

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053788.D
 Acq On : 19 Apr 2023 18:12
 Operator : JC/MD
 Sample : 02213-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: Apr 20 08:50:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.108	96	29139	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	10449	0.914	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	12428	0.915	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	7861	0.890	ug/l	95
3) Chloromethane	1.520	50	8142	1.024	ug/l	96
4) Vinyl Chloride	1.604	62	8951	0.973	ug/l	91
5) Bromomethane	1.851	94	6531	0.944	ug/l	90
6) Chloroethane	1.928	64	6105	1.037	ug/l	99
7) Trichlorofluoromethane	2.134	101	14705	0.952	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	9279	0.923	ug/l	90
9) 1,1-Dichloroethene	2.578	96	8164	0.992	ug/l	81
10) Iodomethane	2.719	142	8093	0.921	ug/l	94
11) Allyl Chloride	2.919	41	9425	0.964	ug/l	98
12) Acrylonitrile	3.317	53	3837	1.865	ug/l	96
13) Acetone	2.626	43	10488	3.647	ug/l	98
14) Carbon Disulfide	2.790	76	11760	0.870	ug/l	# 88
15) Methylene Chloride	3.041	84	12329	1.022	ug/l	# 80
16) trans-1,2-Dichloroethene	3.346	96	8258	0.928	ug/l	88
17) 1,1-Dichloroethane	3.861	63	17194	0.936	ug/l	99
18) 2-Butanone	4.716	43	14246	3.822	ug/l	97
19) Cyclohexane	5.372	56	10509	0.826	ug/l	85
20) Methylcyclohexane	6.755	83	9723	0.853	ug/l	97
21) 2,2-Dichloropropane	4.658	77	15122	0.906	ug/l	98
22) cis-1,2-Dichloroethene	4.662	96	10873	0.976	ug/l	89
23) Diethyl Ether	2.375	59	5833	0.961	ug/l	93
24) tert-Butyl Alcohol	3.202	59	7110	9.018	ug/l	# 1
25) Methyl tert-Butyl Ether	3.366	73	22349	0.973	ug/l	99
26) Bromochloromethane	4.967	128	4644	0.943	ug/l	85
27) Chloroform	5.083	83	19089	0.963	ug/l	91
28) 1,1,1-Trichloroethane	5.308	97	14801	0.901	ug/l	95
29) 1,1-Dichloropropene	5.514	75	9764	0.933	ug/l	94
30) Carbon Tetrachloride	5.514	117	11328	0.963	ug/l	91
31) Isopropyl Ether	3.993	45	26237	0.988	ug/l	92
32) Ethyl-t-butyl ether	4.507	59	25639	0.954	ug/l	97
33) Tert-Amyl methyl ether	5.948	73	17831	0.908	ug/l	95
34) Propionitrile	4.780	54	3951	4.740	ug/l	# 5
35) Benzene	5.768	78	29379	0.912	ug/l	98
36) 1,2-Dichloroethane	5.790	62	10124	1.000	ug/l	97
37) Trichloroethene	6.539	130	8347	0.912	ug/l	92
38) 1,2-Dichloropropane	6.787	63	8645	0.943	ug/l	99
39) Methacrylonitrile	4.977	41	3304	0.993	ug/l	# 62
40) Methyl acrylate	4.848	55	5351	0.974	ug/l	# 92
41) Tetrahydrofuran	5.063	42	3598	2.171	ug/l	# 72
42) 1-Chlorobutane	5.452	56	14138	0.990	ug/l	97
43) Dibromomethane	6.915	93	4067	0.874	ug/l	92
44) Bromodichloromethane	7.105	83	10165	0.867	ug/l	# 92

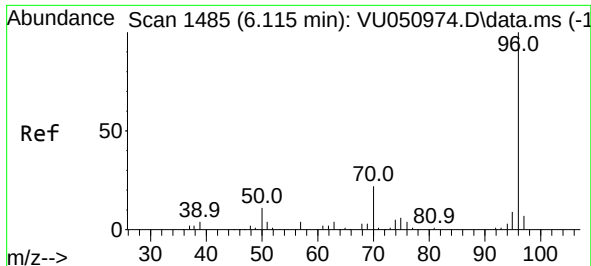
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053788.D
 Acq On : 19 Apr 2023 18:12
 Operator : JC/MD
 Sample : 02213-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: Apr 20 08:50:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:39:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	21804	4.609	ug/l	98
46) t-1,4-Dichloro-2-butene	10.822	75	9103	4.634	ug/l #	41
47) Methyl methacrylate	6.967	69	6942	1.699	ug/l	93
48) Ethyl methacrylate	8.337	69	6385	0.797	ug/l	90
49) Toluene	7.967	92	17290	0.852	ug/l	99
50) t-1,3-Dichloropropene	8.208	75	8925	0.847	ug/l	99
51) cis-1,3-Dichloropropene	7.607	75	10691	0.850	ug/l	95
52) 1,1,2-Trichloroethane	8.398	97	6983	0.946	ug/l #	91
53) 1,3-Dichloropropane	8.575	76	10814	0.936	ug/l	99
54) 2-Hexanone	8.690	43	15769	3.554	ug/l	96
55) Dibromochloromethane	8.806	129	6683	0.861	ug/l	98
56) 1,2-Dibromoethane	8.922	107	5790	0.910	ug/l	92
58) Tetrachloroethene	8.549	164	7585	0.857	ug/l	94
59) Chlorobenzene	9.443	112	21645	0.857	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.529	131	8091	0.888	ug/l	98
61) Pentachloroethane	11.423	117	6403	0.912	ug/l	95
62) Hexachloroethane	12.471	117	5486	0.800	ug/l	97
63) Ethyl Benzene	9.568	91	33864	0.849	ug/l	98
64) m/p-Xylenes	9.690	106	25330	1.612	ug/l	97
65) o-Xylene	10.095	106	12717	0.803	ug/l	98
66) Styrene	10.115	104	20357	0.808	ug/l	99
67) Bromoform	10.288	173	3407	0.845	ug/l #	97
69) Isopropylbenzene	10.481	105	32756	0.791	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.780	83	8284	0.872	ug/l #	92
71) 1,2,3-Trichloropropane	10.822	75	9103	1.327	ug/l	76
72) Bromobenzene	10.780	156	8830	0.831	ug/l	91
73) n-propylbenzene	10.902	120	9249	0.805	ug/l	92
74) 2-Chlorotoluene	10.983	126	8437	0.777	ug/l	99
75) 1,3,5-Trimethylbenzene	11.086	105	27981	0.775	ug/l	97
76) 4-Chlorotoluene	11.095	126	8893	0.803	ug/l	86
77) tert-Butylbenzene	11.417	119	29481	0.811	ug/l	98
78) 1,2,4-Trimethylbenzene	11.465	105	28336	0.769	ug/l	99
79) sec-Butylbenzene	11.639	105	38433	0.787	ug/l	97
80) Nitrobenzene	13.208	77	1437	4.774	ug/l #	68
81) p-Isopropyltoluene	11.790	119	31309	0.782	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	19200	0.845	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	18168	0.797	ug/l	95
84) n-Butylbenzene	12.205	91	28447	0.984	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	18487	0.832	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.989	75	1222	0.913	ug/l	91
87) 1,2,4-Trichlorobenzene	13.838	180	11432	0.779	ug/l	98
88) Hexachlorobutadiene	14.018	225	6431	0.821	ug/l	94
89) Naphthalene	14.086	128	20763	0.779	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	10601	0.760	ug/l	99

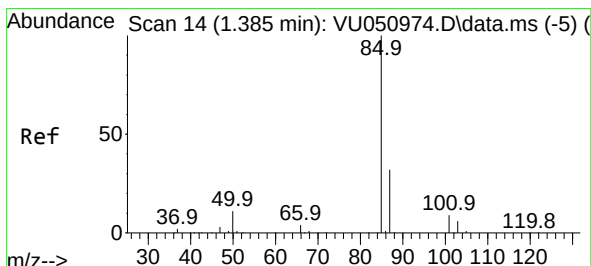
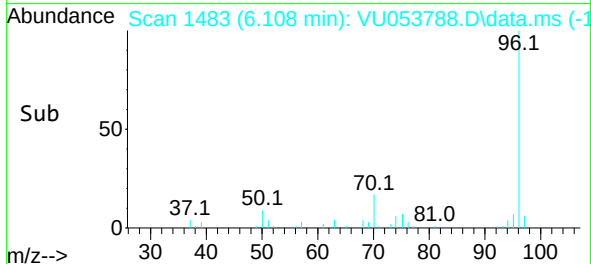
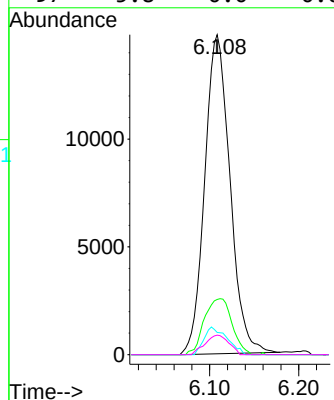
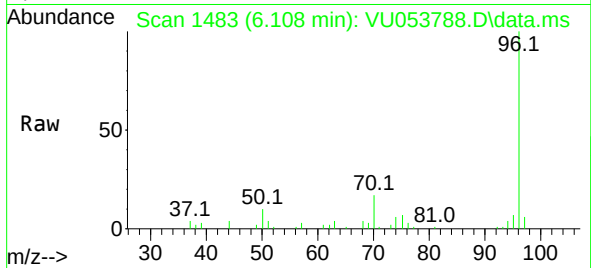
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

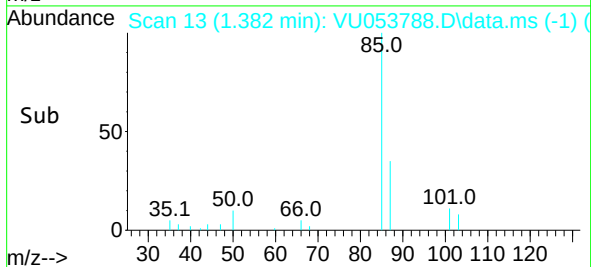
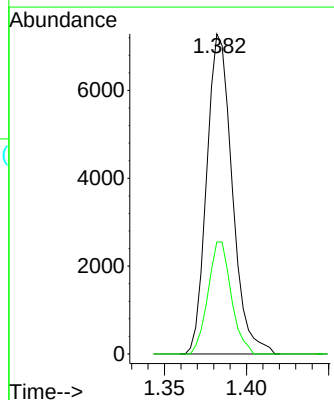
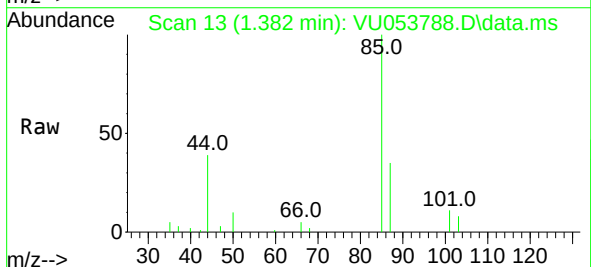
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

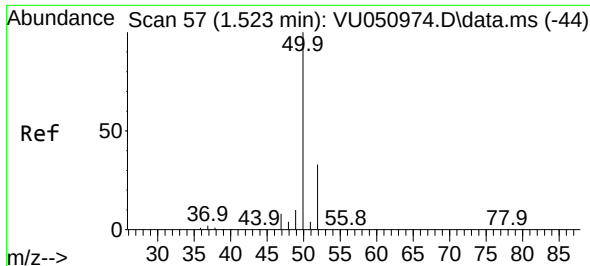
Tgt Ion: 96	Resp: 29139
Ion Ratio	Lower Upper
96 100	
70 19.2	16.5 24.7
95 7.9	7.4 11.0
97 5.8	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.890 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 85	Resp: 7861
Ion Ratio	Lower Upper
85 100	
87 35.0	16.2 48.6

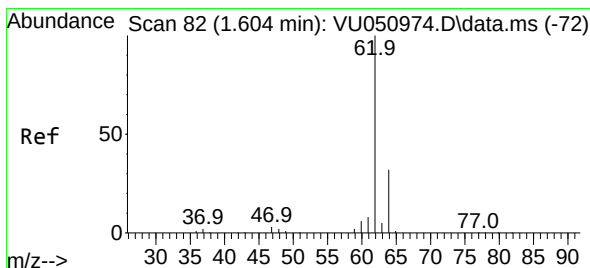
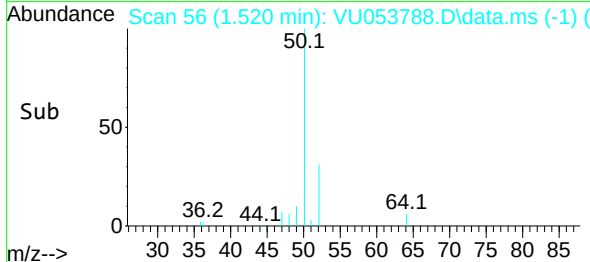
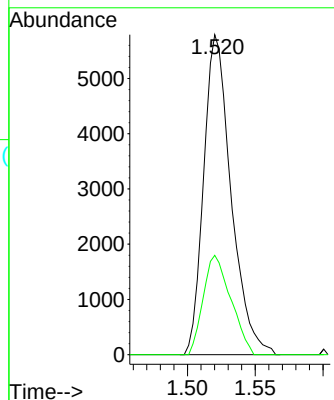
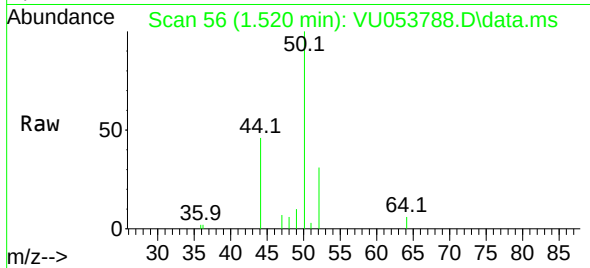




#3
Chloromethane
Concen: 1.024 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

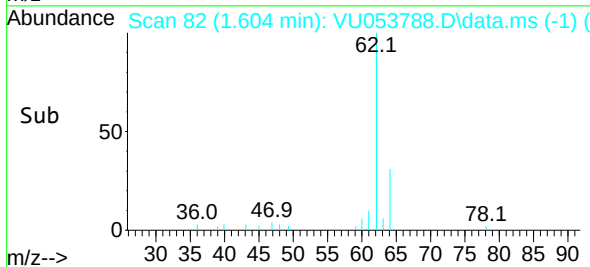
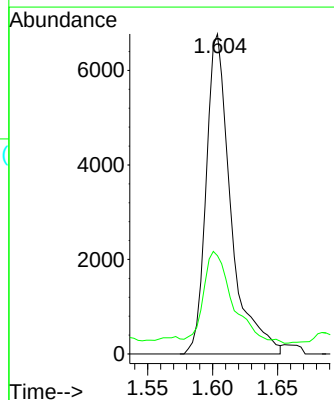
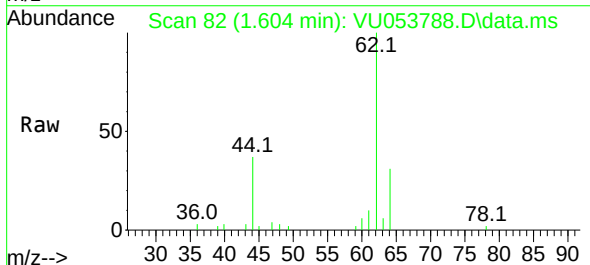
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

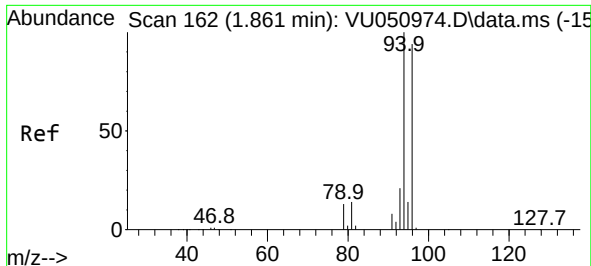
Tgt Ion: 50 Resp: 8142
Ion Ratio Lower Upper
50 100
52 31.1 26.6 40.0



#4
Vinyl Chloride
Concen: 0.973 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 62 Resp: 8951
Ion Ratio Lower Upper
62 100
64 26.7 25.4 38.2





#5

Bromomethane

Concen: 0.944 ug/l

RT: 1.851 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

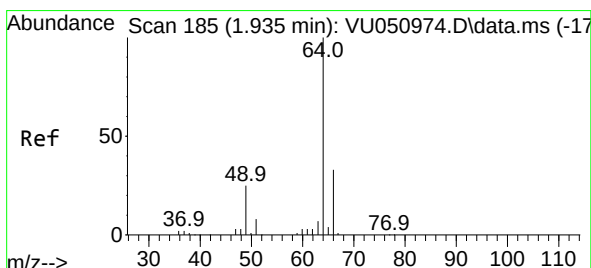
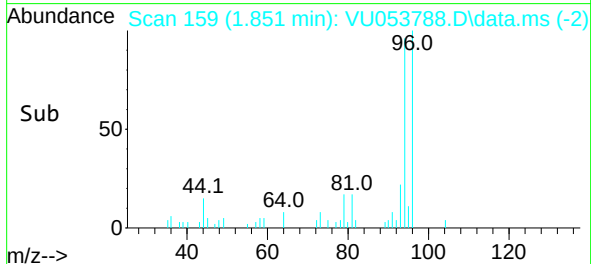
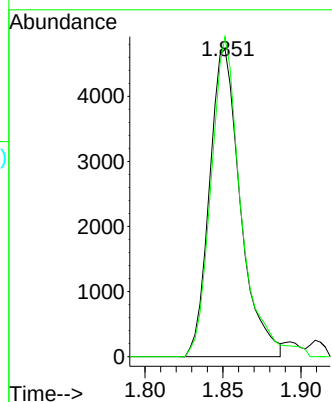
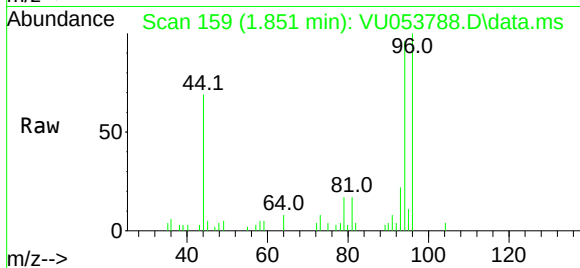
LOQ-WATER-02-QT2-2023

Tgt Ion: 94 Resp: 6531

Ion Ratio Lower Upper

94 100

96 104.0 75.4 113.2



#6

Chloroethane

Concen: 1.037 ug/l

RT: 1.928 min Scan# 183

Delta R.T. -0.000 min

Lab File: VU053788.D

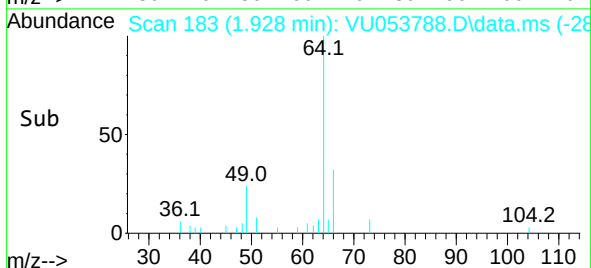
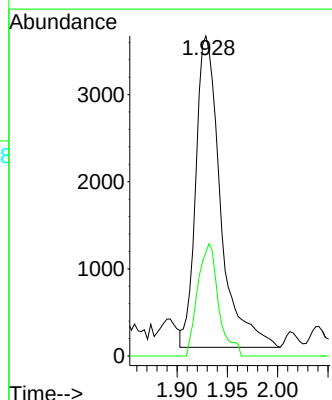
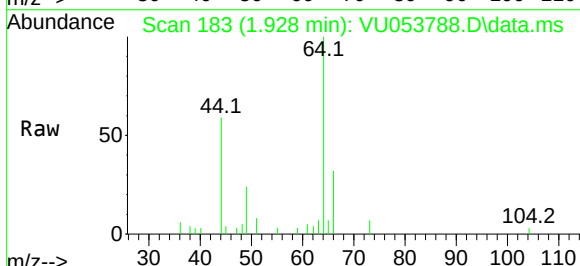
Acq: 19 Apr 2023 18:12

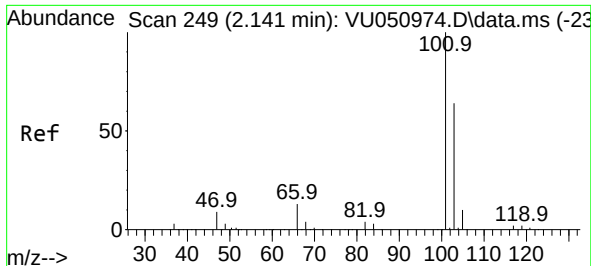
Tgt Ion: 64 Resp: 6105

Ion Ratio Lower Upper

64 100

66 33.3 26.0 39.0

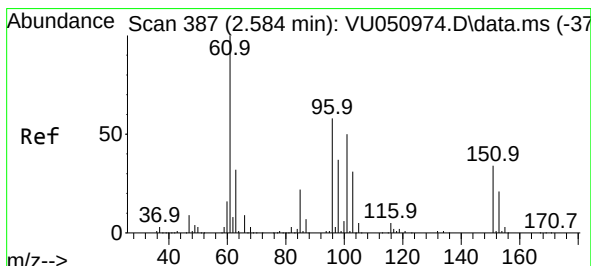
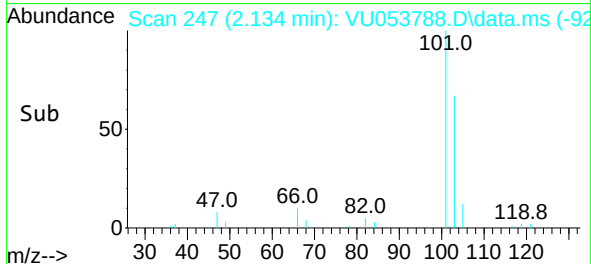
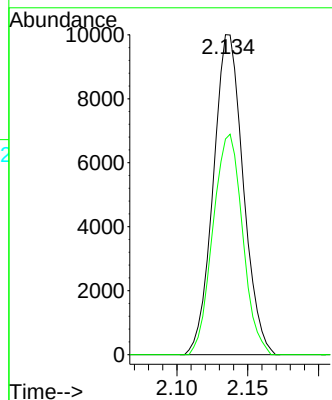
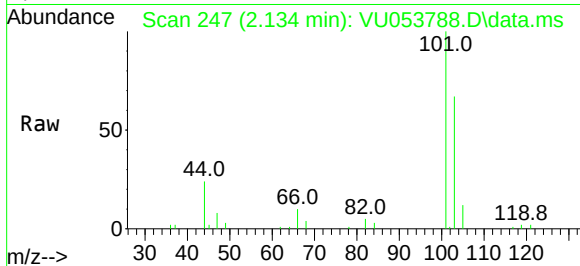




#7
Trichlorofluoromethane
Concen: 0.952 ug/l
RT: 2.134 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

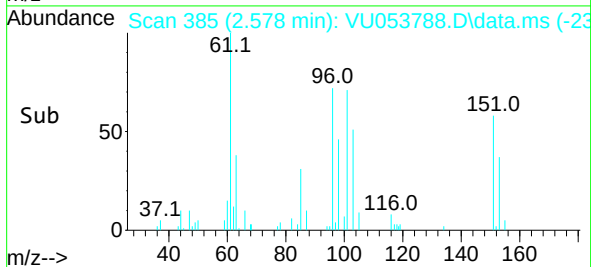
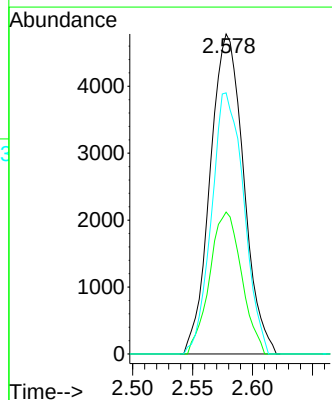
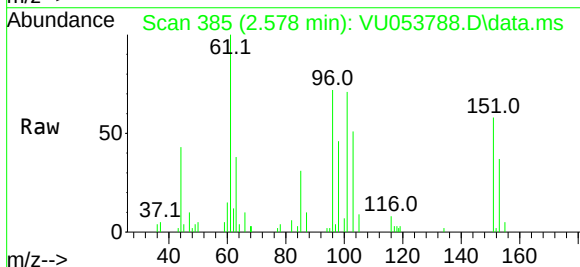
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

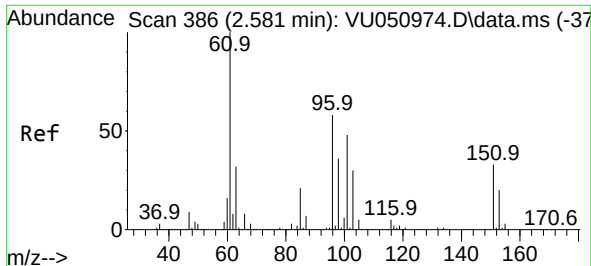
Tgt Ion:101 Resp: 14705
Ion Ratio Lower Upper
101 100
103 67.4 51.4 77.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.923 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion:101 Resp: 9279
Ion Ratio Lower Upper
101 100
85 42.2 35.4 53.0
151 78.6 54.0 81.0

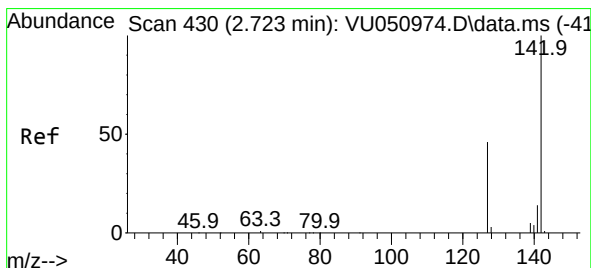
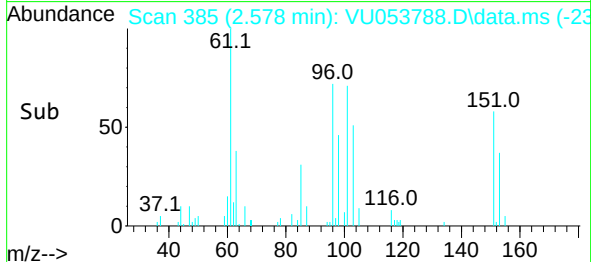
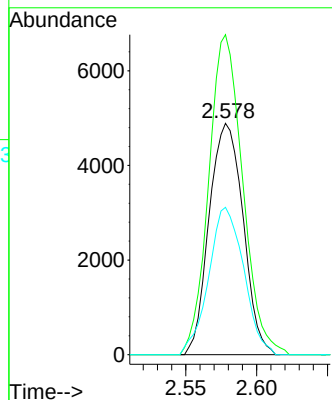
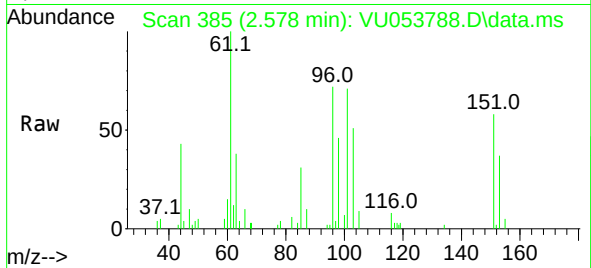




#9
1,1-Dichloroethene
Concen: 0.992 ug/l
RT: 2.578 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

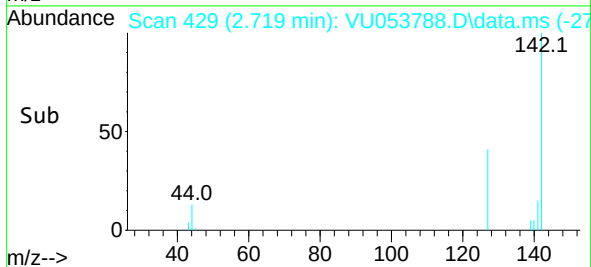
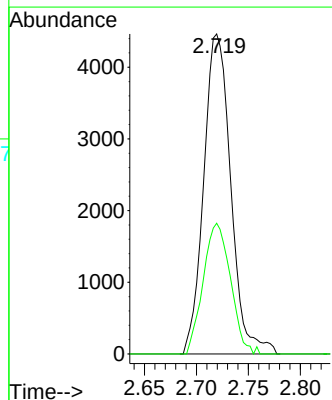
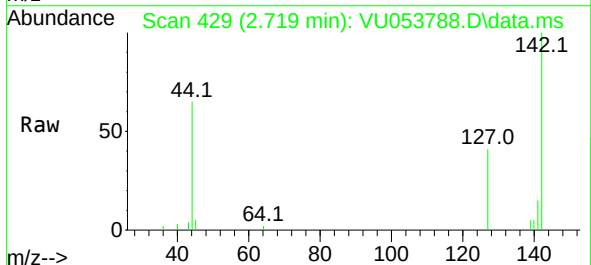
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

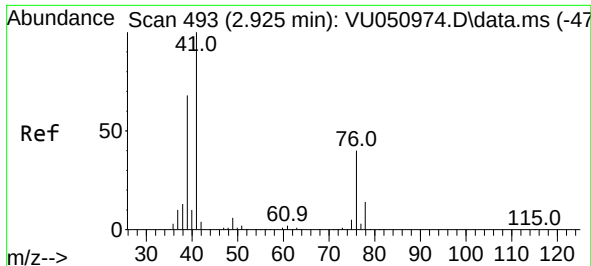
Tgt Ion: 96 Resp: 8164
Ion Ratio Lower Upper
96 100
61 138.3 0.0 521.4
98 63.7 0.0 125.8



#10
Iodomethane
Concen: 0.921 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 142 Resp: 8093
Ion Ratio Lower Upper
142 100
127 41.2 35.9 53.9

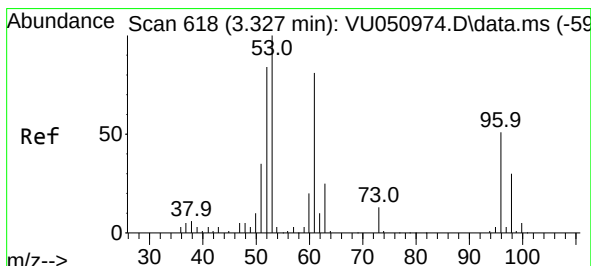
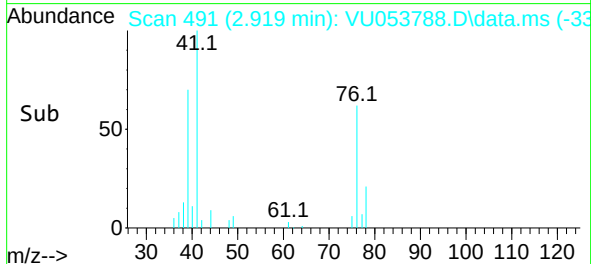
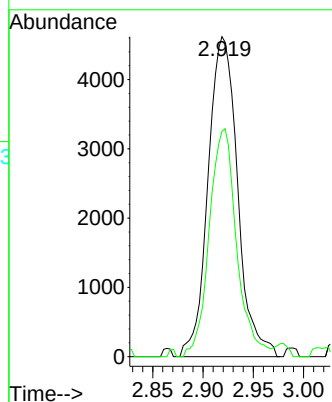
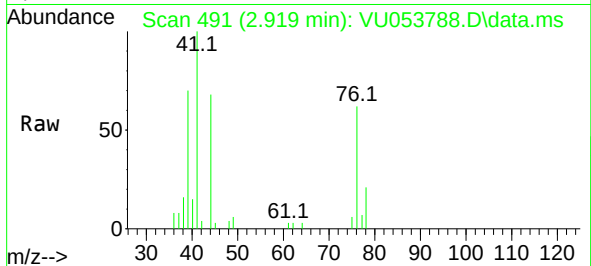




#11
 Allyl Chloride
 Concen: 0.964 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.000 min
 Lab File: VU053788.D
 Acq: 19 Apr 2023 18:12

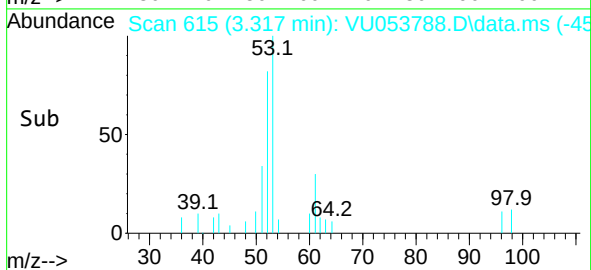
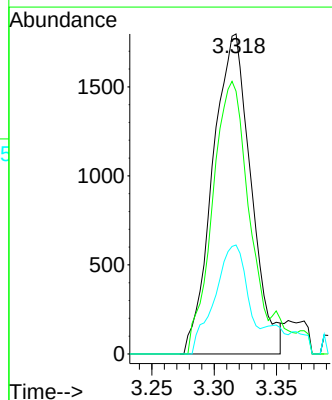
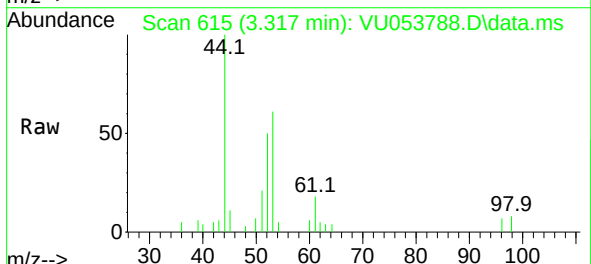
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

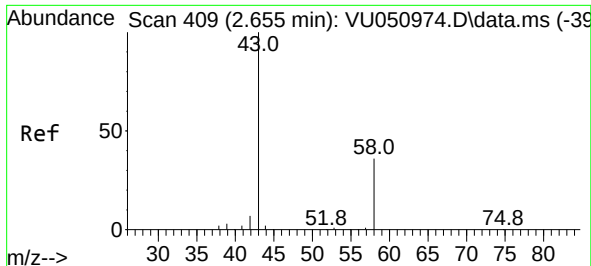
Tgt Ion: 41 Resp: 9425
 Ion Ratio Lower Upper
 41 100
 39 66.0 54.2 81.2



#12
 Acrylonitrile
 Concen: 1.865 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. 0.010 min
 Lab File: VU053788.D
 Acq: 19 Apr 2023 18:12

Tgt Ion: 53 Resp: 3837
 Ion Ratio Lower Upper
 53 100
 52 80.4 62.9 94.3
 51 29.4 27.8 41.6





#13

Acetone

Concen: 3.647 ug/l

RT: 2.626 min Scan# 409

Delta R.T. 0.006 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

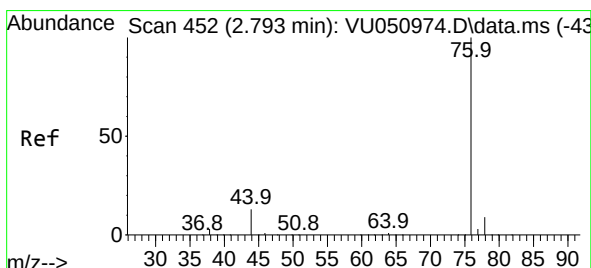
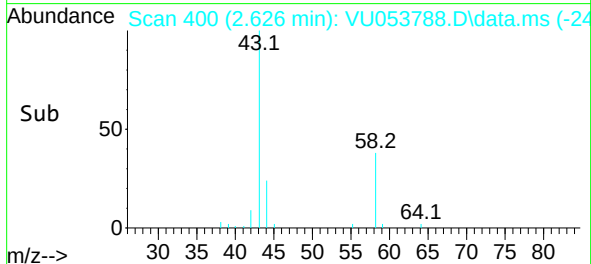
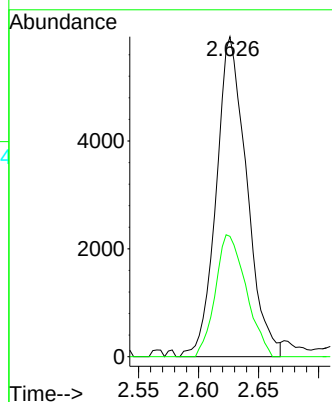
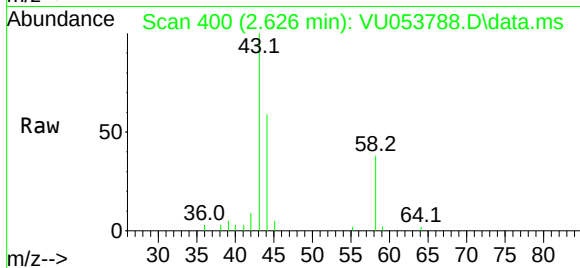
LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 10488

Ion Ratio Lower Upper

43 100

58 37.6 29.0 43.4



#14

Carbon Disulfide

Concen: 0.870 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU053788.D

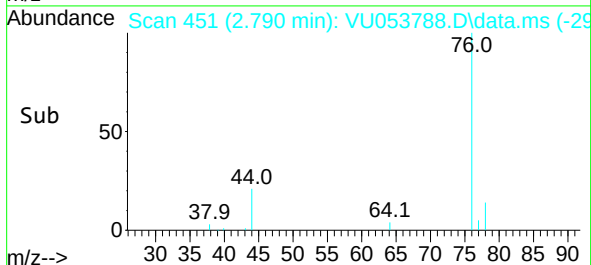
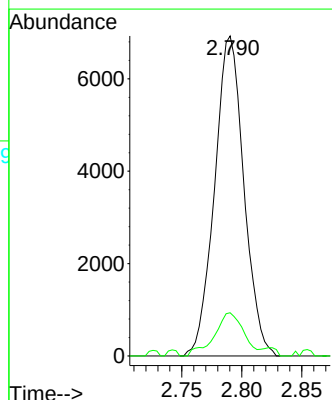
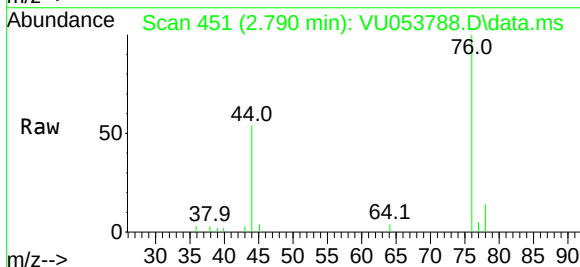
Acq: 19 Apr 2023 18:12

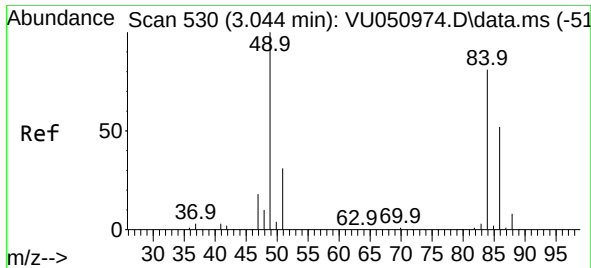
Tgt Ion: 76 Resp: 11760

Ion Ratio Lower Upper

76 100

78 13.5 7.4 11.0#

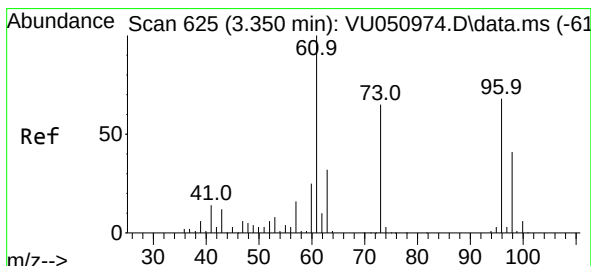
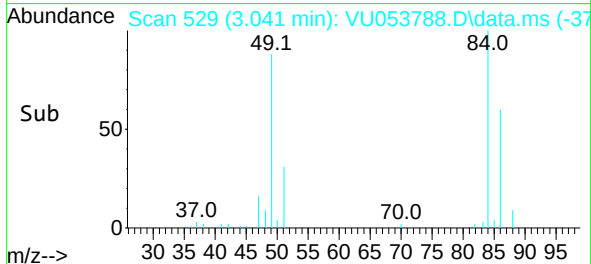
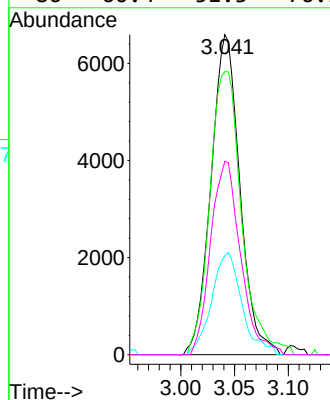
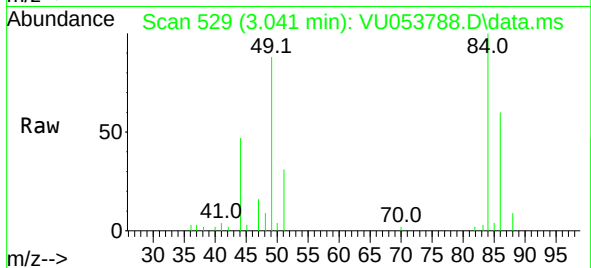




#15
Methylene Chloride
Concen: 1.022 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

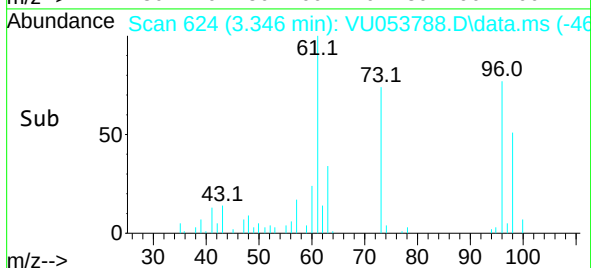
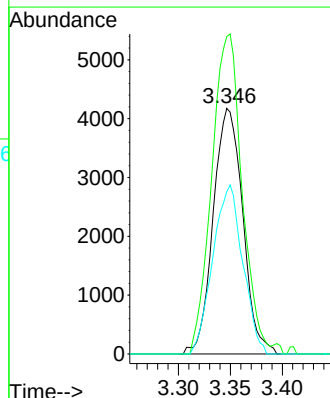
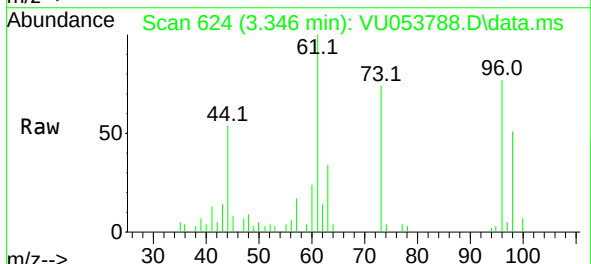
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

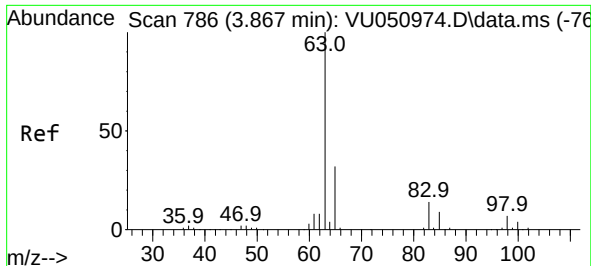
Tgt Ion: 84	Resp: 12329
Ion Ratio	Lower Upper
84 100	
49 88.5	98.9 148.3#
51 31.0	0.0 75.4
86 60.4	51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 0.928 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 96	Resp: 8258
Ion Ratio	Lower Upper
96 100	
61 129.2	117.5 176.3
98 66.0	48.3 72.5





#17

1,1-Dichloroethane

Concen: 0.936 ug/l

RT: 3.861 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

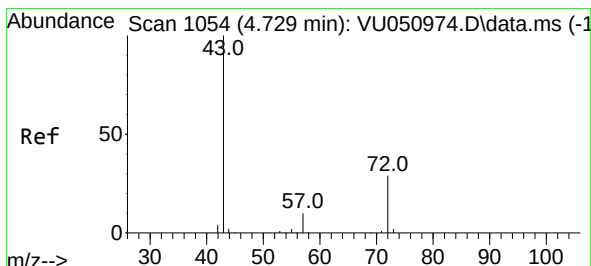
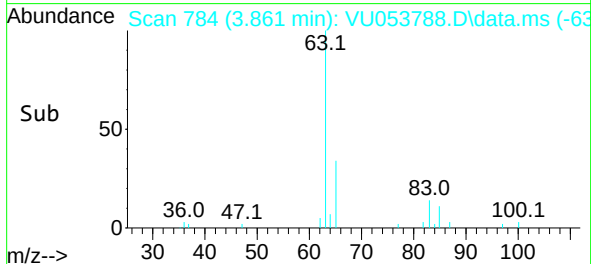
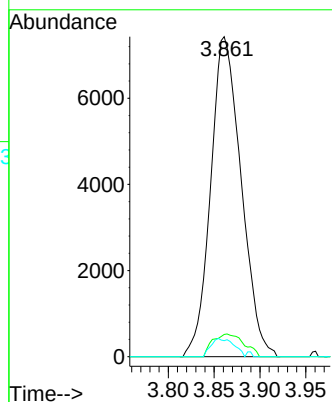
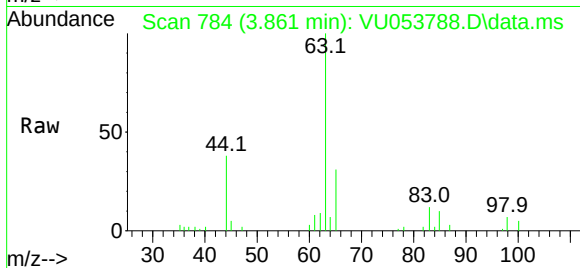
Tgt Ion: 63 Resp: 17194

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 5.0 2.2 6.6



#18

2-Butanone

Concen: 3.822 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU053788.D

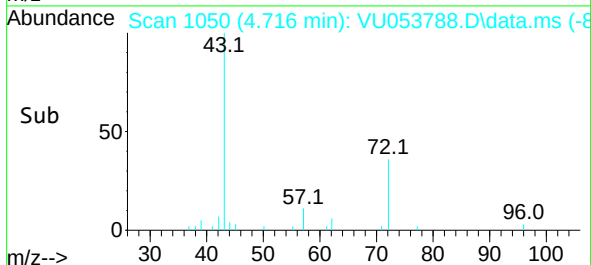
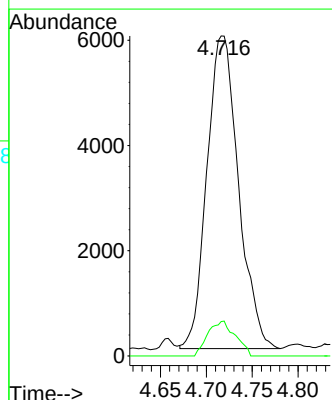
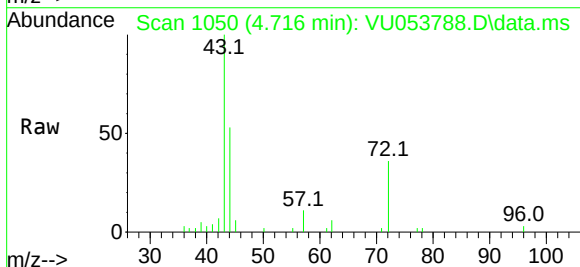
Acq: 19 Apr 2023 18:12

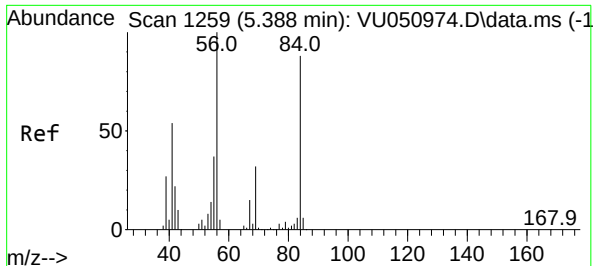
Tgt Ion: 43 Resp: 14246

Ion Ratio Lower Upper

43 100

57 11.0 0.0 19.6





#19

Cyclohexane

Concen: 0.826 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU053788.D

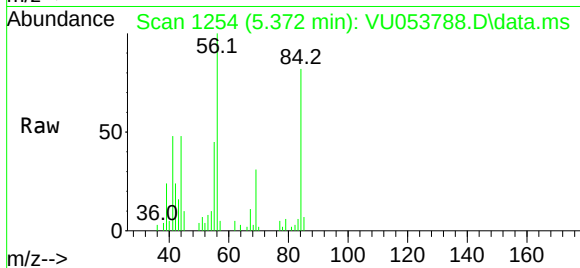
Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023



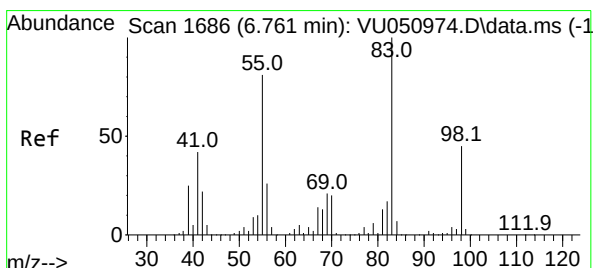
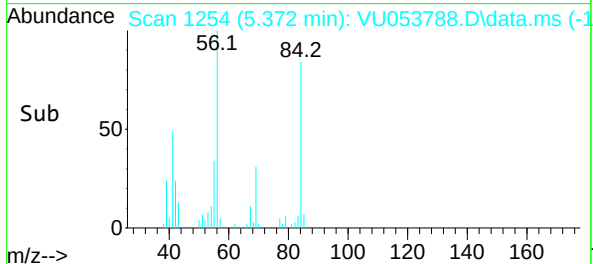
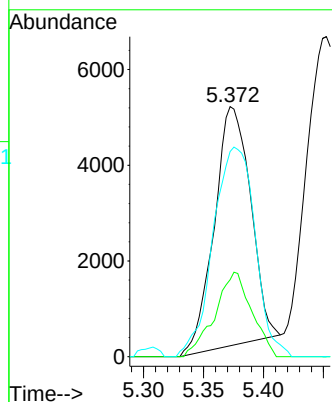
Tgt Ion: 56 Resp: 10509

Ion Ratio Lower Upper

56 100

69 35.7 24.6 37.0

84 101.2 68.4 102.6



#20

Methylcyclohexane

Concen: 0.853 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.000 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

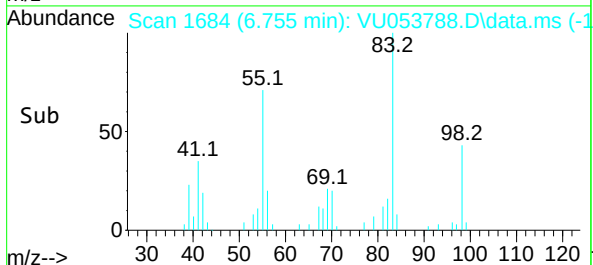
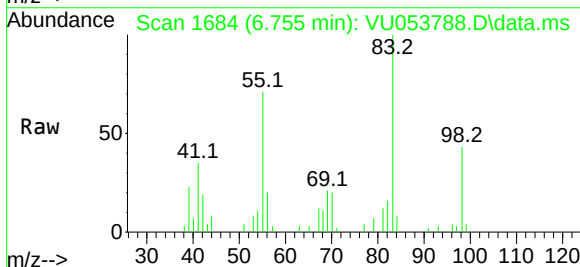
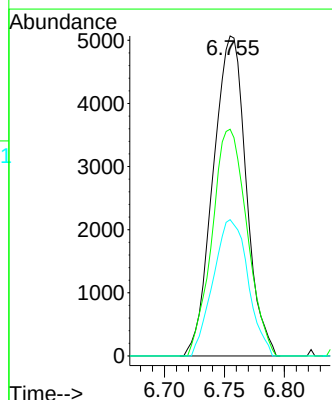
Tgt Ion: 83 Resp: 9723

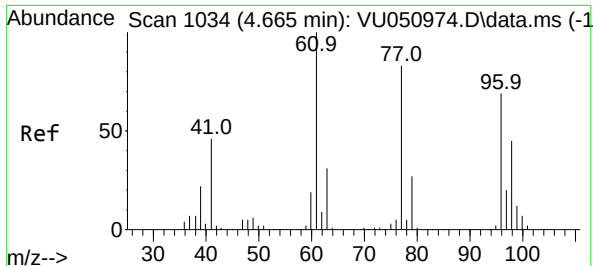
Ion Ratio Lower Upper

83 100

55 74.8 63.5 95.3

98 44.8 36.0 54.0

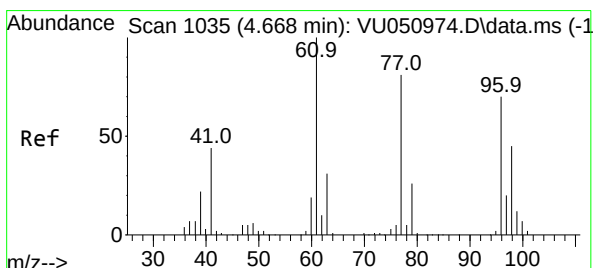
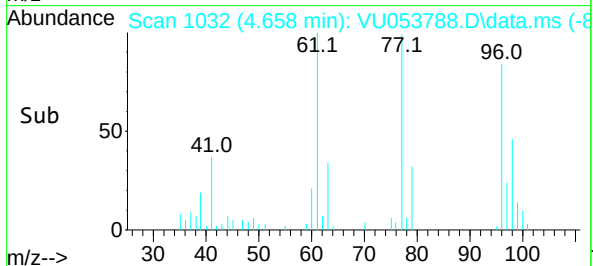
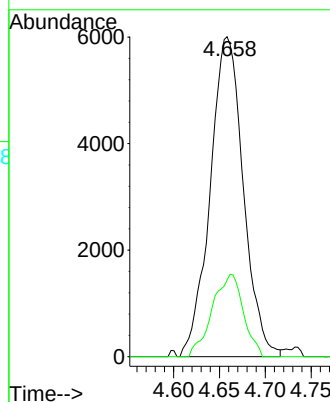
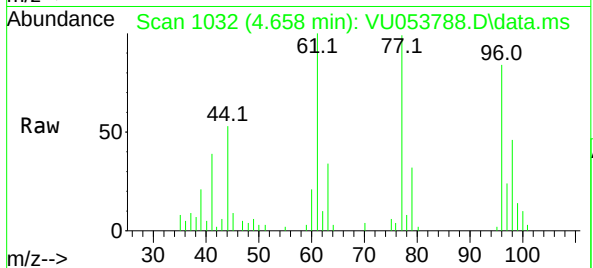




#21
2,2-Dichloropropane
Concen: 0.906 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

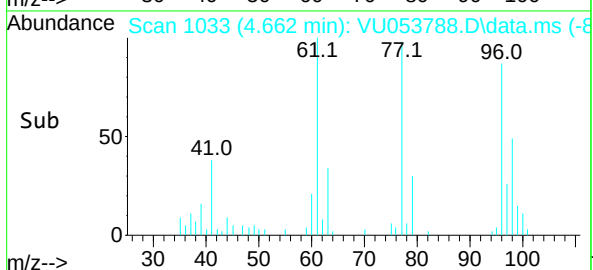
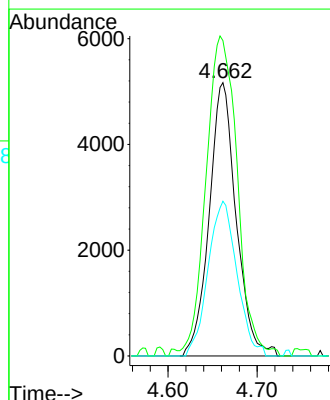
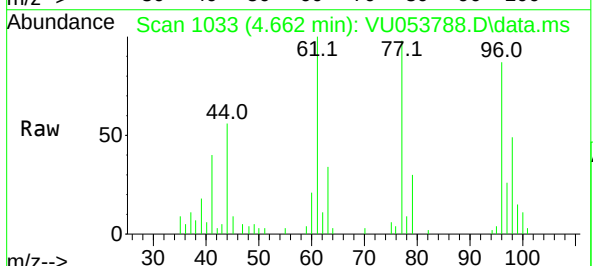
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

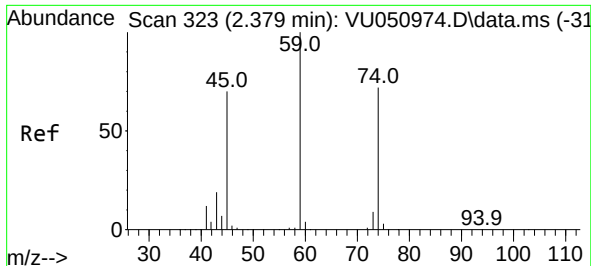
Tgt Ion: 77 Resp: 15122
Ion Ratio Lower Upper
77 100
97 24.1 18.4 27.6



#22
cis-1,2-Dichloroethene
Concen: 0.976 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 96 Resp: 10873
Ion Ratio Lower Upper
96 100
61 128.8 0.0 365.8
98 60.6 32.0 96.0

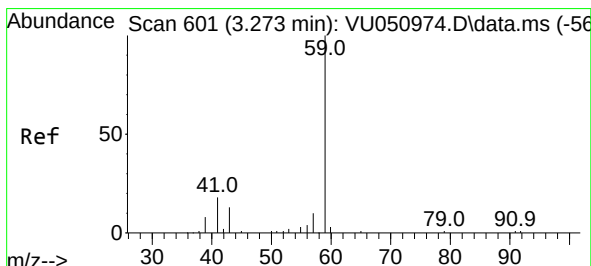
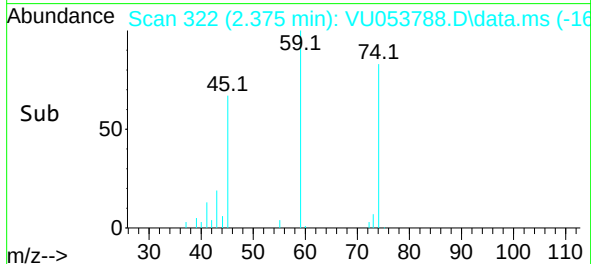
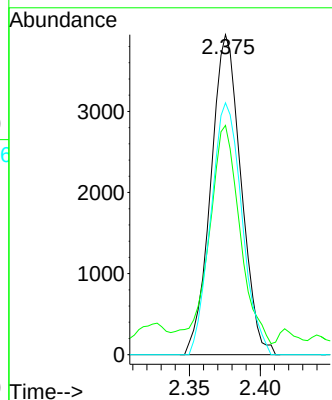
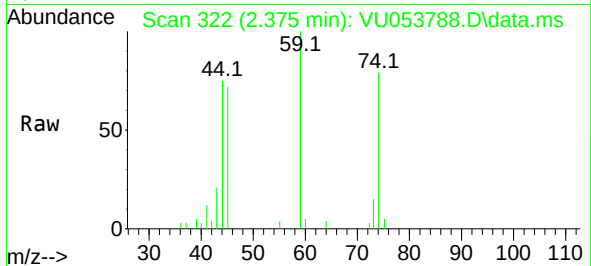




#23
Diethyl Ether
Concen: 0.961 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

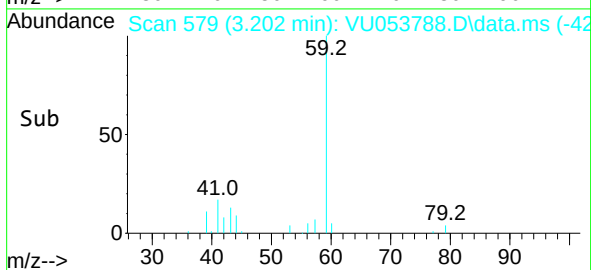
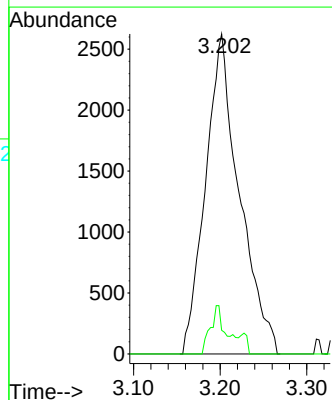
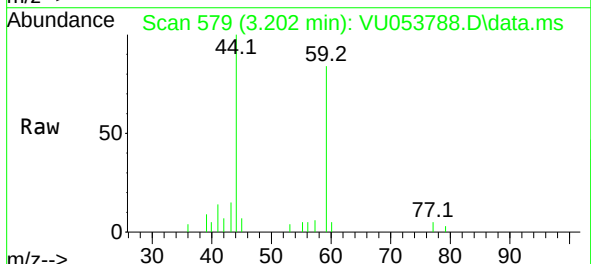
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

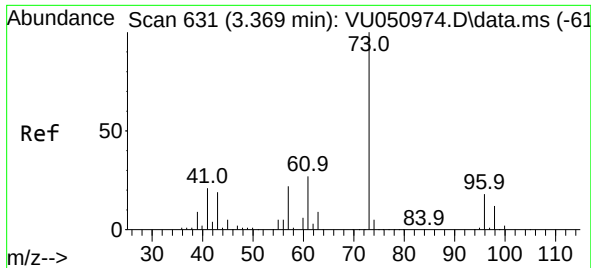
Tgt Ion: 59 Resp: 5833
Ion Ratio Lower Upper
59 100
45 67.7 56.1 84.1
74 81.3 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 9.018 ug/l
RT: 3.202 min Scan# 579
Delta R.T. 0.013 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 59 Resp: 7110
Ion Ratio Lower Upper
59 100
57 7.1 105.6 158.4#

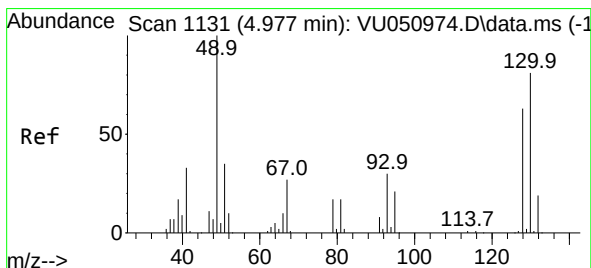
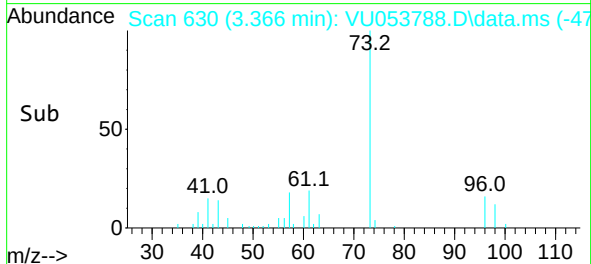
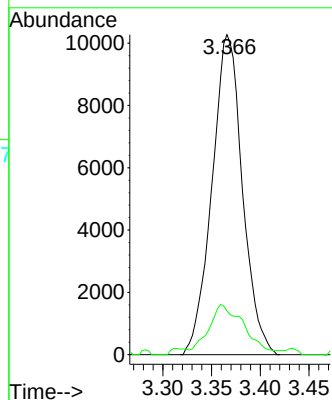
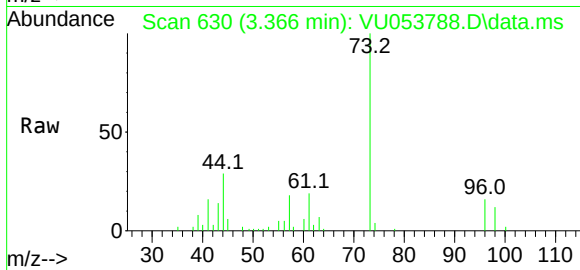




#25
Methyl tert-Butyl Ether
Concen: 0.973 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

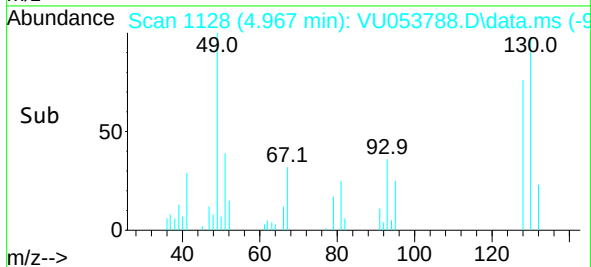
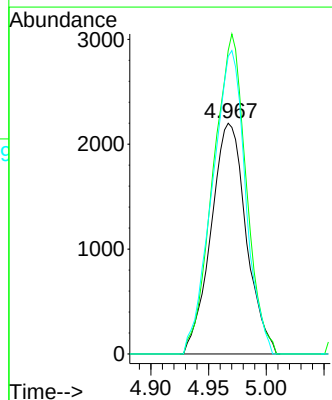
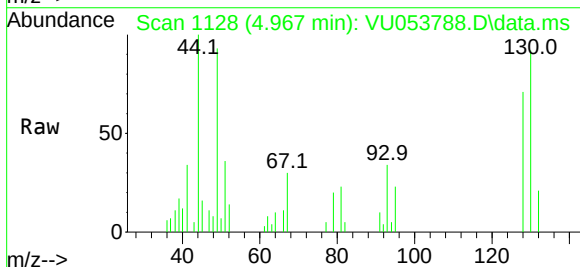
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

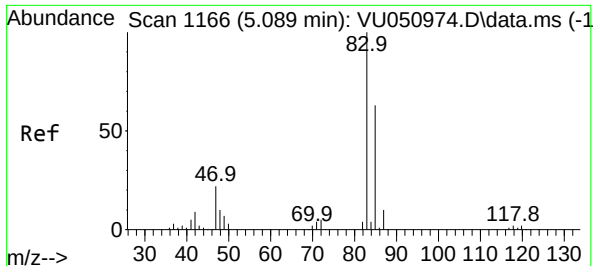
Tgt Ion: 73 Resp: 22349
Ion Ratio Lower Upper
73 100
43 18.4 15.0 22.6



#26
Bromochloromethane
Concen: 0.943 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 128 Resp: 4644
Ion Ratio Lower Upper
128 100
49 130.4 0.0 324.6
130 125.0 103.0 154.4





#27

Chloroform

Concen: 0.963 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

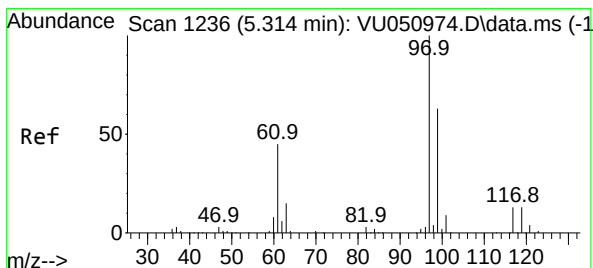
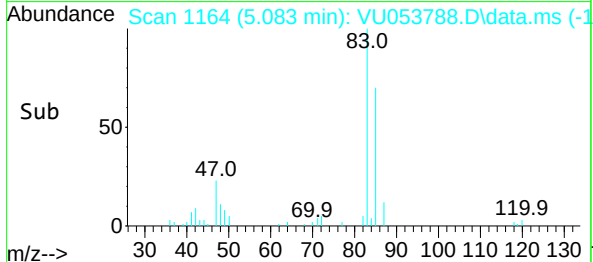
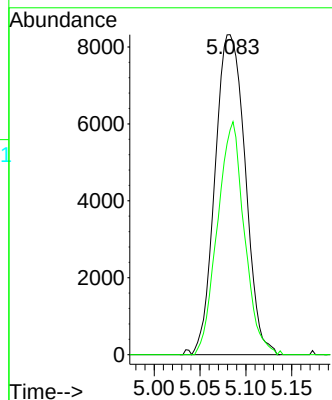
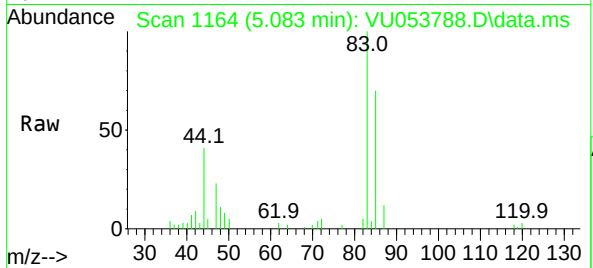
LOQ-WATER-02-QT2-2023

Tgt Ion: 83 Resp: 19089

Ion Ratio Lower Upper

83 100

85 70.3 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 0.901 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

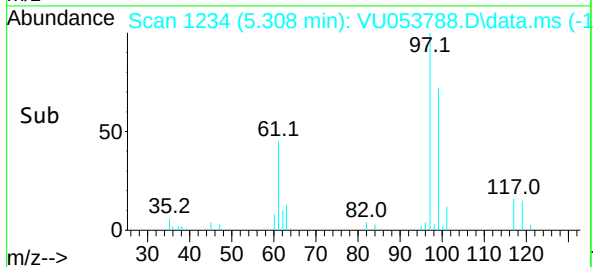
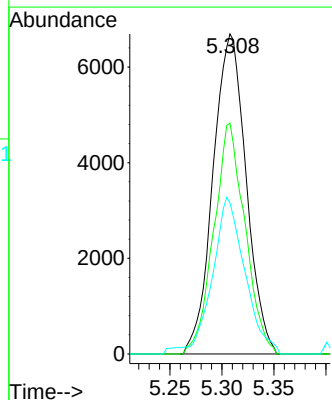
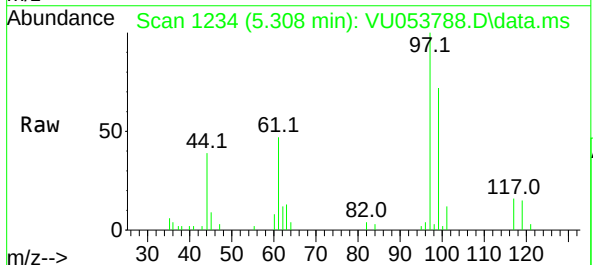
Tgt Ion: 97 Resp: 14801

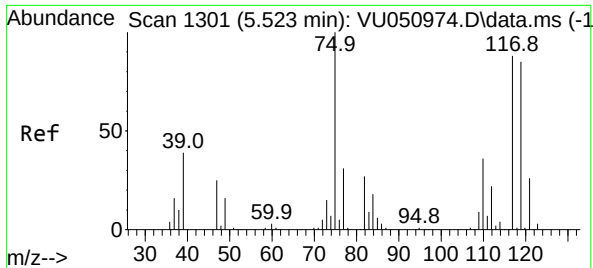
Ion Ratio Lower Upper

97 100

99 68.0 32.0 96.2

61 48.4 22.9 68.5

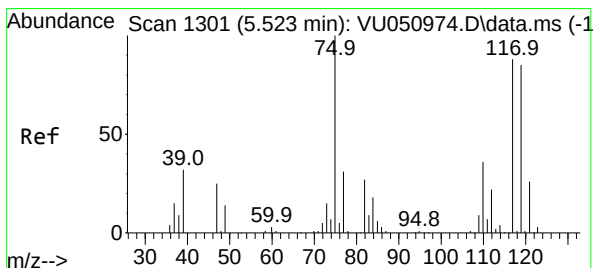
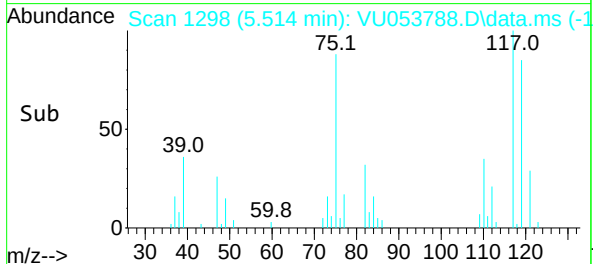
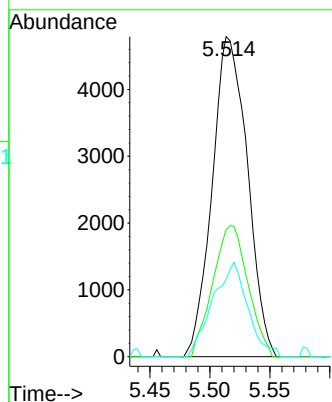
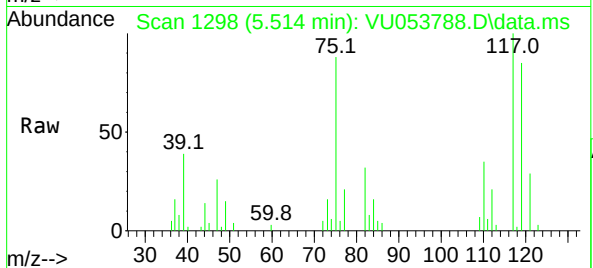




#29
1,1-Dichloropropene
Concen: 0.933 ug/l
RT: 5.514 min Scan# 1298
Delta R.T. -0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

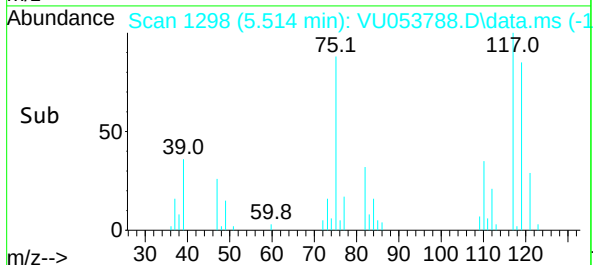
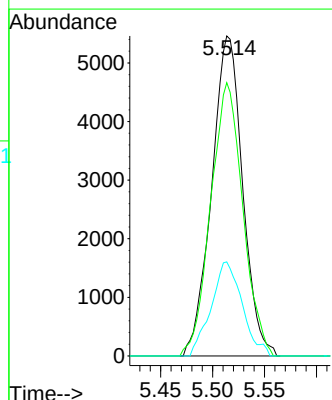
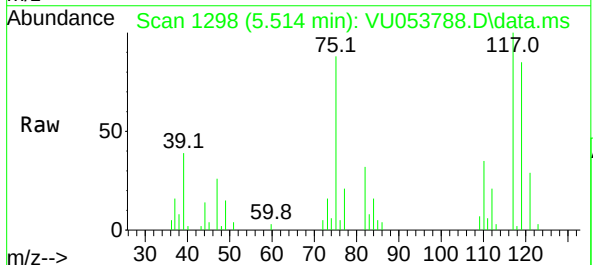
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

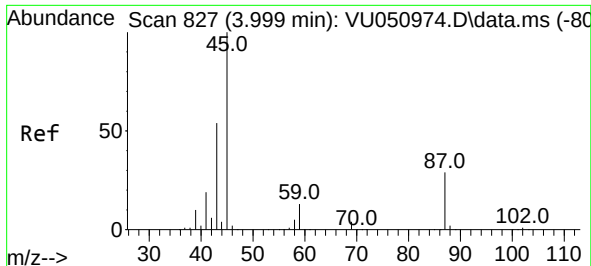
Tgt Ion:	75	Resp:	9764
Ion	Ratio	Lower	Upper
75	100		
110	41.0	18.0	54.0
77	29.4	24.7	37.1



#30
Carbon Tetrachloride
Concen: 0.963 ug/l
RT: 5.514 min Scan# 1298
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion:	117	Resp:	11328
Ion	Ratio	Lower	Upper
117	100		
119	85.4	77.4	116.0
121	29.4	24.0	36.0

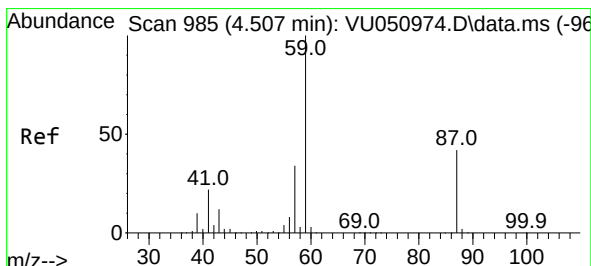
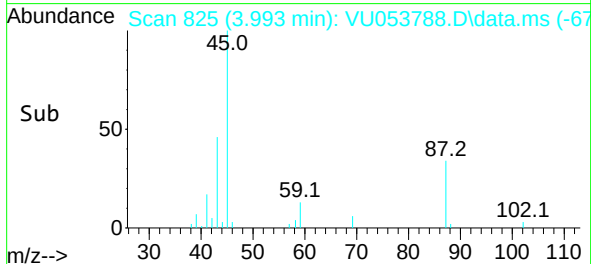
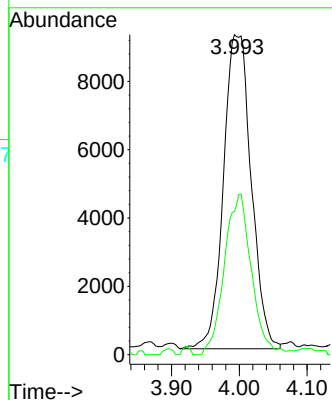
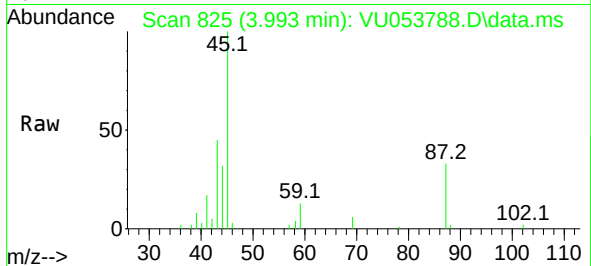




#31
Isopropyl Ether
Concen: 0.988 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

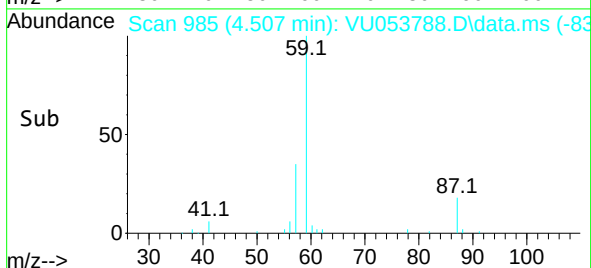
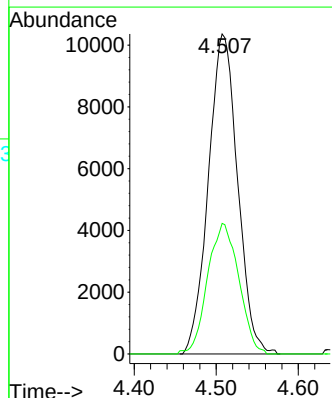
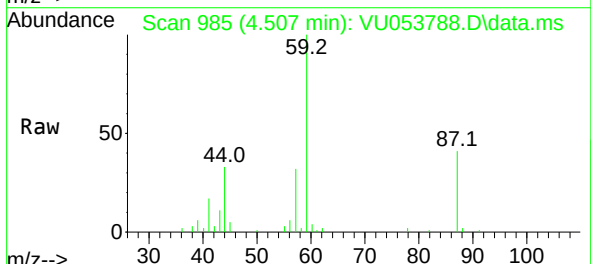
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

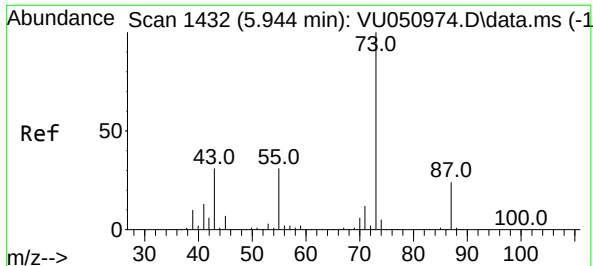
Tgt Ion: 45 Resp: 26237
Ion Ratio Lower Upper
45 100
43 49.1 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 0.954 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 59 Resp: 25639
Ion Ratio Lower Upper
59 100
87 43.6 33.5 50.3

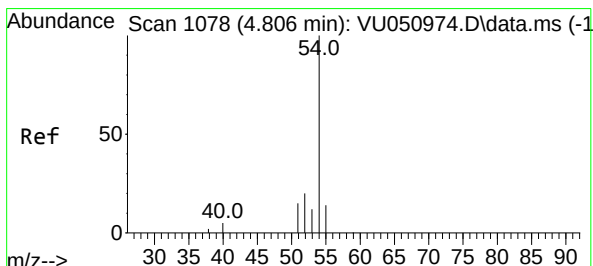
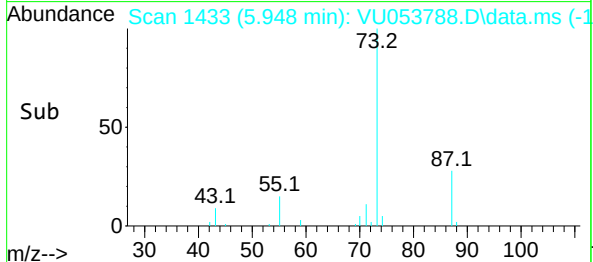
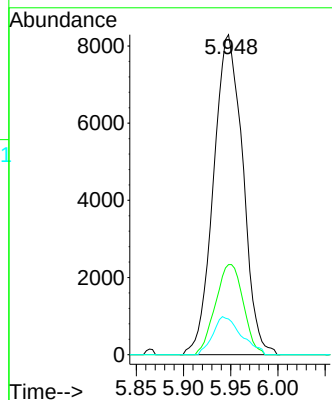
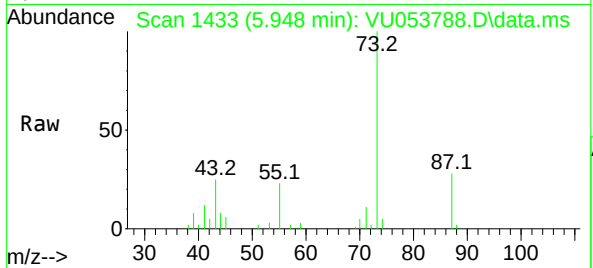




#33
Tert-Amyl methyl ether
Concen: 0.908 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.004 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

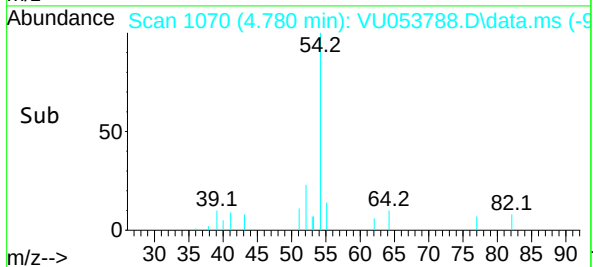
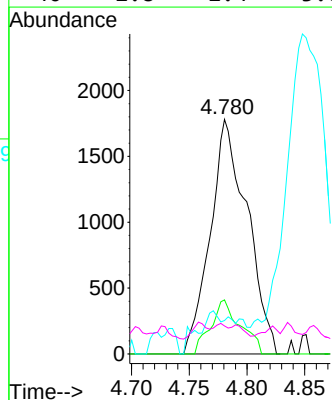
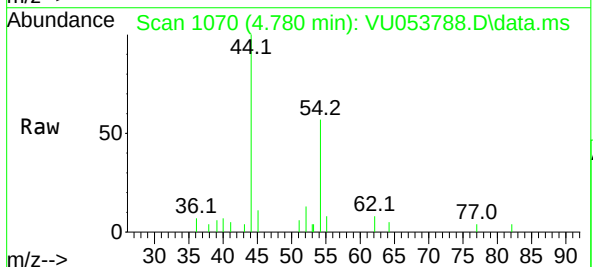
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

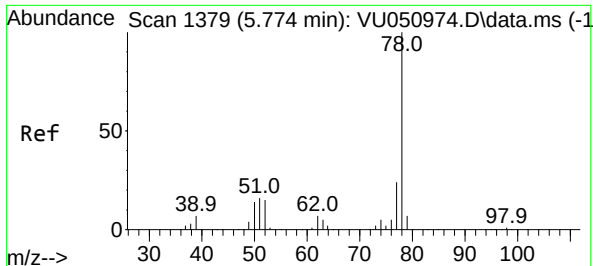
Tgt Ion: 73	Resp: 17831
Ion Ratio	Lower Upper
73 100	
87 26.8	18.6 28.0
71 11.5	9.9 14.9



#34
Propionitrile
Concen: 4.740 ug/l
RT: 4.780 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 54	Resp: 3951
Ion Ratio	Lower Upper
54 100	
52 18.6	17.4 26.0
55 0.0	104.1 156.1#
40 2.8	2.4 3.6

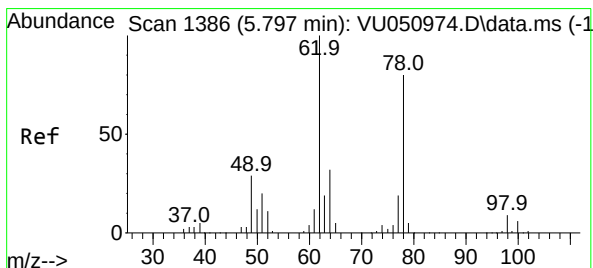
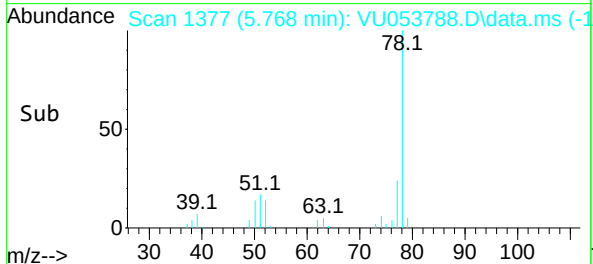
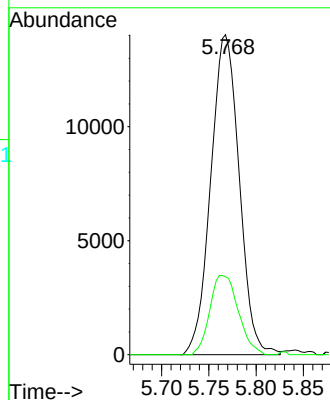
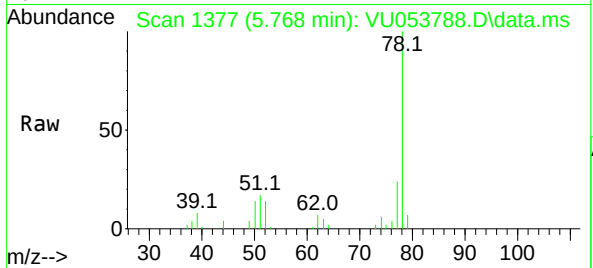




#35
Benzene
Concen: 0.912 ug/l
RT: 5.768 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

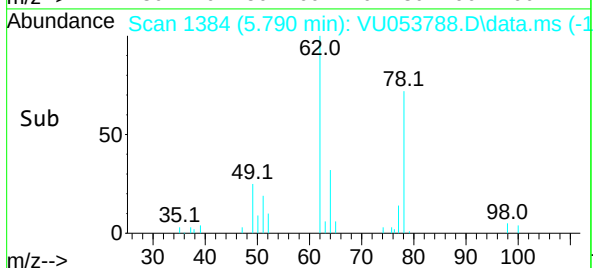
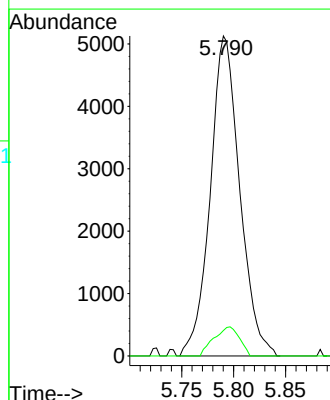
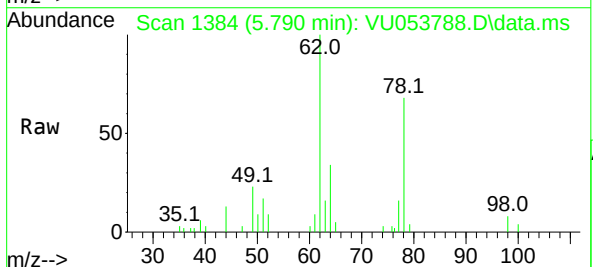
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

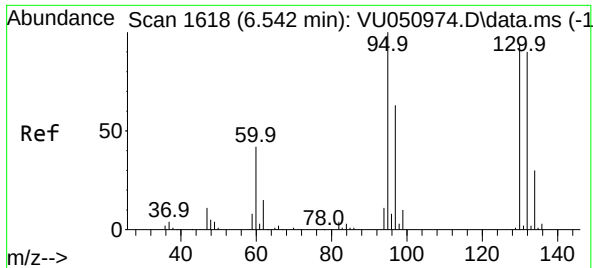
Tgt Ion: 78 Resp: 29379
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3



#36
1,2-Dichloroethane
Concen: 1.000 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 62 Resp: 10124
Ion Ratio Lower Upper
62 100
98 7.9 7.3 10.9





#37

Trichloroethene

Concen: 0.912 ug/l

RT: 6.539 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

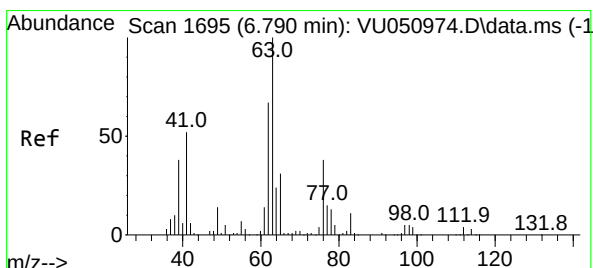
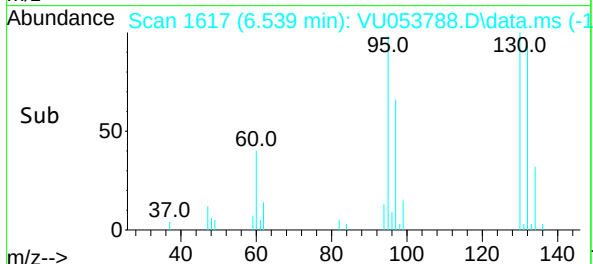
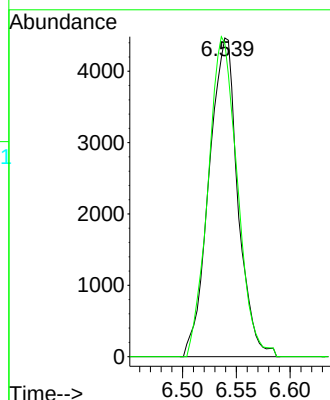
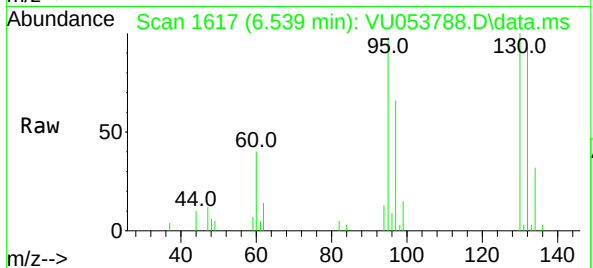
LOQ-WATER-02-QT2-2023

Tgt Ion:130 Resp: 8347

Ion Ratio Lower Upper

130 100

95 98.3 85.0 127.6



#38

1,2-Dichloropropane

Concen: 0.943 ug/l

RT: 6.787 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU053788.D

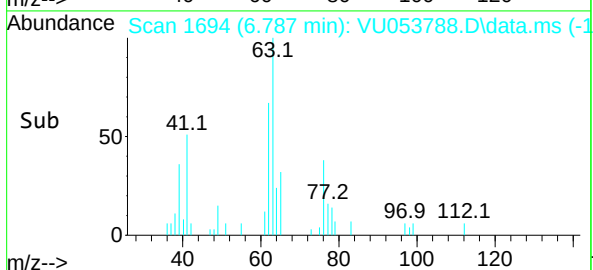
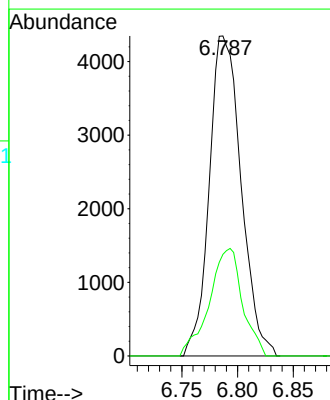
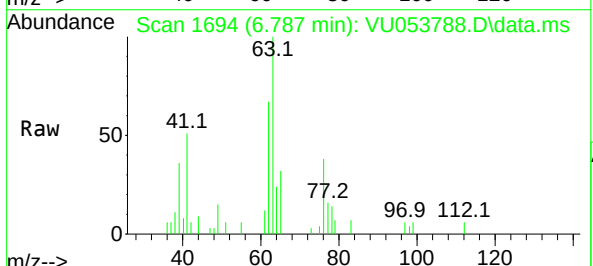
Acq: 19 Apr 2023 18:12

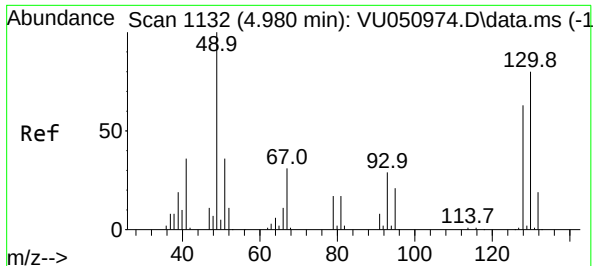
Tgt Ion: 63 Resp: 8645

Ion Ratio Lower Upper

63 100

65 31.8 24.9 37.3





#39

Methacrylonitrile

Concen: 0.993 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU053788.D

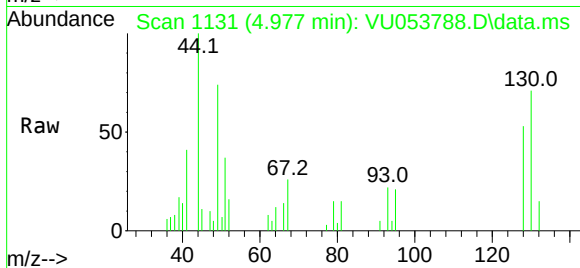
Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion: 41 Resp: 3304

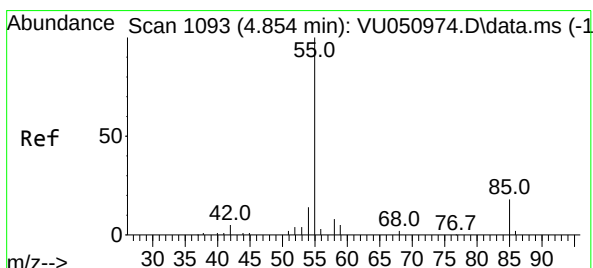
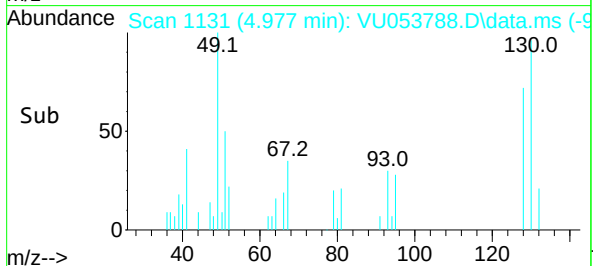
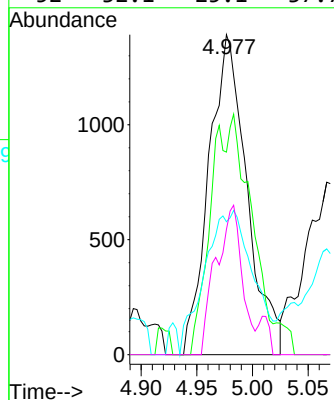
Ion Ratio Lower Upper

41 100

67 34.5 66.8 100.2#

39 27.9 41.2 61.8#

52 32.1 25.1 37.7



#40

Methyl acrylate

Concen: 0.974 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. 0.003 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Tgt Ion: 55 Resp: 5351

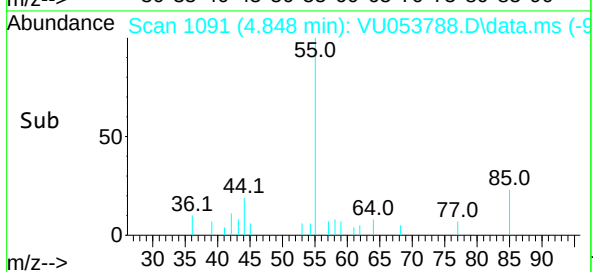
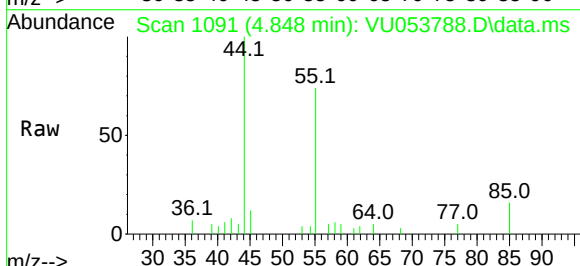
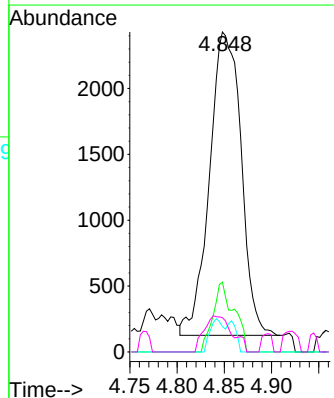
Ion Ratio Lower Upper

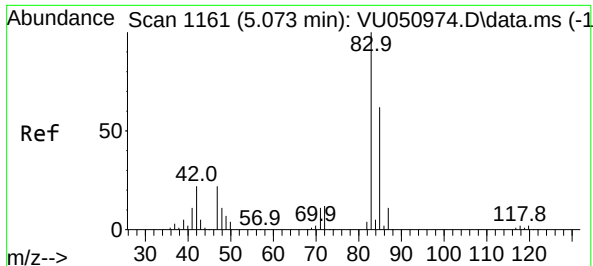
55 100

85 15.2 13.3 19.9

58 2.8 6.5 9.7#

42 3.0 5.9 8.9#





#41

Tetrahydrofuran

Concen: 2.171 ug/l

RT: 5.063 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

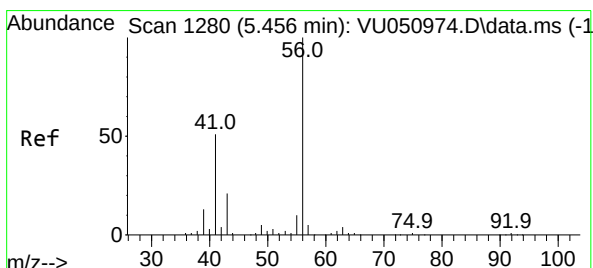
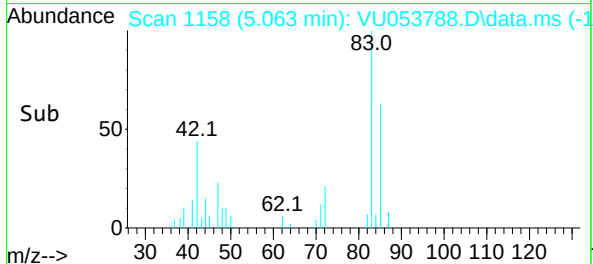
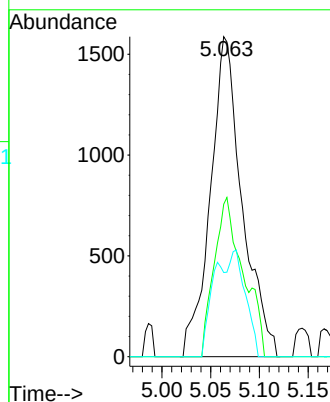
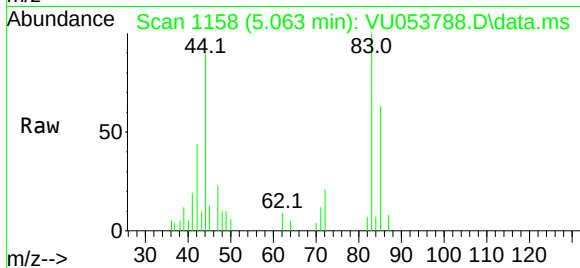
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:	42	Resp:	3598
Ion Ratio	Lower	Upper	
42	100		
72	45.4	40.9	61.3
71	13.2	36.9	55.3



#42

1-Chlorobutane

Concen: 0.990 ug/l

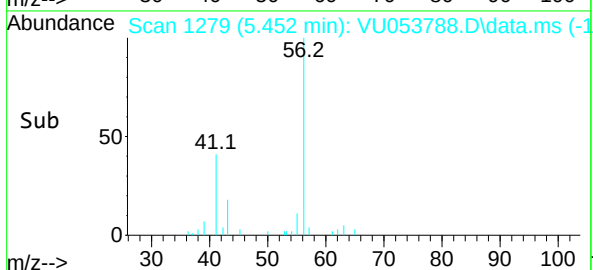
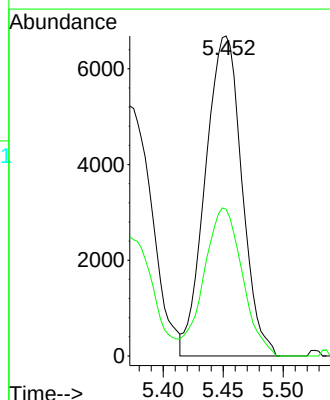
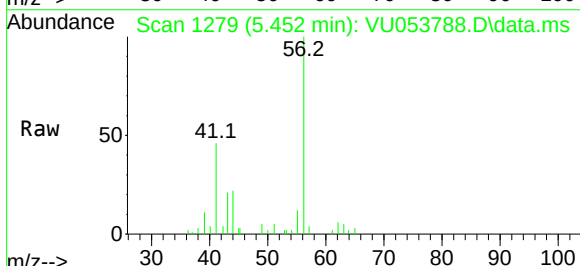
RT: 5.452 min Scan# 1279

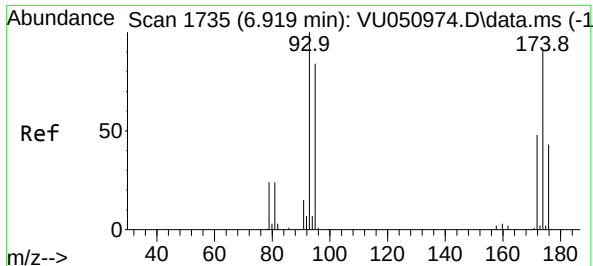
Delta R.T. 0.003 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Tgt Ion:	56	Resp:	14138
Ion Ratio	Lower	Upper	
56	100		
41	48.5	25.2	75.6





#43

Dibromomethane

Concen: 0.874 ug/l

RT: 6.915 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU053788.D

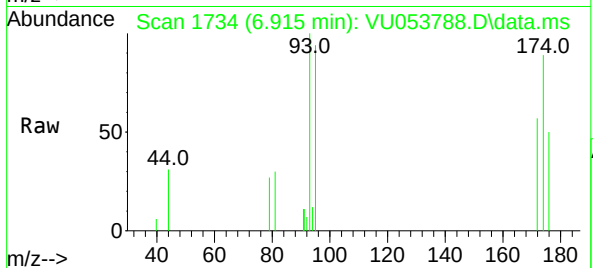
Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023



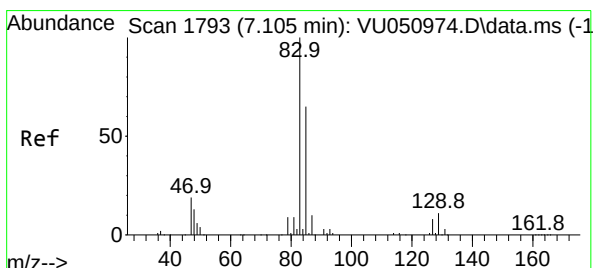
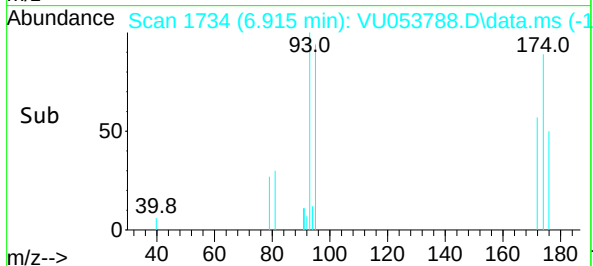
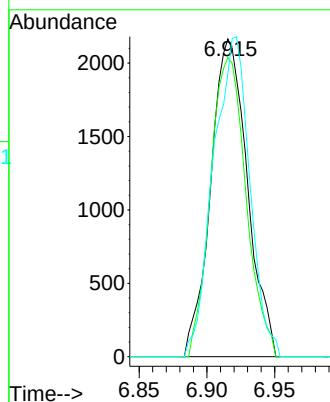
Tgt Ion: 93 Resp: 4067

Ion Ratio Lower Upper

93 100

95 91.5 67.0 100.6

174 99.8 73.8 110.6



#44

Bromodichloromethane

Concen: 0.867 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

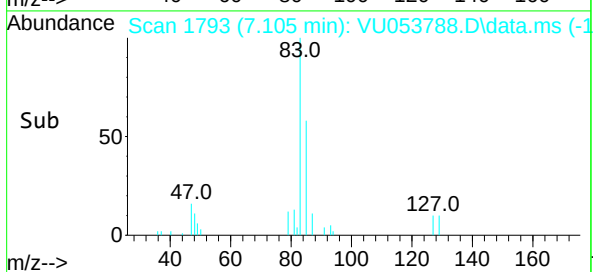
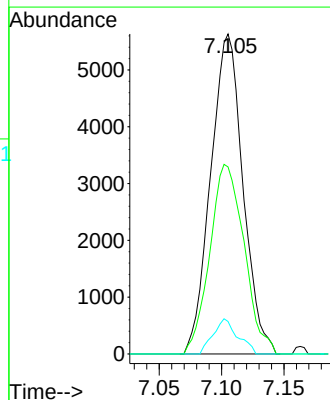
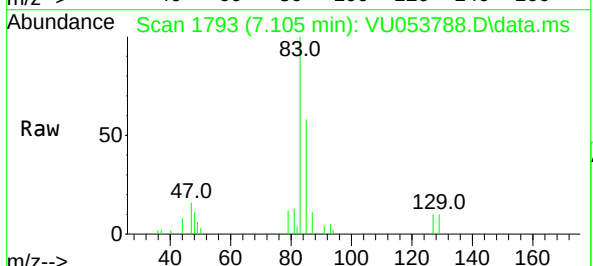
Tgt Ion: 83 Resp: 10165

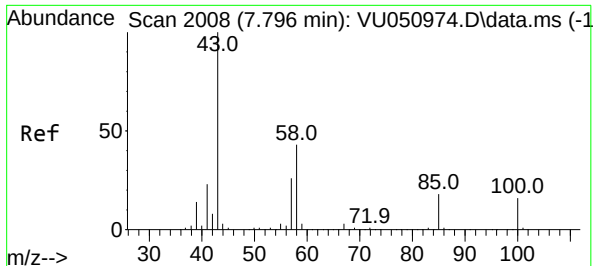
Ion Ratio Lower Upper

83 100

85 58.5 51.9 77.9

127 10.2 6.7 10.1#





#45

4-Methyl-2-Pentanone

Concen: 4.609 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

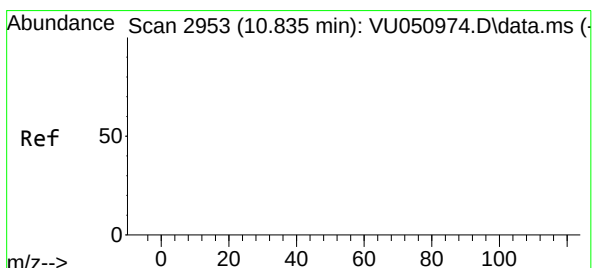
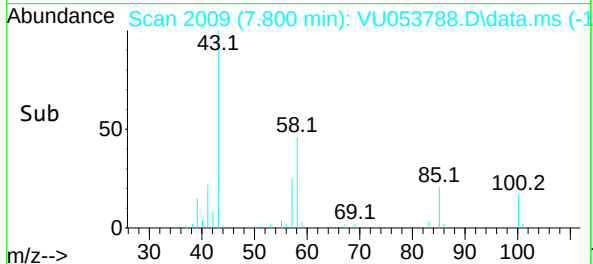
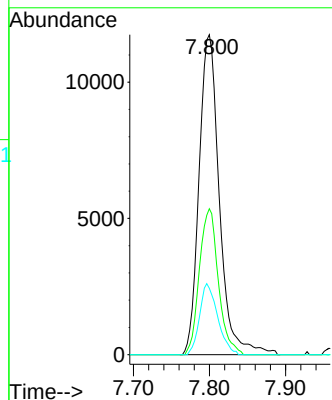
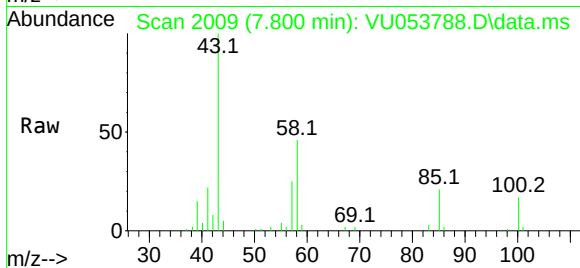
Tgt Ion: 43 Resp: 21804

Ion Ratio Lower Upper

43 100

58 42.6 20.9 62.8

85 19.7 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 4.634 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.010 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Tgt Ion: 75 Resp: 9103

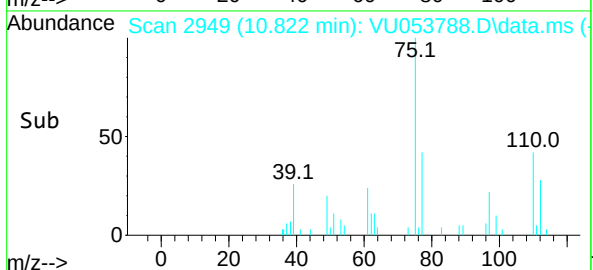
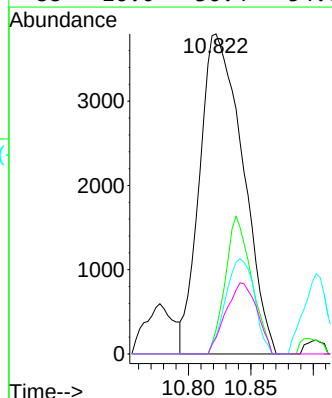
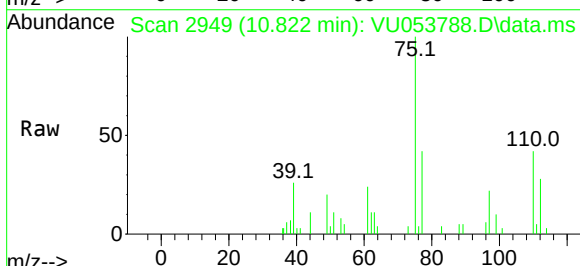
Ion Ratio Lower Upper

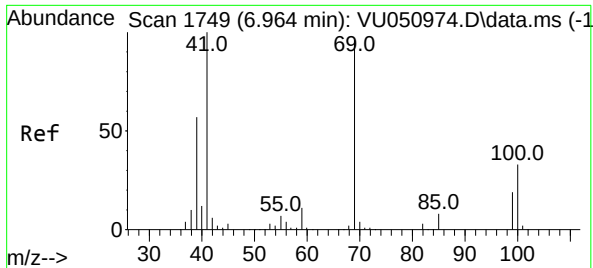
75 100

53 26.1 73.3 109.9#

89 20.0 48.2 72.4#

88 16.0 36.4 54.6#





#47

Methyl methacrylate

Concen: 1.699 ug/l

RT: 6.967 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 69 Resp: 6942

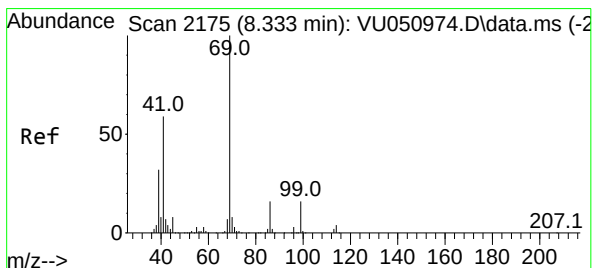
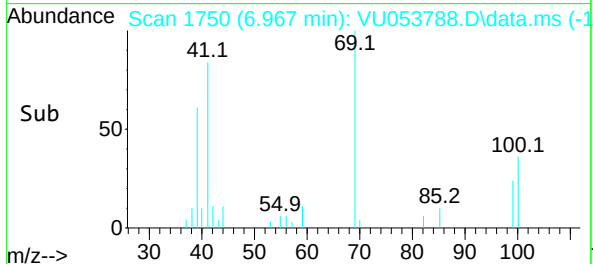
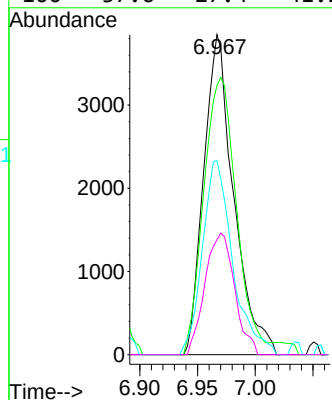
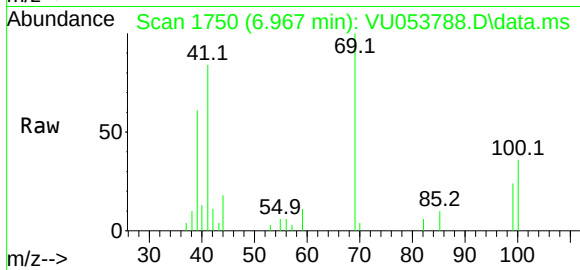
Ion Ratio Lower Upper

69 100

41 94.7 0.0 209.2

39 61.4 46.7 70.1

100 37.6 27.4 41.2



#48

Ethyl methacrylate

Concen: 0.797 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU053788.D

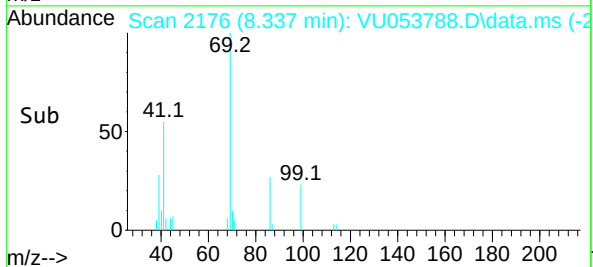
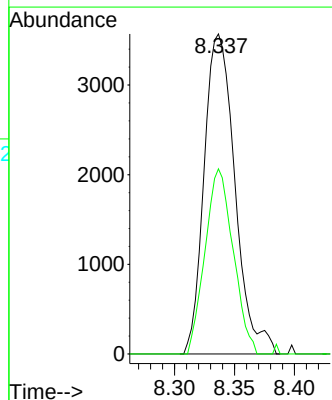
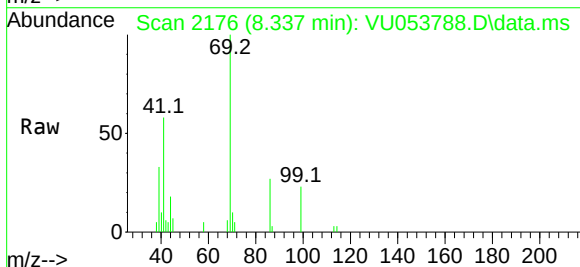
Acq: 19 Apr 2023 18:12

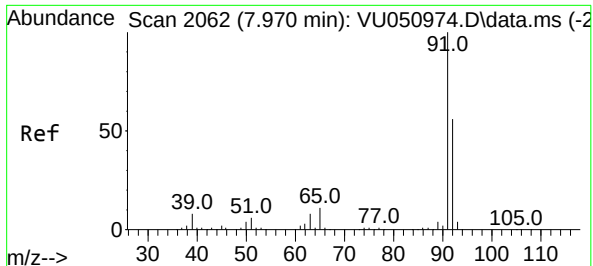
Tgt Ion: 69 Resp: 6385

Ion Ratio Lower Upper

69 100

41 52.7 30.3 90.8





#49

Toluene

Concen: 0.852 ug/l

RT: 7.967 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

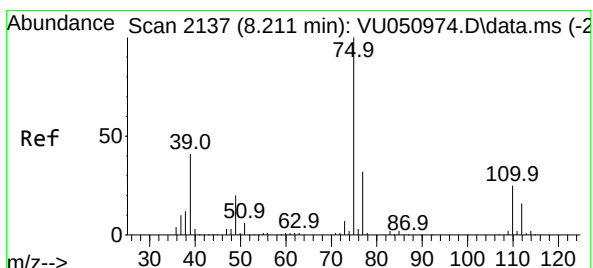
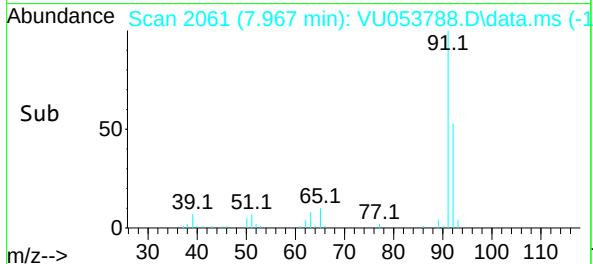
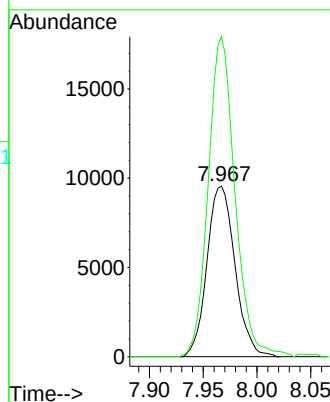
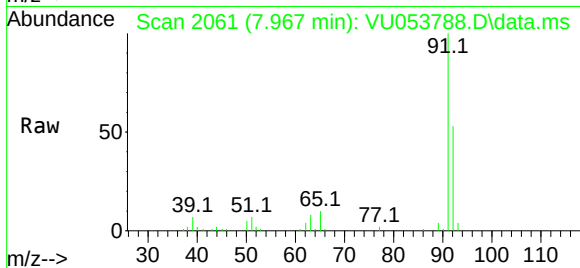
LOQ-WATER-02-QT2-2023

Tgt Ion: 92 Resp: 17290

Ion Ratio Lower Upper

92 100

91 179.7 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 0.847 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU053788.D

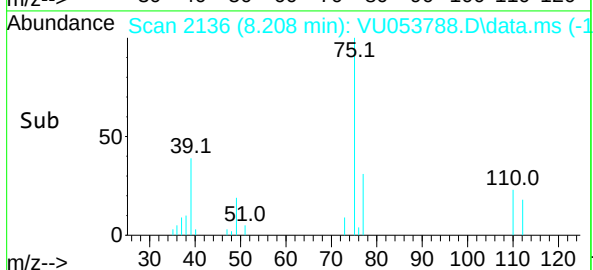
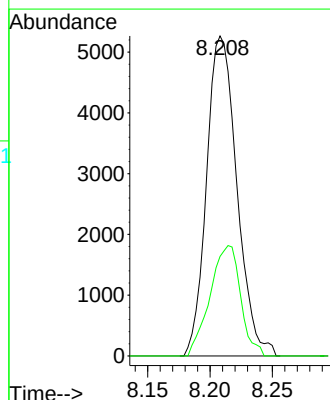
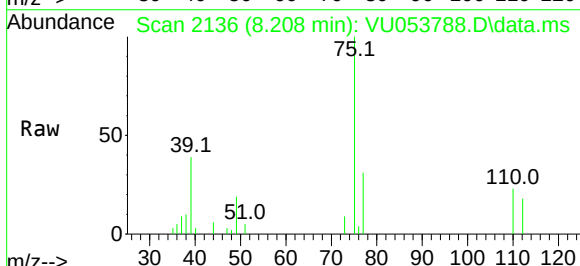
Acq: 19 Apr 2023 18:12

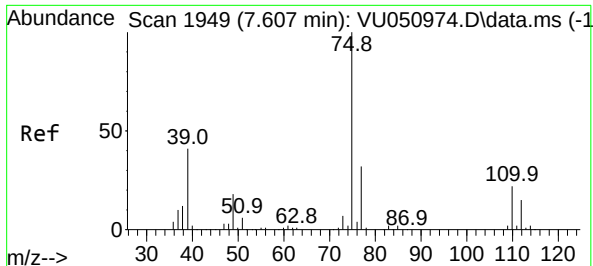
Tgt Ion: 75 Resp: 8925

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

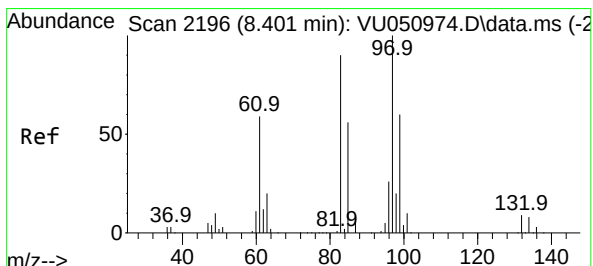
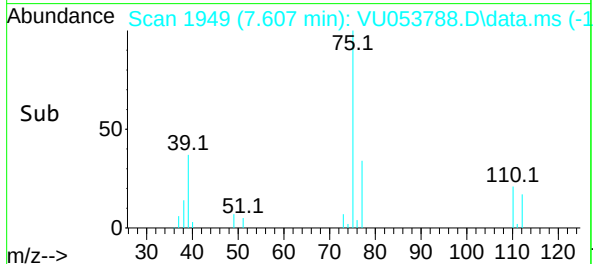
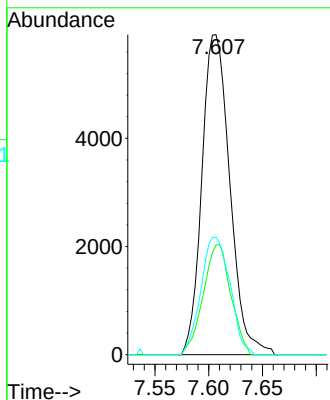
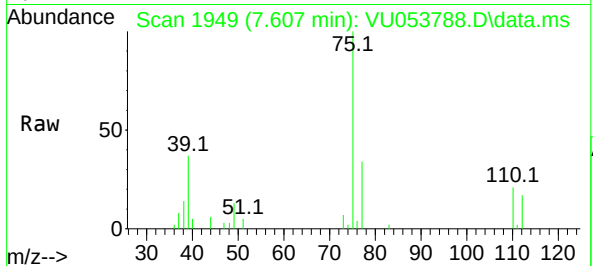




#51
 cis-1,3-Dichloropropene
 Concen: 0.850 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU053788.D
 Acq: 19 Apr 2023 18:12

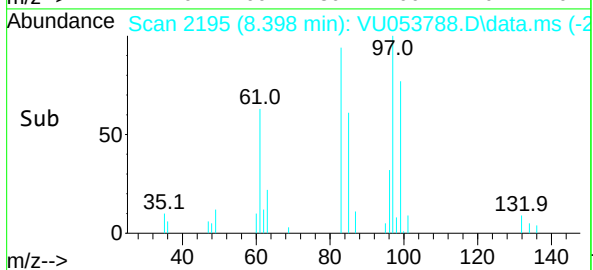
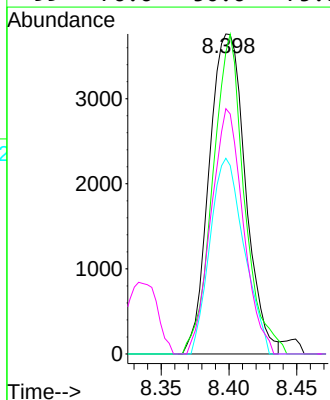
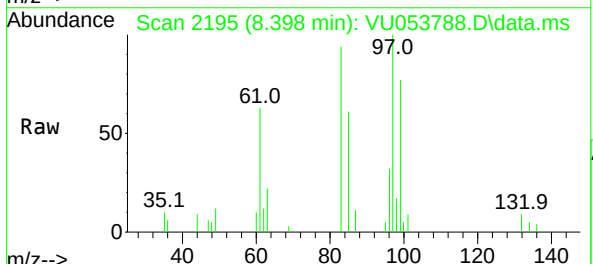
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT2-2023

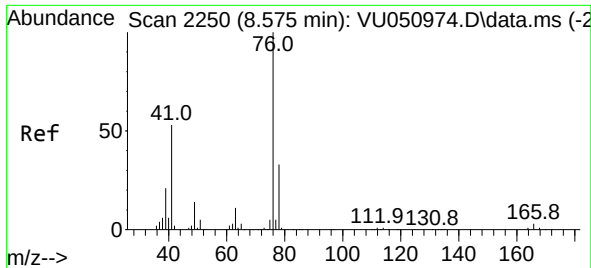
Tgt Ion:	75	Resp:	10691
Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.7	38.5
39	36.8	32.8	49.2



#52
 1,1,2-Trichloroethane
 Concen: 0.946 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU053788.D
 Acq: 19 Apr 2023 18:12

Tgt Ion:	97	Resp:	6983
Ion	Ratio	Lower	Upper
97	100		
83	94.4	71.8	107.8
85	61.1	45.2	67.8
99	76.6	50.6	75.8





#53

1,3-Dichloropropane

Concen: 0.936 ug/l

RT: 8.575 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

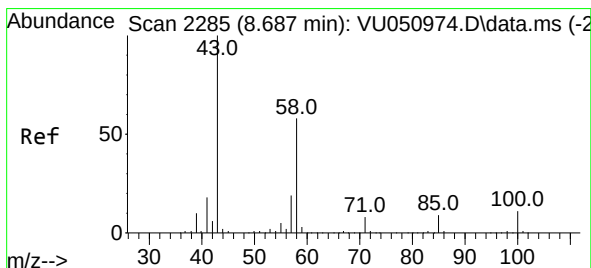
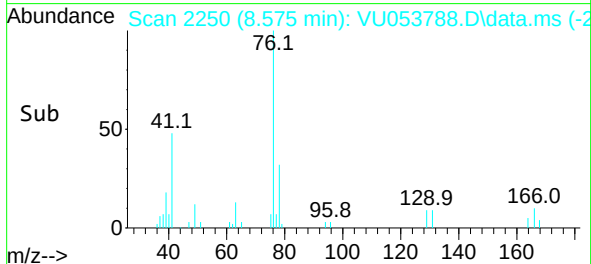
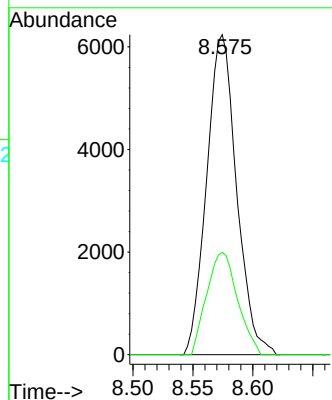
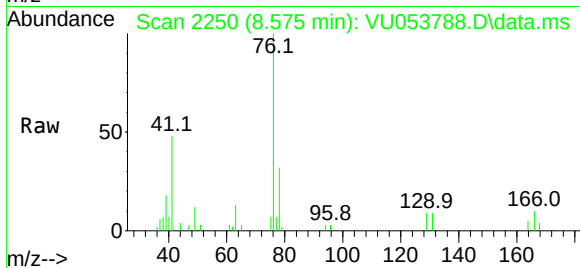
LOQ-WATER-02-QT2-2023

Tgt Ion: 76 Resp: 10814

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#54

2-Hexanone

Concen: 3.554 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

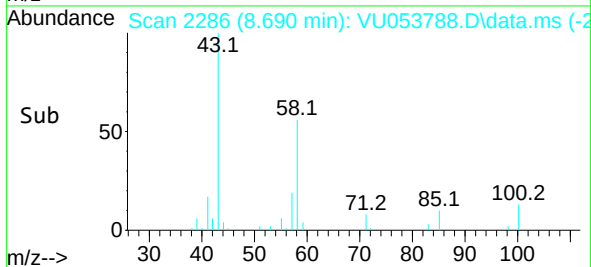
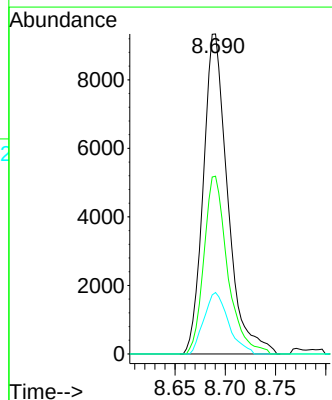
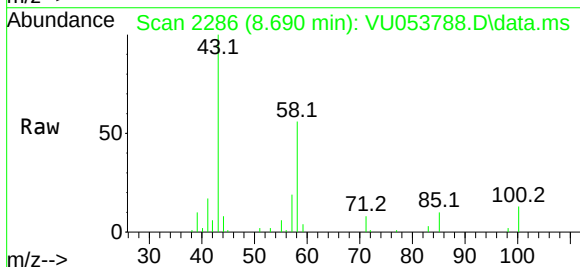
Tgt Ion: 43 Resp: 15769

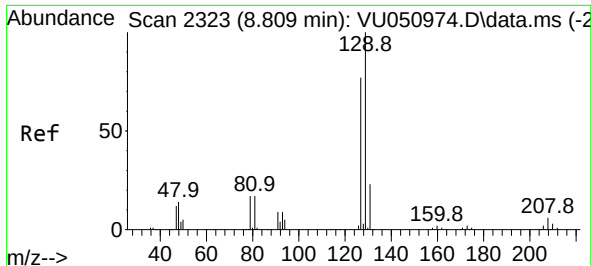
Ion Ratio Lower Upper

43 100

58 53.9 38.2 78.2

57 19.3 0.0 39.1

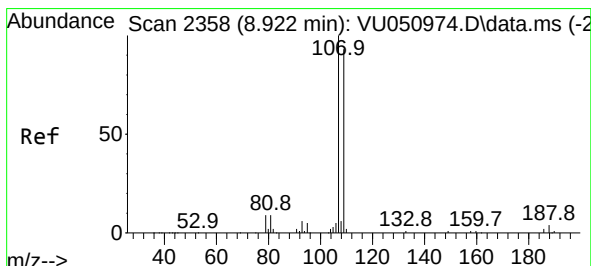
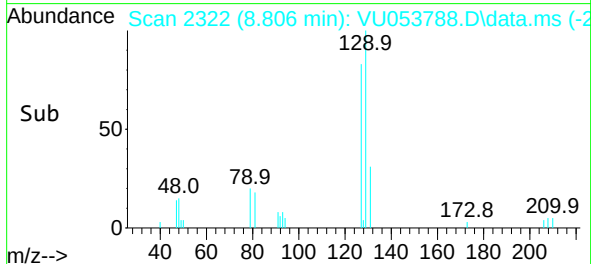
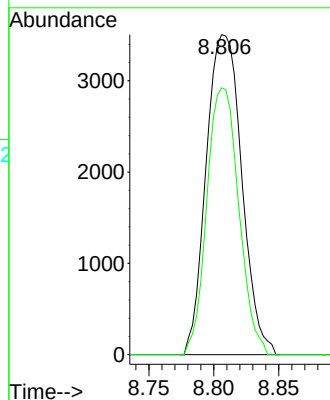
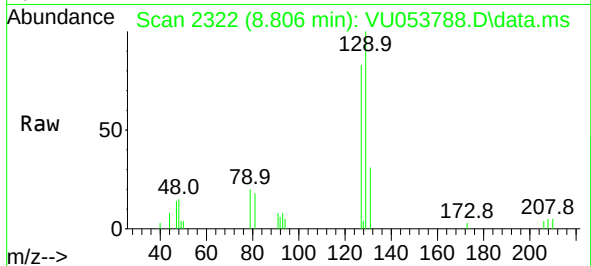




#55
Dibromochloromethane
Concen: 0.861 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

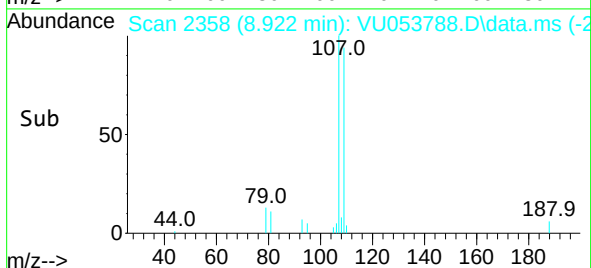
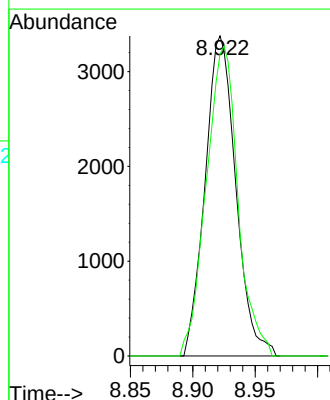
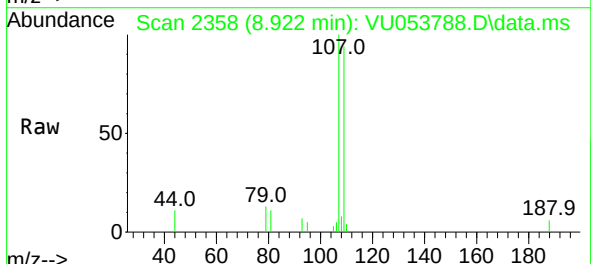
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

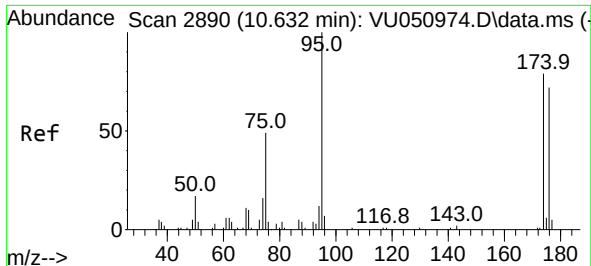
Tgt Ion:129 Resp: 6683
Ion Ratio Lower Upper
129 100
127 74.8 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.910 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion:107 Resp: 5790
Ion Ratio Lower Upper
107 100
109 100.0 0.0 184.4

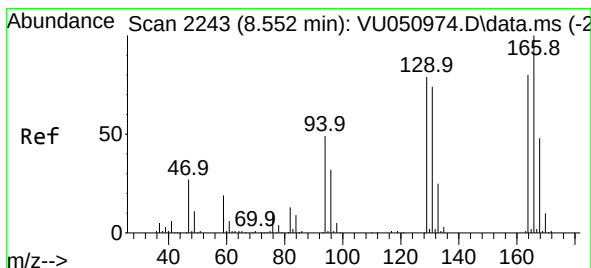
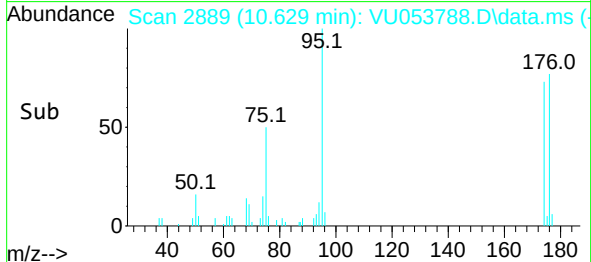
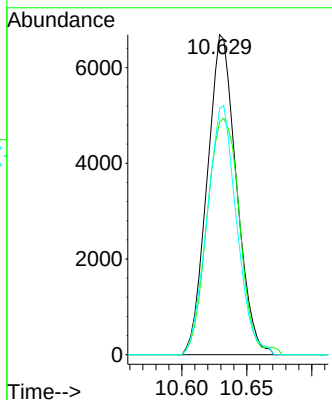
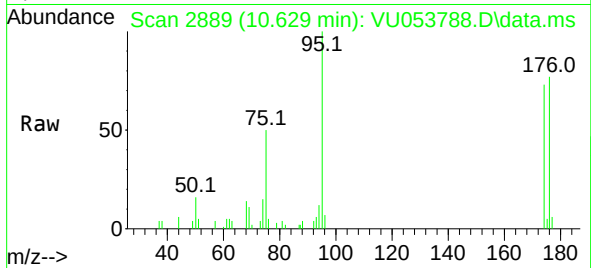




#57
4-Bromofluorobenzene
Concen: 0.914 ug/l
RT: 10.629 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

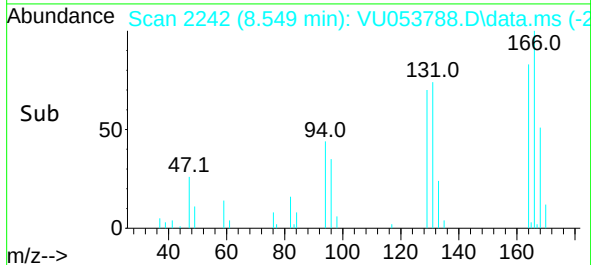
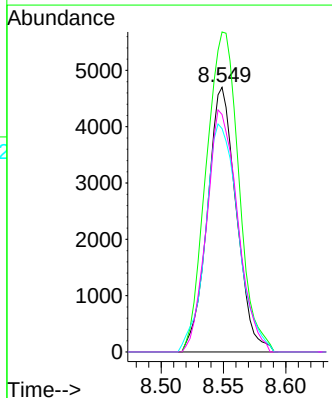
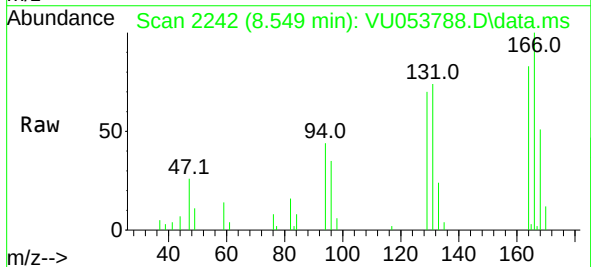
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

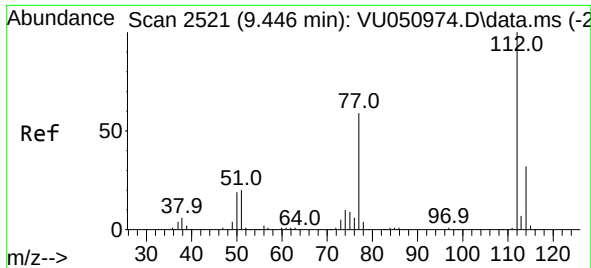
Tgt Ion: 95 Resp: 10449
Ion Ratio Lower Upper
95 100
174 82.0 63.3 94.9
176 78.7 59.3 88.9



#58
Tetrachloroethene
Concen: 0.857 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 164 Resp: 7585
Ion Ratio Lower Upper
164 100
166 120.9 99.6 149.4
129 84.4 78.6 117.8
131 89.7 73.4 110.0





#59

Chlorobenzene

Concen: 0.857 ug/l

RT: 9.443 min Scan# 21645

Delta R.T. -0.000 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

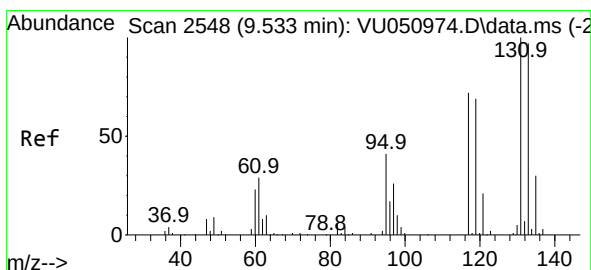
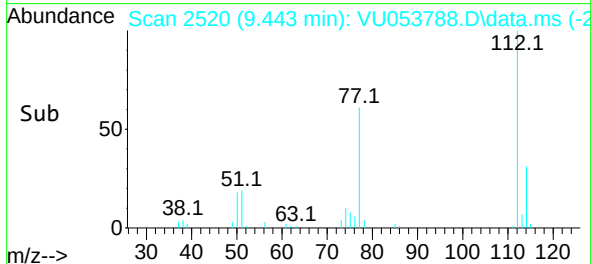
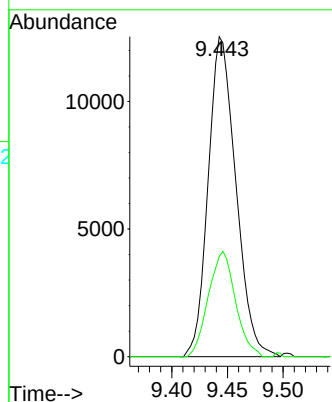
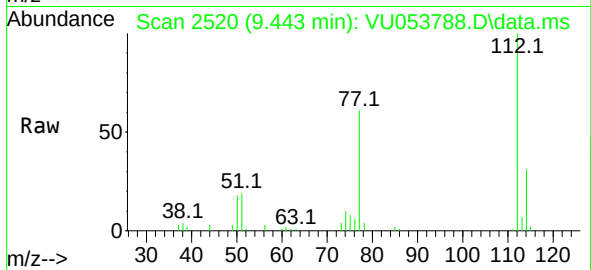
LOQ-WATER-02-QT2-2023

Tgt Ion:112 Resp: 21645

Ion Ratio Lower Upper

112 100

114 31.3 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 0.888 ug/l

RT: 9.529 min Scan# 2547

Delta R.T. -0.000 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

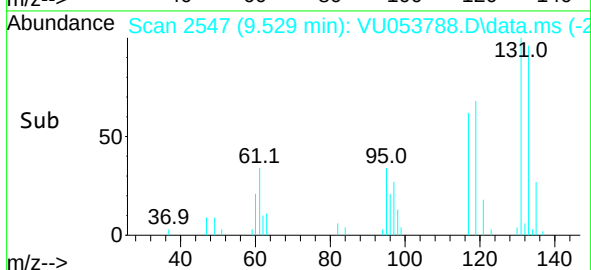
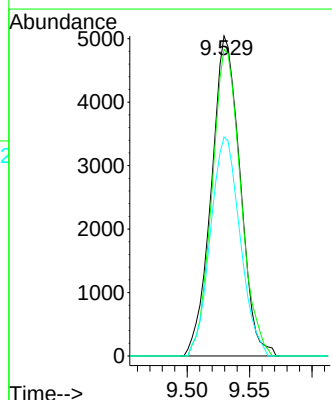
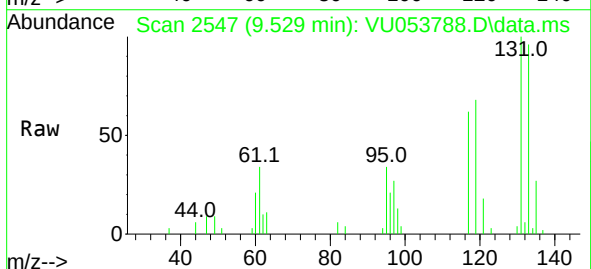
Tgt Ion:131 Resp: 8091

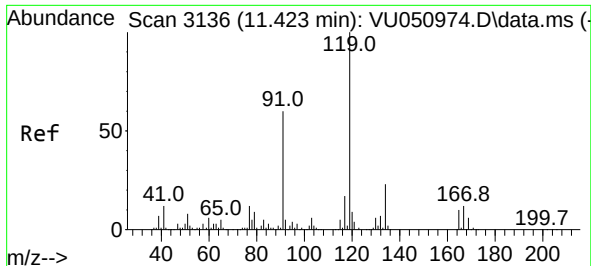
Ion Ratio Lower Upper

131 100

133 95.6 77.8 116.6

119 70.5 55.2 82.8

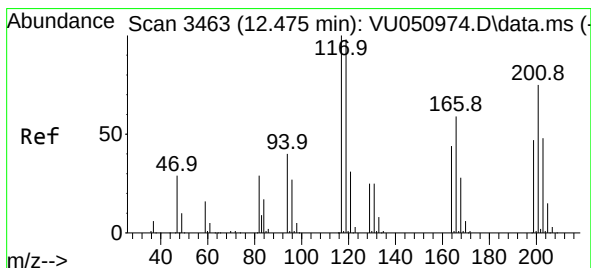
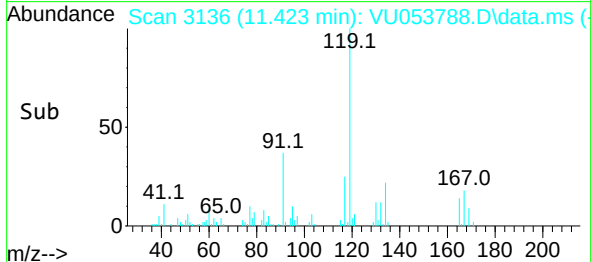
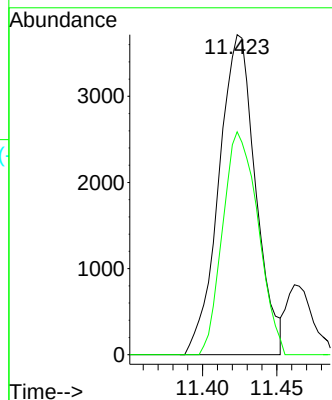
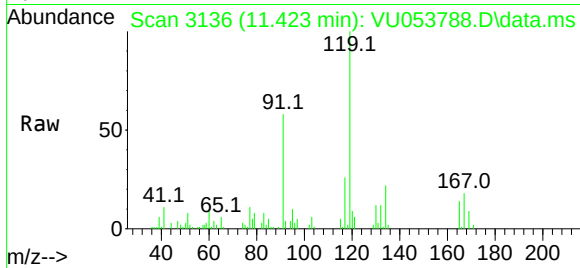




#61
Pentachloroethane
Concen: 0.912 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

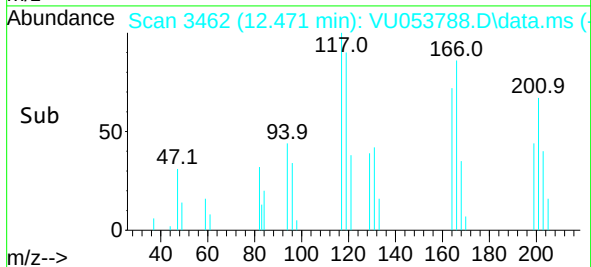
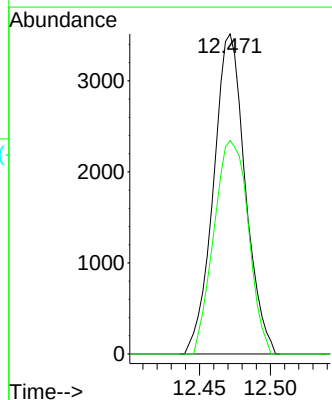
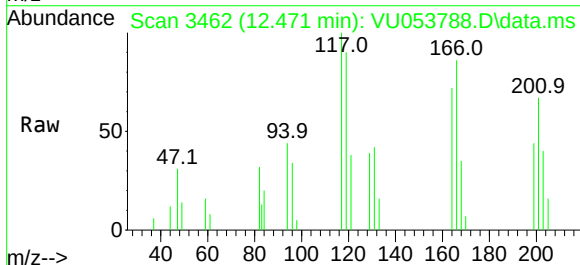
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

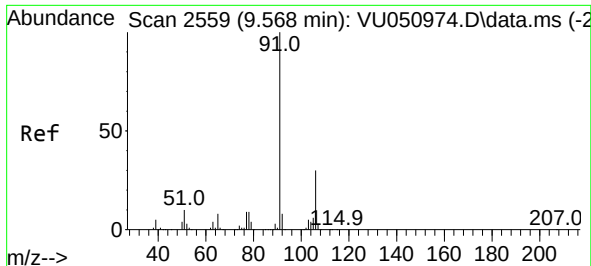
Tgt Ion:117 Resp: 6403
Ion Ratio Lower Upper
117 100
167 67.0 56.7 85.1



#62
Hexachloroethane
Concen: 0.800 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion:117 Resp: 5486
Ion Ratio Lower Upper
117 100
201 72.1 59.6 89.4

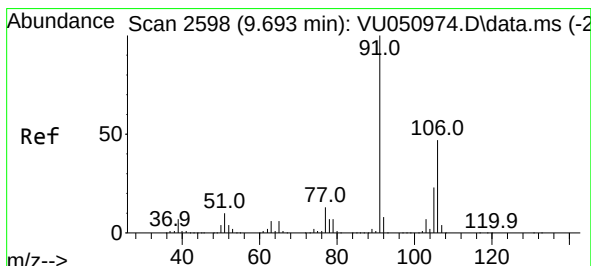
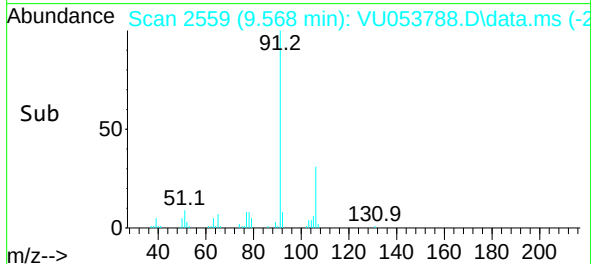
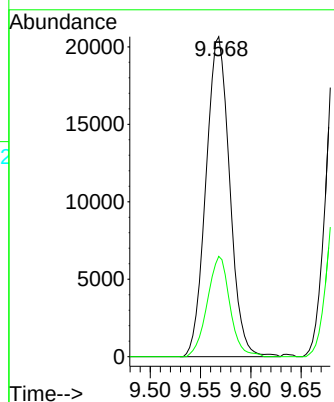
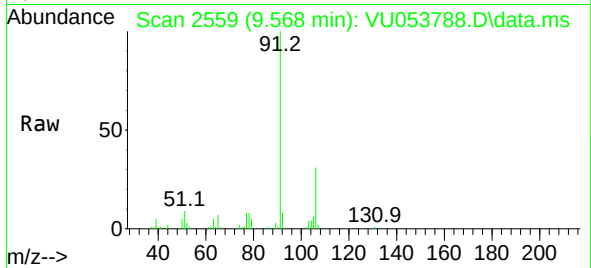




#63
Ethyl Benzene
Concen: 0.849 ug/l
RT: 9.568 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

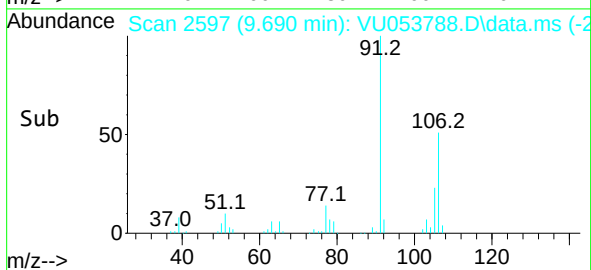
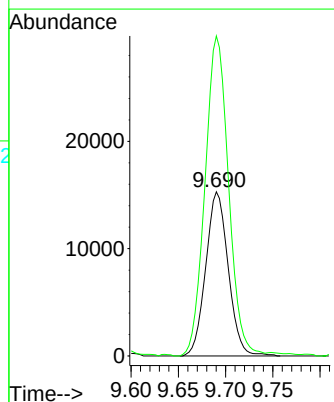
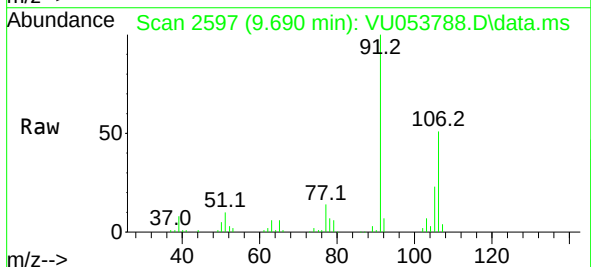
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

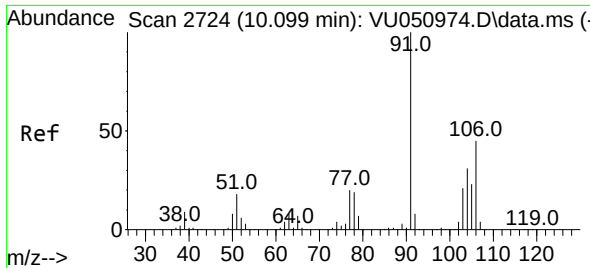
Tgt Ion: 91 Resp: 33864
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.2



#64
m/p-Xylenes
Concen: 1.612 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion:106 Resp: 25330
Ion Ratio Lower Upper
106 100
91 203.8 167.3 250.9

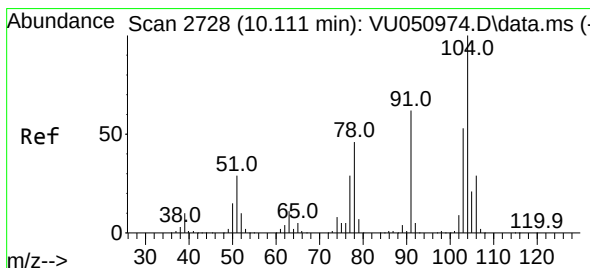
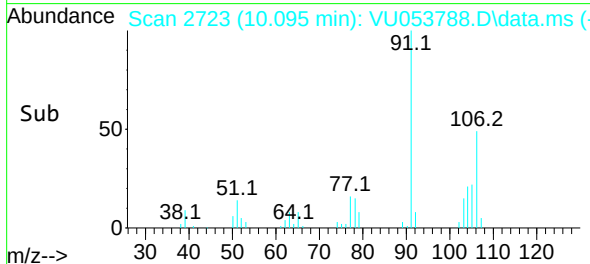
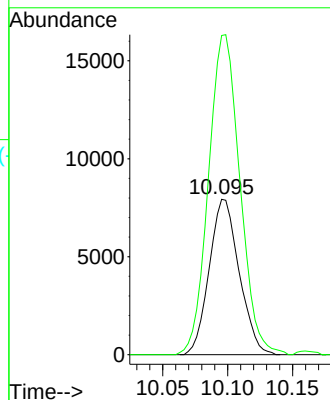
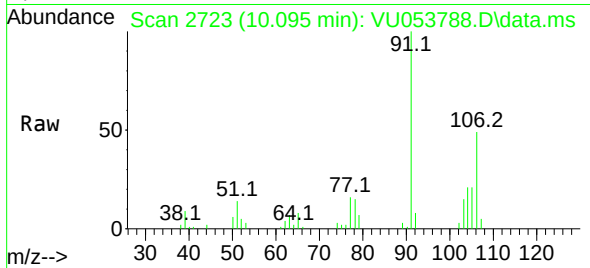




#65
o-Xylene
Concen: 0.803 ug/l
RT: 10.095 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

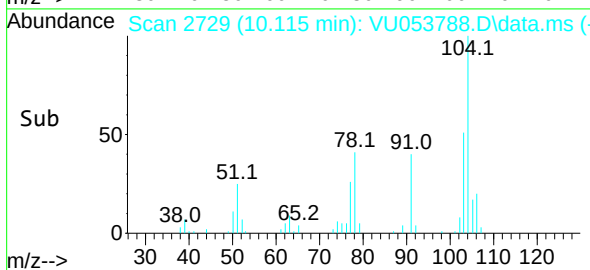
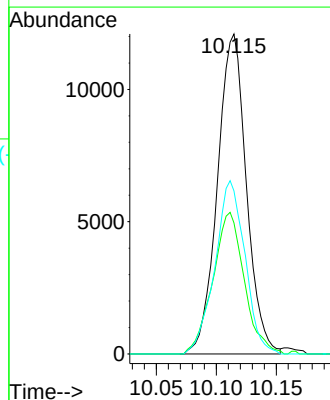
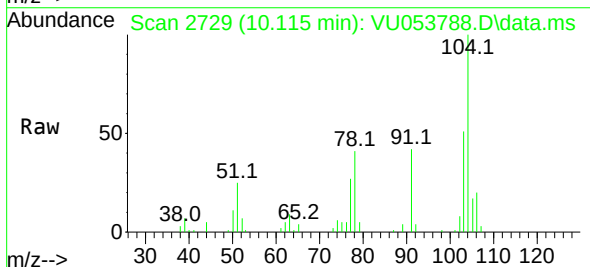
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

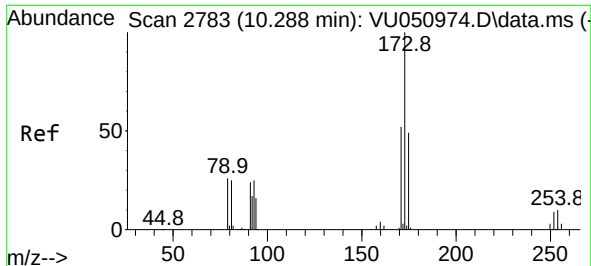
Tgt Ion:106 Resp: 12717
Ion Ratio Lower Upper
106 100
91 215.9 109.3 327.9



#66
Styrene
Concen: 0.808 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion:104 Resp: 20357
Ion Ratio Lower Upper
104 100
78 47.9 39.7 59.5
103 55.9 44.8 67.2

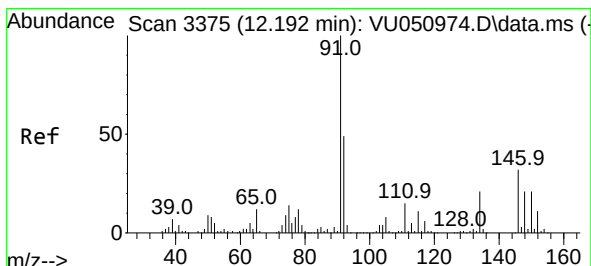
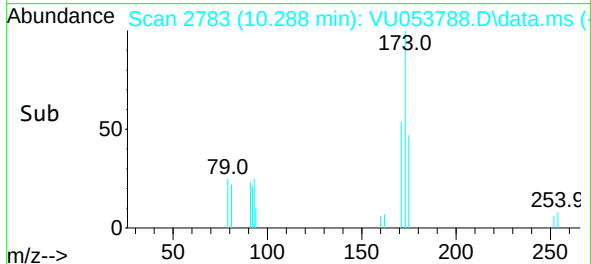
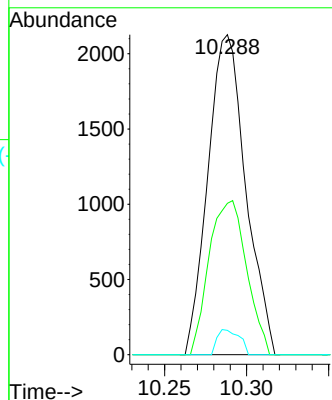
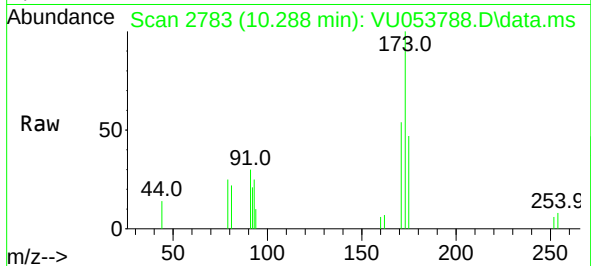




#67
Bromoform
Concen: 0.845 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

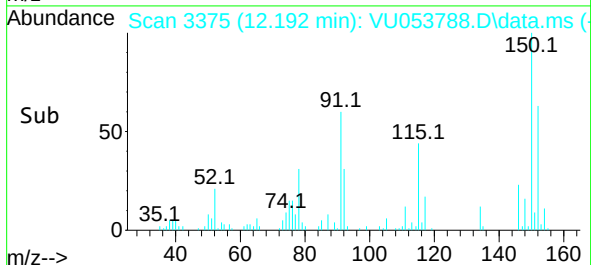
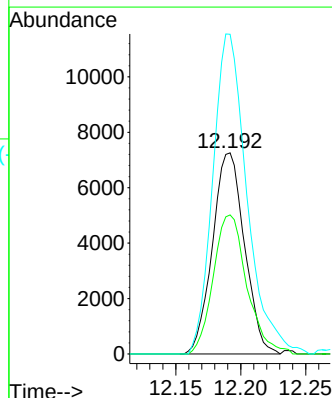
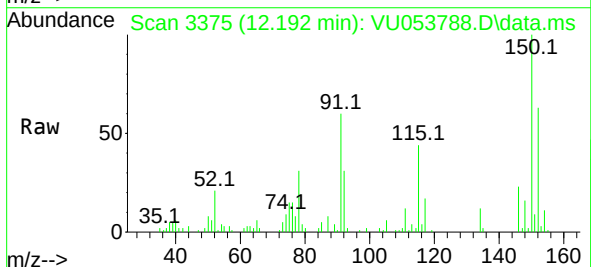
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

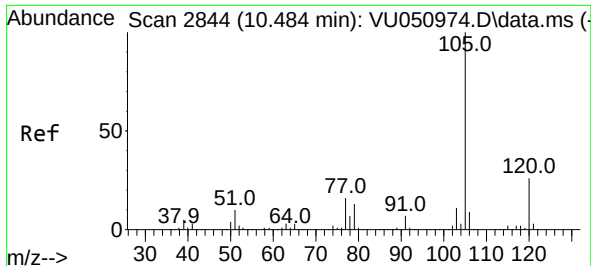
Tgt Ion:173 Resp: 3407
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.6
254 4.6 7.4 11.0#



#68
1,2-Dichlorobenzene-d4
Concen: 0.915 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion:152 Resp: 12428
Ion Ratio Lower Upper
152 100
115 72.7 0.0 308.8
150 169.5 0.0 635.0

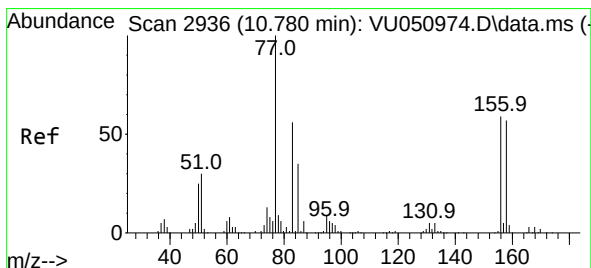
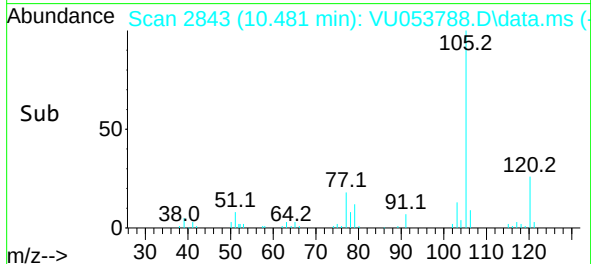
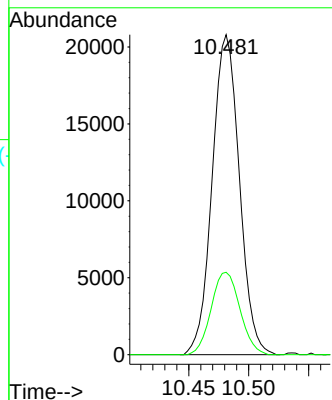
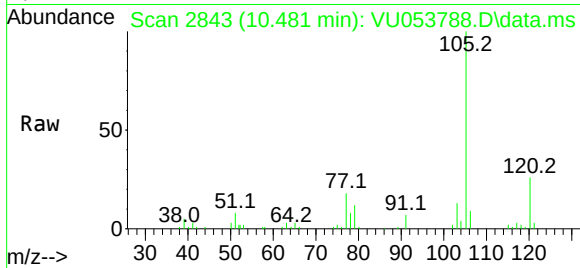




#69
Isopropylbenzene
Concen: 0.791 ug/l
RT: 10.481 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

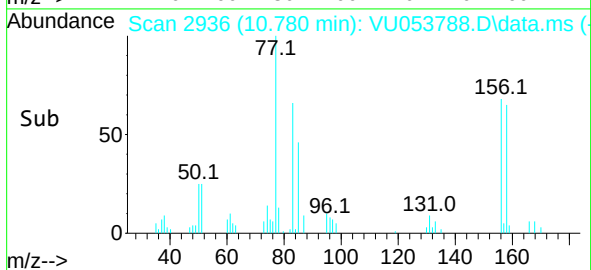
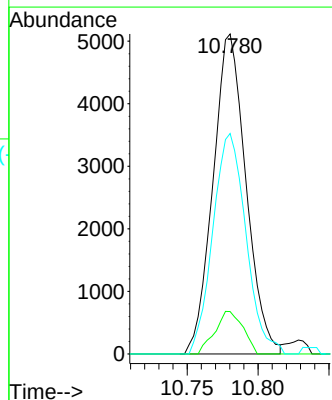
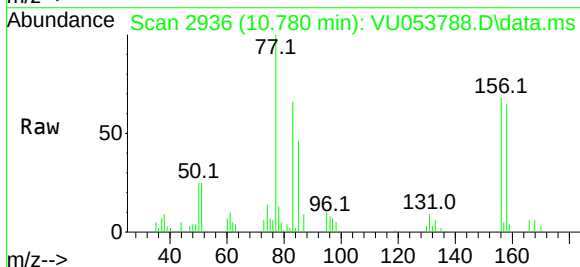
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

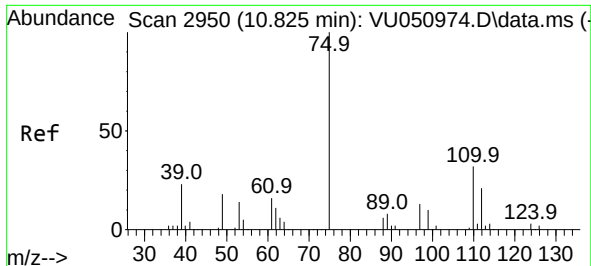
Tgt Ion:105 Resp: 32756
Ion Ratio Lower Upper
105 100
120 27.3 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 0.872 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 83 Resp: 8284
Ion Ratio Lower Upper
83 100
131 11.3 7.2 10.8#
85 69.2 50.5 75.7

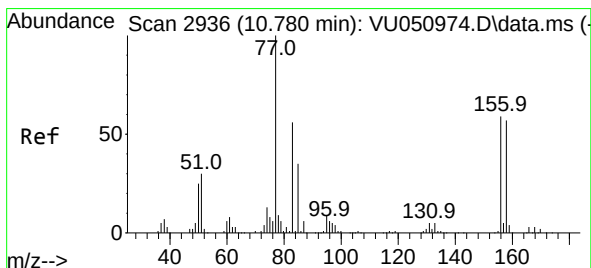
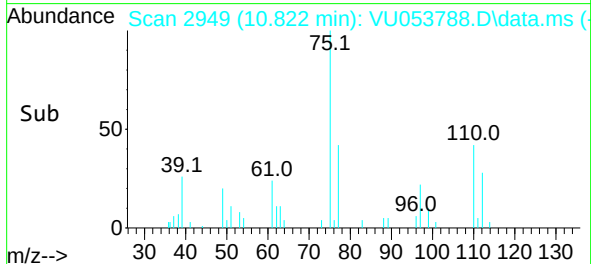
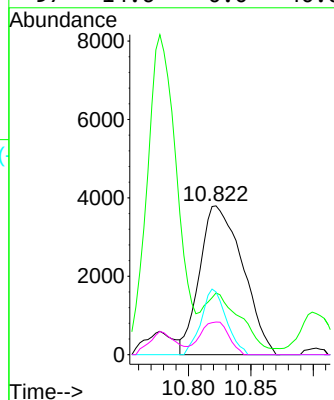
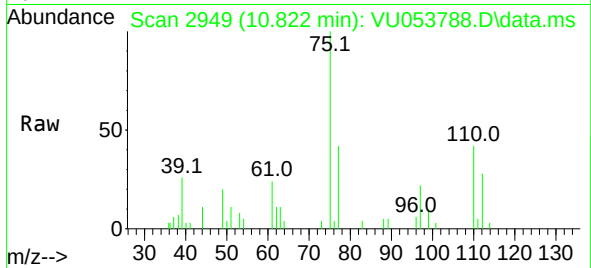




#71
1,2,3-Trichloropropane
Concen: 1.327 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

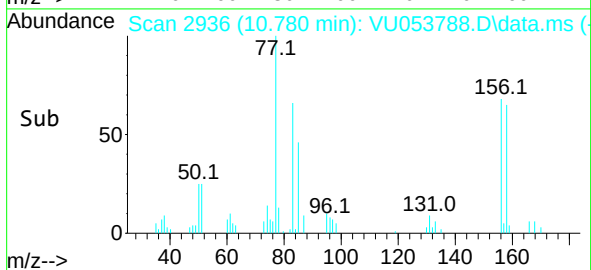
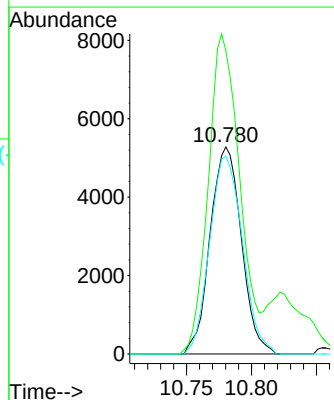
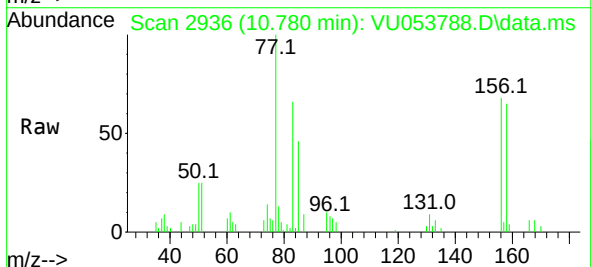
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

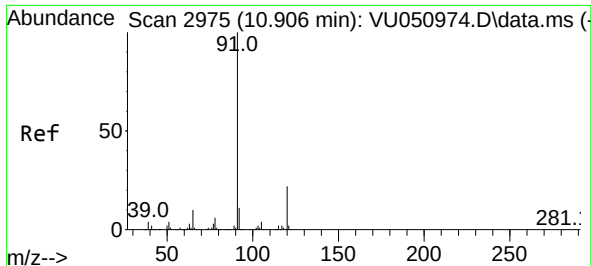
Tgt Ion: 75	Resp:	9103
Ion Ratio	Lower	Upper
75	100	
77	35.3	0.0 116.4
110	25.7	0.0 74.6
97	14.6	0.0 40.0



#72
Bromobenzene
Concen: 0.831 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 156	Resp:	8830
Ion Ratio	Lower	Upper
156	100	
77	154.5	0.0 343.0
158	100.1	0.0 194.8

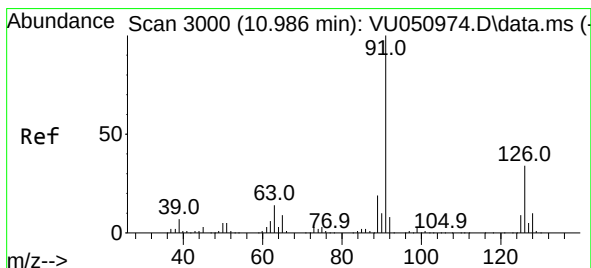
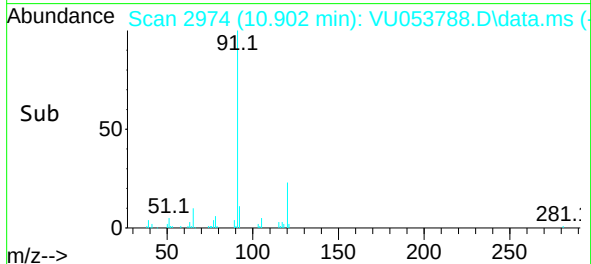
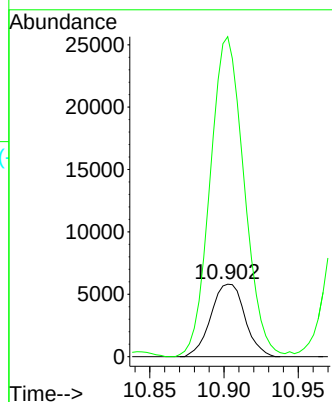
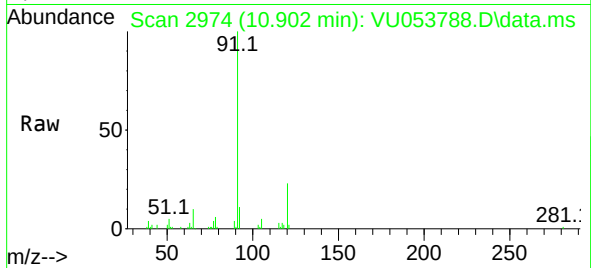




#73
n-propylbenzene
Concen: 0.805 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

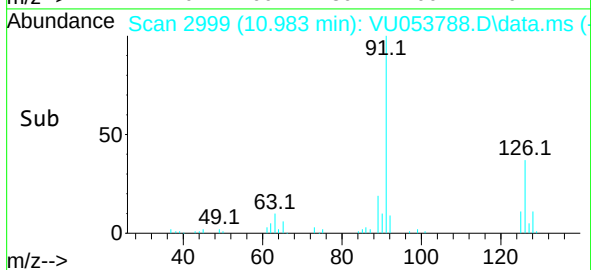
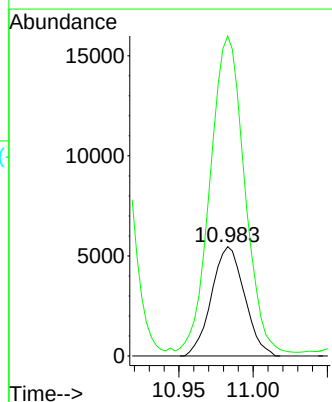
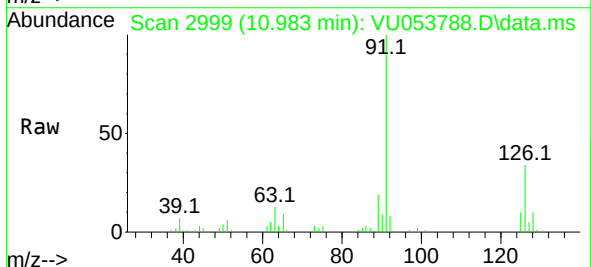
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

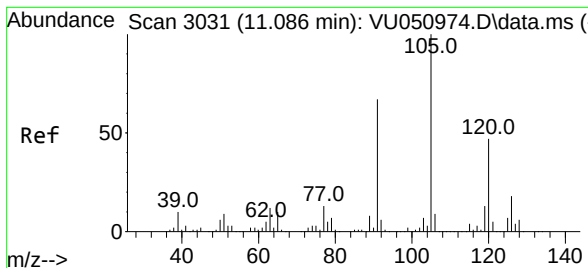
Tgt Ion:120 Resp: 9249
Ion Ratio Lower Upper
120 100
91 440.5 369.8 554.6



#74
2-Chlorotoluene
Concen: 0.777 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion:126 Resp: 8437
Ion Ratio Lower Upper
126 100
91 302.3 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 0.775 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

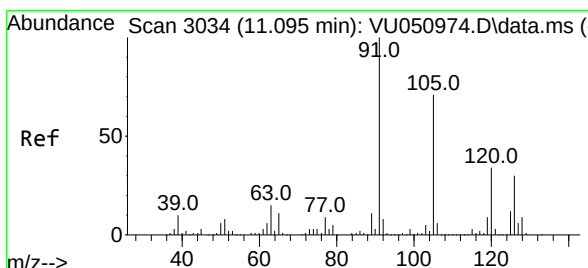
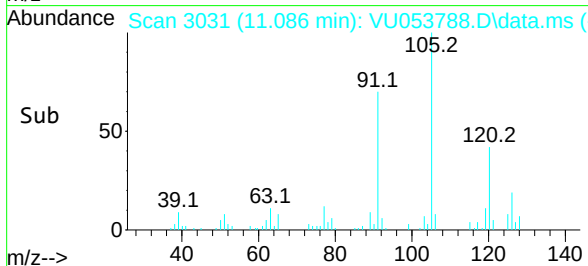
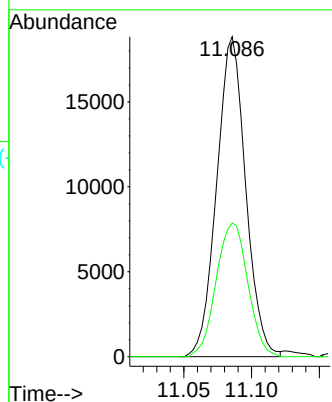
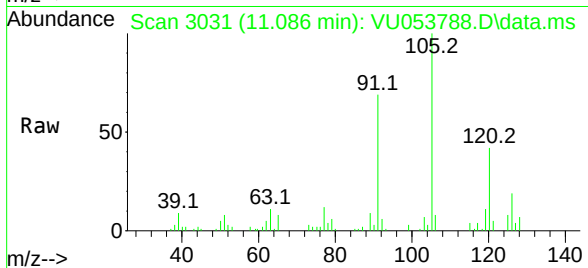
LOQ-WATER-02-QT2-2023

Tgt Ion:105 Resp: 27981

Ion Ratio Lower Upper

105 100

120 45.5 37.8 56.8



#76

4-Chlorotoluene

Concen: 0.803 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.003 min

Lab File: VU053788.D

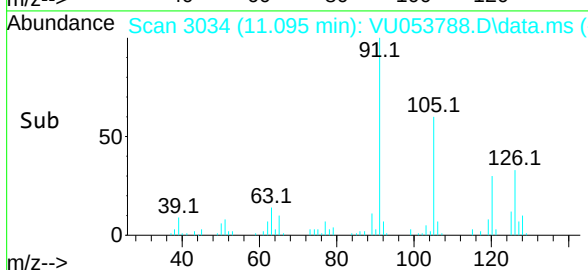
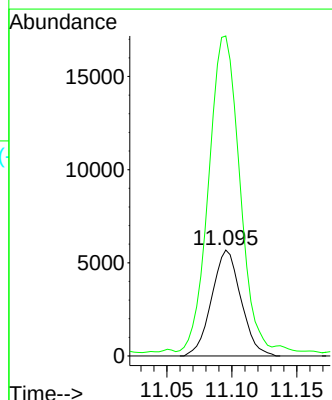
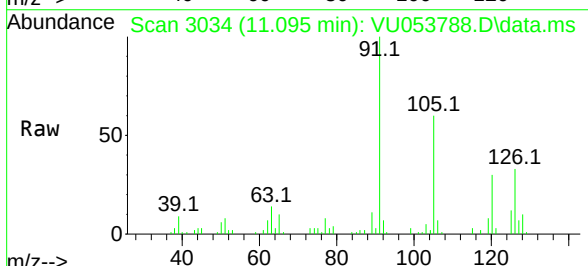
Acq: 19 Apr 2023 18:12

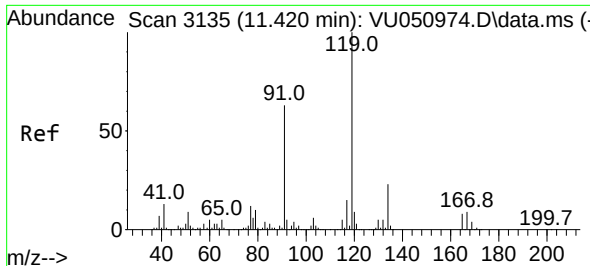
Tgt Ion:126 Resp: 8893

Ion Ratio Lower Upper

126 100

91 313.2 0.0 686.2

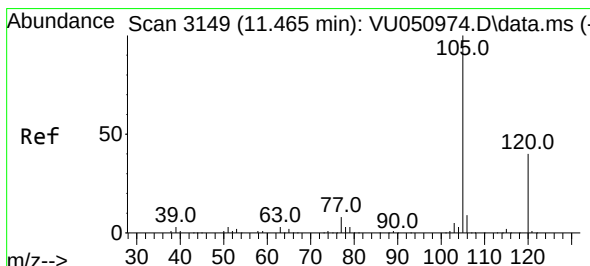
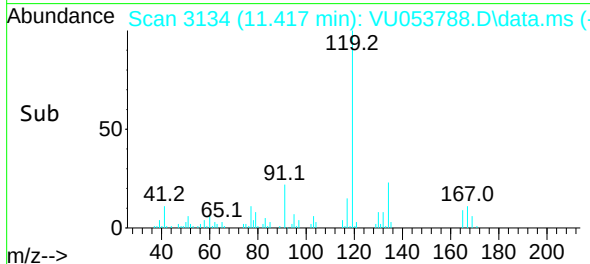
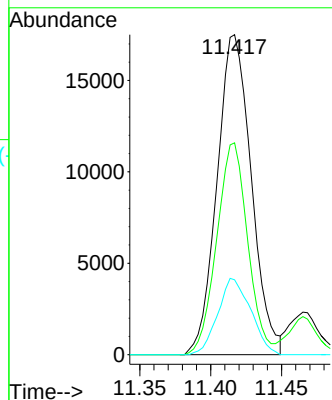
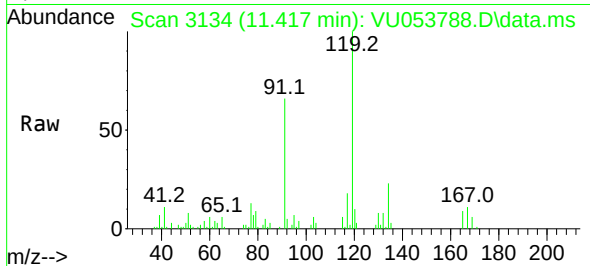




#77
tert-Butylbenzene
Concen: 0.811 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

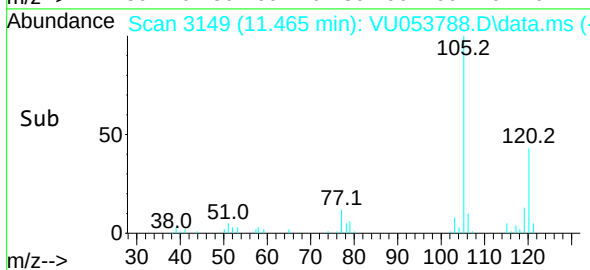
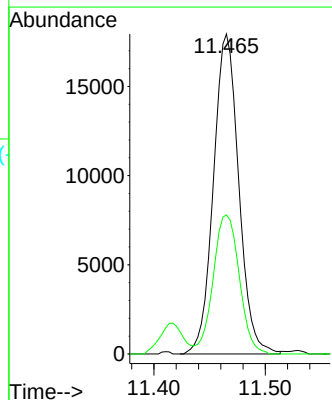
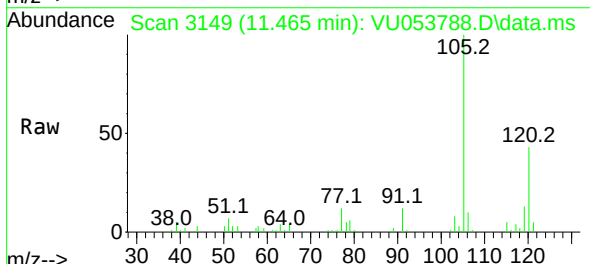
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

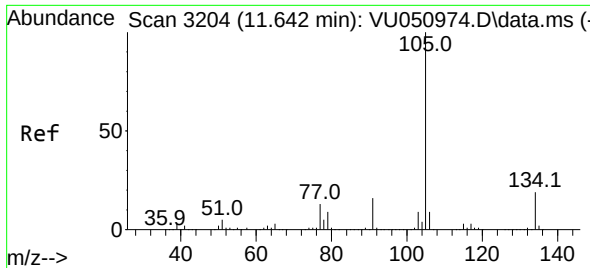
Tgt Ion:119 Resp: 29481
Ion Ratio Lower Upper
119 100
91 59.6 30.8 92.4
134 22.9 18.0 27.0



#78
1,2,4-Trimethylbenzene
Concen: 0.769 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion:105 Resp: 28336
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.8

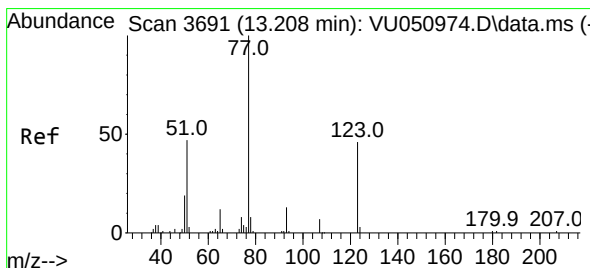
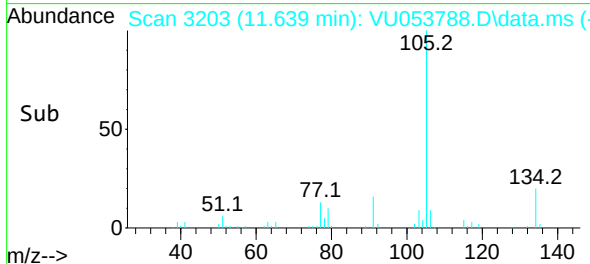
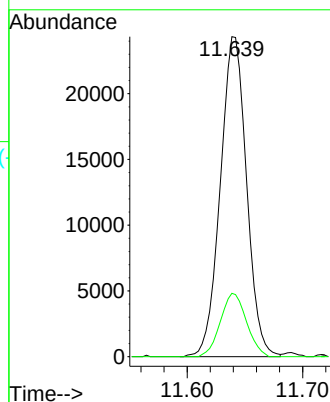
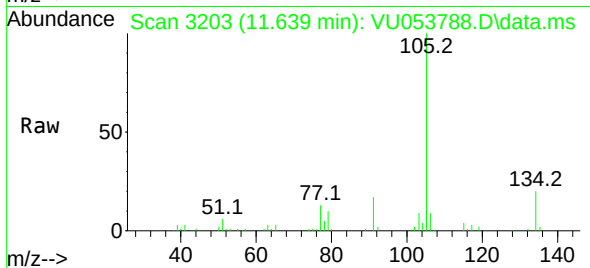




#79
 sec-Butylbenzene
 Concen: 0.787 ug/l
 RT: 11.639 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU053788.D
 Acq: 19 Apr 2023 18:12

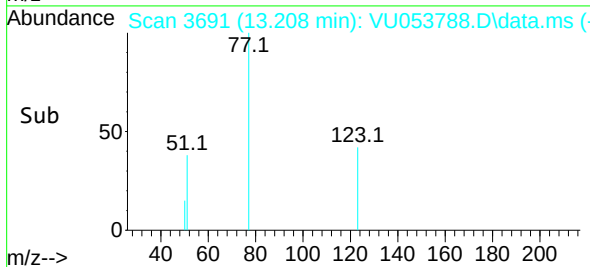
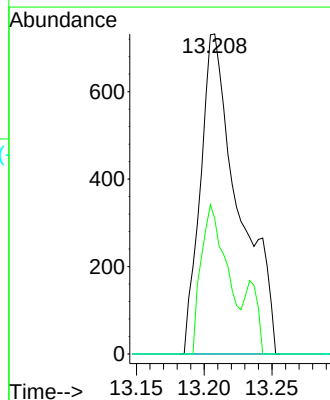
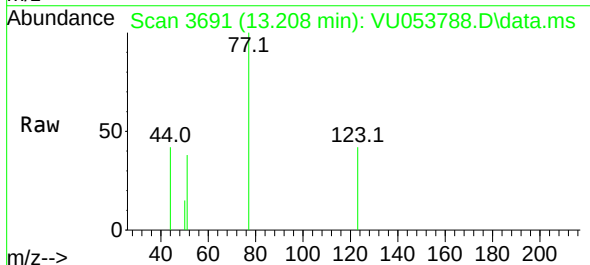
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

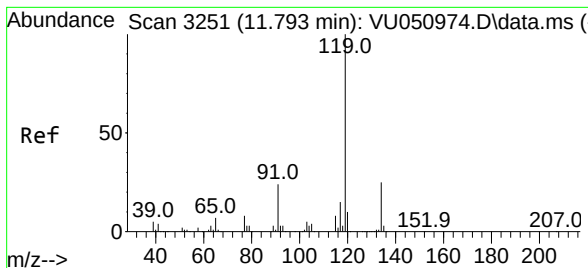
Tgt Ion:105 Resp: 38433
 Ion Ratio Lower Upper
 105 100
 134 19.7 14.9 22.3



#80
 Nitrobenzene
 Concen: 4.774 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.006 min
 Lab File: VU053788.D
 Acq: 19 Apr 2023 18:12

Tgt Ion: 77 Resp: 1437
 Ion Ratio Lower Upper
 77 100
 123 24.1 19.7 69.7
 65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.782 ug/l

RT: 11.790 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

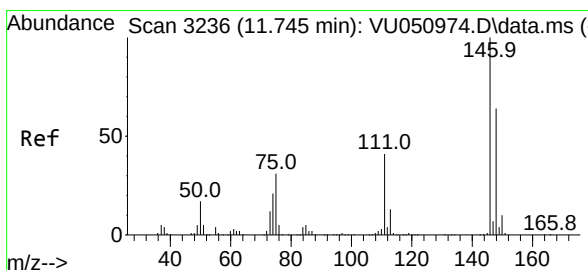
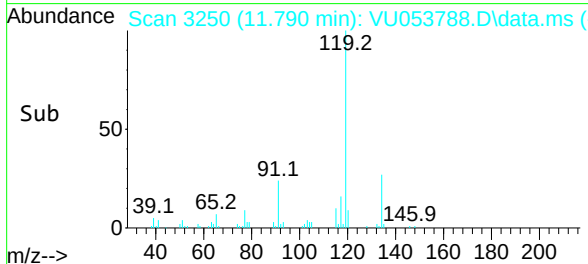
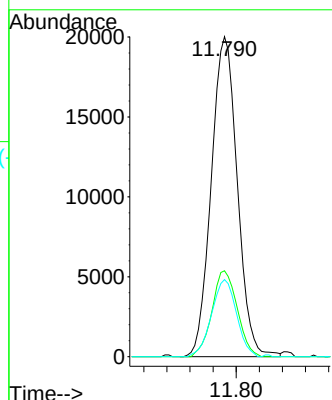
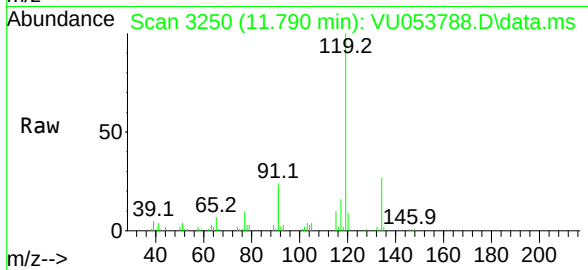
Tgt Ion:119 Resp: 31309

Ion Ratio Lower Upper

119 100

134 26.0 20.2 30.4

91 23.1 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.845 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. -0.000 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

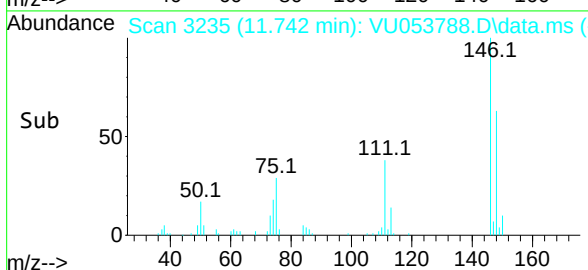
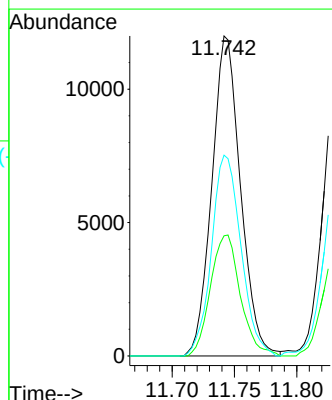
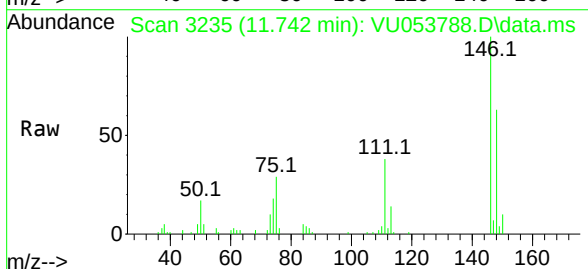
Tgt Ion:146 Resp: 19200

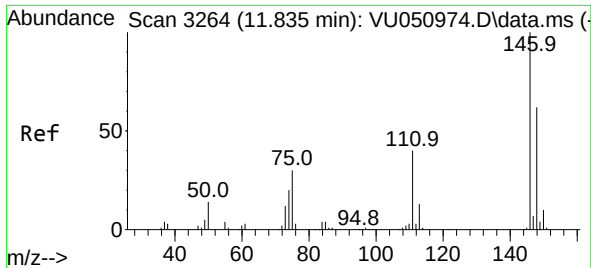
Ion Ratio Lower Upper

146 100

111 39.3 32.6 49.0

148 64.6 51.0 76.4

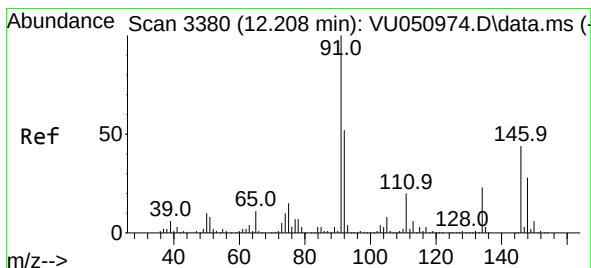
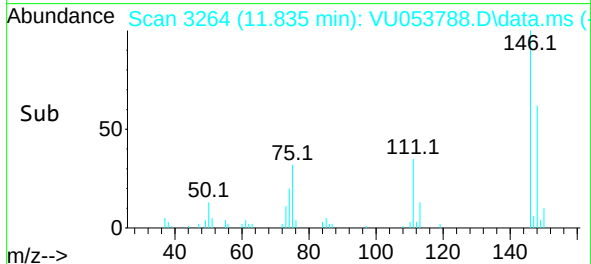
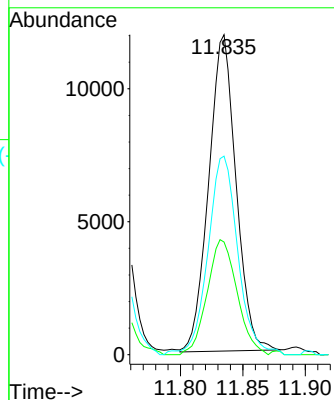
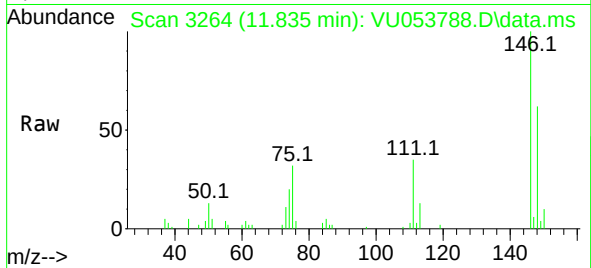




#83
1,4-Dichlorobenzene
Concen: 0.797 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

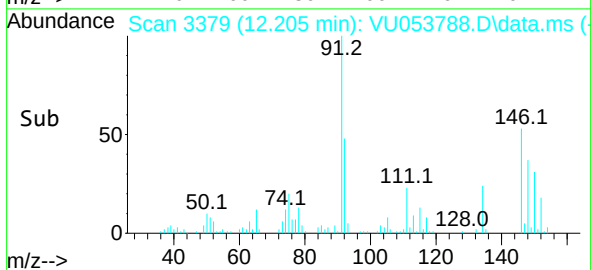
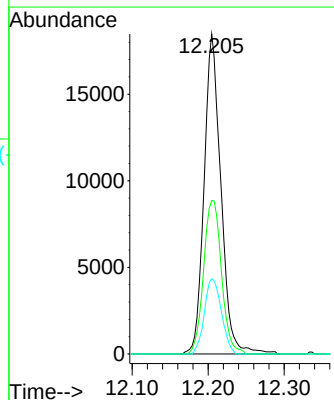
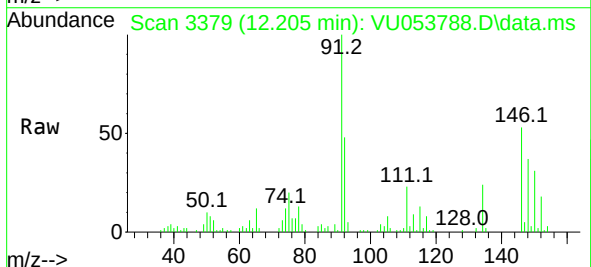
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

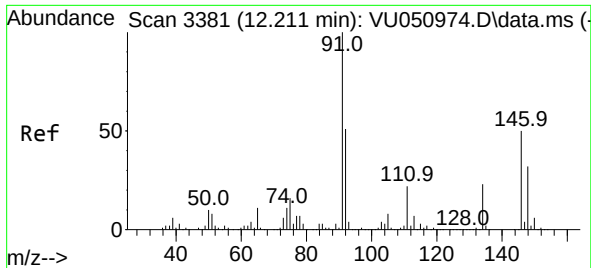
Tgt Ion:146 Resp: 18168
Ion Ratio Lower Upper
146 100
111 39.7 31.6 47.4
148 68.7 50.3 75.5



#84
n-Butylbenzene
Concen: 0.984 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 91 Resp: 28447
Ion Ratio Lower Upper
91 100
92 50.9 40.8 61.2
134 23.7 18.4 27.6

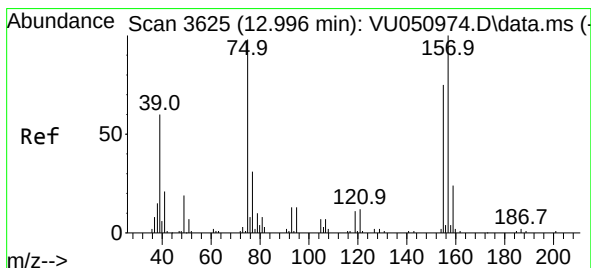
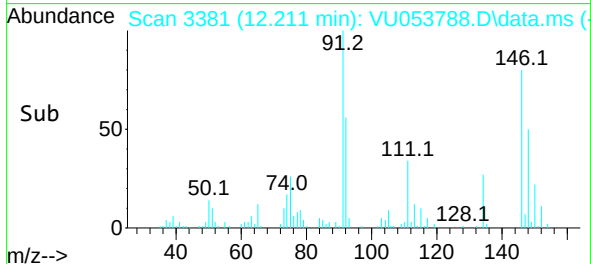
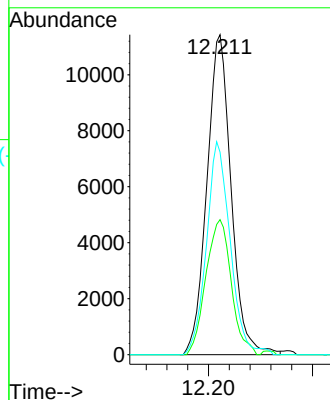
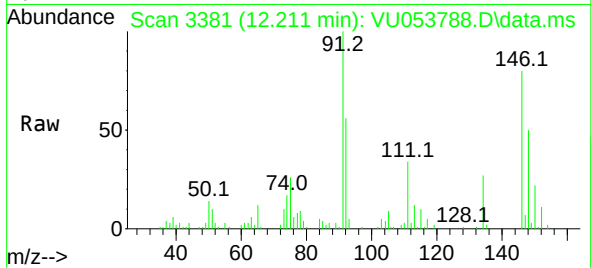




#85
1,2-Dichlorobenzene
Concen: 0.832 ug/l
RT: 12.211 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

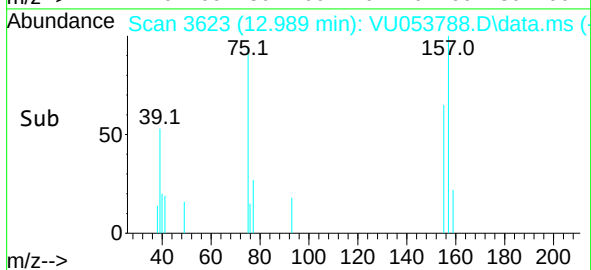
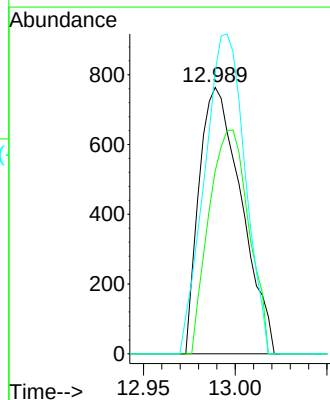
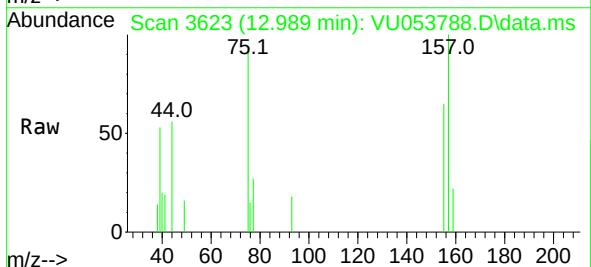
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

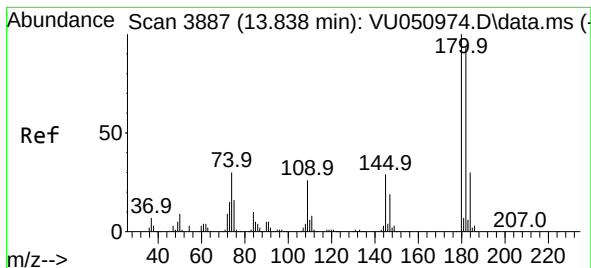
Tgt Ion:146 Resp: 18487
Ion Ratio Lower Upper
146 100
111 44.2 21.6 64.6
148 65.3 32.1 96.5



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.913 ug/l
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion: 75 Resp: 1222
Ion Ratio Lower Upper
75 100
155 79.1 61.8 92.8
157 114.8 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 0.779 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

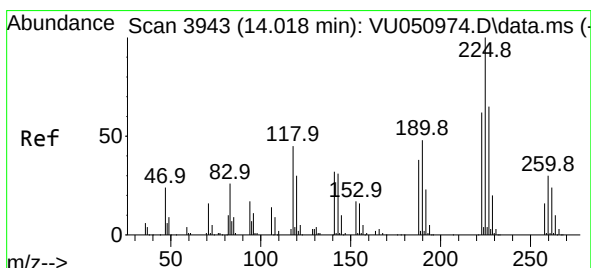
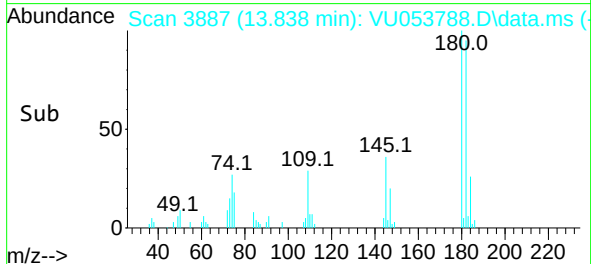
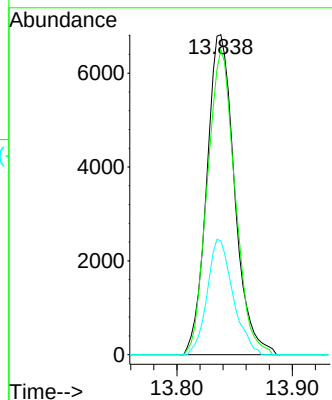
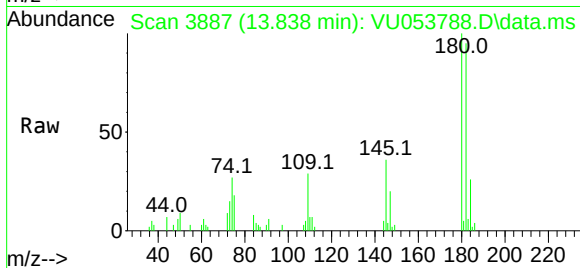
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:180	Resp:	11432
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.8 113.6
145	33.5	23.9 35.9



#88

Hexachlorobutadiene

Concen: 0.821 ug/l

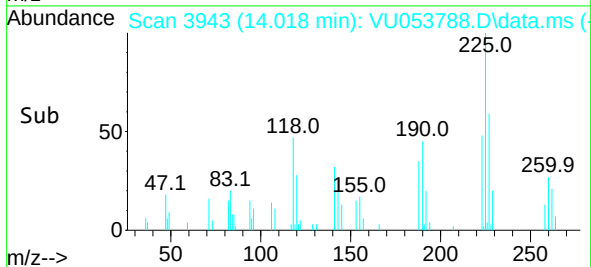
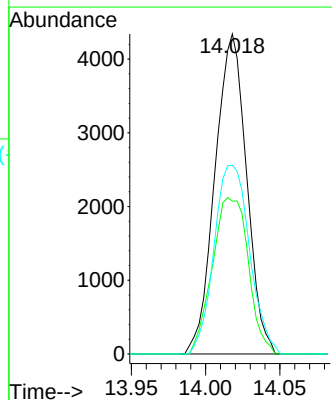
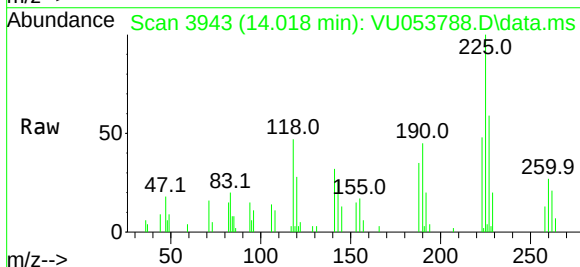
RT: 14.018 min Scan# 3943

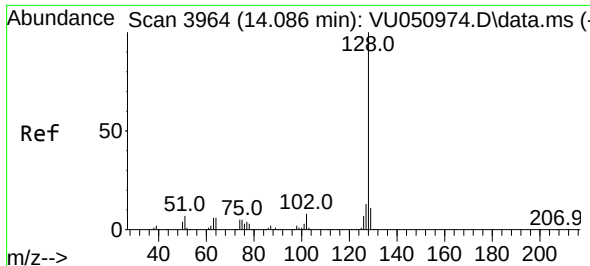
Delta R.T. -0.000 min

Lab File: VU053788.D

Acq: 19 Apr 2023 18:12

Tgt Ion:225	Resp:	6431
Ion Ratio	Lower	Upper
225	100	
223	55.6	50.2 75.4
227	66.2	51.5 77.3

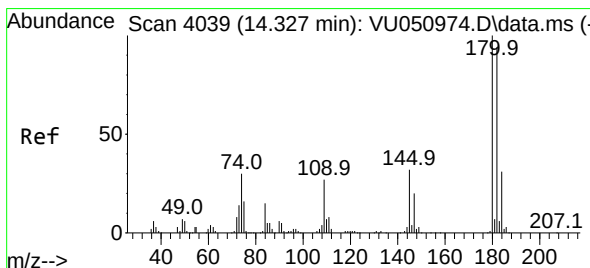
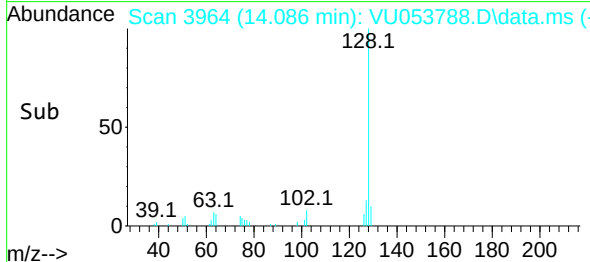
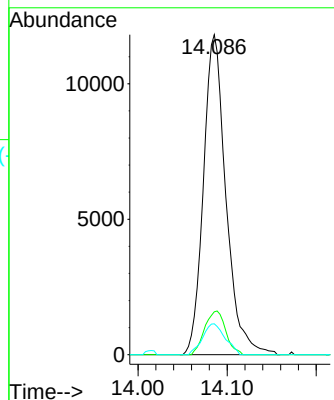
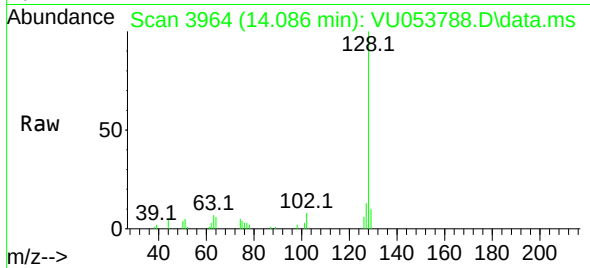




#89
Naphthalene
Concen: 0.779 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:	128	Resp:	20763
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.9	16.3
129	9.7	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.760 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053788.D
Acq: 19 Apr 2023 18:12

Tgt Ion:	180	Resp:	10601
Ion Ratio	Lower	Upper	
180	100		
182	93.2	75.7	113.5
145	32.9	26.1	39.1

