

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
 Data File : VU057817.D
 Acq On : 06 Feb 2024 12:36
 Operator : MD/SY
 Sample : P1187-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 07 03:54:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Feb 07 03:54:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	45271	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	15136	0.911	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	13043	0.888	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	7598	0.513	ug/l	93
3) Chloromethane	1.518	50	8505	0.598	ug/l	97
4) Vinyl Chloride	1.599	62	8239	0.561	ug/l	94
5) Bromomethane	1.856	94	4694	0.530	ug/l	99
6) Chloroethane	1.927	64	4880	0.517	ug/l	99
7) Trichlorofluoromethane	2.123	101	10988	0.494	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	6064	0.546	ug/l	98
9) 1,1-Dichloroethene	2.563	96	5702	0.523	ug/l	96
10) Iodomethane	2.708	142	8617	0.492	ug/l	86
11) Allyl Chloride	2.911	41	8440	0.508	ug/l	# 77
12) Acrylonitrile	3.312	53	2818	1.225	ug/l	# 90
13) Acetone	2.637	43	13773	3.058	ug/l	88
14) Carbon Disulfide	2.779	76	18773	0.539	ug/l	98
15) Methylene Chloride	3.033	84	14214	1.016	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	6572	0.556	ug/l	94
17) 1,1-Dichloroethane	3.853	63	13235	0.557	ug/l	96
18) 2-Butanone	4.724	43	13326	2.951	ug/l	100
19) Cyclohexane	5.370	56	10444	0.559	ug/l	96
20) Methylcyclohexane	6.753	83	11077	0.513	ug/l	97
21) 2,2-Dichloropropane	4.650	77	11846	0.554	ug/l	97
22) cis-1,2-Dichloroethene	4.656	96	7373	0.566	ug/l	92
23) Diethyl Ether	2.364	59	6105	0.726	ug/l	97
24) tert-Butyl Alcohol	3.248	59	1618	2.652	ug/l	# 1
25) Methyl tert-Butyl Ether	3.357	73	15492	0.558	ug/l	96
26) Bromochloromethane	4.965	128	2585	0.510	ug/l	79
27) Chloroform	5.078	83	13024	0.549	ug/l	92
28) 1,1,1-Trichloroethane	5.300	97	11105	0.517	ug/l	96
29) 1,1-Dichloropropene	5.515	75	9600	0.544	ug/l	97
30) Carbon Tetrachloride	5.512	117	10111	0.550	ug/l	# 90
31) Isopropyl Ether	3.991	45	20210	0.554	ug/l	97
32) Ethyl-t-butyl ether	4.499	59	19479	0.543	ug/l	95
33) Tert-Amyl methyl ether	5.943	73	16358	0.545	ug/l	98
34) Propionitrile	4.798	54	2470	2.931	ug/l	# 22
35) Benzene	5.763	78	27473	0.544	ug/l	98
36) 1,2-Dichloroethane	5.791	62	8428	0.571	ug/l	# 83
37) Trichloroethene	6.537	130	6860	0.527	ug/l	98
38) 1,2-Dichloropropane	6.785	63	6916	0.518	ug/l	98
39) Methacrylonitrile	4.981	41	1856	0.505	ug/l	# 88
40) Methyl acrylate	4.849	55	3485	0.570	ug/l	# 92
41) Tetrahydrofuran	5.062	42	3058	1.671	ug/l	# 72
42) 1-Chlorobutane	5.444	56	12598	0.538	ug/l	94
43) Dibromomethane	6.917	93	3205	0.522	ug/l	94
44) Bromodichloromethane	7.103	83	8604	0.516	ug/l	96

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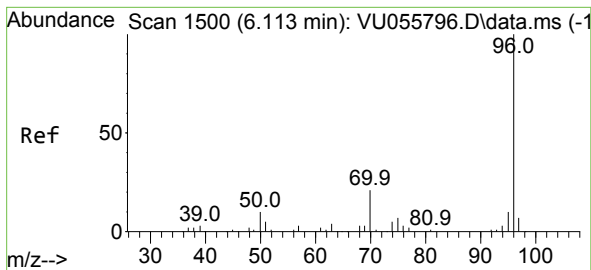
Quant Time: Feb 07 03:54:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	18934	2.761	ug/l	97
46) t-1,4-Dichloro-2-butene	10.823	75	3272	1.779	ug/l #	76
47) Methyl methacrylate	6.968	69	5374	0.956	ug/l	85
48) Ethyl methacrylate	8.335	69	5634	0.499	ug/l	96
49) Toluene	7.965	92	15484	0.507	ug/l	100
50) t-1,3-Dichloropropene	8.209	75	7129	0.470	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	9236	0.488	ug/l	92
52) 1,1,2-Trichloroethane	8.396	97	4425	0.524	ug/l	91
53) 1,3-Dichloropropane	8.573	76	8256	0.539	ug/l	99
54) 2-Hexanone	8.692	43	17683	2.663	ug/l	90
55) Dibromochloromethane	8.804	129	4789	0.475	ug/l	92
56) 1,2-Dibromoethane	8.920	107	4165	0.527	ug/l	95
58) Tetrachloroethene	8.547	164	6375	0.565	ug/l	90
59) Chlorobenzene	9.444	112	16831	0.501	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.528	131	5789	0.503	ug/l	93
61) Pentachloroethane	11.425	117	4211	0.496	ug/l	97
62) Hexachloroethane	12.470	117	4660	0.474	ug/l	92
63) Ethyl Benzene	9.566	91	31595	0.523	ug/l	100
64) m/p-Xylenes	9.688	106	23681	1.069	ug/l	99
65) o-Xylene	10.097	106	11167	0.508	ug/l	93
66) Styrene	10.113	104	16455	0.484	ug/l	93
67) Bromoform	10.290	173	2482	0.489	ug/l #	96
69) Isopropylbenzene	10.479	105	28419	0.487	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.782	83	5255	0.517	ug/l	94
71) 1,2,3-Trichloropropane	10.823	75	3272	0.364	ug/l #	56
72) Bromobenzene	10.782	156	6176	0.494	ug/l	78
73) n-propylbenzene	10.901	120	8832	0.580	ug/l	97
74) 2-Chlorotoluene	10.984	126	6496	0.488	ug/l	93
75) 1,3,5-Trimethylbenzene	11.084	105	23983	0.486	ug/l	98
76) 4-Chlorotoluene	11.097	126	6772	0.505	ug/l	97
77) tert-Butylbenzene	11.415	119	23795	0.500	ug/l	99
78) 1,2,4-Trimethylbenzene	11.466	105	24645	0.494	ug/l	97
79) sec-Butylbenzene	11.640	105	30496	0.486	ug/l	99
80) Nitrobenzene	13.222	77	470	1.686	ug/l #	45
81) p-Isopropyltoluene	11.788	119	24151	0.468	ug/l	99
82) 1,3-Dichlorobenzene	11.746	146	12707	0.508	ug/l	99
83) 1,4-Dichlorobenzene	11.836	146	12751	0.515	ug/l	99
84) n-Butylbenzene	12.206	91	23047	0.468	ug/l	97
85) 1,2-Dichlorobenzene	12.212	146	11489	0.495	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.994	75	640	0.377	ug/l #	15
87) 1,2,4-Trichlorobenzene	13.839	180	6683	0.471	ug/l	91
88) Hexachlorobutadiene	14.016	225	4234	0.477	ug/l	99
89) Naphthalene	14.087	128	12009	0.484	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	6548	0.538	ug/l	93

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

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.107 min Scan# 14

Delta R.T. 0.004 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 96 Resp: 45271

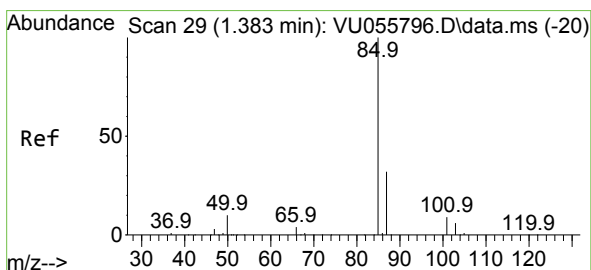
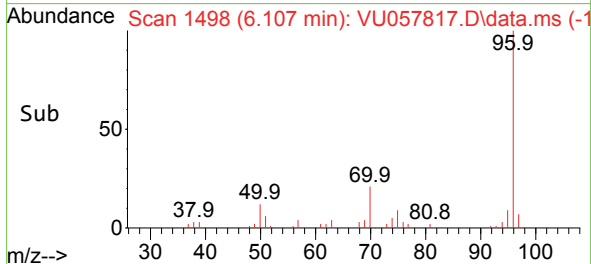
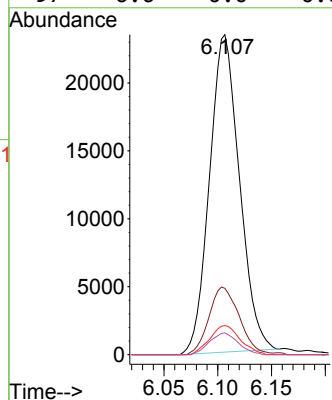
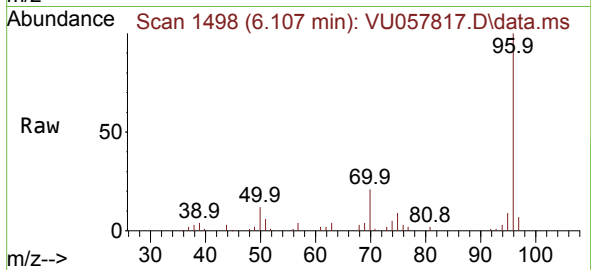
Ion Ratio Lower Upper

96 100

70 21.0 16.5 24.7

95 9.3 7.4 11.0

97 6.6 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 0.513 ug/l

RT: 1.380 min Scan# 28

Delta R.T. 0.000 min

Lab File: VU057817.D

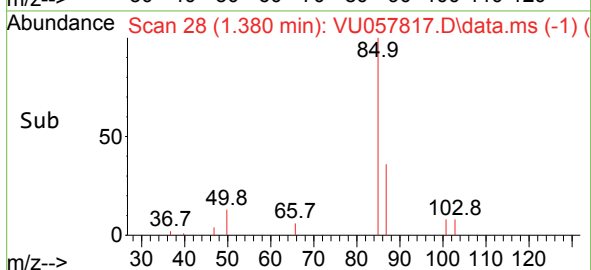
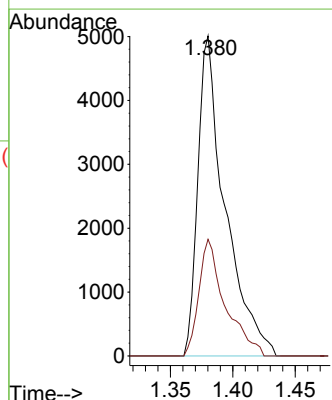
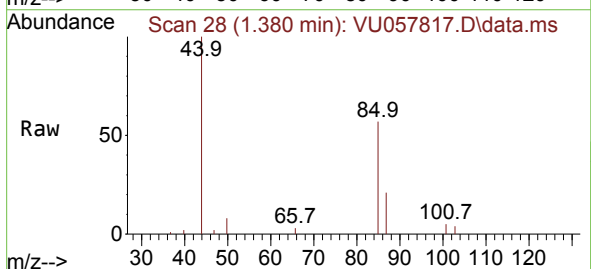
Acq: 06 Feb 2024 12:36

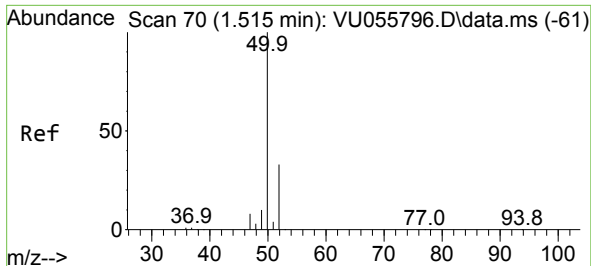
Tgt Ion: 85 Resp: 7598

Ion Ratio Lower Upper

85 100

87 36.5 16.2 48.6

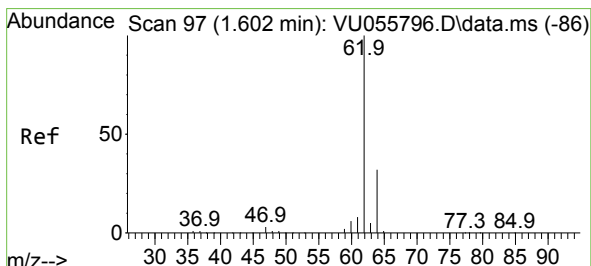
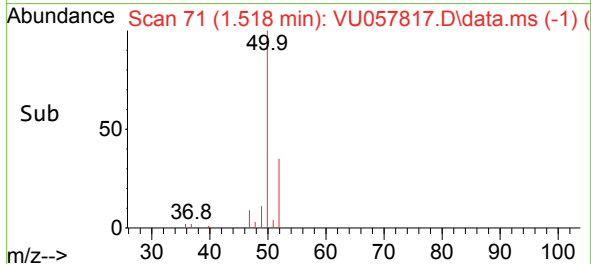
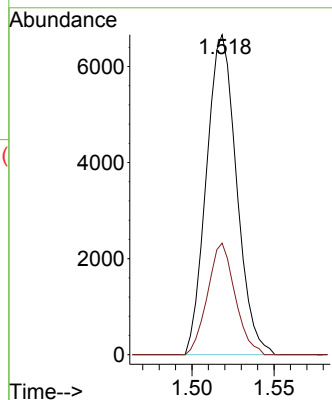
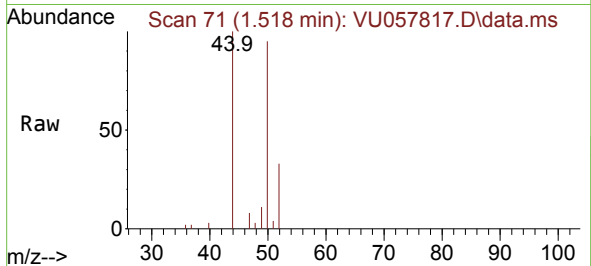




#3
Chloromethane
Concen: 0.598 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

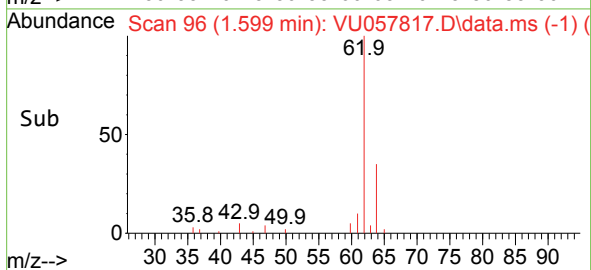
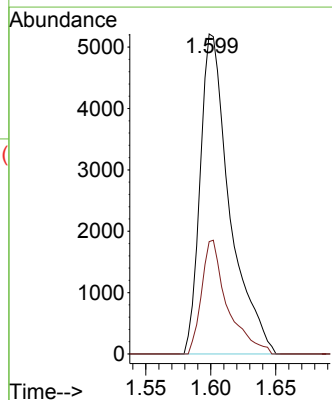
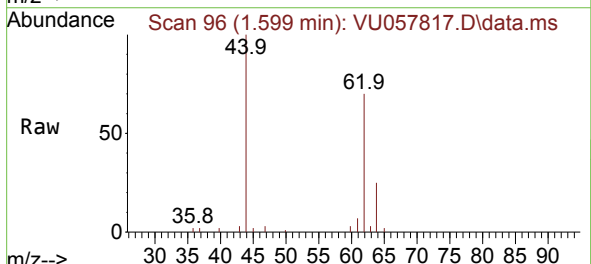
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT1-2024

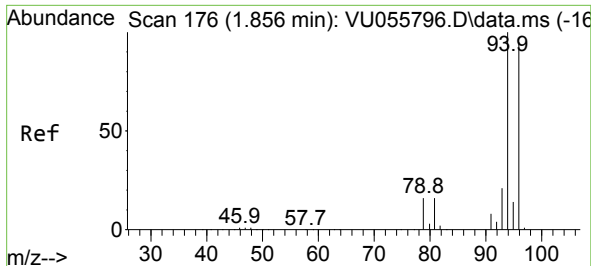
Tgt Ion: 50 Resp: 8505
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0



#4
Vinyl Chloride
Concen: 0.561 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 62 Resp: 8239
Ion Ratio Lower Upper
62 100
64 35.1 25.4 38.2

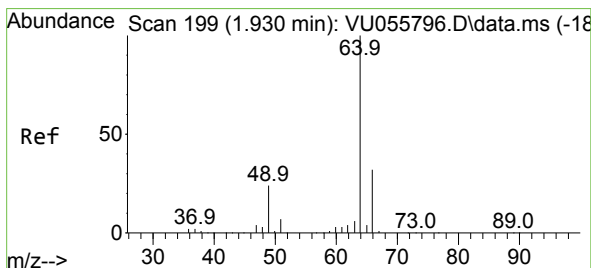
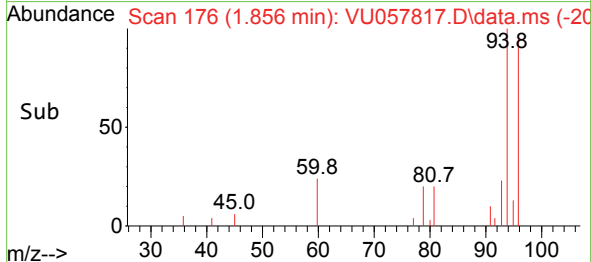
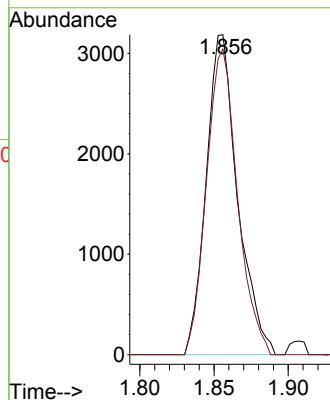
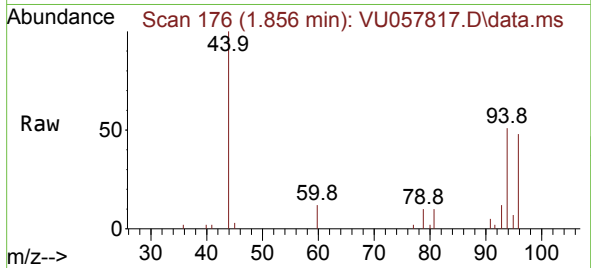




#5
Bromomethane
Concen: 0.530 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

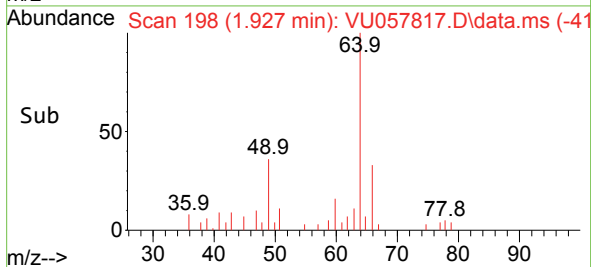
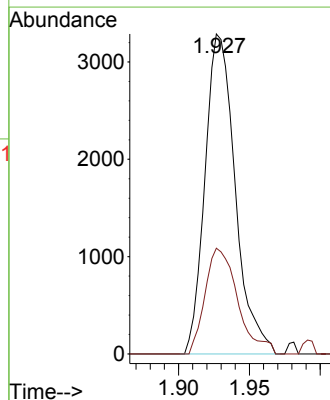
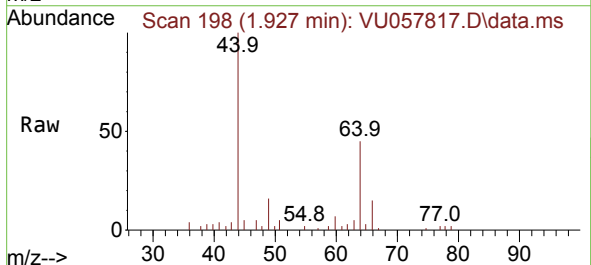
Instrument :
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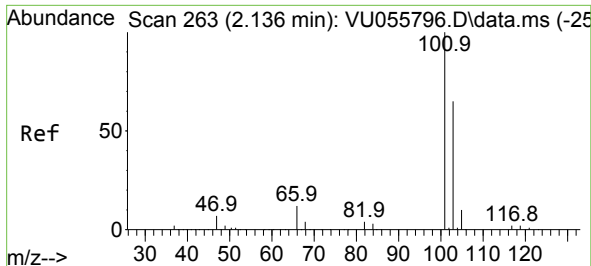
Tgt Ion: 94 Resp: 4694
Ion Ratio Lower Upper
94 100
96 95.5 75.4 113.2



#6
Chloroethane
Concen: 0.517 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 64 Resp: 4880
Ion Ratio Lower Upper
64 100
66 33.1 26.0 39.0

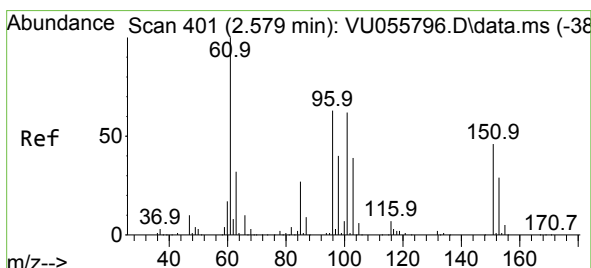
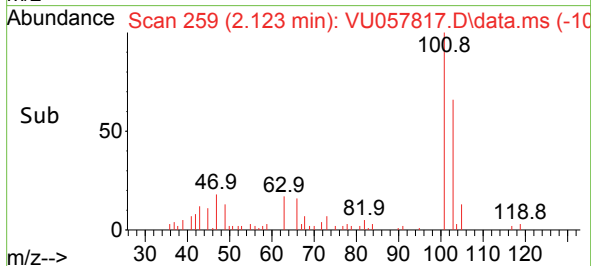
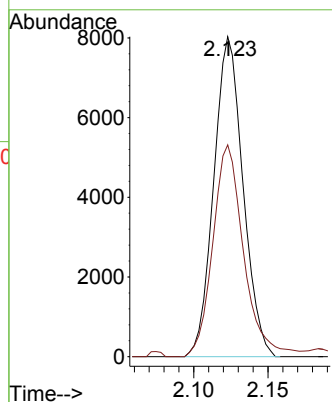
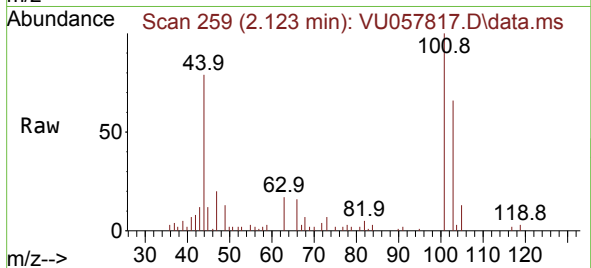




#7
Trichlorofluoromethane
Concen: 0.494 ug/l
RT: 2.123 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

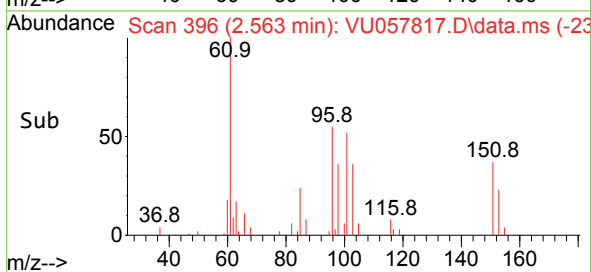
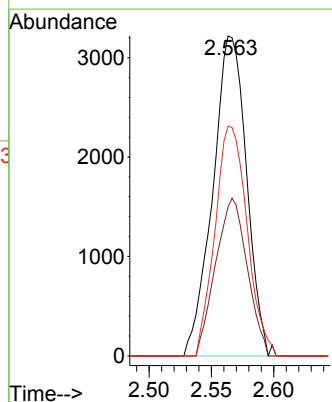
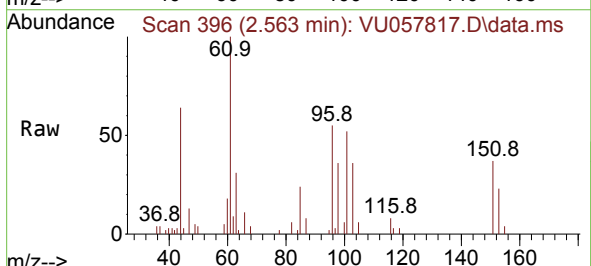
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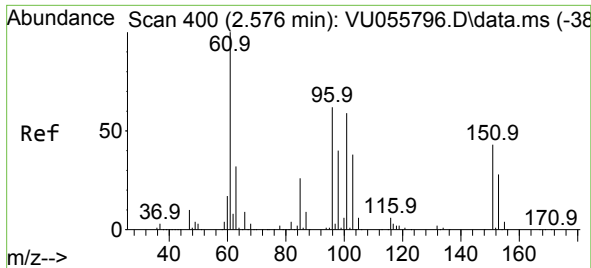
Tgt Ion:101 Resp: 10988
Ion Ratio Lower Upper
101 100
103 69.7 51.4 77.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.546 ug/l
RT: 2.563 min Scan# 396
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion:101 Resp: 6064
Ion Ratio Lower Upper
101 100
85 46.1 35.4 53.0
151 68.6 54.0 81.0

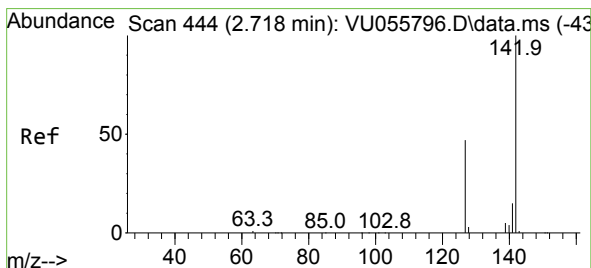
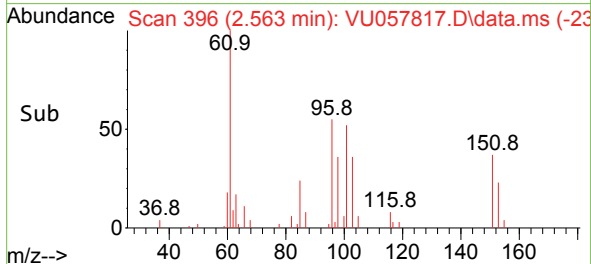
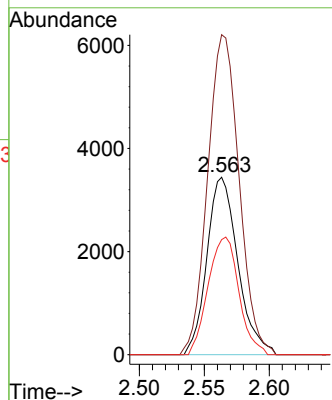
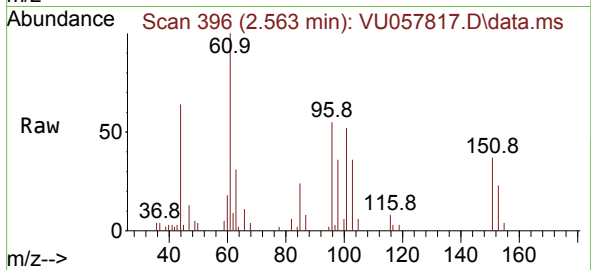




#9
1,1-Dichloroethene
Concen: 0.523 ug/l
RT: 2.563 min Scan# 396
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

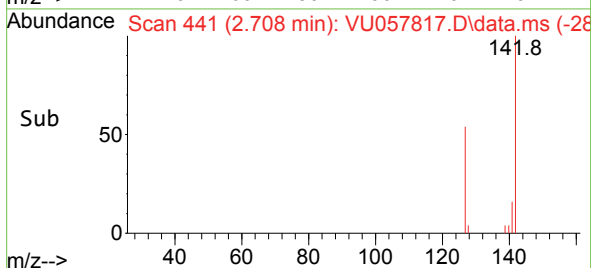
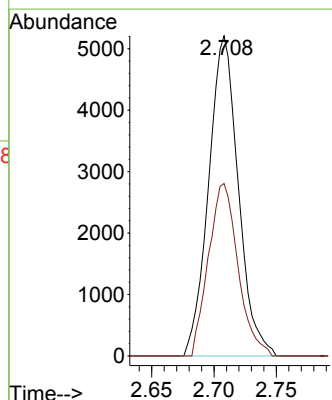
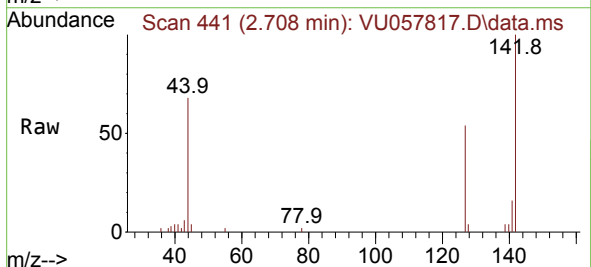
Instrument :
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ClientSampleId :
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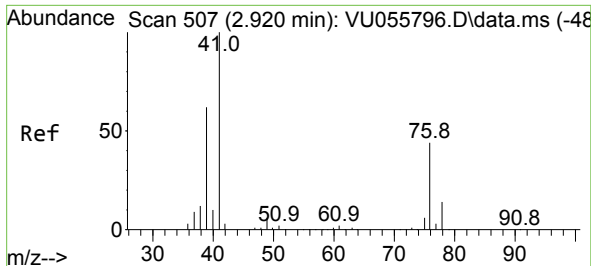
Tgt Ion: 96 Resp: 5702
Ion Ratio Lower Upper
96 100
61 180.3 0.0 521.4
98 64.9 0.0 125.8



#10
Iodomethane
Concen: 0.492 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.007 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 142 Resp: 8617
Ion Ratio Lower Upper
142 100
127 53.7 35.9 53.9





#11

Allyl Chloride

Concen: 0.508 ug/l

RT: 2.911 min Scan# 507

Delta R.T. 0.007 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

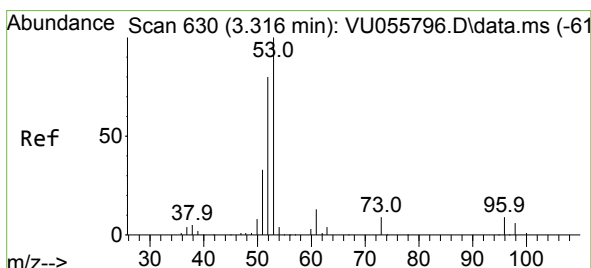
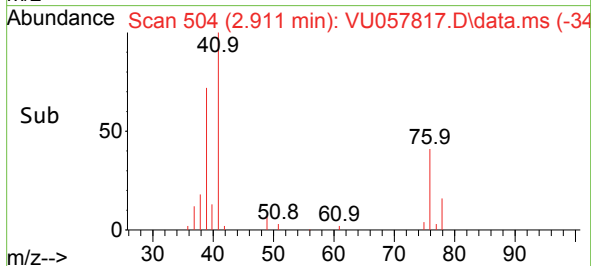
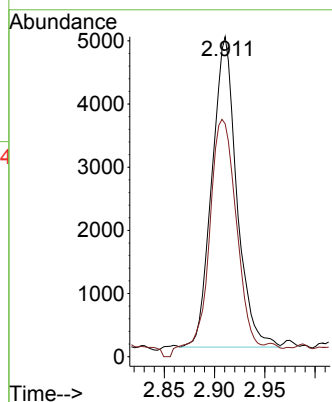
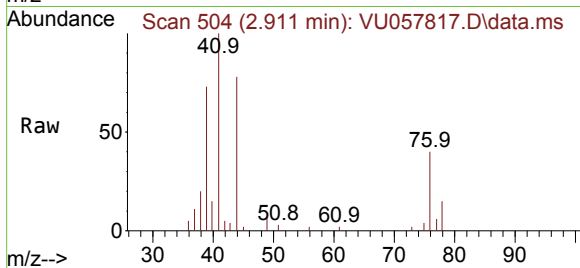
LOQ-WATER-02-QT1-2024

Tgt Ion: 41 Resp: 8440

Ion Ratio Lower Upper

41 100

39 86.3 54.2 81.2#



#12

Acrylonitrile

Concen: 1.225 ug/l

RT: 3.312 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

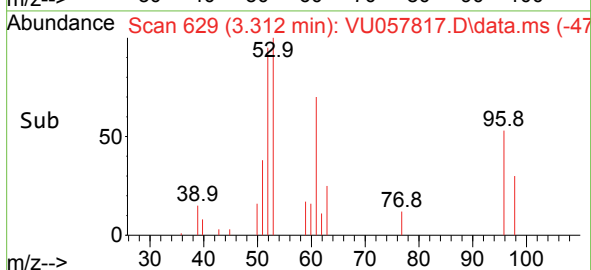
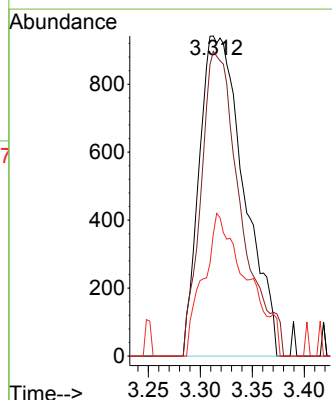
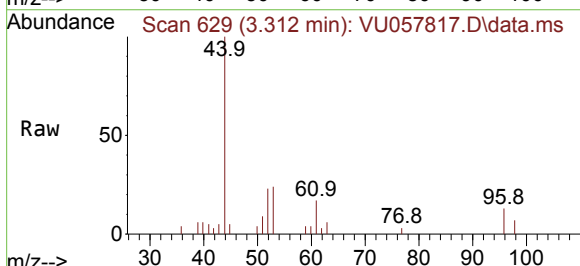
Tgt Ion: 53 Resp: 2818

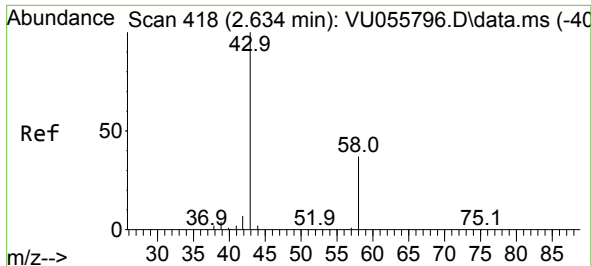
Ion Ratio Lower Upper

53 100

52 84.8 62.9 94.3

51 43.5 27.8 41.6#





#13

Acetone

Concen: 3.058 ug/l

RT: 2.637 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

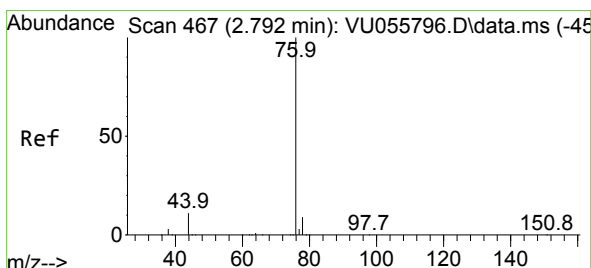
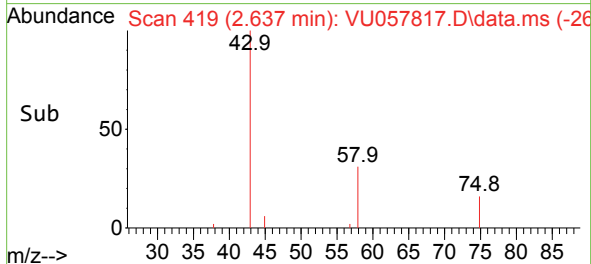
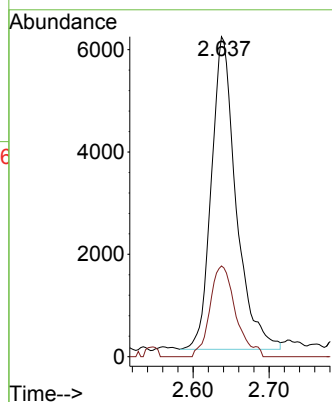
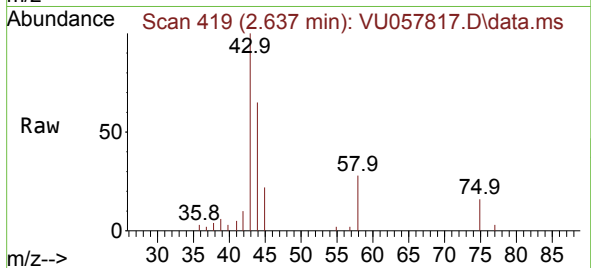
LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 13773

Ion Ratio Lower Upper

43 100

58 29.0 29.0 43.4



#14

Carbon Disulfide

Concen: 0.539 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.007 min

Lab File: VU057817.D

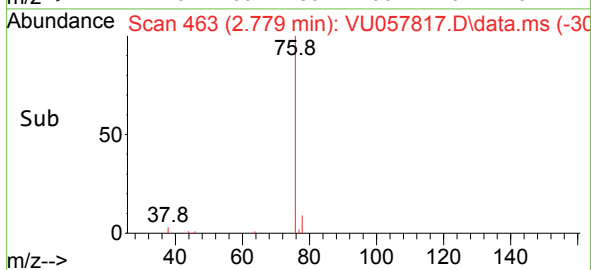
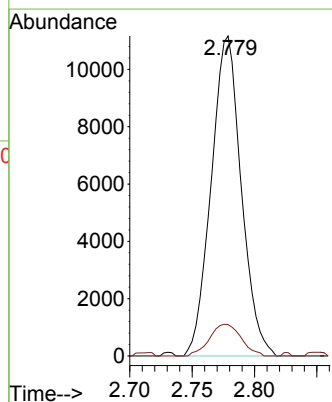
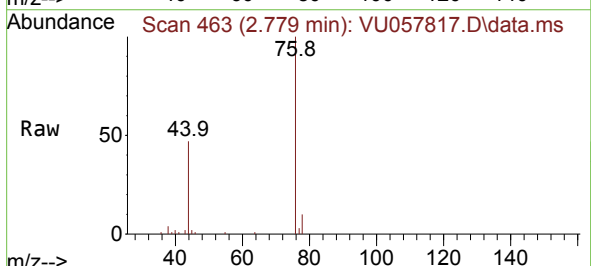
Acq: 06 Feb 2024 12:36

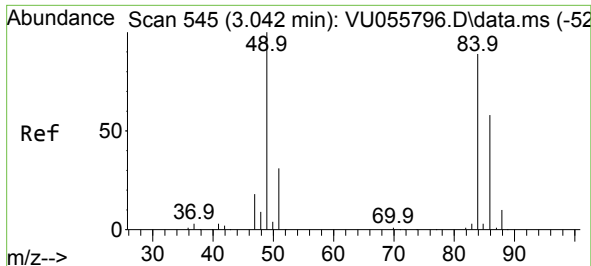
Tgt Ion: 76 Resp: 18773

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0



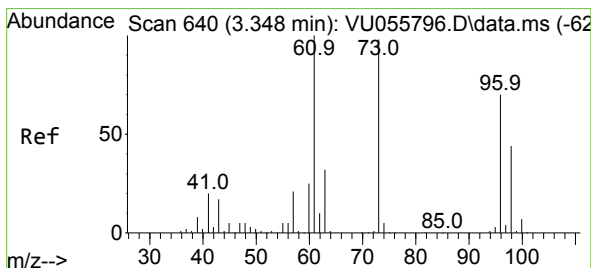
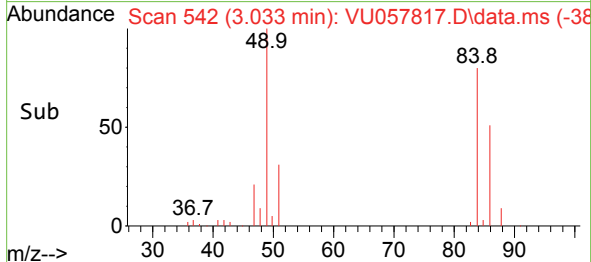
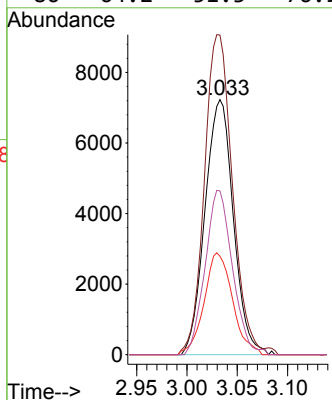
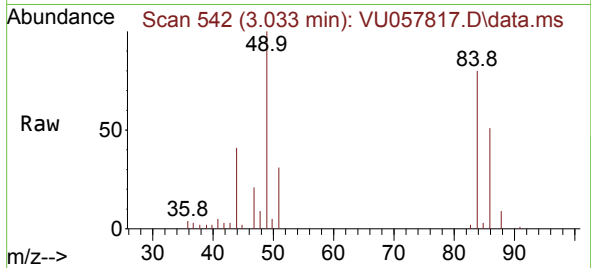


#15
Methylene Chloride
Concen: 1.016 ug/l
RT: 3.033 min Scan# 54
Delta R.T. 0.007 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 84 Resp: 14214

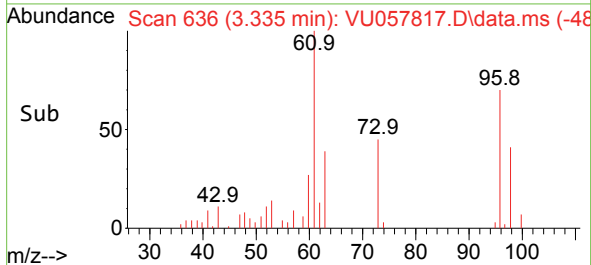
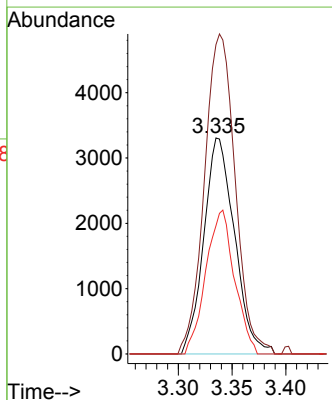
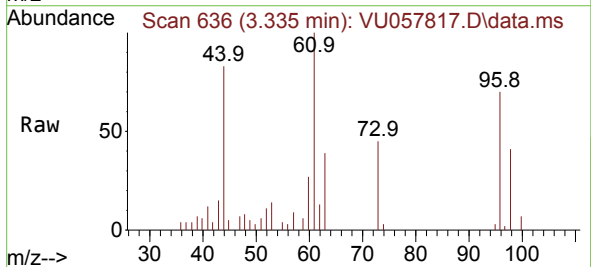
Ion	Ratio	Lower	Upper
84	100		
49	125.3	98.9	148.3
51	38.6	0.0	75.4
86	64.2	51.3	76.9

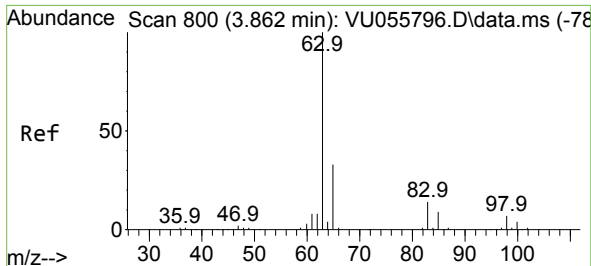


#16
trans-1,2-Dichloroethene
Concen: 0.556 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 96 Resp: 6572

Ion	Ratio	Lower	Upper
96	100		
61	138.4	117.5	176.3
98	57.4	48.3	72.5





#17

1,1-Dichloroethane

Concen: 0.557 ug/l

RT: 3.853 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

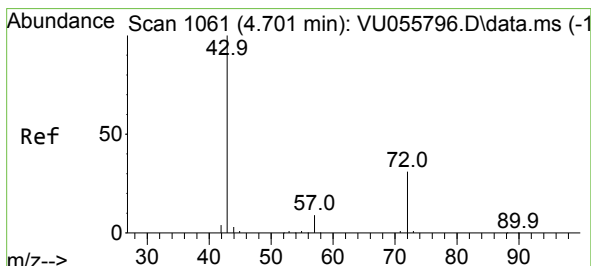
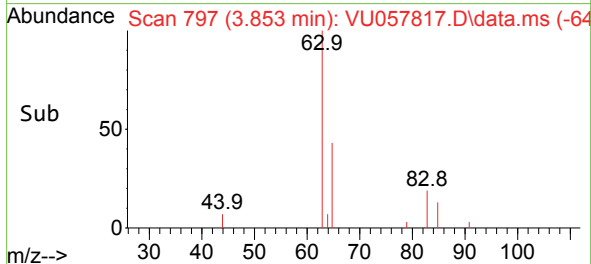
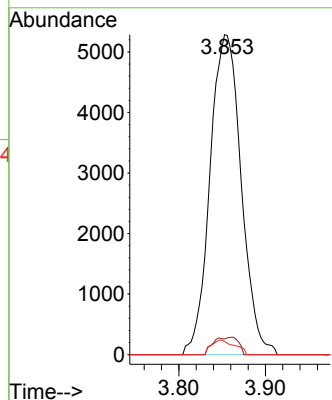
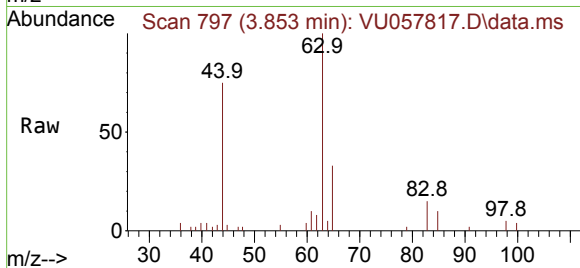
Tgt Ion: 63 Resp: 13235

Ion Ratio Lower Upper

63 100

98 4.9 3.4 10.1

100 4.1 2.2 6.6



#18

2-Butanone

Concen: 2.951 ug/l

RT: 4.724 min Scan# 1068

Delta R.T. 0.013 min

Lab File: VU057817.D

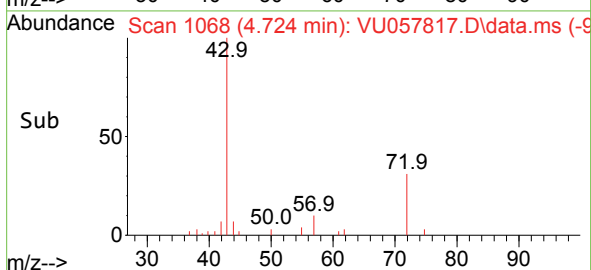
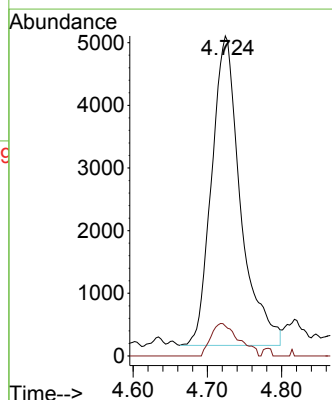
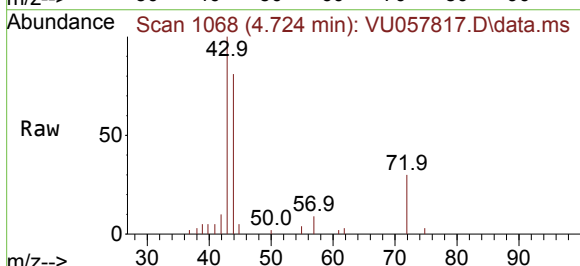
Acq: 06 Feb 2024 12:36

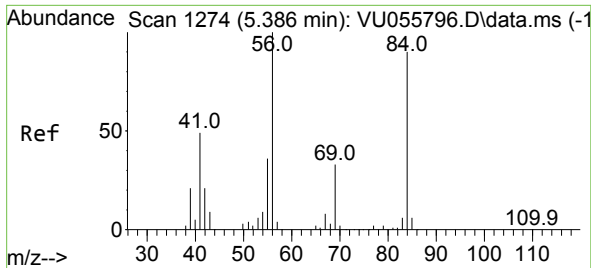
Tgt Ion: 43 Resp: 13326

Ion Ratio Lower Upper

43 100

57 9.7 0.0 19.6





#19

Cyclohexane

Concen: 0.559 ug/l

RT: 5.370 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

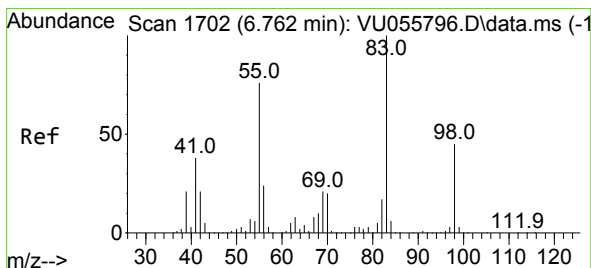
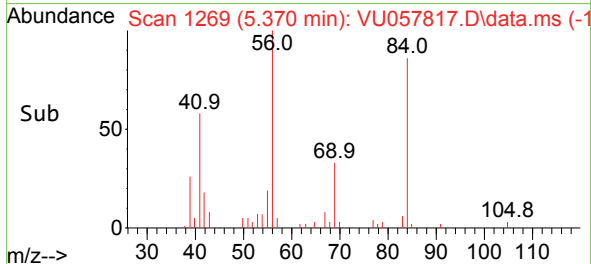
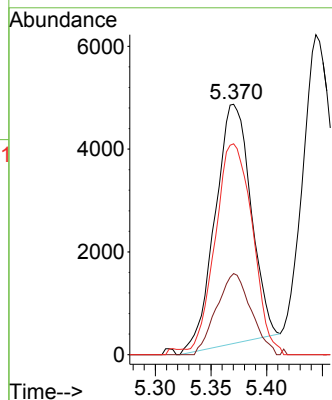
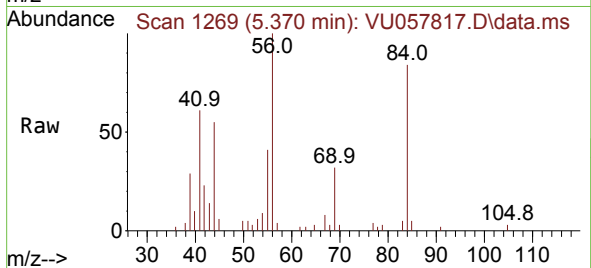
Tgt Ion: 56 Resp: 10444

Ion Ratio Lower Upper

56 100

69 32.6 24.6 37.0

84 89.0 68.4 102.6



#20

Methylcyclohexane

Concen: 0.513 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

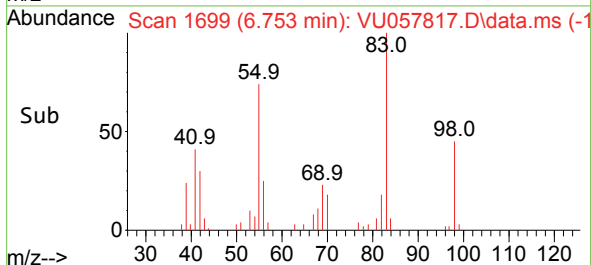
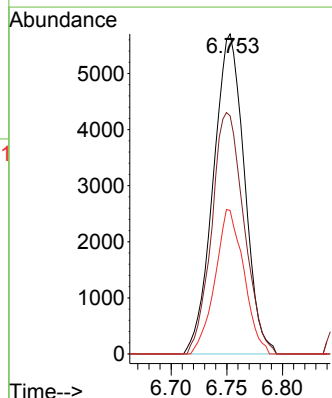
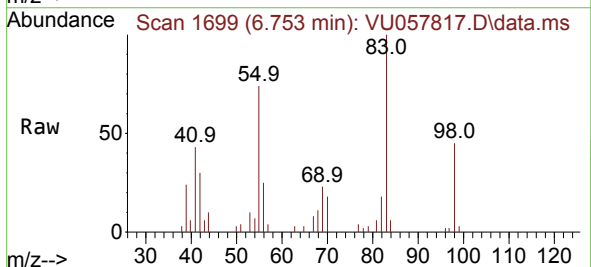
Tgt Ion: 83 Resp: 11077

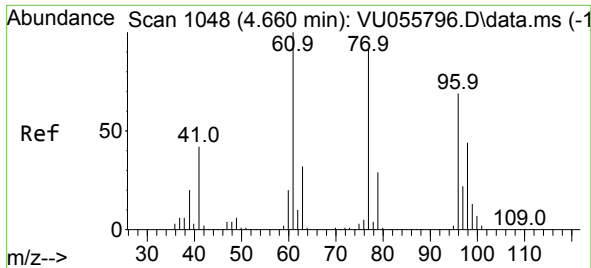
Ion Ratio Lower Upper

83 100

55 78.1 63.5 95.3

98 41.8 36.0 54.0

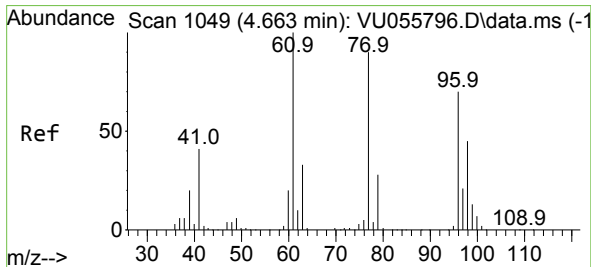
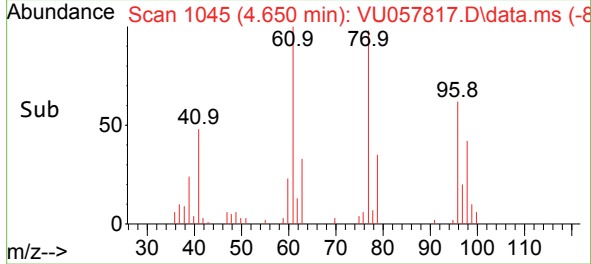
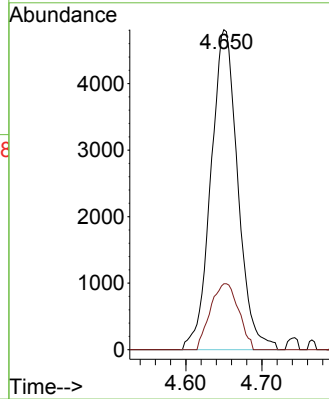
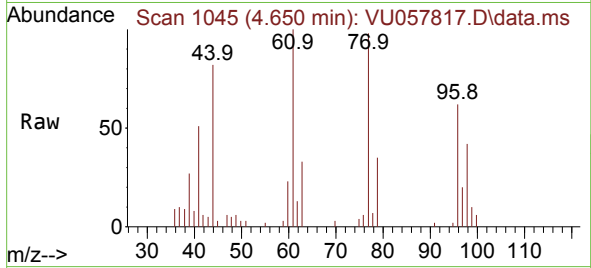




#21
2,2-Dichloropropane
Concen: 0.554 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

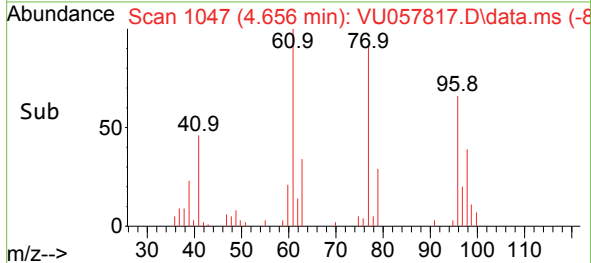
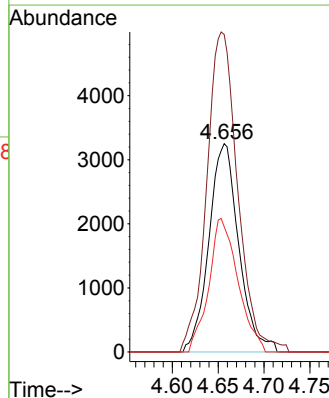
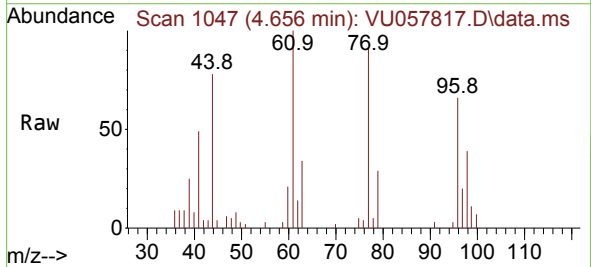
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

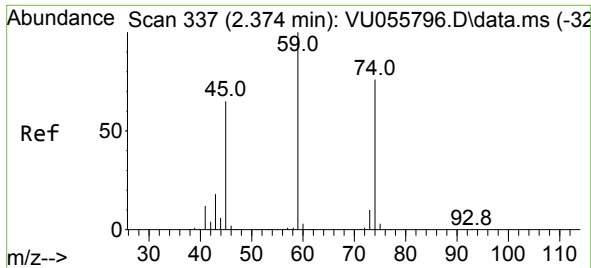
Tgt Ion: 77 Resp: 11846
Ion Ratio Lower Upper
77 100
97 21.5 18.4 27.6



#22
cis-1,2-Dichloroethene
Concen: 0.566 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.007 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 96 Resp: 7373
Ion Ratio Lower Upper
96 100
61 158.9 0.0 365.8
98 62.4 32.0 96.0





#23

Diethyl Ether

Concen: 0.726 ug/l

RT: 2.364 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

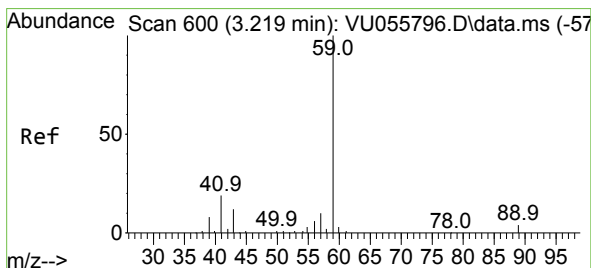
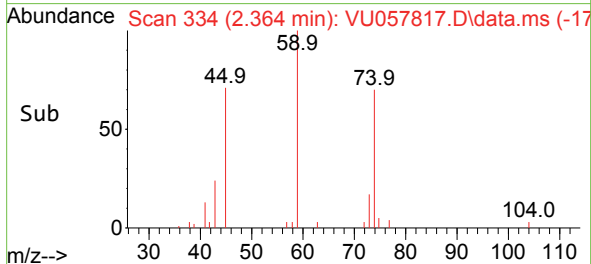
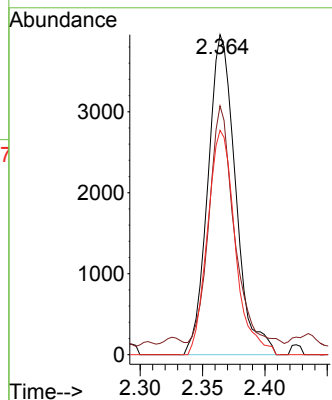
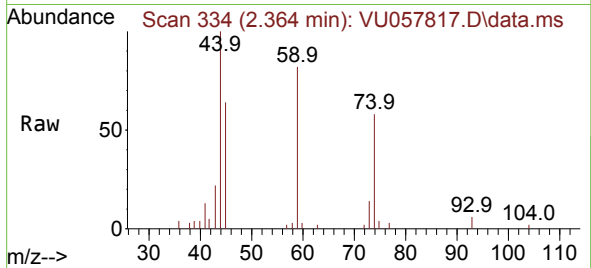
Tgt Ion: 59 Resp: 6105

Ion Ratio Lower Upper

59 100

45 67.2 56.1 84.1

74 69.8 57.4 86.2



#24

tert-Butyl Alcohol

Concen: 2.652 ug/l

RT: 3.248 min Scan# 609

Delta R.T. 0.016 min

Lab File: VU057817.D

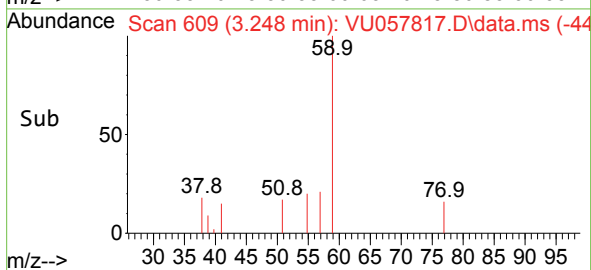
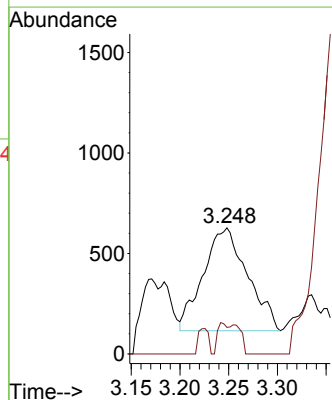
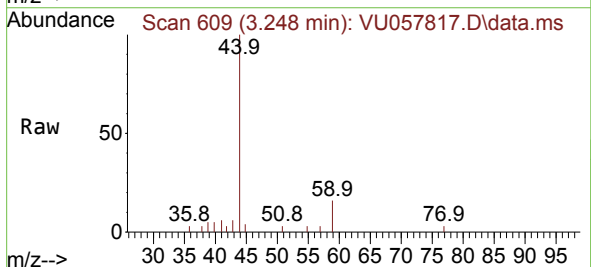
Acq: 06 Feb 2024 12:36

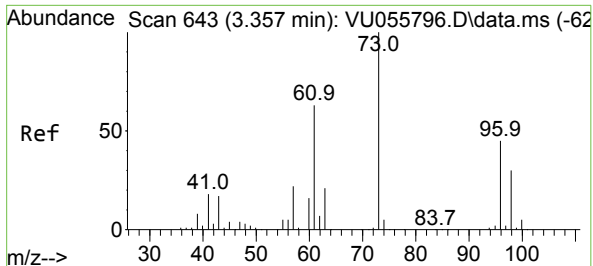
Tgt Ion: 59 Resp: 1618

Ion Ratio Lower Upper

59 100

57 0.0 105.6 158.4#

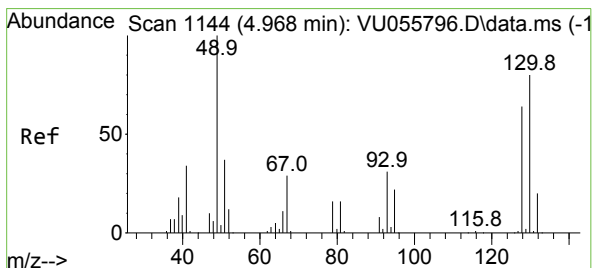
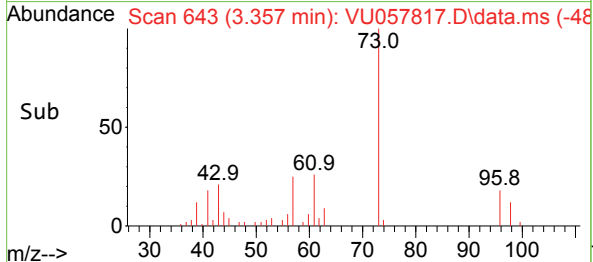
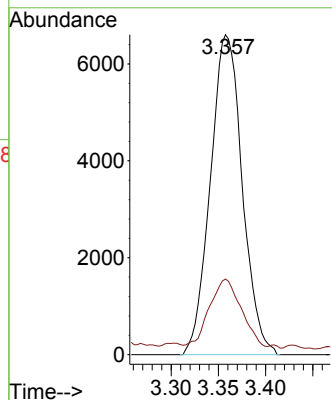
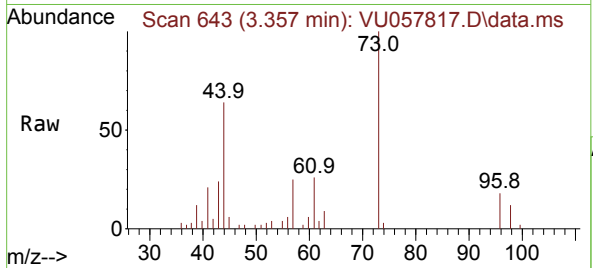




#25
Methyl tert-Butyl Ether
Concen: 0.558 ug/l
RT: 3.357 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

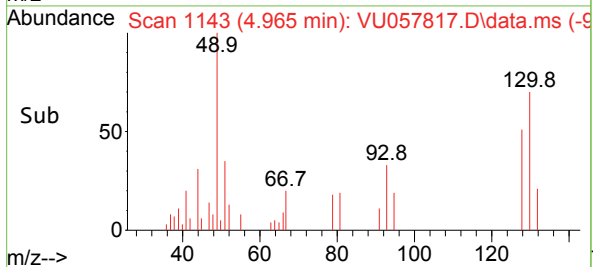
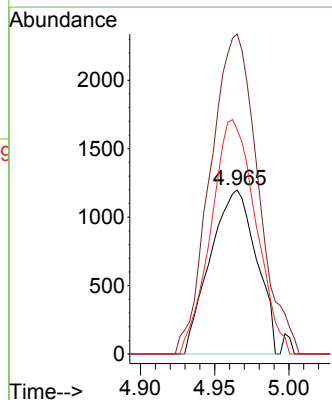
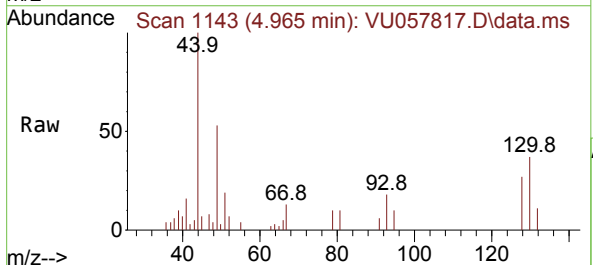
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

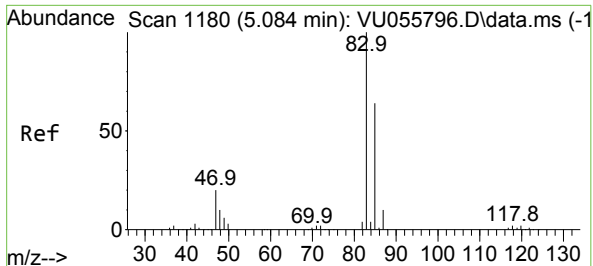
Tgt Ion: 73 Resp: 15492
Ion Ratio Lower Upper
73 100
43 20.8 15.0 22.6



#26
Bromochloromethane
Concen: 0.510 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.007 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 128 Resp: 2585
Ion Ratio Lower Upper
128 100
49 201.9 0.0 324.6
130 139.2 103.0 154.4





#27

Chloroform

Concen: 0.549 ug/l

RT: 5.078 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

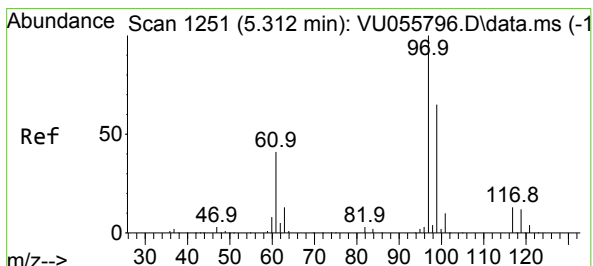
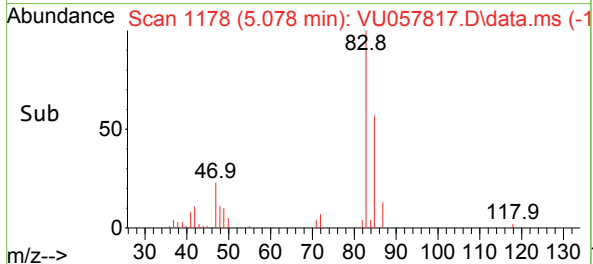
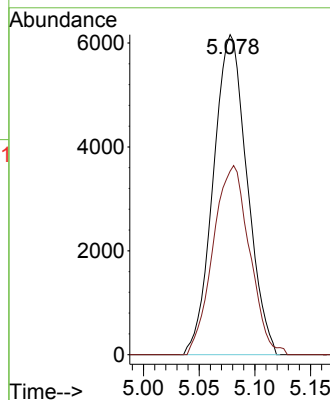
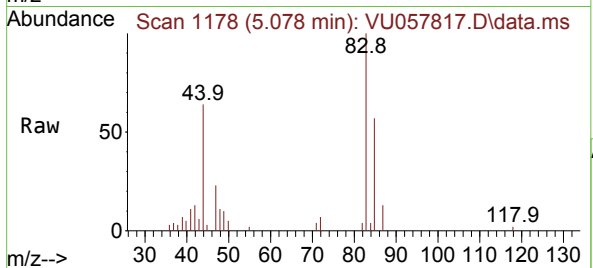
LOQ-WATER-02-QT1-2024

Tgt Ion: 83 Resp: 13024

Ion Ratio Lower Upper

83 100

85 57.3 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 0.517 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

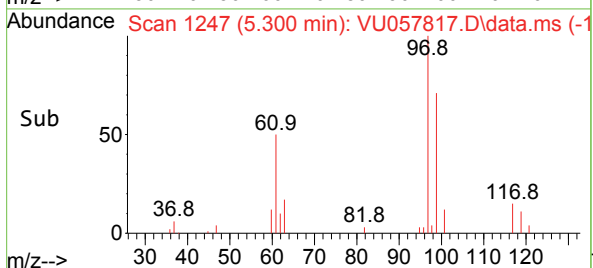
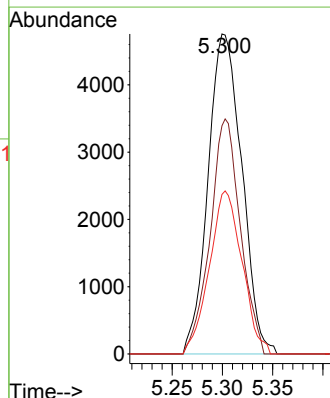
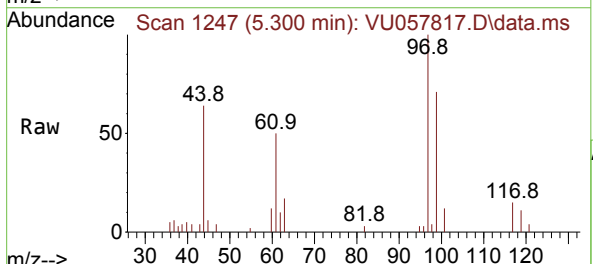
Tgt Ion: 97 Resp: 11105

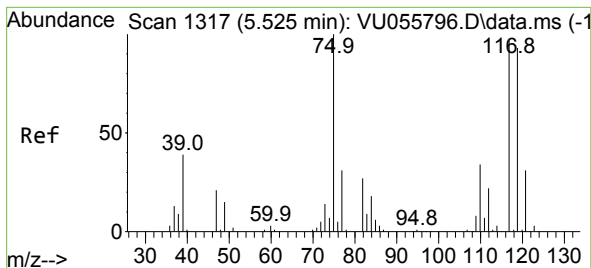
Ion Ratio Lower Upper

97 100

99 65.7 32.0 96.2

61 49.4 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.544 ug/l

RT: 5.515 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

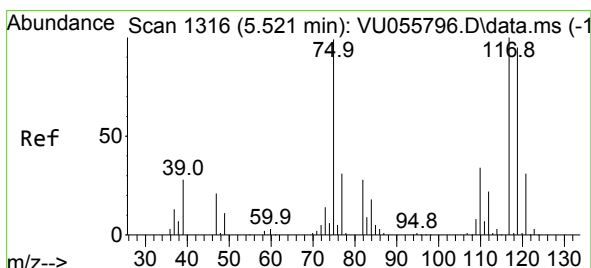
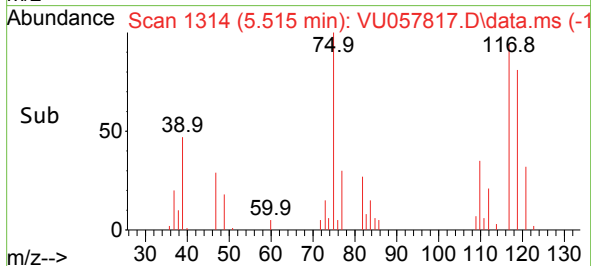
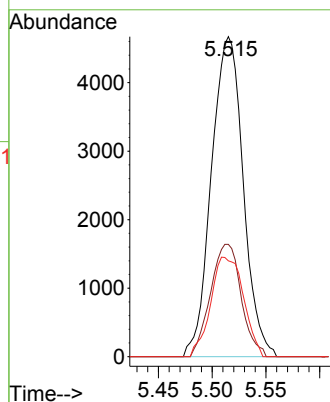
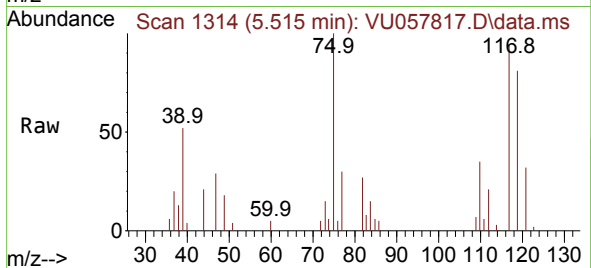
Tgt Ion: 75 Resp: 9600

Ion Ratio Lower Upper

75 100

110 33.9 18.0 54.0

77 32.0 24.7 37.1



#30

Carbon Tetrachloride

Concen: 0.550 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

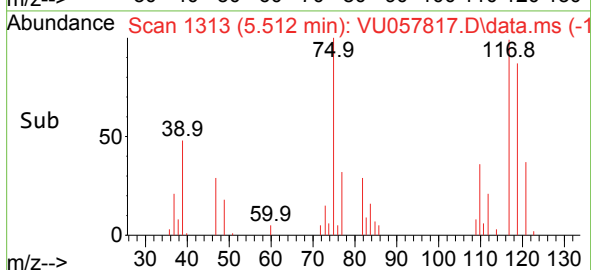
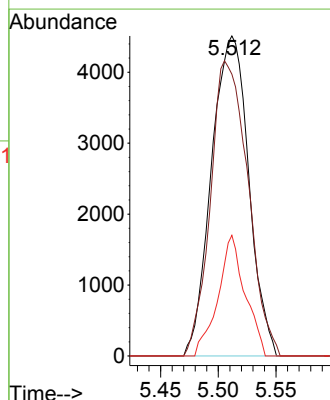
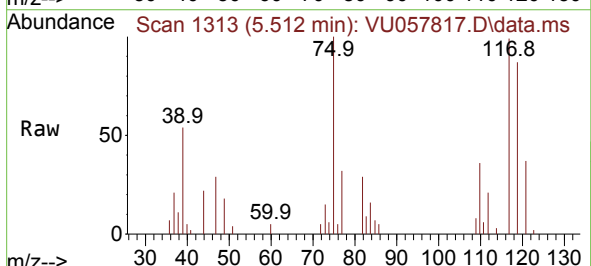
Tgt Ion: 117 Resp: 10111

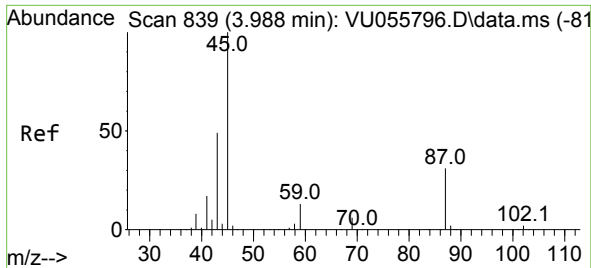
Ion Ratio Lower Upper

117 100

119 88.1 77.4 116.0

121 37.7 24.0 36.0#

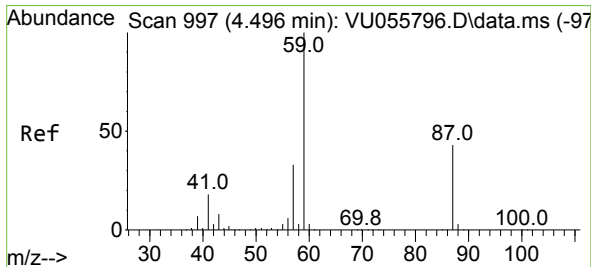
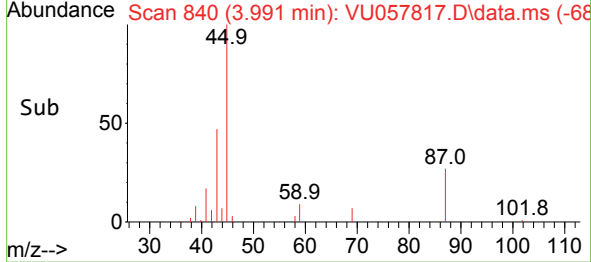
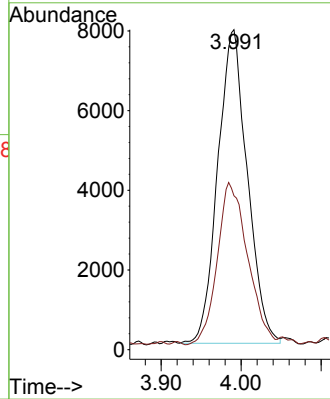
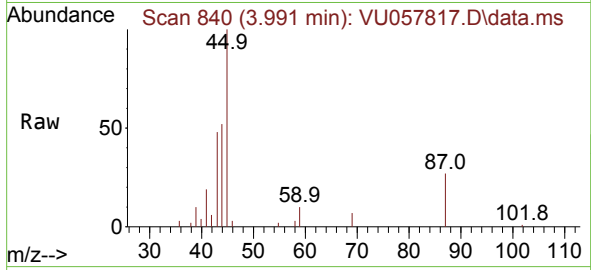




#31
Isopropyl Ether
Concen: 0.554 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

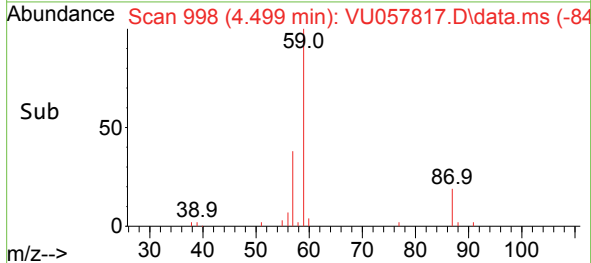
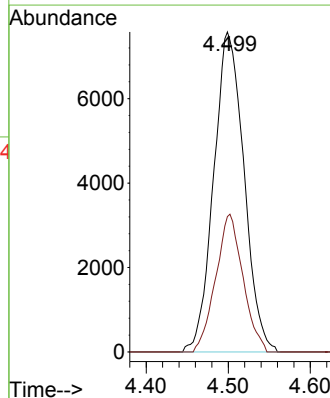
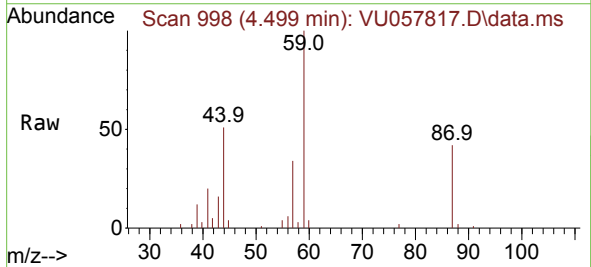
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

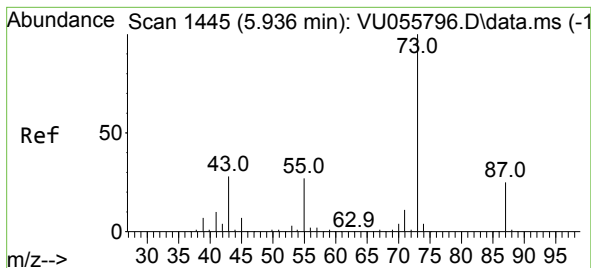
Tgt Ion: 45 Resp: 20210
Ion Ratio Lower Upper
45 100
43 53.1 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 0.543 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 59 Resp: 19479
Ion Ratio Lower Upper
59 100
87 38.7 33.5 50.3





#33

Tert-Amyl methyl ether

Concen: 0.545 ug/l

RT: 5.943 min Scan# 1445

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

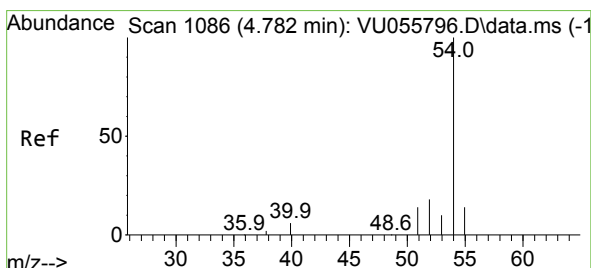
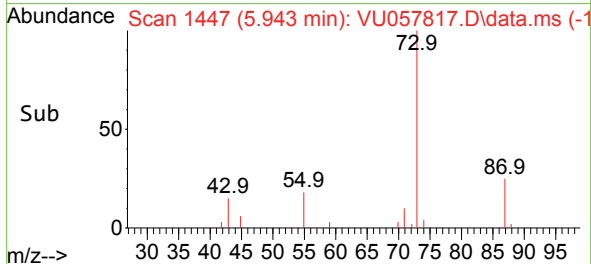
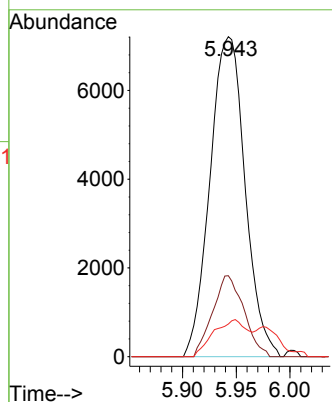
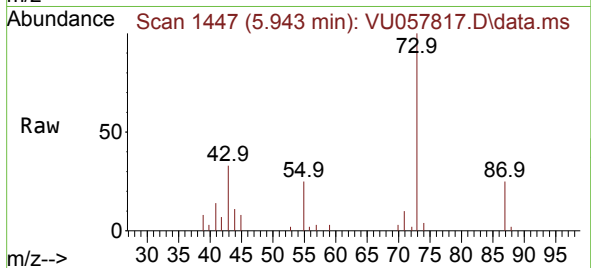
Tgt Ion: 73 Resp: 16358

Ion Ratio Lower Upper

73 100

87 22.5 18.6 28.0

71 11.4 9.9 14.9



#34

Propionitrile

Concen: 2.931 ug/l

RT: 4.798 min Scan# 1091

Delta R.T. 0.013 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Tgt Ion: 54 Resp: 2470

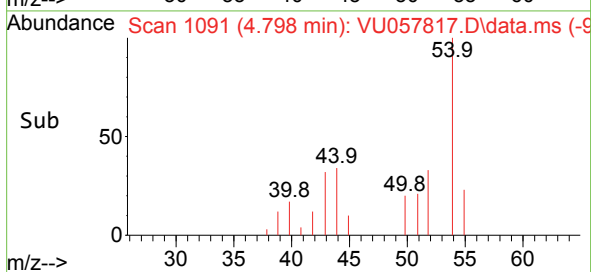
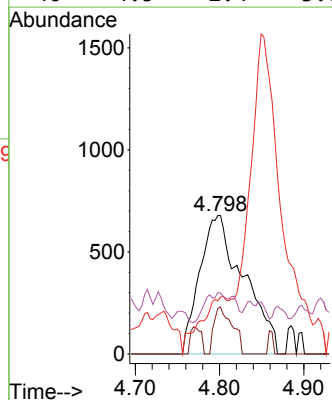
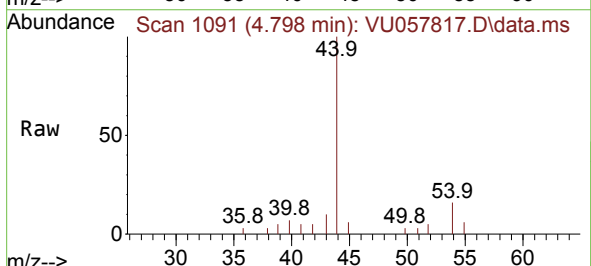
Ion Ratio Lower Upper

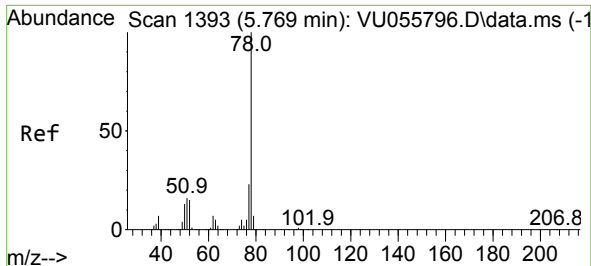
54 100

52 14.0 17.4 26.0#

55 25.8 104.1 156.1#

40 4.5 2.4 3.6#

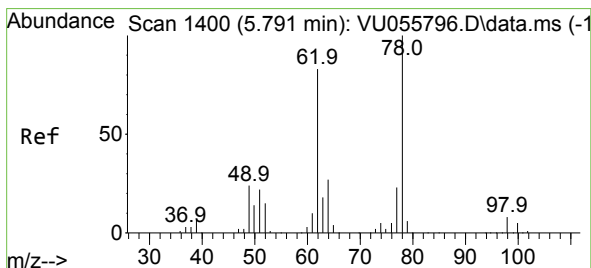
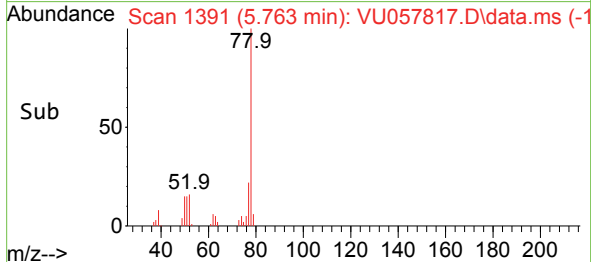
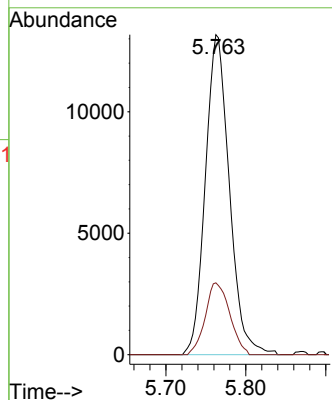
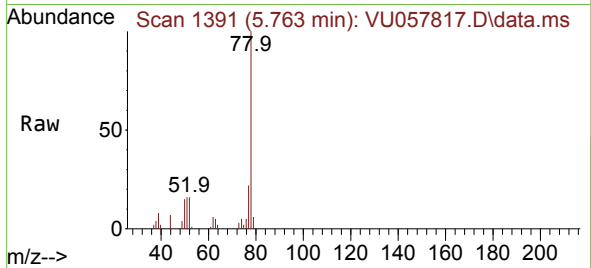




#35
Benzene
Concen: 0.544 ug/l
RT: 5.763 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

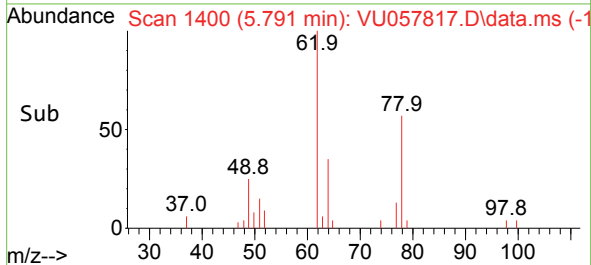
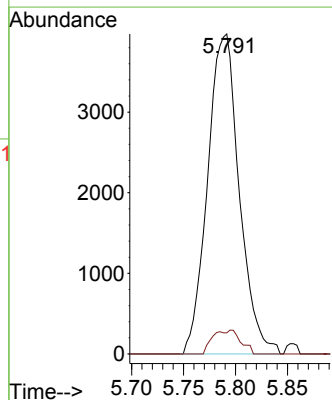
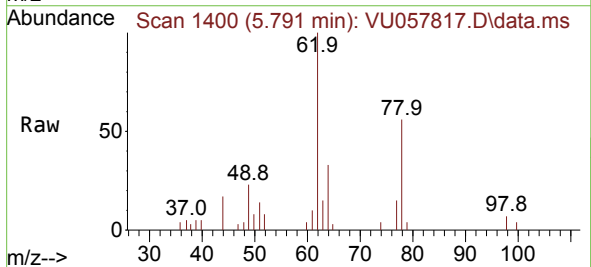
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

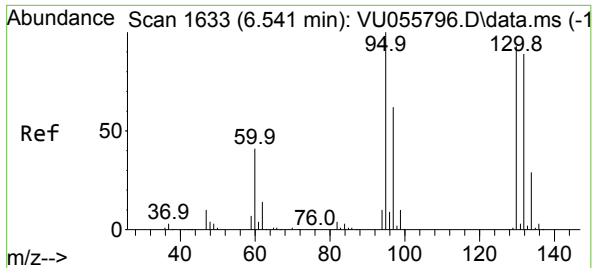
Tgt Ion: 78 Resp: 27473
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3



#36
1,2-Dichloroethane
Concen: 0.571 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 62 Resp: 8428
Ion Ratio Lower Upper
62 100
98 3.0 7.3 10.9#





#37

Trichloroethene

Concen: 0.527 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

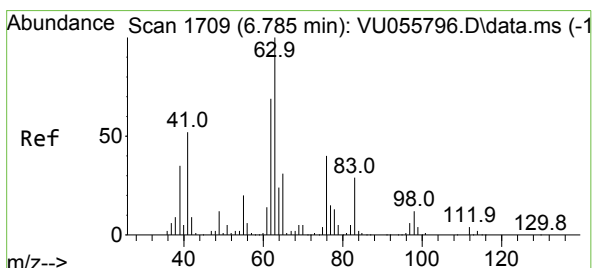
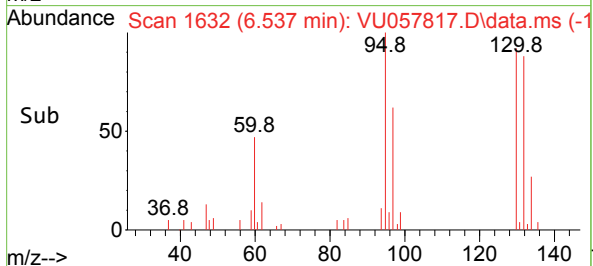
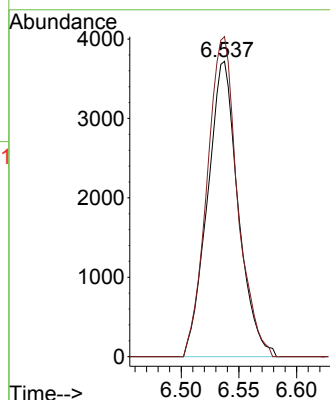
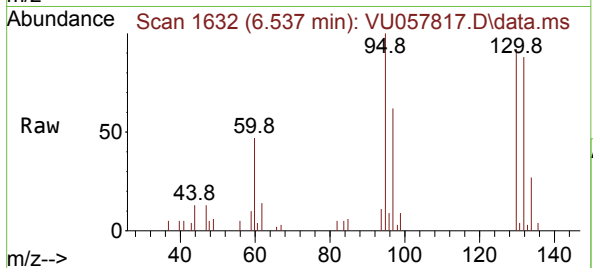
LOQ-WATER-02-QT1-2024

Tgt Ion:130 Resp: 6860

Ion Ratio Lower Upper

130 100

95 108.4 85.0 127.6



#38

1,2-Dichloropropane

Concen: 0.518 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057817.D

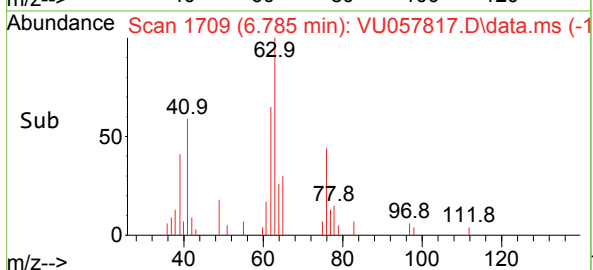
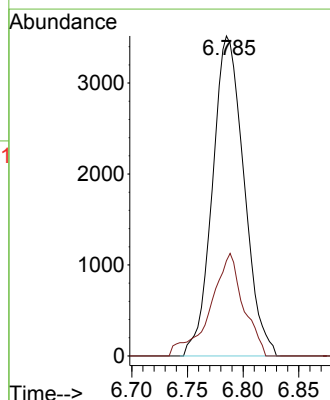
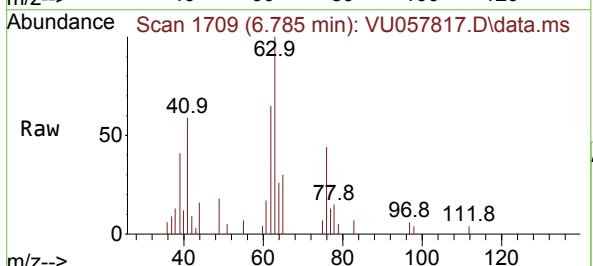
Acq: 06 Feb 2024 12:36

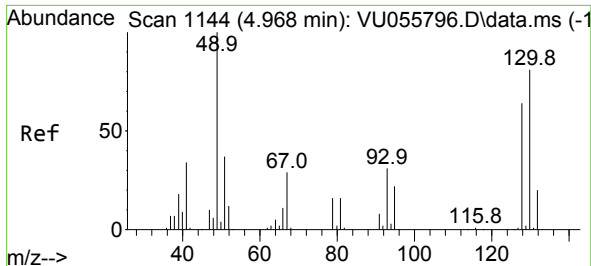
Tgt Ion: 63 Resp: 6916

Ion Ratio Lower Upper

63 100

65 29.8 24.9 37.3





#39

Methacrylonitrile

Concen: 0.505 ug/l

RT: 4.981 min Scan# 1148

Delta R.T. 0.010 min

Lab File: VU057817.D

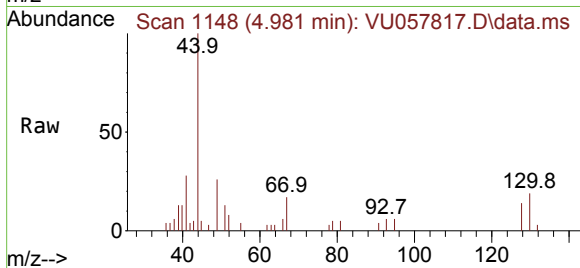
Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 41 Resp: 1856

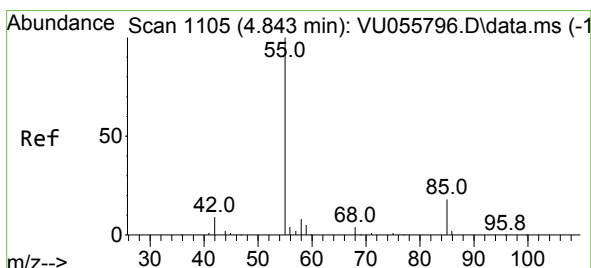
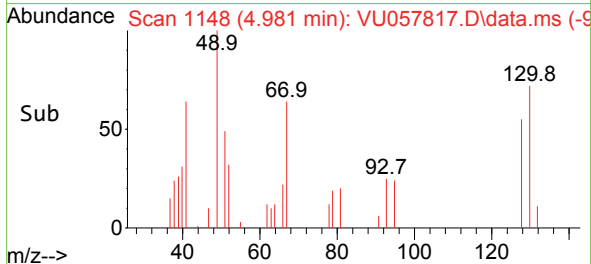
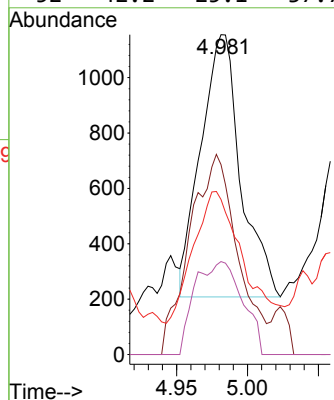
Ion Ratio Lower Upper

41 100

67 91.5 66.8 100.2

39 60.6 41.2 61.8

52 42.2 25.1 37.7#



#40

Methyl acrylate

Concen: 0.570 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Tgt Ion: 55 Resp: 3485

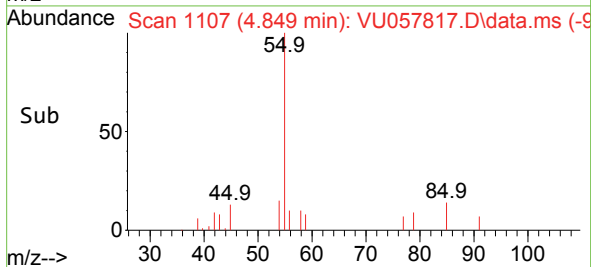
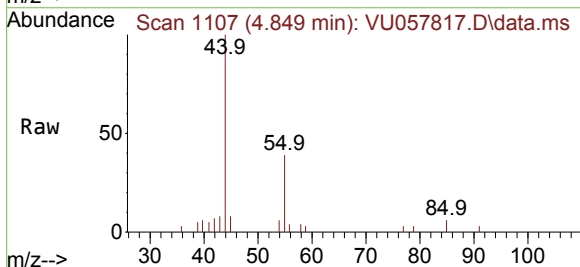
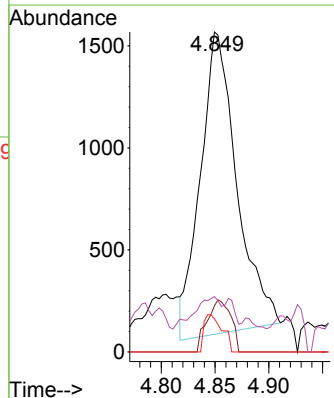
Ion Ratio Lower Upper

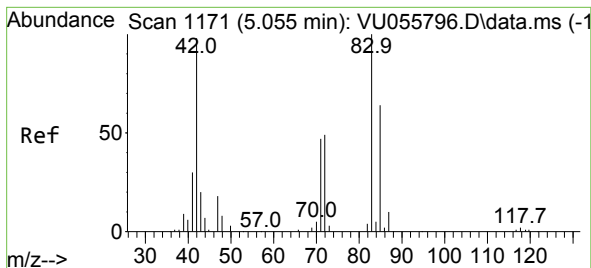
55 100

85 11.2 13.3 19.9#

58 6.2 6.5 9.7#

42 7.4 5.9 8.9





#41

Tetrahydrofuran

Concen: 1.671 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

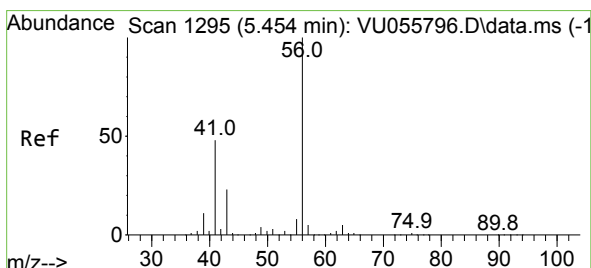
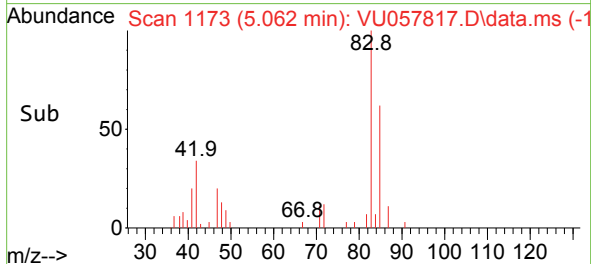
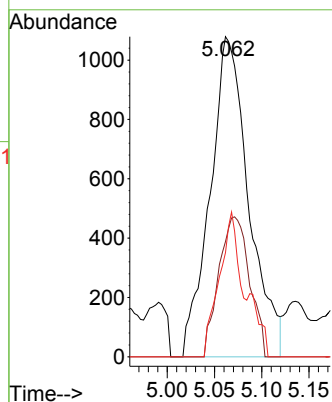
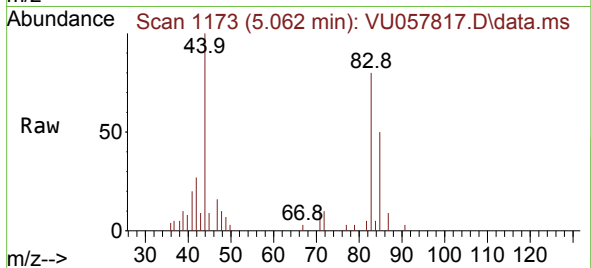
Tgt Ion: 42 Resp: 3058

Ion Ratio Lower Upper

42 100

72 34.9 40.9 61.3#

71 24.4 36.9 55.3#



#42

1-Chlorobutane

Concen: 0.538 ug/l

RT: 5.444 min Scan# 1292

Delta R.T. 0.000 min

Lab File: VU057817.D

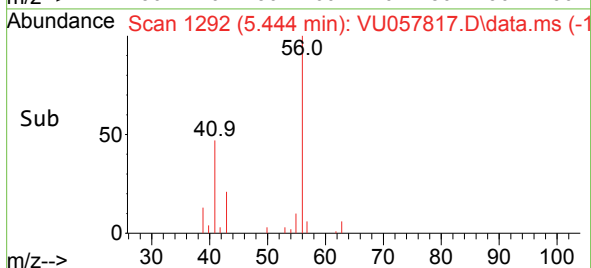
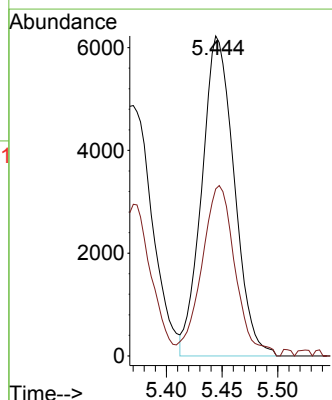
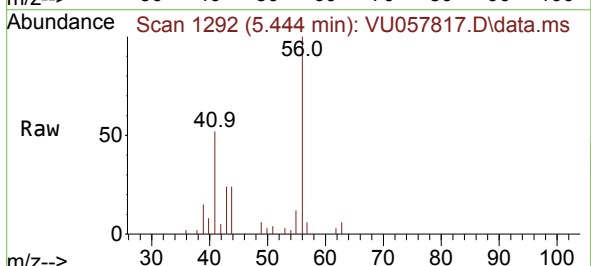
Acq: 06 Feb 2024 12:36

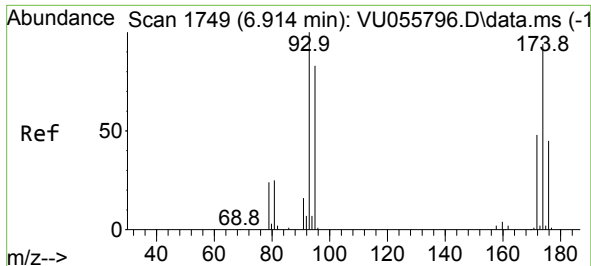
Tgt Ion: 56 Resp: 12598

Ion Ratio Lower Upper

56 100

41 54.8 25.2 75.6

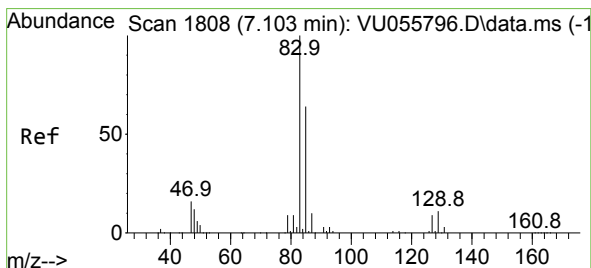
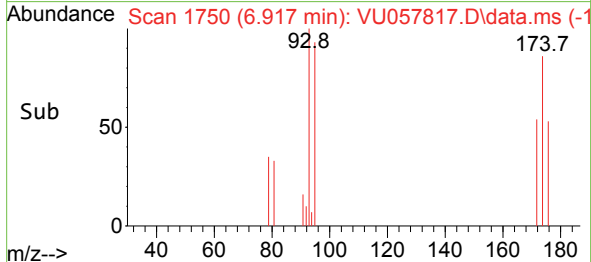
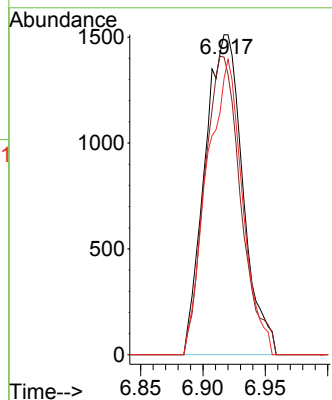
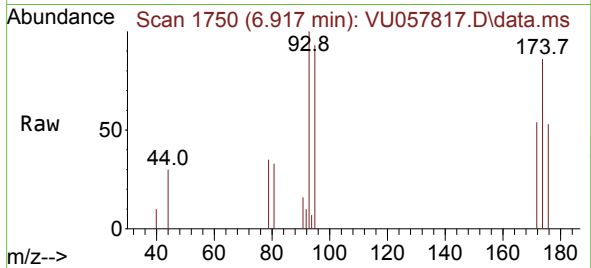




#43
Dibromomethane
Concen: 0.522 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

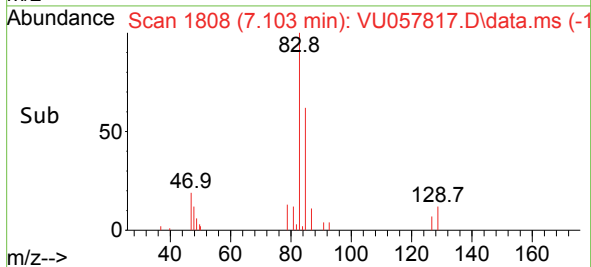
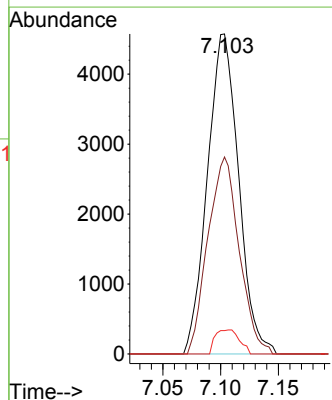
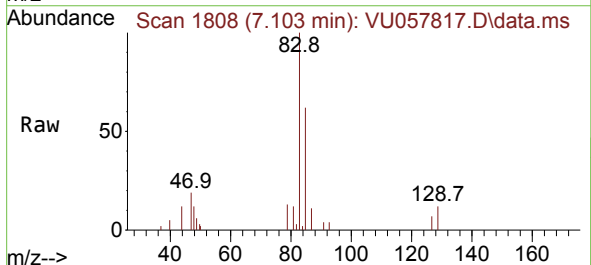
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

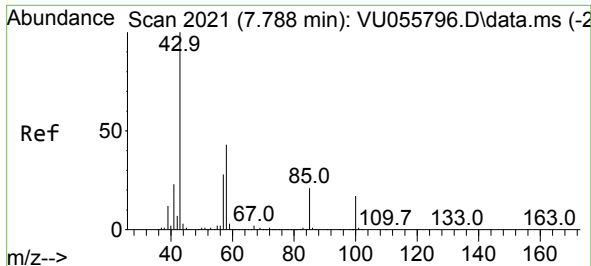
Tgt Ion: 93 Resp: 3205
Ion Ratio Lower Upper
93 100
95 88.7 67.0 100.6
174 86.2 73.8 110.6



#44
Bromodichloromethane
Concen: 0.516 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 83 Resp: 8604
Ion Ratio Lower Upper
83 100
85 61.6 51.9 77.9
127 7.3 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 2.761 ug/l

RT: 7.798 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

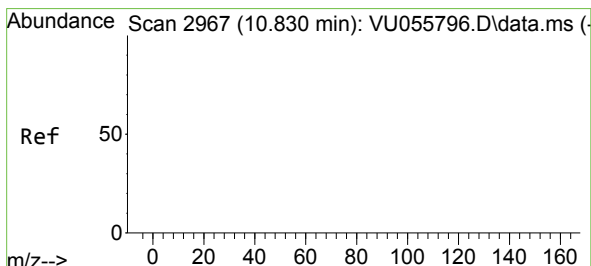
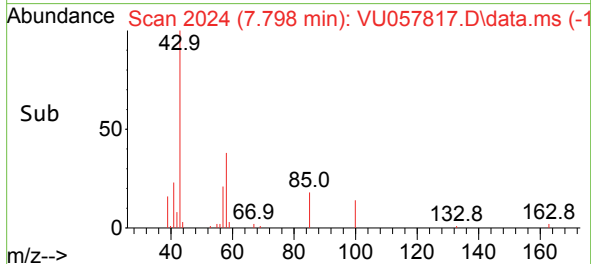
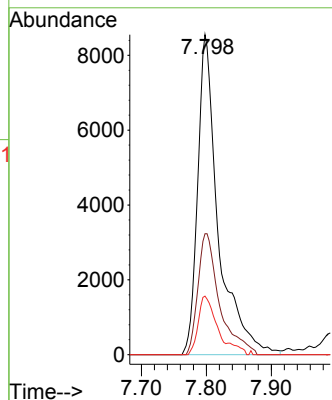
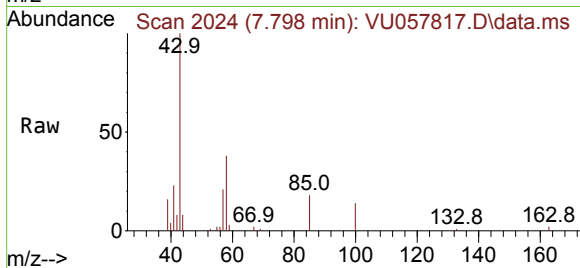
Tgt Ion: 43 Resp: 18934

Ion Ratio Lower Upper

43 100

58 39.6 20.9 62.8

85 17.4 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 1.779 ug/l

RT: 10.823 min Scan# 2965

Delta R.T. -0.013 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Tgt Ion: 75 Resp: 3272

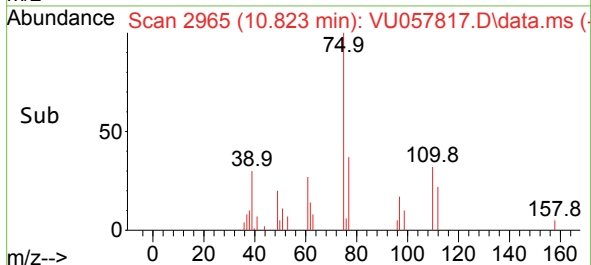
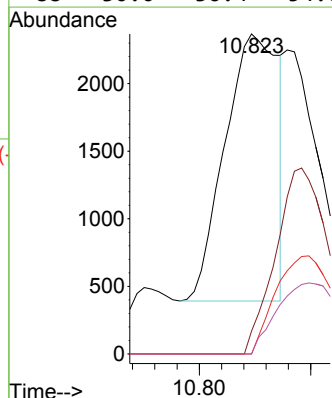
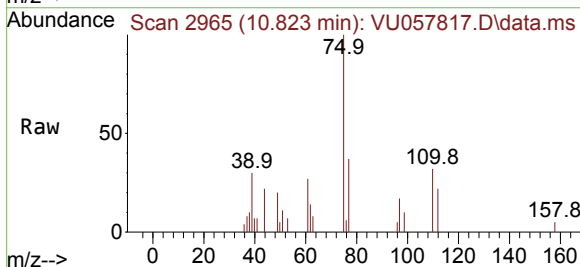
Ion Ratio Lower Upper

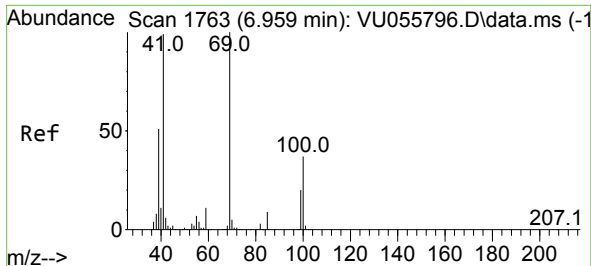
75 100

53 71.4 73.3 109.9#

89 38.8 48.2 72.4#

88 30.0 36.4 54.6#

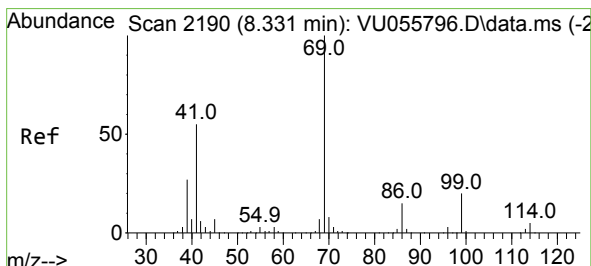
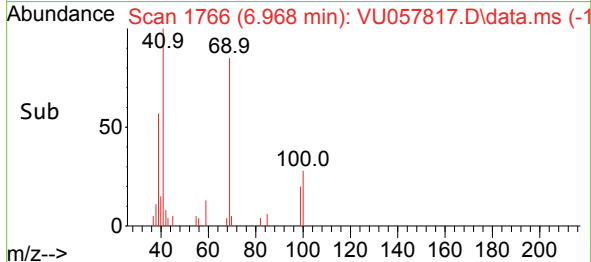
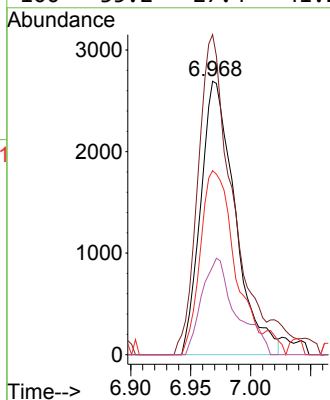
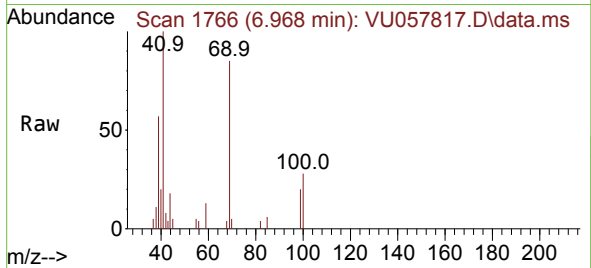




#47
Methyl methacrylate
Concen: 0.956 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.007 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

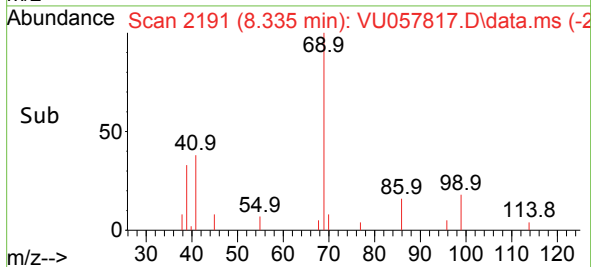
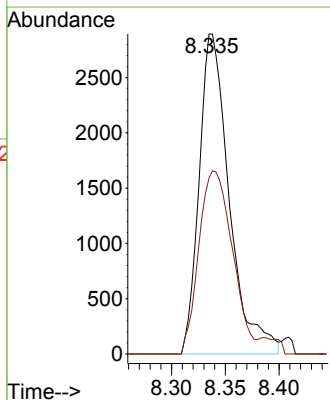
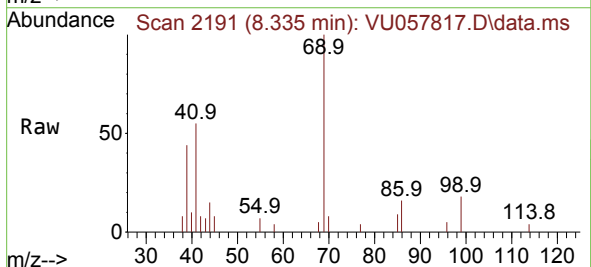
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

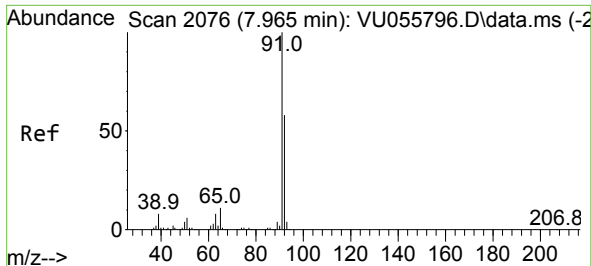
Tgt Ion:	69	Resp:	5374
Ion	Ratio	Lower	Upper
69	100		
41	125.6	0.0	209.2
39	67.7	46.7	70.1
100	35.2	27.4	41.2



#48
Ethyl methacrylate
Concen: 0.499 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion:	69	Resp:	5634
Ion	Ratio	Lower	Upper
69	100		
41	63.8	30.3	90.8





#49

Toluene

Concen: 0.507 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

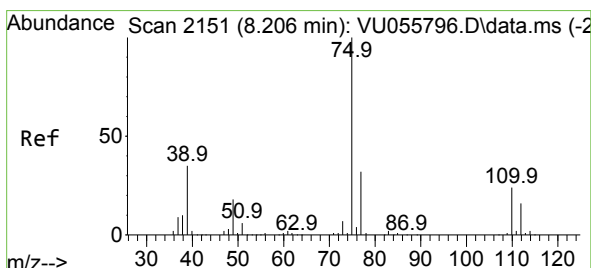
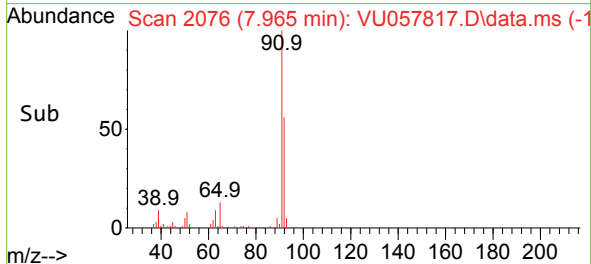
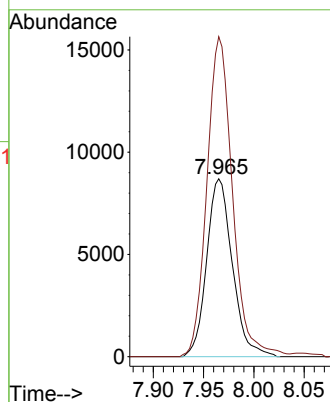
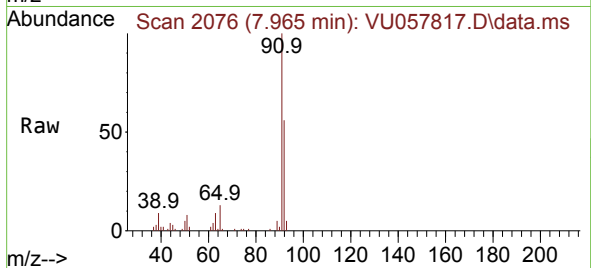
LOQ-WATER-02-QT1-2024

Tgt Ion: 92 Resp: 15484

Ion Ratio Lower Upper

92 100

91 179.1 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 0.470 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU057817.D

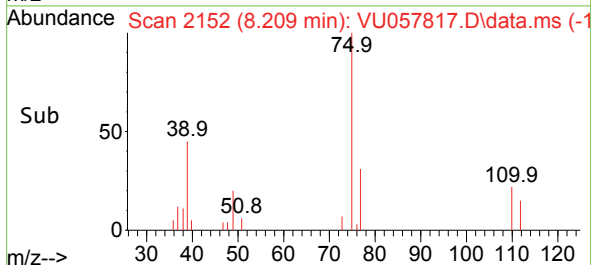
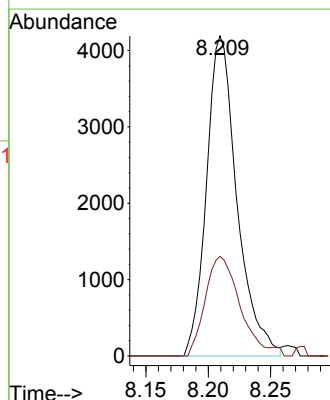
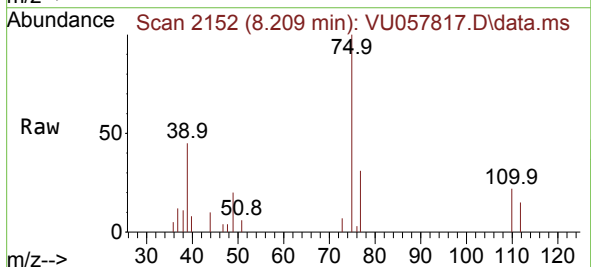
Acq: 06 Feb 2024 12:36

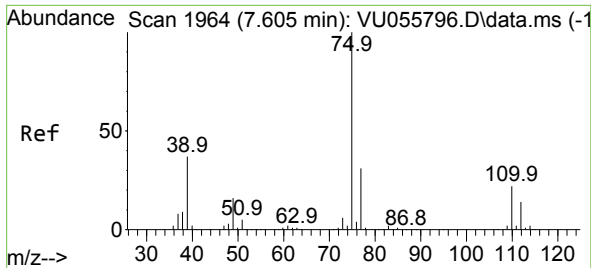
Tgt Ion: 75 Resp: 7129

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

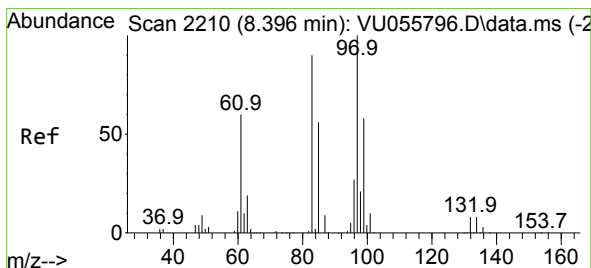
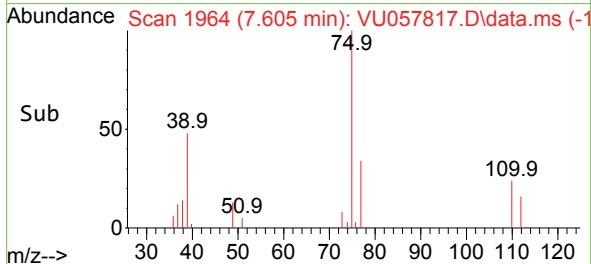
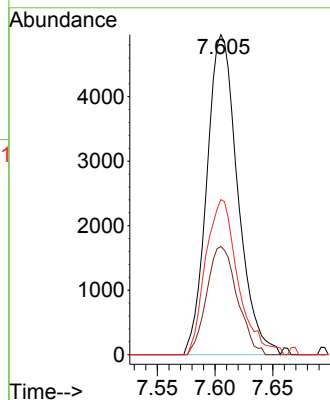
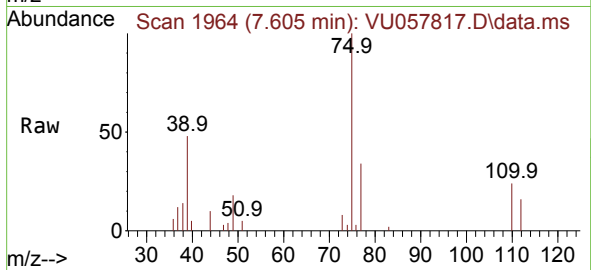




#51
 cis-1,3-Dichloropropene
 Concen: 0.488 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU057817.D
 Acq: 06 Feb 2024 12:36

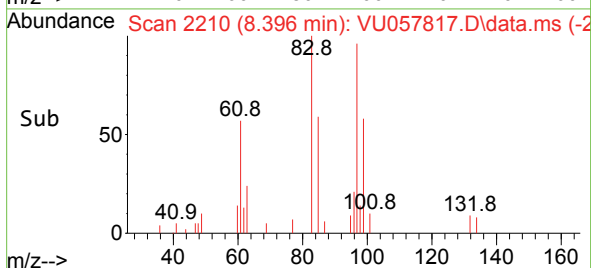
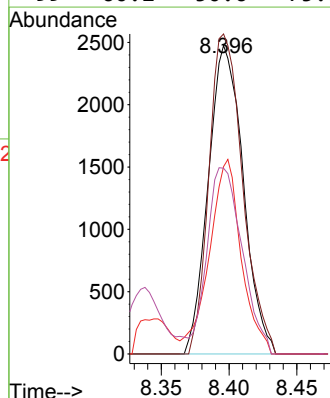
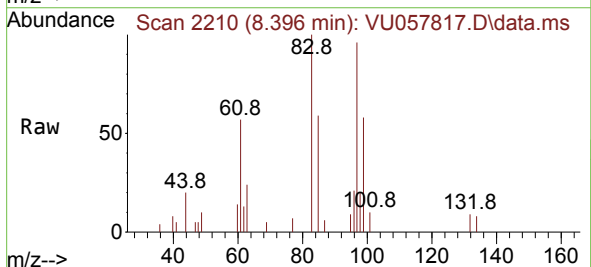
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

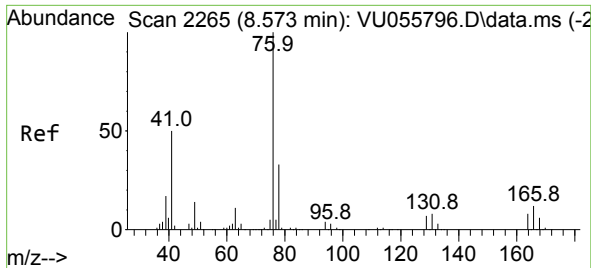
Tgt Ion:	75	Resp:	9236
Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.7	38.5
39	48.5	32.8	49.2



#52
 1,1,2-Trichloroethane
 Concen: 0.524 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU057817.D
 Acq: 06 Feb 2024 12:36

Tgt Ion:	97	Resp:	4425
Ion	Ratio	Lower	Upper
97	100		
83	103.7	71.8	107.8
85	60.7	45.2	67.8
99	60.2	50.6	75.8

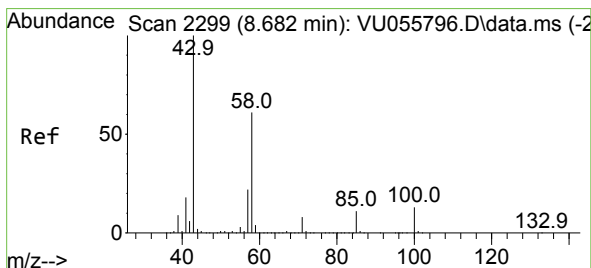
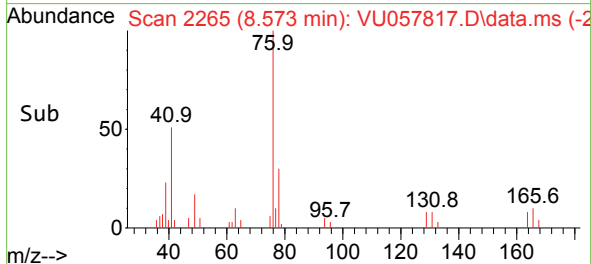
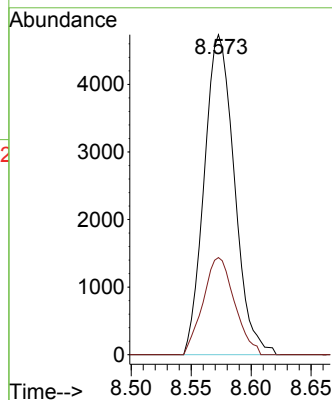
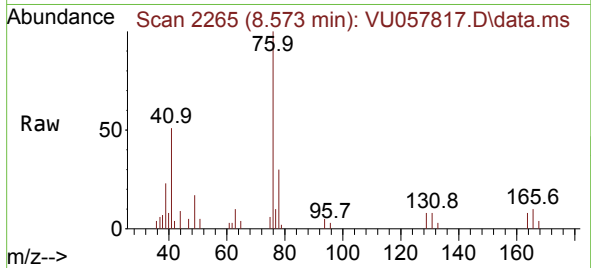




#53
1,3-Dichloropropane
Concen: 0.539 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

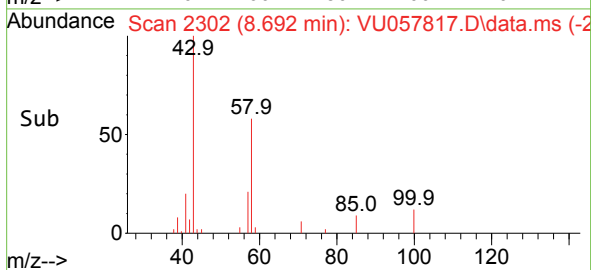
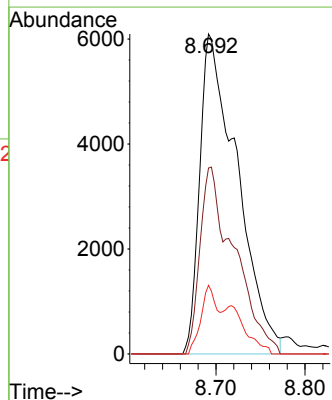
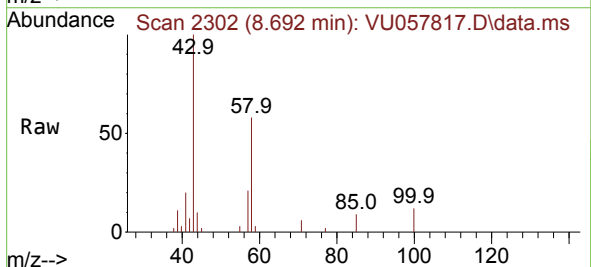
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

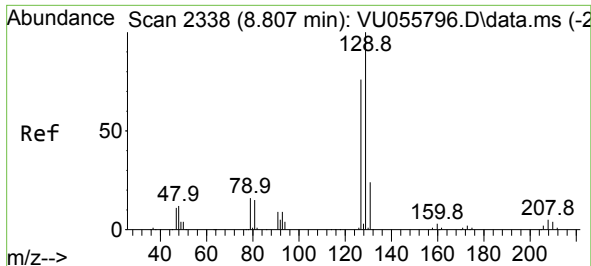
Tgt Ion: 76 Resp: 8256
Ion Ratio Lower Upper
76 100
78 31.7 25.9 38.9



#54
2-Hexanone
Concen: 2.663 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.007 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 43 Resp: 17683
Ion Ratio Lower Upper
43 100
58 53.8 38.2 78.2
57 9.3 0.0 39.1

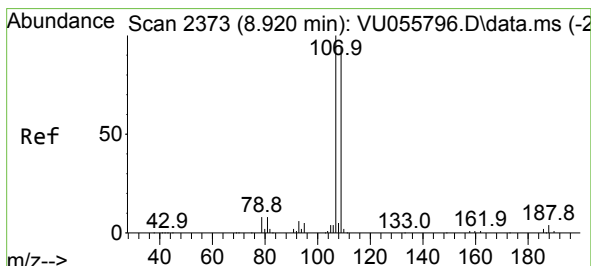
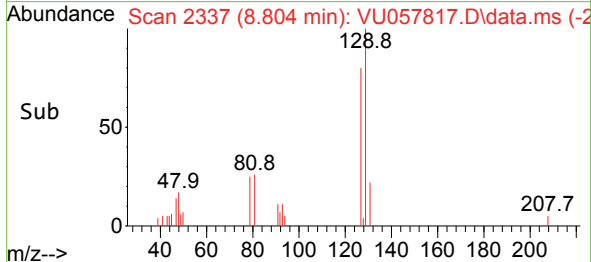
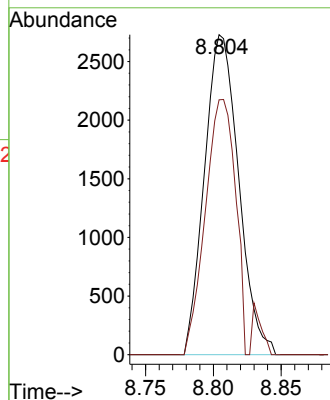
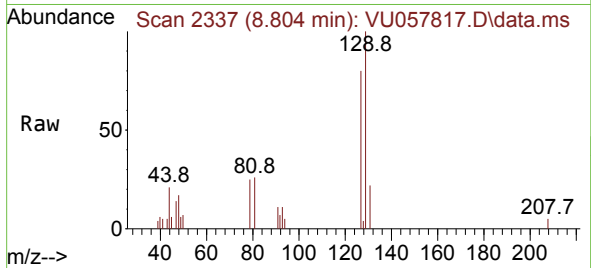




#55
Dibromochloromethane
Concen: 0.475 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

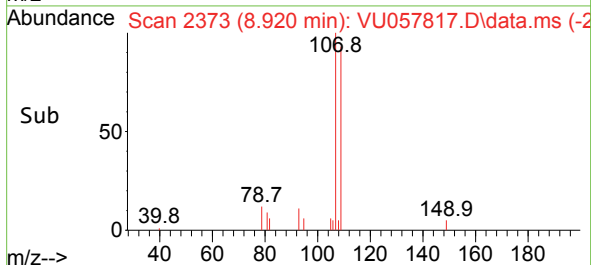
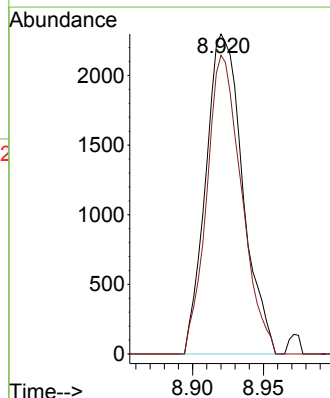
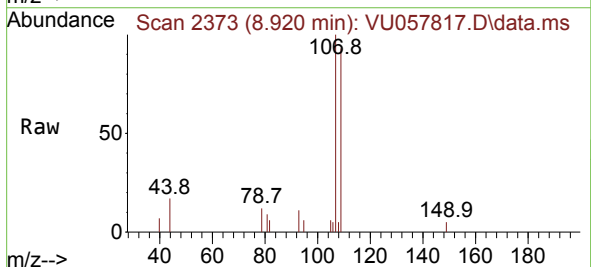
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

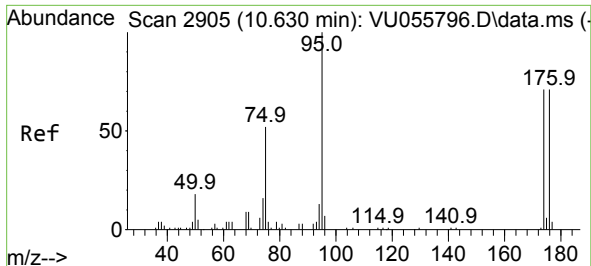
Tgt Ion:129 Resp: 4789
Ion Ratio Lower Upper
129 100
127 69.9 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.527 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion:107 Resp: 4165
Ion Ratio Lower Upper
107 100
109 87.9 0.0 184.4

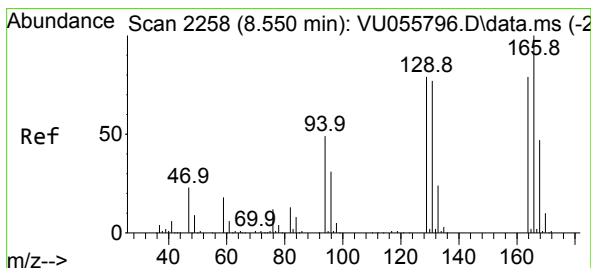
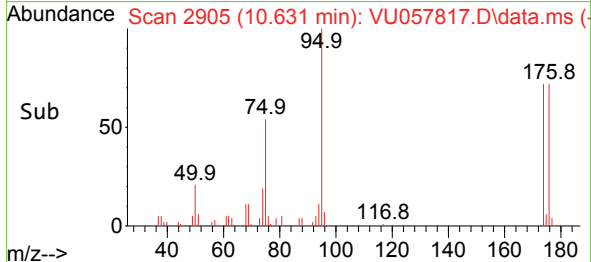
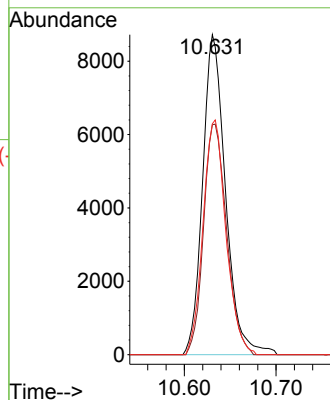
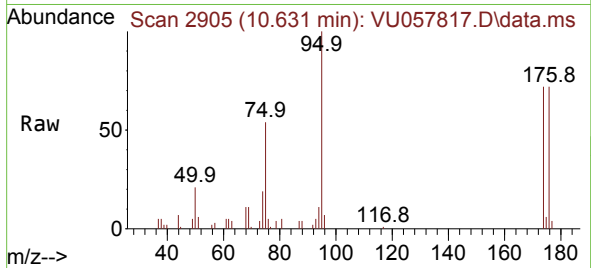




#57
4-Bromofluorobenzene
Concen: 0.911 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

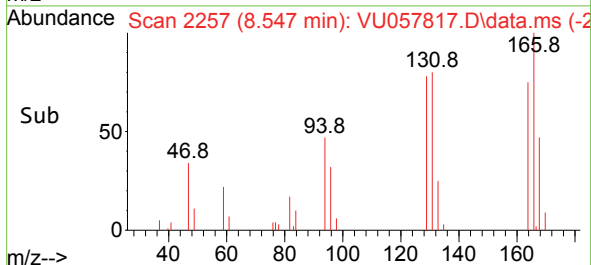
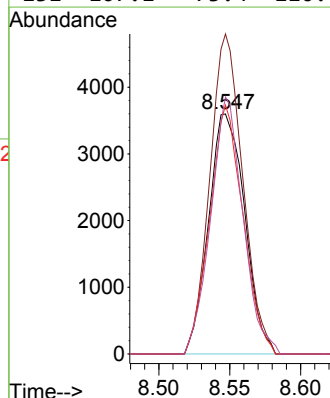
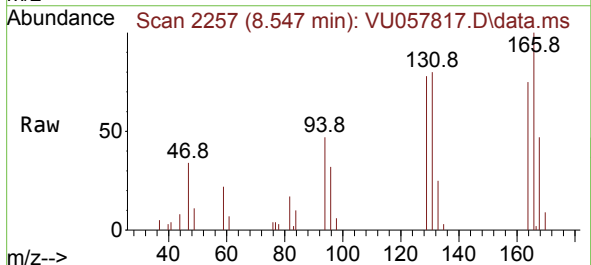
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

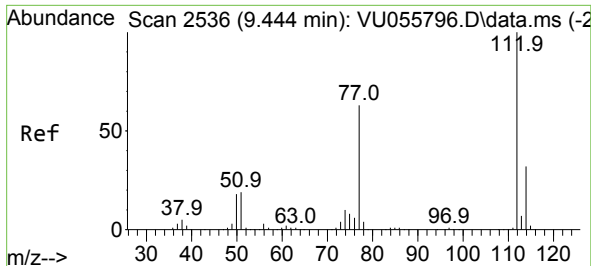
Tgt Ion: 95 Resp: 15136
Ion Ratio Lower Upper
95 100
174 72.3 63.3 94.9
176 73.5 59.3 88.9



#58
Tetrachloroethene
Concen: 0.565 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 164 Resp: 6375
Ion Ratio Lower Upper
164 100
166 133.4 99.6 149.4
129 103.8 78.6 117.8
131 107.1 73.4 110.0

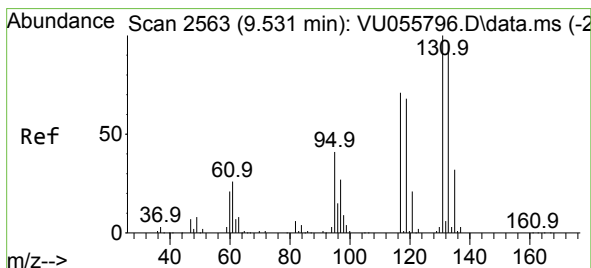
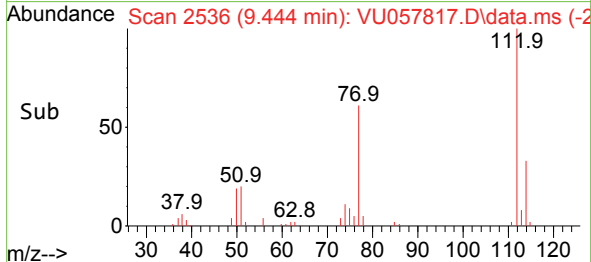
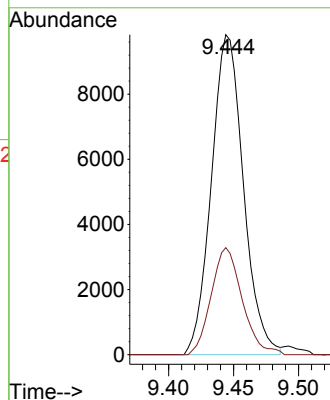
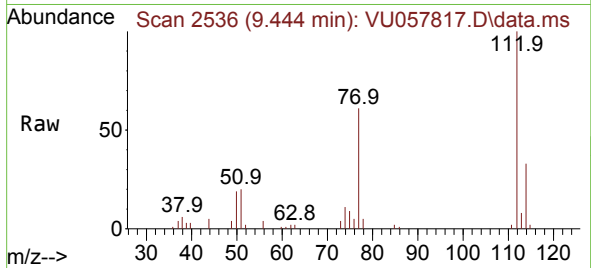




#59
Chlorobenzene
Concen: 0.501 ug/l
RT: 9.444 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

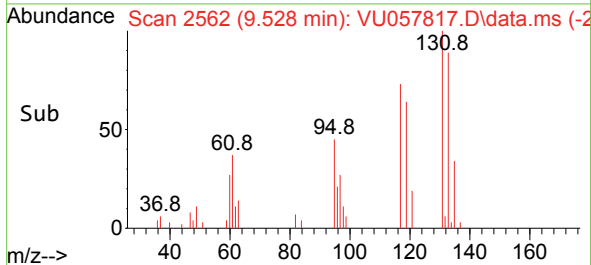
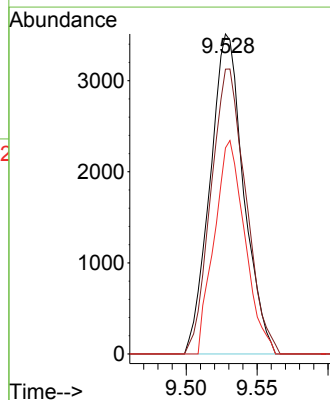
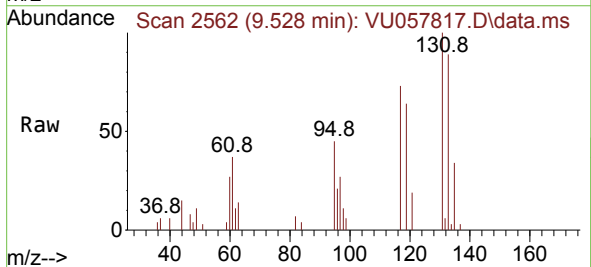
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

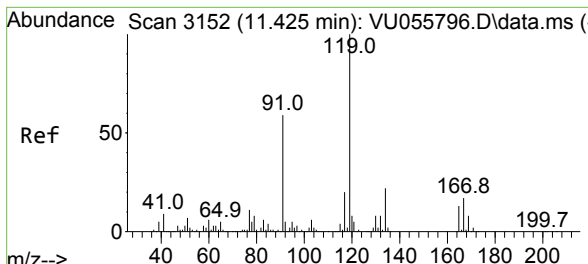
Tgt Ion:112 Resp: 16831
Ion Ratio Lower Upper
112 100
114 33.4 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.503 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion:131 Resp: 5789
Ion Ratio Lower Upper
131 100
133 92.6 77.8 116.6
119 60.9 55.2 82.8

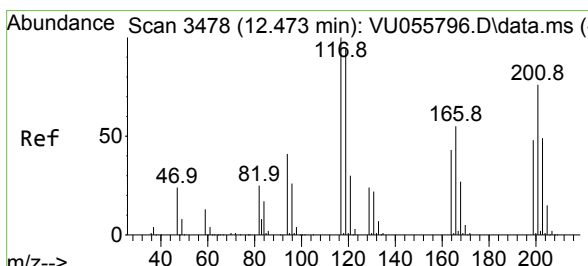
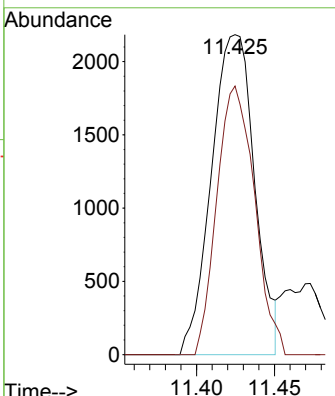
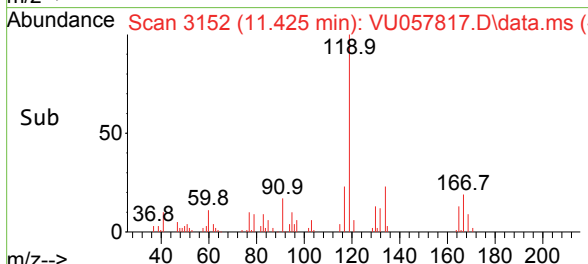
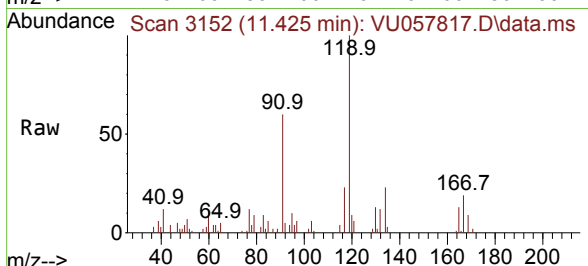




#61
 Pentachloroethane
 Concen: 0.496 ug/l
 RT: 11.425 min Scan# 3152
 Delta R.T. 0.000 min
 Lab File: VU057817.D
 Acq: 06 Feb 2024 12:36

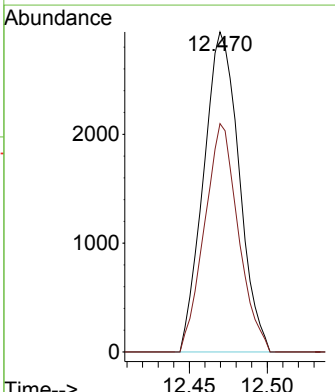
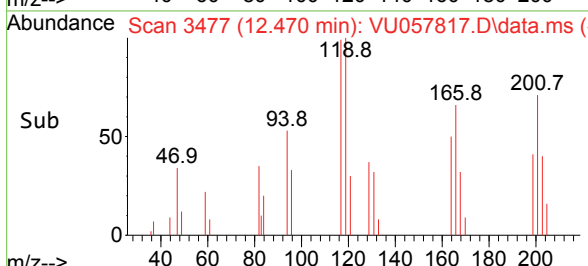
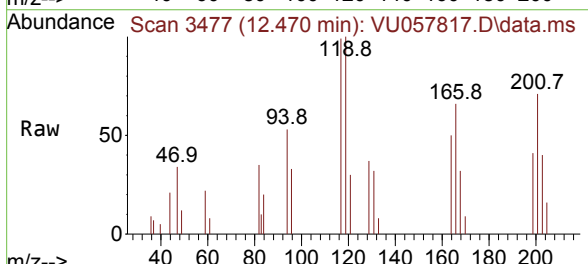
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT1-2024

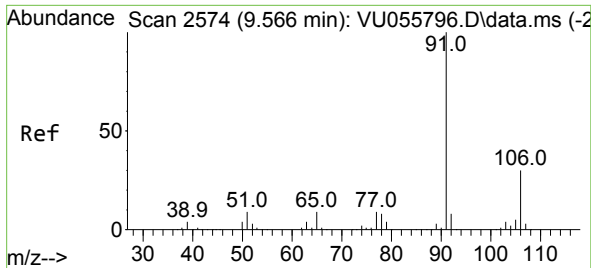
Tgt Ion:	117	Resp:	4211
Ion Ratio	Lower	Upper	
117	100		
167	73.2	56.7	85.1



#62
 Hexachloroethane
 Concen: 0.474 ug/l
 RT: 12.470 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VU057817.D
 Acq: 06 Feb 2024 12:36

Tgt Ion:	117	Resp:	4660
Ion Ratio	Lower	Upper	
117	100		
201	68.0	59.6	89.4

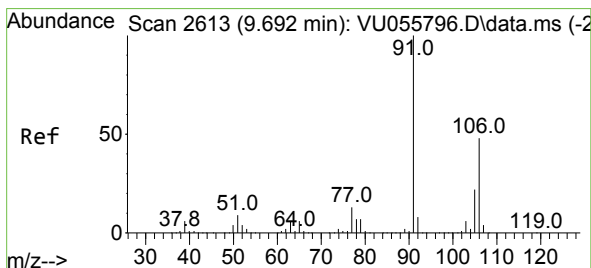
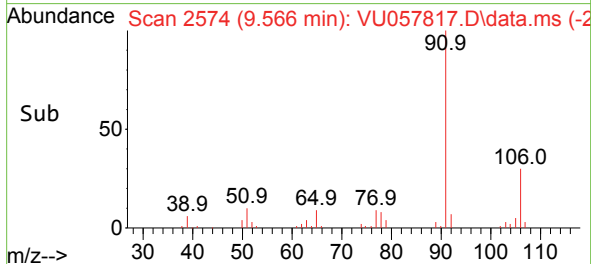
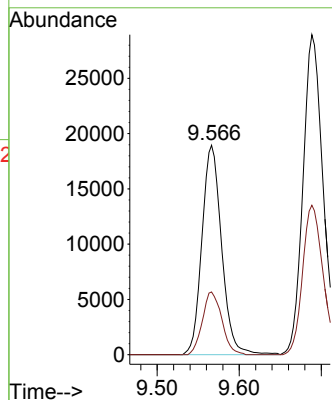
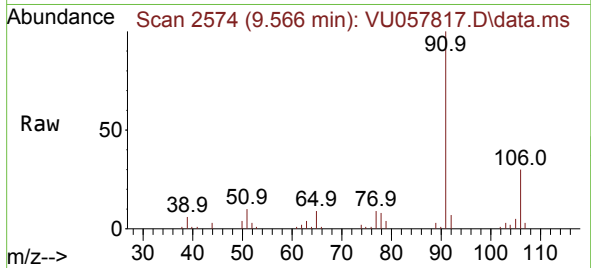




#63
Ethyl Benzene
Concen: 0.523 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

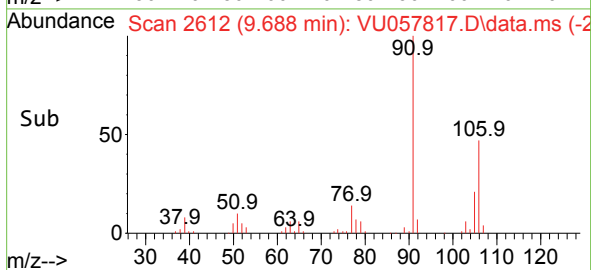
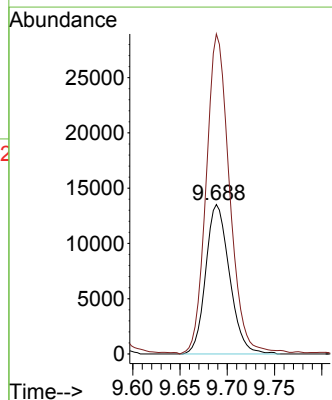
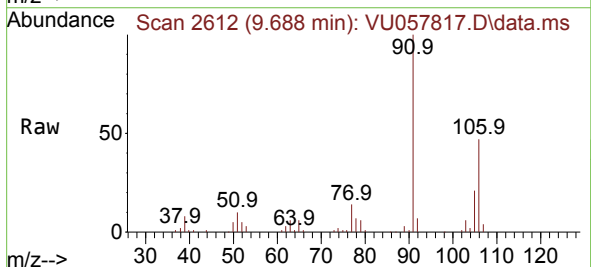
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

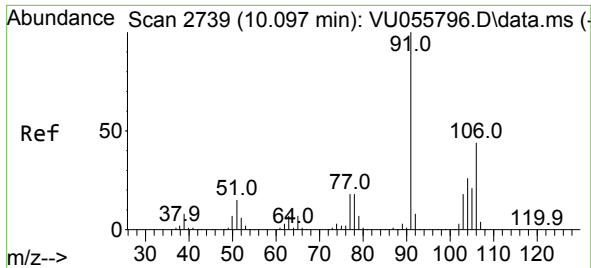
Tgt Ion: 91 Resp: 31595
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#64
m/p-Xylenes
Concen: 1.069 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion:106 Resp: 23681
Ion Ratio Lower Upper
106 100
91 211.0 167.3 250.9

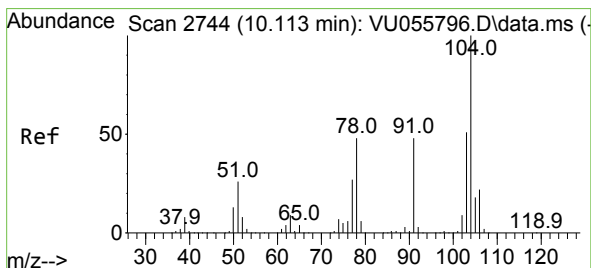
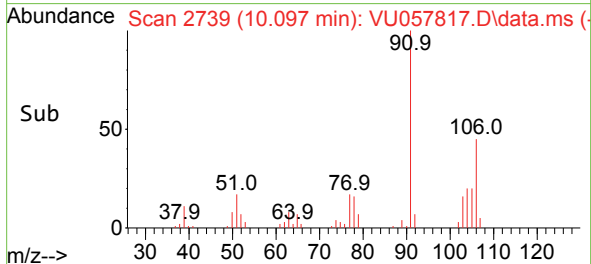
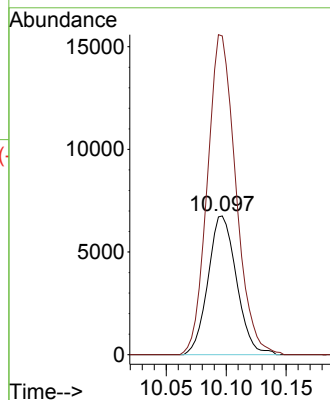
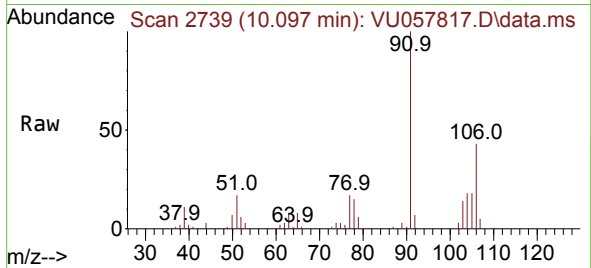




#65
o-Xylene
Concen: 0.508 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

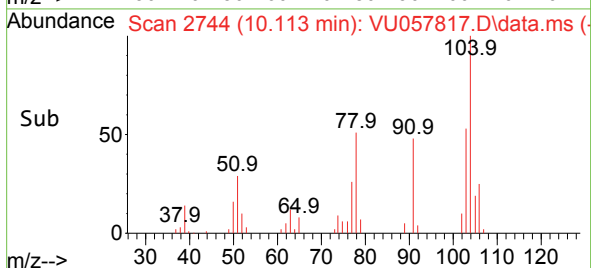
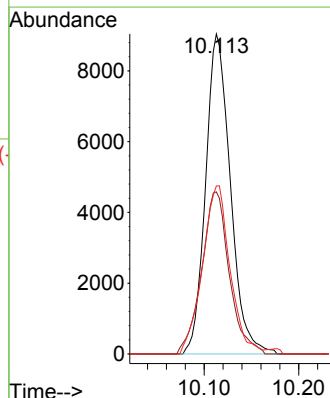
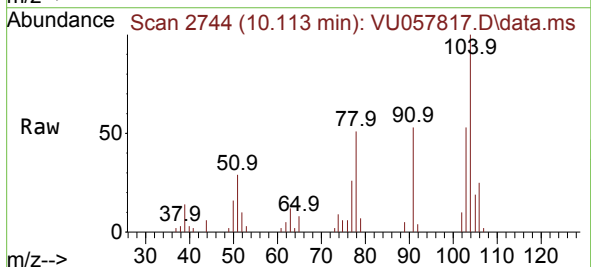
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

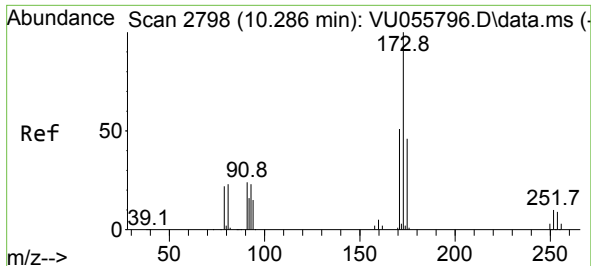
Tgt Ion:106 Resp: 11167
Ion Ratio Lower Upper
106 100
91 230.0 109.3 327.9



#66
Styrene
Concen: 0.484 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion:104 Resp: 16455
Ion Ratio Lower Upper
104 100
78 56.4 39.7 59.5
103 58.5 44.8 67.2

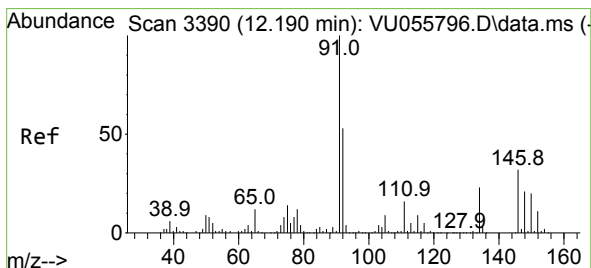
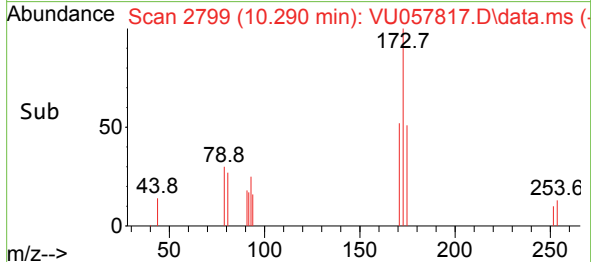
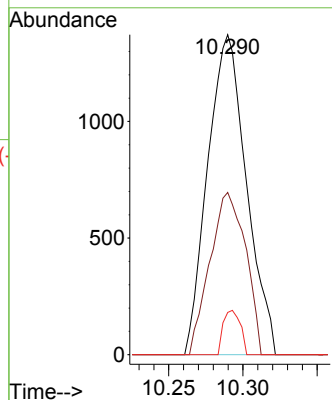
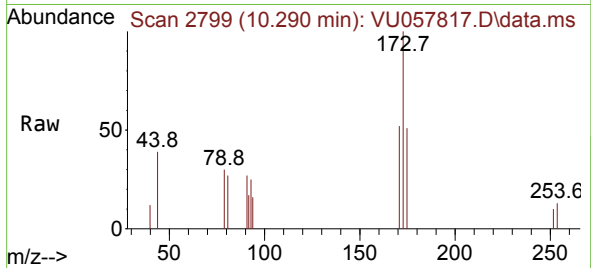




#67
Bromoform
Concen: 0.489 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

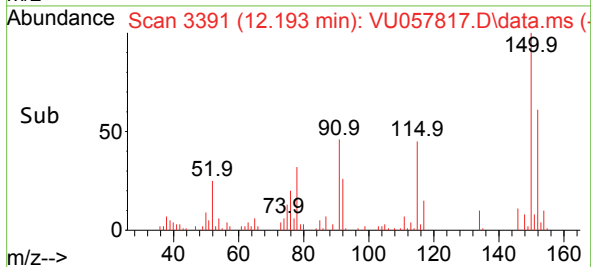
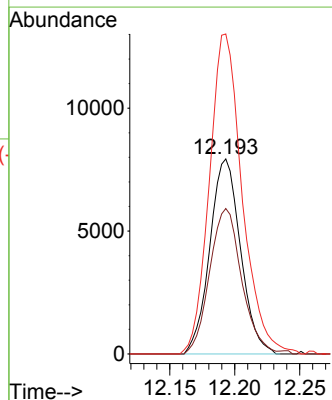
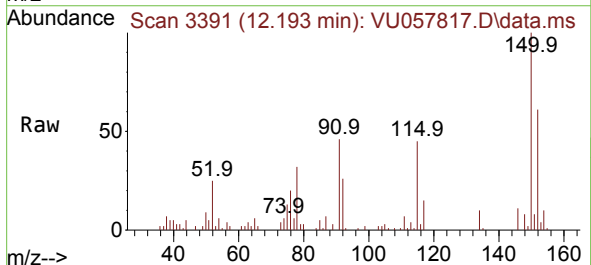
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

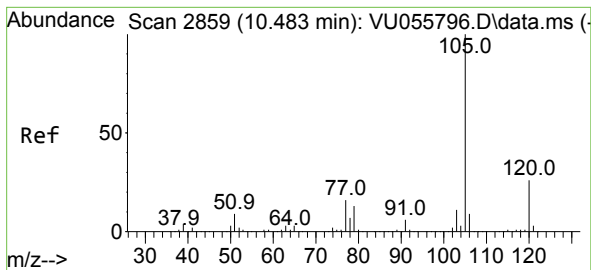
Tgt Ion:173 Resp: 2482
Ion Ratio Lower Upper
173 100
175 46.8 39.0 58.6
254 6.1 7.4 11.0#



#68
1,2-Dichlorobenzene-d4
Concen: 0.888 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion:152 Resp: 13043
Ion Ratio Lower Upper
152 100
115 78.1 0.0 308.8
150 175.1 0.0 635.0





#69

Isopropylbenzene

Concen: 0.487 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

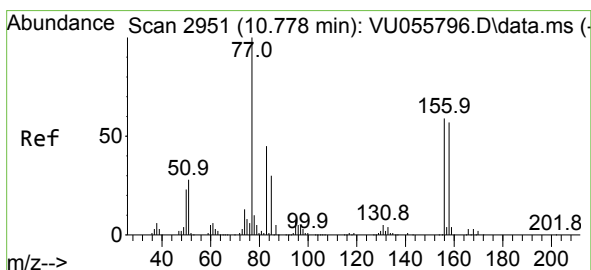
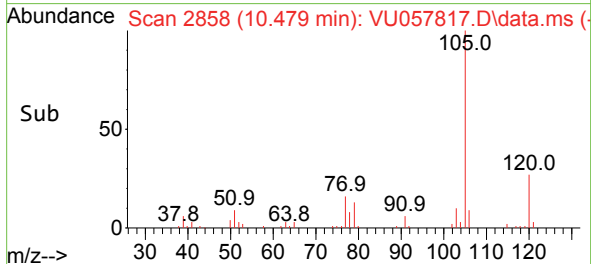
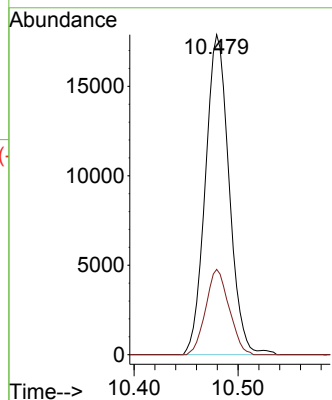
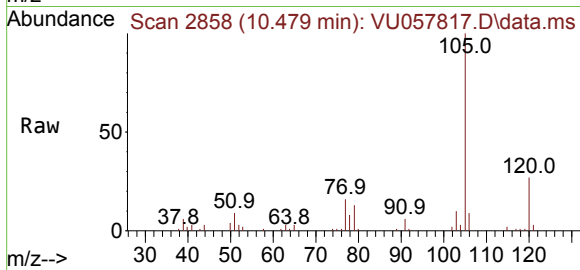
LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 28419

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.517 ug/l

RT: 10.782 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

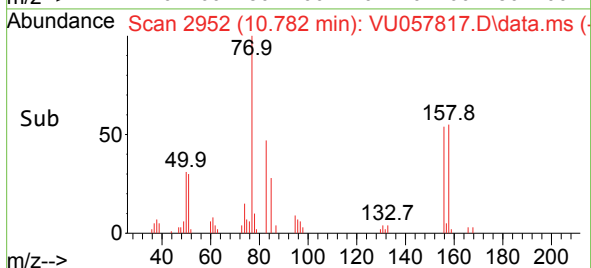
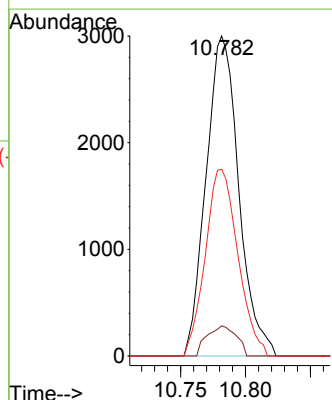
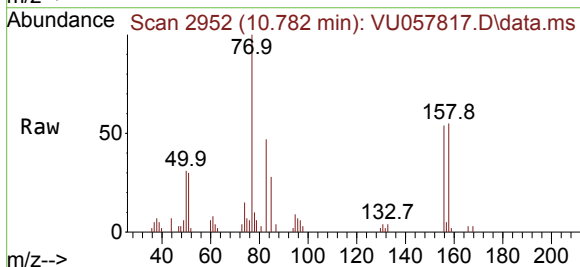
Tgt Ion: 83 Resp: 5255

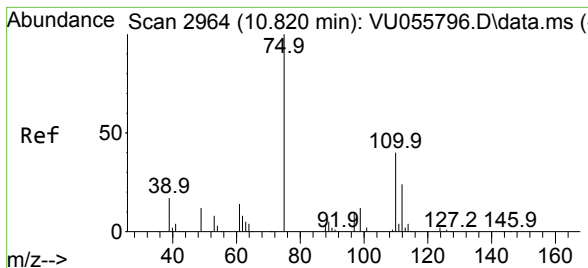
Ion Ratio Lower Upper

83 100

131 8.4 7.2 10.8

85 58.1 50.5 75.7





#71

1,2,3-Trichloropropane

Concen: 0.364 ug/l

RT: 10.823 min Scan# 2965

Delta R.T. -0.010 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 75 Resp: 3272

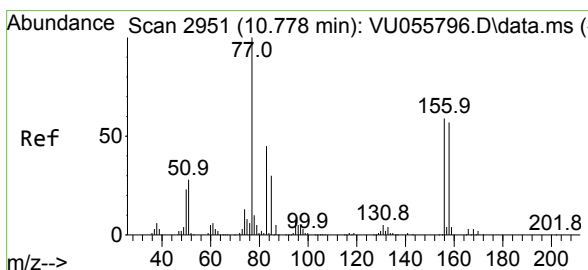
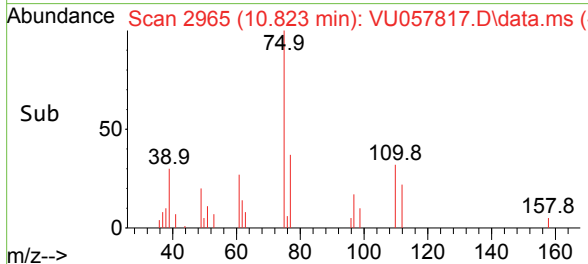
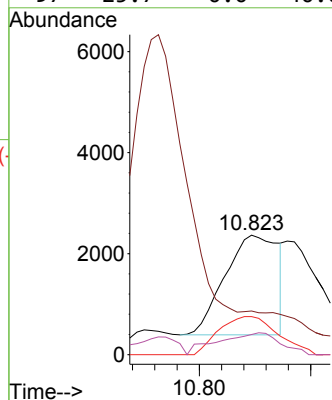
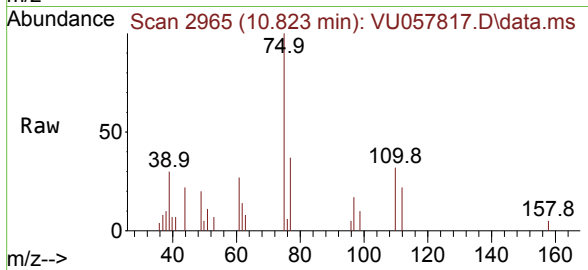
Ion Ratio Lower Upper

75 100

77 0.0 0.0 116.4

110 42.4 0.0 74.6

97 25.7 0.0 40.0



#72

Bromobenzene

Concen: 0.494 ug/l

RT: 10.782 min Scan# 2952

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

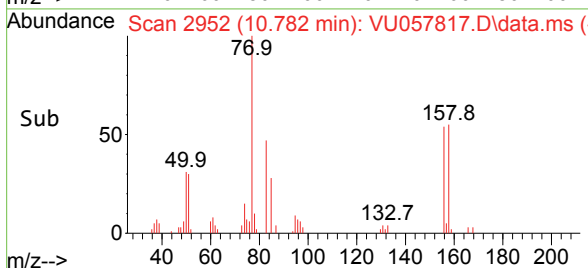
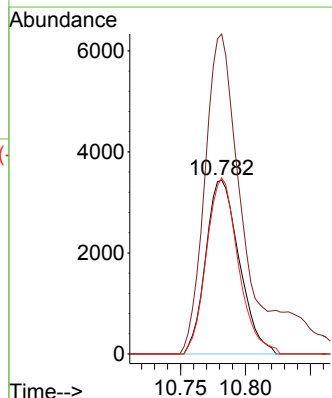
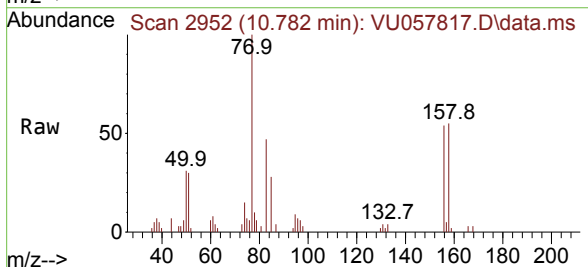
Tgt Ion:156 Resp: 6176

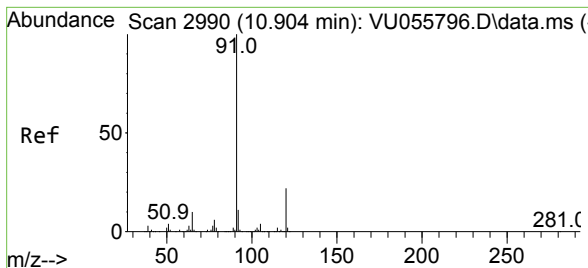
Ion Ratio Lower Upper

156 100

77 218.8 0.0 343.0

158 96.3 0.0 194.8





#73

n-propylbenzene

Concen: 0.580 ug/l

RT: 10.901 min Scan# 2990

Delta R.T. 0.000 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

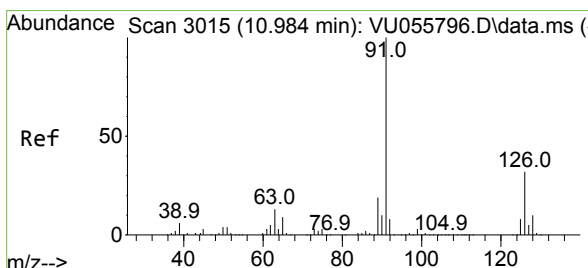
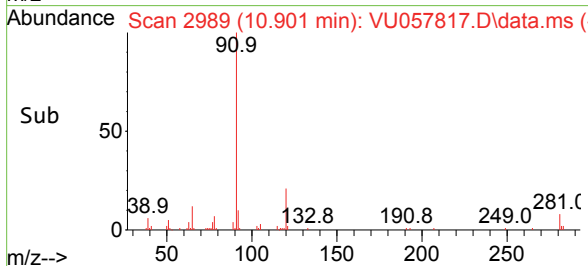
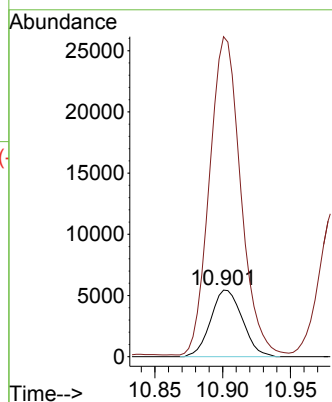
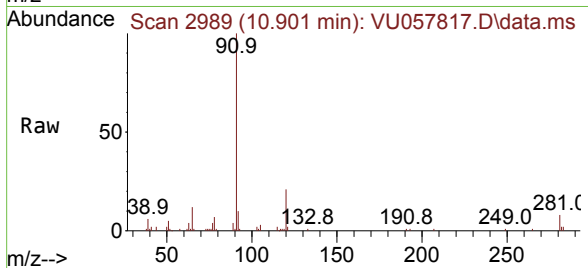
LOQ-WATER-02-QT1-2024

Tgt Ion:120 Resp: 8832

Ion Ratio Lower Upper

120 100

91 471.3 369.8 554.6



#74

2-Chlorotoluene

Concen: 0.488 ug/l

RT: 10.984 min Scan# 3015

Delta R.T. 0.003 min

Lab File: VU057817.D

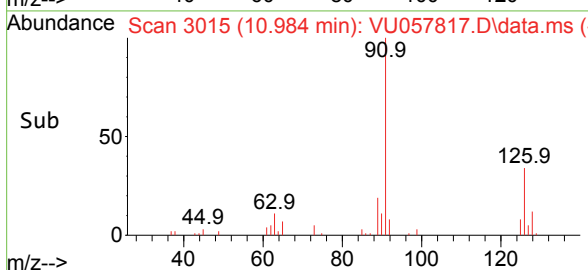
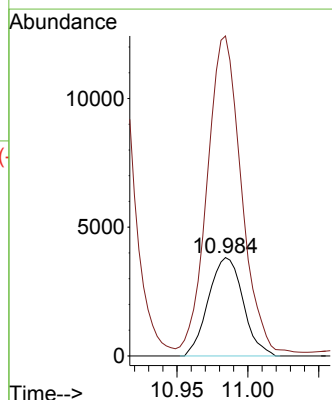
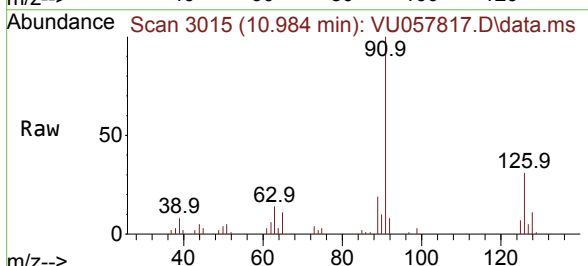
Acq: 06 Feb 2024 12:36

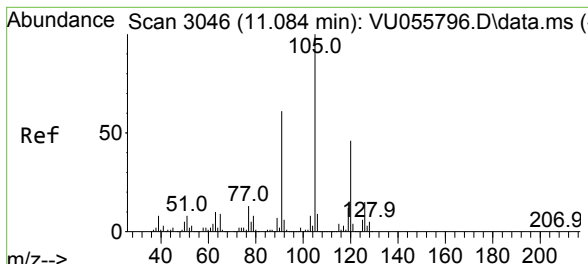
Tgt Ion:126 Resp: 6496

Ion Ratio Lower Upper

126 100

91 318.9 0.0 610.0

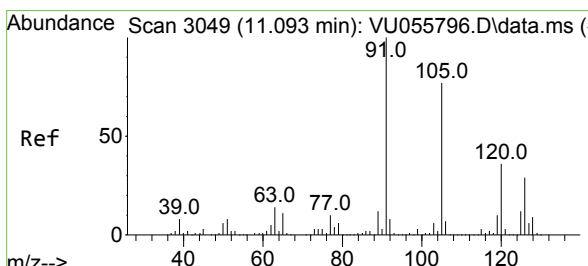
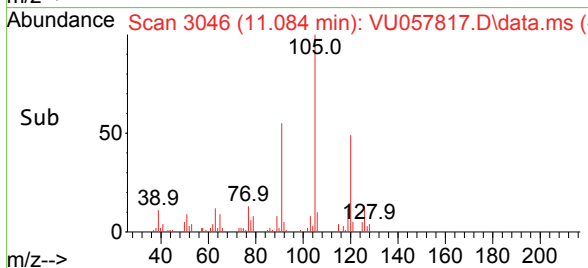
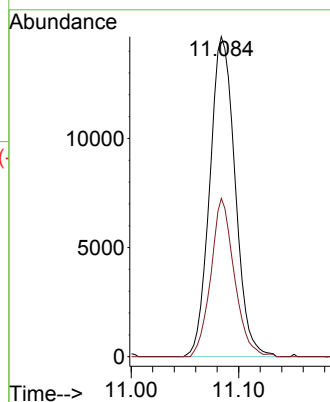
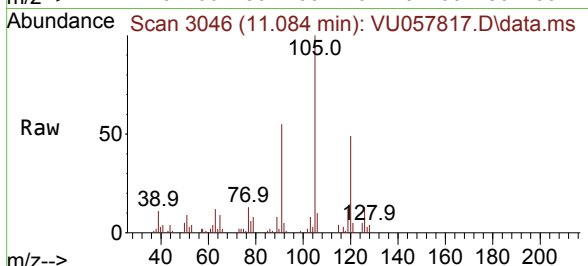




#75
1,3,5-Trimethylbenzene
Concen: 0.486 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

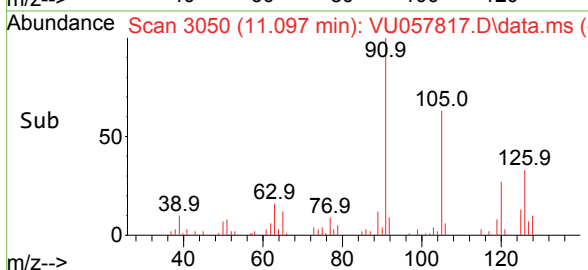
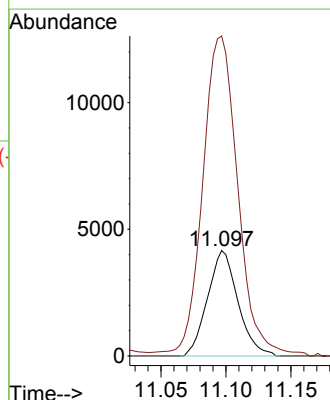
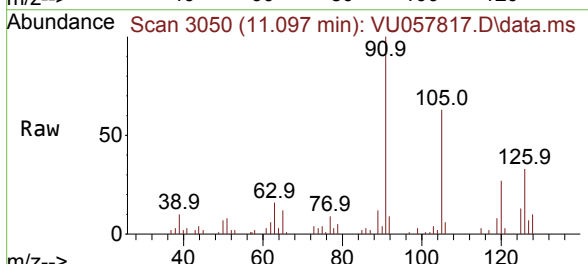
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

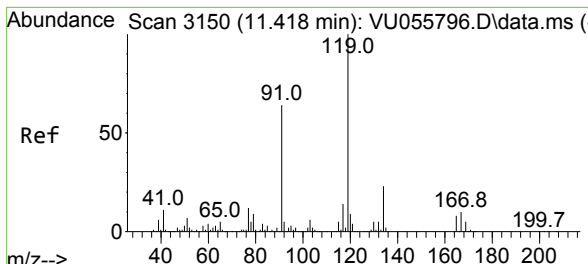
Tgt Ion:105 Resp: 23983
Ion Ratio Lower Upper
105 100
120 45.9 37.8 56.8



#76
4-Chlorotoluene
Concen: 0.505 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion:126 Resp: 6772
Ion Ratio Lower Upper
126 100
91 350.1 0.0 686.2

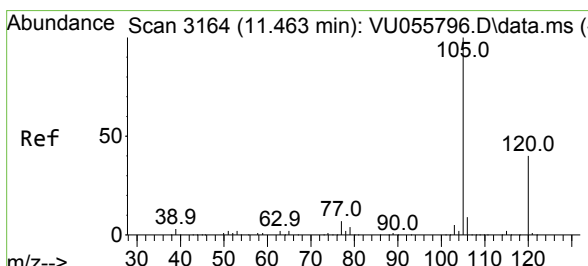
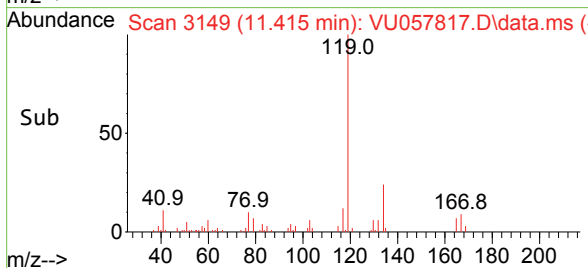
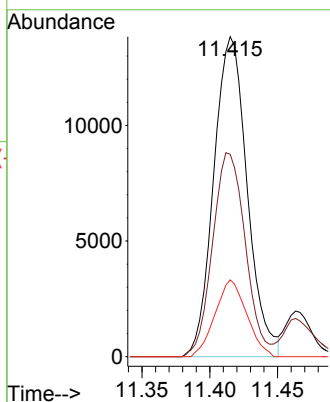
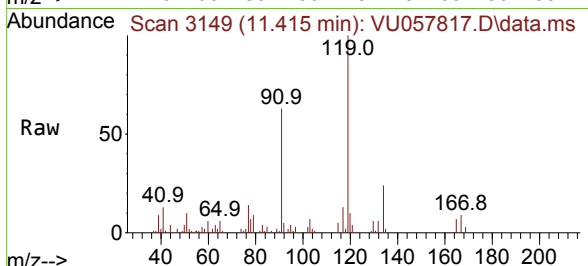




#77
 tert-Butylbenzene
 Concen: 0.500 ug/l
 RT: 11.415 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU057817.D
 Acq: 06 Feb 2024 12:36

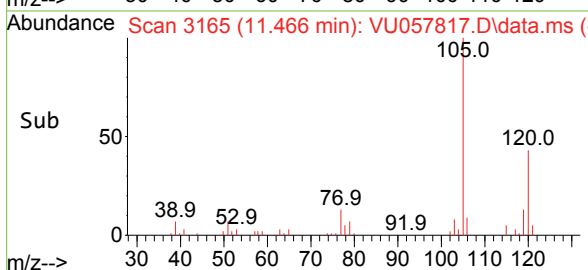
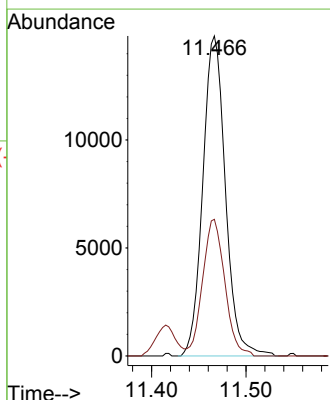
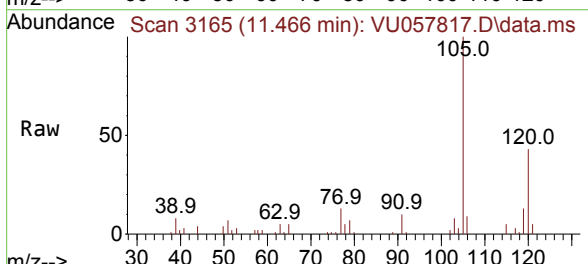
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT1-2024

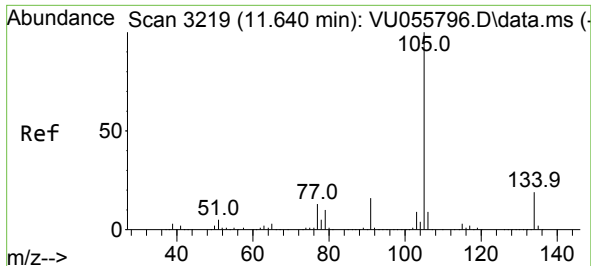
Tgt Ion:	119	Resp:	23795
Ion Ratio	Lower	Upper	
119	100		
91	62.1	30.8	92.4
134	22.7	18.0	27.0



#78
 1,2,4-Trimethylbenzene
 Concen: 0.494 ug/l
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU057817.D
 Acq: 06 Feb 2024 12:36

Tgt Ion:	105	Resp:	24645
Ion Ratio	Lower	Upper	
105	100		
120	42.1	21.9	65.8

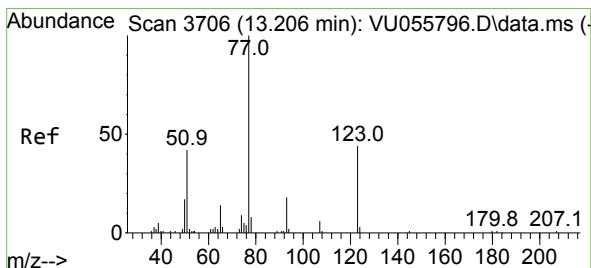
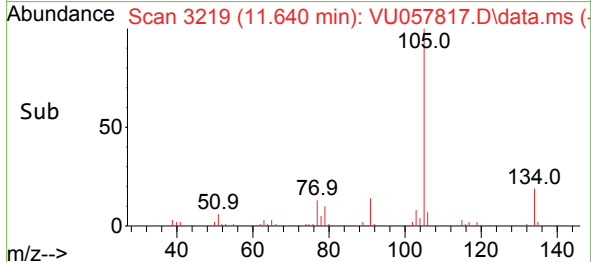
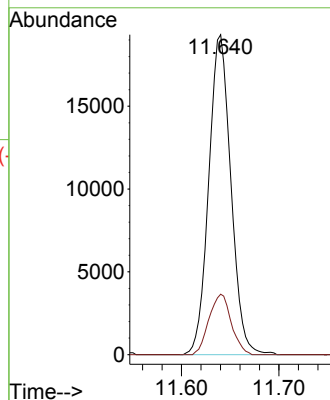
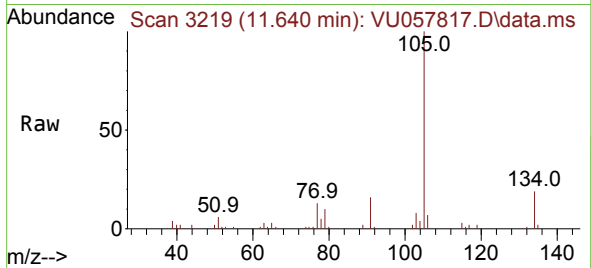




#79
 sec-Butylbenzene
 Concen: 0.486 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057817.D
 Acq: 06 Feb 2024 12:36

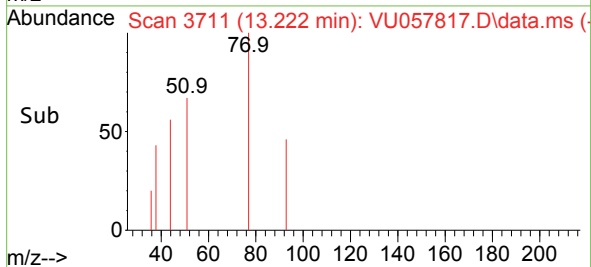
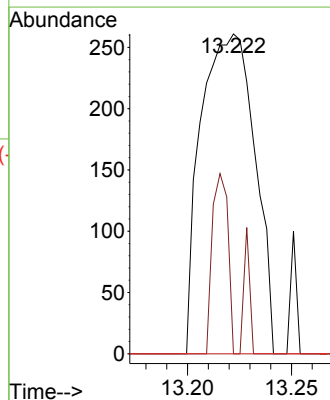
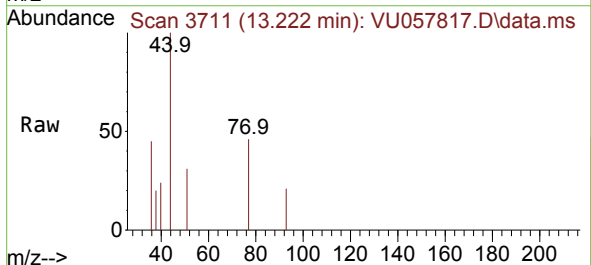
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

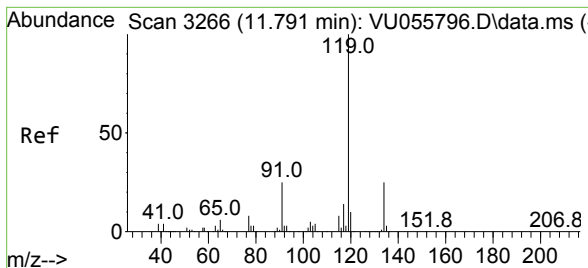
Tgt Ion:105 Resp: 30496
 Ion Ratio Lower Upper
 105 100
 134 19.0 14.9 22.3



#80
 Nitrobenzene
 Concen: 1.686 ug/l
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.016 min
 Lab File: VU057817.D
 Acq: 06 Feb 2024 12:36

Tgt Ion: 77 Resp: 470
 Ion Ratio Lower Upper
 77 100
 123 4.3 19.7 69.7#
 65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.468 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

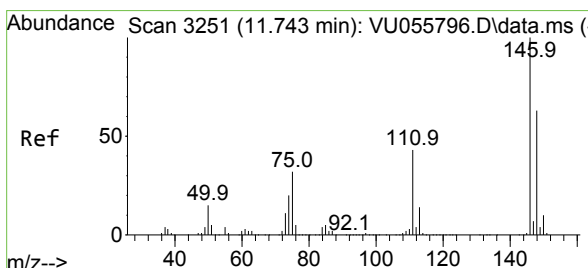
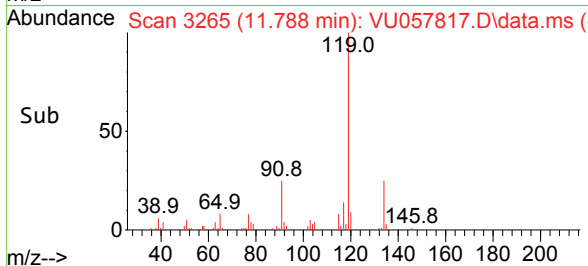
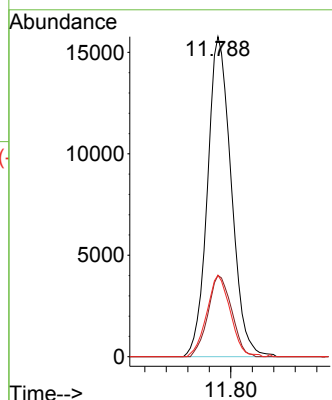
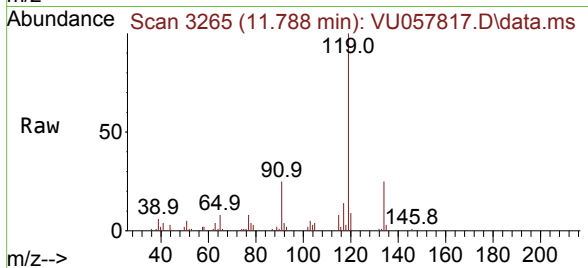
Tgt Ion:119 Resp: 24151

Ion Ratio Lower Upper

119 100

134 25.3 20.2 30.4

91 25.2 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.508 ug/l

RT: 11.746 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

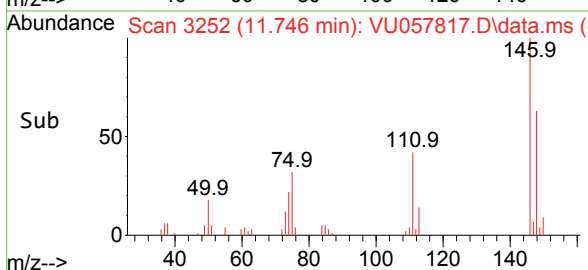
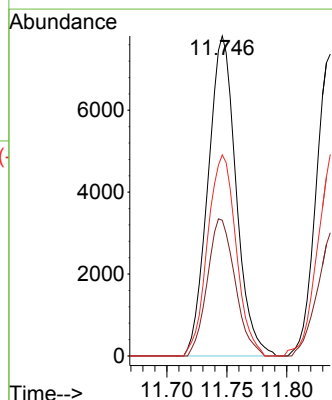
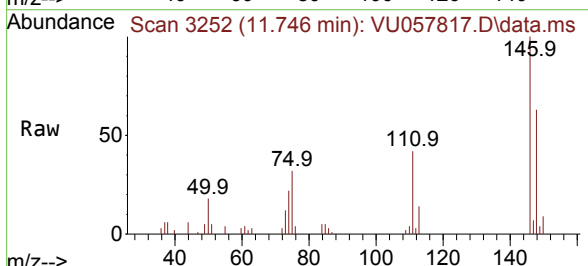
Tgt Ion:146 Resp: 12707

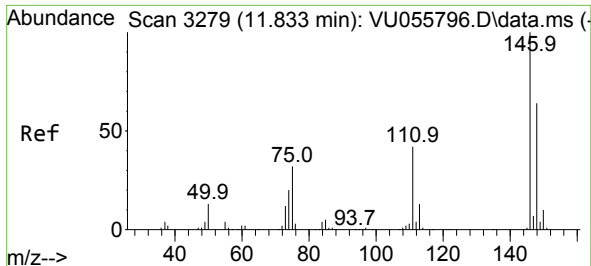
Ion Ratio Lower Upper

146 100

111 42.4 32.6 49.0

148 64.0 51.0 76.4

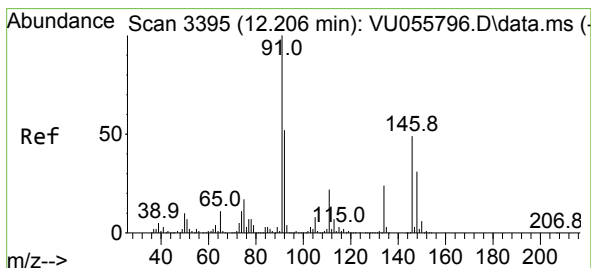
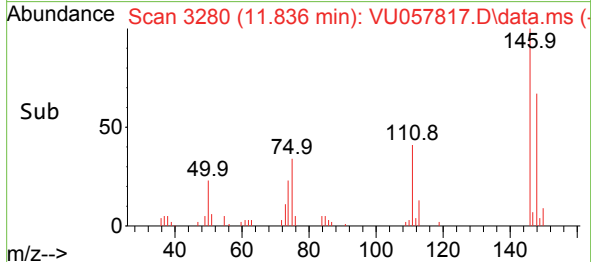
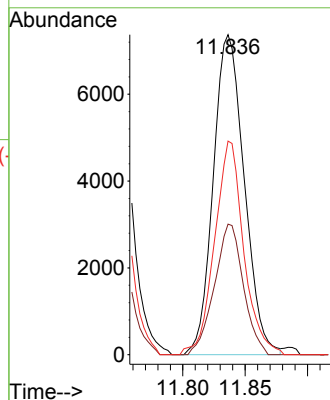
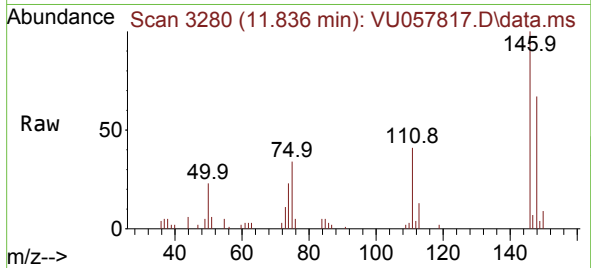




#83
1,4-Dichlorobenzene
Concen: 0.515 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

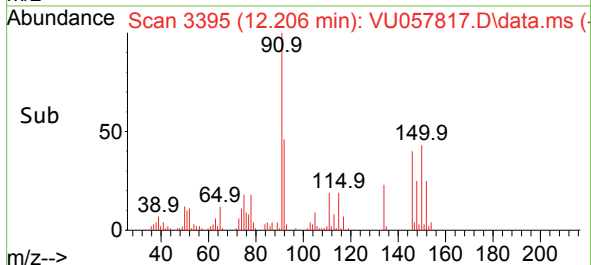
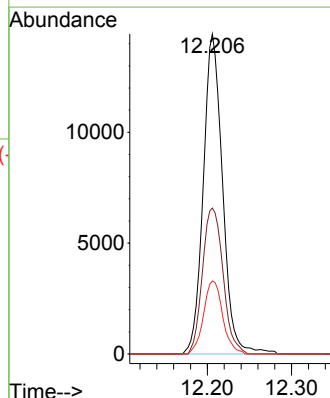
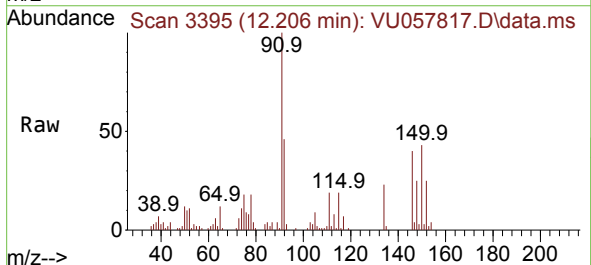
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

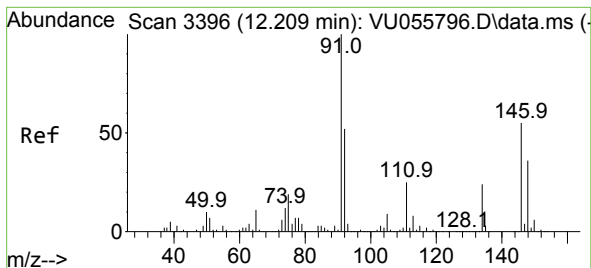
Tgt Ion:146 Resp: 12751
Ion Ratio Lower Upper
146 100
111 38.1 31.6 47.4
148 62.7 50.3 75.5



#84
n-Butylbenzene
Concen: 0.468 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion: 91 Resp: 23047
Ion Ratio Lower Upper
91 100
92 48.6 40.8 61.2
134 22.6 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 0.495 ug/l

RT: 12.212 min Scan# 3397

Delta R.T. 0.000 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

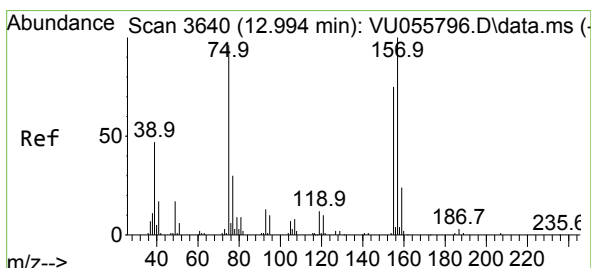
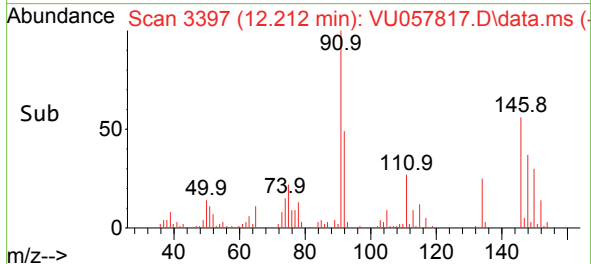
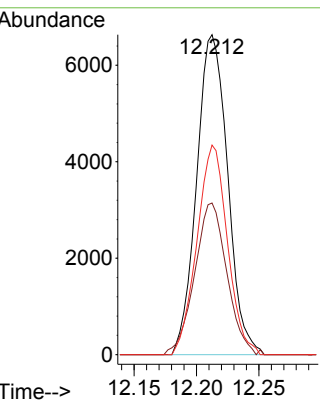
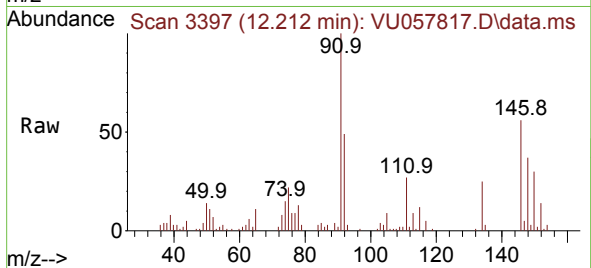
Tgt Ion:146 Resp: 11489

Ion Ratio Lower Upper

146 100

111 49.2 21.6 64.6

148 64.4 32.1 96.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.377 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

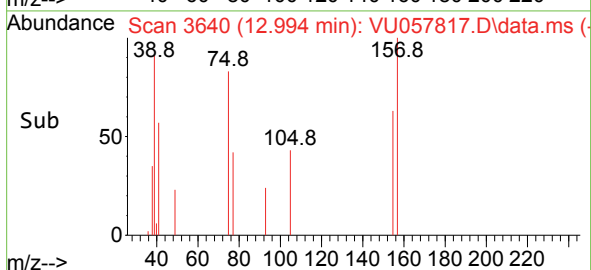
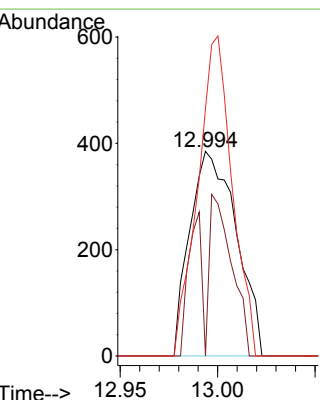
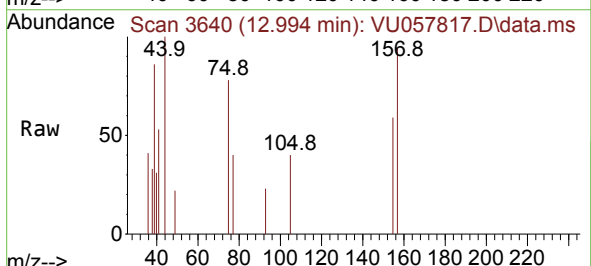
Tgt Ion: 75 Resp: 640

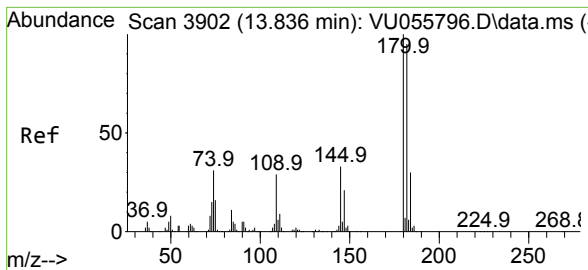
Ion Ratio Lower Upper

75 100

155 20.0 61.8 92.8#

157 0.0 80.2 120.4#





#87

1,2,4-Trichlorobenzene

Concen: 0.471 ug/l

RT: 13.839 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

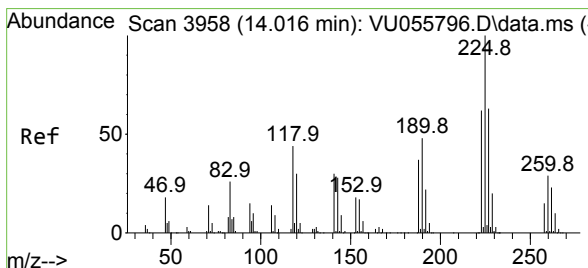
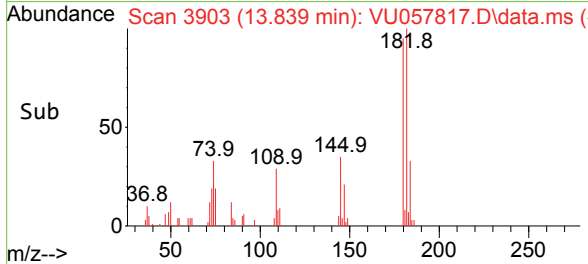
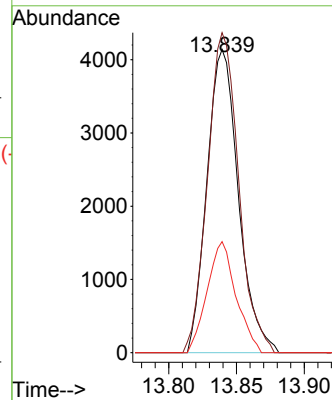
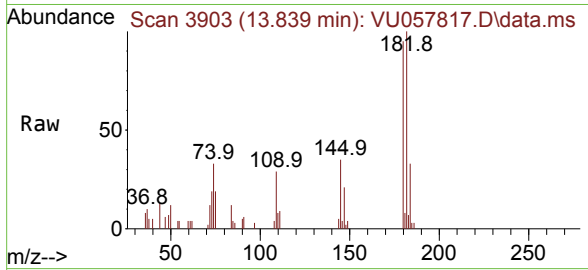
Tgt Ion:180 Resp: 6683

Ion Ratio Lower Upper

180 100

182 104.1 75.8 113.6

145 33.6 23.9 35.9



#88

Hexachlorobutadiene

Concen: 0.477 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU057817.D

Acq: 06 Feb 2024 12:36

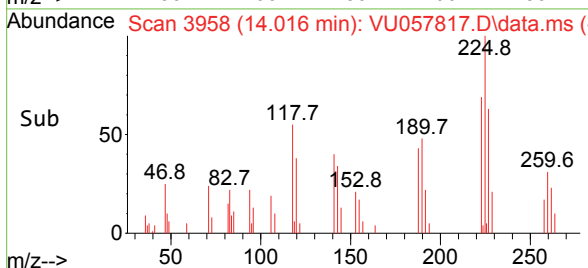
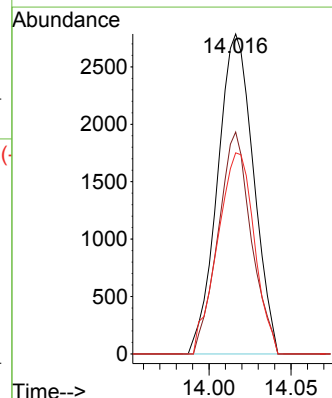
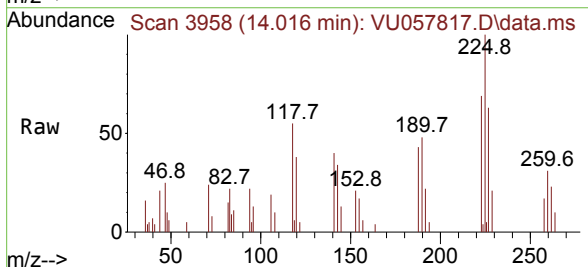
Tgt Ion:225 Resp: 4234

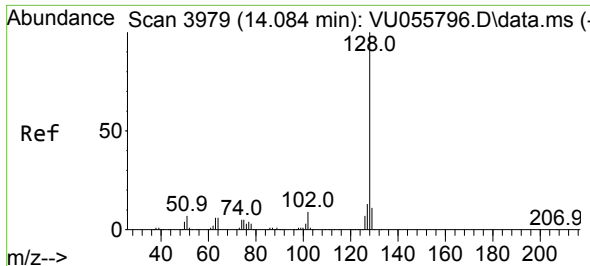
Ion Ratio Lower Upper

225 100

223 64.3 50.2 75.4

227 64.3 51.5 77.3

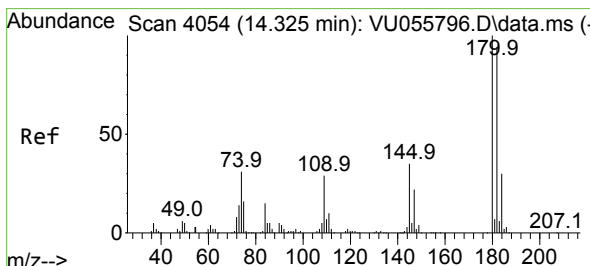
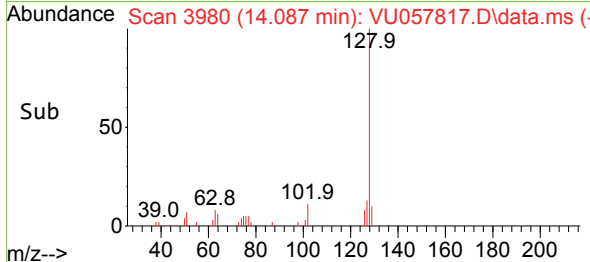
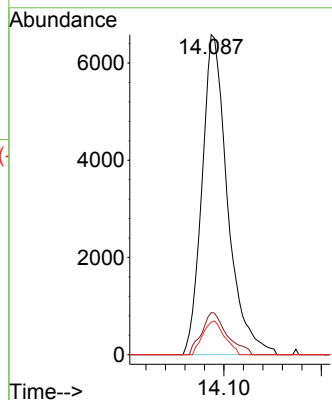
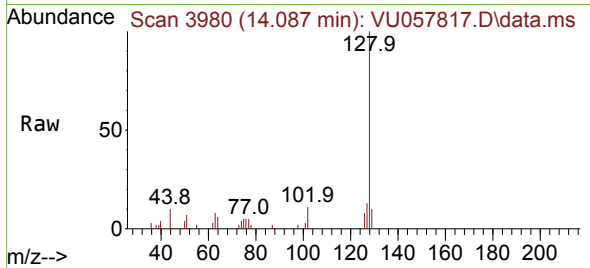




#89
Naphthalene
Concen: 0.484 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:128	Resp:	12009
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.9 16.3
129	9.0	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.538 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU057817.D
Acq: 06 Feb 2024 12:36

Tgt Ion:180	Resp:	6548
Ion Ratio	Lower	Upper
180	100	
182	86.7	75.7 113.5
145	30.7	26.1 39.1

