

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

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2024
 Supervised By : Mahesh Dadoda 02/14/2024

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	3.351	53	1234m	0.686	ug/l	
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	3.184	59	4035m	4.667	ug/l	
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	10341m	0.416	ug/l	
34) Propionitrile	4.834	54	1359m	1.869	ug/l	
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	4.888	55	1850m	0.424	ug/l	
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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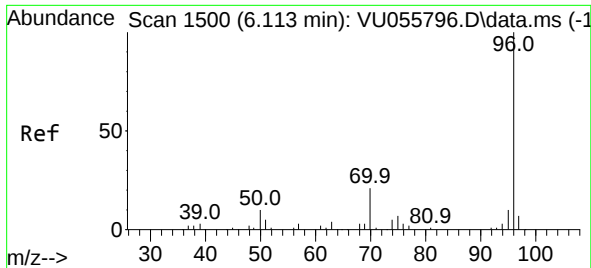
Quant Time: Feb 05 02:33:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	11891	1.970	ug/l	98
46) t-1,4-Dichloro-2-butene	10.833	75	1566m	1.142	ug/l	
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	3028m	0.375	ug/l	
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



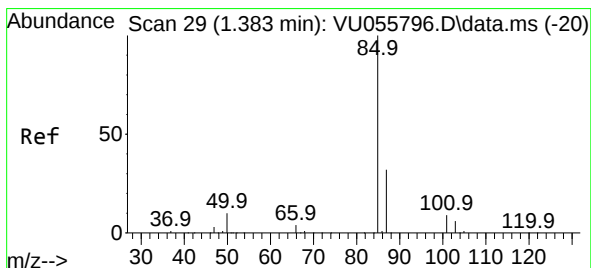
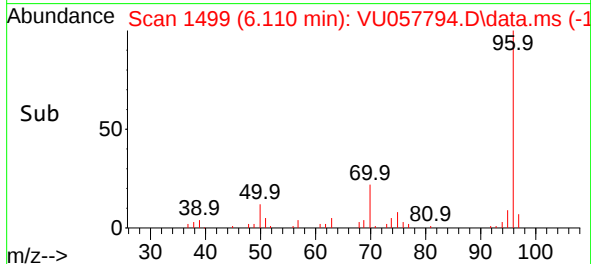
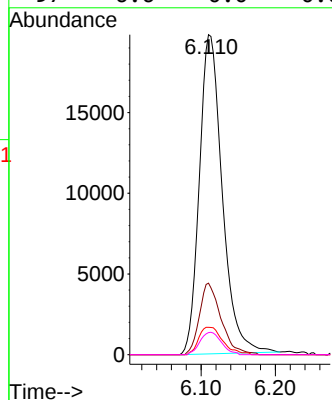
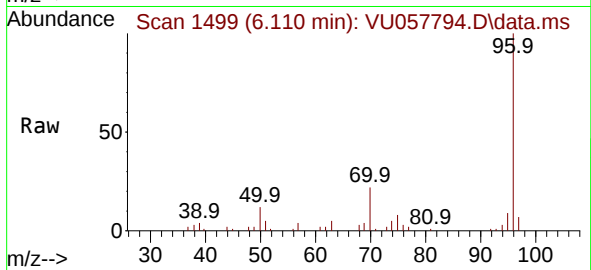
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

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

Tgt Ion: 96	Resp: 4240
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

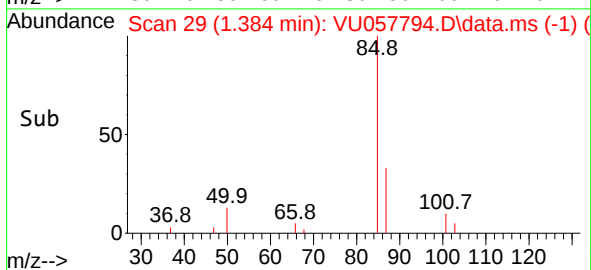
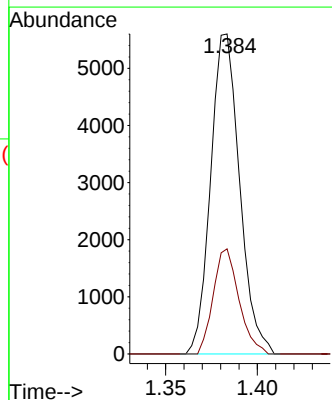
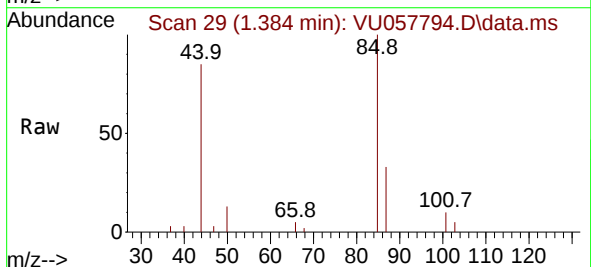
Manual Integrations
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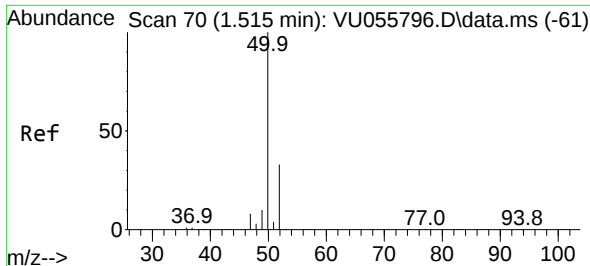
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

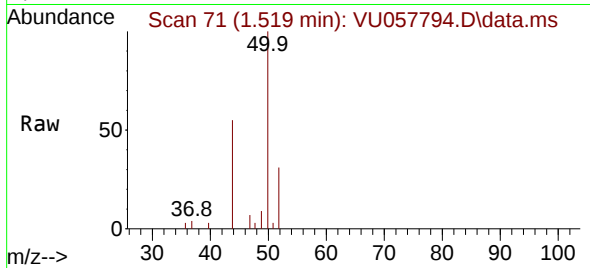
Tgt Ion: 85	Resp: 6156
Ion Ratio	Lower Upper
85 100	
87 32.8	16.2 48.6





#3
Chloromethane
Concen: 0.477 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.004 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

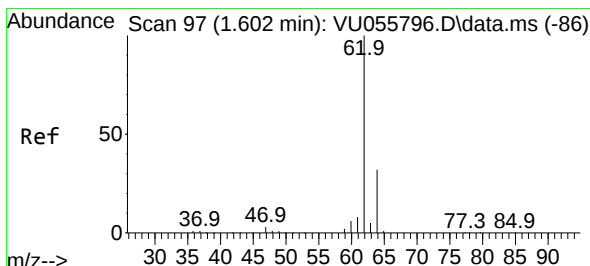
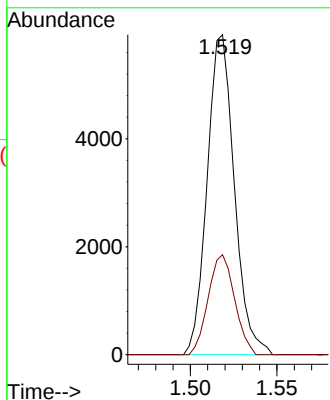
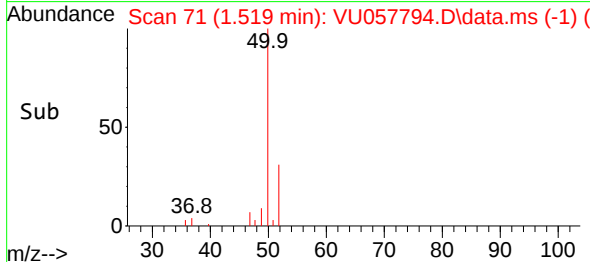
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 50 Resp: 6462
Ion Ratio Lower Upper
50 100
52 31.3 26.6 40.0

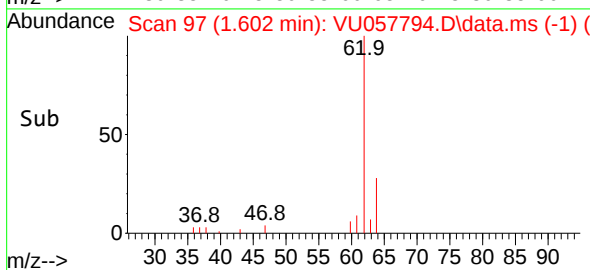
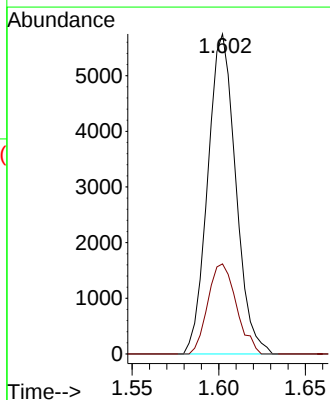
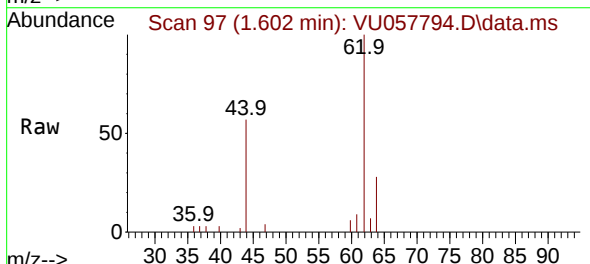
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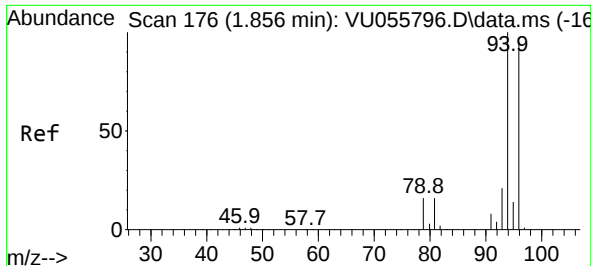
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#4
Vinyl Chloride
Concen: 0.467 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

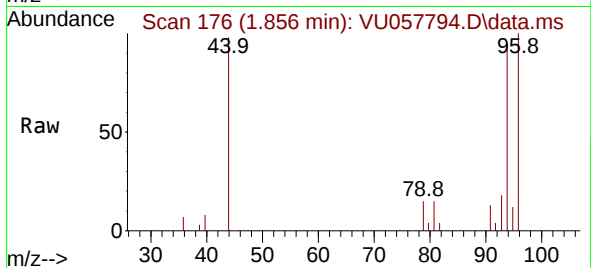
Tgt Ion: 62 Resp: 6452
Ion Ratio Lower Upper
62 100
64 28.1 25.4 38.2





#5
Bromomethane
Concen: 0.528 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

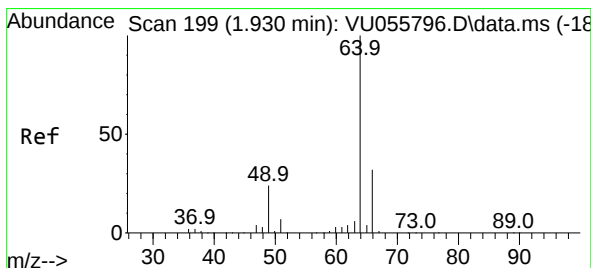
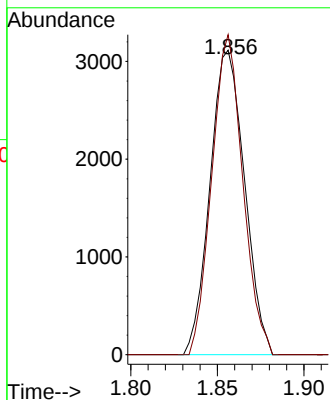
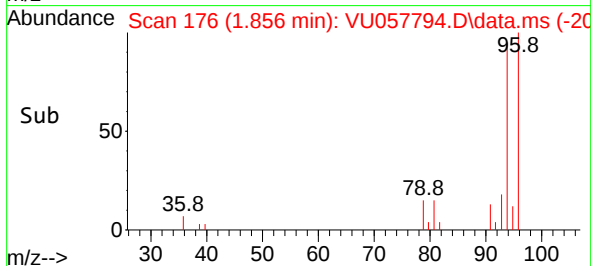
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 94 Resp: 4329
Ion Ratio Lower Upper
94 100
96 105.1 75.4 113.2

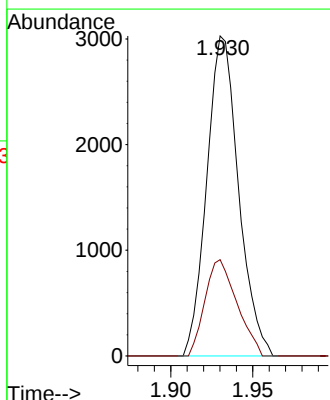
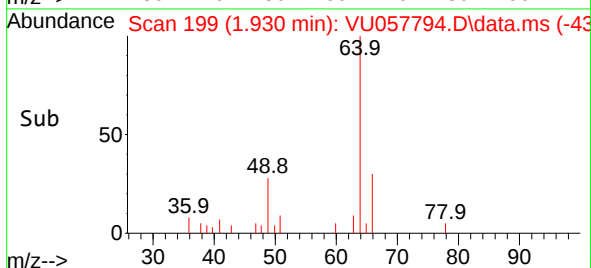
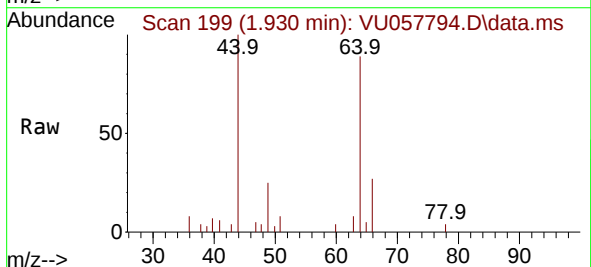
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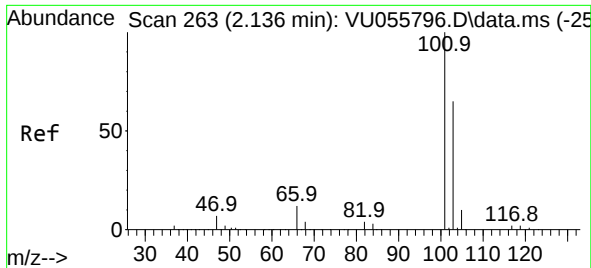
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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





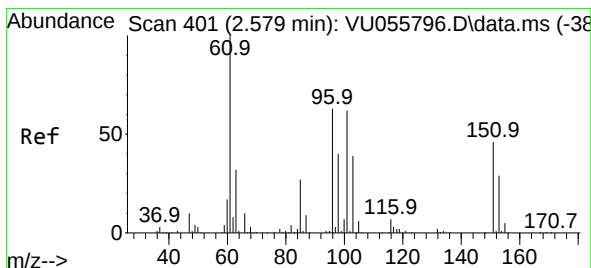
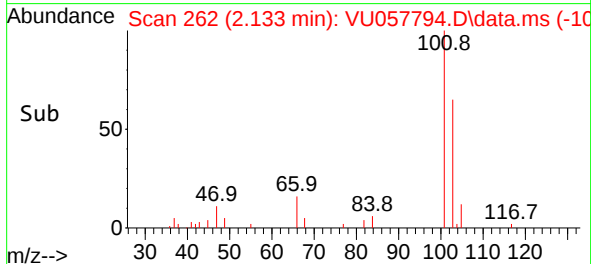
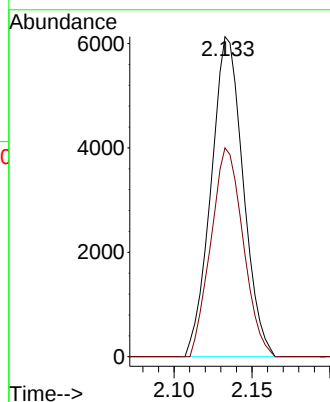
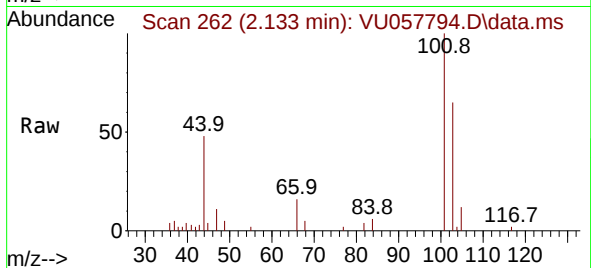
#7
 Trichlorofluoromethane
 Concen: 0.416 ug/l
 RT: 2.133 min Scan# 210
 Delta R.T. -0.003 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

Instrument :
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 LOQ-WATER-02-QT1-2024

Tgt Ion:101 Resp: 880
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.0

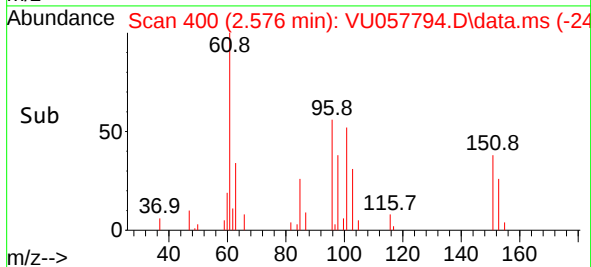
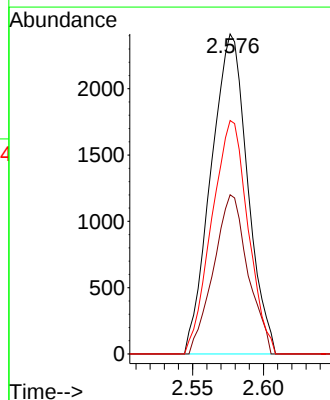
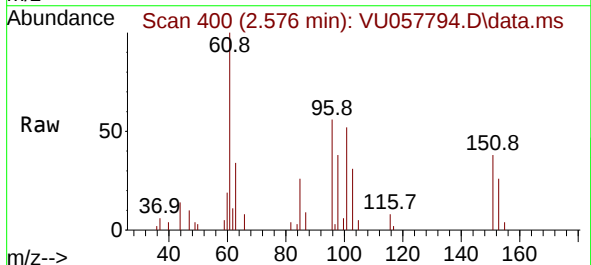
Manual Integrations
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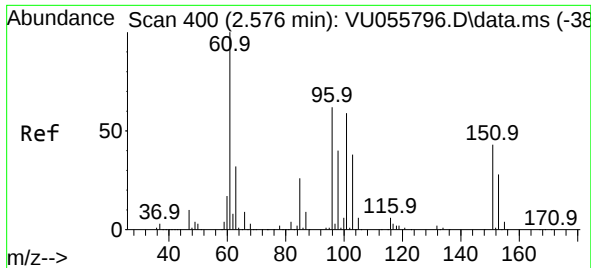
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#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

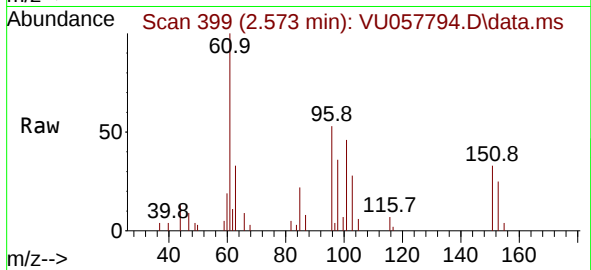
Tgt Ion:101 Resp: 4324
 Ion Ratio Lower Upper
 101 100
 85 46.7 35.4 53.0
 151 72.5 54.0 81.0





#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

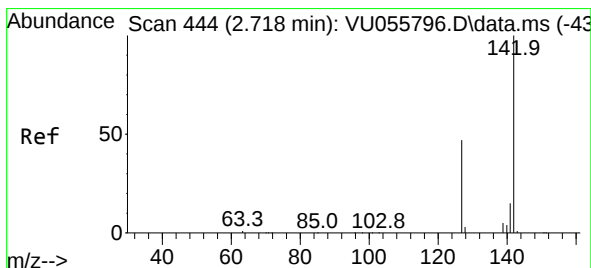
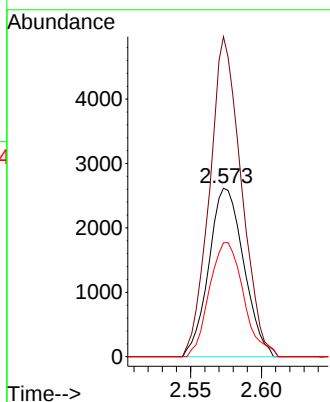
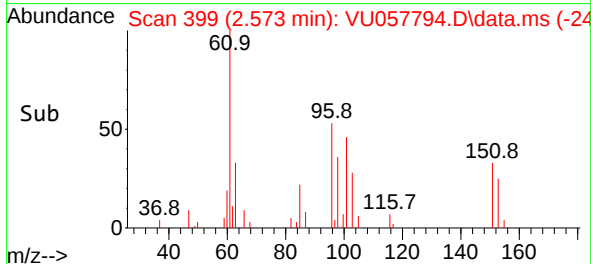
Instrument : MSVOA_U
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LOQ-WATER-02-QT1-2024



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

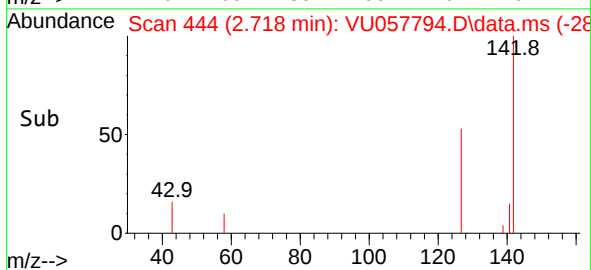
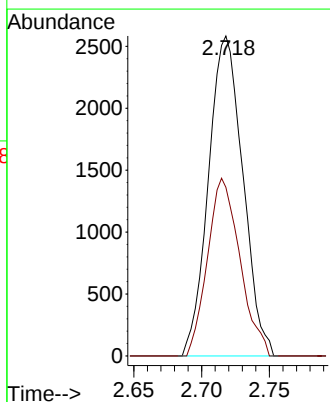
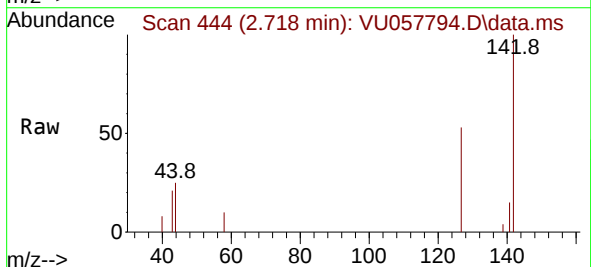
Manual Integrations
APPROVED

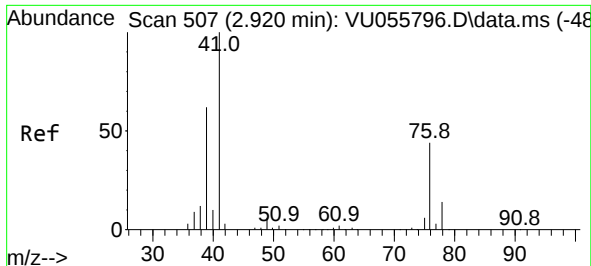
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

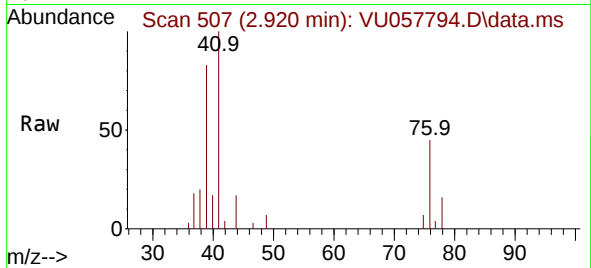
Tgt Ion:142 Resp: 4563
Ion Ratio Lower Upper
142 100
127 52.3 35.9 53.9





#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

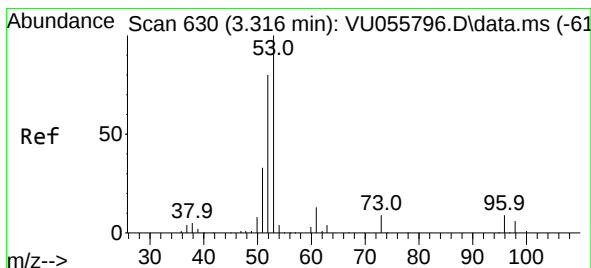
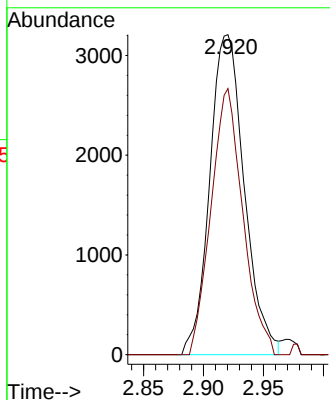
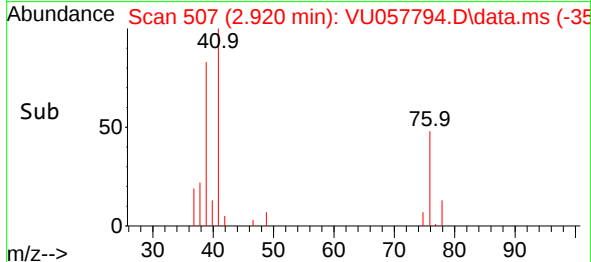
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



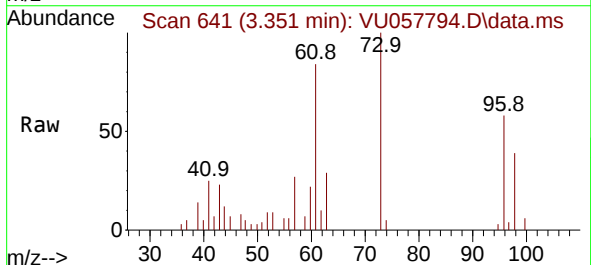
Tgt Ion: 41 Resp: 6430
 Ion Ratio Lower Upper
 41 100
 39 76.4 54.2 81.2

Manual Integrations
 APPROVED

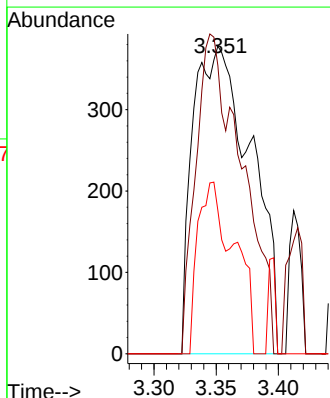
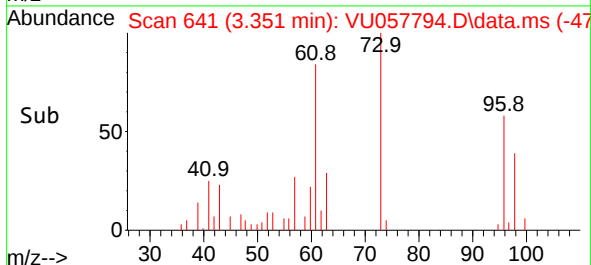
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

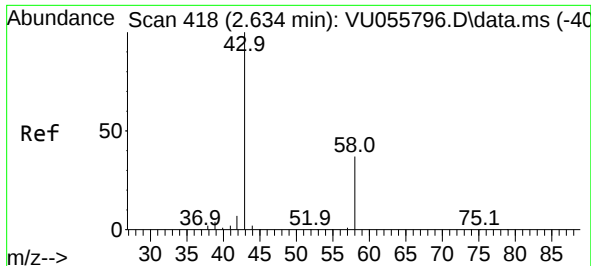


#12
 Acrylonitrile
 Concen: 0.686 ug/l m
 RT: 3.351 min Scan# 641
 Delta R.T. 0.035 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41



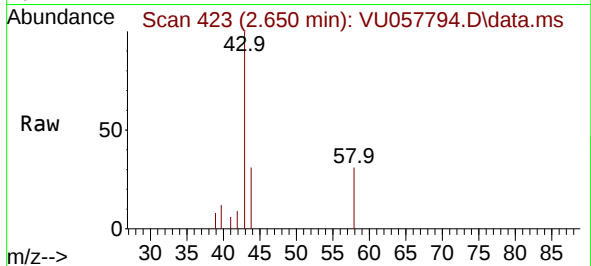
Tgt Ion: 53 Resp: 1234
 Ion Ratio Lower Upper
 53 100
 52 48.8 62.9 94.3#
 51 23.3 27.8 41.6#





#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

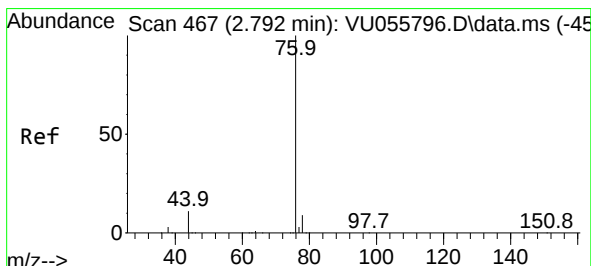
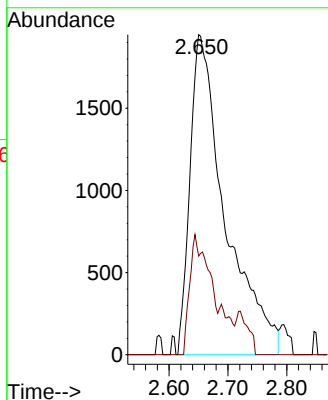
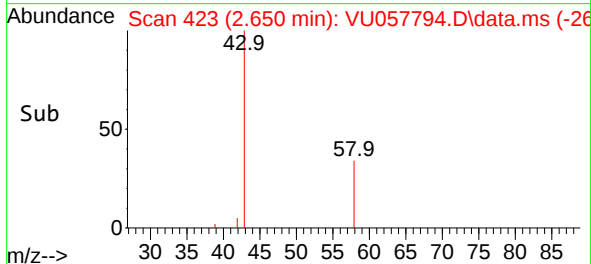
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



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

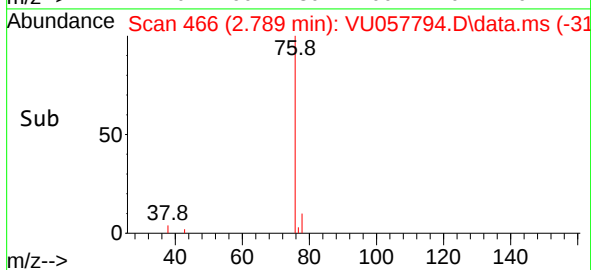
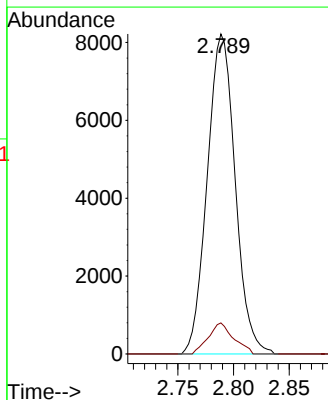
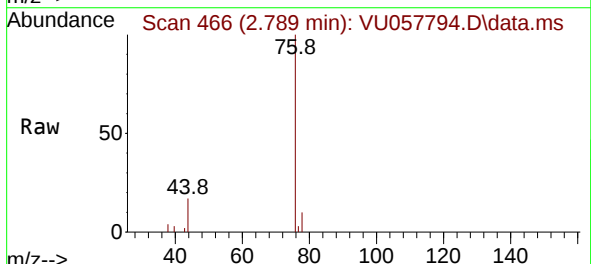
Manual Integrations
APPROVED

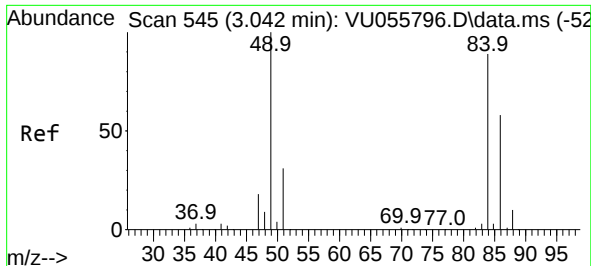
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

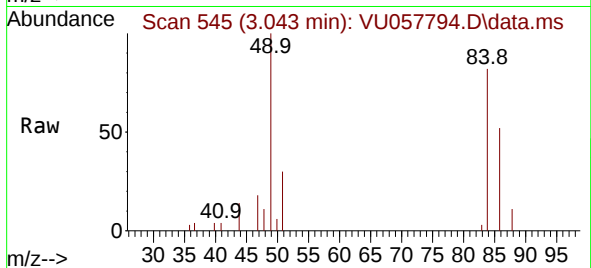
Tgt Ion: 76 Resp: 14338
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#15
Methylene Chloride
Concen: 0.488 ug/l
RT: 3.043 min Scan# 545
Delta R.T. 0.001 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

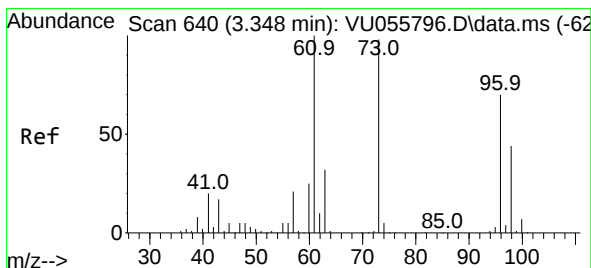
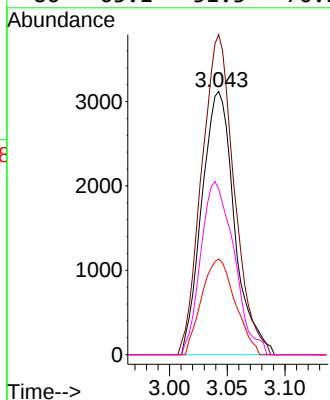
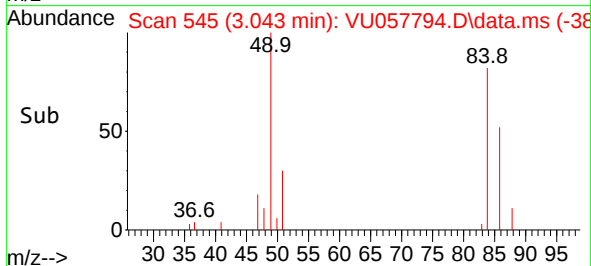
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 84	Resp: 613
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

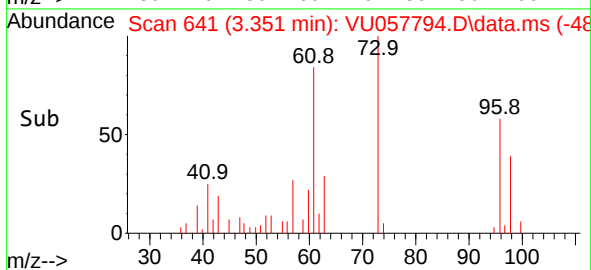
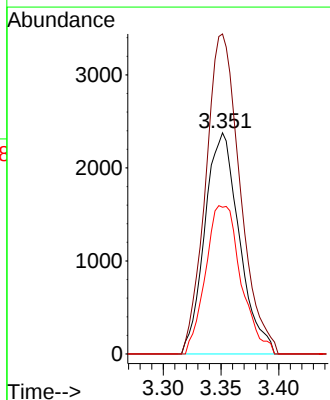
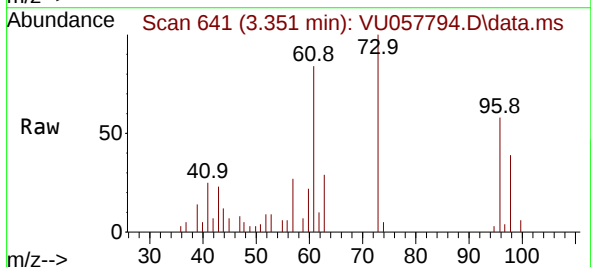
Manual Integrations
APPROVED

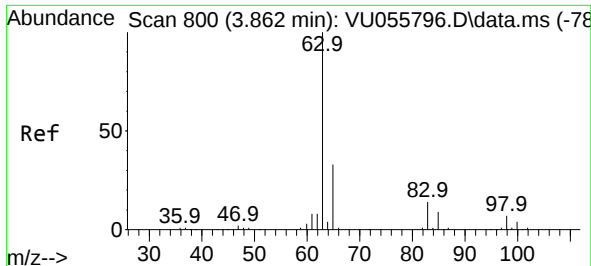
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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





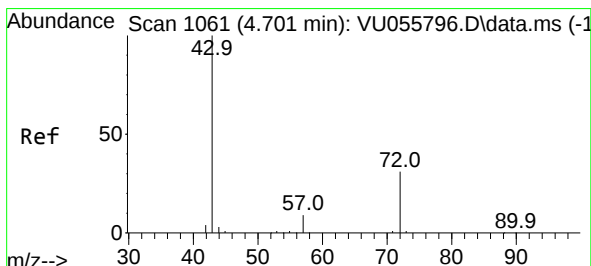
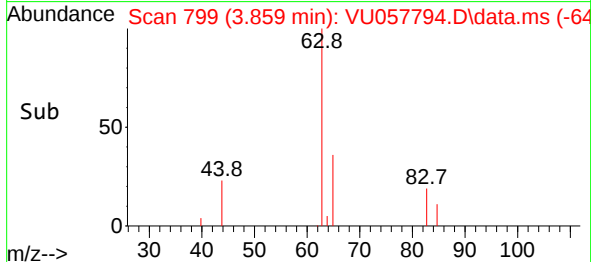
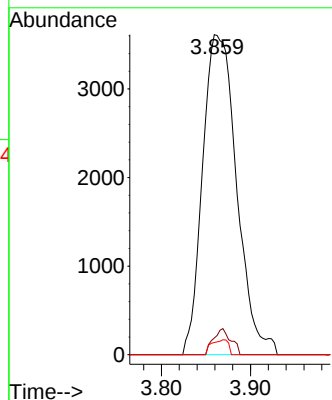
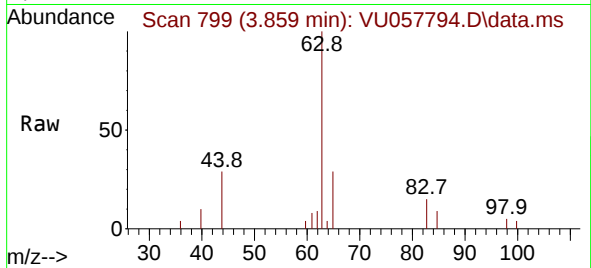
#17
1,1-Dichloroethane
Concen: 0.442 ug/l
RT: 3.859 min Scan# 791
Delta R.T. -0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

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

Tgt Ion: 63 Resp: 961
Ion Ratio Lower Upper
63 100
98 5.2 3.4 10.1
100 3.8 2.2 6.6

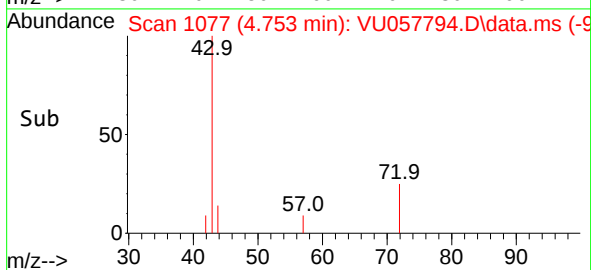
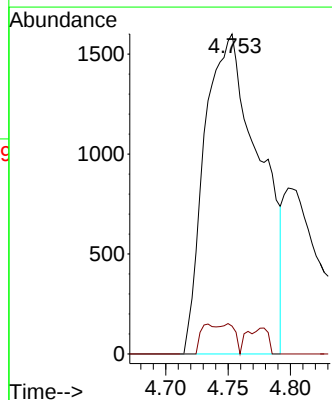
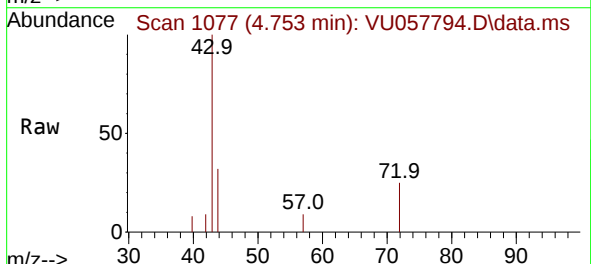
Manual Integrations
APPROVED

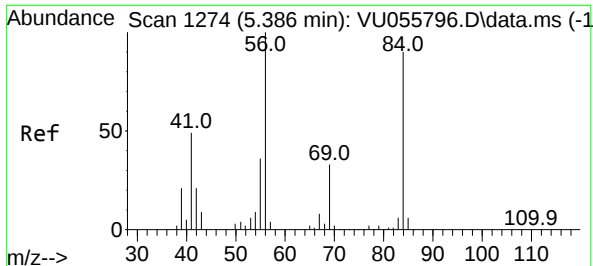
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

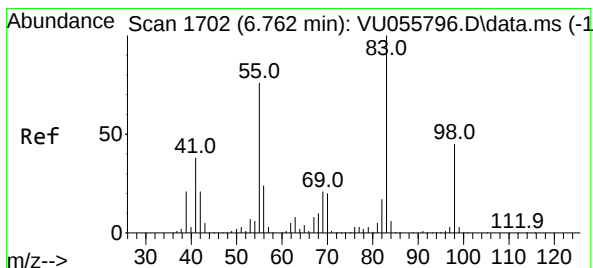
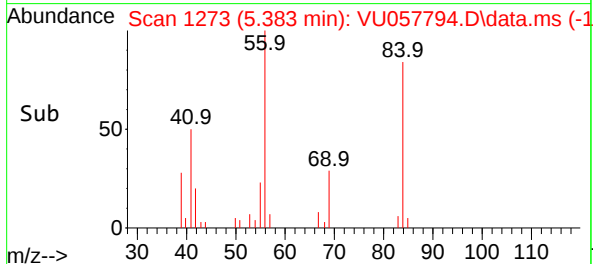
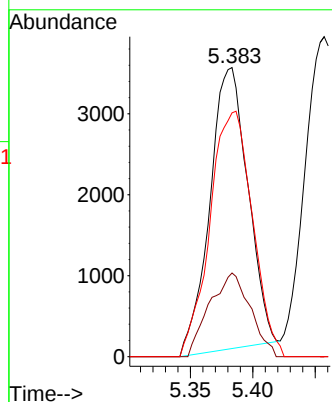
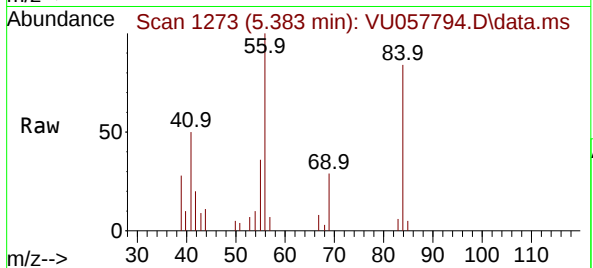
ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 56	Resp: 738
Ion Ratio	Lower Upper
56	100
69	31.7 24.6 37.0
84	97.1 68.4 102.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 0.409 ug/l

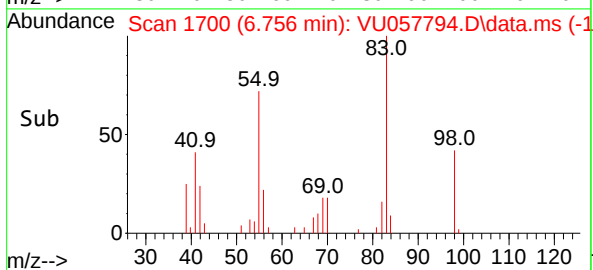
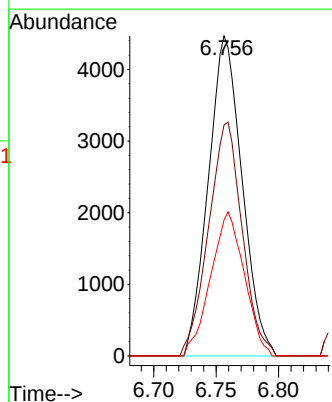
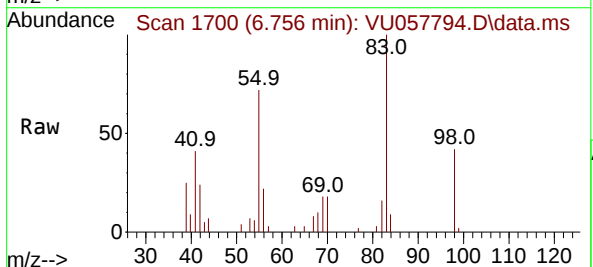
RT: 6.756 min Scan# 1700

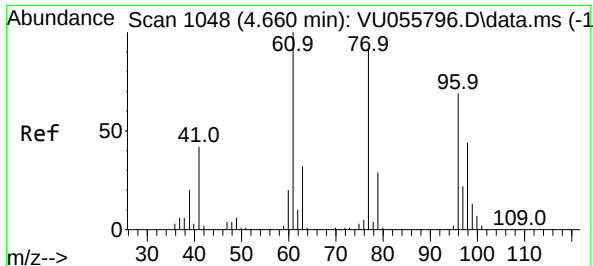
Delta R.T. -0.006 min

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# 1046

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: 834

Ion Ratio Lower Upper

77 100

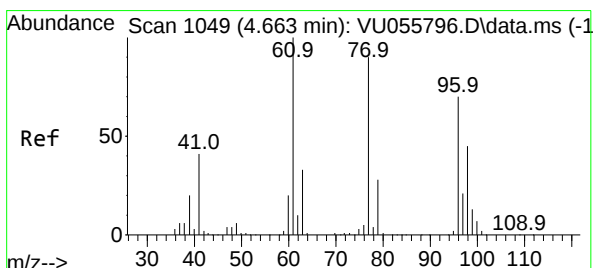
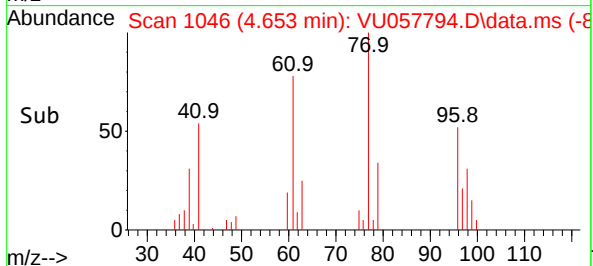
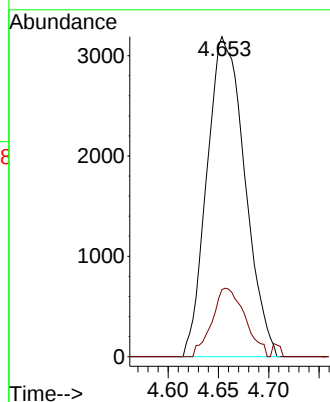
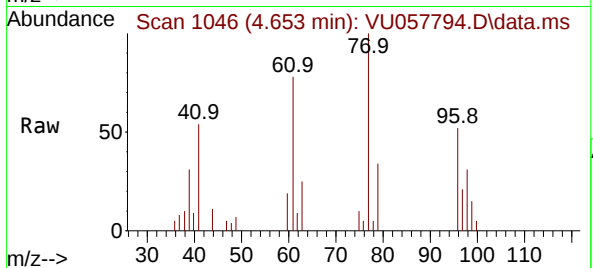
97 18.7 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#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

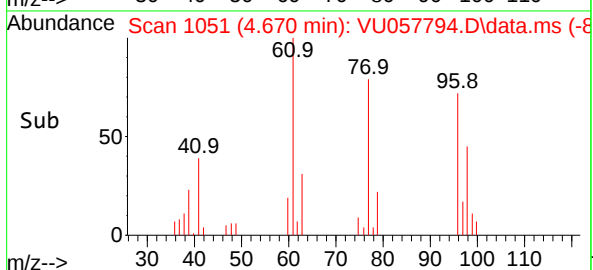
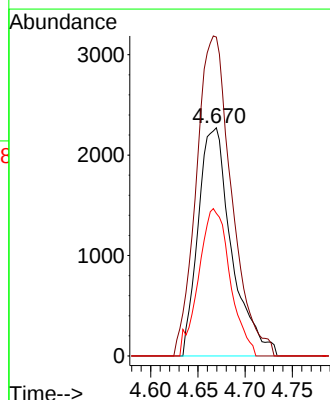
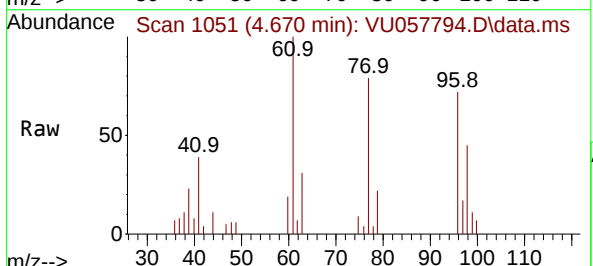
Tgt Ion: 96 Resp: 5585

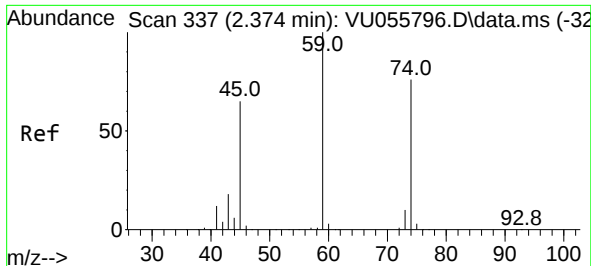
Ion Ratio Lower Upper

96 100

61 147.8 0.0 365.8

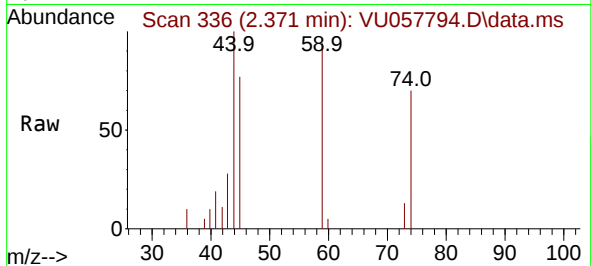
98 60.7 32.0 96.0





#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

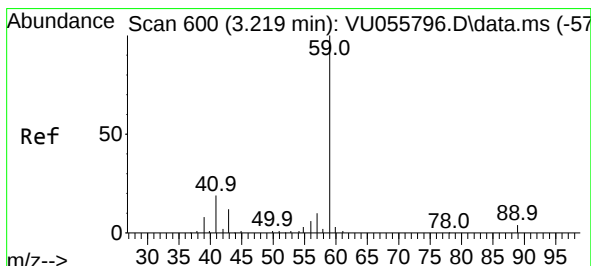
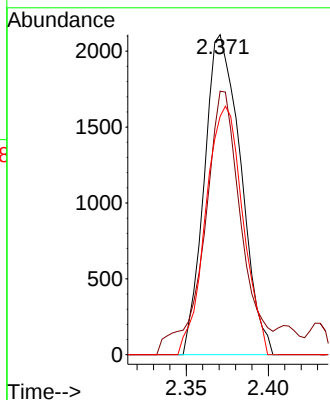
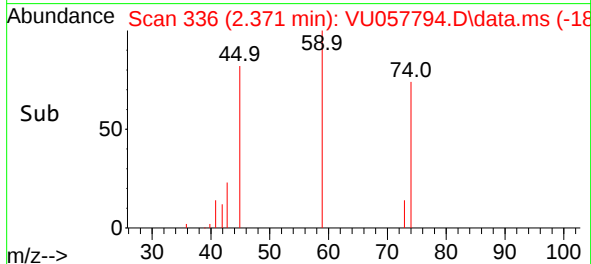
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 59 Resp: 325
Ion Ratio Lower Upper
59 100
45 83.2 56.1 84.1
74 79.3 57.4 86.2

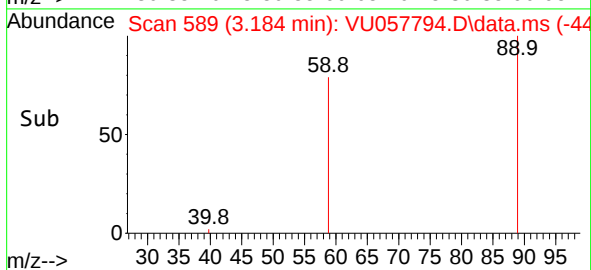
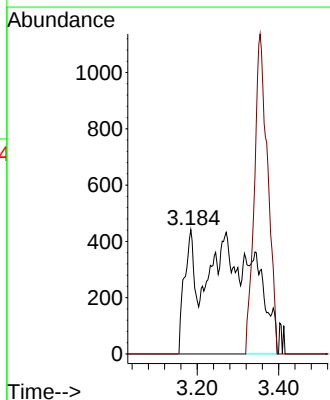
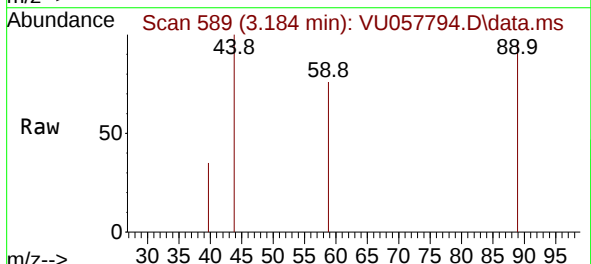
Manual Integrations
APPROVED

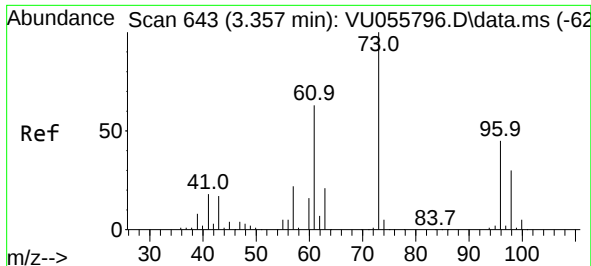
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 4.667 ug/l m
RT: 3.184 min Scan# 589
Delta R.T. -0.035 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

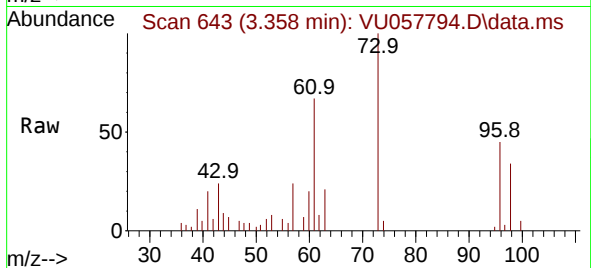
Tgt Ion: 59 Resp: 4035
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.440 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.001 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

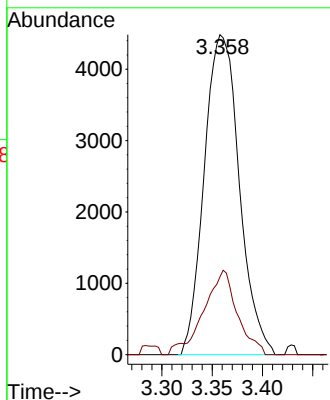
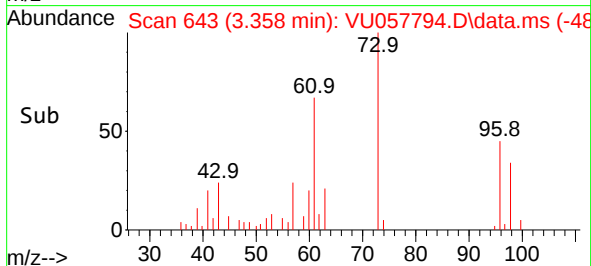
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



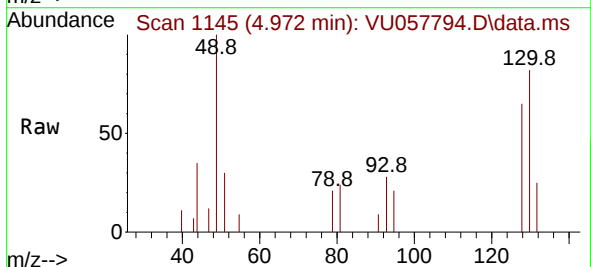
Tgt Ion: 73 Resp: 10879
Ion Ratio Lower Upper
73 100
43 25.3 15.0 22.6

Manual Integrations
APPROVED

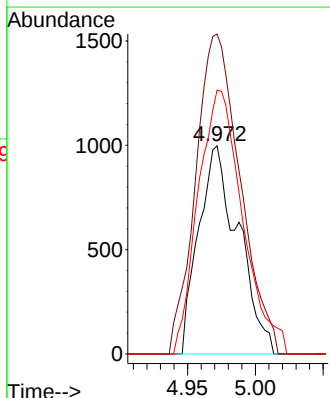
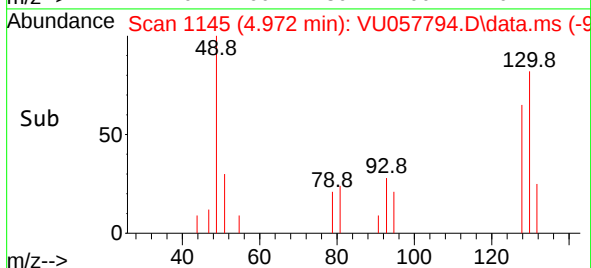
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

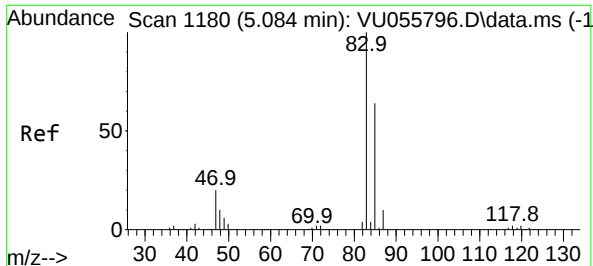


#26
Bromochloromethane
Concen: 0.401 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.004 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41



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

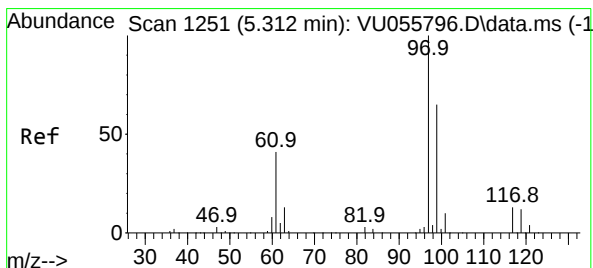
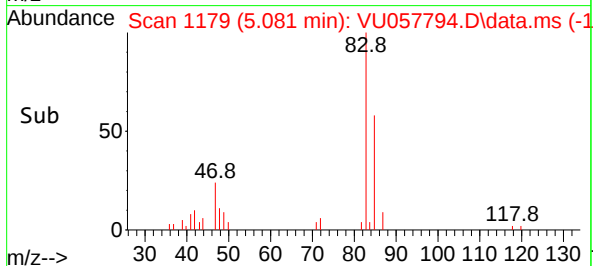
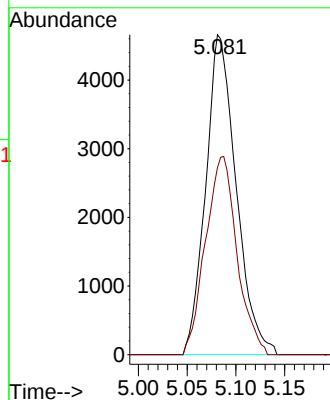
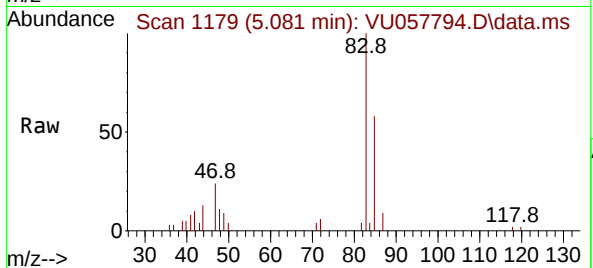
85 56.3 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#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

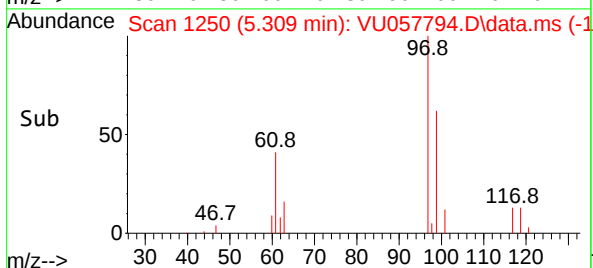
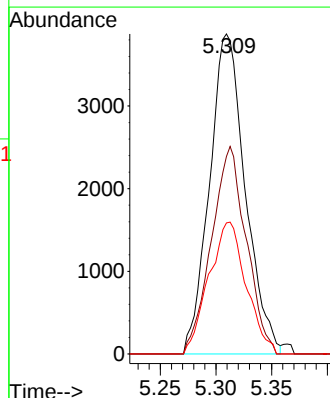
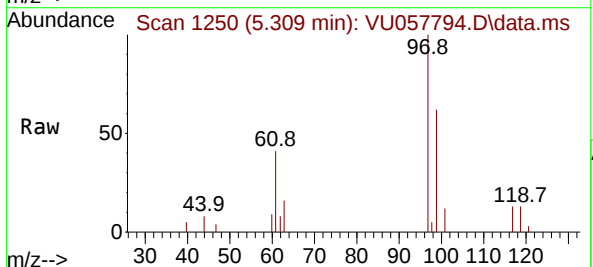
Tgt Ion: 97 Resp: 8665

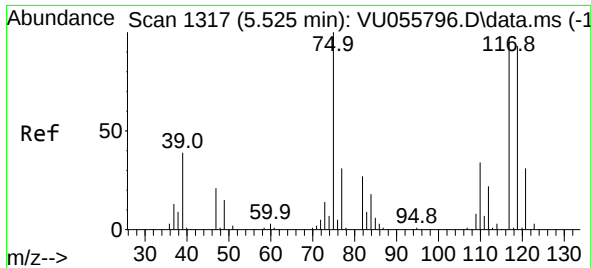
Ion Ratio Lower Upper

97 100

99 63.0 32.0 96.2

61 42.9 22.9 68.5





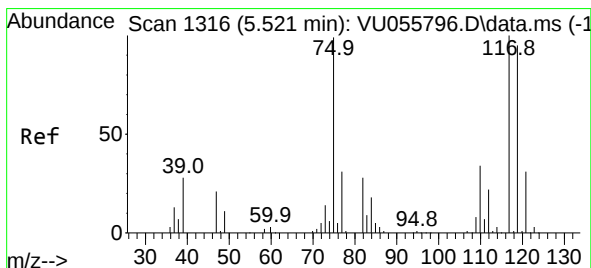
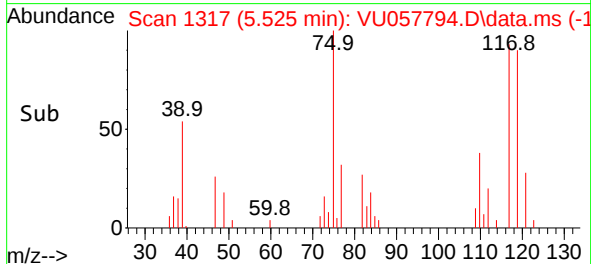
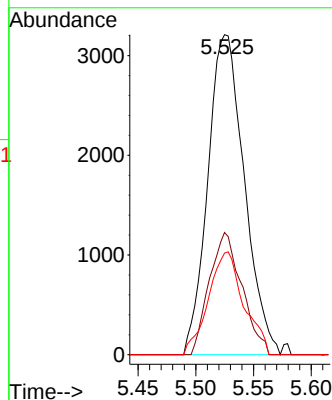
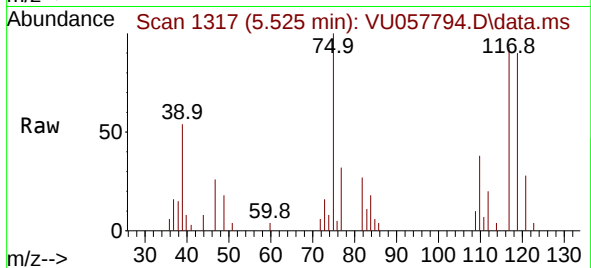
#29
1,1-Dichloropropene
Concen: 0.428 ug/l
RT: 5.525 min Scan# 1163
Delta R.T. -0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

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

Tgt Ion: 75 Resp: 7063
Ion Ratio Lower Upper
75 100
110 34.2 18.0 54.0
77 31.1 24.7 37.1

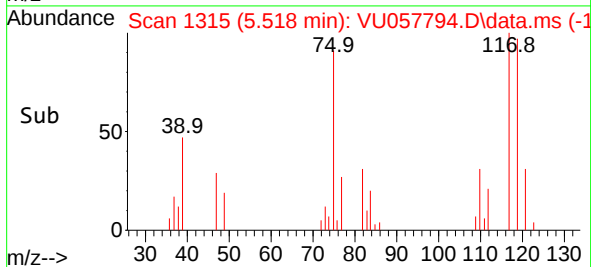
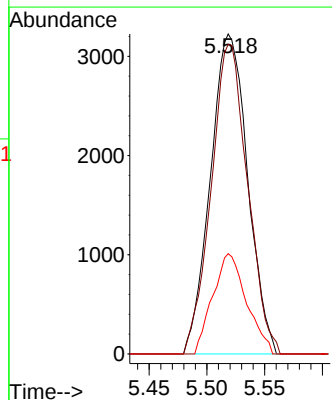
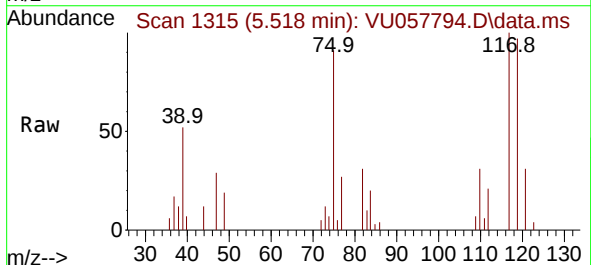
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

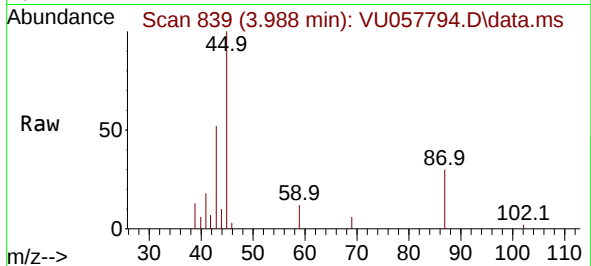
Tgt Ion:117 Resp: 7225
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
121 31.3 24.0 36.0





#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

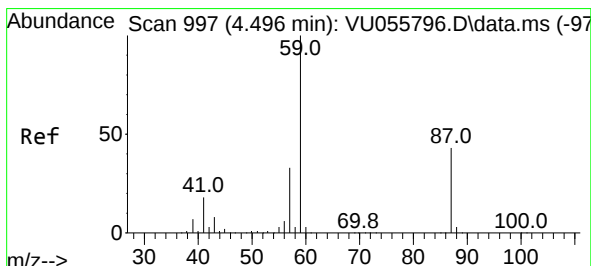
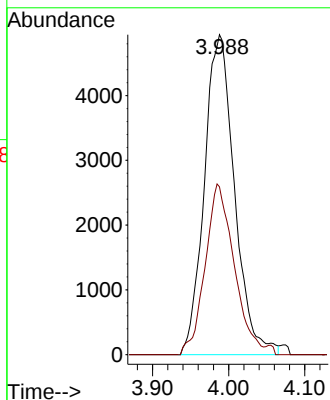
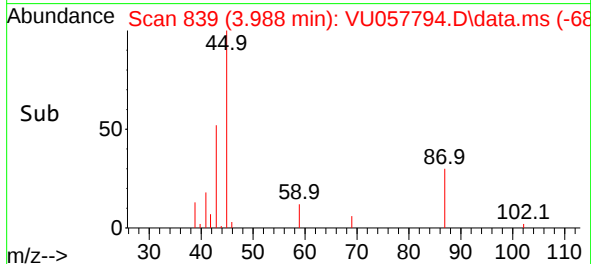
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



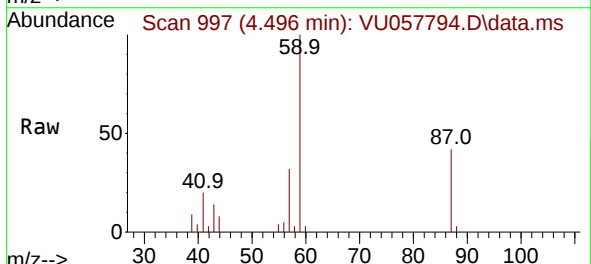
Tgt Ion: 45 Resp: 1361
Ion Ratio Lower Upper
45 100
43 51.1 27.5 82.5

Manual Integrations
APPROVED

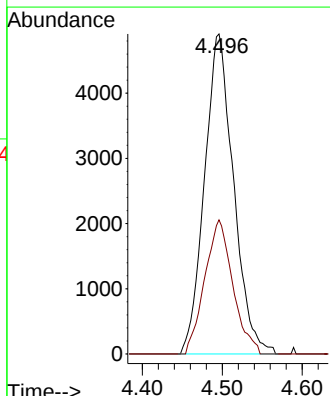
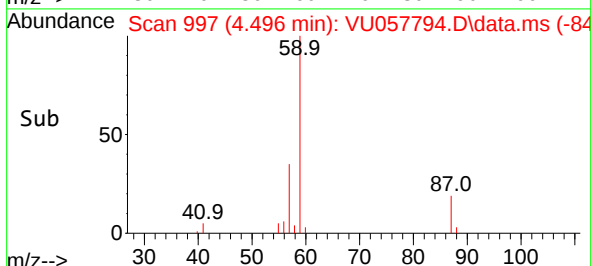
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

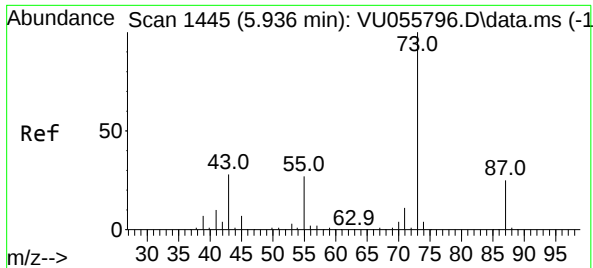


#32
Ethyl-t-butyl ether
Concen: 0.420 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41



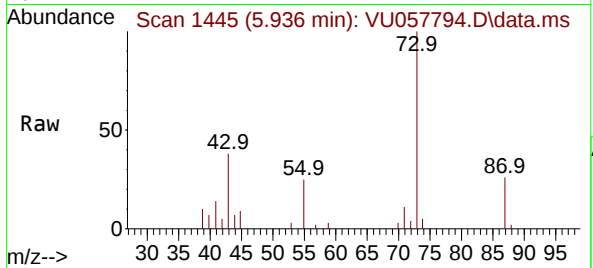
Tgt Ion: 59 Resp: 12396
Ion Ratio Lower Upper
59 100
87 40.4 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.416 ug/l m
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

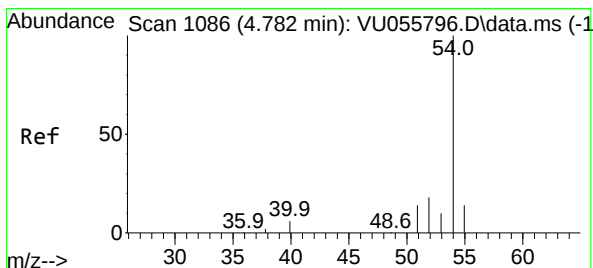
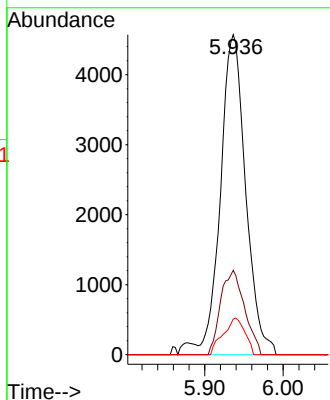
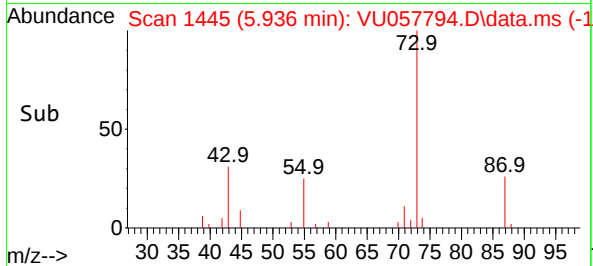
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



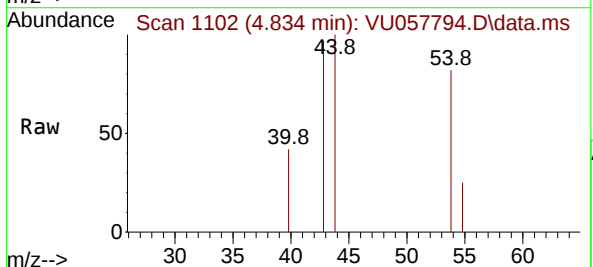
Tgt Ion: 73 Resp: 1034
Ion Ratio Lower Upper
73 100
87 24.7 18.6 28.0
71 9.7 9.9 14.9

Manual Integrations
APPROVED

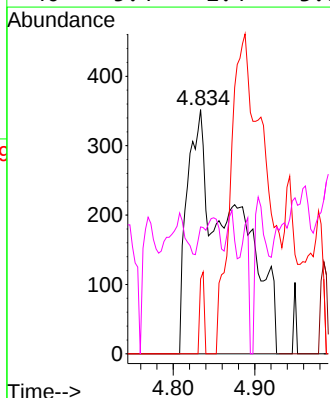
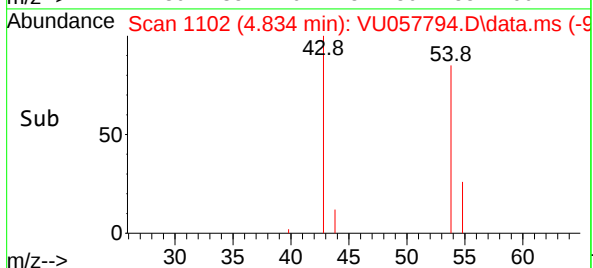
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

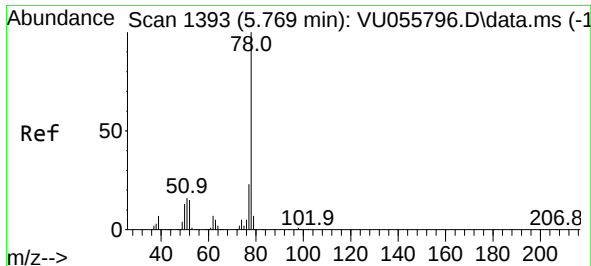


#34
Propionitrile
Concen: 1.869 ug/l m
RT: 4.834 min Scan# 1102
Delta R.T. 0.052 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41



Tgt Ion: 54 Resp: 1359
Ion Ratio Lower Upper
54 100
52 0.0 17.4 26.0#
55 3.2 104.1 156.1#
40 5.4 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 :

LOQ-WATER-02-QT1-2024

Tgt Ion: 78 Resp: 2104

Ion Ratio Lower Upper

78 100

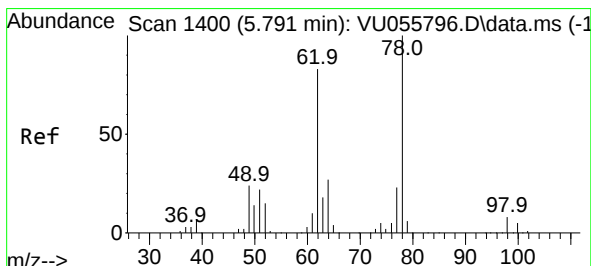
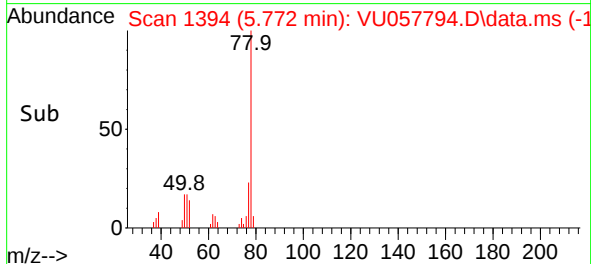
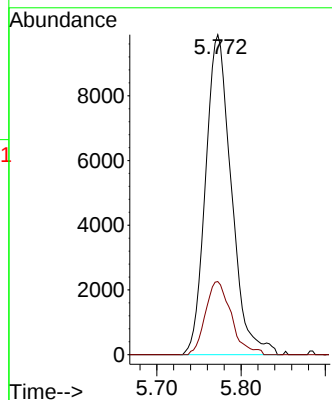
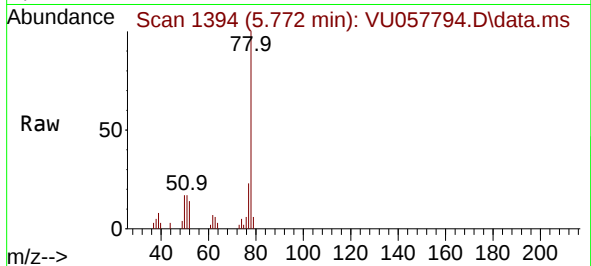
77 22.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#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

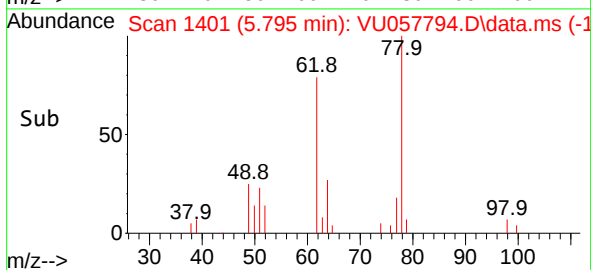
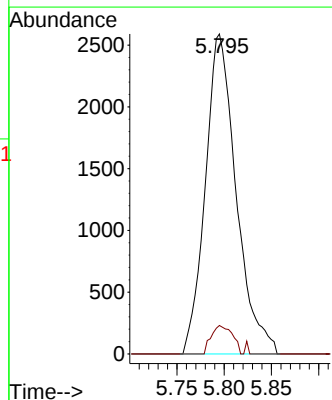
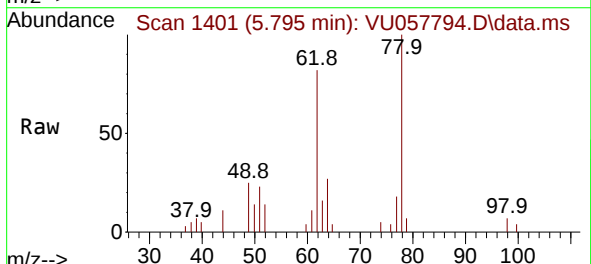
Acq: 02 Feb 2024 14:41

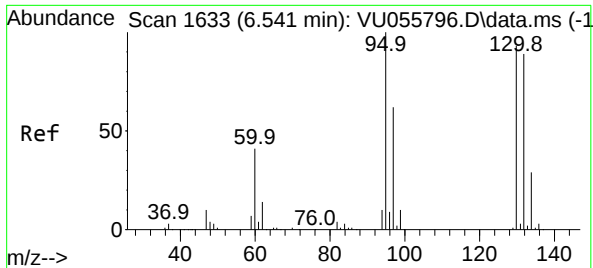
Tgt Ion: 62 Resp: 5871

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: 559

Ion Ratio Lower Upper

130 100

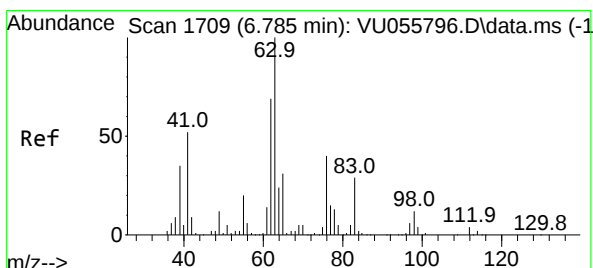
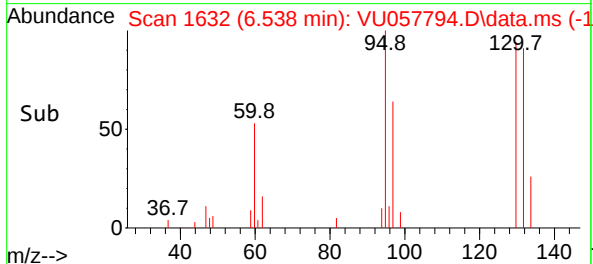
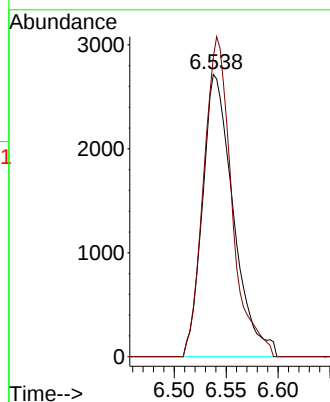
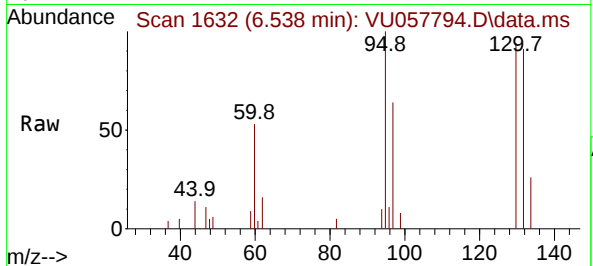
95 106.1 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#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

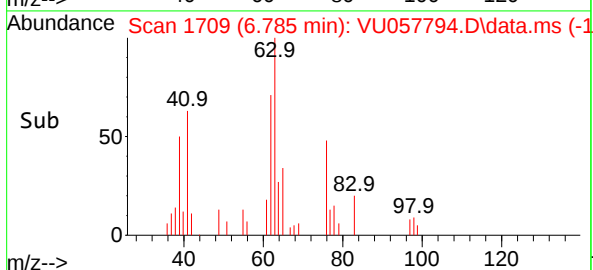
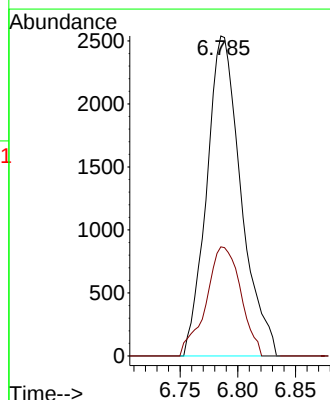
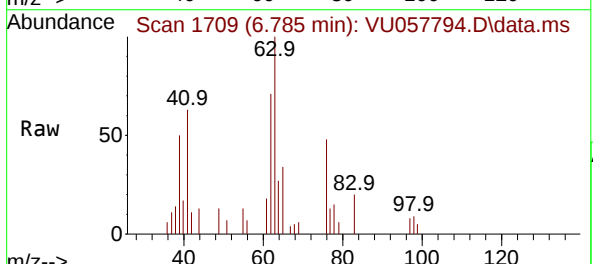
Acq: 02 Feb 2024 14:41

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# 1119

Delta R.T. 0.029 min

Lab File: VU057794.D

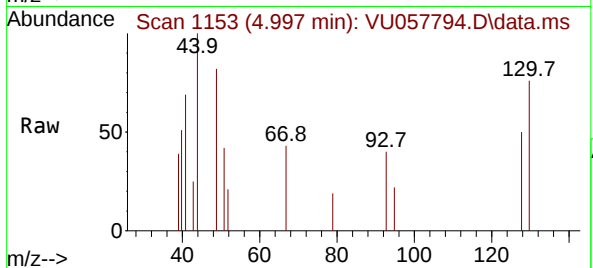
Acq: 02 Feb 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024



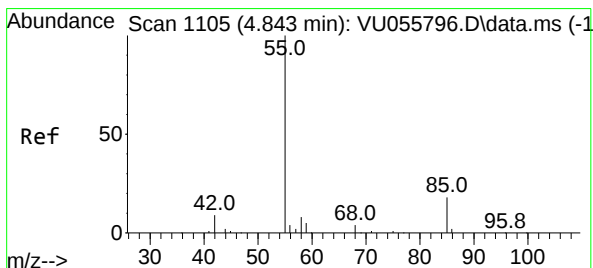
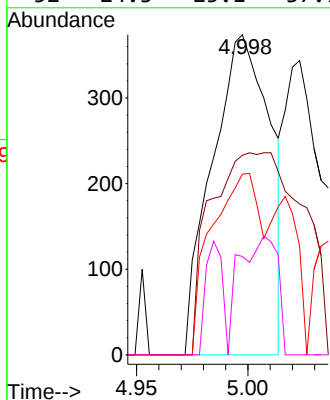
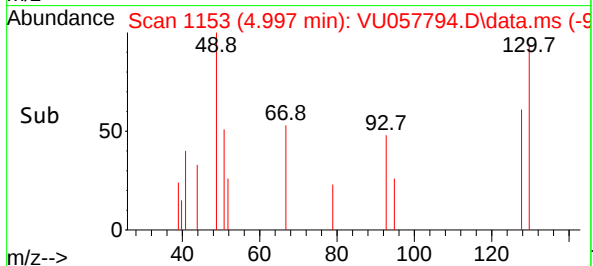
Tgt Ion:	41	Resp:	679
Ion	Ratio	Lower	Upper
41	100		
67	100.1	66.8	100.2
39	48.1	41.2	61.8
52	24.3	25.1	37.7#

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 0.424 ug/l m

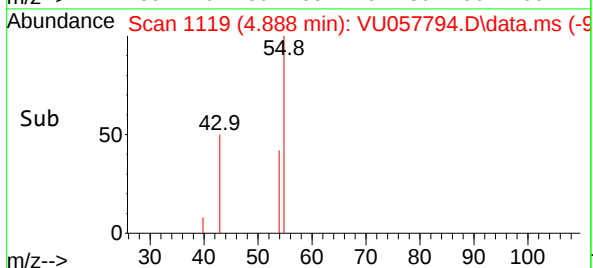
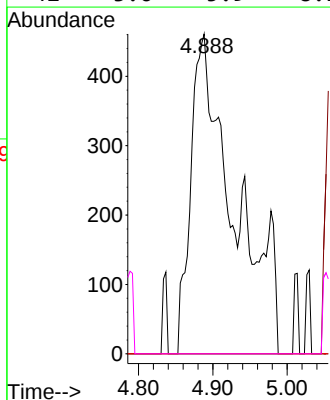
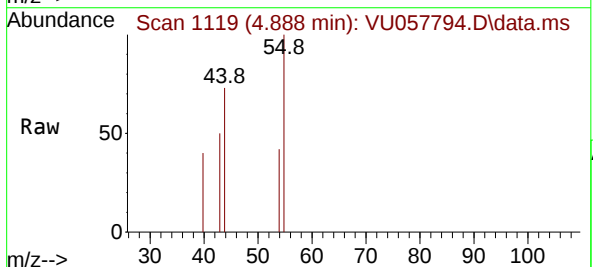
RT: 4.888 min Scan# 1119

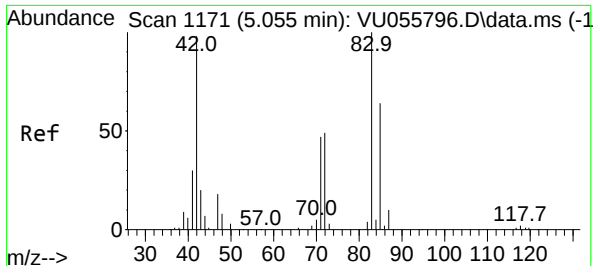
Delta R.T. 0.045 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

Tgt Ion:	55	Resp:	1850
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	0.0	6.5	9.7#
42	3.6	5.9	8.9#





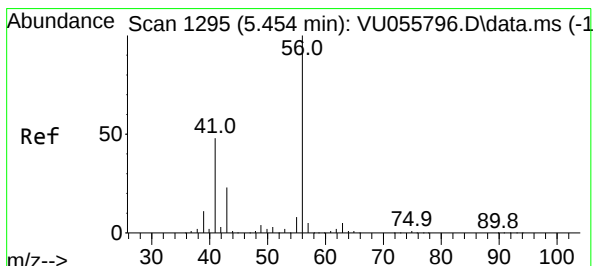
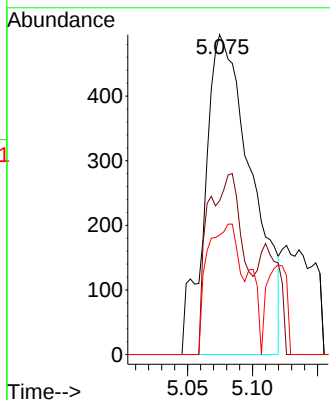
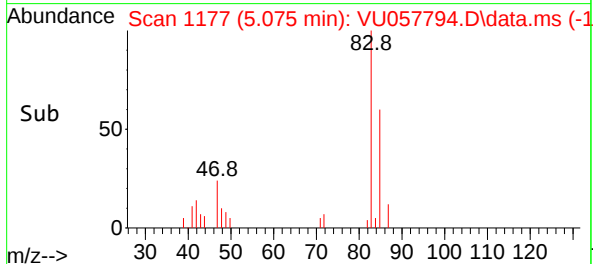
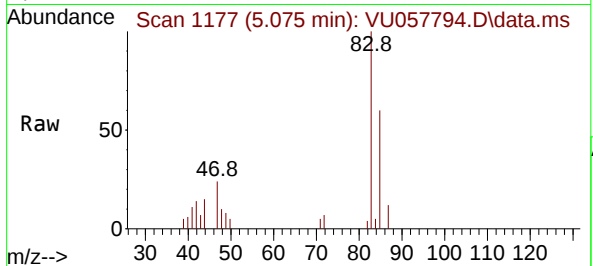
#41
Tetrahydrofuran
Concen: 0.809 ug/l
RT: 5.075 min Scan# 1171
Delta R.T. 0.020 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

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

Tgt Ion: 42 Resp: 125
Ion Ratio Lower Upper
42 100
72 13.6 40.9 61.3
71 28.2 36.9 55.3

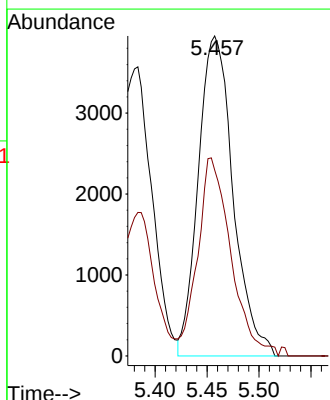
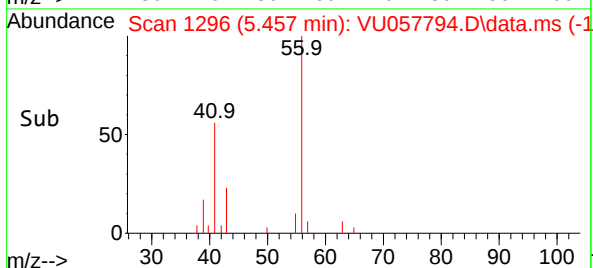
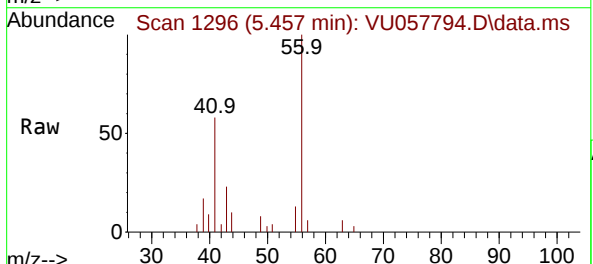
Manual Integrations
APPROVED

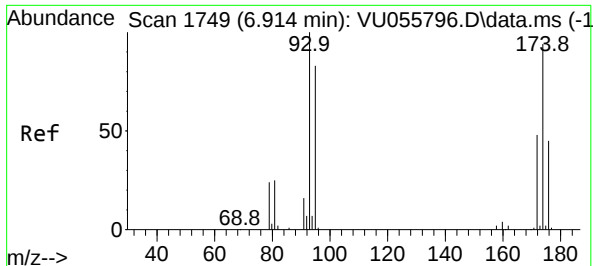
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

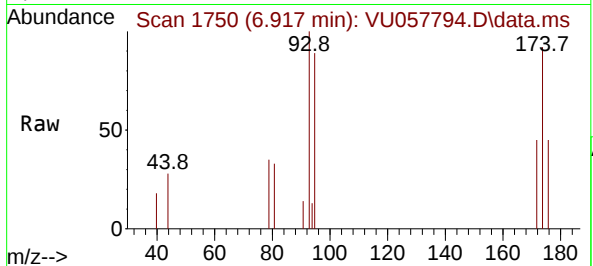
Tgt Ion: 56 Resp: 9206
Ion Ratio Lower Upper
56 100
41 58.9 25.2 75.6





#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

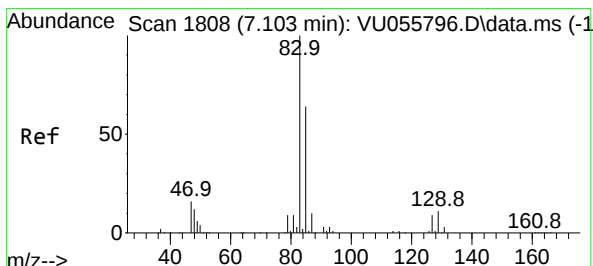
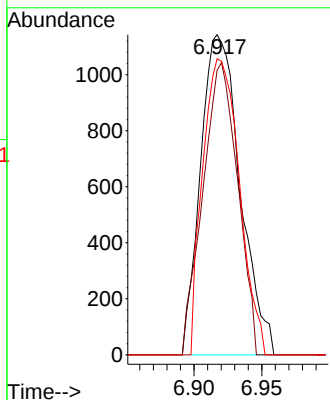
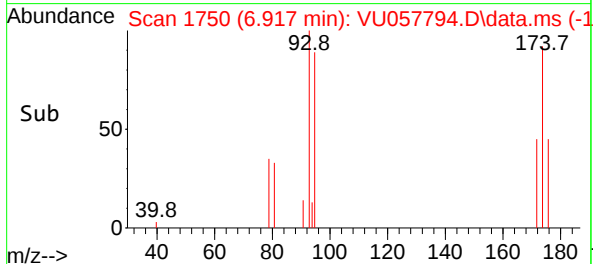
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:	93	Resp:	231
Ion	Ratio	Lower	Upper
93	100		
95	80.4	67.0	100.6
174	85.5	73.8	110.6

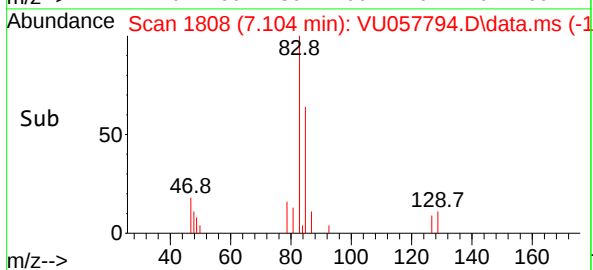
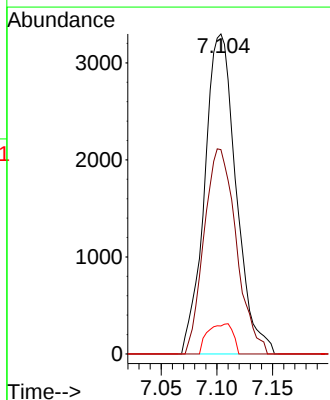
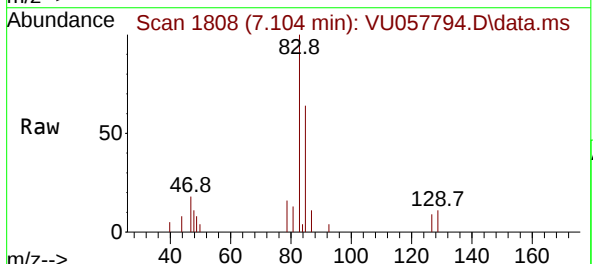
Manual Integrations
APPROVED

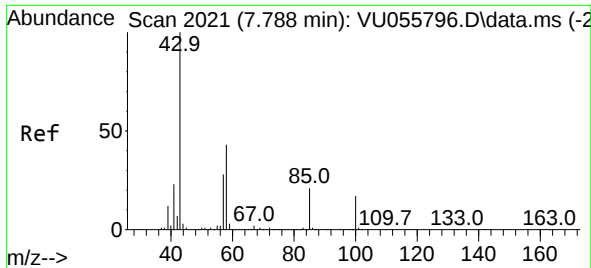
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

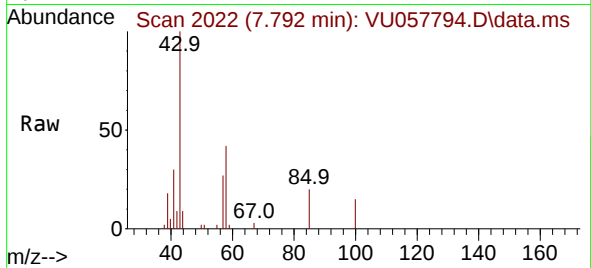
Tgt Ion:	83	Resp:	6495
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.9	77.9
127	8.8	6.7	10.1





#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

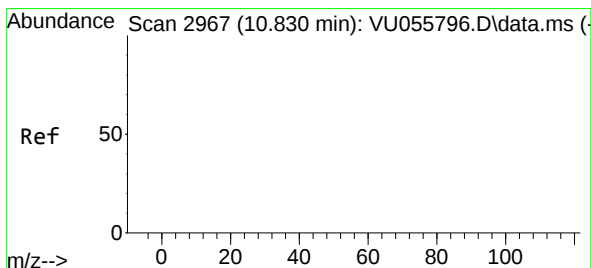
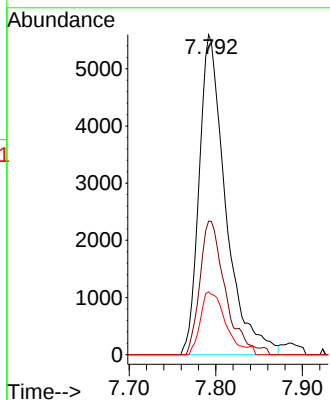
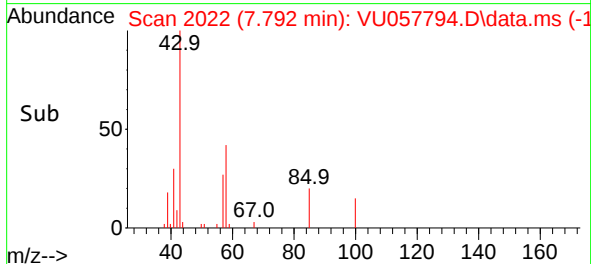
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
58 40.3 20.9 62.8
85 18.9 14.6 21.8

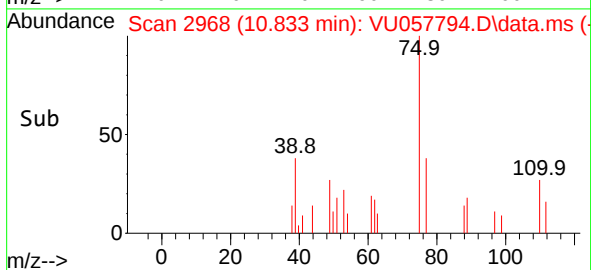
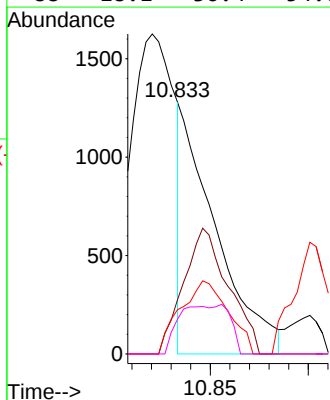
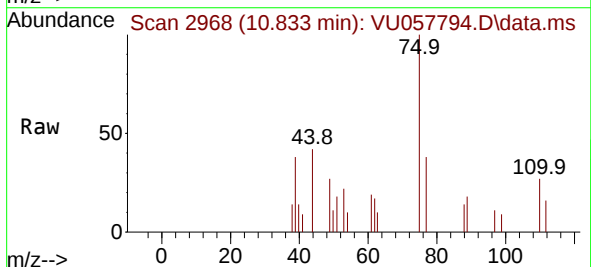
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#46
t-1,4-Dichloro-2-butene
Concen: 1.142 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

Tgt Ion: 75 Resp: 1566
Ion Ratio Lower Upper
75 100
53 64.8 73.3 109.9#
89 40.2 48.2 72.4#
88 18.1 36.4 54.6#





#47

Methyl methacrylate

Concen: 0.744 ug/l

RT: 6.965 min Scan# 1763

Delta R.T. 0.006 min

Lab File: VU057794.D

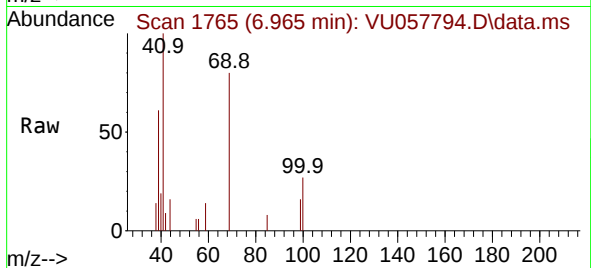
Acq: 02 Feb 2024 14:41

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

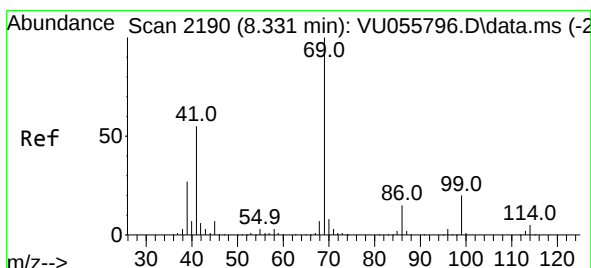
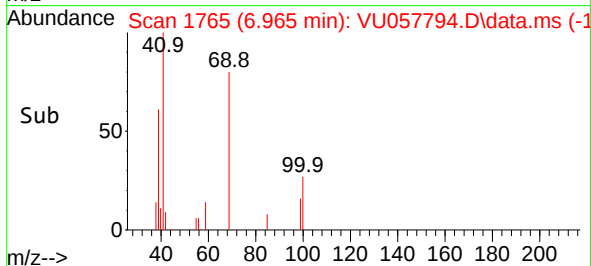
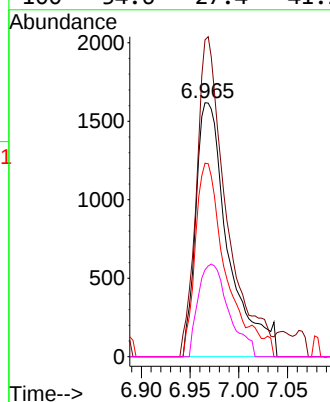
100 34.6 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#48

Ethyl methacrylate

Concen: 0.340 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.007 min

Lab File: VU057794.D

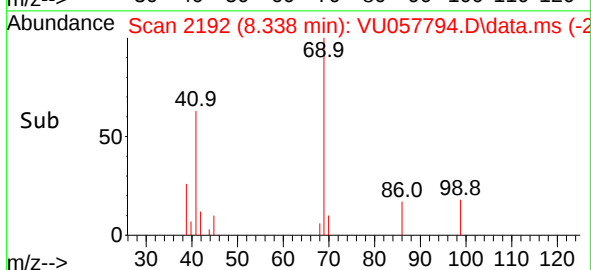
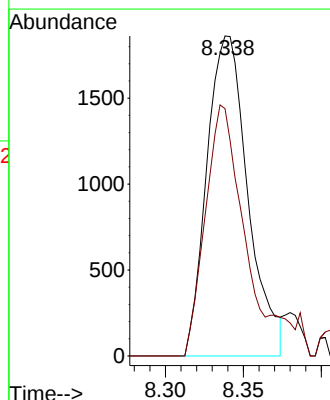
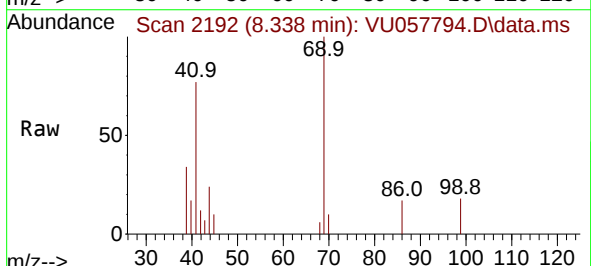
Acq: 02 Feb 2024 14:41

Tgt Ion: 69 Resp: 3408

Ion Ratio Lower Upper

69 100

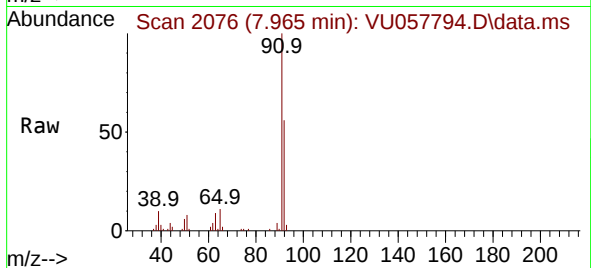
41 78.9 30.3 90.8





#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

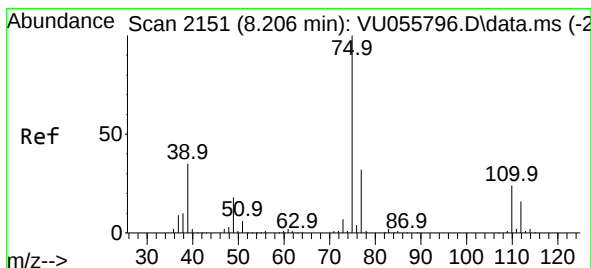
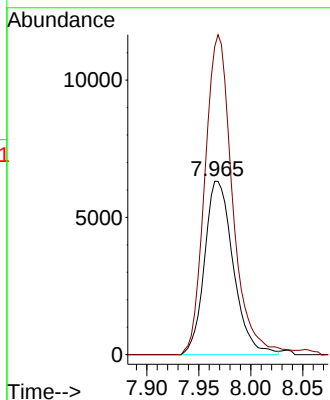
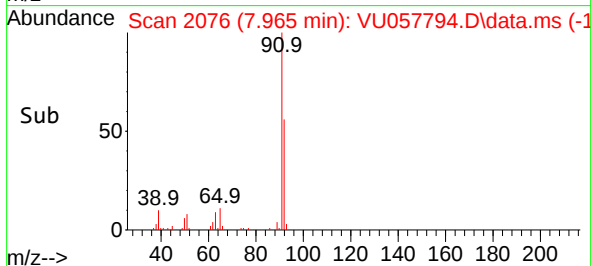
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 92 Resp: 1214
Ion Ratio Lower Upper
92 100
91 177.9 143.0 214.6

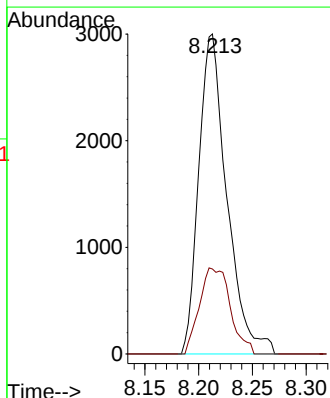
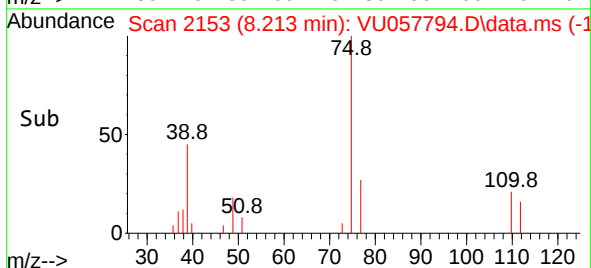
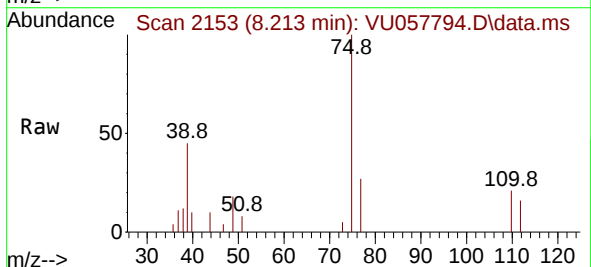
Manual Integrations
APPROVED

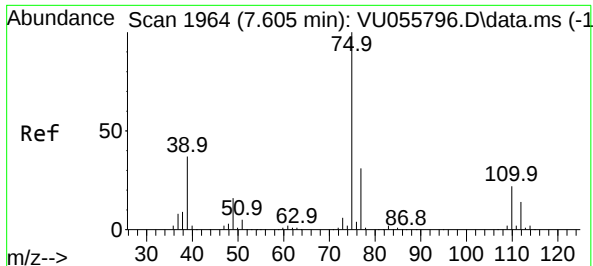
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

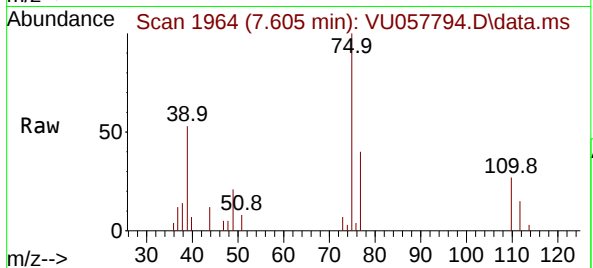
Tgt Ion: 75 Resp: 5440
Ion Ratio Lower Upper
75 100
77 26.6 25.3 37.9





#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

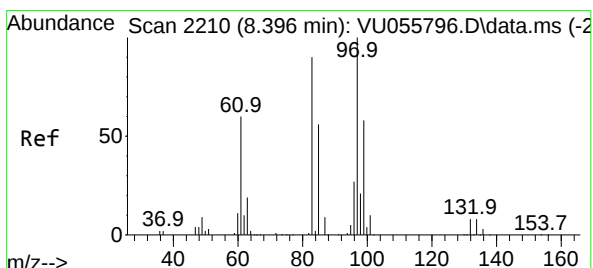
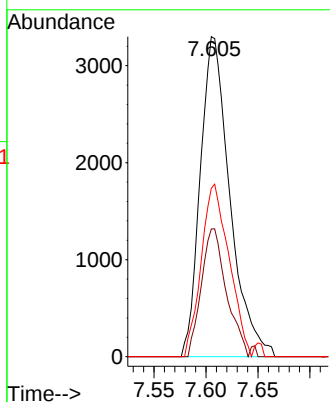
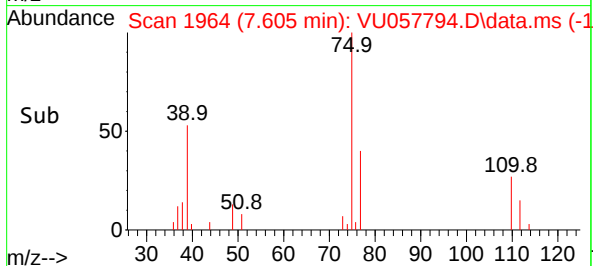
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 653
 Ion Ratio Lower Upper
 75 100
 77 39.9 25.7 38.5
 39 52.7 32.8 49.2

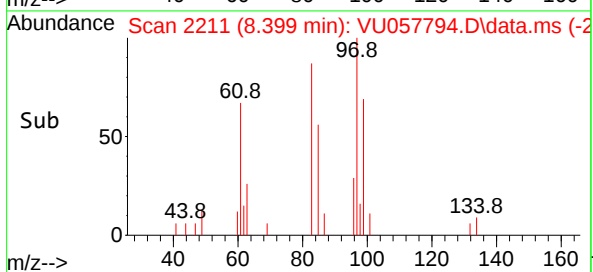
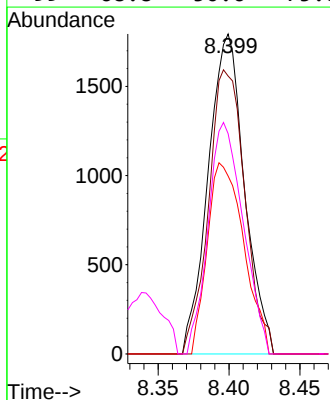
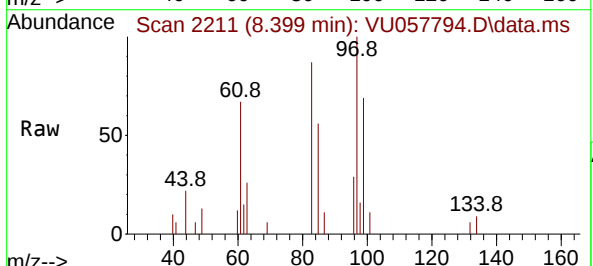
Manual Integrations
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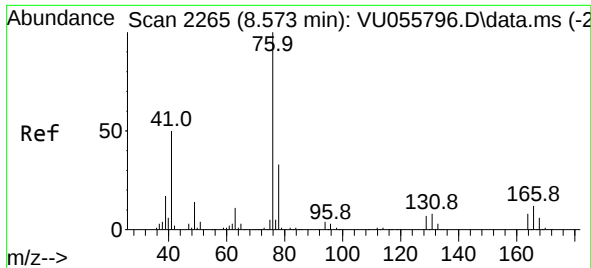
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#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

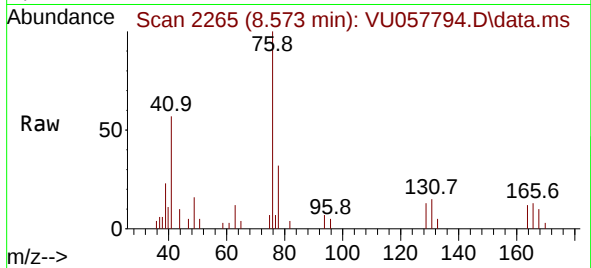
Tgt Ion: 97 Resp: 3197
 Ion Ratio Lower Upper
 97 100
 83 86.8 71.8 107.8
 85 55.6 45.2 67.8
 99 68.8 50.6 75.8





#53
1,3-Dichloropropane
Concen: 0.431 ug/l
RT: 8.573 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

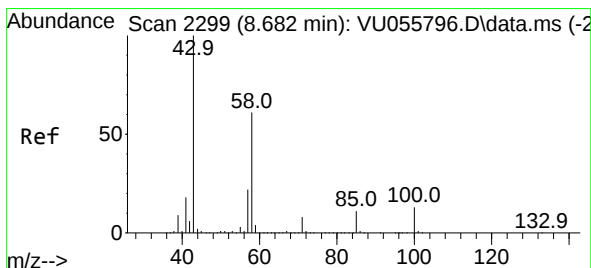
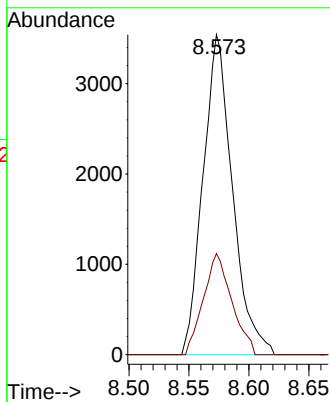
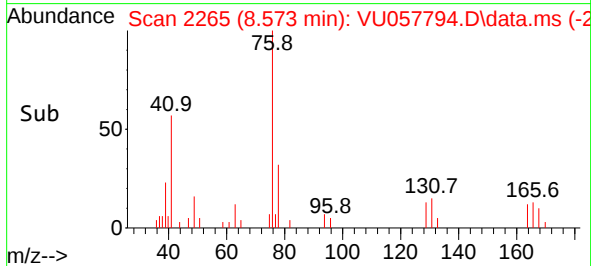
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



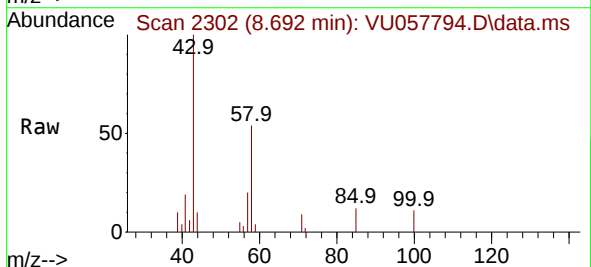
Tgt Ion: 76 Resp: 6040
Ion Ratio Lower Upper
76 100
78 30.5 25.9 38.9

Manual Integrations
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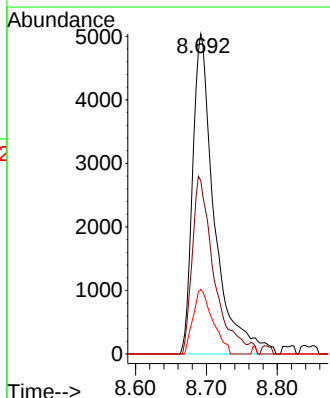
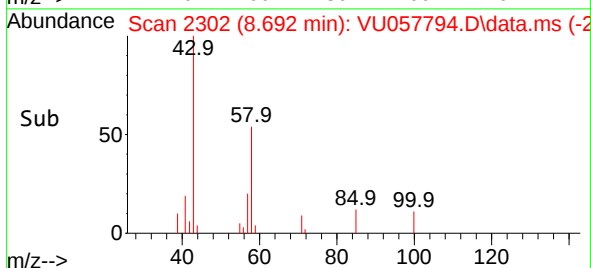
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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



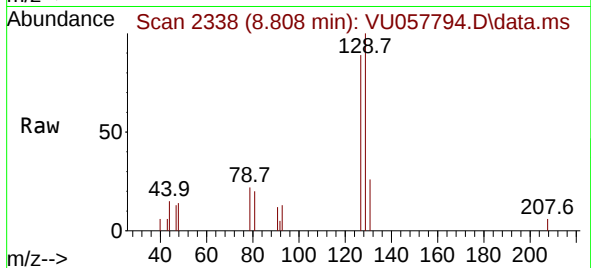
Tgt Ion: 43 Resp: 10734
Ion Ratio Lower Upper
43 100
58 54.4 38.2 78.2
57 18.2 0.0 39.1





#55
Dibromochloromethane
Concen: 0.391 ug/l
RT: 8.808 min Scan# 2138
Delta R.T. 0.001 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

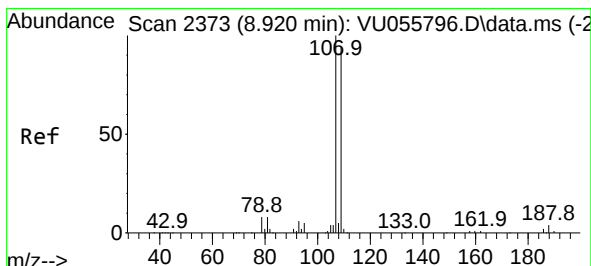
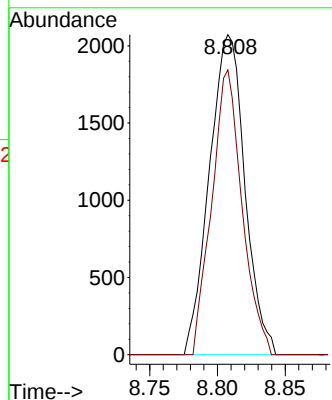
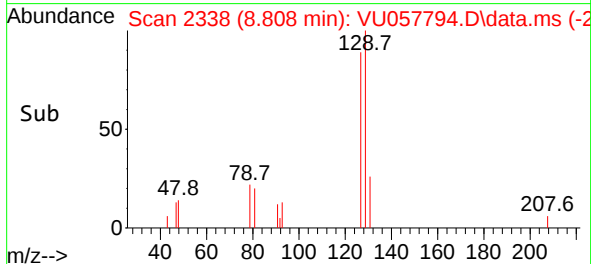
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



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

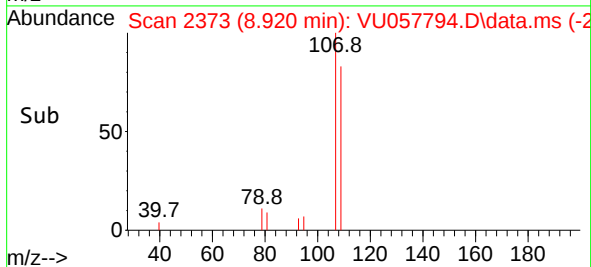
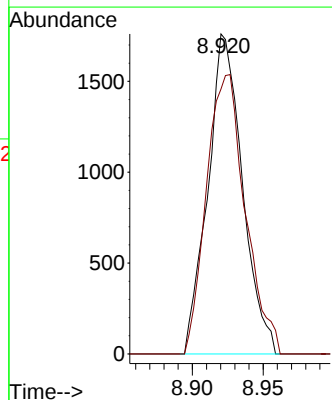
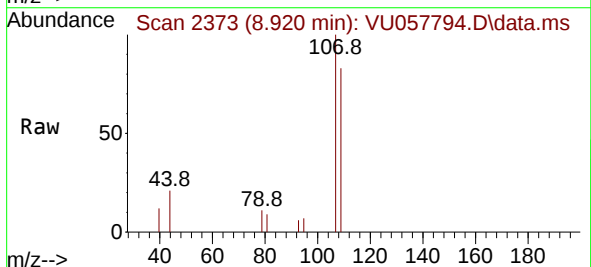
Manual Integrations
APPROVED

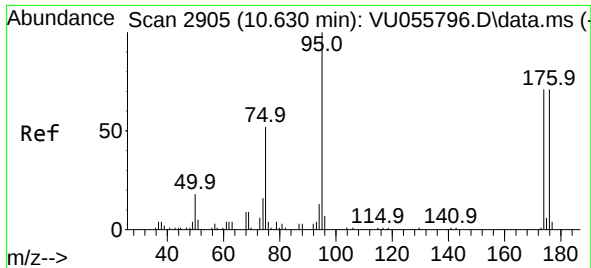
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

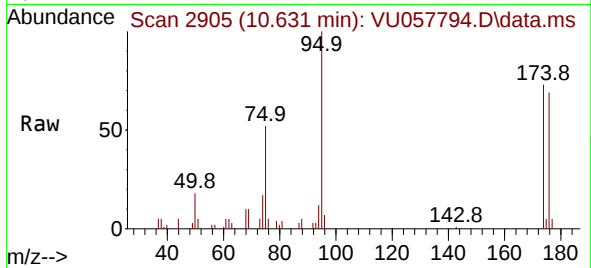
Tgt Ion:107 Resp: 2989
Ion Ratio Lower Upper
107 100
109 97.9 0.0 184.4





#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

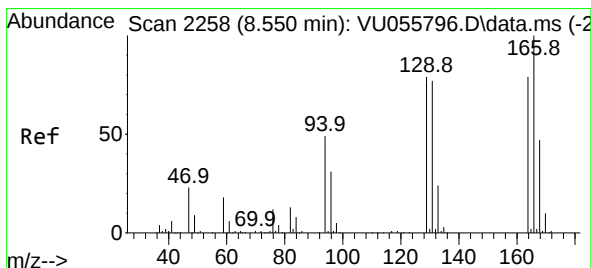
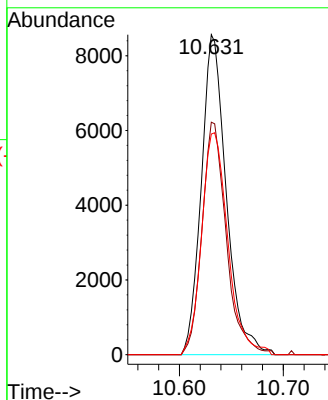
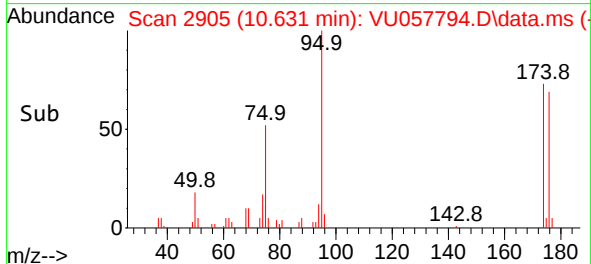
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



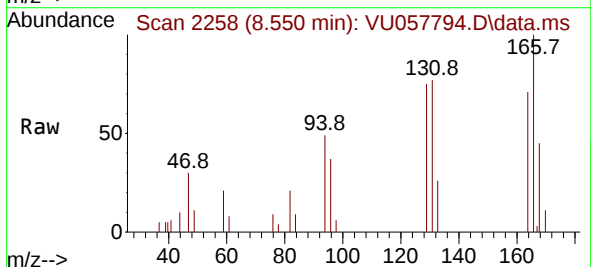
Tgt Ion: 95 Resp: 14290
Ion Ratio Lower Upper
95 100
174 70.7 63.3 94.9
176 72.8 59.3 88.9

Manual Integrations
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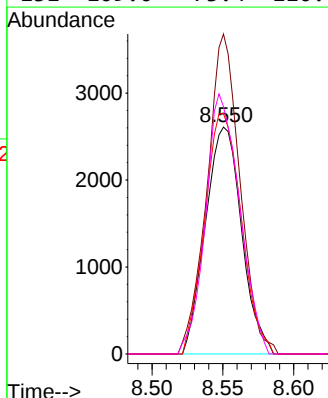
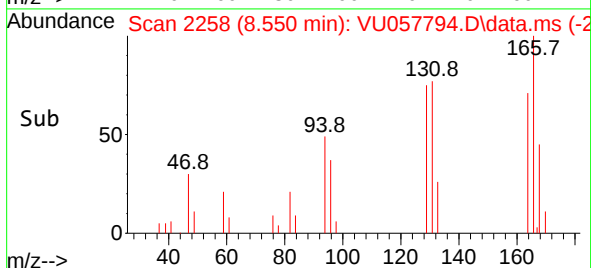
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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



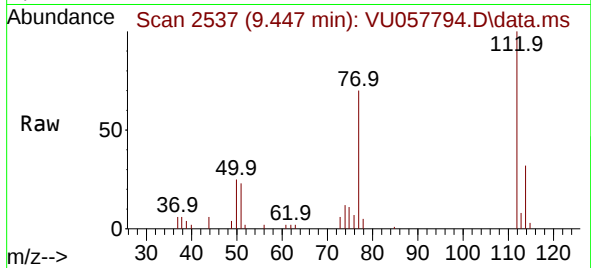
Tgt Ion:164 Resp: 4629
Ion Ratio Lower Upper
164 100
166 141.0 99.6 149.4
129 106.0 78.6 117.8
131 109.0 73.4 110.0





#59
Chlorobenzene
Concen: 0.419 ug/l
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

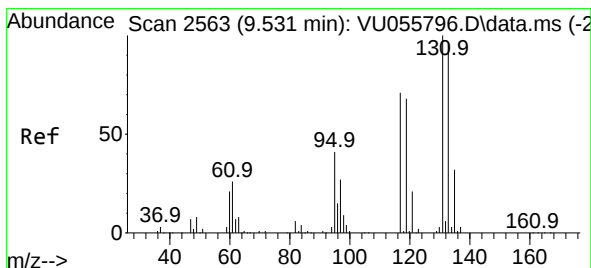
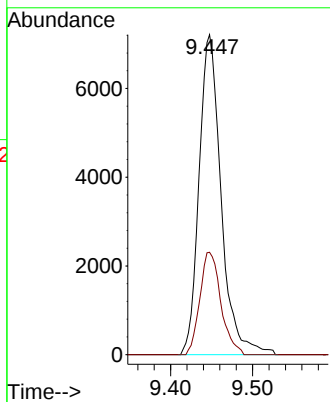
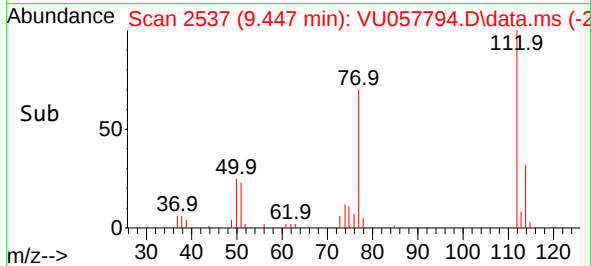
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:112 Resp: 1344
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

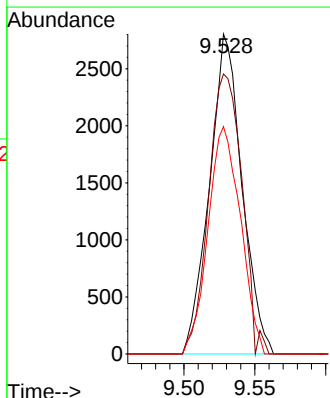
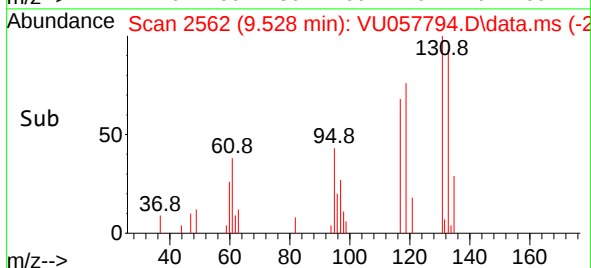
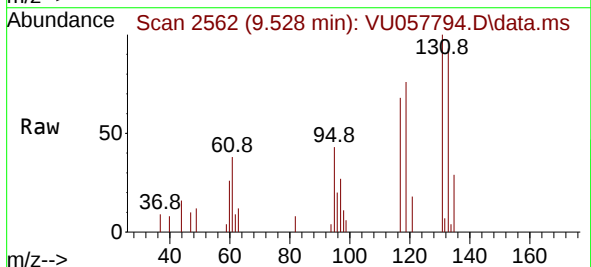
Manual Integrations
APPROVED

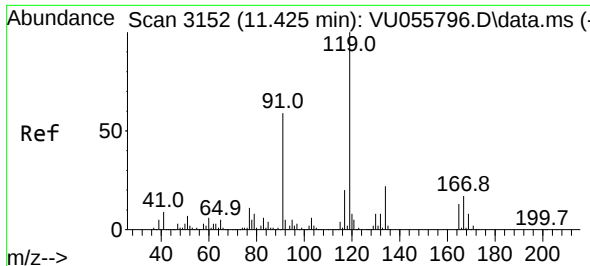
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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





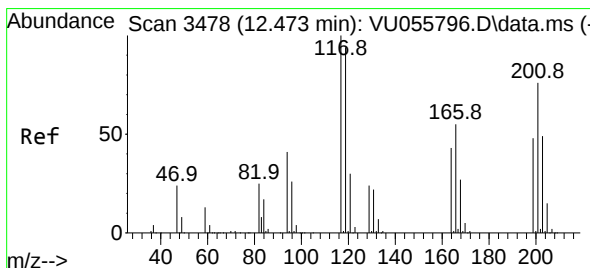
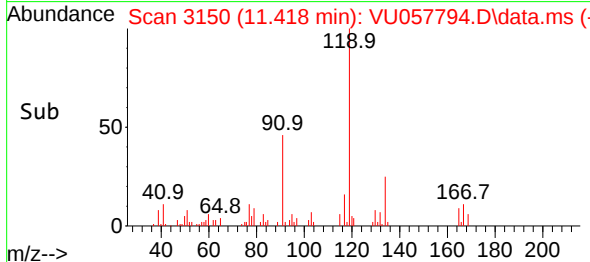
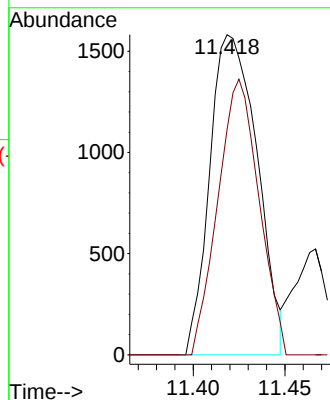
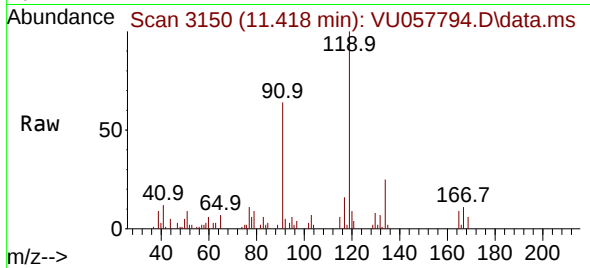
#61
Pentachloroethane
Concen: 0.358 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.007 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

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

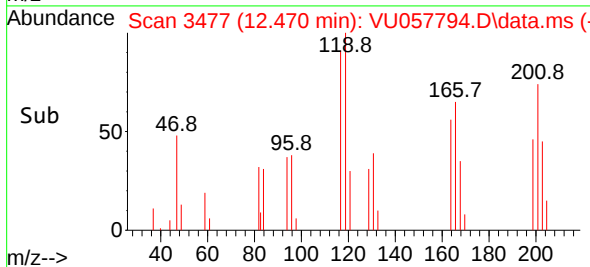
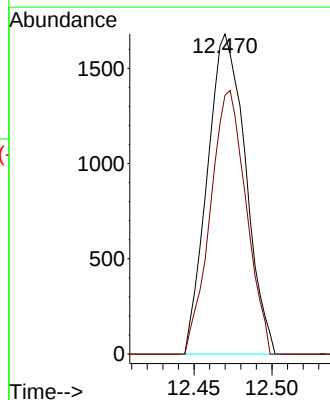
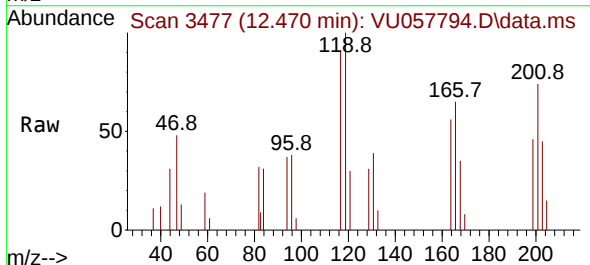
Manual Integrations
APPROVED

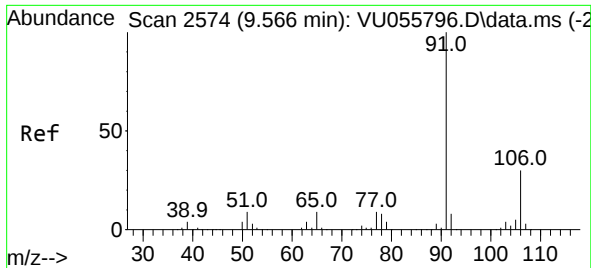
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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





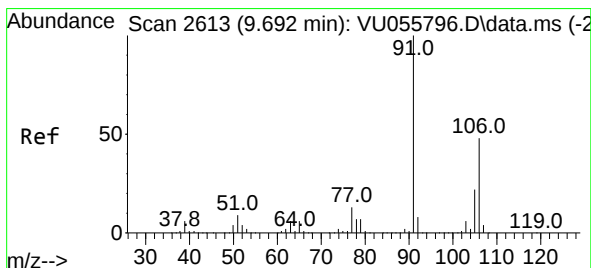
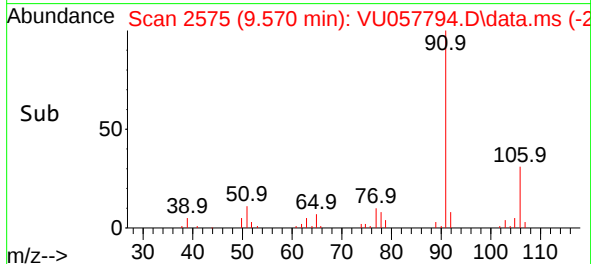
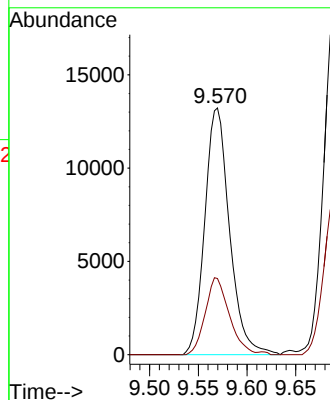
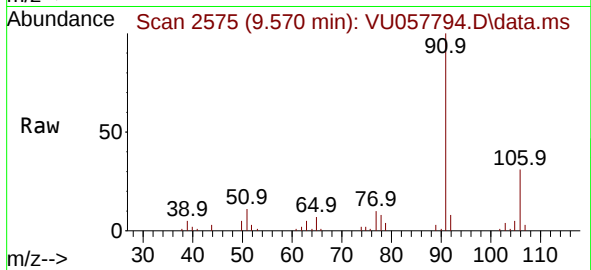
#63
Ethyl Benzene
Concen: 0.409 ug/l
RT: 9.570 min Scan# 2574
Delta R.T. 0.004 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

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

Tgt Ion: 91 Resp: 2335
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2

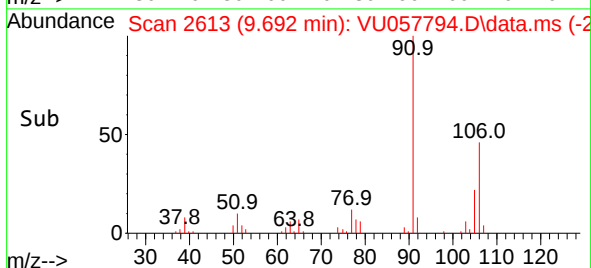
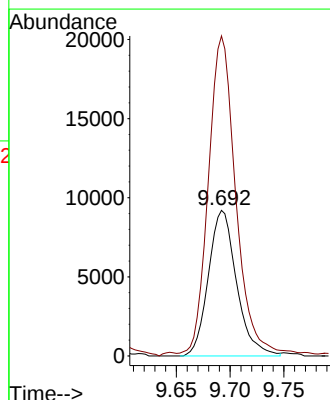
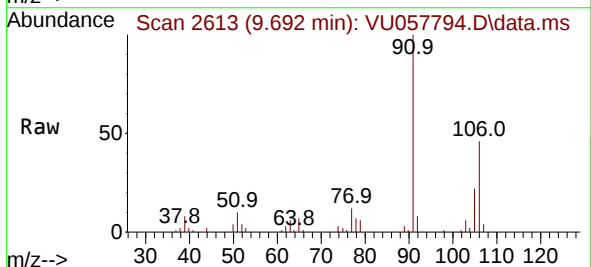
Manual Integrations
APPROVED

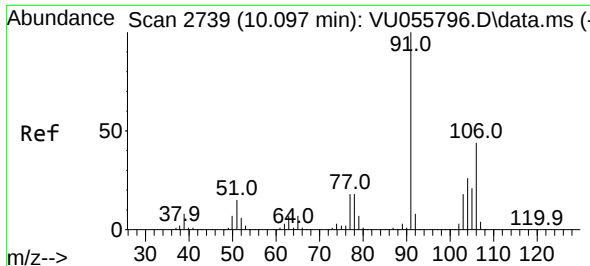
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

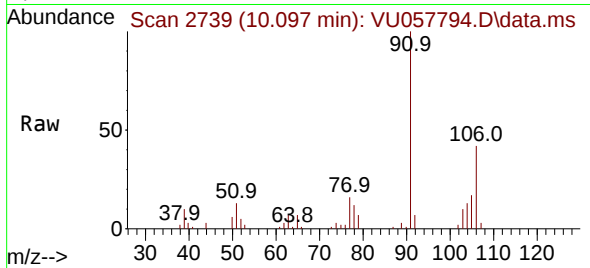
Tgt Ion:106 Resp: 16789
Ion Ratio Lower Upper
106 100
91 210.4 167.3 250.9





#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

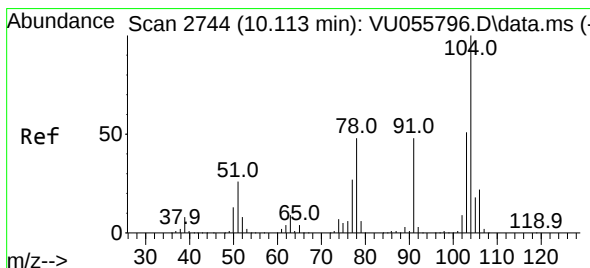
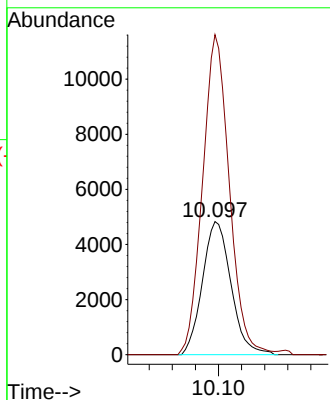
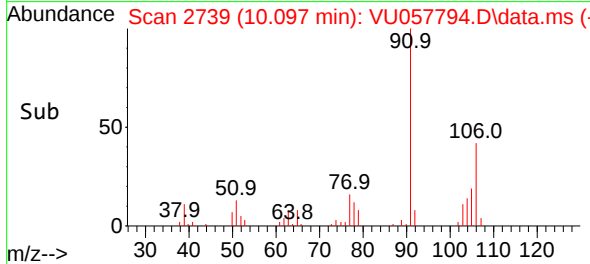
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



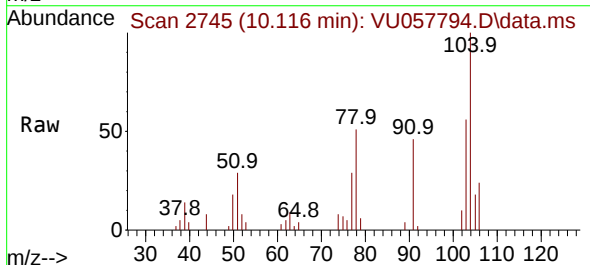
Tgt Ion:106 Resp: 8290
Ion Ratio Lower Upper
106 100
91 225.2 109.3 327.9

Manual Integrations
APPROVED

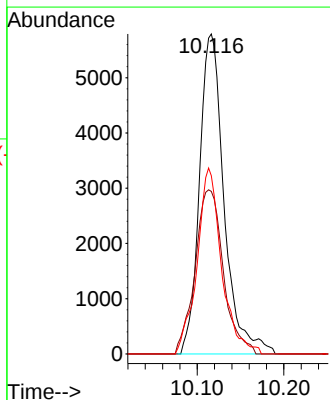
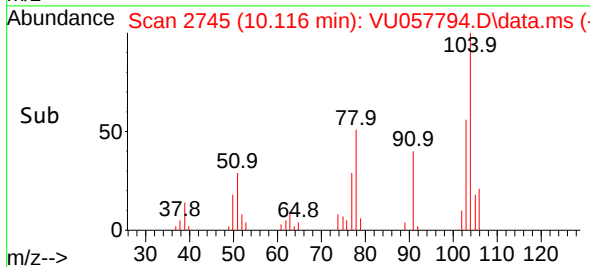
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

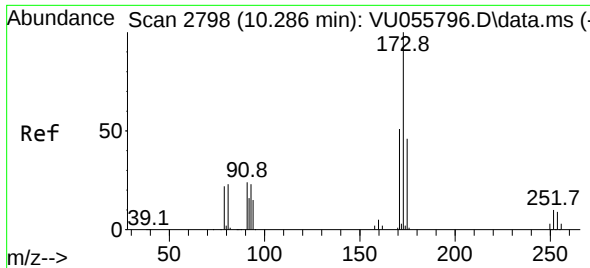


#66
Styrene
Concen: 0.373 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41



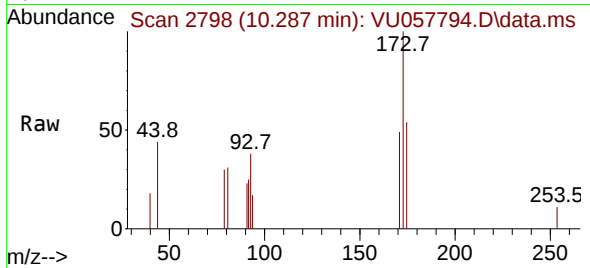
Tgt Ion:104 Resp: 11428
Ion Ratio Lower Upper
104 100
78 59.0 39.7 59.5
103 57.8 44.8 67.2





#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

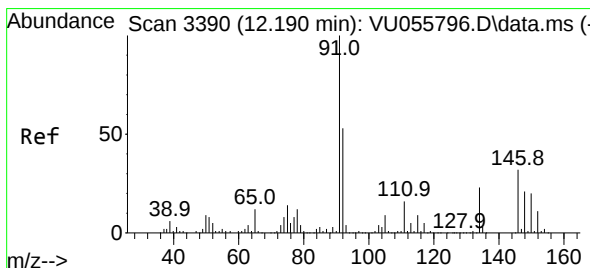
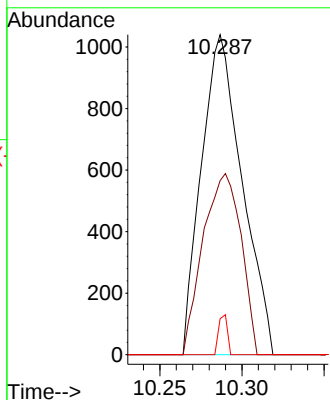
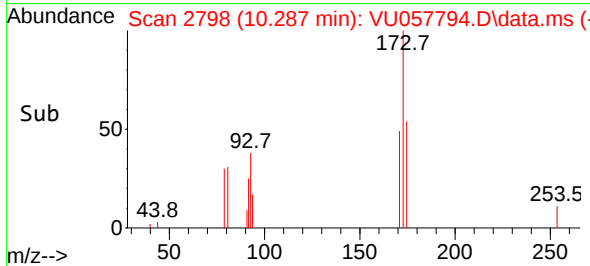
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



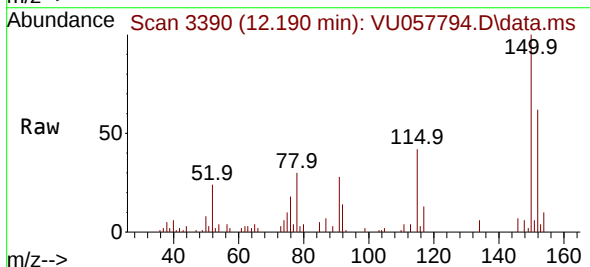
Tgt Ion:173 Resp: 1789
Ion Ratio Lower Upper
173 100
175 53.0 39.0 58.6
254 2.7 7.4 11.0

Manual Integrations
APPROVED

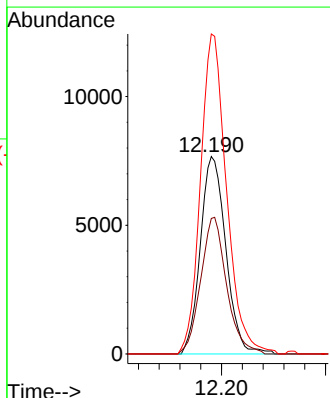
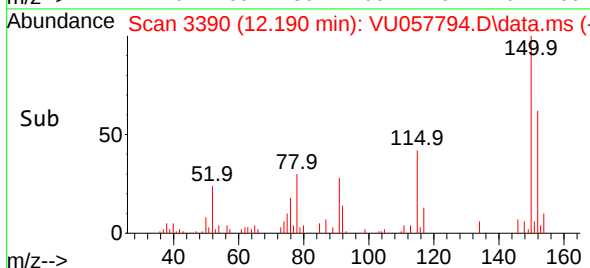
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

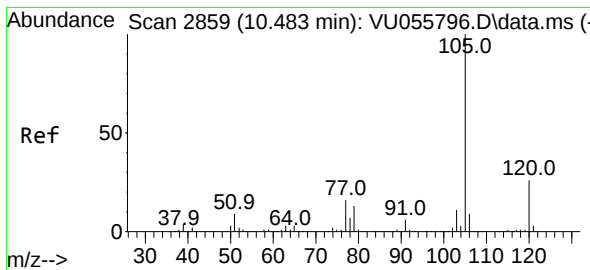


#68
1,2-Dichlorobenzene-d4
Concen: 0.903 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41



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

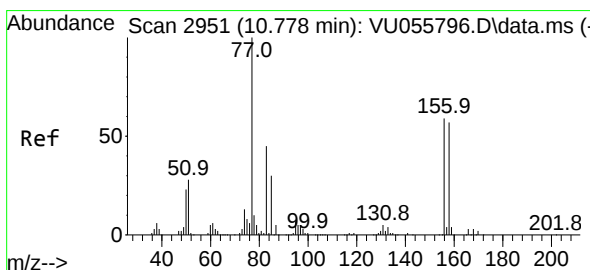
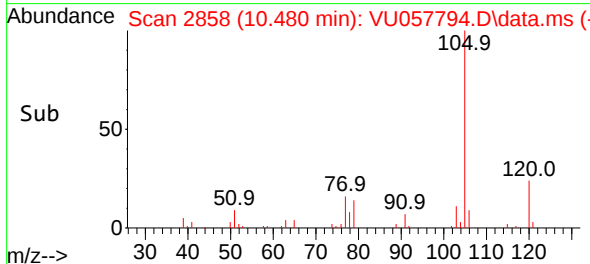
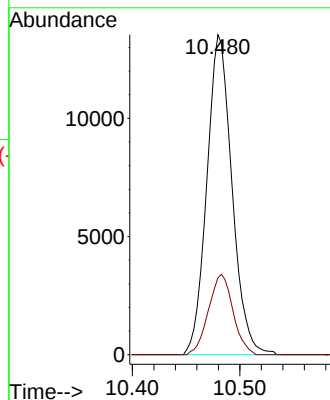
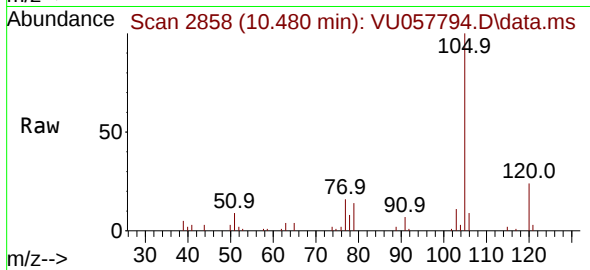
ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 21990
 Ion Ratio Lower Upper
 105 100
 120 24.5 12.8 38.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 0.354 ug/l

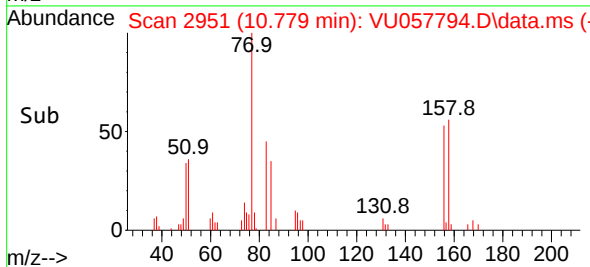
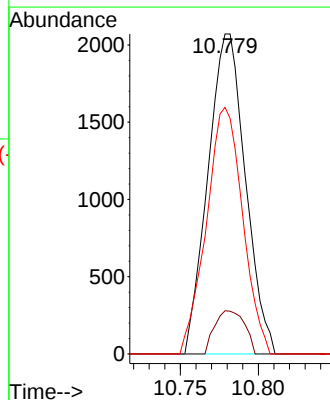
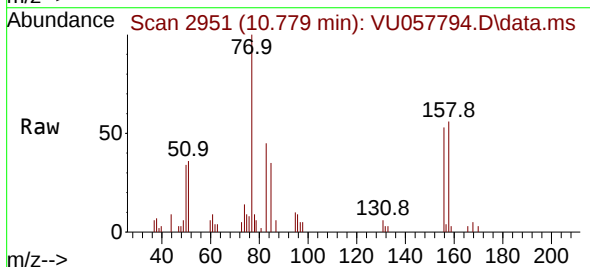
RT: 10.779 min Scan# 2951

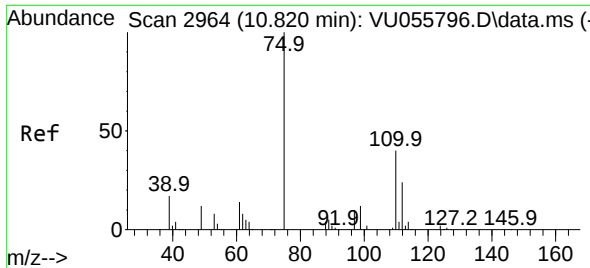
Delta R.T. 0.001 min

Lab File: VU057794.D

Acq: 02 Feb 2024 14:41

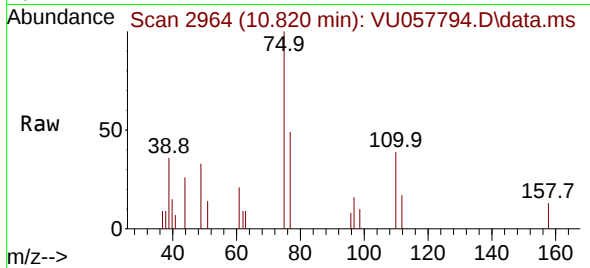
Tgt Ion: 83 Resp: 3458
 Ion Ratio Lower Upper
 83 100
 131 10.8 7.2 10.8
 85 74.6 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.375 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

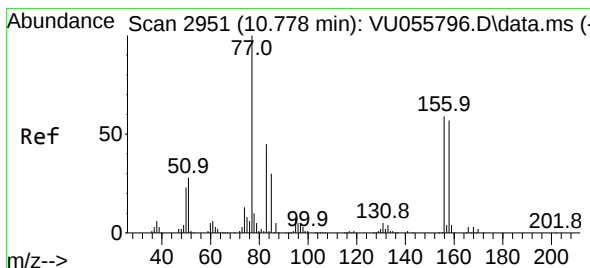
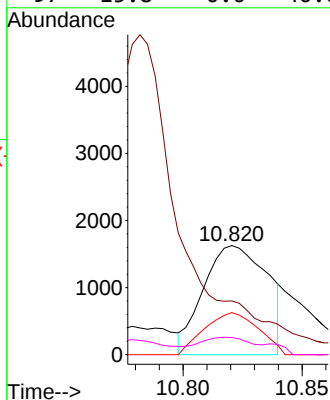
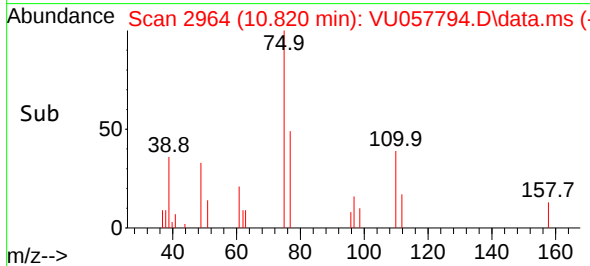
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2024



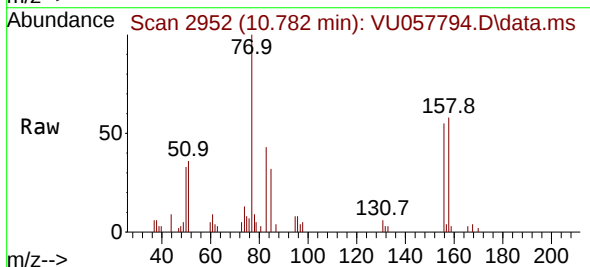
Tgt Ion:	75	Resp:	3028
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	32.8	0.0	74.6
97	15.8	0.0	40.0

Manual Integrations
APPROVED

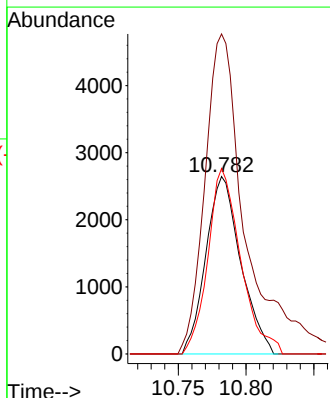
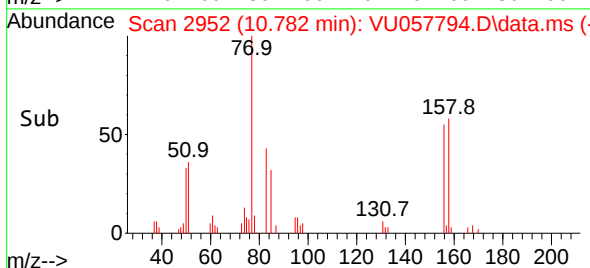
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

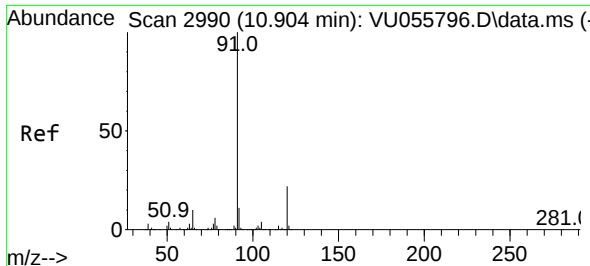


#72
Bromobenzene
Concen: 0.399 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41



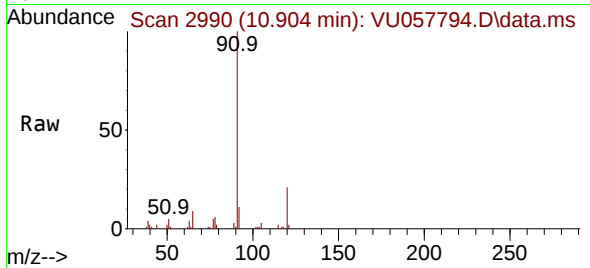
Tgt Ion:	156	Resp:	4727
Ion Ratio	Lower	Upper	
156	100		
77	212.1	0.0	343.0
158	98.5	0.0	194.8





#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

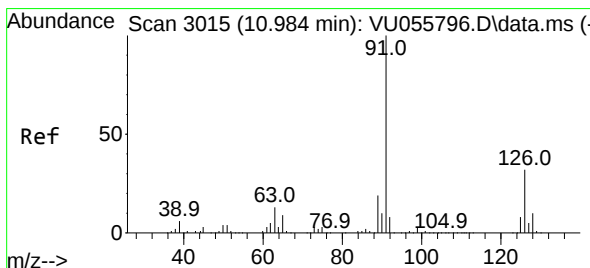
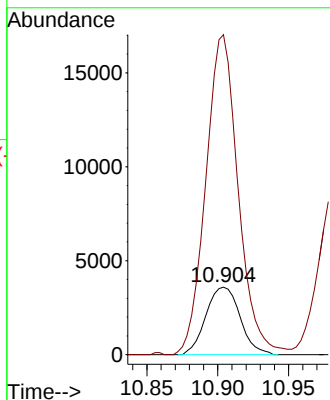
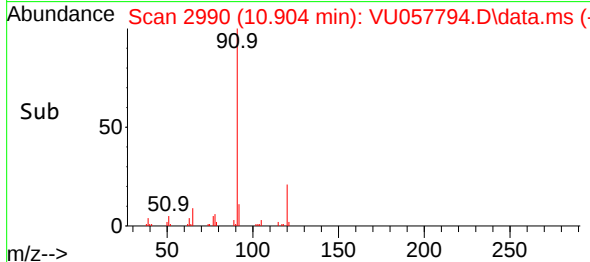
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



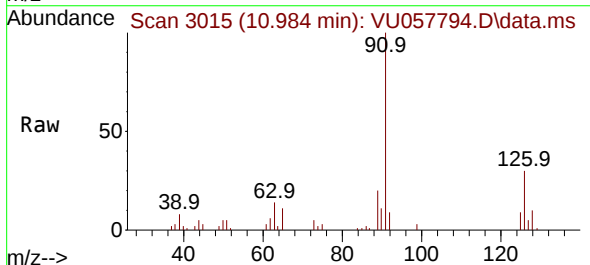
Tgt Ion:120 Resp: 603
Ion Ratio Lower Upper
120 100
91 451.2 369.8 554.6

Manual Integrations
APPROVED

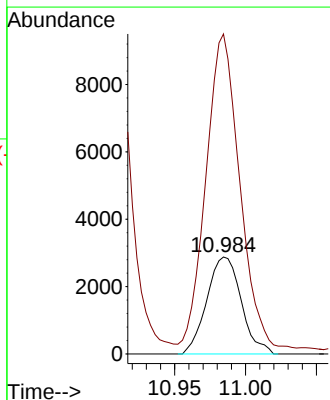
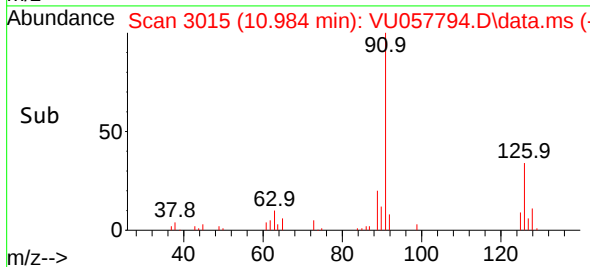
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

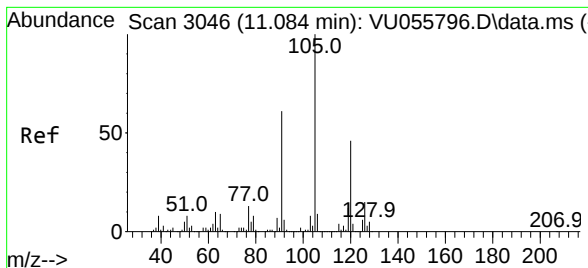


#74
2-Chlorotoluene
Concen: 0.388 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41



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: 18490

Ion Ratio Lower Upper

105 100

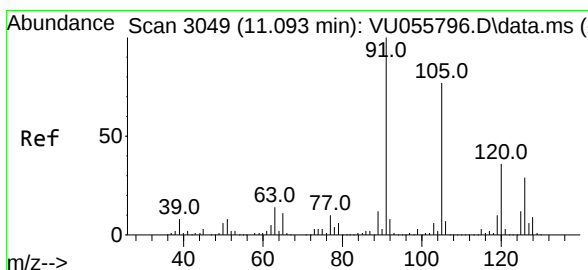
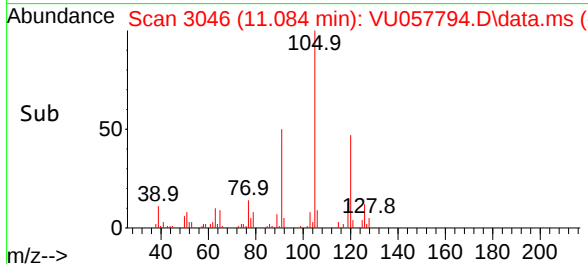
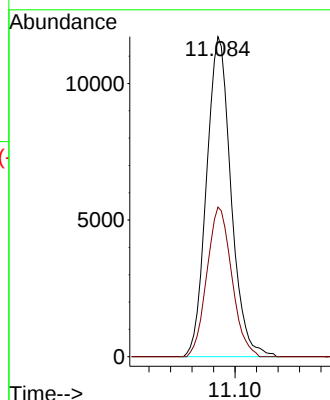
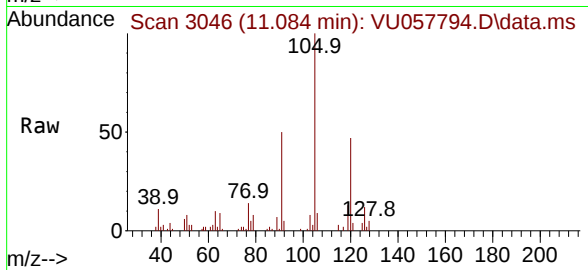
120 47.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#76

4-Chlorotoluene

Concen: 0.409 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.004 min

Lab File: VU057794.D

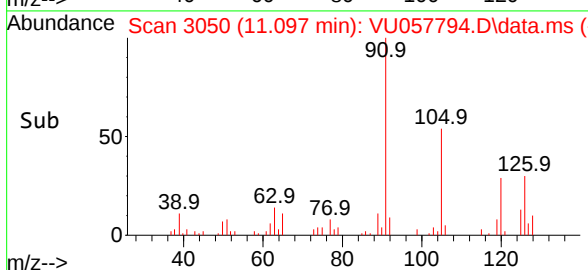
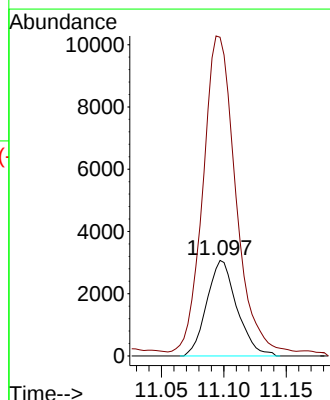
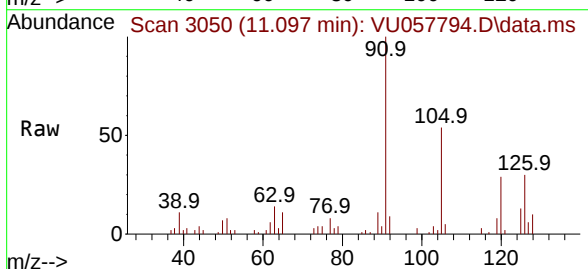
Acq: 02 Feb 2024 14:41

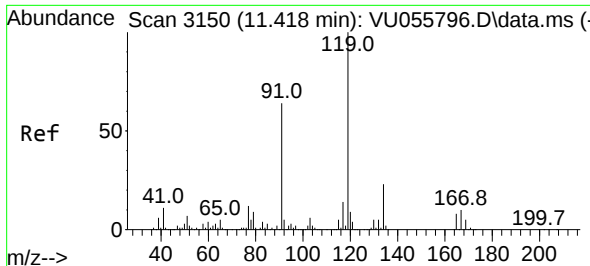
Tgt Ion:126 Resp: 5150

Ion Ratio Lower Upper

126 100

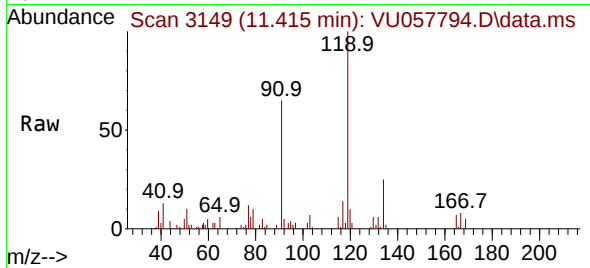
91 356.9 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.414 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

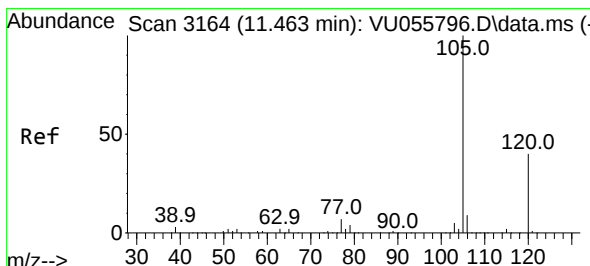
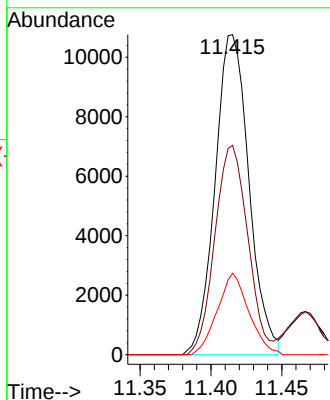
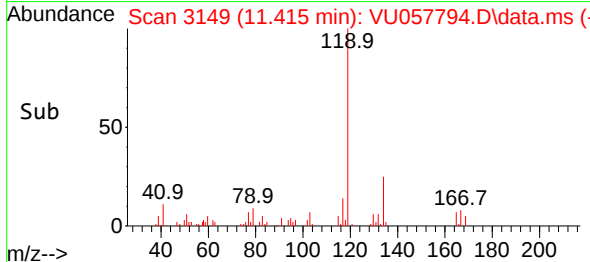
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



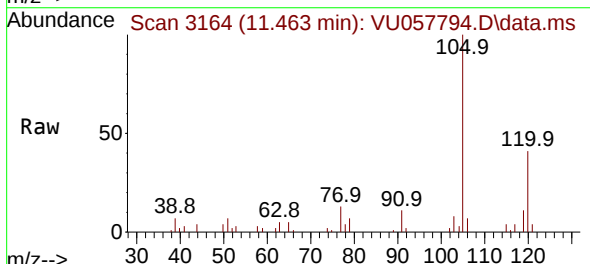
Tgt Ion:119 Resp: 1792
Ion Ratio Lower Upper
119 100
91 63.7 30.8 92.4
134 23.7 18.0 27.0

Manual Integrations
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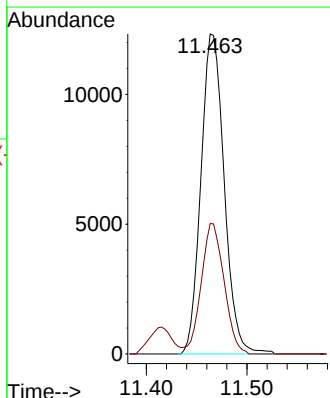
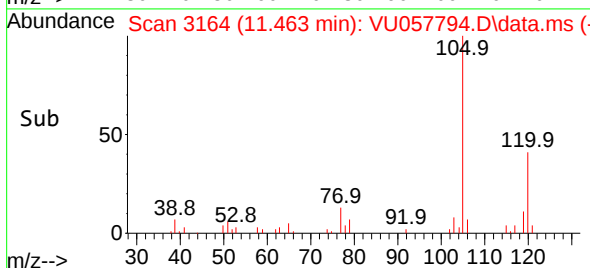
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

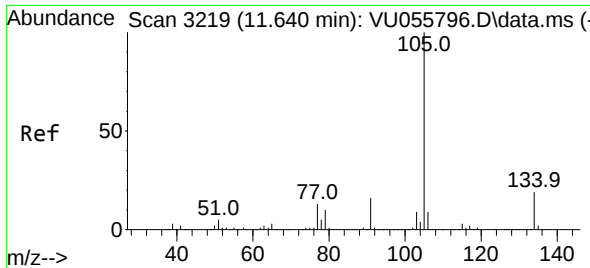


#78
1,2,4-Trimethylbenzene
Concen: 0.424 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41



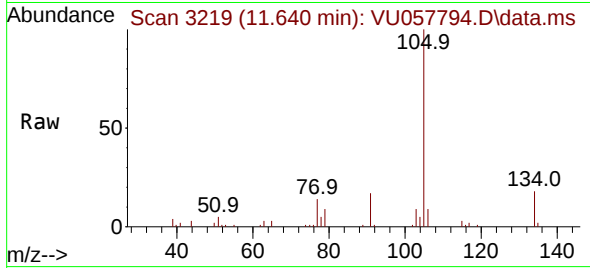
Tgt Ion:105 Resp: 19858
Ion Ratio Lower Upper
105 100
120 40.1 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 0.434 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41

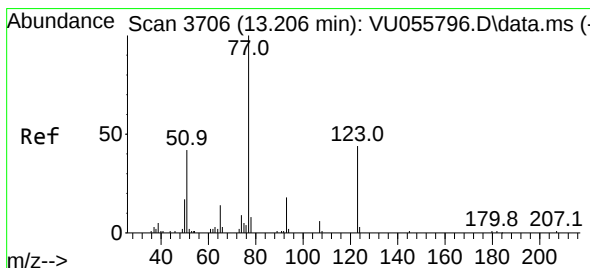
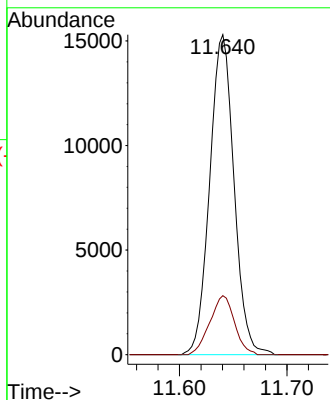
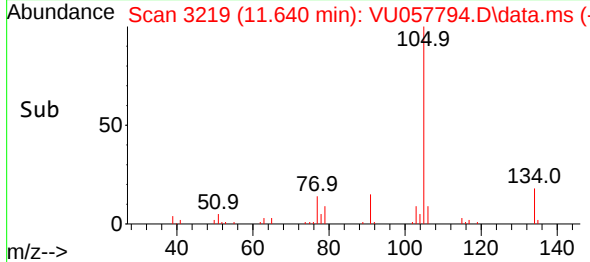
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



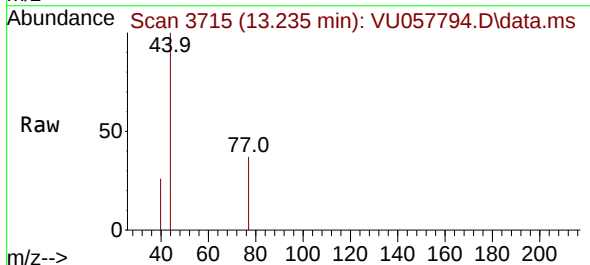
Tgt Ion:105 Resp: 24030
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.9 22.3

Manual Integrations
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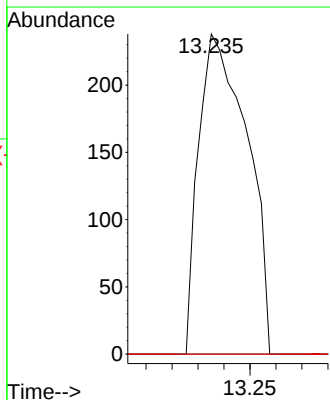
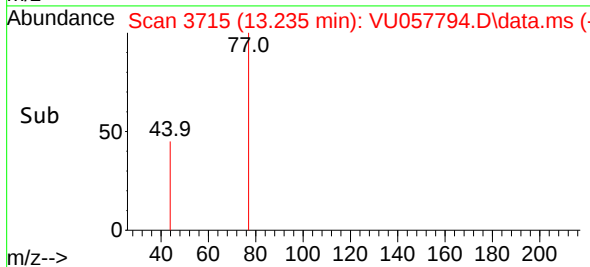
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

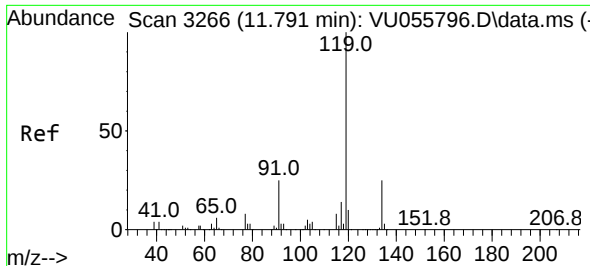


#80
 Nitrobenzene
 Concen: 1.612 ug/l
 RT: 13.235 min Scan# 3715
 Delta R.T. 0.029 min
 Lab File: VU057794.D
 Acq: 02 Feb 2024 14:41



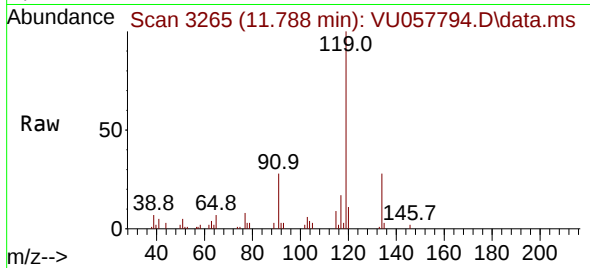
Tgt Ion: 77 Resp: 309
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.7 69.7#
 65 0.0 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 0.417 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

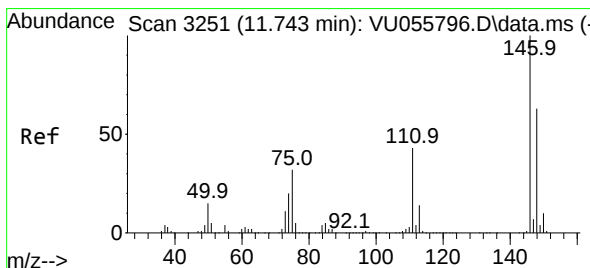
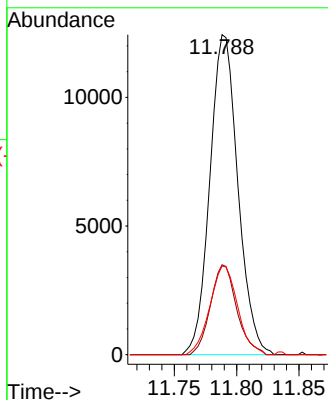
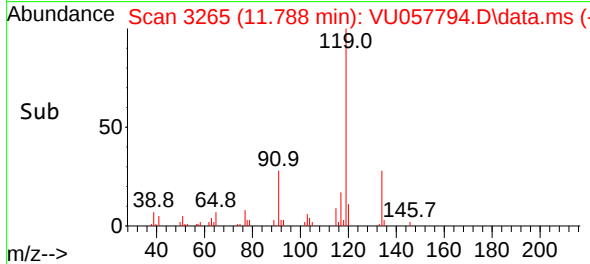
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:119 Resp: 1948
Ion Ratio Lower Upper
119 100
134 26.3 20.2 30.4
91 27.5 19.3 28.9

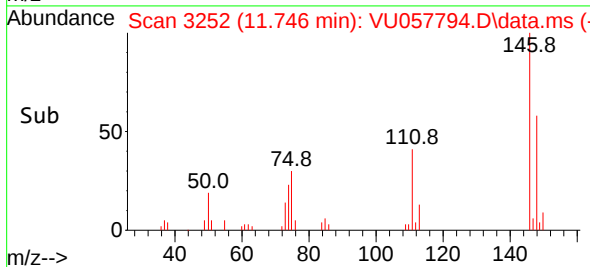
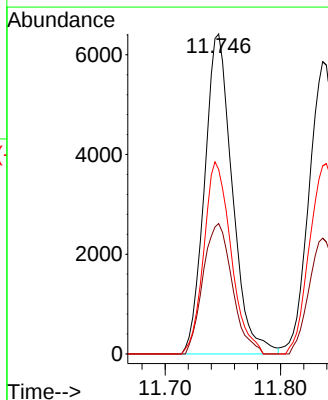
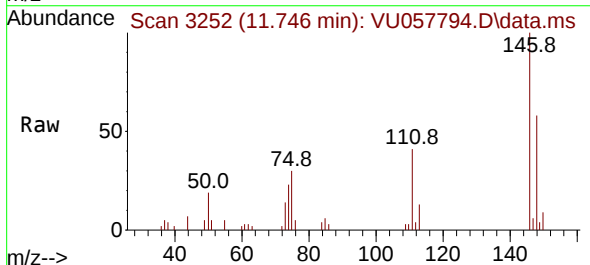
Manual Integrations
APPROVED

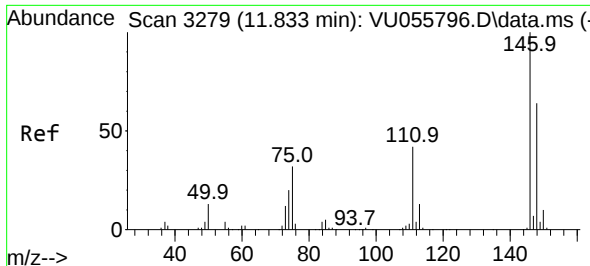
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

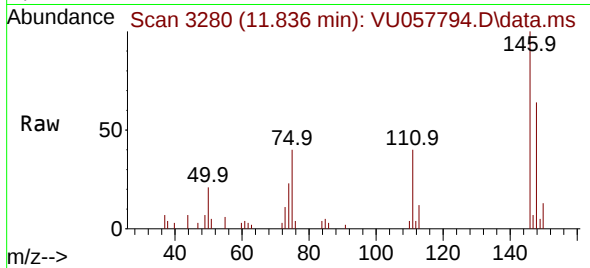
Tgt Ion:146 Resp: 10723
Ion Ratio Lower Upper
146 100
111 43.0 32.6 49.0
148 58.9 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.440 ug/l
RT: 11.836 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

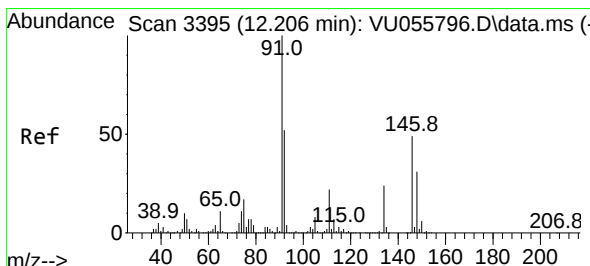
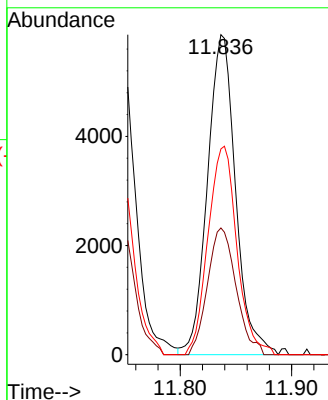
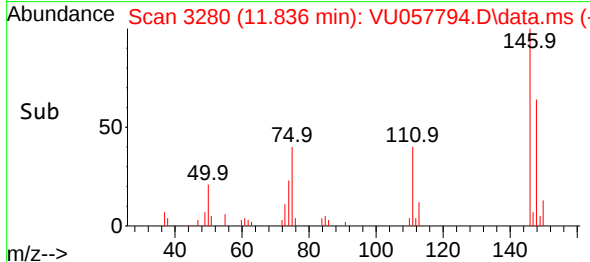
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



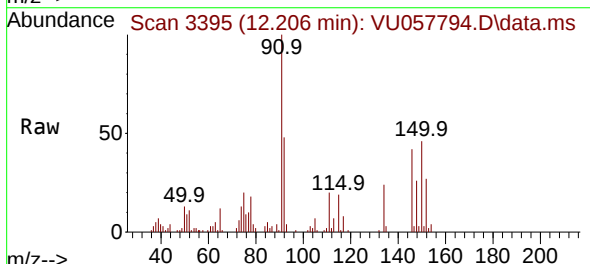
Tgt Ion:146 Resp: 10278
Ion Ratio Lower Upper
146 100
111 40.2 31.6 47.4
148 67.1 50.3 75.5

Manual Integrations
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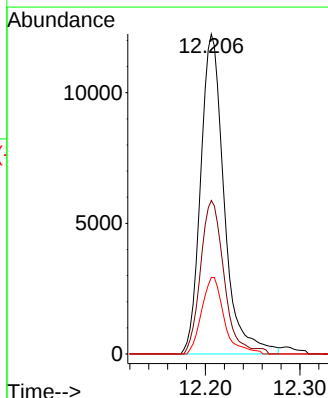
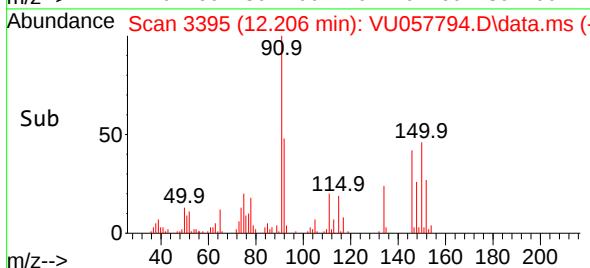
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

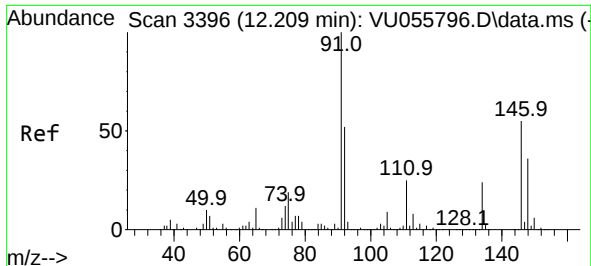


#84
n-Butylbenzene
Concen: 0.473 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41



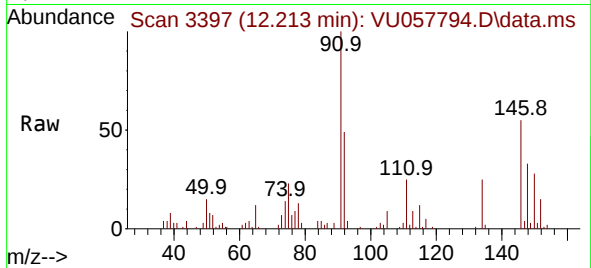
Tgt Ion: 91 Resp: 21130
Ion Ratio Lower Upper
91 100
92 47.5 40.8 61.2
134 22.9 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 0.455 ug/l
RT: 12.213 min Scan# 3397
Delta R.T. 0.004 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

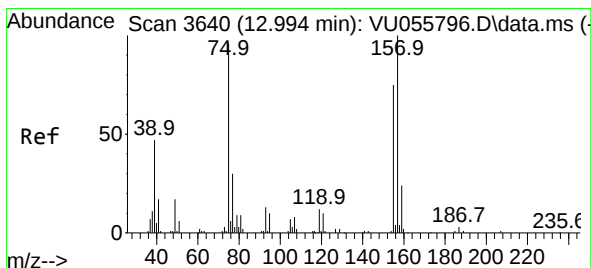
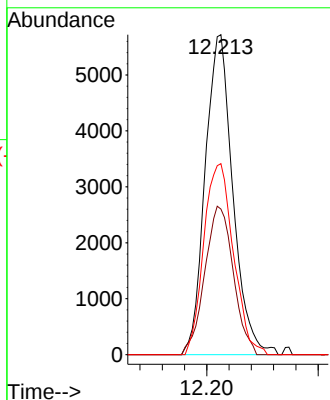
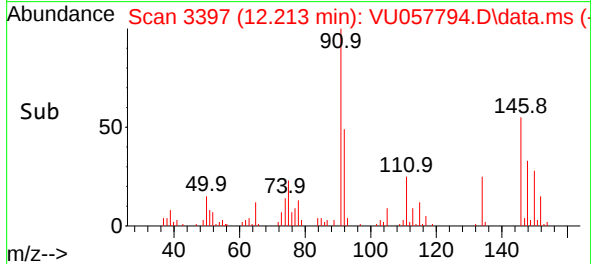
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



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

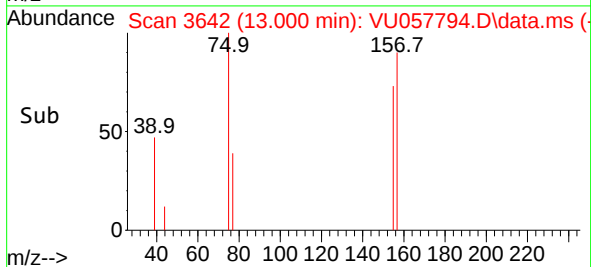
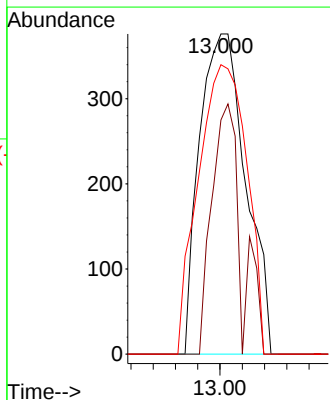
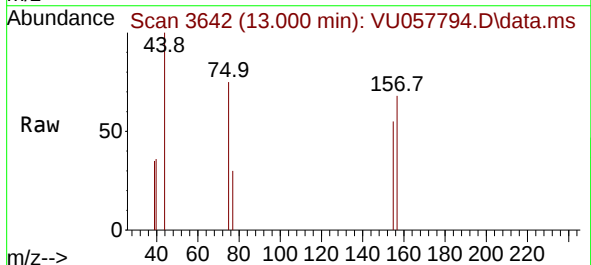
Manual Integrations
APPROVED

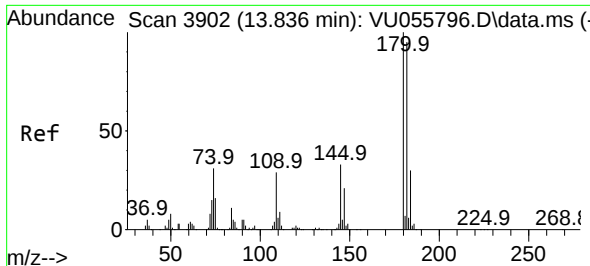
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

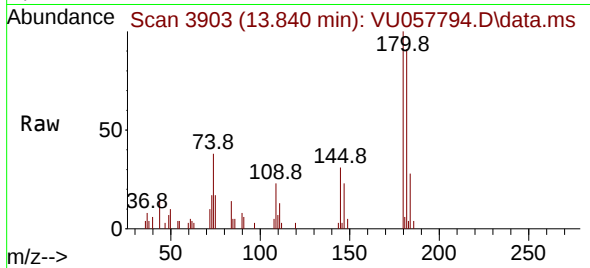
Tgt Ion: 75 Resp: 544
Ion Ratio Lower Upper
75 100
155 49.4 61.8 92.8#
157 94.7 80.2 120.4





#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

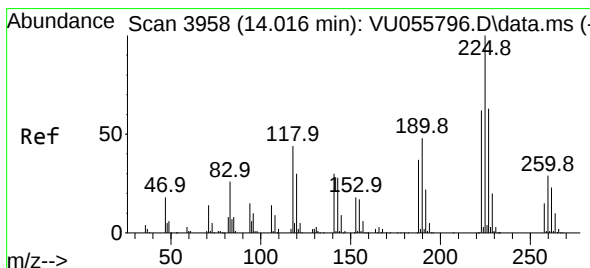
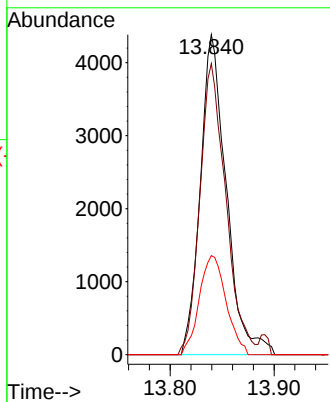
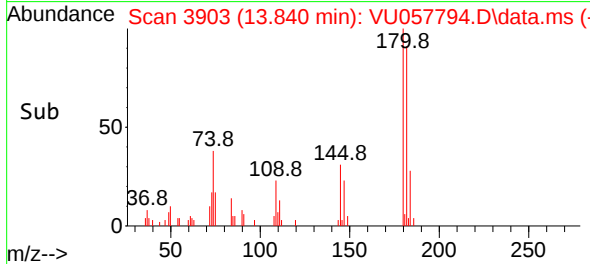
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:180 Resp: 760
Ion Ratio Lower Upper
180 100
182 90.8 75.8 113.6
145 31.9 23.9 35.9

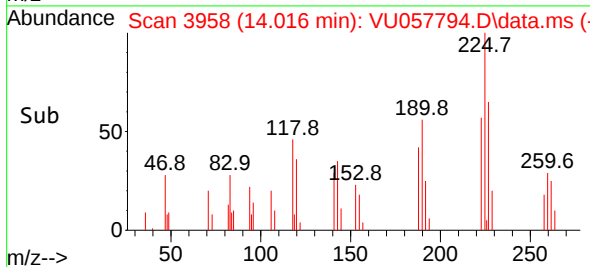
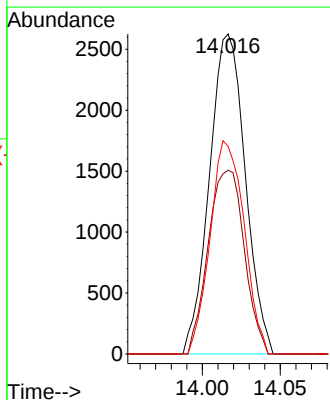
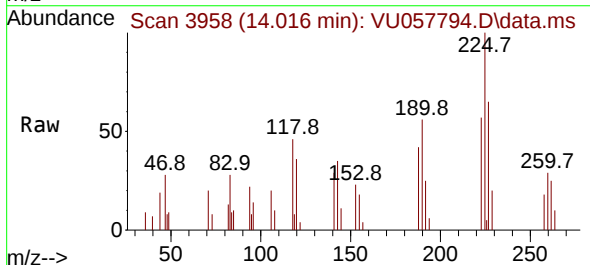
Manual Integrations
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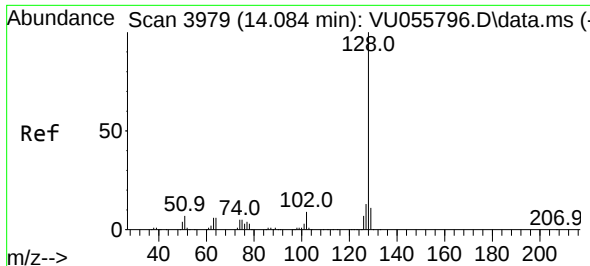
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

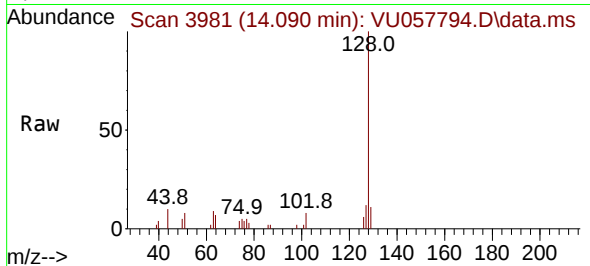
Tgt Ion:225 Resp: 4207
Ion Ratio Lower Upper
225 100
223 57.8 50.2 75.4
227 63.0 51.5 77.3





#89
Naphthalene
Concen: 0.609 ug/l
RT: 14.090 min Scan# 3979
Delta R.T. 0.006 min
Lab File: VU057794.D
Acq: 02 Feb 2024 14:41

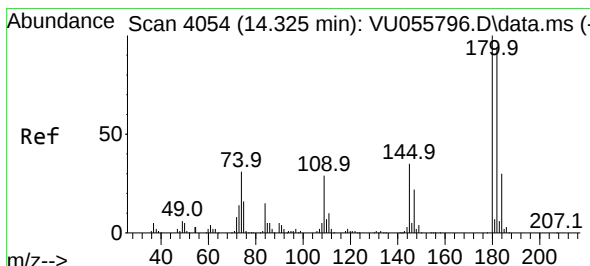
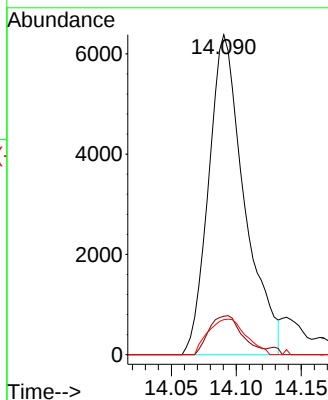
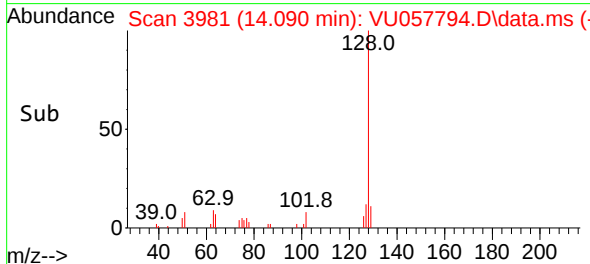
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:128 Resp: 1220
Ion Ratio Lower Upper
128 100
127 11.4 10.9 16.3
129 11.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#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

