

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022823\
 Data File : VU053172.D
 Acq On : 28 Feb 2023 14:55
 Operator : JC/MD
 Sample : 01627-08 1.0PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 01 03:58:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 01 03:54:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.109	96	22411	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	9446	0.999	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	7720	1.030	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	5671	0.997	ug/l	98
3) Chloromethane	1.524	50	5437	0.928	ug/l	92
4) Vinyl Chloride	1.604	62	5943	0.952	ug/l	97
5) Bromomethane	1.858	94	3642	1.025	ug/l	92
6) Chloroethane	1.936	64	3807	1.004	ug/l	96
7) Trichlorofluoromethane	2.141	101	8251	0.918	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	5384	0.959	ug/l	93
9) 1,1-Dichloroethene	2.585	96	4370	0.896	ug/l	92
10) Iodomethane	2.723	142	4142	0.825	ug/l	93
11) Allyl Chloride	2.923	41	6816	0.895	ug/l	99
12) Acrylonitrile	3.321	53	2811	2.250	ug/l	# 86
13) Acetone	2.646	43	7390	4.138	ug/l	# 88
14) Carbon Disulfide	2.794	76	10293	0.920	ug/l	97
15) Methylene Chloride	3.045	84	8618	1.236	ug/l	92
16) trans-1,2-Dichloroethene	3.354	96	4928	0.919	ug/l	94
17) 1,1-Dichloroethane	3.868	63	11068	0.943	ug/l	98
18) 2-Butanone	4.717	43	9466	4.415	ug/l	94
19) Cyclohexane	5.382	56	7923	0.846	ug/l	87
20) Methylcyclohexane	6.759	83	8532	0.949	ug/l	98
21) 2,2-Dichloropropane	4.662	77	9906	0.964	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	5999	0.906	ug/l	99
23) Diethyl Ether	2.376	59	3638	0.911	ug/l	# 90
24) tert-Butyl Alcohol	3.190	59	379	0.808	ug/l	# 71
25) Methyl tert-Butyl Ether	3.366	73	13992	0.986	ug/l	98
26) Bromochloromethane	4.971	128	2395	0.936	ug/l	84
27) Chloroform	5.087	83	11348	0.939	ug/l	100
28) 1,1,1-Trichloroethane	5.312	97	8674	0.854	ug/l	95
29) 1,1-Dichloropropene	5.521	75	6929	0.910	ug/l	99
30) Carbon Tetrachloride	5.524	117	6276	0.898	ug/l	98
31) Isopropyl Ether	3.993	45	17005	0.909	ug/l	95
32) Ethyl-t-butyl ether	4.505	59	16763	0.945	ug/l	99
33) Tert-Amyl methyl ether	5.942	73	13271	0.943	ug/l	98
34) Propionitrile	4.797	54	2830	5.674	ug/l	# 82
35) Benzene	5.771	78	21373	0.952	ug/l	96
36) 1,2-Dichloroethane	5.797	62	5944	0.885	ug/l	100
37) Trichloroethene	6.540	130	5029	0.976	ug/l	100
38) 1,2-Dichloropropane	6.791	63	6091	0.938	ug/l	99
39) Methacrylonitrile	4.977	41	2322	1.091	ug/l	# 70
40) Methyl acrylate	4.852	55	3741	1.138	ug/l	# 83
41) Tetrahydrofuran	5.064	42	2412	2.312	ug/l	90
42) 1-Chlorobutane	5.453	56	9692	0.915	ug/l	94
43) Dibromomethane	6.919	93	2703	0.939	ug/l	96
44) Bromodichloromethane	7.106	83	7319	0.929	ug/l	96

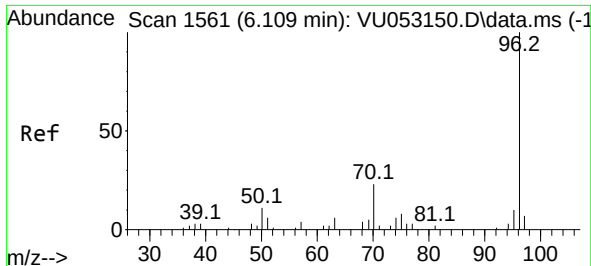
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022823\
 Data File : VU053172.D
 Acq On : 28 Feb 2023 14:55
 Operator : JC/MD
 Sample : 01627-08 1.0PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 01 03:58:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 01 03:54:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	17373	4.943	ug/l	97
46) t-1,4-Dichloro-2-butene	10.823	75	6920	3.907	ug/l #	50
47) Methyl methacrylate	6.968	69	6043	2.040	ug/l	97
48) Ethyl methacrylate	8.334	69	5854	0.963	ug/l	99
49) Toluene	7.968	92	13866	1.003	ug/l	97
50) t-1,3-Dichloropropene	8.209	75	6958	0.910	ug/l	96
51) cis-1,3-Dichloropropene	7.607	75	8739	0.943	ug/l	94
52) 1,1,2-Trichloroethane	8.398	97	4247	1.004	ug/l #	90
53) 1,3-Dichloropropane	8.575	76	7706	1.017	ug/l	100
54) 2-Hexanone	8.688	43	13096	4.373	ug/l	98
55) Dibromochloromethane	8.810	129	4350	0.902	ug/l	92
56) 1,2-Dibromoethane	8.919	107	3428	0.913	ug/l	96
58) Tetrachloroethene	8.549	164	3826	0.931	ug/l	93
59) Chlorobenzene	9.447	112	15385	0.995	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.533	131	4888	0.957	ug/l	99
61) Pentachloroethane	11.421	117	4227	0.952	ug/l	92
62) Hexachloroethane	12.472	117	3849	0.787	ug/l	98
63) Ethyl Benzene	9.569	91	26831	0.940	ug/l	99
64) m/p-Xylenes	9.694	106	20738	2.003	ug/l	97
65) o-Xylene	10.096	106	9816	0.929	ug/l	99
66) Styrene	10.112	104	15971	0.953	ug/l	96
67) Bromoform	10.286	173	1934	0.824	ug/l #	96
69) Isopropylbenzene	10.482	105	27923	0.986	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	5890	1.034	ug/l #	95
71) 1,2,3-Trichloropropane	10.823	75	6920	1.411	ug/l #	55
72) Bromobenzene	10.781	156	5486	0.999	ug/l	98
73) n-propylbenzene	10.903	120	6513	0.867	ug/l	87
74) 2-Chlorotoluene	10.983	126	6412	1.031	ug/l	92
75) 1,3,5-Trimethylbenzene	11.086	105	22007	0.934	ug/l	98
76) 4-Chlorotoluene	11.096	126	6309	0.965	ug/l	88
77) tert-Butylbenzene	11.418	119	21533	0.933	ug/l	98
78) 1,2,4-Trimethylbenzene	11.466	105	23414	0.975	ug/l	99
79) sec-Butylbenzene	11.639	105	29723	0.928	ug/l	98
80) Nitrobenzene	13.225	77	1076	3.613	ug/l #	72
81) p-Isopropyltoluene	11.791	119	23399	0.922	ug/l	99
82) 1,3-Dichlorobenzene	11.746	146	11598	0.962	ug/l	98
83) 1,4-Dichlorobenzene	11.836	146	11670	0.948	ug/l	96
84) n-Butylbenzene	12.205	91	24858	0.945	ug/l	96
85) 1,2-Dichlorobenzene	12.212	146	11227	0.976	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.993	75	743	0.829	ug/l #	85
87) 1,2,4-Trichlorobenzene	13.839	180	6793	0.962	ug/l	93
88) Hexachlorobutadiene	14.019	225	2835	0.822	ug/l	93
89) Naphthalene	14.086	128	14657	0.976	ug/l	97
90) 1,2,3-Trichlorobenzene	14.331	180	5467	0.880	ug/l	98

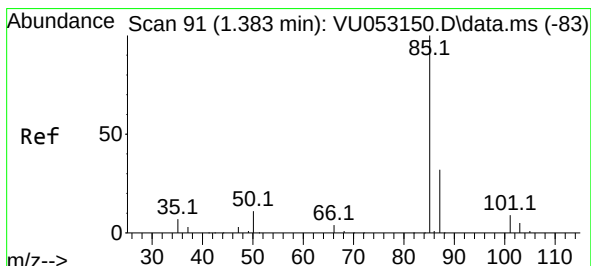
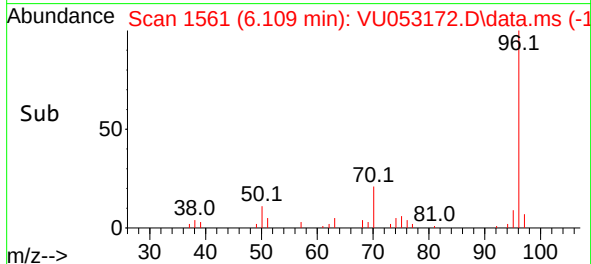
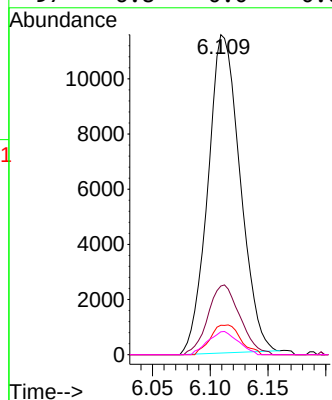
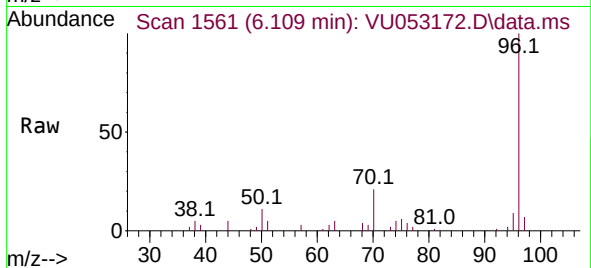
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

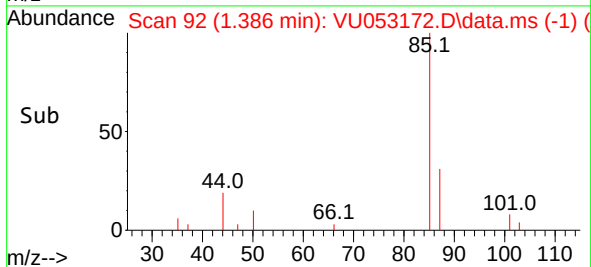
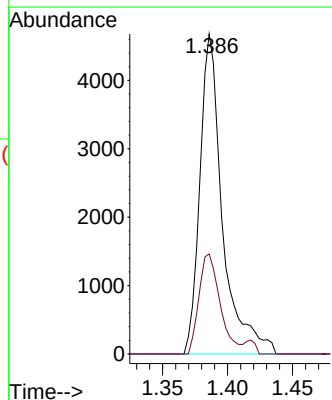
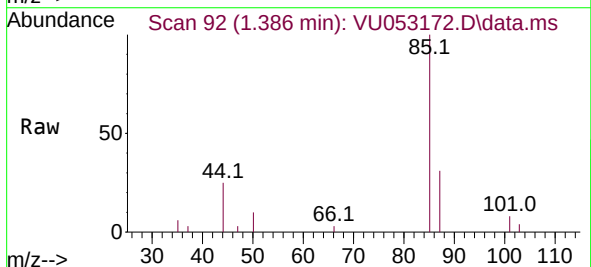
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

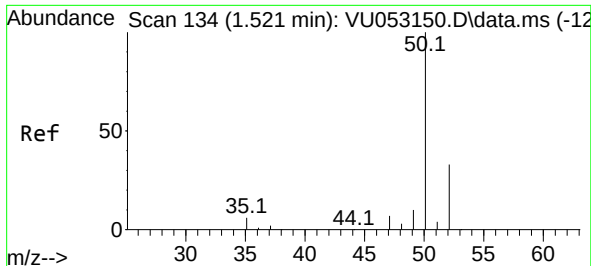
Tgt Ion: 96	Resp: 22411
Ion Ratio	Lower Upper
96 100	
70 21.8	15.5 23.3
95 8.7	7.0 10.6
97 6.8	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.997 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion: 85	Resp: 5671
Ion Ratio	Lower Upper
85 100	
87 31.2	16.1 48.2





#3

Chloromethane

Concen: 0.928 ug/l

RT: 1.524 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

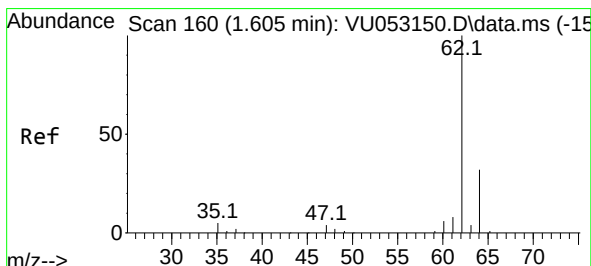
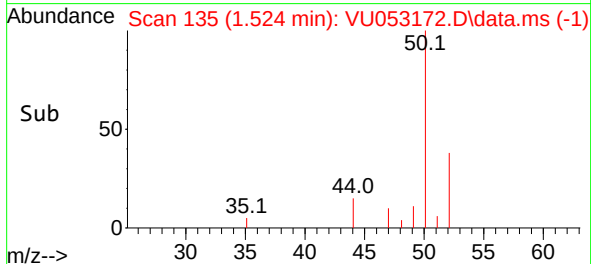
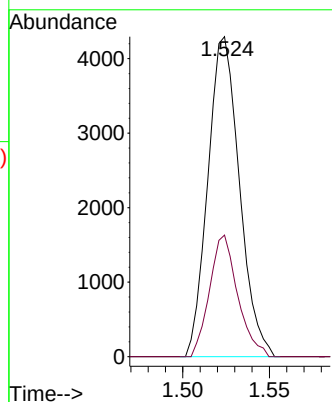
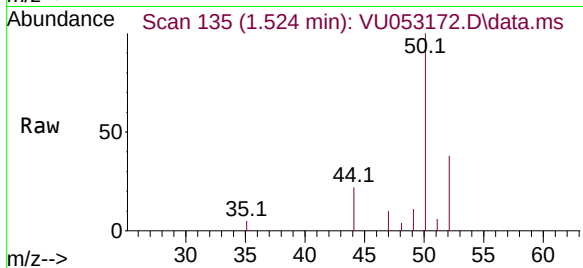
LOQ-WATER-02-QT1-2023

Tgt Ion: 50 Resp: 5437

Ion Ratio Lower Upper

50 100

52 38.0 26.7 40.1



#4

Vinyl Chloride

Concen: 0.952 ug/l

RT: 1.604 min Scan# 160

Delta R.T. -0.000 min

Lab File: VU053172.D

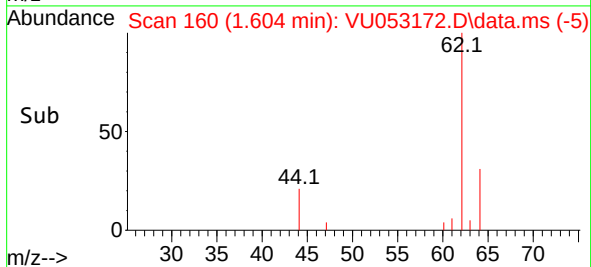
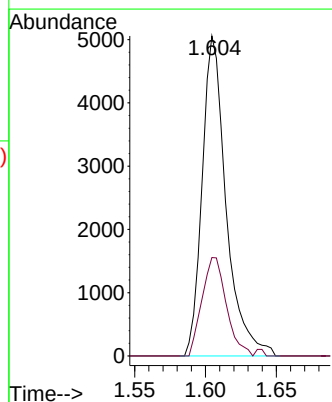
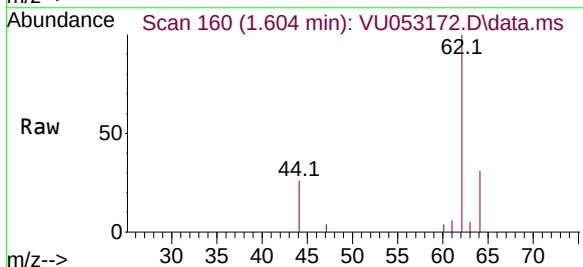
Acq: 28 Feb 2023 14:55

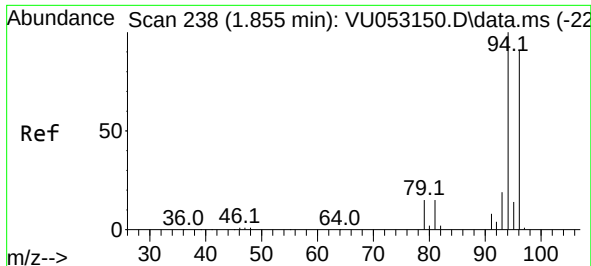
Tgt Ion: 62 Resp: 5943

Ion Ratio Lower Upper

62 100

64 30.7 25.8 38.6





#5

Bromomethane

Concen: 1.025 ug/l

RT: 1.858 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

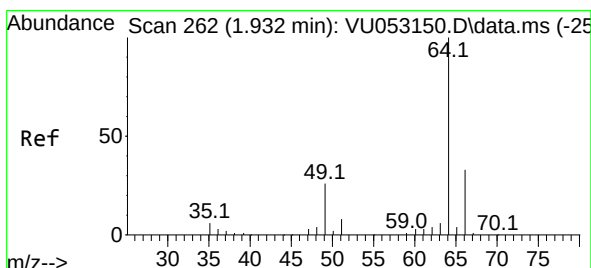
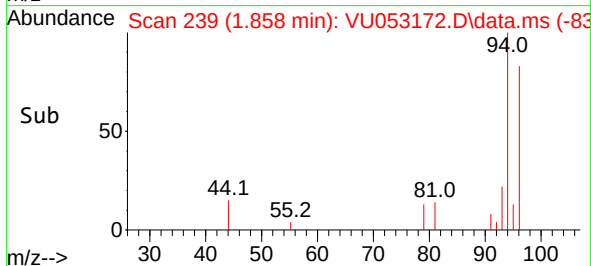
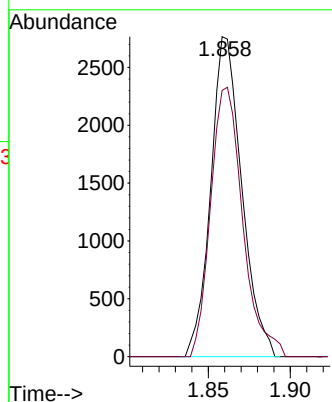
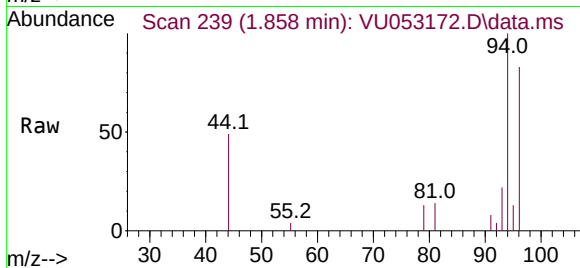
LOQ-WATER-02-QT1-2023

Tgt Ion: 94 Resp: 3642

Ion Ratio Lower Upper

94 100

96 83.2 72.6 108.8



#6

Chloroethane

Concen: 1.004 ug/l

RT: 1.936 min Scan# 263

Delta R.T. 0.003 min

Lab File: VU053172.D

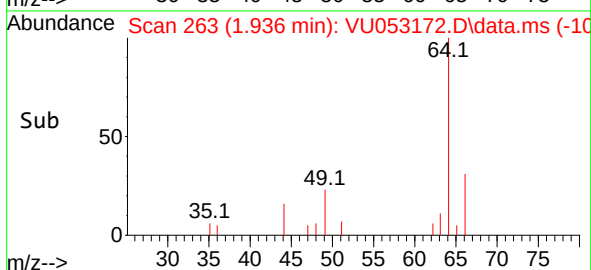
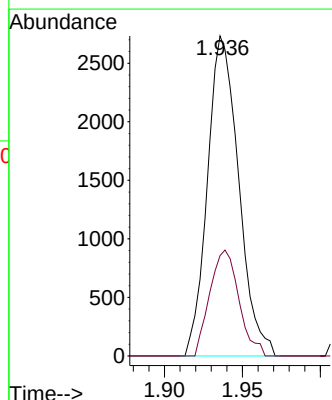
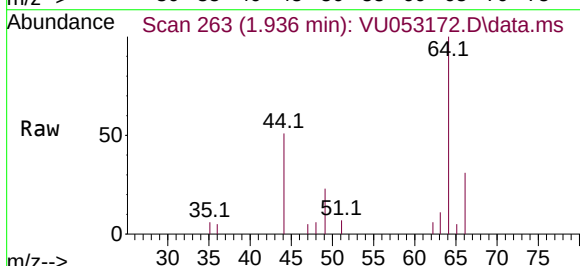
Acq: 28 Feb 2023 14:55

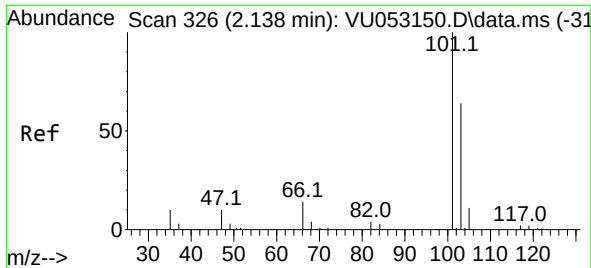
Tgt Ion: 64 Resp: 3807

Ion Ratio Lower Upper

64 100

66 31.4 26.8 40.2

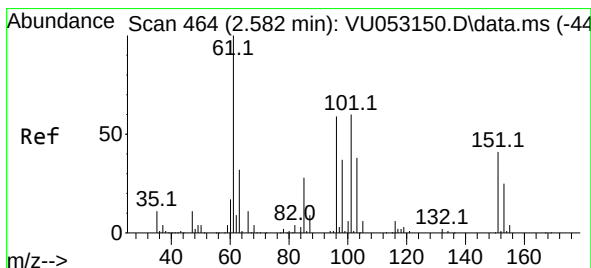
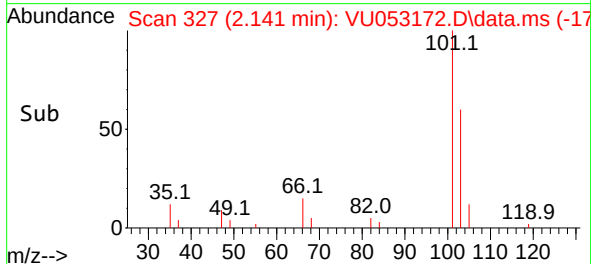
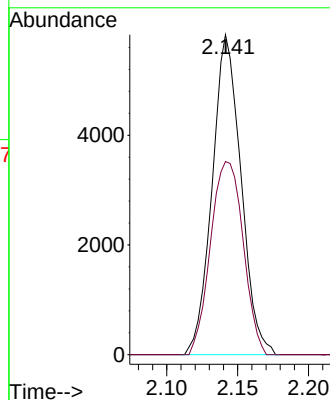
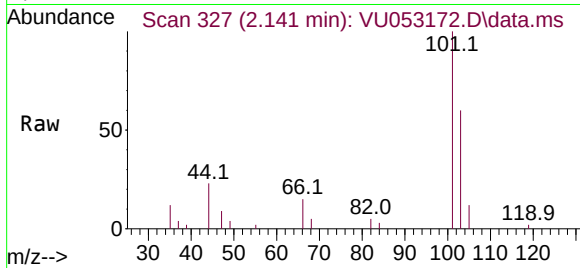




#7
Trichlorofluoromethane
Concen: 0.918 ug/l
RT: 2.141 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

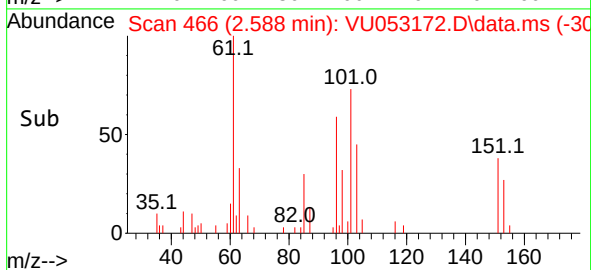
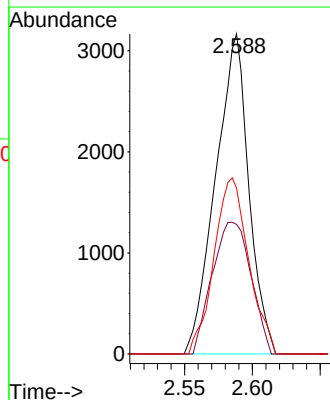
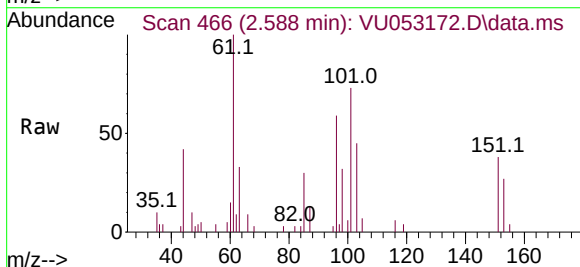
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

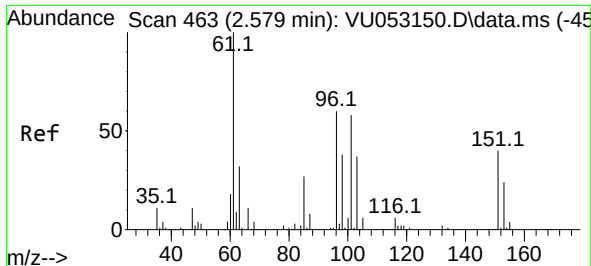
Tgt Ion:101 Resp: 8251
Ion Ratio Lower Upper
101 100
103 60.3 51.2 76.8



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.959 ug/l
RT: 2.588 min Scan# 466
Delta R.T. 0.006 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion:101 Resp: 5384
Ion Ratio Lower Upper
101 100
85 48.2 37.3 55.9
151 57.5 52.4 78.6

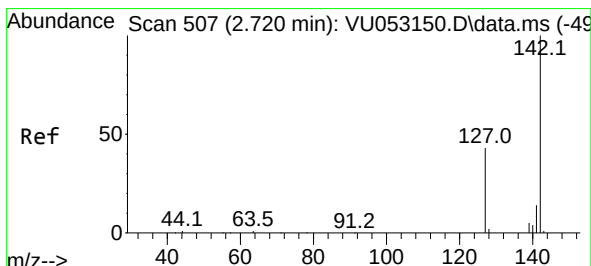
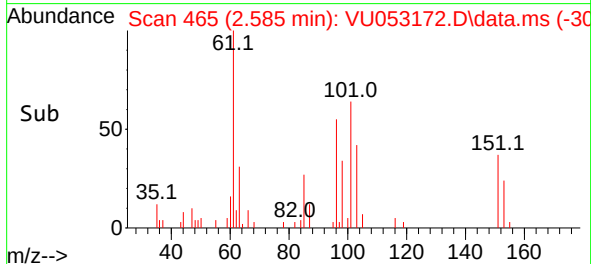
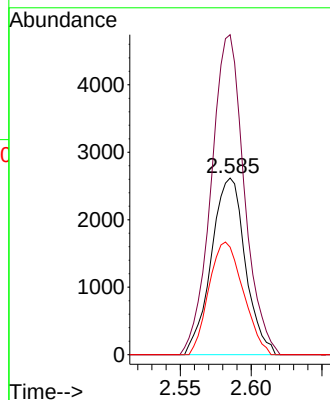
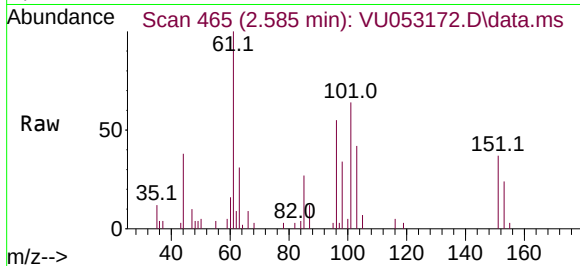




#9
1,1-Dichloroethene
Concen: 0.896 ug/l
RT: 2.585 min Scan# 463
Delta R.T. 0.006 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

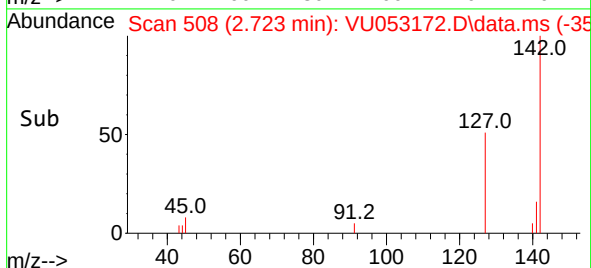
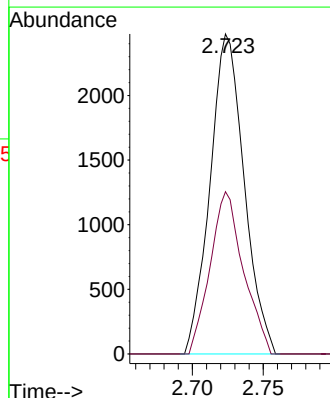
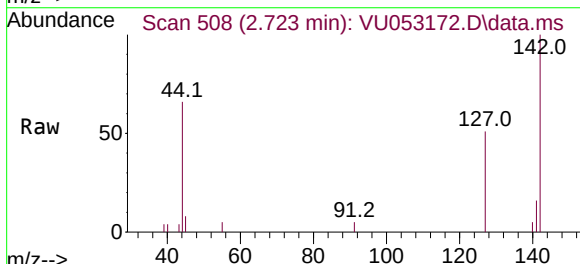
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

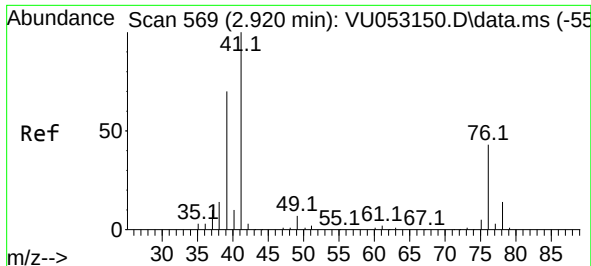
Tgt Ion: 96 Resp: 4370
Ion Ratio Lower Upper
96 100
61 181.1 0.0 502.5
98 60.9 0.0 126.2



#10
Iodomethane
Concen: 0.825 ug/l
RT: 2.723 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion: 142 Resp: 4142
Ion Ratio Lower Upper
142 100
127 49.4 35.8 53.8

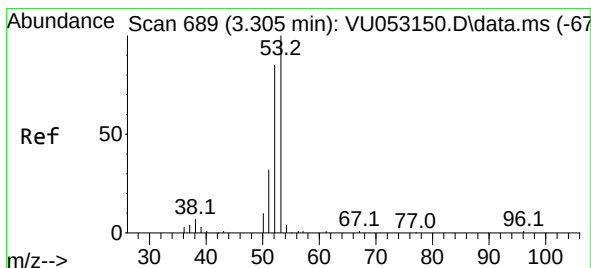
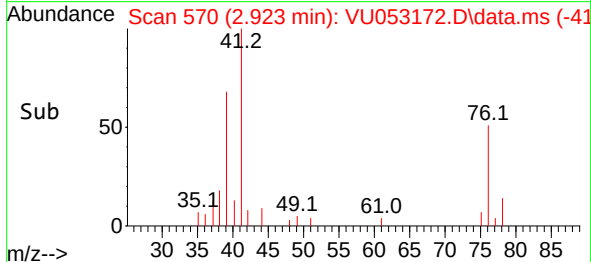
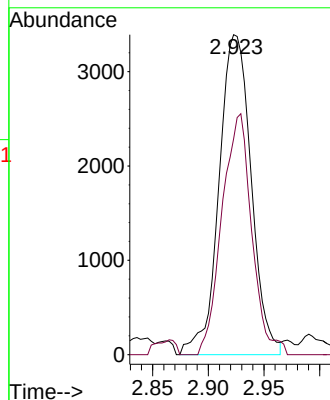
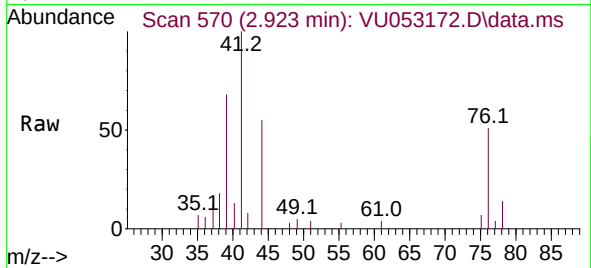




#11
 Allyl Chloride
 Concen: 0.895 ug/l
 RT: 2.923 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VU053172.D
 Acq: 28 Feb 2023 14:55

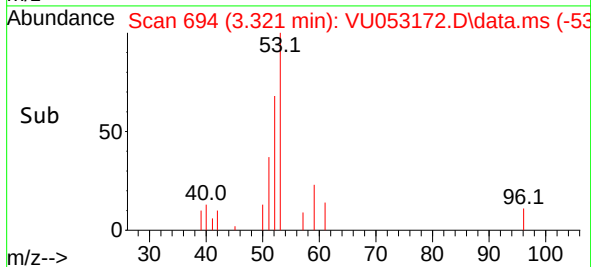
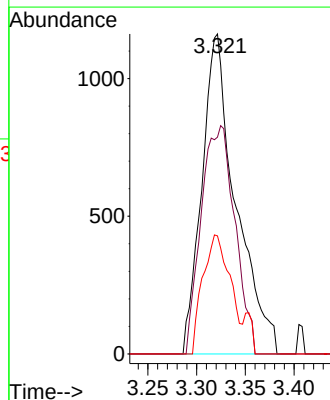
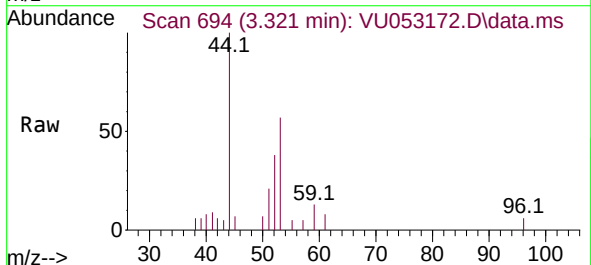
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

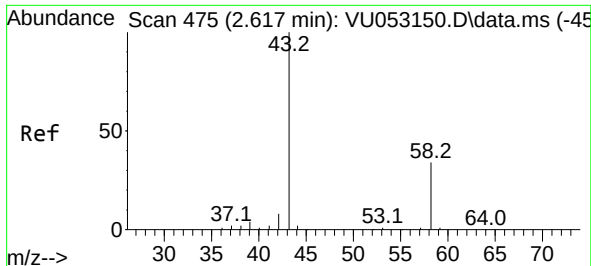
Tgt Ion: 41 Resp: 6816
 Ion Ratio Lower Upper
 41 100
 39 69.7 55.3 82.9



#12
 Acrylonitrile
 Concen: 2.250 ug/l
 RT: 3.321 min Scan# 694
 Delta R.T. 0.016 min
 Lab File: VU053172.D
 Acq: 28 Feb 2023 14:55

Tgt Ion: 53 Resp: 2811
 Ion Ratio Lower Upper
 53 100
 52 70.8 65.9 98.9
 51 30.5 31.8 47.8#





#13

Acetone

Concen: 4.138 ug/l

RT: 2.646 min Scan# 41

Delta R.T. 0.029 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

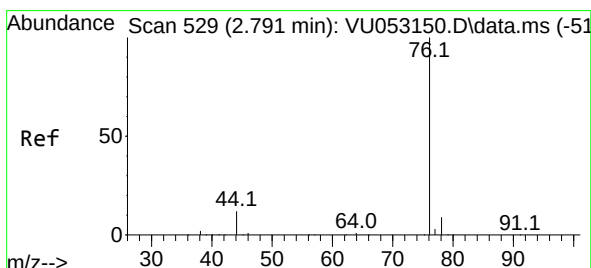
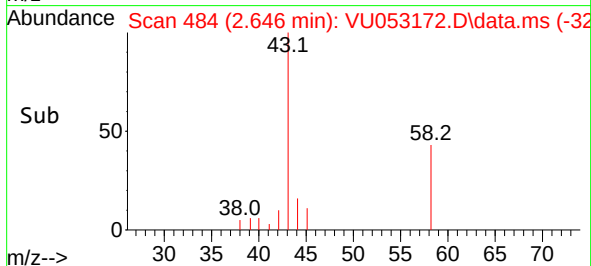
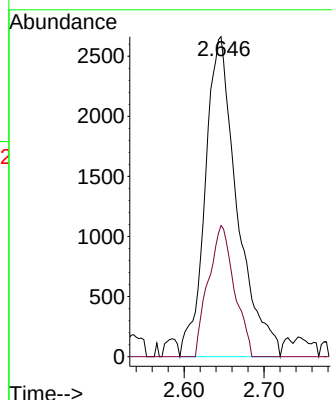
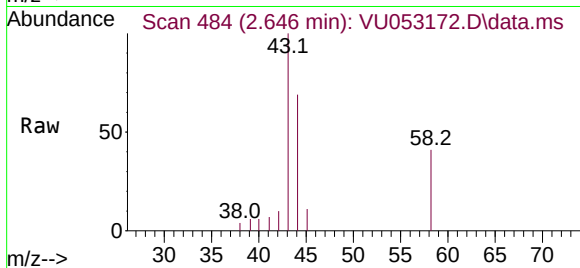
LOQ-WATER-02-QT1-2023

Tgt Ion: 43 Resp: 7390

Ion Ratio Lower Upper

43 100

58 40.9 27.2 40.8#



#14

Carbon Disulfide

Concen: 0.920 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053172.D

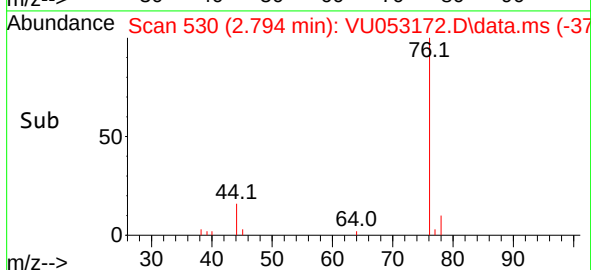
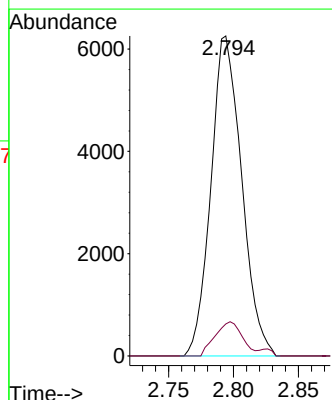
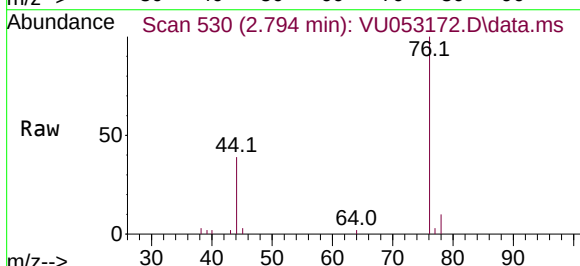
Acq: 28 Feb 2023 14:55

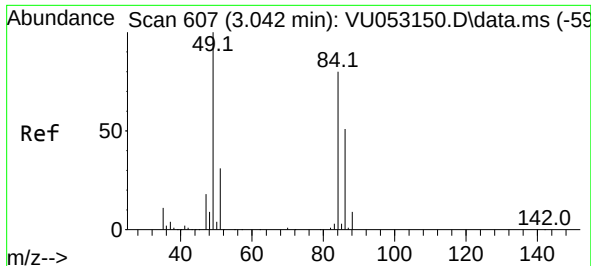
Tgt Ion: 76 Resp: 10293

Ion Ratio Lower Upper

76 100

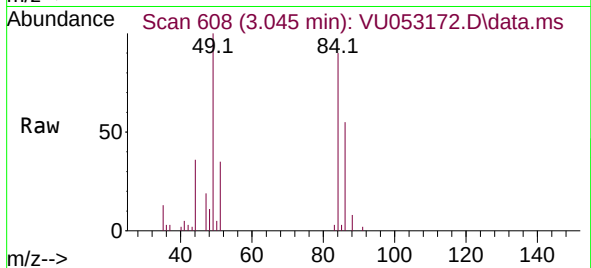
78 10.0 7.2 10.8



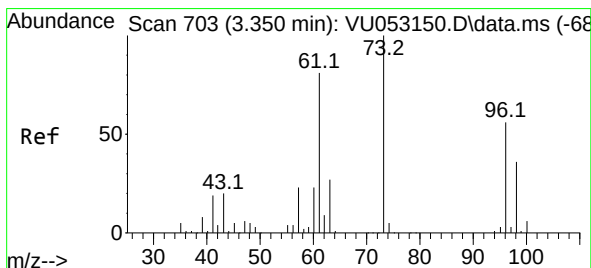
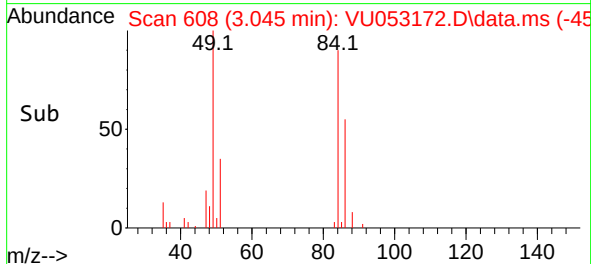
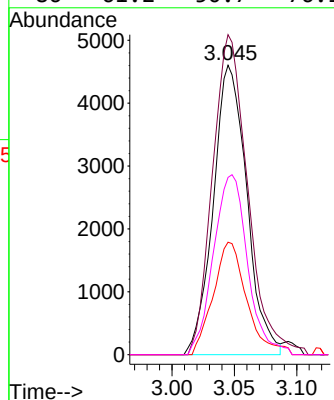


#15
Methylene Chloride
Concen: 1.236 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

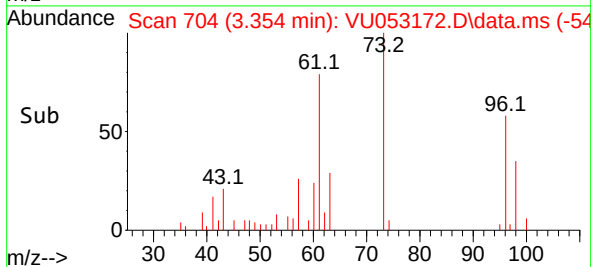
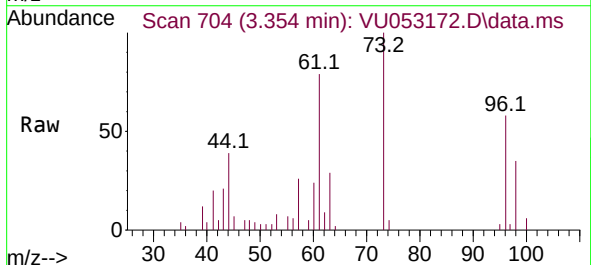
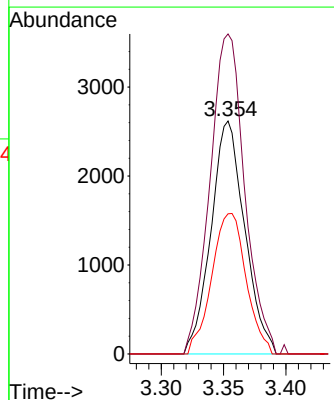


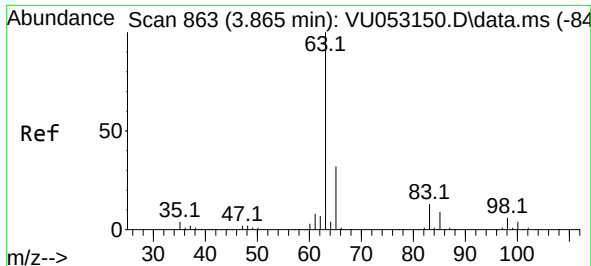
Tgt Ion:	84	Resp:	8618
Ion	Ratio	Lower	Upper
84	100		
49	110.6	99.5	149.3
51	38.9	0.0	76.8
86	61.2	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 0.919 ug/l
RT: 3.354 min Scan# 704
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion:	96	Resp:	4928
Ion	Ratio	Lower	Upper
96	100		
61	137.3	116.1	174.1
98	60.1	51.4	77.2





#17

1,1-Dichloroethane

Concen: 0.943 ug/l

RT: 3.868 min Scan# 8

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

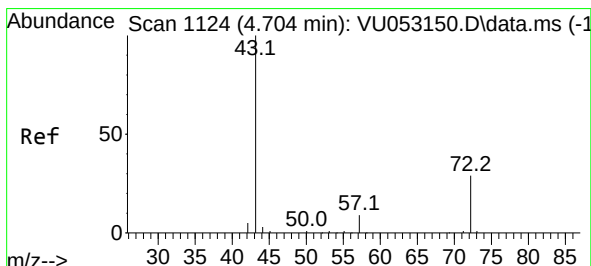
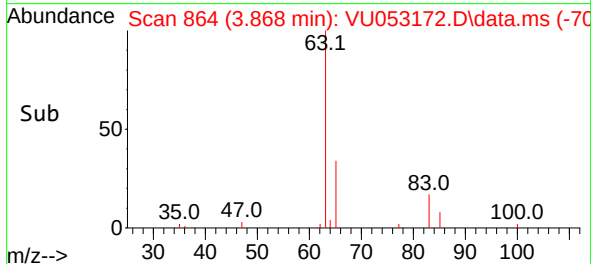
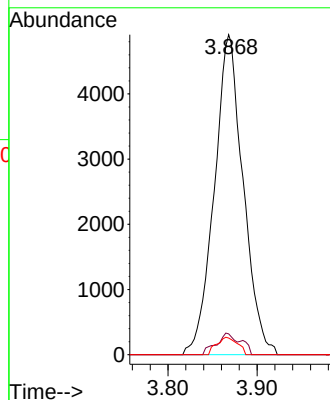
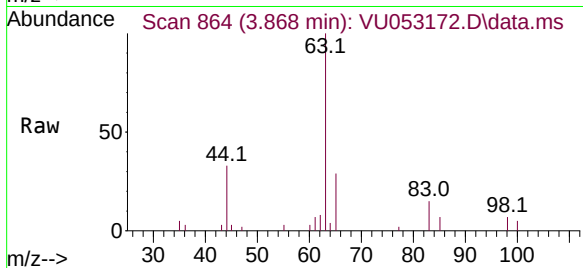
Tgt Ion: 63 Resp: 11068

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 5.2 2.1 6.2



#18

2-Butanone

Concen: 4.415 ug/l

RT: 4.717 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VU053172.D

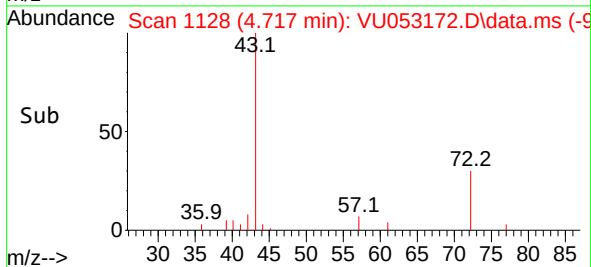
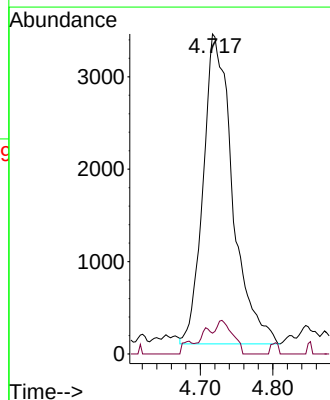
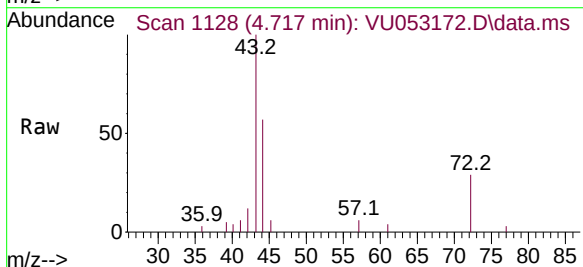
Acq: 28 Feb 2023 14:55

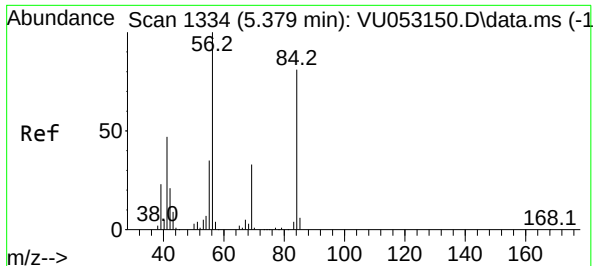
Tgt Ion: 43 Resp: 9466

Ion Ratio Lower Upper

43 100

57 6.7 0.0 17.6





#19

Cyclohexane

Concen: 0.846 ug/l

RT: 5.382 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

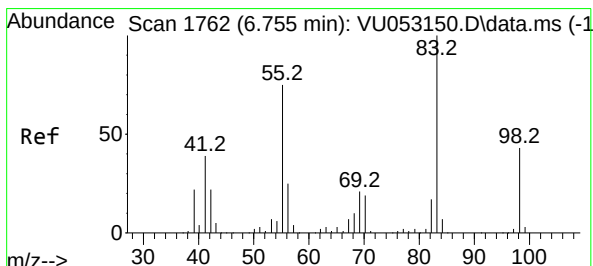
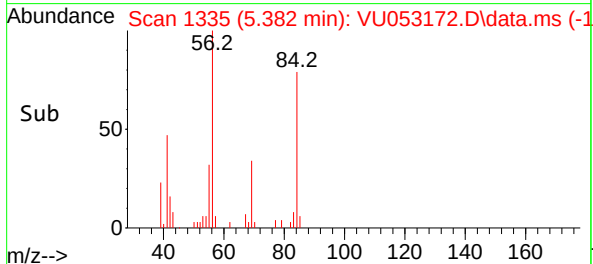
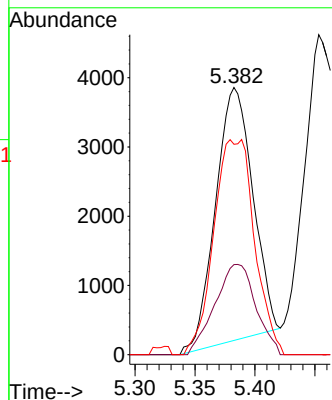
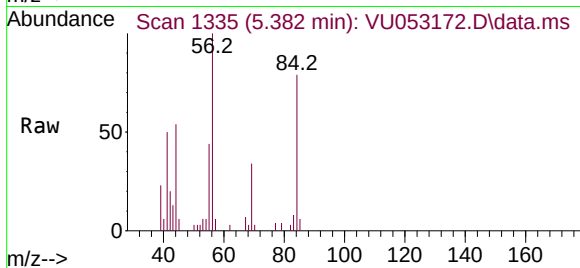
Tgt Ion: 56 Resp: 7923

Ion Ratio Lower Upper

56 100

69 39.0 26.1 39.1

84 92.5 64.7 97.1



#20

Methylcyclohexane

Concen: 0.949 ug/l

RT: 6.759 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

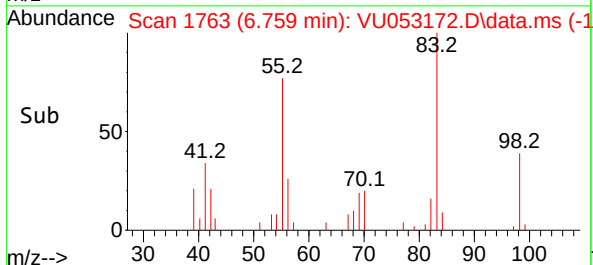
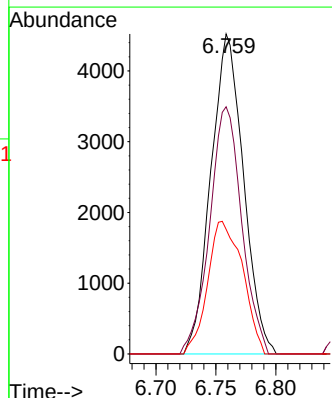
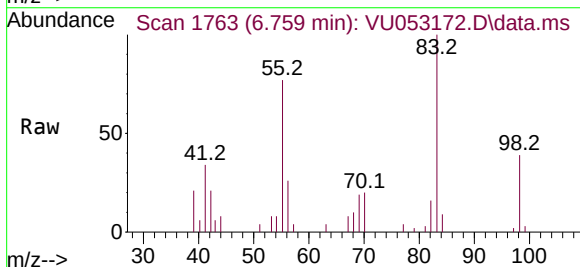
Tgt Ion: 83 Resp: 8532

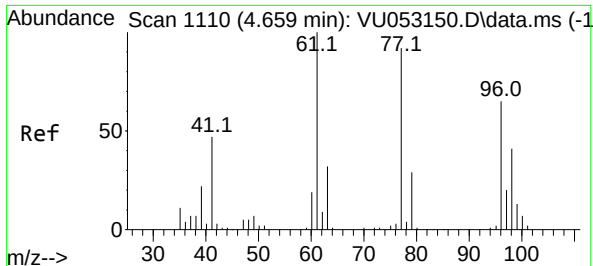
Ion Ratio Lower Upper

83 100

55 76.1 60.2 90.2

98 44.5 33.9 50.9





#21

2,2-Dichloropropane

Concen: 0.964 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

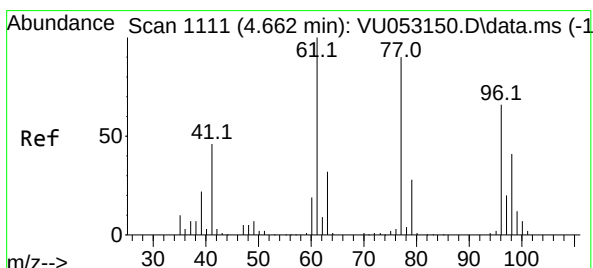
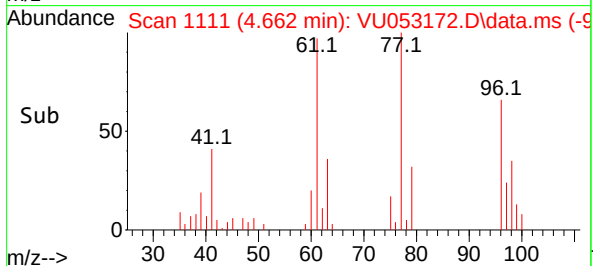
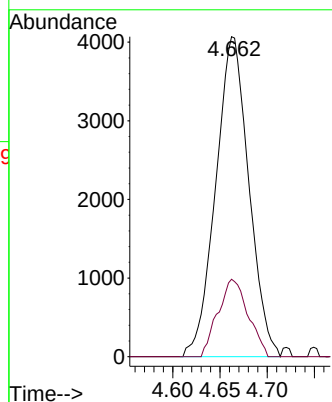
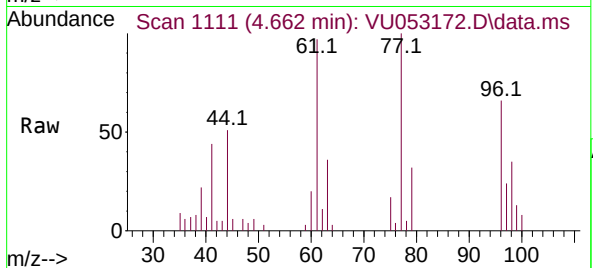
LOQ-WATER-02-QT1-2023

Tgt Ion: 77 Resp: 9906

Ion Ratio Lower Upper

77 100

97 22.0 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 0.906 ug/l

RT: 4.665 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

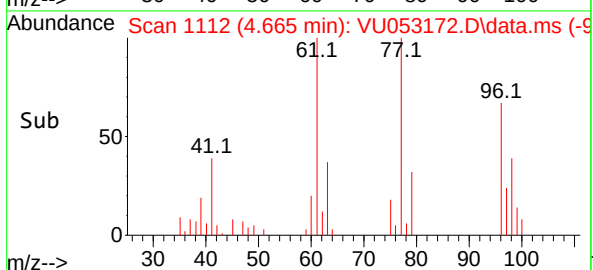
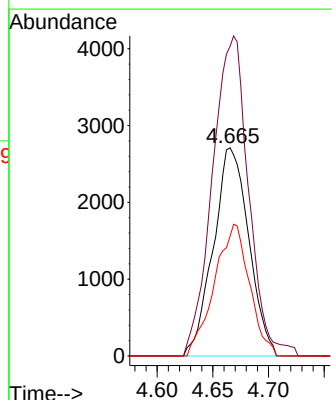
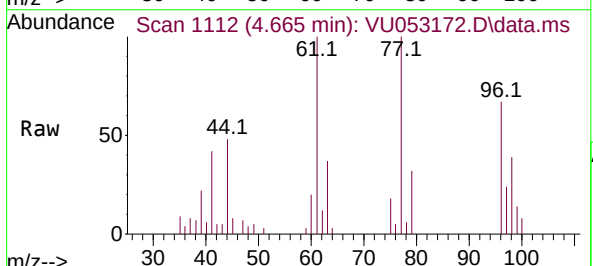
Tgt Ion: 96 Resp: 5999

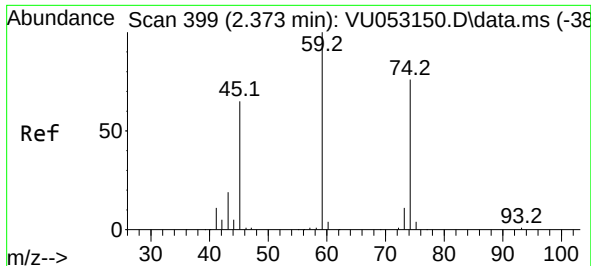
Ion Ratio Lower Upper

96 100

61 157.1 0.0 390.5

98 62.4 31.9 95.9





#23

Diethyl Ether

Concen: 0.911 ug/l

RT: 2.376 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

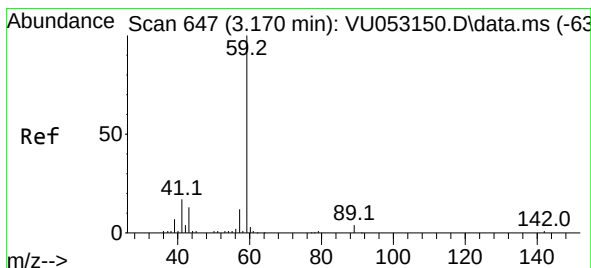
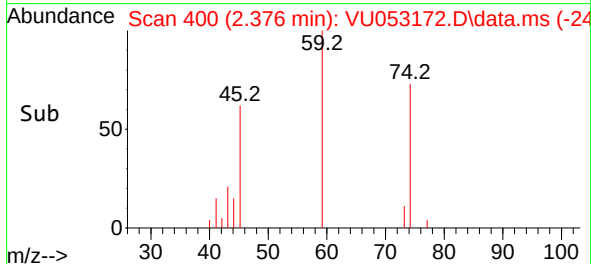
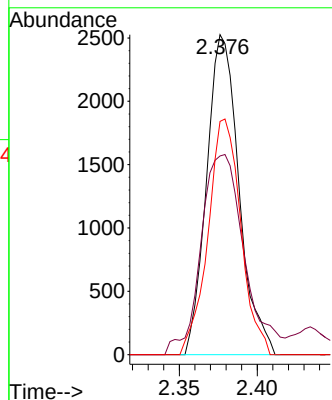
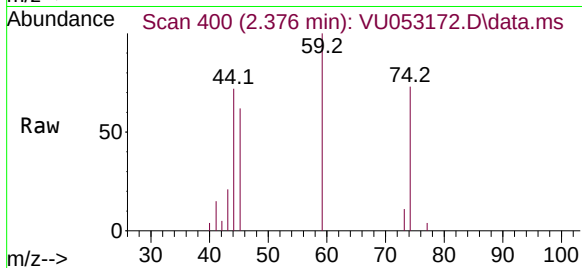
Tgt Ion: 59 Resp: 3638

Ion Ratio Lower Upper

59 100

45 84.1 54.2 81.2#

74 74.8 60.4 90.6



#24

tert-Butyl Alcohol

Concen: 0.808 ug/l

RT: 3.190 min Scan# 653

Delta R.T. 0.019 min

Lab File: VU053172.D

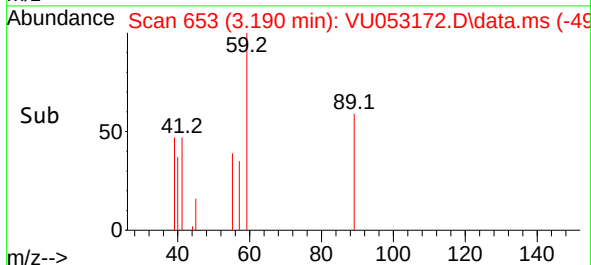
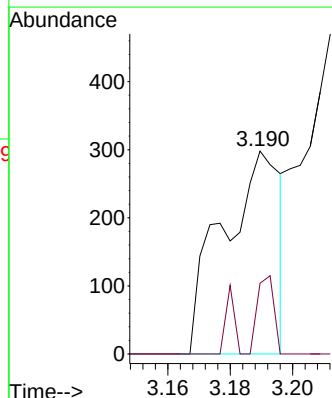
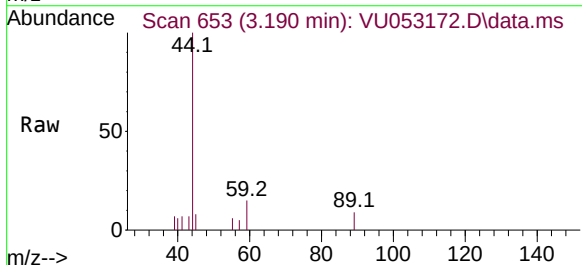
Acq: 28 Feb 2023 14:55

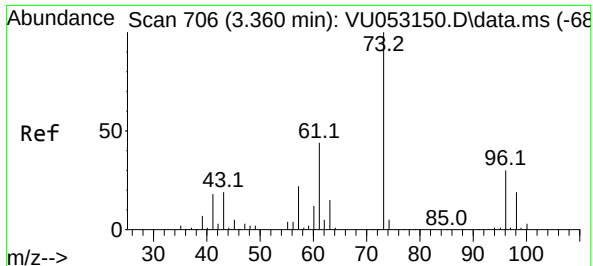
Tgt Ion: 59 Resp: 379

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#





#25

Methyl tert-Butyl Ether

Concen: 0.986 ug/l

RT: 3.366 min Scan# 706

Delta R.T. 0.006 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

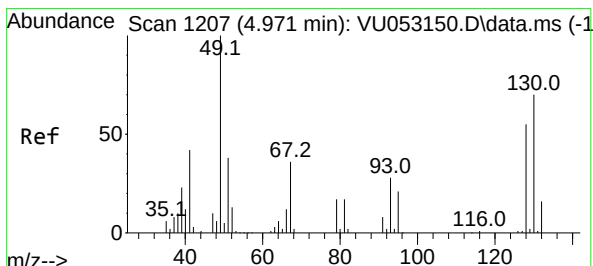
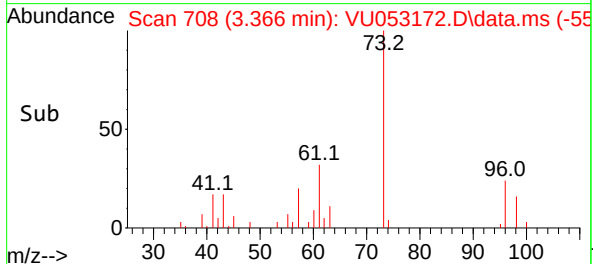
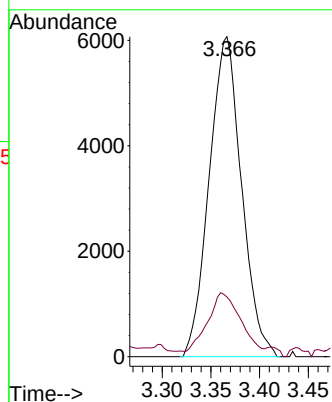
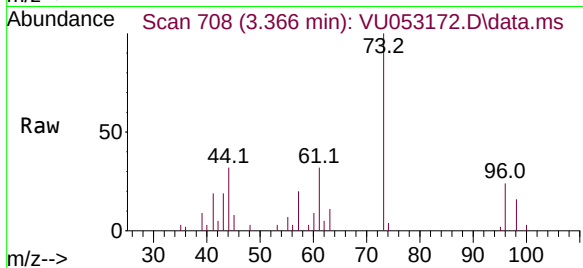
LOQ-WATER-02-QT1-2023

Tgt Ion: 73 Resp: 13992

Ion Ratio Lower Upper

73 100

43 18.0 15.0 22.6



#26

Bromochloromethane

Concen: 0.936 ug/l

RT: 4.971 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

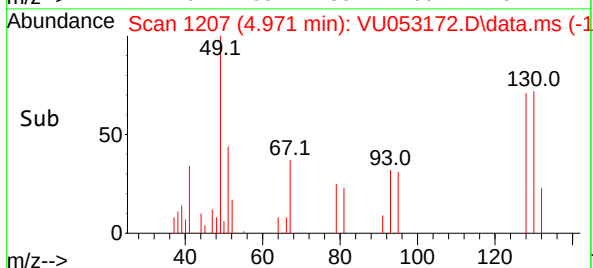
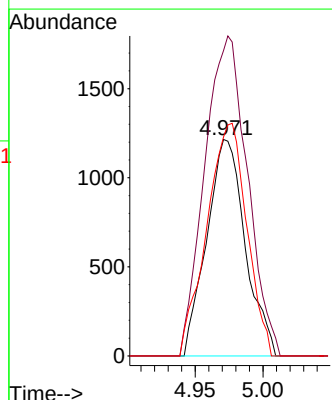
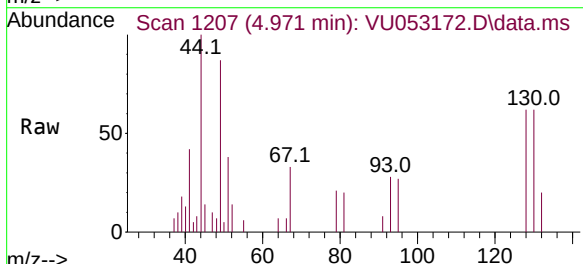
Tgt Ion: 128 Resp: 2395

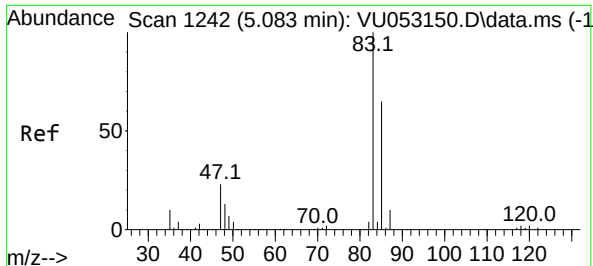
Ion Ratio Lower Upper

128 100

49 164.5 0.0 376.8

130 111.7 104.8 157.2





#27

Chloroform

Concen: 0.939 ug/l

RT: 5.087 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

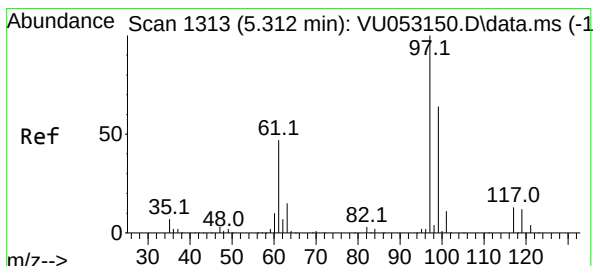
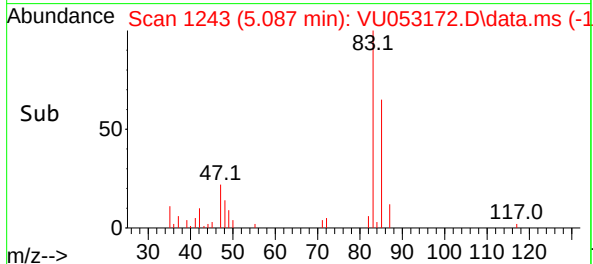
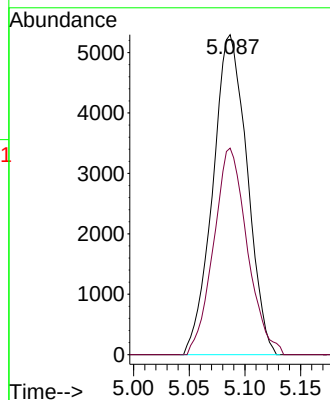
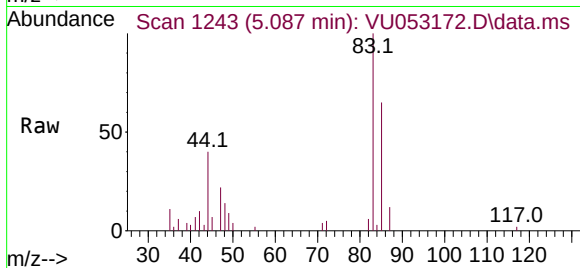
LOQ-WATER-02-QT1-2023

Tgt Ion: 83 Resp: 11348

Ion Ratio Lower Upper

83 100

85 64.5 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 0.854 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

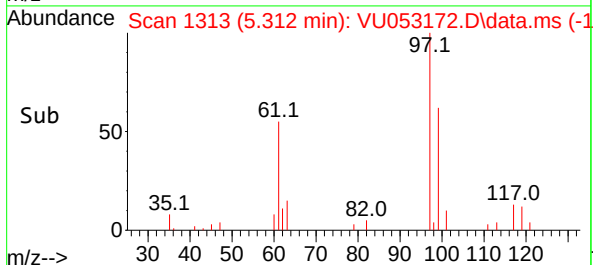
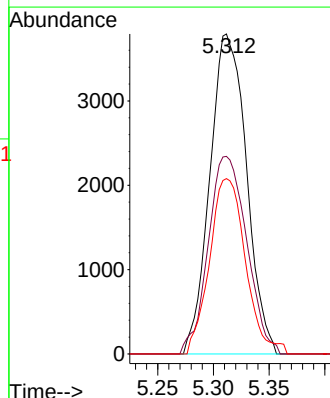
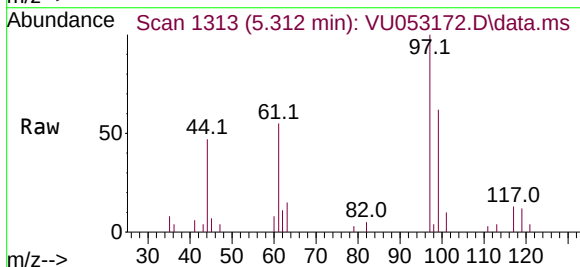
Tgt Ion: 97 Resp: 8674

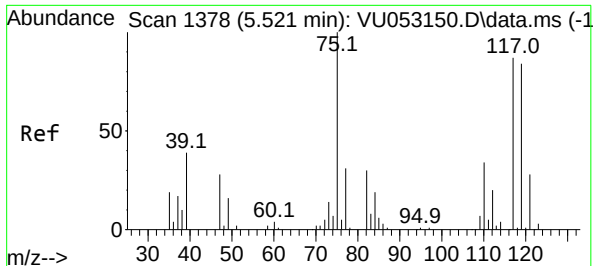
Ion Ratio Lower Upper

97 100

99 64.9 31.6 94.8

61 53.9 23.9 71.7





#29

1,1-Dichloropropene

Concen: 0.910 ug/l

RT: 5.521 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

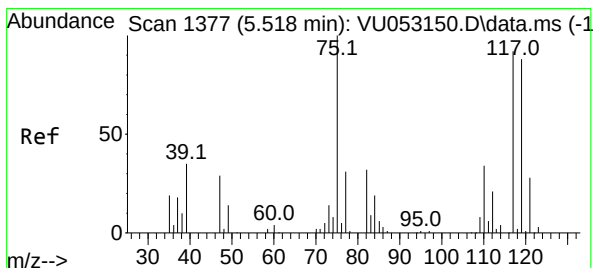
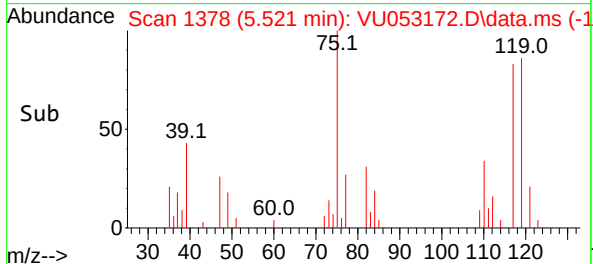
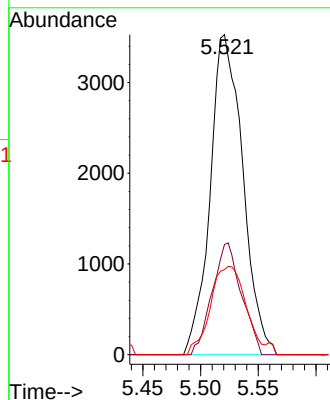
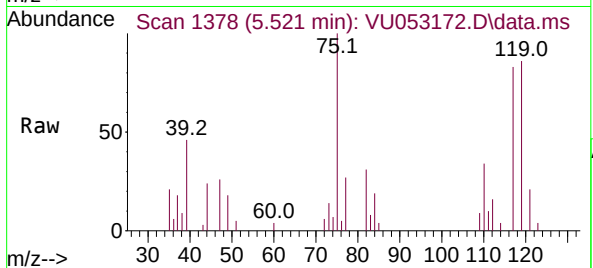
Tgt Ion: 75 Resp: 6929

Ion Ratio Lower Upper

75 100

110 31.3 16.3 48.8

77 30.7 24.9 37.3



#30

Carbon Tetrachloride

Concen: 0.898 ug/l

RT: 5.524 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

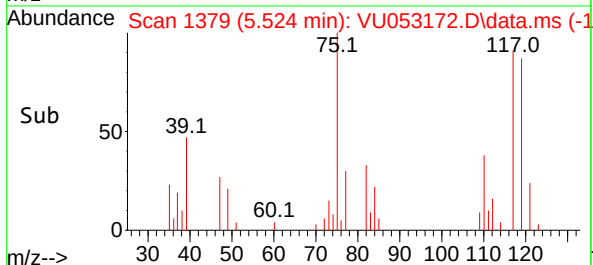
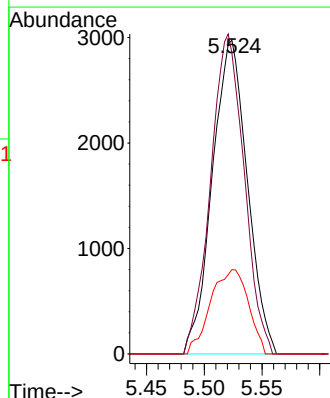
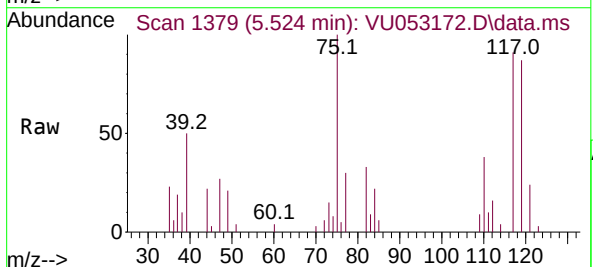
Tgt Ion: 117 Resp: 6276

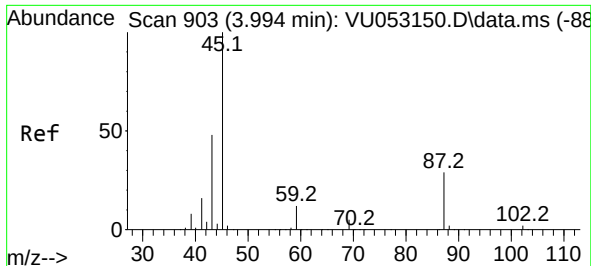
Ion Ratio Lower Upper

117 100

119 95.9 76.2 114.2

121 26.9 24.6 36.8

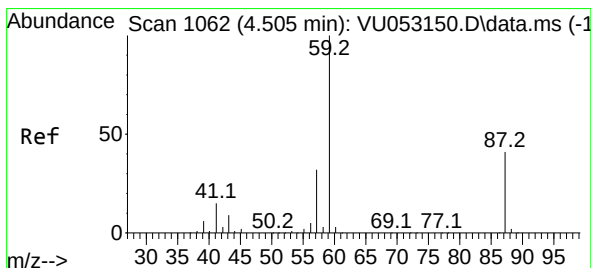
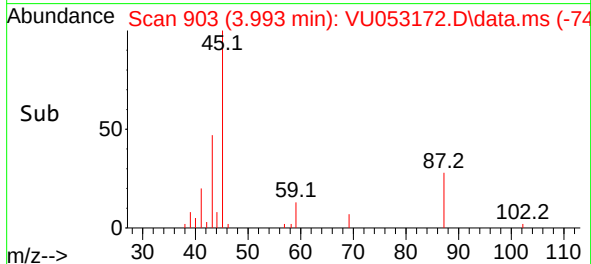
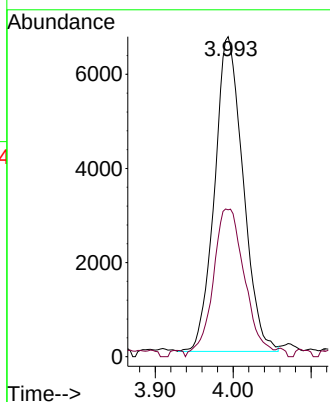
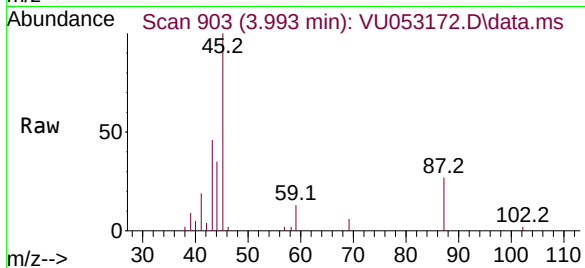




#31
Isopropyl Ether
Concen: 0.909 ug/l
RT: 3.993 min Scan# 903
Delta R.T. -0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

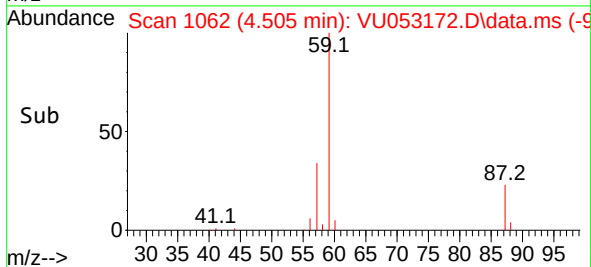
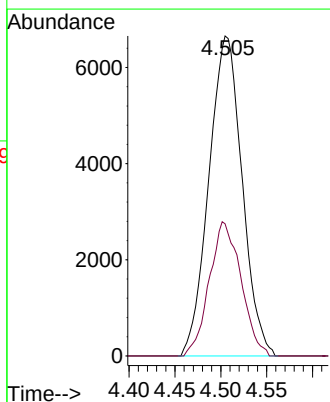
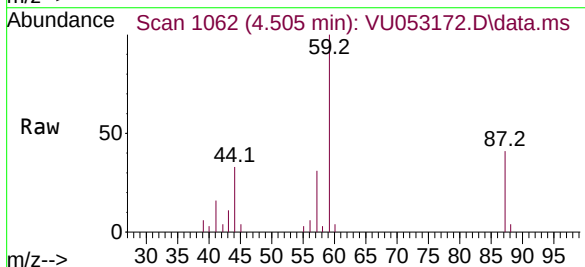
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

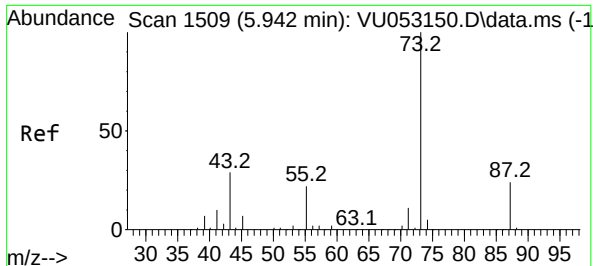
Tgt Ion: 45 Resp: 17005
Ion Ratio Lower Upper
45 100
43 52.1 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 0.945 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion: 59 Resp: 16763
Ion Ratio Lower Upper
59 100
87 40.0 32.5 48.7

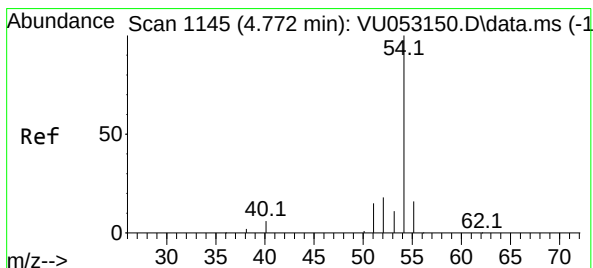
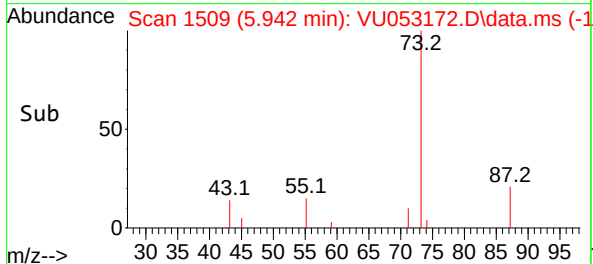
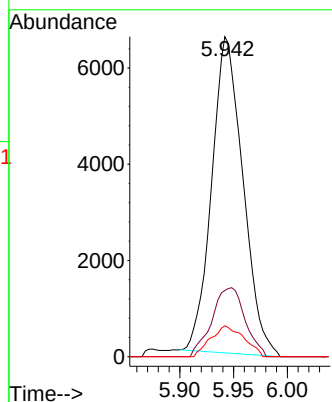
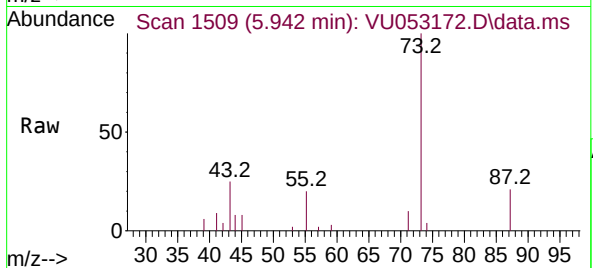




#33
Tert-Amyl methyl ether
Concen: 0.943 ug/l
RT: 5.942 min Scan# 1153
Delta R.T. -0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

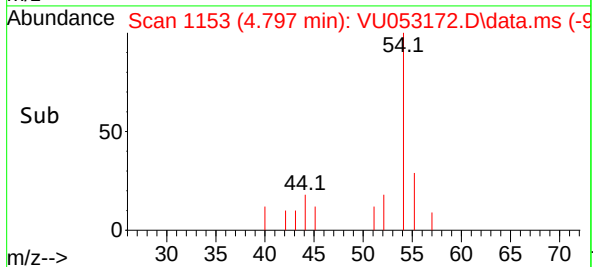
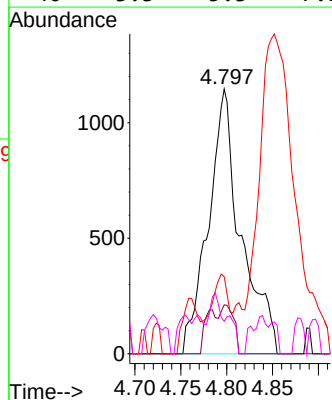
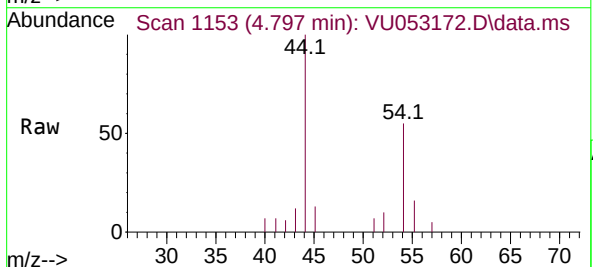
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

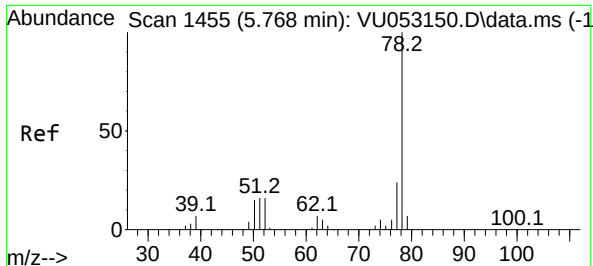
Tgt Ion: 73	Resp: 13271
Ion Ratio	Lower Upper
73 100	
87 23.1	19.0 28.4
71 10.4	9.2 13.8



#34
Propionitrile
Concen: 5.674 ug/l
RT: 4.797 min Scan# 1153
Delta R.T. 0.026 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt	Ion: 54	Resp:	2830
Ion	Ratio	Lower	Upper
54	100		
52	7.4	16.5	24.7#
55	16.6	11.4	17.2
40	3.3	5.3	7.9#





#35

Benzene

Concen: 0.952 ug/l

RT: 5.771 min Scan# 1455

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

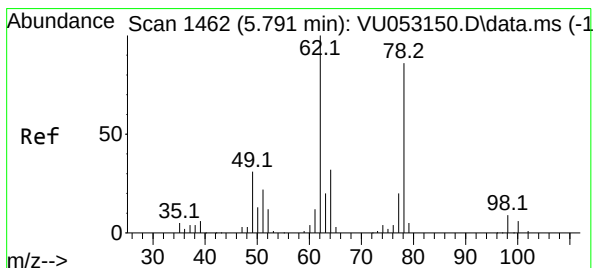
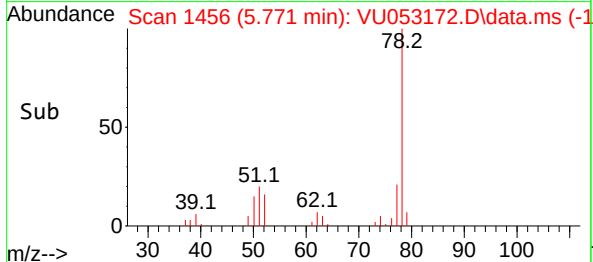
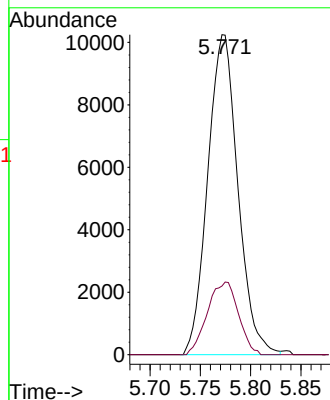
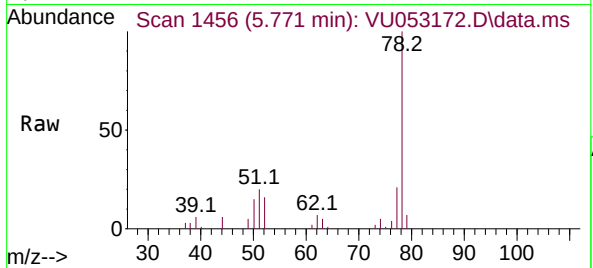
LOQ-WATER-02-QT1-2023

Tgt Ion: 78 Resp: 21373

Ion Ratio Lower Upper

78 100

77 21.5 18.9 28.3



#36

1,2-Dichloroethane

Concen: 0.885 ug/l

RT: 5.797 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VU053172.D

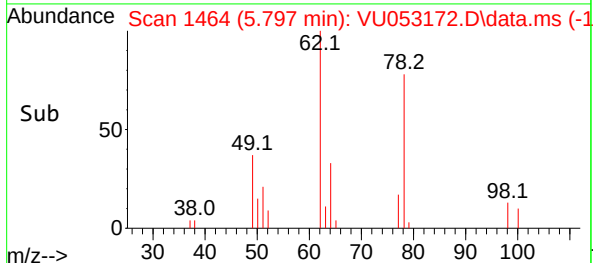
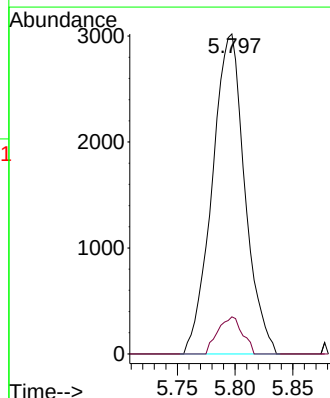
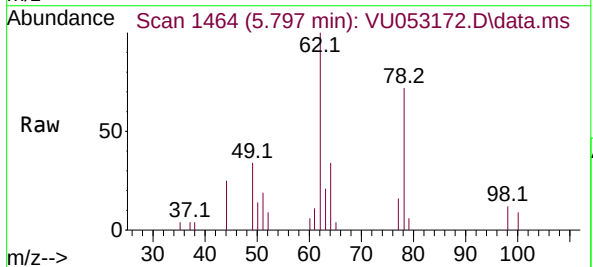
Acq: 28 Feb 2023 14:55

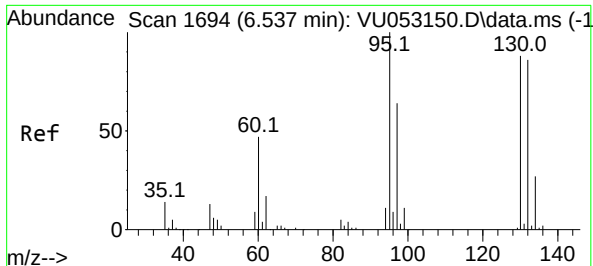
Tgt Ion: 62 Resp: 5944

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.4





#37

Trichloroethene

Concen: 0.976 ug/l

RT: 6.540 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

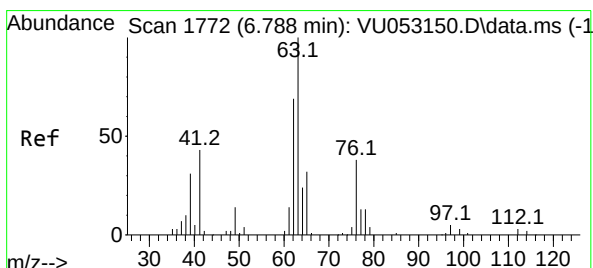
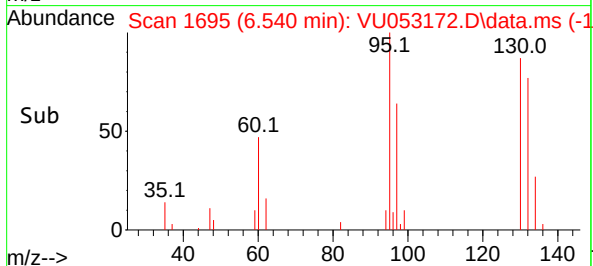
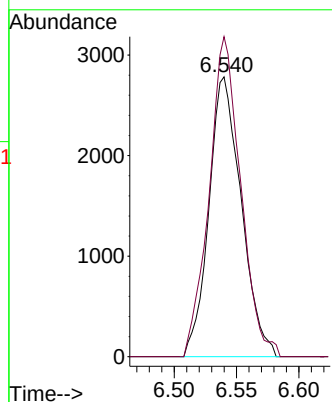
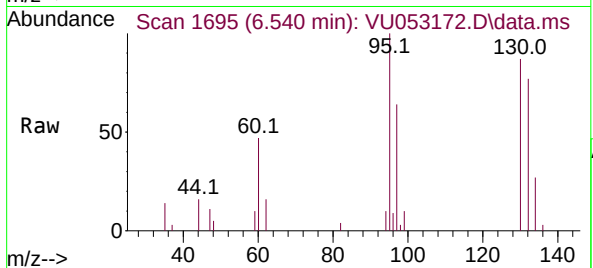
LOQ-WATER-02-QT1-2023

Tgt Ion:130 Resp: 5029

Ion Ratio Lower Upper

130 100

95 114.4 91.1 136.7



#38

1,2-Dichloropropane

Concen: 0.938 ug/l

RT: 6.791 min Scan# 1773

Delta R.T. 0.003 min

Lab File: VU053172.D

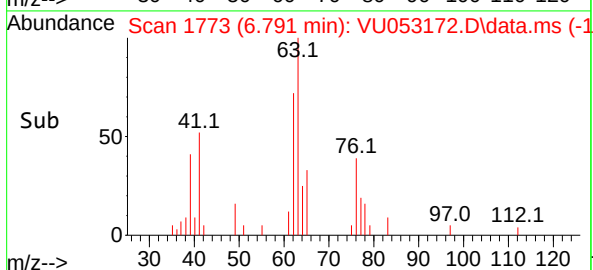
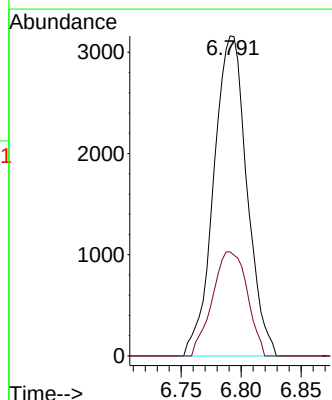
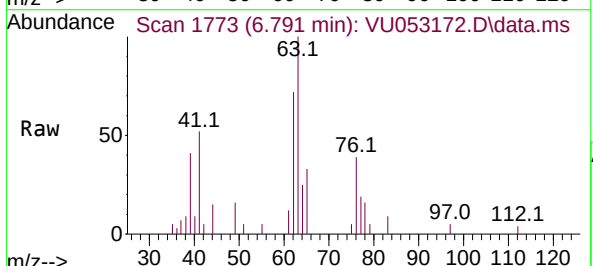
Acq: 28 Feb 2023 14:55

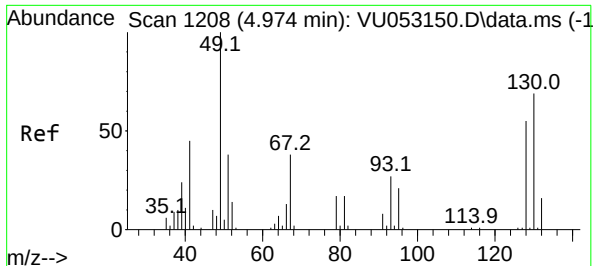
Tgt Ion: 63 Resp: 6091

Ion Ratio Lower Upper

63 100

65 32.5 25.5 38.3





#39

Methacrylonitrile

Concen: 1.091 ug/l

RT: 4.977 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VU053172.D

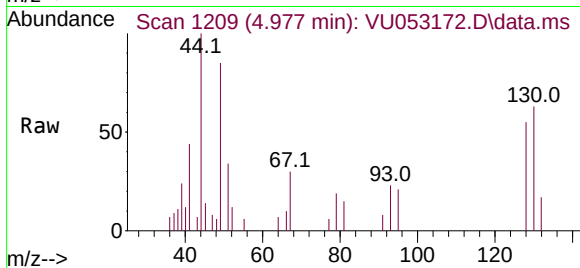
Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023



Tgt Ion: 41 Resp: 2322

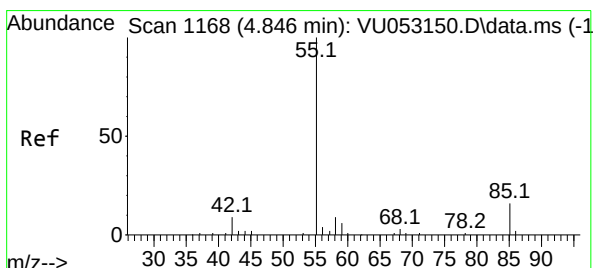
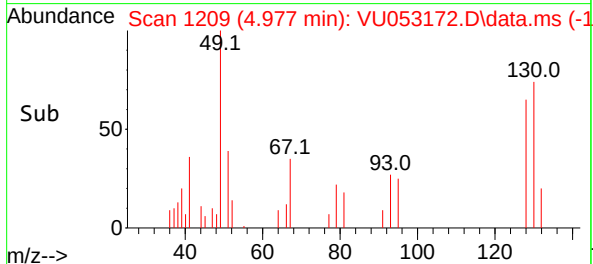
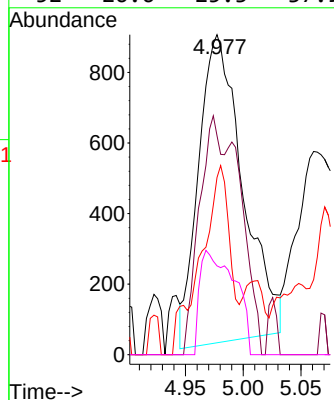
Ion Ratio Lower Upper

41 100

67 42.2 67.1 100.7#

39 41.3 42.6 64.0#

52 26.6 25.3 37.9



#40

Methyl acrylate

Concen: 1.138 ug/l

RT: 4.852 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Tgt Ion: 55 Resp: 3741

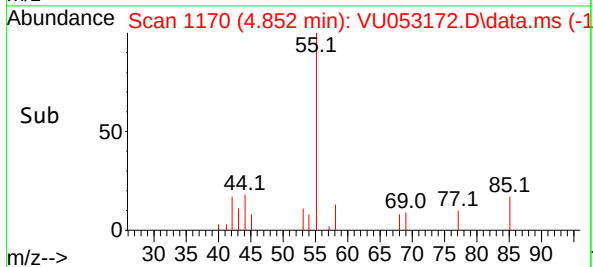
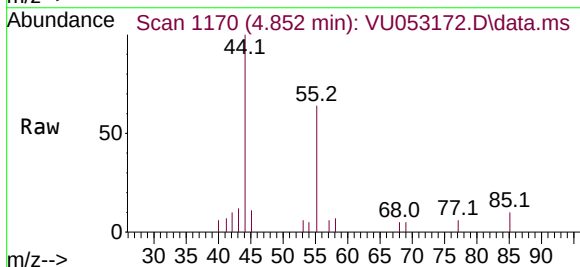
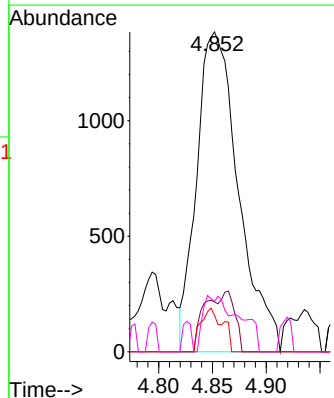
Ion Ratio Lower Upper

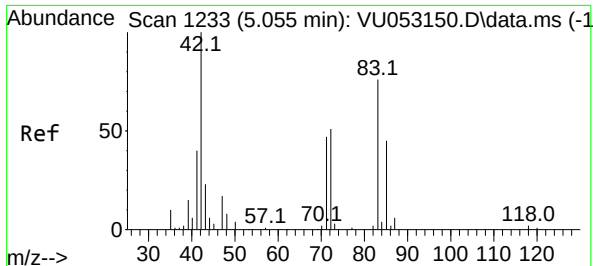
55 100

85 7.0 13.5 20.3#

58 7.2 7.3 10.9#

42 15.3 6.9 10.3#





#41

Tetrahydrofuran

Concen: 2.312 ug/l

RT: 5.064 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

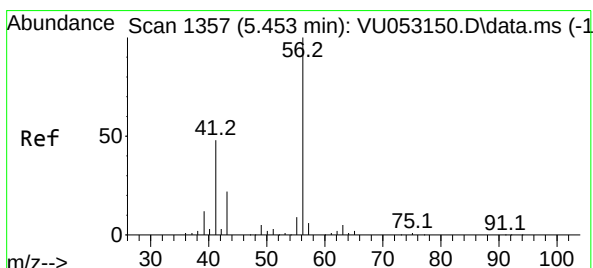
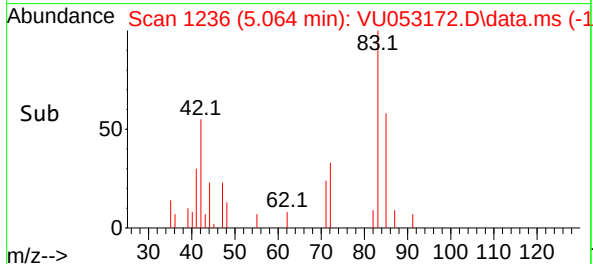
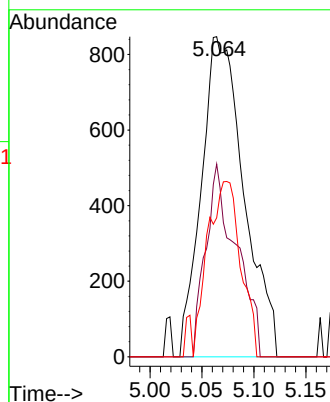
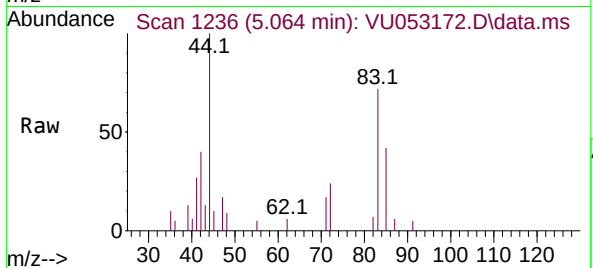
Tgt Ion: 42 Resp: 2412

Ion Ratio Lower Upper

42 100

72 43.0 41.6 62.4

71 42.4 37.9 56.9



#42

1-Chlorobutane

Concen: 0.915 ug/l

RT: 5.453 min Scan# 1357

Delta R.T. -0.000 min

Lab File: VU053172.D

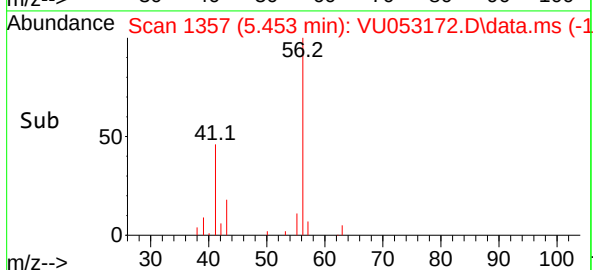
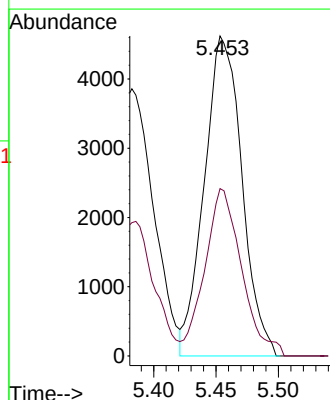
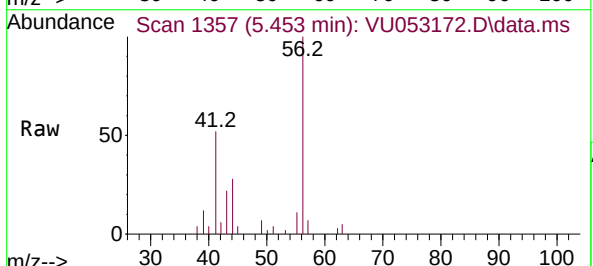
Acq: 28 Feb 2023 14:55

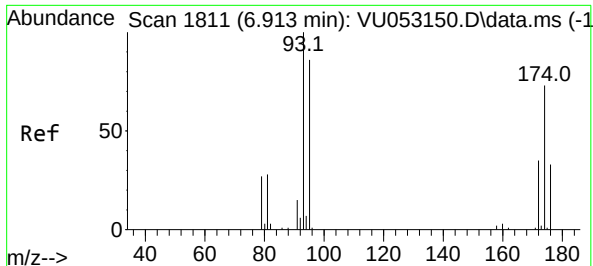
Tgt Ion: 56 Resp: 9692

Ion Ratio Lower Upper

56 100

41 51.3 23.7 71.1





#43

Dibromomethane

Concen: 0.939 ug/l

RT: 6.919 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

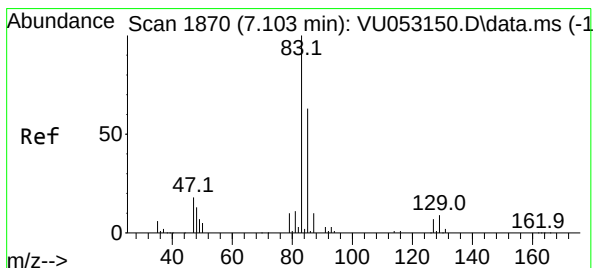
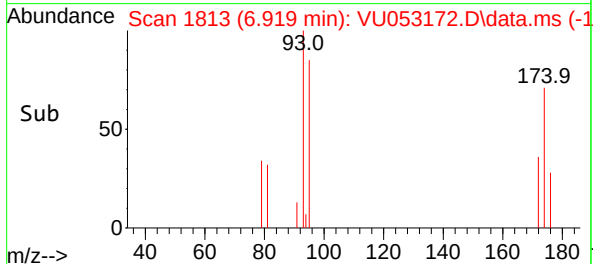
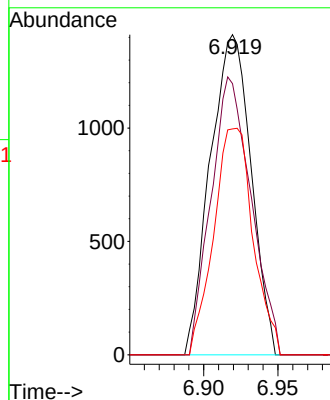
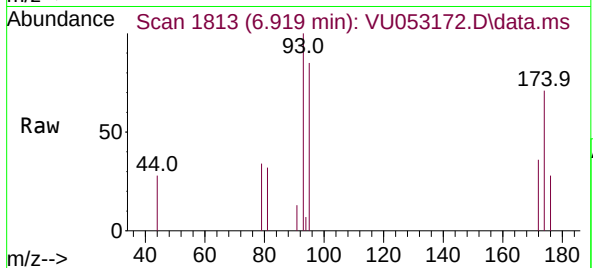
Tgt Ion: 93 Resp: 2703

Ion Ratio Lower Upper

93 100

95 85.2 66.5 99.7

174 68.2 58.2 87.4



#44

Bromodichloromethane

Concen: 0.929 ug/l

RT: 7.106 min Scan# 1871

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

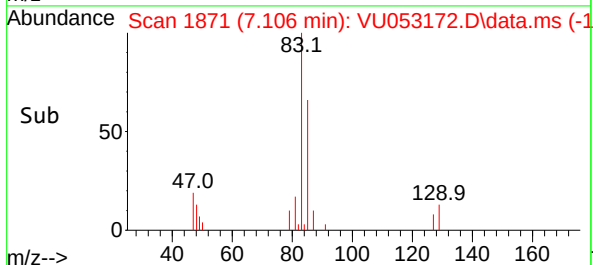
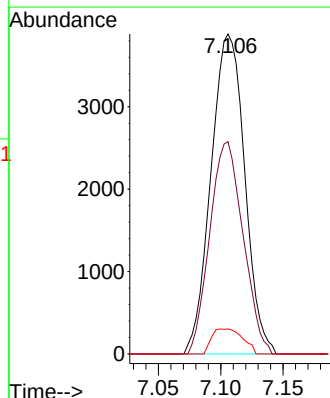
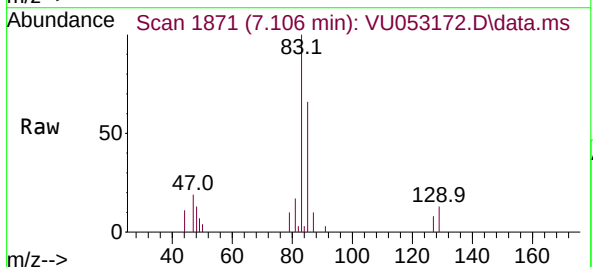
Tgt Ion: 83 Resp: 7319

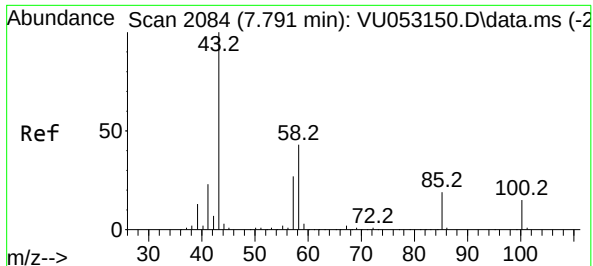
Ion Ratio Lower Upper

83 100

85 66.3 50.6 75.8

127 7.8 5.8 8.8





#45

4-Methyl-2-Pentanone

Concen: 4.943 ug/l

RT: 7.797 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

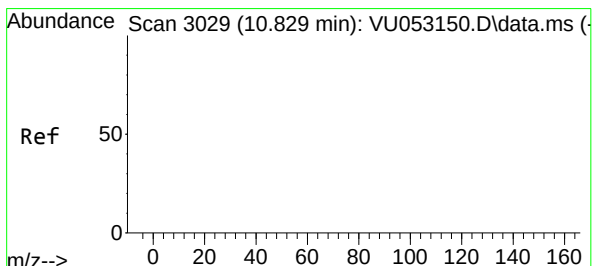
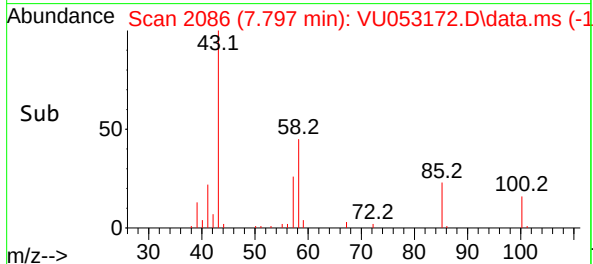
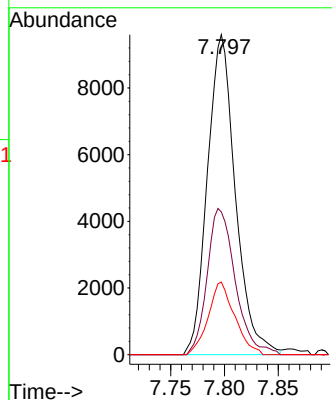
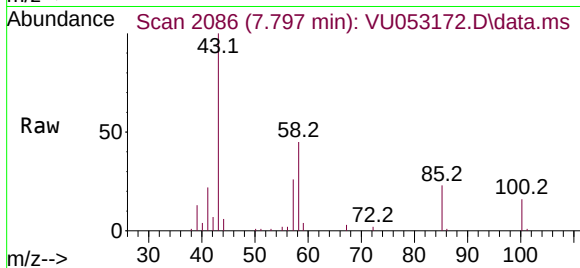
Tgt Ion: 43 Resp: 17373

Ion Ratio Lower Upper

43 100

58 45.9 22.0 66.0

85 21.5 15.7 23.5



#46

t-1,4-Dichloro-2-butene

Concen: 3.907 ug/l

RT: 10.823 min Scan# 3027

Delta R.T. -0.007 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Tgt Ion: 75 Resp: 6920

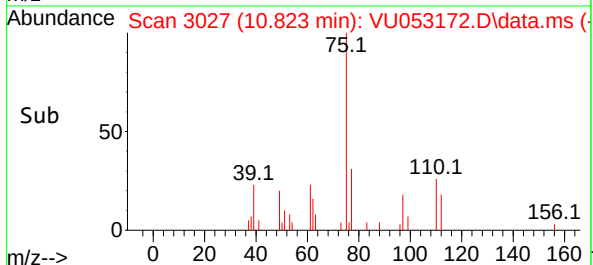
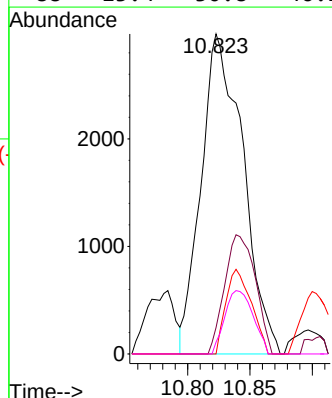
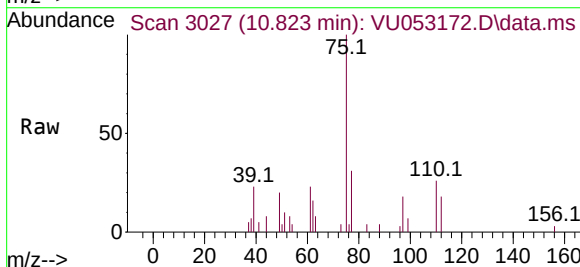
Ion Ratio Lower Upper

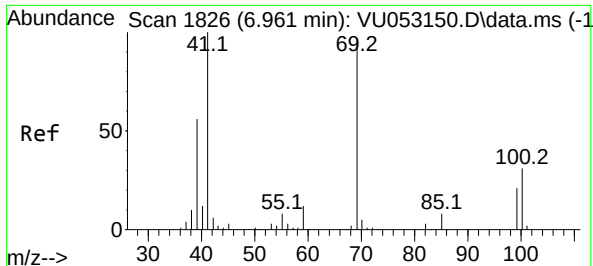
75 100

53 27.5 57.0 85.4#

89 16.2 43.1 64.7#

88 13.4 30.8 46.2#





#47

Methyl methacrylate

Concen: 2.040 ug/l

RT: 6.968 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 69 Resp: 6043

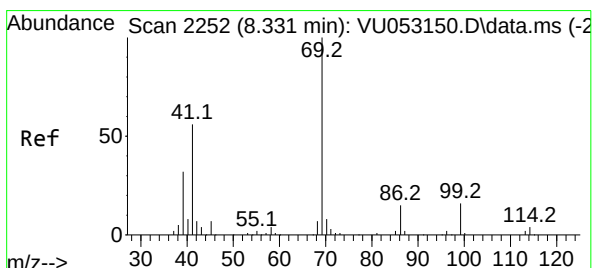
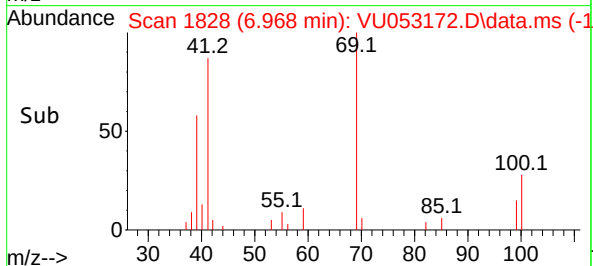
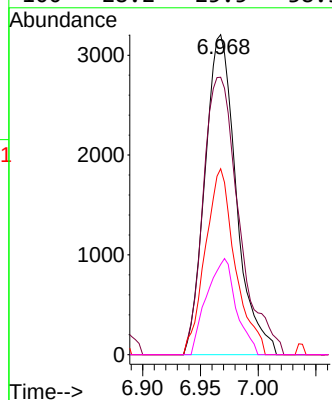
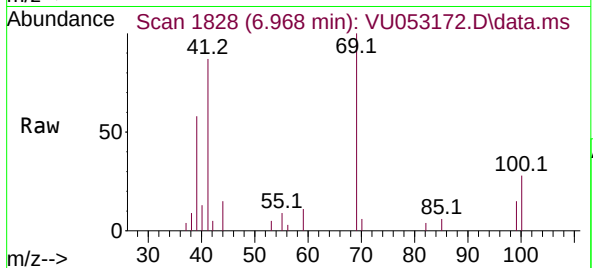
Ion Ratio Lower Upper

69 100

41 98.7 0.0 201.0

39 55.6 47.1 70.7

100 28.2 25.5 38.3



#48

Ethyl methacrylate

Concen: 0.963 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.003 min

Lab File: VU053172.D

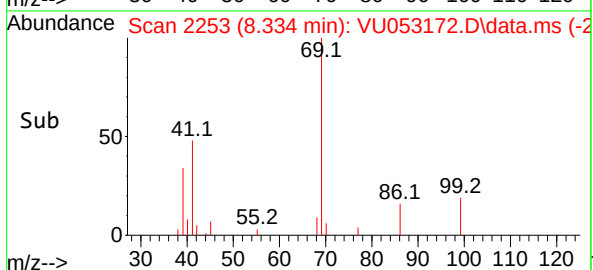
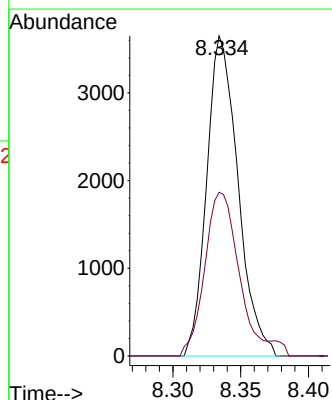
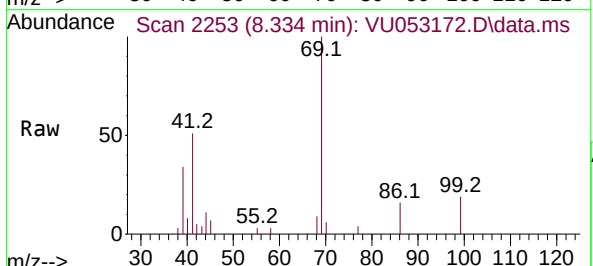
Acq: 28 Feb 2023 14:55

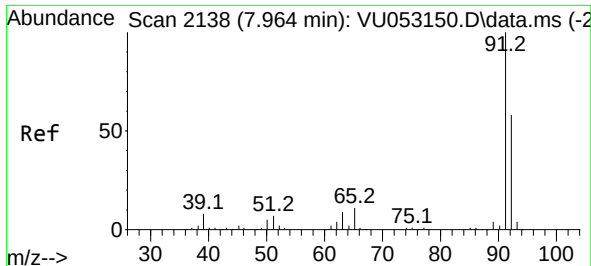
Tgt Ion: 69 Resp: 5854

Ion Ratio Lower Upper

69 100

41 57.3 28.2 84.6





#49

Toluene

Concen: 1.003 ug/l

RT: 7.968 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

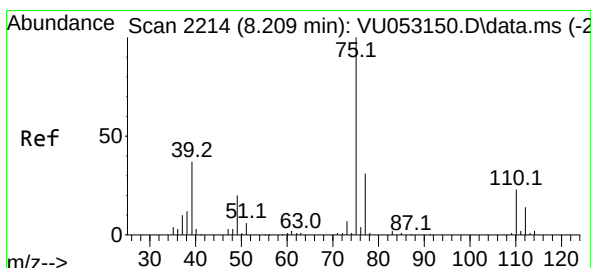
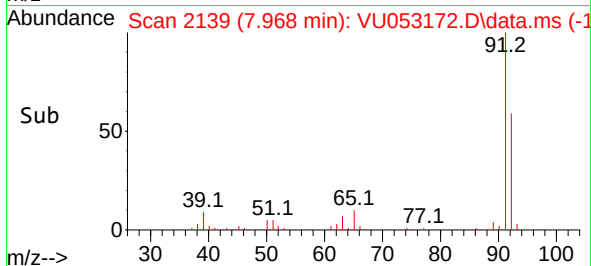
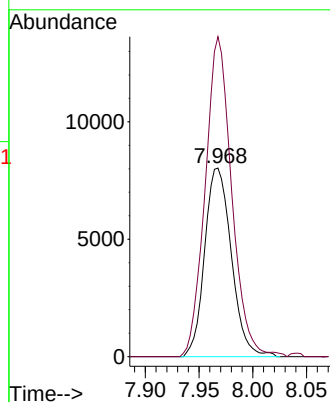
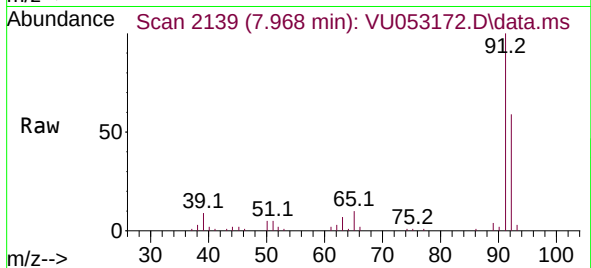
LOQ-WATER-02-QT1-2023

Tgt Ion: 92 Resp: 13866

Ion Ratio Lower Upper

92 100

91 168.5 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 0.910 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. -0.000 min

Lab File: VU053172.D

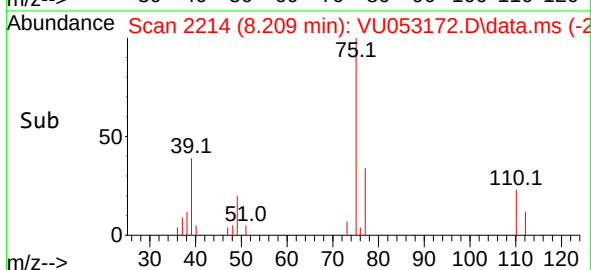
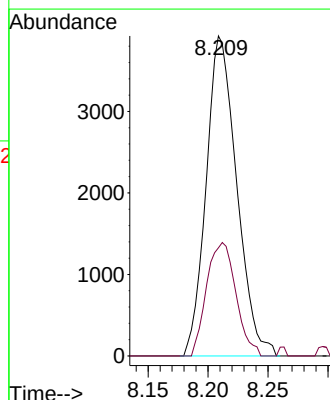
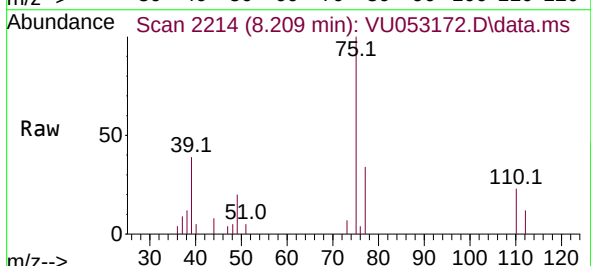
Acq: 28 Feb 2023 14:55

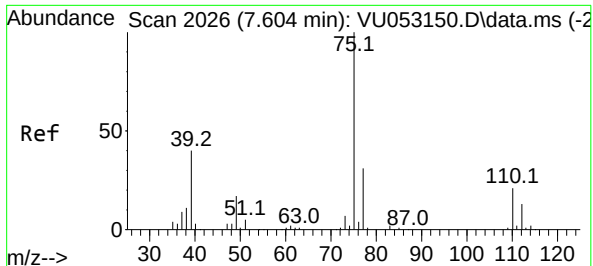
Tgt Ion: 75 Resp: 6958

Ion Ratio Lower Upper

75 100

77 33.8 25.1 37.7





#51

cis-1,3-Dichloropropene

Concen: 0.943 ug/l

RT: 7.607 min Scan# 2026

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

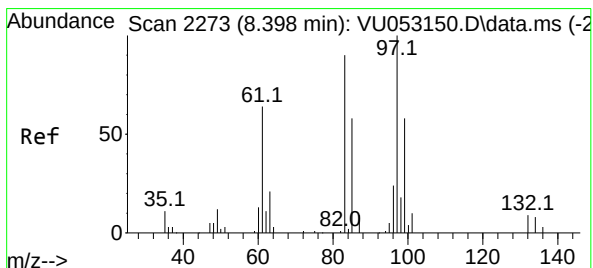
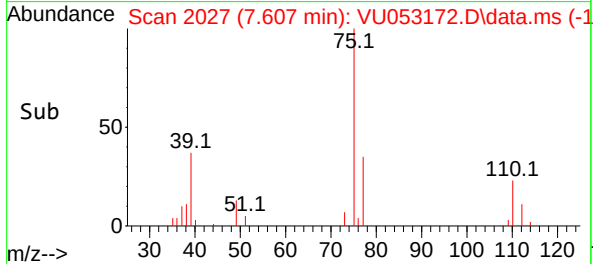
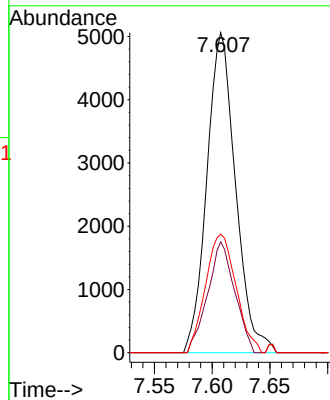
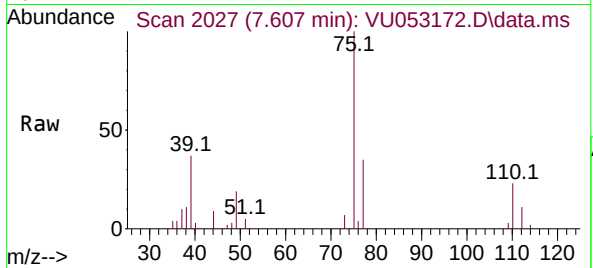
Tgt Ion: 75 Resp: 8739

Ion Ratio Lower Upper

75 100

77 34.7 24.9 37.3

39 37.0 32.2 48.2



#52

1,1,2-Trichloroethane

Concen: 1.004 ug/l

RT: 8.398 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Tgt Ion: 97 Resp: 4247

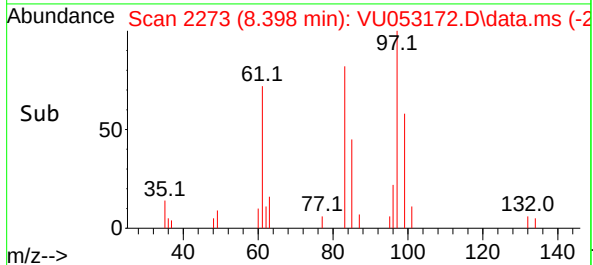
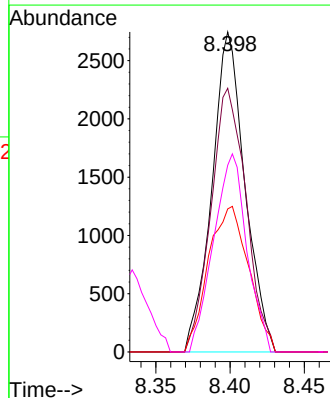
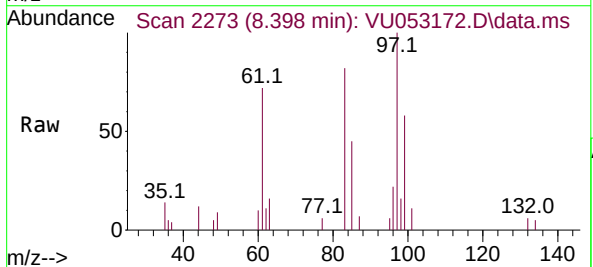
Ion Ratio Lower Upper

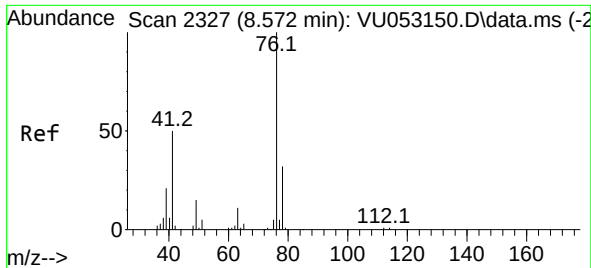
97 100

83 82.4 71.9 107.9

85 44.7 46.5 69.7#

99 58.4 49.5 74.3





#53

1,3-Dichloropropane

Concen: 1.017 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

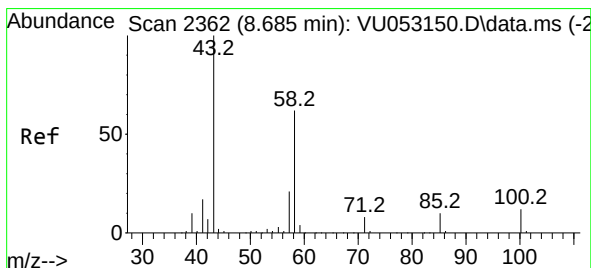
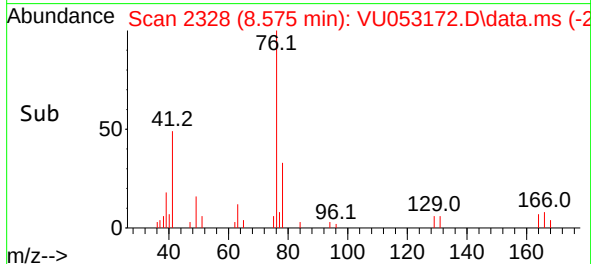
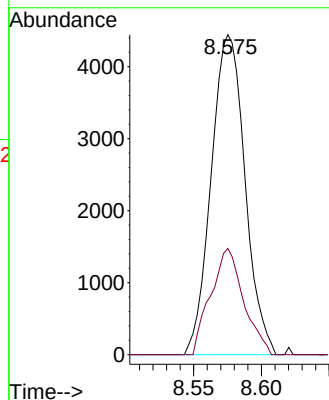
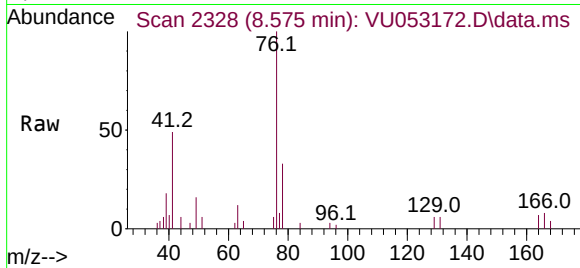
LOQ-WATER-02-QT1-2023

Tgt Ion: 76 Resp: 7706

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#54

2-Hexanone

Concen: 4.373 ug/l

RT: 8.688 min Scan# 2363

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

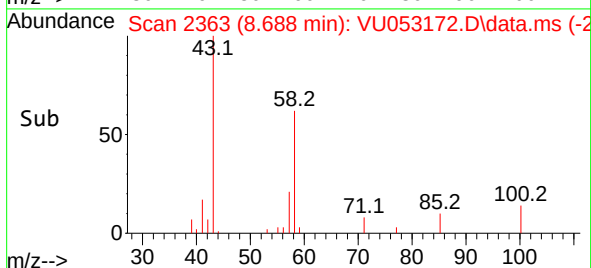
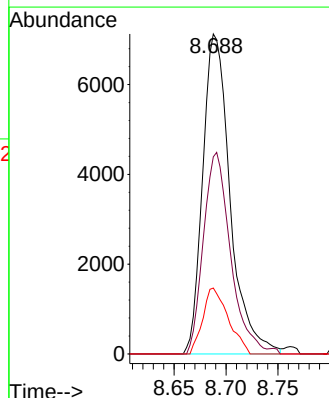
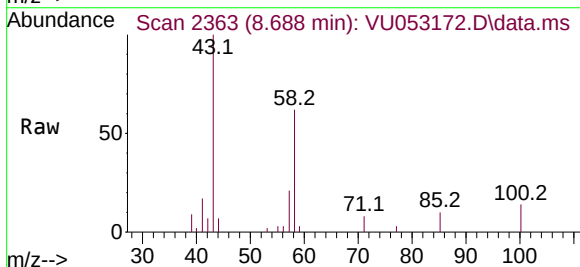
Tgt Ion: 43 Resp: 13096

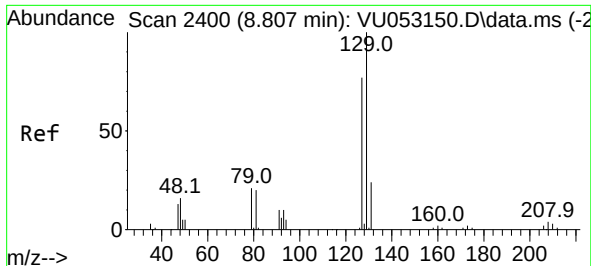
Ion Ratio Lower Upper

43 100

58 62.5 42.0 82.0

57 19.1 1.2 41.2

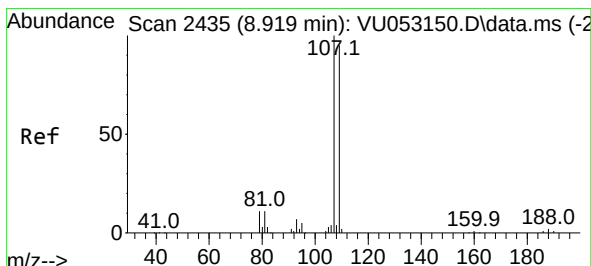
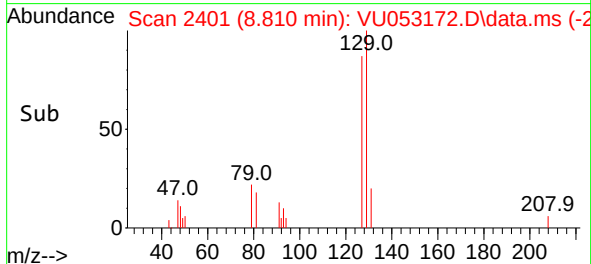
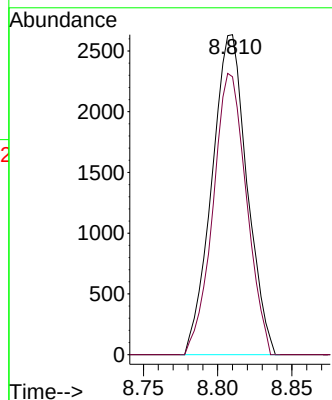
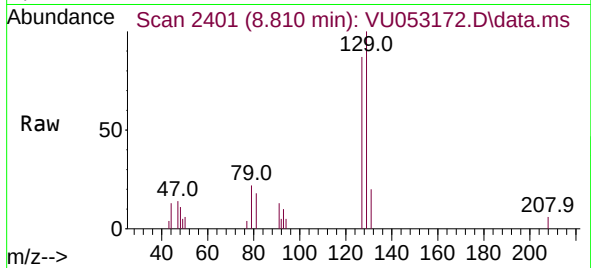




#55
Dibromochloromethane
Concen: 0.902 ug/l
RT: 8.810 min Scan# 2401
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

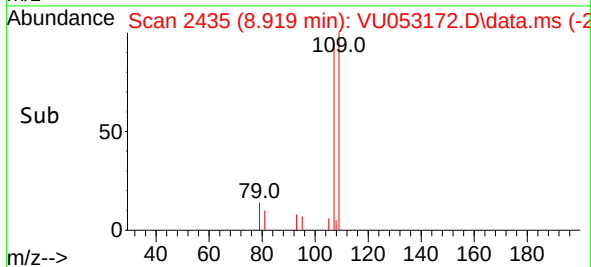
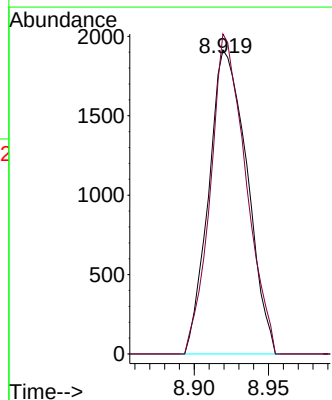
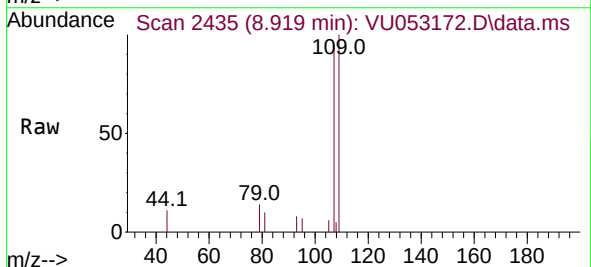
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

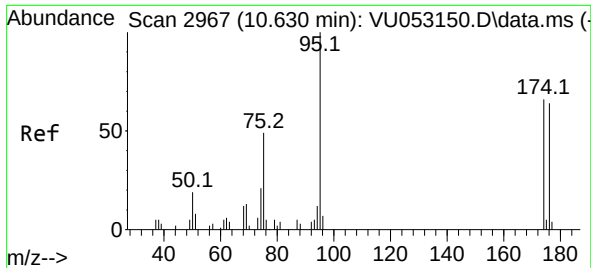
Tgt Ion:129 Resp: 4350
Ion Ratio Lower Upper
129 100
127 83.2 61.1 91.7



#56
1,2-Dibromoethane
Concen: 0.913 ug/l
RT: 8.919 min Scan# 2435
Delta R.T. -0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion:107 Resp: 3428
Ion Ratio Lower Upper
107 100
109 97.4 0.0 186.2

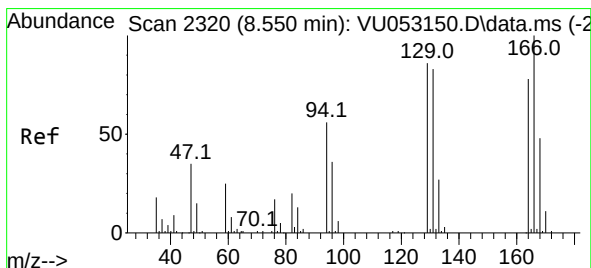
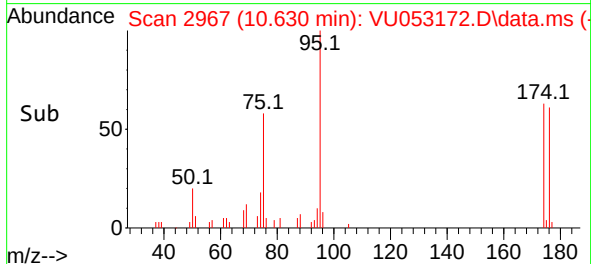
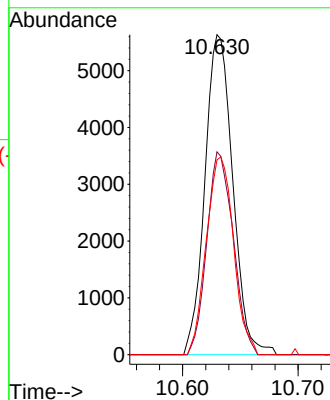
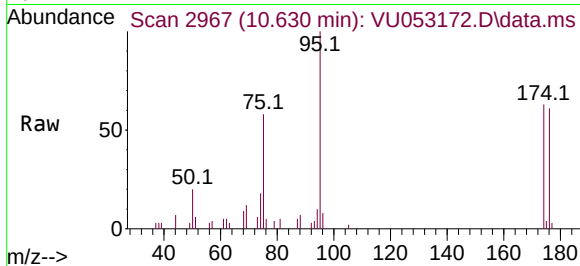




#57
4-Bromofluorobenzene
Concen: 0.999 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

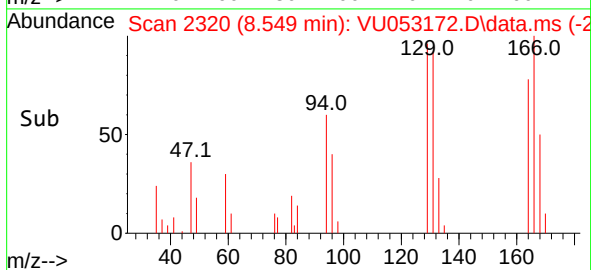
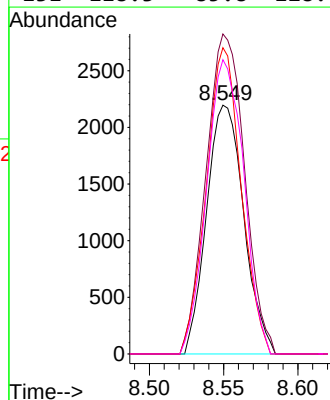
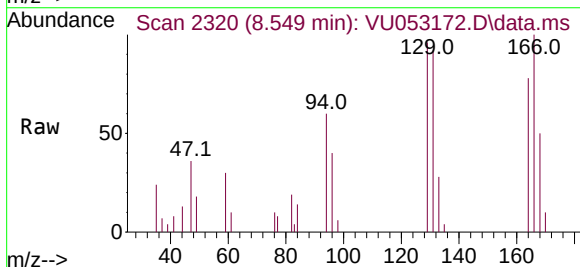
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

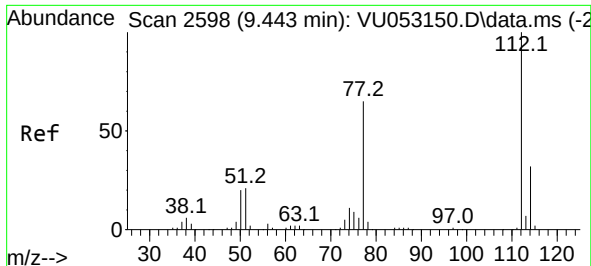
Tgt Ion: 95 Resp: 9446
Ion Ratio Lower Upper
95 100
174 60.0 50.7 76.1
176 60.4 47.8 71.6



#58
Tetrachloroethene
Concen: 0.931 ug/l
RT: 8.549 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion:164 Resp: 3826
Ion Ratio Lower Upper
164 100
166 128.6 103.2 154.8
129 123.0 88.8 133.2
131 118.3 85.8 128.6





#59

Chlorobenzene

Concen: 0.995 ug/l

RT: 9.447 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

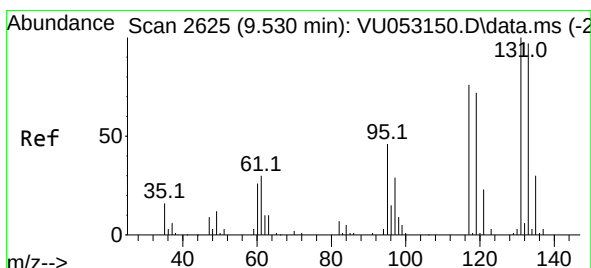
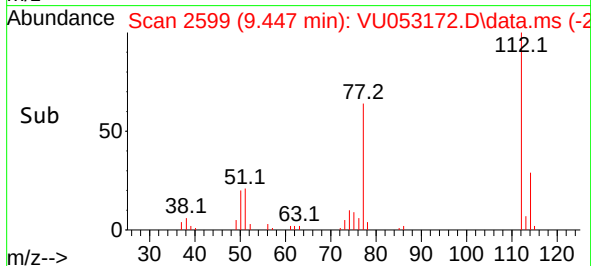
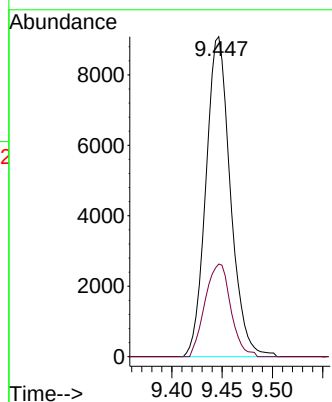
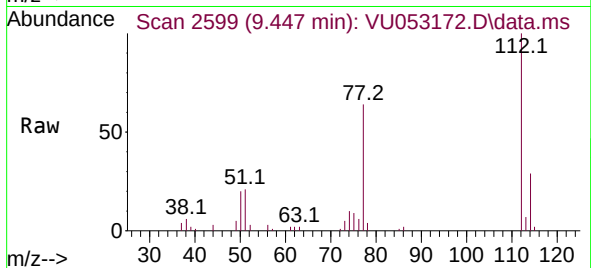
LOQ-WATER-02-QT1-2023

Tgt Ion:112 Resp: 15385

Ion Ratio Lower Upper

112 100

114 28.9 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.957 ug/l

RT: 9.533 min Scan# 2626

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

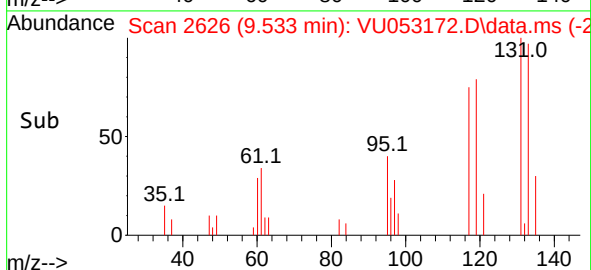
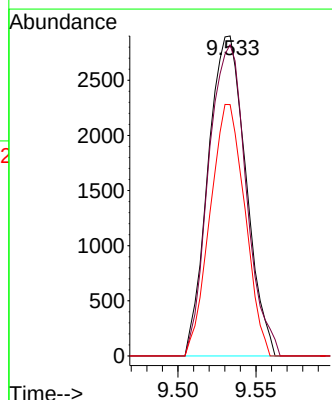
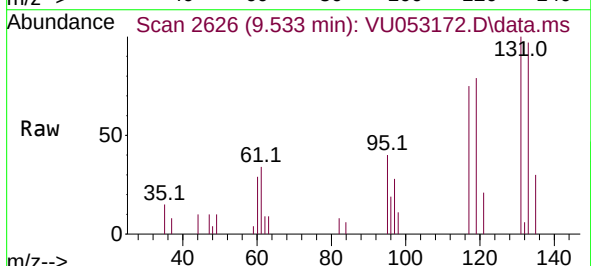
Tgt Ion:131 Resp: 4888

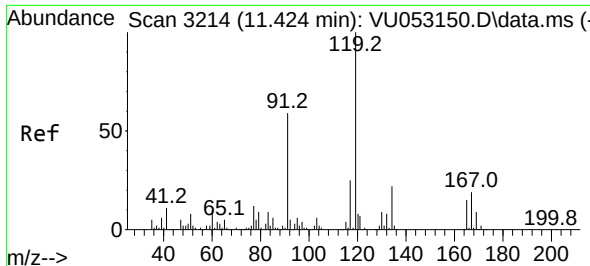
Ion Ratio Lower Upper

131 100

133 96.7 76.7 115.1

119 72.4 57.6 86.4

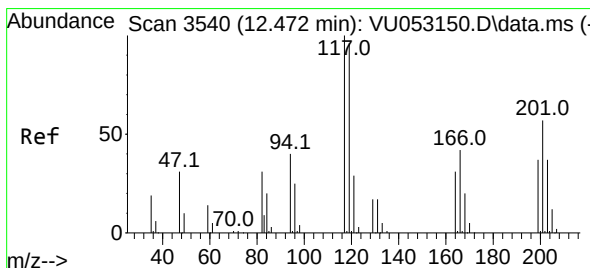
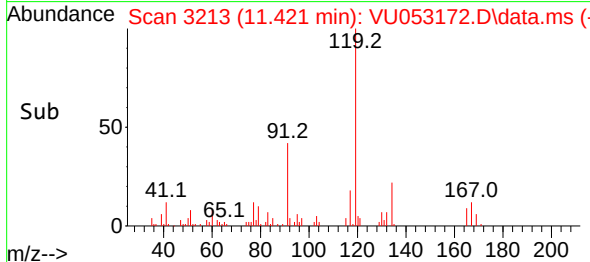
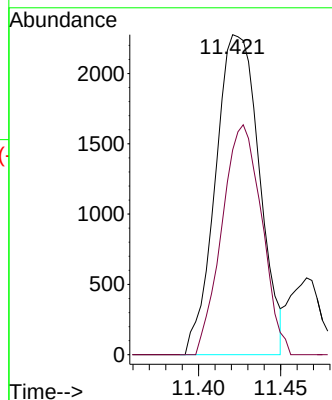
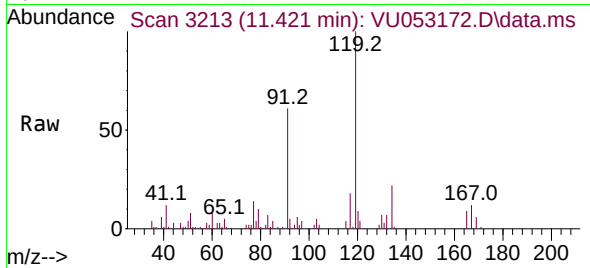




#61
 Pentachloroethane
 Concen: 0.952 ug/l
 RT: 11.421 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VU053172.D
 Acq: 28 Feb 2023 14:55

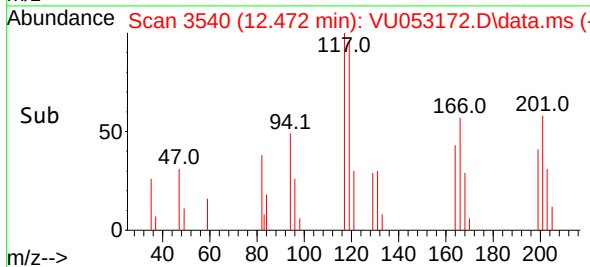
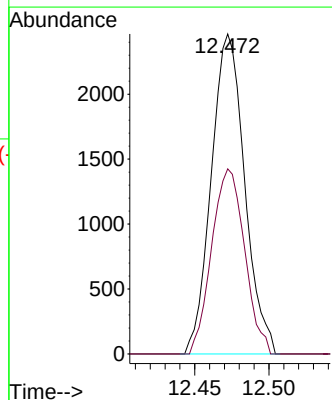
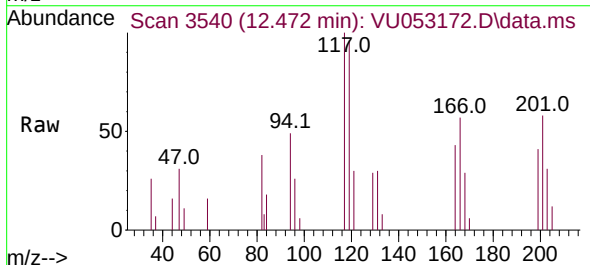
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

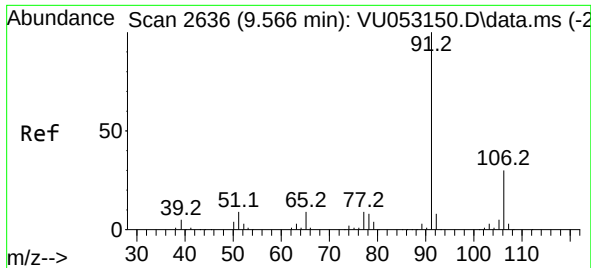
Tgt Ion:117 Resp: 4227
 Ion Ratio Lower Upper
 117 100
 167 65.1 57.5 86.3



#62
 Hexachloroethane
 Concen: 0.787 ug/l
 RT: 12.472 min Scan# 3540
 Delta R.T. -0.000 min
 Lab File: VU053172.D
 Acq: 28 Feb 2023 14:55

Tgt Ion:117 Resp: 3849
 Ion Ratio Lower Upper
 117 100
 201 57.1 46.7 70.1

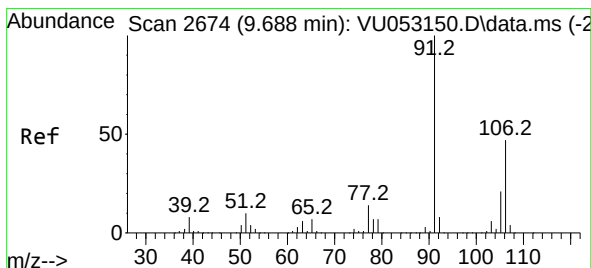
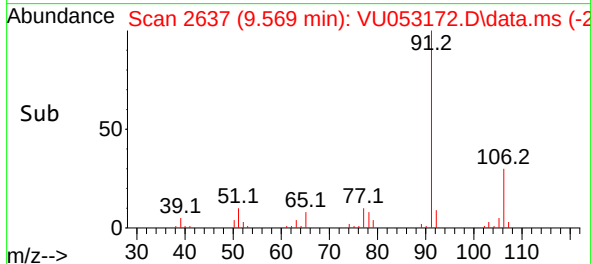
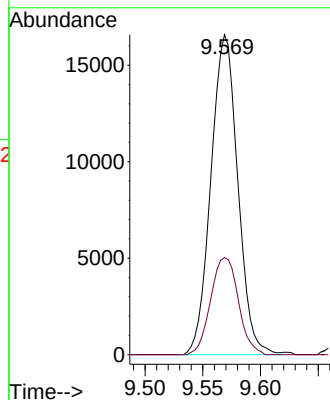
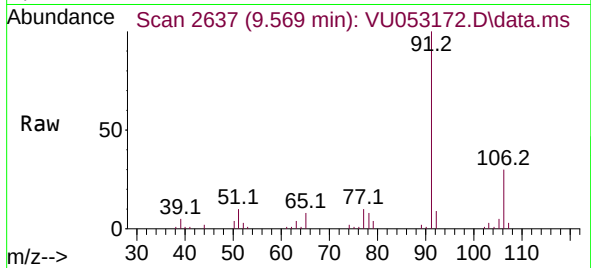




#63
Ethyl Benzene
Concen: 0.940 ug/l
RT: 9.569 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

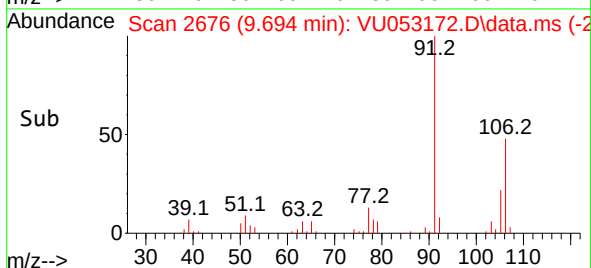
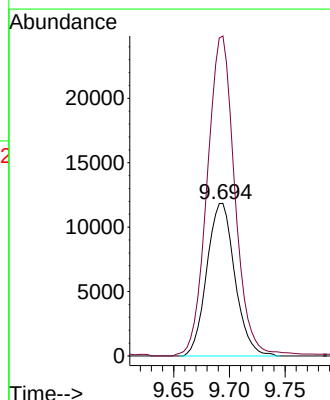
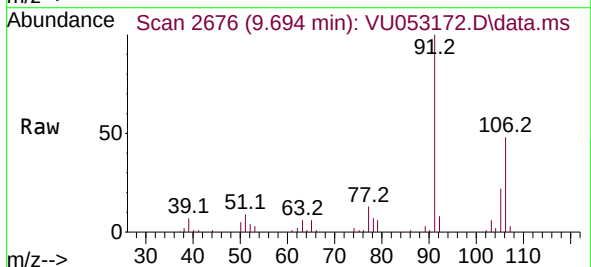
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

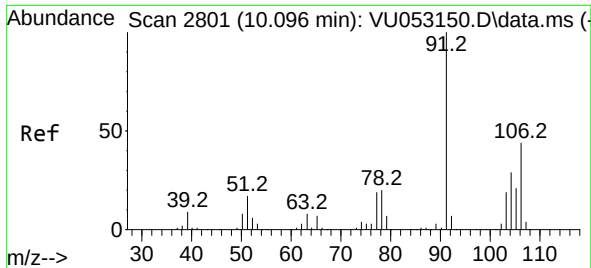
Tgt Ion: 91 Resp: 26831
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0



#64
m/p-Xylenes
Concen: 2.003 ug/l
RT: 9.694 min Scan# 2676
Delta R.T. 0.006 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion:106 Resp: 20738
Ion Ratio Lower Upper
106 100
91 208.3 170.7 256.1

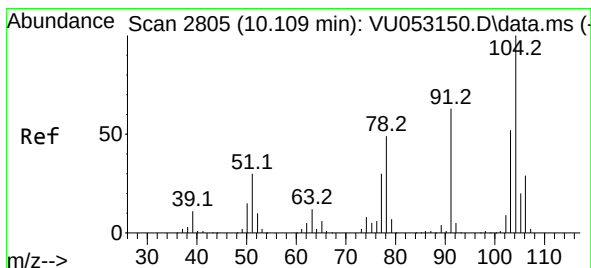
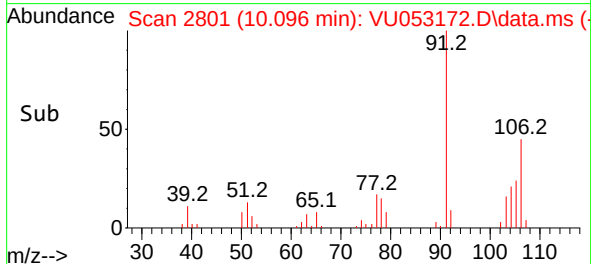
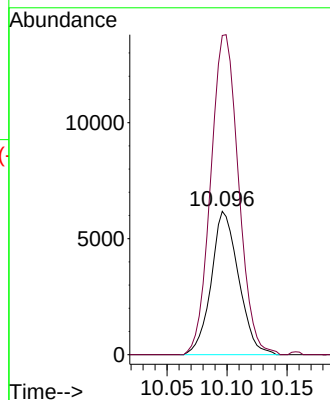
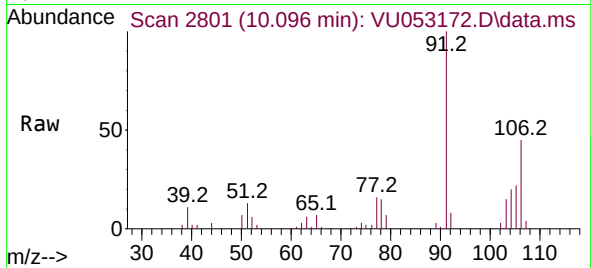




#65
o-Xylene
Concen: 0.929 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

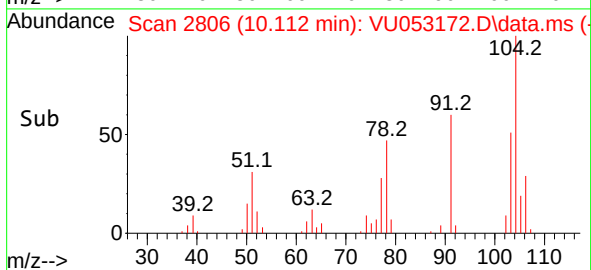
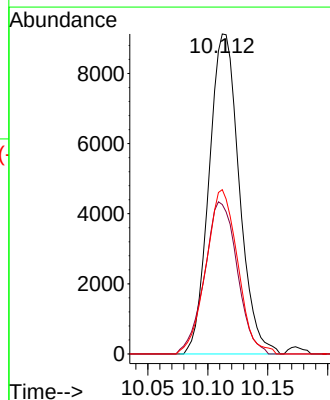
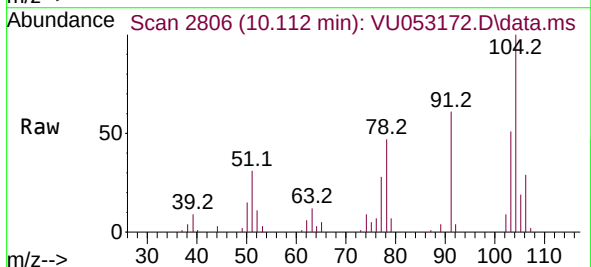
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2023

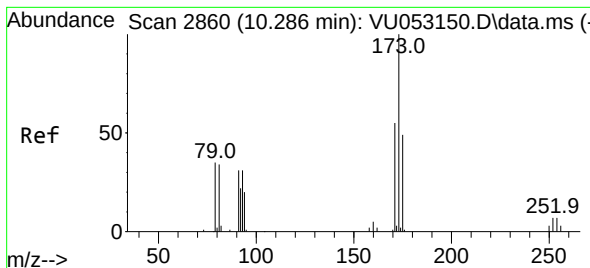
Tgt Ion:106 Resp: 9816
Ion Ratio Lower Upper
106 100
91 226.7 112.8 338.4



#66
Styrene
Concen: 0.953 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion:104 Resp: 15971
Ion Ratio Lower Upper
104 100
78 51.2 43.3 64.9
103 53.8 45.2 67.8





#67

Bromoform

Concen: 0.824 ug/l

RT: 10.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

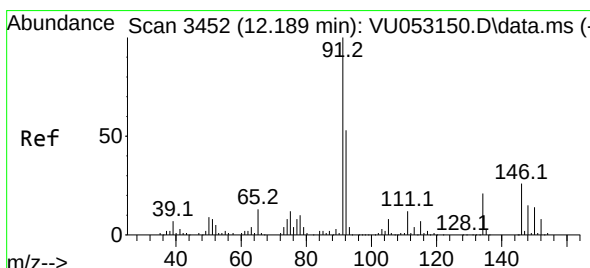
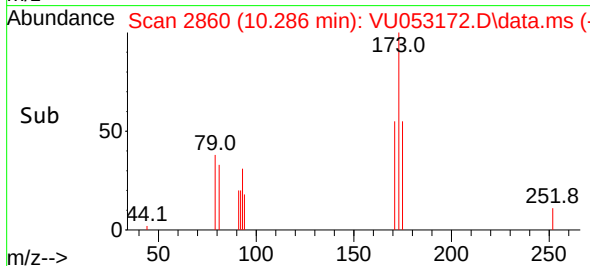
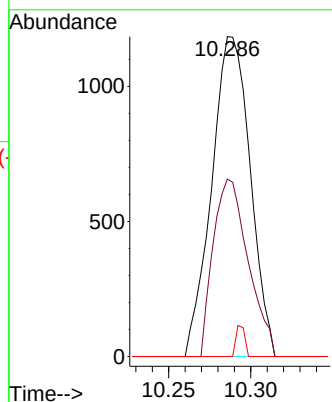
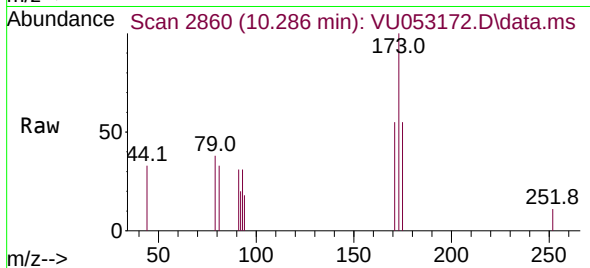
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:	173	Resp:	1934
Ion	Ratio	Lower	Upper
173	100		
175	50.3	38.7	58.1
254	2.2	5.8	8.8#



#68

1,2-Dichlorobenzene-d4

Concen: 1.030 ug/l

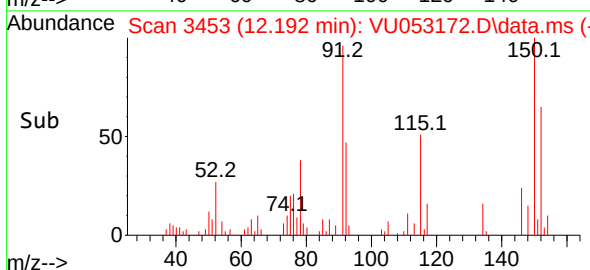
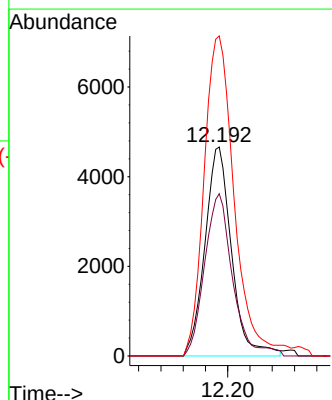
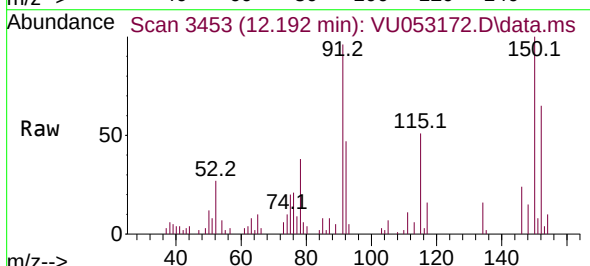
RT: 12.192 min Scan# 3453

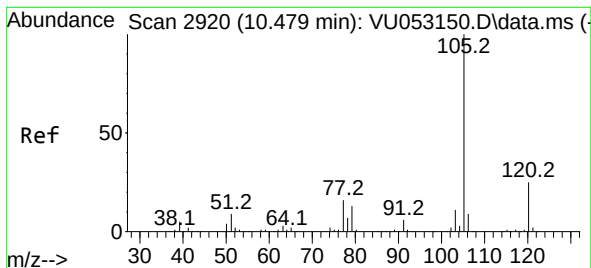
Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Tgt Ion:	152	Resp:	7720
Ion	Ratio	Lower	Upper
152	100		
115	81.7	0.0	267.8
150	173.9	0.0	623.0





#69

Isopropylbenzene

Concen: 0.986 ug/l

RT: 10.482 min Scan# 2920

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

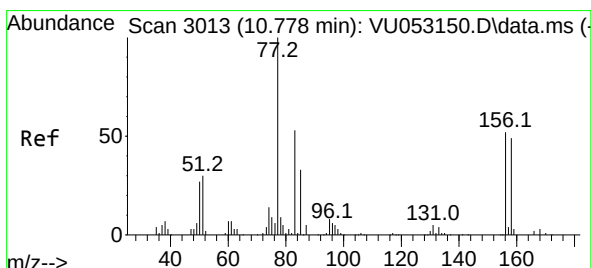
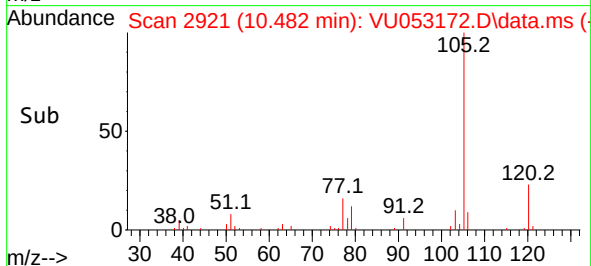
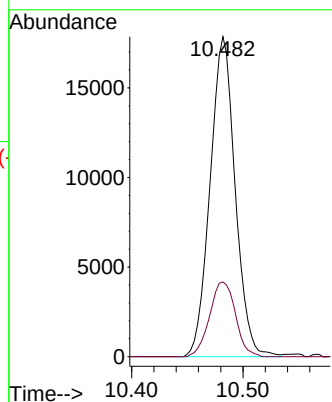
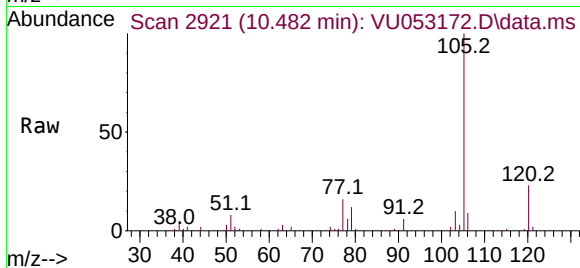
LOQ-WATER-02-QT1-2023

Tgt Ion:105 Resp: 27923

Ion Ratio Lower Upper

105 100

120 24.1 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.034 ug/l

RT: 10.778 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

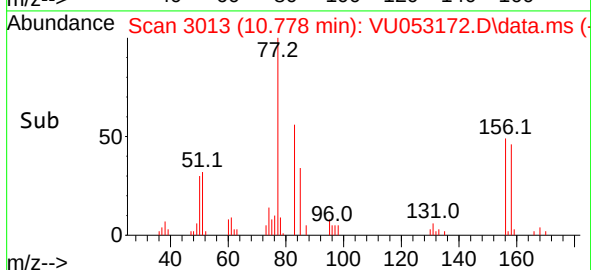
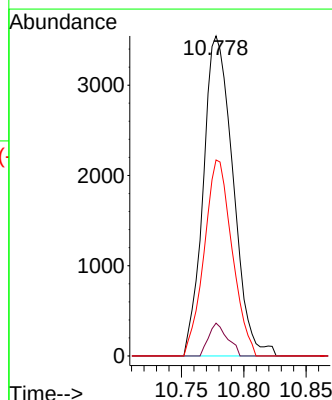
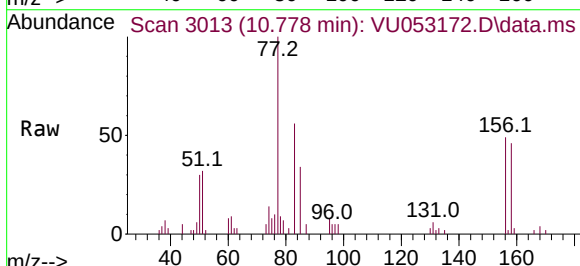
Tgt Ion: 83 Resp: 5890

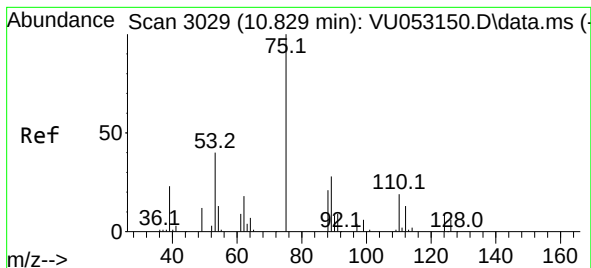
Ion Ratio Lower Upper

83 100

131 6.5 6.6 9.8#

85 57.5 49.3 73.9





#71

1,2,3-Trichloropropane

Concen: 1.411 ug/l

RT: 10.823 min Scan# 3029

Delta R.T. -0.007 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 75 Resp: 6920

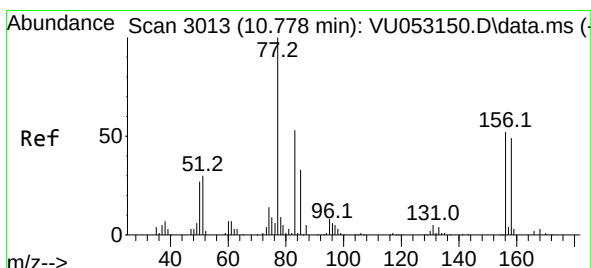
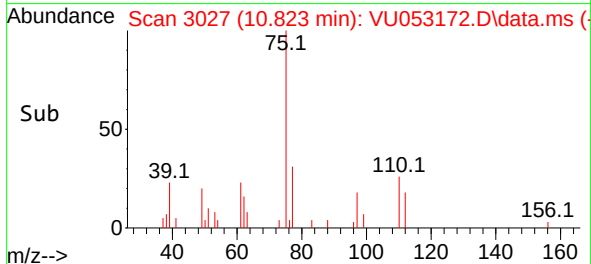
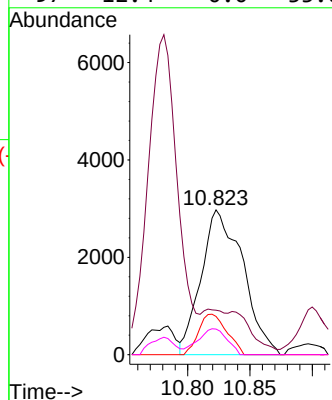
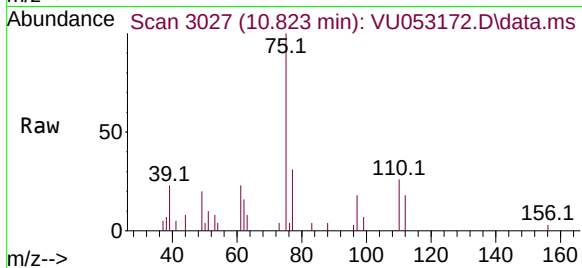
Ion Ratio Lower Upper

75 100

77 0.0 0.0 98.2

110 18.8 0.0 57.0

97 12.4 0.0 33.6



#72

Bromobenzene

Concen: 0.999 ug/l

RT: 10.781 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

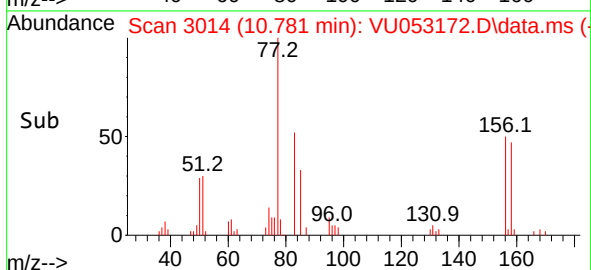
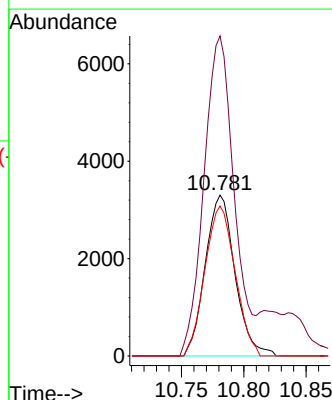
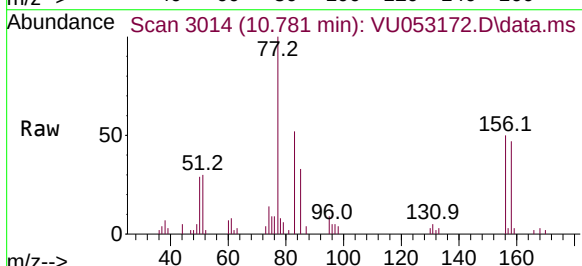
Tgt Ion:156 Resp: 5486

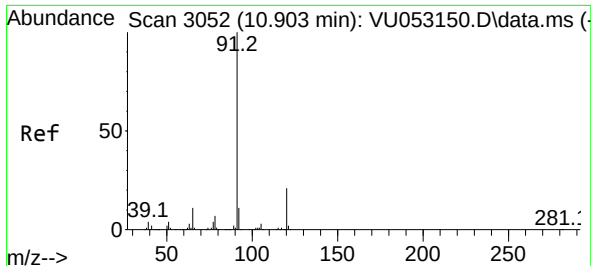
Ion Ratio Lower Upper

156 100

77 201.9 0.0 397.0

158 94.8 0.0 189.2

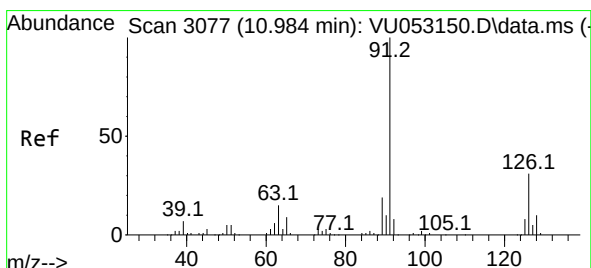
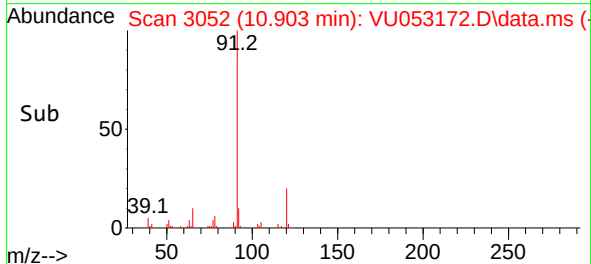
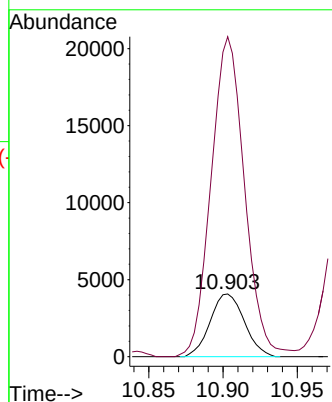
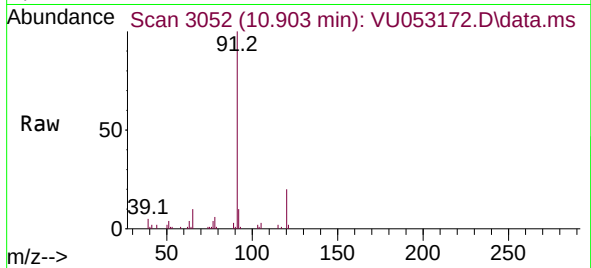




#73
n-propylbenzene
Concen: 0.867 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

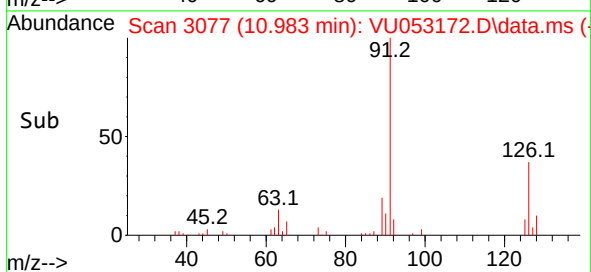
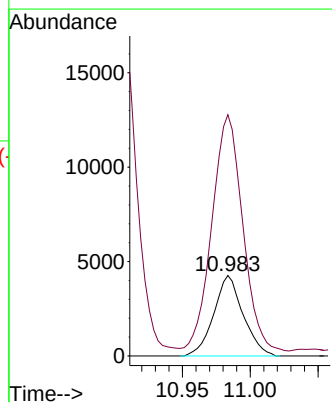
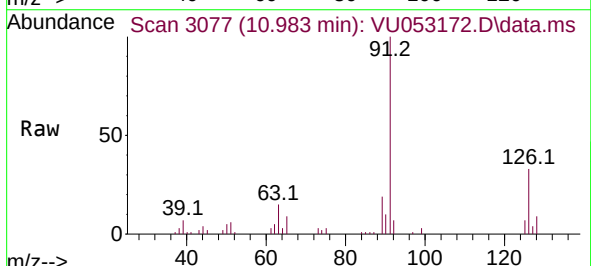
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

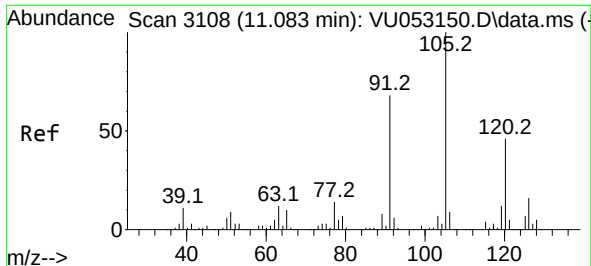
Tgt Ion:120 Resp: 6513
Ion Ratio Lower Upper
120 100
91 500.6 372.5 558.7



#74
2-Chlorotoluene
Concen: 1.031 ug/l
RT: 10.983 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion:126 Resp: 6412
Ion Ratio Lower Upper
126 100
91 312.6 0.0 658.6

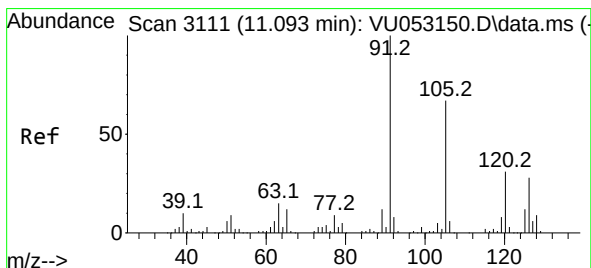
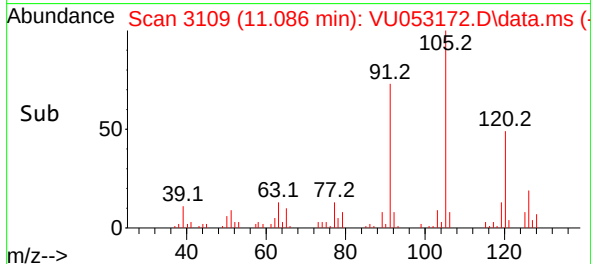
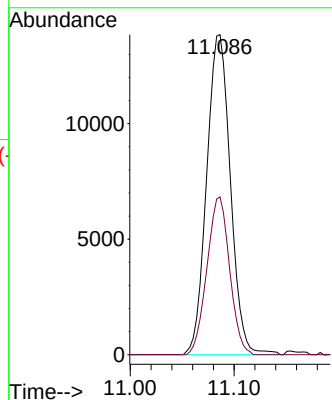
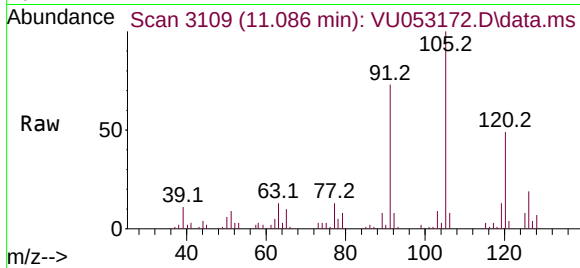




#75
1,3,5-Trimethylbenzene
Concen: 0.934 ug/l
RT: 11.086 min Scan# 3109
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

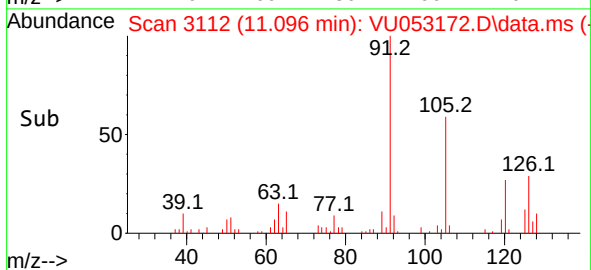
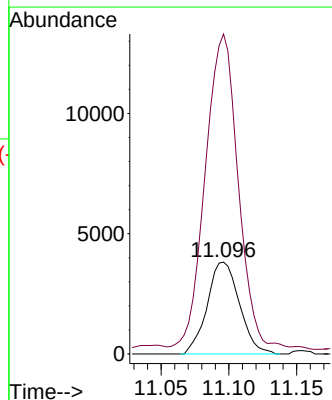
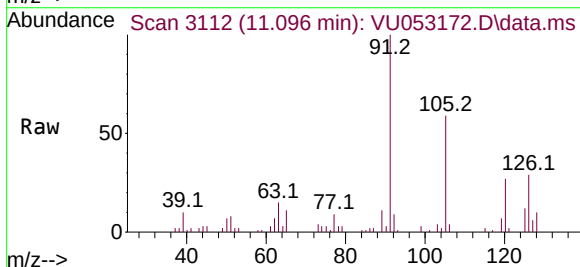
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

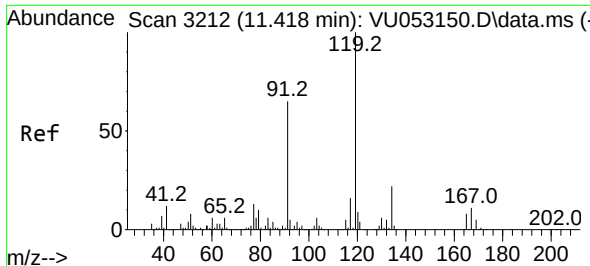
Tgt Ion:105 Resp: 22007
Ion Ratio Lower Upper
105 100
120 46.9 36.5 54.7



#76
4-Chlorotoluene
Concen: 0.965 ug/l
RT: 11.096 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion:126 Resp: 6309
Ion Ratio Lower Upper
126 100
91 352.8 0.0 760.6

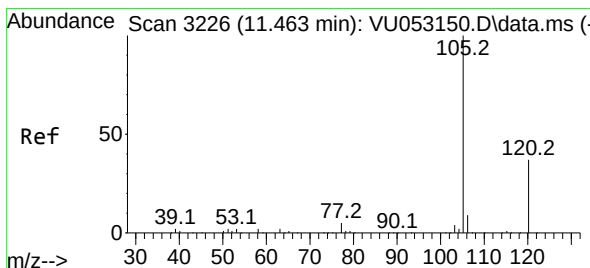
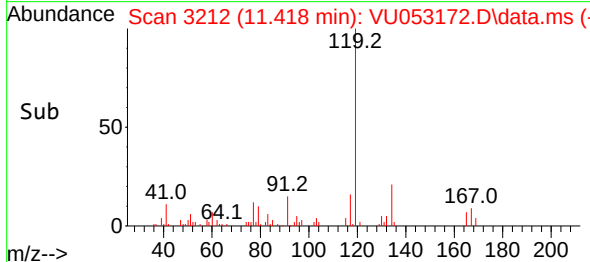
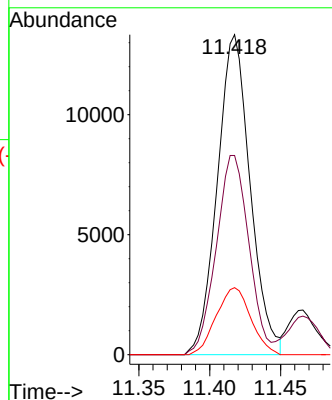
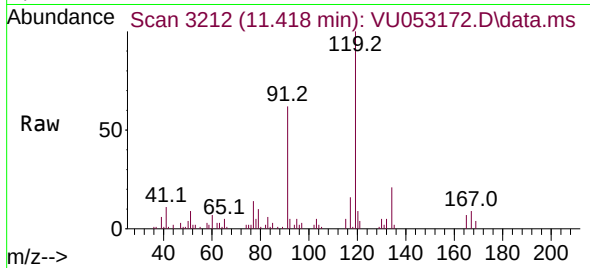




#77
tert-Butylbenzene
Concen: 0.933 ug/l
RT: 11.418 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

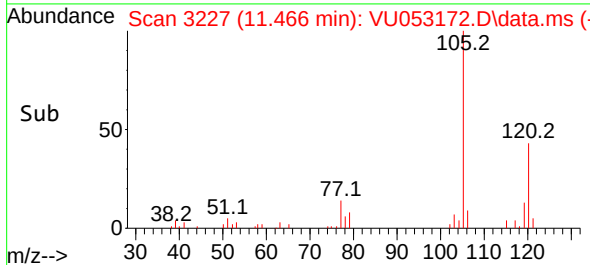
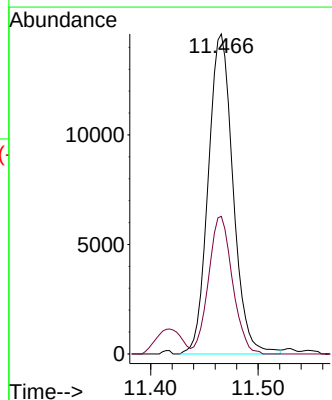
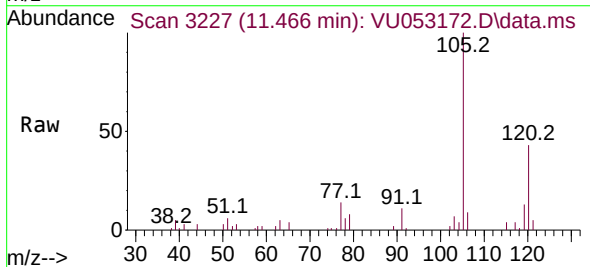
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

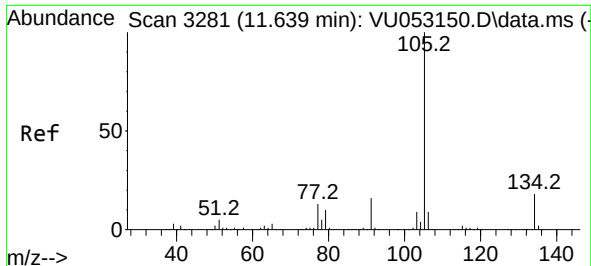
Tgt Ion:	119	Resp:	21533
Ion Ratio	Lower	Upper	
119	100		
91	61.7	31.9	95.7
134	22.0	17.4	26.0



#78
1,2,4-Trimethylbenzene
Concen: 0.975 ug/l
RT: 11.466 min Scan# 3227
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion:	105	Resp:	23414
Ion Ratio	Lower	Upper	
105	100		
120	41.5	21.1	63.1

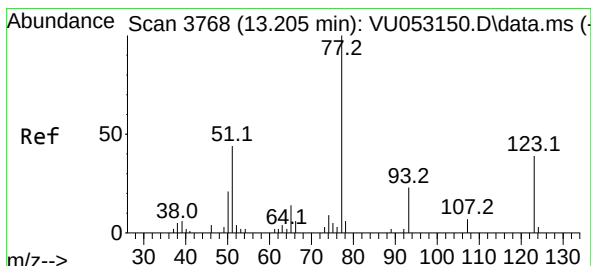
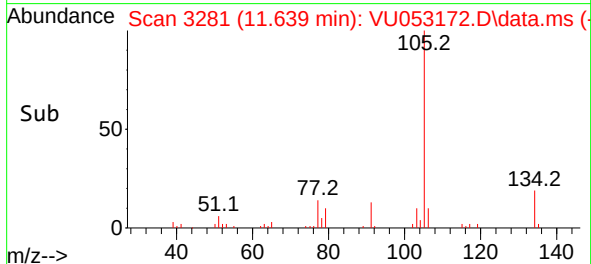
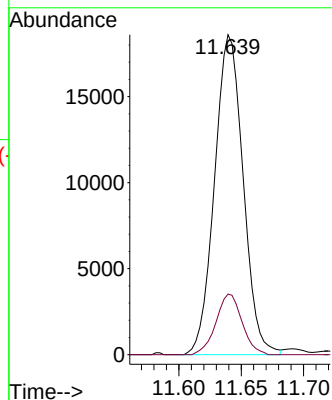
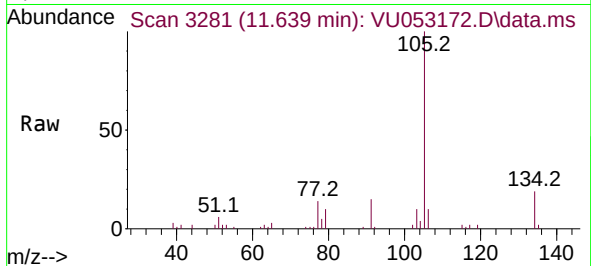




#79
 sec-Butylbenzene
 Concen: 0.928 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053172.D
 Acq: 28 Feb 2023 14:55

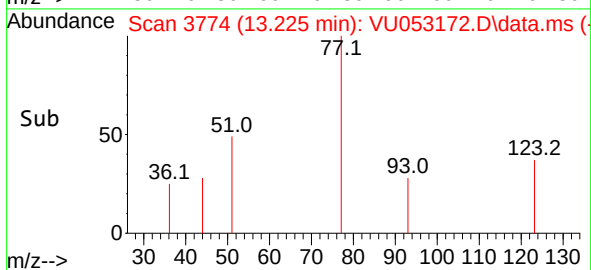
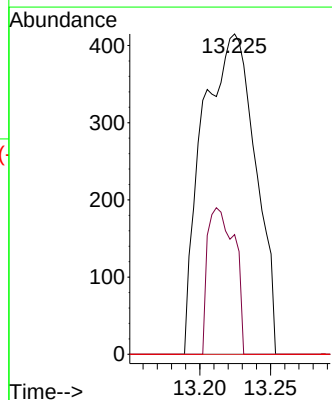
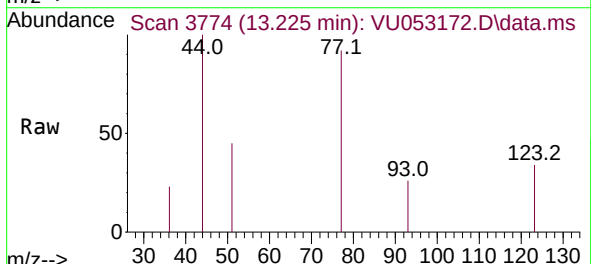
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

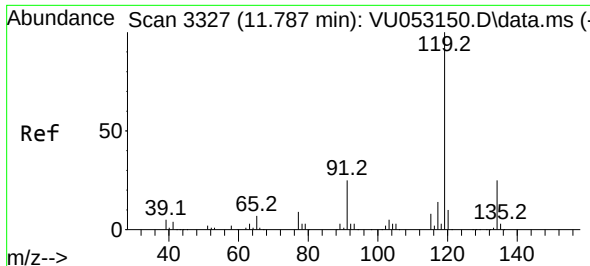
Tgt Ion:105 Resp: 29723
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.4 21.6



#80
 Nitrobenzene
 Concen: 3.613 ug/l
 RT: 13.225 min Scan# 3774
 Delta R.T. 0.019 min
 Lab File: VU053172.D
 Acq: 28 Feb 2023 14:55

Tgt Ion: 77 Resp: 1076
 Ion Ratio Lower Upper
 77 100
 123 23.4 17.0 60.2
 65 0.0 12.9 16.5#

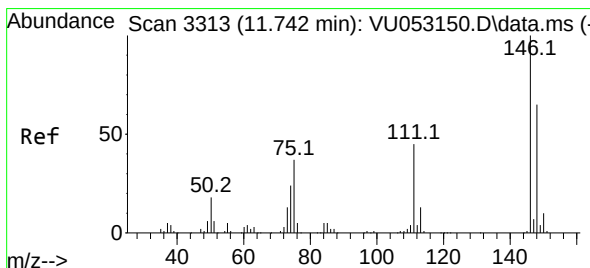
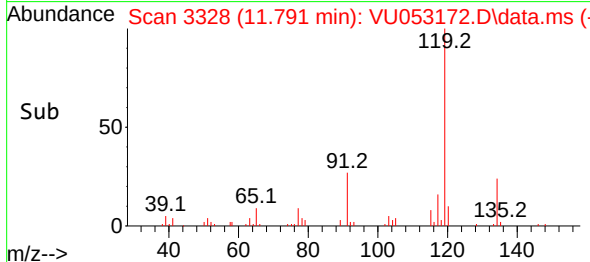
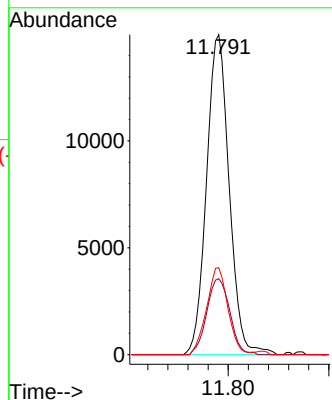
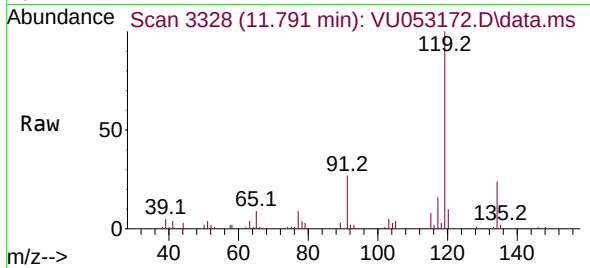




#81
p-Isopropyltoluene
Concen: 0.922 ug/l
RT: 11.791 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

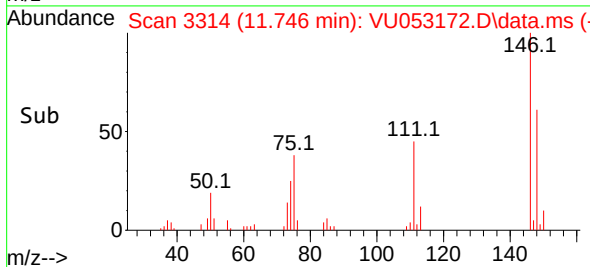
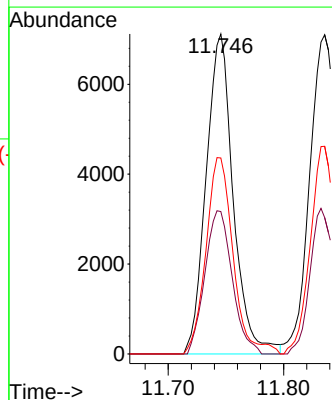
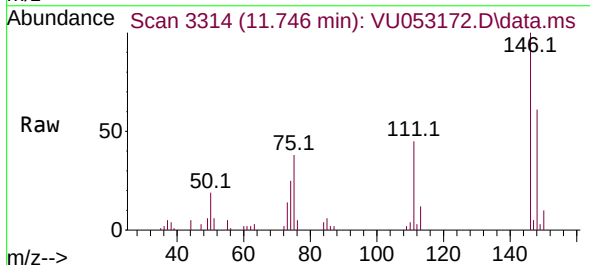
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

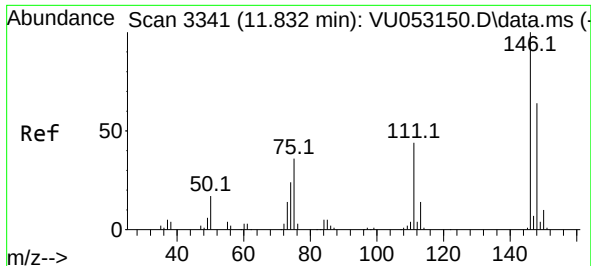
Tgt Ion:	119	Resp:	23399
Ion Ratio	Lower	Upper	
119	100		
134	24.2	19.8	29.6
91	25.6	20.5	30.7



#82
1,3-Dichlorobenzene
Concen: 0.962 ug/l
RT: 11.746 min Scan# 3314
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion:	146	Resp:	11598
Ion Ratio	Lower	Upper	
146	100		
111	45.1	36.0	54.0
148	61.4	50.8	76.2

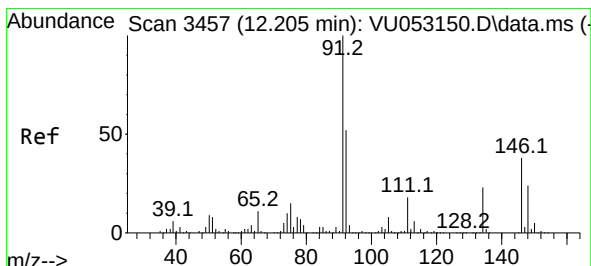
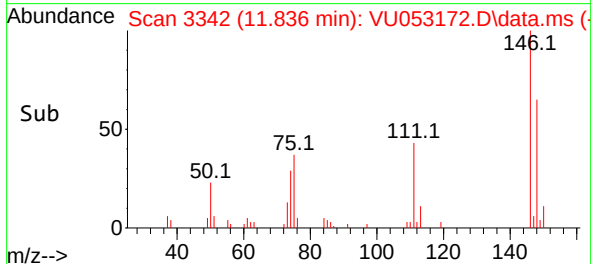
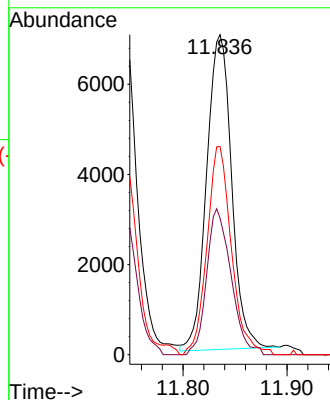
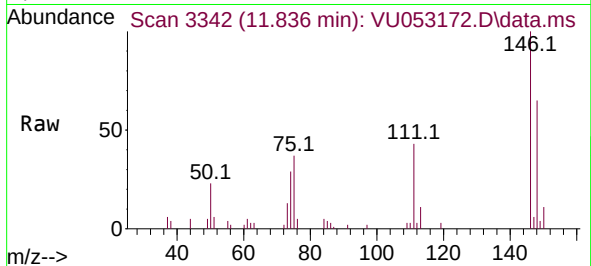




#83
1,4-Dichlorobenzene
Concen: 0.948 ug/l
RT: 11.836 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

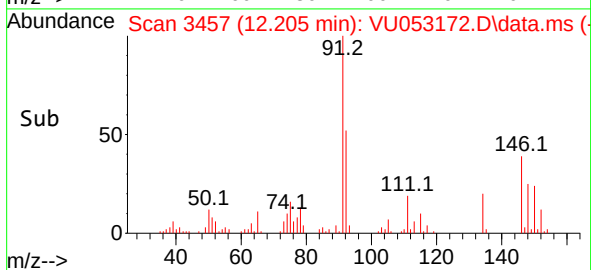
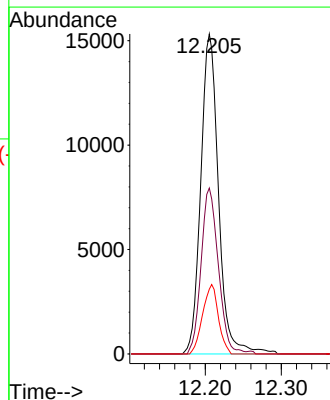
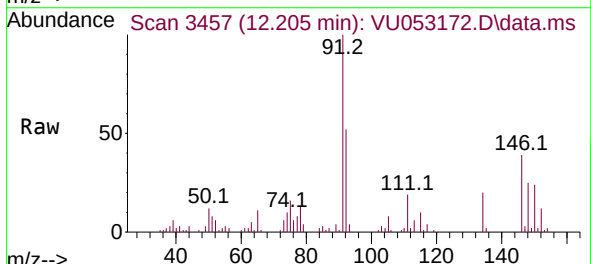
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

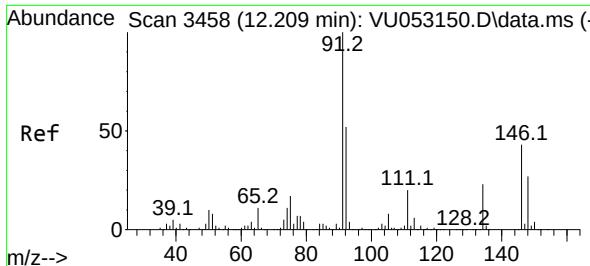
Tgt Ion:146 Resp: 11670
Ion Ratio Lower Upper
146 100
111 45.2 34.0 51.0
148 64.8 49.8 74.6



#84
n-Butylbenzene
Concen: 0.945 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion: 91 Resp: 24858
Ion Ratio Lower Upper
91 100
92 50.3 41.8 62.6
134 19.2 17.9 26.9

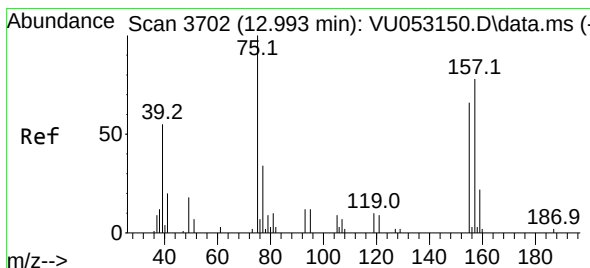
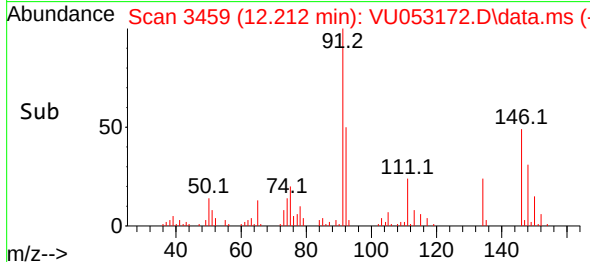
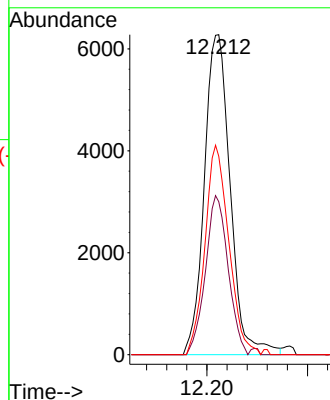
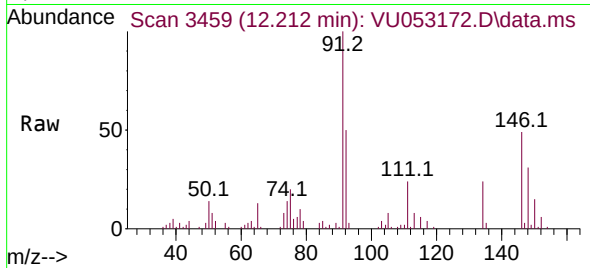




#85
1,2-Dichlorobenzene
Concen: 0.976 ug/l
RT: 12.212 min Scan# 3458
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

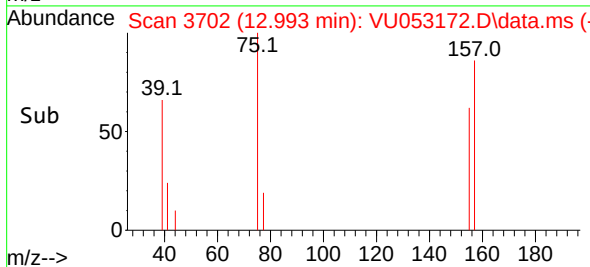
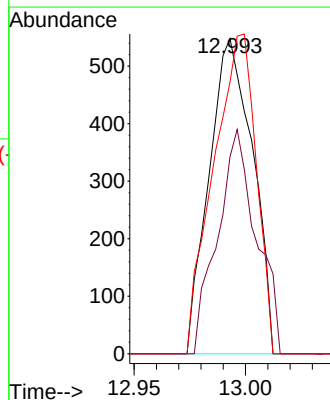
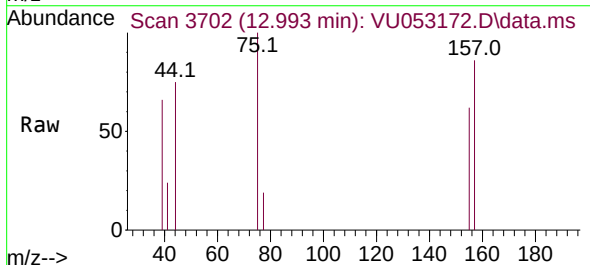
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

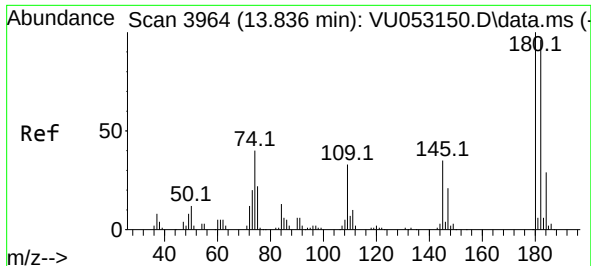
Tgt Ion:146 Resp: 11227
Ion Ratio Lower Upper
146 100
111 43.5 23.2 69.6
148 60.3 31.4 94.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.829 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. 0.000 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion: 75 Resp: 743
Ion Ratio Lower Upper
75 100
155 63.8 53.4 80.0
157 99.3 61.7 92.5#





#87

1,2,4-Trichlorobenzene

Concen: 0.962 ug/l

RT: 13.839 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

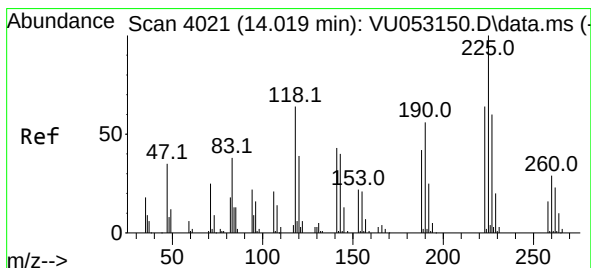
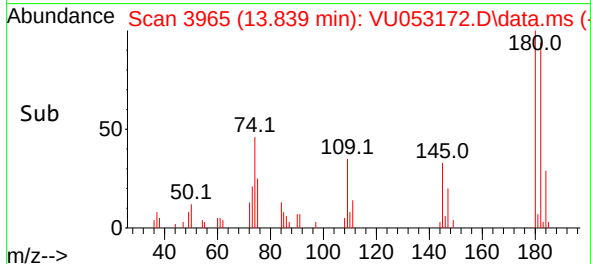
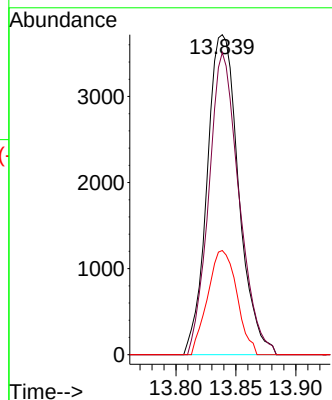
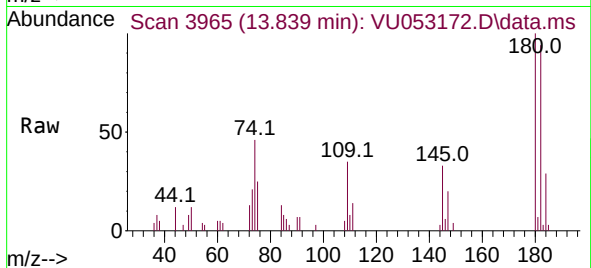
Tgt Ion:180 Resp: 6793

Ion Ratio Lower Upper

180 100

182 90.3 77.4 116.0

145 30.1 28.3 42.5



#88

Hexachlorobutadiene

Concen: 0.822 ug/l

RT: 14.019 min Scan# 4021

Delta R.T. -0.000 min

Lab File: VU053172.D

Acq: 28 Feb 2023 14:55

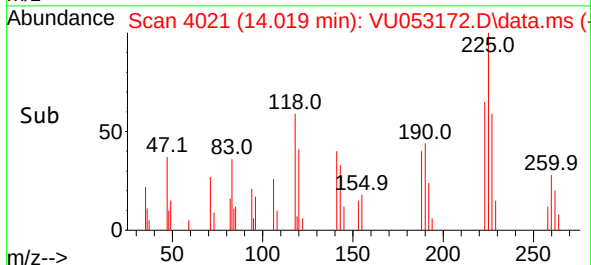
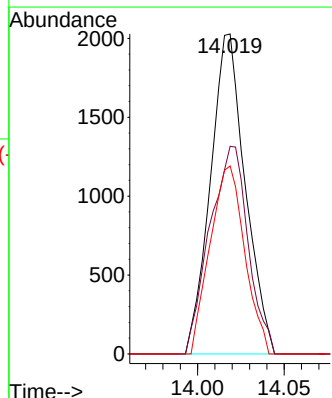
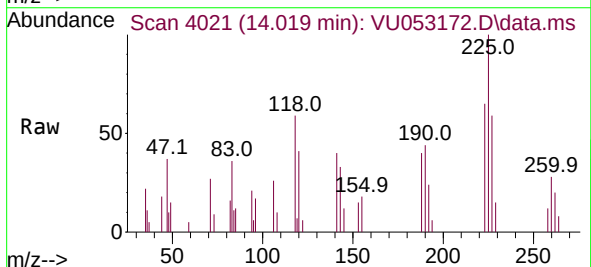
Tgt Ion:225 Resp: 2835

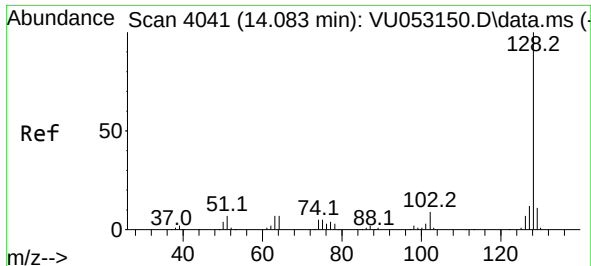
Ion Ratio Lower Upper

225 100

223 71.5 51.1 76.7

227 58.5 49.9 74.9

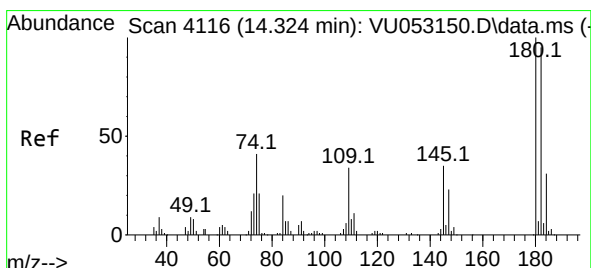
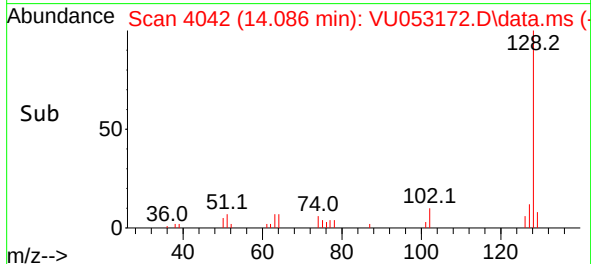
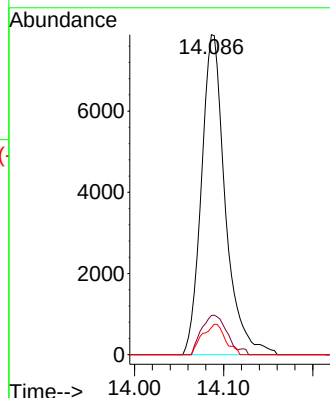
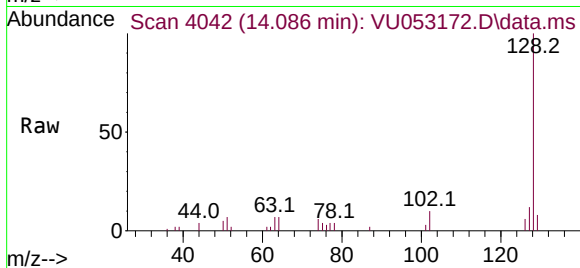




#89
Naphthalene
Concen: 0.976 ug/l
RT: 14.086 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:128	Resp:	14657
Ion Ratio	Lower	Upper
128	100	
127	13.3	9.9 14.9
129	9.2	8.3 12.5



#90
1,2,3-Trichlorobenzene
Concen: 0.880 ug/l
RT: 14.331 min Scan# 4118
Delta R.T. 0.006 min
Lab File: VU053172.D
Acq: 28 Feb 2023 14:55

Tgt Ion:180	Resp:	5467
Ion Ratio	Lower	Upper
180	100	
182	98.7	76.6 115.0
145	36.6	29.0 43.6

