

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051459.D
 Acq On : 19 Oct 2022 15:56
 Operator : JC/MD
 Sample : N3980-08 1.0PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Oct 20 07:43:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 20 07:37:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	35559	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	9908	0.794	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	12873	0.924	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	14192	1.143	ug/l	98
3) Chloromethane	1.530	50	18860	0.964	ug/l	96
4) Vinyl Chloride	1.604	62	17134	1.011	ug/l	# 79
5) Bromomethane	1.851	94	10306	1.091	ug/l	96
6) Chloroethane	1.932	64	11363	1.177	ug/l	99
7) Trichlorofluoromethane	2.141	101	20562	1.087	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	11991	1.148	ug/l	94
9) 1,1-Dichloroethene	2.581	96	11856	1.086	ug/l	97
10) Iodomethane	2.723	142	11395	0.806	ug/l	99
11) Allyl Chloride	2.922	41	16950	1.019	ug/l	95
12) Acrylonitrile	3.314	53	8612	2.682	ug/l	90
13) Acetone	2.626	43	18565	8.029	ug/l	100
14) Carbon Disulfide	2.790	76	40475	1.041	ug/l	99
15) Methylene Chloride	3.041	84	33467	2.094	ug/l	96
16) trans-1,2-Dichloroethene	3.350	96	13506	1.079	ug/l	95
17) 1,1-Dichloroethane	3.867	63	22994	1.022	ug/l	99
18) 2-Butanone	4.719	43	17643	6.288	ug/l	98
19) Cyclohexane	5.385	56	11274	0.809	ug/l	# 88
20) Methylcyclohexane	6.761	83	11500	0.831	ug/l	89
21) 2,2-Dichloropropane	4.658	77	16163	1.029	ug/l	95
22) cis-1,2-Dichloroethene	4.671	96	10968	0.926	ug/l	97
23) Diethyl Ether	2.379	59	10767	1.130	ug/l	99
24) tert-Butyl Alcohol	3.186	59	18109	18.122	ug/l	95
25) Methyl tert-Butyl Ether	3.369	73	33231	1.171	ug/l	94
26) Bromochloromethane	4.980	128	5976	1.036	ug/l	98
27) Chloroform	5.089	83	23310	1.023	ug/l	95
28) 1,1,1-Trichloroethane	5.314	97	17244	0.948	ug/l	94
29) 1,1-Dichloropropene	5.526	75	12258	0.880	ug/l	98
30) Carbon Tetrachloride	5.520	117	15494	1.010	ug/l	97
31) Isopropyl Ether	3.999	45	25566	0.961	ug/l	90
32) Ethyl-t-butyl ether	4.504	59	22771	0.937	ug/l	96
33) Tert-Amyl methyl ether	5.944	73	19128	0.896	ug/l	98
34) Propionitrile	4.784	54	6491	6.881	ug/l	# 96
35) Benzene	5.774	78	43516	0.931	ug/l	96
36) 1,2-Dichloroethane	5.797	62	15909	1.103	ug/l	98
37) Trichloroethene	6.539	130	10740	0.979	ug/l	93
38) 1,2-Dichloropropane	6.790	63	12230	0.954	ug/l	99
39) Methacrylonitrile	4.980	41	3784	1.174	ug/l	# 44
40) Methyl acrylate	4.864	55	5270	1.025	ug/l	# 90
41) Tetrahydrofuran	5.067	42	4064	2.401	ug/l	# 91
42) 1-Chlorobutane	5.459	56	17661	0.929	ug/l	99
43) Dibromomethane	6.919	93	7496	1.126	ug/l	96
44) Bromodichloromethane	7.105	83	16702	1.037	ug/l	# 99

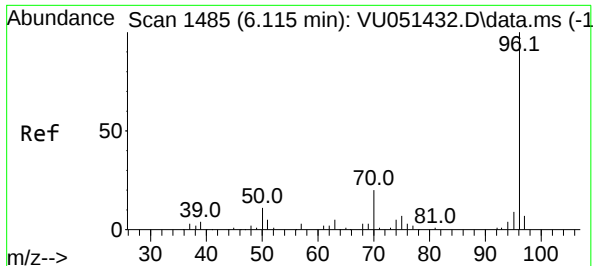
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 20 07:37:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	31326	4.945	ug/l	99
46) t-1,4-Dichloro-2-butene	10.825	75	16606	4.696	ug/l #	50
47) Methyl methacrylate	6.964	69	8886	1.746	ug/l	91
48) Ethyl methacrylate	8.337	69	7955	0.933	ug/l	99
49) Toluene	7.970	92	20332	0.793	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	12362	0.954	ug/l	95
51) cis-1,3-Dichloropropene	7.610	75	13299	0.871	ug/l	97
52) 1,1,2-Trichloroethane	8.401	97	10522	1.107	ug/l	98
53) 1,3-Dichloropropane	8.575	76	15504	1.012	ug/l	96
54) 2-Hexanone	8.687	43	22450	5.153	ug/l	92
55) Dibromochloromethane	8.809	129	11112	1.075	ug/l	96
56) 1,2-Dibromoethane	8.925	107	9435	1.129	ug/l	99
58) Tetrachloroethene	8.549	164	9100	0.952	ug/l	93
59) Chlorobenzene	9.446	112	24669	0.877	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	10462	0.970	ug/l	98
61) Pentachloroethane	11.427	117	9281	0.966	ug/l	98
62) Hexachloroethane	12.475	117	8757	0.960	ug/l	97
63) Ethyl Benzene	9.571	91	30778	0.721	ug/l	97
64) m/p-Xylenes	9.693	106	23277	1.369	ug/l	93
65) o-Xylene	10.099	106	11840	0.716	ug/l	98
66) Styrene	10.115	104	17607	0.642	ug/l	98
67) Bromoform	10.288	173	6786	1.170	ug/l	98
69) Isopropylbenzene	10.484	105	29111	0.715	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	15408	1.199	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	16606	1.739	ug/l	75
72) Bromobenzene	10.780	156	8563	0.765	ug/l	92
73) n-propylbenzene	10.906	120	7338	0.641	ug/l	88
74) 2-Chlorotoluene	10.986	126	7697	0.706	ug/l	97
75) 1,3,5-Trimethylbenzene	11.086	105	22992	0.623	ug/l	98
76) 4-Chlorotoluene	11.095	126	7341	0.659	ug/l	93
77) tert-Butylbenzene	11.420	119	26324	0.730	ug/l	93
78) 1,2,4-Trimethylbenzene	11.468	105	23387	0.609	ug/l	100
79) sec-Butylbenzene	11.642	105	30976	0.649	ug/l	100
80) Nitrobenzene	13.217	77	2328	3.658	ug/l	92
81) p-Isopropyltoluene	11.793	119	23199	0.607	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	19147	0.796	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	17876	0.760	ug/l	98
84) n-Butylbenzene	12.208	91	22234	0.587	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	19011	0.803	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.996	75	2336	1.162	ug/l	93
87) 1,2,4-Trichlorobenzene	13.841	180	9059	0.706	ug/l	92
88) Hexachlorobutadiene	14.021	225	7442	0.890	ug/l	96
89) Naphthalene	14.089	128	16393	0.611	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	8743	0.623	ug/l	97

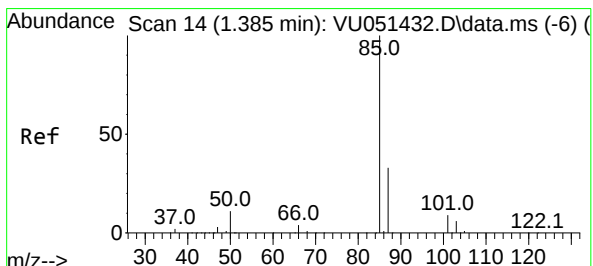
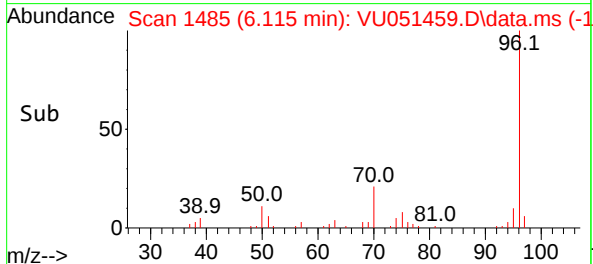
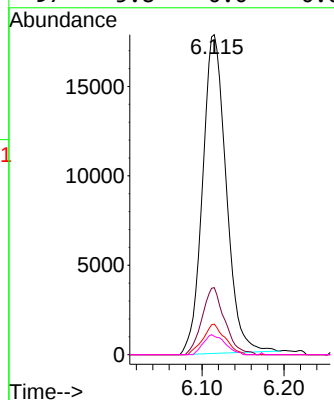
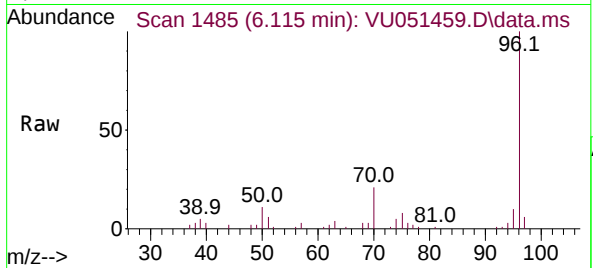
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051459.D
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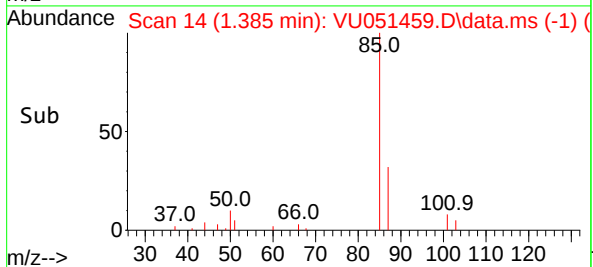
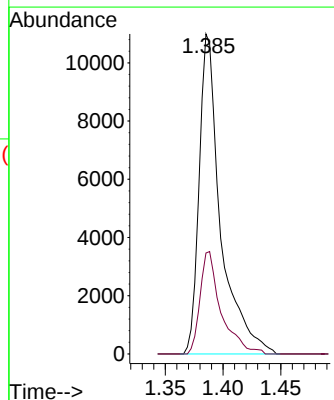
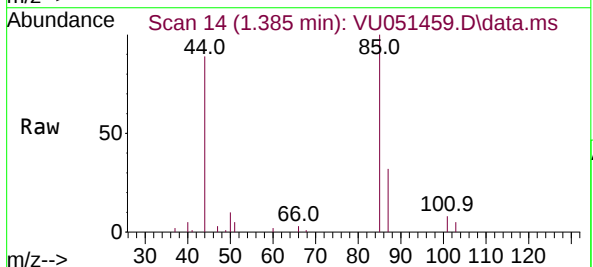
Instrument :
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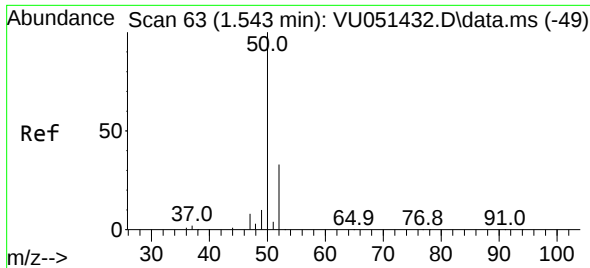
Tgt Ion: 96	Resp: 35559
Ion Ratio	Lower Upper
96 100	
70 20.3	16.7 25.1
95 8.9	7.5 11.3
97 5.8	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 1.143 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 85	Resp: 14192
Ion Ratio	Lower Upper
85 100	
87 31.5	16.4 49.4

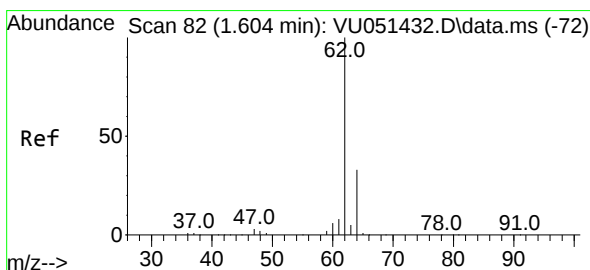
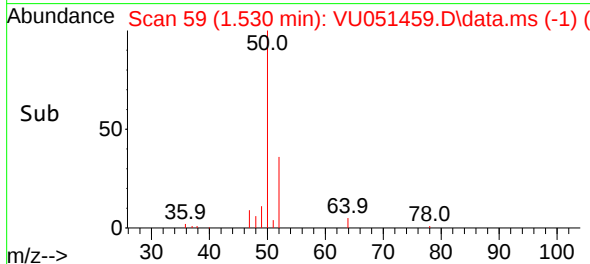
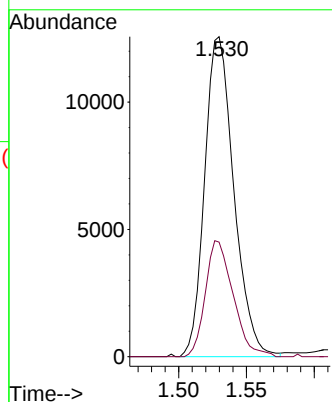
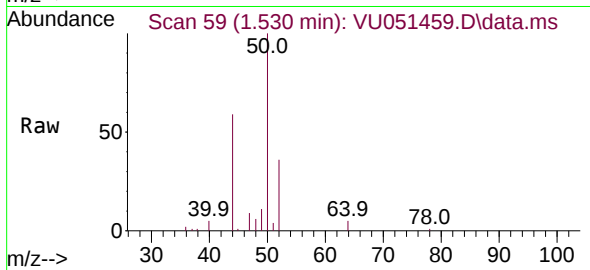




#3
Chloromethane
Concen: 0.964 ug/l
RT: 1.530 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

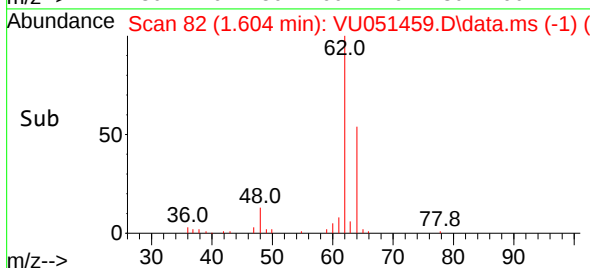
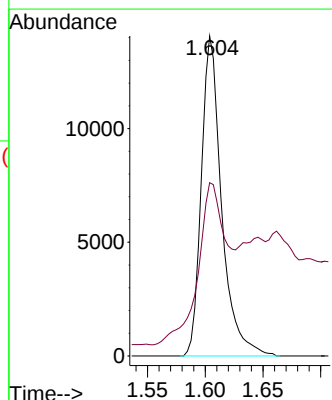
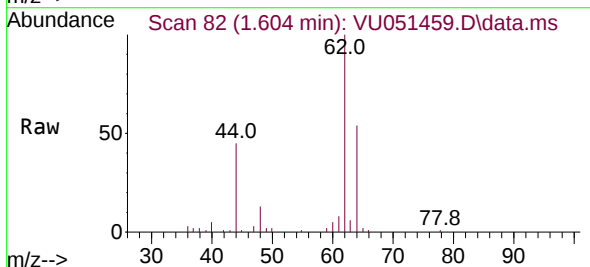
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MSVOA_U
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LOQ-WATER-02-QT3-2022

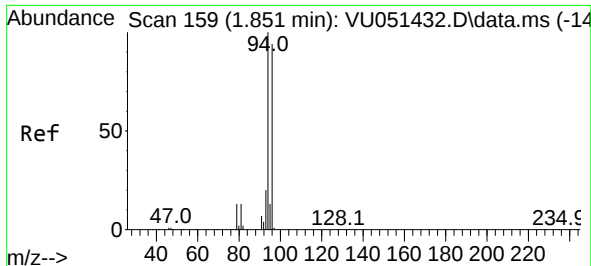
Tgt Ion: 50 Resp: 18860
Ion Ratio Lower Upper
50 100
52 35.8 26.7 40.1



#4
Vinyl Chloride
Concen: 1.011 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 62 Resp: 17134
Ion Ratio Lower Upper
62 100
64 45.3 26.7 40.1#

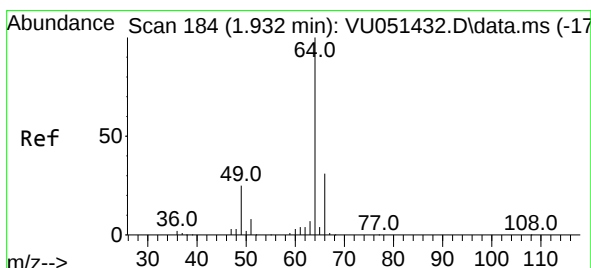
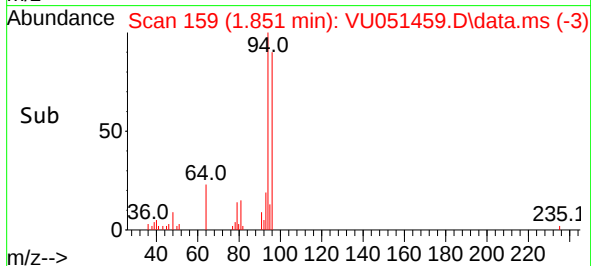
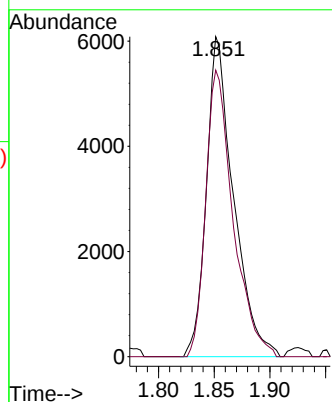
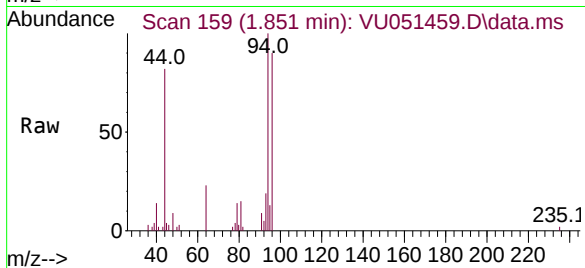




#5
Bromomethane
Concen: 1.091 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

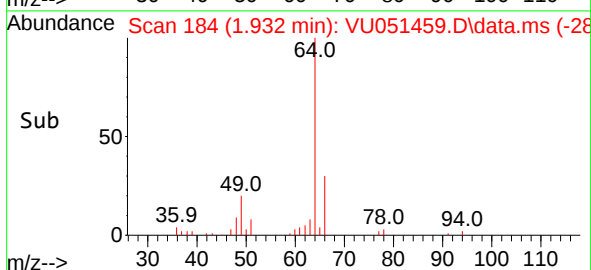
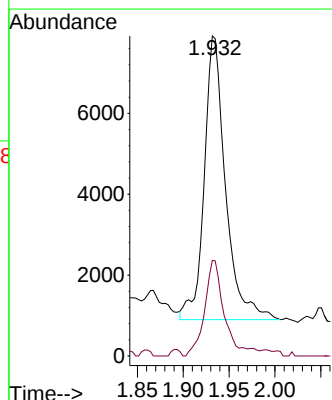
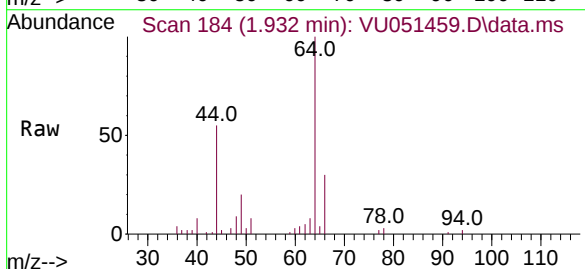
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ClientSampleId : LOQ-WATER-02-QT3-2022

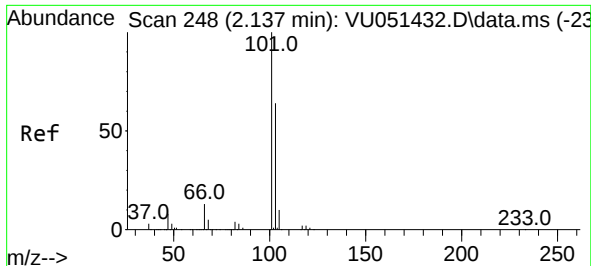
Tgt Ion: 94 Resp: 10306
Ion Ratio Lower Upper
94 100
96 89.6 74.8 112.2



#6
Chloroethane
Concen: 1.177 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 64 Resp: 11363
Ion Ratio Lower Upper
64 100
66 32.2 25.2 37.8

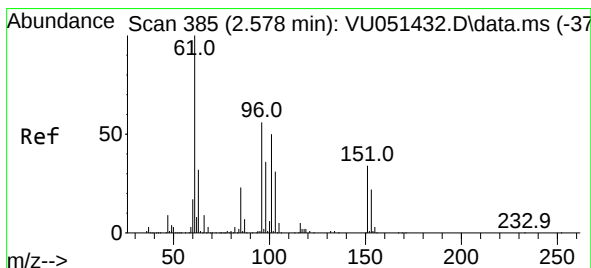
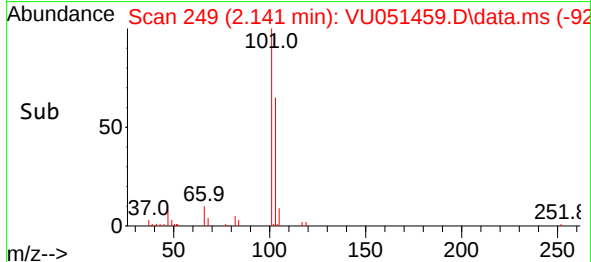
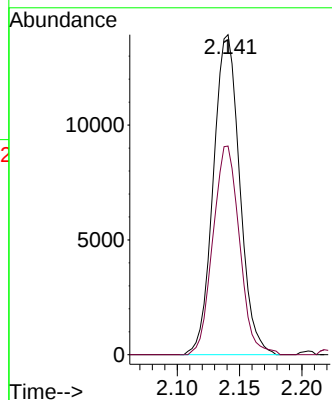
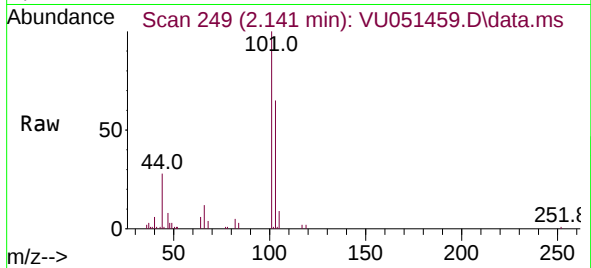




#7
 Trichlorofluoromethane
 Concen: 1.087 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU051459.D
 Acq: 19 Oct 2022 15:56

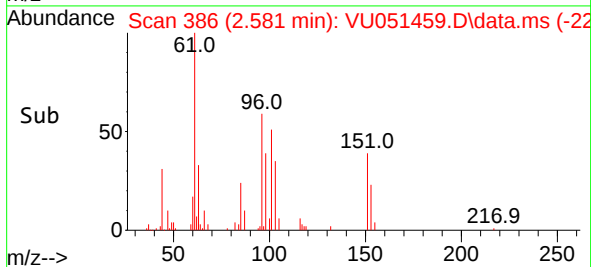
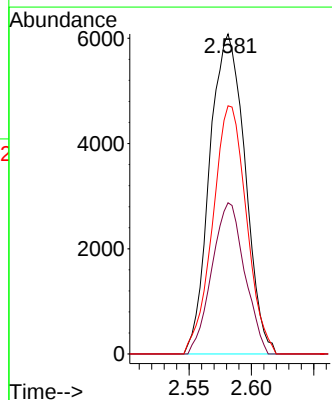
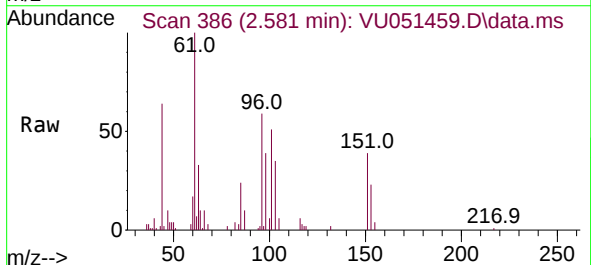
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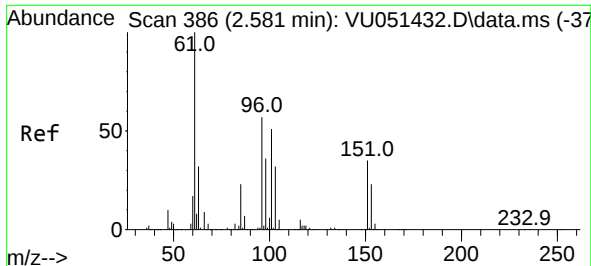
Tgt Ion:101 Resp: 20562
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.148 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051459.D
 Acq: 19 Oct 2022 15:56

Tgt Ion:101 Resp: 11991
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.6 54.8
 151 74.2 54.6 81.8

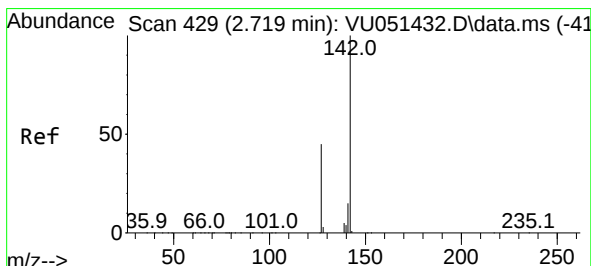
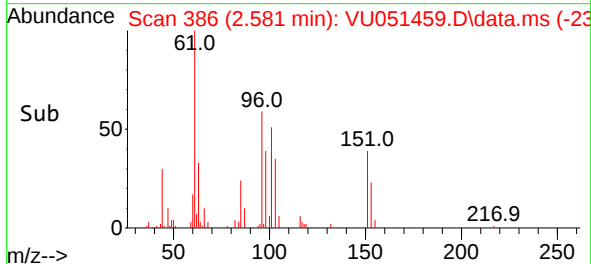
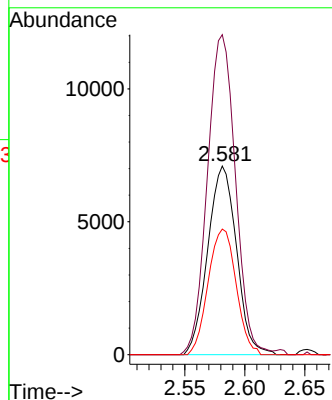
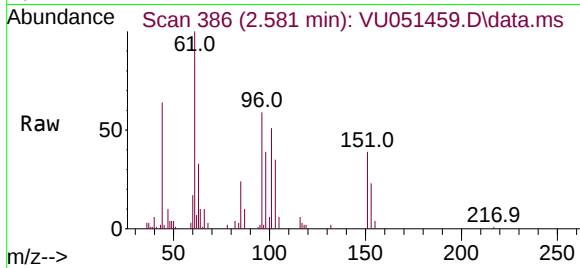




#9
1,1-Dichloroethene
Concen: 1.086 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

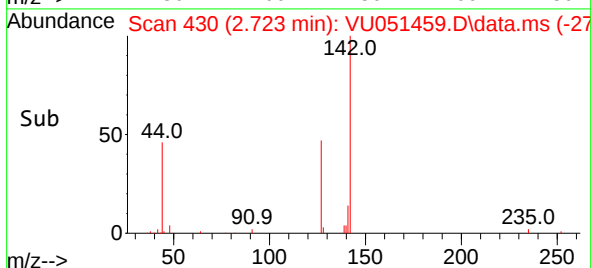
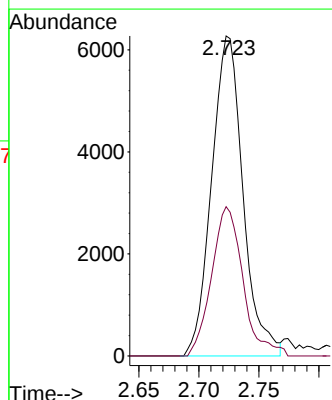
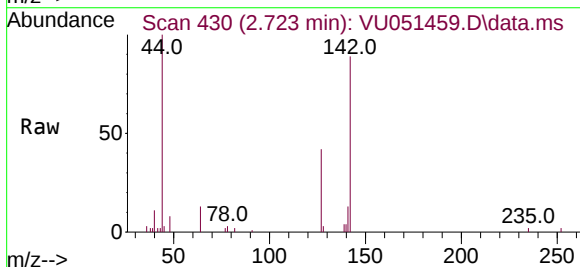
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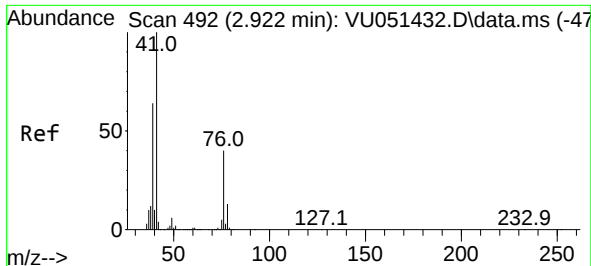
Tgt Ion: 96 Resp: 11856
Ion Ratio Lower Upper
96 100
61 169.6 0.0 522.3
98 66.6 0.0 126.6



#10
Iodomethane
Concen: 0.806 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 142 Resp: 11395
Ion Ratio Lower Upper
142 100
127 46.7 37.0 55.4

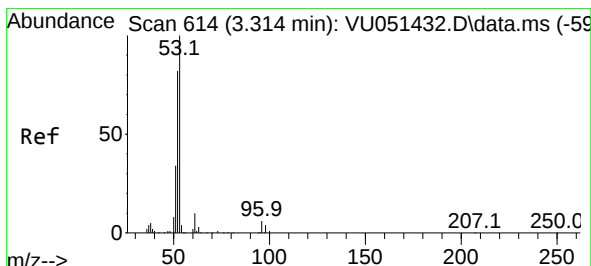
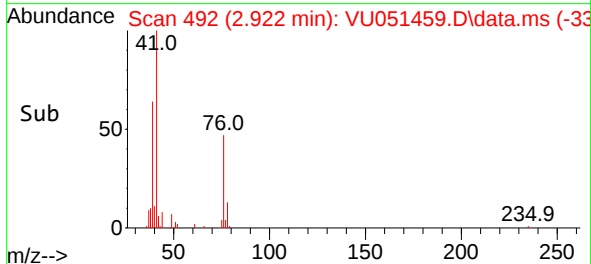
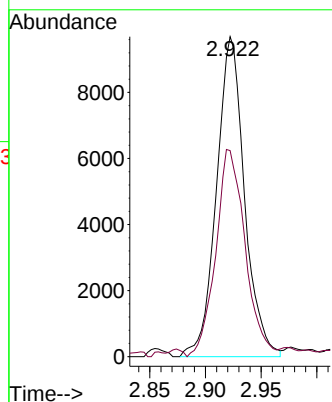
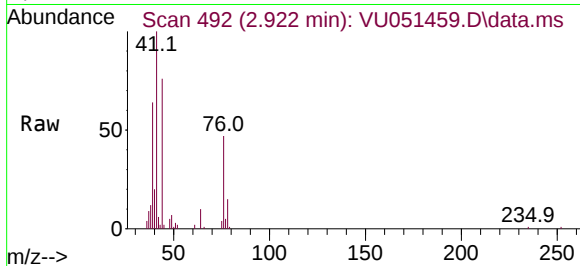




#11
 Allyl Chloride
 Concen: 1.019 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU051459.D
 Acq: 19 Oct 2022 15:56

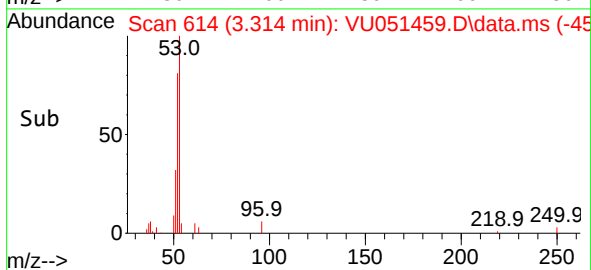
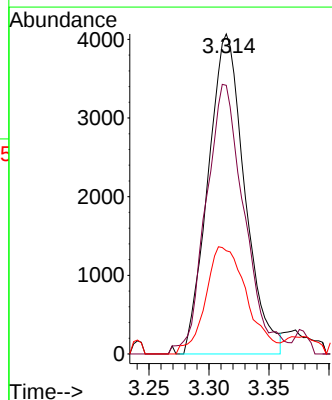
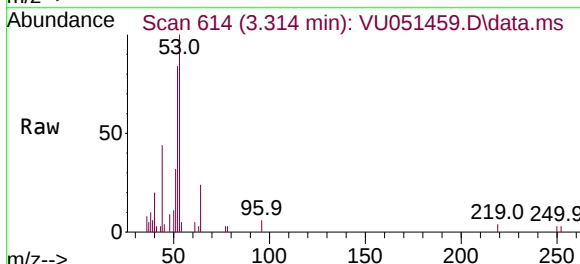
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

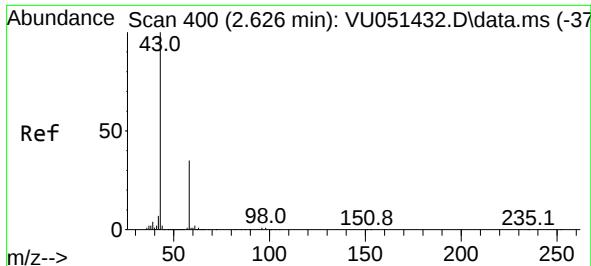
Tgt Ion: 41 Resp: 16950
 Ion Ratio Lower Upper
 41 100
 39 67.9 51.4 77.0



#12
 Acrylonitrile
 Concen: 2.682 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VU051459.D
 Acq: 19 Oct 2022 15:56

Tgt Ion: 53 Resp: 8612
 Ion Ratio Lower Upper
 53 100
 52 88.3 63.9 95.9
 51 38.0 25.9 38.9





#13

Acetone

Concen: 8.029 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

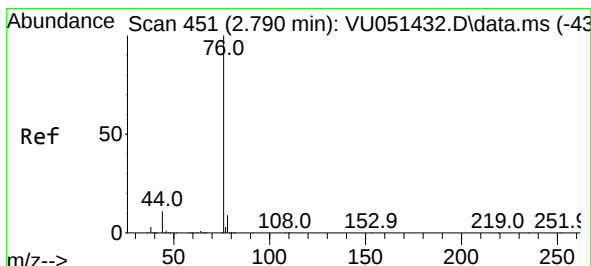
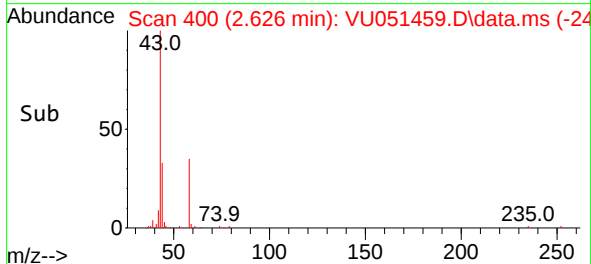
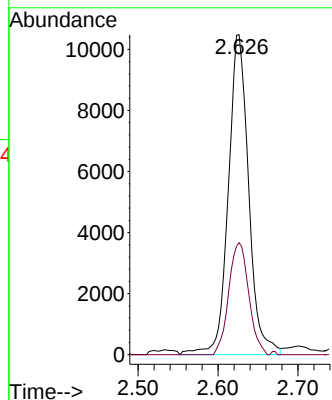
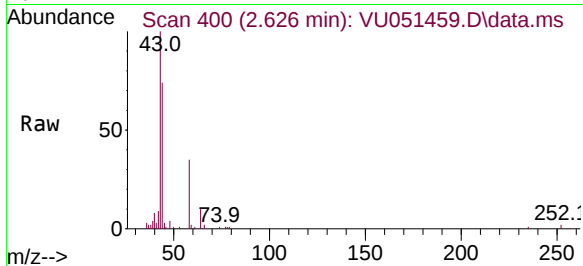
LOQ-WATER-02-QT3-2022

Tgt Ion: 43 Resp: 18565

Ion Ratio Lower Upper

43 100

58 35.0 27.9 41.9



#14

Carbon Disulfide

Concen: 1.041 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051459.D

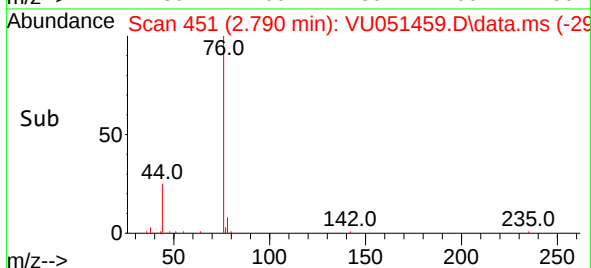
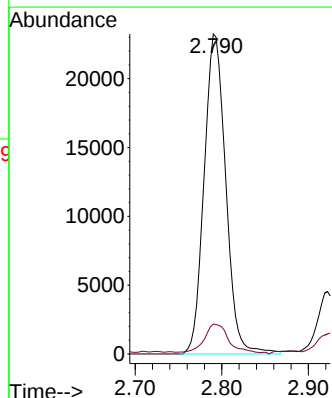
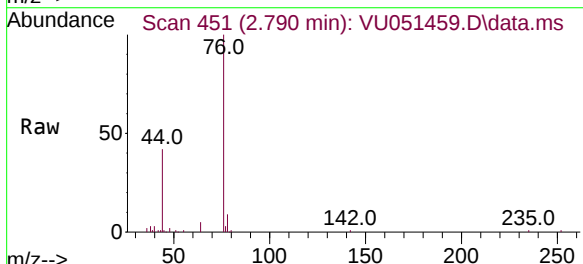
Acq: 19 Oct 2022 15:56

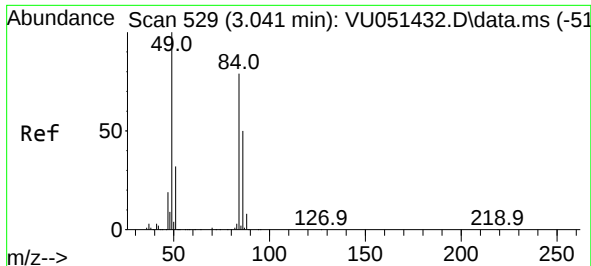
Tgt Ion: 76 Resp: 40475

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

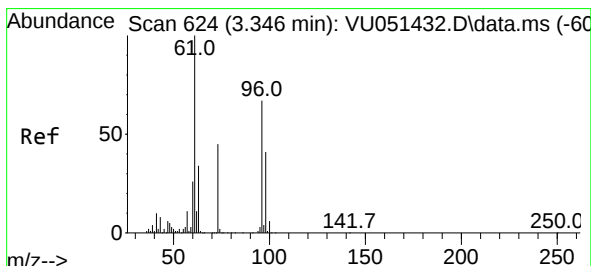
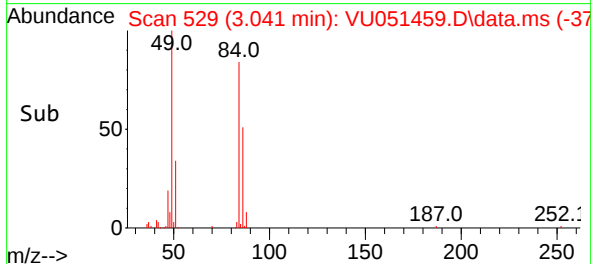
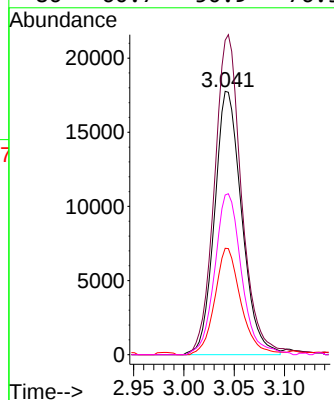
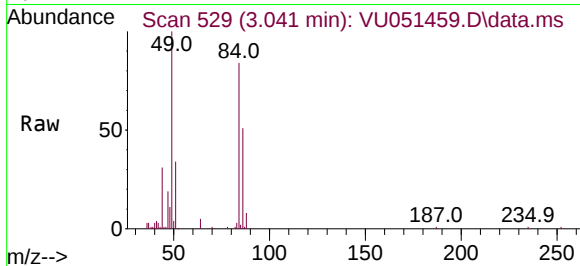




#15
Methylene Chloride
Concen: 2.094 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

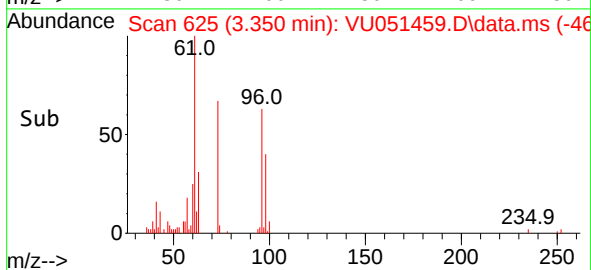
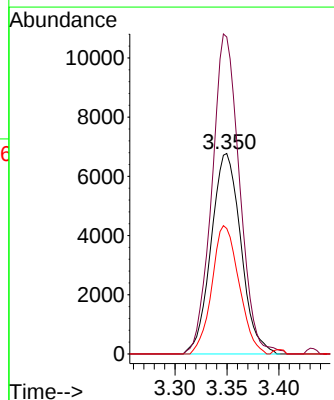
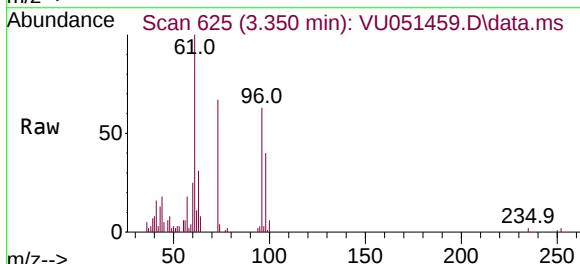
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

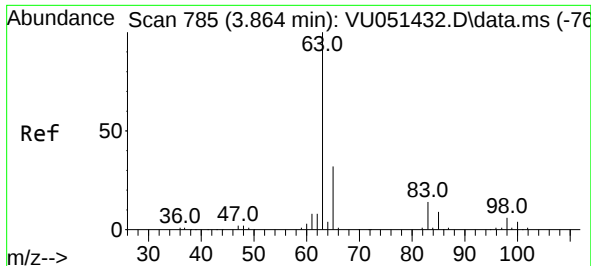
Tgt Ion:	84	Resp:	33467
Ion	Ratio	Lower	Upper
84	100		
49	119.4	101.1	151.7
51	40.4	0.0	80.2
86	60.7	50.9	76.3



#16
trans-1,2-Dichloroethene
Concen: 1.079 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion:	96	Resp:	13506
Ion	Ratio	Lower	Upper
96	100		
61	158.1	119.9	179.9
98	62.6	49.5	74.3

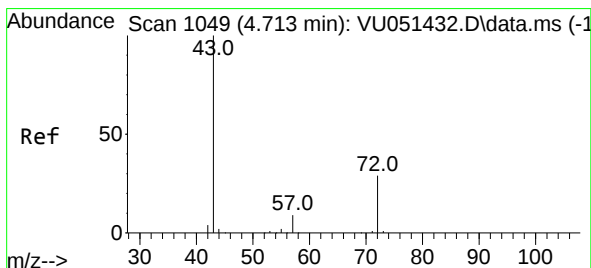
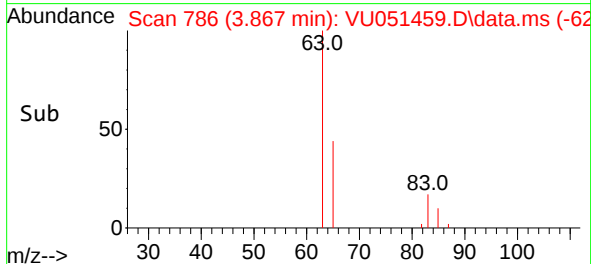
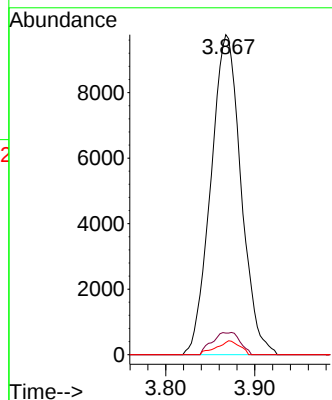
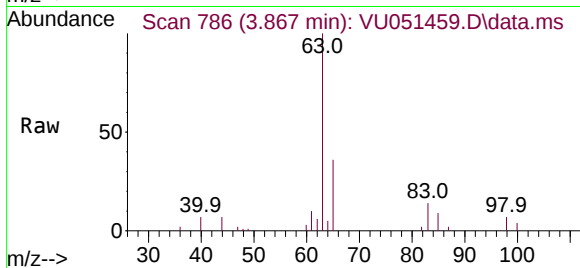




#17
1,1-Dichloroethane
Concen: 1.022 ug/l
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

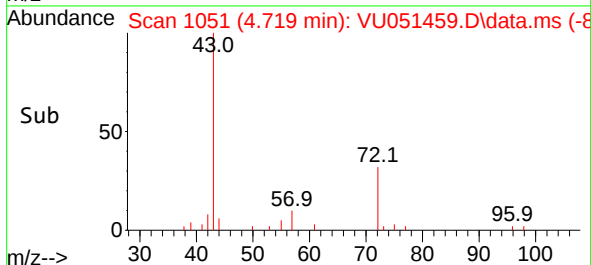
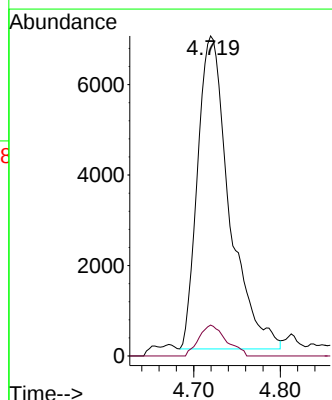
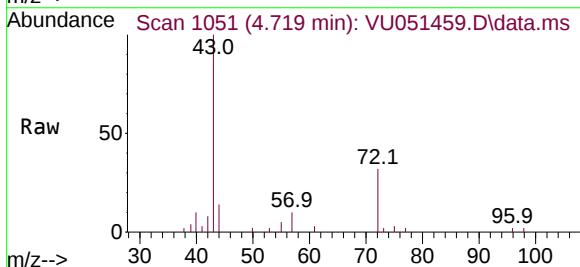
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

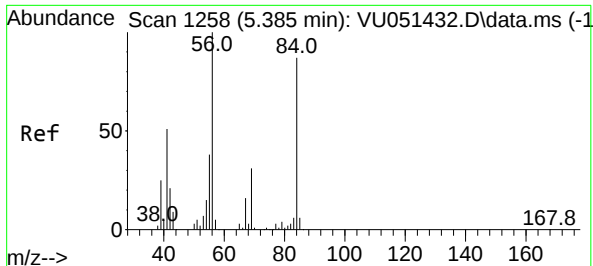
Tgt Ion:	63	Resp:	22994
Ion Ratio	Lower	Upper	
63	100		
98	6.7	3.1	9.3
100	3.8	2.1	6.3



#18
2-Butanone
Concen: 6.288 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion:	43	Resp:	17643
Ion Ratio	Lower	Upper	
43	100		
57	9.9	0.0	18.2





#19

Cyclohexane

Concen: 0.809 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

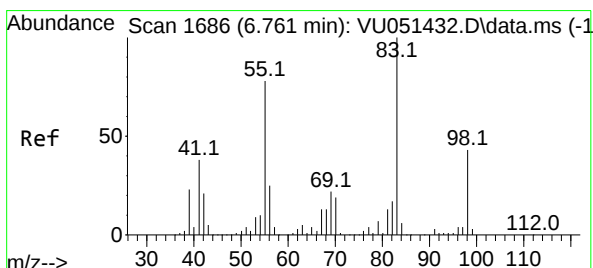
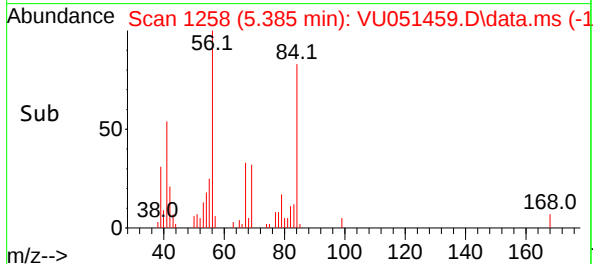
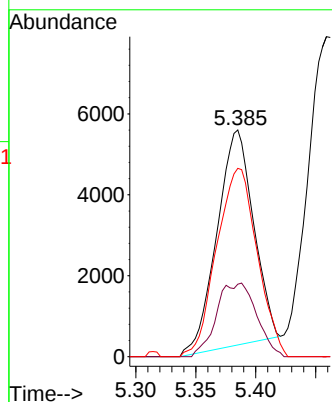
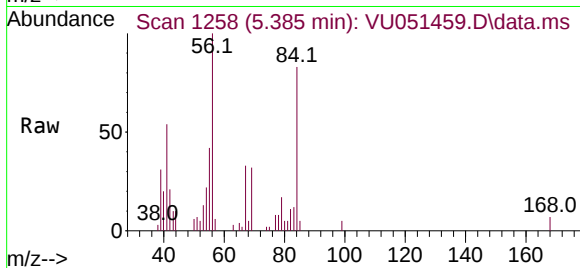
Tgt Ion: 56 Resp: 11274

Ion Ratio Lower Upper

56 100

69 37.5 25.0 37.4#

84 97.1 68.5 102.7



#20

Methylcyclohexane

Concen: 0.831 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

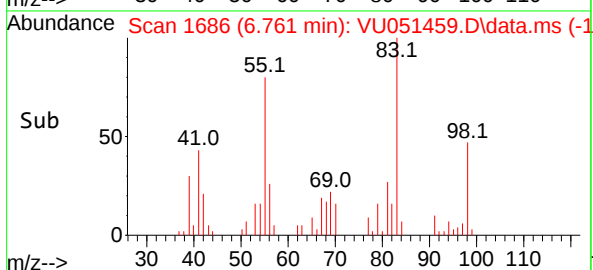
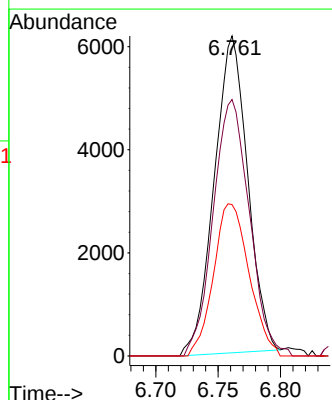
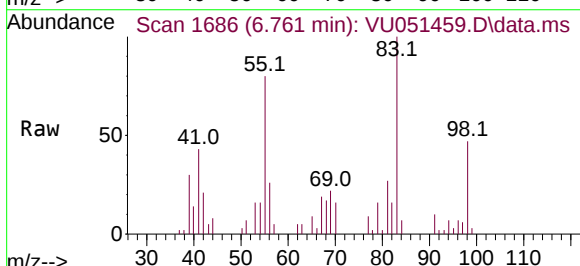
Tgt Ion: 83 Resp: 11500

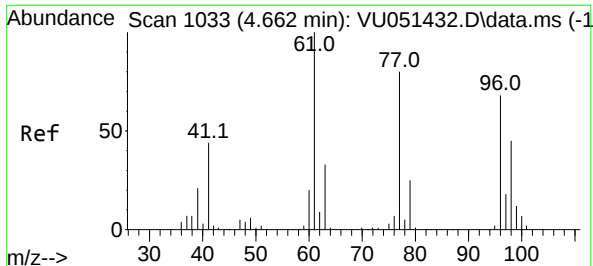
Ion Ratio Lower Upper

83 100

55 87.4 62.4 93.6

98 50.9 35.5 53.3





#21

2,2-Dichloropropane

Concen: 1.029 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

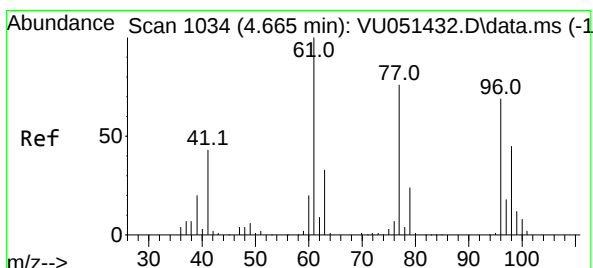
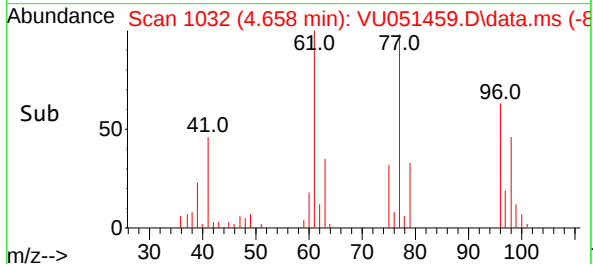
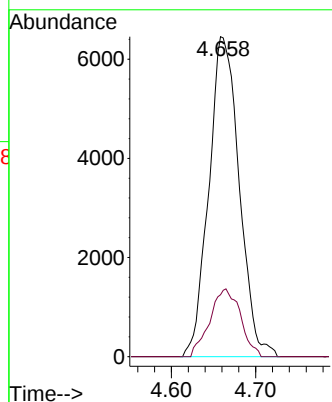
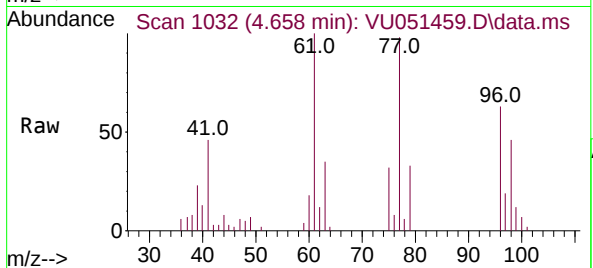
LOQ-WATER-02-QT3-2022

Tgt Ion: 77 Resp: 16163

Ion Ratio Lower Upper

77 100

97 21.4 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 0.926 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

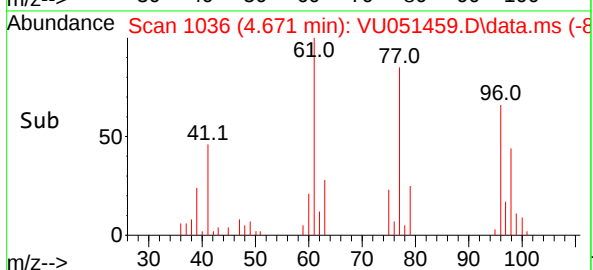
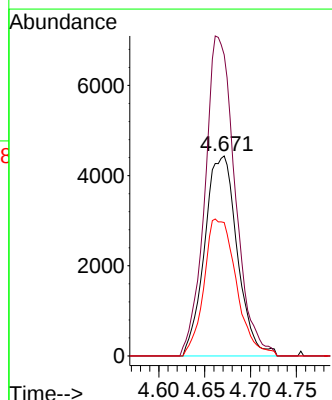
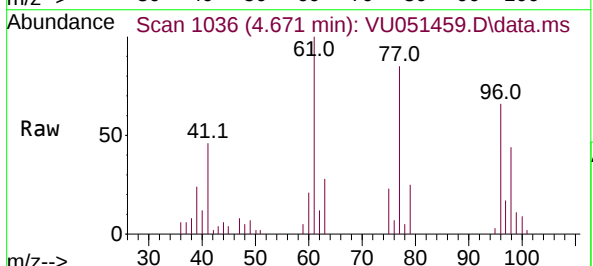
Tgt Ion: 96 Resp: 10968

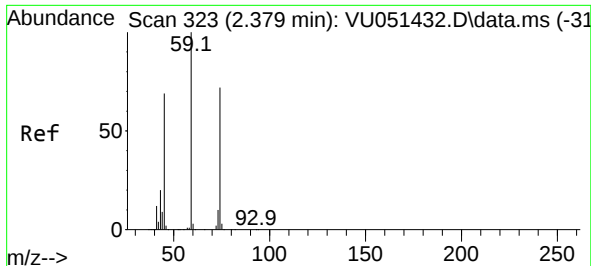
Ion Ratio Lower Upper

96 100

61 148.1 0.0 362.8

98 67.8 32.5 97.5

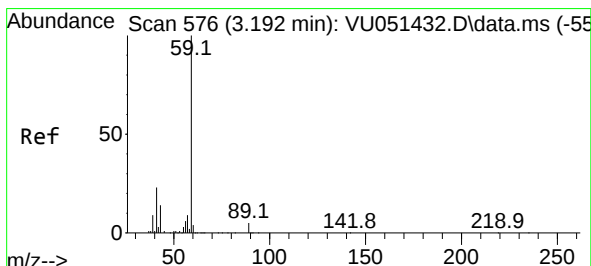
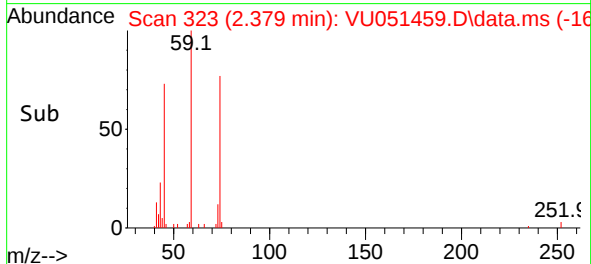
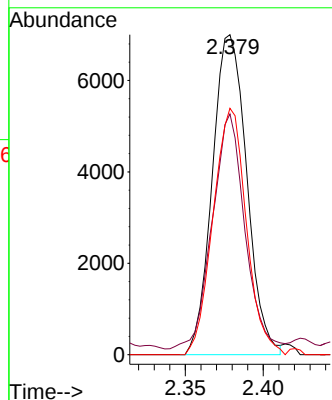
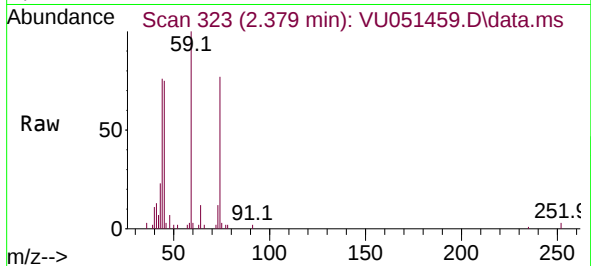




#23
Diethyl Ether
Concen: 1.130 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

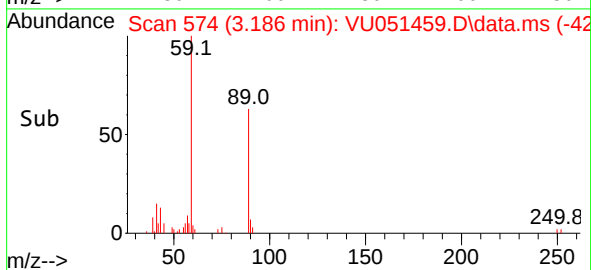
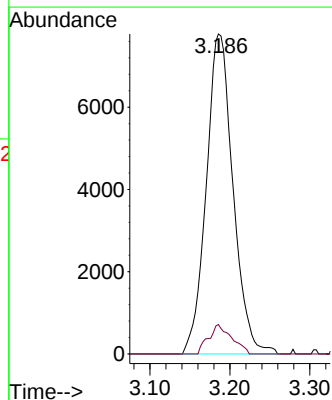
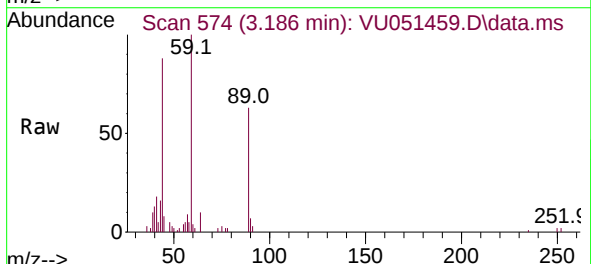
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

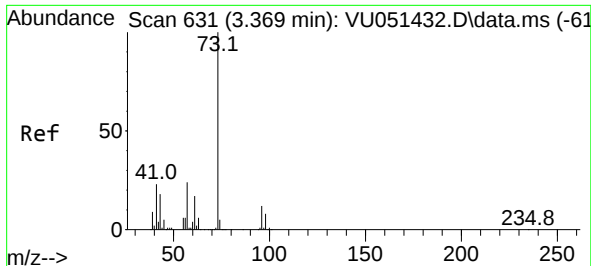
Tgt Ion: 59 Resp: 10767
Ion Ratio Lower Upper
59 100
45 69.1 55.7 83.5
74 74.3 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 18.122 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.006 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 59 Resp: 18109
Ion Ratio Lower Upper
59 100
57 7.9 7.8 11.8

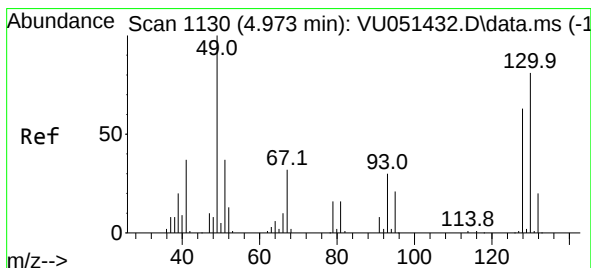
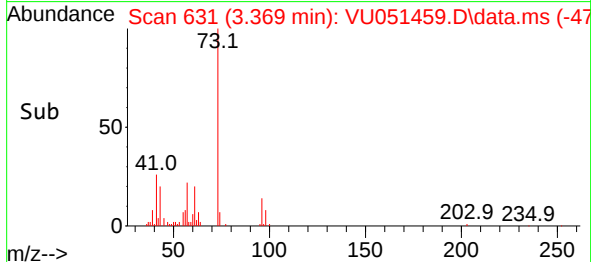
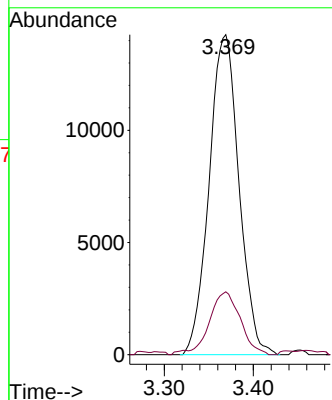
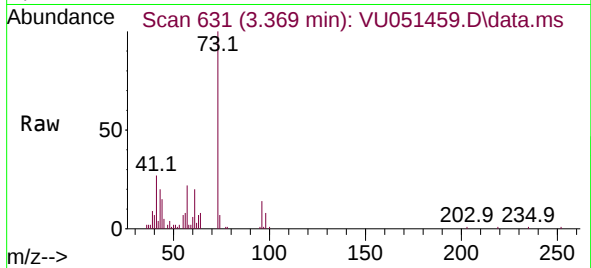




#25
Methyl tert-Butyl Ether
Concen: 1.171 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

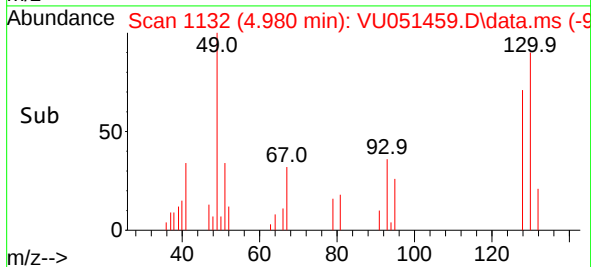
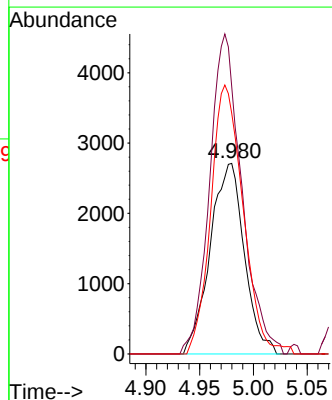
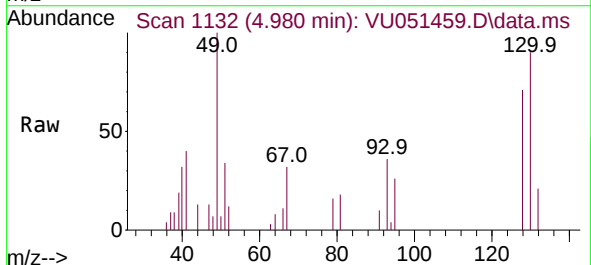
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

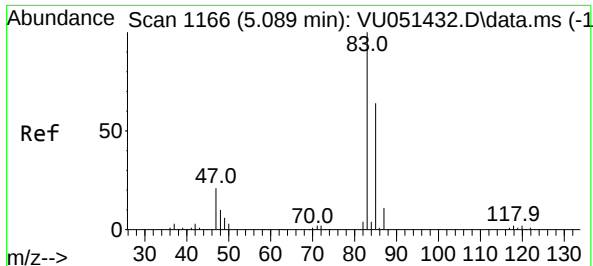
Tgt Ion: 73 Resp: 33231
Ion Ratio Lower Upper
73 100
43 20.4 14.2 21.4



#26
Bromochloromethane
Concen: 1.036 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 128 Resp: 5976
Ion Ratio Lower Upper
128 100
49 158.0 0.0 320.4
130 134.1 105.0 157.6





#27

Chloroform

Concen: 1.023 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

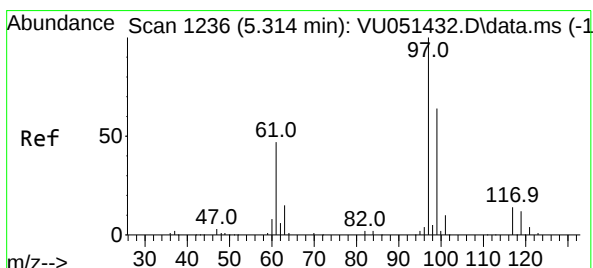
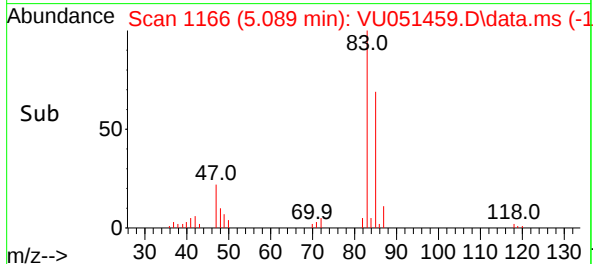
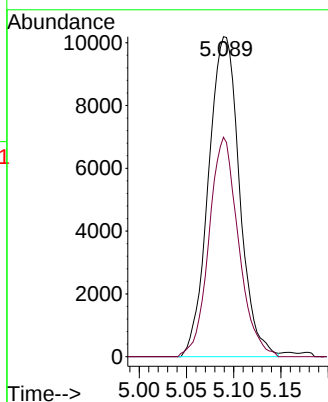
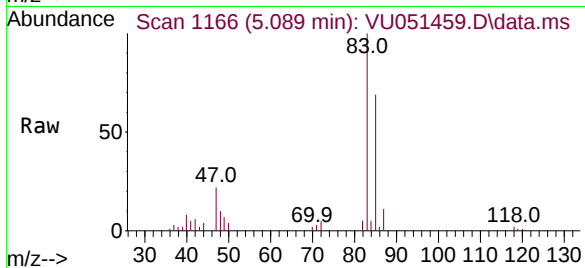
LOQ-WATER-02-QT3-2022

Tgt Ion: 83 Resp: 23310

Ion Ratio Lower Upper

83 100

85 68.6 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 0.948 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

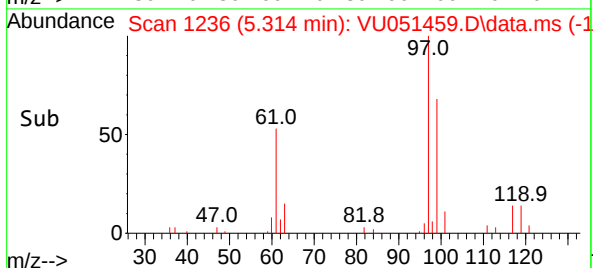
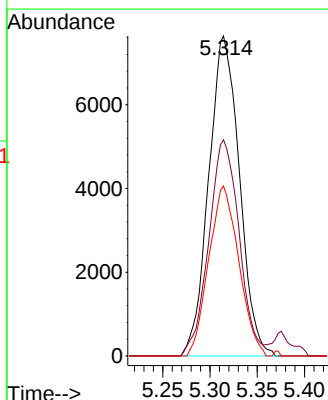
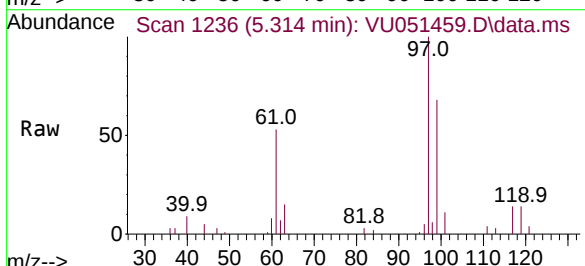
Tgt Ion: 97 Resp: 17244

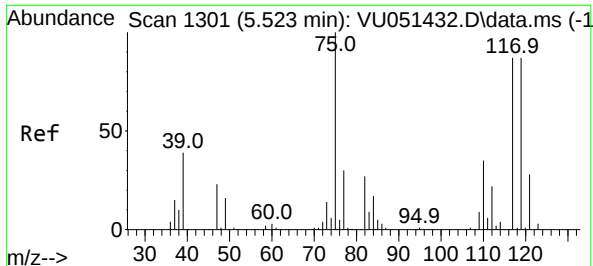
Ion Ratio Lower Upper

97 100

99 67.1 31.8 95.4

61 52.0 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.880 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

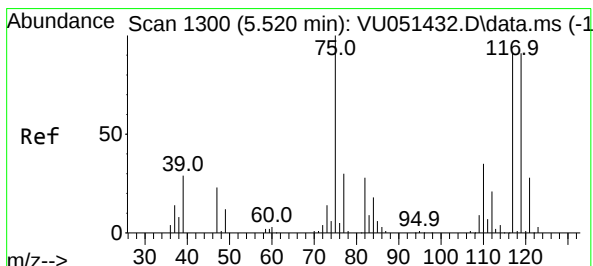
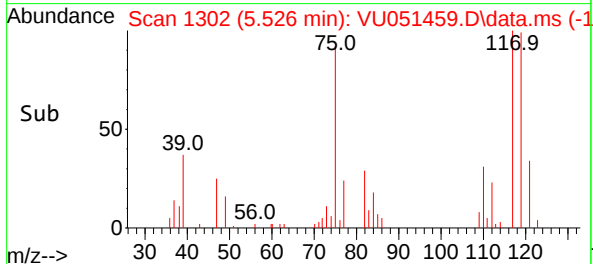
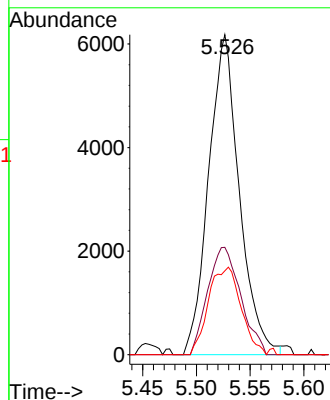
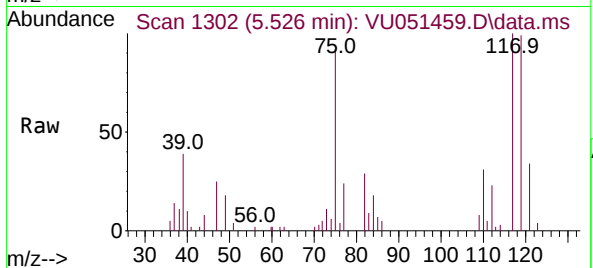
Tgt Ion: 75 Resp: 12258

Ion Ratio Lower Upper

75 100

110 36.1 17.8 53.3

77 29.0 24.2 36.4



#30

Carbon Tetrachloride

Concen: 1.010 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

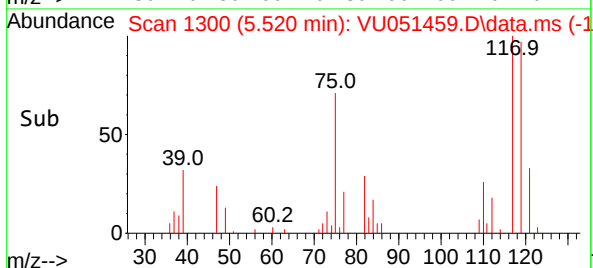
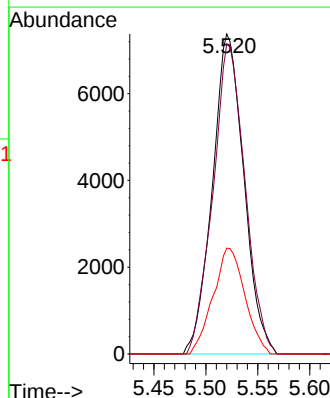
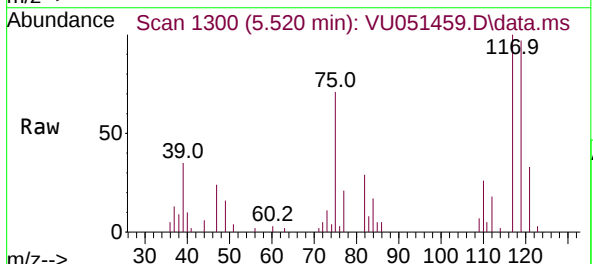
Tgt Ion: 117 Resp: 15494

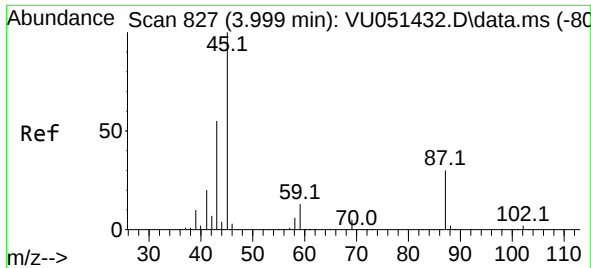
Ion Ratio Lower Upper

117 100

119 96.8 80.0 120.0

121 33.1 24.9 37.3

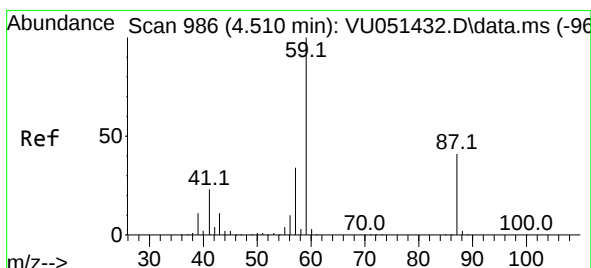
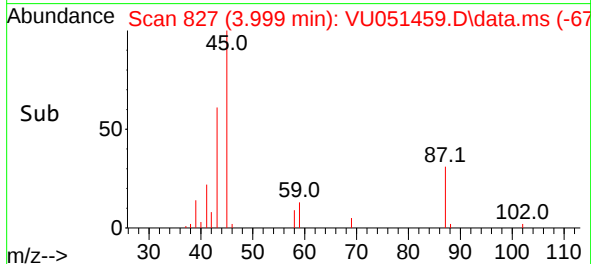
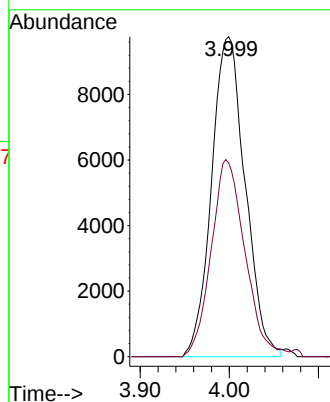
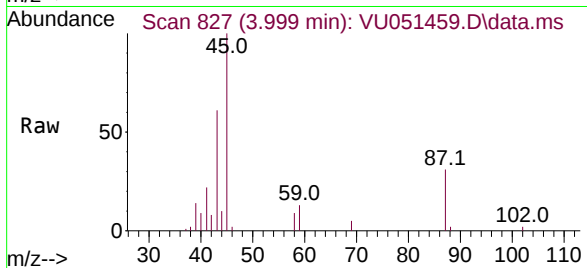




#31
Isopropyl Ether
Concen: 0.961 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

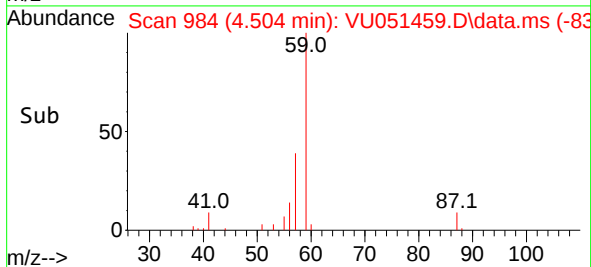
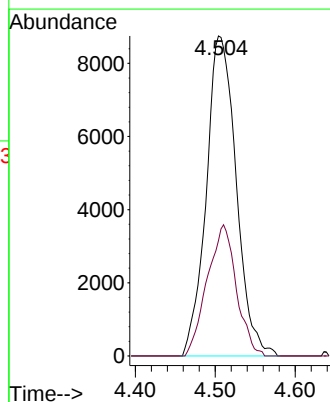
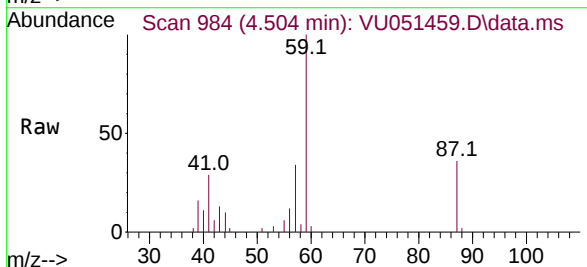
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

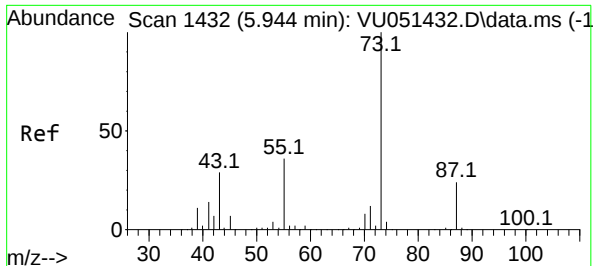
Tgt Ion: 45 Resp: 25566
Ion Ratio Lower Upper
45 100
43 62.0 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 0.937 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 59 Resp: 22771
Ion Ratio Lower Upper
59 100
87 39.9 33.8 50.8





#33

Tert-Amyl methyl ether

Concen: 0.896 ug/l

RT: 5.944 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

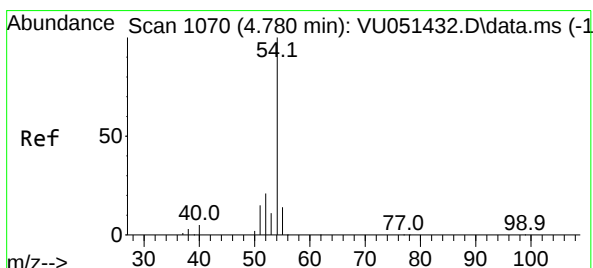
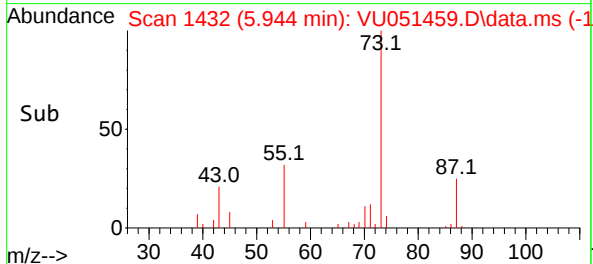
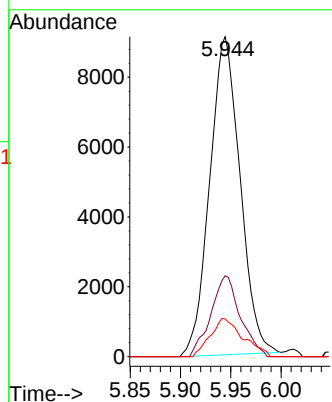
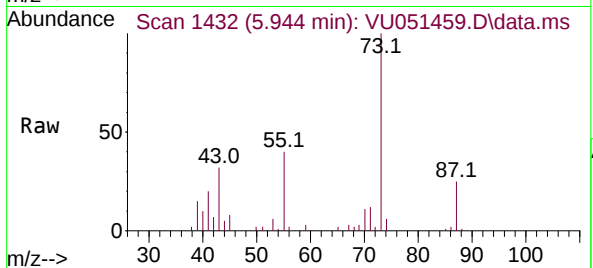
Tgt Ion: 73 Resp: 19128

Ion Ratio Lower Upper

73 100

87 24.6 18.9 28.3

71 12.9 9.4 14.2



#34

Propionitrile

Concen: 6.881 ug/l

RT: 4.784 min Scan# 1071

Delta R.T. 0.003 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Tgt Ion: 54 Resp: 6491

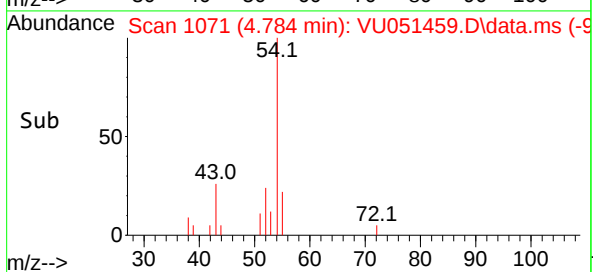
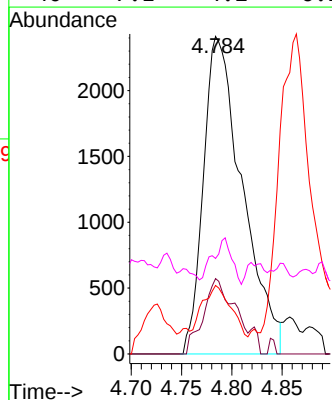
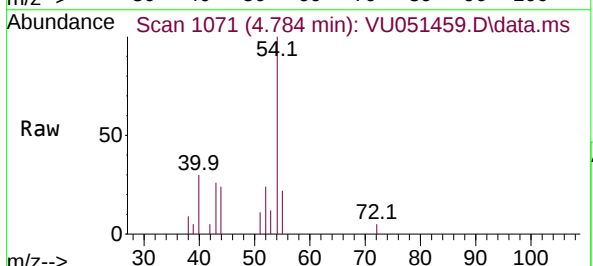
Ion Ratio Lower Upper

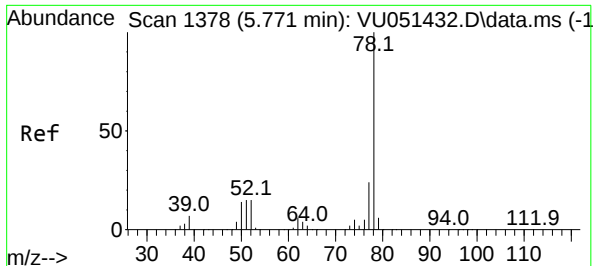
54 100

52 18.9 16.4 24.6

55 15.7 11.5 17.3

40 7.1 4.2 6.2#

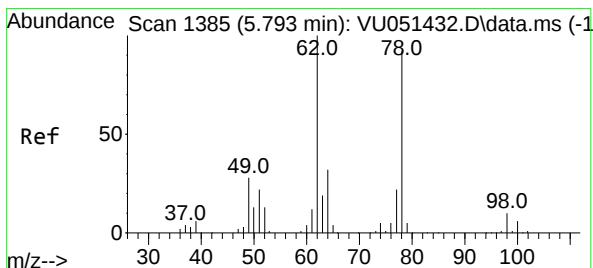
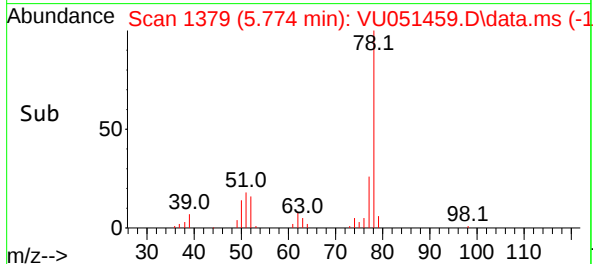
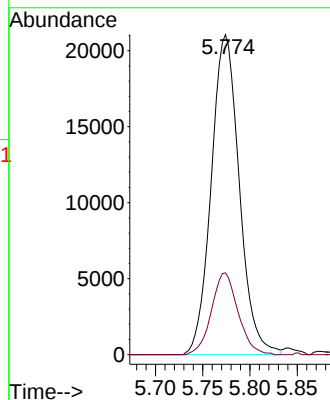
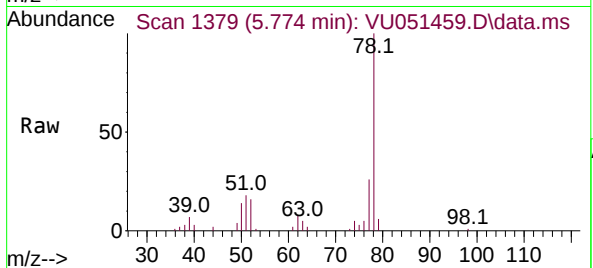




#35
Benzene
Concen: 0.931 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

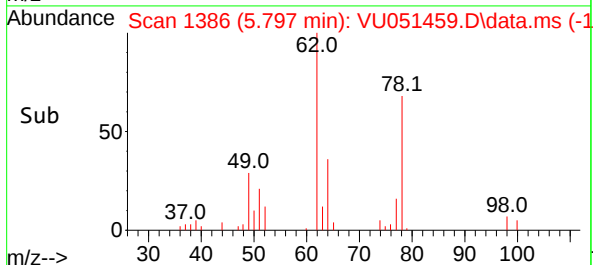
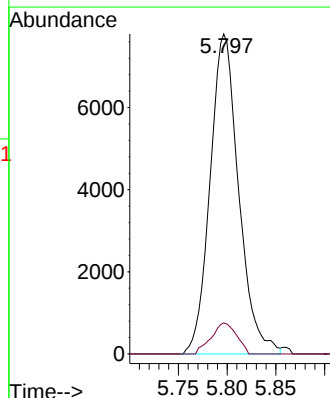
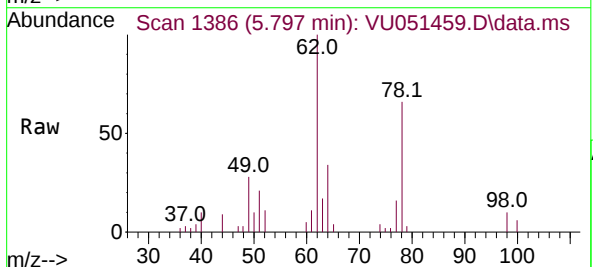
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 78 Resp: 43516
Ion Ratio Lower Upper
78 100
77 25.6 19.0 28.6



#36
1,2-Dichloroethane
Concen: 1.103 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 62 Resp: 15909
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.2





#37

Trichloroethene

Concen: 0.979 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

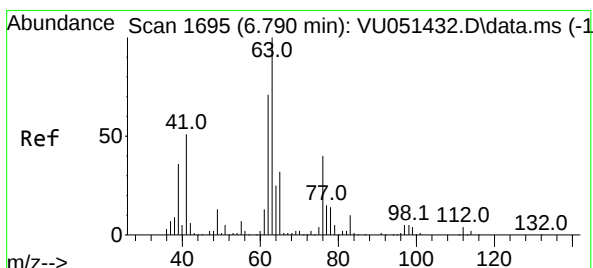
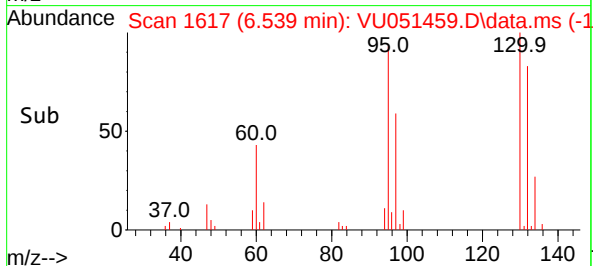
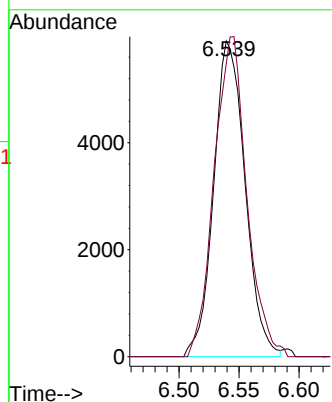
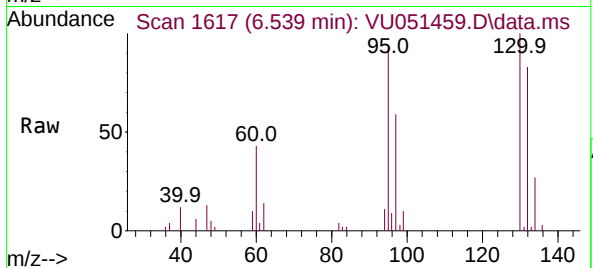
LOQ-WATER-02-QT3-2022

Tgt Ion:130 Resp: 10740

Ion Ratio Lower Upper

130 100

95 93.0 80.2 120.4



#38

1,2-Dichloropropane

Concen: 0.954 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU051459.D

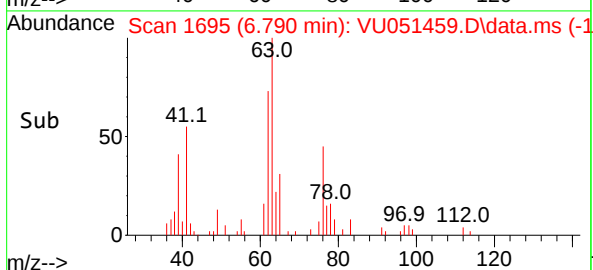
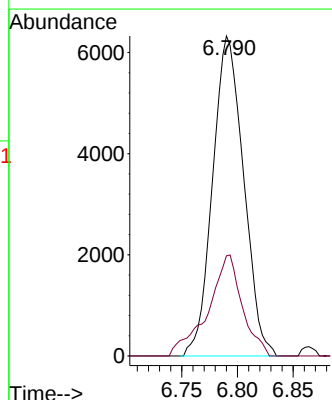
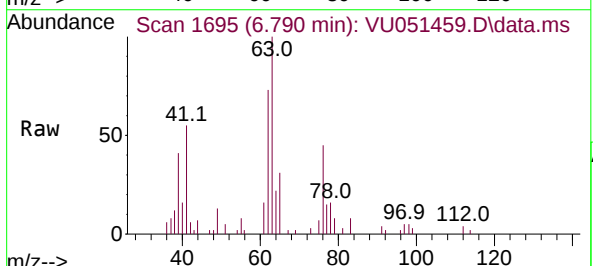
Acq: 19 Oct 2022 15:56

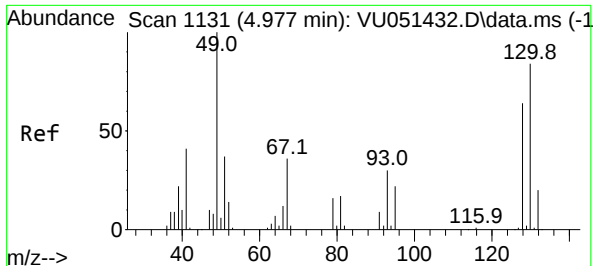
Tgt Ion: 63 Resp: 12230

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2





#39

Methacrylonitrile

Concen: 1.174 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU051459.D

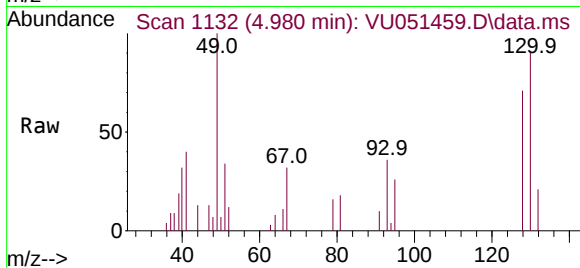
Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion: 41 Resp: 3784

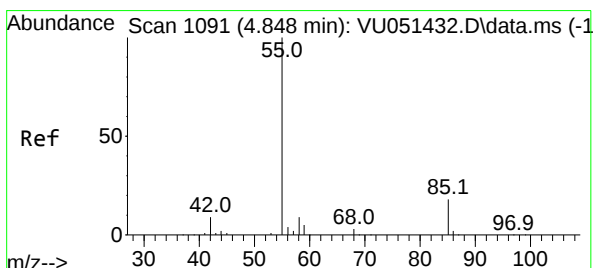
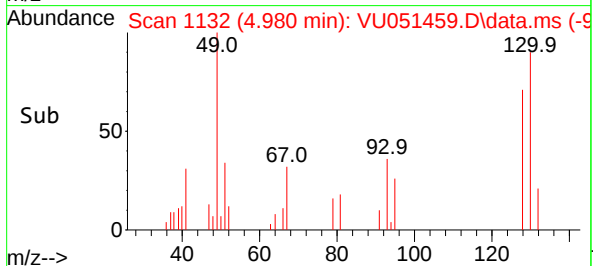
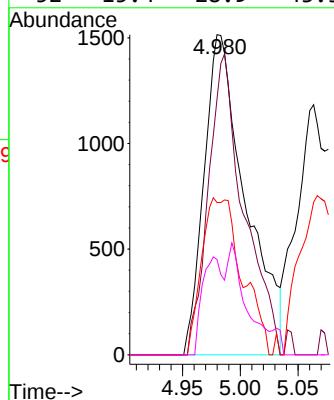
Ion Ratio Lower Upper

41 100

67 0.0 69.6 104.4#

39 47.6 42.2 63.4

52 15.4 28.9 43.3#



#40

Methyl acrylate

Concen: 1.025 ug/l

RT: 4.864 min Scan# 1096

Delta R.T. 0.016 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Tgt Ion: 55 Resp: 5270

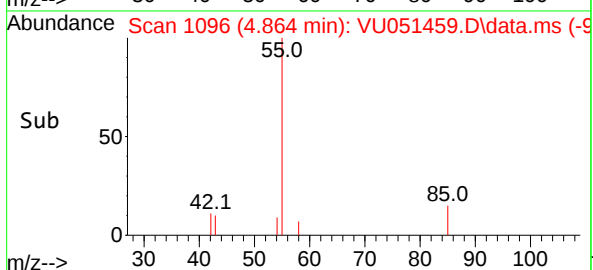
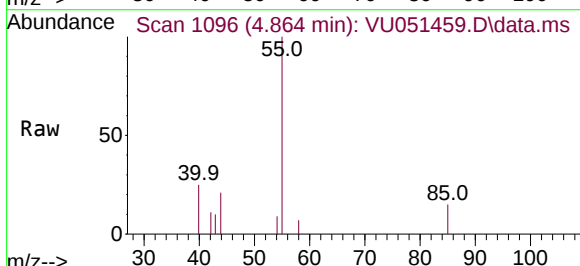
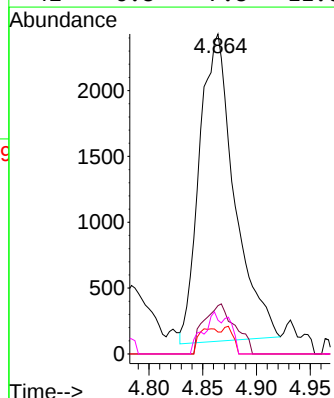
Ion Ratio Lower Upper

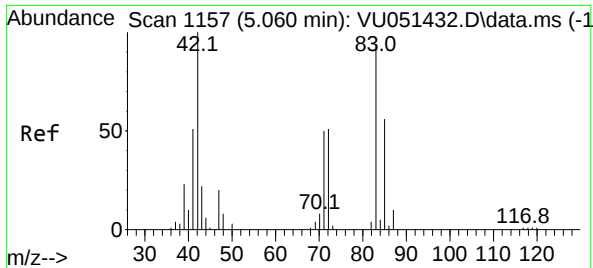
55 100

85 14.5 15.0 22.6#

58 5.1 7.5 11.3#

42 6.8 7.8 11.6#

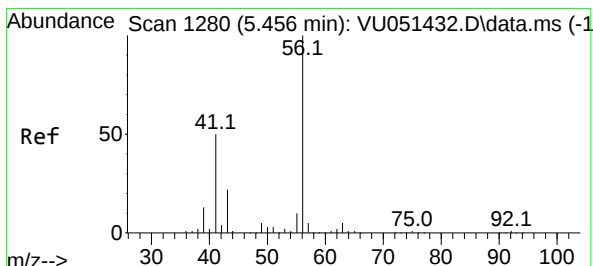
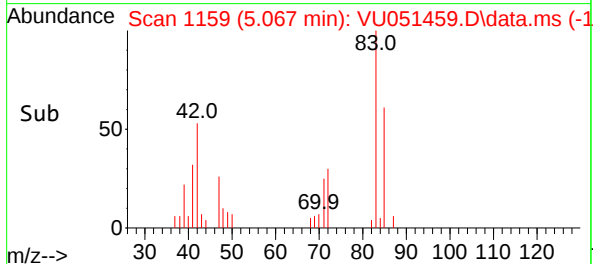
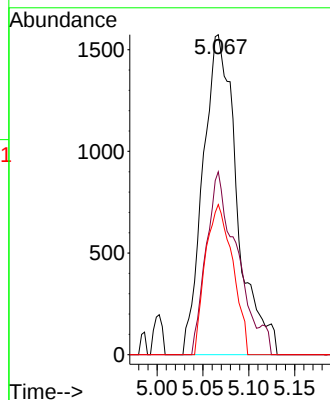
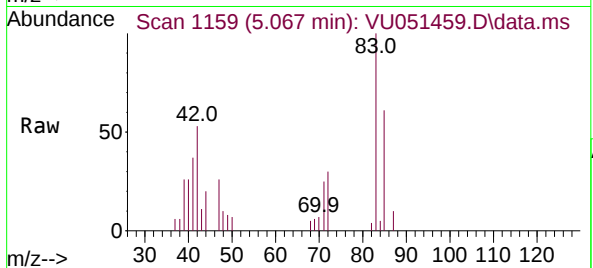




#41
Tetrahydrofuran
Concen: 2.401 ug/l
RT: 5.067 min Scan# 1157
Delta R.T. 0.006 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

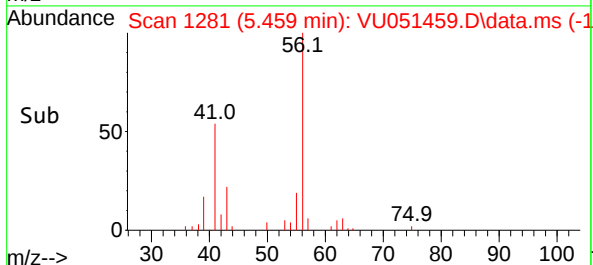
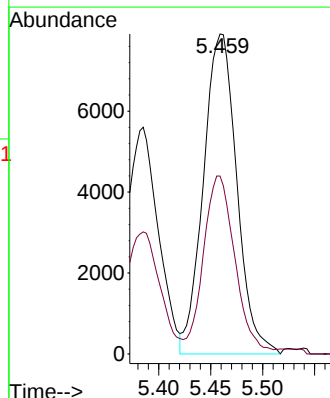
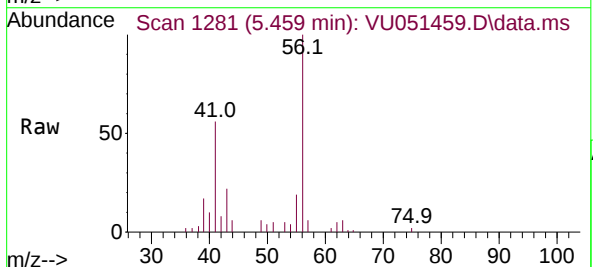
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

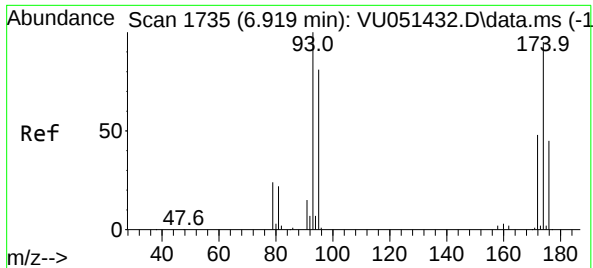
Tgt Ion:	42	Resp:	4064
Ion Ratio	Lower	Upper	
42	100		
72	50.4	42.6	64.0
71	37.5	38.3	57.5#



#42
1-Chlorobutane
Concen: 0.929 ug/l
RT: 5.459 min Scan# 1281
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion:	56	Resp:	17661
Ion Ratio	Lower	Upper	
56	100		
41	50.4	24.8	74.4

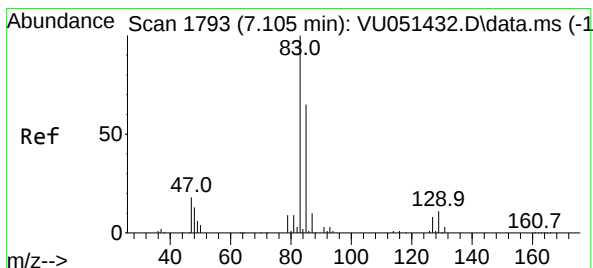
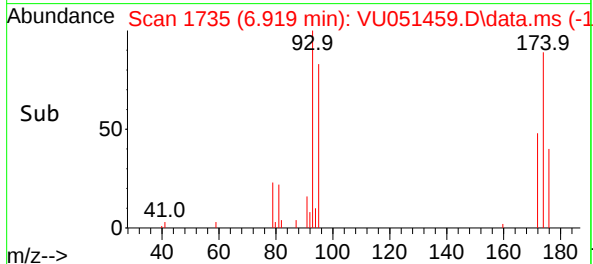
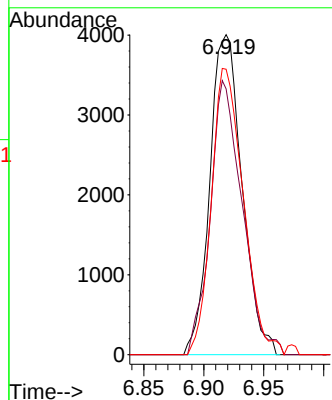
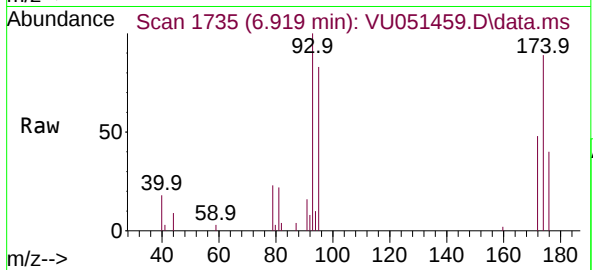




#43
Dibromomethane
Concen: 1.126 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

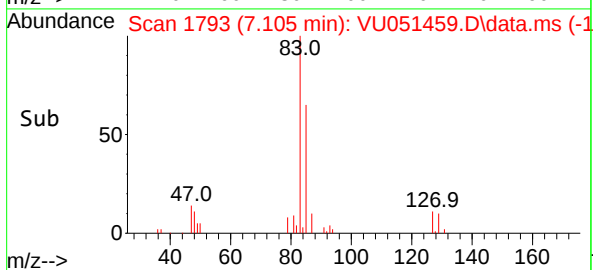
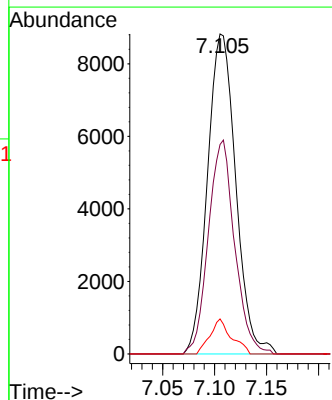
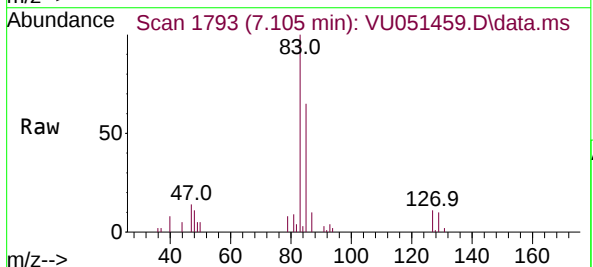
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 93	Resp:	7496	
Ion	Ratio	Lower	Upper
93	100		
95	84.6	66.7	100.1
174	88.7	75.5	113.3



#44
Bromodichloromethane
Concen: 1.037 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 83	Resp:	16702	
Ion Ratio	Lower	Upper	
83 100			
85 65.4	52.1	78.1	
127 11.0	6.8	10.2	#





#45

4-Methyl-2-Pentanone

Concen: 4.945 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

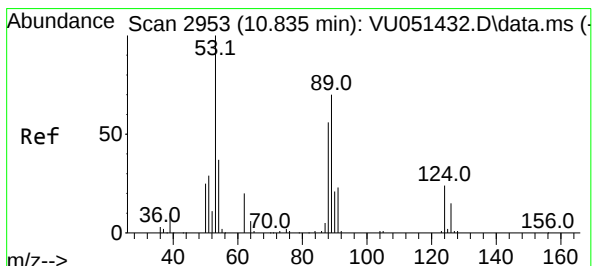
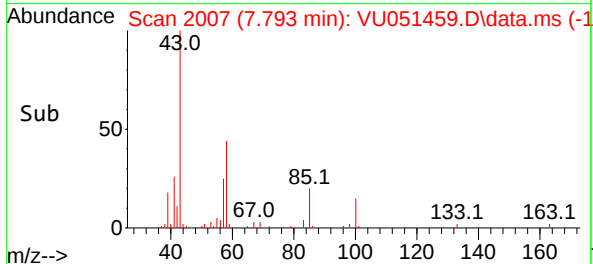
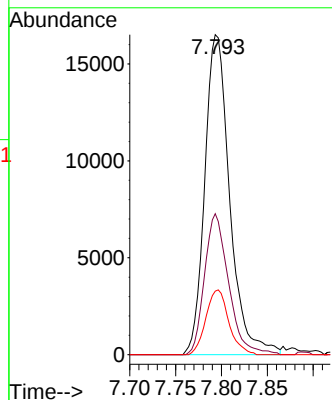
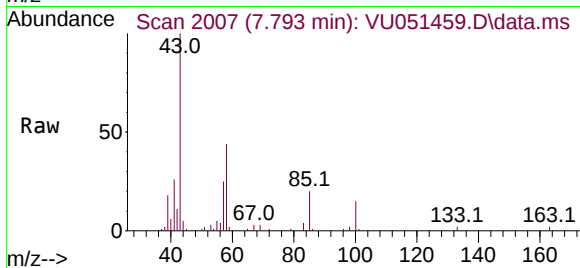
Tgt Ion: 43 Resp: 31326

Ion Ratio Lower Upper

43 100

58 42.4 21.4 64.3

85 18.6 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 4.696 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Tgt Ion: 75 Resp: 16606

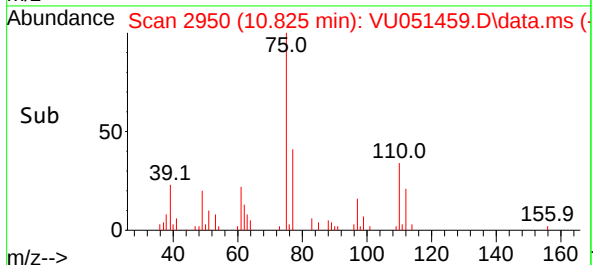
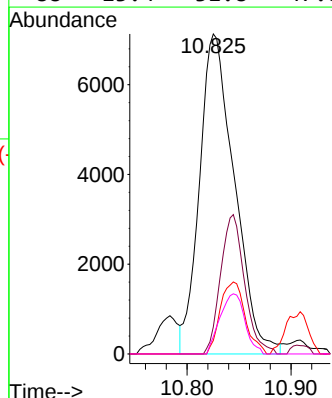
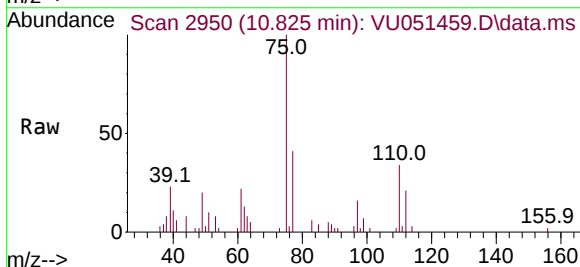
Ion Ratio Lower Upper

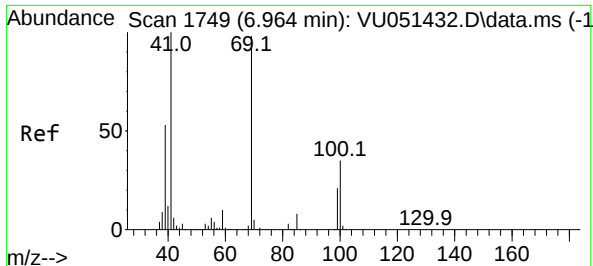
75 100

53 30.0 61.1 91.7#

89 16.2 41.0 61.6#

88 13.4 31.8 47.8#





#47

Methyl methacrylate

Concen: 1.746 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU051459.D

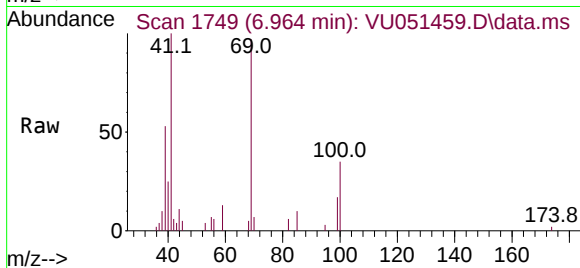
Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion: 69 Resp: 8886

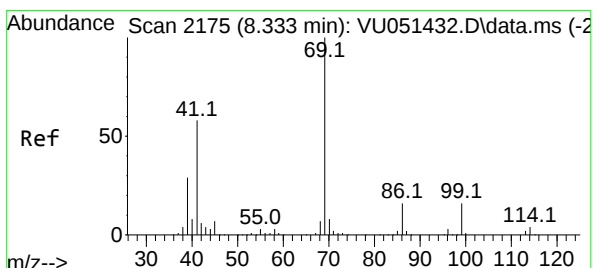
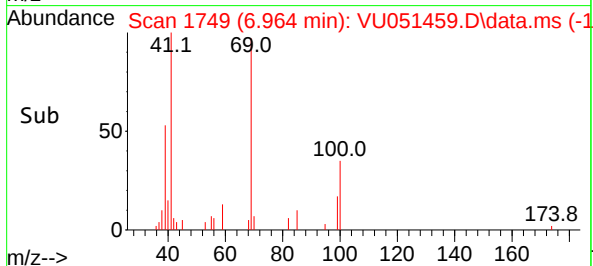
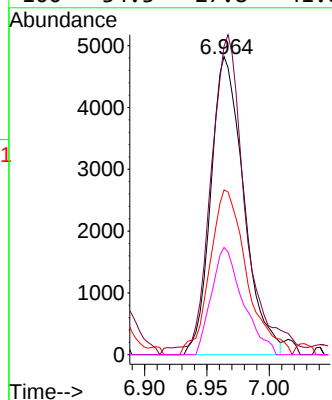
Ion Ratio Lower Upper

69 100

41 112.3 0.0 200.8

39 61.8 44.1 66.1

100 34.3 27.8 41.8



#48

Ethyl methacrylate

Concen: 0.933 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.004 min

Lab File: VU051459.D

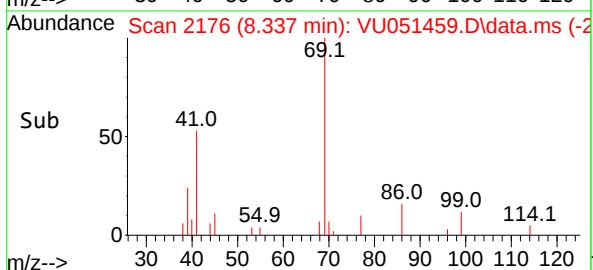
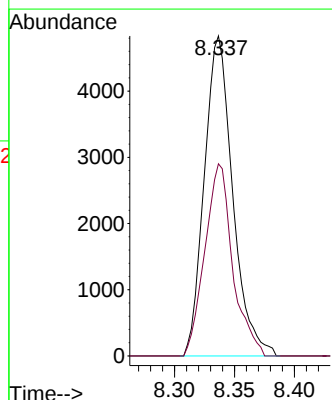
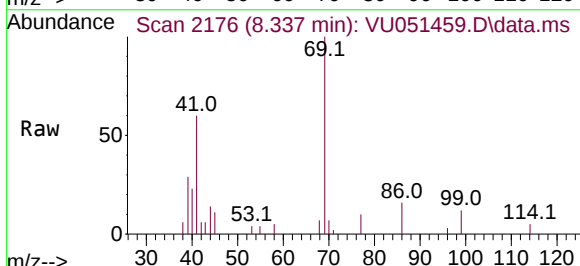
Acq: 19 Oct 2022 15:56

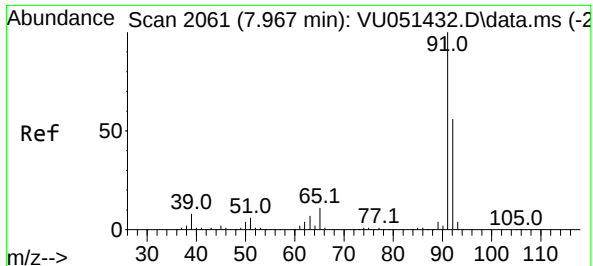
Tgt Ion: 69 Resp: 7955

Ion Ratio Lower Upper

69 100

41 58.8 28.8 86.5





#49

Toluene

Concen: 0.793 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

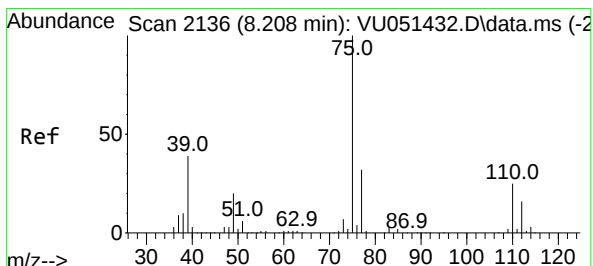
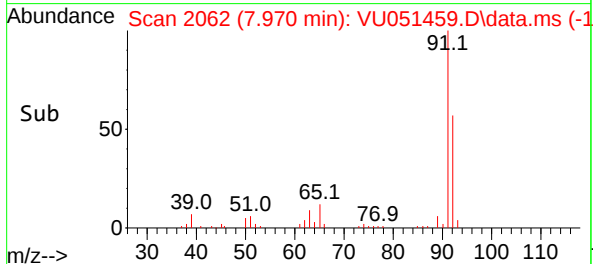
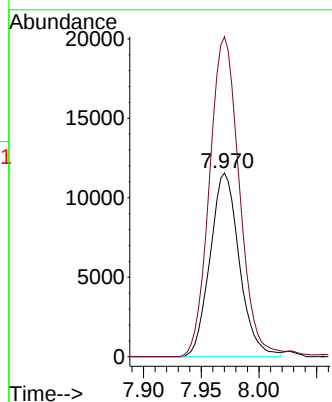
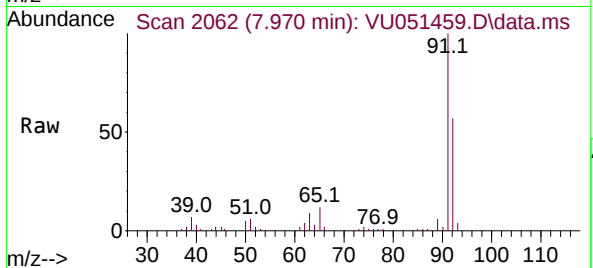
LOQ-WATER-02-QT3-2022

Tgt Ion: 92 Resp: 20332

Ion Ratio Lower Upper

92 100

91 179.7 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.954 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051459.D

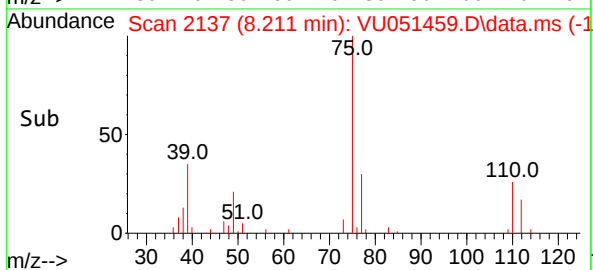
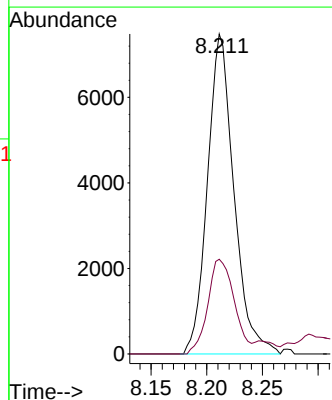
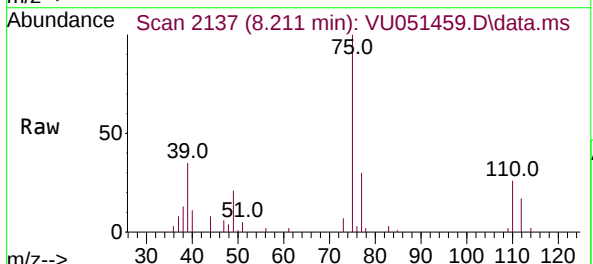
Acq: 19 Oct 2022 15:56

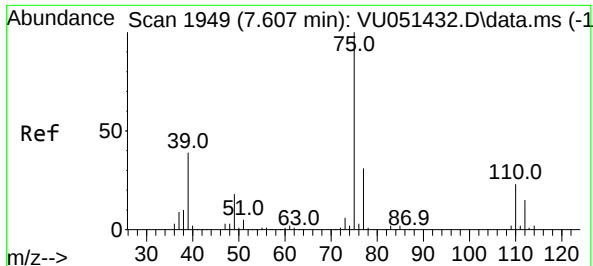
Tgt Ion: 75 Resp: 12362

Ion Ratio Lower Upper

75 100

77 29.6 25.8 38.6





#51

cis-1,3-Dichloropropene

Concen: 0.871 ug/l

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

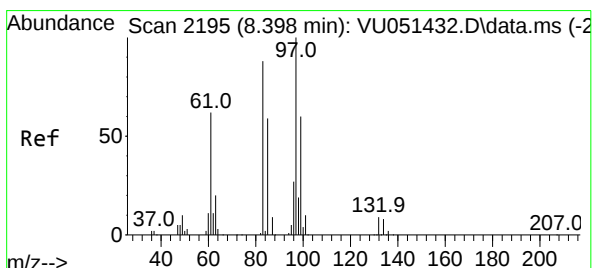
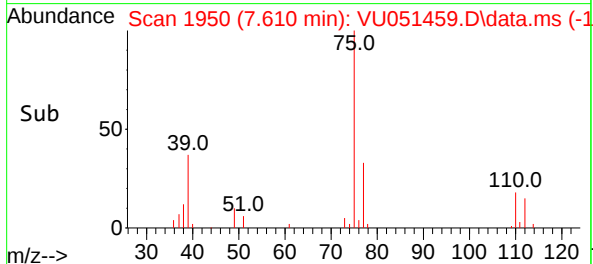
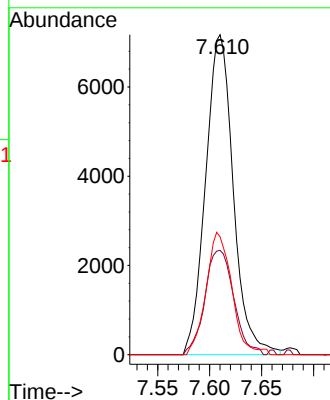
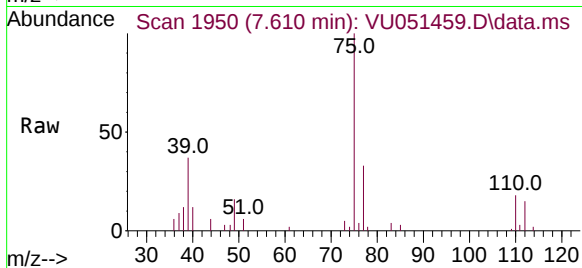
Tgt Ion: 75 Resp: 13299

Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7

39 36.9 31.4 47.0



#52

1,1,2-Trichloroethane

Concen: 1.107 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Tgt Ion: 97 Resp: 10522

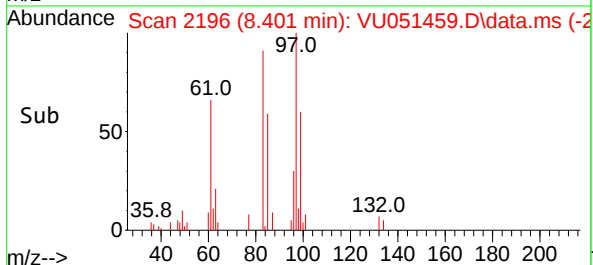
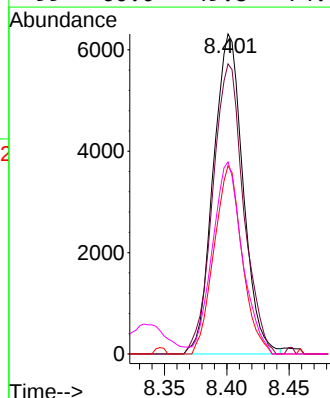
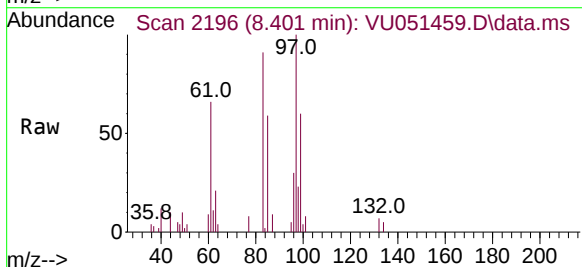
Ion Ratio Lower Upper

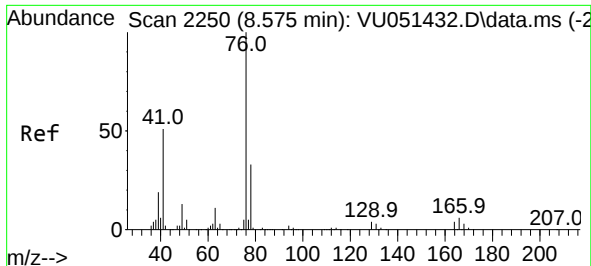
97 100

83 90.7 70.6 105.8

85 58.8 47.0 70.4

99 60.0 49.8 74.8





#53

1,3-Dichloropropane

Concen: 1.012 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

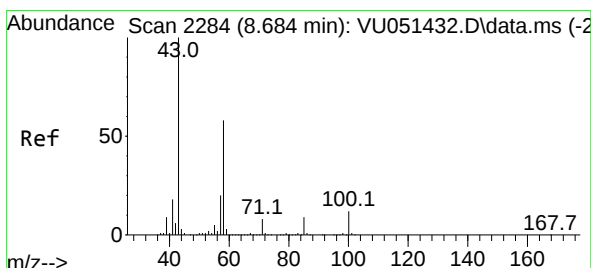
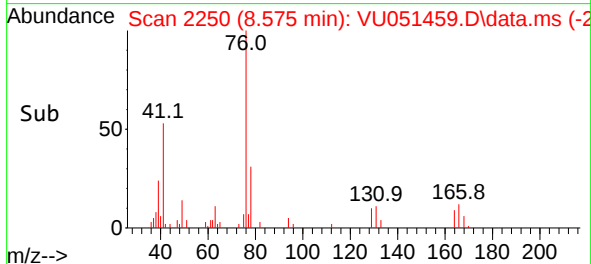
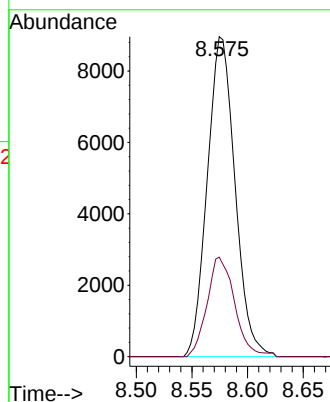
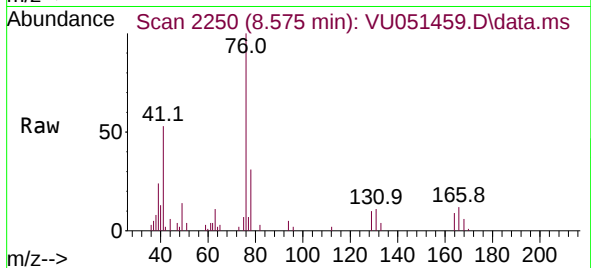
LOQ-WATER-02-QT3-2022

Tgt Ion: 76 Resp: 15504

Ion Ratio Lower Upper

76 100

78 30.9 26.4 39.6



#54

2-Hexanone

Concen: 5.153 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

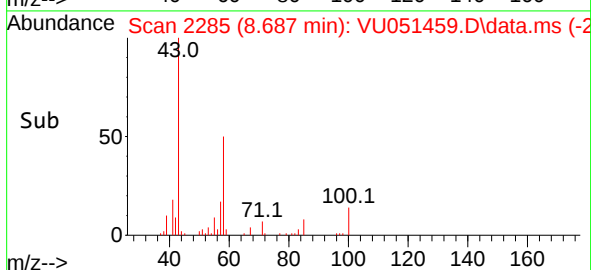
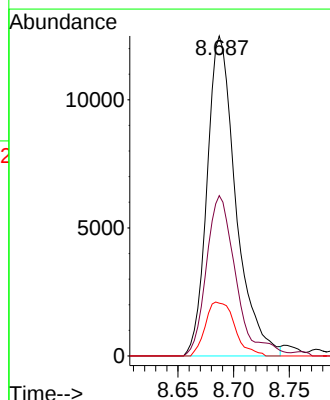
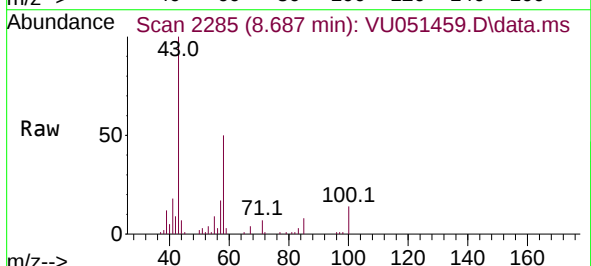
Tgt Ion: 43 Resp: 22450

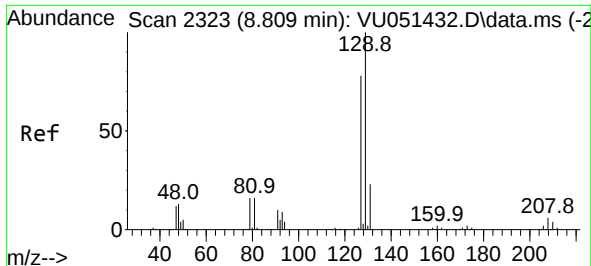
Ion Ratio Lower Upper

43 100

58 51.4 38.0 78.0

57 17.2 0.0 39.9

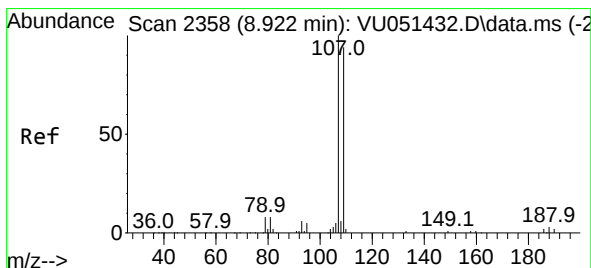
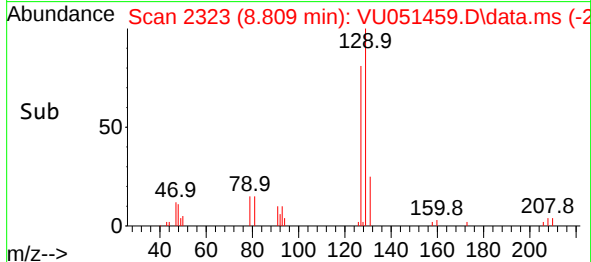
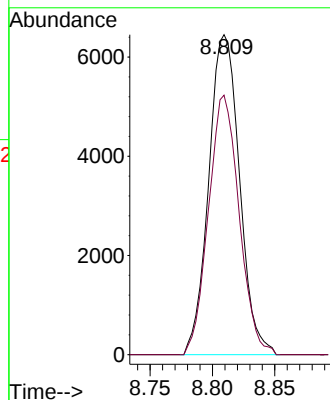
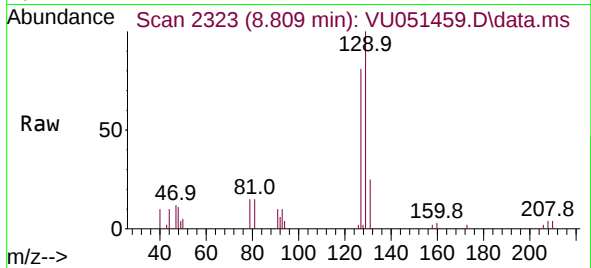




#55
Dibromochloromethane
Concen: 1.075 ug/l
RT: 8.809 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

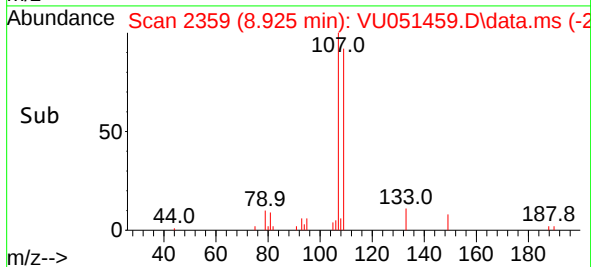
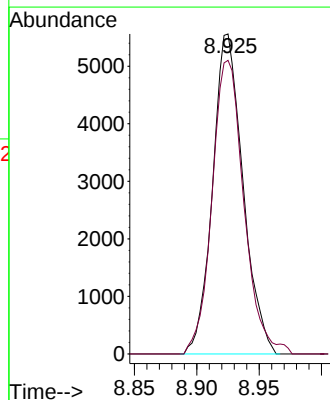
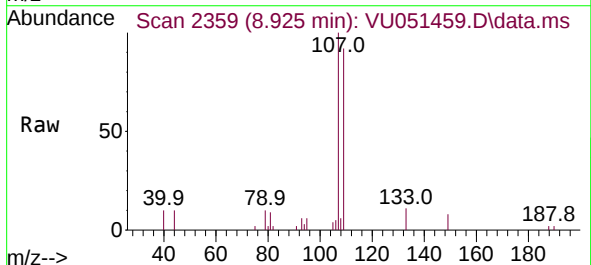
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

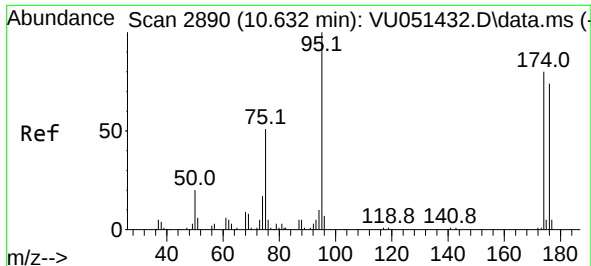
Tgt Ion:129 Resp: 11112
Ion Ratio Lower Upper
129 100
127 80.7 62.1 93.1



#56
1,2-Dibromoethane
Concen: 1.129 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion:107 Resp: 9435
Ion Ratio Lower Upper
107 100
109 96.2 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 0.794 ug/l

RT: 10.632 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

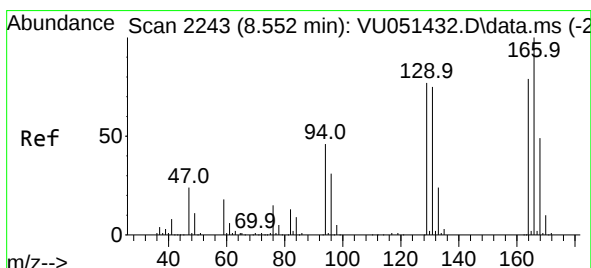
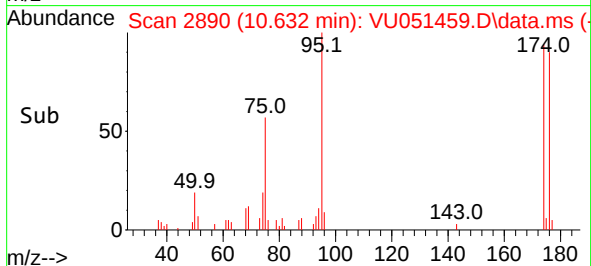
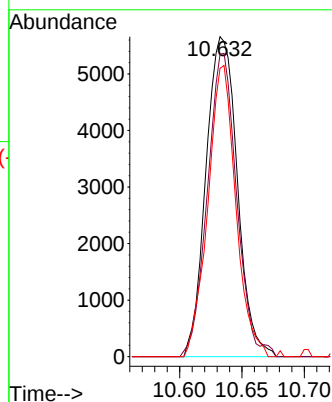
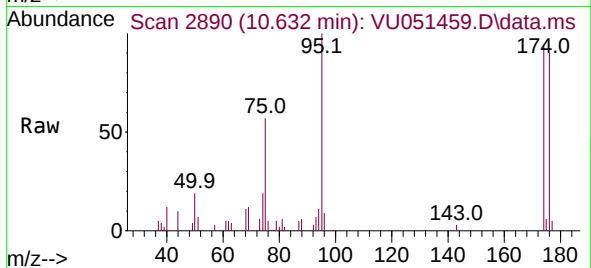
Tgt Ion: 95 Resp: 9908

Ion Ratio Lower Upper

95 100

174 88.5 63.0 94.6

176 81.1 59.8 89.6



#58

Tetrachloroethene

Concen: 0.952 ug/l

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Tgt Ion: 164 Resp: 9100

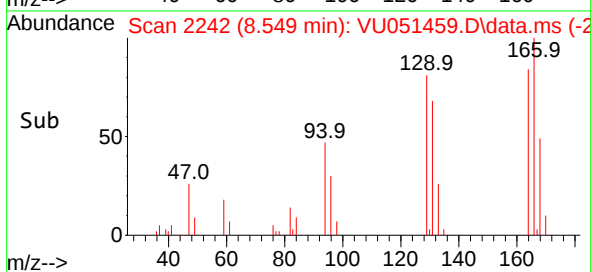
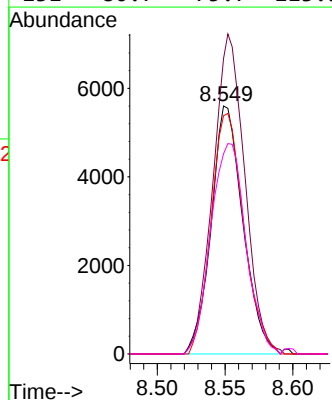
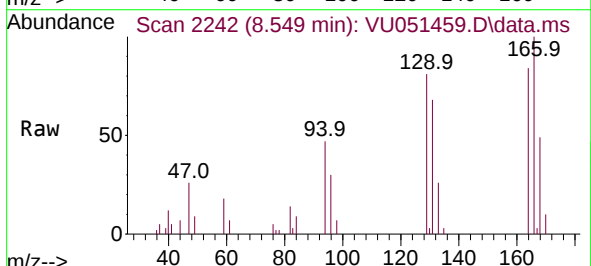
Ion Ratio Lower Upper

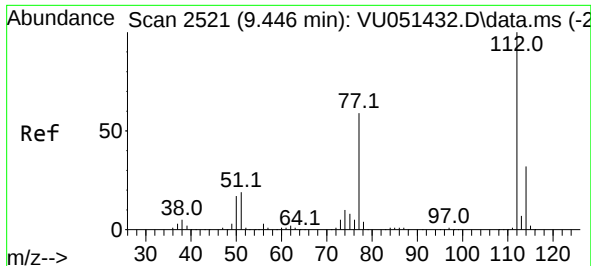
164 100

166 119.2 100.9 151.3

129 96.1 77.5 116.3

131 80.7 75.7 113.5





#59

Chlorobenzene

Concen: 0.877 ug/l

RT: 9.446 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

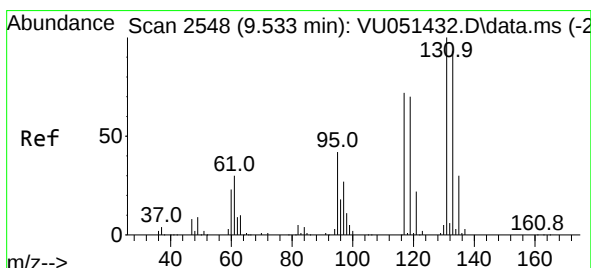
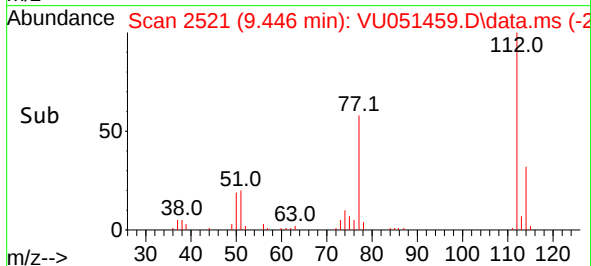
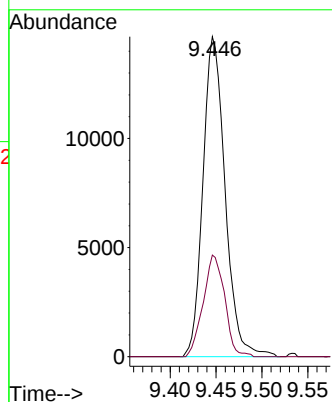
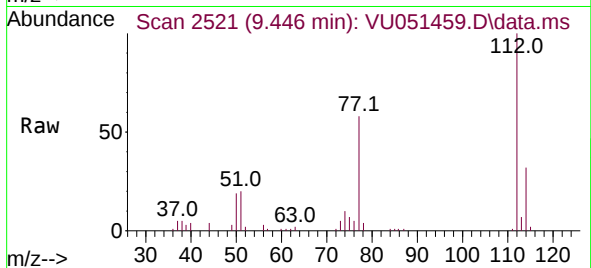
LOQ-WATER-02-QT3-2022

Tgt Ion:112 Resp: 24669

Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.970 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

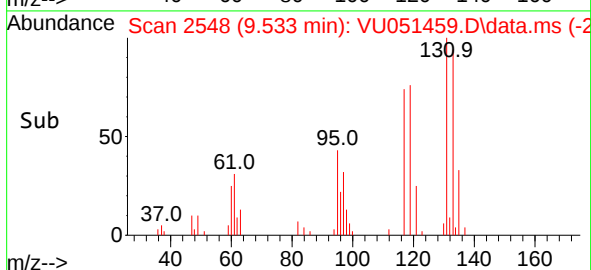
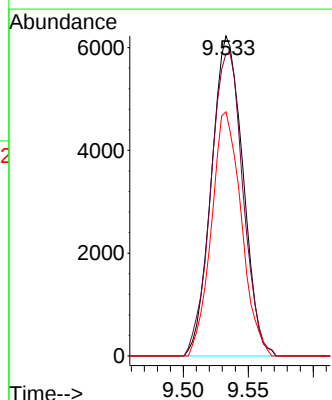
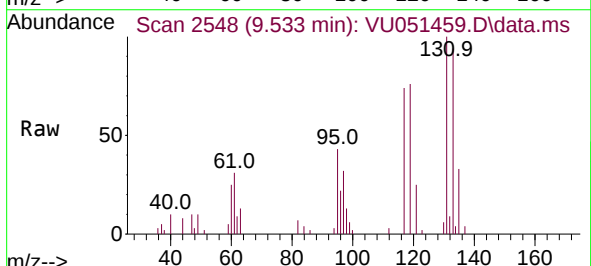
Tgt Ion:131 Resp: 10462

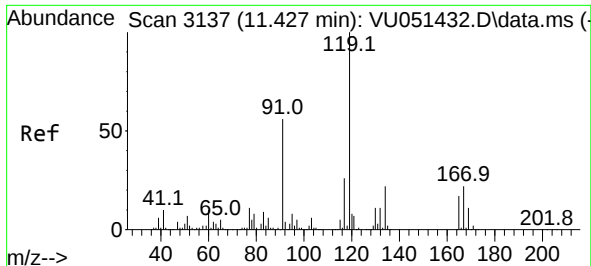
Ion Ratio Lower Upper

131 100

133 97.2 76.5 114.7

119 72.6 56.5 84.7

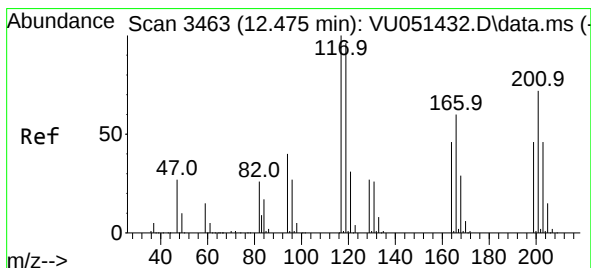
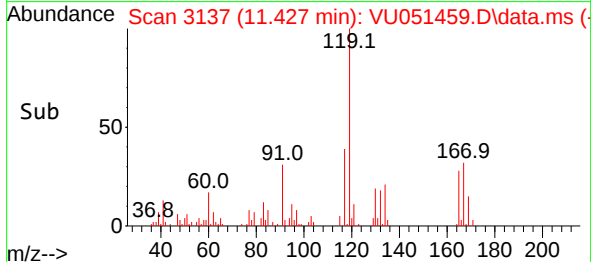
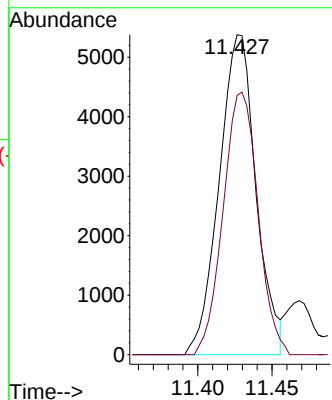
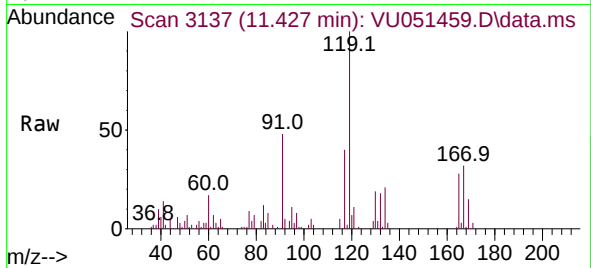




#61
 Pentachloroethane
 Concen: 0.966 ug/l
 RT: 11.427 min Scan# 3137
 Delta R.T. -0.000 min
 Lab File: VU051459.D
 Acq: 19 Oct 2022 15:56

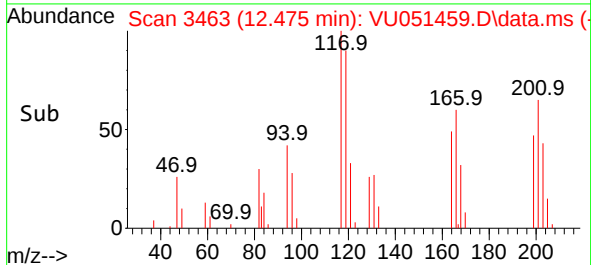
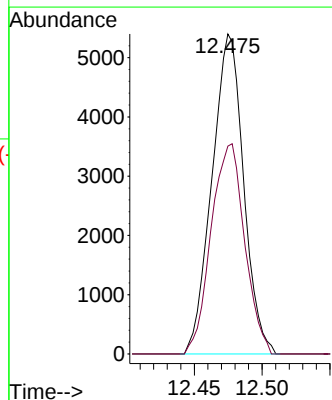
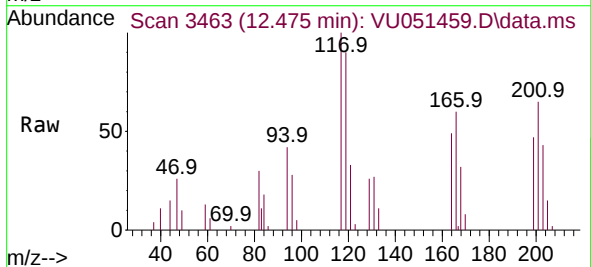
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

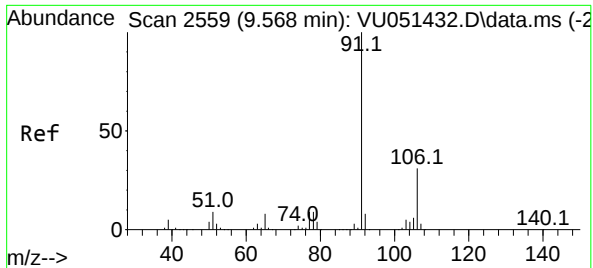
Tgt Ion:117 Resp: 9281
 Ion Ratio Lower Upper
 117 100
 167 77.7 63.3 94.9



#62
 Hexachloroethane
 Concen: 0.960 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU051459.D
 Acq: 19 Oct 2022 15:56

Tgt Ion:117 Resp: 8757
 Ion Ratio Lower Upper
 117 100
 201 69.5 57.4 86.2

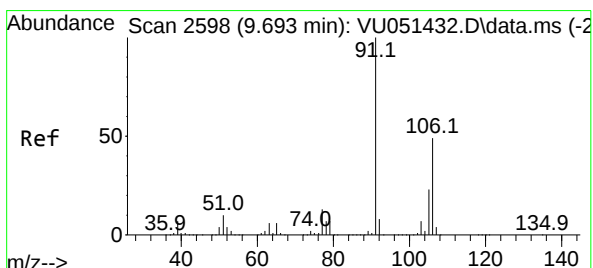
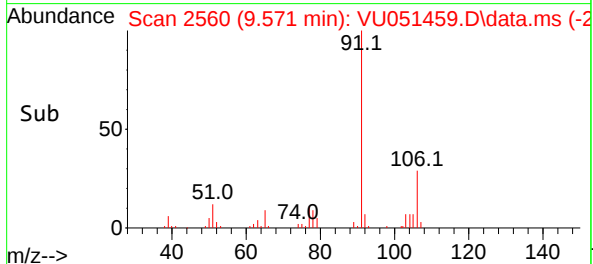
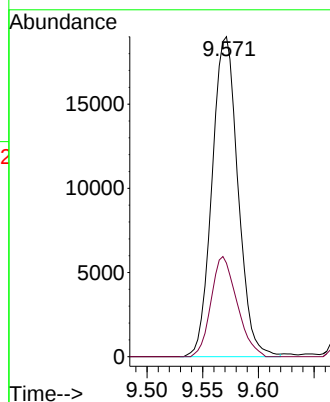
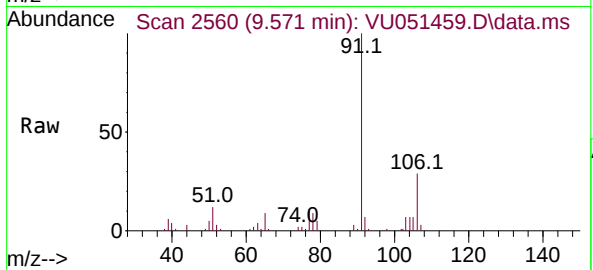




#63
Ethyl Benzene
Concen: 0.721 ug/l
RT: 9.571 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

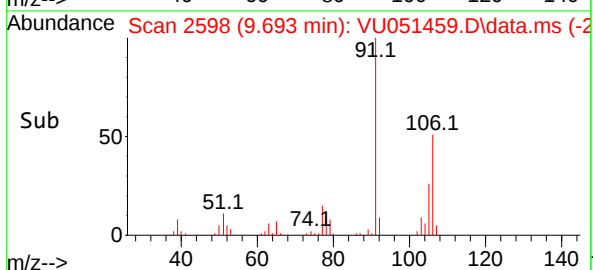
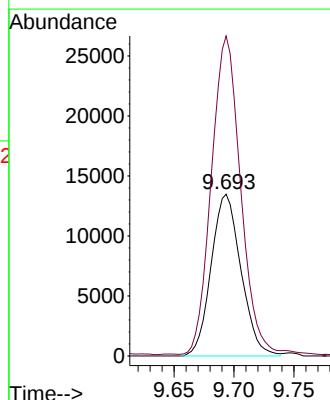
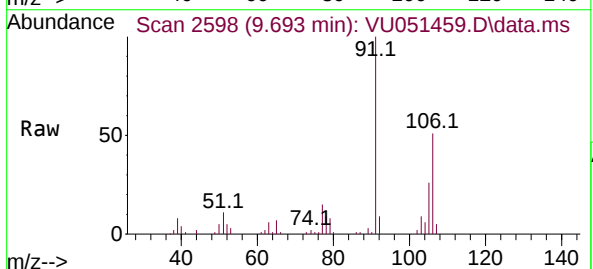
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

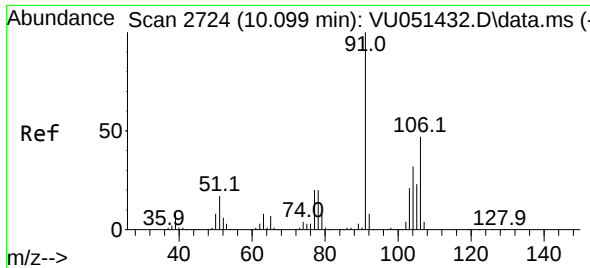
Tgt Ion: 91 Resp: 30778
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3



#64
m/p-Xylenes
Concen: 1.369 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 106 Resp: 23277
Ion Ratio Lower Upper
106 100
91 193.6 163.2 244.8

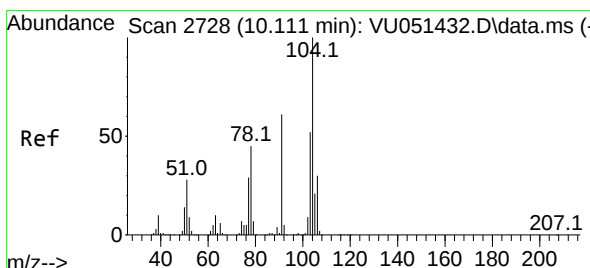
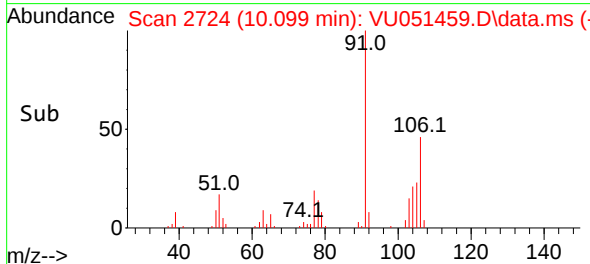
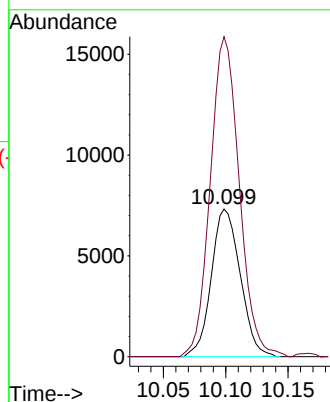
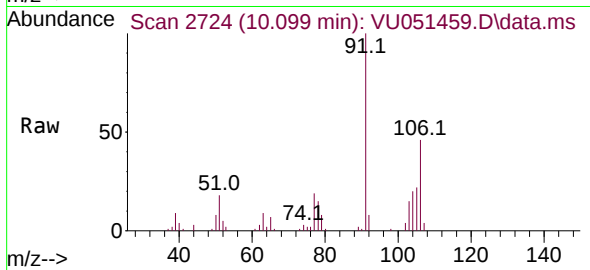




#65
o-Xylene
Concen: 0.716 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

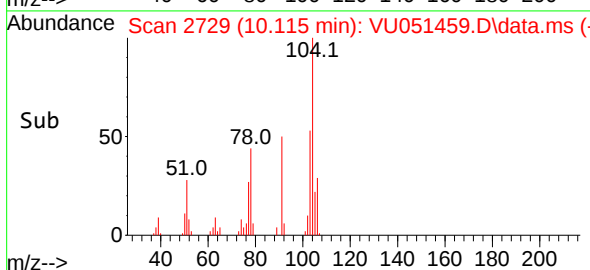
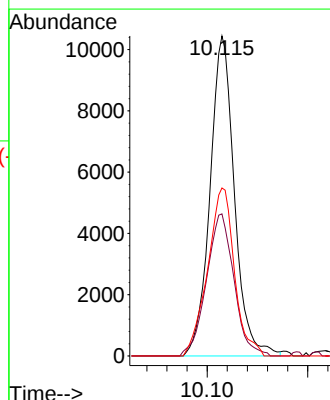
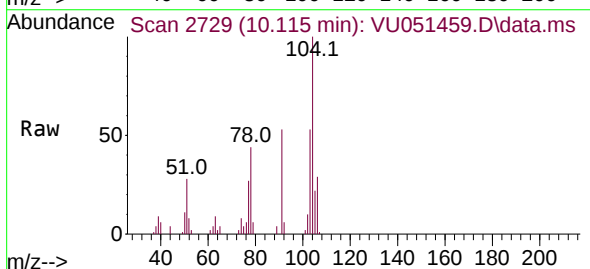
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

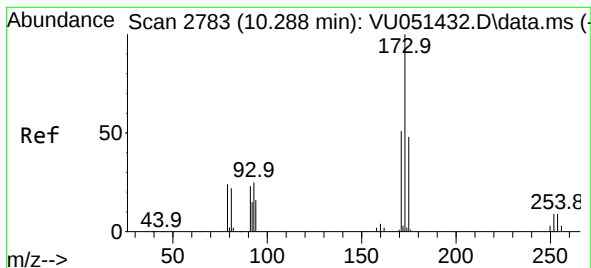
Tgt Ion:106 Resp: 11840
Ion Ratio Lower Upper
106 100
91 217.2 107.1 321.3



#66
Styrene
Concen: 0.642 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion:104 Resp: 17607
Ion Ratio Lower Upper
104 100
78 49.9 39.7 59.5
103 57.5 44.4 66.6





#67

Bromoform

Concen: 1.170 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

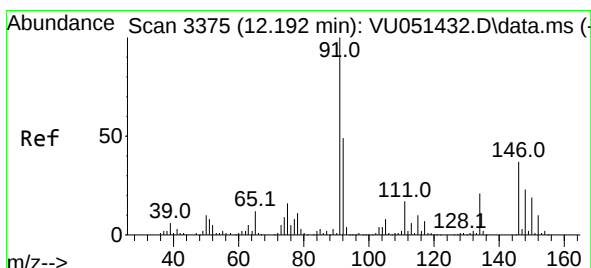
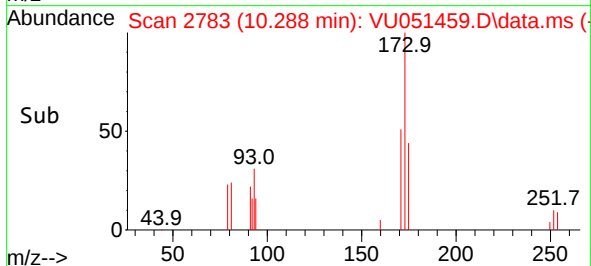
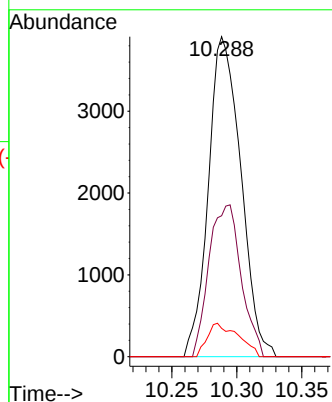
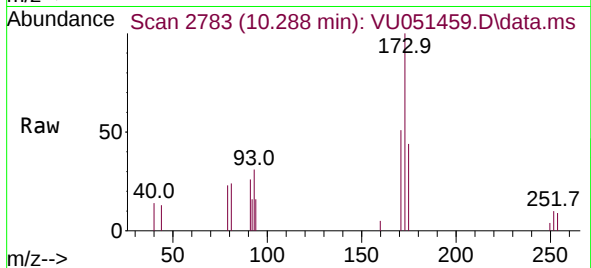
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:173	Resp:	6786
Ion Ratio	Lower	Upper
173	100	
175	47.0	38.6 58.0
254	10.0	7.3 10.9



#68

1,2-Dichlorobenzene-d4

Concen: 0.924 ug/l

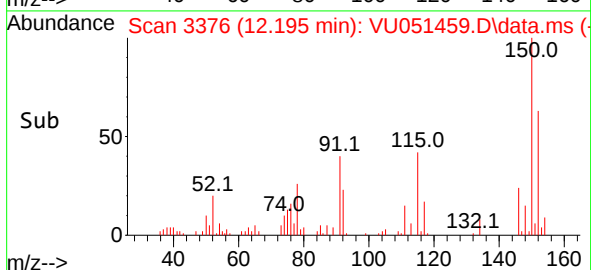
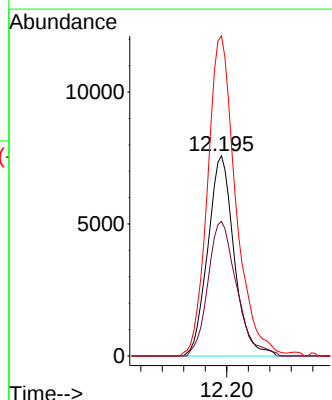
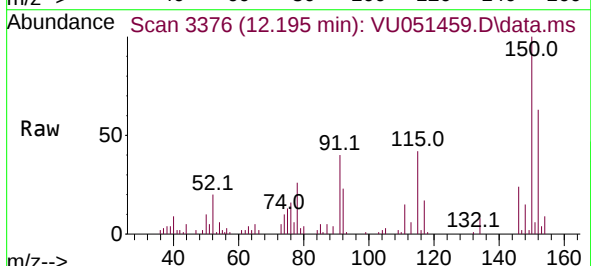
RT: 12.195 min Scan# 3376

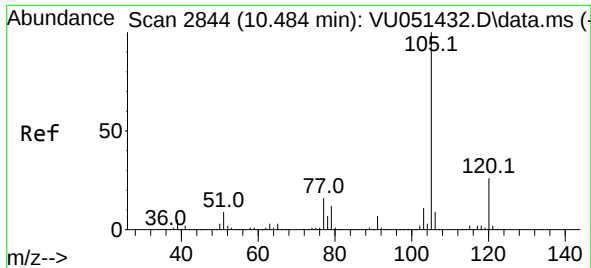
Delta R.T. 0.003 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Tgt Ion:152	Resp:	12873
Ion Ratio	Lower	Upper
152	100	
115	73.1	0.0 333.0
150	171.9	0.0 662.0

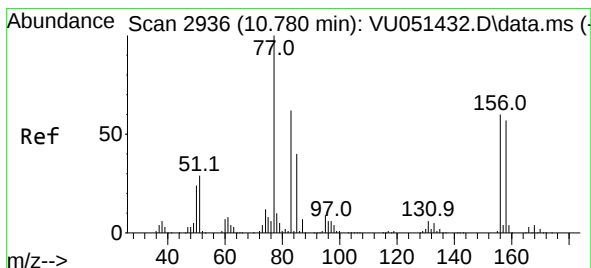
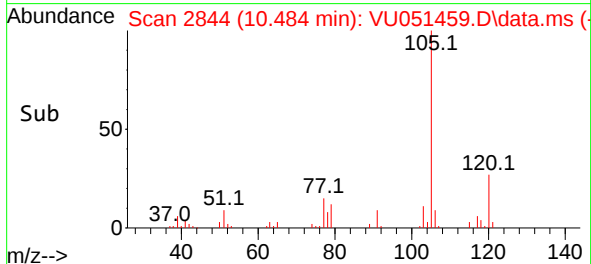
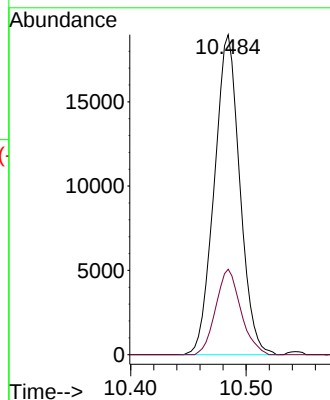
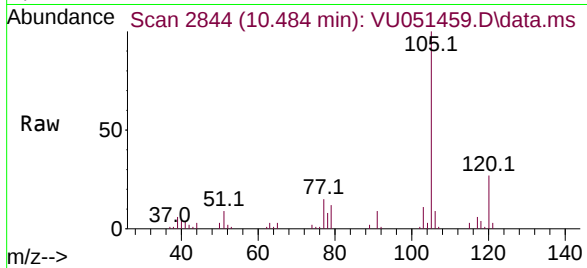




#69
Isopropylbenzene
Concen: 0.715 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

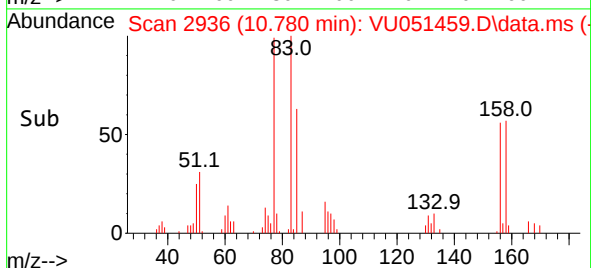
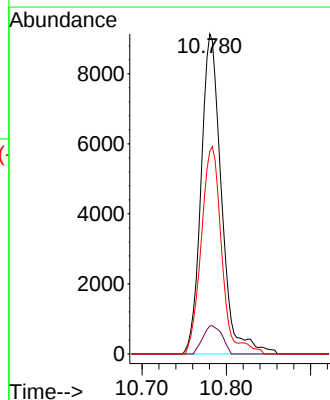
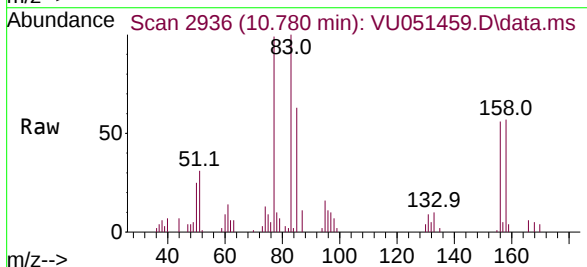
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

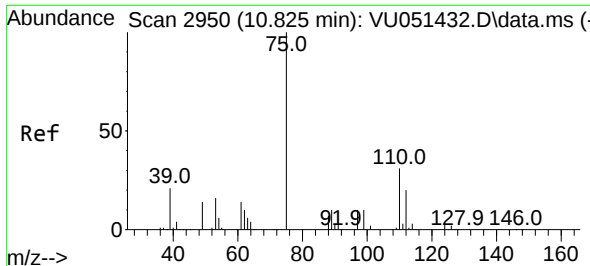
Tgt Ion:105 Resp: 29111
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 1.199 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 83 Resp: 15408
Ion Ratio Lower Upper
83 100
131 8.3 7.2 10.8
85 64.9 51.4 77.2

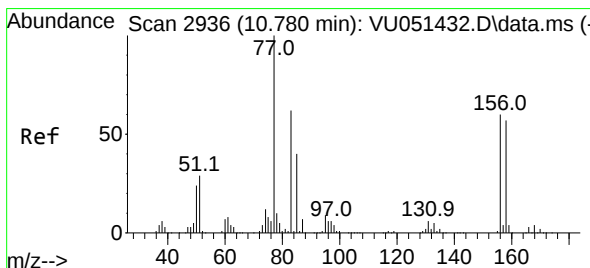
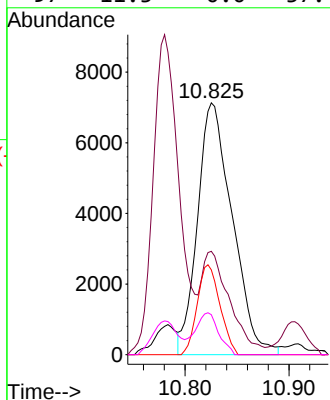
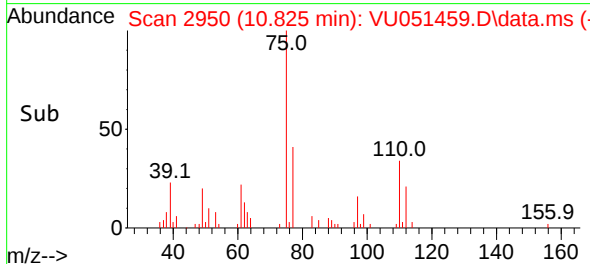
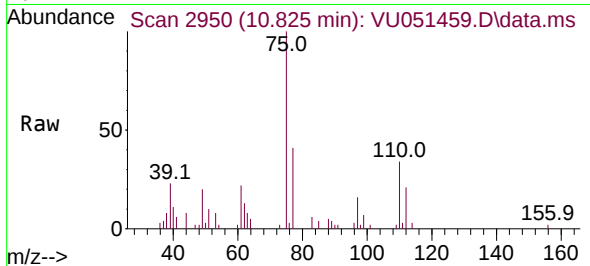




#71
1,2,3-Trichloropropane
Concen: 1.739 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

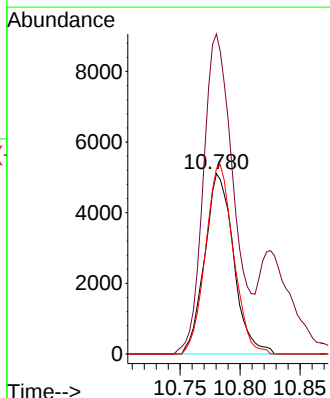
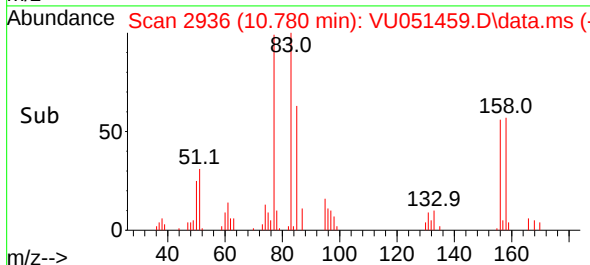
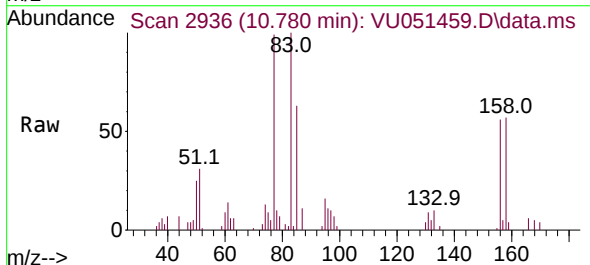
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

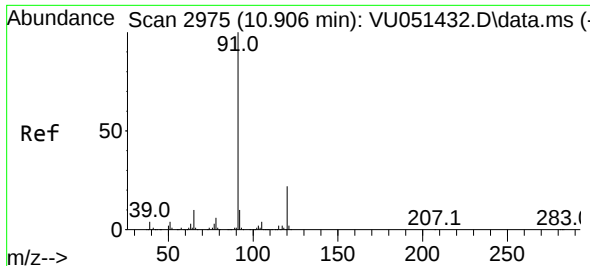
Tgt Ion:	75	Resp:	16606
Ion	Ratio	Lower	Upper
75	100		
77	32.8	0.0	111.0
110	23.2	0.0	70.2
97	11.3	0.0	37.4



#72
Bromobenzene
Concen: 0.765 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion:	156	Resp:	8563
Ion	Ratio	Lower	Upper
156	100		
77	186.5	0.0	343.4
158	101.4	0.0	195.6

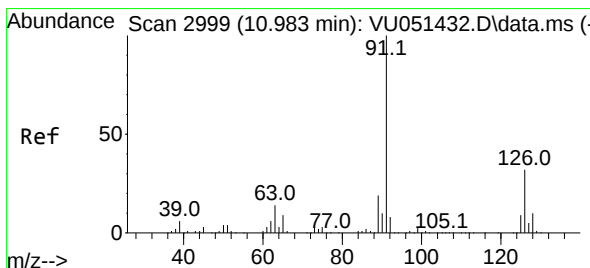
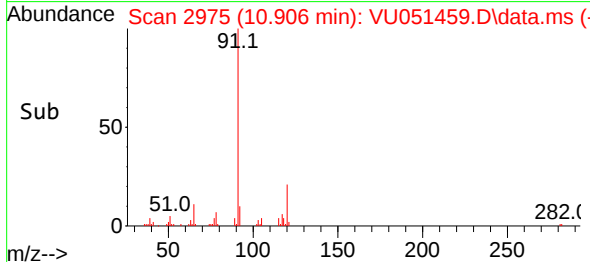
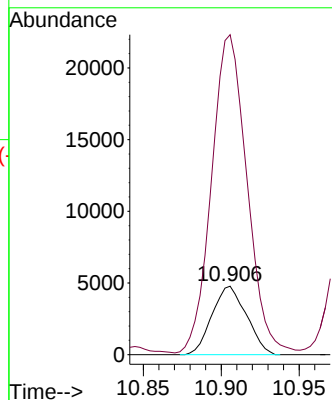
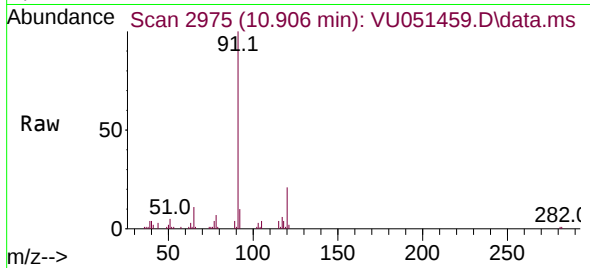




#73
n-propylbenzene
Concen: 0.641 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

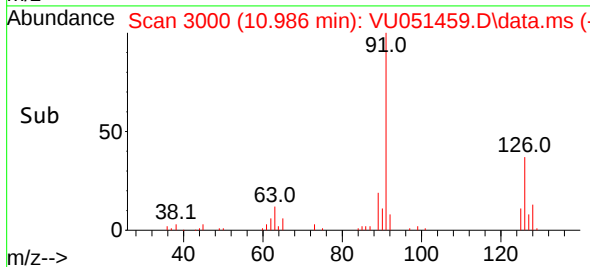
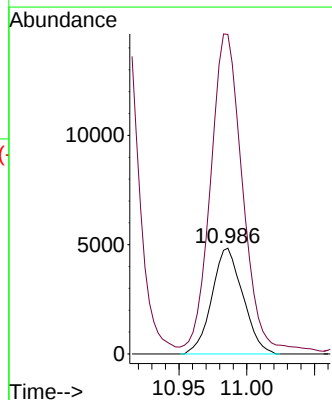
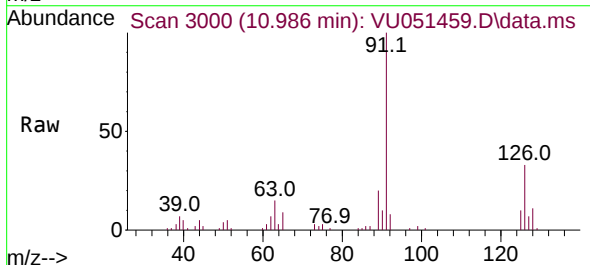
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

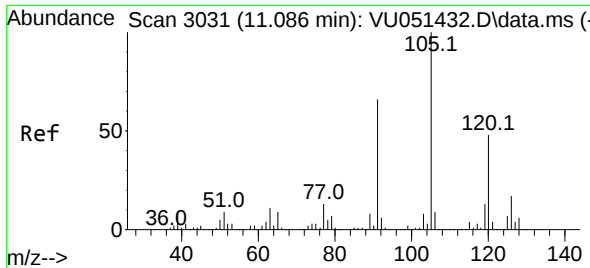
Tgt Ion:120 Resp: 7338
Ion Ratio Lower Upper
120 100
91 484.9 362.3 543.5



#74
2-Chlorotoluene
Concen: 0.706 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion:126 Resp: 7697
Ion Ratio Lower Upper
126 100
91 318.2 0.0 623.2

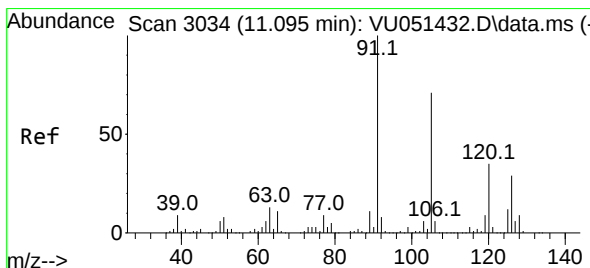
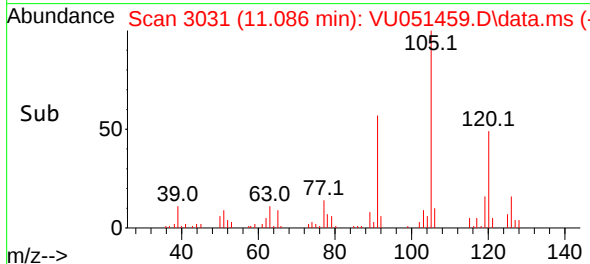
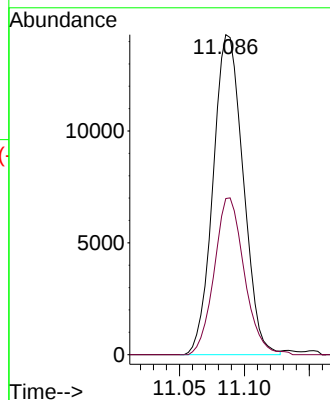
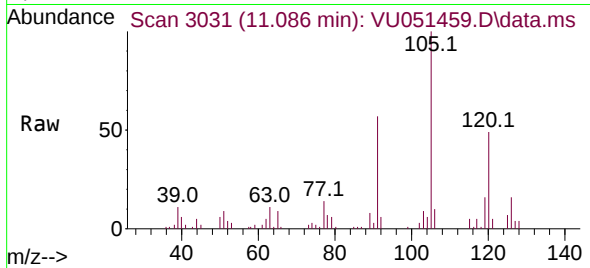




#75
1,3,5-Trimethylbenzene
Concen: 0.623 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

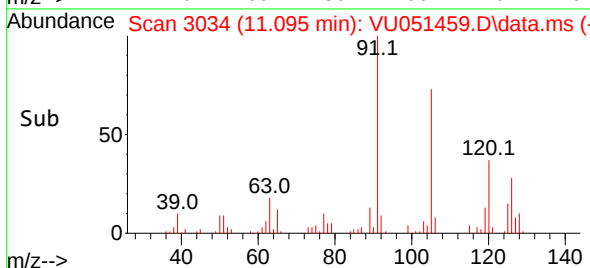
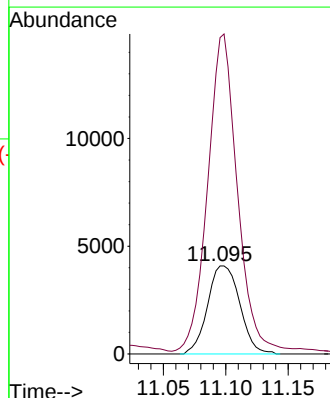
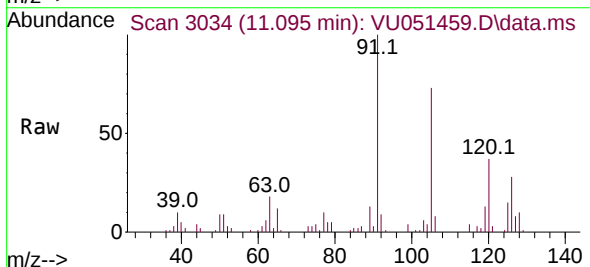
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

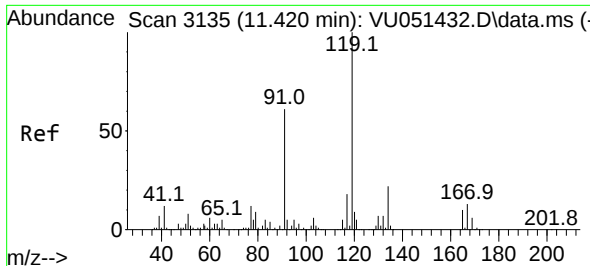
Tgt Ion:105 Resp: 22992
Ion Ratio Lower Upper
105 100
120 49.0 38.2 57.4



#76
4-Chlorotoluene
Concen: 0.659 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion:126 Resp: 7341
Ion Ratio Lower Upper
126 100
91 344.0 0.0 717.6

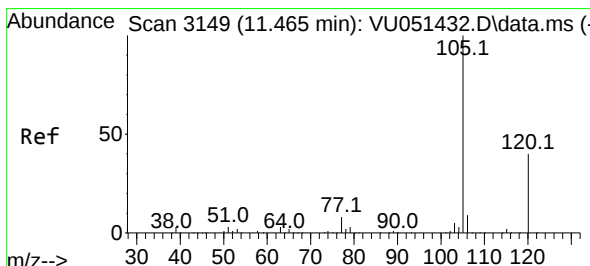
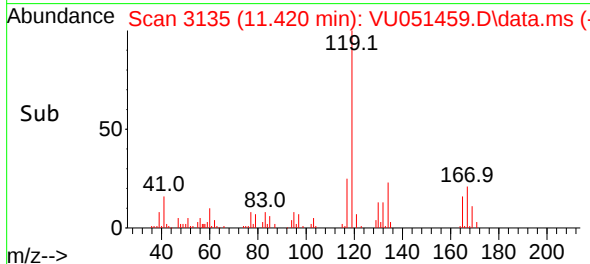
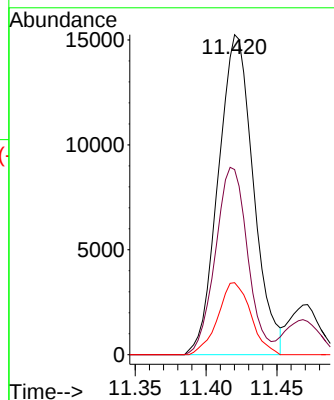
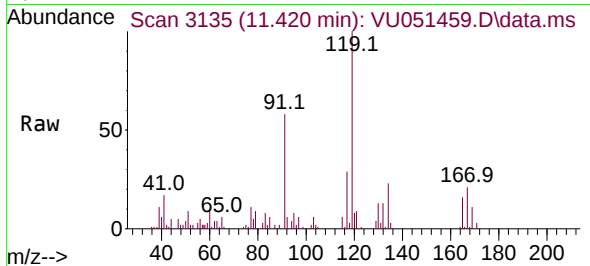




#77
tert-Butylbenzene
Concen: 0.730 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

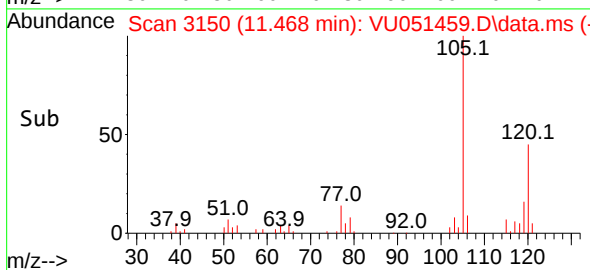
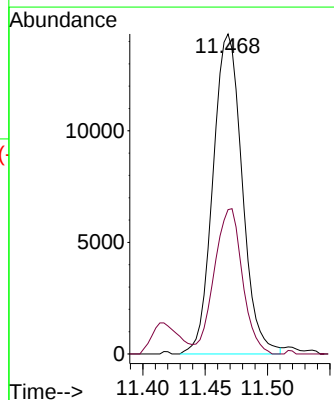
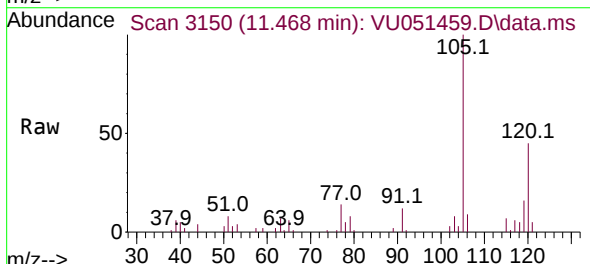
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

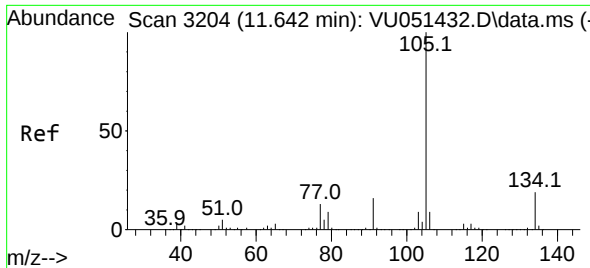
Tgt Ion:119	Resp:	26324
Ion Ratio	Lower	Upper
119	100	
91	53.7	29.8 89.5
134	21.2	17.9 26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.609 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion:105	Resp:	23387
Ion Ratio	Lower	Upper
105	100	
120	44.0	22.1 66.3

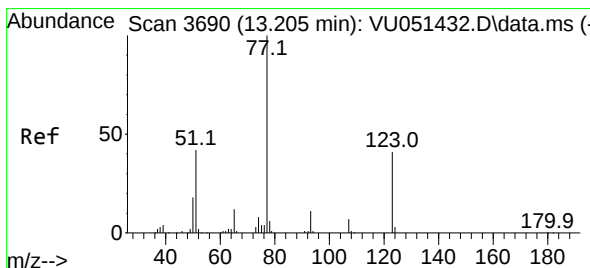
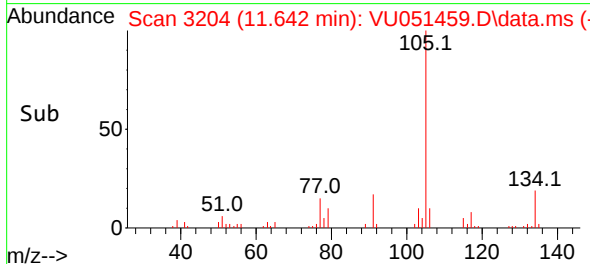
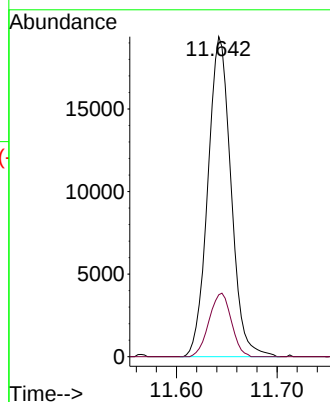
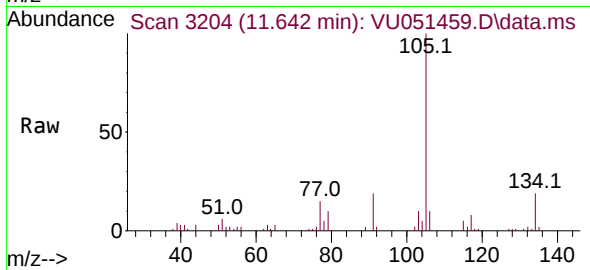




#79
 sec-Butylbenzene
 Concen: 0.649 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051459.D
 Acq: 19 Oct 2022 15:56

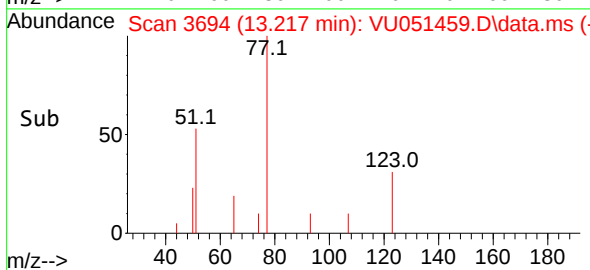
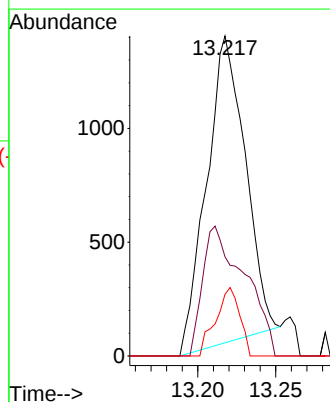
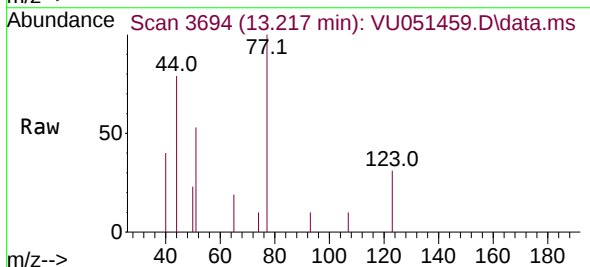
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

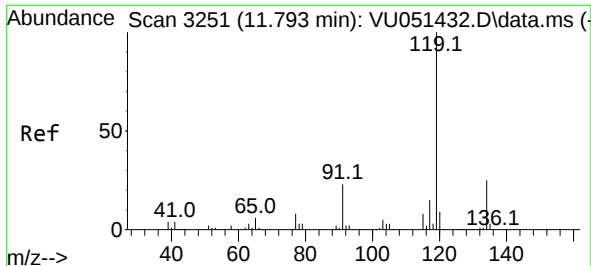
Tgt Ion:105 Resp: 30976
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.2 22.8



#80
 Nitrobenzene
 Concen: 3.658 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.013 min
 Lab File: VU051459.D
 Acq: 19 Oct 2022 15:56

Tgt Ion: 77 Resp: 2328
 Ion Ratio Lower Upper
 77 100
 123 46.0 17.5 62.1
 65 13.8 11.1 14.1

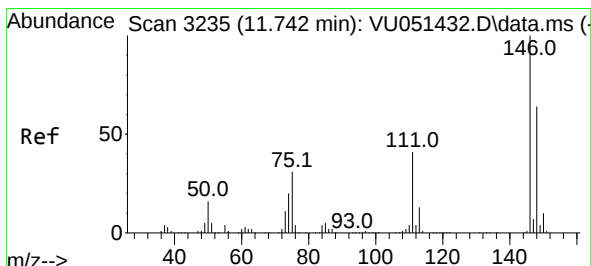
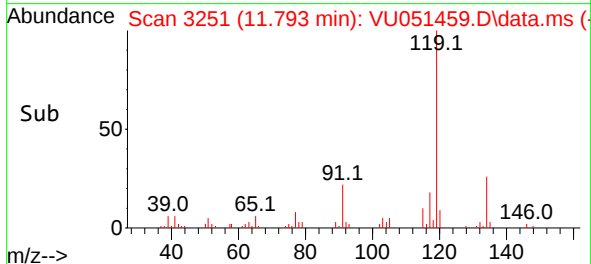
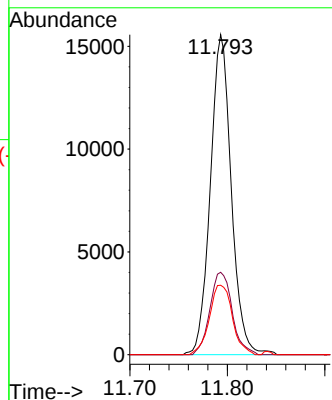
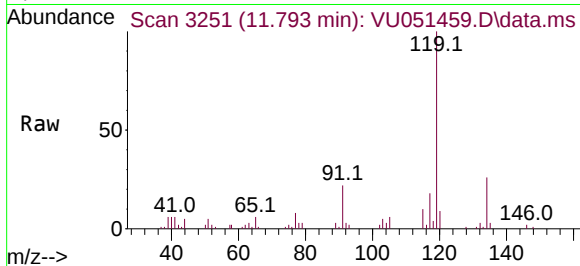




#81
p-Isopropyltoluene
Concen: 0.607 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

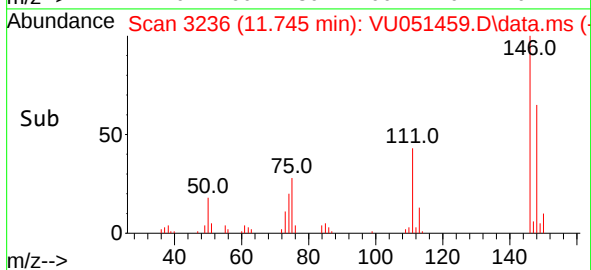
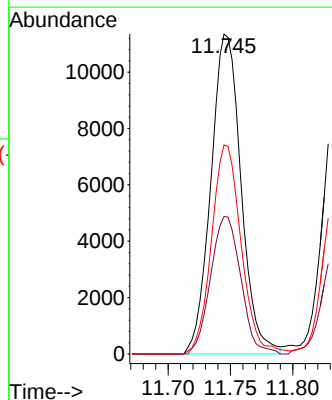
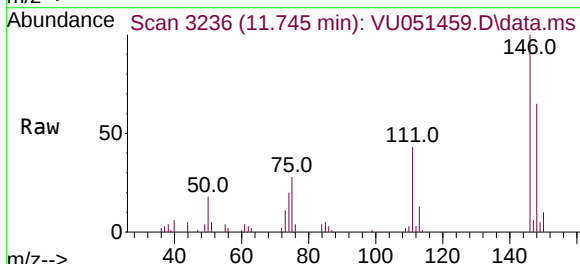
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

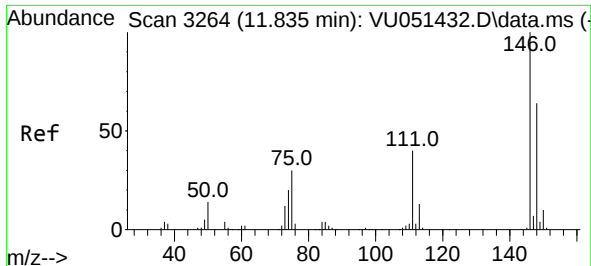
Tgt Ion:119	Resp:	23199
Ion Ratio	Lower	Upper
119	100	
134	27.4	20.3 30.5
91	23.9	18.6 27.8



#82
1,3-Dichlorobenzene
Concen: 0.796 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion:146	Resp:	19147
Ion Ratio	Lower	Upper
146	100	
111	42.9	33.4 50.0
148	64.2	51.0 76.6

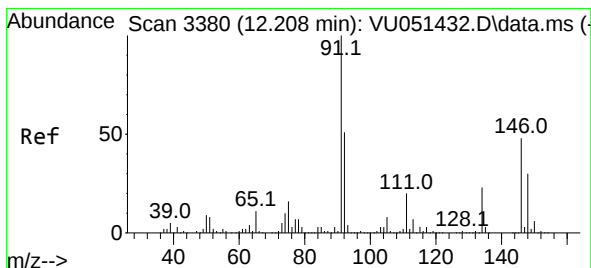
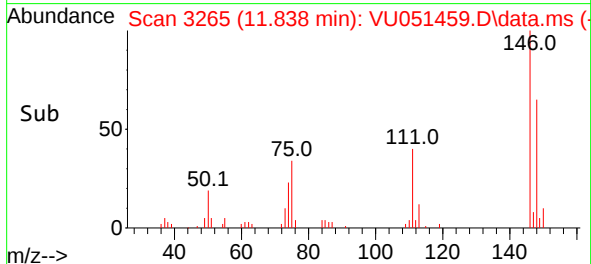
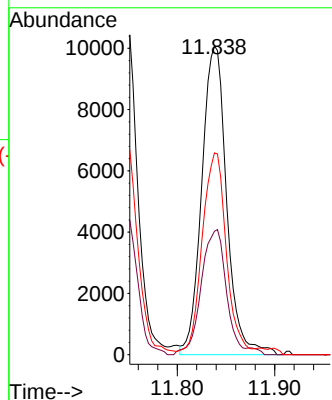
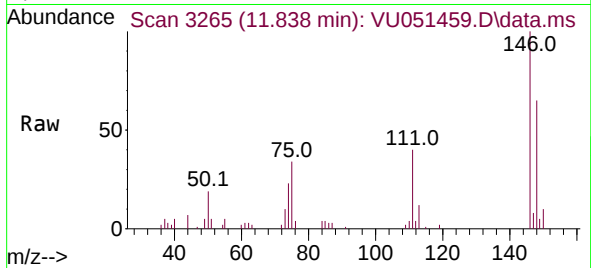




#83
1,4-Dichlorobenzene
Concen: 0.760 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

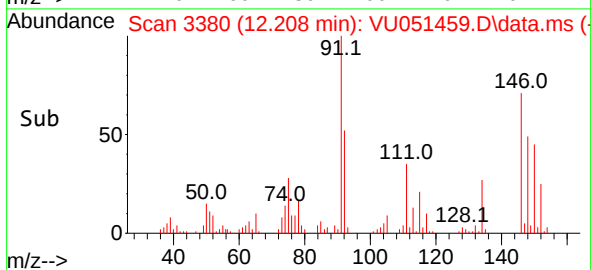
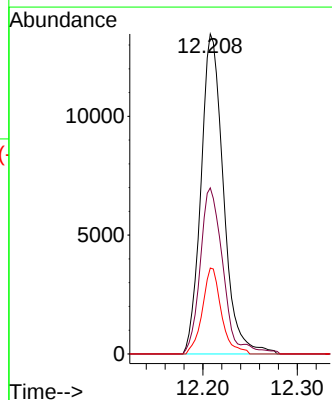
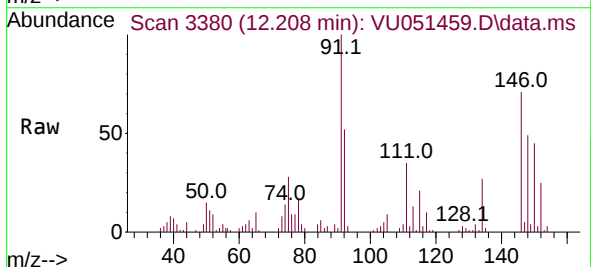
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

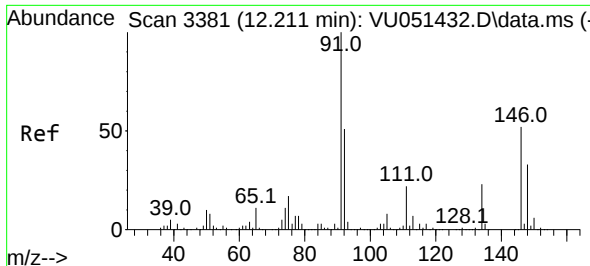
Tgt Ion:146 Resp: 17876
Ion Ratio Lower Upper
146 100
111 40.5 31.6 47.4
148 60.8 50.5 75.7



#84
n-Butylbenzene
Concen: 0.587 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 91 Resp: 22234
Ion Ratio Lower Upper
91 100
92 52.7 40.6 61.0
134 22.7 18.3 27.5

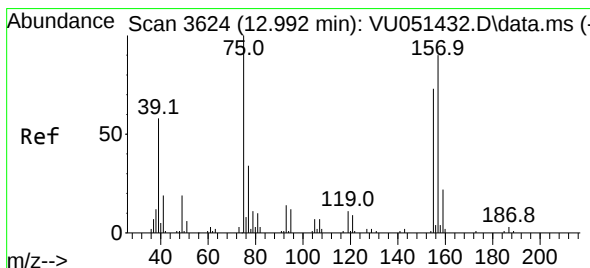
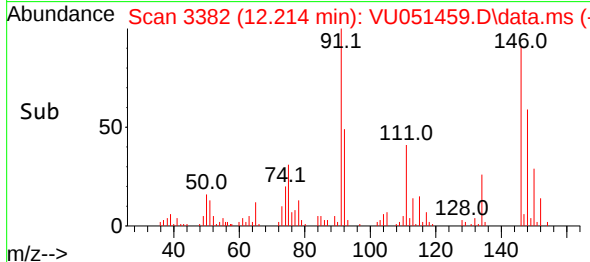
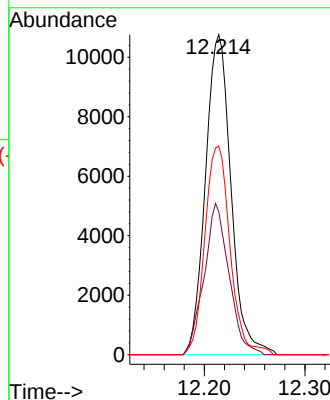
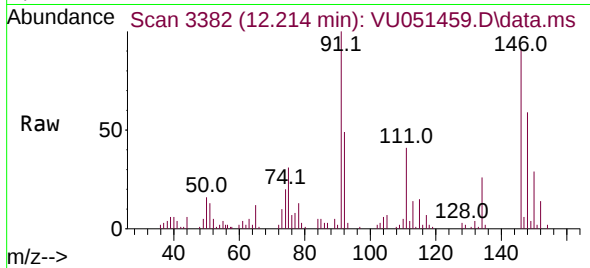




#85
1,2-Dichlorobenzene
Concen: 0.803 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

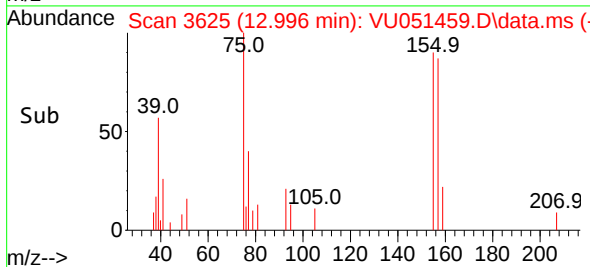
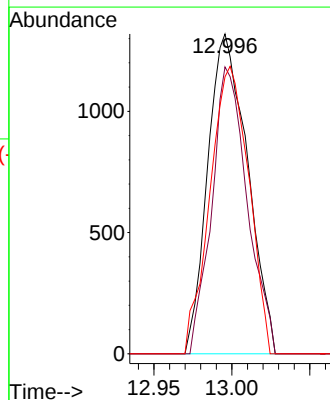
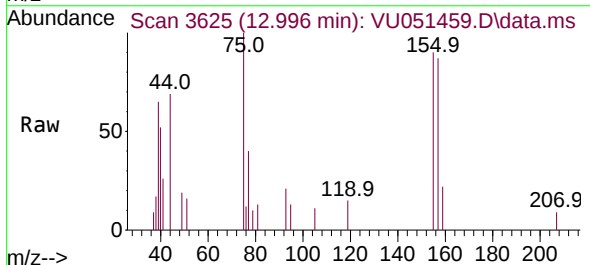
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

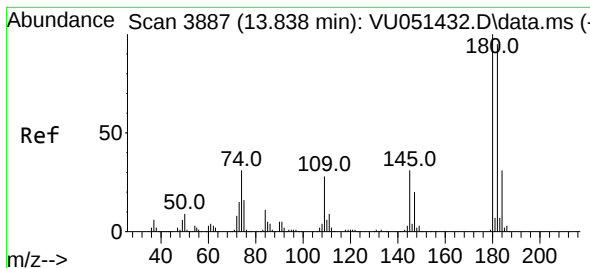
Tgt Ion:146	Resp:	19011
Ion	Ratio	Lower Upper
146	100	
111	46.0	21.3 63.9
148	64.7	31.8 95.4



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.162 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion: 75	Resp:	2336
Ion	Ratio	Lower Upper
75	100	
155	80.1	58.5 87.7
157	87.8	75.3 112.9





#87

1,2,4-Trichlorobenzene

Concen: 0.706 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

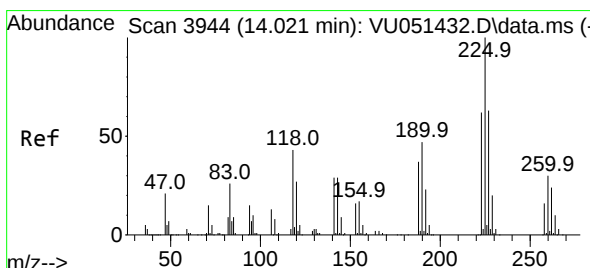
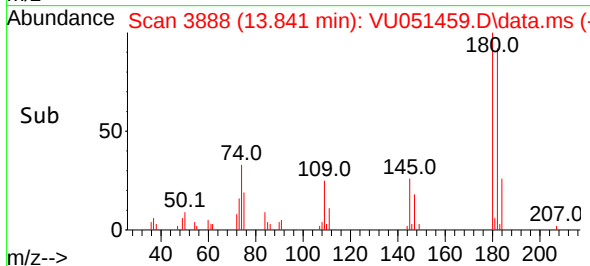
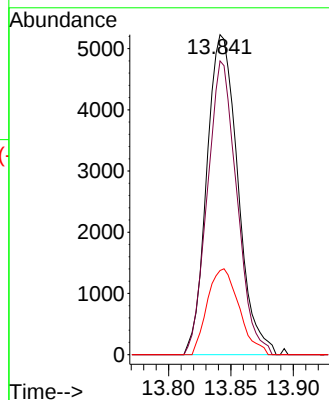
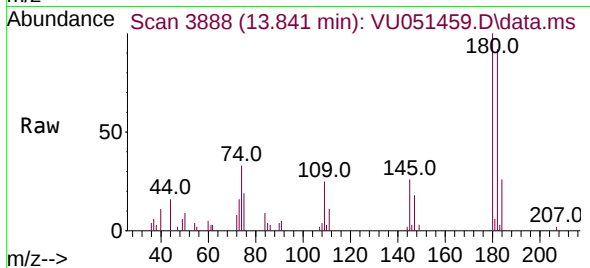
Tgt Ion:180 Resp: 9059

Ion Ratio Lower Upper

180 100

182 87.1 75.9 113.9

145 27.5 24.9 37.3



#88

Hexachlorobutadiene

Concen: 0.890 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU051459.D

Acq: 19 Oct 2022 15:56

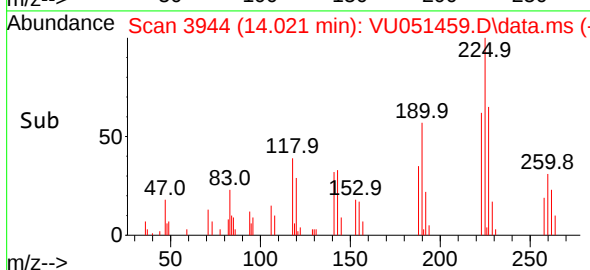
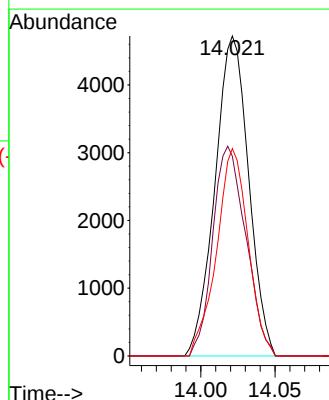
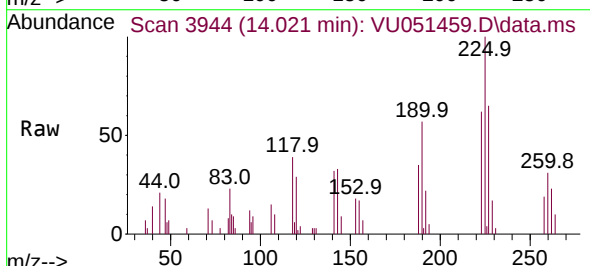
Tgt Ion:225 Resp: 7442

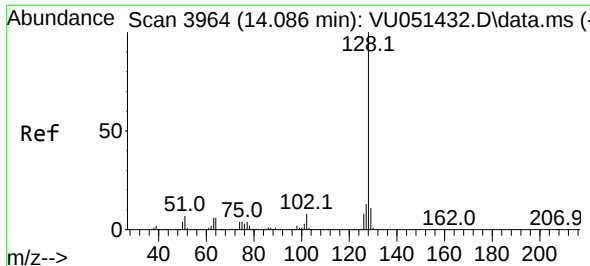
Ion Ratio Lower Upper

225 100

223 64.4 50.1 75.1

227 60.5 51.4 77.2

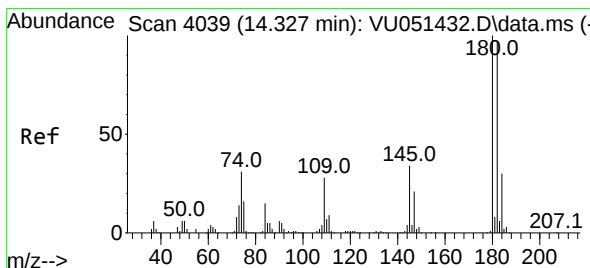
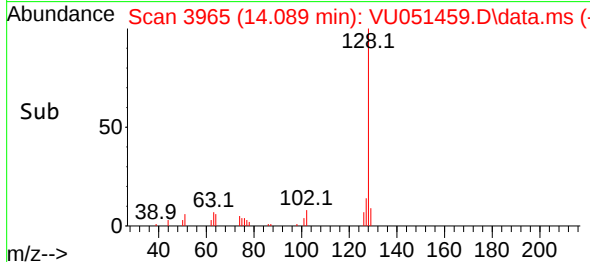
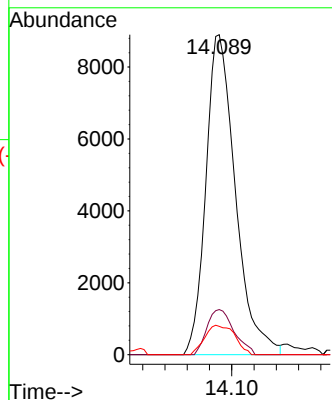
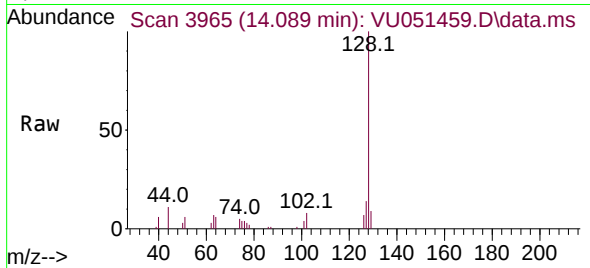




#89
Naphthalene
Concen: 0.611 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:128	Resp:	16393
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.7 16.1
129	9.4	8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 0.623 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU051459.D
Acq: 19 Oct 2022 15:56

Tgt Ion:180	Resp:	8743
Ion Ratio	Lower	Upper
180	100	
182	98.6	75.8 113.6
145	32.7	26.6 39.8

