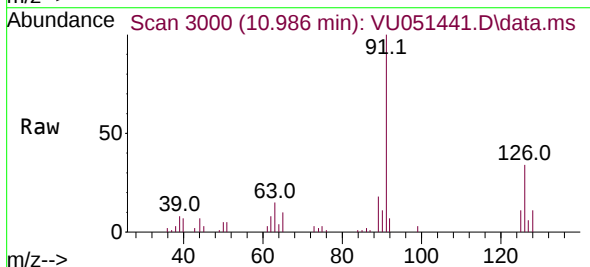
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

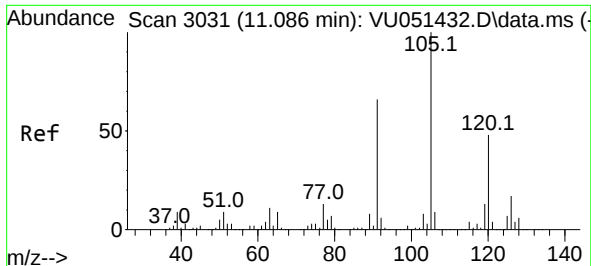
Tgt Ion:120 Resp: 4990
Ion Ratio Lower Upper
120 100
91 481.4 362.3 543.5



#74
2-Chlorotoluene
Concen: 0.345 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:126 Resp: 5341
Ion Ratio Lower Upper
126 100
91 301.7 0.0 623.2

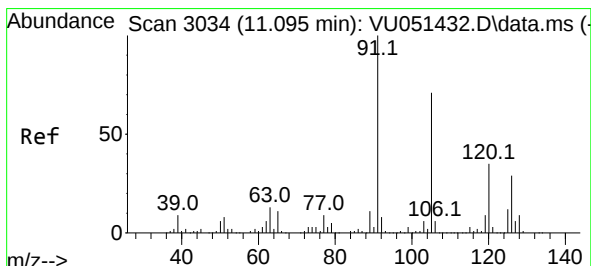
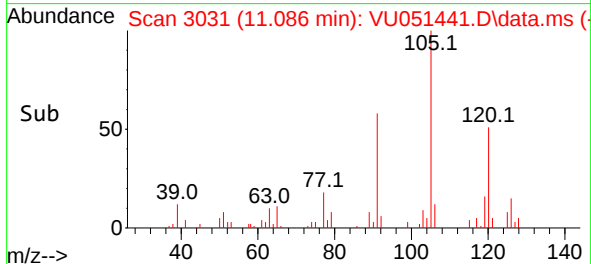
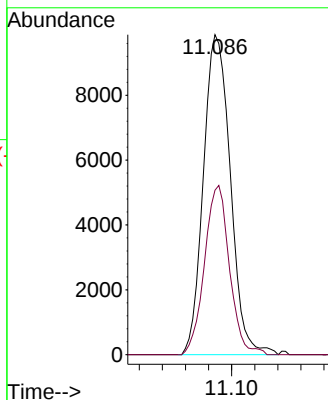
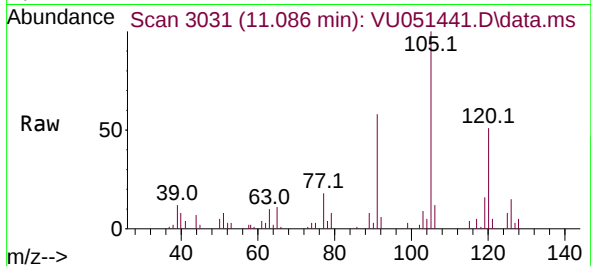




#75
1,3,5-Trimethylbenzene
Concen: 0.305 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

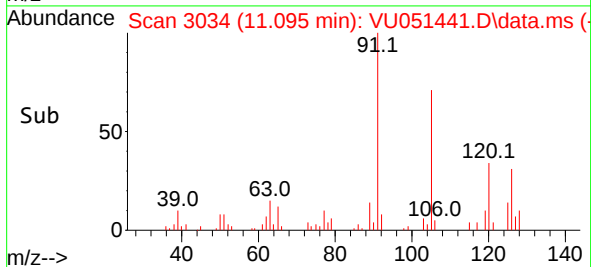
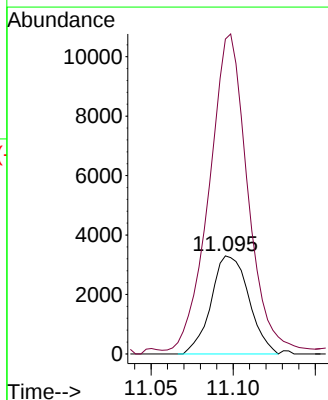
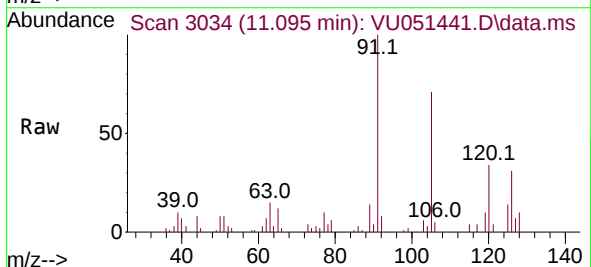
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

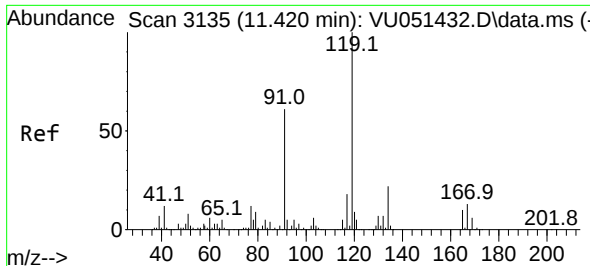
Tgt Ion:105 Resp: 15998
Ion Ratio Lower Upper
105 100
120 49.0 38.2 57.4



#76
4-Chlorotoluene
Concen: 0.332 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:126 Resp: 5259
Ion Ratio Lower Upper
126 100
91 326.2 0.0 717.6

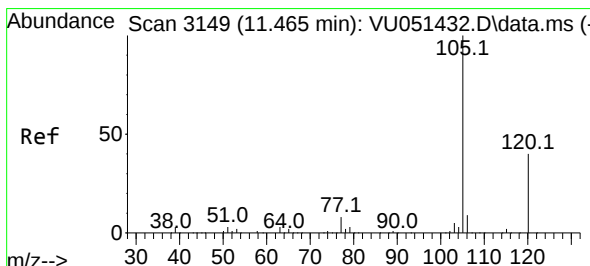
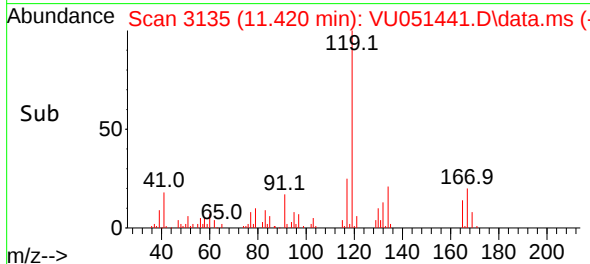
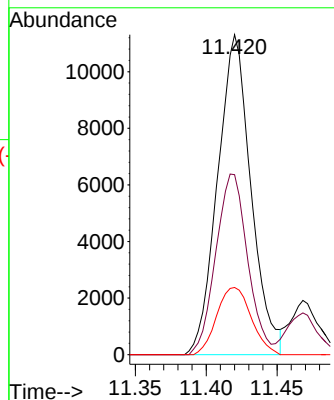
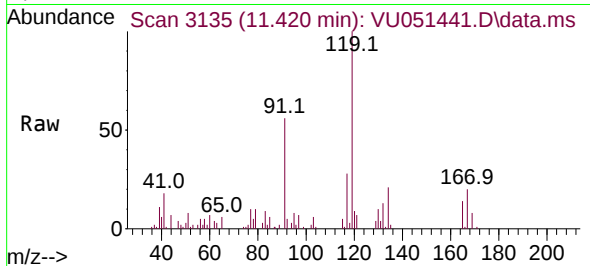




#77
tert-Butylbenzene
Concen: 0.362 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

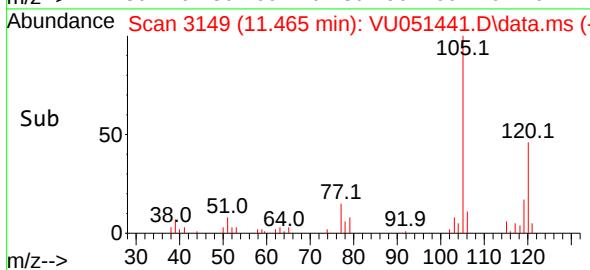
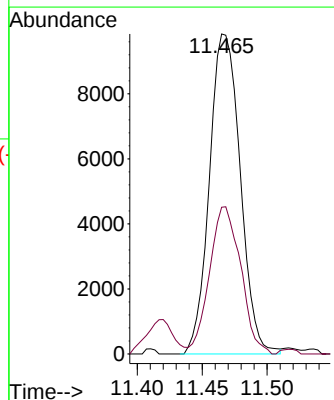
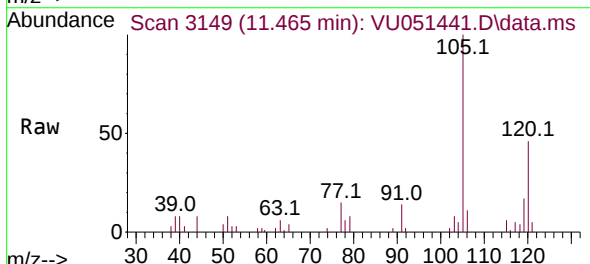
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

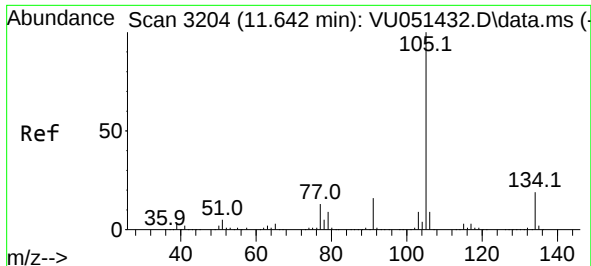
Tgt Ion:	119	Resp:	18544
Ion Ratio	Lower	Upper	
119	100		
91	53.7	29.8	89.5
134	21.7	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.298 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:	105	Resp:	16258
Ion Ratio	Lower	Upper	
105	100		
120	46.5	22.1	66.3

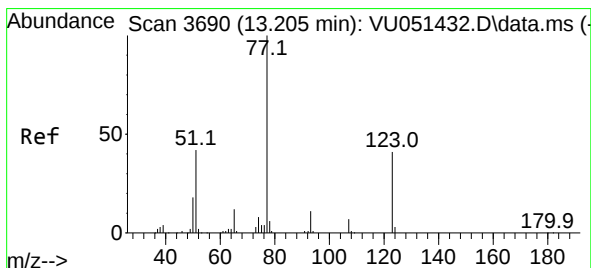
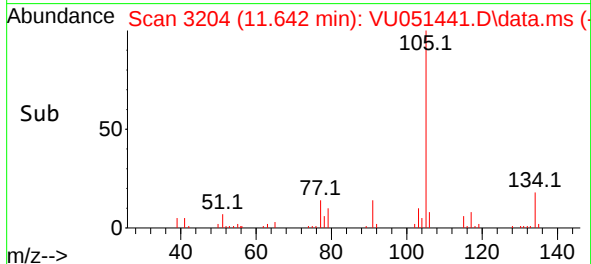
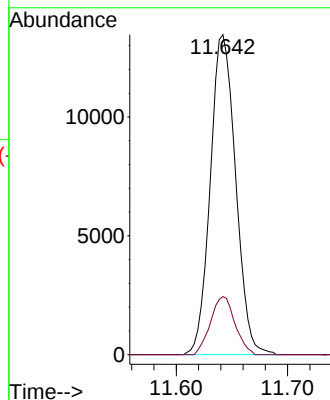
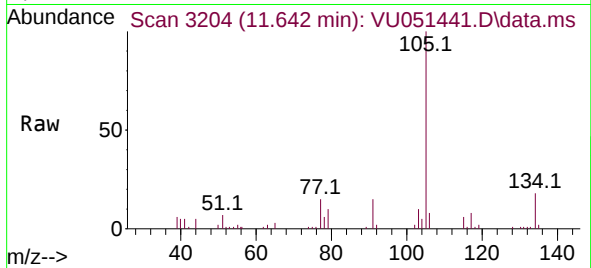




#79
 sec-Butylbenzene
 Concen: 0.314 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

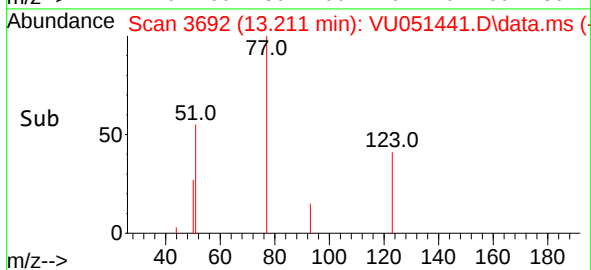
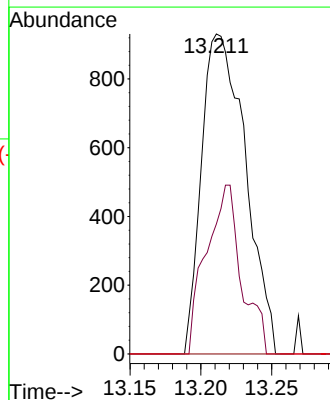
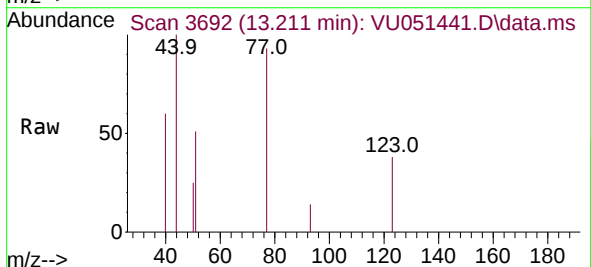
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

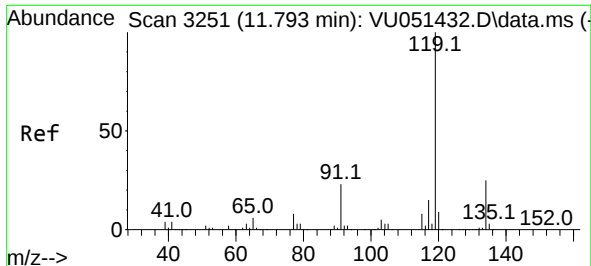
Tgt Ion:105 Resp: 21304
 Ion Ratio Lower Upper
 105 100
 134 17.5 15.2 22.8



#80
 Nitrobenzene
 Concen: 2.219 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.006 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

Tgt Ion: 77 Resp: 2008
 Ion Ratio Lower Upper
 77 100
 123 42.2 17.5 62.1
 65 0.0 11.1 14.1#

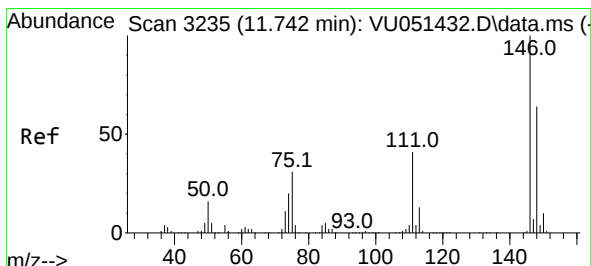
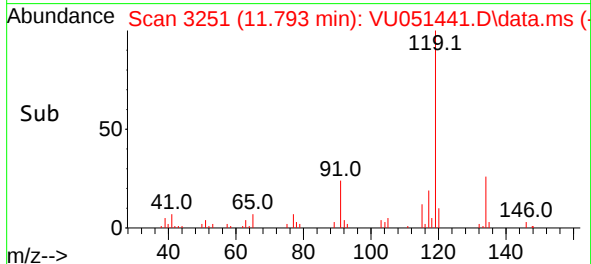
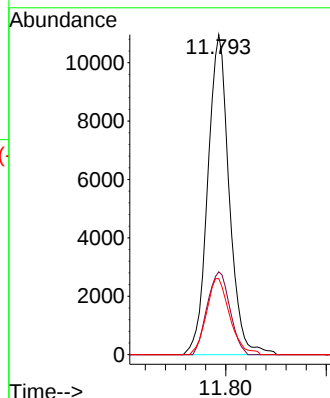
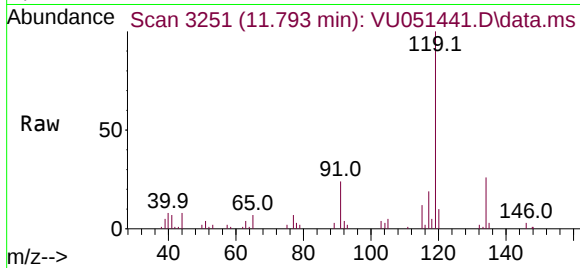




#81
p-Isopropyltoluene
Concen: 0.298 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

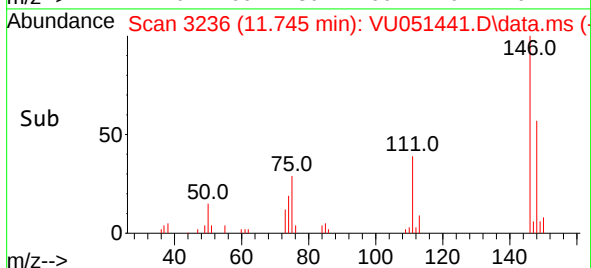
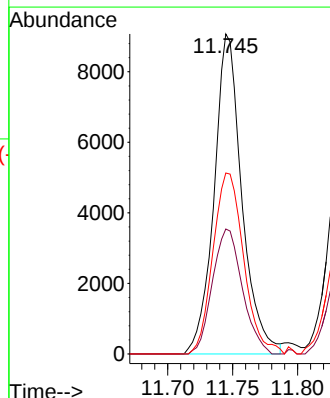
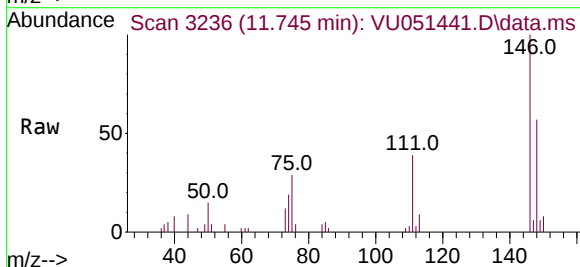
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

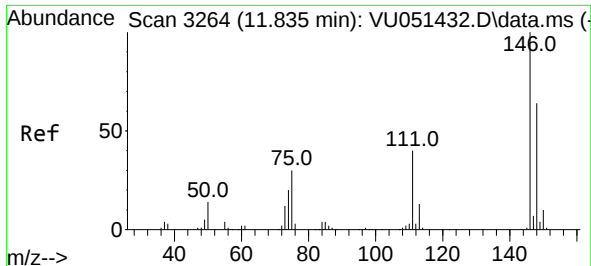
Tgt Ion:	119	Resp:	16180
Ion	Ratio	Lower	Upper
119	100		
134	27.4	20.3	30.5
91	25.9	18.6	27.8



#82
1,3-Dichlorobenzene
Concen: 0.394 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:	146	Resp:	13479
Ion	Ratio	Lower	Upper
146	100		
111	42.0	33.4	50.0
148	62.5	51.0	76.6

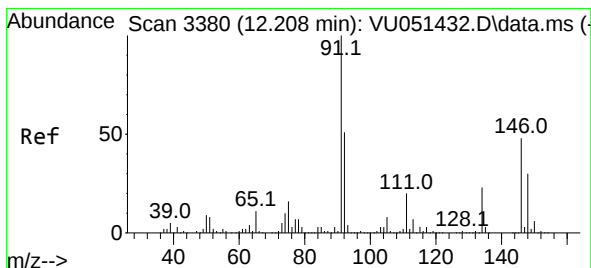
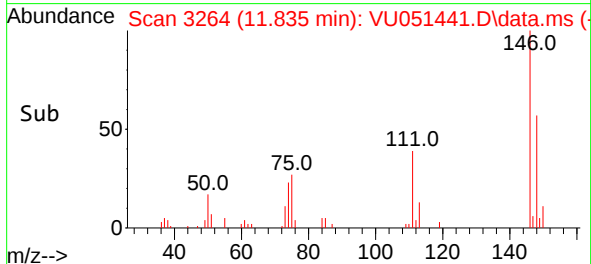
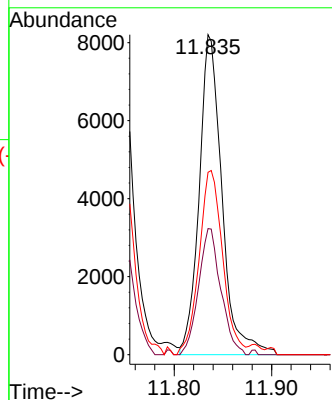
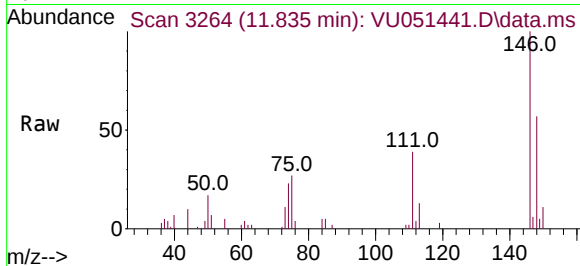




#83
1,4-Dichlorobenzene
Concen: 0.398 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

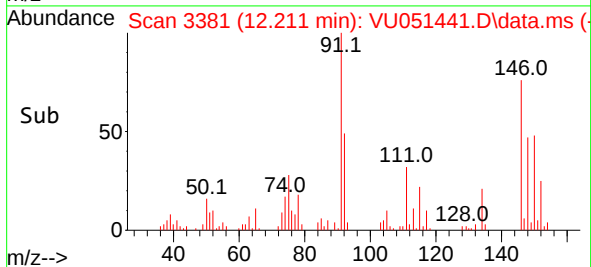
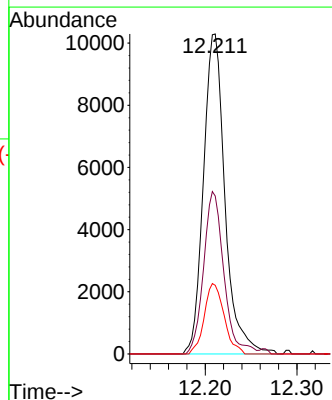
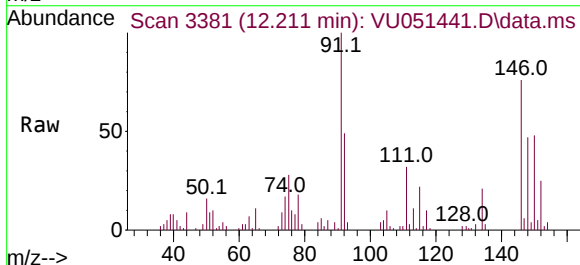
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

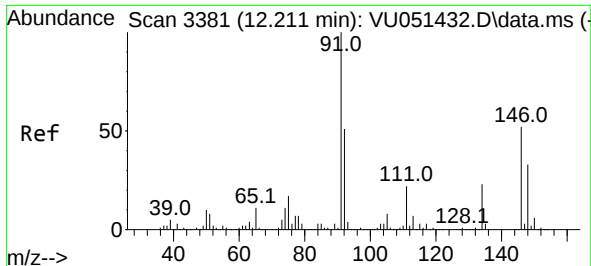
Tgt Ion:146	Resp:	13331
Ion	Ratio	Lower Upper
146	100	
111	38.5	31.6 47.4
148	59.6	50.5 75.7



#84
n-Butylbenzene
Concen: 0.312 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 91	Resp:	16830
Ion	Ratio	Lower Upper
91	100	
92	47.6	40.6 61.0
134	20.2	18.3 27.5

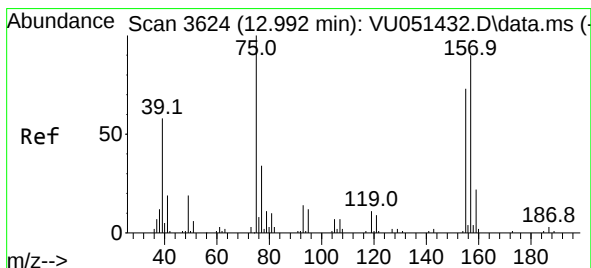
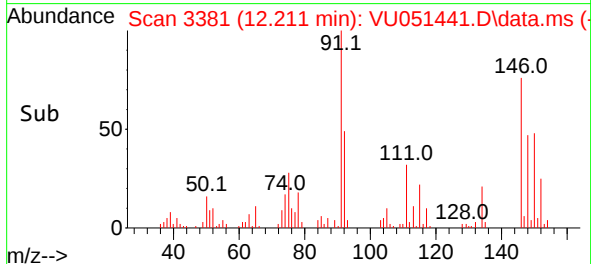
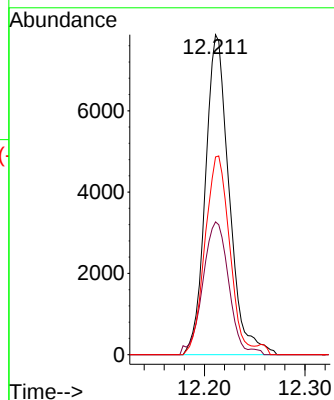
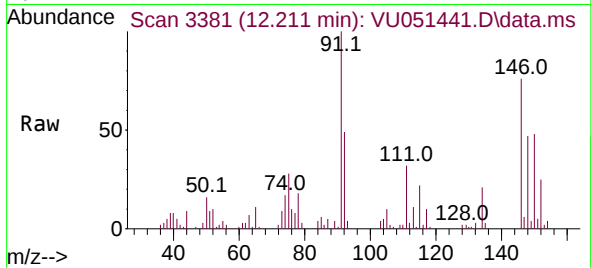




#85
1,2-Dichlorobenzene
Concen: 0.383 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

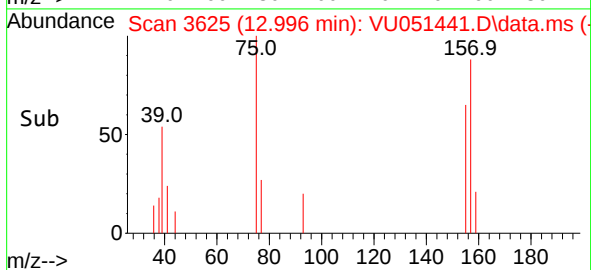
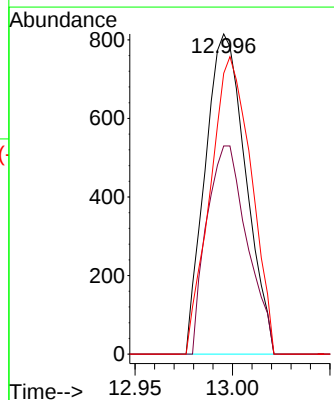
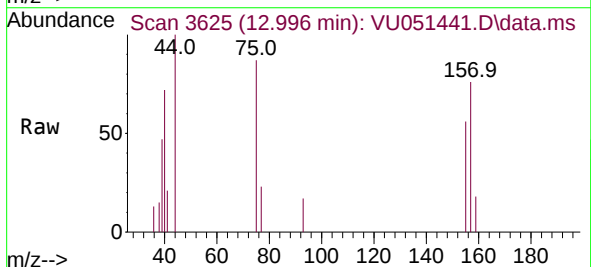
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

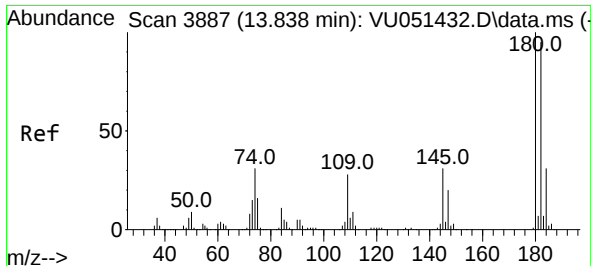
Tgt Ion:146 Resp: 12910
Ion Ratio Lower Upper
146 100
111 45.3 21.3 63.9
148 64.5 31.8 95.4



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.413 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 75 Resp: 1180
Ion Ratio Lower Upper
75 100
155 64.7 58.5 87.7
157 93.9 75.3 112.9





#87

1,2,4-Trichlorobenzene

Concen: 0.358 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

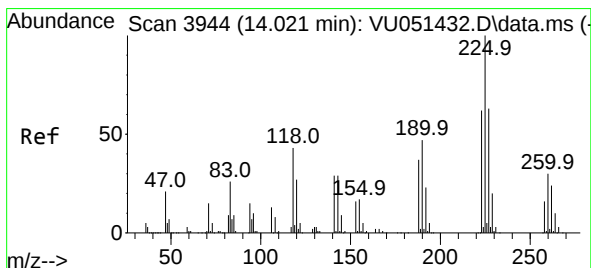
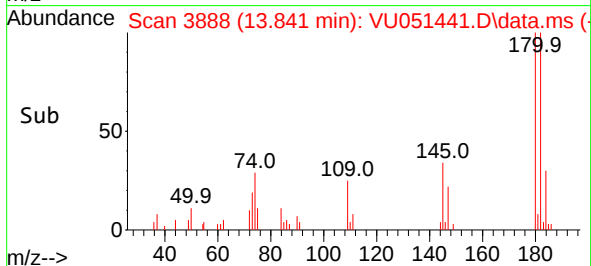
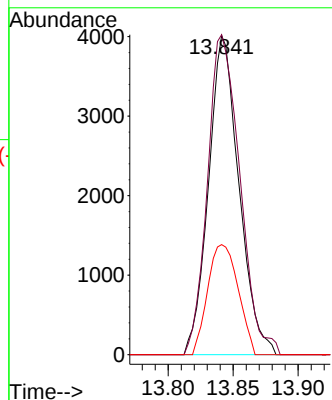
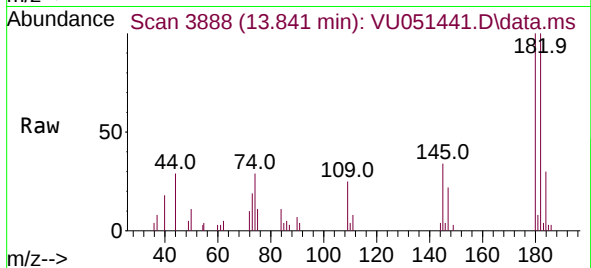
Tgt Ion:180 Resp: 6538

Ion Ratio Lower Upper

180 100

182 106.6 75.9 113.9

145 34.4 24.9 37.3



#88

Hexachlorobutadiene

Concen: 0.469 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

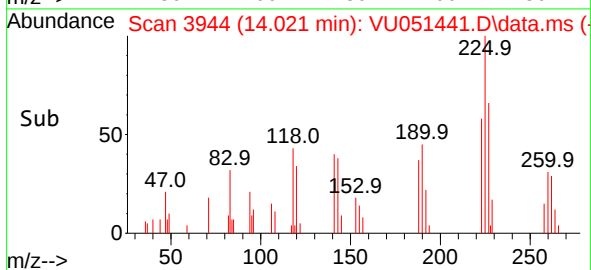
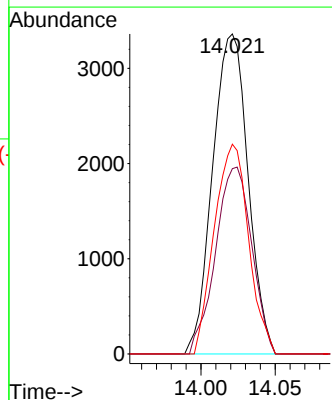
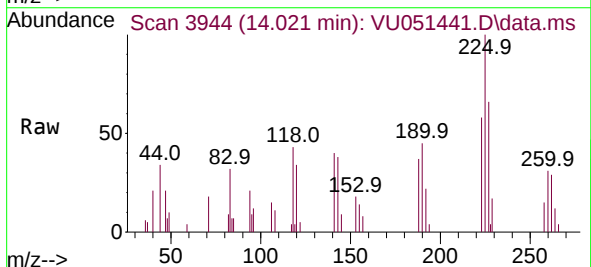
Tgt Ion:225 Resp: 5576

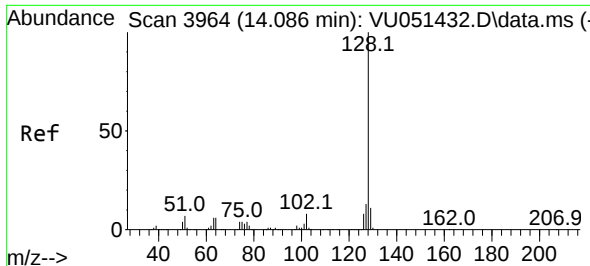
Ion Ratio Lower Upper

225 100

223 59.7 50.1 75.1

227 63.4 51.4 77.2

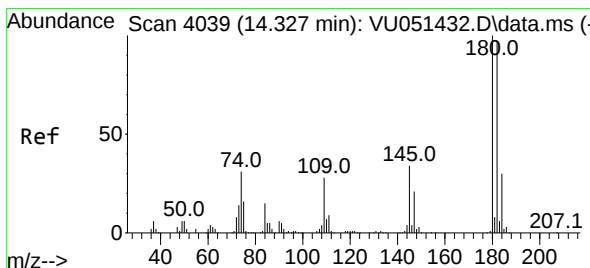
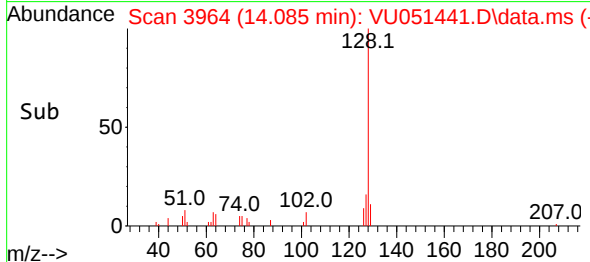
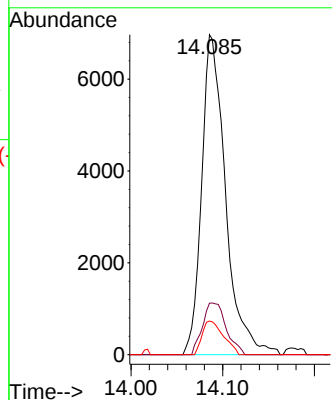
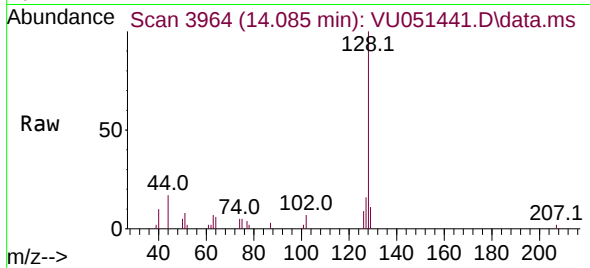




#89
Naphthalene
Concen: 0.330 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:	128	Resp:	12615
Ion Ratio	Lower	Upper	
128	100		
127	16.0	10.7	16.1
129	9.3	8.4	12.6



#90
1,2,3-Trichlorobenzene
Concen: 0.365 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:	180	Resp:	7289
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.8	113.6
145	29.9	26.6	39.8

