

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057794.D
 Acq On : 02 Feb 2024 14:41
 Operator : MD/SY
 Sample : P1187-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 05 02:33:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Feb 05 02:31:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	42402	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14296	0.890	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13060	0.903	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	6156	0.436	ug/l	99
3) Chloromethane	1.519	50	6462	0.477	ug/l	96
4) Vinyl Chloride	1.602	62	6452	0.467	ug/l	93
5) Bromomethane	1.856	94	4325	0.528	ug/l	89
6) Chloroethane	1.930	64	4079	0.467	ug/l	96
7) Trichlorofluoromethane	2.133	101	8802	0.416	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	4324	0.398	ug/l	95
9) 1,1-Dichloroethene	2.573	96	4474	0.425	ug/l	90
10) Iodomethane	2.718	142	4563	0.365	ug/l	89
11) Allyl Chloride	2.920	41	6430	0.450	ug/l	89
12) Acrylonitrile	3.338	53	403	0.224	ug/l	# 24
13) Acetone	2.650	43	8079	2.482	ug/l	91
14) Carbon Disulfide	2.789	76	14338	0.425	ug/l	99
15) Methylene Chloride	3.043	84	6137	0.488	ug/l	98
16) trans-1,2-Dichloroethene	3.351	96	4936	0.429	ug/l	93
17) 1,1-Dichloroethane	3.859	63	9611	0.442	ug/l	97
18) 2-Butanone	4.753	43	4902	1.397	ug/l	97
19) Cyclohexane	5.383	56	7383	0.434	ug/l	90
20) Methylcyclohexane	6.756	83	8421	0.409	ug/l	95
21) 2,2-Dichloropropane	4.653	77	8344	0.433	ug/l	91
22) cis-1,2-Dichloroethene	4.670	96	5585	0.443	ug/l	98
23) Diethyl Ether	2.371	59	3253	0.428	ug/l	88
24) tert-Butyl Alcohol	3.213	59	42	0.049	ug/l	# 1
25) Methyl tert-Butyl Ether	3.358	73	10879	0.440	ug/l	# 86
26) Bromochloromethane	4.972	128	2032	0.401	ug/l	91
27) Chloroform	5.081	83	10129	0.449	ug/l	91
28) 1,1,1-Trichloroethane	5.309	97	8665	0.425	ug/l	97
29) 1,1-Dichloropropene	5.525	75	7063	0.428	ug/l	98
30) Carbon Tetrachloride	5.518	117	7225	0.411	ug/l	99
31) Isopropyl Ether	3.988	45	13613	0.428	ug/l	95
32) Ethyl-t-butyl ether	4.496	59	12396	0.420	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	9733	0.392	ug/l	94
34) Propionitrile	4.834	54	582	0.800	ug/l	# 5
35) Benzene	5.772	78	21042	0.443	ug/l	99
36) 1,2-Dichloroethane	5.795	62	5871	0.424	ug/l	# 92
37) Trichloroethene	6.538	130	5595	0.444	ug/l	100
38) 1,2-Dichloropropane	6.785	63	5246	0.426	ug/l	95
39) Methacrylonitrile	4.997	41	675	0.233	ug/l	# 87
40) Methyl acrylate	4.837	55	44	0.010	ug/l	# 1
41) Tetrahydrofuran	5.075	42	1251	0.809	ug/l	# 59
42) 1-Chlorobutane	5.457	56	9206	0.423	ug/l	88
43) Dibromomethane	6.917	93	2317	0.409	ug/l	95
44) Bromodichloromethane	7.104	83	6495	0.410	ug/l	99

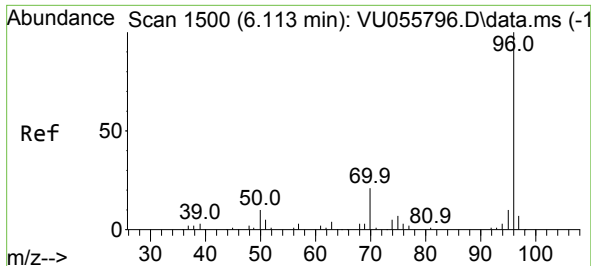
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	11891	1.970	ug/l	98
46) t-1,4-Dichloro-2-butene	10.820	75	4162	3.035	ug/l #	35
47) Methyl methacrylate	6.965	69	3724	0.744	ug/l #	87
48) Ethyl methacrylate	8.338	69	3408	0.340	ug/l	76
49) Toluene	7.965	92	12141	0.418	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	5440	0.397	ug/l	91
51) cis-1,3-Dichloropropene	7.605	75	6533	0.377	ug/l #	83
52) 1,1,2-Trichloroethane	8.399	97	3197	0.410	ug/l	96
53) 1,3-Dichloropropane	8.573	76	6046	0.431	ug/l	97
54) 2-Hexanone	8.692	43	10734	1.932	ug/l	96
55) Dibromochloromethane	8.808	129	3778	0.391	ug/l	99
56) 1,2-Dibromoethane	8.920	107	2989	0.416	ug/l	94
58) Tetrachloroethene	8.550	164	4629	0.416	ug/l	87
59) Chlorobenzene	9.447	112	13444	0.419	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	4476	0.411	ug/l	95
61) Pentachloroethane	11.418	117	2838	0.358	ug/l	95
62) Hexachloroethane	12.470	117	2860	0.331	ug/l	97
63) Ethyl Benzene	9.570	91	23355	0.409	ug/l	99
64) m/p-Xylenes	9.692	106	16789	0.810	ug/l	99
65) o-Xylene	10.097	106	8296	0.404	ug/l	96
66) Styrene	10.116	104	11428	0.373	ug/l	92
67) Bromoform	10.287	173	1789	0.360	ug/l #	92
69) Isopropylbenzene	10.480	105	21990	0.409	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.779	83	3458	0.354	ug/l	86
71) 1,2,3-Trichloropropane	10.820	75	4162	0.515	ug/l #	50
72) Bromobenzene	10.782	156	4727	0.399	ug/l	81
73) n-propylbenzene	10.904	120	6033	0.447	ug/l	96
74) 2-Chlorotoluene	10.984	126	4869	0.388	ug/l	89
75) 1,3,5-Trimethylbenzene	11.084	105	18496	0.400	ug/l	100
76) 4-Chlorotoluene	11.097	126	5150	0.409	ug/l	94
77) tert-Butylbenzene	11.415	119	17927	0.414	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	19858	0.424	ug/l	94
79) sec-Butylbenzene	11.640	105	24030	0.434	ug/l	100
80) Nitrobenzene	13.235	77	309	1.612	ug/l #	40
81) p-Isopropyltoluene	11.788	119	19483	0.417	ug/l	96
82) 1,3-Dichlorobenzene	11.746	146	10723	0.448	ug/l	95
83) 1,4-Dichlorobenzene	11.836	146	10278	0.440	ug/l	96
84) n-Butylbenzene	12.206	91	21130	0.473	ug/l	96
85) 1,2-Dichlorobenzene	12.213	146	9872	0.455	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.000	75	544	0.406	ug/l #	83
87) 1,2,4-Trichlorobenzene	13.840	180	7607	0.587	ug/l	96
88) Hexachlorobutadiene	14.016	225	4207	0.506	ug/l	96
89) Naphthalene	14.090	128	12202	0.609	ug/l	96
90) 1,2,3-Trichlorobenzene	14.328	180	6286	0.583	ug/l	99

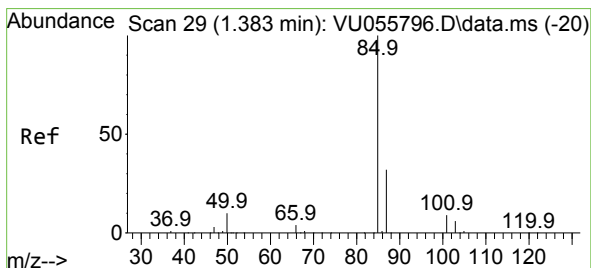
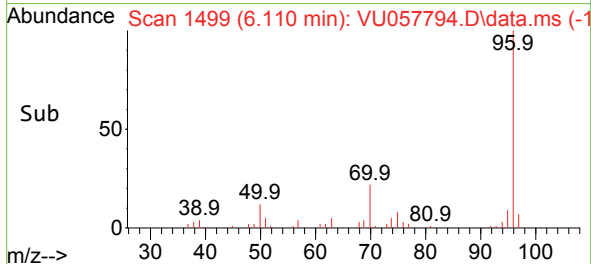
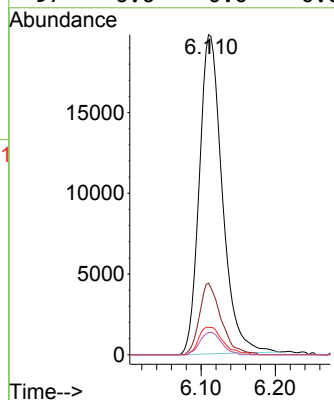
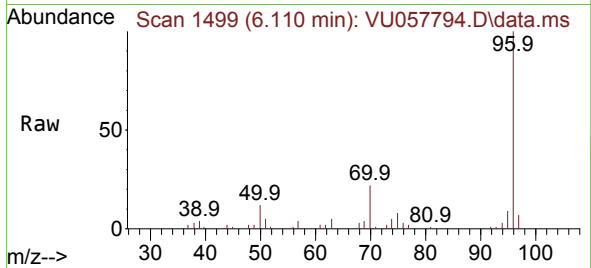
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
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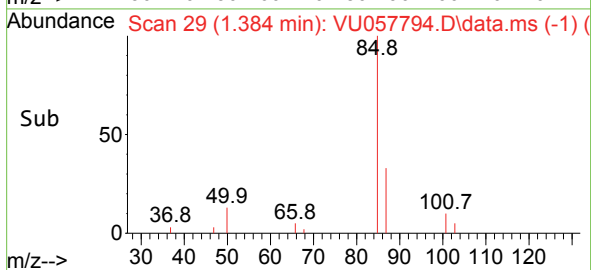
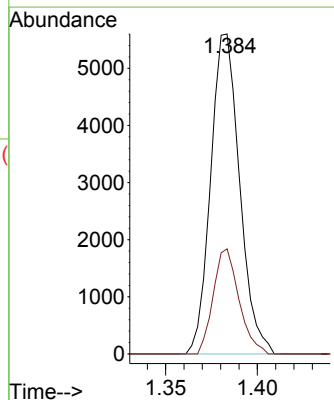
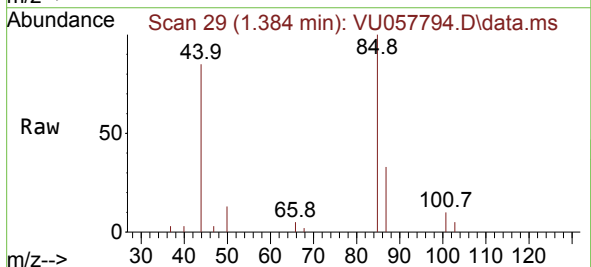
Instrument :
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ClientSampleId :
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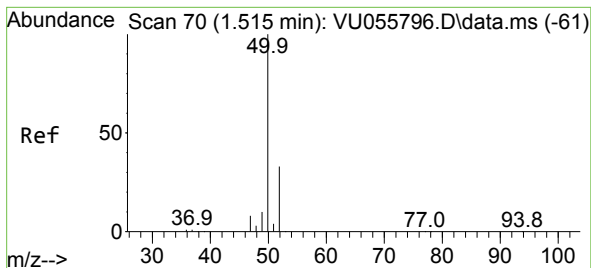
Tgt Ion: 96	Resp: 42402
Ion Ratio	Lower Upper
96 100	
70 21.1	16.5 24.7
95 9.1	7.4 11.0
97 6.6	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.436 ug/l
RT: 1.384 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 85	Resp: 6156
Ion Ratio	Lower Upper
85 100	
87 32.8	16.2 48.6





#3

Chloromethane

Concen: 0.477 ug/l

RT: 1.519 min Scan# 70

Delta R.T. 0.004 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

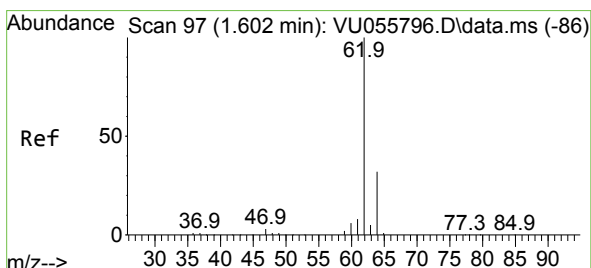
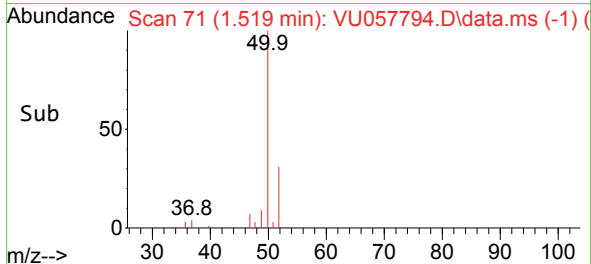
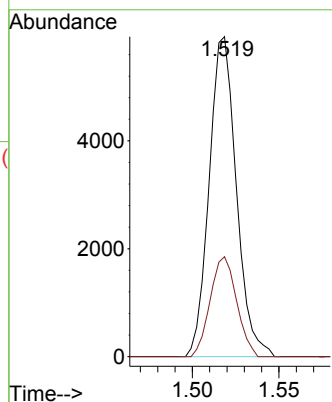
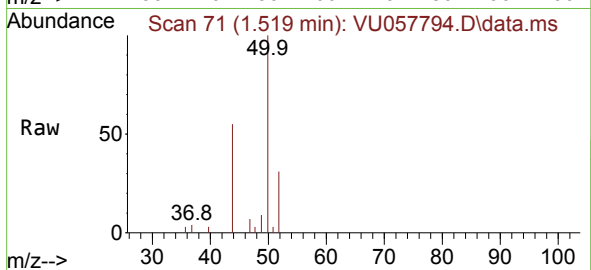
LOQ-WATER-02-QT1-2024

Tgt Ion: 50 Resp: 6462

Ion Ratio Lower Upper

50 100

52 31.3 26.6 40.0



#4

Vinyl Chloride

Concen: 0.467 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU057794.D

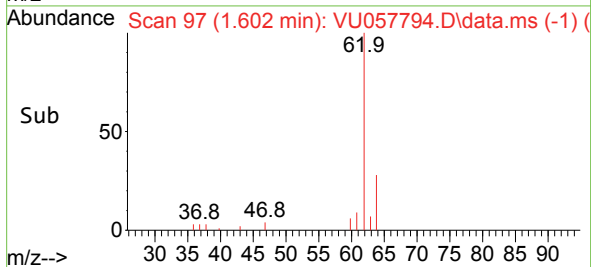
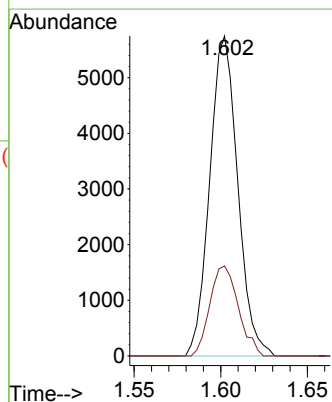
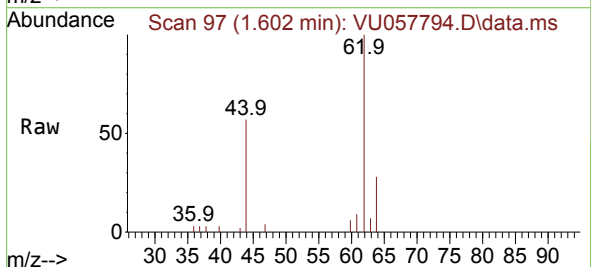
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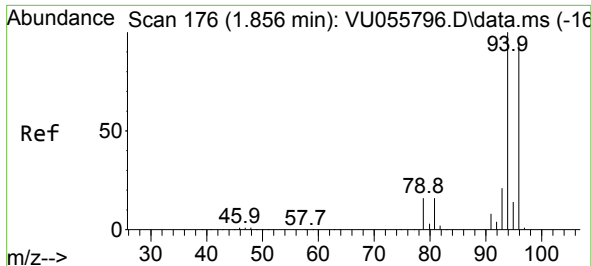
Tgt Ion: 62 Resp: 6452

Ion Ratio Lower Upper

62 100

64 28.1 25.4 38.2

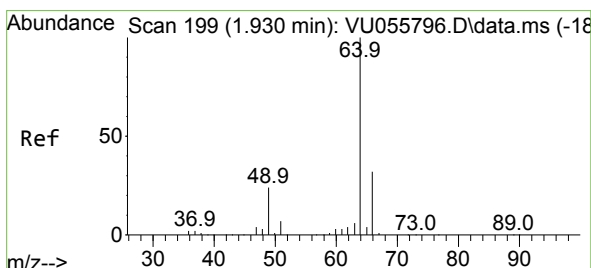
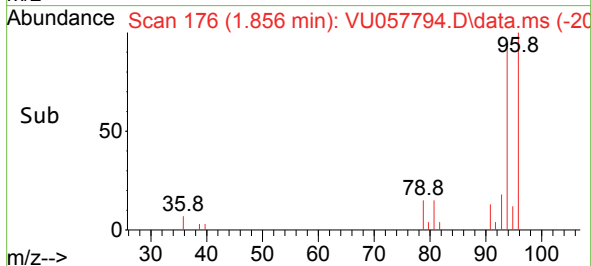
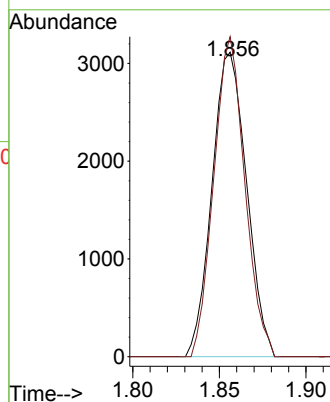
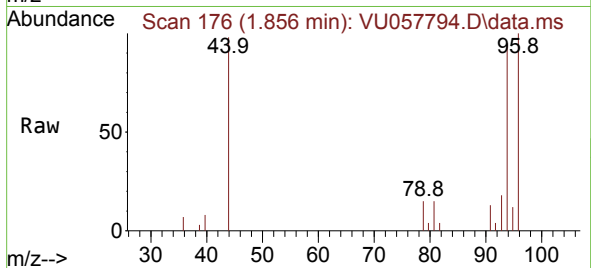




#5
Bromomethane
Concen: 0.528 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

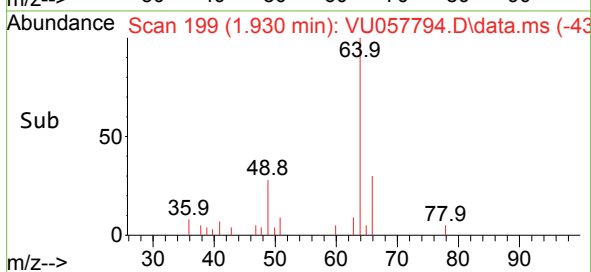
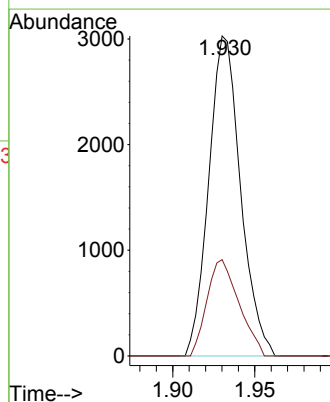
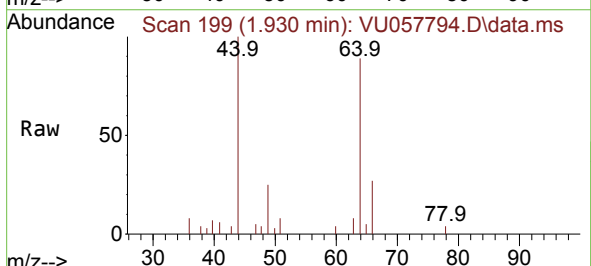
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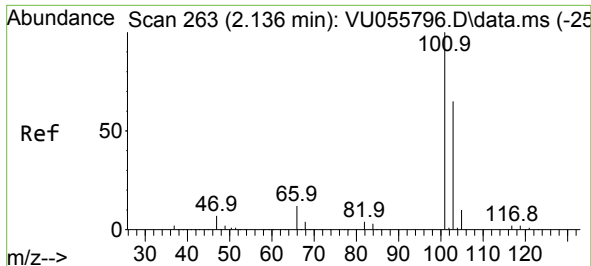
Tgt Ion: 94 Resp: 4325
Ion Ratio Lower Upper
94 100
96 105.1 75.4 113.2



#6
Chloroethane
Concen: 0.467 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 64 Resp: 4079
Ion Ratio Lower Upper
64 100
66 30.1 26.0 39.0

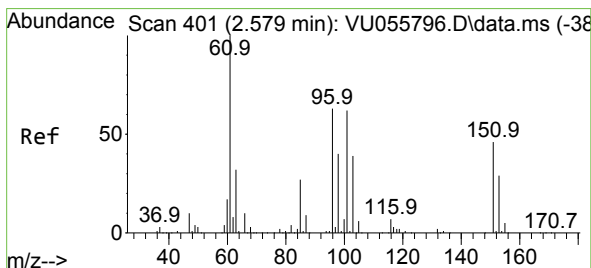
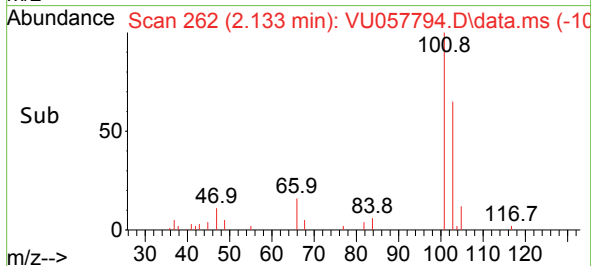
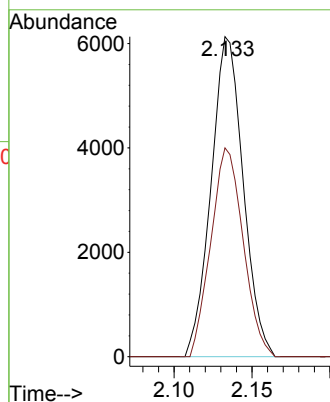
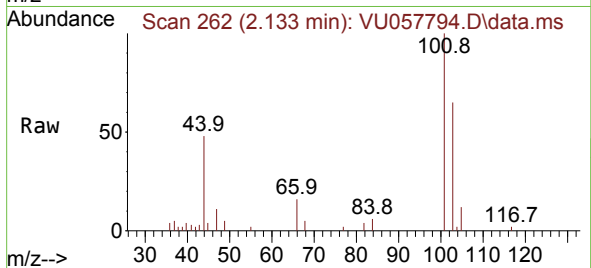




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Trichlorofluoromethane
Concen: 0.416 ug/l
RT: 2.133 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

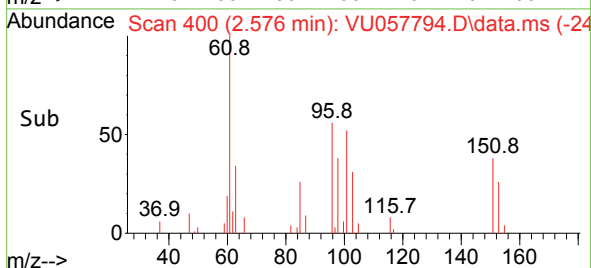
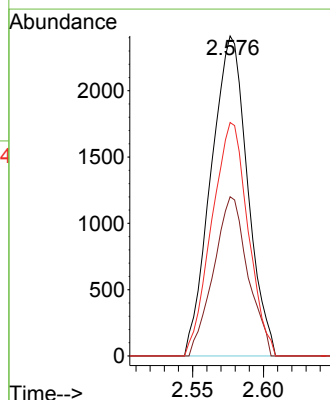
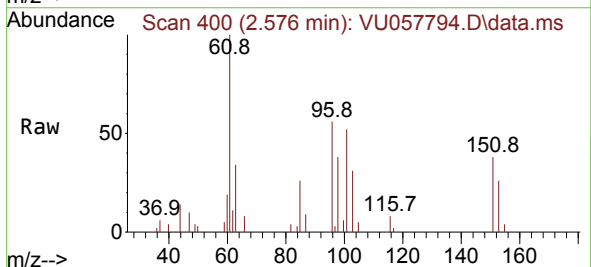
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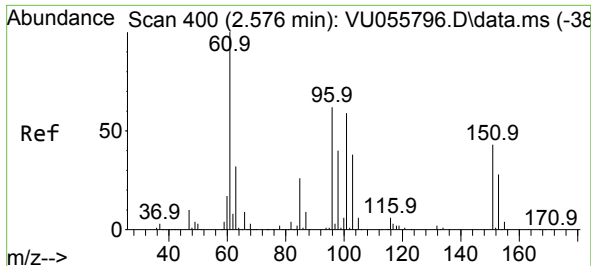
Tgt Ion:101 Resp: 8802
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.398 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion:101 Resp: 4324
Ion Ratio Lower Upper
101 100
85 46.7 35.4 53.0
151 72.5 54.0 81.0

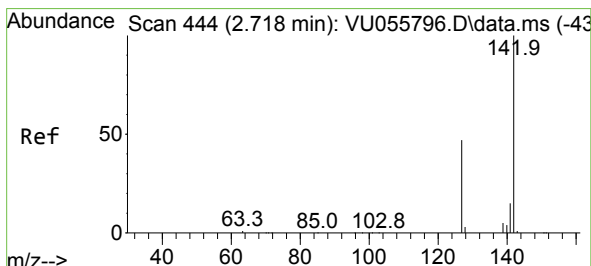
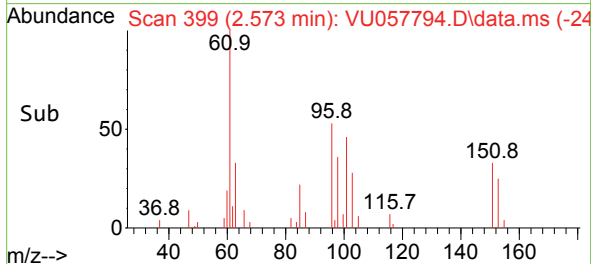
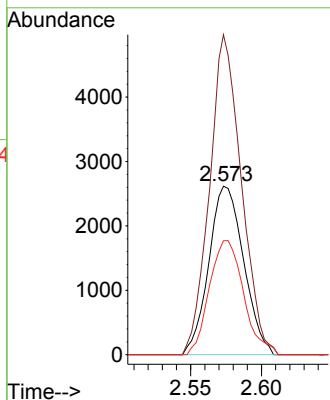
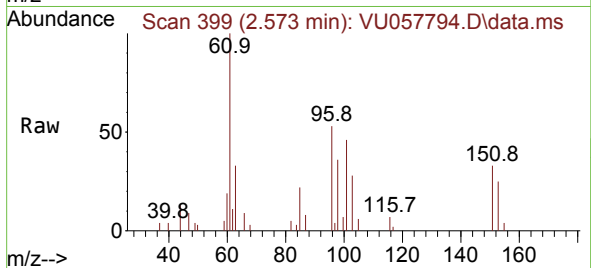




#9
1,1-Dichloroethene
Concen: 0.425 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

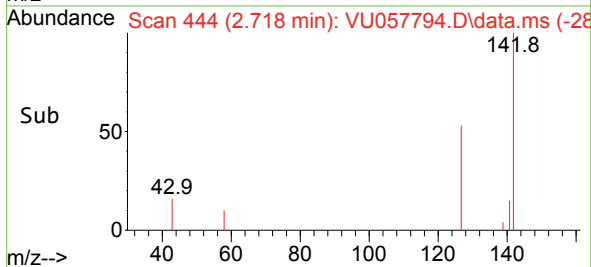
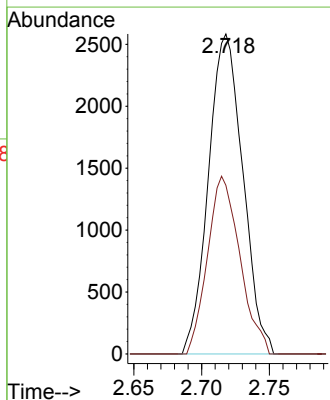
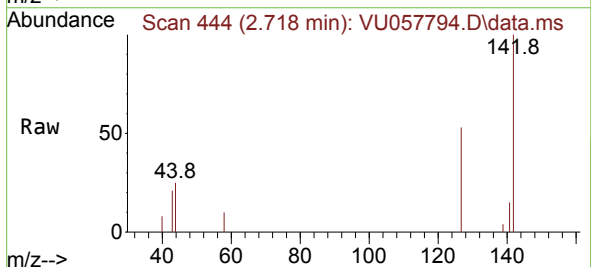
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ClientSampleId : LOQ-WATER-02-QT1-2024

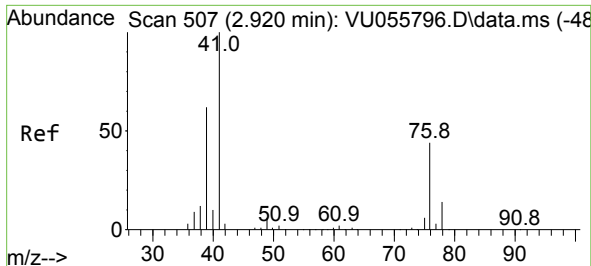
Tgt Ion: 96 Resp: 4474
Ion Ratio Lower Upper
96 100
61 189.9 0.0 521.4
98 67.7 0.0 125.8



#10
Iodomethane
Concen: 0.365 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 142 Resp: 4563
Ion Ratio Lower Upper
142 100
127 52.3 35.9 53.9





#11

Allyl Chloride

Concen: 0.450 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

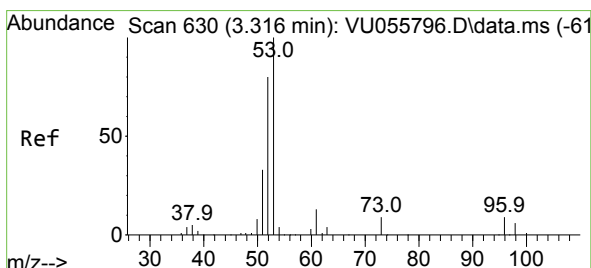
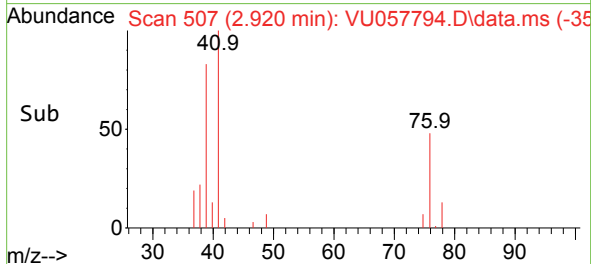
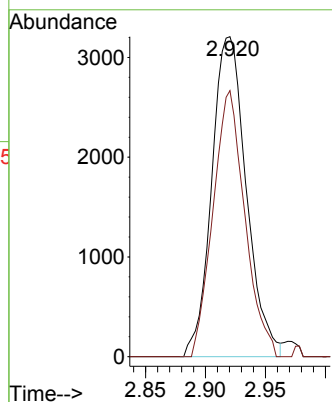
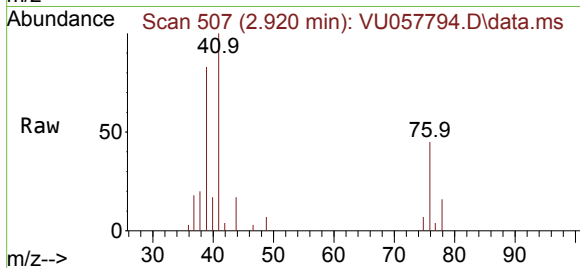
LOQ-WATER-02-QT1-2024

Tgt Ion: 41 Resp: 6430

Ion Ratio Lower Upper

41 100

39 76.4 54.2 81.2



#12

Acrylonitrile

Concen: 0.224 ug/l

RT: 3.338 min Scan# 637

Delta R.T. 0.022 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

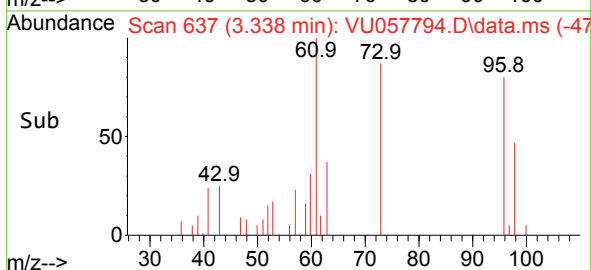
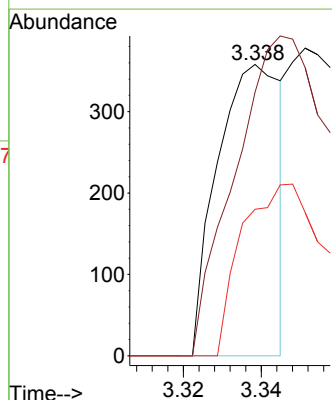
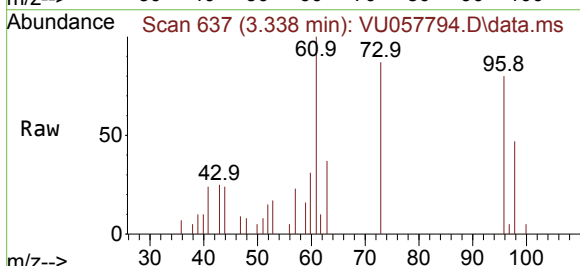
Tgt Ion: 53 Resp: 403

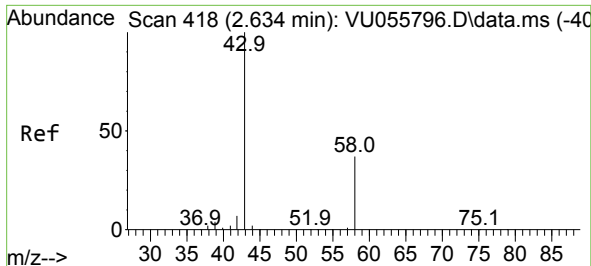
Ion Ratio Lower Upper

53 100

52 149.4 62.9 94.3#

51 71.2 27.8 41.6#

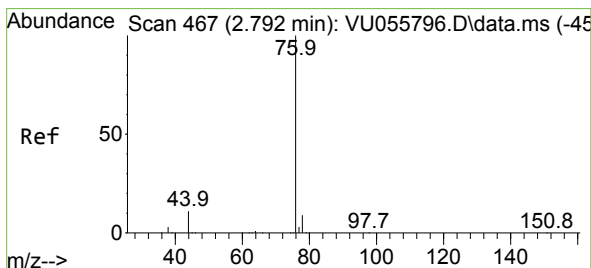
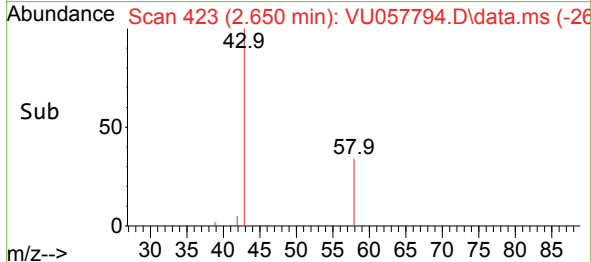
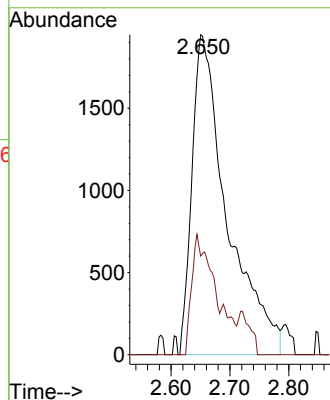
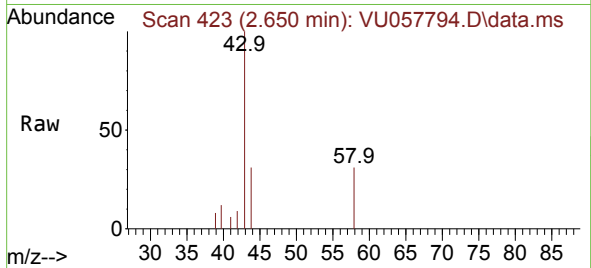




#13
Acetone
Concen: 2.482 ug/l
RT: 2.650 min Scan# 418
Delta R.T. 0.016 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

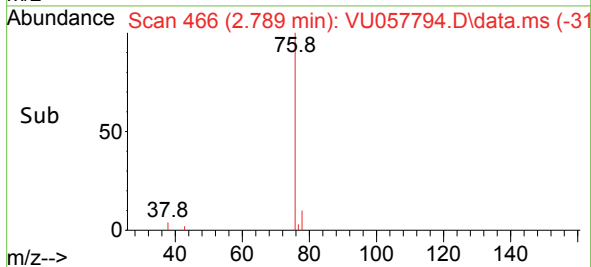
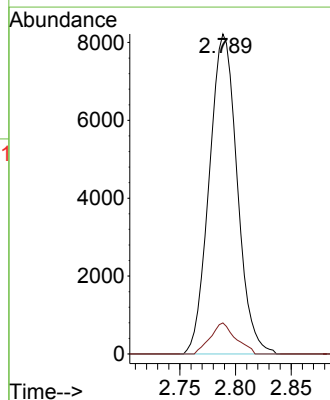
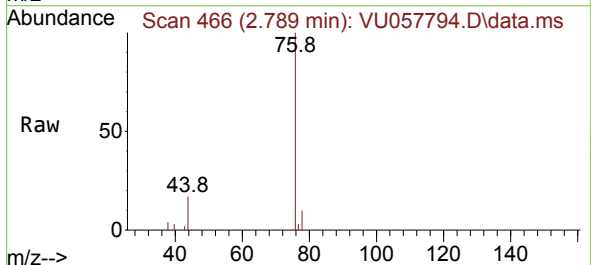
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

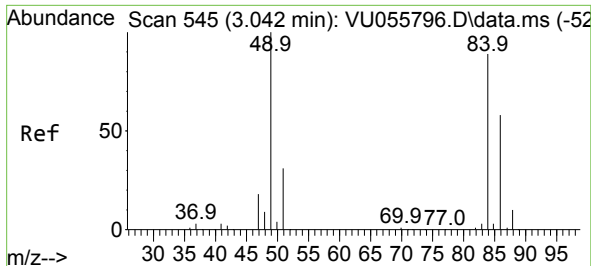
Tgt Ion: 43 Resp: 8079
Ion Ratio Lower Upper
43 100
58 30.8 29.0 43.4



#14
Carbon Disulfide
Concen: 0.425 ug/l
RT: 2.789 min Scan# 466
Delta R.T. -0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

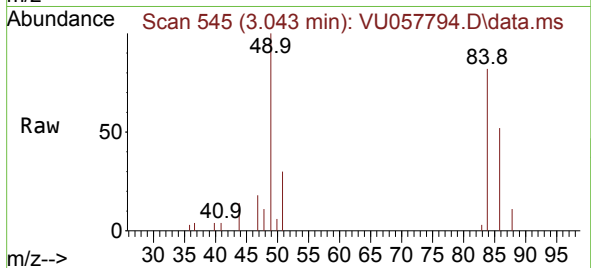
Tgt Ion: 76 Resp: 14338
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



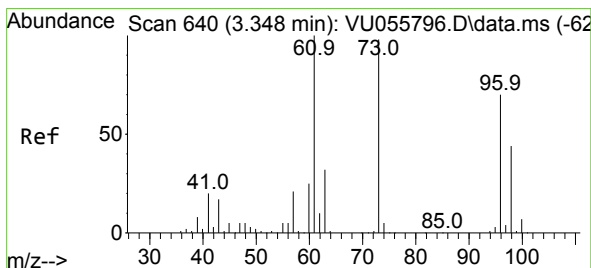
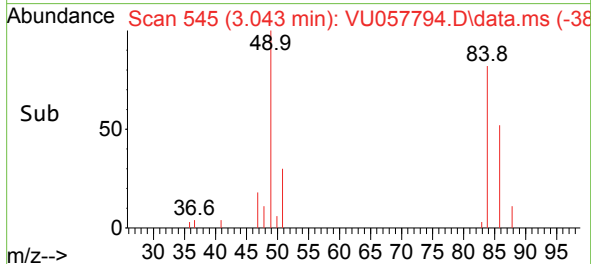
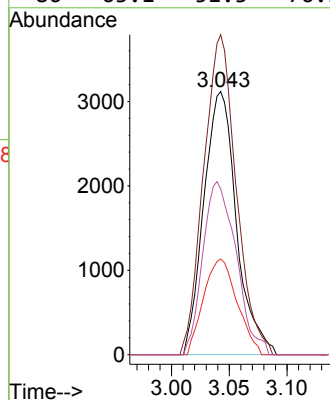


#15
Methylene Chloride
Concen: 0.488 ug/l
RT: 3.043 min Scan# 54
Delta R.T. 0.001 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

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

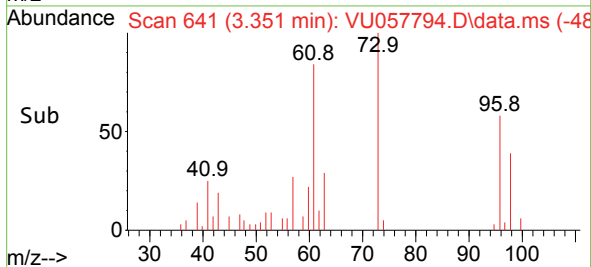
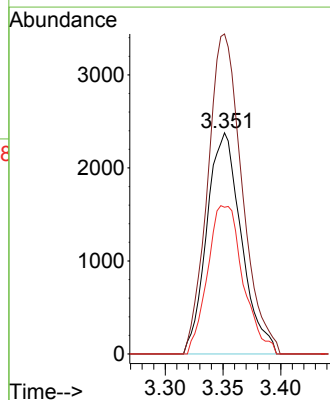
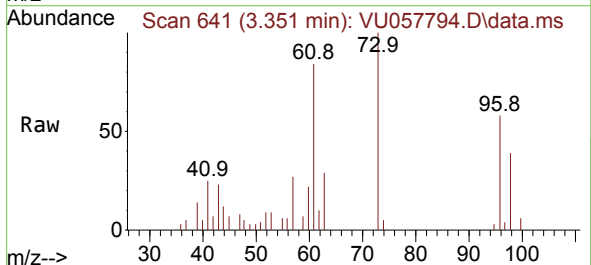


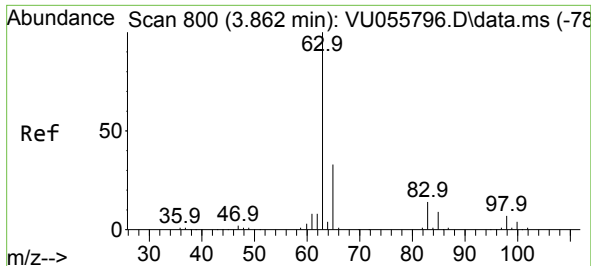
Tgt Ion:	84	Resp:	6137
Ion	Ratio	Lower	Upper
84	100		
49	121.6	98.9	148.3
51	36.3	0.0	75.4
86	63.1	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 0.429 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion:	96	Resp:	4936
Ion	Ratio	Lower	Upper
96	100		
61	134.5	117.5	176.3
98	61.7	48.3	72.5





#17

1,1-Dichloroethane

Concen: 0.442 ug/l

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

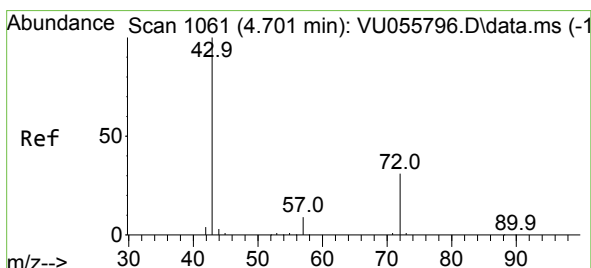
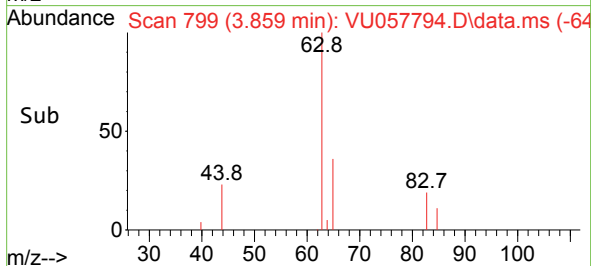
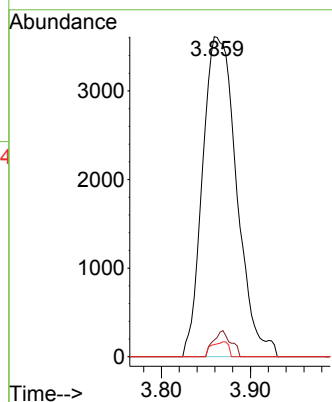
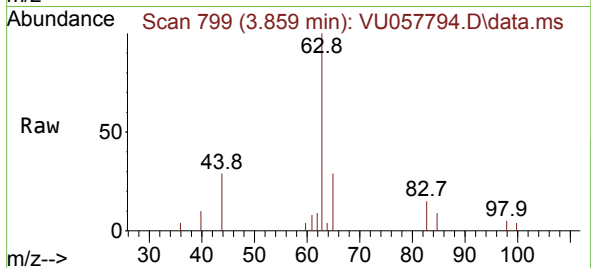
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 63	Resp: 9611
Ion Ratio	Lower Upper
63	100
98	5.2 3.4 10.1
100	3.8 2.2 6.6



#18

2-Butanone

Concen: 1.397 ug/l

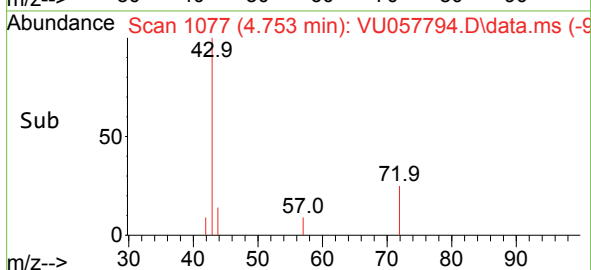
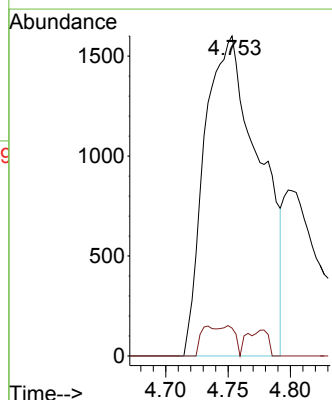
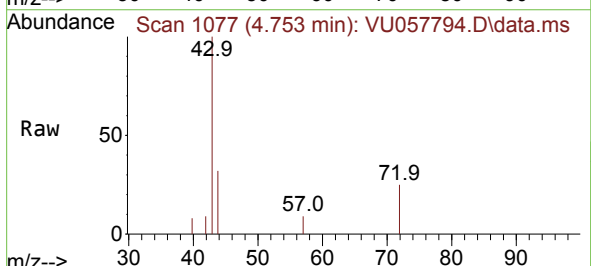
RT: 4.753 min Scan# 1077

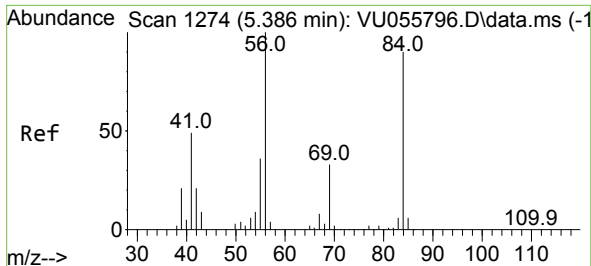
Delta R.T. 0.052 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Tgt Ion: 43	Resp: 4902
Ion Ratio	Lower Upper
43	100
57	8.7 0.0 19.6





#19

Cyclohexane

Concen: 0.434 ug/l

RT: 5.383 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

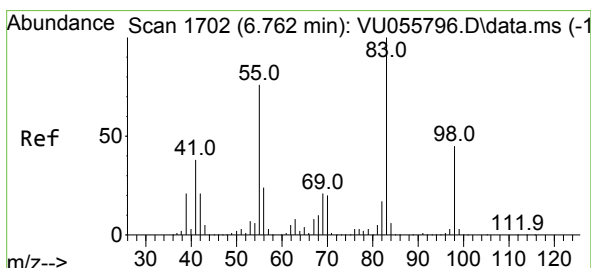
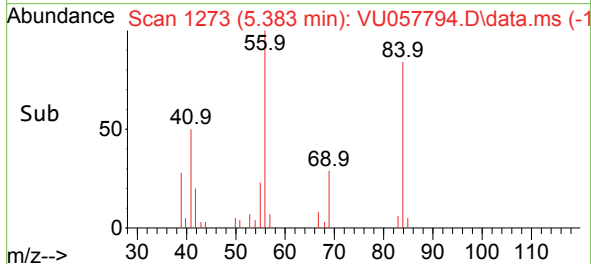
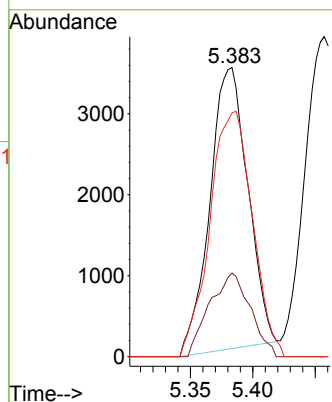
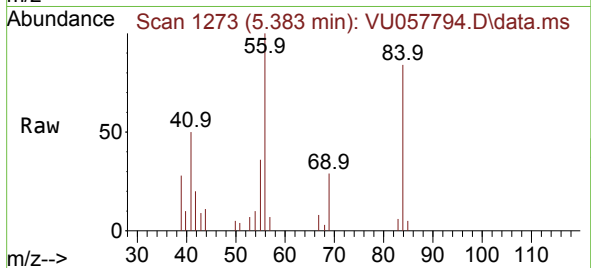
Tgt Ion: 56 Resp: 7383

Ion Ratio Lower Upper

56 100

69 31.7 24.6 37.0

84 97.1 68.4 102.6



#20

Methylcyclohexane

Concen: 0.409 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

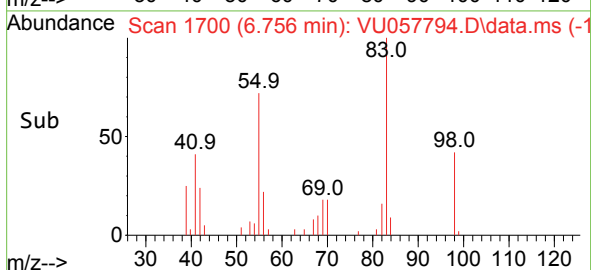
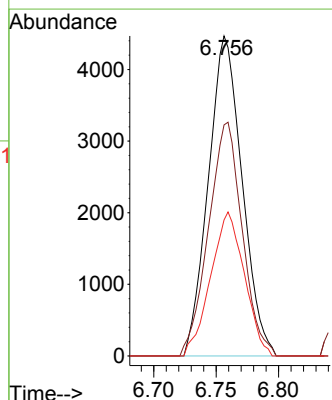
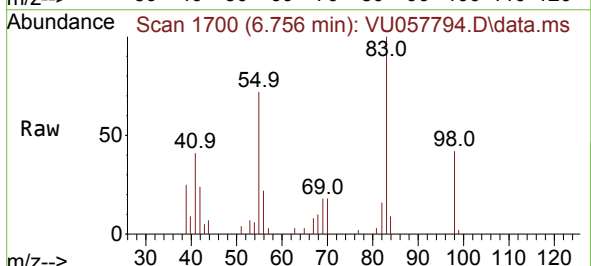
Tgt Ion: 83 Resp: 8421

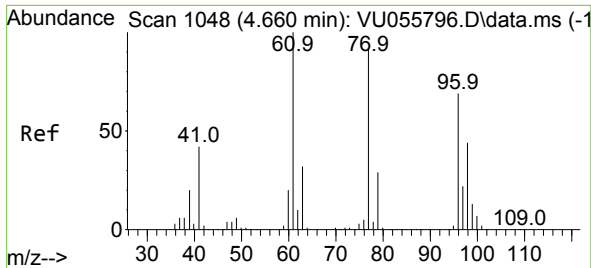
Ion Ratio Lower Upper

83 100

55 73.0 63.5 95.3

98 45.0 36.0 54.0

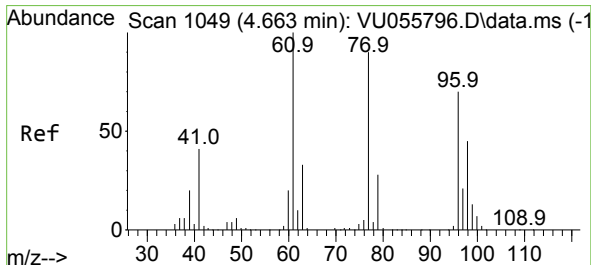
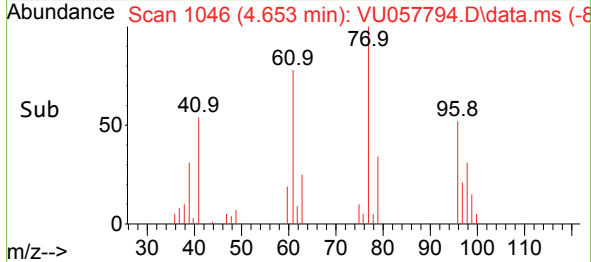
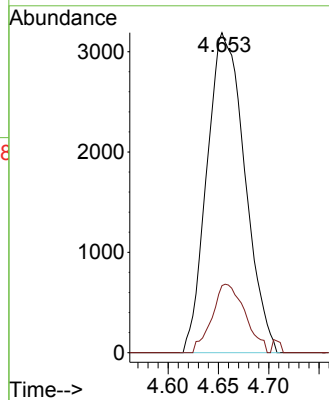
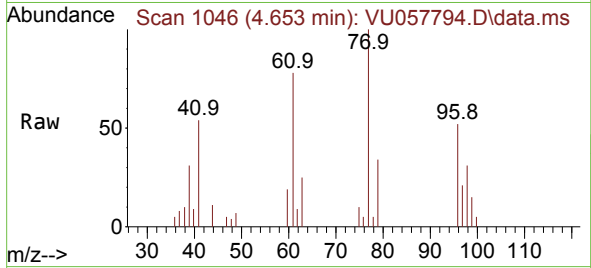




#21
2,2-Dichloropropane
Concen: 0.433 ug/l
RT: 4.653 min Scan# 1051
Delta R.T. -0.007 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

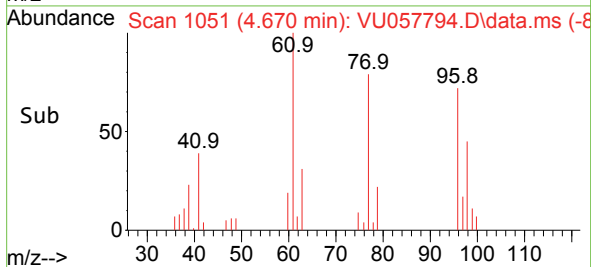
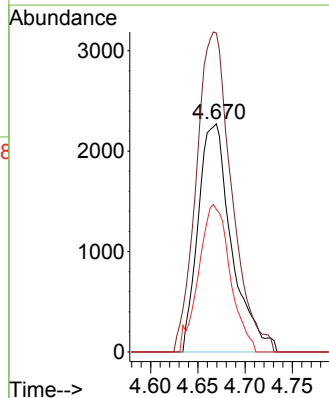
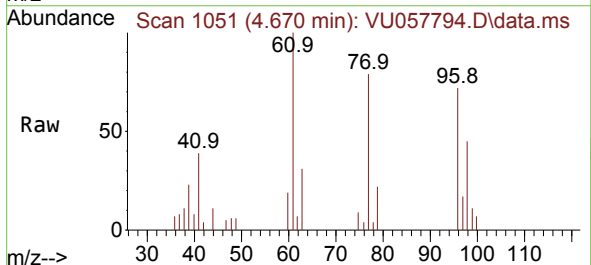
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

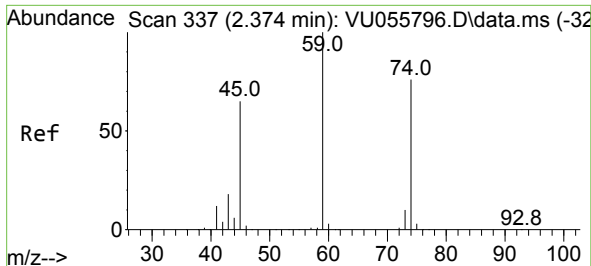
Tgt Ion: 77 Resp: 8344
Ion Ratio Lower Upper
77 100
97 18.7 18.4 27.6



#22
cis-1,2-Dichloroethene
Concen: 0.443 ug/l
RT: 4.670 min Scan# 1051
Delta R.T. 0.007 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 96 Resp: 5585
Ion Ratio Lower Upper
96 100
61 147.8 0.0 365.8
98 60.7 32.0 96.0

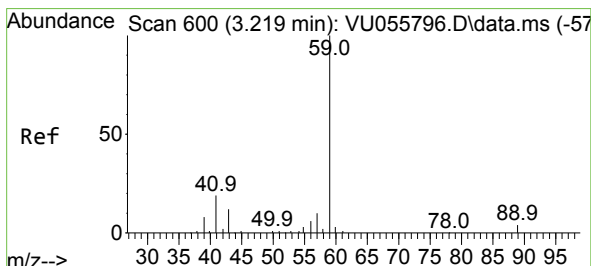
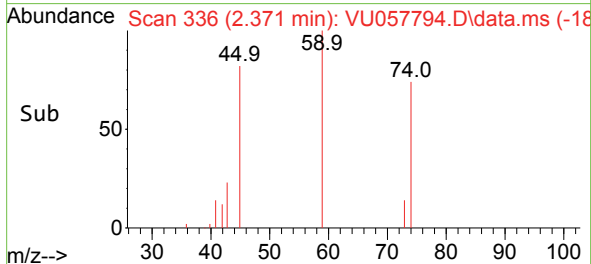
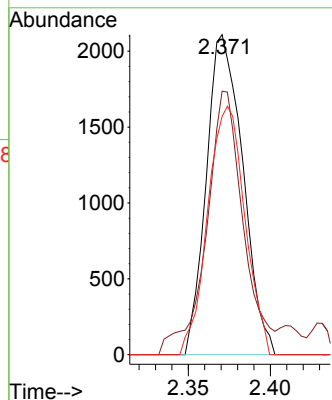
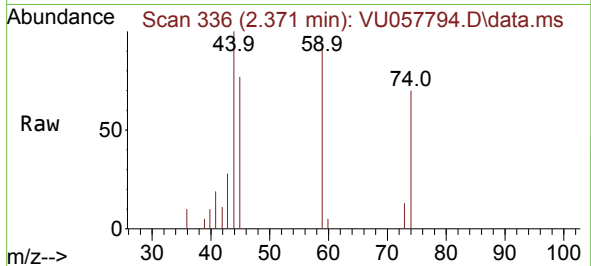




#23
Diethyl Ether
Concen: 0.428 ug/l
RT: 2.371 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

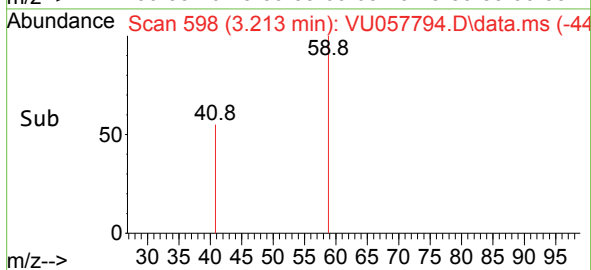
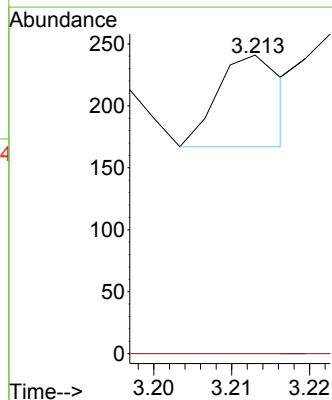
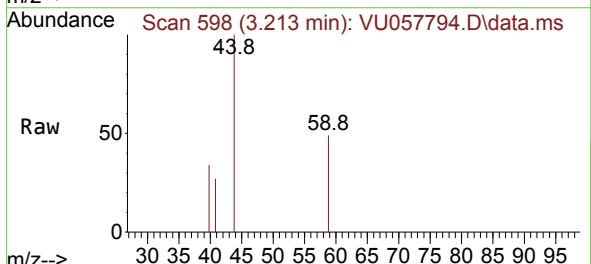
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

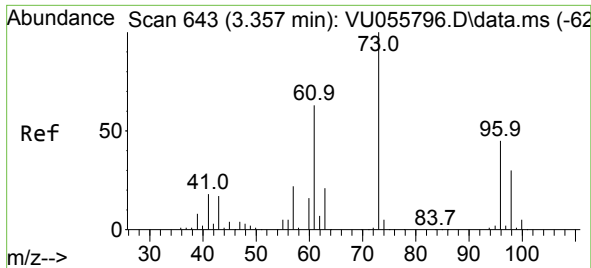
Tgt Ion: 59 Resp: 3253
Ion Ratio Lower Upper
59 100
45 83.2 56.1 84.1
74 79.3 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 0.049 ug/l
RT: 3.213 min Scan# 598
Delta R.T. -0.006 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#

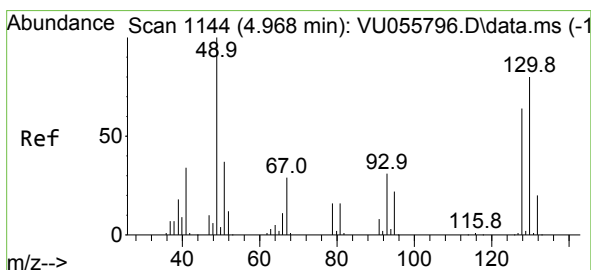
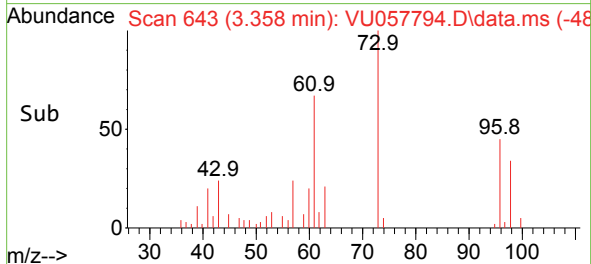
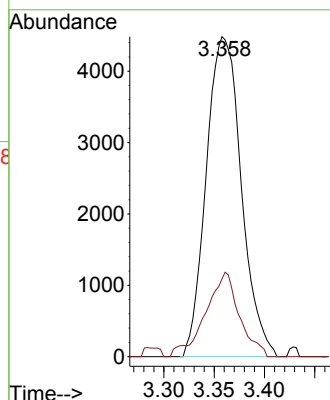
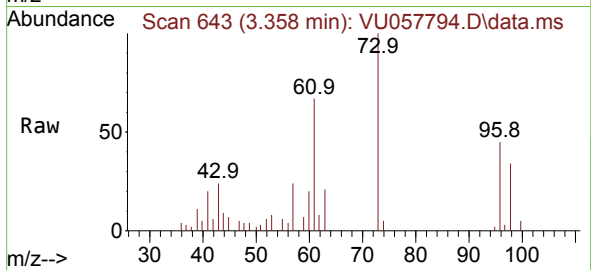




#25
Methyl tert-Butyl Ether
Concen: 0.440 ug/l
RT: 3.358 min Scan# 64
Delta R.T. 0.001 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

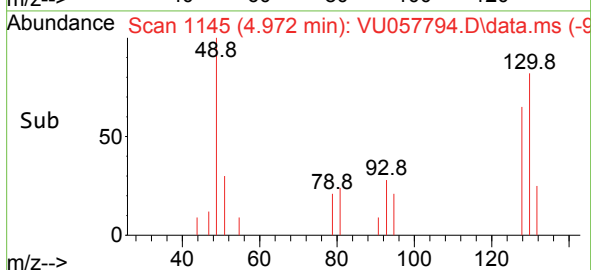
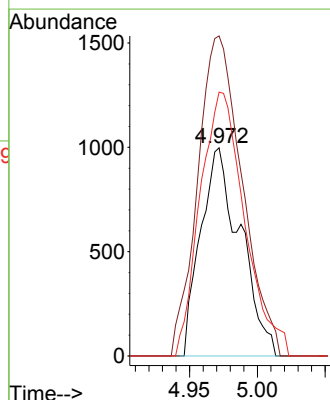
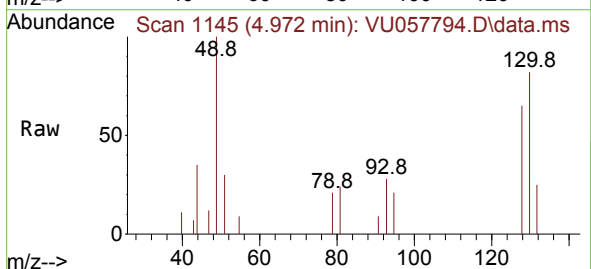
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

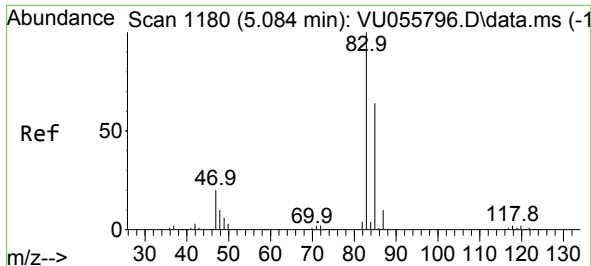
Tgt Ion: 73 Resp: 10879
Ion Ratio Lower Upper
73 100
43 25.3 15.0 22.6#



#26
Bromochloromethane
Concen: 0.401 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.004 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 128 Resp: 2032
Ion Ratio Lower Upper
128 100
49 172.3 0.0 324.6
130 142.2 103.0 154.4





#27

Chloroform

Concen: 0.449 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

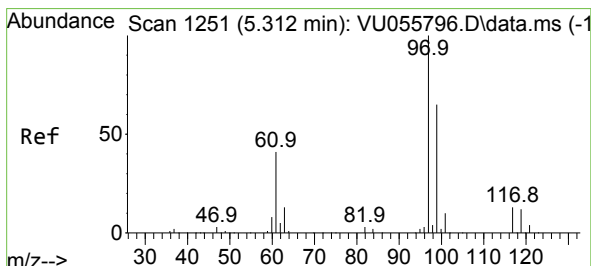
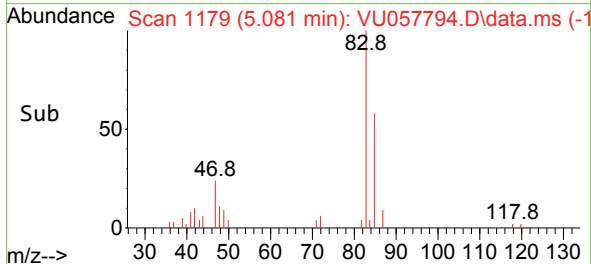
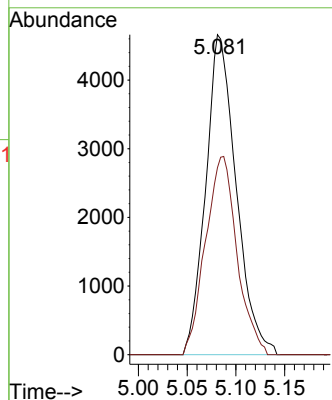
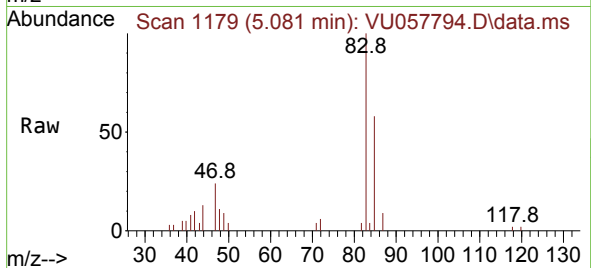
LOQ-WATER-02-QT1-2024

Tgt Ion: 83 Resp: 10129

Ion Ratio Lower Upper

83 100

85 56.3 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 0.425 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

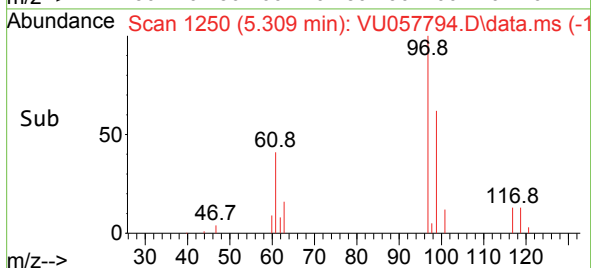
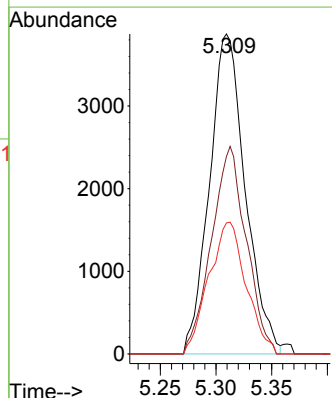
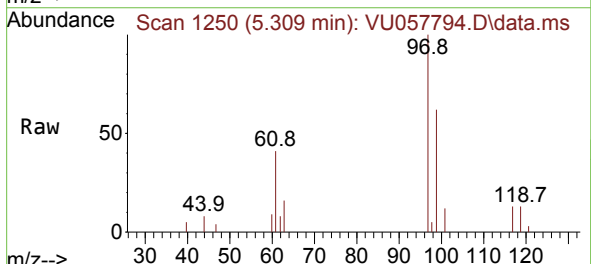
Tgt Ion: 97 Resp: 8665

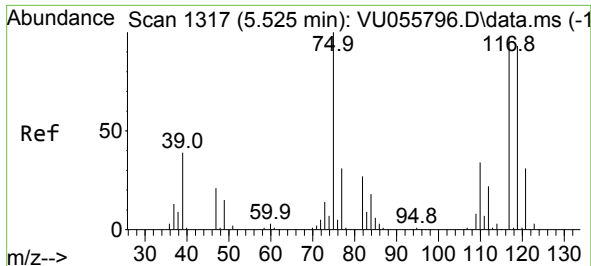
Ion Ratio Lower Upper

97 100

99 63.0 32.0 96.2

61 42.9 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.428 ug/l

RT: 5.525 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

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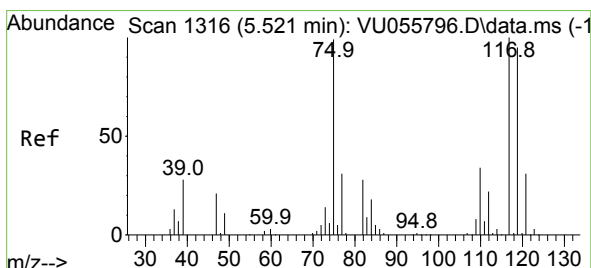
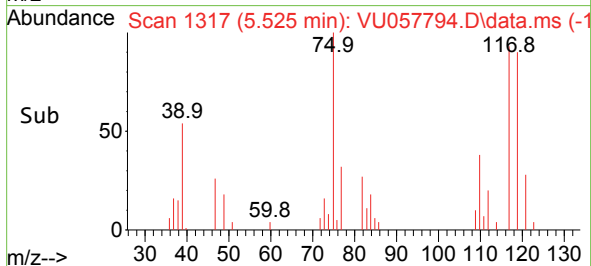
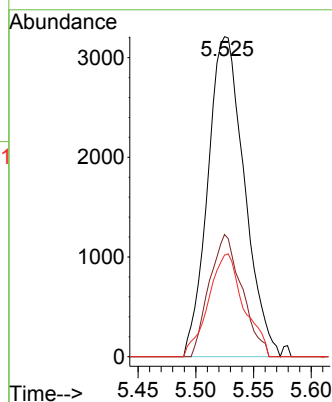
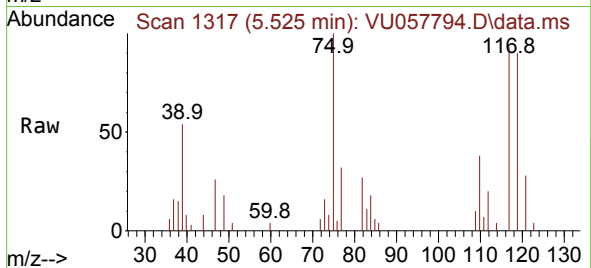
Tgt Ion: 75 Resp: 7063

Ion Ratio Lower Upper

75 100

110 34.2 18.0 54.0

77 31.1 24.7 37.1



#30

Carbon Tetrachloride

Concen: 0.411 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

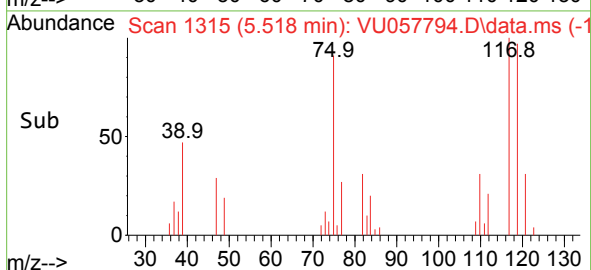
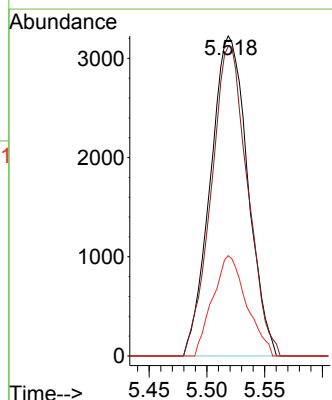
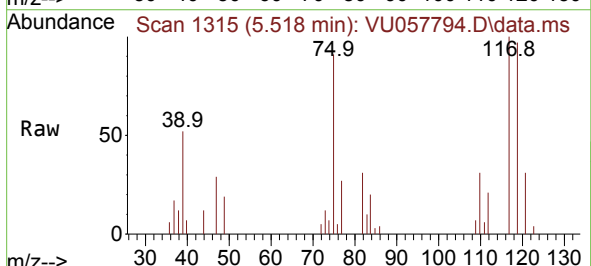
Tgt Ion: 117 Resp: 7225

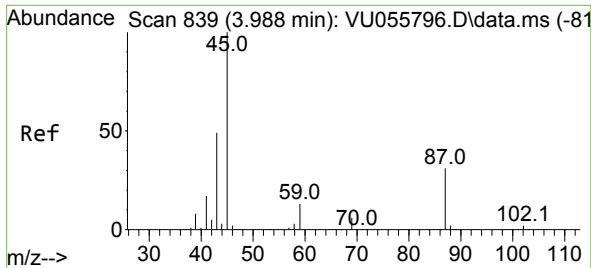
Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0

121 31.3 24.0 36.0

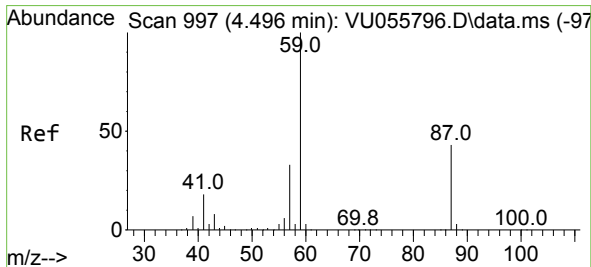
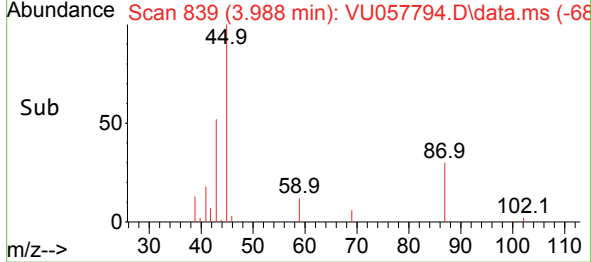
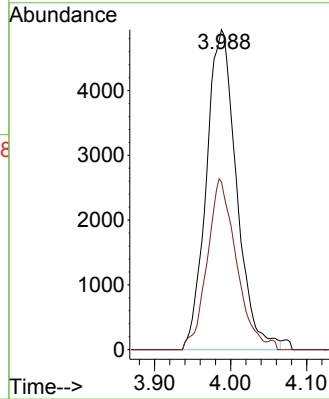
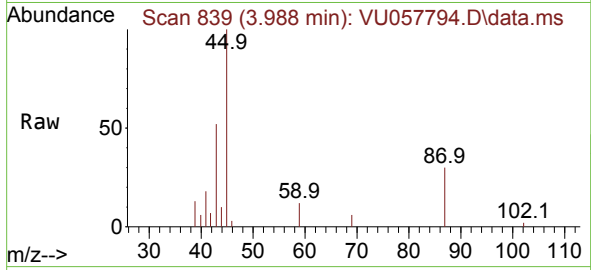




#31
Isopropyl Ether
Concen: 0.428 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

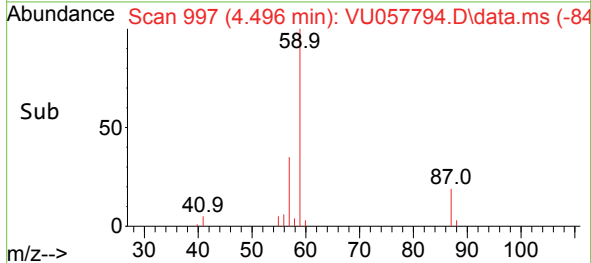
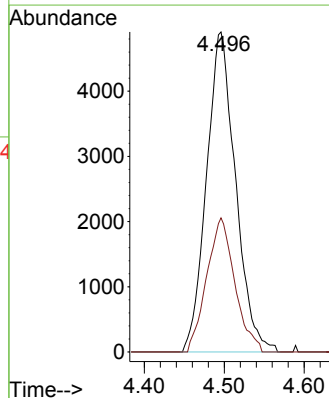
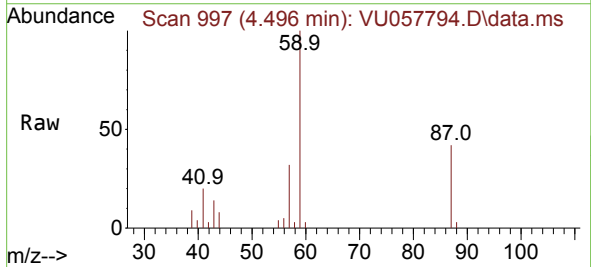
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

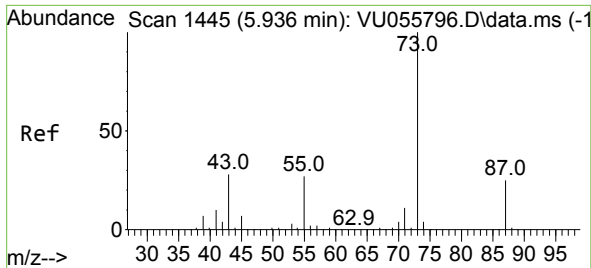
Tgt Ion: 45 Resp: 13613
Ion Ratio Lower Upper
45 100
43 51.1 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 0.420 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 59 Resp: 12396
Ion Ratio Lower Upper
59 100
87 40.4 33.5 50.3

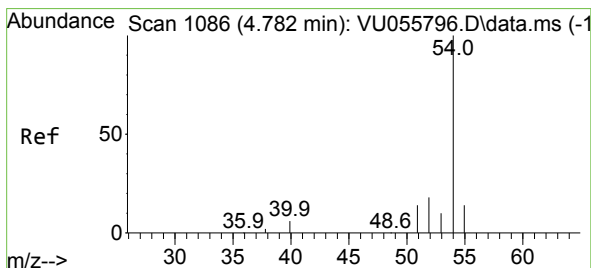
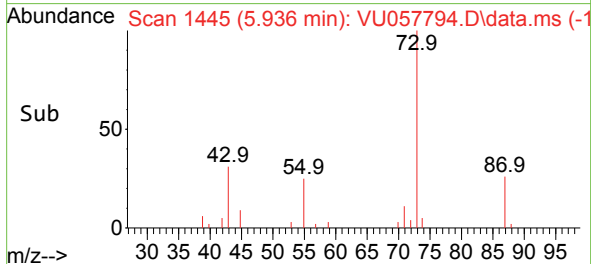
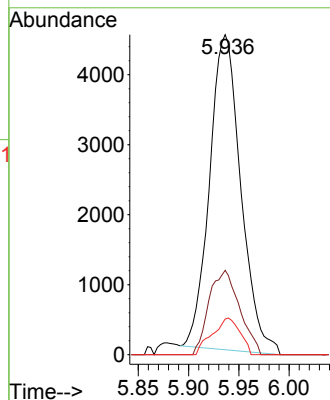
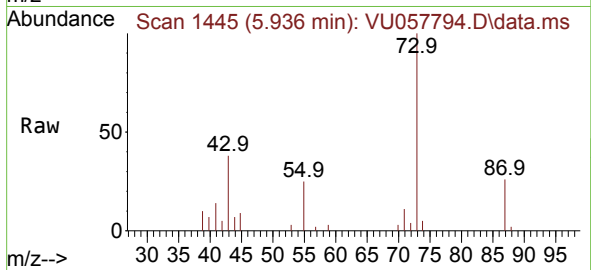




#33
Tert-Amyl methyl ether
Concen: 0.392 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

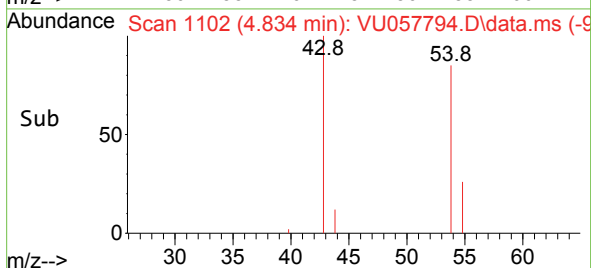
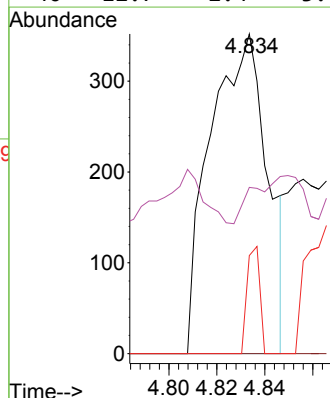
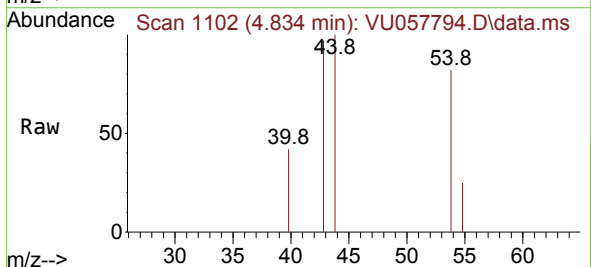
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

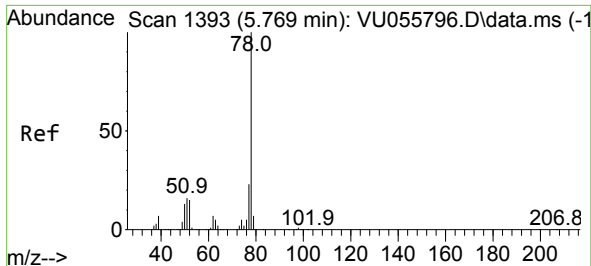
Tgt Ion: 73	Resp: 9733
Ion Ratio	Lower Upper
73 100	
87 26.2	18.6 28.0
71 10.3	9.9 14.9



#34
Propionitrile
Concen: 0.800 ug/l
RT: 4.834 min Scan# 1102
Delta R.T. 0.052 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt	Ion: 54	Resp:	582
Ion	Ratio	Lower	Upper
54	100		
52	0.0	17.4	26.0#
55	7.6	104.1	156.1#
40	12.7	2.4	3.6#

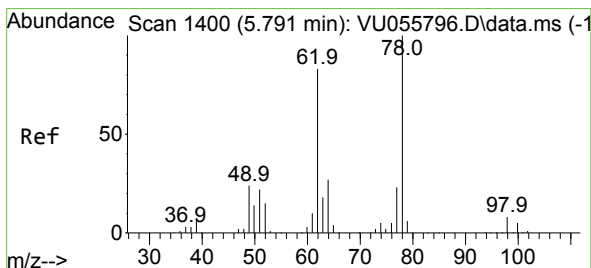
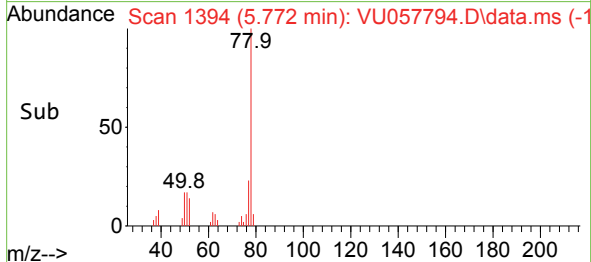
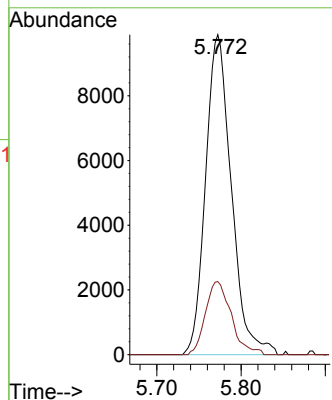
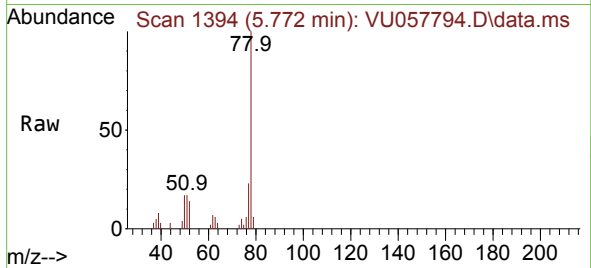




#35
Benzene
Concen: 0.443 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

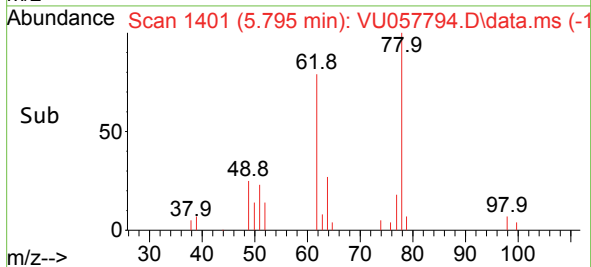
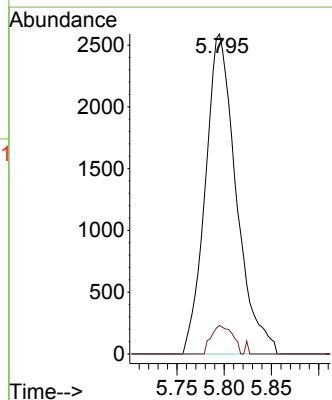
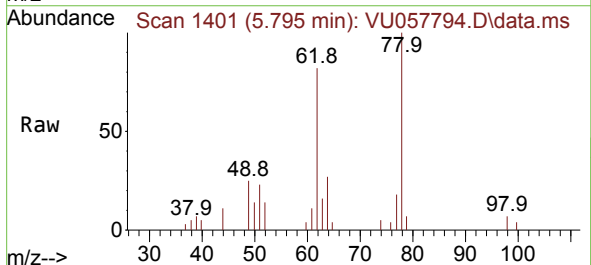
Instrument :
MSVOA_U
ClientSampleId :
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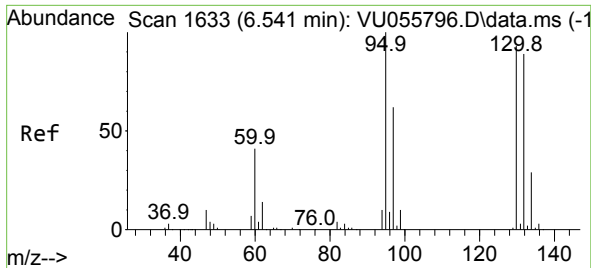
Tgt Ion: 78 Resp: 21042
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3



#36
1,2-Dichloroethane
Concen: 0.424 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.004 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 62 Resp: 5871
Ion Ratio Lower Upper
62 100
98 6.1 7.3 10.9#

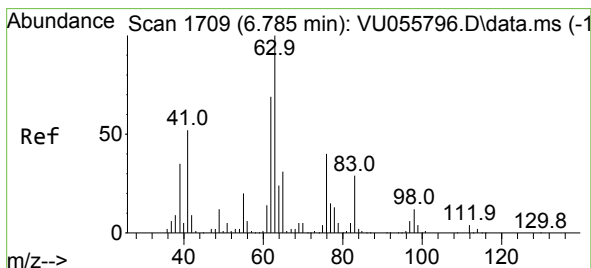
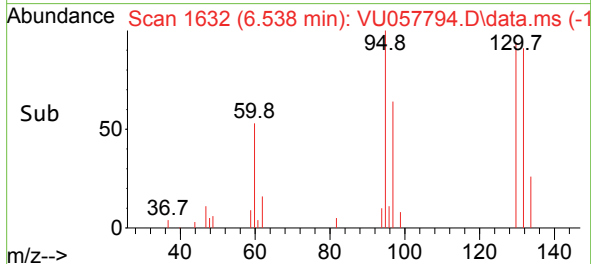
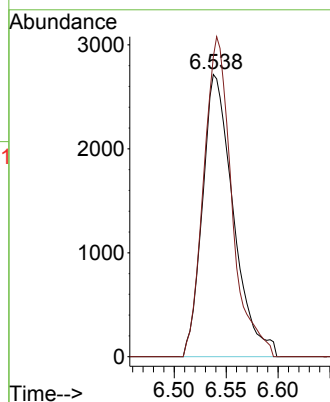
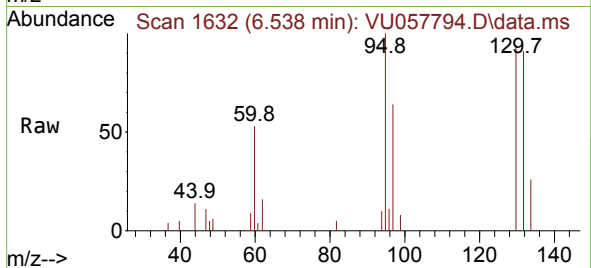




#37
Trichloroethene
Concen: 0.444 ug/l
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

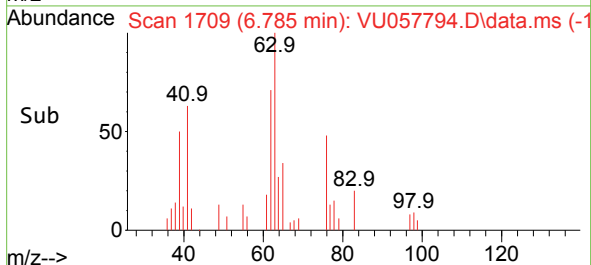
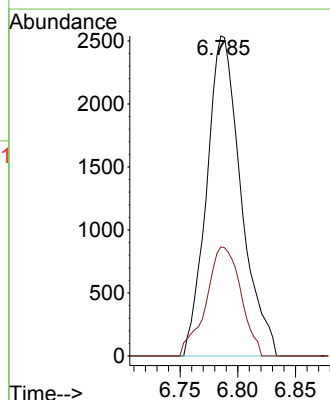
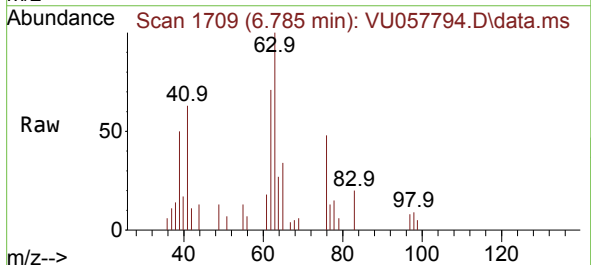
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

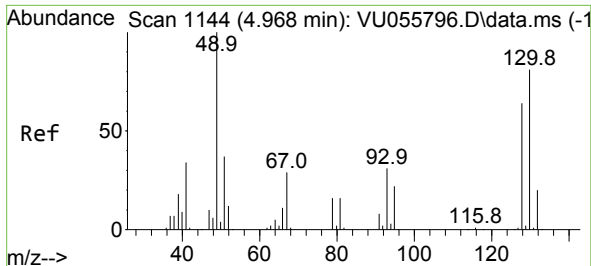
Tgt Ion:130 Resp: 5595
Ion Ratio Lower Upper
130 100
95 106.1 85.0 127.6



#38
1,2-Dichloropropane
Concen: 0.426 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 63 Resp: 5246
Ion Ratio Lower Upper
63 100
65 34.1 24.9 37.3





#39

Methacrylonitrile

Concen: 0.233 ug/l

RT: 4.997 min Scan# 1144

Delta R.T. 0.029 min

Lab File: VU057794.D

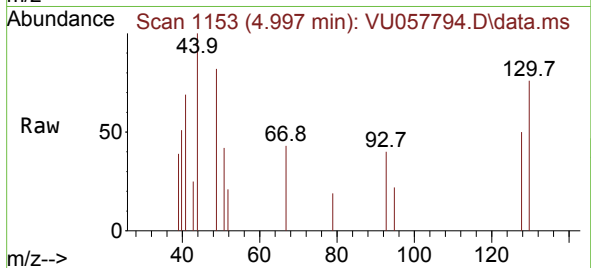
Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 41 Resp: 675

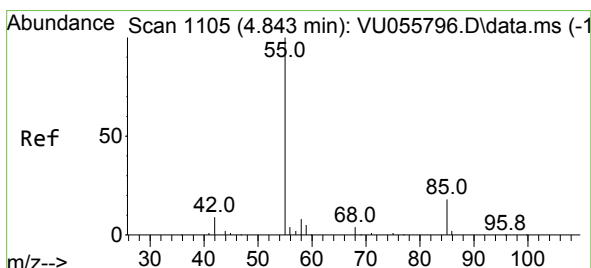
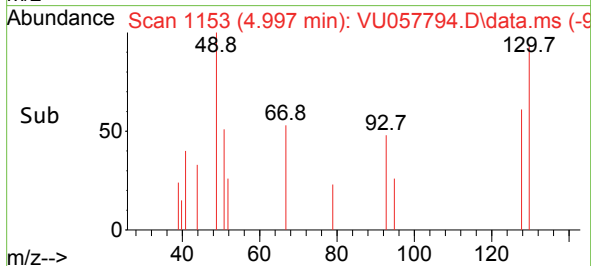
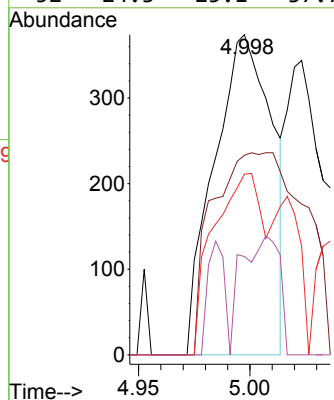
Ion Ratio Lower Upper

41 100

67 100.1 66.8 100.2

39 48.1 41.2 61.8

52 24.3 25.1 37.7#



#40

Methyl acrylate

Concen: 0.010 ug/l

RT: 4.837 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Tgt Ion: 55 Resp: 44

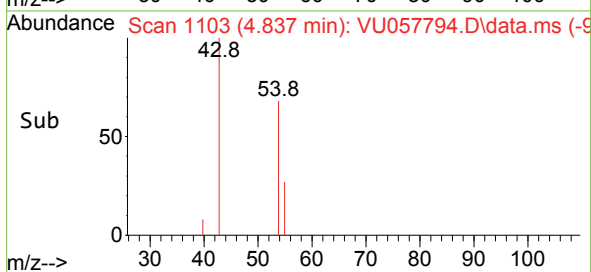
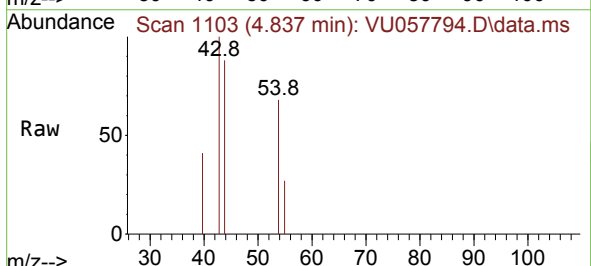
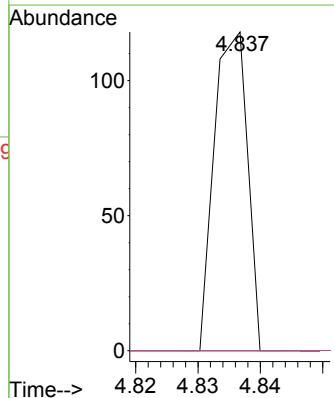
Ion Ratio Lower Upper

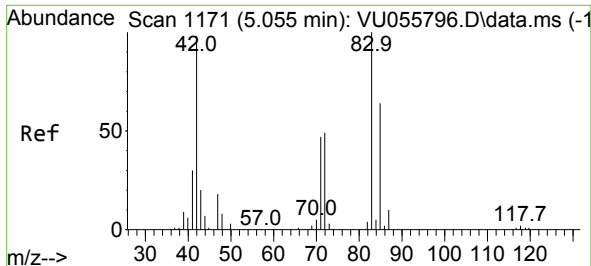
55 100

85 0.0 13.3 19.9#

58 0.0 6.5 9.7#

42 152.3 5.9 8.9#





#41

Tetrahydrofuran

Concen: 0.809 ug/l

RT: 5.075 min Scan# 1171

Delta R.T. 0.020 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

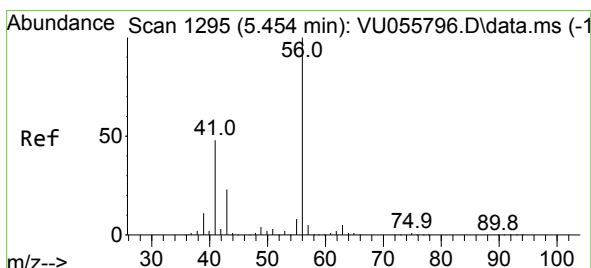
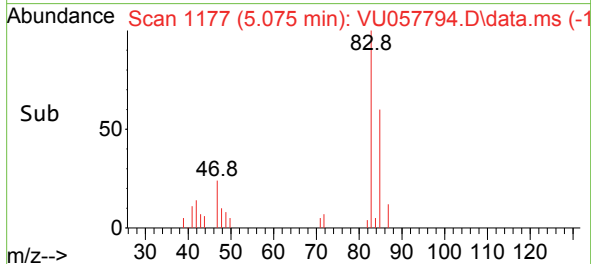
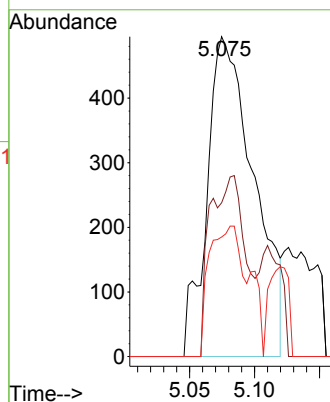
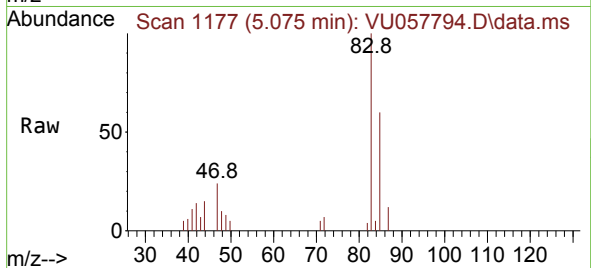
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 42	Resp: 1251
Ion Ratio	Lower Upper
42	100
72	13.6 40.9 61.3#
71	28.2 36.9 55.3#



#42

1-Chlorobutane

Concen: 0.423 ug/l

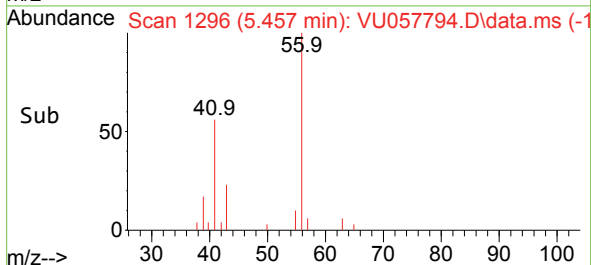
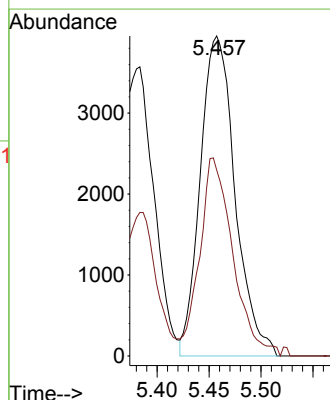
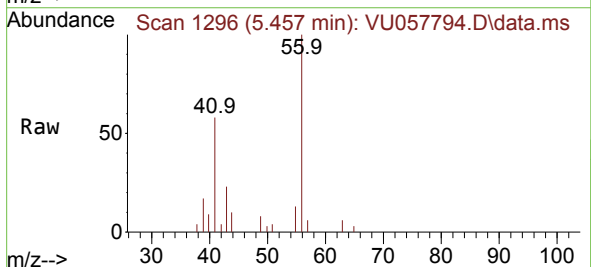
RT: 5.457 min Scan# 1296

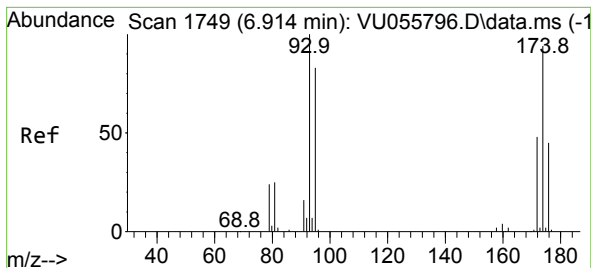
Delta R.T. 0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Tgt Ion: 56	Resp: 9206
Ion Ratio	Lower Upper
56	100
41	58.9 25.2 75.6





#43

Dibromomethane

Concen: 0.409 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

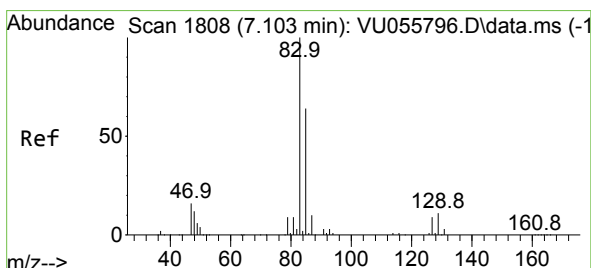
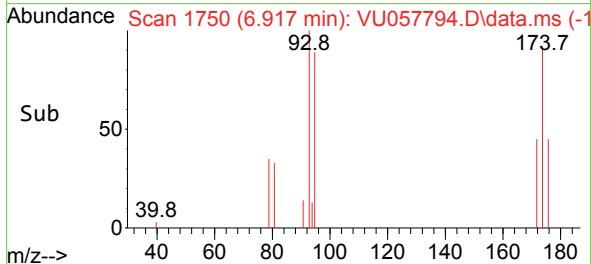
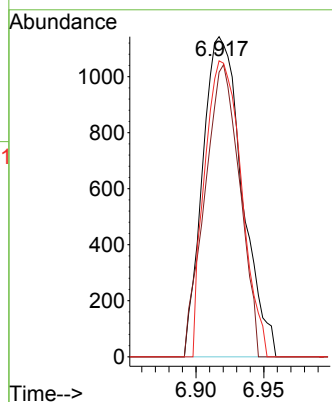
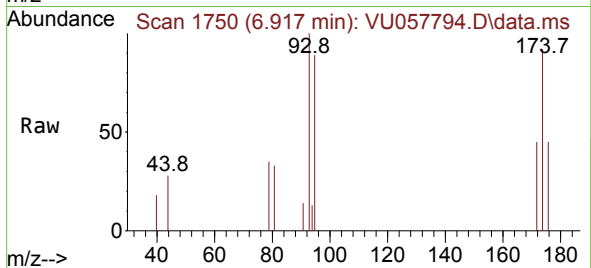
Tgt Ion: 93 Resp: 2317

Ion Ratio Lower Upper

93 100

95 80.4 67.0 100.6

174 85.5 73.8 110.6



#44

Bromodichloromethane

Concen: 0.410 ug/l

RT: 7.104 min Scan# 1808

Delta R.T. 0.001 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

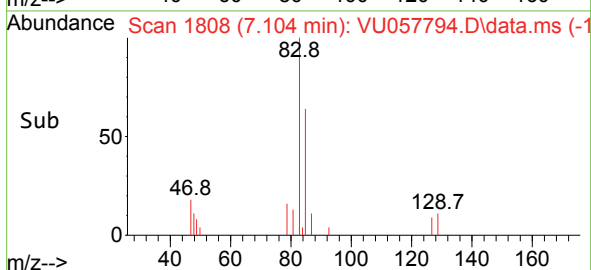
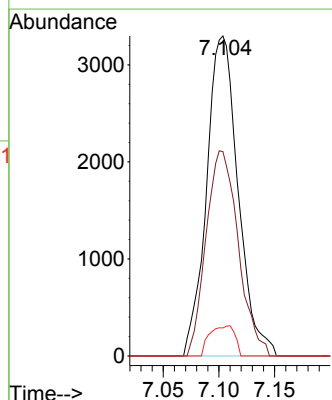
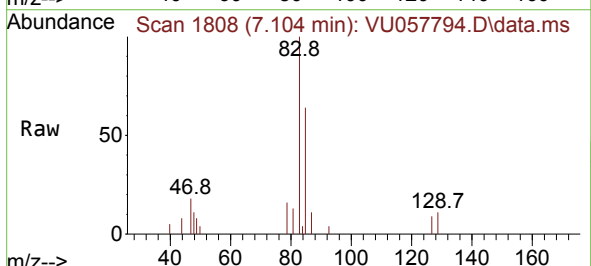
Tgt Ion: 83 Resp: 6495

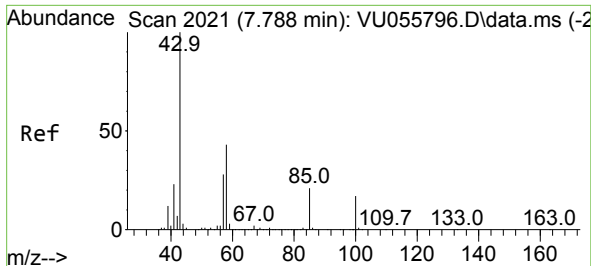
Ion Ratio Lower Upper

83 100

85 63.9 51.9 77.9

127 8.8 6.7 10.1

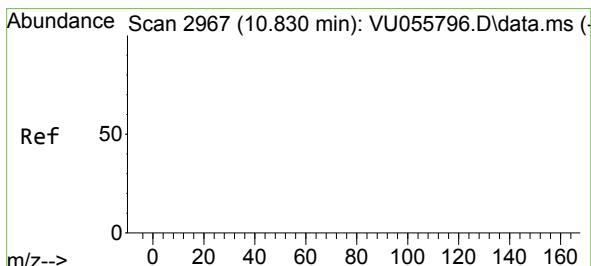
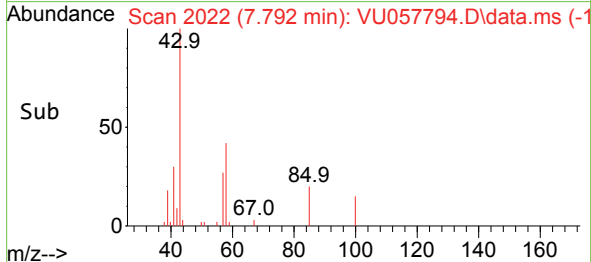
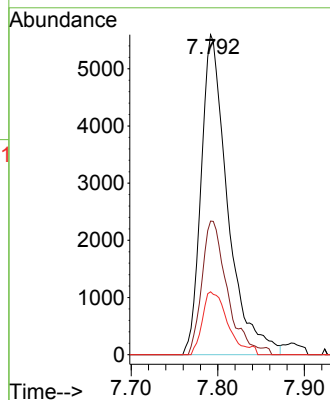
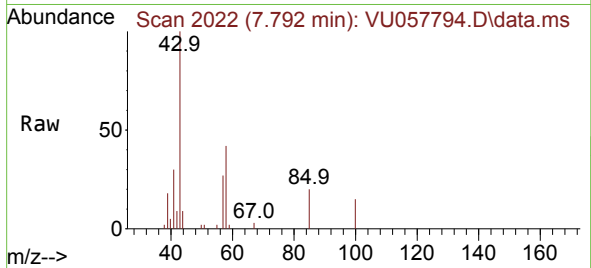




#45
4-Methyl-2-Pentanone
Concen: 1.970 ug/l
RT: 7.792 min Scan# 2021
Delta R.T. 0.004 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

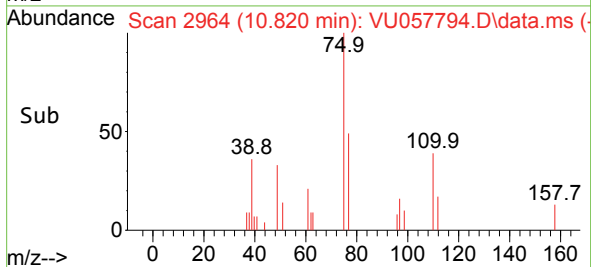
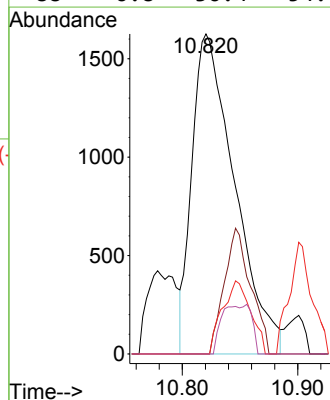
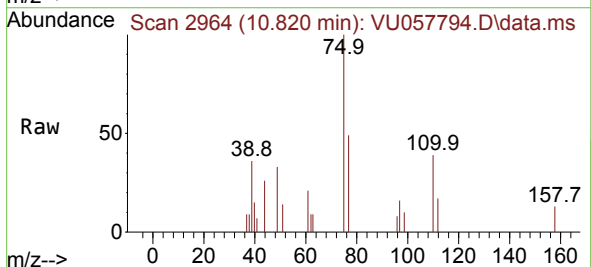
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

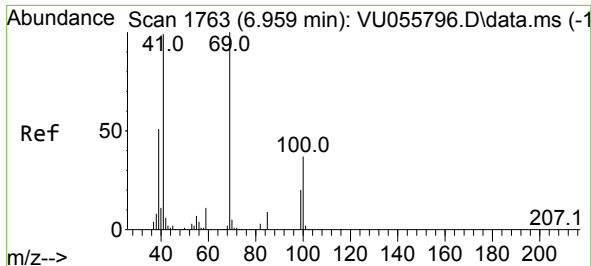
Tgt Ion:	43	Resp:	11891
Ion	Ratio	Lower	Upper
43	100		
58	40.3	20.9	62.8
85	18.9	14.6	21.8



#46
t-1,4-Dichloro-2-butene
Concen: 3.035 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.010 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion:	75	Resp:	4162
Ion	Ratio	Lower	Upper
75	100		
53	24.4	73.3	109.9#
89	15.1	48.2	72.4#
88	6.8	36.4	54.6#





#47

Methyl methacrylate

Concen: 0.744 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU057794.D

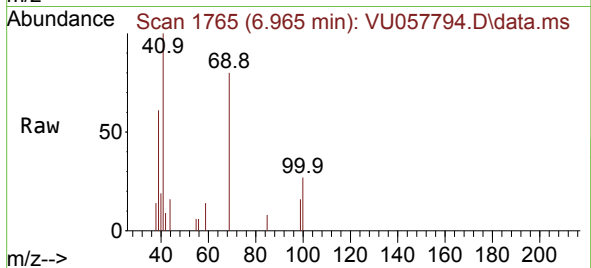
Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 69 Resp: 3724

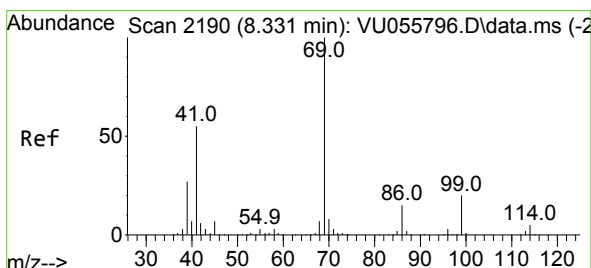
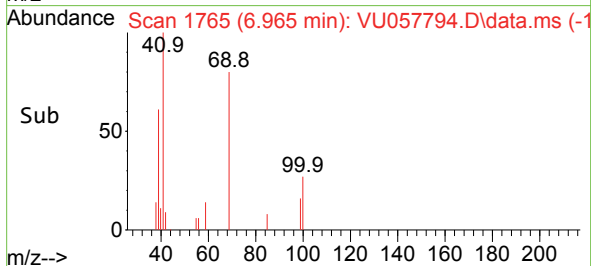
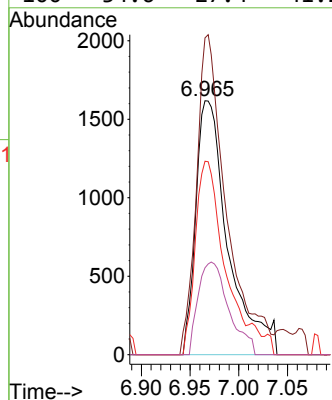
Ion Ratio Lower Upper

69 100

41 118.1 0.0 209.2

39 72.9 46.7 70.1#

100 34.6 27.4 41.2



#48

Ethyl methacrylate

Concen: 0.340 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.007 min

Lab File: VU057794.D

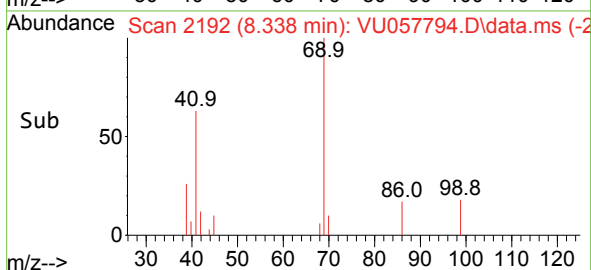
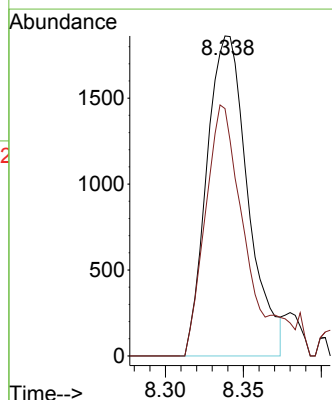
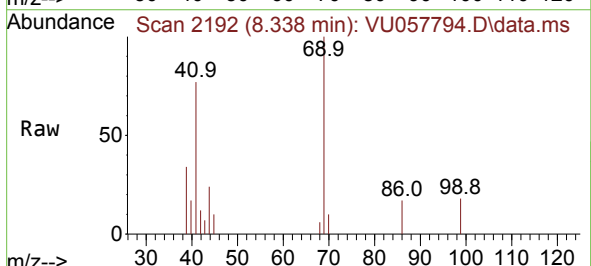
Acq: 02 Feb 2024 14:41

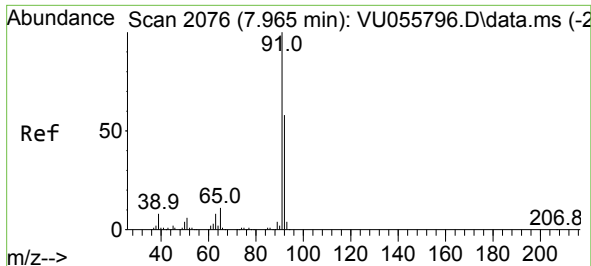
Tgt Ion: 69 Resp: 3408

Ion Ratio Lower Upper

69 100

41 78.9 30.3 90.8





#49

Toluene

Concen: 0.418 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

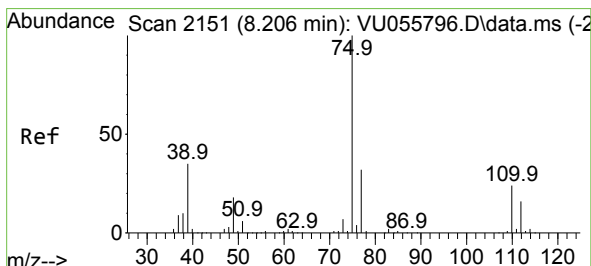
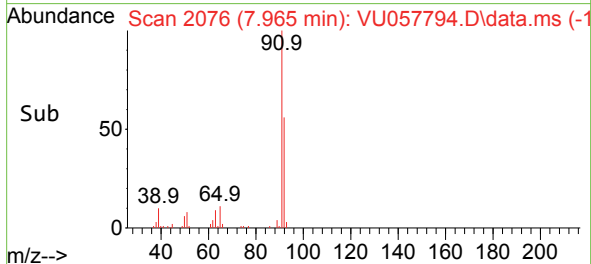
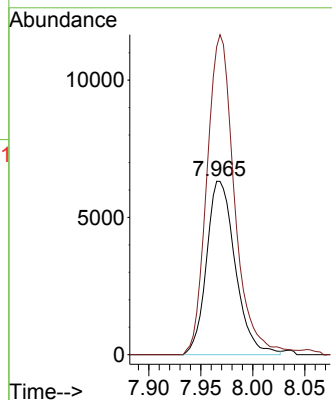
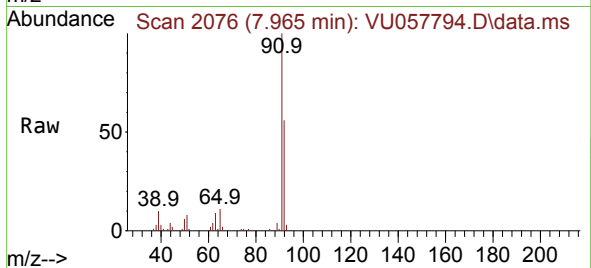
LOQ-WATER-02-QT1-2024

Tgt Ion: 92 Resp: 12141

Ion Ratio Lower Upper

92 100

91 177.9 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 0.397 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.007 min

Lab File: VU057794.D

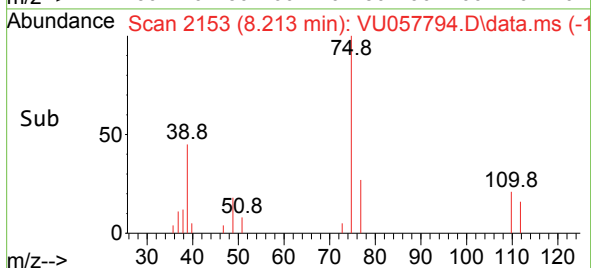
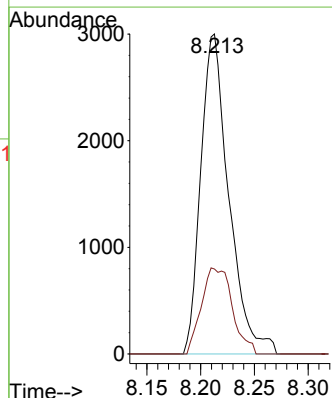
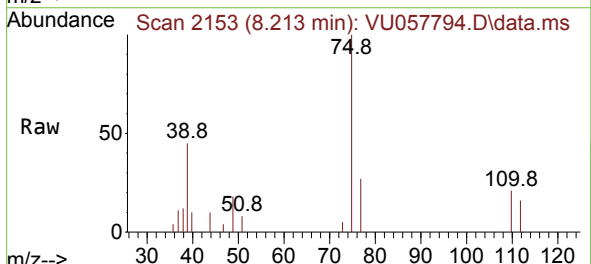
Acq: 02 Feb 2024 14:41

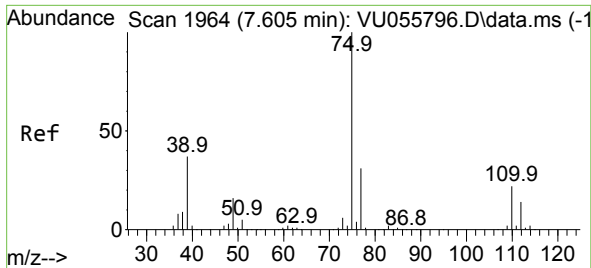
Tgt Ion: 75 Resp: 5440

Ion Ratio Lower Upper

75 100

77 26.6 25.3 37.9

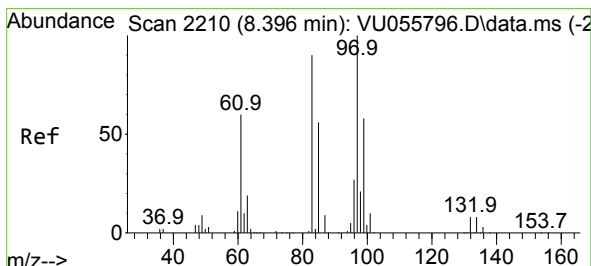
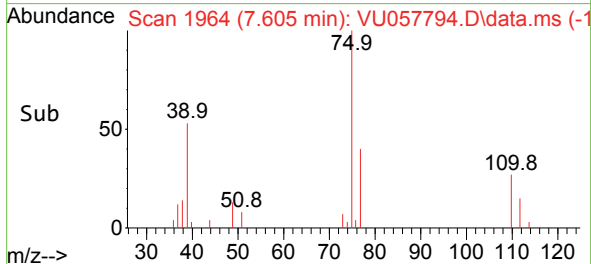
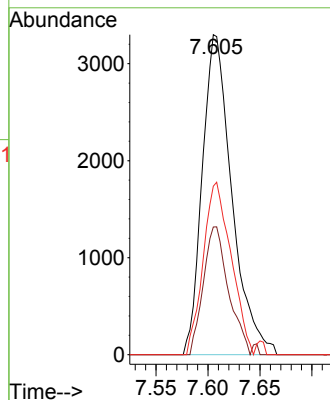
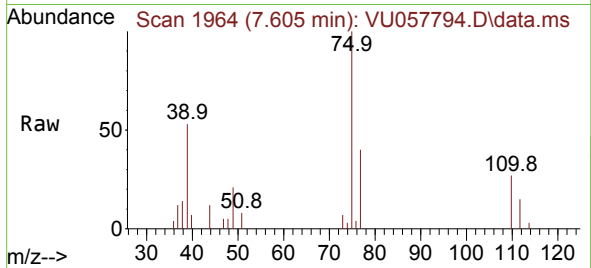




#51
 cis-1,3-Dichloropropene
 Concen: 0.377 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

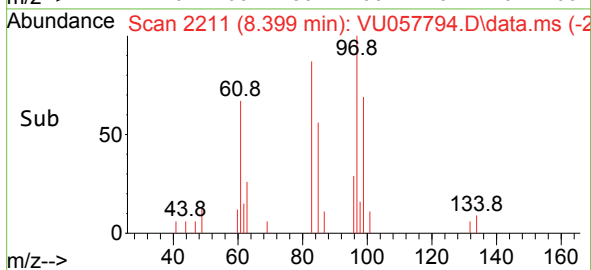
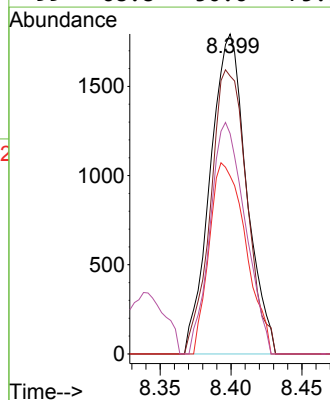
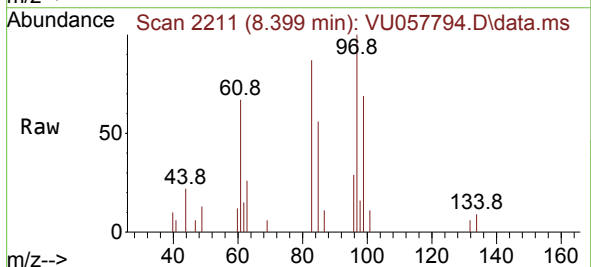
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT1-2024

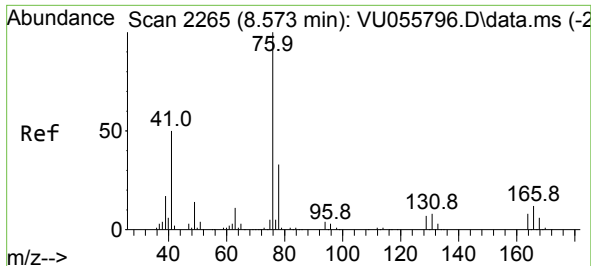
Tgt Ion:	75	Resp:	6533
Ion	Ratio	Lower	Upper
75	100		
77	39.9	25.7	38.5#
39	52.7	32.8	49.2#



#52
 1,1,2-Trichloroethane
 Concen: 0.410 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

Tgt Ion:	97	Resp:	3197
Ion	Ratio	Lower	Upper
97	100		
83	86.8	71.8	107.8
85	55.6	45.2	67.8
99	68.8	50.6	75.8





#53

1,3-Dichloropropane

Concen: 0.431 ug/l

RT: 8.573 min Scan# 2102

Delta R.T. -0.000 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

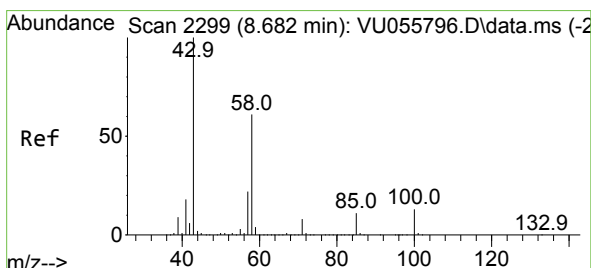
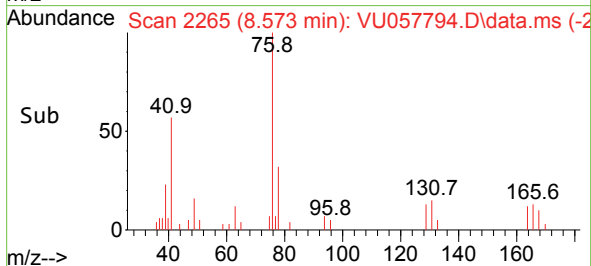
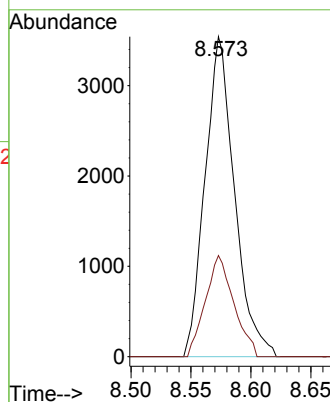
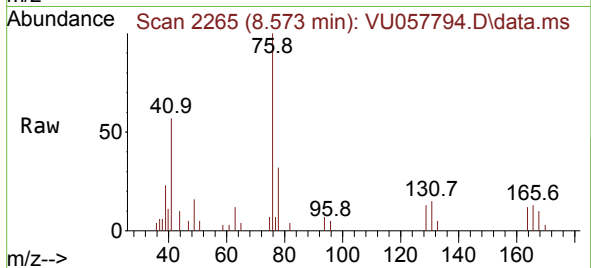
LOQ-WATER-02-QT1-2024

Tgt Ion: 76 Resp: 6046

Ion Ratio Lower Upper

76 100

78 30.5 25.9 38.9



#54

2-Hexanone

Concen: 1.932 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.010 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

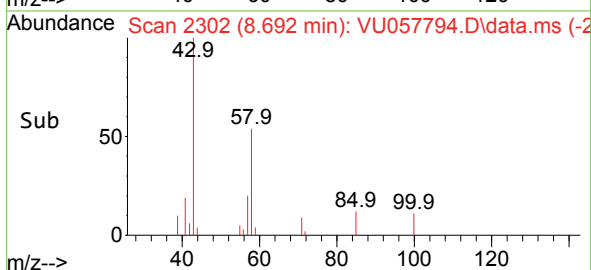
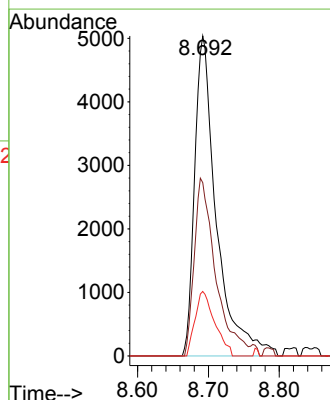
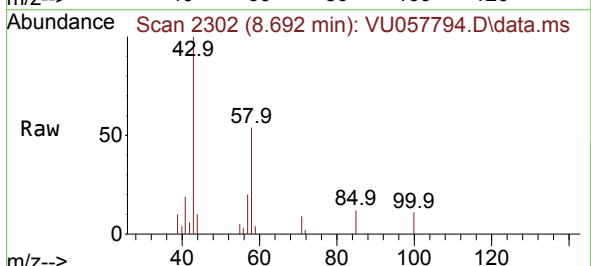
Tgt Ion: 43 Resp: 10734

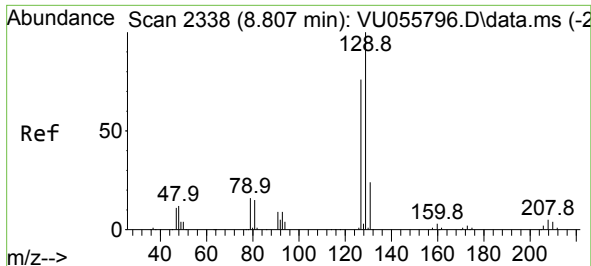
Ion Ratio Lower Upper

43 100

58 54.4 38.2 78.2

57 18.2 0.0 39.1

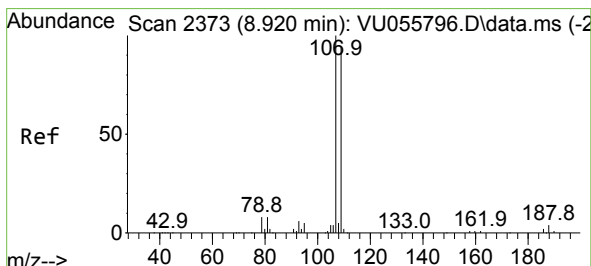
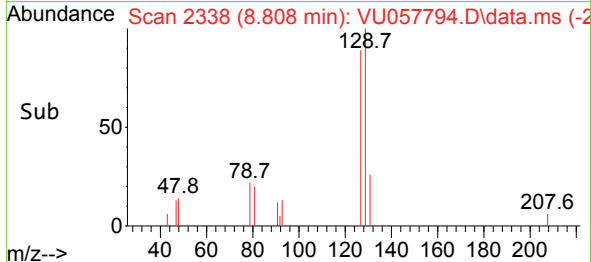
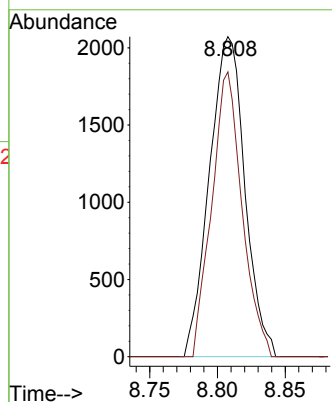
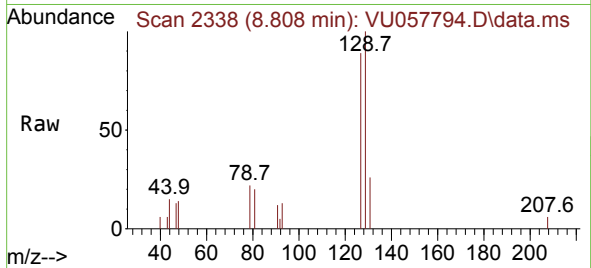




#55
Dibromochloromethane
Concen: 0.391 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

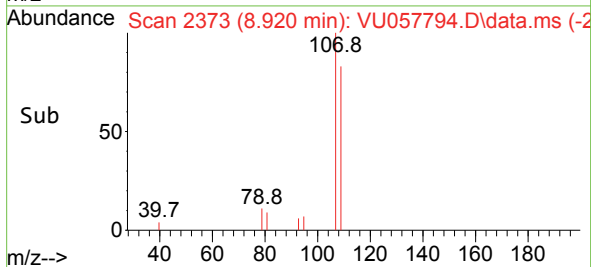
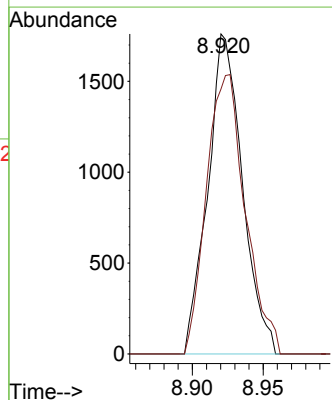
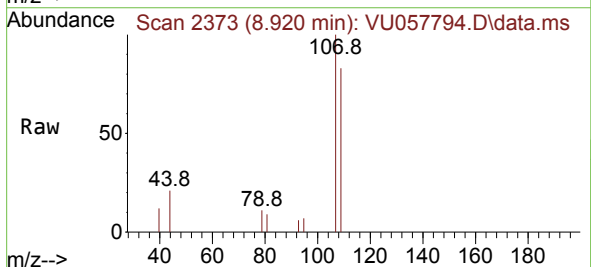
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

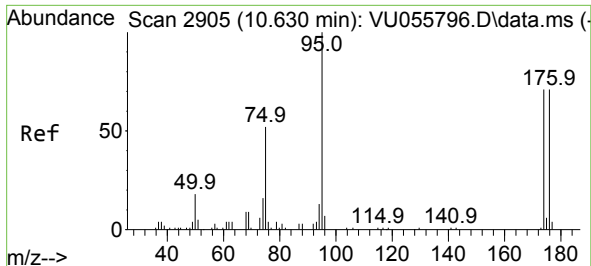
Tgt Ion:129 Resp: 3778
Ion Ratio Lower Upper
129 100
127 75.9 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.416 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion:107 Resp: 2989
Ion Ratio Lower Upper
107 100
109 97.9 0.0 184.4

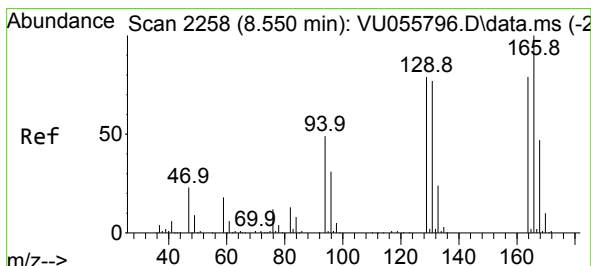
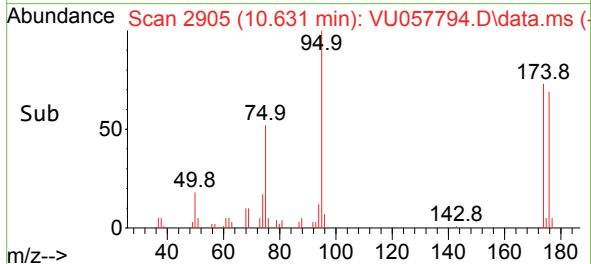
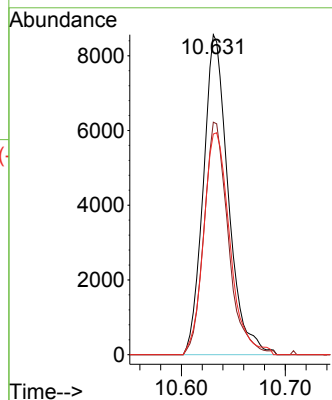
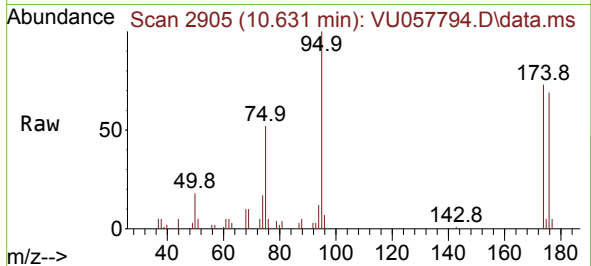




#57
4-Bromofluorobenzene
Concen: 0.890 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

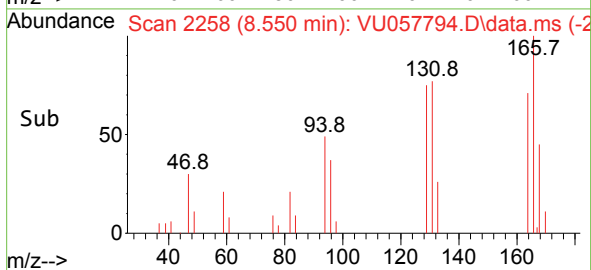
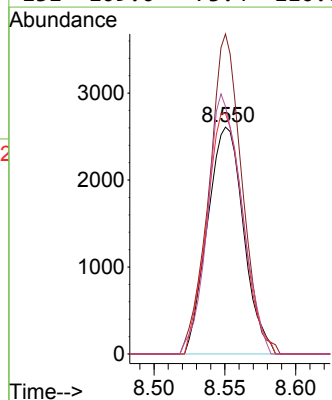
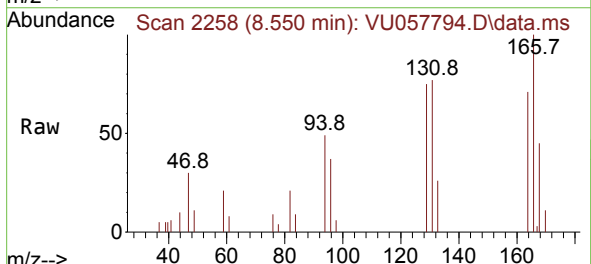
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

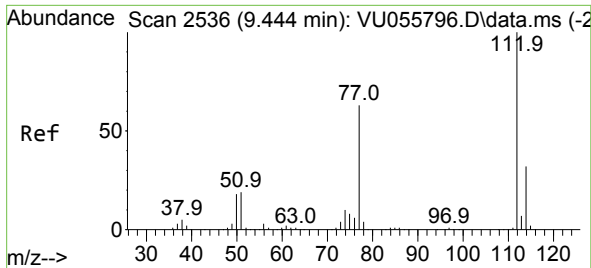
Tgt Ion: 95 Resp: 14296
Ion Ratio Lower Upper
95 100
174 70.7 63.3 94.9
176 72.8 59.3 88.9



#58
Tetrachloroethene
Concen: 0.416 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 164 Resp: 4629
Ion Ratio Lower Upper
164 100
166 141.0 99.6 149.4
129 106.0 78.6 117.8
131 109.0 73.4 110.0

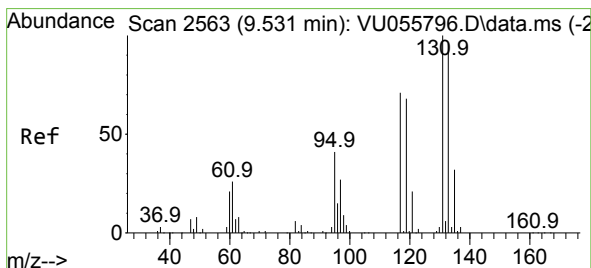
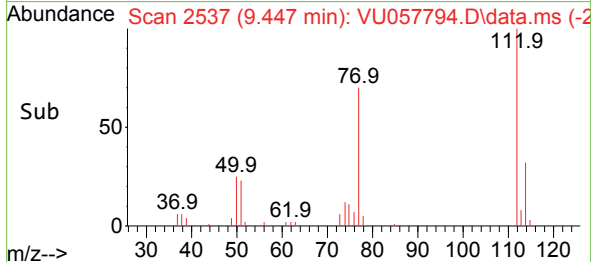
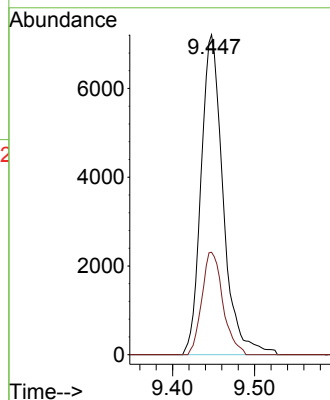
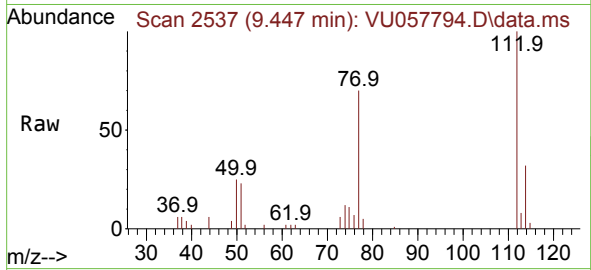




#59
Chlorobenzene
Concen: 0.419 ug/l
RT: 9.447 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

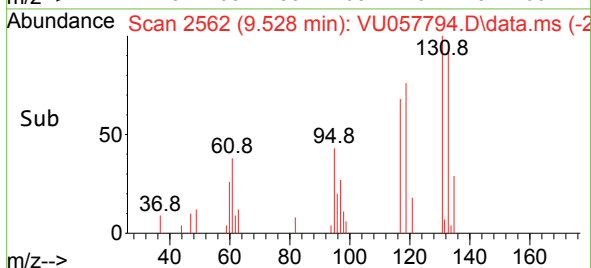
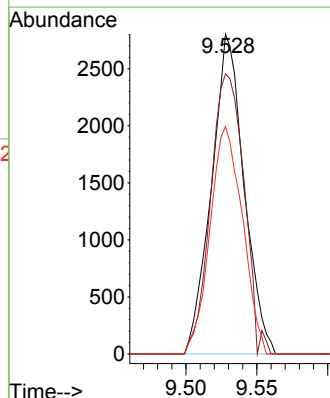
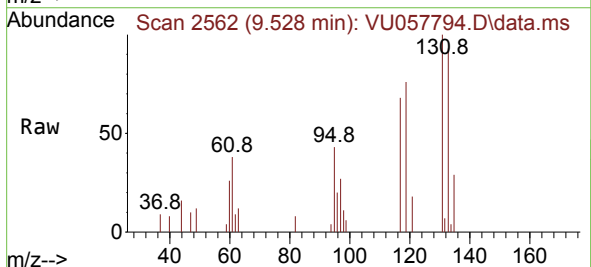
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

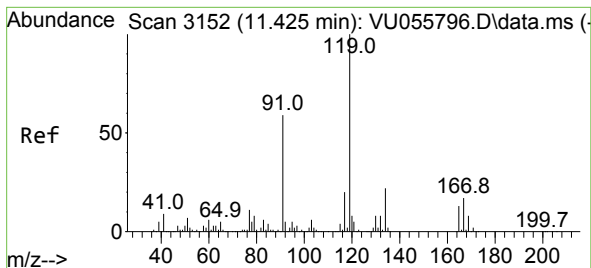
Tgt Ion:112 Resp: 13444
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.411 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion:131 Resp: 4476
Ion Ratio Lower Upper
131 100
133 89.9 77.8 116.6
119 71.2 55.2 82.8





#61

Pentachloroethane

Concen: 0.358 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. -0.007 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

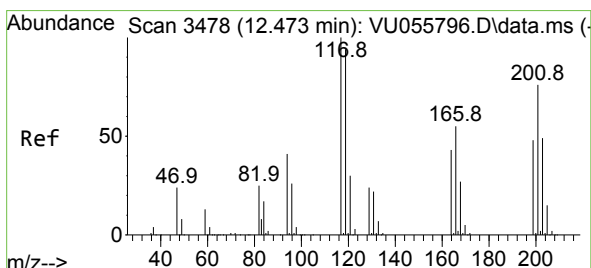
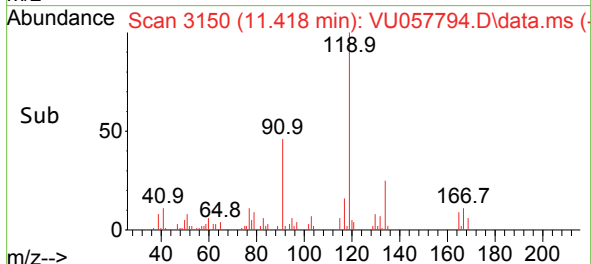
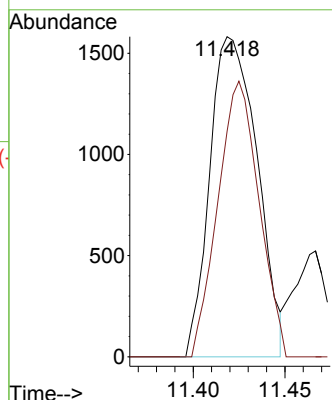
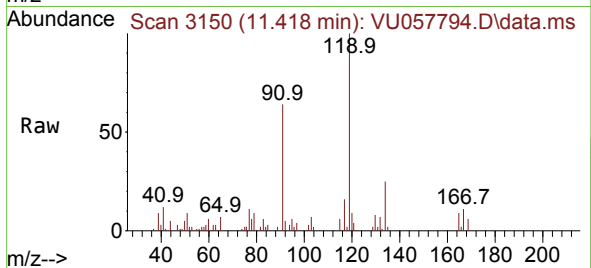
LOQ-WATER-02-QT1-2024

Tgt Ion:117 Resp: 2838

Ion Ratio Lower Upper

117 100

167 74.8 56.7 85.1



#62

Hexachloroethane

Concen: 0.331 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. -0.003 min

Lab File: VU057794.D

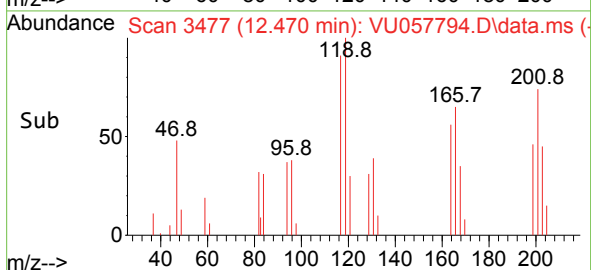
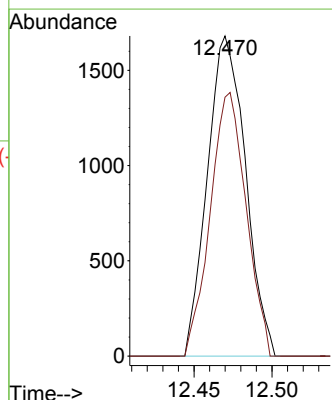
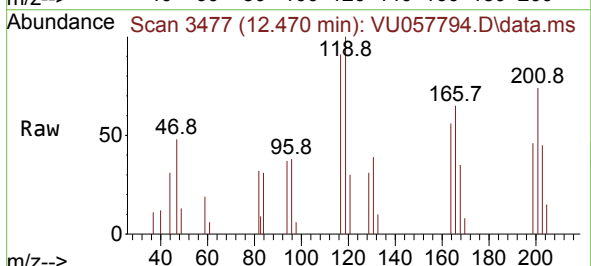
Acq: 02 Feb 2024 14:41

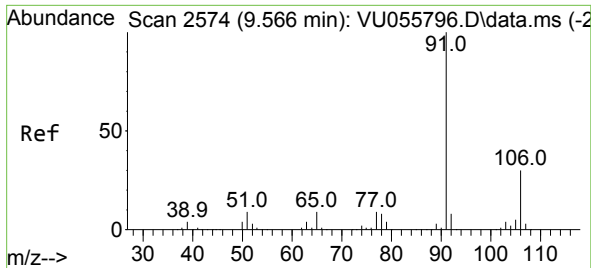
Tgt Ion:117 Resp: 2860

Ion Ratio Lower Upper

117 100

201 77.4 59.6 89.4

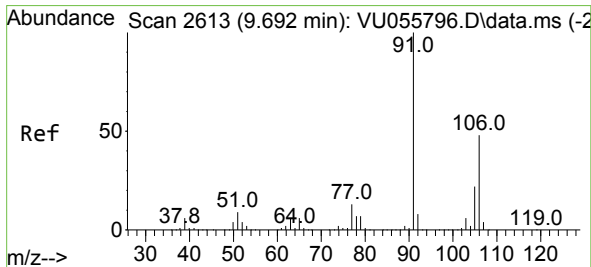
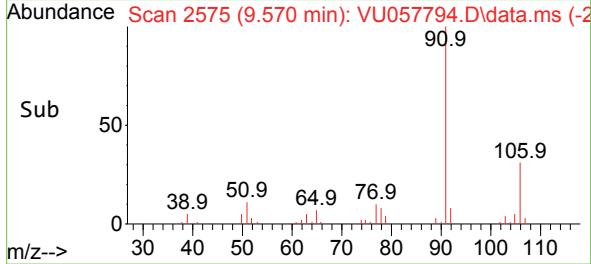
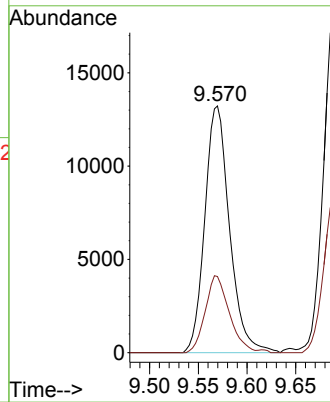
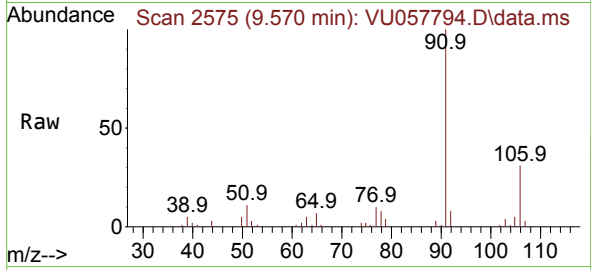




#63
Ethyl Benzene
Concen: 0.409 ug/l
RT: 9.570 min Scan# 2574
Delta R.T. 0.004 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

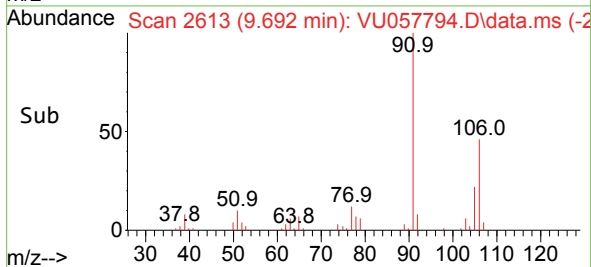
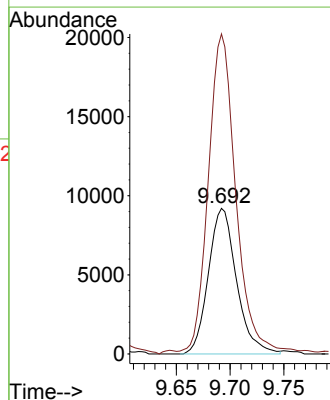
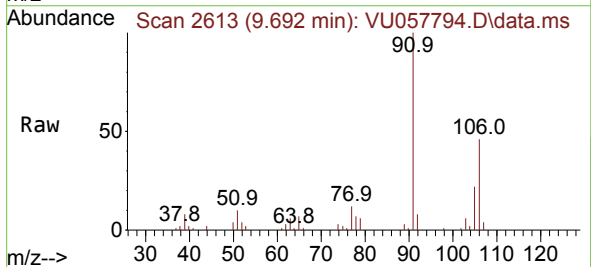
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

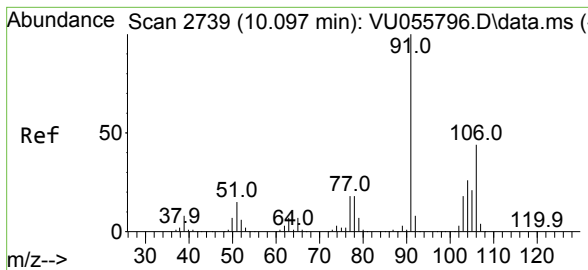
Tgt Ion: 91 Resp: 23355
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2



#64
m/p-Xylenes
Concen: 0.810 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion:106 Resp: 16789
Ion Ratio Lower Upper
106 100
91 210.4 167.3 250.9

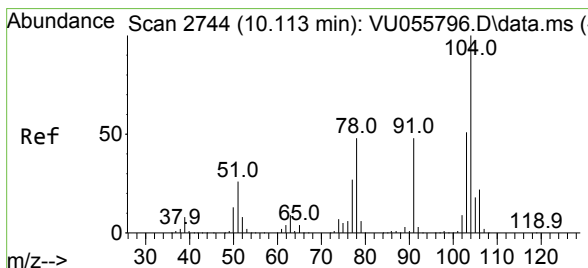
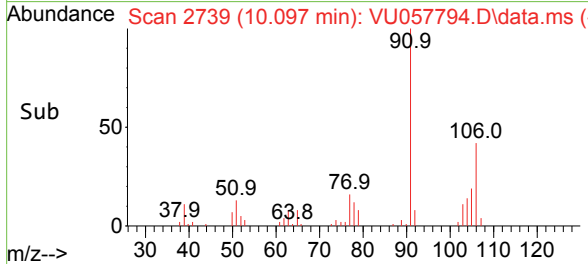
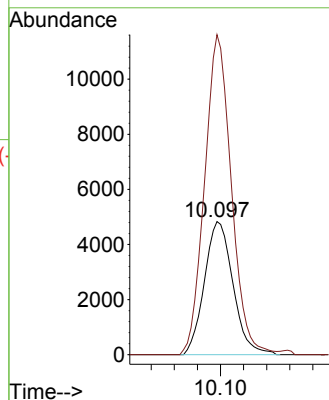
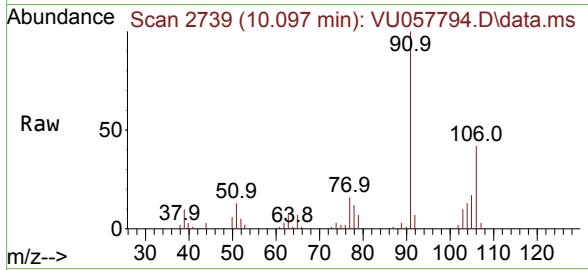




#65
o-Xylene
Concen: 0.404 ug/l
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

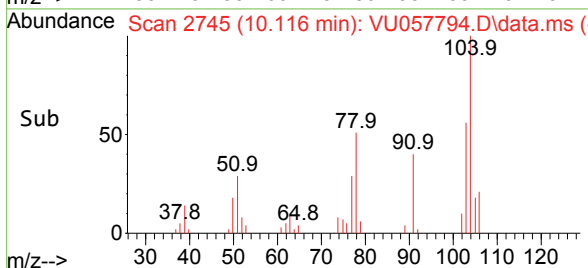
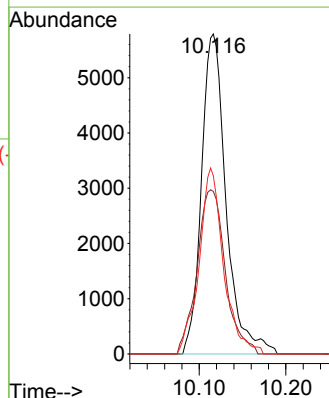
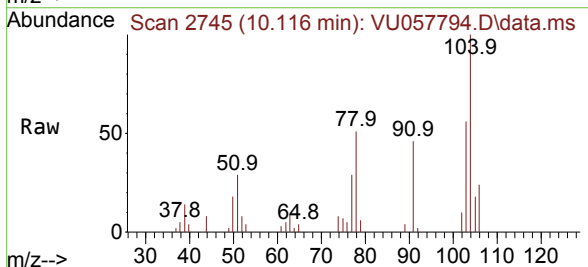
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

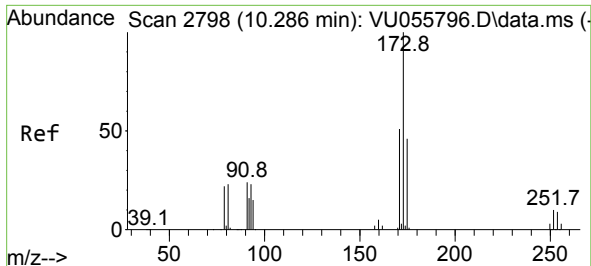
Tgt Ion:106 Resp: 8296
Ion Ratio Lower Upper
106 100
91 225.2 109.3 327.9



#66
Styrene
Concen: 0.373 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion:104 Resp: 11428
Ion Ratio Lower Upper
104 100
78 59.0 39.7 59.5
103 57.8 44.8 67.2

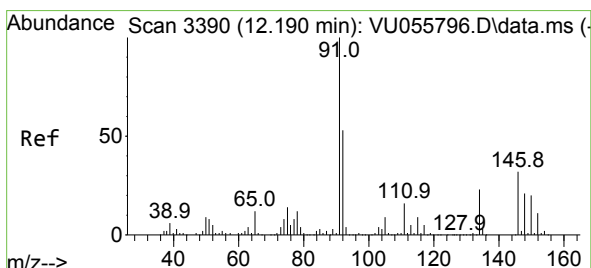
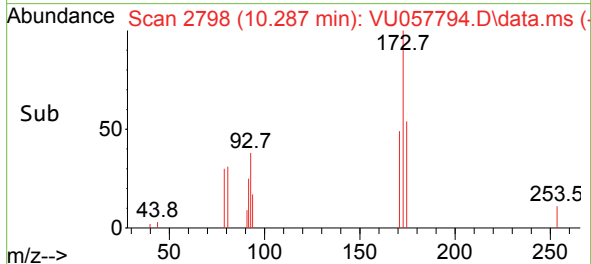
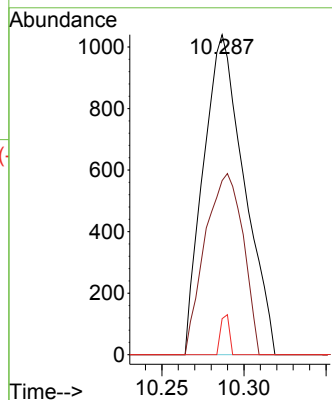
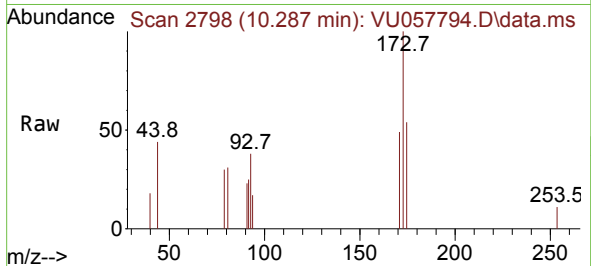




#67
Bromoform
Concen: 0.360 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

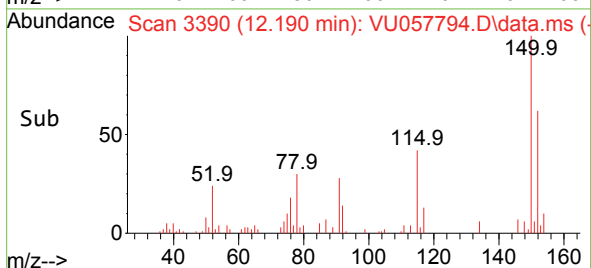
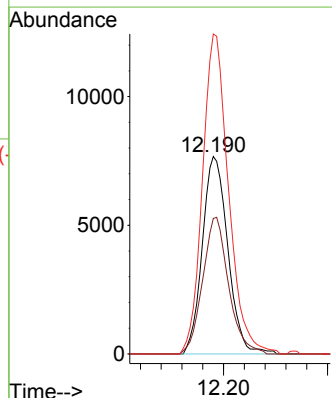
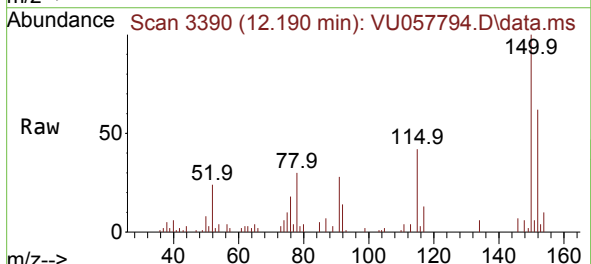
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

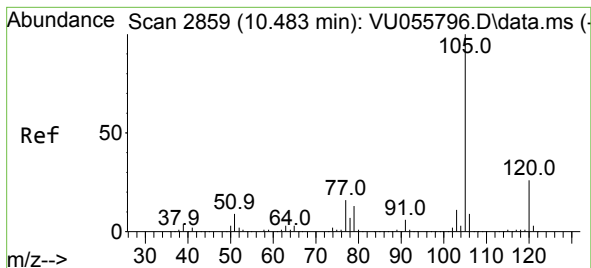
Tgt Ion:173 Resp: 1789
Ion Ratio Lower Upper
173 100
175 53.0 39.0 58.6
254 2.7 7.4 11.0#



#68
1,2-Dichlorobenzene-d4
Concen: 0.903 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion:152 Resp: 13060
Ion Ratio Lower Upper
152 100
115 70.5 0.0 308.8
150 165.4 0.0 635.0





#69

Isopropylbenzene

Concen: 0.409 ug/l

RT: 10.480 min Scan# 21990

Delta R.T. -0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

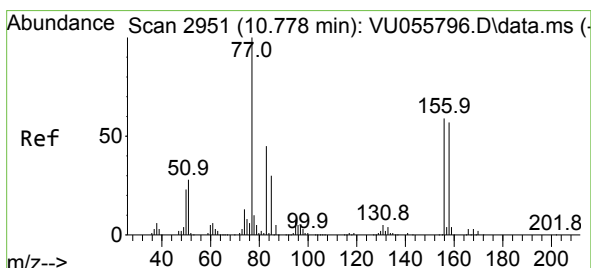
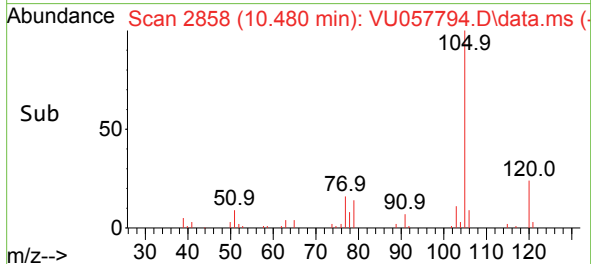
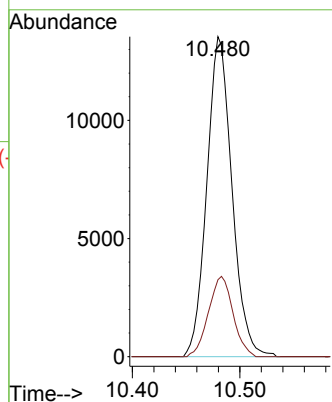
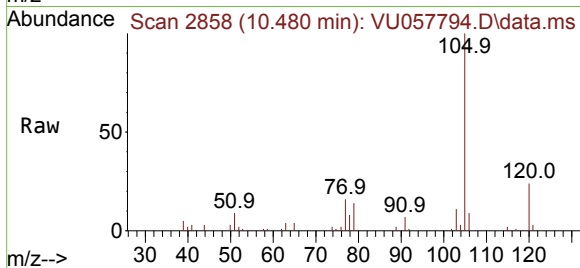
LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 21990

Ion Ratio Lower Upper

105 100

120 24.5 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.354 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.001 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

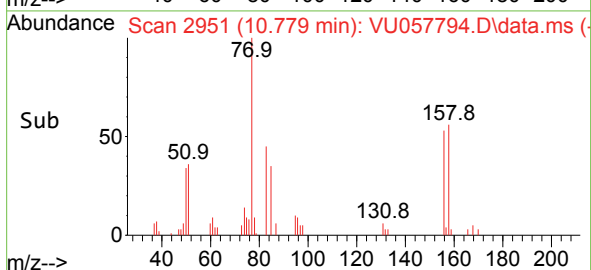
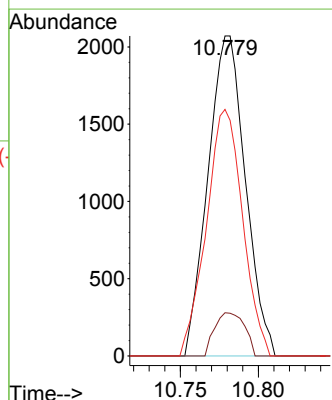
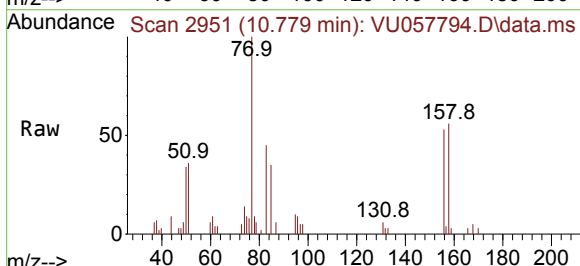
Tgt Ion: 83 Resp: 3458

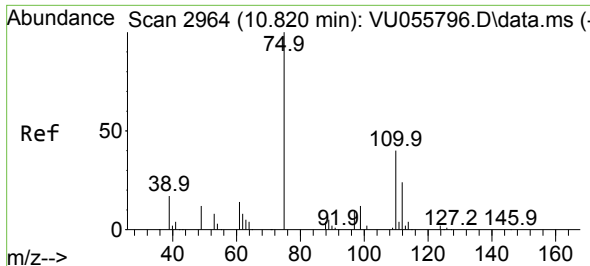
Ion Ratio Lower Upper

83 100

131 10.8 7.2 10.8

85 74.6 50.5 75.7

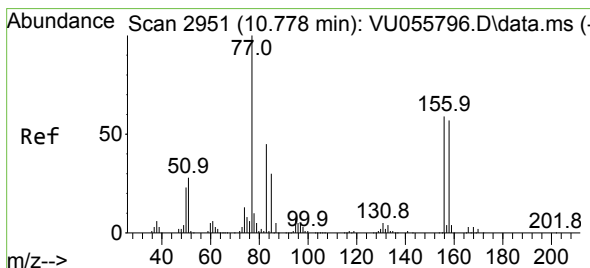
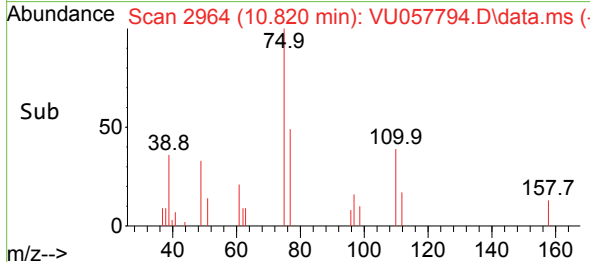
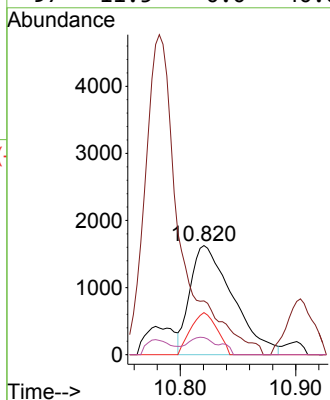
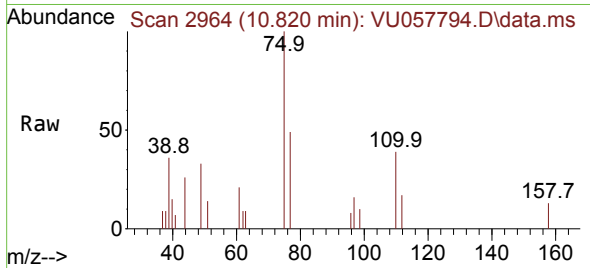




#71
1,2,3-Trichloropropane
Concen: 0.515 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

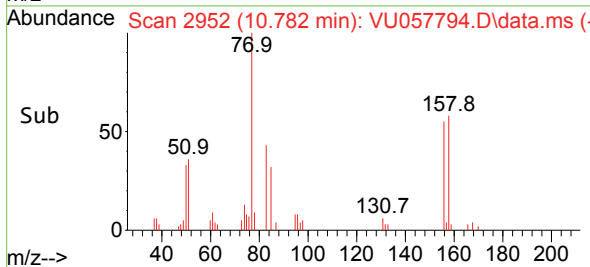
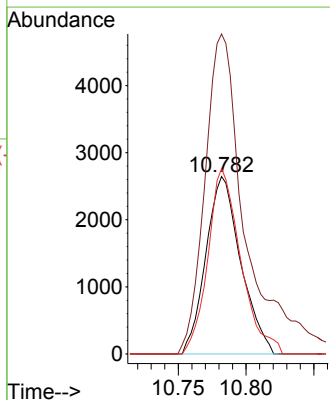
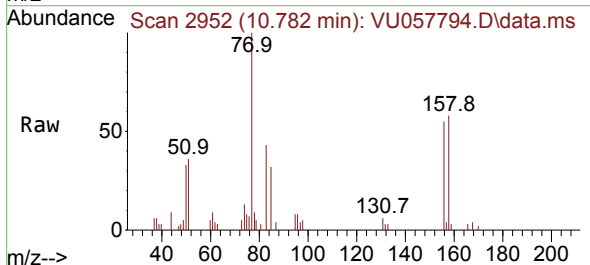
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

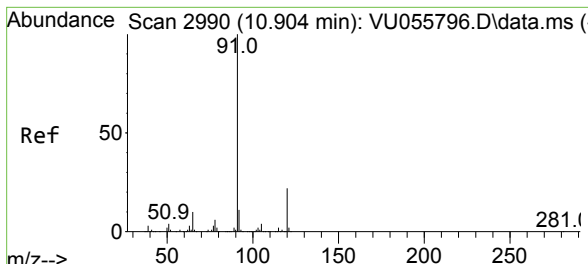
Tgt Ion:	75	Resp:	4162
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	116.4
110	23.9	0.0	74.6
97	11.5	0.0	40.0



#72
Bromobenzene
Concen: 0.399 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion:	156	Resp:	4727
Ion	Ratio	Lower	Upper
156	100		
77	212.1	0.0	343.0
158	98.5	0.0	194.8

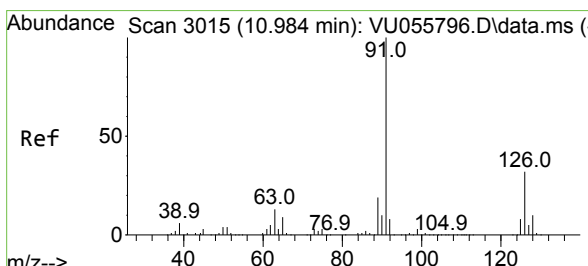
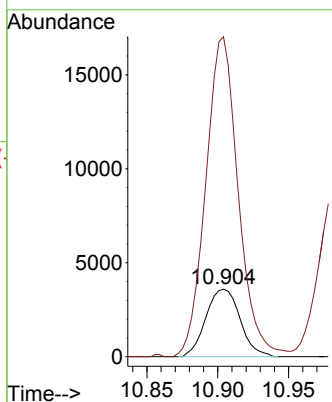
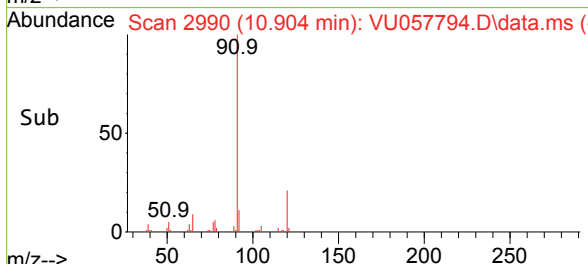
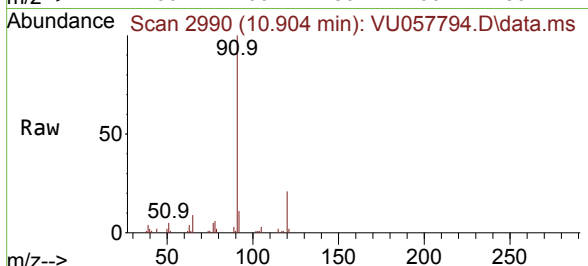




#73
 n-propylbenzene
 Concen: 0.447 ug/l
 RT: 10.904 min Scan# 2990
 Delta R.T. 0.000 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

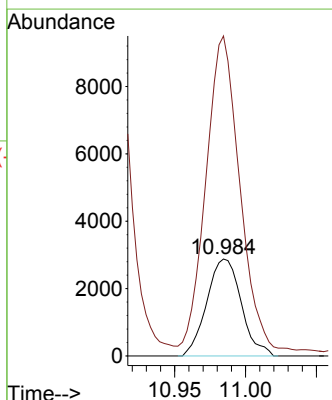
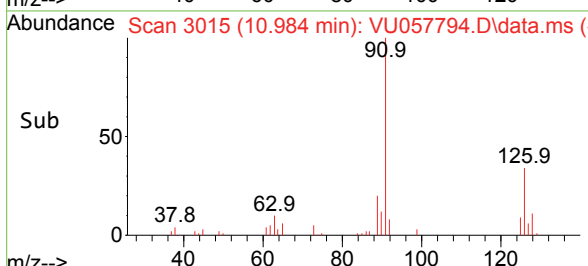
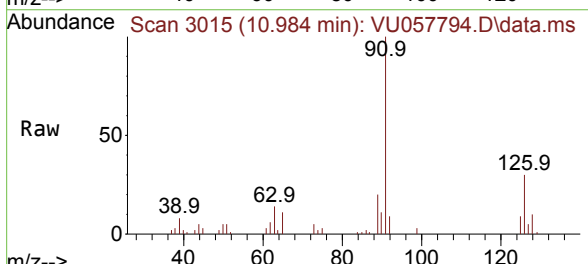
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT1-2024

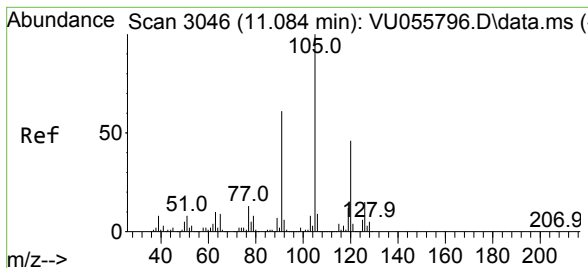
Tgt Ion:	120	Resp:	6033
Ion Ratio	Lower	Upper	
120	100		
91	451.2	369.8	554.6



#74
 2-Chlorotoluene
 Concen: 0.388 ug/l
 RT: 10.984 min Scan# 3015
 Delta R.T. 0.000 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

Tgt Ion:	126	Resp:	4869
Ion Ratio	Lower	Upper	
126	100		
91	327.6	0.0	610.0





#75

1,3,5-Trimethylbenzene

Concen: 0.400 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

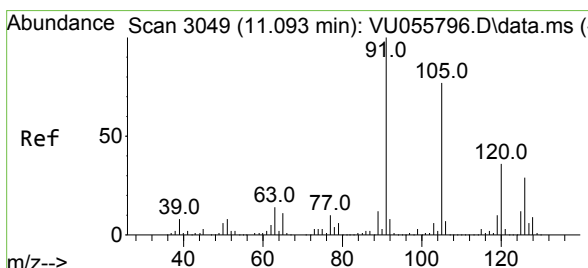
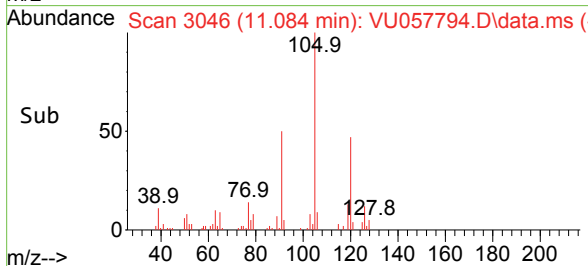
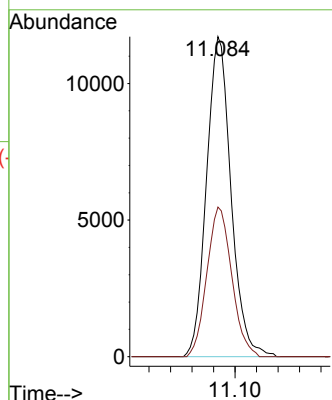
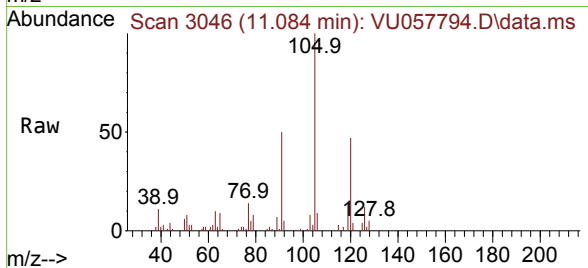
LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 18496

Ion Ratio Lower Upper

105 100

120 47.5 37.8 56.8



#76

4-Chlorotoluene

Concen: 0.409 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.004 min

Lab File: VU057794.D

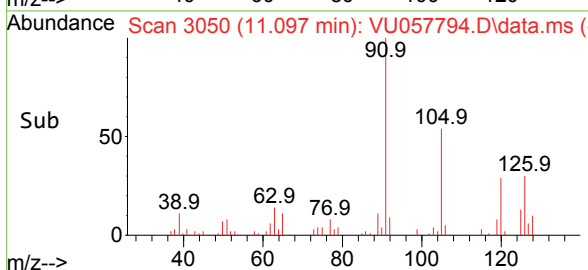
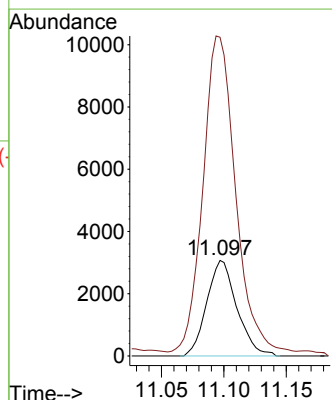
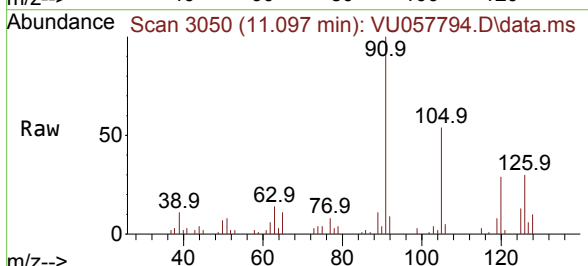
Acq: 02 Feb 2024 14:41

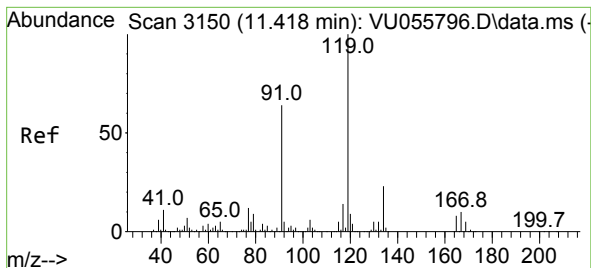
Tgt Ion:126 Resp: 5150

Ion Ratio Lower Upper

126 100

91 356.9 0.0 686.2





#77

tert-Butylbenzene

Concen: 0.414 ug/l

RT: 11.415 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

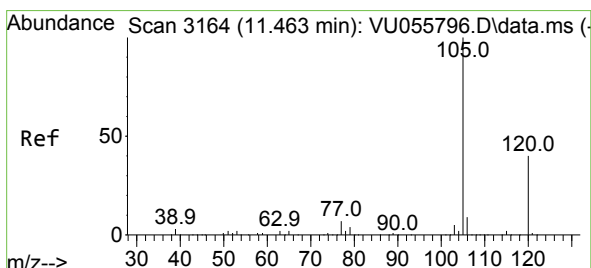
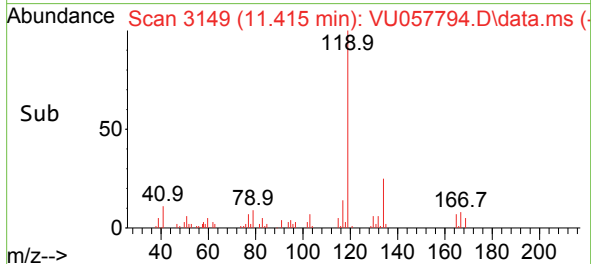
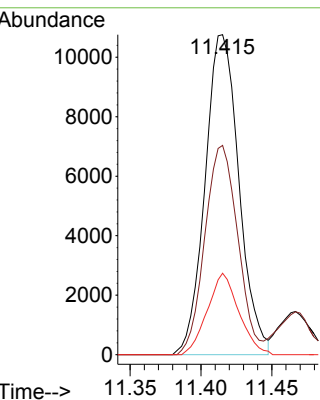
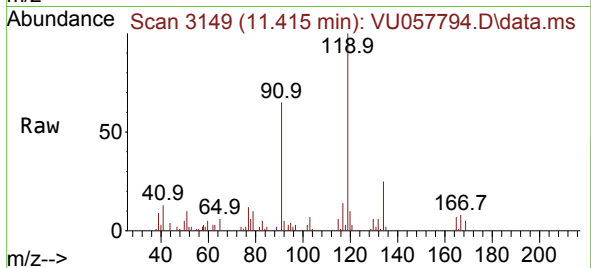
Tgt Ion:119 Resp: 17927

Ion Ratio Lower Upper

119 100

91 63.7 30.8 92.4

134 23.7 18.0 27.0



#78

1,2,4-Trimethylbenzene

Concen: 0.424 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU057794.D

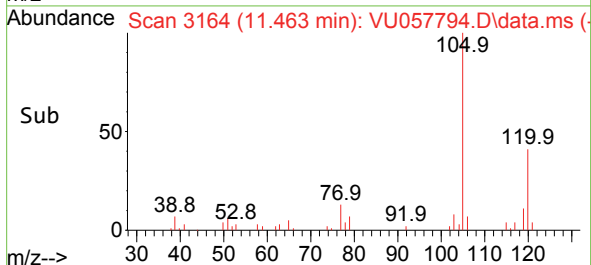
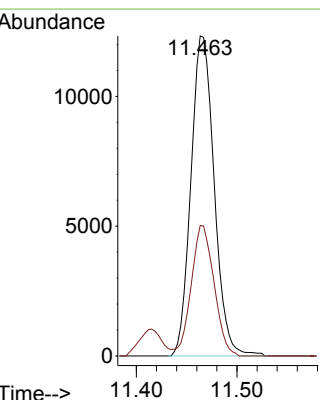
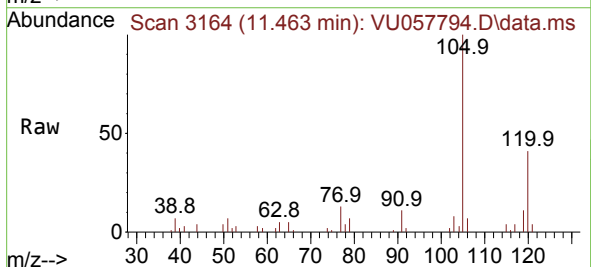
Acq: 02 Feb 2024 14:41

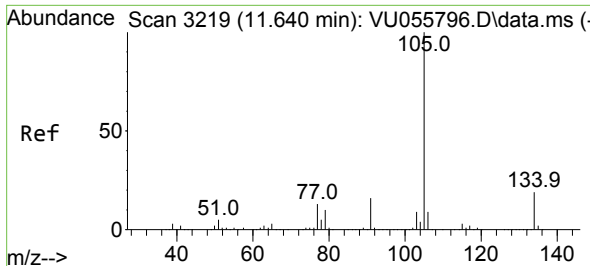
Tgt Ion:105 Resp: 19858

Ion Ratio Lower Upper

105 100

120 40.1 21.9 65.8

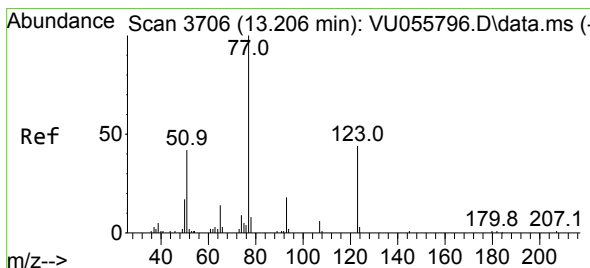
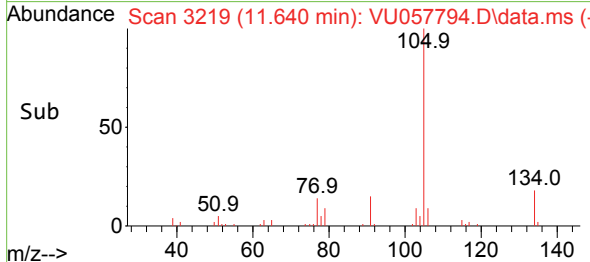
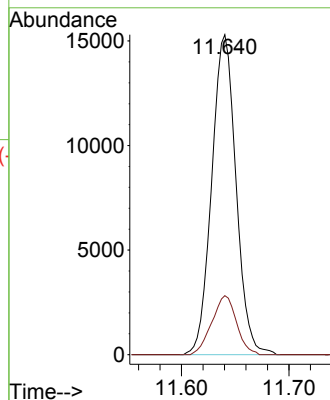
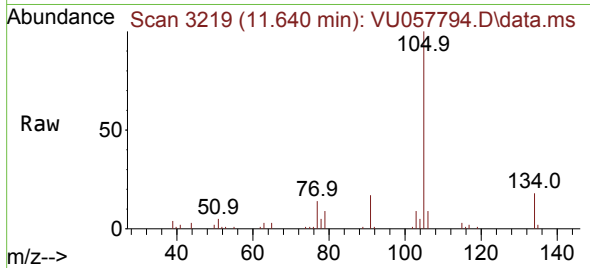




#79
 sec-Butylbenzene
 Concen: 0.434 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

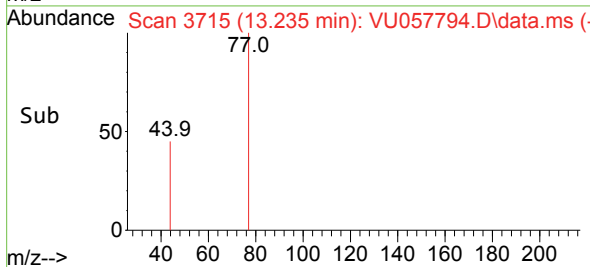
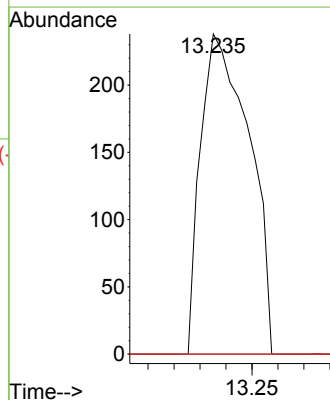
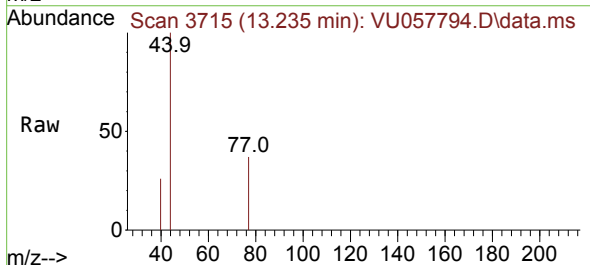
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

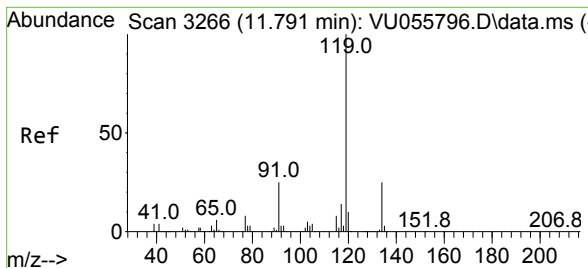
Tgt Ion:105 Resp: 24030
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.9 22.3



#80
 Nitrobenzene
 Concen: 1.612 ug/l
 RT: 13.235 min Scan# 3715
 Delta R.T. 0.029 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

Tgt Ion: 77 Resp: 309
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.7 69.7#
 65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.417 ug/l

RT: 11.788 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

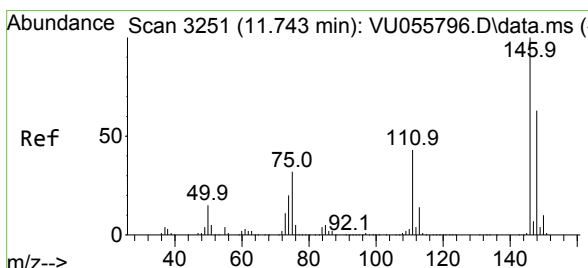
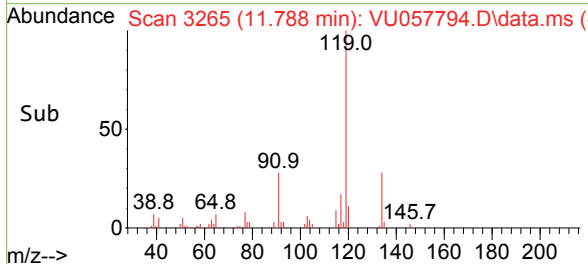
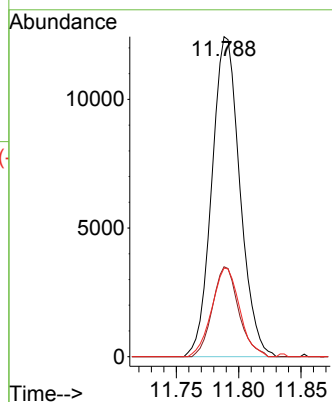
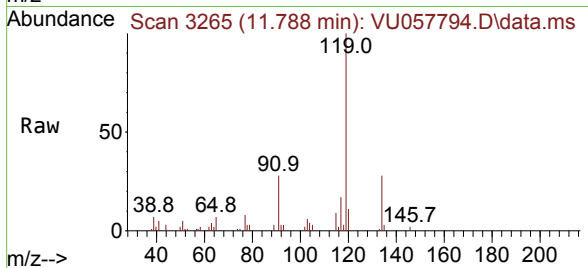
Tgt Ion:119 Resp: 19483

Ion Ratio Lower Upper

119 100

134 26.3 20.2 30.4

91 27.5 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.448 ug/l

RT: 11.746 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

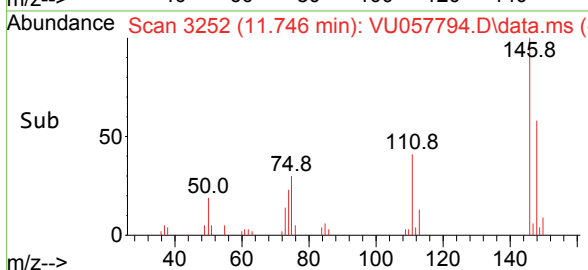
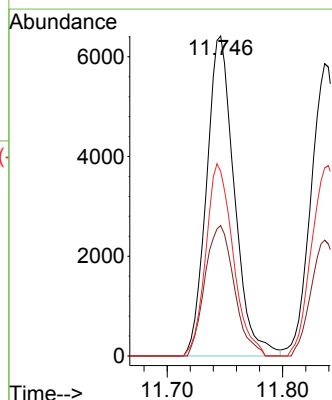
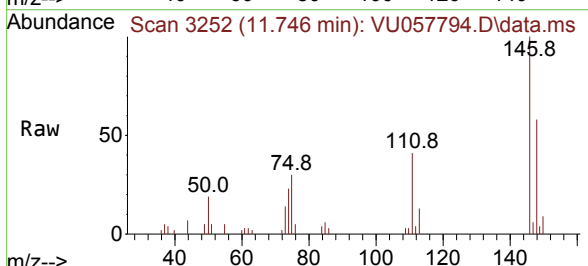
Tgt Ion:146 Resp: 10723

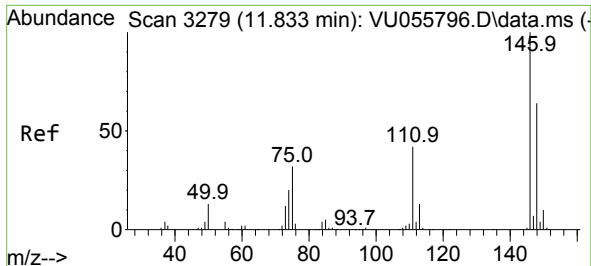
Ion Ratio Lower Upper

146 100

111 43.0 32.6 49.0

148 58.9 51.0 76.4

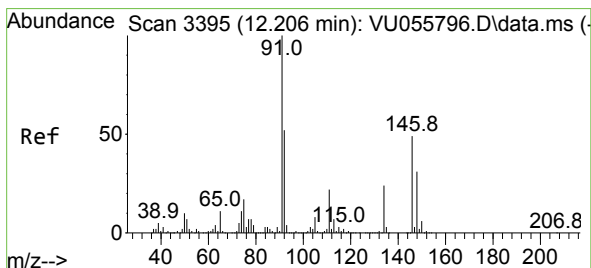
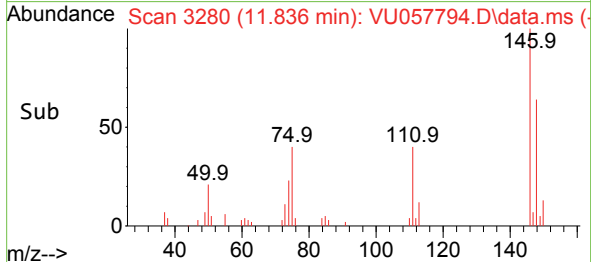
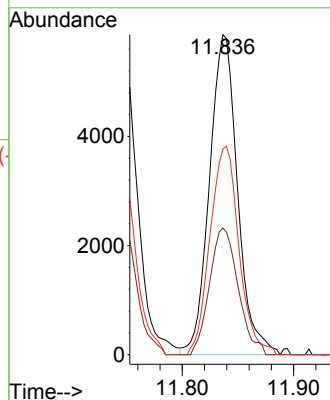
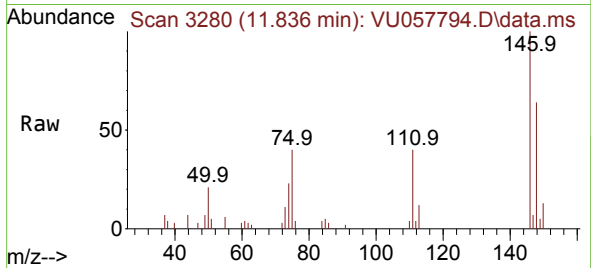




#83
1,4-Dichlorobenzene
Concen: 0.440 ug/l
RT: 11.836 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

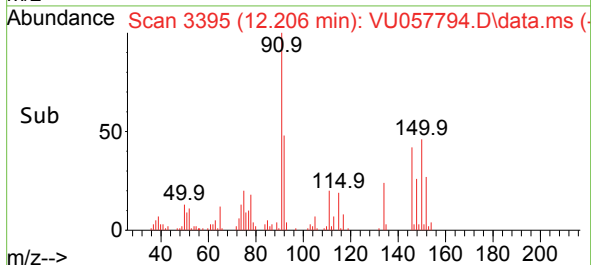
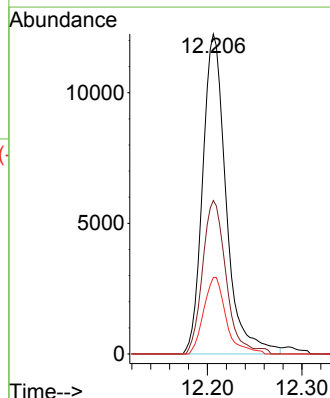
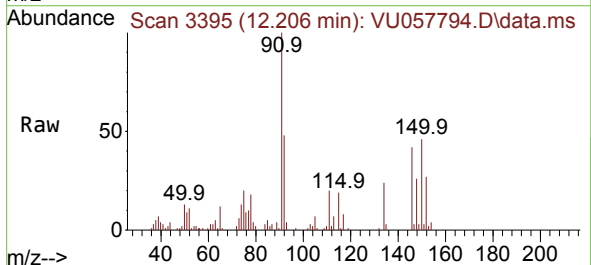
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

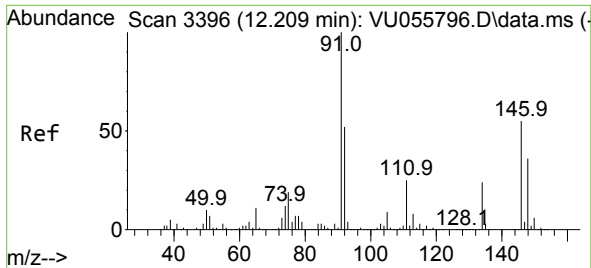
Tgt Ion:146 Resp: 10278
Ion Ratio Lower Upper
146 100
111 40.2 31.6 47.4
148 67.1 50.3 75.5



#84
n-Butylbenzene
Concen: 0.473 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 91 Resp: 21130
Ion Ratio Lower Upper
91 100
92 47.5 40.8 61.2
134 22.9 18.4 27.6

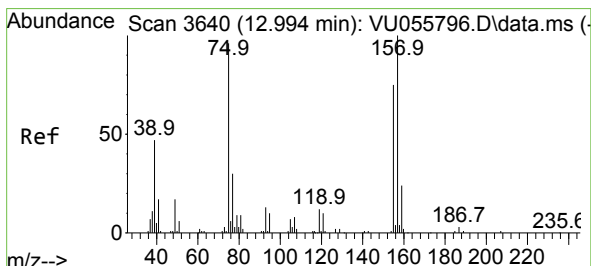
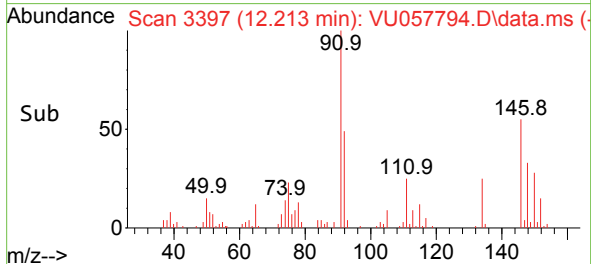
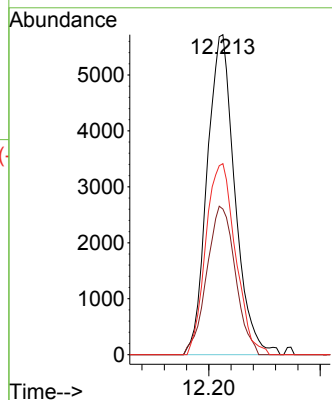
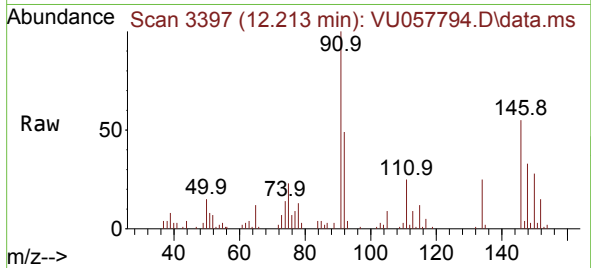




#85
 1,2-Dichlorobenzene
 Concen: 0.455 ug/l
 RT: 12.213 min Scan# 3396
 Delta R.T. 0.004 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

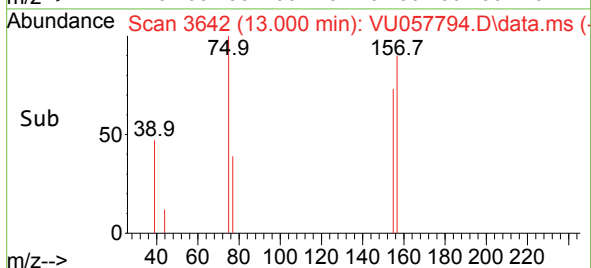
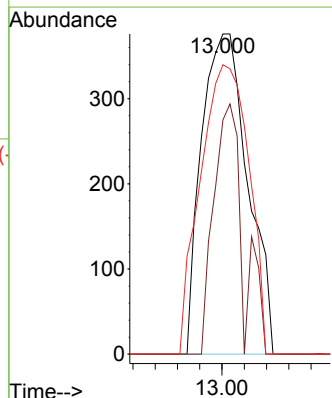
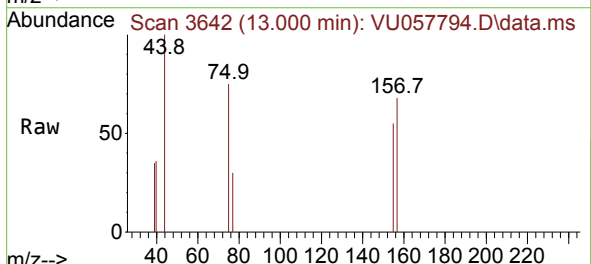
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

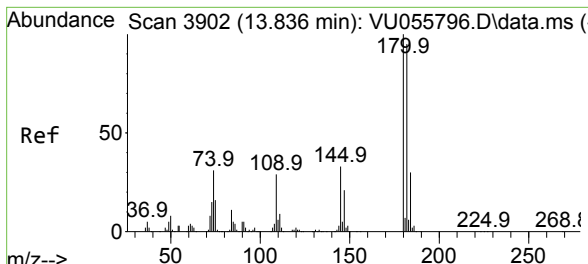
Tgt Ion:146 Resp: 9872
 Ion Ratio Lower Upper
 146 100
 111 47.8 21.6 64.6
 148 64.0 32.1 96.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.406 ug/l
 RT: 13.000 min Scan# 3642
 Delta R.T. 0.006 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

Tgt Ion: 75 Resp: 544
 Ion Ratio Lower Upper
 75 100
 155 49.4 61.8 92.8#
 157 94.7 80.2 120.4

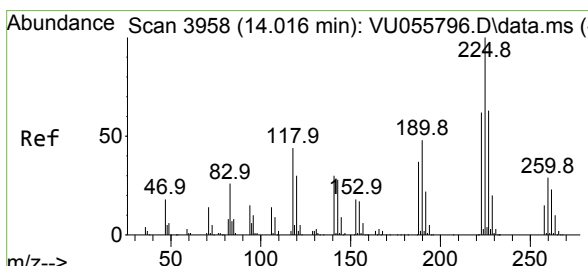
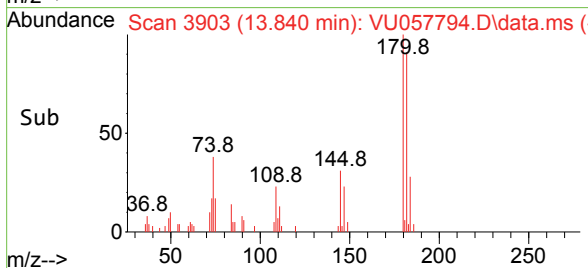
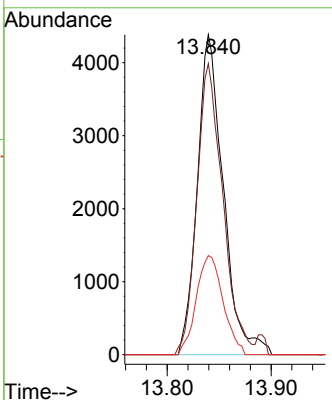
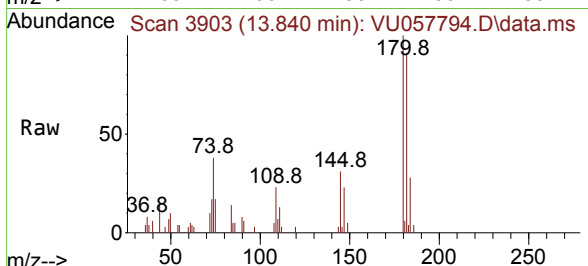




#87
 1,2,4-Trichlorobenzene
 Concen: 0.587 ug/l
 RT: 13.840 min Scan# 3902
 Delta R.T. 0.004 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

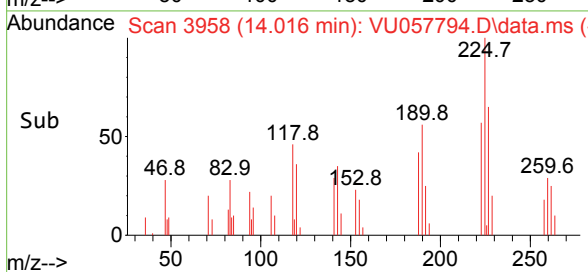
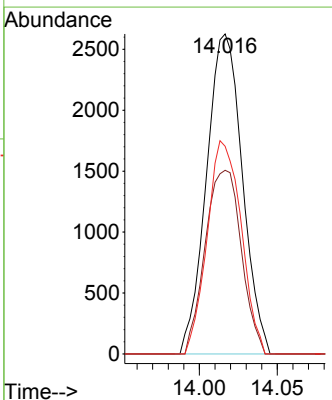
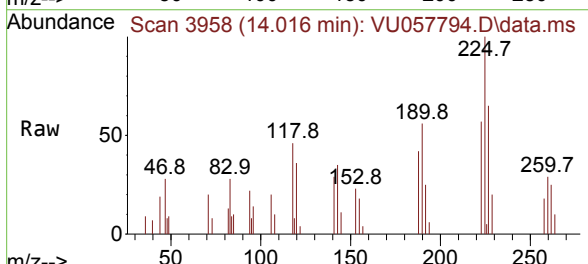
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT1-2024

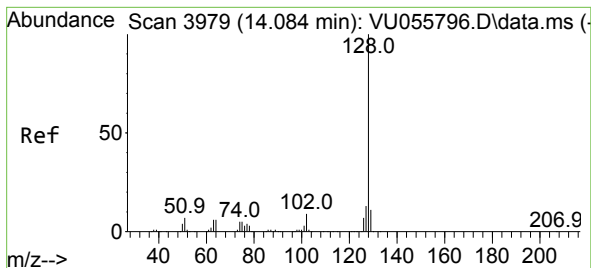
Tgt Ion:	180	Resp:	7607
Ion Ratio	Lower	Upper	
180	100		
182	90.8	75.8	113.6
145	31.9	23.9	35.9



#88
 Hexachlorobutadiene
 Concen: 0.506 ug/l
 RT: 14.016 min Scan# 3958
 Delta R.T. 0.000 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

Tgt Ion:	225	Resp:	4207
Ion Ratio	Lower	Upper	
225	100		
223	57.8	50.2	75.4
227	63.0	51.5	77.3





#89

Naphthalene

Concen: 0.609 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.006 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

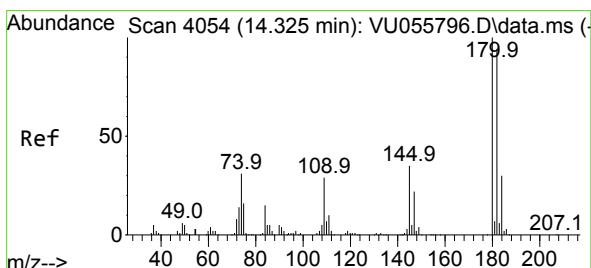
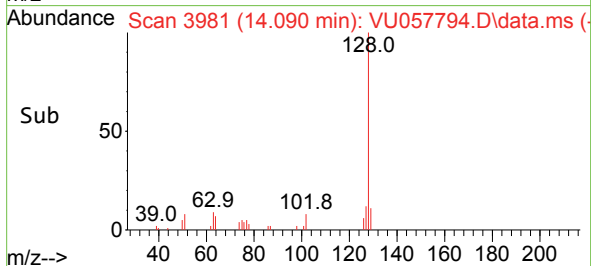
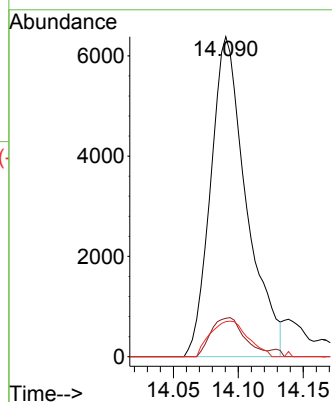
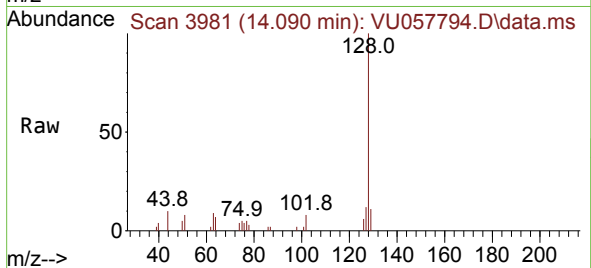
Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:128	Resp:	12202
Ion	Ratio	Lower Upper
128	100	
127	11.4	10.9 16.3
129	11.7	8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 0.583 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Tgt Ion:180	Resp:	6286
Ion	Ratio	Lower Upper
180	100	
182	93.4	75.7 113.5
145	33.1	26.1 39.1

