

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051442.D
 Acq On : 18 Oct 2022 15:20
 Operator : JC/MD
 Sample : N4955-08 1.0PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 19 03:55:58 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	6.112	96	48074	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14465	0.858	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	17149	0.911	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	15530	0.925	ug/l	96
3) Chloromethane	1.533	50	22546	0.852	ug/l	96
4) Vinyl Chloride	1.604	62	19161	0.837	ug/l	90
5) Bromomethane	1.851	94	13471	1.055	ug/l	99
6) Chloroethane	1.932	64	11619	0.890	ug/l	96
7) Trichlorofluoromethane	2.138	101	22796	0.891	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	13409	0.950	ug/l	97
9) 1,1-Dichloroethene	2.575	96	13213	0.896	ug/l	87
10) Iodomethane	2.720	142	15586	0.815	ug/l	99
11) Allyl Chloride	2.922	41	19750	0.878	ug/l	95
12) Acrylonitrile	3.314	53	7788	1.794	ug/l	93
13) Acetone	2.626	43	13345	4.269	ug/l	97
14) Carbon Disulfide	2.790	76	45979	0.875	ug/l	99
15) Methylene Chloride	3.041	84	25340	1.173	ug/l	92
16) trans-1,2-Dichloroethene	3.347	96	14408	0.852	ug/l	96
17) 1,1-Dichloroethane	3.867	63	27217	0.895	ug/l	99
18) 2-Butanone	4.719	43	13327	3.513	ug/l	98
19) Cyclohexane	5.382	56	13261	0.704	ug/l	93
20) Methylcyclohexane	6.761	83	13865	0.741	ug/l	95
21) 2,2-Dichloropropane	4.662	77	18227	0.858	ug/l	100
22) cis-1,2-Dichloroethene	4.668	96	13371	0.835	ug/l	99
23) Diethyl Ether	2.376	59	10989	0.853	ug/l	95
24) tert-Butyl Alcohol	3.189	59	12106	8.961	ug/l #	93
25) Methyl tert-Butyl Ether	3.366	73	34691	0.904	ug/l	96
26) Bromochloromethane	4.977	128	7279	0.933	ug/l	91
27) Chloroform	5.089	83	27941	0.907	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	20708	0.842	ug/l	98
29) 1,1-Dichloropropene	5.527	75	14447	0.767	ug/l	99
30) Carbon Tetrachloride	5.523	117	17713	0.854	ug/l	99
31) Isopropyl Ether	3.996	45	29812	0.829	ug/l	93
32) Ethyl-t-butyl ether	4.504	59	25554	0.778	ug/l	100
33) Tert-Amyl methyl ether	5.941	73	21814	0.756	ug/l	98
34) Propionitrile	4.787	54	5392	4.228	ug/l #	87
35) Benzene	5.774	78	50969	0.807	ug/l	99
36) 1,2-Dichloroethane	5.793	62	17045	0.874	ug/l	99
37) Trichloroethene	6.539	130	11972	0.807	ug/l	93
38) 1,2-Dichloropropane	6.793	63	14847	0.856	ug/l	100
39) Methacrylonitrile	4.980	41	3204	0.735	ug/l	93
40) Methyl acrylate	4.864	55	5078	0.731	ug/l #	91
41) Tetrahydrofuran	5.070	42	3745	1.636	ug/l #	74
42) 1-Chlorobutane	5.456	56	19811	0.771	ug/l	98
43) Dibromomethane	6.919	93	7488	0.832	ug/l	96
44) Bromodichloromethane	7.102	83	18021	0.828	ug/l	99

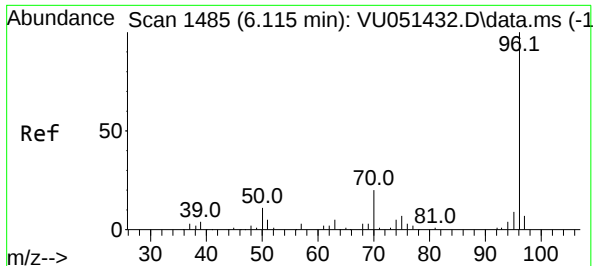
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	30727	3.587	ug/l	94
46) t-1,4-Dichloro-2-butene	10.822	75	16041	3.356	ug/l #	51
47) Methyl methacrylate	6.964	69	9819	1.427	ug/l	93
48) Ethyl methacrylate	8.333	69	7776	0.675	ug/l	90
49) Toluene	7.967	92	24374	0.703	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	13358	0.763	ug/l	96
51) cis-1,3-Dichloropropene	7.610	75	16537	0.801	ug/l	97
52) 1,1,2-Trichloroethane	8.401	97	11659	0.908	ug/l	95
53) 1,3-Dichloropropane	8.575	76	16921	0.817	ug/l	99
54) 2-Hexanone	8.687	43	20763	3.525	ug/l	89
55) Dibromochloromethane	8.806	129	11523	0.825	ug/l	94
56) 1,2-Dibromoethane	8.925	107	9261	0.820	ug/l	98
58) Tetrachloroethene	8.552	164	10516	0.814	ug/l	96
59) Chlorobenzene	9.446	112	29232	0.768	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.533	131	12545	0.861	ug/l	95
61) Pentachloroethane	11.427	117	10229	0.787	ug/l	98
62) Hexachloroethane	12.472	117	10046	0.814	ug/l	98
63) Ethyl Benzene	9.568	91	37029	0.642	ug/l	98
64) m/p-Xylenes	9.690	106	26263	1.142	ug/l	92
65) o-Xylene	10.099	106	14376	0.643	ug/l	96
66) Styrene	10.115	104	21456	0.578	ug/l	96
67) Bromoform	10.292	173	6158	0.785	ug/l #	97
69) Isopropylbenzene	10.481	105	35567	0.646	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.784	83	14967	0.861	ug/l	98
71) 1,2,3-Trichloropropane	10.822	75	16041	1.243	ug/l	75
72) Bromobenzene	10.784	156	10957	0.724	ug/l	97
73) n-propylbenzene	10.903	120	8776	0.567	ug/l	92
74) 2-Chlorotoluene	10.983	126	9391	0.638	ug/l	92
75) 1,3,5-Trimethylbenzene	11.086	105	28026	0.562	ug/l	100
76) 4-Chlorotoluene	11.099	126	9169	0.609	ug/l	91
77) tert-Butylbenzene	11.420	119	30718	0.630	ug/l	97
78) 1,2,4-Trimethylbenzene	11.465	105	29102	0.560	ug/l	99
79) sec-Butylbenzene	11.642	105	36572	0.567	ug/l	98
80) Nitrobenzene	13.214	77	3204	3.724	ug/l #	94
81) p-Isopropyltoluene	11.793	119	28110	0.544	ug/l	94
82) 1,3-Dichlorobenzene	11.745	146	23453	0.722	ug/l	97
83) 1,4-Dichlorobenzene	11.835	146	21715	0.683	ug/l	93
84) n-Butylbenzene	12.208	91	27029	0.528	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	23332	0.729	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	2000	0.736	ug/l	90
87) 1,2,4-Trichlorobenzene	13.841	180	11493	0.663	ug/l	98
88) Hexachlorobutadiene	14.018	225	8793	0.777	ug/l	98
89) Naphthalene	14.089	128	19151	0.528	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	11620	0.612	ug/l	97

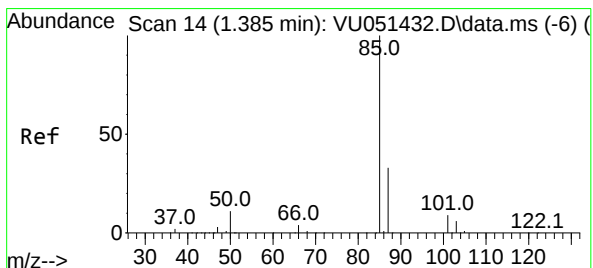
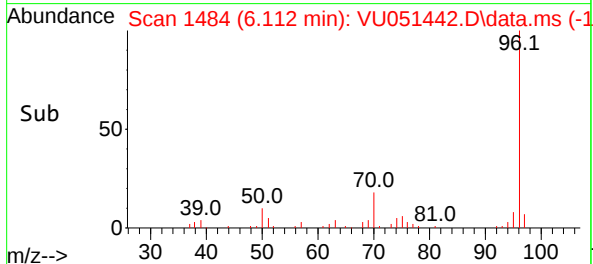
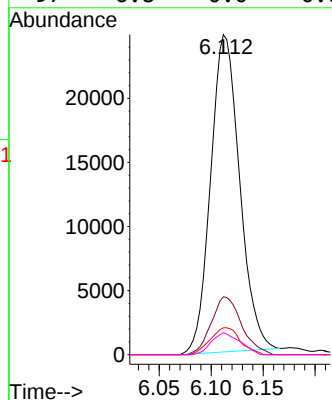
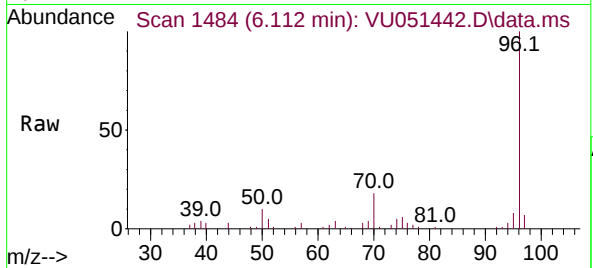
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051442.D
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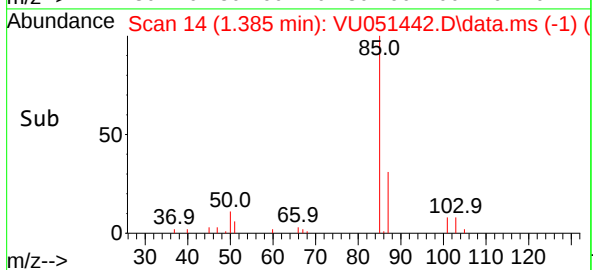
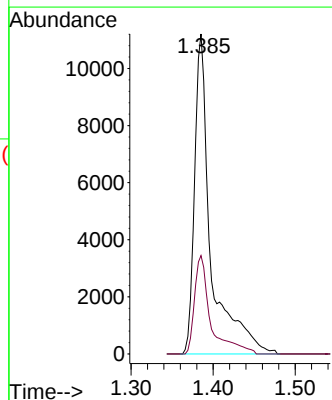
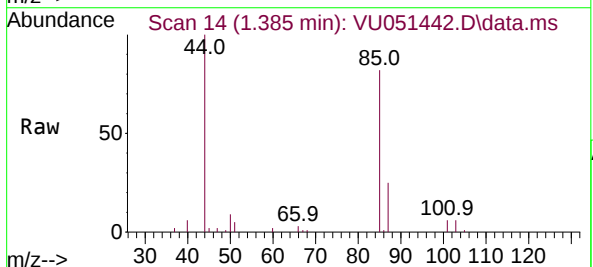
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

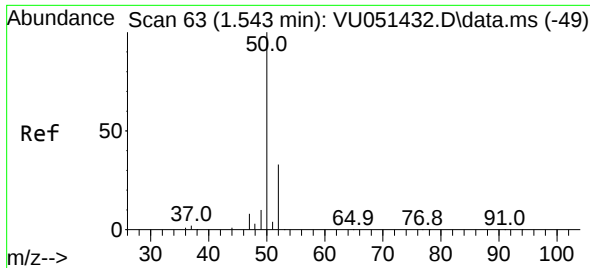
Tgt Ion:	96	Resp:	48074
Ion	Ratio	Lower	Upper
96	100		
70	19.0	16.7	25.1
95	8.8	7.5	11.3
97	6.8	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.925 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:	85	Resp:	15530
Ion	Ratio	Lower	Upper
85	100		
87	30.7	16.4	49.4

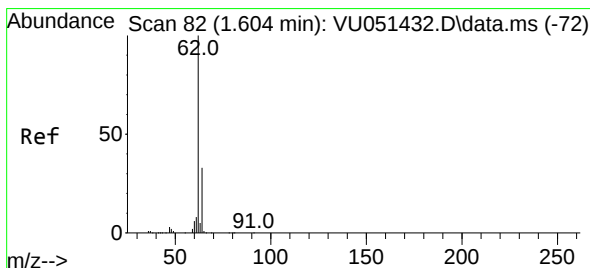
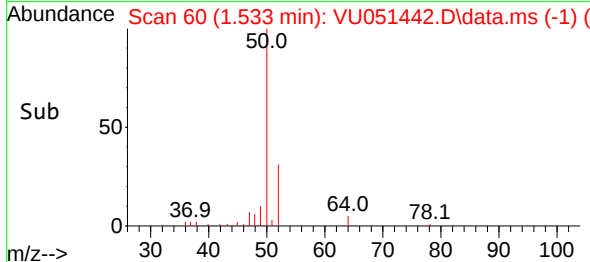
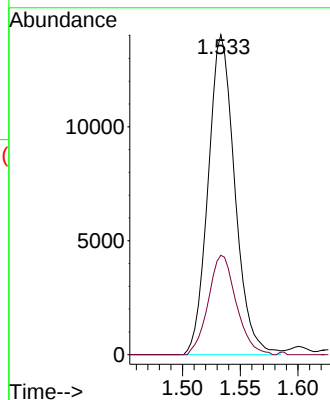
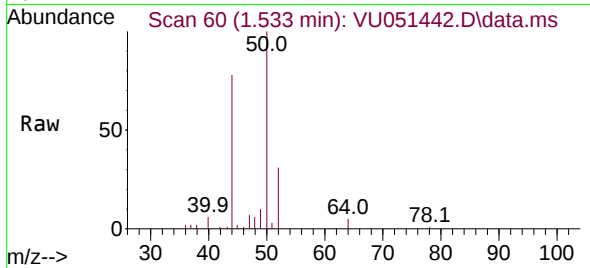




#3
Chloromethane
Concen: 0.852 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

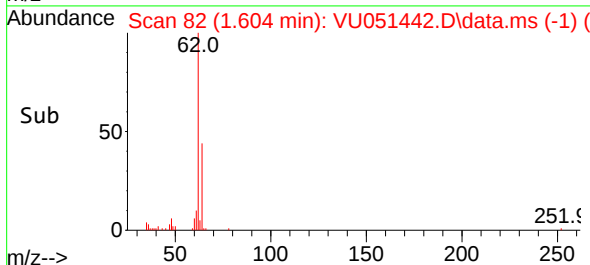
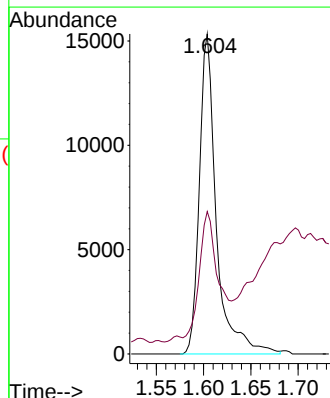
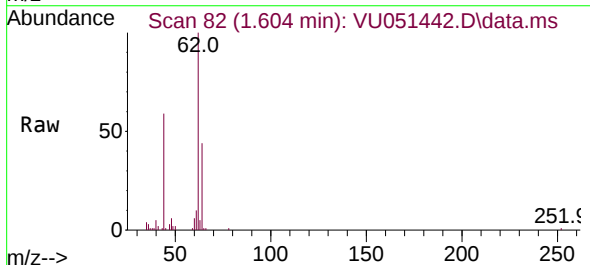
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

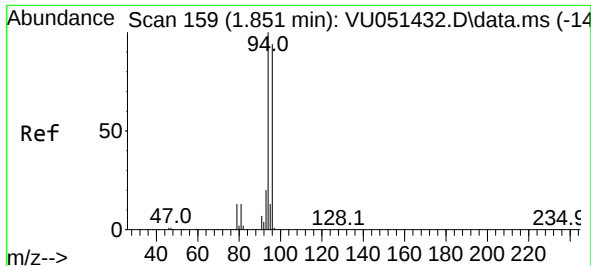
Tgt Ion: 50 Resp: 22546
Ion Ratio Lower Upper
50 100
52 31.0 26.7 40.1



#4
Vinyl Chloride
Concen: 0.837 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 62 Resp: 19161
Ion Ratio Lower Upper
62 100
64 39.2 26.7 40.1

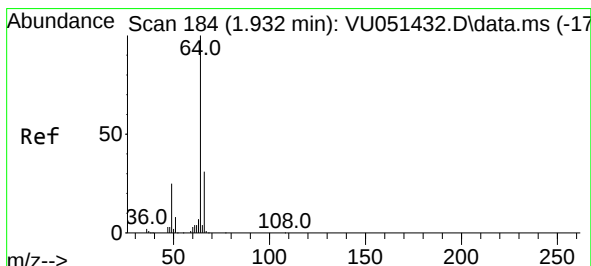
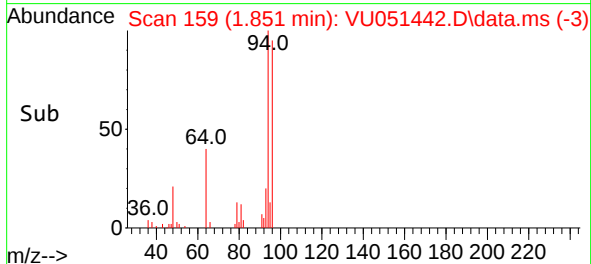
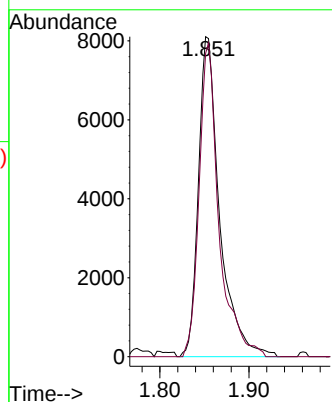
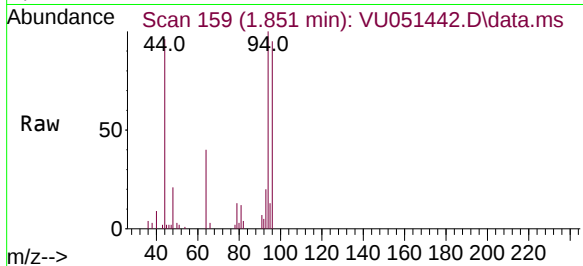




#5
Bromomethane
Concen: 1.055 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

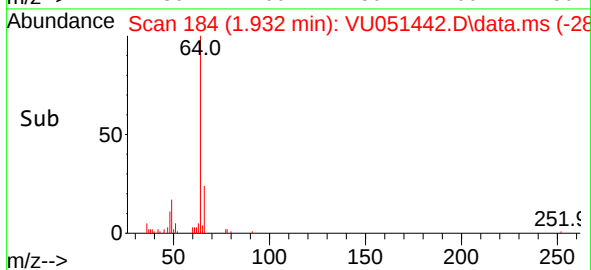
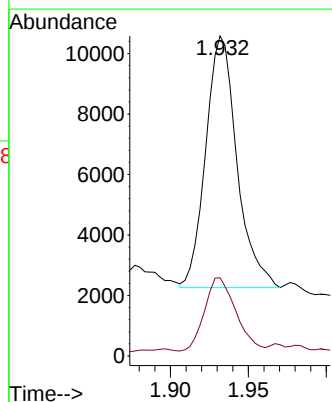
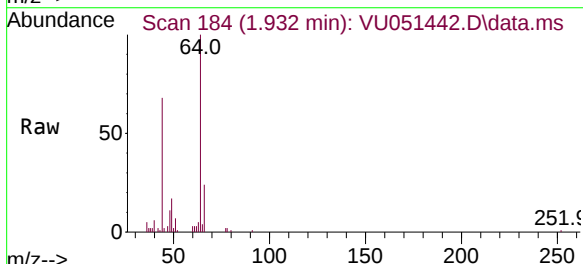
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

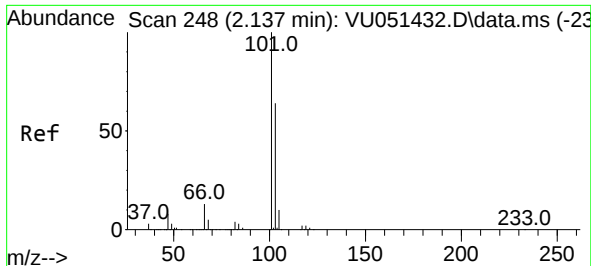
Tgt Ion: 94 Resp: 13471
Ion Ratio Lower Upper
94 100
96 94.8 74.8 112.2



#6
Chloroethane
Concen: 0.890 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 64 Resp: 11619
Ion Ratio Lower Upper
64 100
66 29.1 25.2 37.8

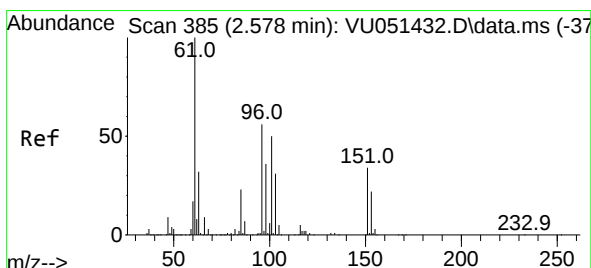
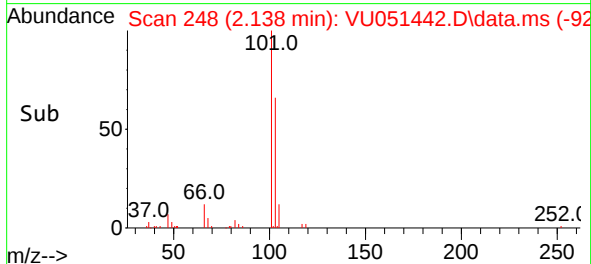
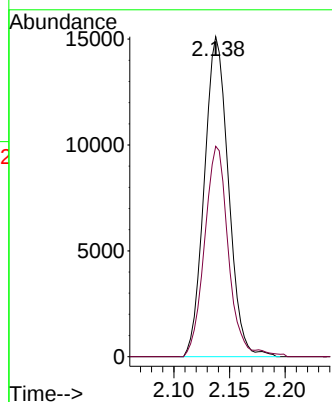
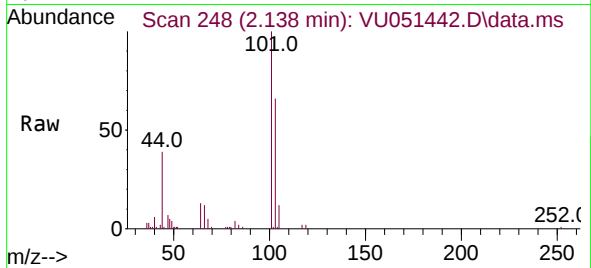




#7
Trichlorofluoromethane
Concen: 0.891 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

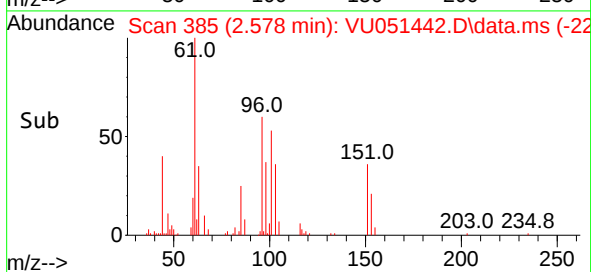
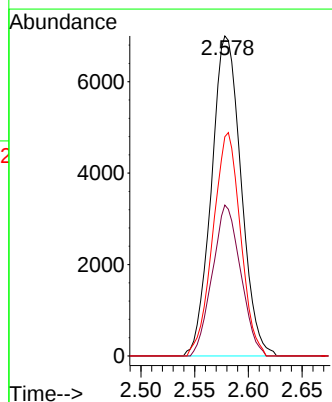
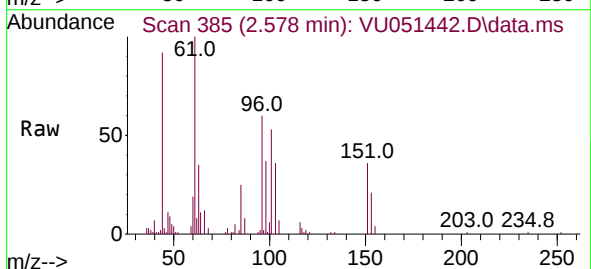
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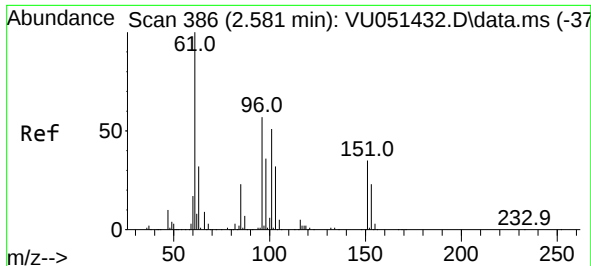
Tgt Ion:101 Resp: 22796
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.950 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:101 Resp: 13409
Ion Ratio Lower Upper
101 100
85 45.0 36.6 54.8
151 65.1 54.6 81.8

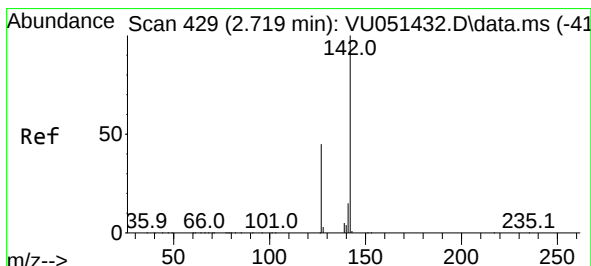
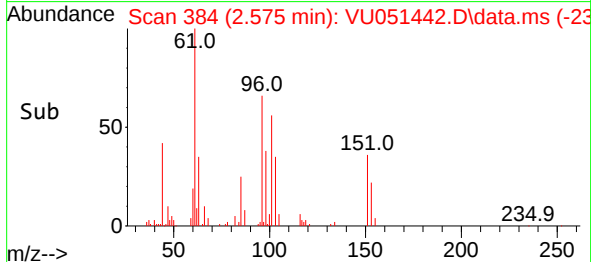
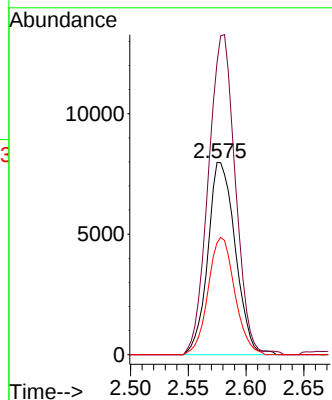
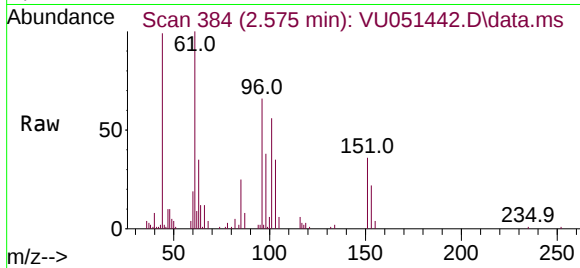




#9
1,1-Dichloroethene
Concen: 0.896 ug/l
RT: 2.575 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

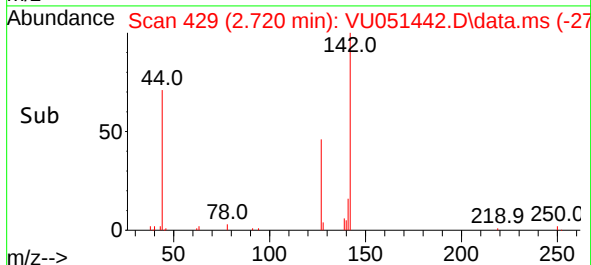
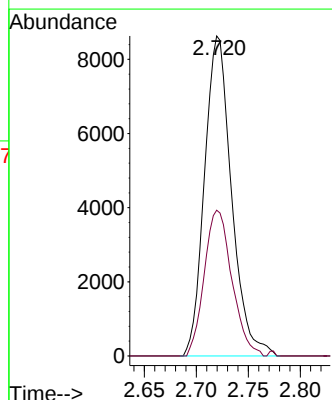
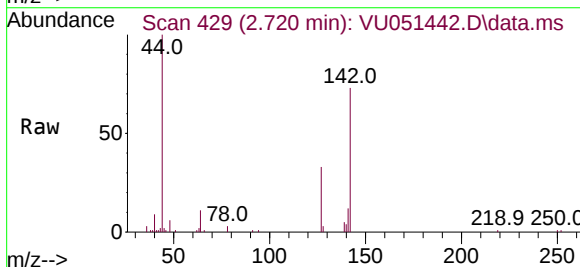
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

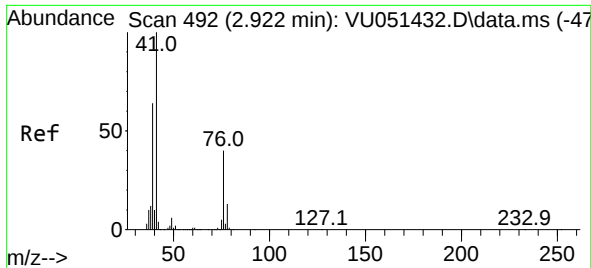
Tgt Ion: 96 Resp: 13213
Ion Ratio Lower Upper
96 100
61 151.9 0.0 522.3
98 58.2 0.0 126.6



#10
Iodomethane
Concen: 0.815 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.001 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 142 Resp: 15586
Ion Ratio Lower Upper
142 100
127 46.5 37.0 55.4

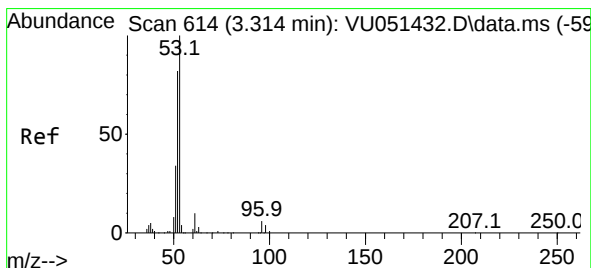
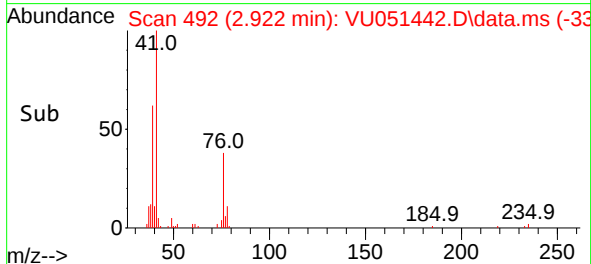
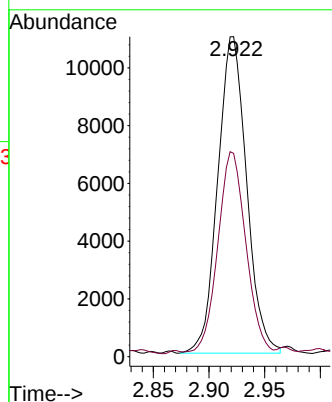
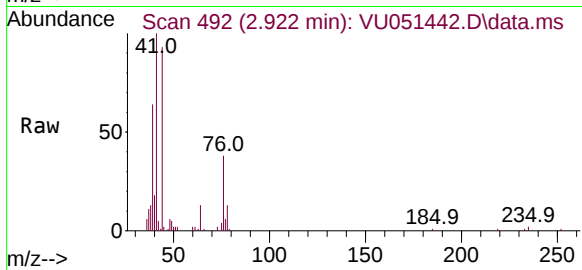




#11
 Allyl Chloride
 Concen: 0.878 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU051442.D
 Acq: 18 Oct 2022 15:20

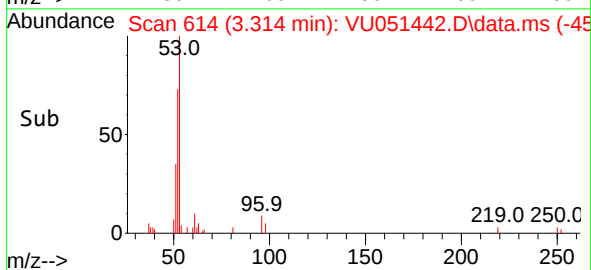
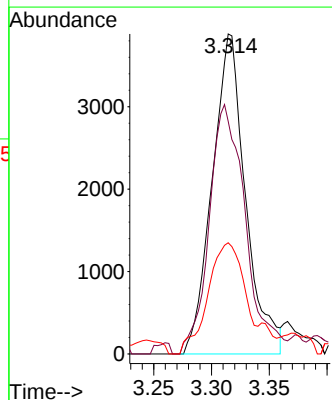
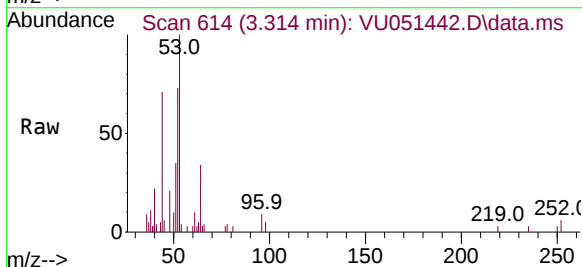
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

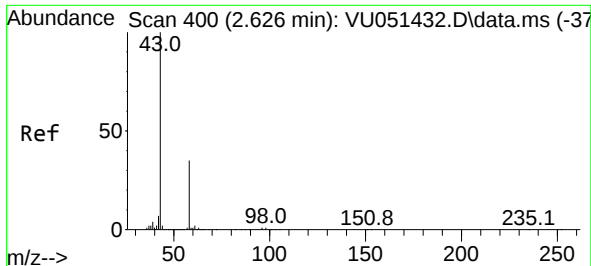
Tgt Ion: 41 Resp: 19750
 Ion Ratio Lower Upper
 41 100
 39 60.5 51.4 77.0



#12
 Acrylonitrile
 Concen: 1.794 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VU051442.D
 Acq: 18 Oct 2022 15:20

Tgt Ion: 53 Resp: 7788
 Ion Ratio Lower Upper
 53 100
 52 85.0 63.9 95.9
 51 38.2 25.9 38.9





#13

Acetone

Concen: 4.269 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

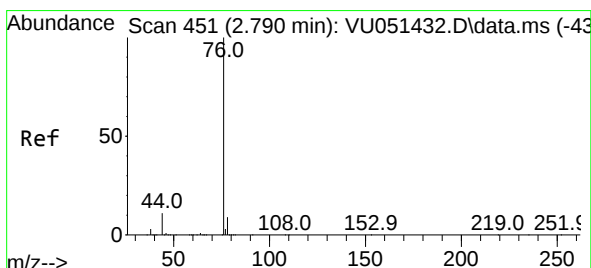
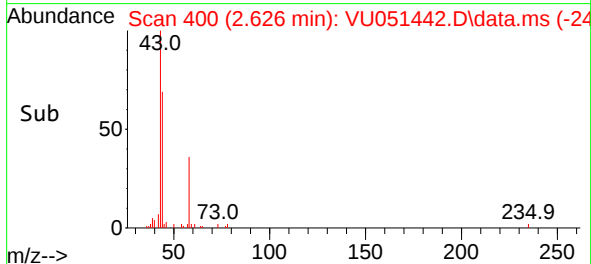
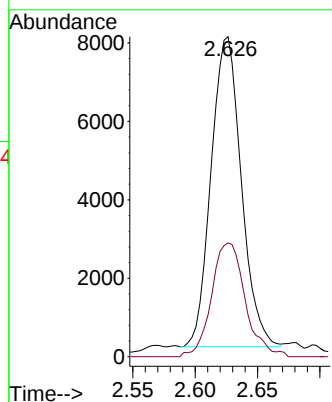
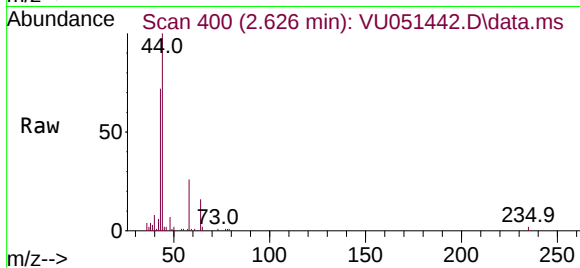
LOQ-WATER-02-QT4-2022

Tgt Ion: 43 Resp: 13345

Ion Ratio Lower Upper

43 100

58 36.7 27.9 41.9



#14

Carbon Disulfide

Concen: 0.875 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051442.D

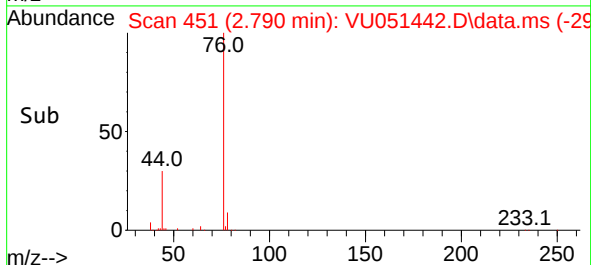
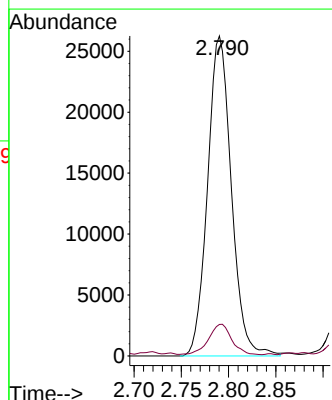
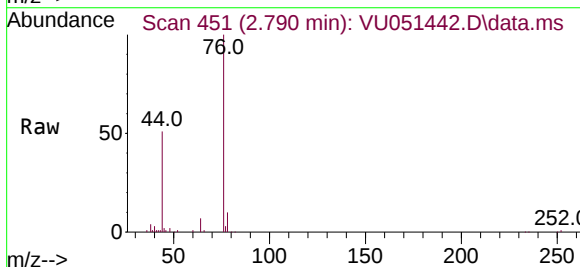
Acq: 18 Oct 2022 15:20

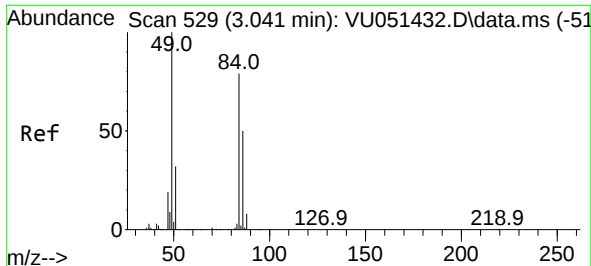
Tgt Ion: 76 Resp: 45979

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

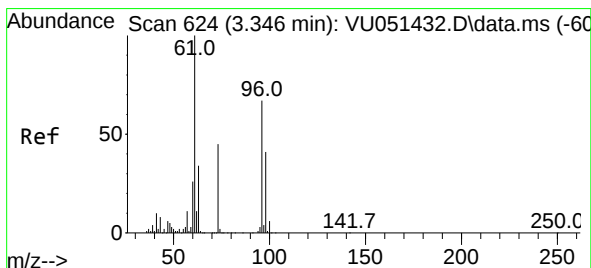
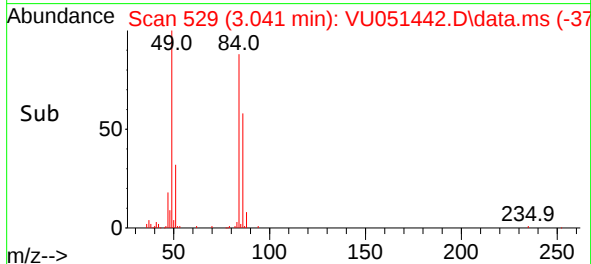
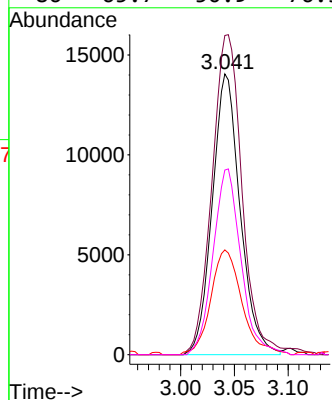
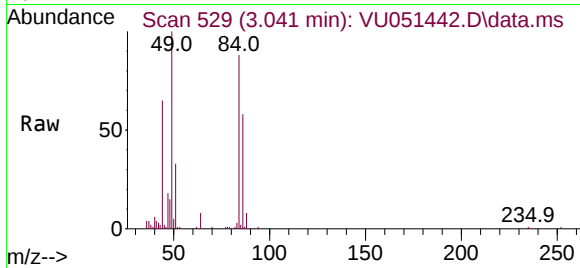




#15
Methylene Chloride
Concen: 1.173 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

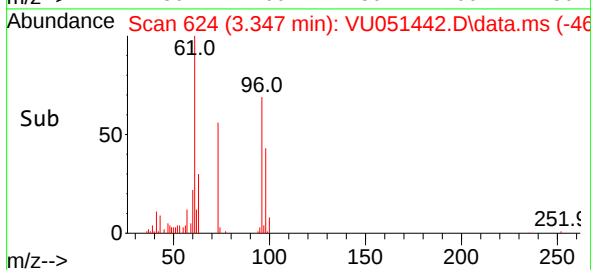
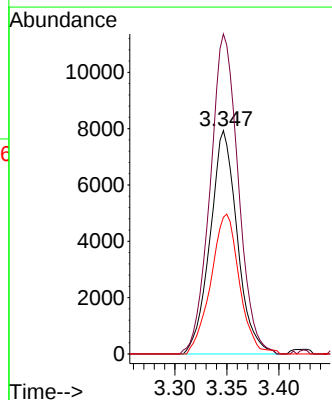
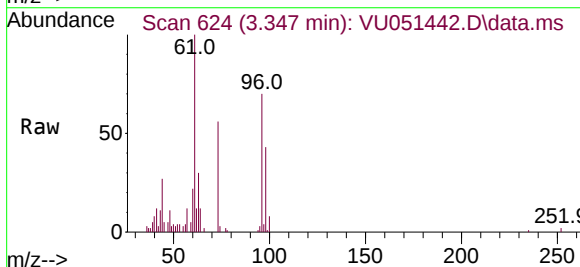
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

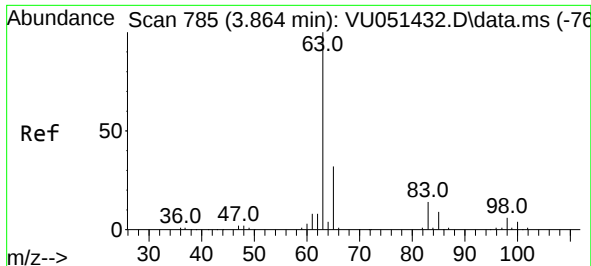
Tgt Ion: 84	Resp: 25340		
Ion	Ratio	Lower	Upper
84	100		
49	113.7	101.1	151.7
51	37.3	0.0	80.2
86	65.7	50.9	76.3



#16
trans-1,2-Dichloroethene
Concen: 0.852 ug/l
RT: 3.347 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 96	Resp: 14408		
Ion Ratio	Lower	Upper	
96	100		
61	143.2	119.9	179.9
98	61.2	49.5	74.3

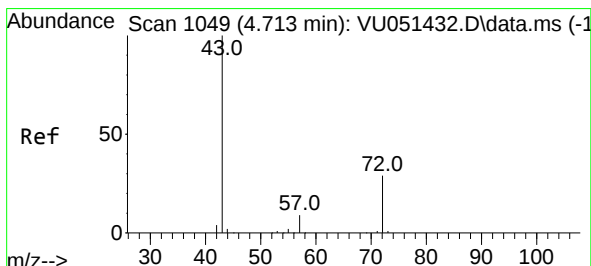
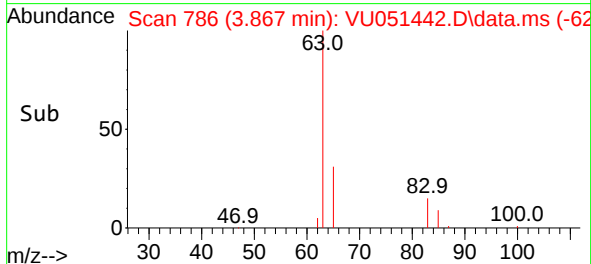
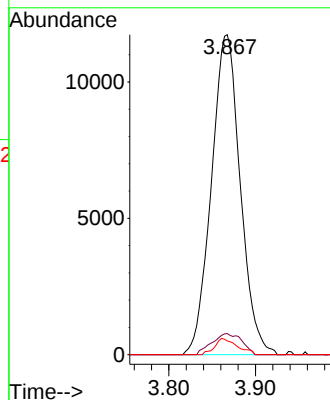
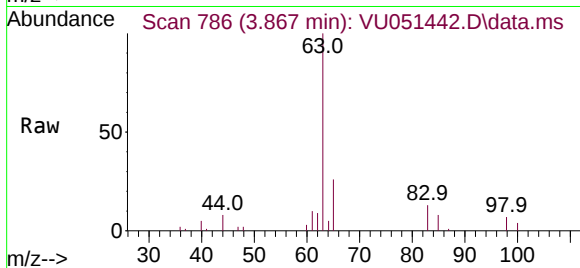




#17
 1,1-Dichloroethane
 Concen: 0.895 ug/l
 RT: 3.867 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU051442.D
 Acq: 18 Oct 2022 15:20

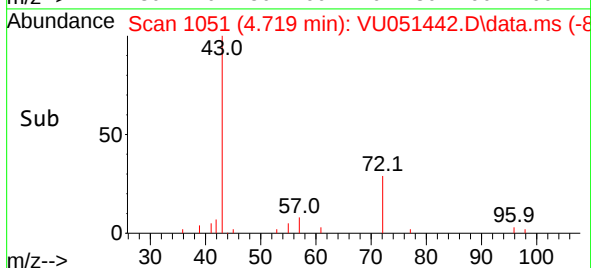
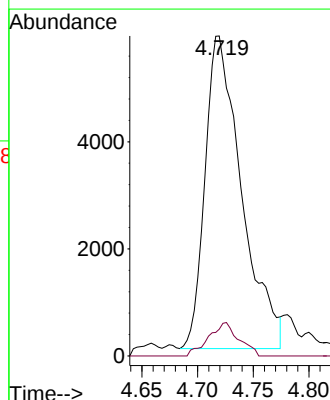
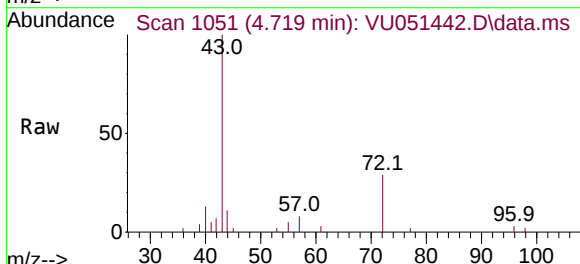
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

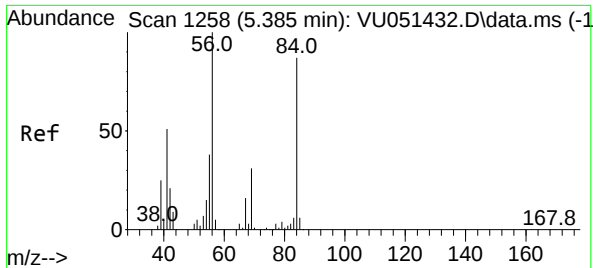
Tgt Ion:	63	Resp:	27217
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.1	9.3
100	4.3	2.1	6.3



#18
 2-Butanone
 Concen: 3.513 ug/l
 RT: 4.719 min Scan# 1051
 Delta R.T. 0.007 min
 Lab File: VU051442.D
 Acq: 18 Oct 2022 15:20

Tgt Ion:	43	Resp:	13327
Ion	Ratio	Lower	Upper
43	100		
57	8.5	0.0	18.2





#19

Cyclohexane

Concen: 0.704 ug/l

RT: 5.382 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

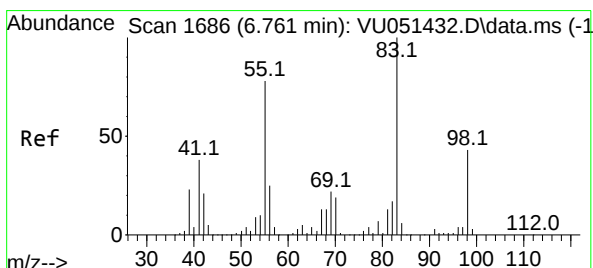
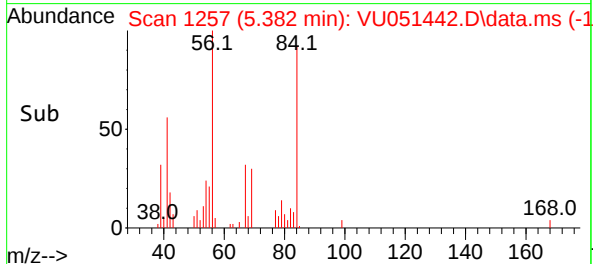
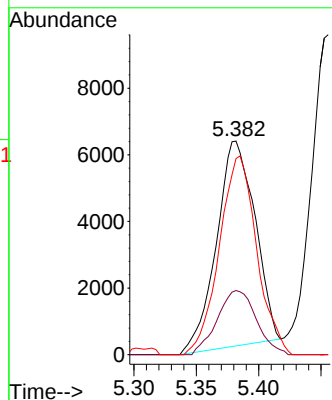
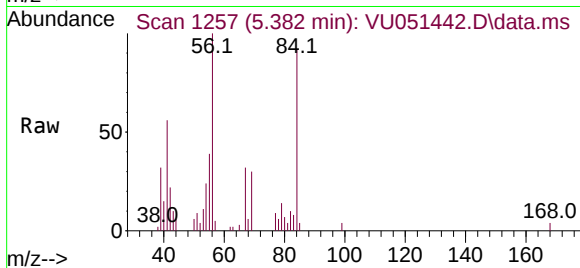
Tgt Ion: 56 Resp: 13261

Ion Ratio Lower Upper

56 100

69 31.7 25.0 37.4

84 93.9 68.5 102.7



#20

Methylcyclohexane

Concen: 0.741 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

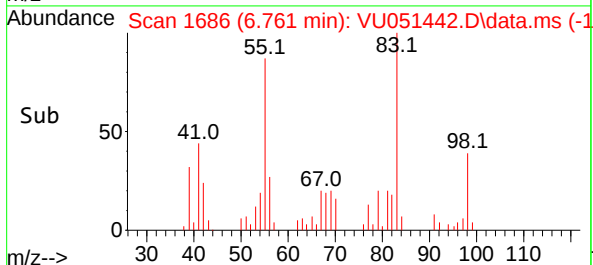
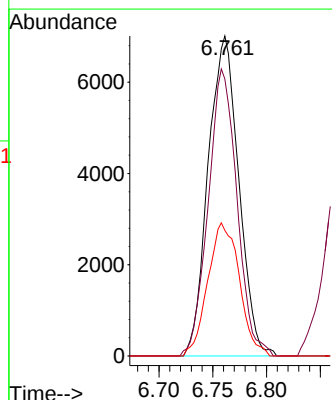
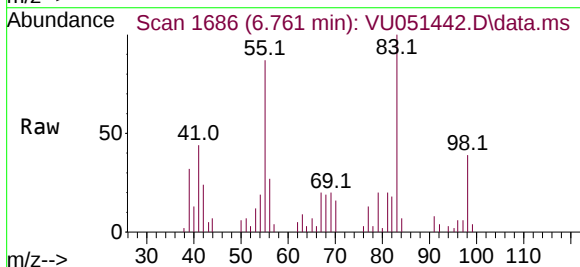
Tgt Ion: 83 Resp: 13865

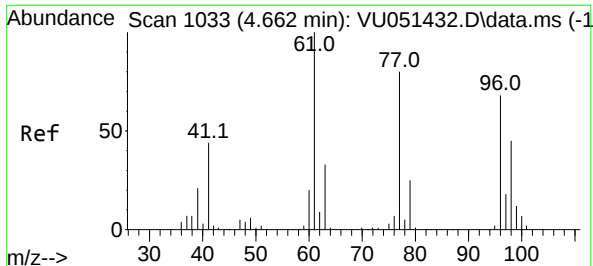
Ion Ratio Lower Upper

83 100

55 84.3 62.4 93.6

98 42.9 35.5 53.3





#21

2,2-Dichloropropane

Concen: 0.858 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

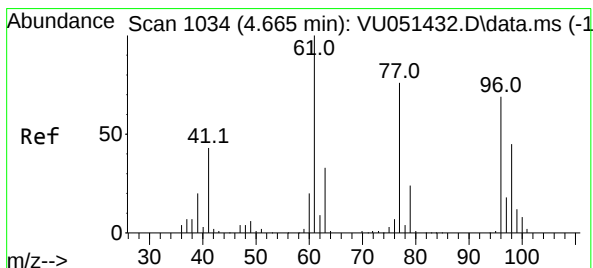
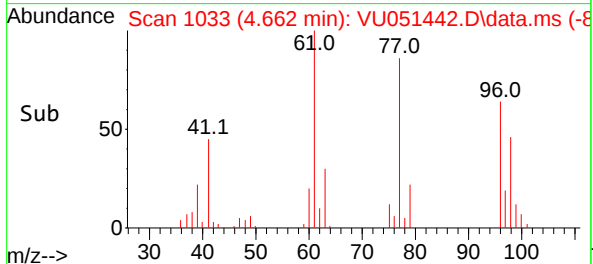
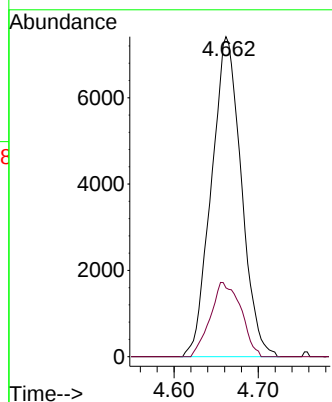
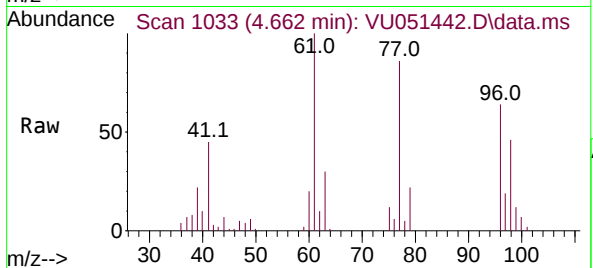
LOQ-WATER-02-QT4-2022

Tgt Ion: 77 Resp: 18227

Ion Ratio Lower Upper

77 100

97 23.8 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 0.835 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

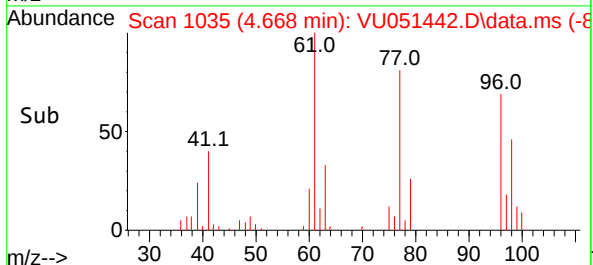
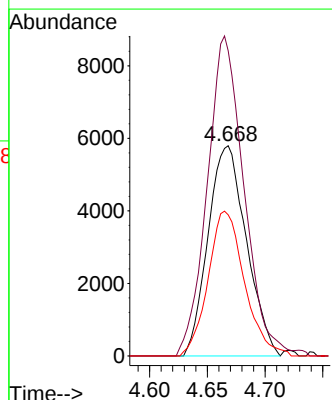
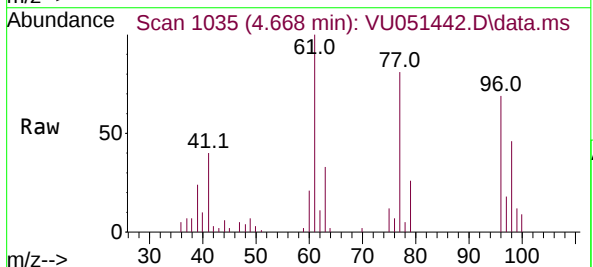
Tgt Ion: 96 Resp: 13371

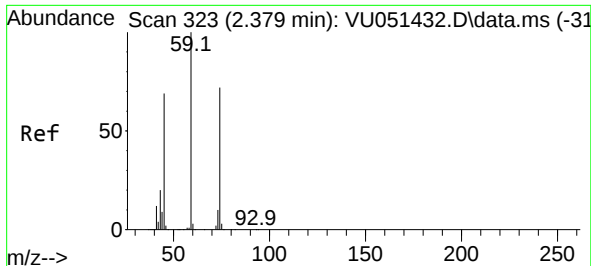
Ion Ratio Lower Upper

96 100

61 146.2 0.0 362.8

98 65.3 32.5 97.5

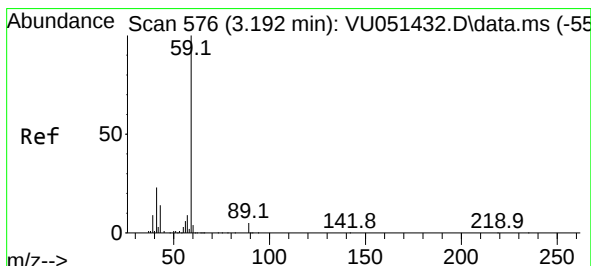
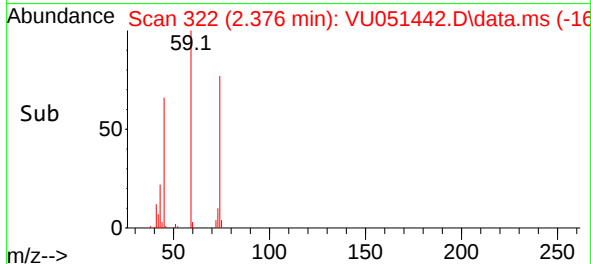
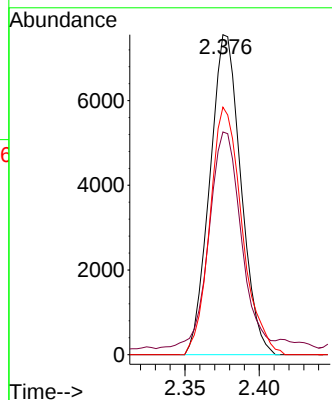
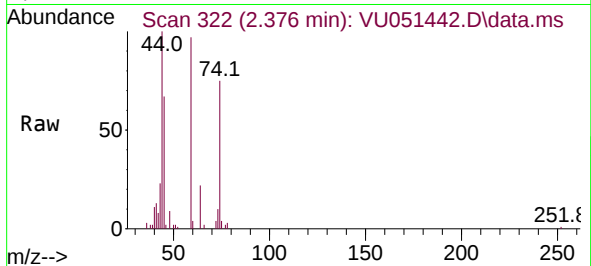




#23
Diethyl Ether
Concen: 0.853 ug/l
RT: 2.376 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

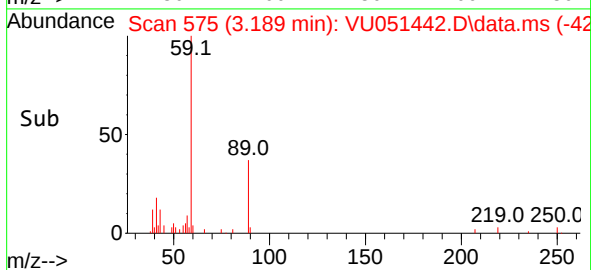
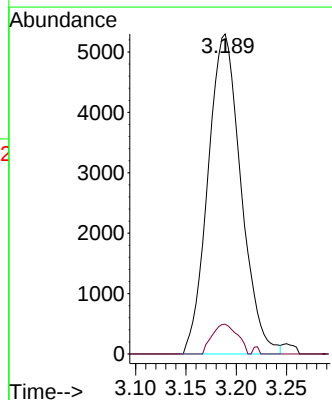
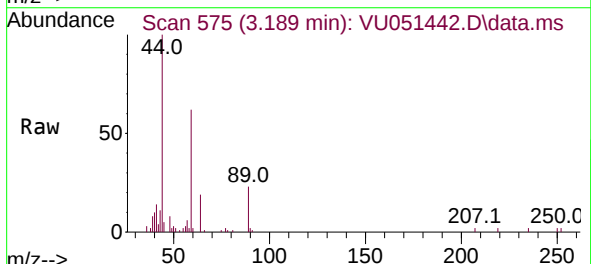
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

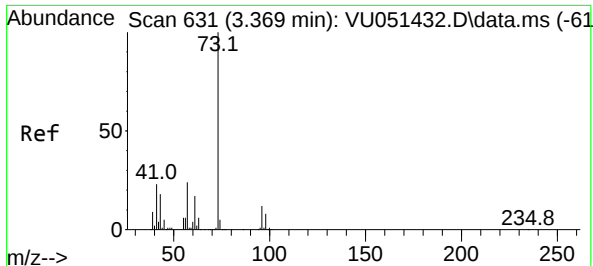
Tgt Ion: 59 Resp: 10989
Ion Ratio Lower Upper
59 100
45 68.7 55.7 83.5
74 80.1 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 8.961 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 59 Resp: 12106
Ion Ratio Lower Upper
59 100
57 7.1 7.8 11.8#

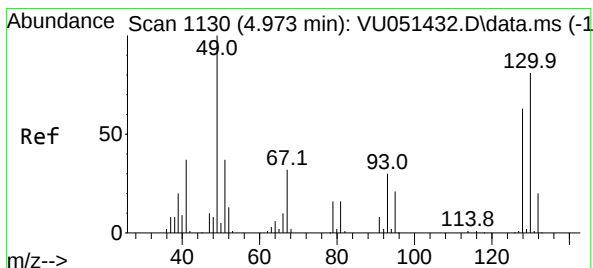
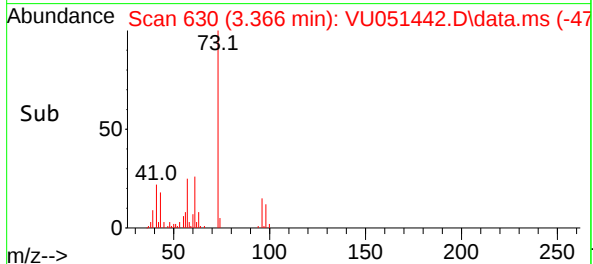
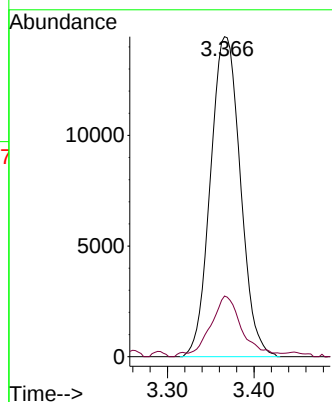
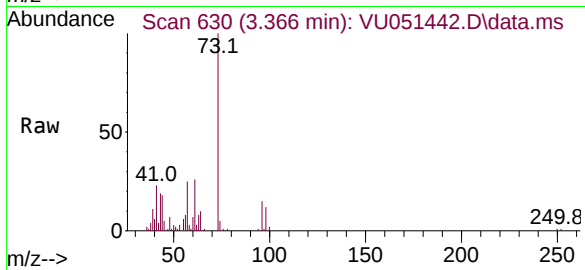




#25
Methyl tert-Butyl Ether
Concen: 0.904 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

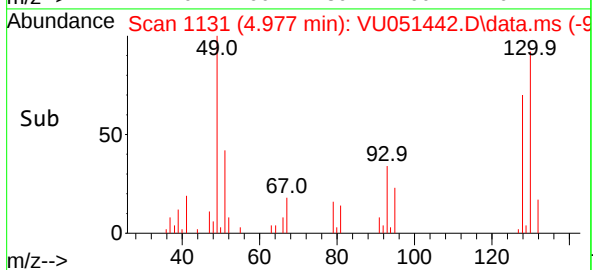
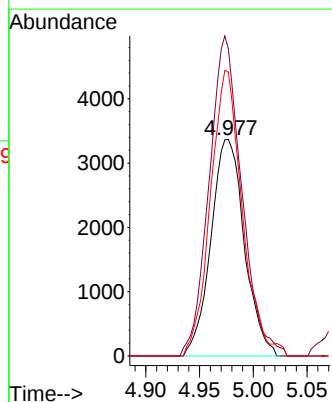
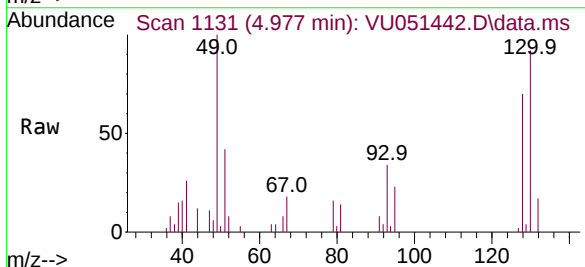
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

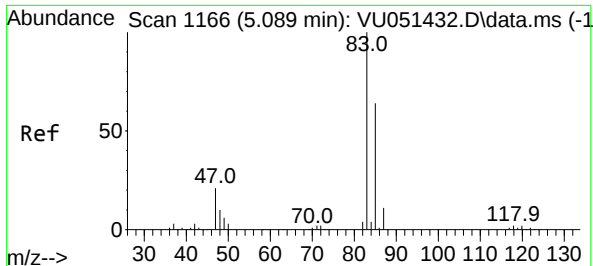
Tgt Ion: 73 Resp: 34691
Ion Ratio Lower Upper
73 100
43 19.6 14.2 21.4



#26
Bromochloromethane
Concen: 0.933 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 128 Resp: 7279
Ion Ratio Lower Upper
128 100
49 143.8 0.0 320.4
130 126.0 105.0 157.6





#27

Chloroform

Concen: 0.907 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

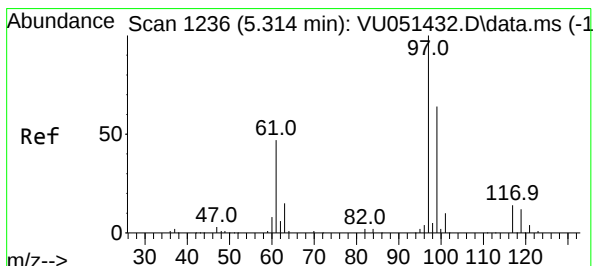
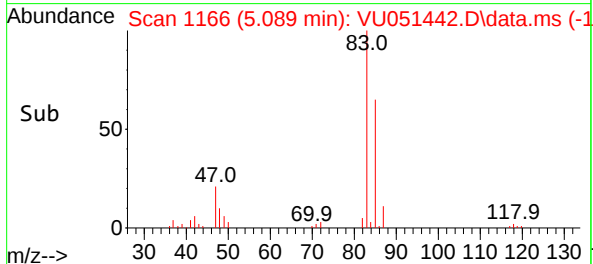
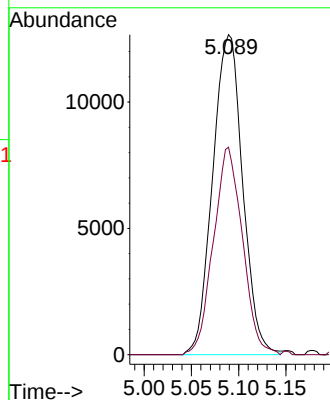
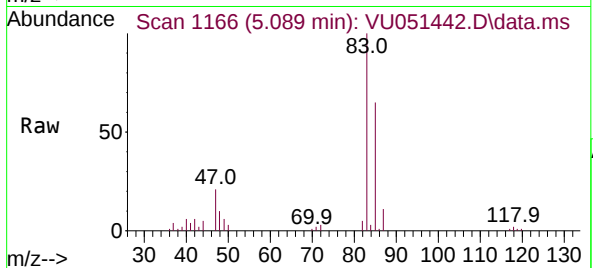
LOQ-WATER-02-QT4-2022

Tgt Ion: 83 Resp: 27941

Ion Ratio Lower Upper

83 100

85 64.8 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 0.842 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

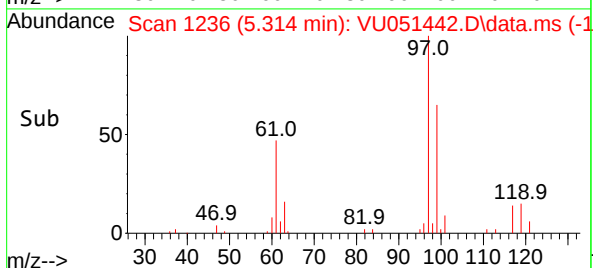
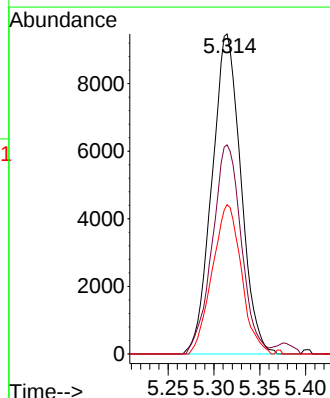
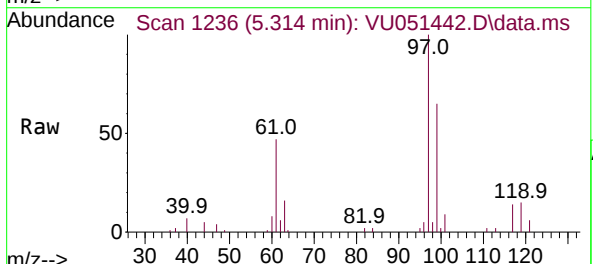
Tgt Ion: 97 Resp: 20708

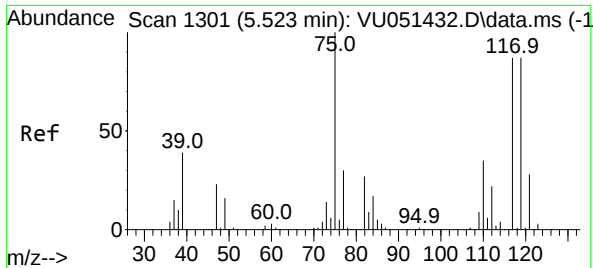
Ion Ratio Lower Upper

97 100

99 65.9 31.8 95.4

61 47.1 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.767 ug/l

RT: 5.527 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

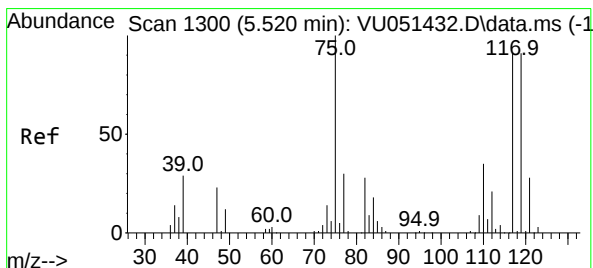
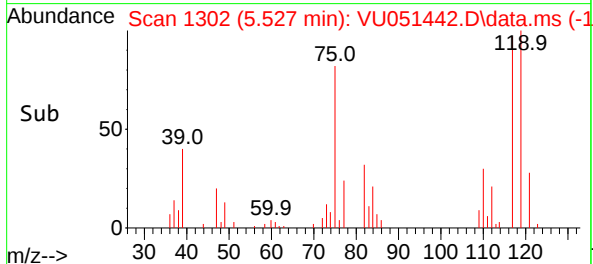
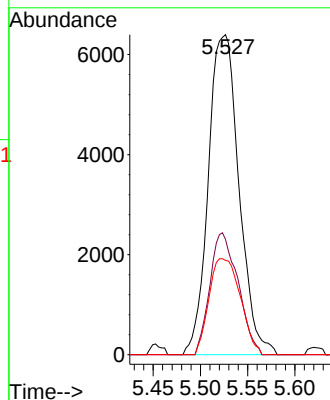
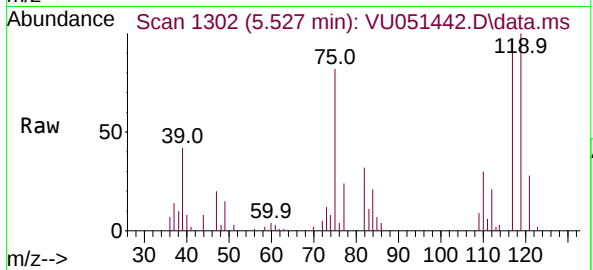
Tgt Ion: 75 Resp: 14447

Ion Ratio Lower Upper

75 100

110 34.9 17.8 53.3

77 30.5 24.2 36.4



#30

Carbon Tetrachloride

Concen: 0.854 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

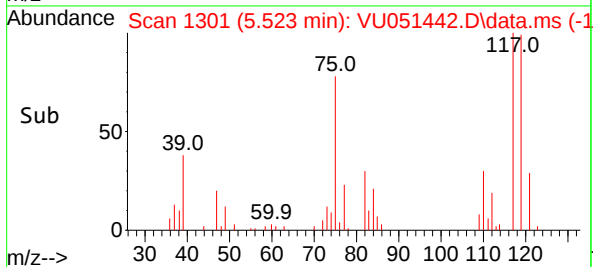
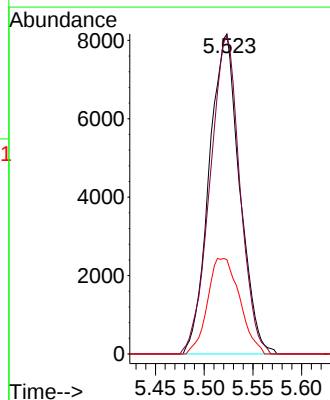
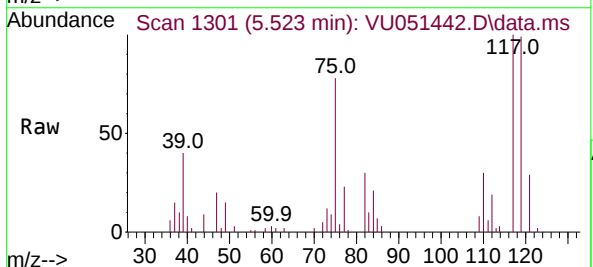
Tgt Ion: 117 Resp: 17713

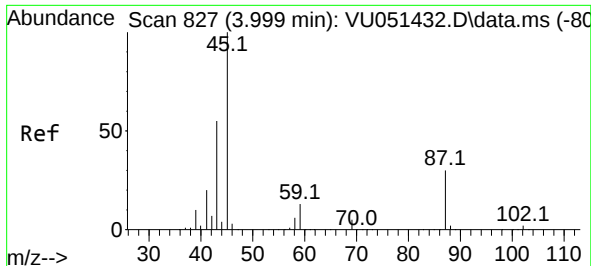
Ion Ratio Lower Upper

117 100

119 99.4 80.0 120.0

121 29.4 24.9 37.3

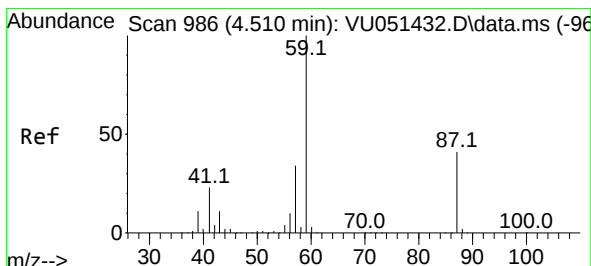
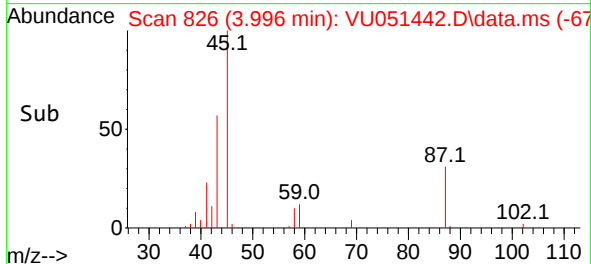
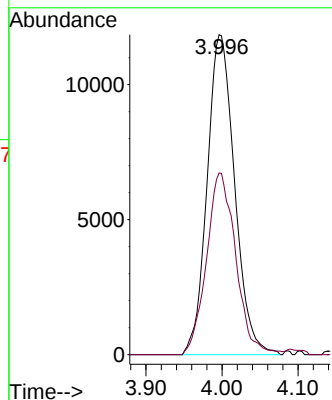
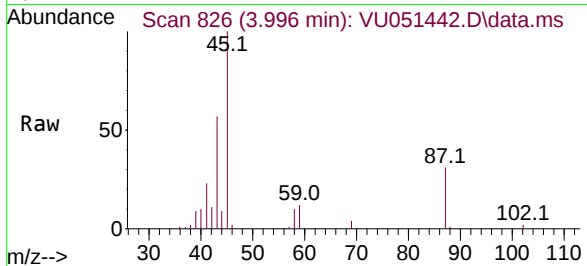




#31
Isopropyl Ether
Concen: 0.829 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

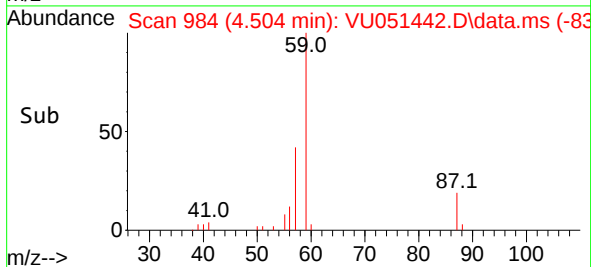
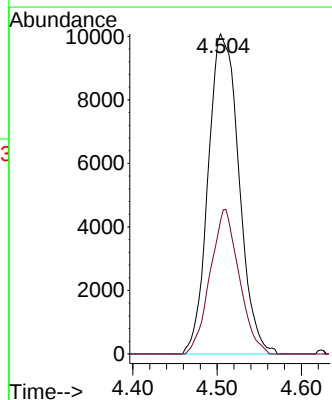
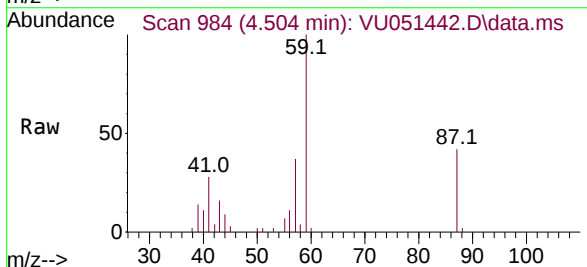
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

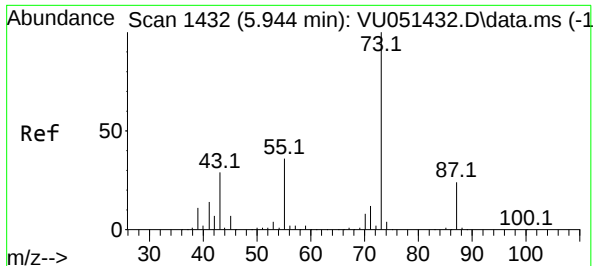
Tgt Ion: 45 Resp: 29812
Ion Ratio Lower Upper
45 100
43 60.3 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 0.778 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 59 Resp: 25554
Ion Ratio Lower Upper
59 100
87 42.6 33.8 50.8

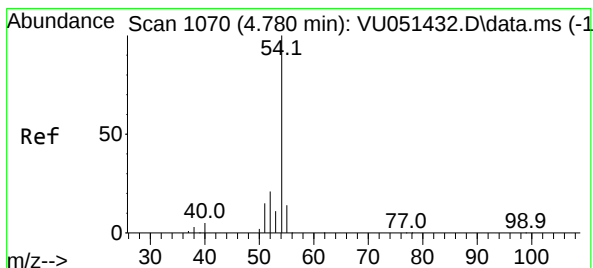
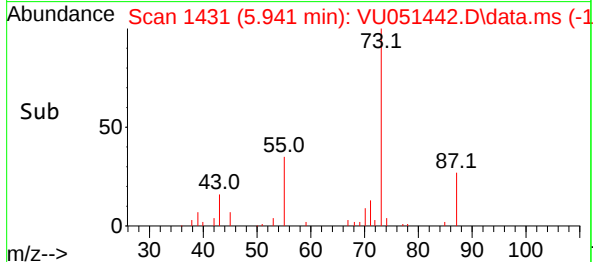
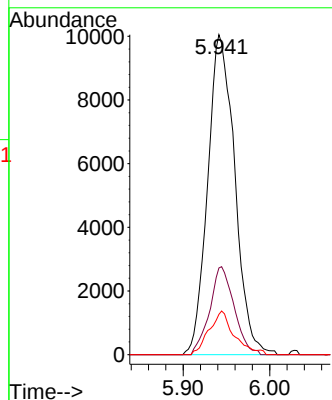
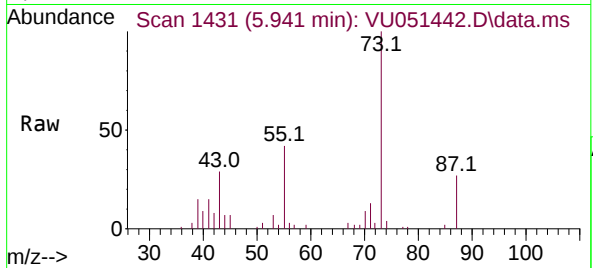




#33
Tert-Amyl methyl ether
Concen: 0.756 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

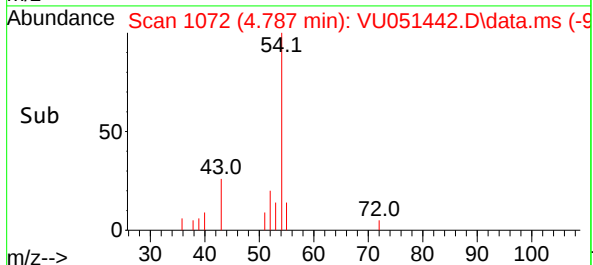
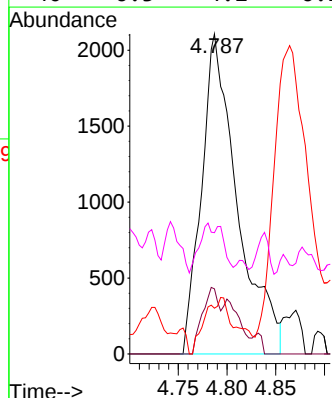
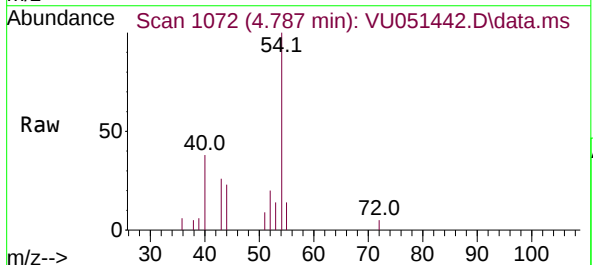
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

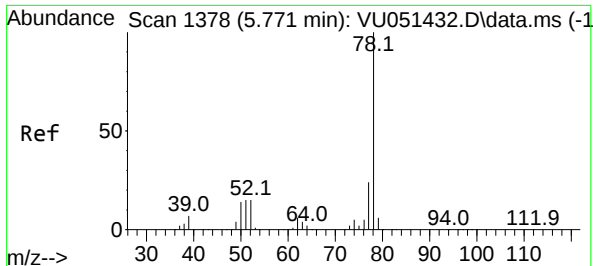
Tgt Ion: 73	Resp: 21814
Ion Ratio	Lower Upper
73 100	
87 24.8	18.9 28.3
71 12.6	9.4 14.2



#34
Propionitrile
Concen: 4.228 ug/l
RT: 4.787 min Scan# 1072
Delta R.T. 0.007 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 54	Resp: 5392
Ion Ratio	Lower Upper
54 100	
52 9.8	16.4 24.6#
55 15.6	11.5 17.3
40 6.3	4.2 6.2#

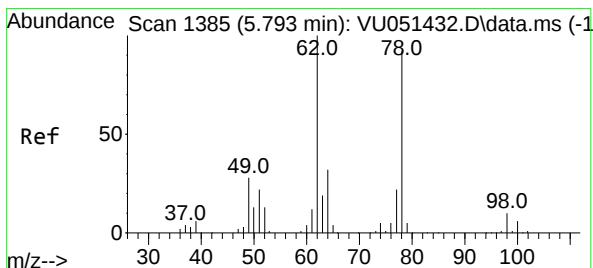
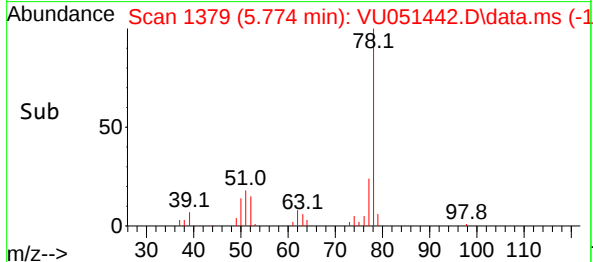
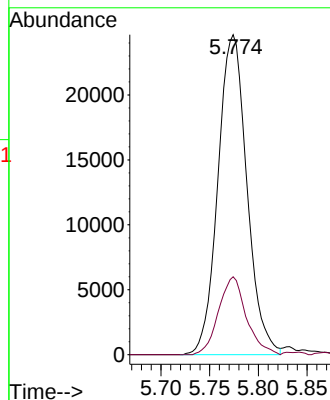
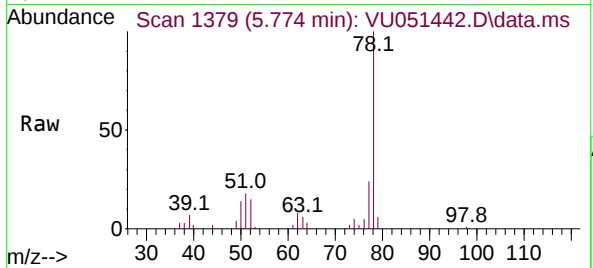




#35
Benzene
Concen: 0.807 ug/l
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

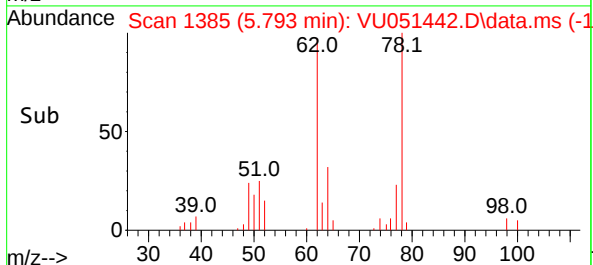
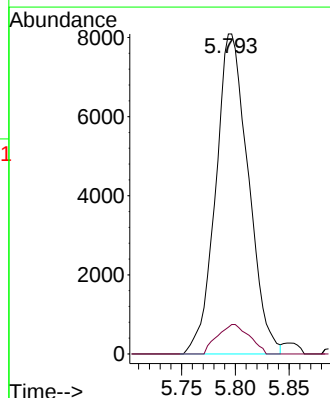
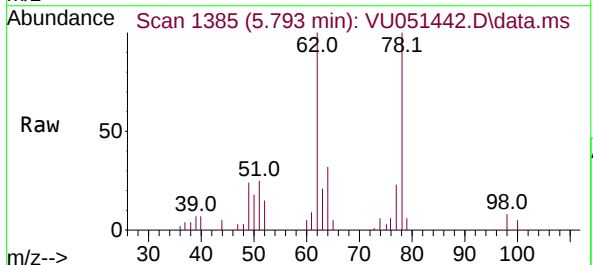
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

Tgt Ion: 78 Resp: 50969
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6



#36
1,2-Dichloroethane
Concen: 0.874 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 62 Resp: 17045
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.2





#37

Trichloroethene

Concen: 0.807 ug/l

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

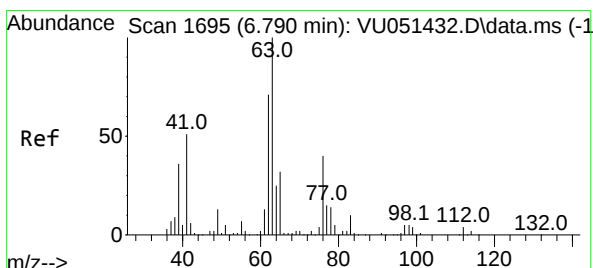
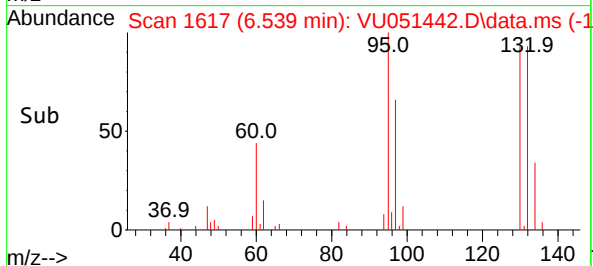
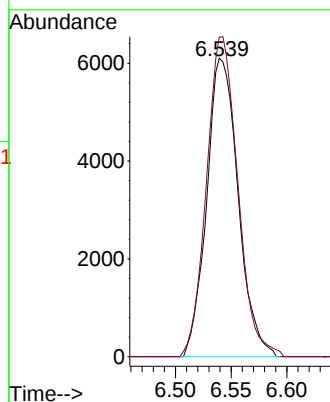
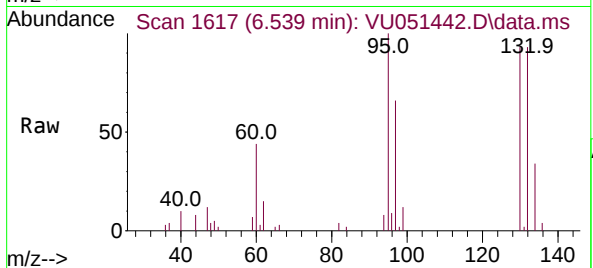
LOQ-WATER-02-QT4-2022

Tgt Ion:130 Resp: 11972

Ion Ratio Lower Upper

130 100

95 107.1 80.2 120.4



#38

1,2-Dichloropropane

Concen: 0.856 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU051442.D

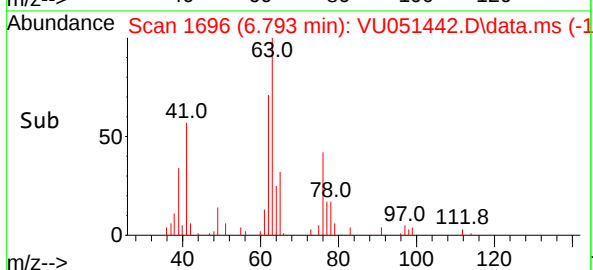
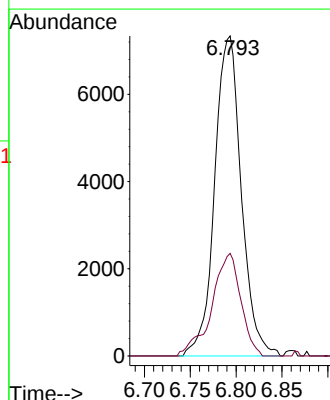
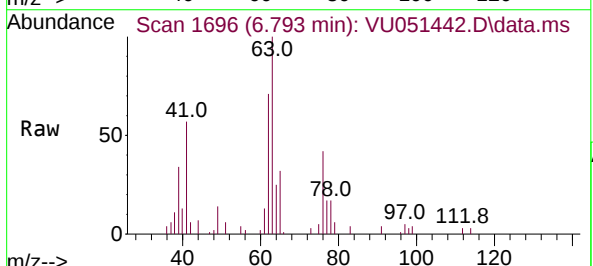
Acq: 18 Oct 2022 15:20

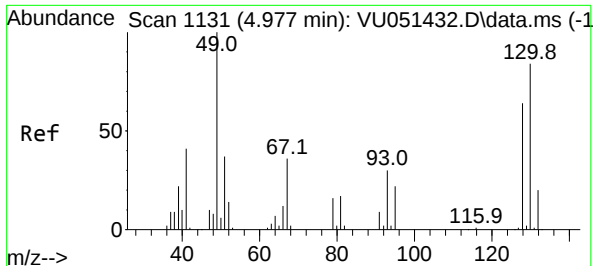
Tgt Ion: 63 Resp: 14847

Ion Ratio Lower Upper

63 100

65 32.0 25.4 38.2





#39

Methacrylonitrile

Concen: 0.735 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU051442.D

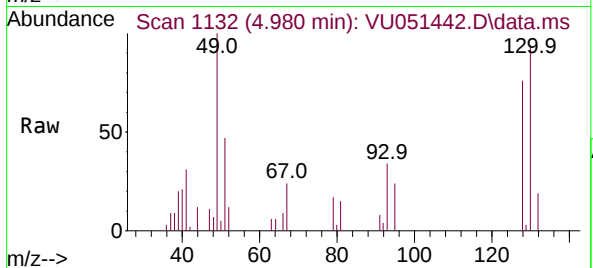
Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion: 41 Resp: 3204

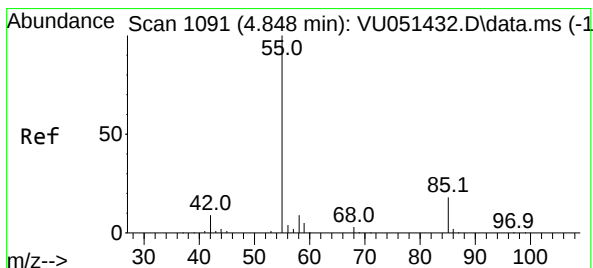
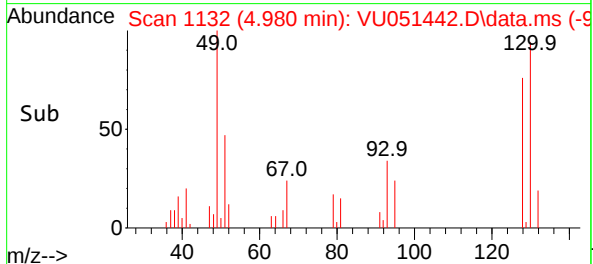
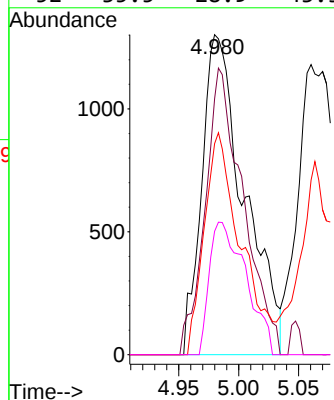
Ion Ratio Lower Upper

41 100

67 80.2 69.6 104.4

39 60.3 42.2 63.4

52 35.5 28.9 43.3



#40

Methyl acrylate

Concen: 0.731 ug/l

RT: 4.864 min Scan# 1096

Delta R.T. 0.016 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Tgt Ion: 55 Resp: 5078

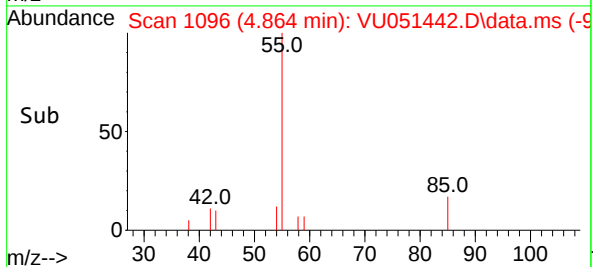
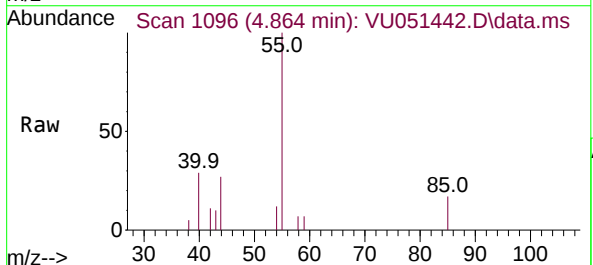
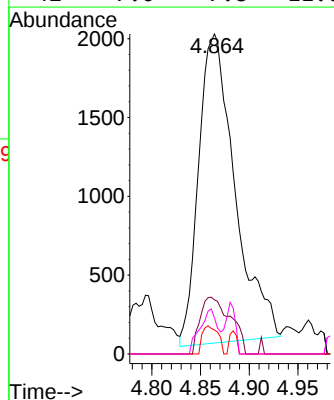
Ion Ratio Lower Upper

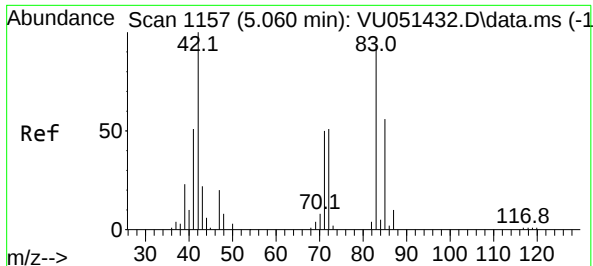
55 100

85 15.4 15.0 22.6

58 3.9 7.5 11.3#

42 7.0 7.8 11.6#





#41

Tetrahydrofuran

Concen: 1.636 ug/l

RT: 5.070 min Scan# 1157

Delta R.T. 0.010 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

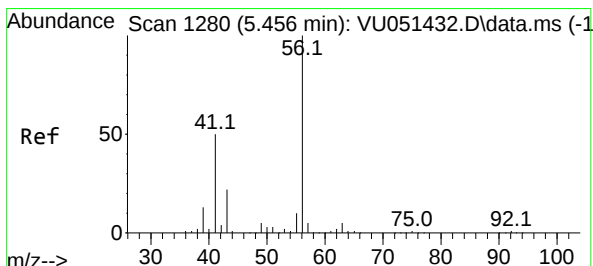
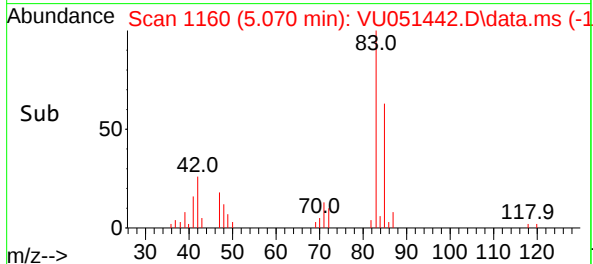
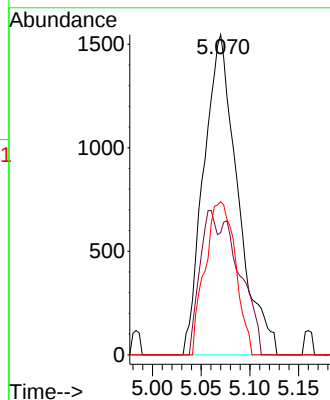
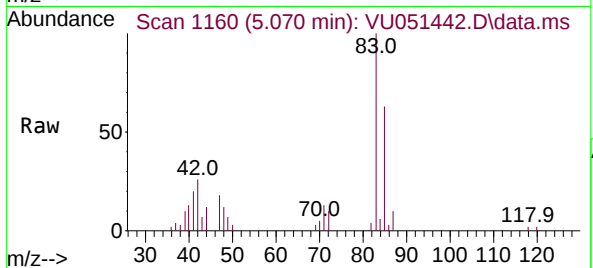
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:	42	Resp:	3745
Ion Ratio	Lower	Upper	
42	100		
72	23.2	42.6	64.0#
71	42.5	38.3	57.5



#42

1-Chlorobutane

Concen: 0.771 ug/l

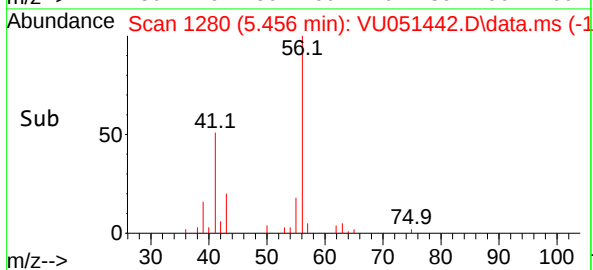
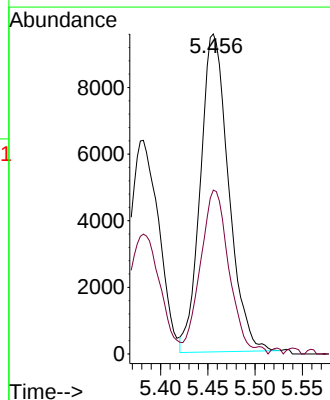
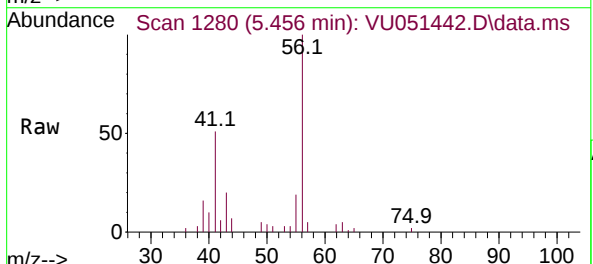
RT: 5.456 min Scan# 1280

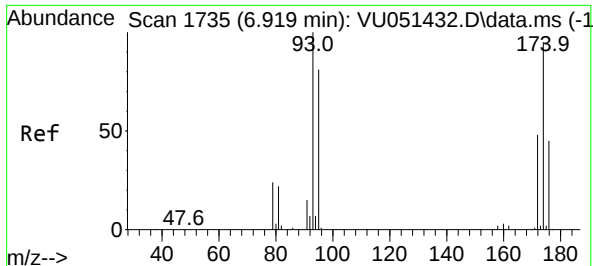
Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Tgt Ion:	56	Resp:	19811
Ion Ratio	Lower	Upper	
56	100		
41	48.3	24.8	74.4

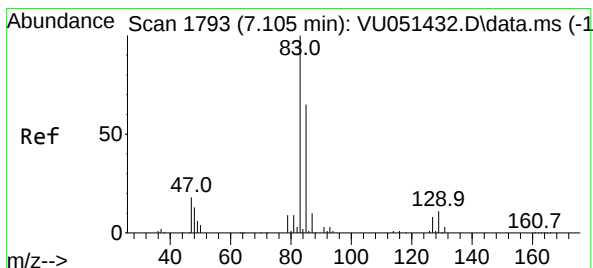
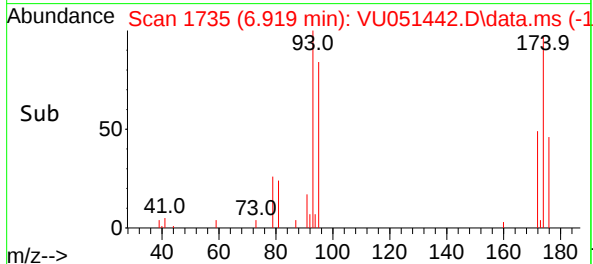
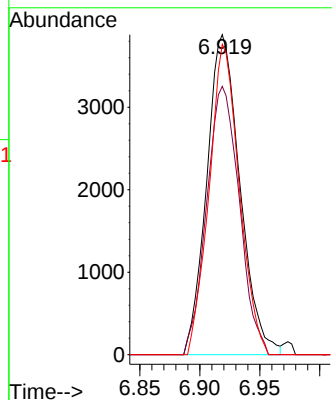
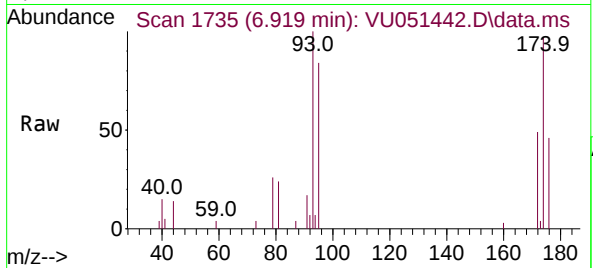




#43
Dibromomethane
Concen: 0.832 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

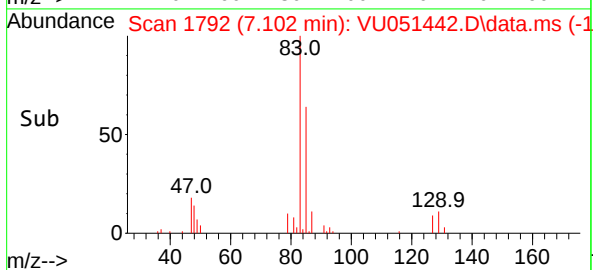
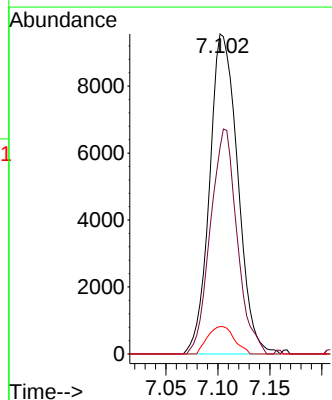
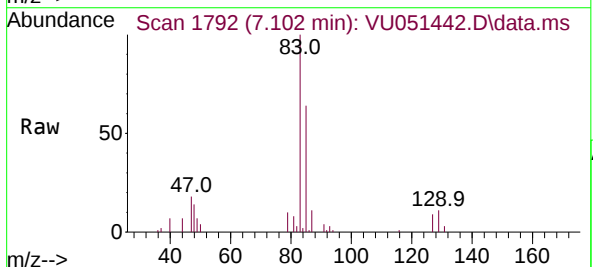
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 93 Resp: 7488
Ion Ratio Lower Upper
93 100
95 82.3 66.7 100.1
174 87.7 75.5 113.3



#44
Bromodichloromethane
Concen: 0.828 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 83 Resp: 18021
Ion Ratio Lower Upper
83 100
85 64.5 52.1 78.1
127 8.6 6.8 10.2

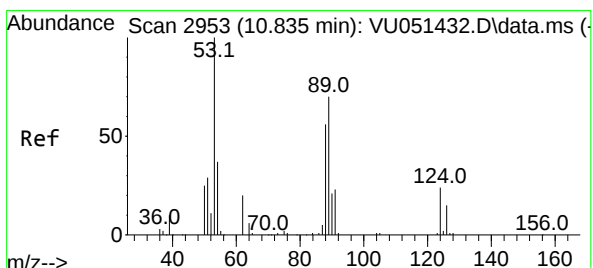
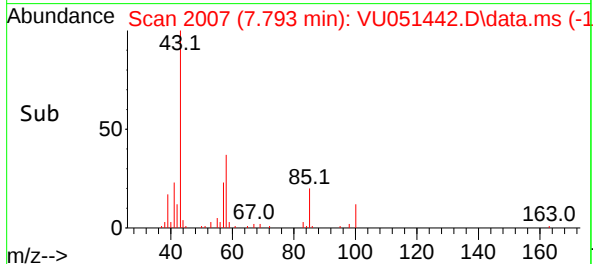
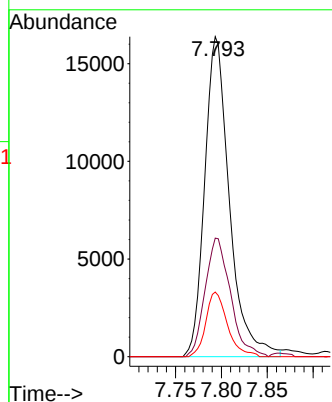
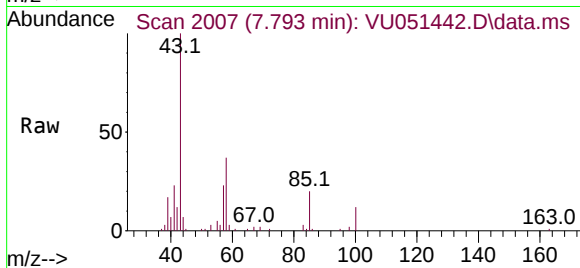




#45
4-Methyl-2-Pentanone
Concen: 3.587 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

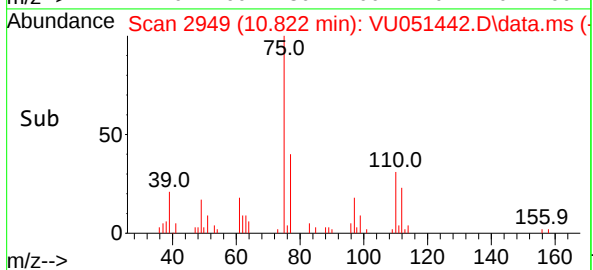
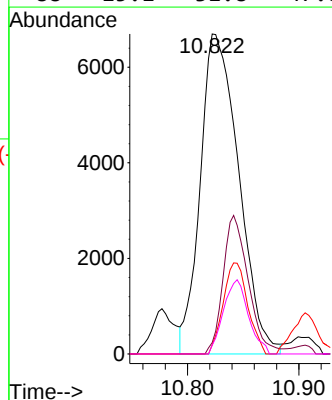
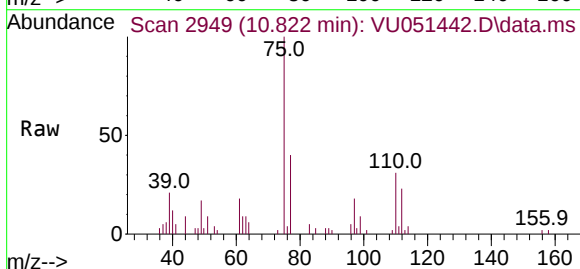
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

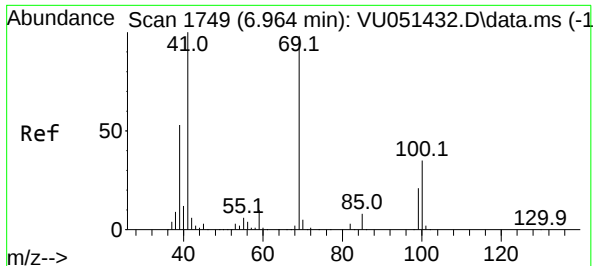
Tgt Ion:	43	Resp:	30727
Ion	Ratio	Lower	Upper
43	100		
58	37.9	21.4	64.3
85	17.6	15.4	23.0



#46
t-1,4-Dichloro-2-butene
Concen: 3.356 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.013 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:	75	Resp:	16041
Ion	Ratio	Lower	Upper
75	100		
53	28.5	61.1	91.7#
89	18.2	41.0	61.6#
88	15.1	31.8	47.8#

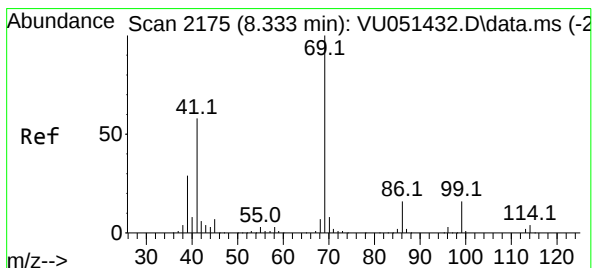
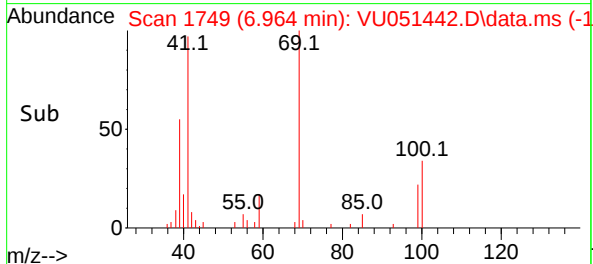
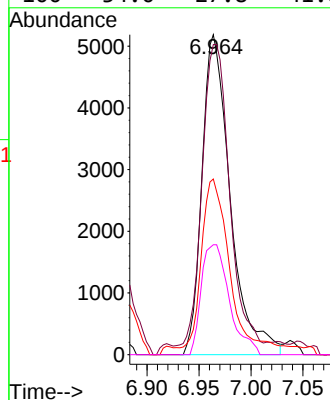
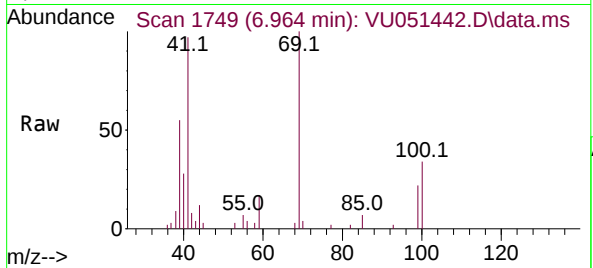




#47
Methyl methacrylate
Concen: 1.427 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

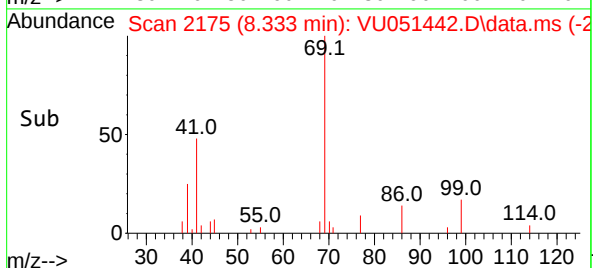
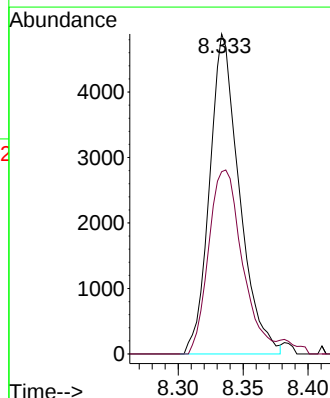
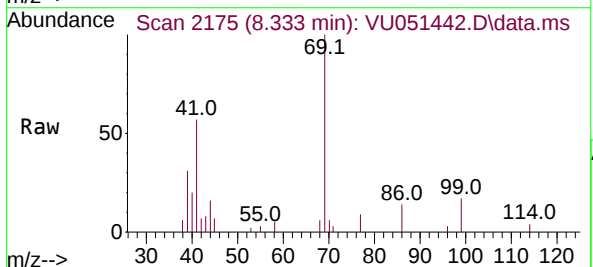
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

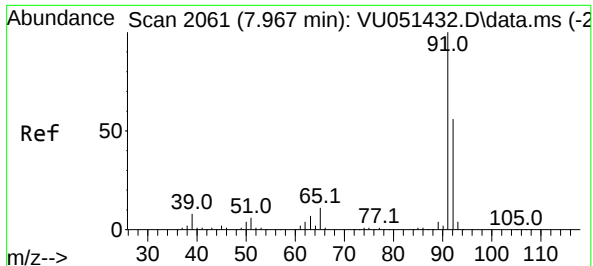
Tgt Ion:	69	Resp:	9819
Ion	Ratio	Lower	Upper
69	100		
41	90.0	0.0	200.8
39	52.0	44.1	66.1
100	34.0	27.8	41.8



#48
Ethyl methacrylate
Concen: 0.675 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:	69	Resp:	7776
Ion	Ratio	Lower	Upper
69	100		
41	65.3	28.8	86.5





#49

Toluene

Concen: 0.703 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

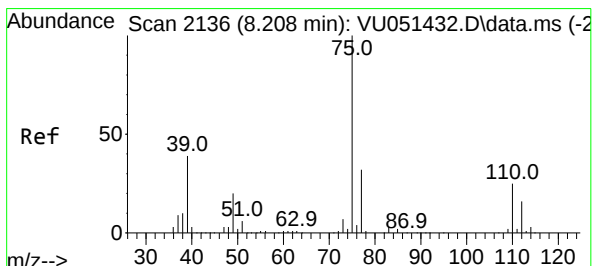
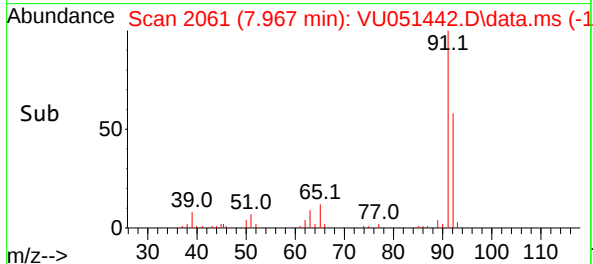
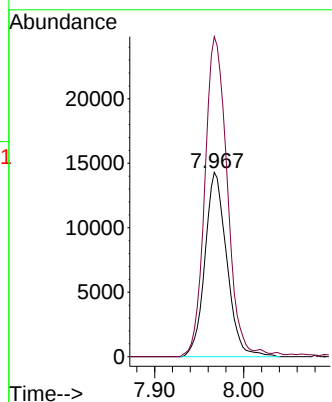
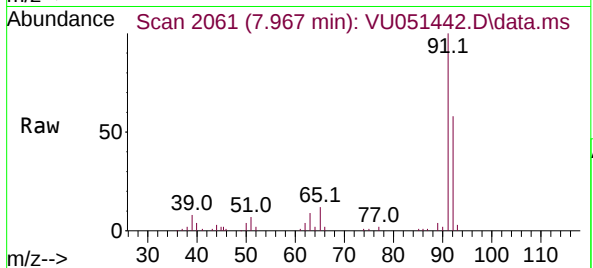
LOQ-WATER-02-QT4-2022

Tgt Ion: 92 Resp: 24374

Ion Ratio Lower Upper

92 100

91 176.1 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.763 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051442.D

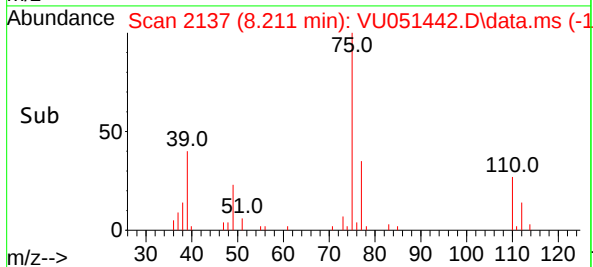
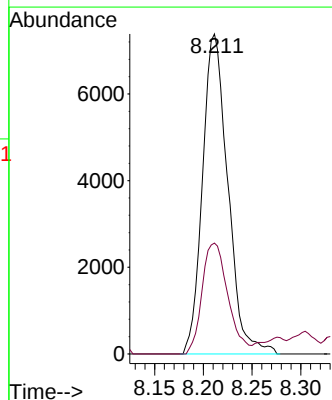
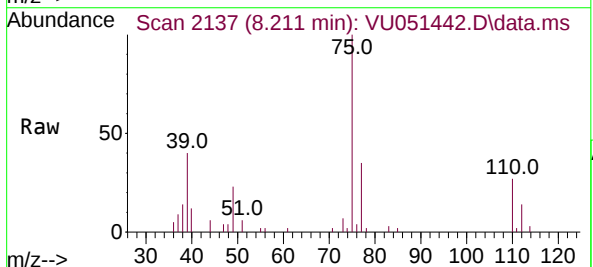
Acq: 18 Oct 2022 15:20

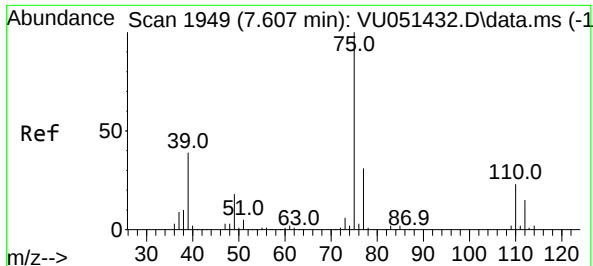
Tgt Ion: 75 Resp: 13358

Ion Ratio Lower Upper

75 100

77 34.6 25.8 38.6

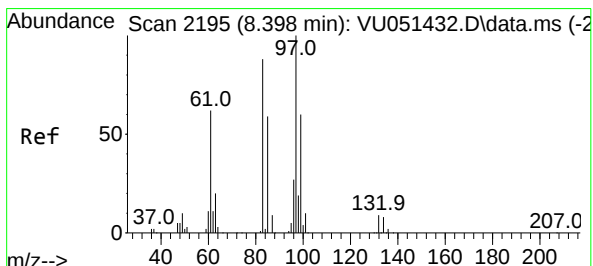
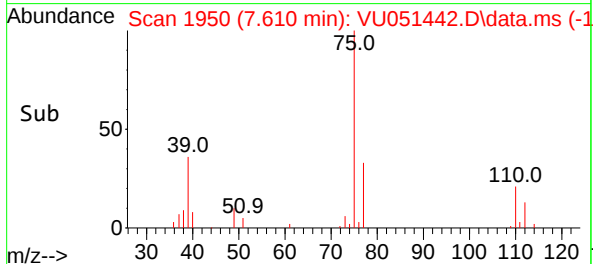
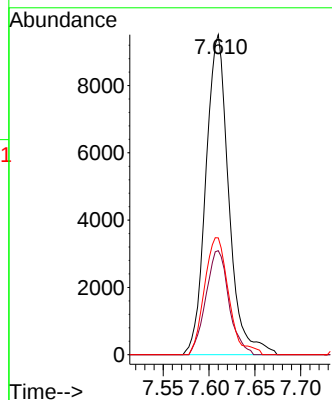
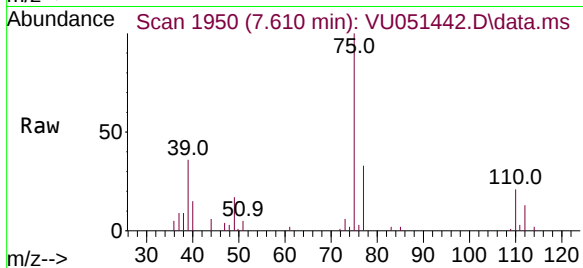




#51
 cis-1,3-Dichloropropene
 Concen: 0.801 ug/l
 RT: 7.610 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU051442.D
 Acq: 18 Oct 2022 15:20

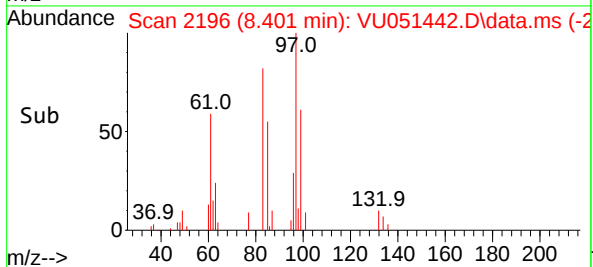
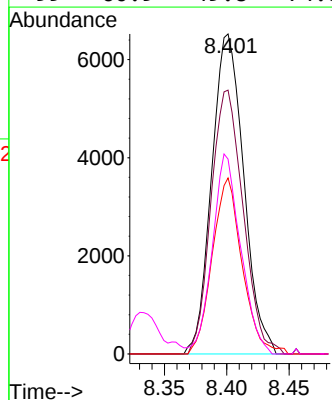
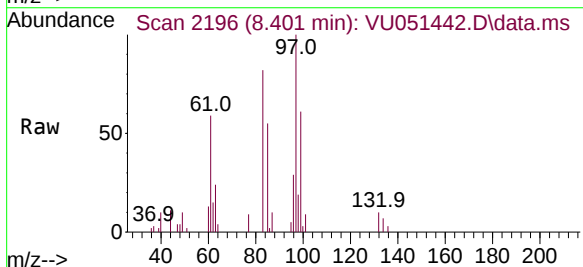
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT4-2022

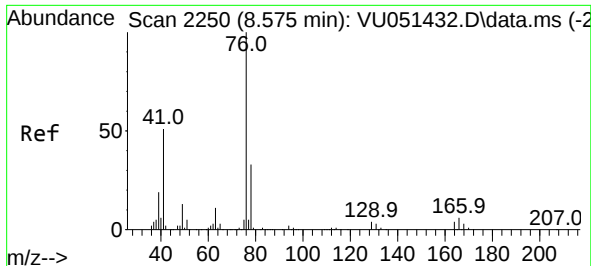
Tgt Ion:	75	Resp:	16537
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.1	37.7
39	36.5	31.4	47.0



#52
 1,1,2-Trichloroethane
 Concen: 0.908 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051442.D
 Acq: 18 Oct 2022 15:20

Tgt Ion:	97	Resp:	11659
Ion	Ratio	Lower	Upper
97	100		
83	82.4	70.6	105.8
85	55.0	47.0	70.4
99	60.9	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.817 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

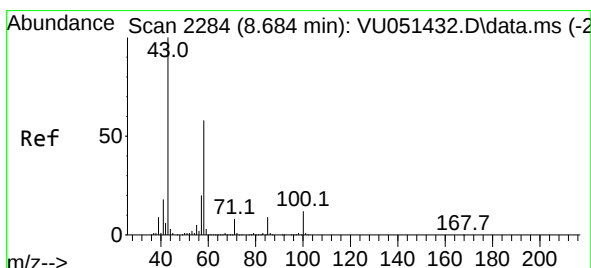
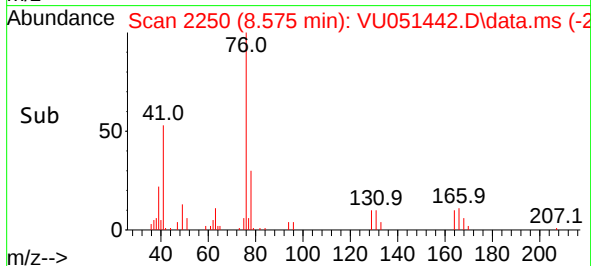
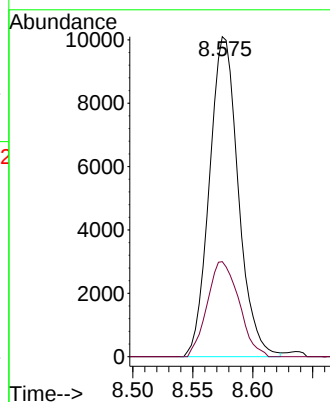
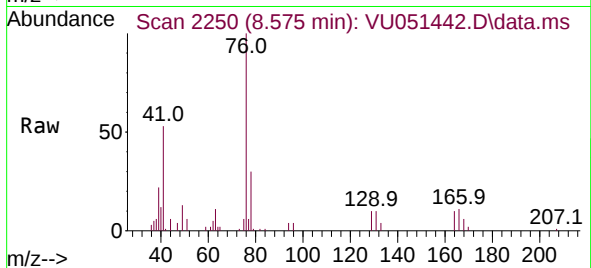
LOQ-WATER-02-QT4-2022

Tgt Ion: 76 Resp: 16921

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#54

2-Hexanone

Concen: 3.525 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

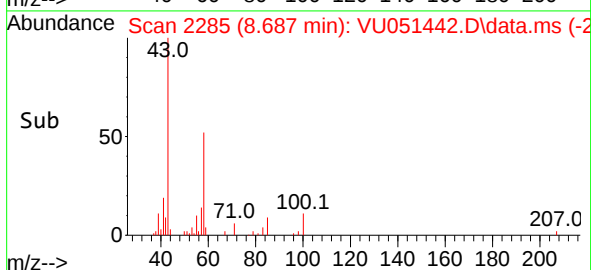
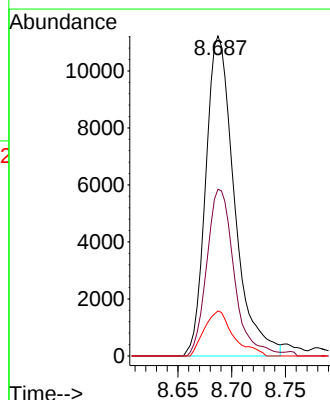
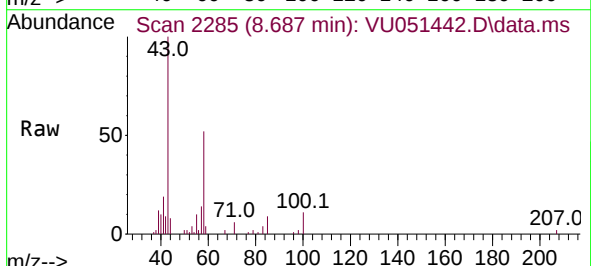
Tgt Ion: 43 Resp: 20763

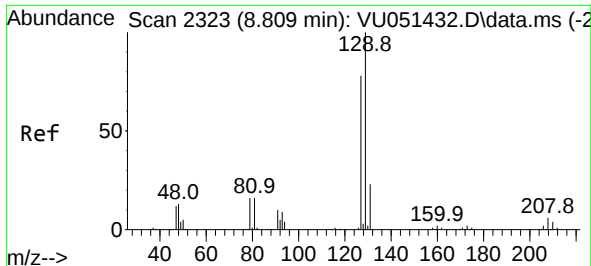
Ion Ratio Lower Upper

43 100

58 50.0 38.0 78.0

57 14.2 0.0 39.9

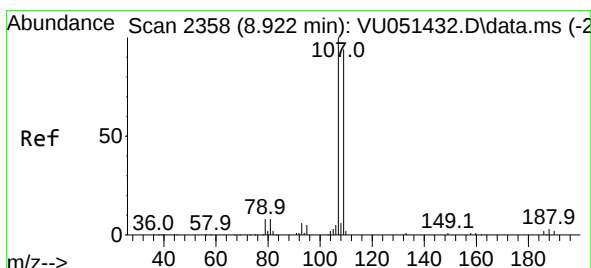
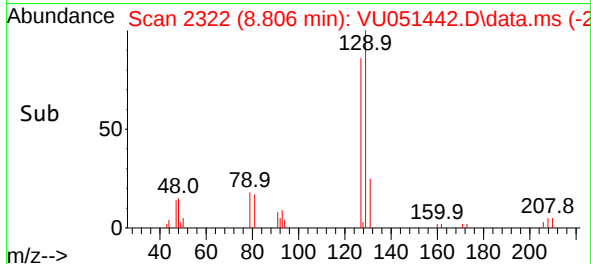
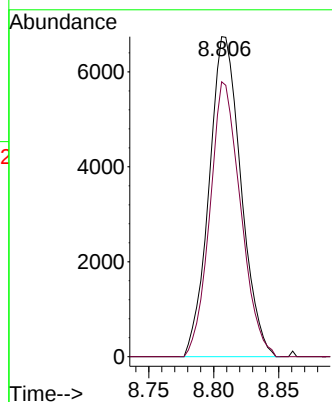
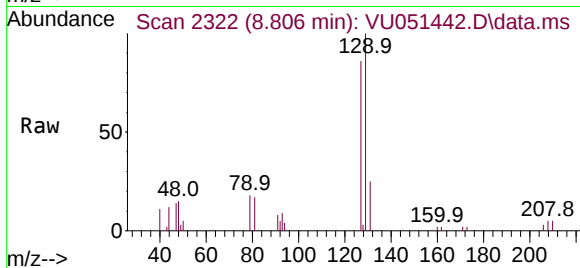




#55
Dibromochloromethane
Concen: 0.825 ug/l
RT: 8.806 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

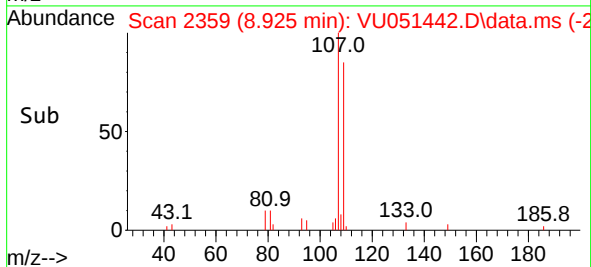
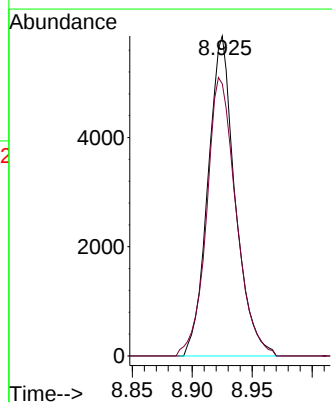
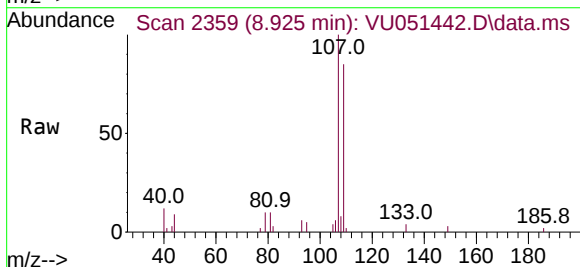
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

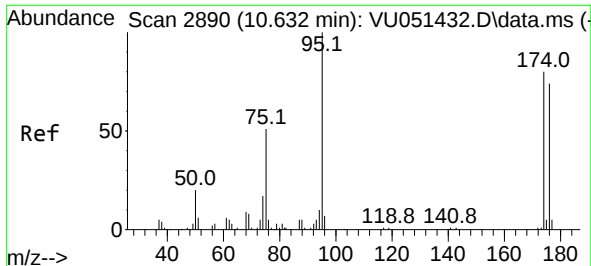
Tgt Ion:129 Resp: 11523
Ion Ratio Lower Upper
129 100
127 82.6 62.1 93.1



#56
1,2-Dibromoethane
Concen: 0.820 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:107 Resp: 9261
Ion Ratio Lower Upper
107 100
109 93.8 0.0 190.6

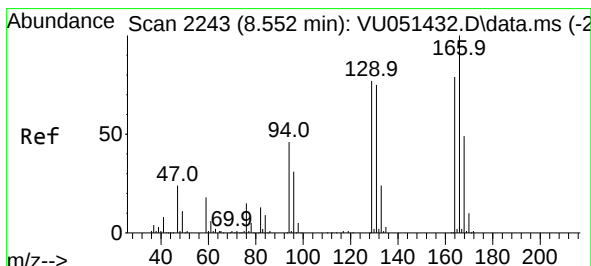
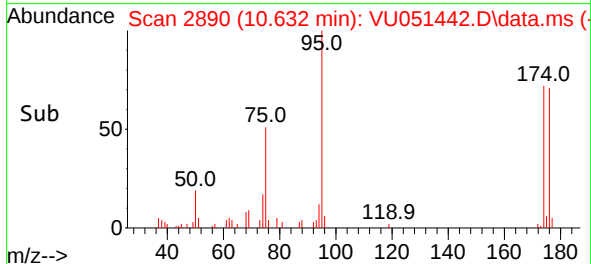
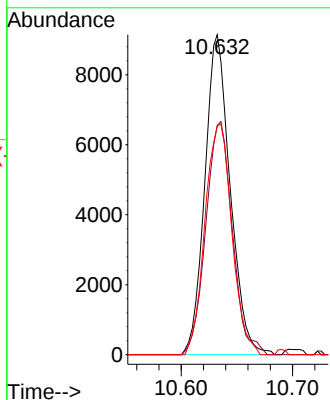
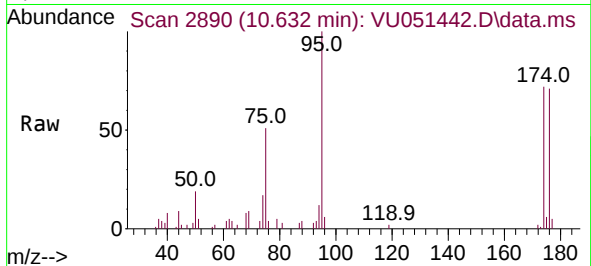




#57
4-Bromofluorobenzene
Concen: 0.858 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

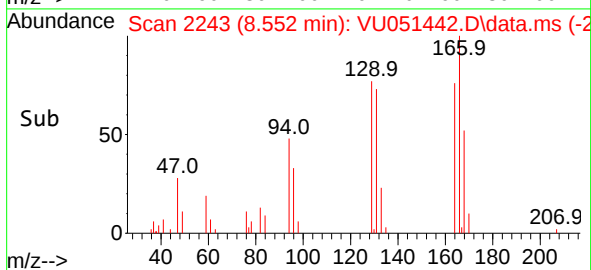
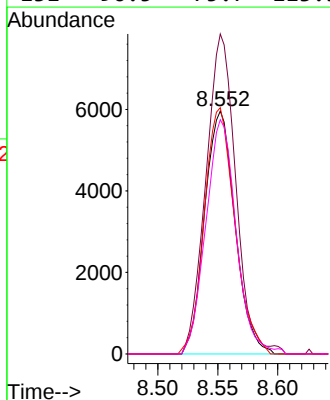
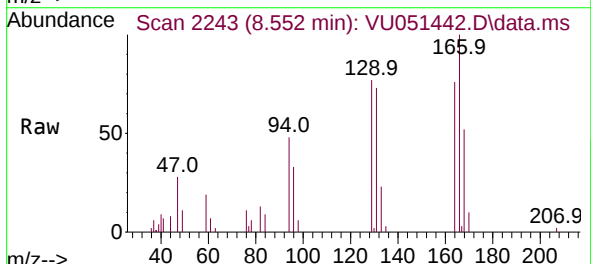
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

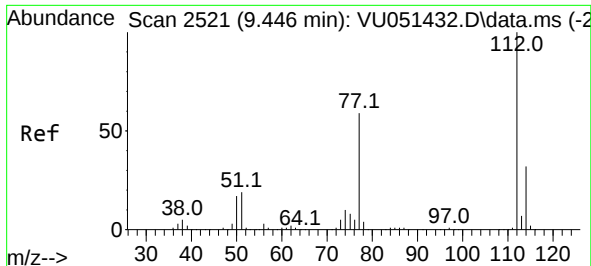
Tgt Ion:	95	Resp:	14465
Ion	Ratio	Lower	Upper
95	100		
174	76.1	63.0	94.6
176	76.4	59.8	89.6



#58
Tetrachloroethene
Concen: 0.814 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:	164	Resp:	10516
Ion	Ratio	Lower	Upper
164	100		
166	131.8	100.9	151.3
129	101.4	77.5	116.3
131	96.5	75.7	113.5





#59

Chlorobenzene

Concen: 0.768 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

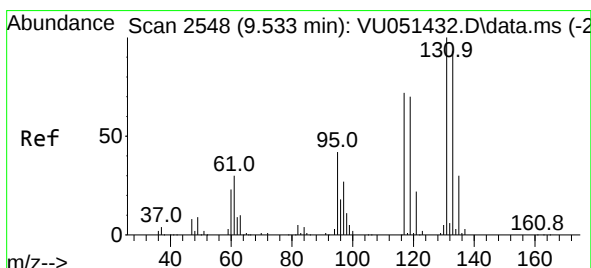
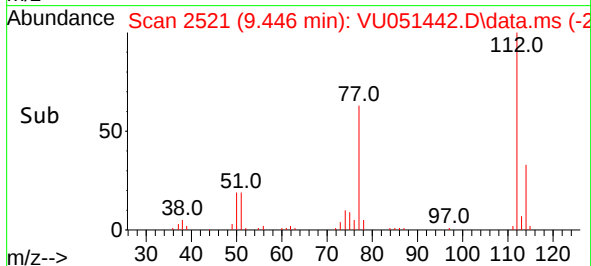
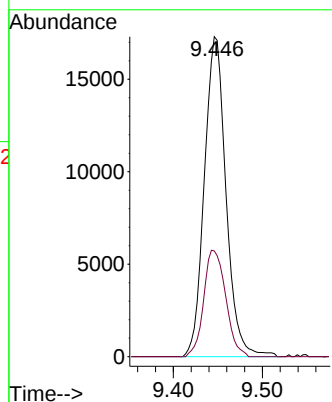
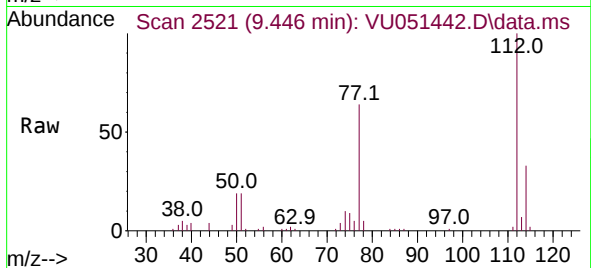
LOQ-WATER-02-QT4-2022

Tgt Ion:112 Resp: 29232

Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.861 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

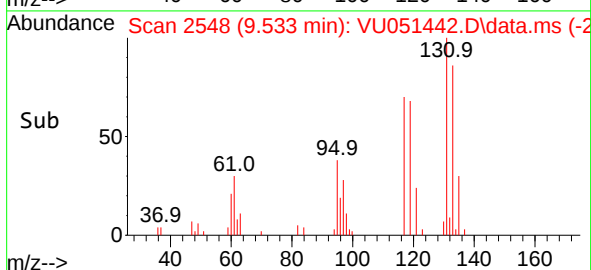
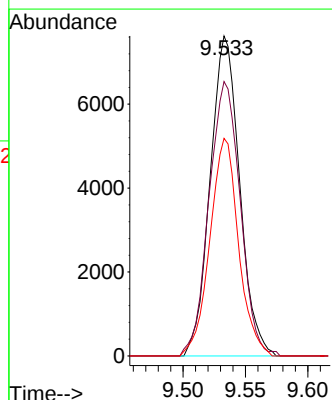
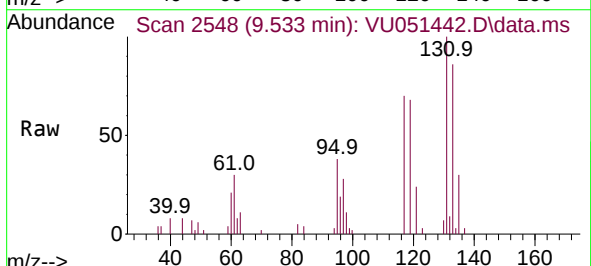
Tgt Ion:131 Resp: 12545

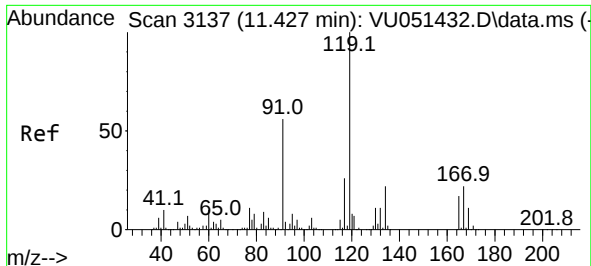
Ion Ratio Lower Upper

131 100

133 90.8 76.5 114.7

119 66.2 56.5 84.7

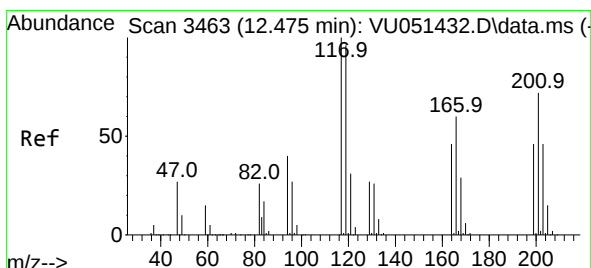
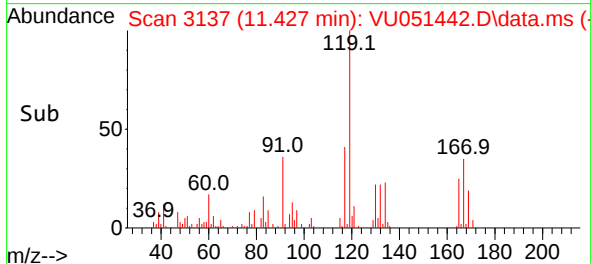
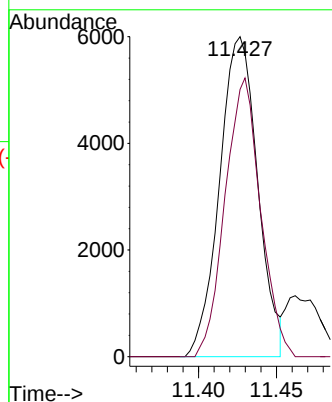
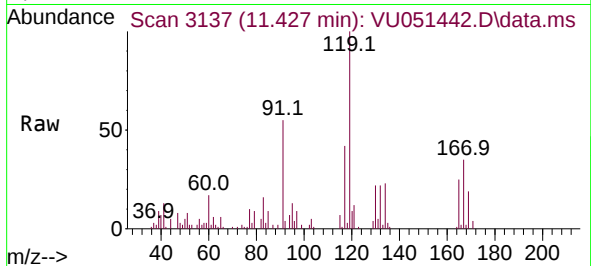




#61
Pentachloroethane
Concen: 0.787 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

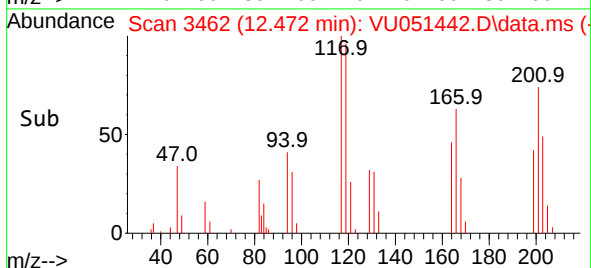
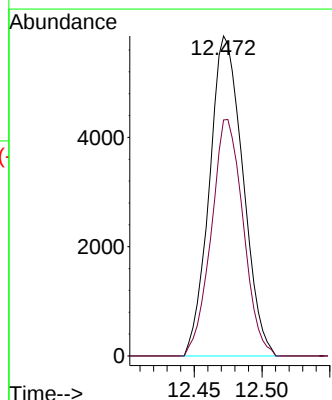
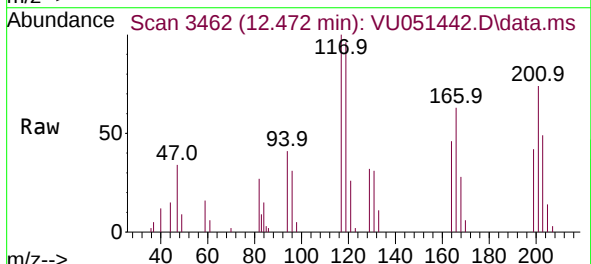
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

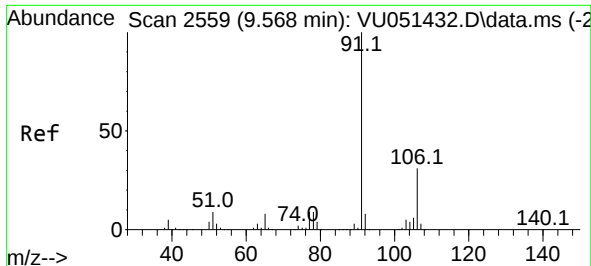
Tgt Ion:117 Resp: 10229
Ion Ratio Lower Upper
117 100
167 80.7 63.3 94.9



#62
Hexachloroethane
Concen: 0.814 ug/l
RT: 12.472 min Scan# 3462
Delta R.T. -0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:117 Resp: 10046
Ion Ratio Lower Upper
117 100
201 70.5 57.4 86.2

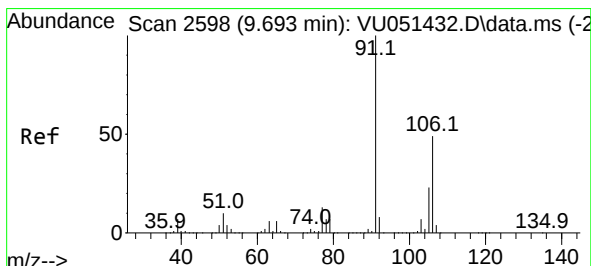
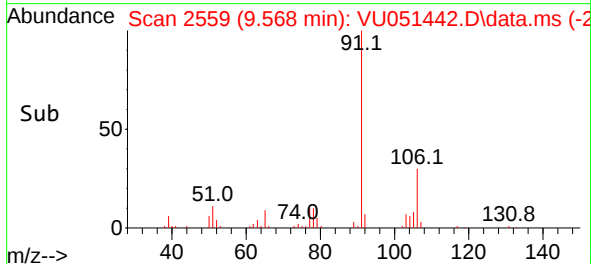
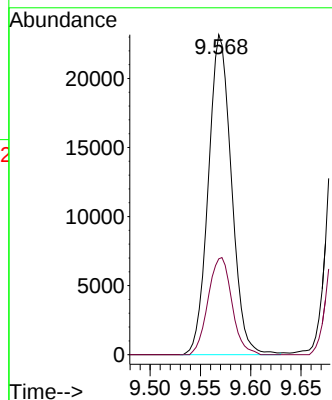
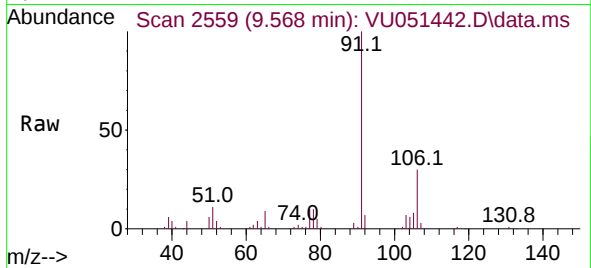




#63
Ethyl Benzene
Concen: 0.642 ug/l
RT: 9.568 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

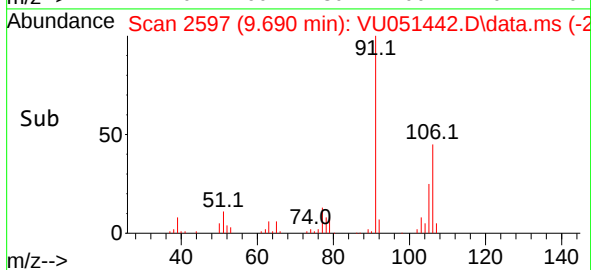
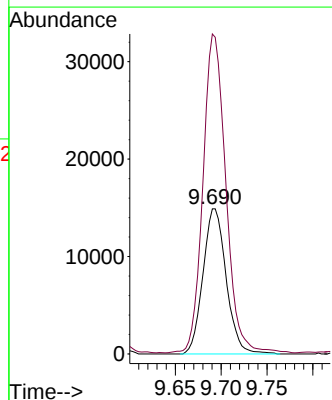
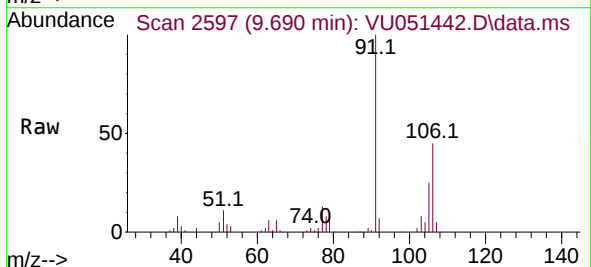
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

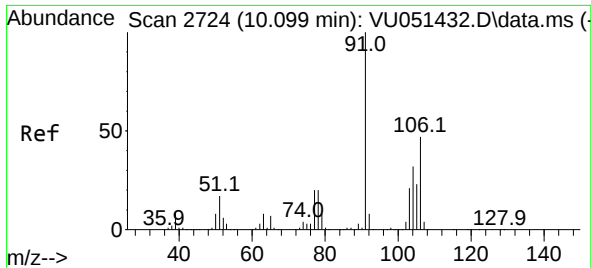
Tgt Ion: 91 Resp: 37029
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3



#64
m/p-Xylenes
Concen: 1.142 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 106 Resp: 26263
Ion Ratio Lower Upper
106 100
91 216.9 163.2 244.8

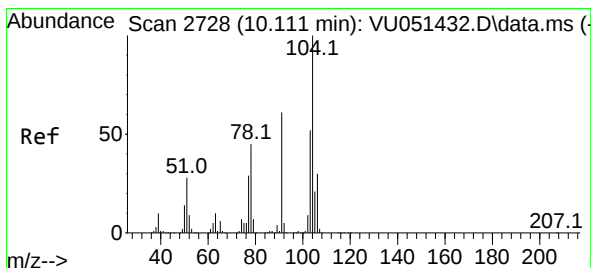
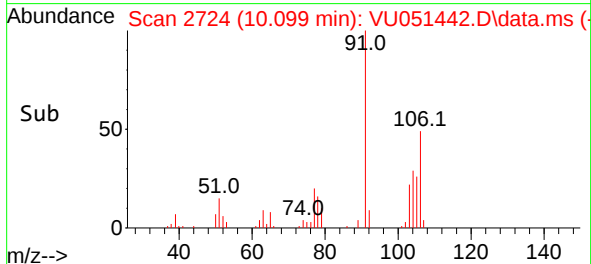
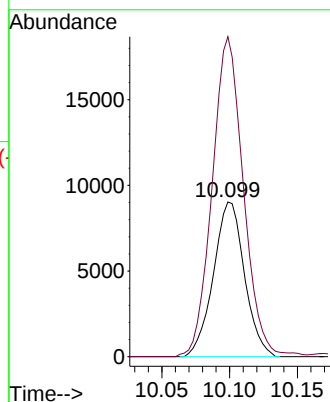
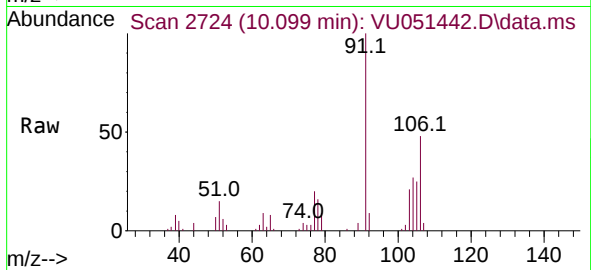




#65
o-Xylene
Concen: 0.643 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

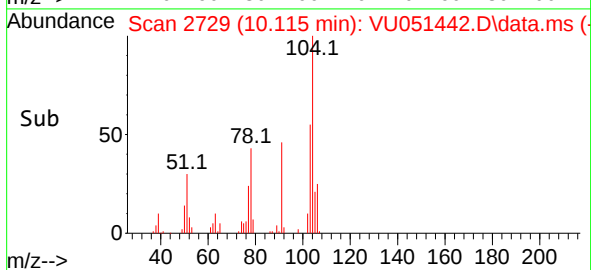
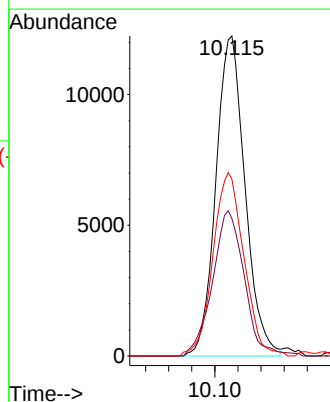
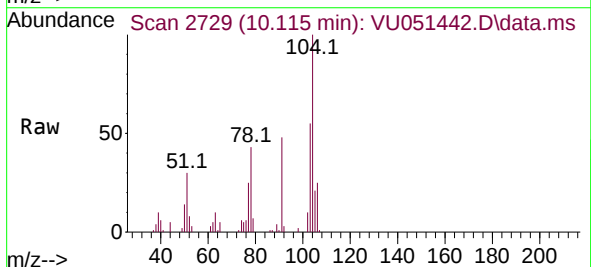
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

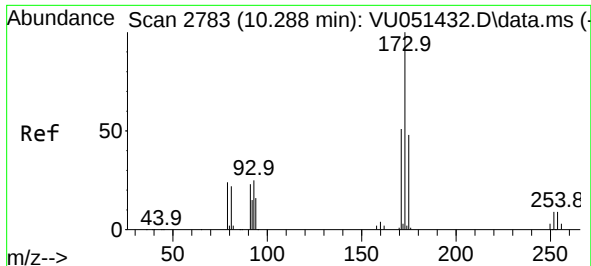
Tgt Ion:106 Resp: 14376
Ion Ratio Lower Upper
106 100
91 208.1 107.1 321.3



#66
Styrene
Concen: 0.578 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:104 Resp: 21456
Ion Ratio Lower Upper
104 100
78 49.4 39.7 59.5
103 60.6 44.4 66.6

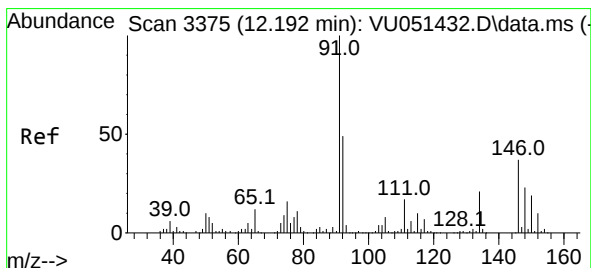
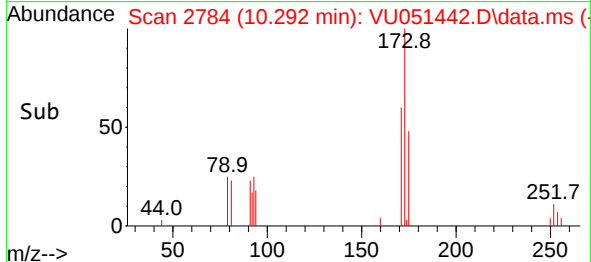
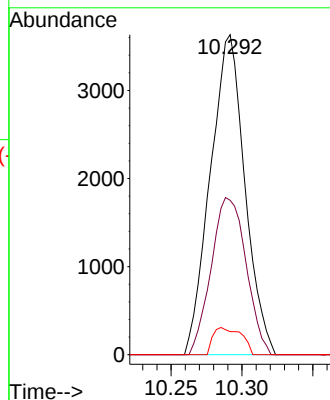
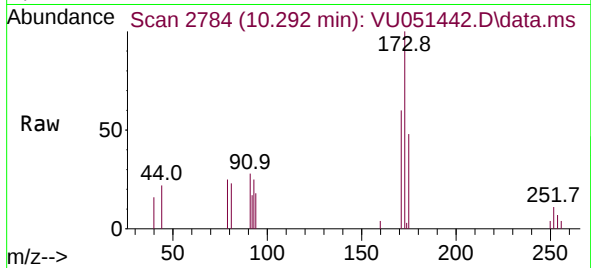




#67
Bromoform
Concen: 0.785 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

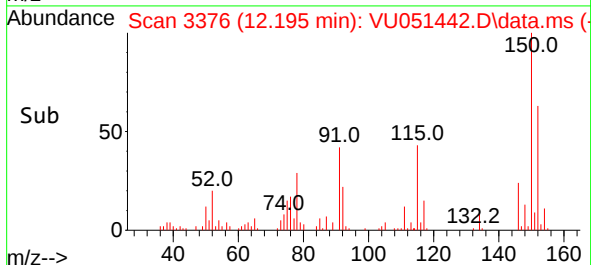
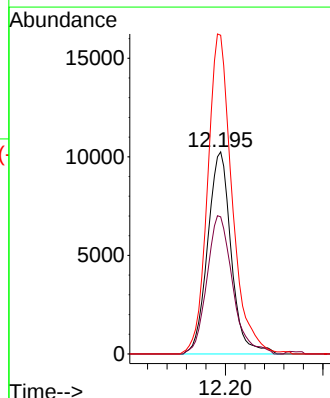
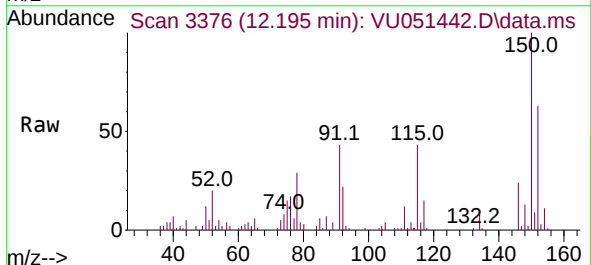
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

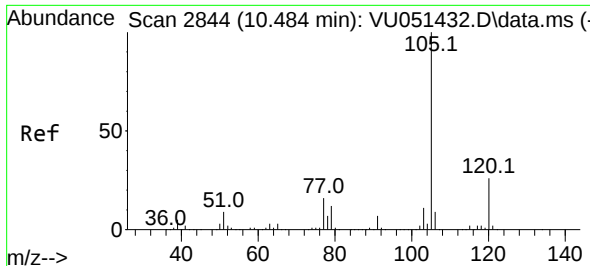
Tgt Ion:173 Resp: 6158
Ion Ratio Lower Upper
173 100
175 49.6 38.6 58.0
254 6.9 7.3 10.9#



#68
1,2-Dichlorobenzene-d4
Concen: 0.911 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:152 Resp: 17149
Ion Ratio Lower Upper
152 100
115 74.8 0.0 333.0
150 164.7 0.0 662.0

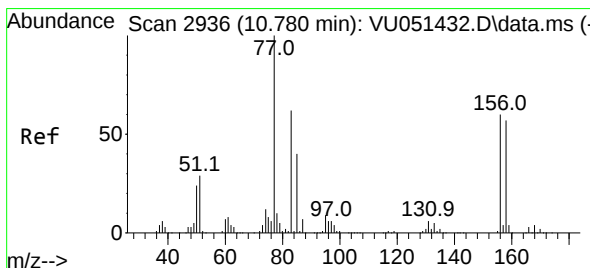
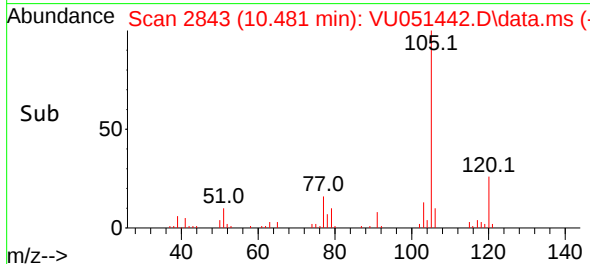
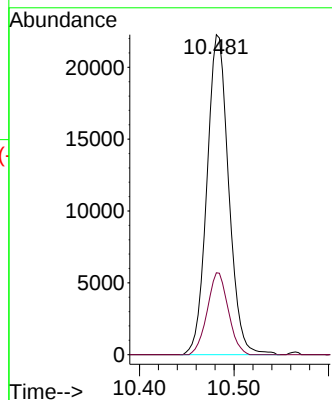
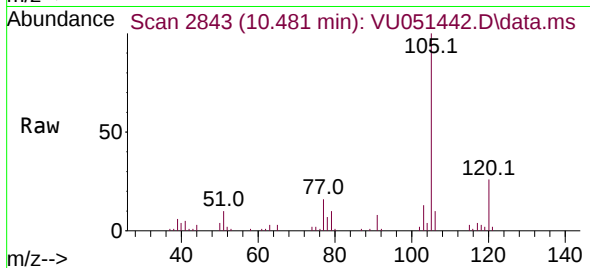




#69
Isopropylbenzene
Concen: 0.646 ug/l
RT: 10.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

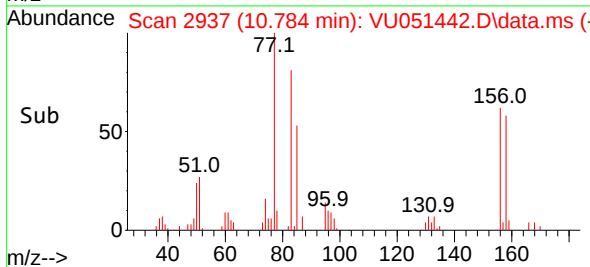
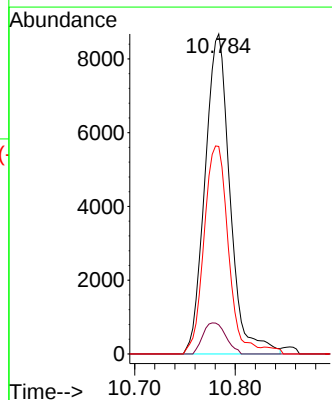
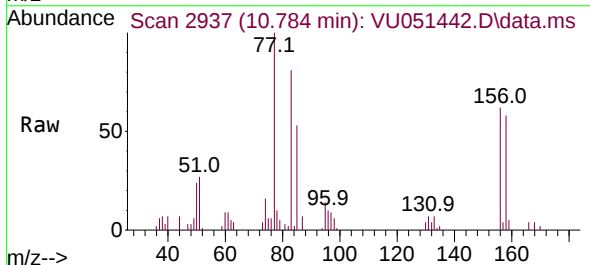
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

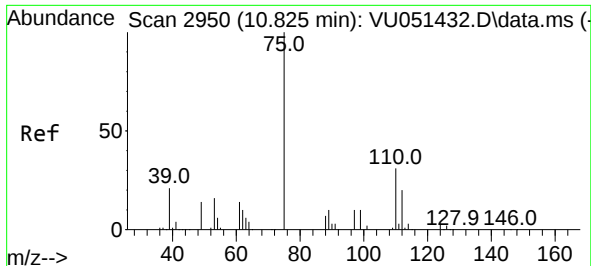
Tgt Ion:105 Resp: 35567
Ion Ratio Lower Upper
105 100
120 24.7 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 0.861 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 83 Resp: 14967
Ion Ratio Lower Upper
83 100
131 8.9 7.2 10.8
85 63.0 51.4 77.2

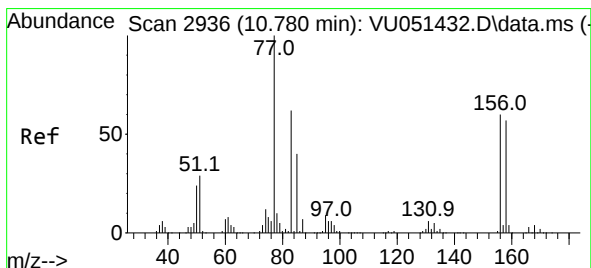
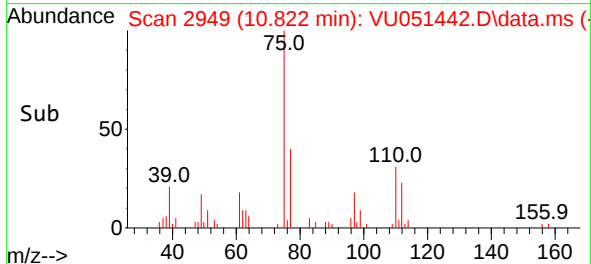
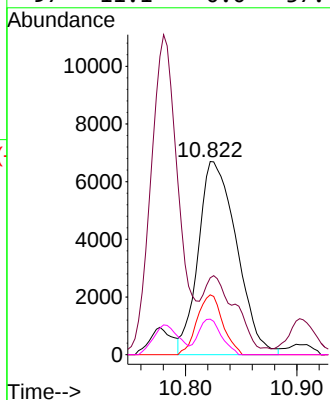
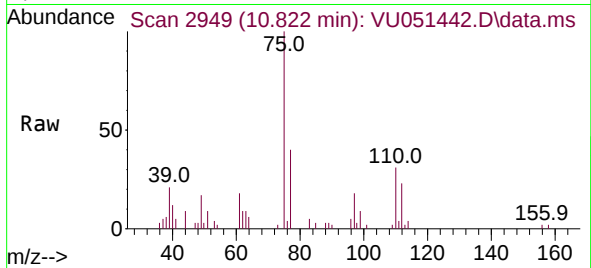




#71
1,2,3-Trichloropropane
Concen: 1.243 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

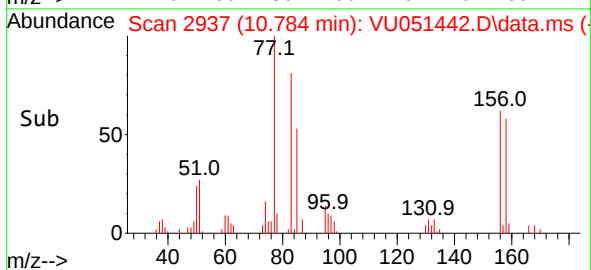
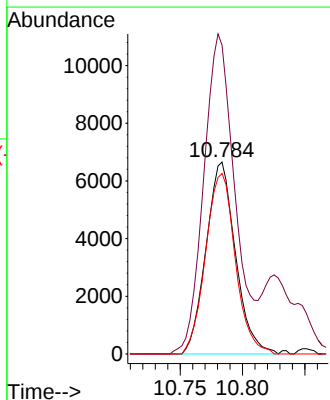
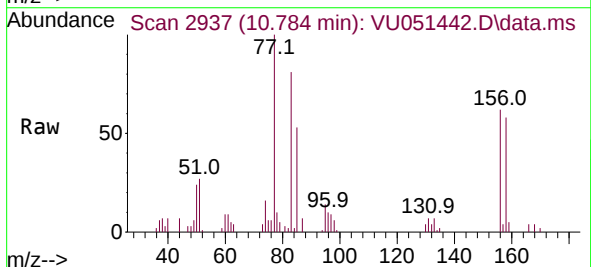
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

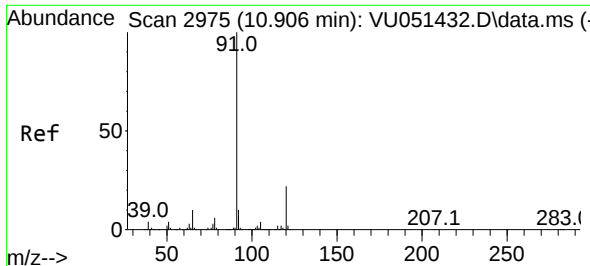
Tgt Ion: 75	Resp: 16041
Ion Ratio	Lower Upper
75	100
77	34.6 0.0 111.0
110	20.7 0.0 70.2
97	11.1 0.0 37.4



#72
Bromobenzene
Concen: 0.724 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 156	Resp: 10957
Ion Ratio	Lower Upper
156	100
77	176.8 0.0 343.4
158	94.9 0.0 195.6

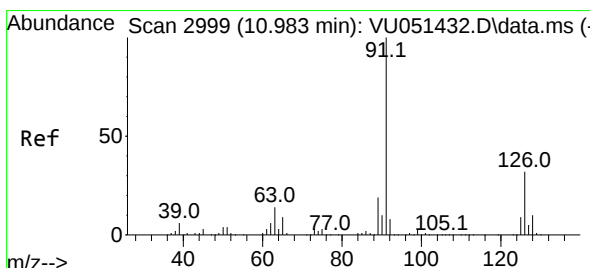
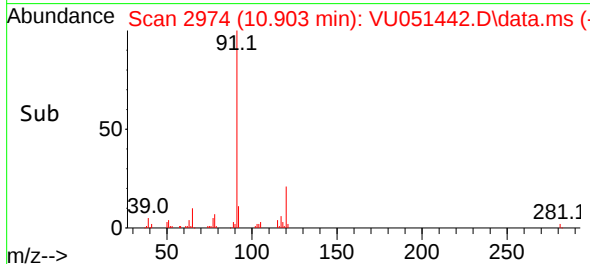
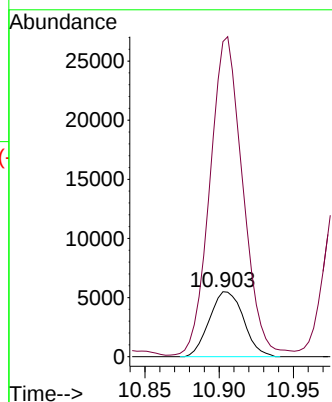
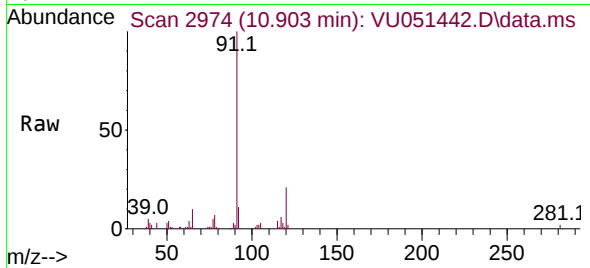




#73
n-propylbenzene
Concen: 0.567 ug/l
RT: 10.903 min Scan# 2975
Delta R.T. -0.004 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

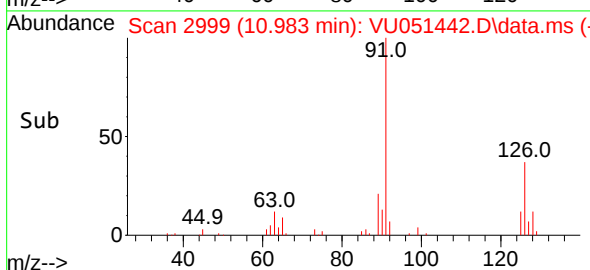
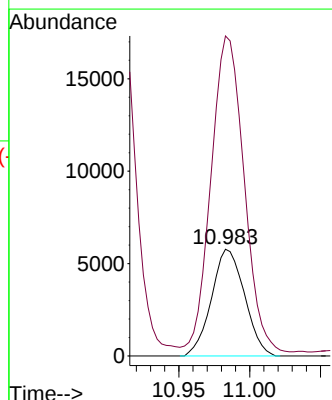
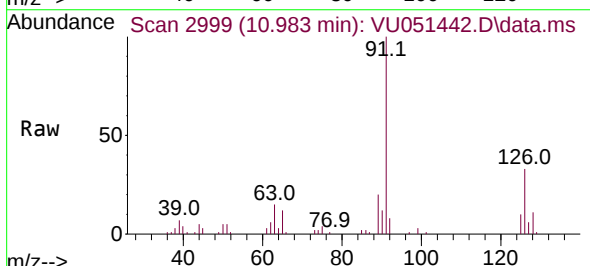
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

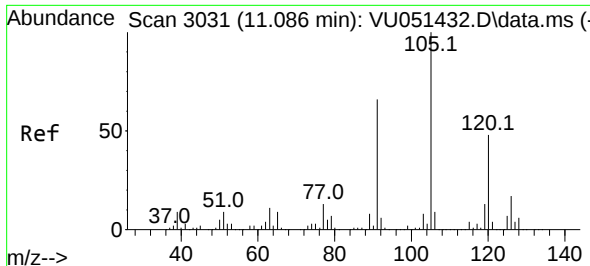
Tgt Ion:120 Resp: 8776
Ion Ratio Lower Upper
120 100
91 473.3 362.3 543.5



#74
2-Chlorotoluene
Concen: 0.638 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:126 Resp: 9391
Ion Ratio Lower Upper
126 100
91 296.1 0.0 623.2

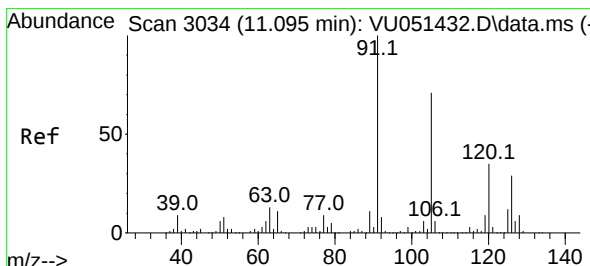
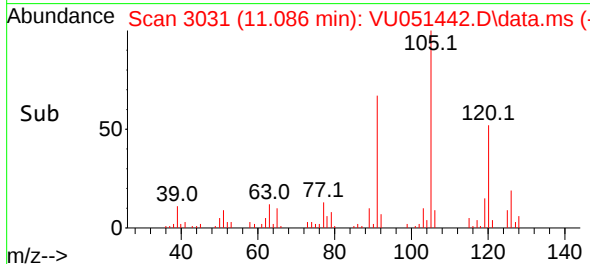
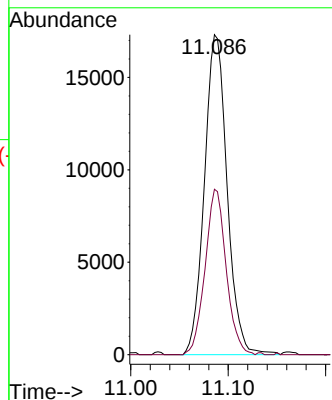
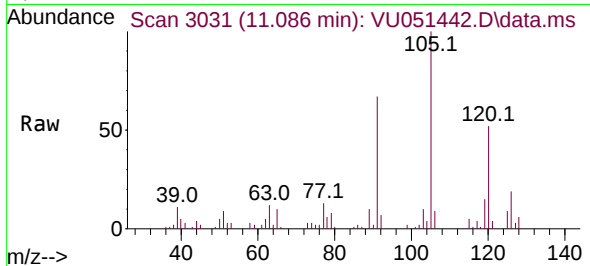




#75
1,3,5-Trimethylbenzene
Concen: 0.562 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

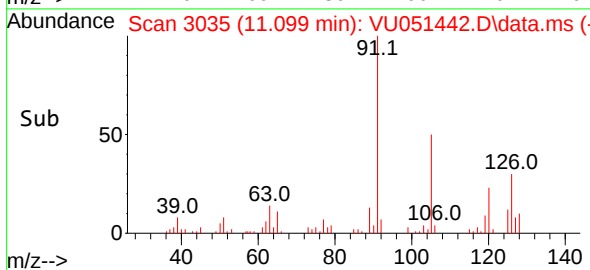
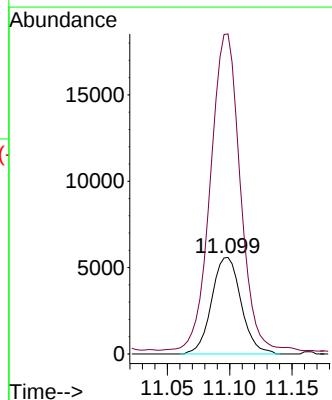
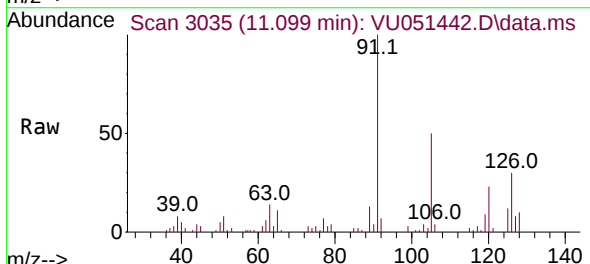
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

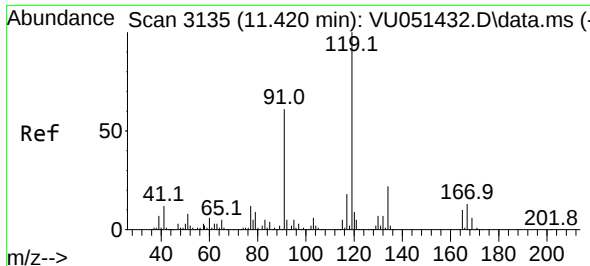
Tgt Ion:105 Resp: 28026
Ion Ratio Lower Upper
105 100
120 48.0 38.2 57.4



#76
4-Chlorotoluene
Concen: 0.609 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.004 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:126 Resp: 9169
Ion Ratio Lower Upper
126 100
91 339.5 0.0 717.6

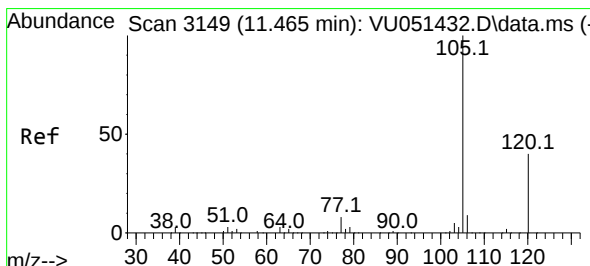
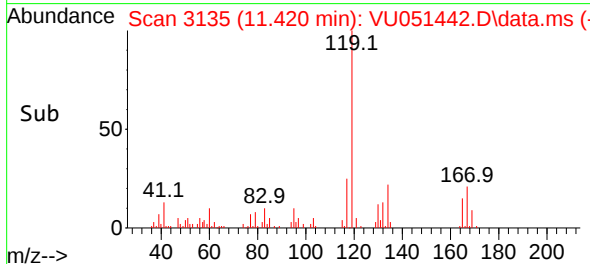
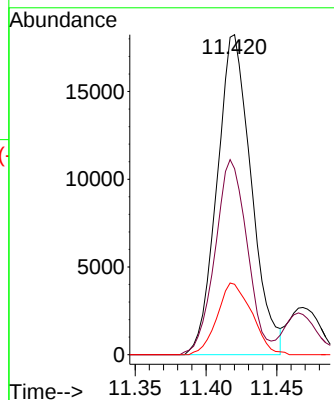
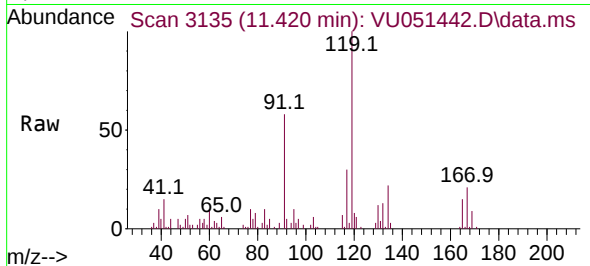




#77
tert-Butylbenzene
Concen: 0.630 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

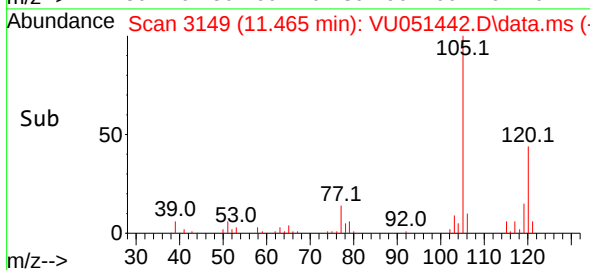
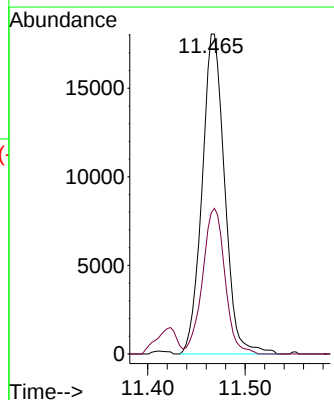
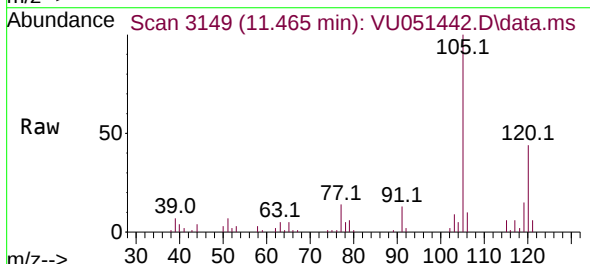
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

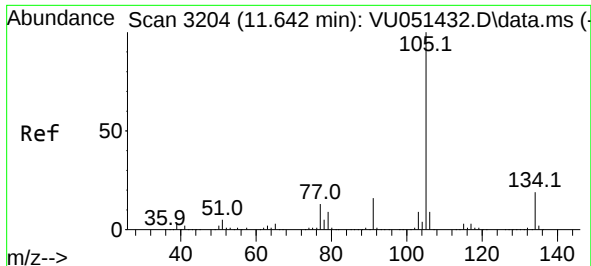
Tgt Ion:	119	Resp:	30718
Ion Ratio	Lower	Upper	
119	100		
91	57.1	29.8	89.5
134	22.6	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.560 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:	105	Resp:	29102
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.1	66.3





#79

sec-Butylbenzene

Concen: 0.567 ug/l

RT: 11.642 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

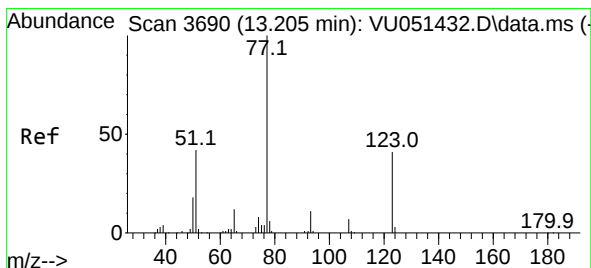
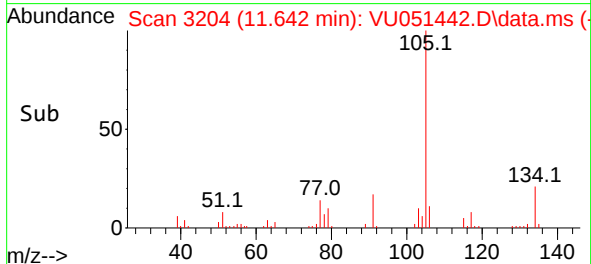
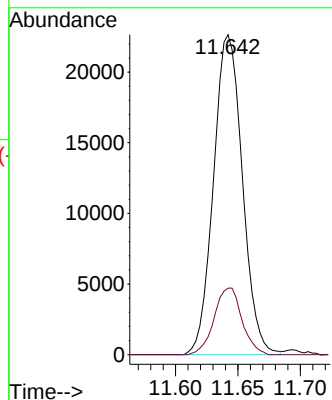
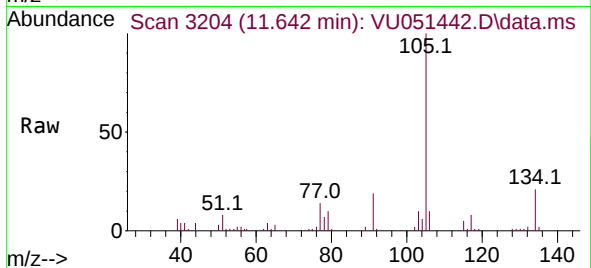
LOQ-WATER-02-QT4-2022

Tgt Ion:105 Resp: 36572

Ion Ratio Lower Upper

105 100

134 20.1 15.2 22.8



#80

Nitrobenzene

Concen: 3.724 ug/l

RT: 13.214 min Scan# 3693

Delta R.T. 0.010 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

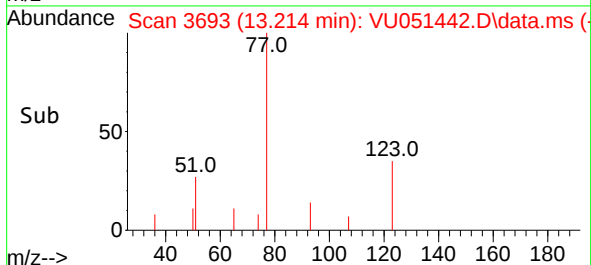
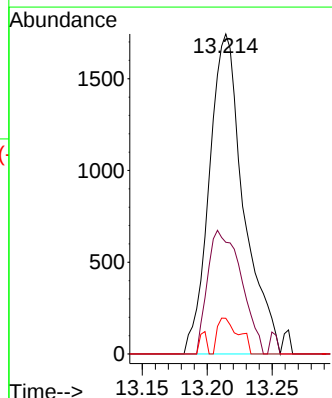
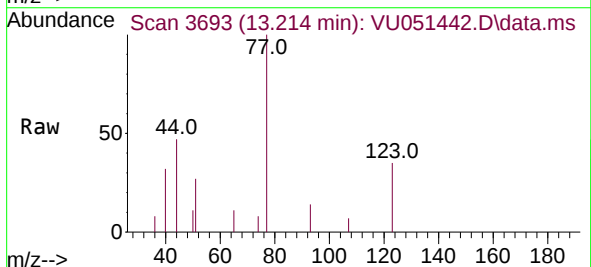
Tgt Ion: 77 Resp: 3204

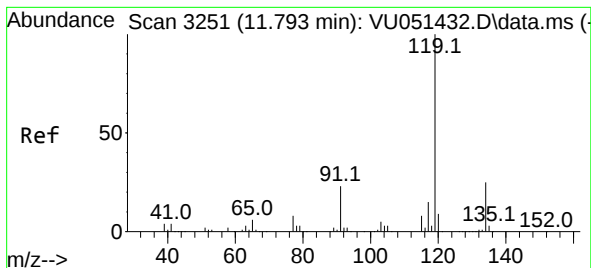
Ion Ratio Lower Upper

77 100

123 37.9 17.5 62.1

65 6.9 11.1 14.1#





#81

p-Isopropyltoluene

Concen: 0.544 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

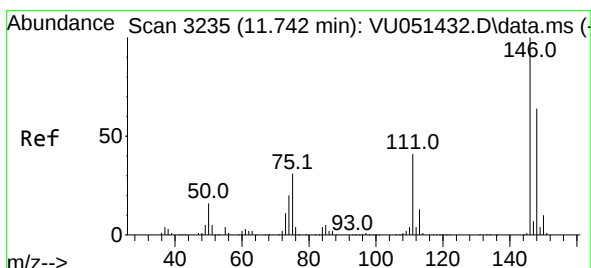
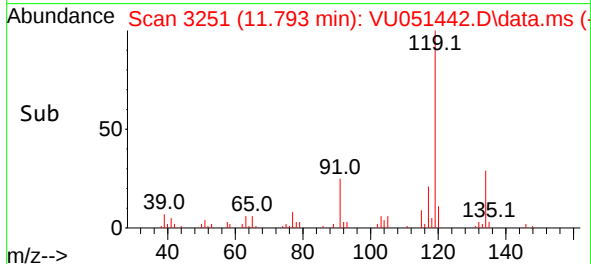
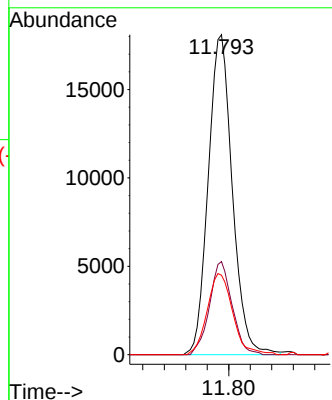
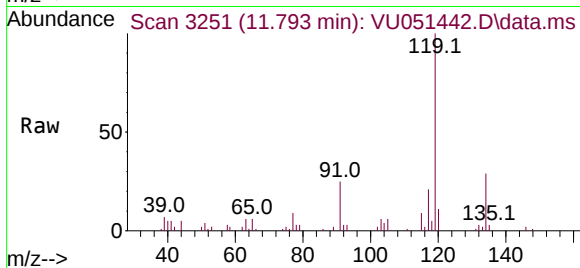
Tgt Ion:119 Resp: 28110

Ion Ratio Lower Upper

119 100

134 27.3 20.3 30.5

91 26.9 18.6 27.8



#82

1,3-Dichlorobenzene

Concen: 0.722 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.003 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

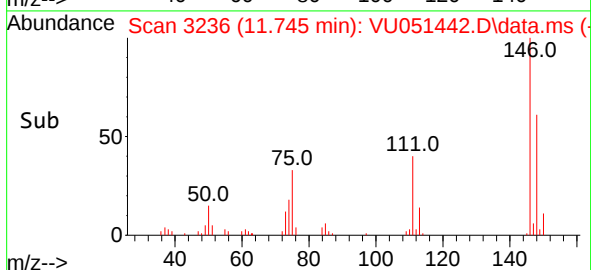
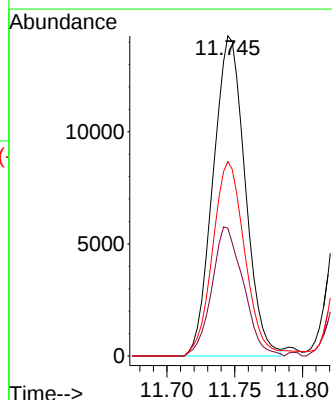
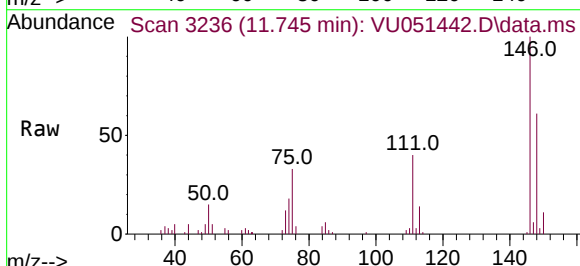
Tgt Ion:146 Resp: 23453

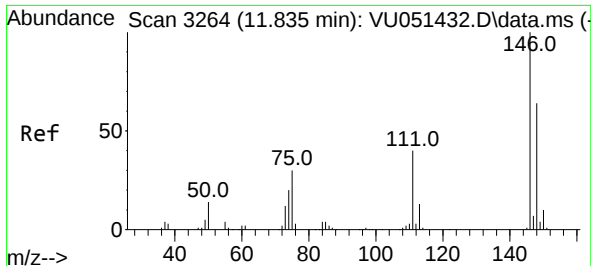
Ion Ratio Lower Upper

146 100

111 39.6 33.4 50.0

148 61.5 51.0 76.6

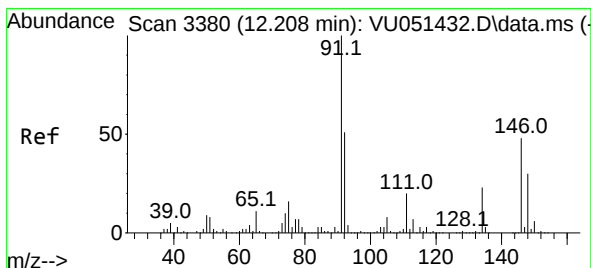
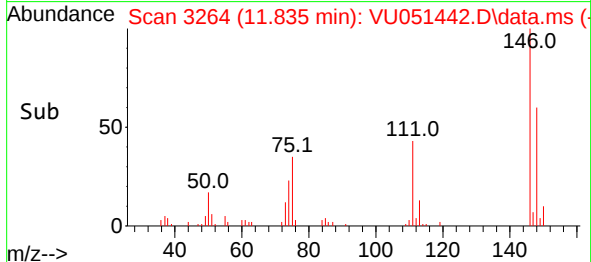
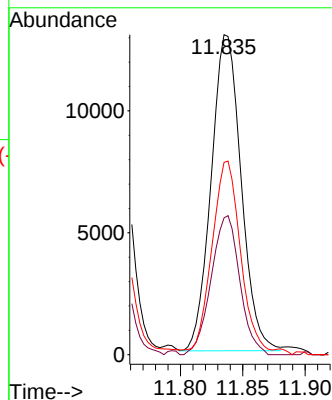
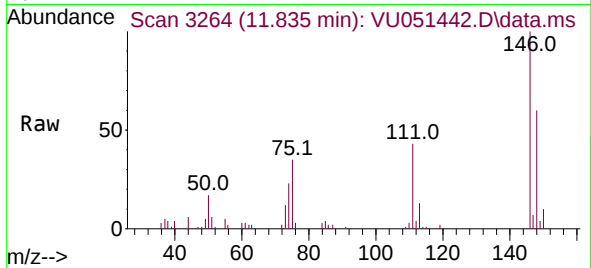




#83
1,4-Dichlorobenzene
Concen: 0.683 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

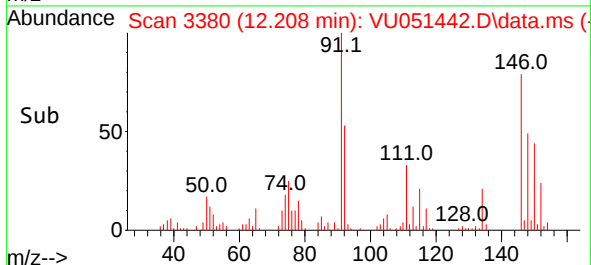
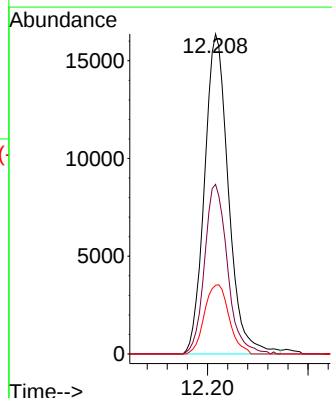
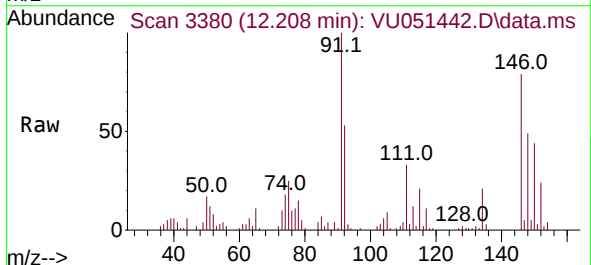
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

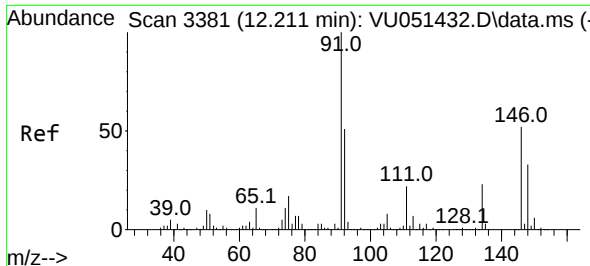
Tgt Ion:146	Resp:	21715
Ion	Ratio	Lower Upper
146	100	
111	41.9	31.6 47.4
148	56.0	50.5 75.7



#84
n-Butylbenzene
Concen: 0.528 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 91	Resp:	27029
Ion	Ratio	Lower Upper
91	100	
92	50.9	40.6 61.0
134	22.2	18.3 27.5

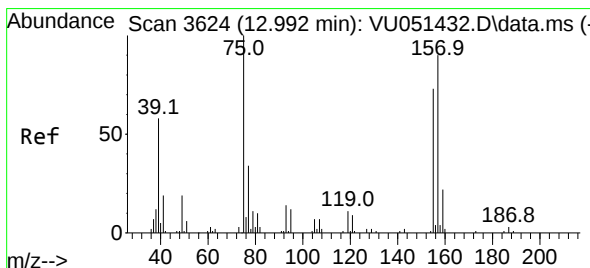
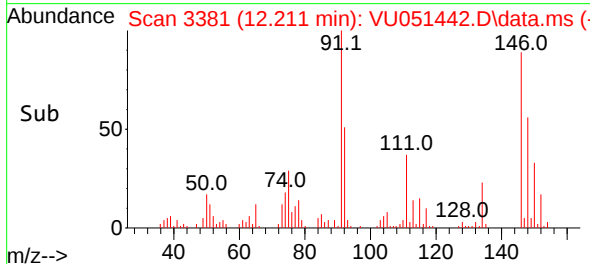
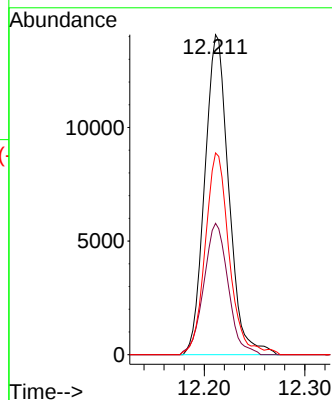
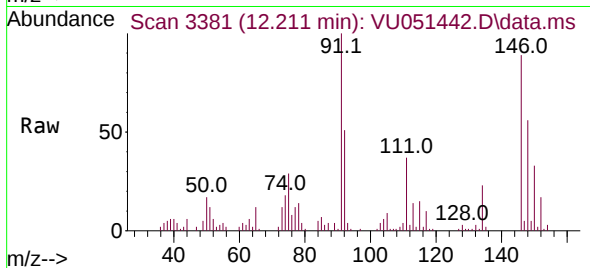




#85
1,2-Dichlorobenzene
Concen: 0.729 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

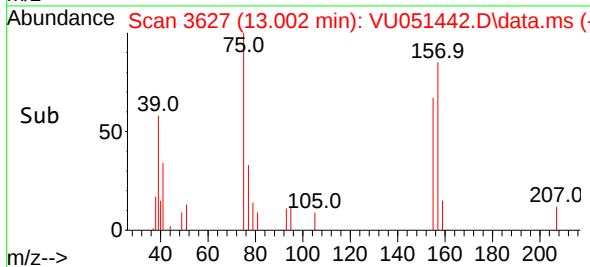
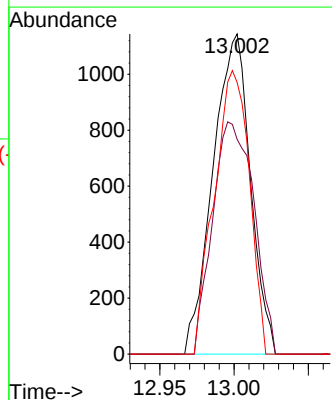
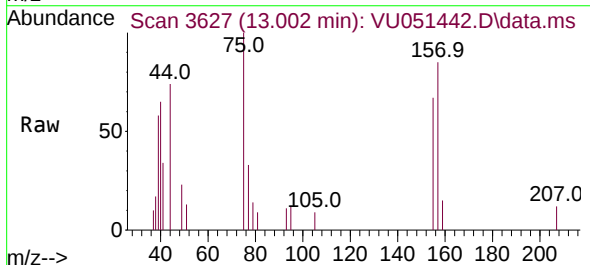
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

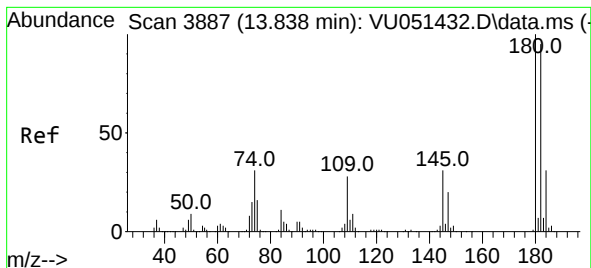
Tgt Ion:146 Resp: 23332
Ion Ratio Lower Upper
146 100
111 41.6 21.3 63.9
148 63.4 31.8 95.4



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.736 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.010 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion: 75 Resp: 2000
Ion Ratio Lower Upper
75 100
155 80.1 58.5 87.7
157 83.2 75.3 112.9





#87

1,2,4-Trichlorobenzene

Concen: 0.663 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

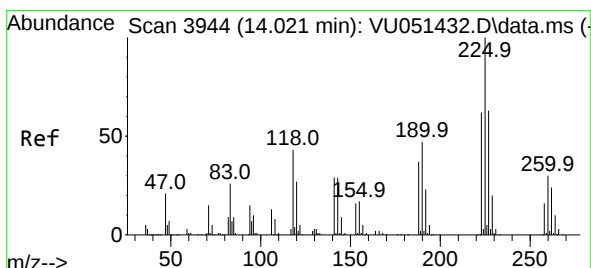
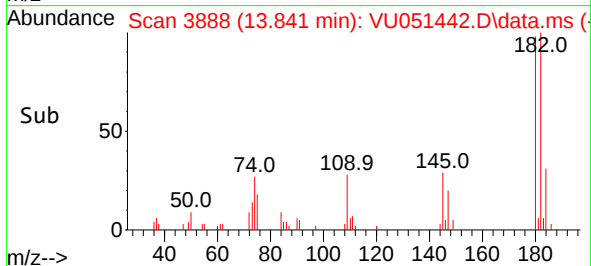
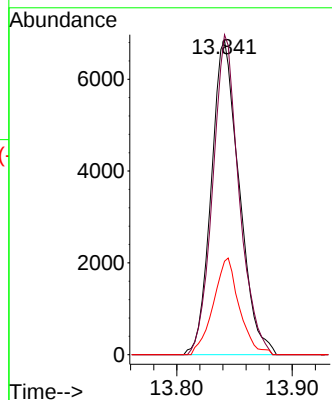
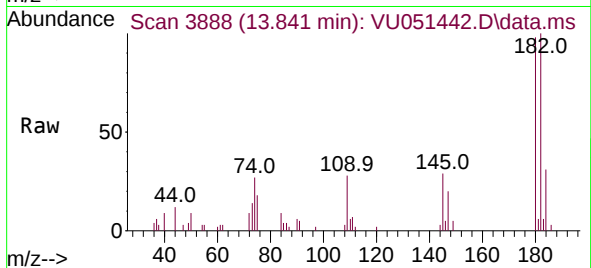
Tgt Ion:180 Resp: 11493

Ion Ratio Lower Upper

180 100

182 95.8 75.9 113.9

145 28.7 24.9 37.3



#88

Hexachlorobutadiene

Concen: 0.777 ug/l

RT: 14.018 min Scan# 3943

Delta R.T. -0.003 min

Lab File: VU051442.D

Acq: 18 Oct 2022 15:20

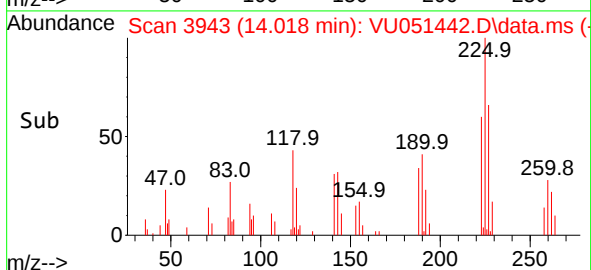
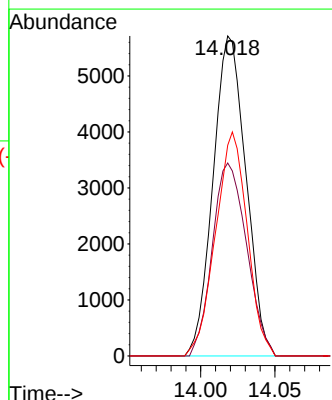
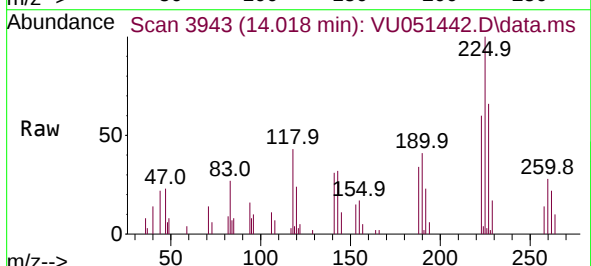
Tgt Ion:225 Resp: 8793

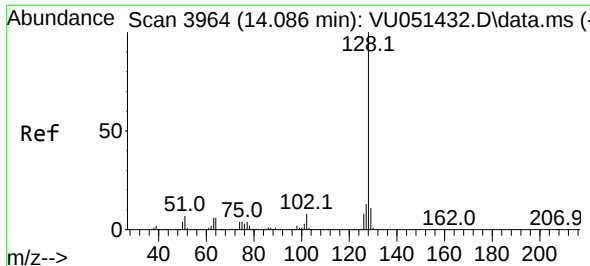
Ion Ratio Lower Upper

225 100

223 62.9 50.1 75.1

227 67.6 51.4 77.2

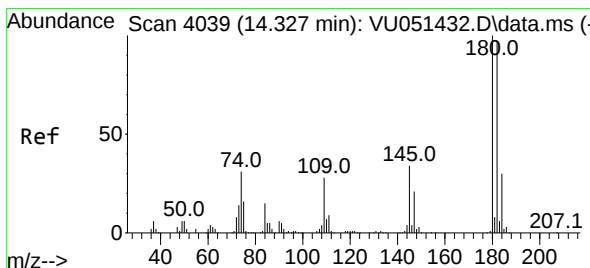
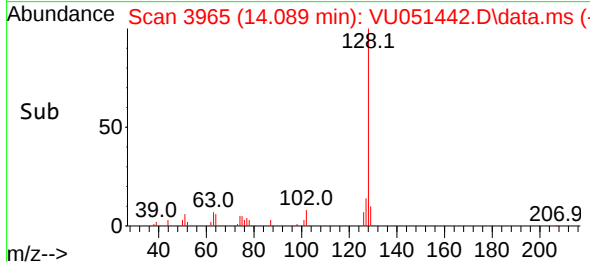
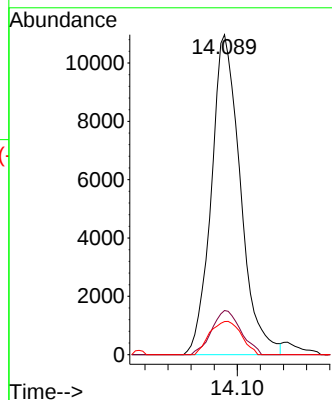
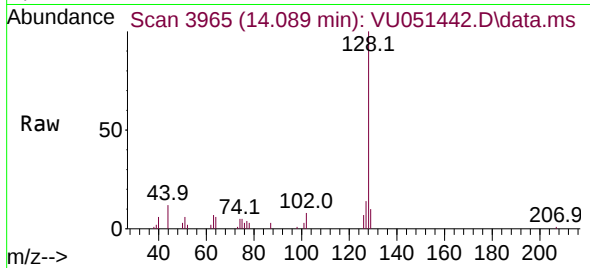




#89
Naphthalene
Concen: 0.528 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

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

Tgt Ion:128	Resp:	19151
Ion Ratio	Lower	Upper
128	100	
127	13.9	10.7 16.1
129	11.3	8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 0.612 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051442.D
Acq: 18 Oct 2022 15:20

Tgt Ion:180	Resp:	11620
Ion Ratio	Lower	Upper
180	100	
182	91.8	75.8 113.6
145	30.6	26.6 39.8

