

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053787.D
 Acq On : 19 Apr 2023 17:41
 Operator : JC/MD
 Sample : 02213-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 20 08:49:16 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	28751	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	10344	0.917	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	12027	0.897	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	4155	0.477	ug/l	97
3) Chloromethane	1.520	50	4712	0.600	ug/l	98
4) Vinyl Chloride	1.601	62	4543	0.501	ug/l	99
5) Bromomethane	1.848	94	4216	0.617	ug/l	95
6) Chloroethane	1.929	64	3118	0.537	ug/l	97
7) Trichlorofluoromethane	2.134	101	7711	0.506	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	5395	0.544	ug/l	96
9) 1,1-Dichloroethene	2.578	96	4548	0.560	ug/l	78
10) Iodomethane	2.720	142	4297	0.495	ug/l	96
11) Allyl Chloride	2.916	41	4547	0.471	ug/l	88
12) Acrylonitrile	3.311	53	2241	1.104	ug/l	# 90
13) Acetone	2.623	43	6922	2.440	ug/l	# 87
14) Carbon Disulfide	2.787	76	6839	0.513	ug/l	100
15) Methylene Chloride	3.041	84	7670	0.644	ug/l	89
16) trans-1,2-Dichloroethene	3.346	96	4771	0.543	ug/l	# 81
17) 1,1-Dichloroethane	3.861	63	9621	0.531	ug/l	99
18) 2-Butanone	4.713	43	9188	2.498	ug/l	98
19) Cyclohexane	5.375	56	5654	0.451	ug/l	# 83
20) Methylcyclohexane	6.752	83	5289	0.470	ug/l	94
21) 2,2-Dichloropropane	4.658	77	8676	0.527	ug/l	94
22) cis-1,2-Dichloroethene	4.658	96	5924	0.539	ug/l	# 80
23) Diethyl Ether	2.375	59	3013	0.503	ug/l	89
24) tert-Butyl Alcohol	3.183	59	4212	5.414	ug/l	# 1
25) Methyl tert-Butyl Ether	3.366	73	12445	0.549	ug/l	98
26) Bromochloromethane	4.967	128	2551	0.525	ug/l	86
27) Chloroform	5.083	83	10609	0.542	ug/l	93
28) 1,1,1-Trichloroethane	5.305	97	8481	0.523	ug/l	99
29) 1,1-Dichloropropene	5.517	75	5009	0.485	ug/l	95
30) Carbon Tetrachloride	5.510	117	5763	0.497	ug/l	91
31) Isopropyl Ether	3.999	45	13805	0.527	ug/l	98
32) Ethyl-t-butyl ether	4.514	59	13516	0.510	ug/l	95
33) Tert-Amyl methyl ether	5.948	73	9620	0.497	ug/l	98
34) Propionitrile	4.781	54	2358	2.867	ug/l	# 1
35) Benzene	5.764	78	15990	0.503	ug/l	92
36) 1,2-Dichloroethane	5.790	62	4802	0.481	ug/l	# 94
37) Trichloroethene	6.539	130	4438	0.492	ug/l	89
38) 1,2-Dichloropropane	6.790	63	4619	0.510	ug/l	99
39) Methacrylonitrile	4.980	41	1598	0.487	ug/l	# 71
40) Methyl acrylate	4.851	55	2833	0.523	ug/l	# 97
41) Tetrahydrofuran	5.060	42	1657	1.013	ug/l	92
42) 1-Chlorobutane	5.449	56	7467	0.530	ug/l	93
43) Dibromomethane	6.919	93	2276	0.496	ug/l	86
44) Bromodichloromethane	7.105	83	5308	0.459	ug/l	# 91

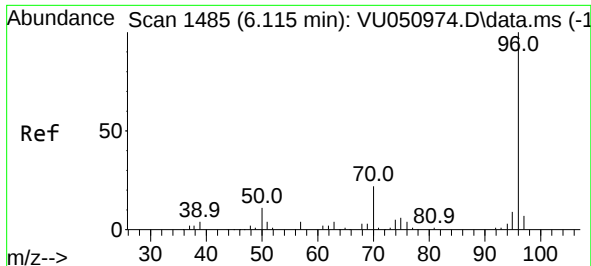
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	11715	2.510	ug/l	98
46) t-1,4-Dichloro-2-butene	10.825	75	5133	2.648	ug/l #	40
47) Methyl methacrylate	6.964	69	3597	0.892	ug/l	97
48) Ethyl methacrylate	8.337	69	3386	0.429	ug/l	93
49) Toluene	7.967	92	9542	0.476	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	4612	0.444	ug/l	97
51) cis-1,3-Dichloropropene	7.607	75	5799	0.467	ug/l	96
52) 1,1,2-Trichloroethane	8.401	97	3545	0.487	ug/l	90
53) 1,3-Dichloropropane	8.571	76	5816	0.510	ug/l	96
54) 2-Hexanone	8.690	43	9566	2.185	ug/l	96
55) Dibromochloromethane	8.809	129	3629	0.474	ug/l	92
56) 1,2-Dibromoethane	8.922	107	3265	0.520	ug/l	99
58) Tetrachloroethene	8.552	164	4072	0.467	ug/l	96
59) Chlorobenzene	9.446	112	11634	0.467	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.530	131	4052	0.451	ug/l	94
61) Pentachloroethane	11.420	117	3063	0.442	ug/l	96
62) Hexachloroethane	12.468	117	2667	0.394	ug/l	95
63) Ethyl Benzene	9.565	91	17935	0.456	ug/l	98
64) m/p-Xylenes	9.690	106	13868	0.894	ug/l	93
65) o-Xylene	10.099	106	6782	0.434	ug/l	95
66) Styrene	10.111	104	10529	0.424	ug/l	97
67) Bromoform	10.288	173	1872	0.470	ug/l #	98
69) Isopropylbenzene	10.481	105	18208	0.446	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.777	83	4878	0.520	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	5133	0.759	ug/l #	48
72) Bromobenzene	10.780	156	4842	0.462	ug/l	96
73) n-propylbenzene	10.902	120	4959	0.437	ug/l	95
74) 2-Chlorotoluene	10.983	126	4686	0.437	ug/l	94
75) 1,3,5-Trimethylbenzene	11.083	105	14579	0.409	ug/l	97
76) 4-Chlorotoluene	11.095	126	5008	0.459	ug/l	77
77) tert-Butylbenzene	11.417	119	14603	0.407	ug/l	93
78) 1,2,4-Trimethylbenzene	11.465	105	14772	0.406	ug/l	94
79) sec-Butylbenzene	11.639	105	19867	0.412	ug/l	96
80) Nitrobenzene	13.221	77	551	1.855	ug/l #	81
81) p-Isopropyltoluene	11.790	119	15598	0.395	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	10567	0.472	ug/l	95
83) 1,4-Dichlorobenzene	11.835	146	10828	0.481	ug/l	100
84) n-Butylbenzene	12.205	91	16114	0.670	ug/l	95
85) 1,2-Dichlorobenzene	12.208	146	10244	0.468	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.992	75	553	0.419	ug/l #	80
87) 1,2,4-Trichlorobenzene	13.838	180	6710	0.463	ug/l	97
88) Hexachlorobutadiene	14.018	225	3651	0.473	ug/l	98
89) Naphthalene	14.086	128	13272	0.505	ug/l	96
90) 1,2,3-Trichlorobenzene	14.330	180	6452	0.469	ug/l	94

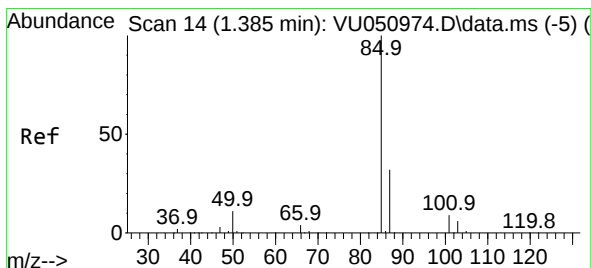
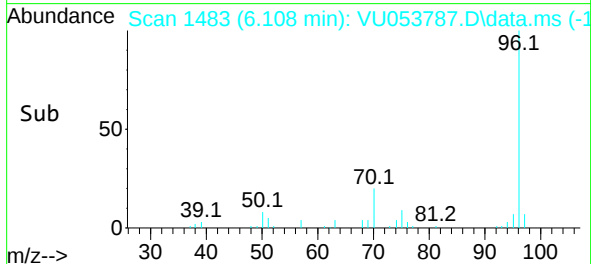
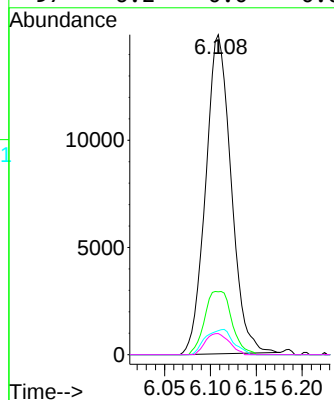
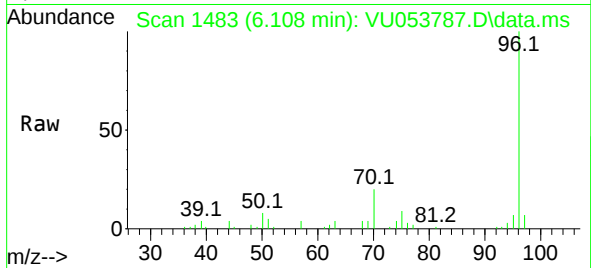
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

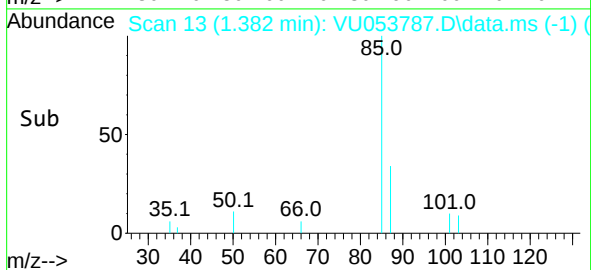
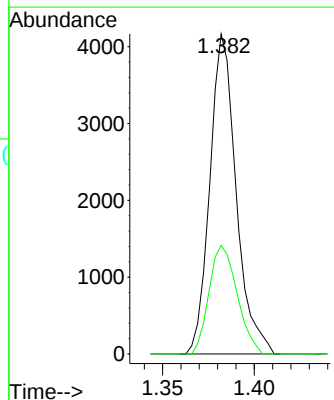
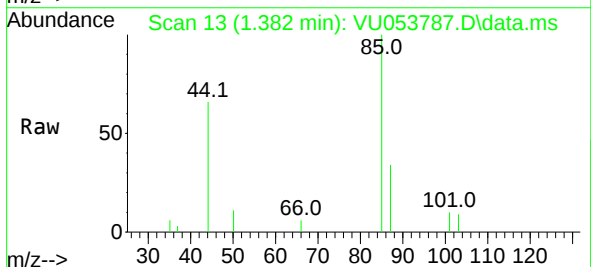
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

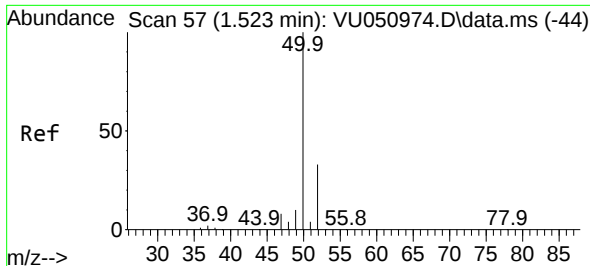
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Ion	Ratio	Lower	Upper
96	100		
70	21.0	16.5	24.7
95	8.6	7.4	11.0
97	6.2	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.477 ug/l
RT: 1.382 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:	85	Resp:	4155
Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.2	48.6

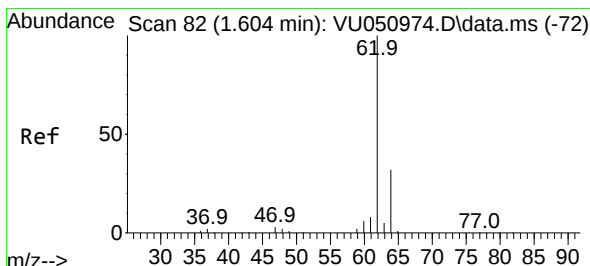
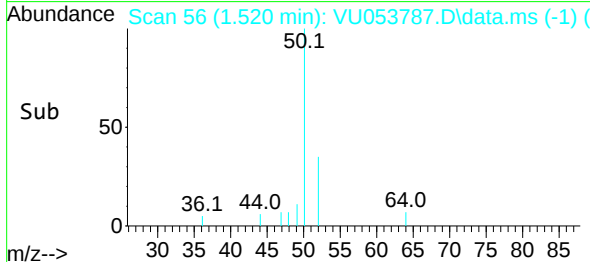
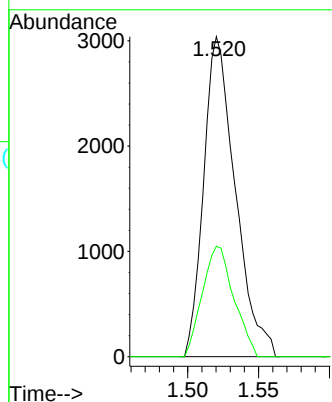
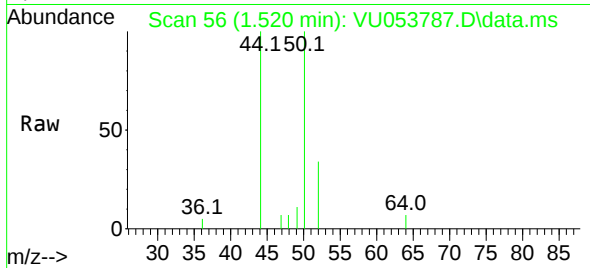




#3
Chloromethane
Concen: 0.600 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

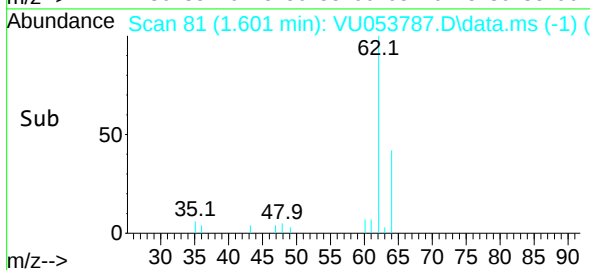
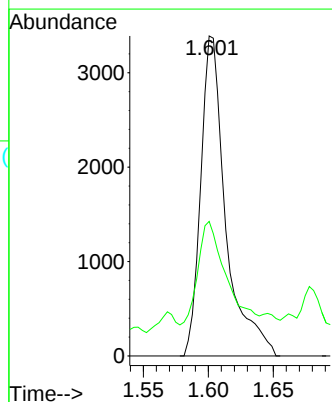
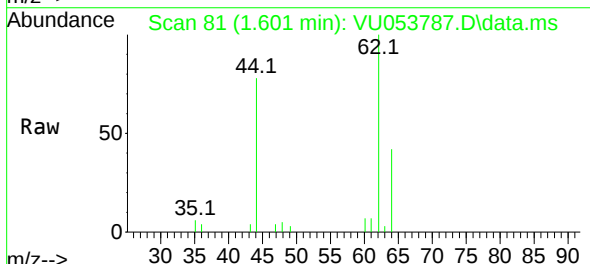
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT2-2023

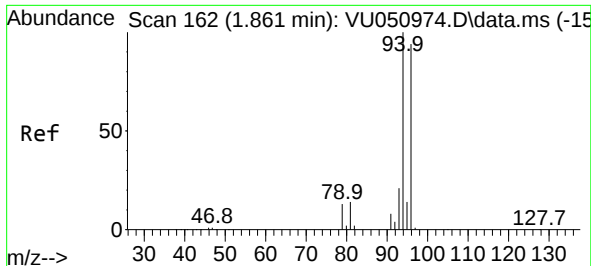
Tgt Ion: 50 Resp: 4712
Ion Ratio Lower Upper
50 100
52 34.5 26.6 40.0



#4
Vinyl Chloride
Concen: 0.501 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion: 62 Resp: 4543
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.2

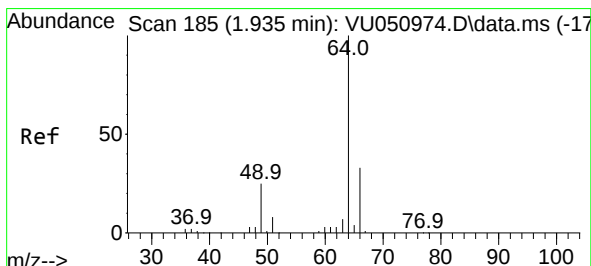
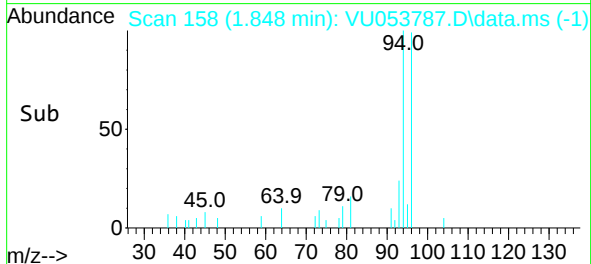
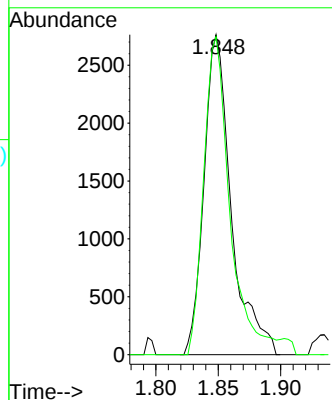
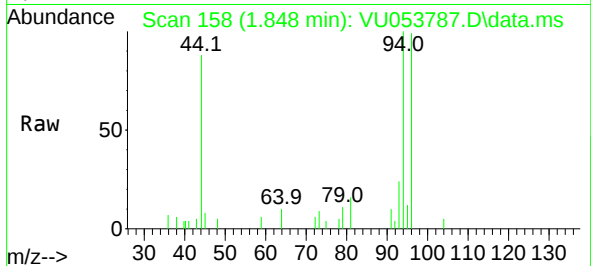




#5
Bromomethane
Concen: 0.617 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

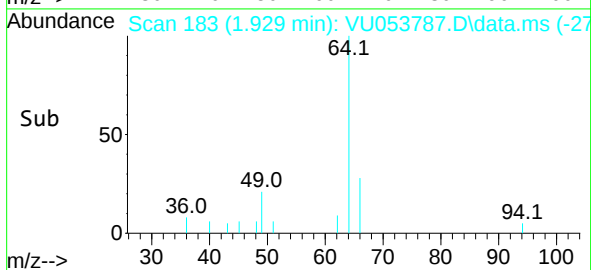
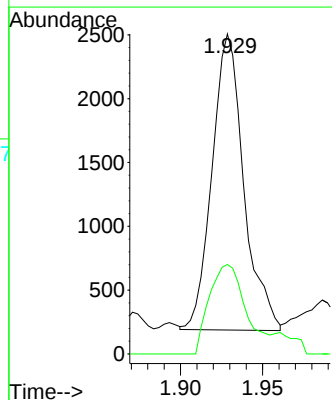
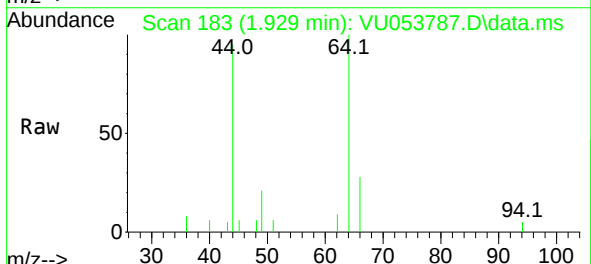
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

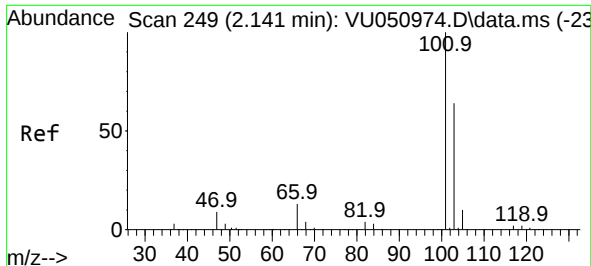
Tgt Ion: 94 Resp: 4216
Ion Ratio Lower Upper
94 100
96 99.3 75.4 113.2



#6
Chloroethane
Concen: 0.537 ug/l
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion: 64 Resp: 3118
Ion Ratio Lower Upper
64 100
66 30.6 26.0 39.0

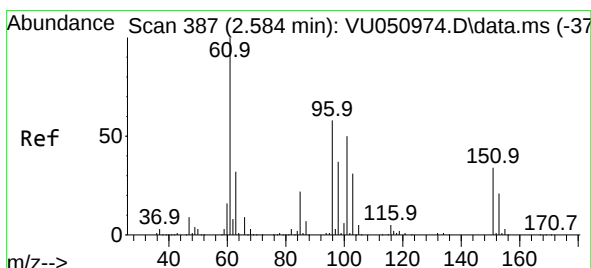
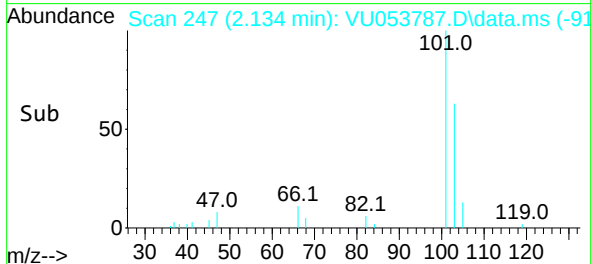
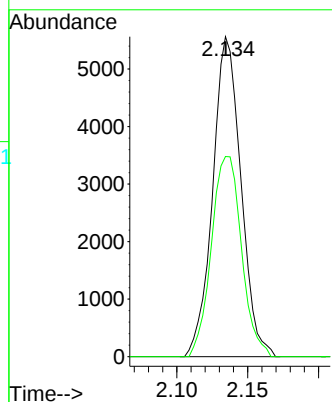
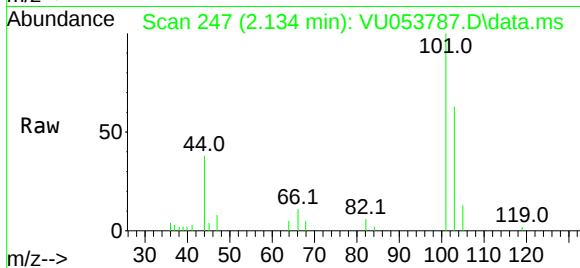




#7
Trichlorofluoromethane
Concen: 0.506 ug/l
RT: 2.134 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

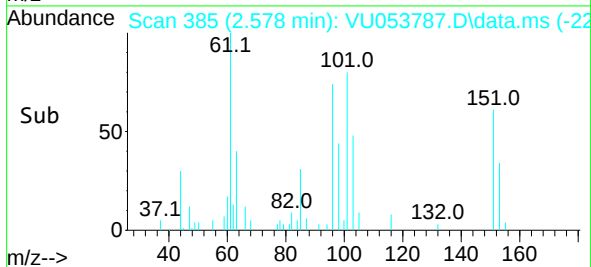
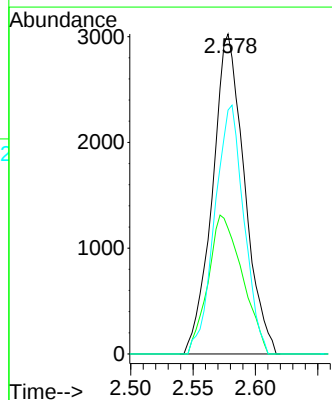
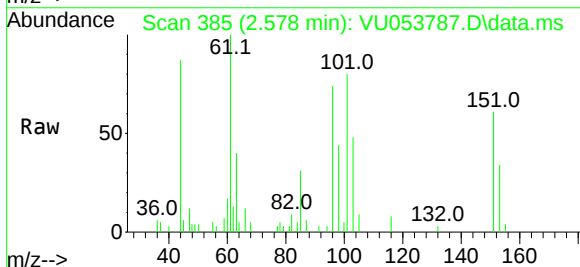
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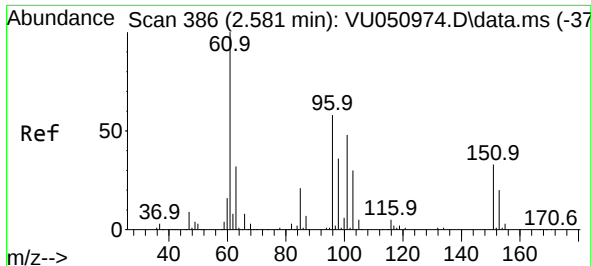
Tgt Ion:101 Resp: 7711
Ion Ratio Lower Upper
101 100
103 62.6 51.4 77.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.544 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:101 Resp: 5395
Ion Ratio Lower Upper
101 100
85 46.3 35.4 53.0
151 71.3 54.0 81.0

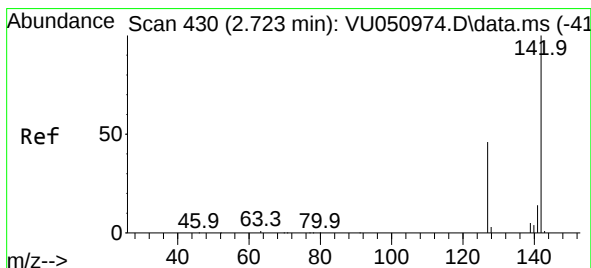
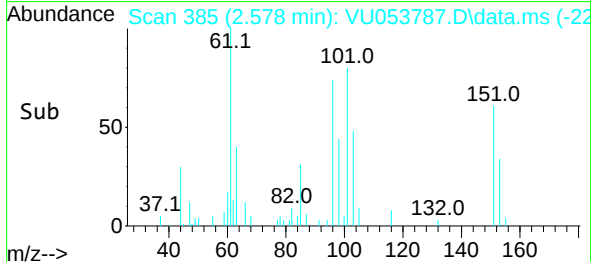
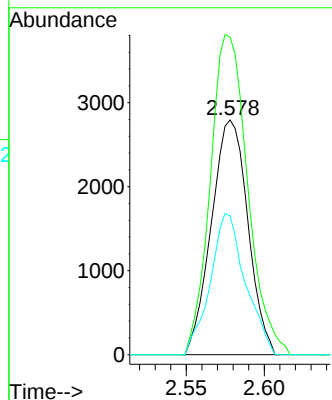
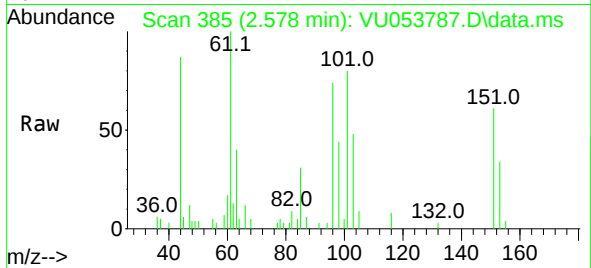




#9
 1,1-Dichloroethene
 Concen: 0.560 ug/l
 RT: 2.578 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053787.D
 Acq: 19 Apr 2023 17:41

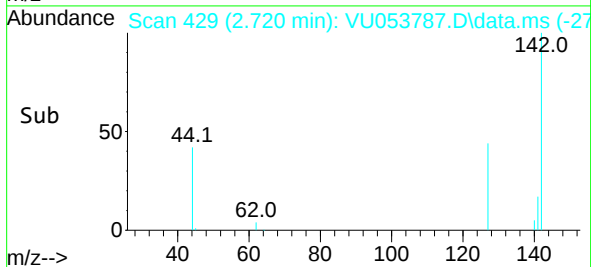
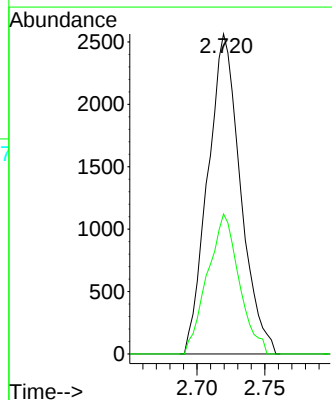
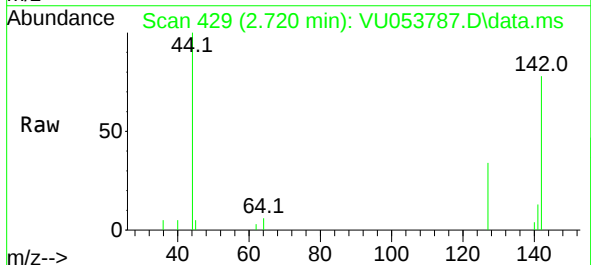
Instrument :
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 LOQ-WATER-02-QT2-2023

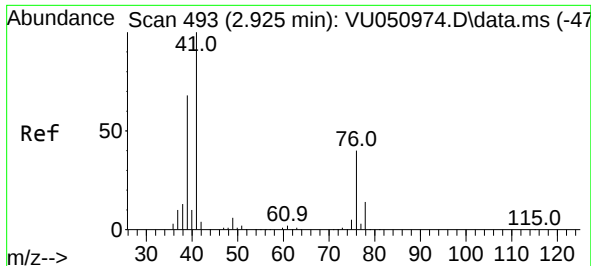
Tgt Ion: 96 Resp: 4548
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 521.4
 98 59.1 0.0 125.8



#10
 Iodomethane
 Concen: 0.495 ug/l
 RT: 2.720 min Scan# 429
 Delta R.T. 0.000 min
 Lab File: VU053787.D
 Acq: 19 Apr 2023 17:41

Tgt Ion: 142 Resp: 4297
 Ion Ratio Lower Upper
 142 100
 127 42.4 35.9 53.9





#11

Allyl Chloride

Concen: 0.471 ug/l

RT: 2.916 min Scan# 493

Delta R.T. -0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

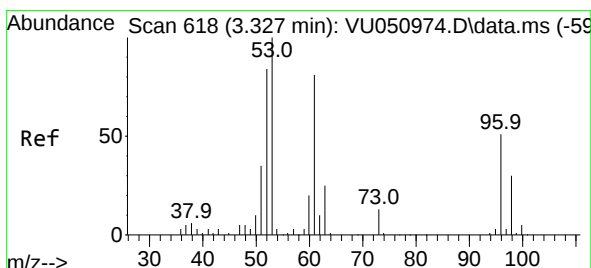
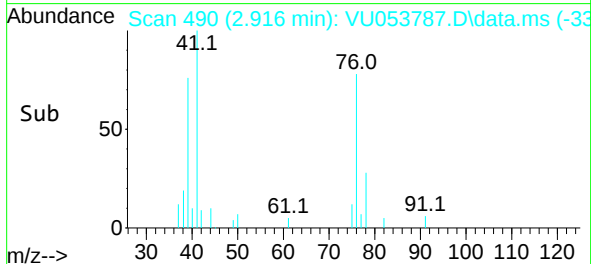
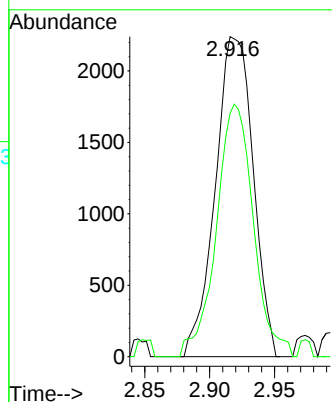
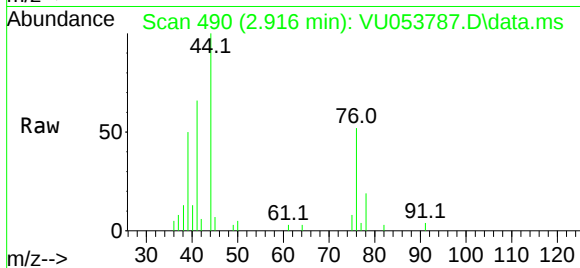
LOQ-WATER-02-QT2-2023

Tgt Ion: 41 Resp: 4547

Ion Ratio Lower Upper

41 100

39 77.0 54.2 81.2



#12

Acrylonitrile

Concen: 1.104 ug/l

RT: 3.311 min Scan# 613

Delta R.T. 0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

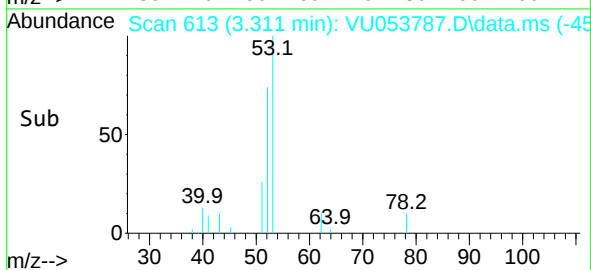
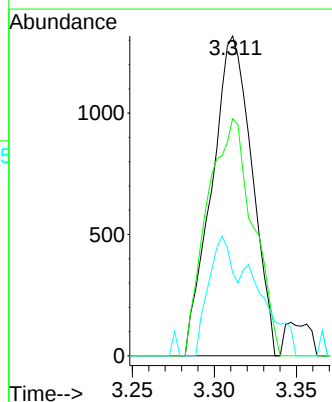
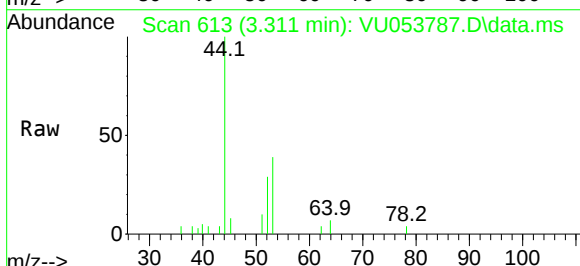
Tgt Ion: 53 Resp: 2241

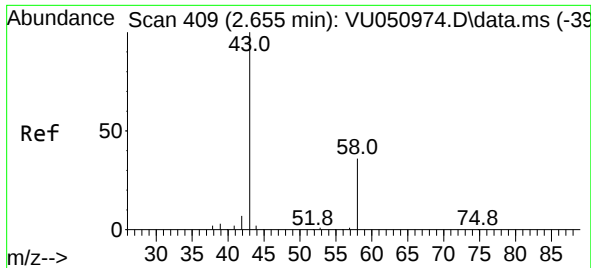
Ion Ratio Lower Upper

53 100

52 84.4 62.9 94.3

51 24.1 27.8 41.6#





#13

Acetone

Concen: 2.440 ug/l

RT: 2.623 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

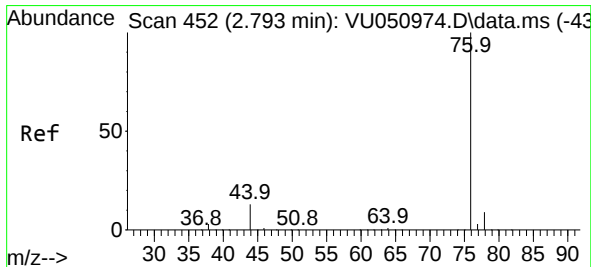
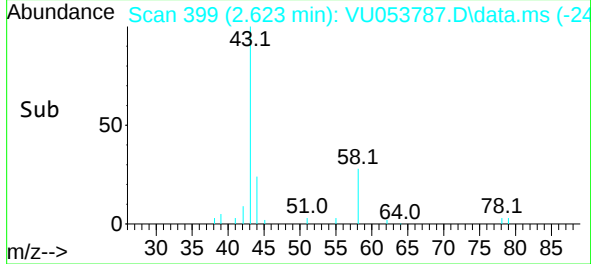
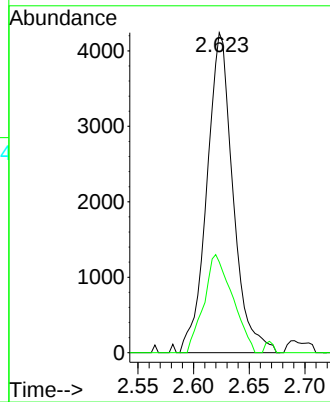
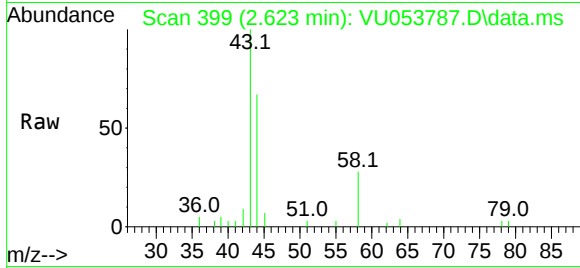
LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 6922

Ion Ratio Lower Upper

43 100

58 28.4 29.0 43.4#



#14

Carbon Disulfide

Concen: 0.513 ug/l

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU053787.D

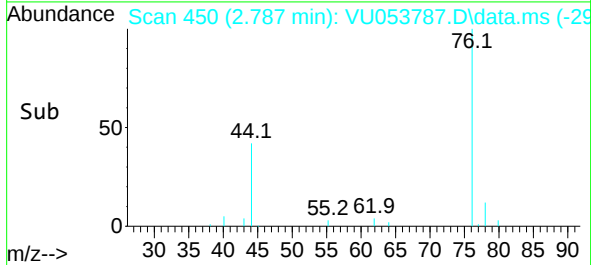
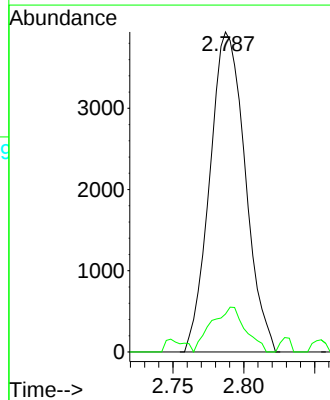
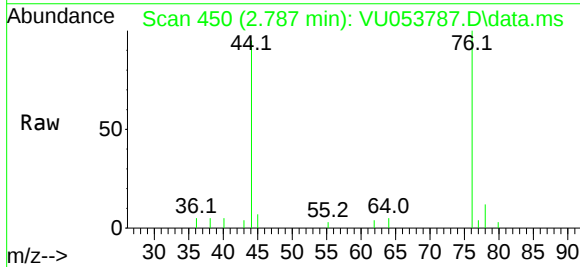
Acq: 19 Apr 2023 17:41

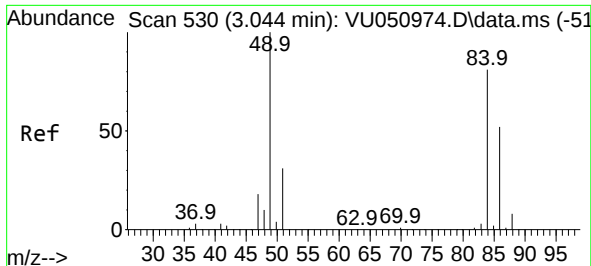
Tgt Ion: 76 Resp: 6839

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

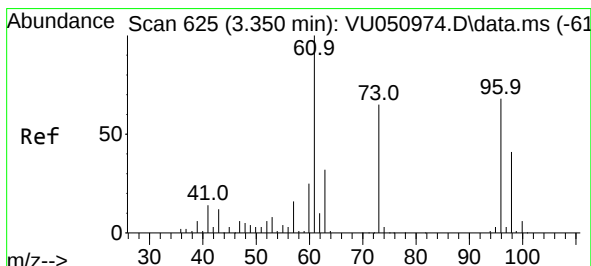
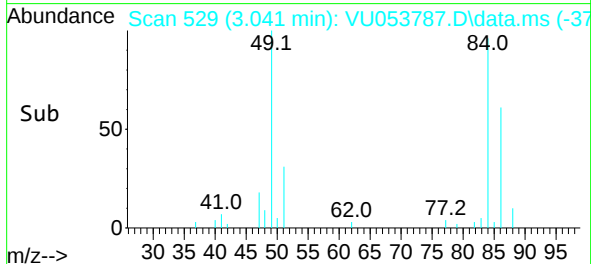
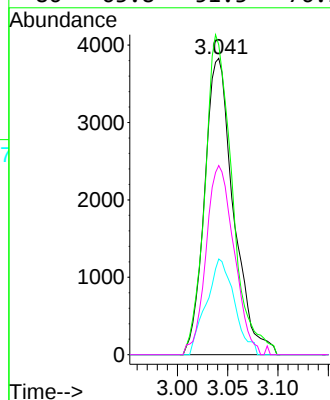
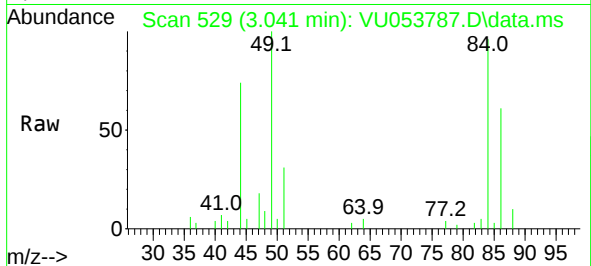




#15
Methylene Chloride
Concen: 0.644 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

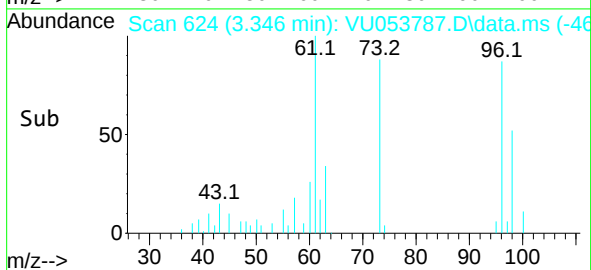
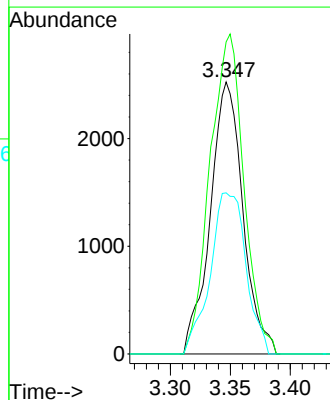
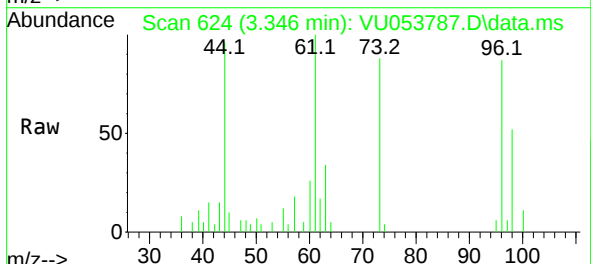
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

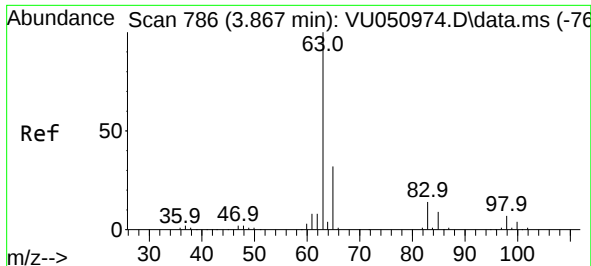
Tgt Ion: 84	Resp: 7670
Ion Ratio	Lower Upper
84 100	
49 104.5	98.9 148.3
51 32.3	0.0 75.4
86 63.8	51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 0.543 ug/l
RT: 3.346 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion: 96	Resp: 4771		
Ion Ratio	Lower	Upper	
96 100			
61 114.7	117.5	176.3#	
98 59.2	48.3	72.5	

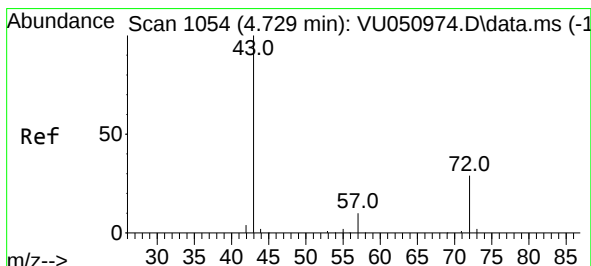
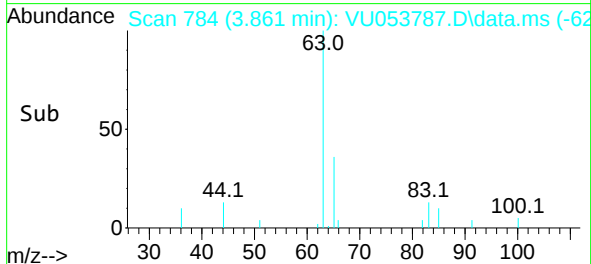
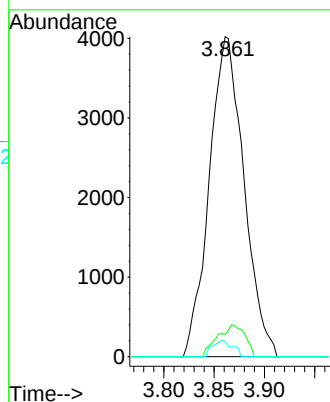
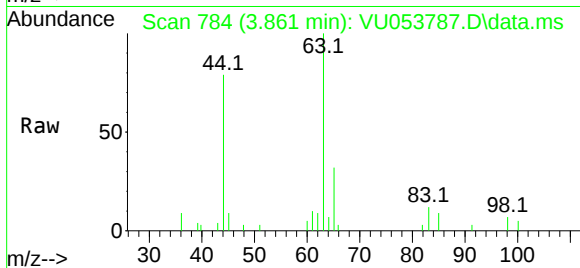




#17
1,1-Dichloroethane
Concen: 0.531 ug/l
RT: 3.861 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

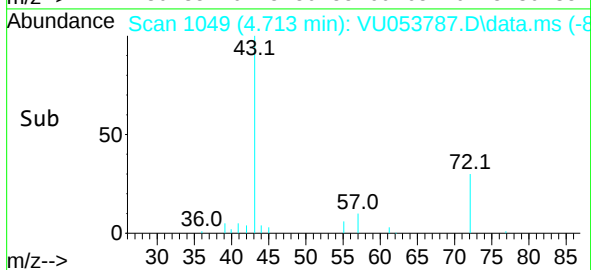
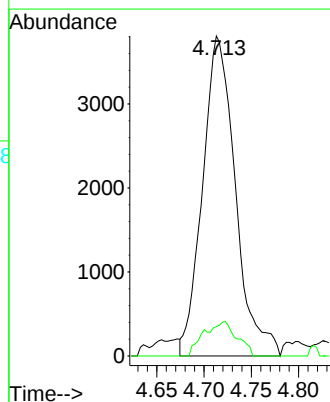
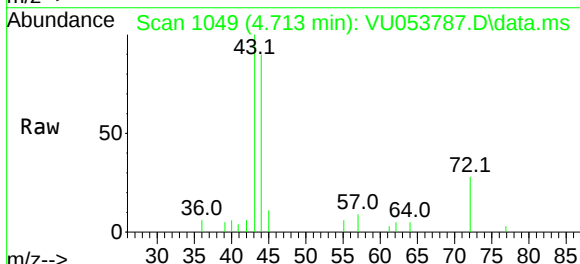
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

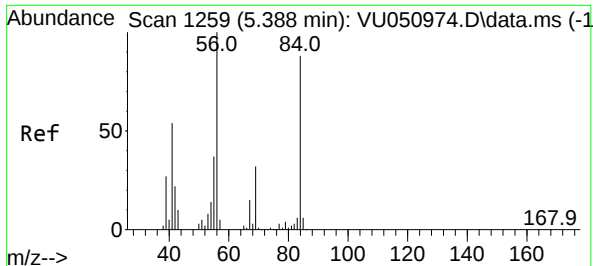
Tgt Ion: 63 Resp: 9621
Ion Ratio Lower Upper
63 100
98 6.9 3.4 10.1
100 4.6 2.2 6.6



#18
2-Butanone
Concen: 2.498 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion: 43 Resp: 9188
Ion Ratio Lower Upper
43 100
57 9.2 0.0 19.6





#19

Cyclohexane

Concen: 0.451 ug/l

RT: 5.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

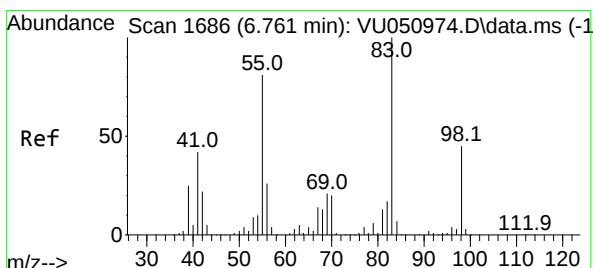
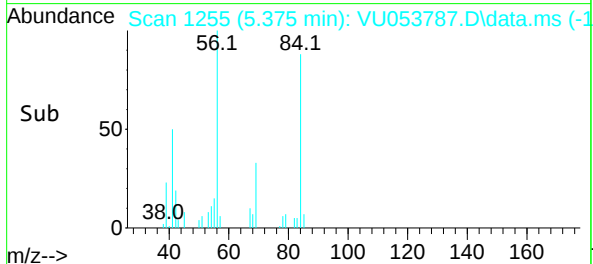
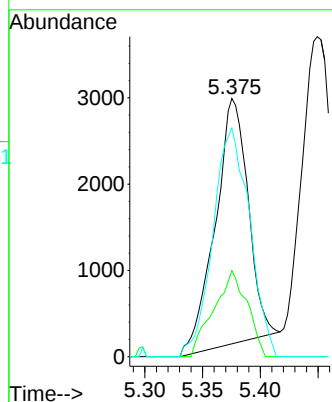
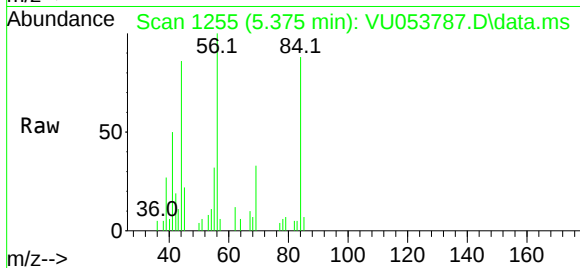
Tgt Ion: 56 Resp: 5654

Ion Ratio Lower Upper

56 100

69 35.4 24.6 37.0

84 103.6 68.4 102.6#



#20

Methylcyclohexane

Concen: 0.470 ug/l

RT: 6.752 min Scan# 1683

Delta R.T. -0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

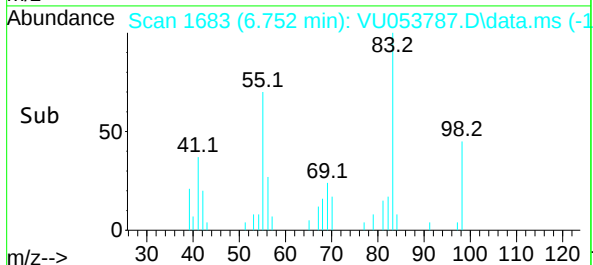
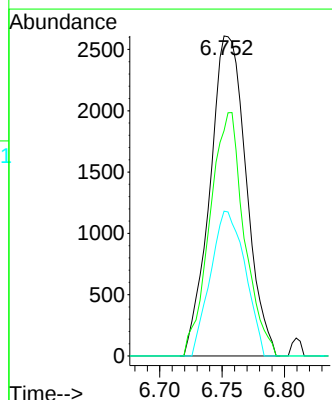
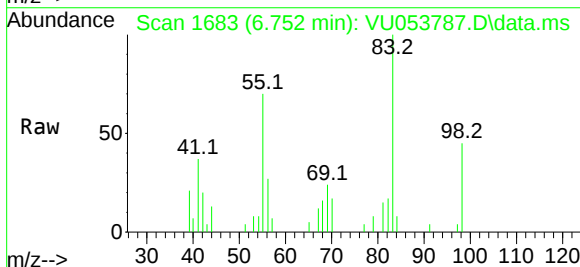
Tgt Ion: 83 Resp: 5289

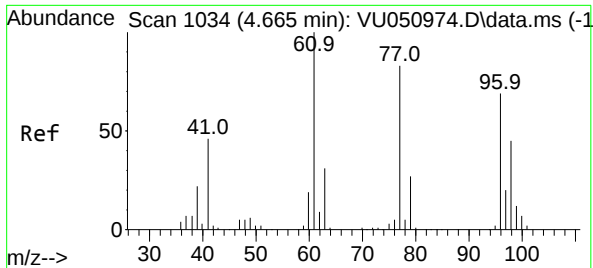
Ion Ratio Lower Upper

83 100

55 72.2 63.5 95.3

98 43.0 36.0 54.0





#21

2,2-Dichloropropane

Concen: 0.527 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

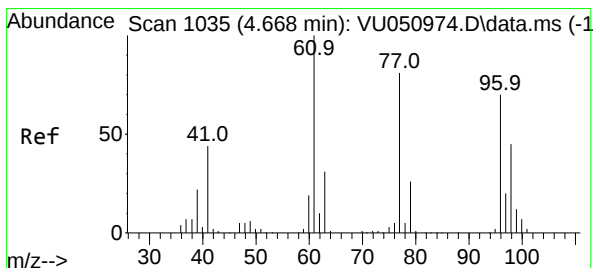
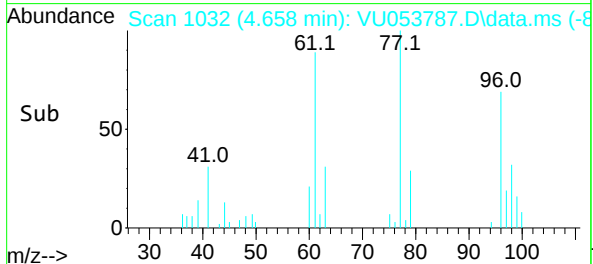
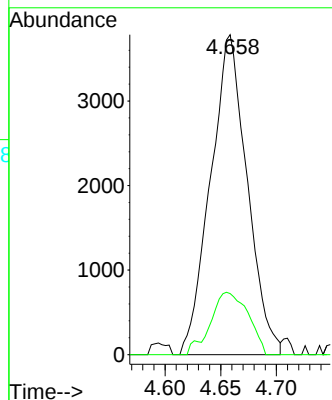
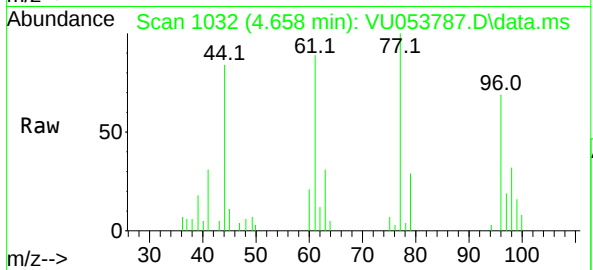
LOQ-WATER-02-QT2-2023

Tgt Ion: 77 Resp: 8676

Ion Ratio Lower Upper

77 100

97 20.0 18.4 27.6



#22

cis-1,2-Dichloroethene

Concen: 0.539 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

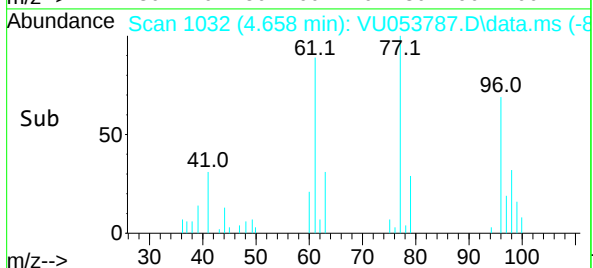
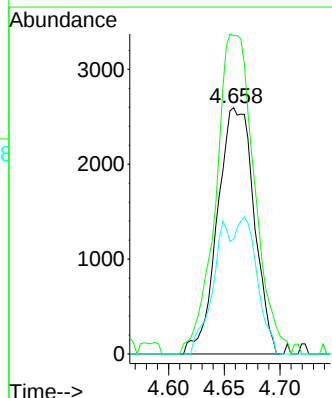
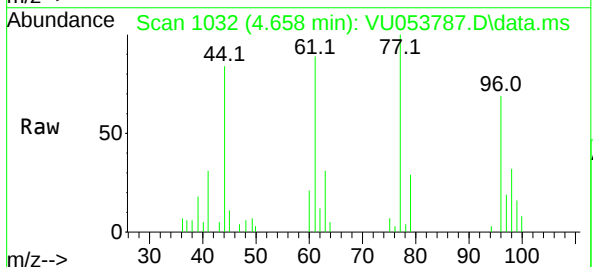
Tgt Ion: 96 Resp: 5924

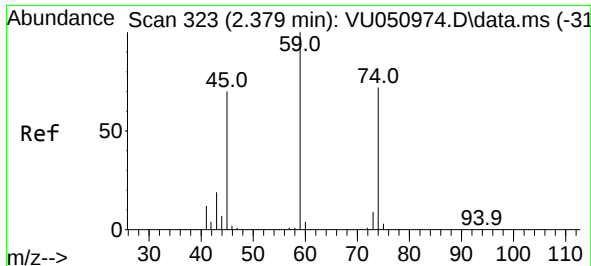
Ion Ratio Lower Upper

96 100

61 136.7 0.0 365.8

98 26.6 32.0 96.0#

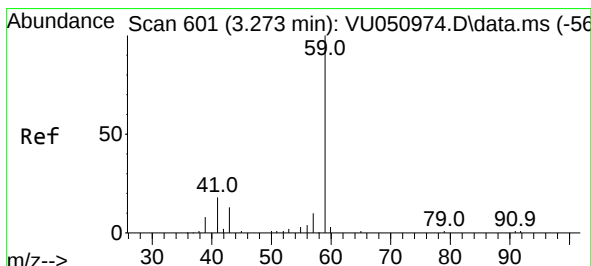
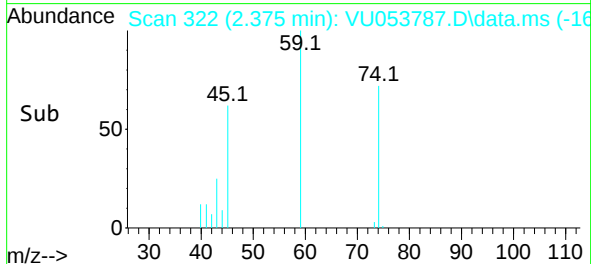
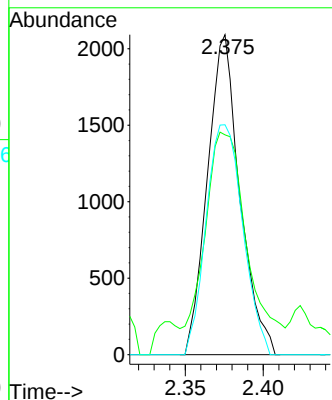
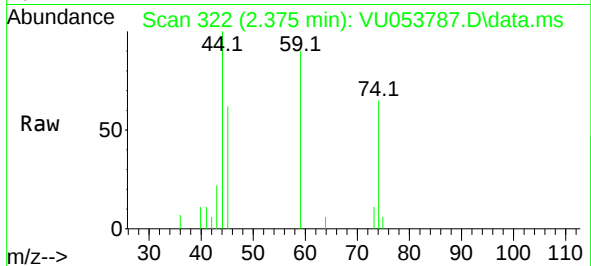




#23
Diethyl Ether
Concen: 0.503 ug/l
RT: 2.375 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

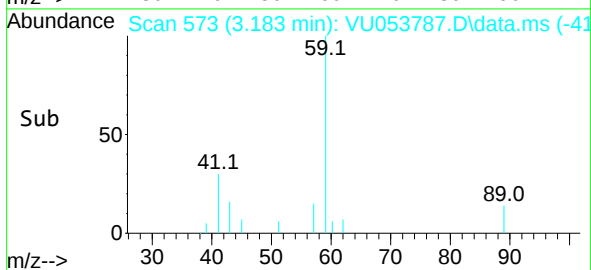
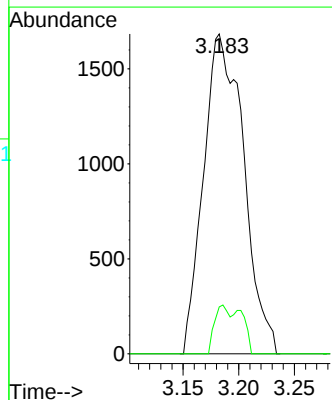
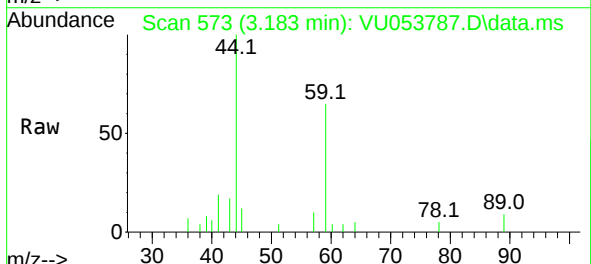
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

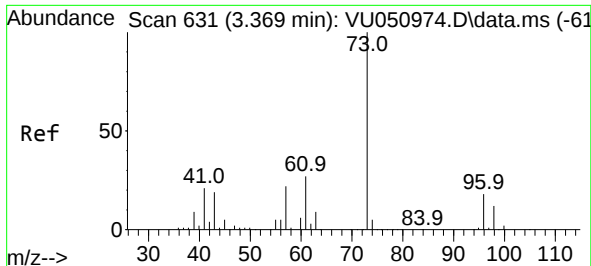
Tgt Ion: 59 Resp: 3013
Ion Ratio Lower Upper
59 100
45 78.4 56.1 84.1
74 81.4 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 5.414 ug/l
RT: 3.183 min Scan# 573
Delta R.T. -0.006 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion: 59 Resp: 4212
Ion Ratio Lower Upper
59 100
57 5.7 105.6 158.4#

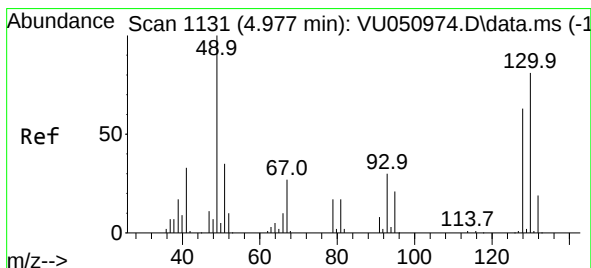
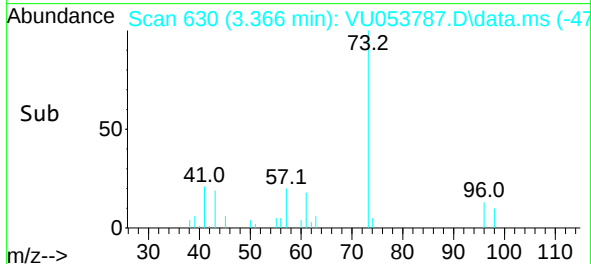
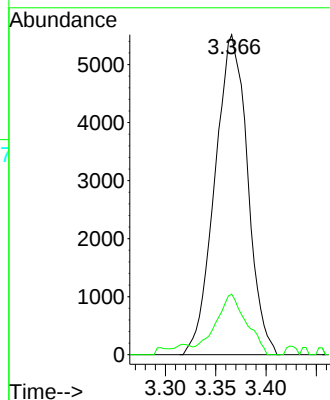
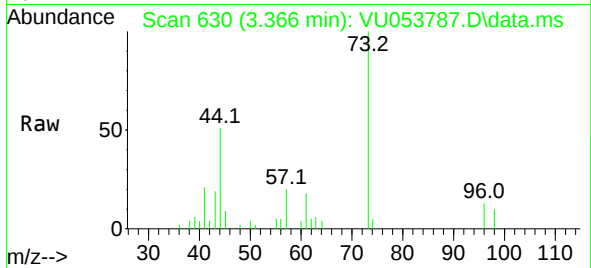




#25
Methyl tert-Butyl Ether
Concen: 0.549 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

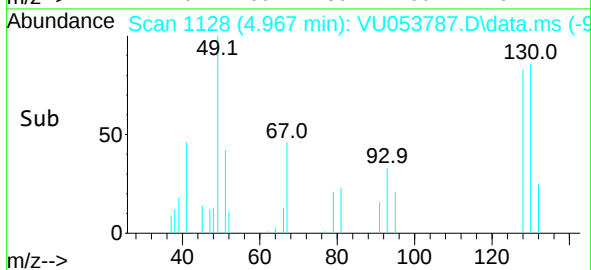
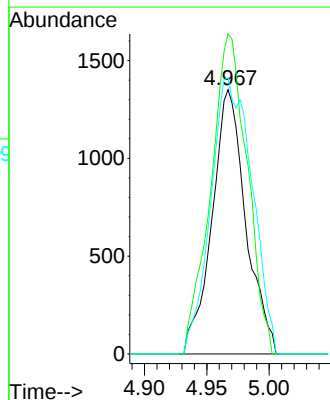
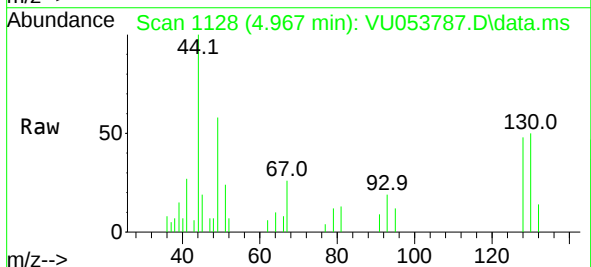
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

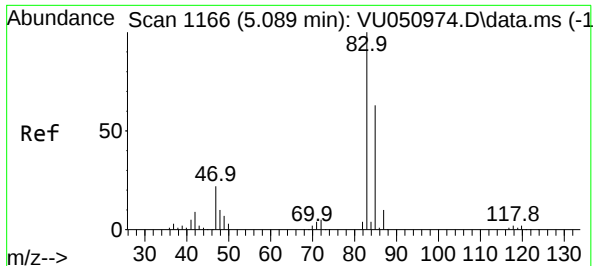
Tgt Ion: 73 Resp: 12445
Ion Ratio Lower Upper
73 100
43 17.9 15.0 22.6



#26
Bromochloromethane
Concen: 0.525 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion: 128 Resp: 2551
Ion Ratio Lower Upper
128 100
49 130.7 0.0 324.6
130 127.8 103.0 154.4





#27

Chloroform

Concen: 0.542 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

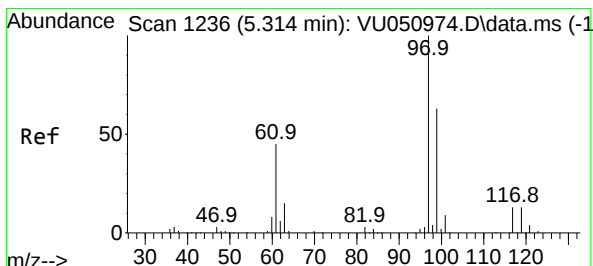
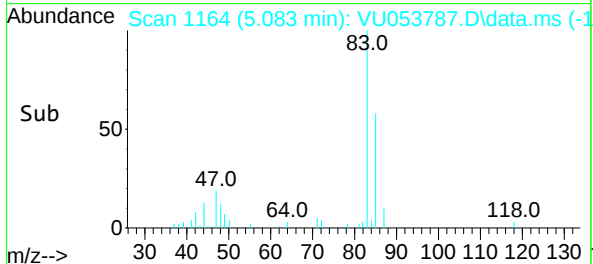
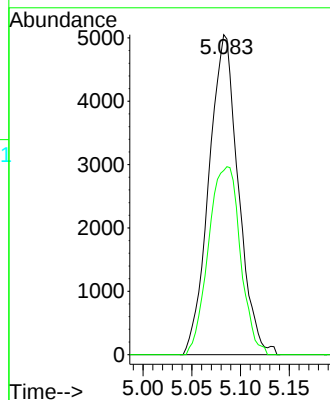
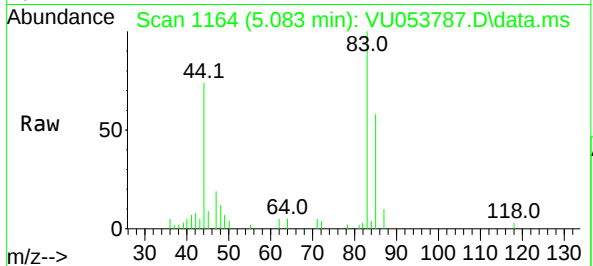
LOQ-WATER-02-QT2-2023

Tgt Ion: 83 Resp: 10609

Ion Ratio Lower Upper

83 100

85 57.6 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 0.523 ug/l

RT: 5.305 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

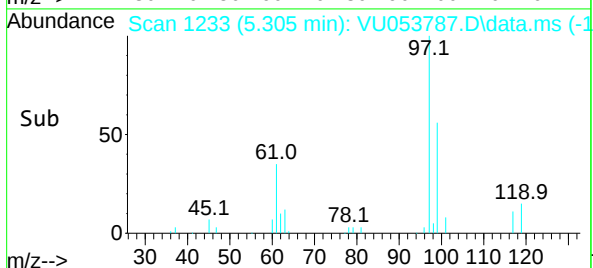
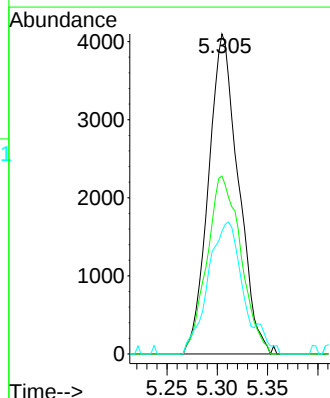
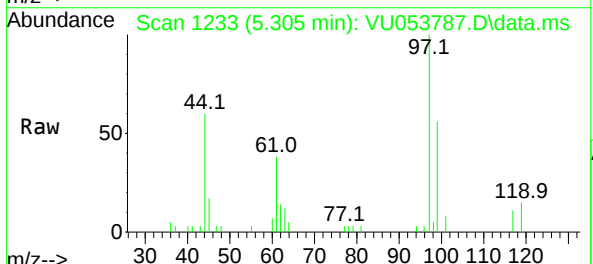
Tgt Ion: 97 Resp: 8481

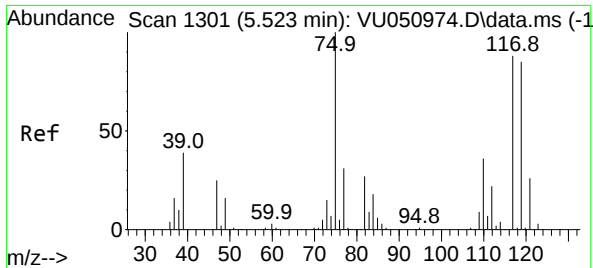
Ion Ratio Lower Upper

97 100

99 62.8 32.0 96.2

61 45.4 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.485 ug/l

RT: 5.517 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

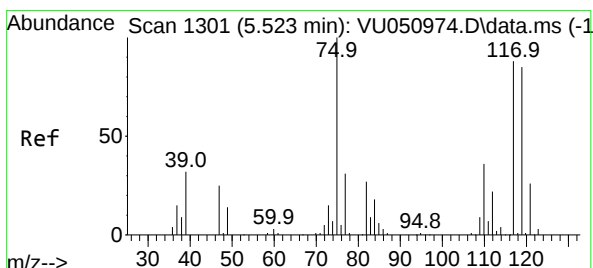
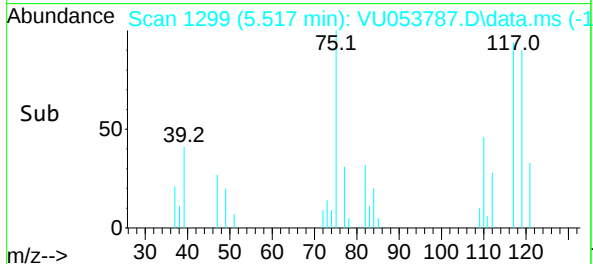
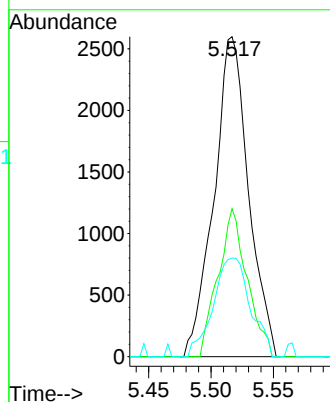
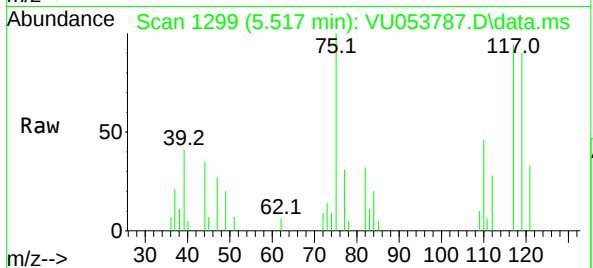
Tgt Ion: 75 Resp: 5009

Ion Ratio Lower Upper

75 100

110 38.9 18.0 54.0

77 33.2 24.7 37.1



#30

Carbon Tetrachloride

Concen: 0.497 ug/l

RT: 5.510 min Scan# 1297

Delta R.T. -0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

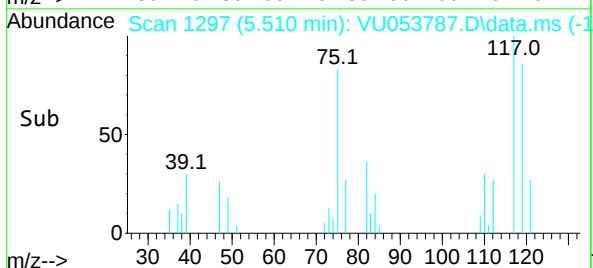
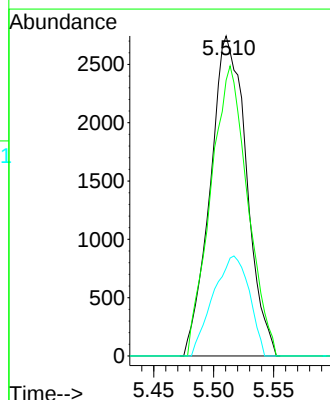
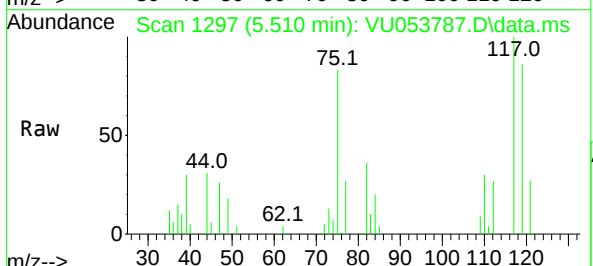
Tgt Ion: 117 Resp: 5763

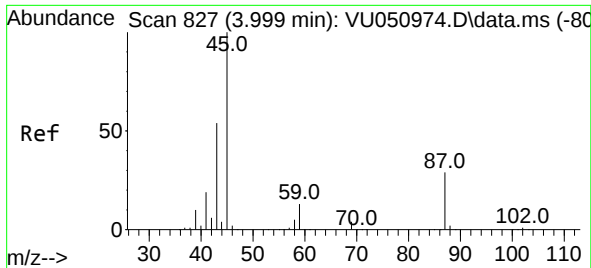
Ion Ratio Lower Upper

117 100

119 86.2 77.4 116.0

121 27.4 24.0 36.0

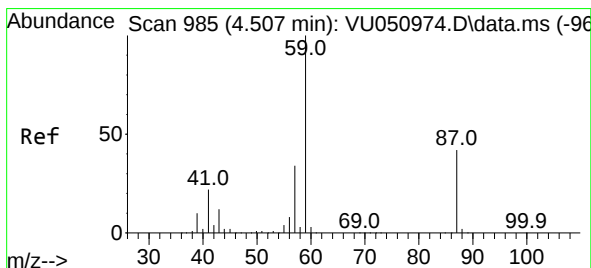
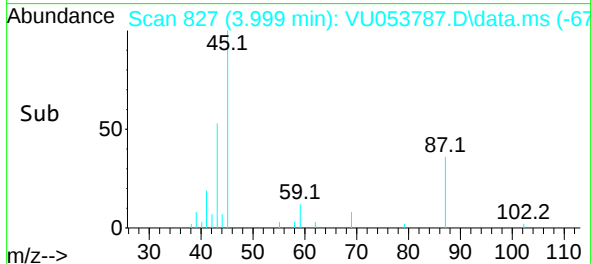
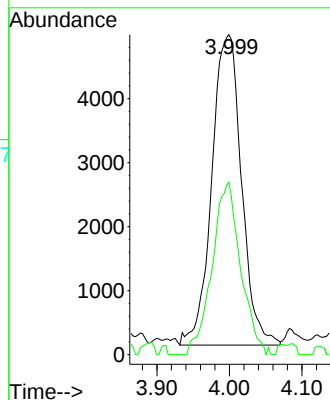
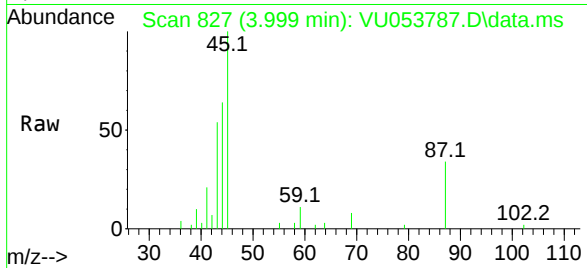




#31
Isopropyl Ether
Concen: 0.527 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

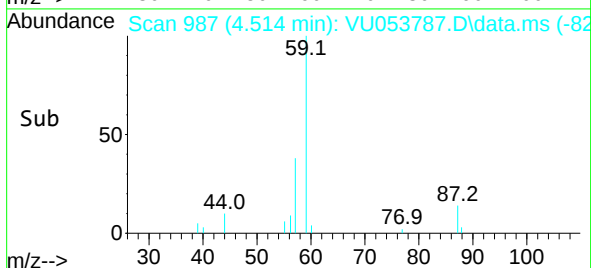
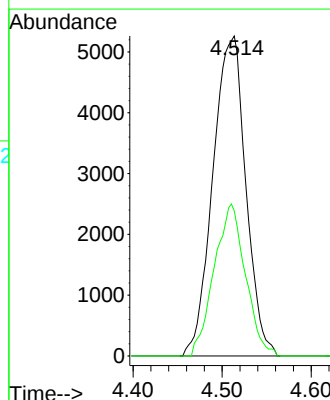
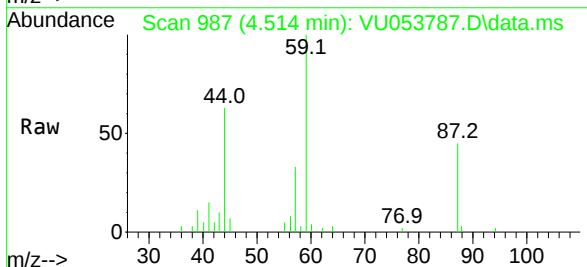
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

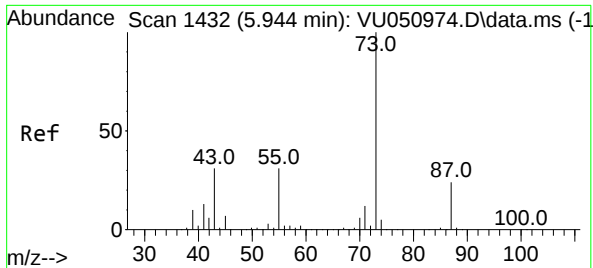
Tgt Ion: 45 Resp: 13805
Ion Ratio Lower Upper
45 100
43 53.4 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 0.510 ug/l
RT: 4.514 min Scan# 987
Delta R.T. 0.006 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion: 59 Resp: 13516
Ion Ratio Lower Upper
59 100
87 45.1 33.5 50.3

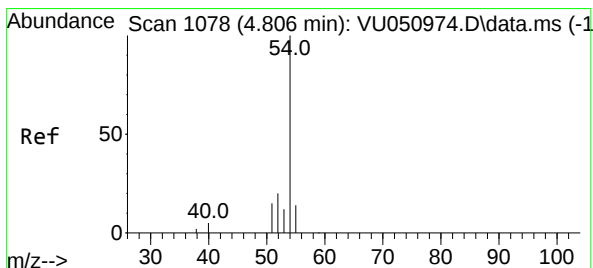
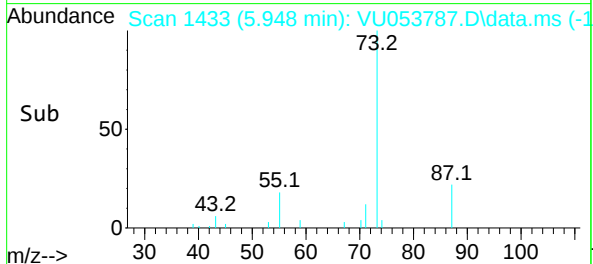
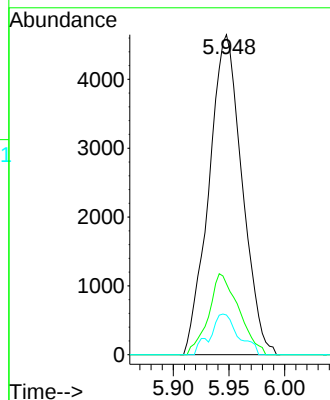
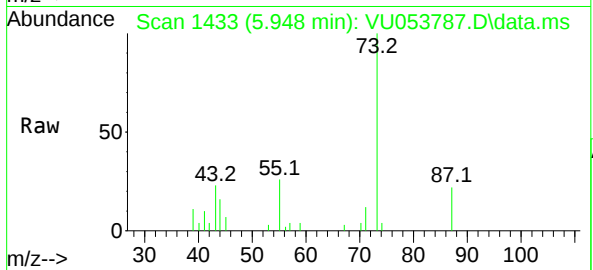




#33
Tert-Amyl methyl ether
Concen: 0.497 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.004 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

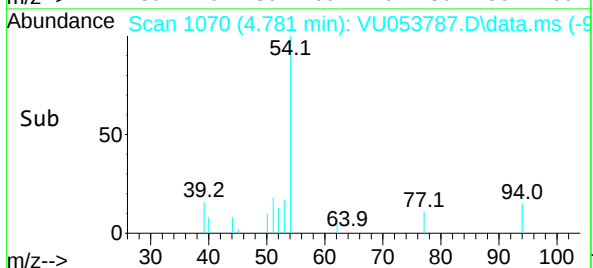
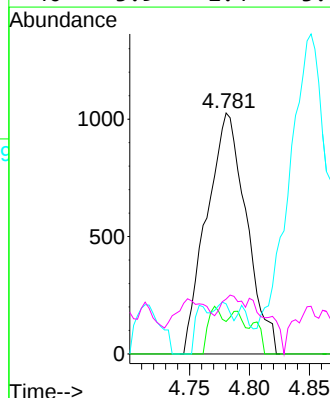
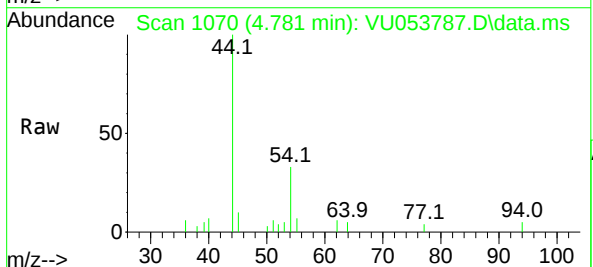
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

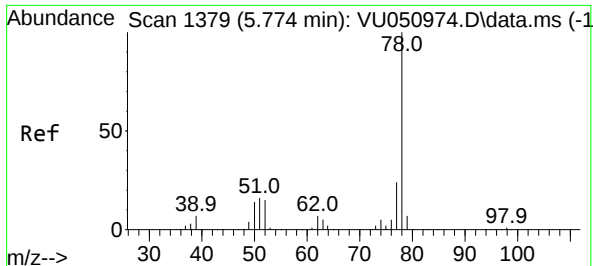
Tgt Ion: 73	Resp: 9620
Ion Ratio	Lower Upper
73 100	
87 23.1	18.6 28.0
71 10.8	9.9 14.9



#34
Propionitrile
Concen: 2.867 ug/l
RT: 4.781 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion: 54	Resp: 2358
Ion Ratio	Lower Upper
54 100	
52 3.1	17.4 26.0#
55 0.0	104.1 156.1#
40 3.9	2.4 3.6#

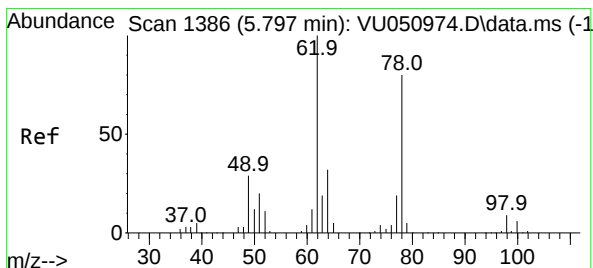
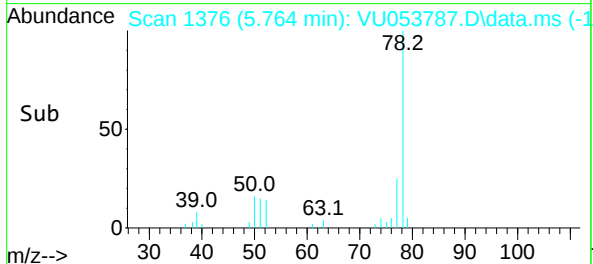
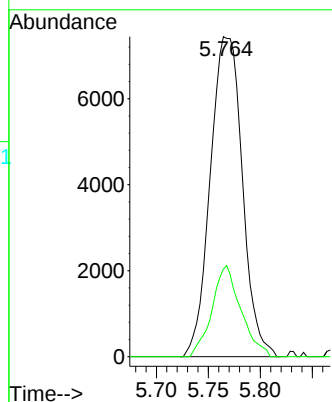
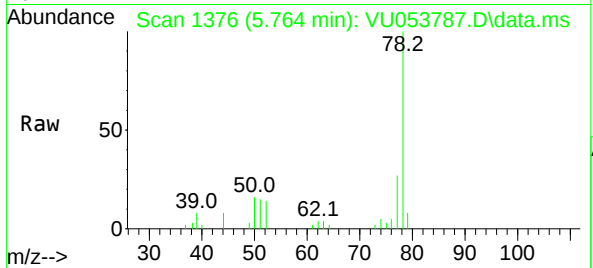




#35
Benzene
Concen: 0.503 ug/l
RT: 5.764 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

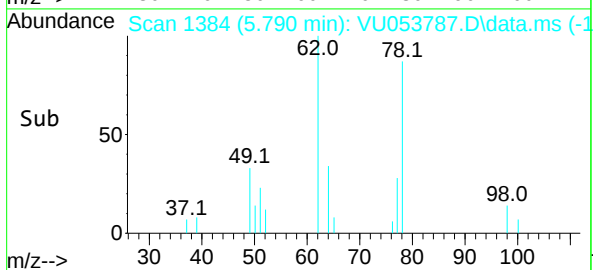
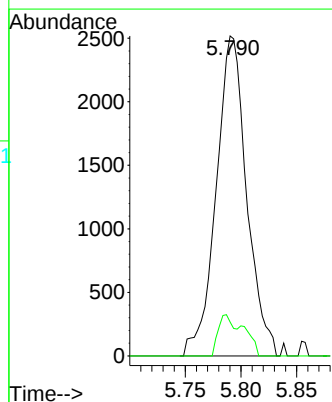
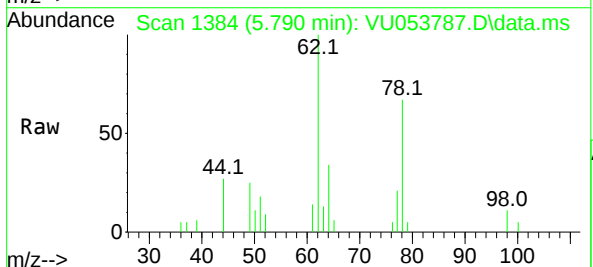
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

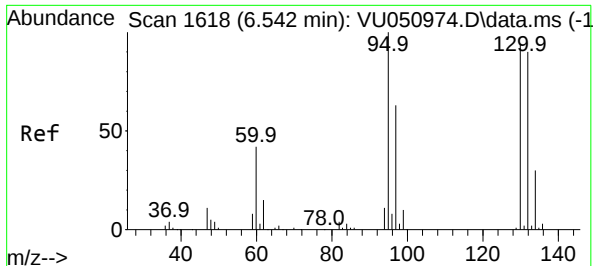
Tgt Ion: 78 Resp: 15990
Ion Ratio Lower Upper
78 100
77 27.4 18.9 28.3



#36
1,2-Dichloroethane
Concen: 0.481 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion: 62 Resp: 4802
Ion Ratio Lower Upper
62 100
98 6.9 7.3 10.9#





#37

Trichloroethene

Concen: 0.492 ug/l

RT: 6.539 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

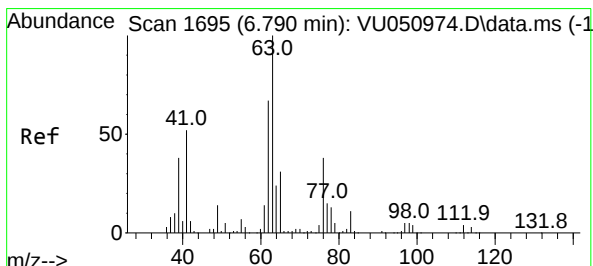
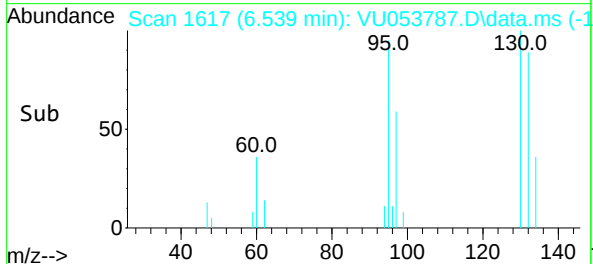
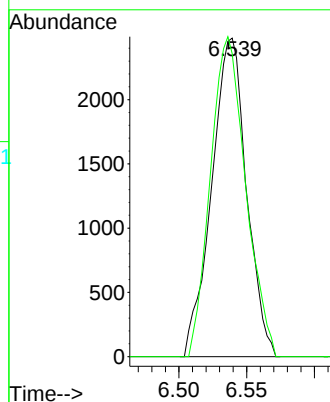
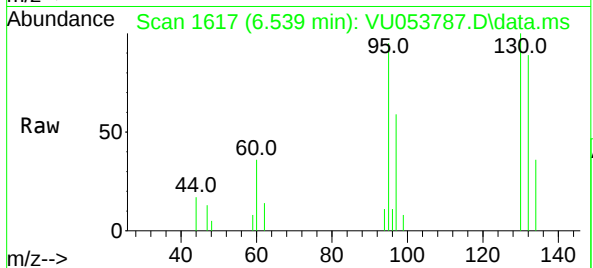
LOQ-WATER-02-QT2-2023

Tgt Ion:130 Resp: 4438

Ion Ratio Lower Upper

130 100

95 95.1 85.0 127.6



#38

1,2-Dichloropropane

Concen: 0.510 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU053787.D

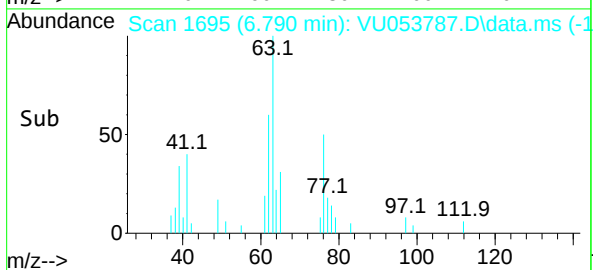
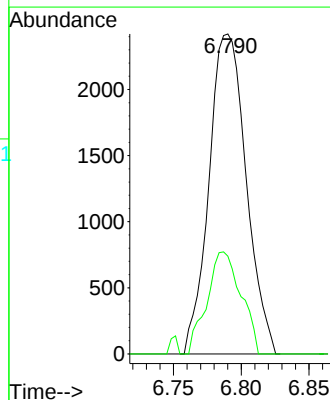
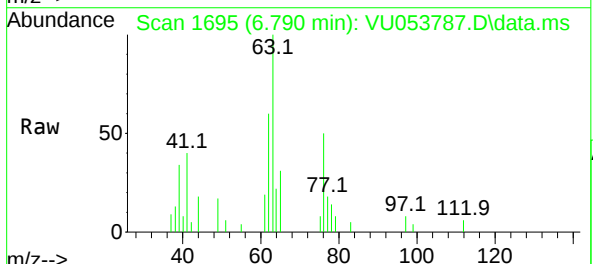
Acq: 19 Apr 2023 17:41

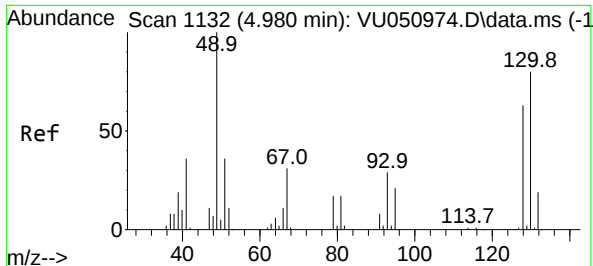
Tgt Ion: 63 Resp: 4619

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3





#39

Methacrylonitrile

Concen: 0.487 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU053787.D

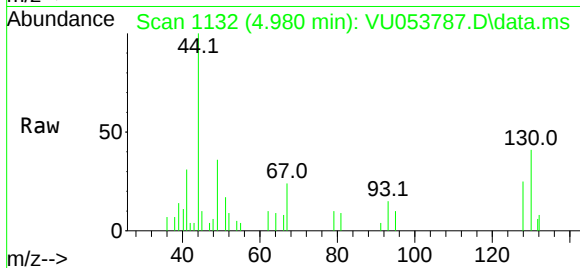
Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion: 41 Resp: 1598

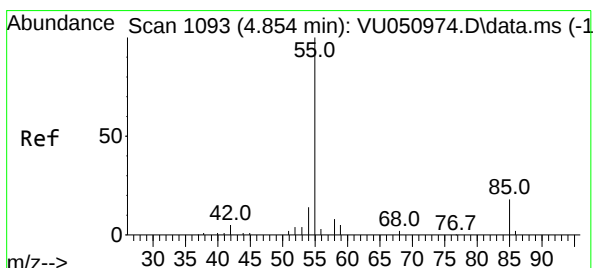
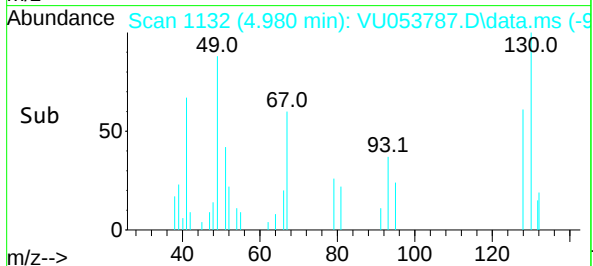
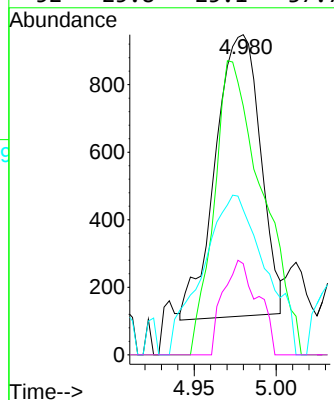
Ion Ratio Lower Upper

41 100

67 111.3 66.8 100.2#

39 78.0 41.2 61.8#

52 25.8 25.1 37.7



#40

Methyl acrylate

Concen: 0.523 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Tgt Ion: 55 Resp: 2833

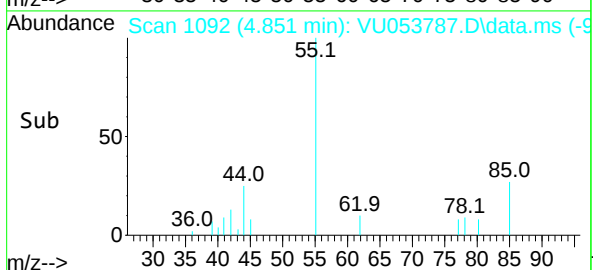
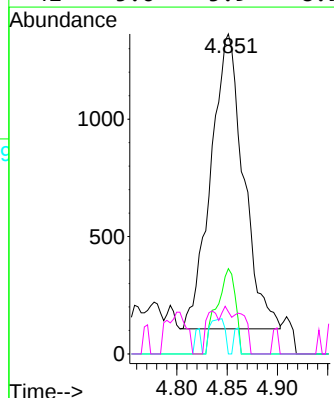
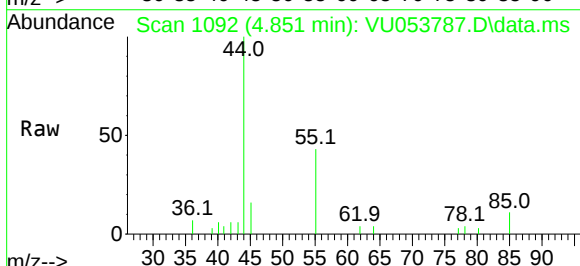
Ion Ratio Lower Upper

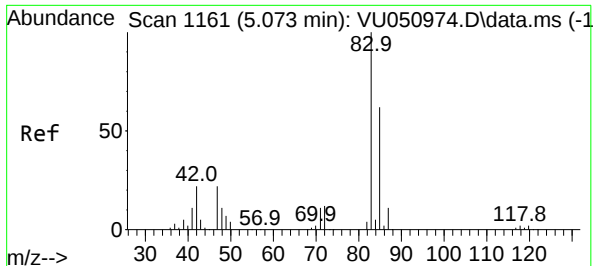
55 100

85 16.4 13.3 19.9

58 5.5 6.5 9.7#

42 5.6 5.9 8.9#





#41

Tetrahydrofuran

Concen: 1.013 ug/l

RT: 5.060 min Scan# 1161

Delta R.T. -0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

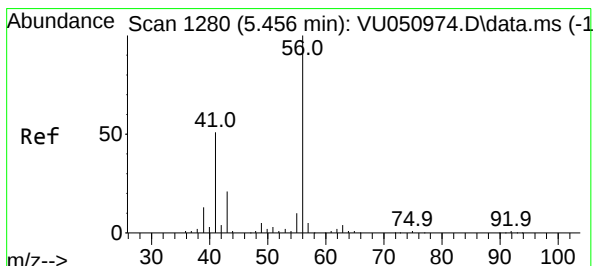
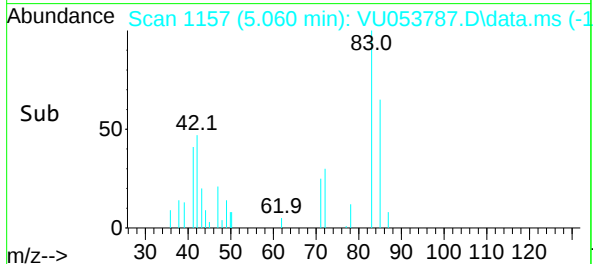
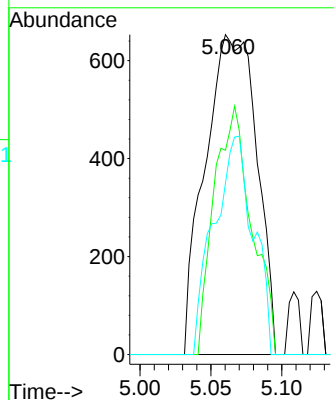
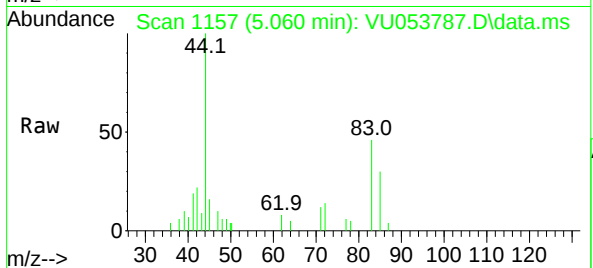
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:	42	Resp:	1657
Ion Ratio	Lower	Upper	
42	100		
72	56.4	40.9	61.3
71	52.3	36.9	55.3



#42

1-Chlorobutane

Concen: 0.530 ug/l

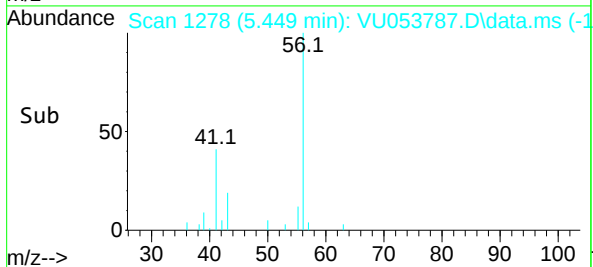
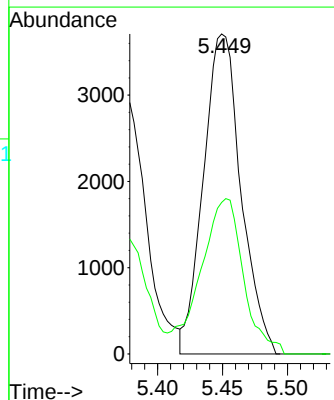
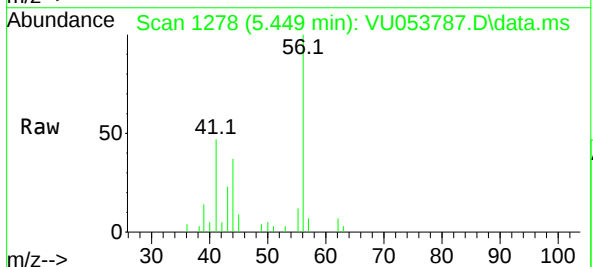
RT: 5.449 min Scan# 1278

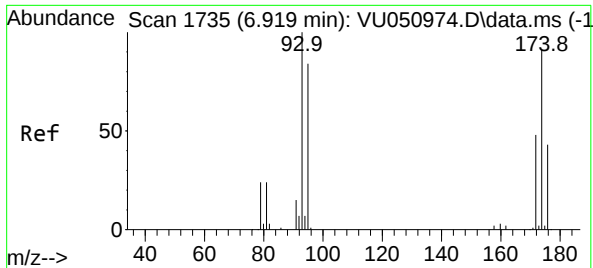
Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Tgt Ion:	56	Resp:	7467
Ion Ratio	Lower	Upper	
56	100		
41	55.3	25.2	75.6





#43

Dibromomethane

Concen: 0.496 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

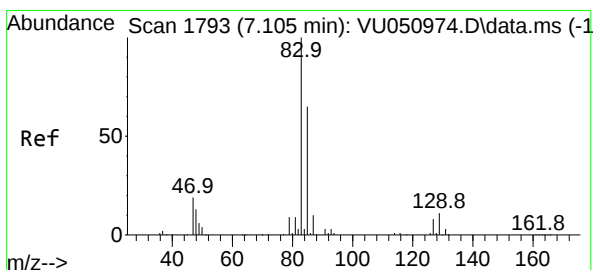
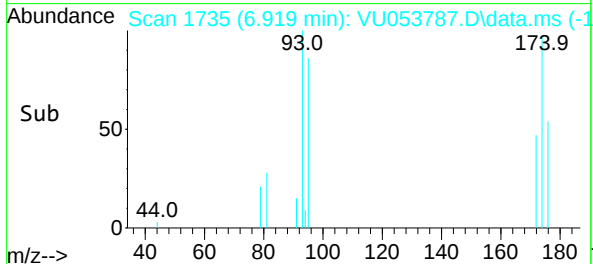
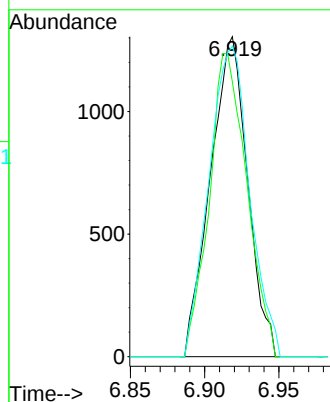
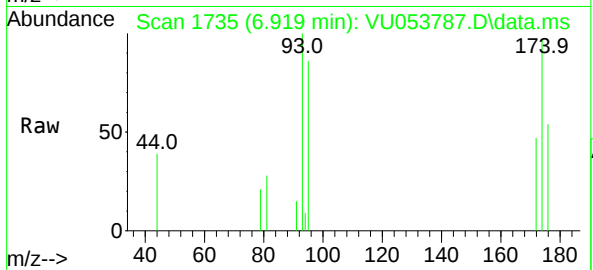
Tgt Ion: 93 Resp: 2276

Ion Ratio Lower Upper

93 100

95 95.8 67.0 100.6

174 106.0 73.8 110.6



#44

Bromodichloromethane

Concen: 0.459 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

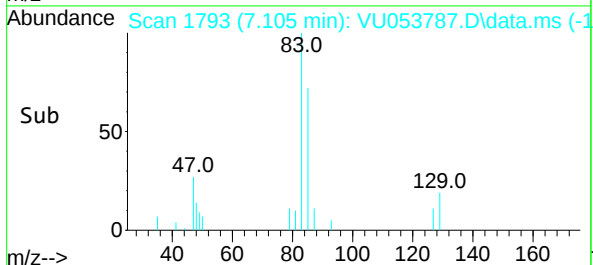
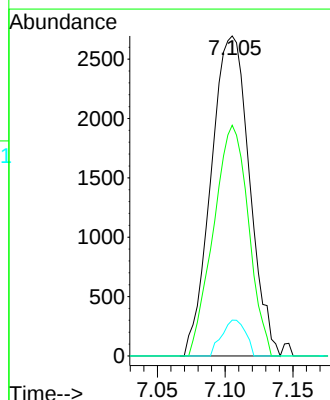
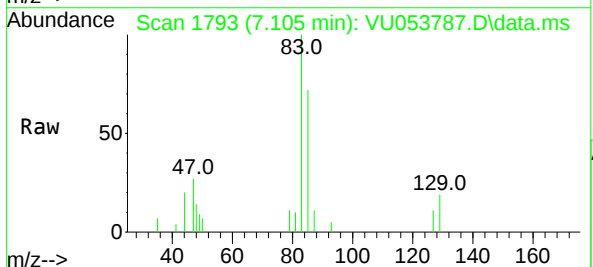
Tgt Ion: 83 Resp: 5308

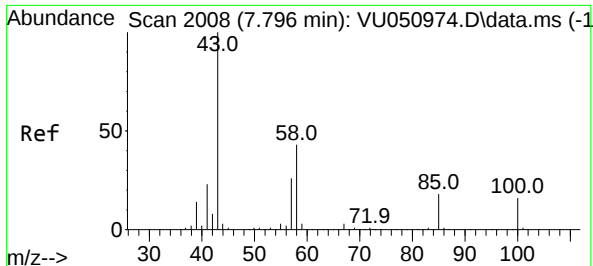
Ion Ratio Lower Upper

83 100

85 72.1 51.9 77.9

127 11.2 6.7 10.1#





#45

4-Methyl-2-Pentanone

Concen: 2.510 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

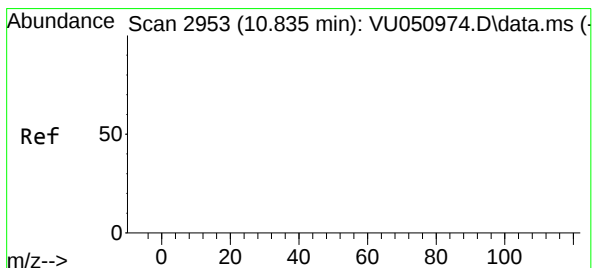
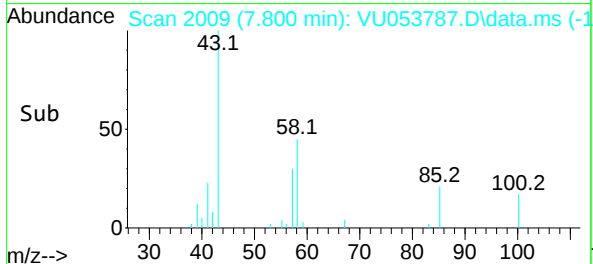
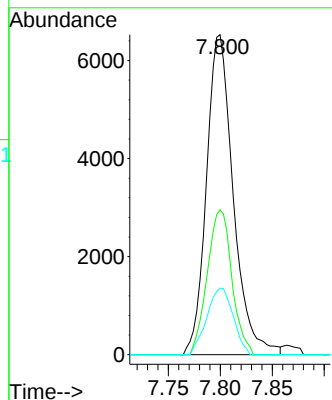
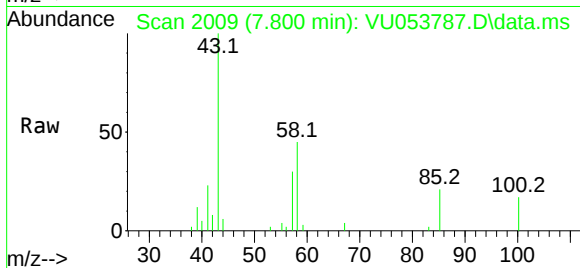
Tgt Ion: 43 Resp: 11715

Ion Ratio Lower Upper

43 100

58 41.5 20.9 62.8

85 20.4 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 2.648 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.007 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Tgt Ion: 75 Resp: 5133

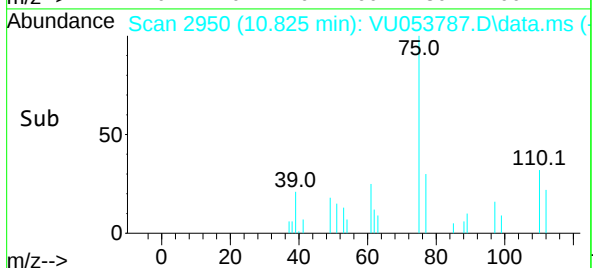
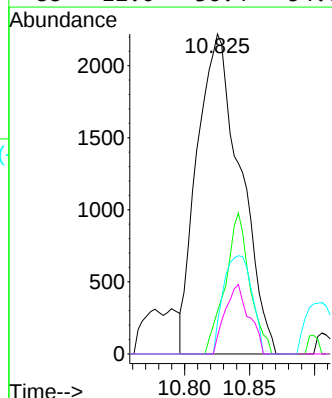
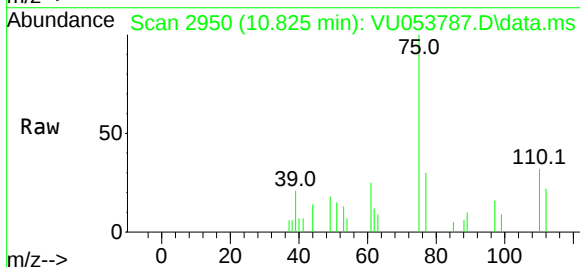
Ion Ratio Lower Upper

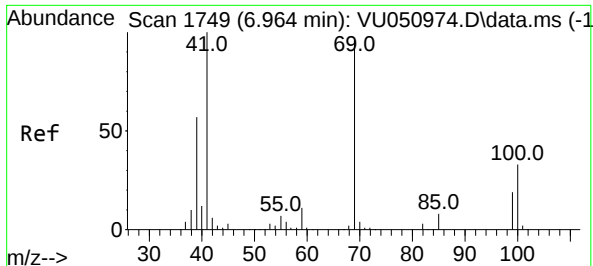
75 100

53 25.0 73.3 109.9#

89 20.2 48.2 72.4#

88 12.0 36.4 54.6#





#47

Methyl methacrylate

Concen: 0.892 ug/l

RT: 6.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053787.D

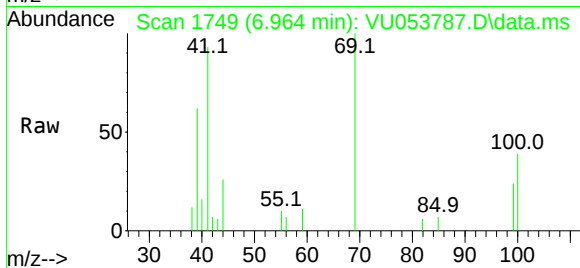
Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion: 69 Resp: 3597

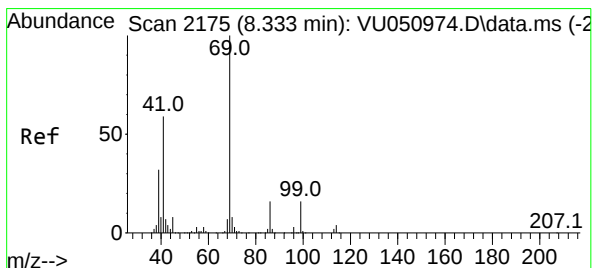
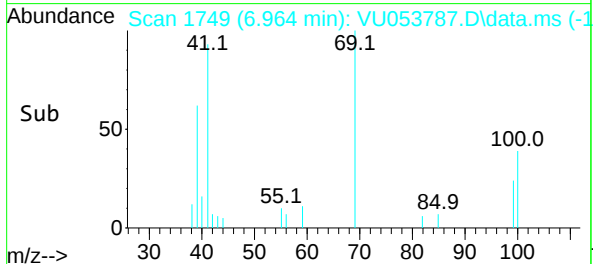
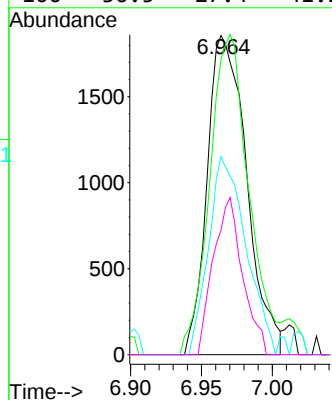
Ion Ratio Lower Upper

69 100

41 99.5 0.0 209.2

39 58.8 46.7 70.1

100 36.5 27.4 41.2



#48

Ethyl methacrylate

Concen: 0.429 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU053787.D

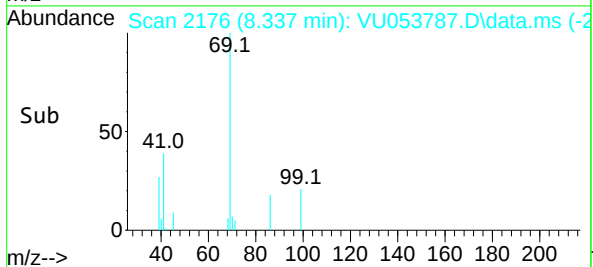
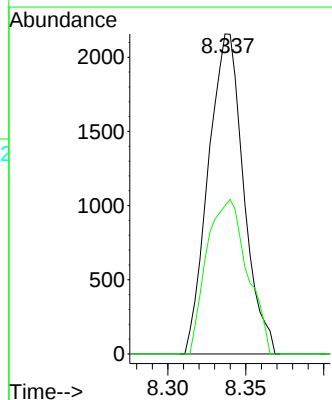
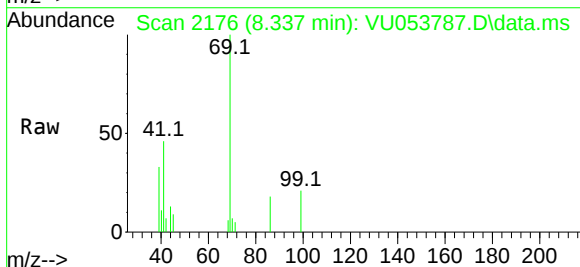
Acq: 19 Apr 2023 17:41

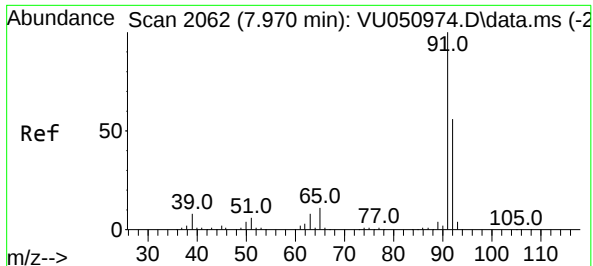
Tgt Ion: 69 Resp: 3386

Ion Ratio Lower Upper

69 100

41 55.4 30.3 90.8





#49

Toluene

Concen: 0.476 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

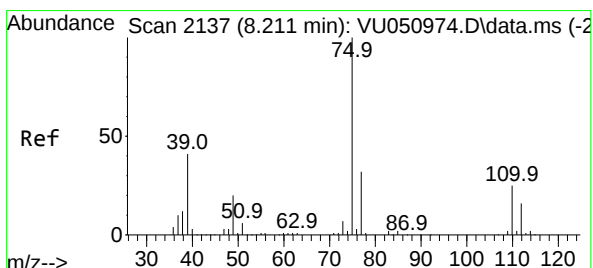
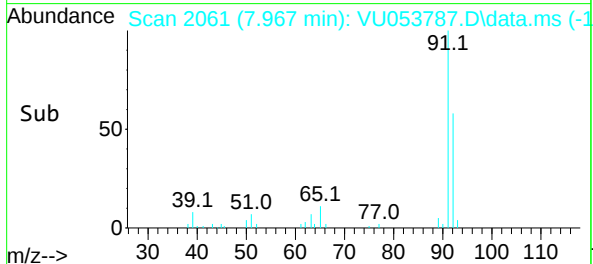
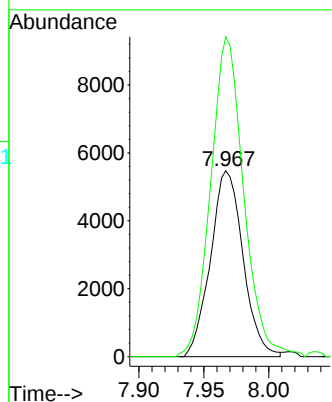
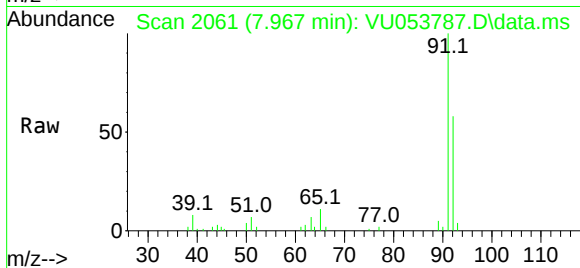
LOQ-WATER-02-QT2-2023

Tgt Ion: 92 Resp: 9542

Ion Ratio Lower Upper

92 100

91 174.2 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 0.444 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU053787.D

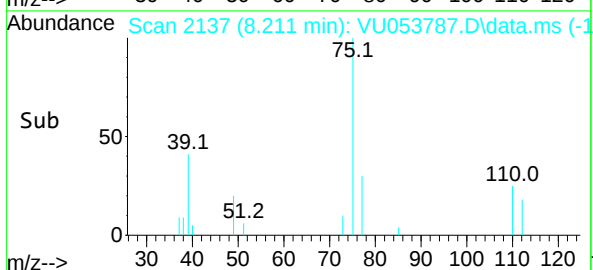
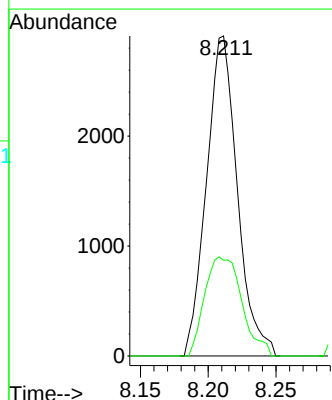
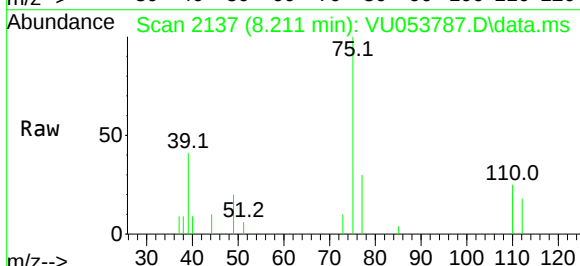
Acq: 19 Apr 2023 17:41

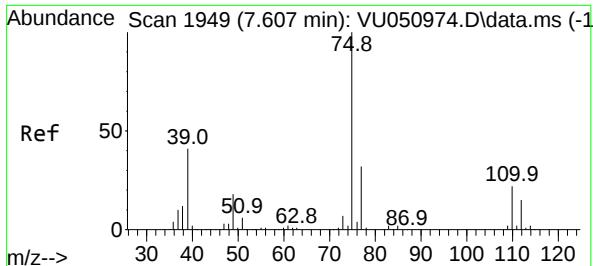
Tgt Ion: 75 Resp: 4612

Ion Ratio Lower Upper

75 100

77 29.9 25.3 37.9

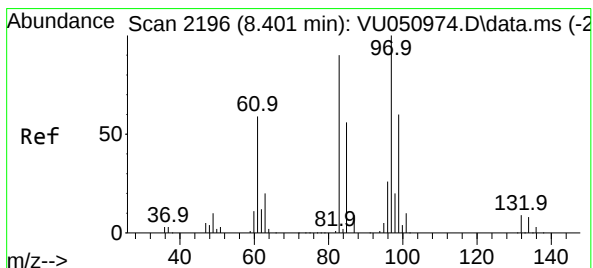
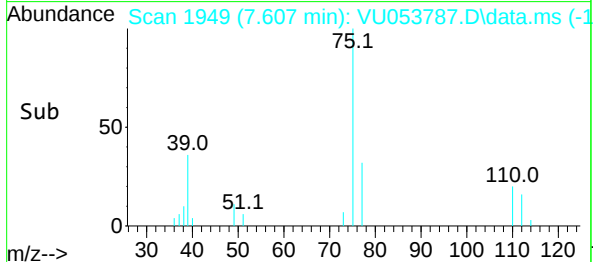
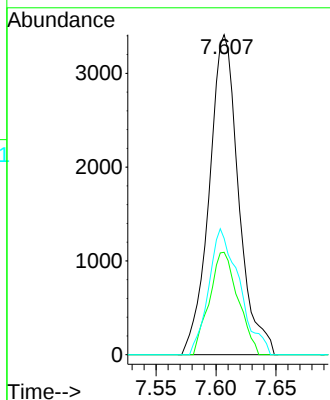
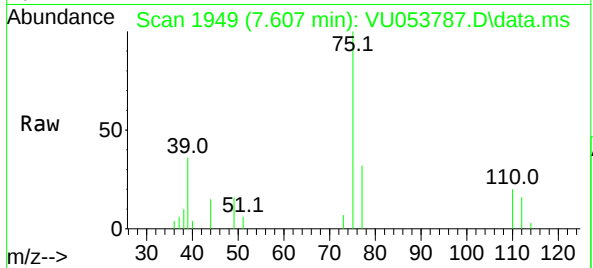




#51
 cis-1,3-Dichloropropene
 Concen: 0.467 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU053787.D
 Acq: 19 Apr 2023 17:41

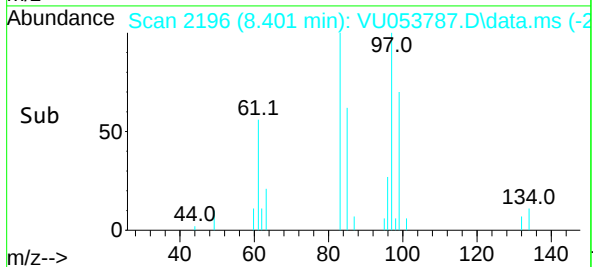
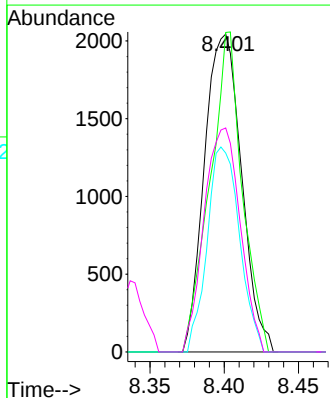
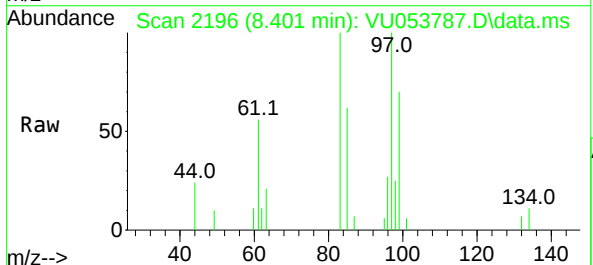
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT2-2023

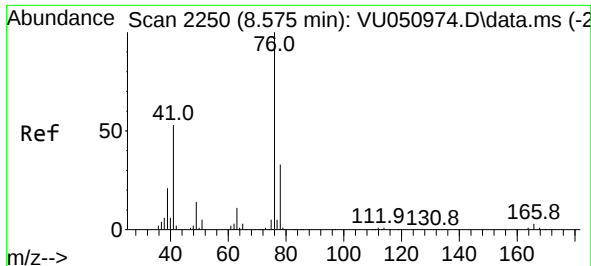
Tgt Ion:	75	Resp:	5799
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.7	38.5
39	36.4	32.8	49.2



#52
 1,1,2-Trichloroethane
 Concen: 0.487 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU053787.D
 Acq: 19 Apr 2023 17:41

Tgt Ion:	97	Resp:	3545
Ion	Ratio	Lower	Upper
97	100		
83	100.5	71.8	107.8
85	62.5	45.2	67.8
99	70.5	50.6	75.8





#53

1,3-Dichloropropane

Concen: 0.510 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

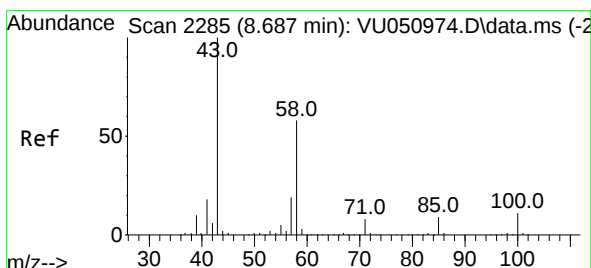
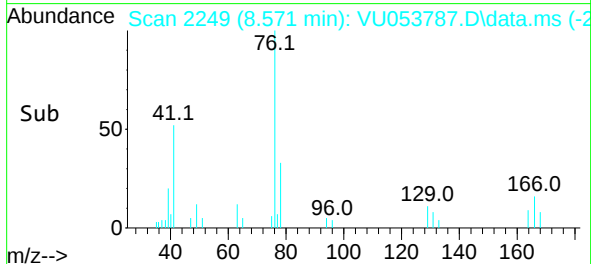
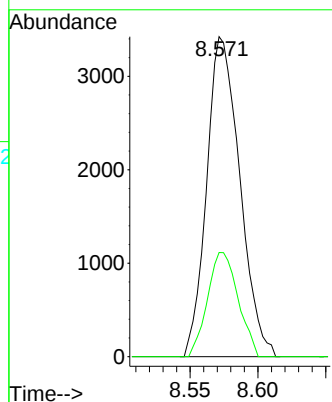
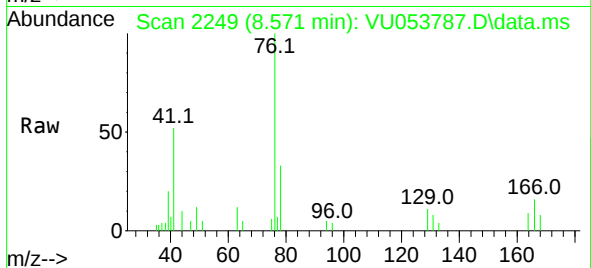
LOQ-WATER-02-QT2-2023

Tgt Ion: 76 Resp: 5816

Ion Ratio Lower Upper

76 100

78 30.0 25.9 38.9



#54

2-Hexanone

Concen: 2.185 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

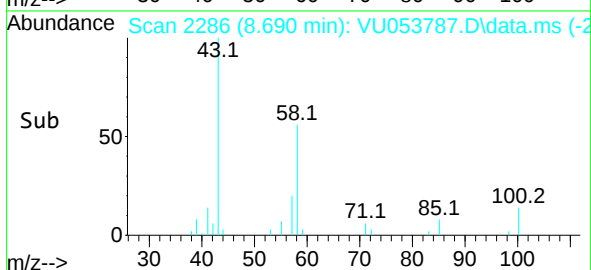
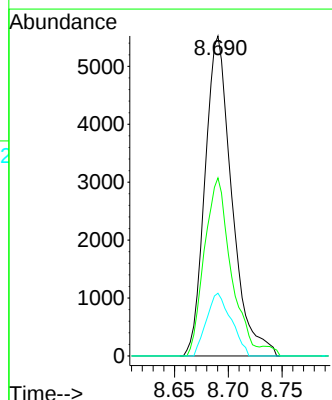
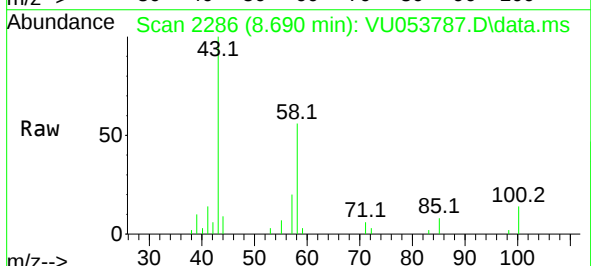
Tgt Ion: 43 Resp: 9566

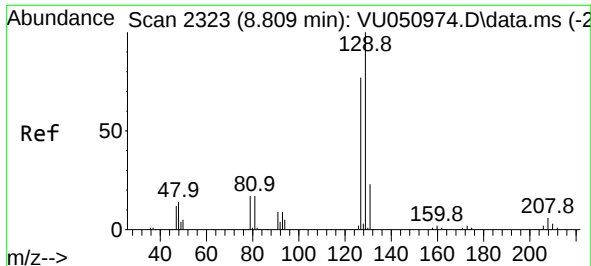
Ion Ratio Lower Upper

43 100

58 55.3 38.2 78.2

57 18.1 0.0 39.1

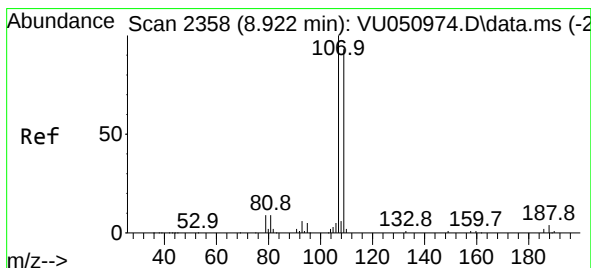
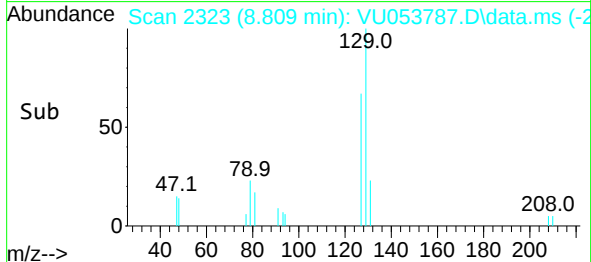
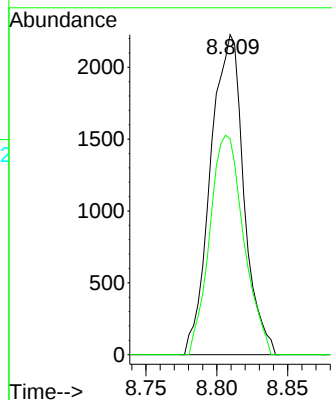
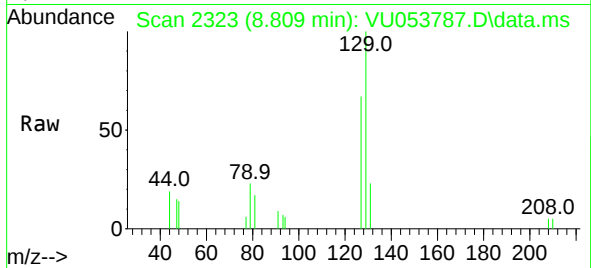




#55
Dibromochloromethane
Concen: 0.474 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

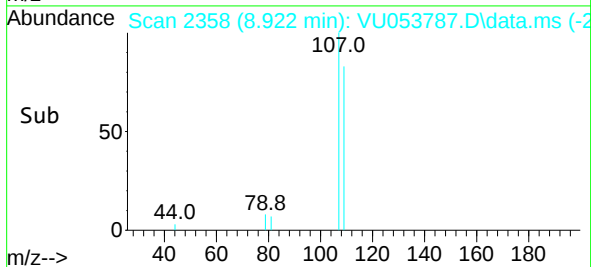
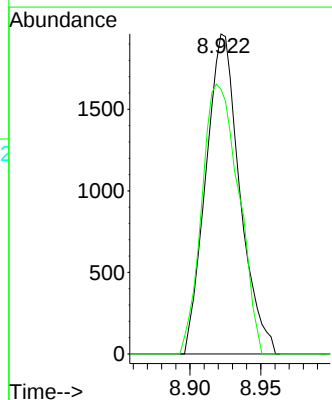
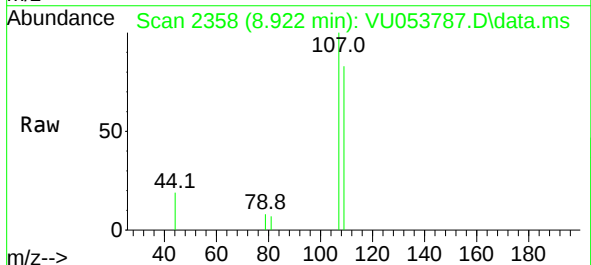
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

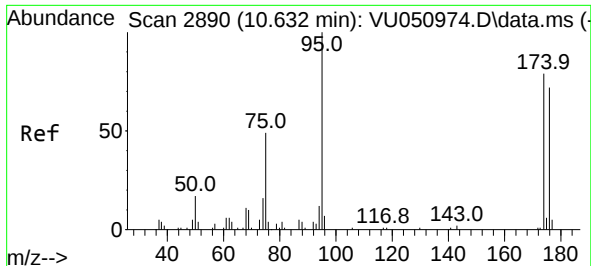
Tgt Ion:129 Resp: 3629
Ion Ratio Lower Upper
129 100
127 70.1 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.520 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:107 Resp: 3265
Ion Ratio Lower Upper
107 100
109 91.5 0.0 184.4

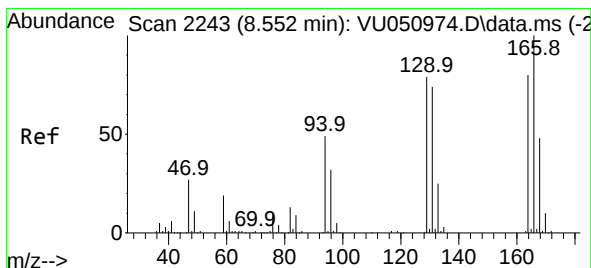
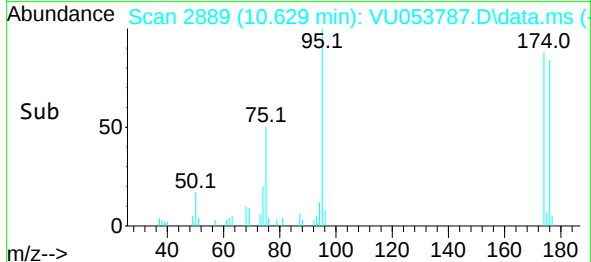
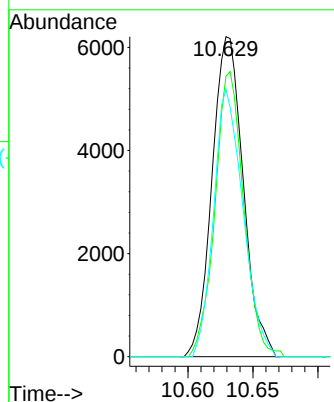
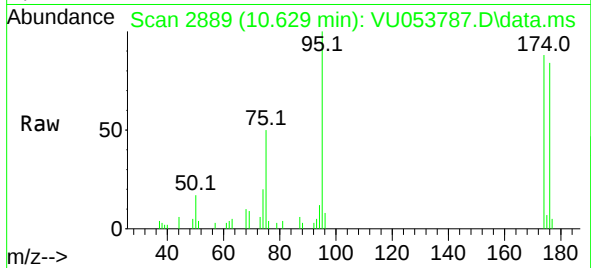




#57
 4-Bromofluorobenzene
 Concen: 0.917 ug/l
 RT: 10.629 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU053787.D
 Acq: 19 Apr 2023 17:41

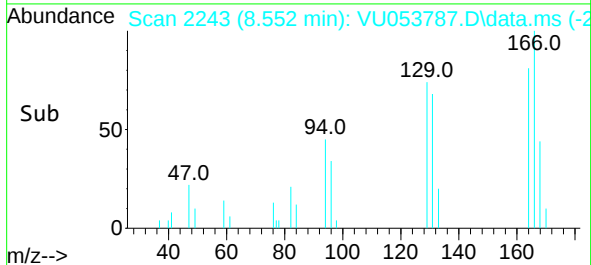
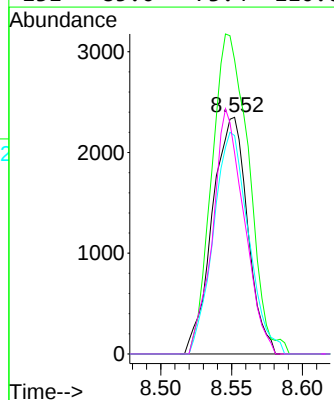
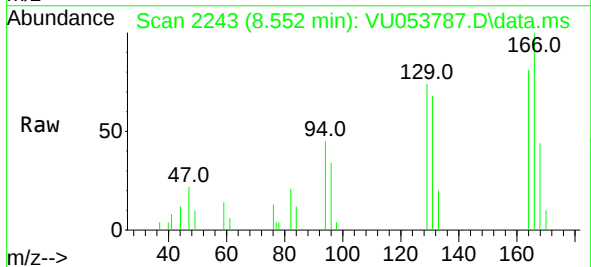
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT2-2023

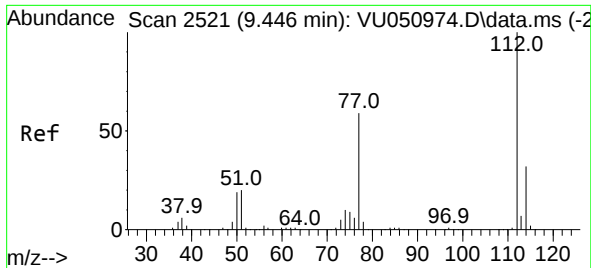
Tgt Ion:	95	Resp:	10344
Ion Ratio	Lower	Upper	
95	100		
174	82.2	63.3	94.9
176	78.9	59.3	88.9



#58
 Tetrachloroethene
 Concen: 0.467 ug/l
 RT: 8.552 min Scan# 2243
 Delta R.T. 0.003 min
 Lab File: VU053787.D
 Acq: 19 Apr 2023 17:41

Tgt Ion:	164	Resp:	4072
Ion Ratio	Lower	Upper	
164	100		
166	124.2	99.6	149.4
129	92.3	78.6	117.8
131	85.0	73.4	110.0

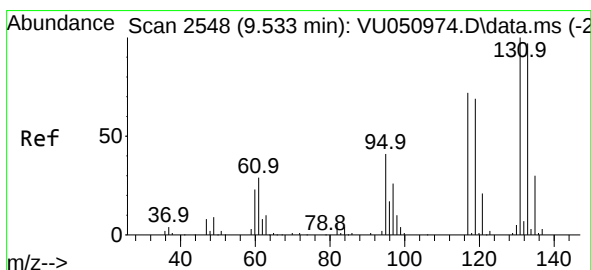
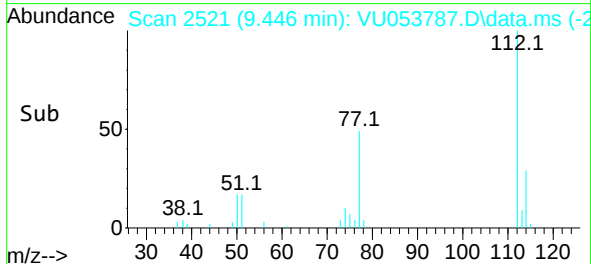
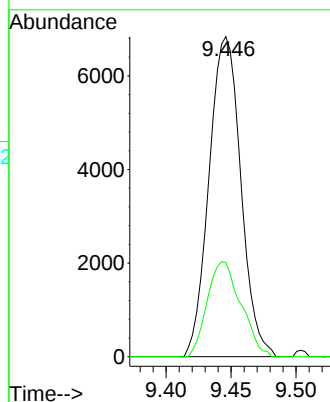
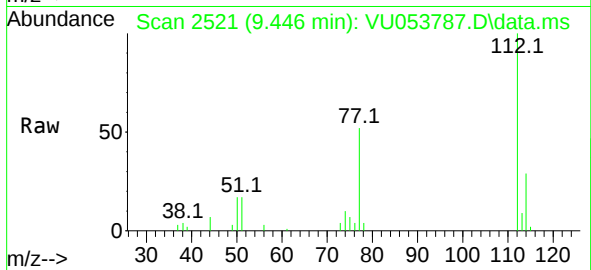




#59
Chlorobenzene
Concen: 0.467 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

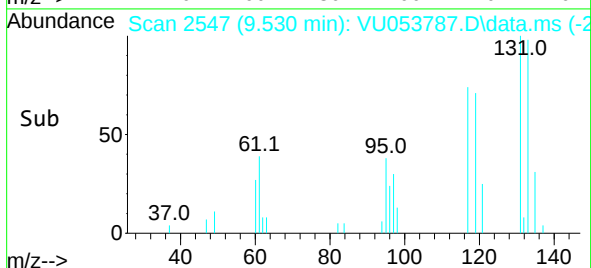
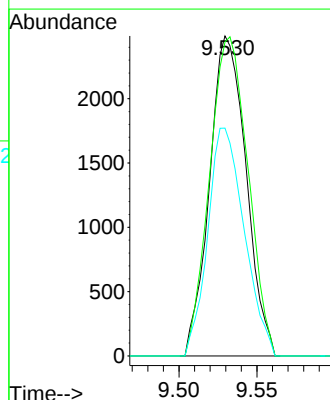
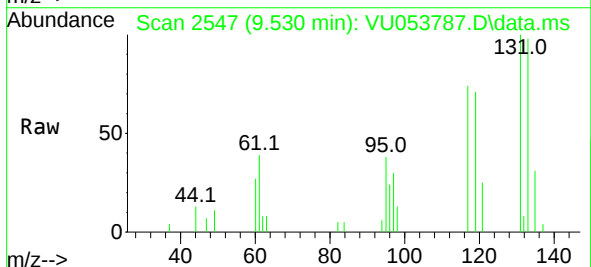
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

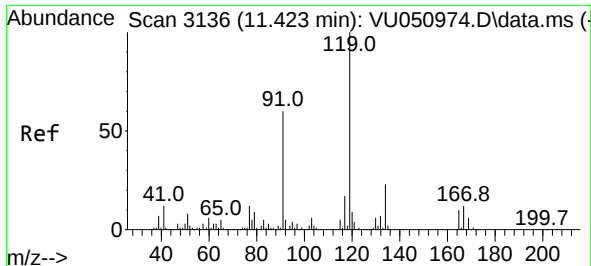
Tgt Ion:112 Resp: 11634
Ion Ratio Lower Upper
112 100
114 29.4 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.451 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:131 Resp: 4052
Ion Ratio Lower Upper
131 100
133 104.8 77.8 116.6
119 71.2 55.2 82.8

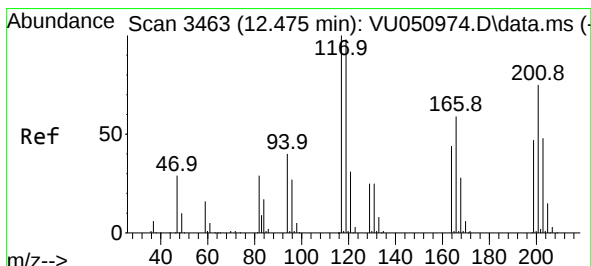
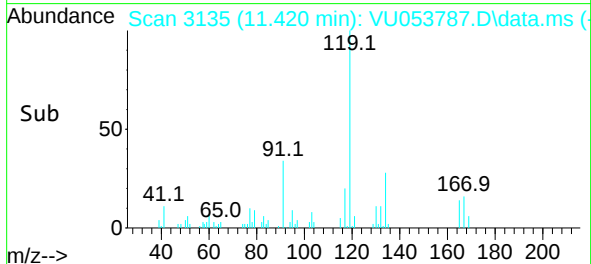
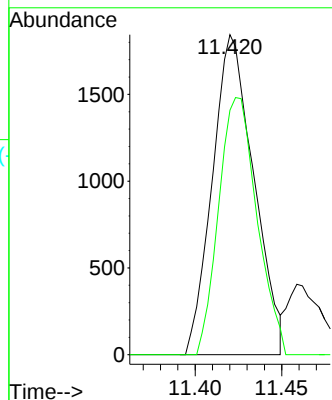
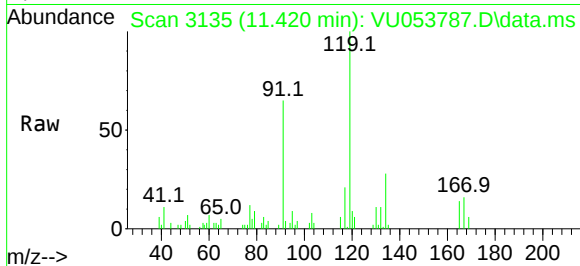




#61
Pentachloroethane
Concen: 0.442 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

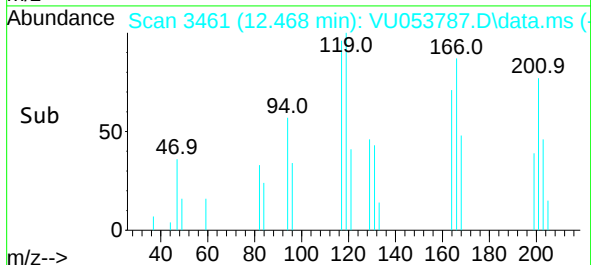
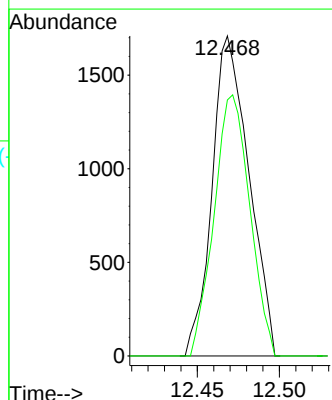
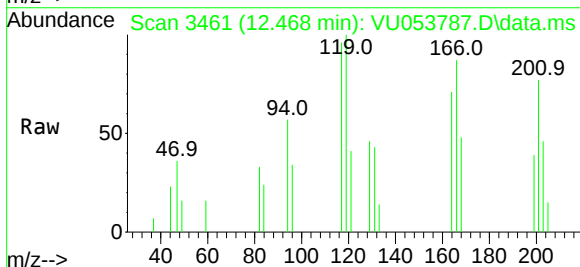
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

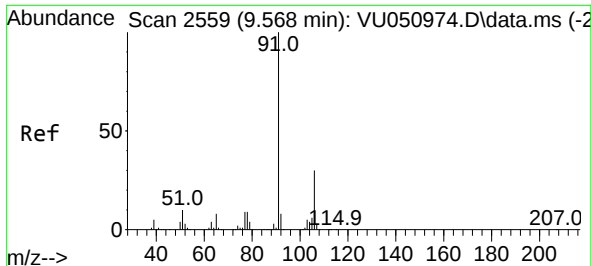
Tgt Ion:117 Resp: 3063
Ion Ratio Lower Upper
117 100
167 74.3 56.7 85.1



#62
Hexachloroethane
Concen: 0.394 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:117 Resp: 2667
Ion Ratio Lower Upper
117 100
201 79.0 59.6 89.4

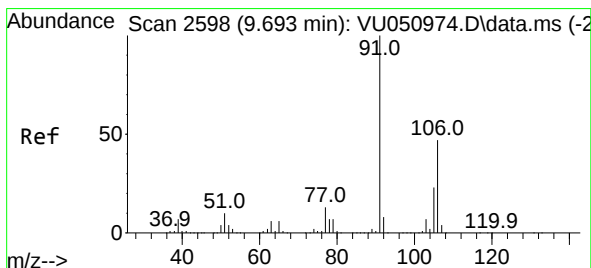
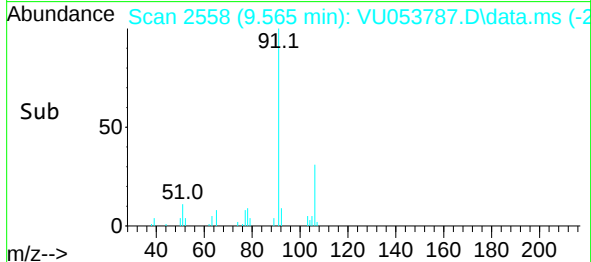
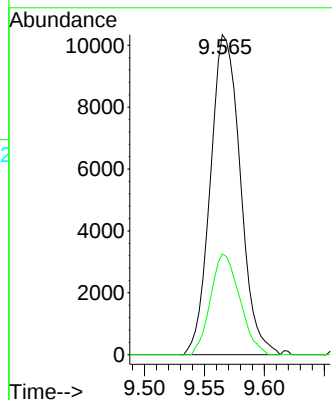
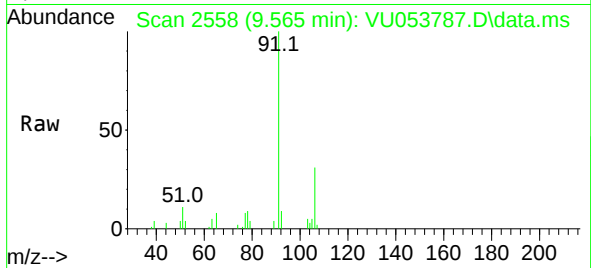




#63
Ethyl Benzene
Concen: 0.456 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

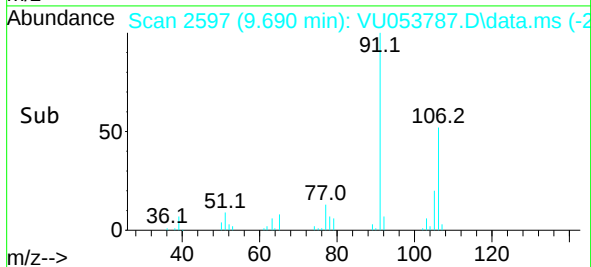
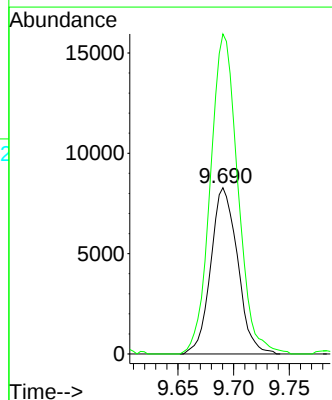
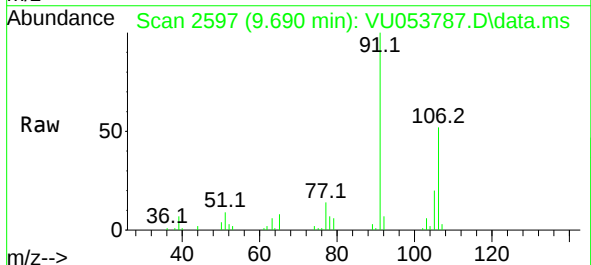
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

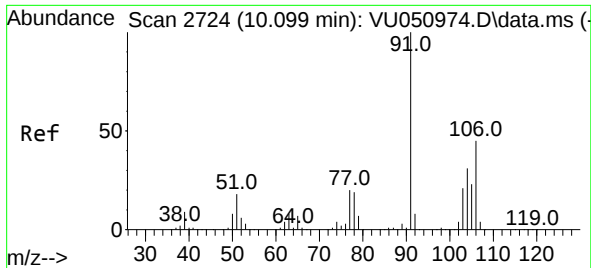
Tgt Ion: 91 Resp: 17935
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.2



#64
m/p-Xylenes
Concen: 0.894 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:106 Resp: 13868
Ion Ratio Lower Upper
106 100
91 197.7 167.3 250.9

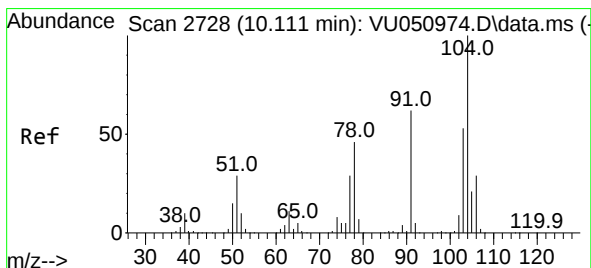
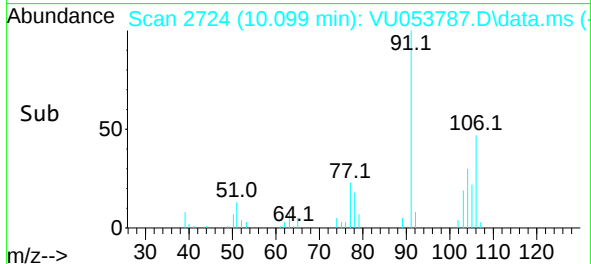
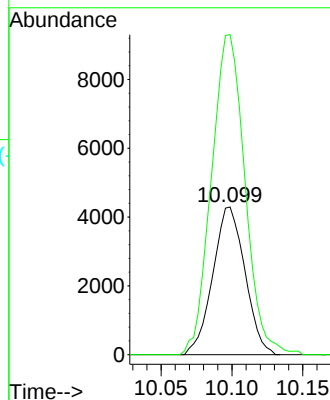
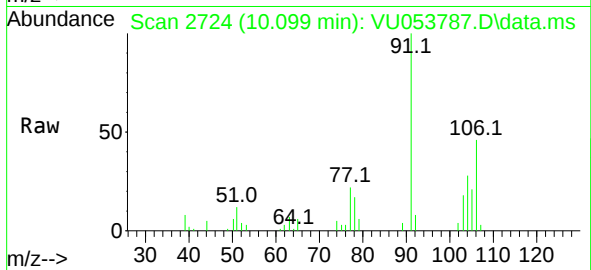




#65
o-Xylene
Concen: 0.434 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

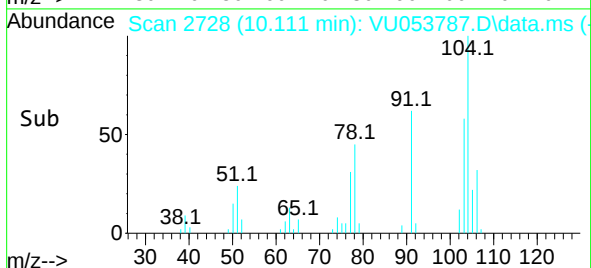
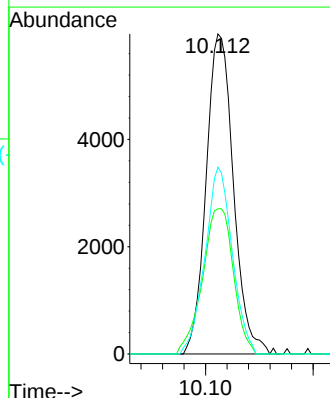
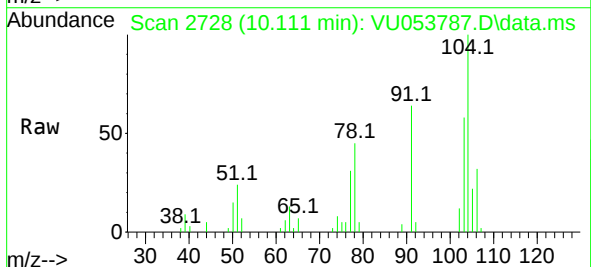
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

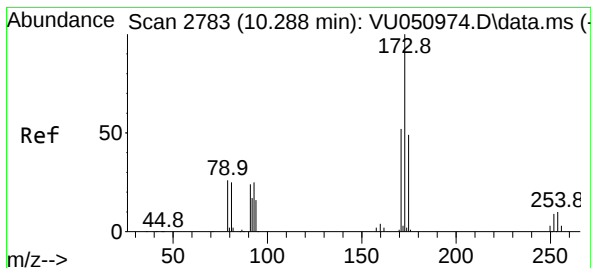
Tgt Ion:106 Resp: 6782
Ion Ratio Lower Upper
106 100
91 225.9 109.3 327.9



#66
Styrene
Concen: 0.424 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:104 Resp: 10529
Ion Ratio Lower Upper
104 100
78 51.2 39.7 59.5
103 58.2 44.8 67.2





#67

Bromoform

Concen: 0.470 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

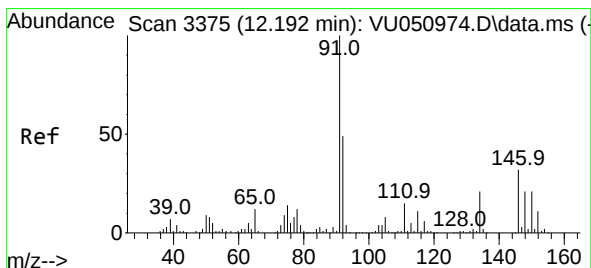
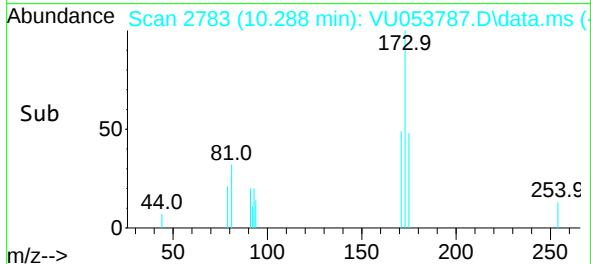
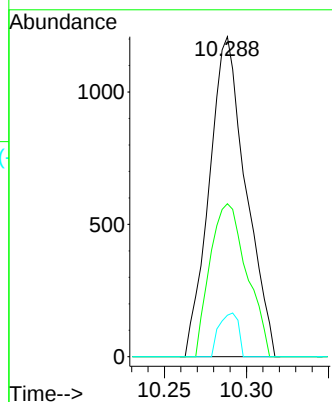
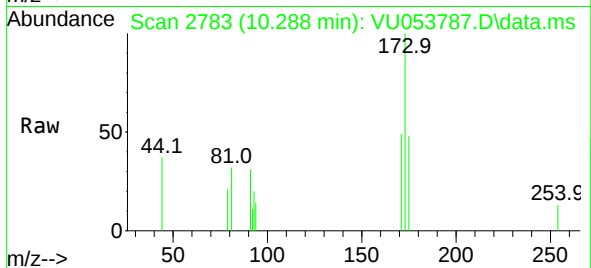
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:173	Resp:	1872
Ion Ratio	Lower	Upper
173	100	
175	48.0	39.0 58.6
254	7.2	7.4 11.0#



#68

1,2-Dichlorobenzene-d4

Concen: 0.897 ug/l

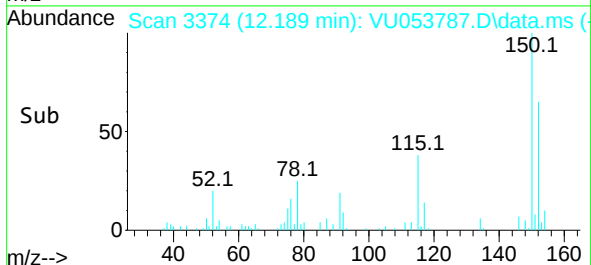
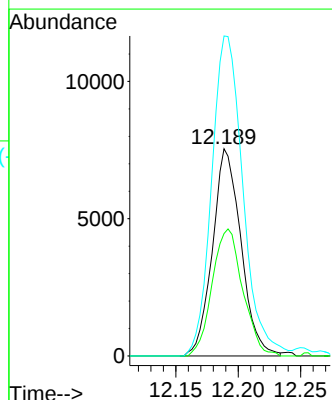
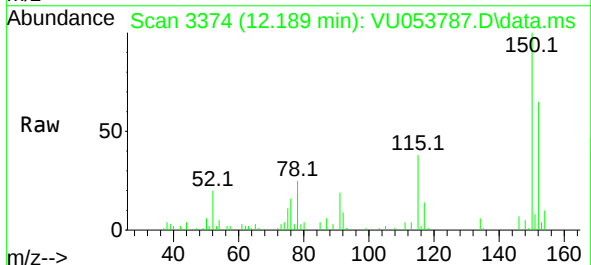
RT: 12.189 min Scan# 3374

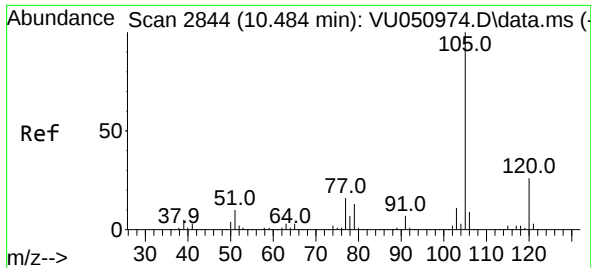
Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Tgt Ion:152	Resp:	12027
Ion Ratio	Lower	Upper
152	100	
115	65.7	0.0 308.8
150	169.0	0.0 635.0

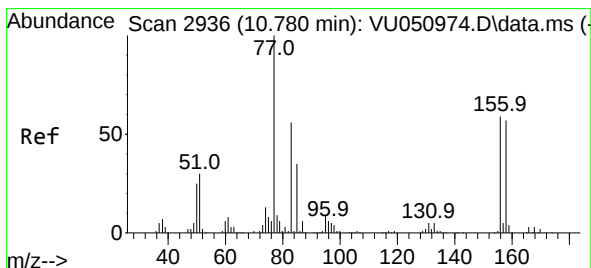
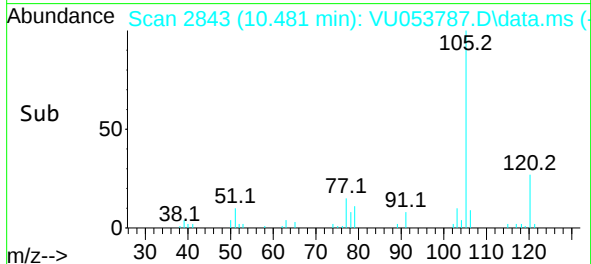
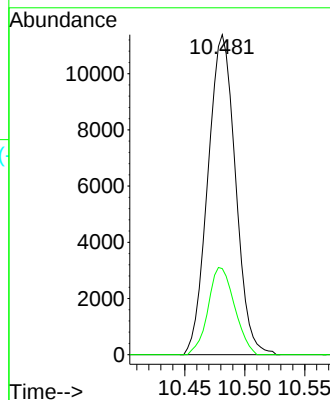
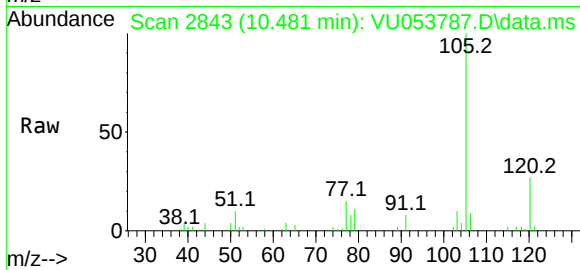




#69
Isopropylbenzene
Concen: 0.446 ug/l
RT: 10.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

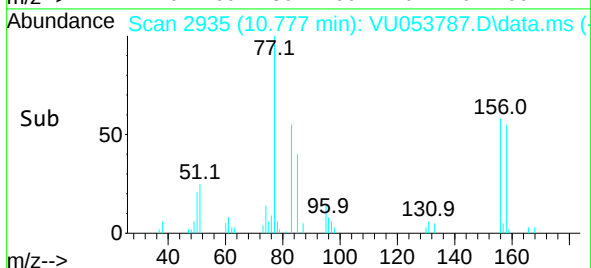
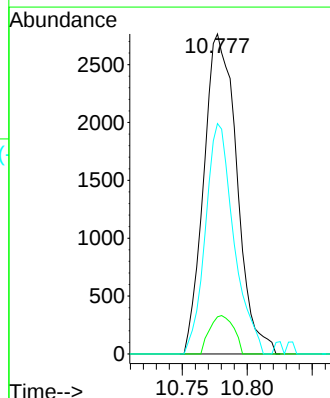
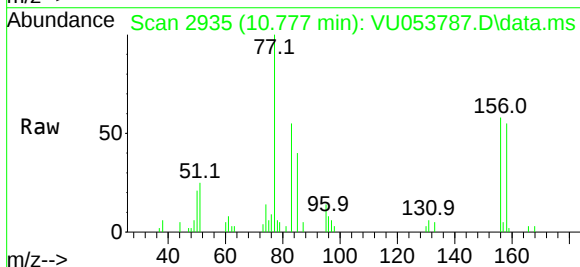
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

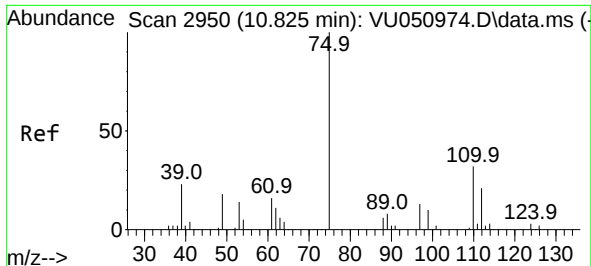
Tgt Ion:105 Resp: 18208
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 0.520 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion: 83 Resp: 4878
Ion Ratio Lower Upper
83 100
131 8.7 7.2 10.8
85 62.2 50.5 75.7

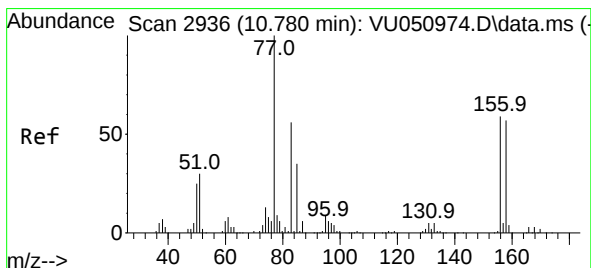
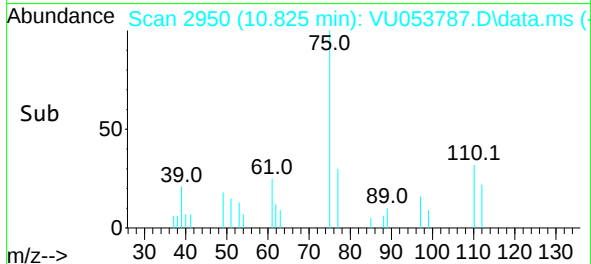
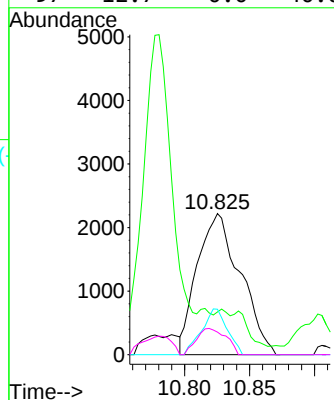
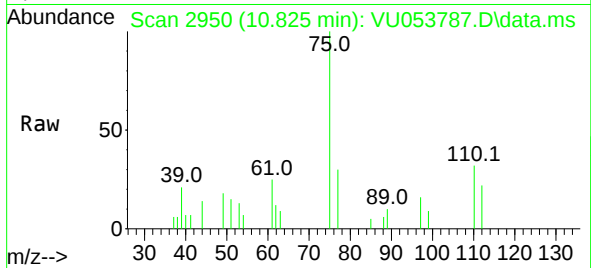




#71
1,2,3-Trichloropropane
Concen: 0.759 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

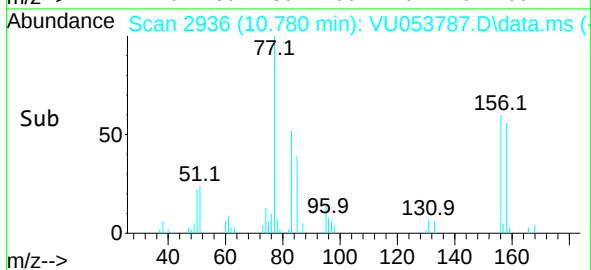
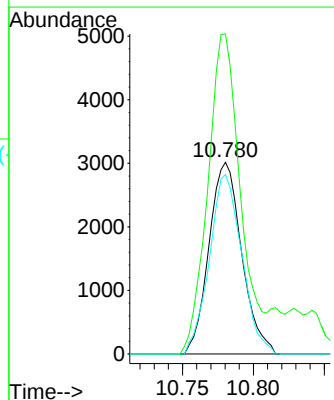
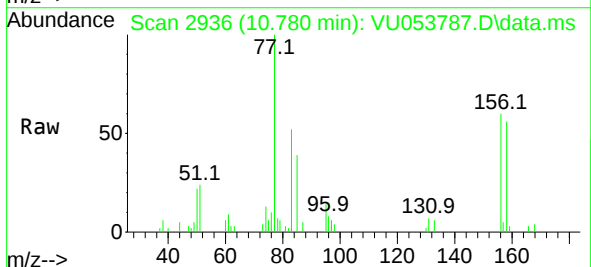
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

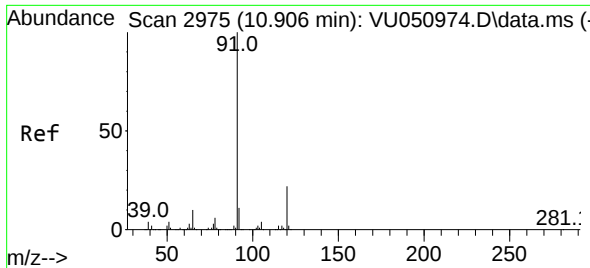
Tgt Ion:	75	Resp:	5133
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	116.4
110	19.2	0.0	74.6
97	12.7	0.0	40.0



#72
Bromobenzene
Concen: 0.462 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:	156	Resp:	4842
Ion	Ratio	Lower	Upper
156	100		
77	167.3	0.0	343.0
158	92.8	0.0	194.8

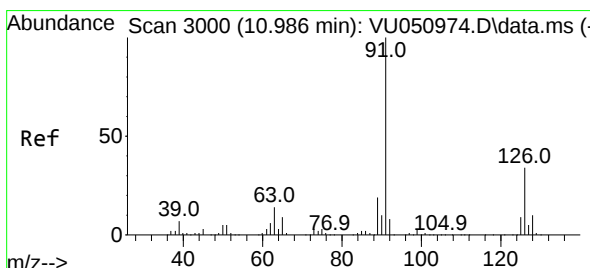
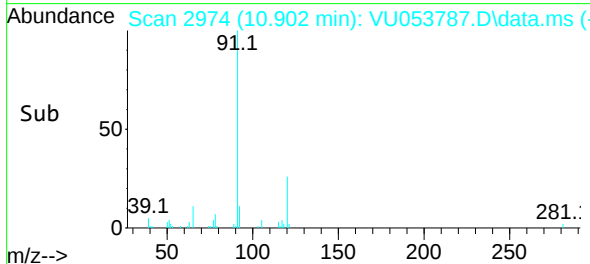
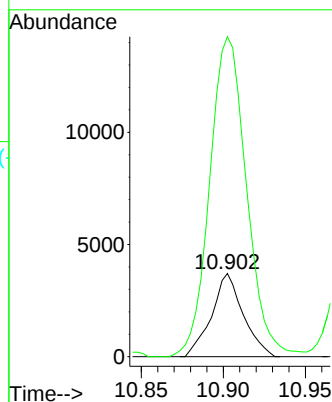
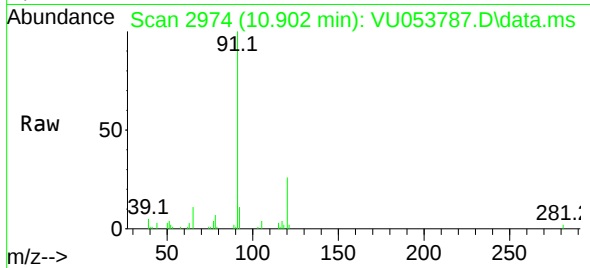




#73
n-propylbenzene
Concen: 0.437 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

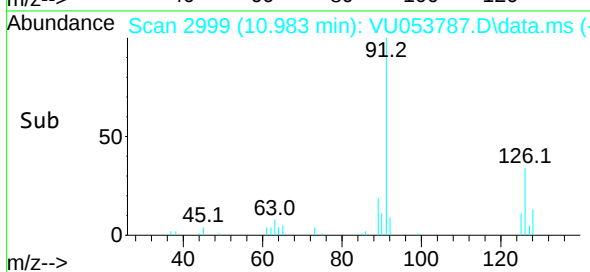
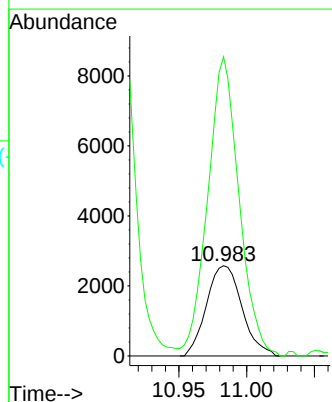
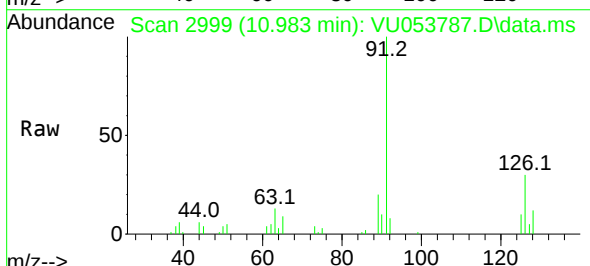
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

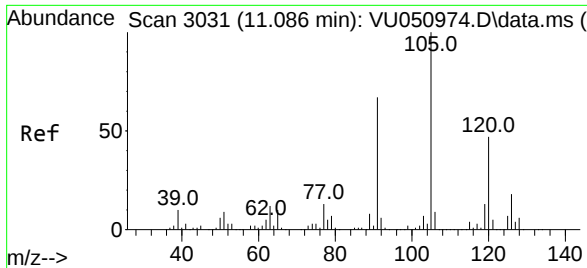
Tgt Ion:120 Resp: 4959
Ion Ratio Lower Upper
120 100
91 449.3 369.8 554.6



#74
2-Chlorotoluene
Concen: 0.437 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:126 Resp: 4686
Ion Ratio Lower Upper
126 100
91 292.8 0.0 610.0

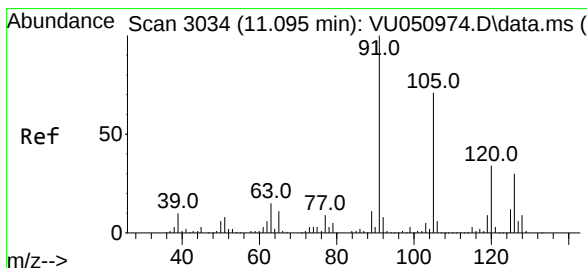
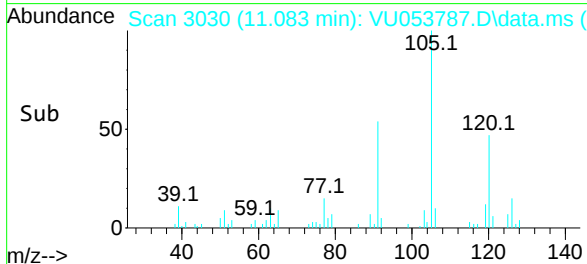
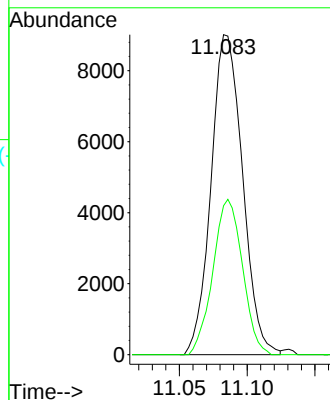
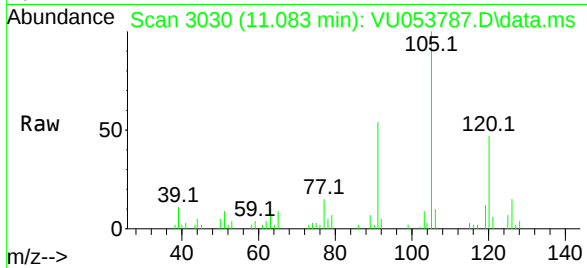




#75
1,3,5-Trimethylbenzene
Concen: 0.409 ug/l
RT: 11.083 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

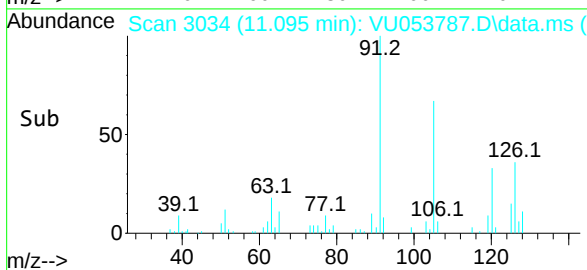
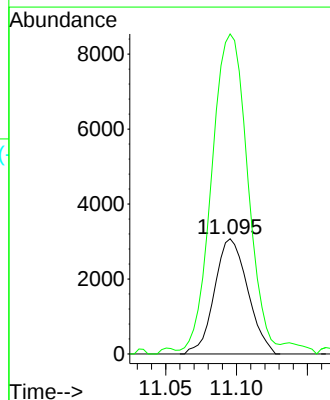
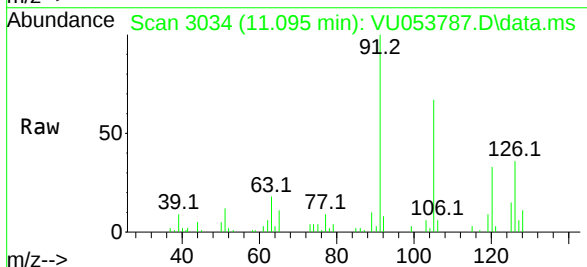
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

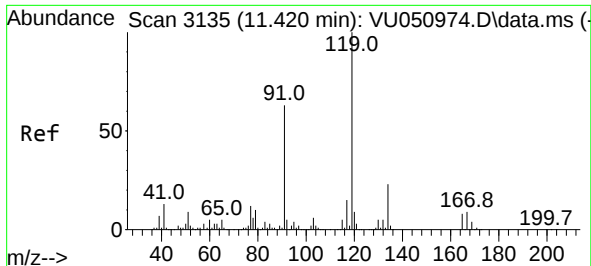
Tgt Ion:105 Resp: 14579
Ion Ratio Lower Upper
105 100
120 45.5 37.8 56.8



#76
4-Chlorotoluene
Concen: 0.459 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:126 Resp: 5008
Ion Ratio Lower Upper
126 100
91 293.0 0.0 686.2

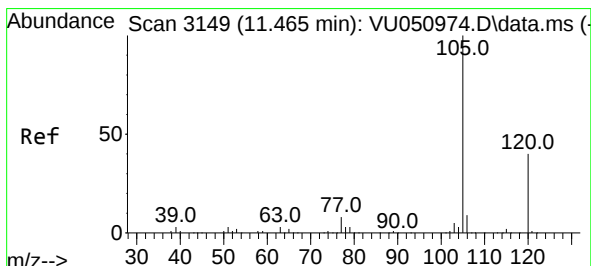
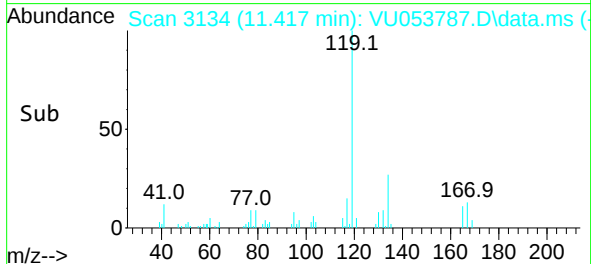
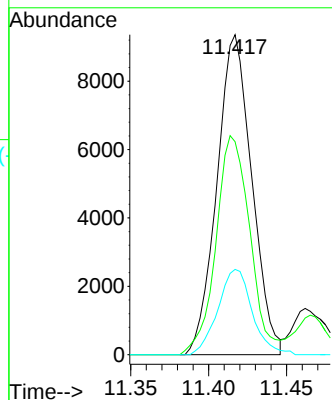
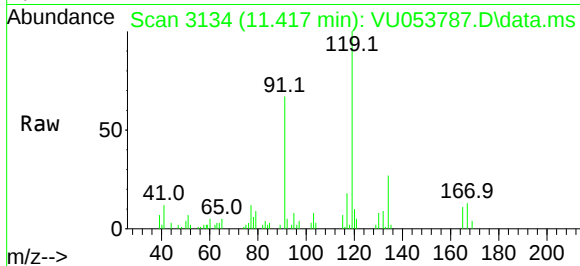




#77
tert-Butylbenzene
Concen: 0.407 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

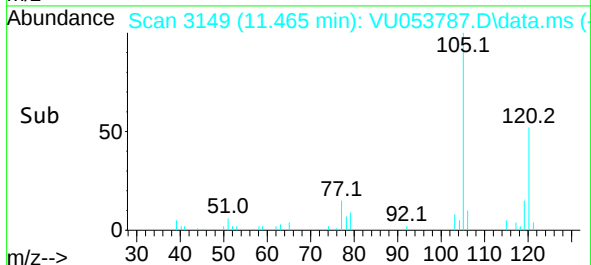
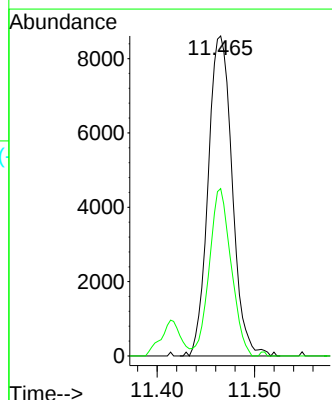
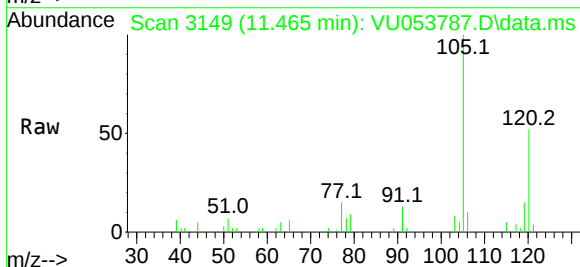
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

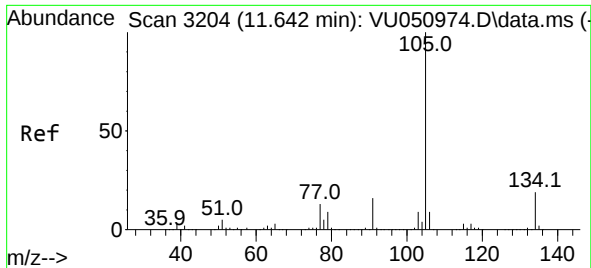
Tgt Ion:119	Resp:	14603
Ion Ratio	Lower	Upper
119	100	
91	66.4	30.8 92.4
134	26.2	18.0 27.0



#78
1,2,4-Trimethylbenzene
Concen: 0.406 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:105	Resp:	14772
Ion Ratio	Lower	Upper
105	100	
120	47.6	21.9 65.8

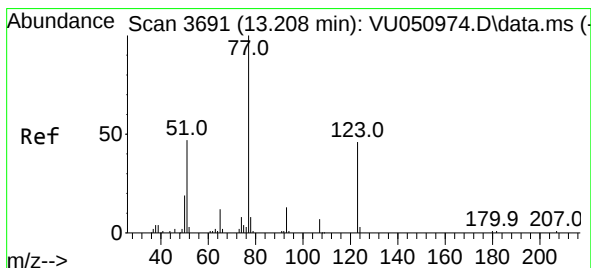
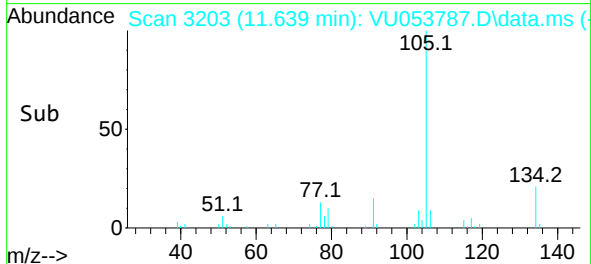
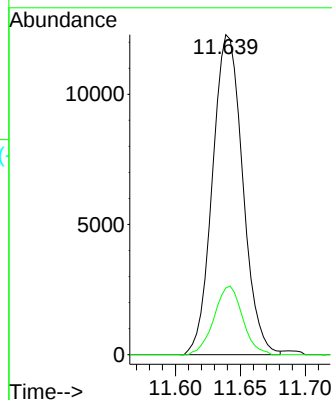
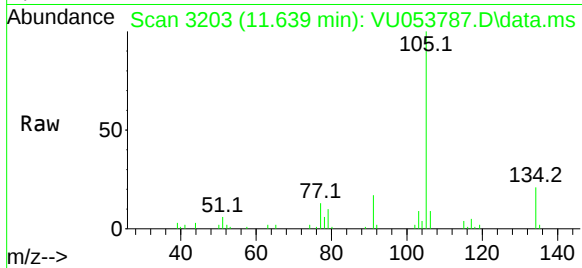




#79
 sec-Butylbenzene
 Concen: 0.412 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053787.D
 Acq: 19 Apr 2023 17:41

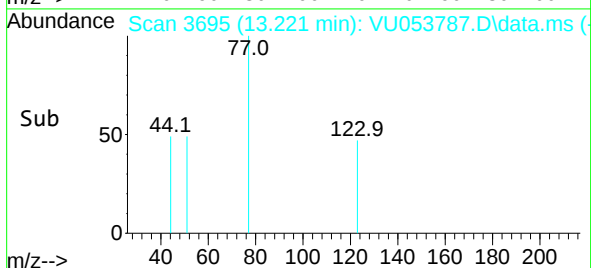
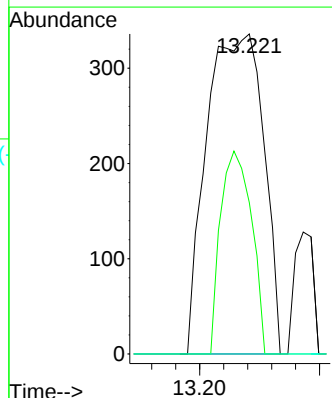
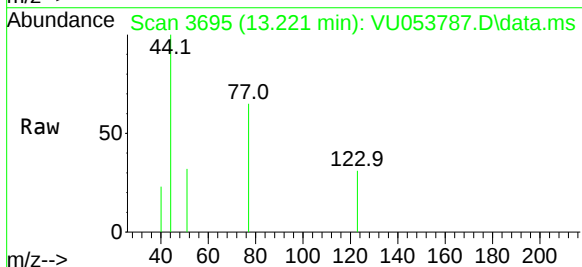
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

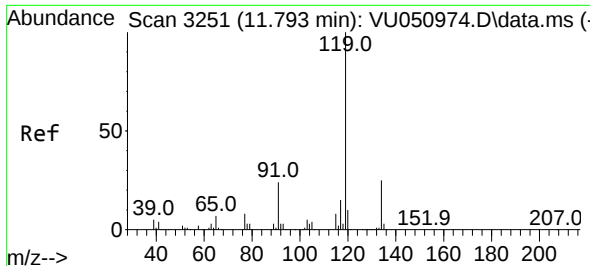
Tgt Ion:105 Resp: 19867
 Ion Ratio Lower Upper
 105 100
 134 20.2 14.9 22.3



#80
 Nitrobenzene
 Concen: 1.855 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.019 min
 Lab File: VU053787.D
 Acq: 19 Apr 2023 17:41

Tgt Ion: 77 Resp: 551
 Ion Ratio Lower Upper
 77 100
 123 34.7 19.7 69.7
 65 0.0 11.5 14.7#

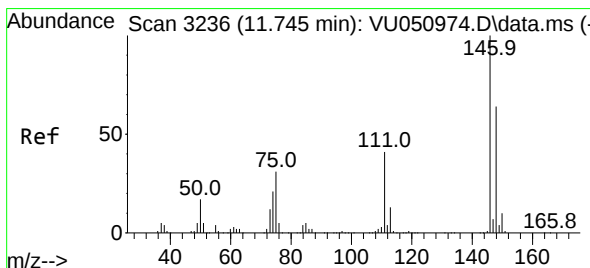
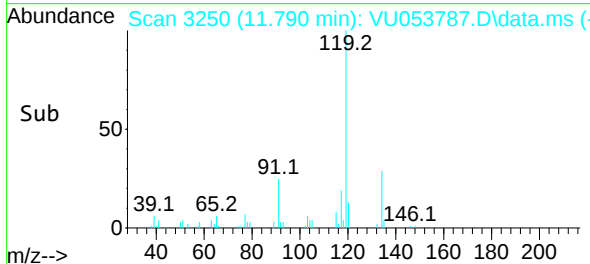
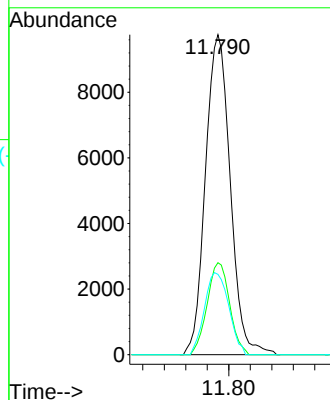
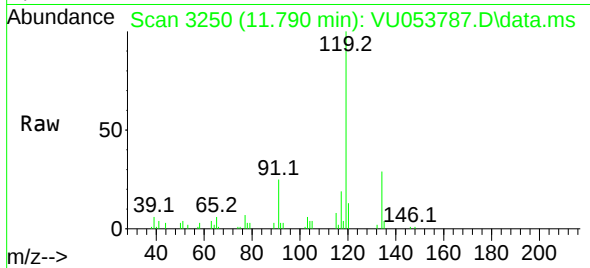




#81
p-Isopropyltoluene
Concen: 0.395 ug/l
RT: 11.790 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

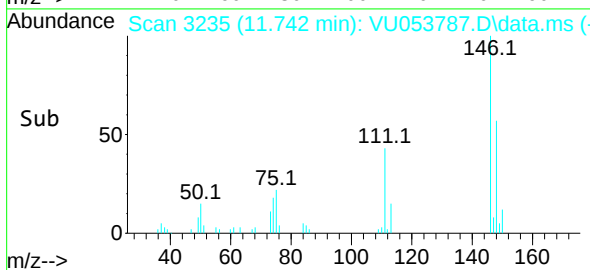
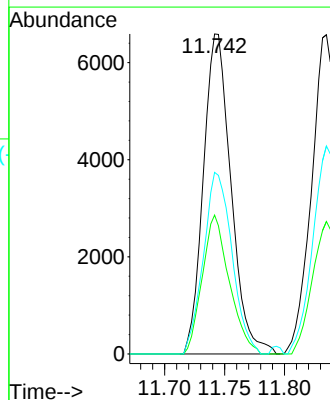
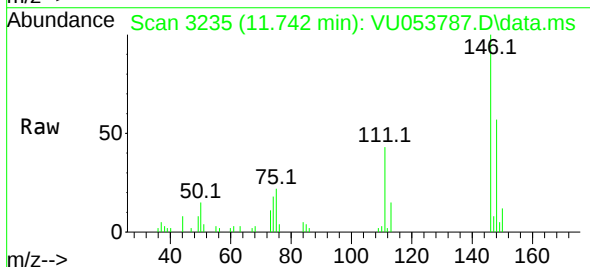
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

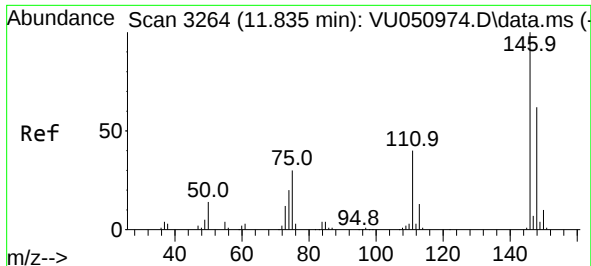
Tgt Ion:119	Resp:	15598
Ion Ratio	Lower	Upper
119	100	
134	26.0	20.2 30.4
91	25.1	19.3 28.9



#82
1,3-Dichlorobenzene
Concen: 0.472 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion:146	Resp:	10567
Ion Ratio	Lower	Upper
146	100	
111	42.5	32.6 49.0
148	58.7	51.0 76.4

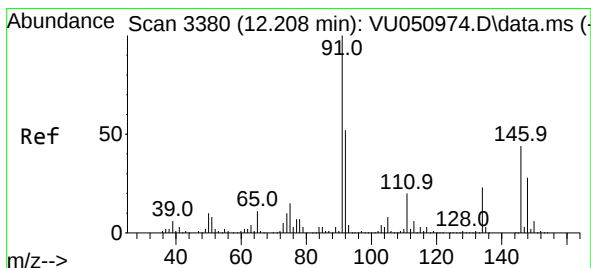
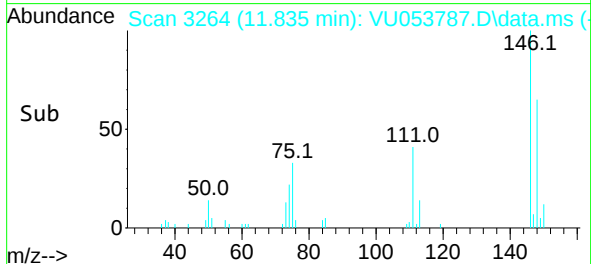
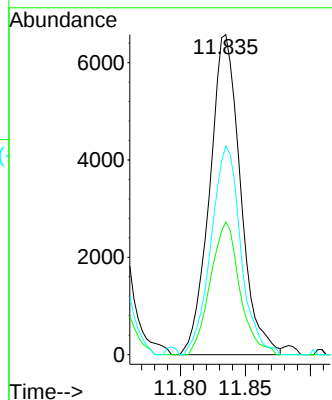
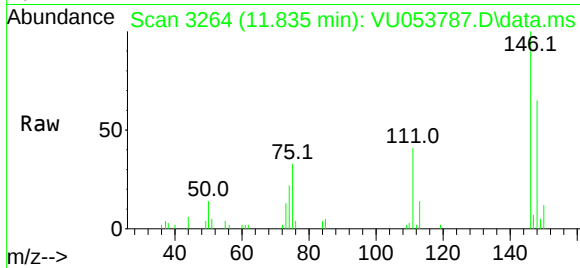




#83
1,4-Dichlorobenzene
Concen: 0.481 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

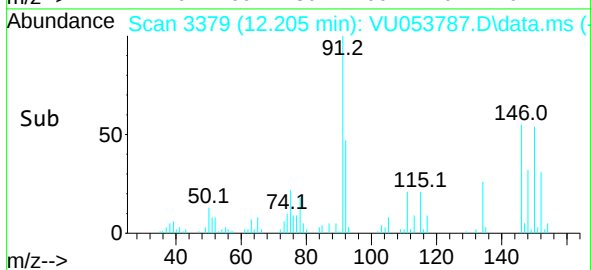
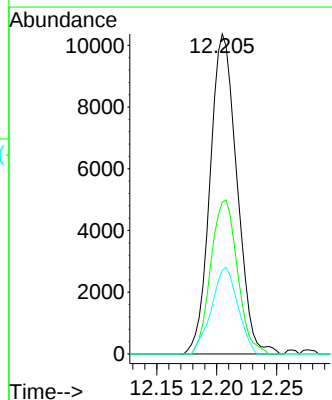
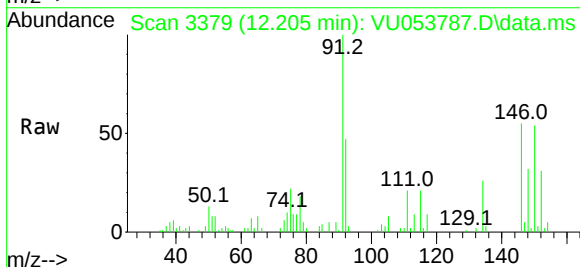
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

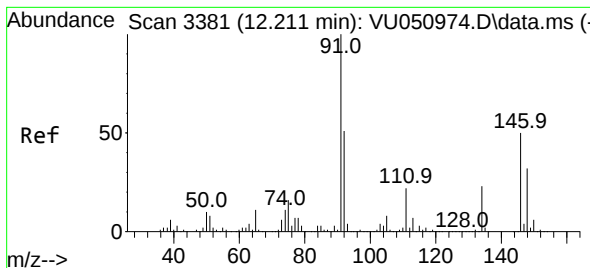
Tgt Ion:146 Resp: 10828
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 63.1 50.3 75.5



#84
n-Butylbenzene
Concen: 0.670 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053787.D
Acq: 19 Apr 2023 17:41

Tgt Ion: 91 Resp: 16114
Ion Ratio Lower Upper
91 100
92 47.8 40.8 61.2
134 26.5 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 0.468 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

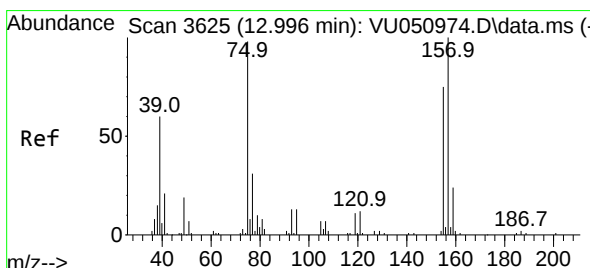
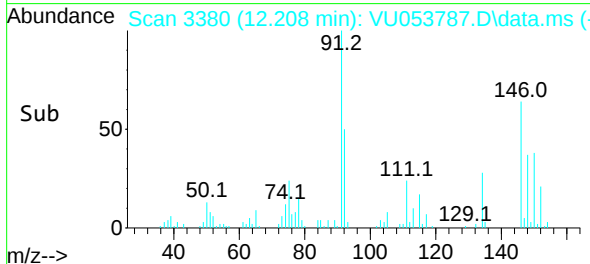
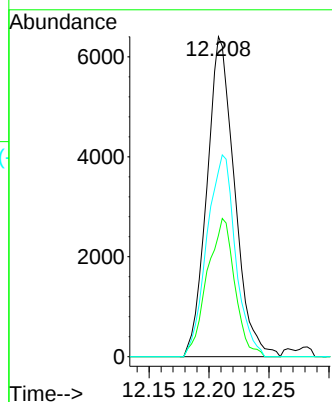
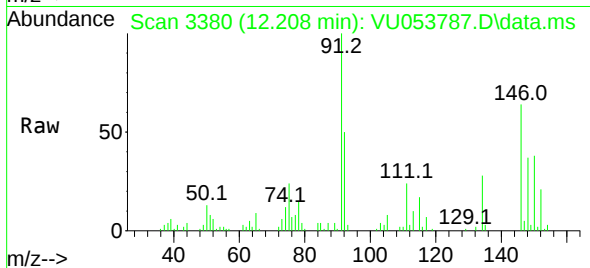
Tgt Ion:146 Resp: 10244

Ion Ratio Lower Upper

146 100

111 43.1 21.6 64.6

148 65.2 32.1 96.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.419 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

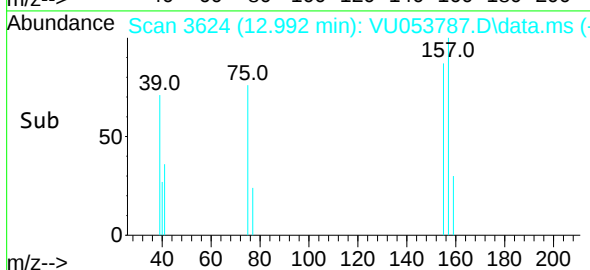
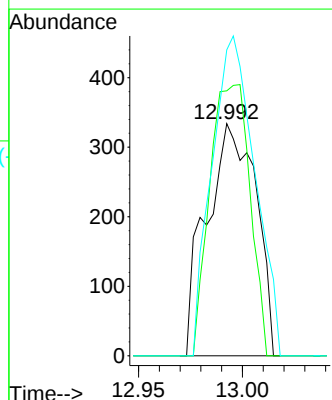
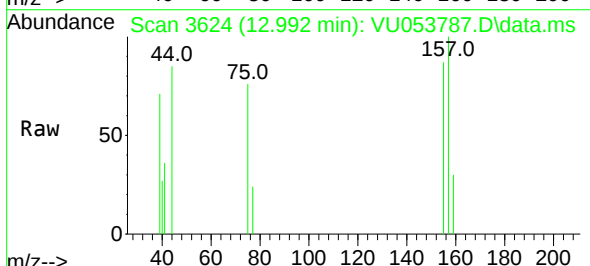
Tgt Ion: 75 Resp: 553

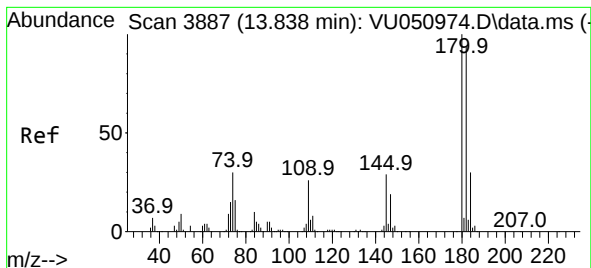
Ion Ratio Lower Upper

75 100

155 94.9 61.8 92.8#

157 119.9 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 0.463 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

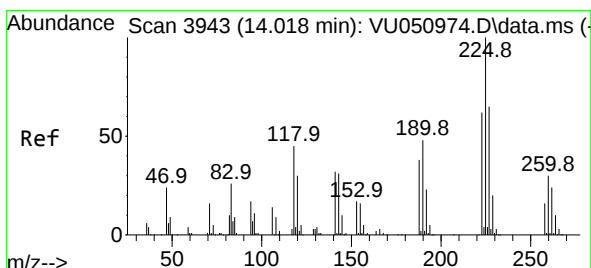
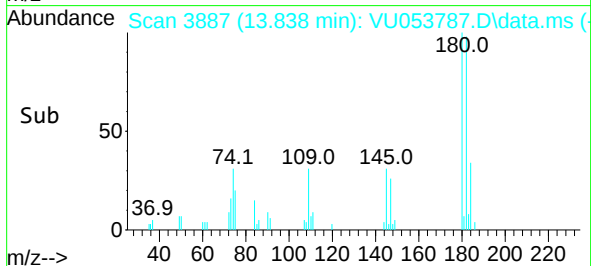
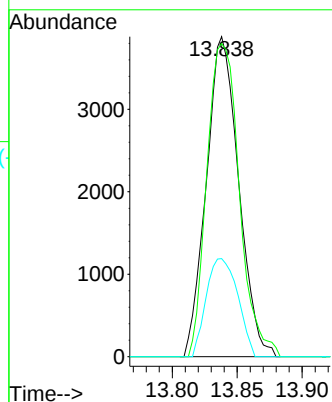
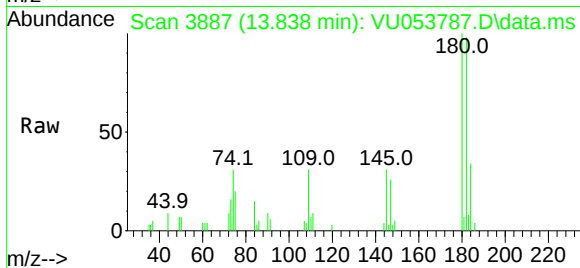
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:180	Resp:	6710
Ion Ratio	Lower	Upper
180	100	
182	98.3	75.8 113.6
145	29.8	23.9 35.9



#88

Hexachlorobutadiene

Concen: 0.473 ug/l

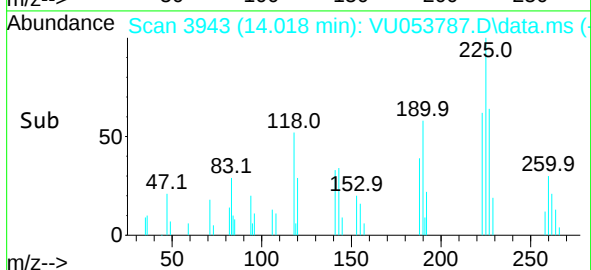
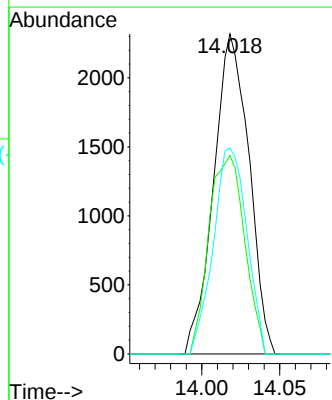
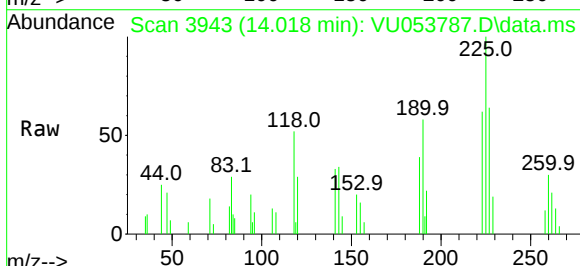
RT: 14.018 min Scan# 3943

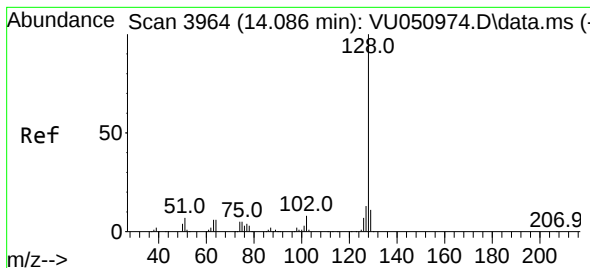
Delta R.T. 0.000 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Tgt Ion:225	Resp:	3651
Ion Ratio	Lower	Upper
225	100	
223	62.5	50.2 75.4
227	61.1	51.5 77.3





#89

Naphthalene

Concen: 0.505 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

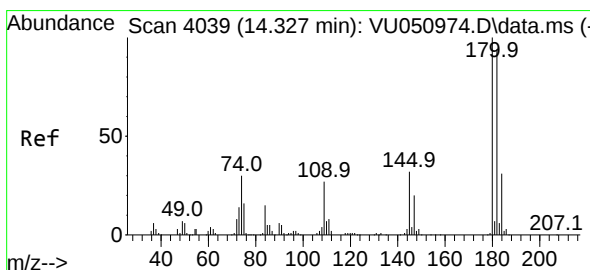
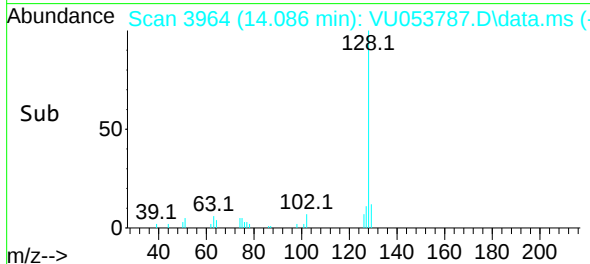
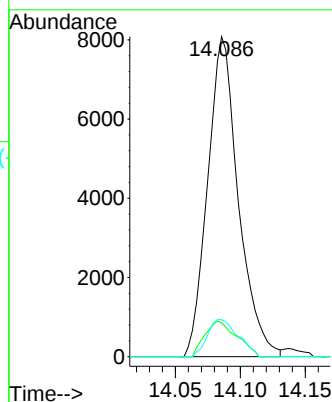
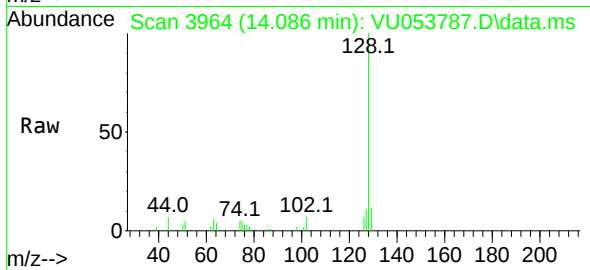
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:128	Resp:	13272
Ion Ratio	Lower	Upper
128	100	
127	11.6	10.9 16.3
129	11.6	8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 0.469 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.006 min

Lab File: VU053787.D

Acq: 19 Apr 2023 17:41

Tgt Ion:180	Resp:	6452
Ion Ratio	Lower	Upper
180	100	
182	101.8	75.7 113.5
145	32.7	26.1 39.1

