

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020124\
 Data File : VU057777.D
 Acq On : 01 Feb 2024 14:43
 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 02 01:22:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 01:21:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

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

Internal Standards						
1) Fluorobenzene	6.110	96	41590	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	13747	0.873	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13823	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	6146	0.444	ug/l	99
3) Chloromethane	1.518	50	6073	0.457	ug/l	96
4) Vinyl Chloride	1.602	62	6091	0.450	ug/l	94
5) Bromomethane	1.856	94	4047	0.503	ug/l #	77
6) Chloroethane	1.930	64	3826	0.447	ug/l	98
7) Trichlorofluoromethane	2.136	101	8866	0.427	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	4939	0.463	ug/l	95
9) 1,1-Dichloroethene	2.576	96	4895	0.474	ug/l	82
10) Iodomethane	2.718	142	5048	0.412	ug/l	93
11) Allyl Chloride	2.920	41	6115	0.436	ug/l #	81
12) Acrylonitrile	3.345	53	1480m	0.839	ug/l	
13) Acetone	2.660	43	7513	2.353	ug/l	99
14) Carbon Disulfide	2.788	76	14945	0.452	ug/l	99
15) Methylene Chloride	3.042	84	6604	0.535	ug/l	94
16) trans-1,2-Dichloroethene	3.348	96	4560	0.404	ug/l	98
17) 1,1-Dichloroethane	3.862	63	9241	0.434	ug/l	99
18) 2-Butanone	4.753	43	8354m	2.428	ug/l	
19) Cyclohexane	5.377	56	7768	0.465	ug/l	93
20) Methylcyclohexane	6.759	83	8422	0.417	ug/l	98
21) 2,2-Dichloropropane	4.653	77	8182	0.432	ug/l	96
22) cis-1,2-Dichloroethene	4.663	96	5650	0.457	ug/l	99
23) Diethyl Ether	2.374	59	3265	0.438	ug/l	90
24) tert-Butyl Alcohol	3.271	59	4115m	4.853	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	11132	0.459	ug/l	93
26) Bromochloromethane	4.972	128	1960	0.395	ug/l	88
27) Chloroform	5.081	83	9918	0.448	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	8780	0.439	ug/l	96
29) 1,1-Dichloropropene	5.525	75	7274	0.450	ug/l	93
30) Carbon Tetrachloride	5.518	117	7150	0.415	ug/l	98
31) Isopropyl Ether	3.988	45	14605	0.468	ug/l	100
32) Ethyl-t-butyl ether	4.492	59	12467	0.431	ug/l	96
33) Tert-Amyl methyl ether	5.936	73	11107	0.456	ug/l	97
34) Propionitrile	4.862	54	924m	1.296	ug/l	
35) Benzene	5.772	78	20462	0.439	ug/l	95
36) 1,2-Dichloroethane	5.791	62	5806	0.428	ug/l #	83
37) Trichloroethene	6.537	130	5725	0.463	ug/l	87
38) 1,2-Dichloropropane	6.788	63	5199	0.430	ug/l	100
39) Methacrylonitrile	5.000	41	1200m	0.422	ug/l	
40) Methyl acrylate	4.894	55	1875m	0.438	ug/l	
41) Tetrahydrofuran	5.078	42	1001	0.660	ug/l #	77
42) 1-Chlorobutane	5.454	56	8767	0.411	ug/l	98
43) Dibromomethane	6.917	93	2481	0.447	ug/l	88
44) Bromodichloromethane	7.103	83	6609	0.425	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	12510	2.113	ug/l	98
46) t-1,4-Dichloro-2-butene	10.843	75	1040m	0.773	ug/l	
47) Methyl methacrylate	6.965	69	3261	0.665	ug/l #	71
48) Ethyl methacrylate	8.338	69	3691	0.375	ug/l	91
49) Toluene	7.968	92	11801	0.415	ug/l	97
50) t-1,3-Dichloropropene	8.213	75	5128	0.382	ug/l	93
51) cis-1,3-Dichloropropene	7.608	75	7242	0.426	ug/l #	87
52) 1,1,2-Trichloroethane	8.396	97	2976	0.389	ug/l #	95
53) 1,3-Dichloropropane	8.573	76	5552	0.404	ug/l	94
54) 2-Hexanone	8.692	43	10626	1.950	ug/l	99
55) Dibromochloromethane	8.804	129	3611	0.381	ug/l	95
56) 1,2-Dibromoethane	8.920	107	2941	0.417	ug/l	98
58) Tetrachloroethene	8.550	164	4784	0.438	ug/l	91
59) Chlorobenzene	9.444	112	13099	0.416	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.528	131	4174	0.391	ug/l	97
61) Pentachloroethane	11.418	117	3275	0.422	ug/l	92
62) Hexachloroethane	12.466	117	2786	0.329	ug/l	99
63) Ethyl Benzene	9.566	91	22362	0.400	ug/l	99
64) m/p-Xylenes	9.692	106	15648	0.770	ug/l	94
65) o-Xylene	10.097	106	7856	0.391	ug/l	86
66) Styrene	10.116	104	11160	0.372	ug/l	95
67) Bromoform	10.286	173	1686	0.346	ug/l #	94
69) Isopropylbenzene	10.479	105	20892	0.396	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	3775	0.393	ug/l #	98
71) 1,2,3-Trichloropropane	10.820	75	2953m	0.373	ug/l	
72) Bromobenzene	10.785	156	4873	0.420	ug/l	96
73) n-propylbenzene	10.901	120	19771	1.492	ug/l	98
74) 2-Chlorotoluene	10.984	126	4978	0.405	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	18298	0.404	ug/l	97
76) 4-Chlorotoluene	11.097	126	4687	0.379	ug/l	88
77) tert-Butylbenzene	11.415	119	16652	0.392	ug/l	93
78) 1,2,4-Trimethylbenzene	11.466	105	17780	0.387	ug/l	99
79) sec-Butylbenzene	11.637	105	22560	0.415	ug/l	97
80) Nitrobenzene	13.238	77	131	0.697	ug/l #	40
81) p-Isopropyltoluene	11.791	119	17715	0.387	ug/l	97
82) 1,3-Dichlorobenzene	11.746	146	9108	0.388	ug/l	96
83) 1,4-Dichlorobenzene	11.836	146	9546	0.417	ug/l	98
84) n-Butylbenzene	12.206	91	16425	0.375	ug/l	100
85) 1,2-Dichlorobenzene	12.209	146	8560	0.402	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.003	75	516	0.393	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.843	180	4801	0.377	ug/l	96
88) Hexachlorobutadiene	14.016	225	3503	0.429	ug/l	98
89) Naphthalene	14.093	128	6316	0.322	ug/l #	90
90) 1,2,3-Trichlorobenzene	14.331	180	4041	0.382	ug/l	95

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

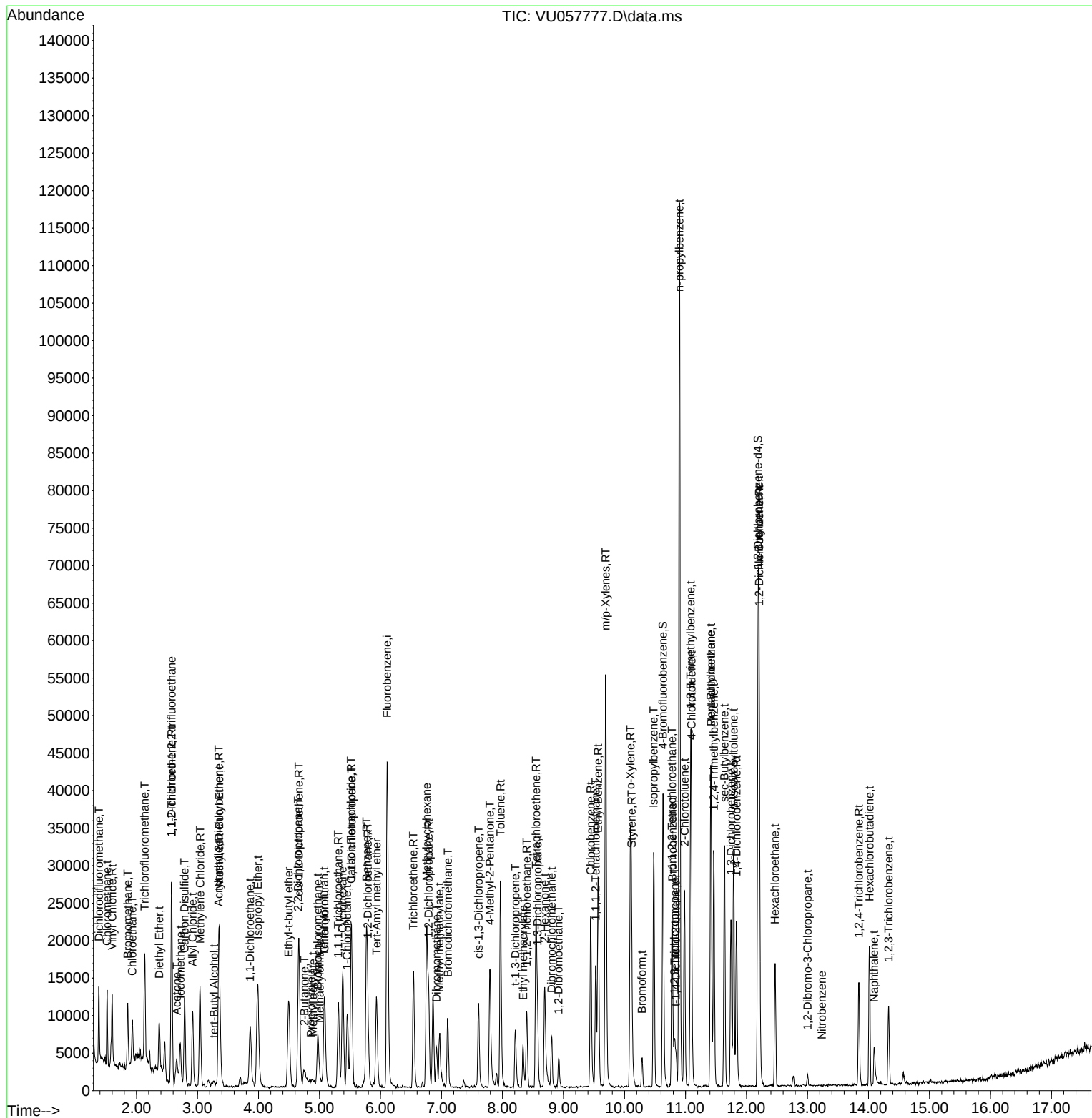
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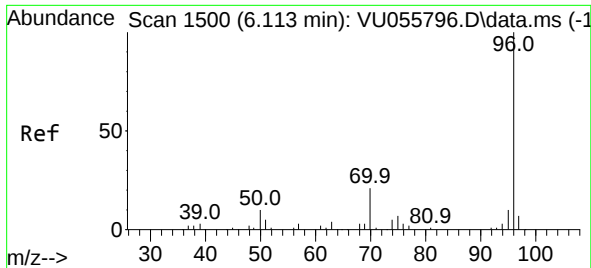
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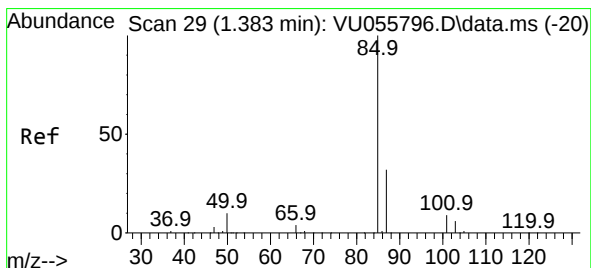
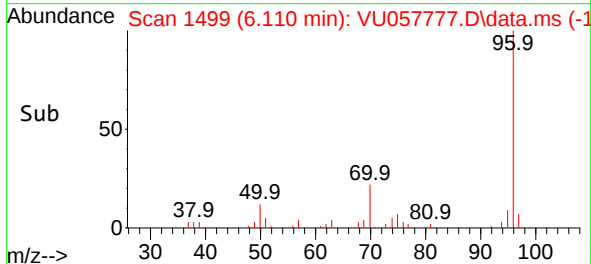
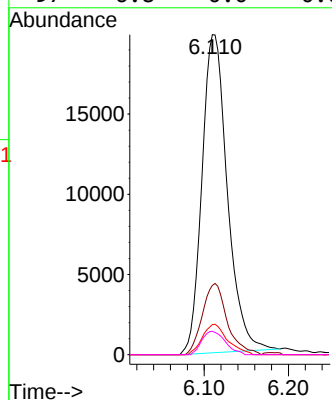
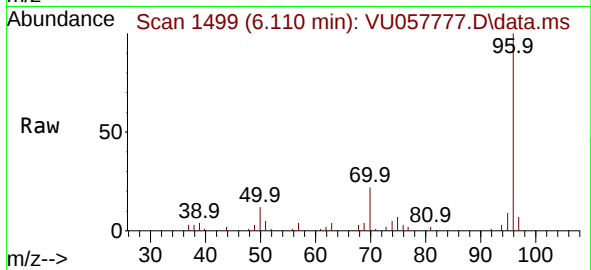
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

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

Tgt Ion: 96 Resp: 41590
Ion Ratio Lower Upper
96 100
70 21.8 16.5 24.7
95 9.4 7.4 11.0
97 6.8 0.0 0.0#

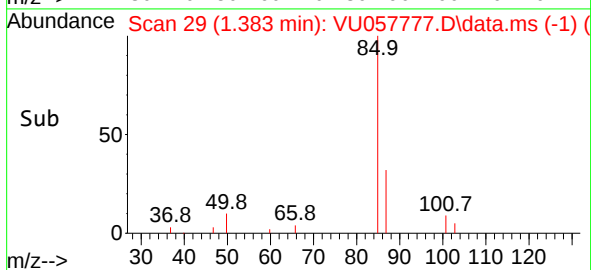
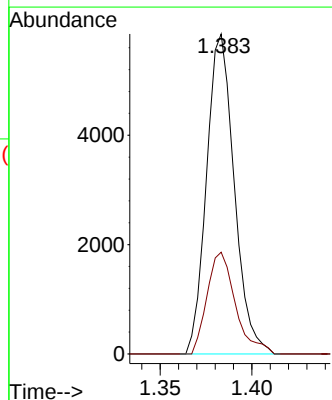
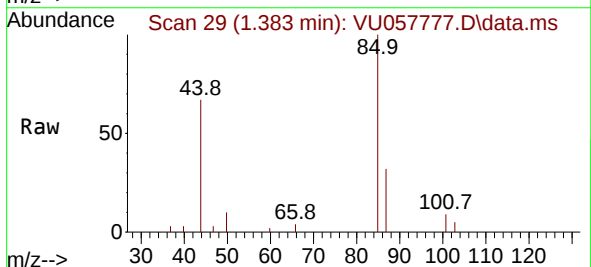
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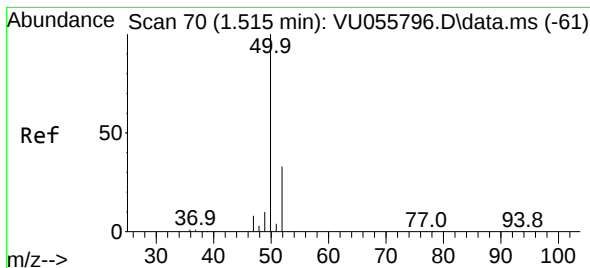
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#2
Dichlorodifluoromethane
Concen: 0.444 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

Tgt Ion: 85 Resp: 6146
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.6





#3

Chloromethane

Concen: 0.457 ug/l

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 50 Resp: 607

Ion Ratio Lower Upper

50 100

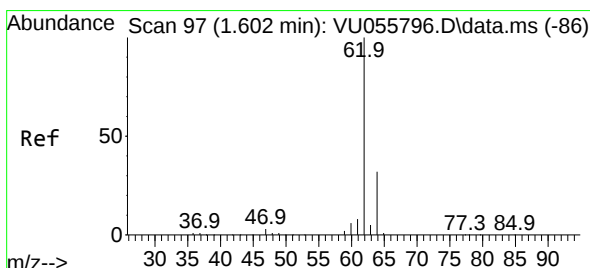
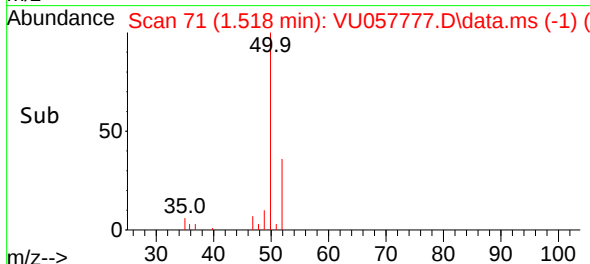
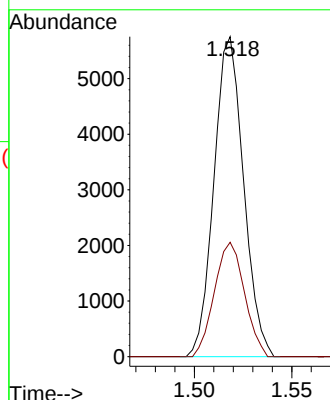
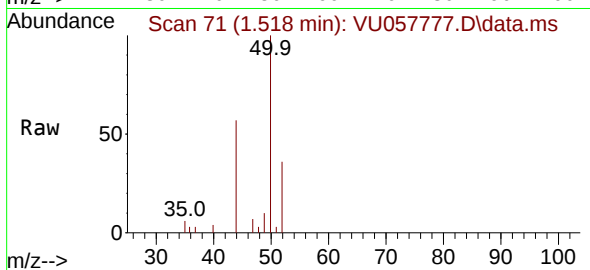
52 35.7 26.6 40.0

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#4

Vinyl Chloride

Concen: 0.450 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU057777.D

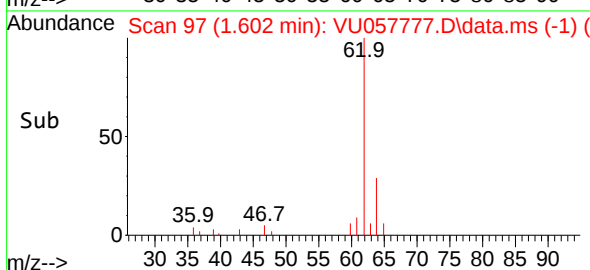
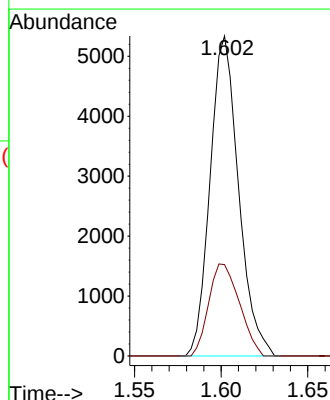
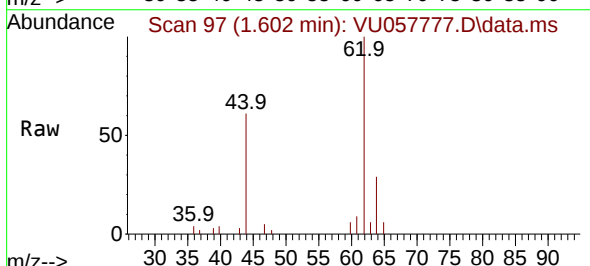
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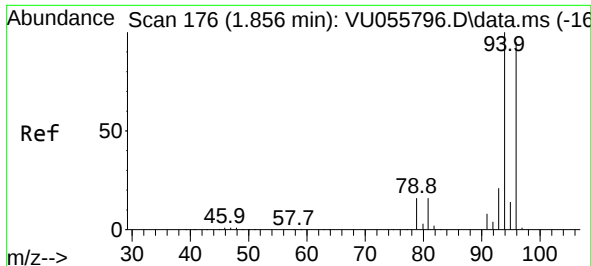
Tgt Ion: 62 Resp: 6091

Ion Ratio Lower Upper

62 100

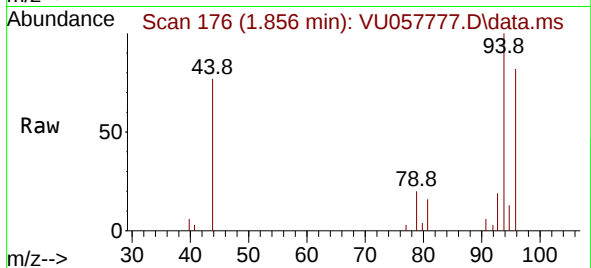
64 28.5 25.4 38.2





#5
Bromomethane
Concen: 0.503 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

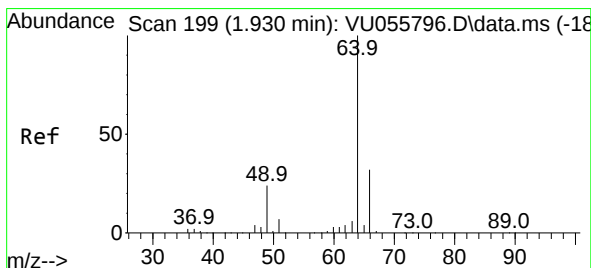
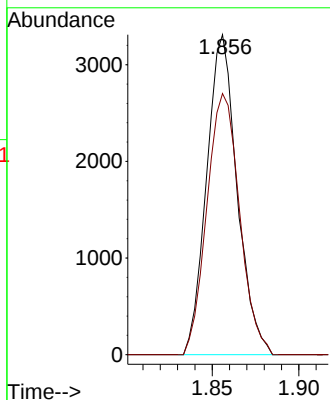
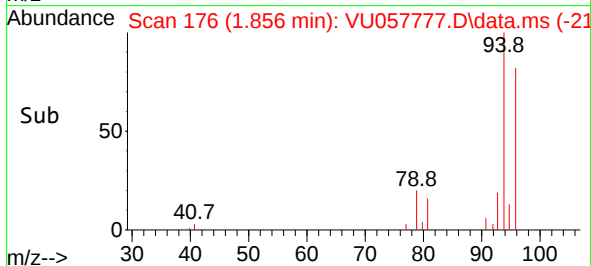
Instrument :
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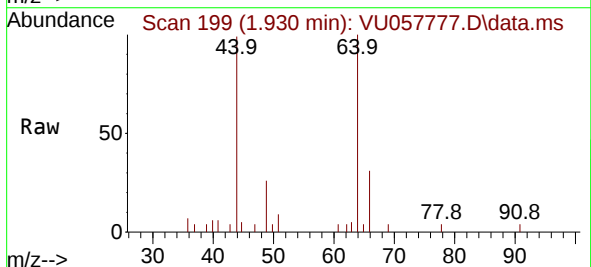
Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 72.1 75.4 113.2

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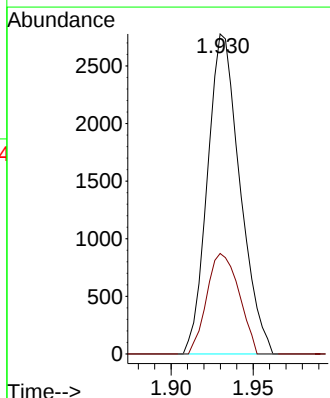
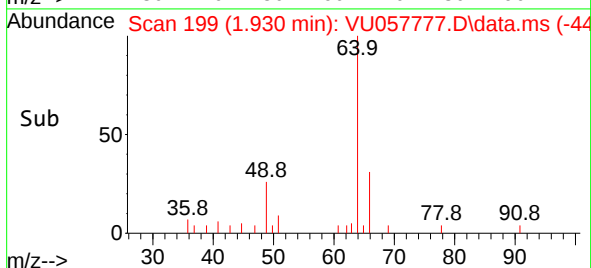
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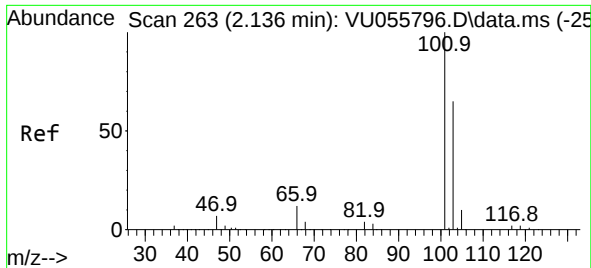


#6
Chloroethane
Concen: 0.447 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43



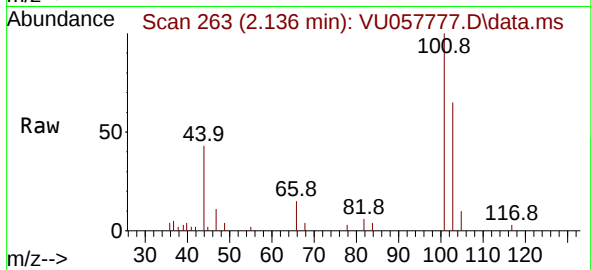
Tgt Ion: 64 Resp: 3826
Ion Ratio Lower Upper
64 100
66 31.4 26.0 39.0





#7
Trichlorofluoromethane
Concen: 0.427 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU057777.D
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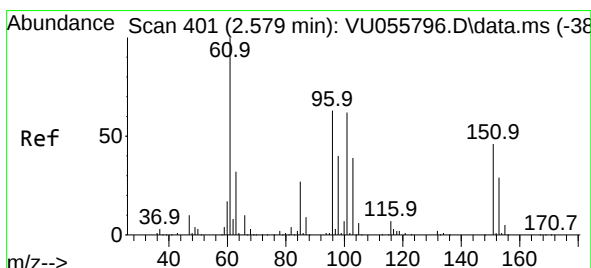
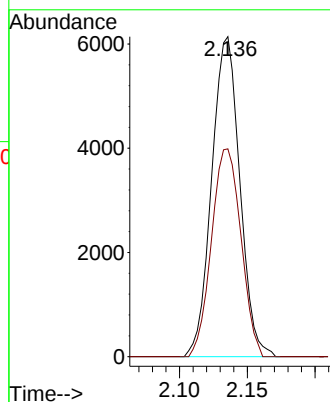
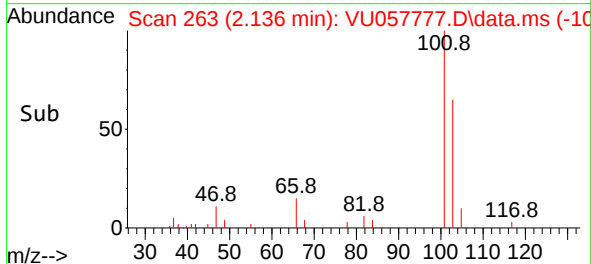
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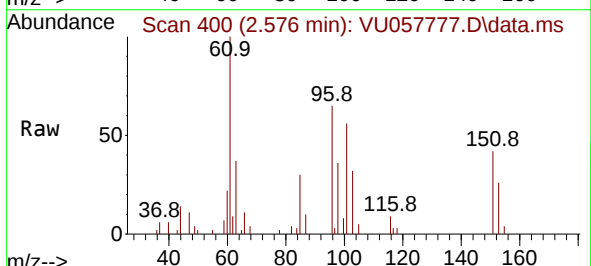
Tgt Ion:101 Resp: 886
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

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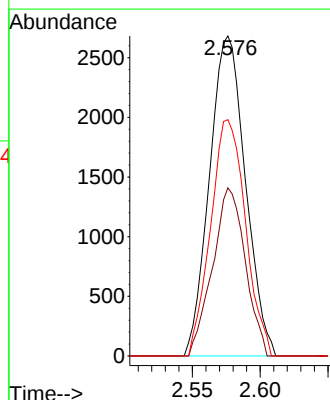
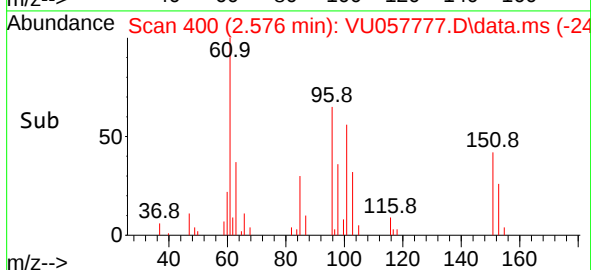
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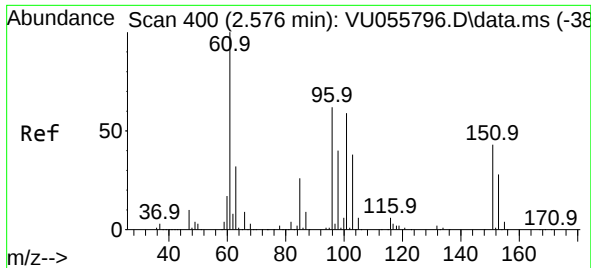


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.463 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057777.D
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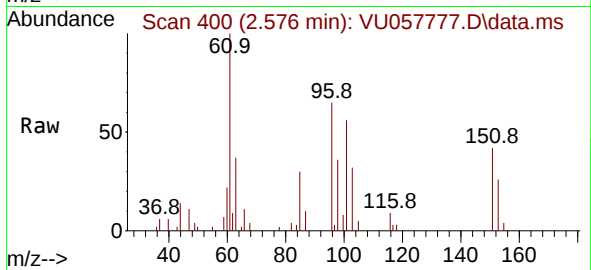
Tgt Ion:101 Resp: 4939
Ion Ratio Lower Upper
101 100
85 47.9 35.4 53.0
151 71.7 54.0 81.0





#9
1,1-Dichloroethene
Concen: 0.474 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
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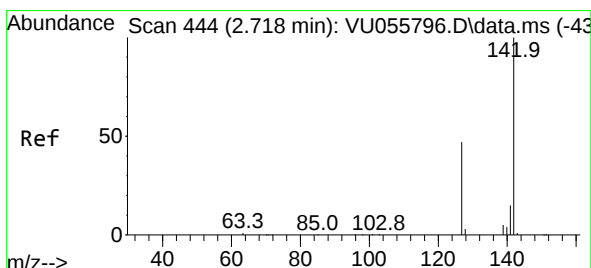
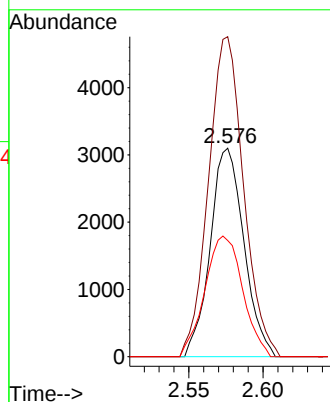
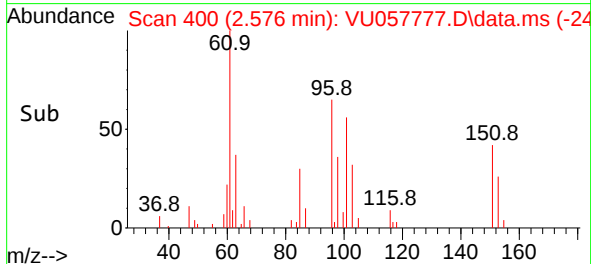
Instrument :
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Tgt Ion: 96 Resp: 489
Ion Ratio Lower Upper
96 100
61 146.1 0.0 521.4
98 53.1 0.0 125.8

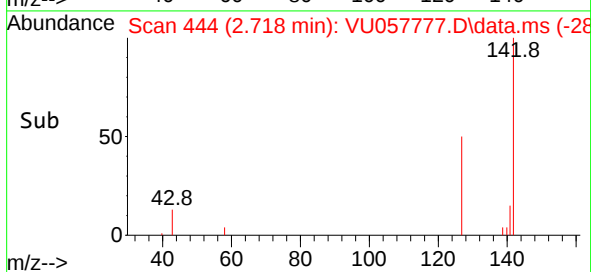
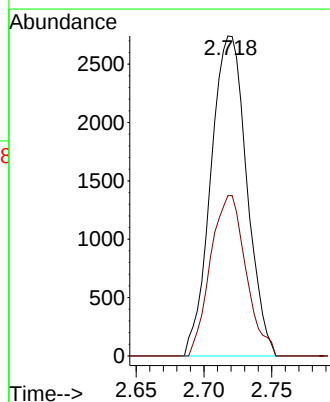
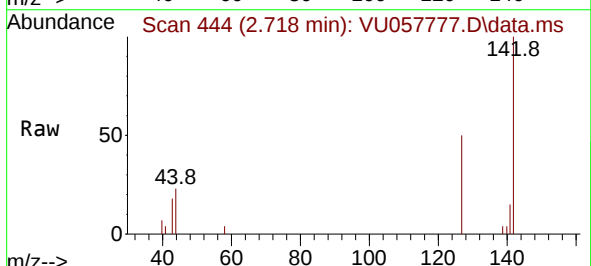
Manual Integrations
APPROVED

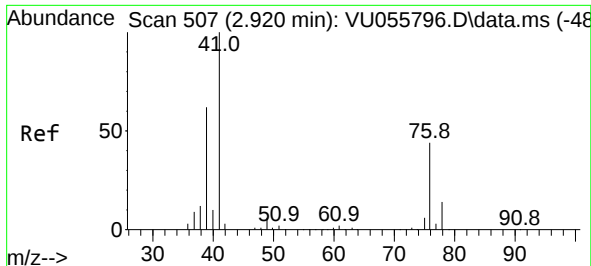
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#10
Iodomethane
Concen: 0.412 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

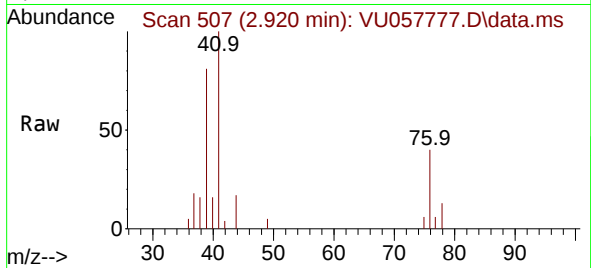
Tgt Ion:142 Resp: 5048
Ion Ratio Lower Upper
142 100
127 49.5 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.436 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU057777.D
 Acq: 01 Feb 2024 14:43

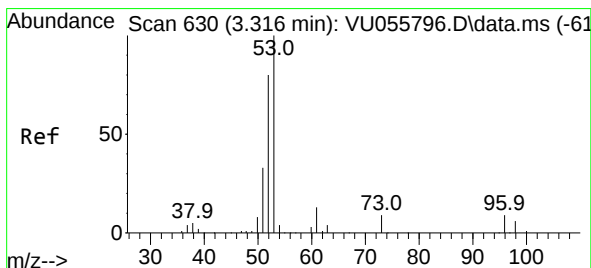
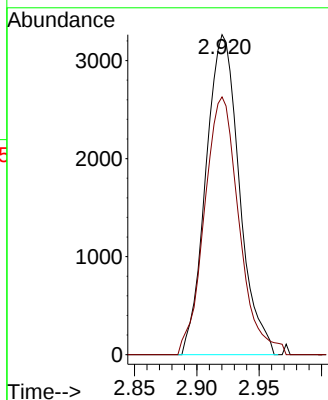
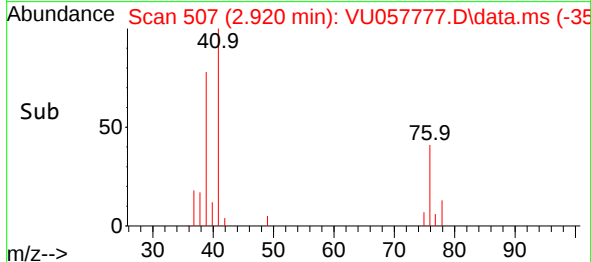
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



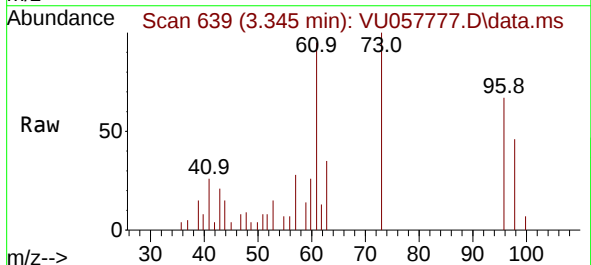
Tgt Ion: 41 Resp: 611
 Ion Ratio Lower Upper
 41 100
 39 83.1 54.2 81.2

Manual Integrations
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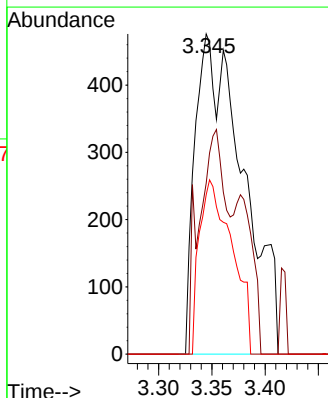
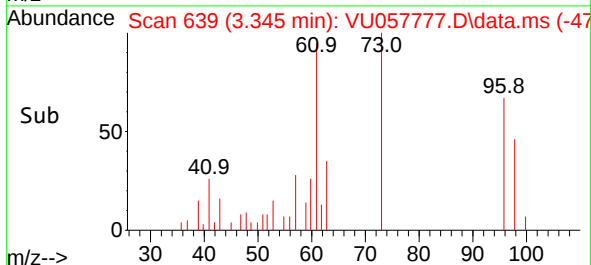
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

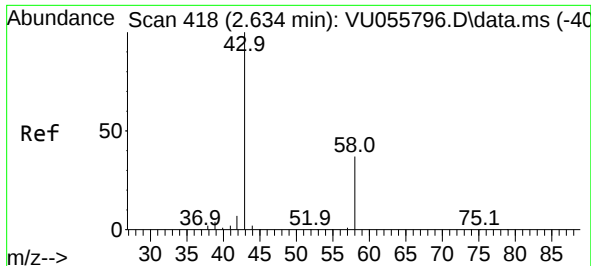


#12
 Acrylonitrile
 Concen: 0.839 ug/l m
 RT: 3.345 min Scan# 639
 Delta R.T. 0.029 min
 Lab File: VU057777.D
 Acq: 01 Feb 2024 14:43



Tgt Ion: 53 Resp: 1480
 Ion Ratio Lower Upper
 53 100
 52 38.9 62.9 94.3#
 51 37.4 27.8 41.6





#13

Acetone

Concen: 2.353 ug/l

RT: 2.660 min Scan# 418

Delta R.T. 0.026 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 751

Ion Ratio Lower Upper

43 100

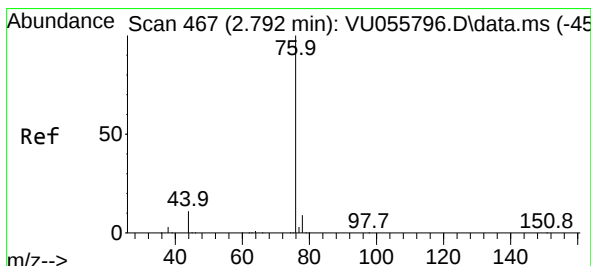
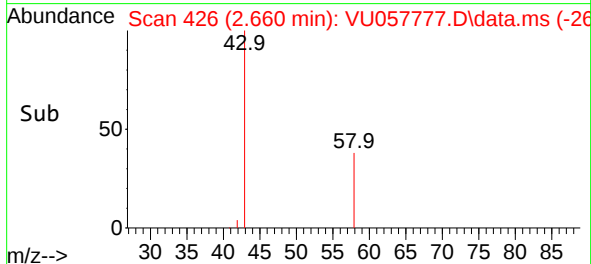
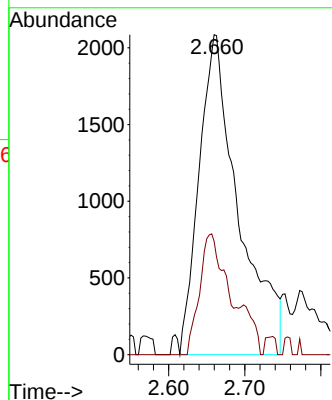
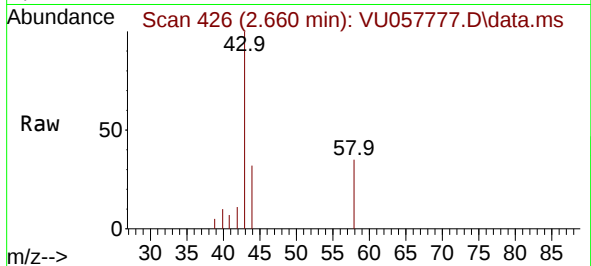
58 35.4 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#14

Carbon Disulfide

Concen: 0.452 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057777.D

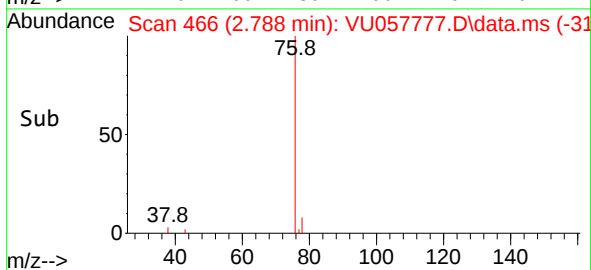
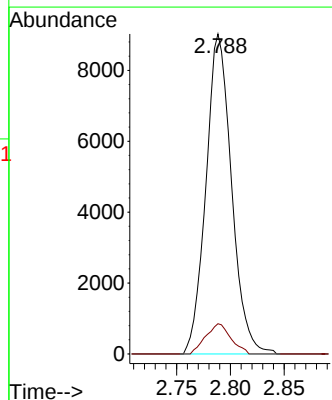
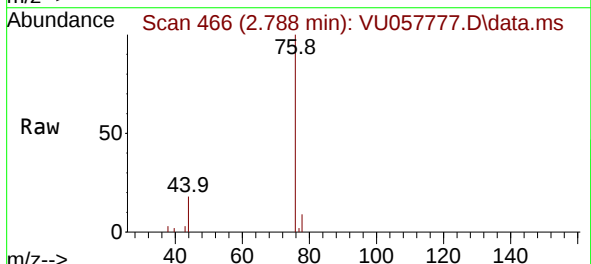
Acq: 01 Feb 2024 14:43

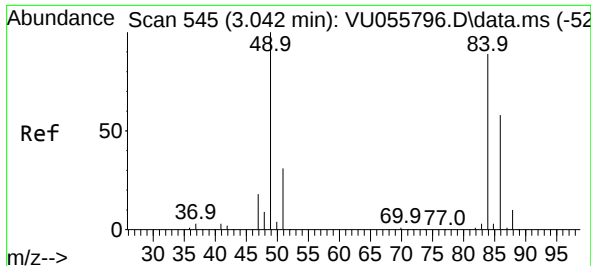
Tgt Ion: 76 Resp: 14945

Ion Ratio Lower Upper

76 100

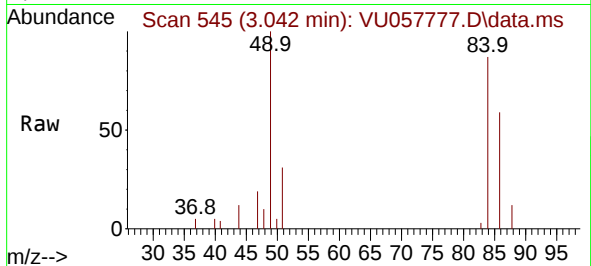
78 9.5 7.4 11.0





#15
Methylene Chloride
Concen: 0.535 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

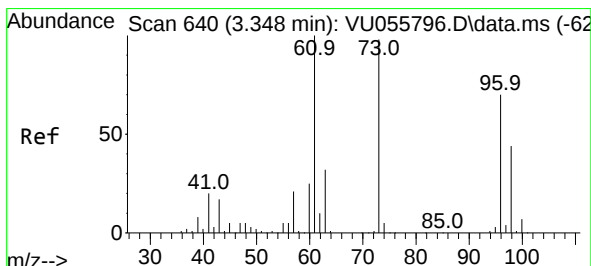
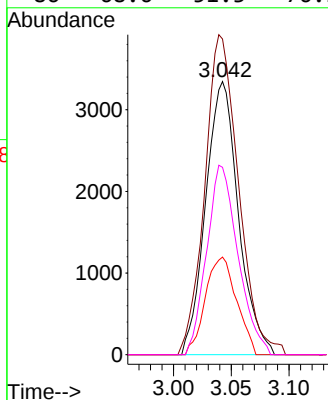
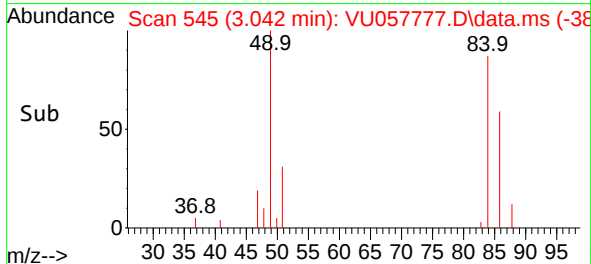
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 84	Resp: 6604
Ion Ratio	Lower Upper
84 100	
49 115.6	98.9 148.3
51 35.7	0.0 75.4
86 68.6	51.3 76.9

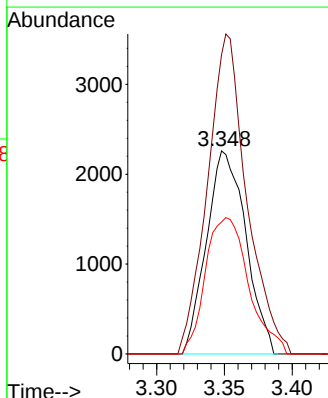
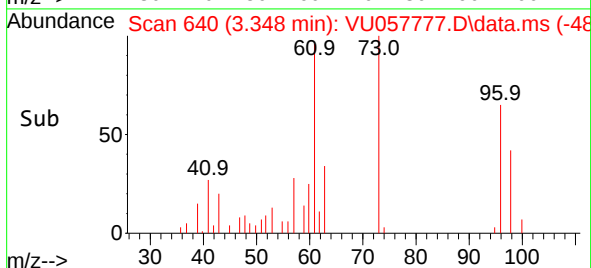
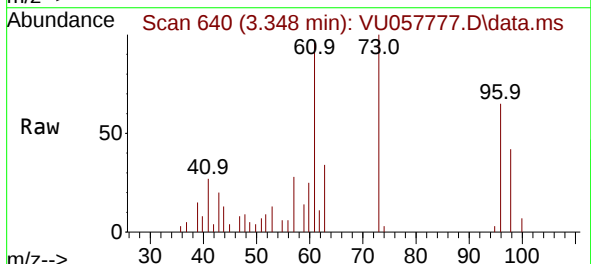
Manual Integrations
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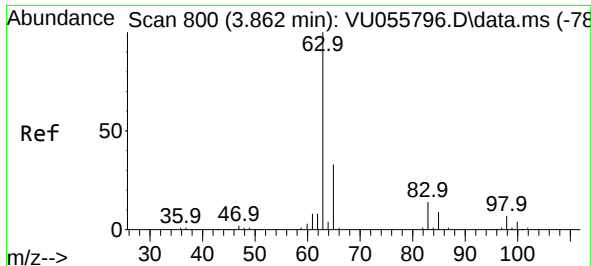
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#16
trans-1,2-Dichloroethene
Concen: 0.404 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

Tgt Ion: 96	Resp: 4560
Ion Ratio	Lower Upper
96 100	
61 147.5	117.5 176.3
98 65.0	48.3 72.5





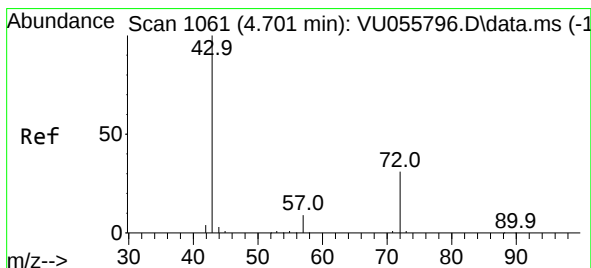
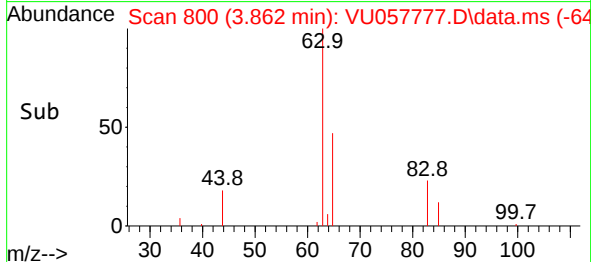
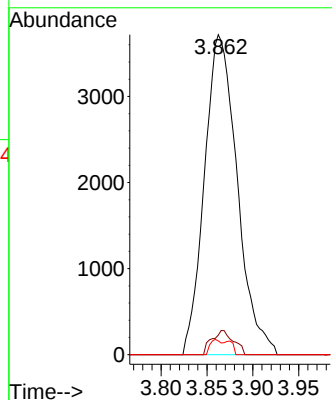
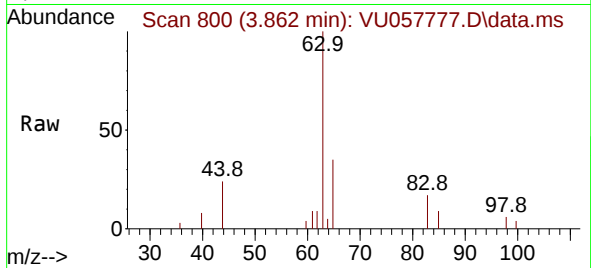
#17
1,1-Dichloroethane
Concen: 0.434 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

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

Tgt Ion: 63 Resp: 924
Ion Ratio Lower Upper
63 100
98 6.1 3.4 10.1
100 4.3 2.2 6.6

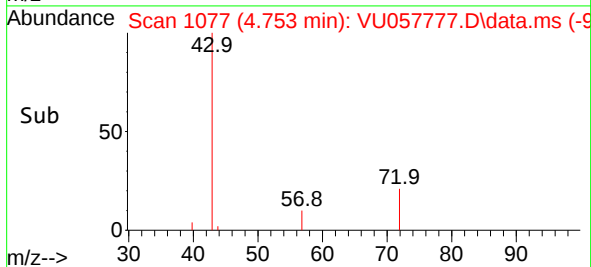
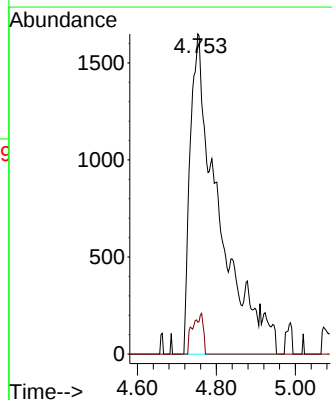
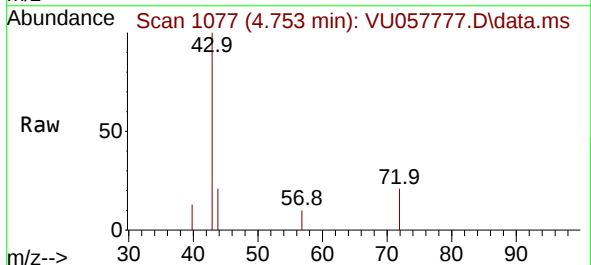
Manual Integrations
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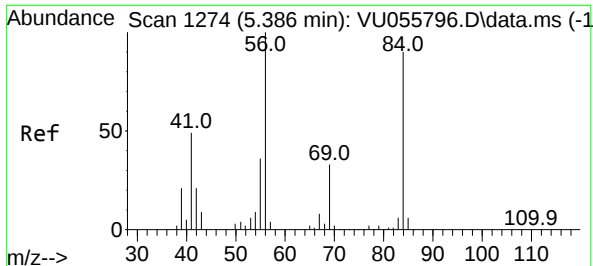
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#18
2-Butanone
Concen: 2.428 ug/l m
RT: 4.753 min Scan# 1077
Delta R.T. 0.052 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

Tgt Ion: 43 Resp: 8354
Ion Ratio Lower Upper
43 100
57 9.9 0.0 19.6





#19

Cyclohexane

Concen: 0.465 ug/l

RT: 5.377 min Scan# 1700

Delta R.T. -0.009 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

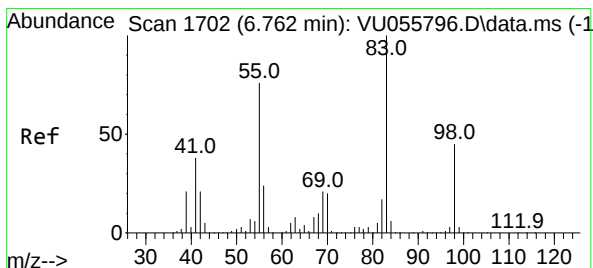
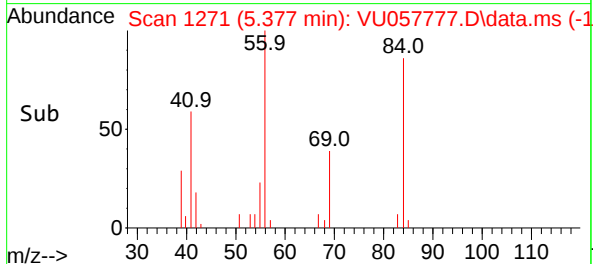
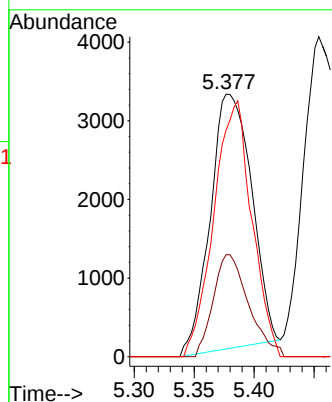
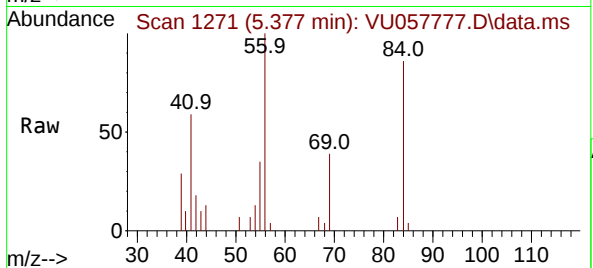
LOQ-WATER-02-QT1-2024

Tgt Ion:	56	Resp:	776
Ion Ratio	Lower	Upper	
56	100		
69	34.2	24.6	37.0
84	92.1	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#20

Methylcyclohexane

Concen: 0.417 ug/l

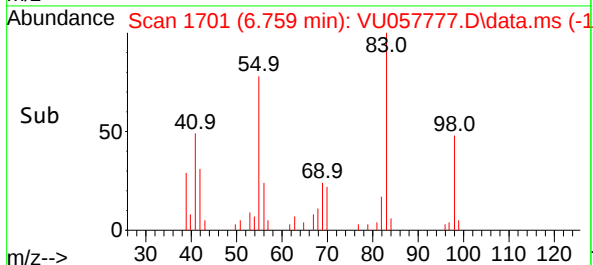
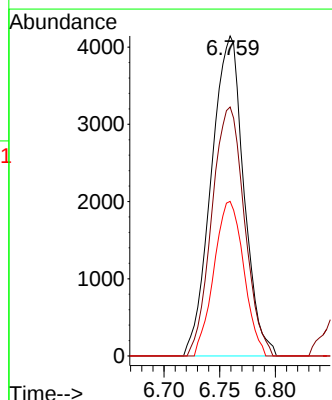
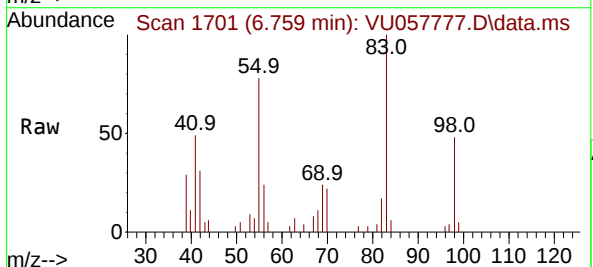
RT: 6.759 min Scan# 1701

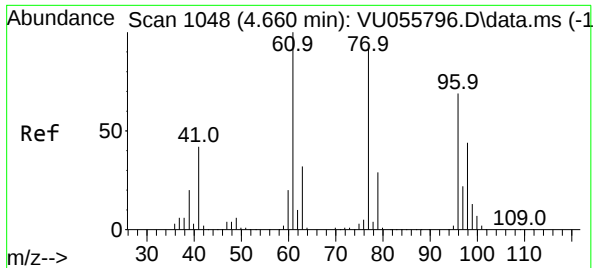
Delta R.T. -0.003 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Tgt Ion:	83	Resp:	8422
Ion Ratio	Lower	Upper	
83	100		
55	77.9	63.5	95.3
98	44.2	36.0	54.0





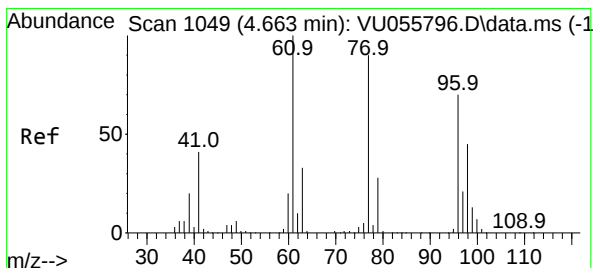
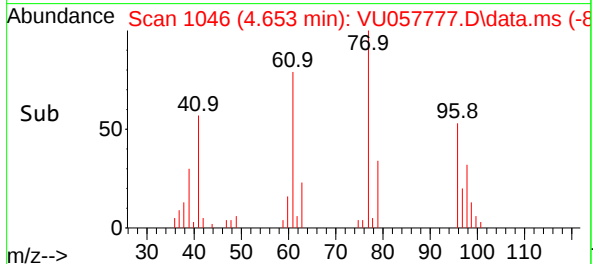
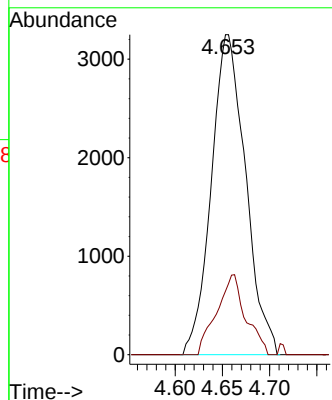
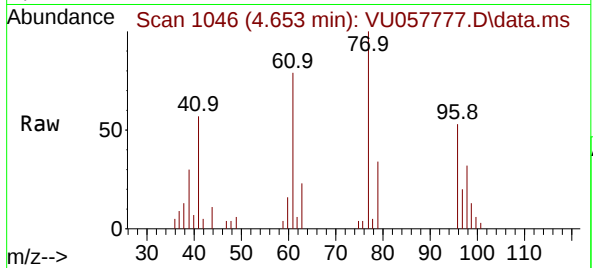
#21
2,2-Dichloropropane
Concen: 0.432 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.007 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

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

Tgt Ion: 77 Resp: 818
Ion Ratio Lower Upper
77 100
97 21.2 18.4 27.6

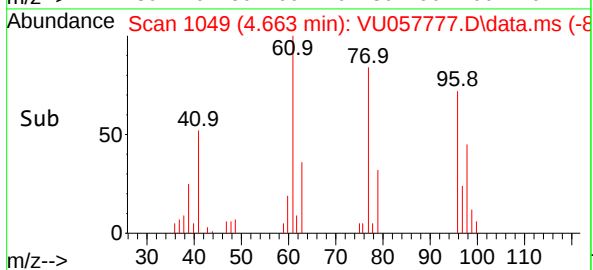
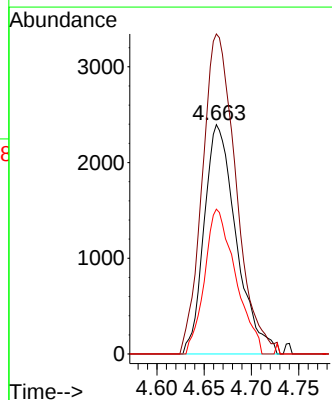
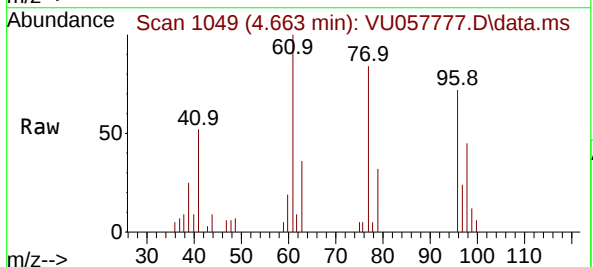
Manual Integrations
APPROVED

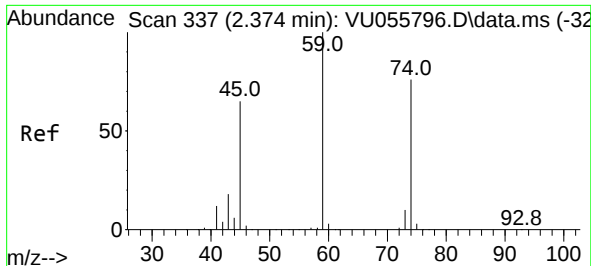
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#22
cis-1,2-Dichloroethene
Concen: 0.457 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

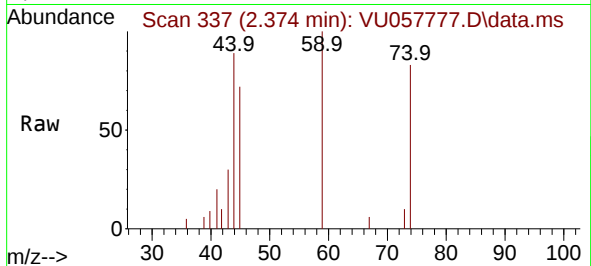
Tgt Ion: 96 Resp: 5650
Ion Ratio Lower Upper
96 100
61 146.5 0.0 365.8
98 61.1 32.0 96.0





#23
Diethyl Ether
Concen: 0.438 ug/l
RT: 2.374 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

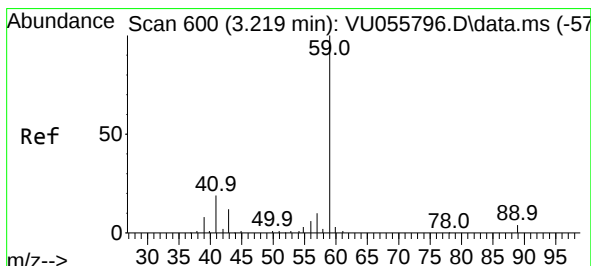
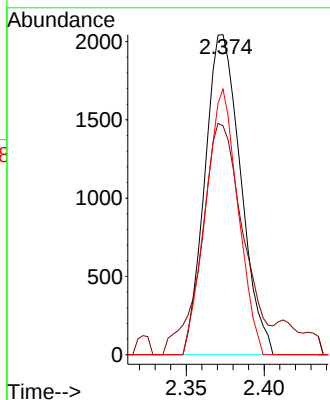
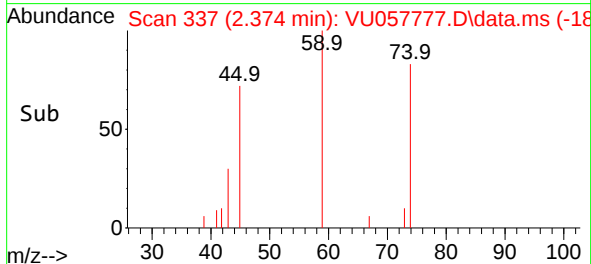
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



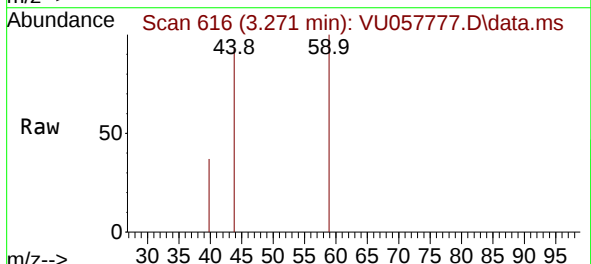
Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
45 84.1 56.1 84.1
74 75.0 57.4 86.2

Manual Integrations
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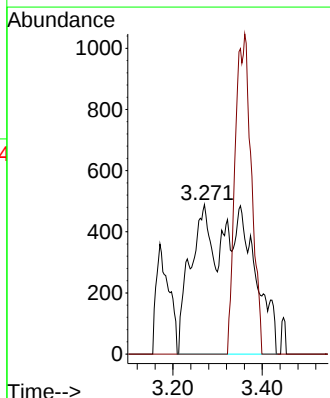
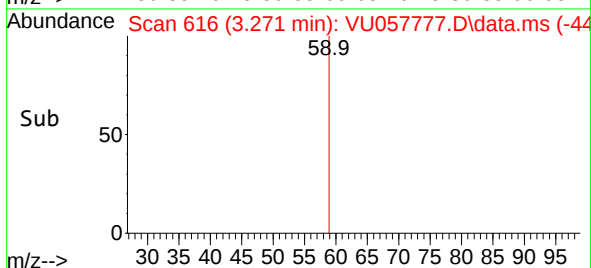
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

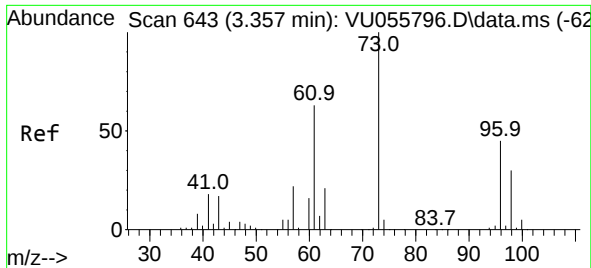


#24
tert-Butyl Alcohol
Concen: 4.853 ug/l m
RT: 3.271 min Scan# 616
Delta R.T. 0.052 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43



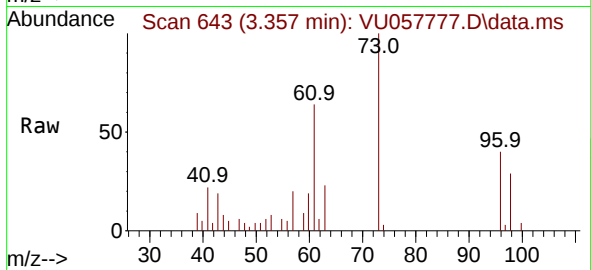
Tgt Ion: 59 Resp: 4115
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.459 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

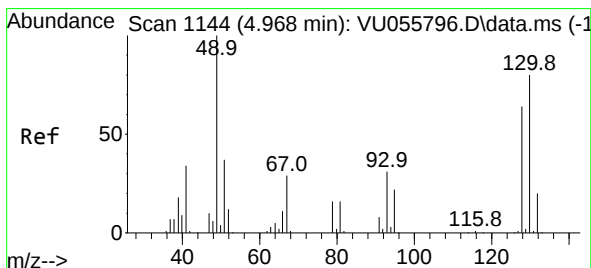
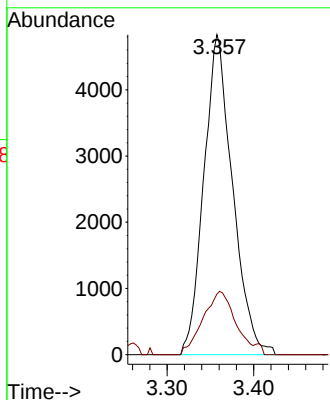
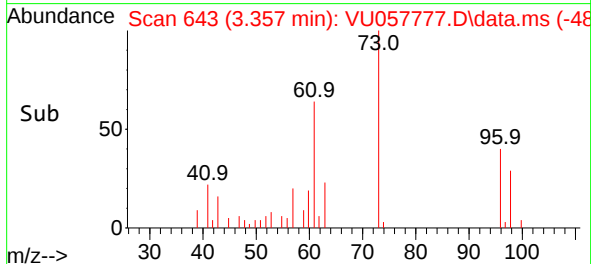
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



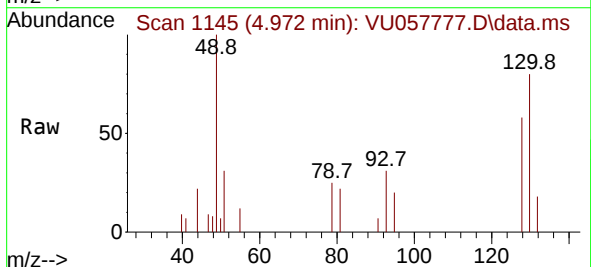
Tgt Ion: 73 Resp: 1113
Ion Ratio Lower Upper
73 100
43 22.1 15.0 22.6

Manual Integrations
APPROVED

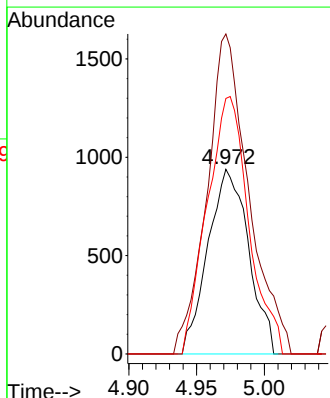
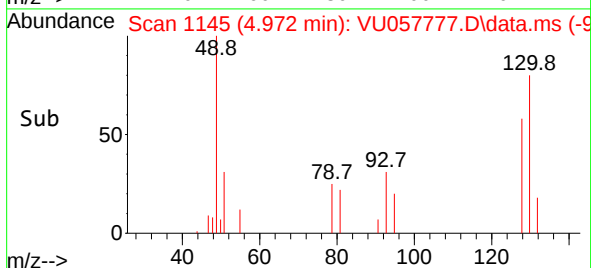
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

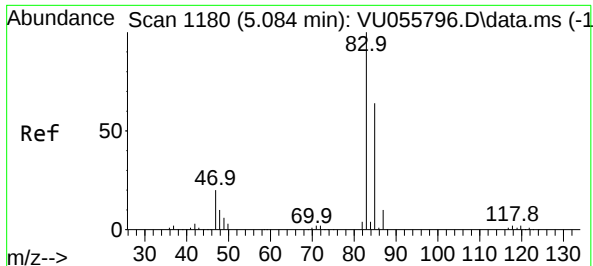


#26
Bromochloromethane
Concen: 0.395 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.004 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43



Tgt Ion:128 Resp: 1960
Ion Ratio Lower Upper
128 100
49 177.6 0.0 324.6
130 142.6 103.0 154.4





#27

Chloroform

Concen: 0.448 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 83 Resp: 9918

Ion Ratio Lower Upper

83 100

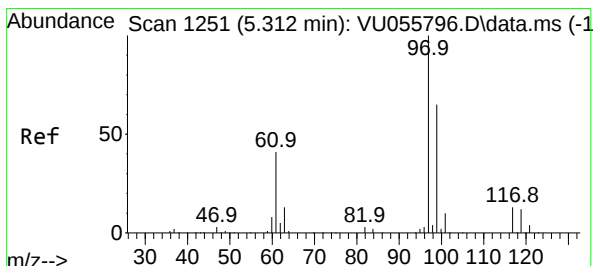
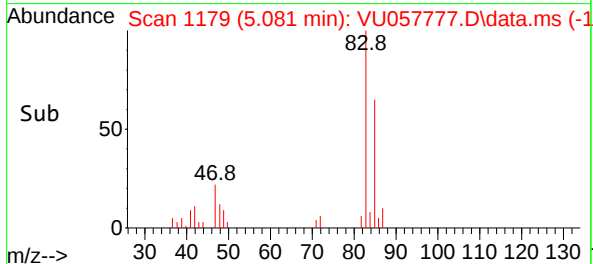
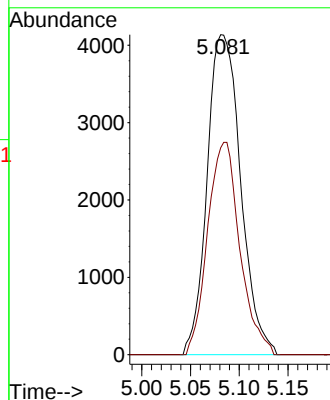
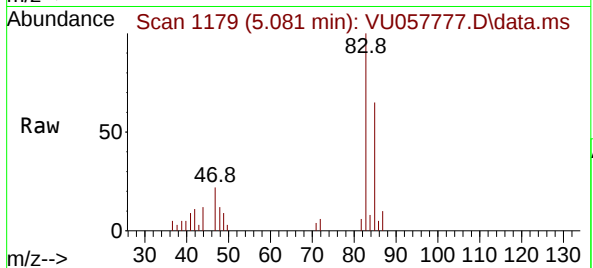
85 64.6 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#28

1,1,1-Trichloroethane

Concen: 0.439 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

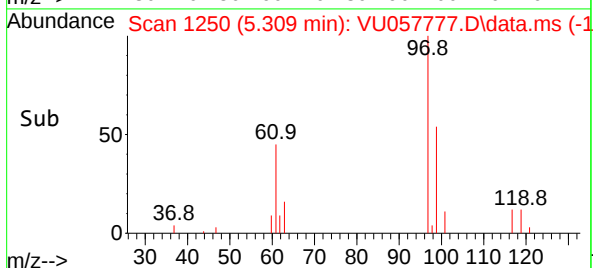
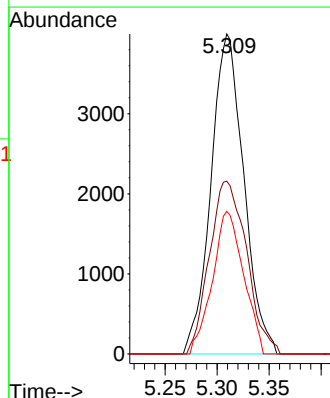
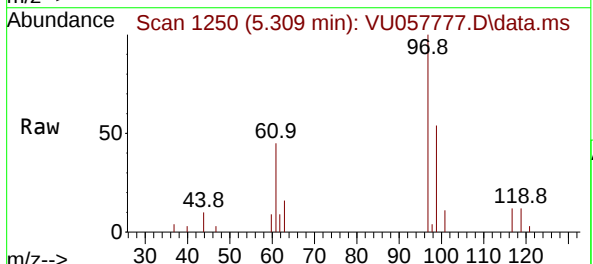
Tgt Ion: 97 Resp: 8780

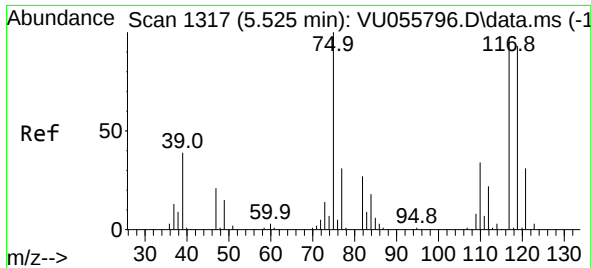
Ion Ratio Lower Upper

97 100

99 61.2 32.0 96.2

61 42.2 22.9 68.5





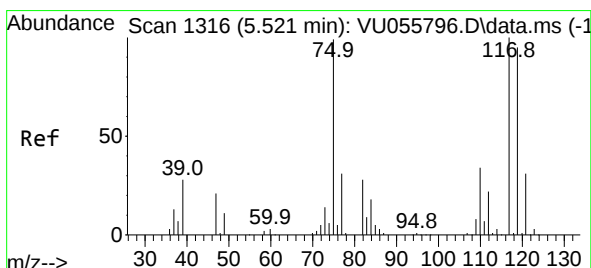
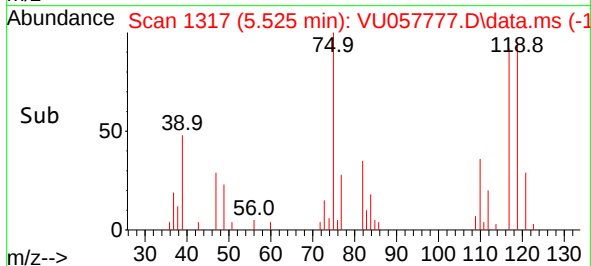
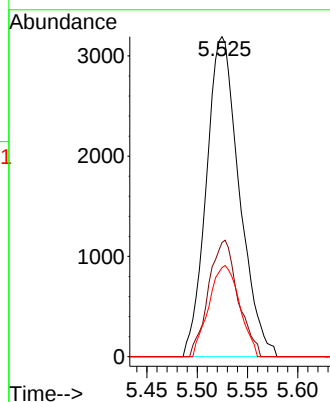
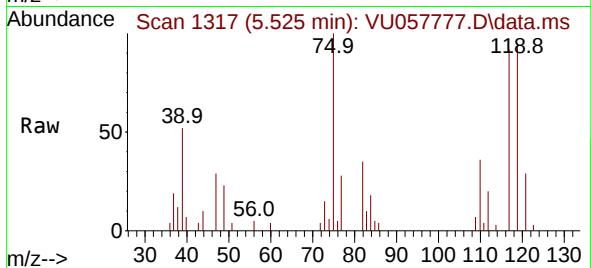
#29
1,1-Dichloropropene
Concen: 0.450 ug/l
RT: 5.525 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

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

Tgt Ion: 75 Resp: 7274
Ion Ratio Lower Upper
75 100
110 32.5 18.0 54.0
77 26.4 24.7 37.1

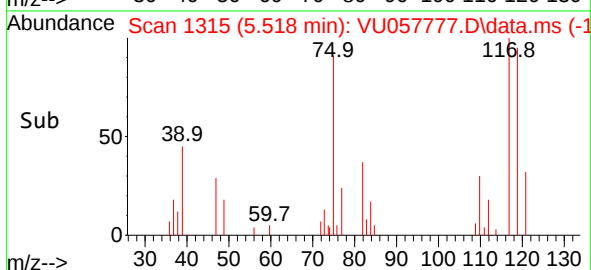
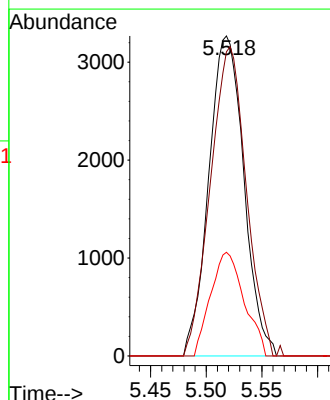
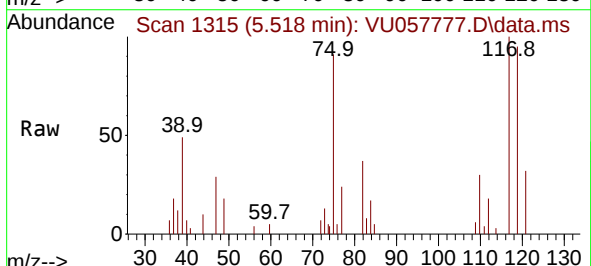
Manual Integrations
APPROVED

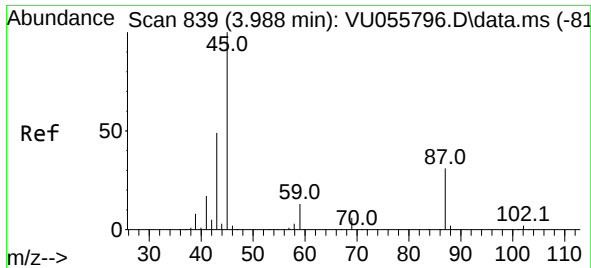
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#30
Carbon Tetrachloride
Concen: 0.415 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

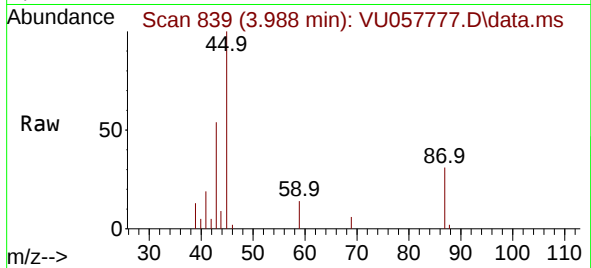
Tgt Ion:117 Resp: 7150
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
121 32.4 24.0 36.0





#31
Isopropyl Ether
Concen: 0.468 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

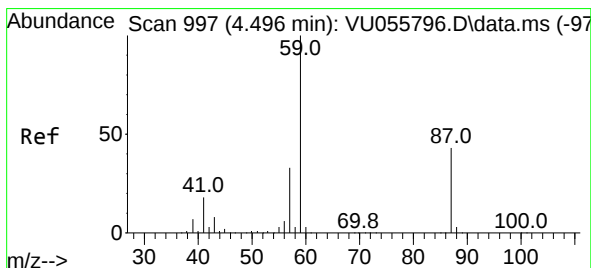
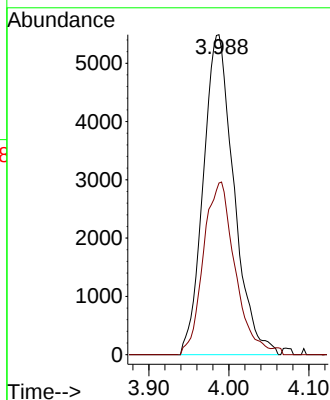
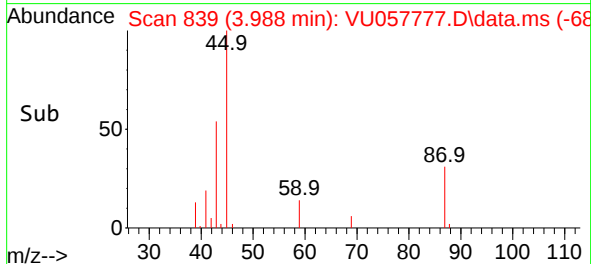
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



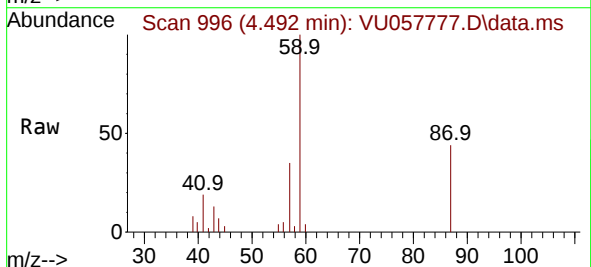
Tgt Ion: 45 Resp: 1460
Ion Ratio Lower Upper
45 100
43 55.3 27.5 82.5

Manual Integrations
APPROVED

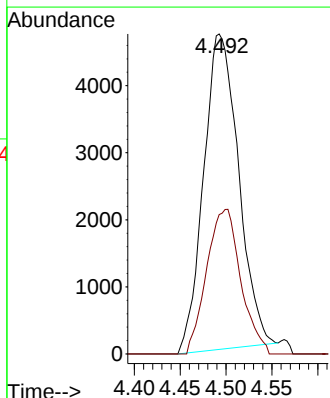
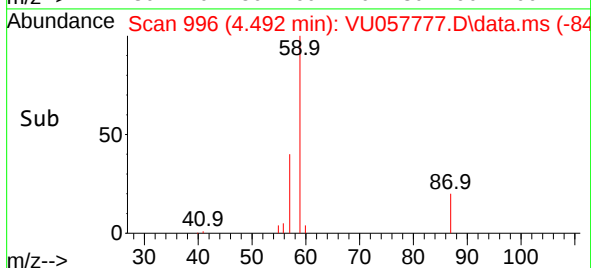
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

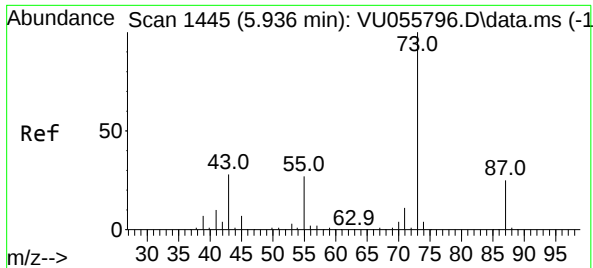


#32
Ethyl-t-butyl ether
Concen: 0.431 ug/l
RT: 4.492 min Scan# 996
Delta R.T. -0.004 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43



Tgt Ion: 59 Resp: 12467
Ion Ratio Lower Upper
59 100
87 44.7 33.5 50.3





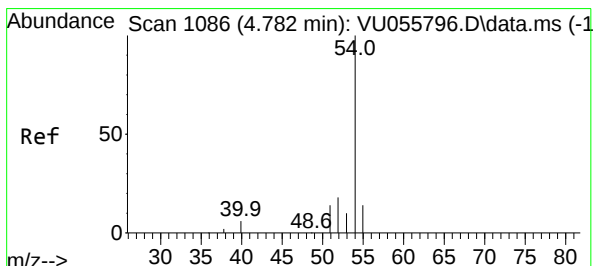
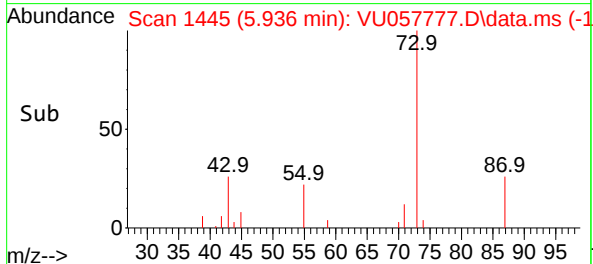
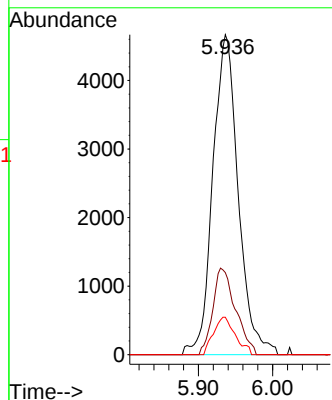
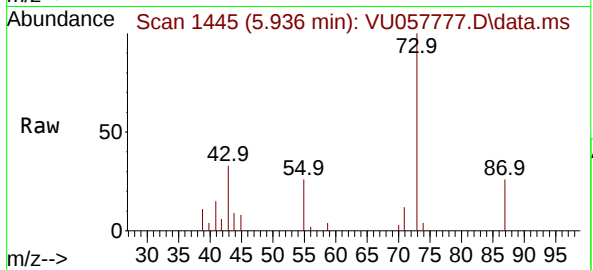
#33
Tert-Amyl methyl ether
Concen: 0.456 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

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

Tgt Ion: 73	Resp: 1110
Ion Ratio	Lower Upper
73 100	
87 24.1	18.6 28.0
71 10.0	9.9 14.9

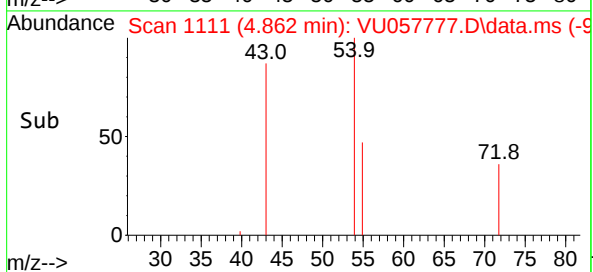
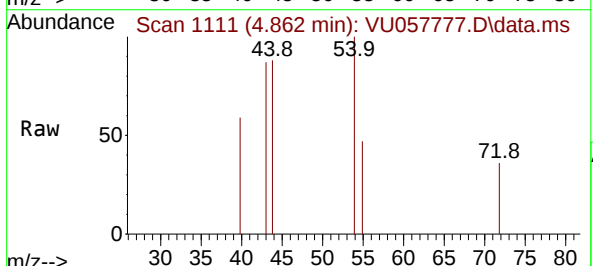
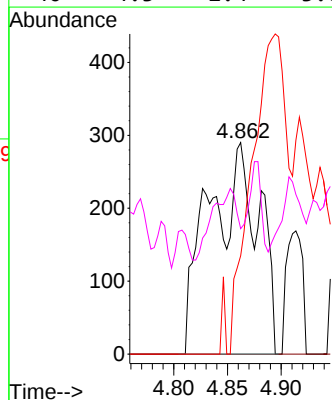
Manual Integrations
APPROVED

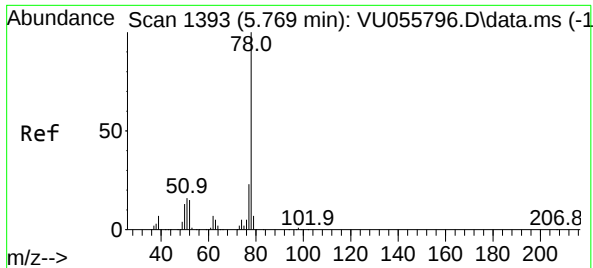
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#34
Propionitrile
Concen: 1.296 ug/l m
RT: 4.862 min Scan# 1111
Delta R.T. 0.080 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

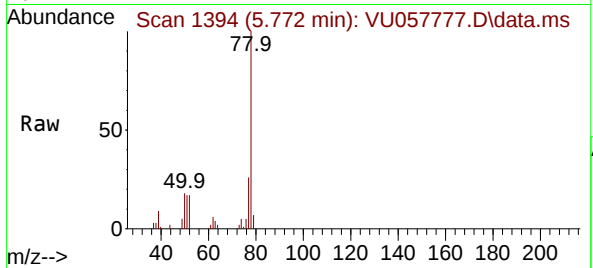
Tgt Ion: 54	Resp: 924
Ion Ratio	Lower Upper
54 100	
52 0.0	17.4 26.0#
55 0.0	104.1 156.1#
40 4.3	2.4 3.6#





#35
Benzene
Concen: 0.439 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

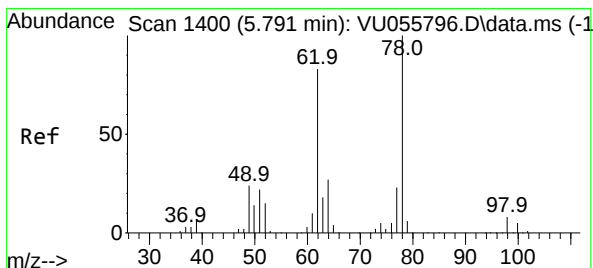
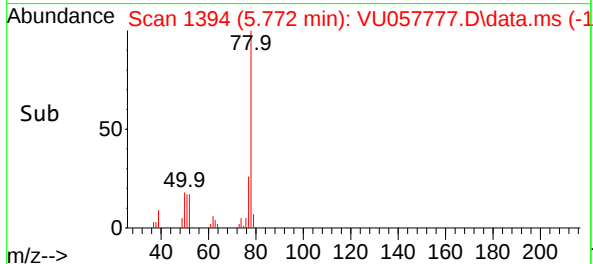
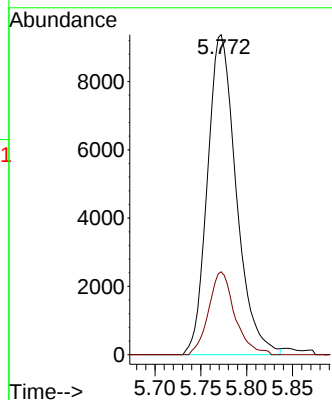
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 78 Resp: 2046
Ion Ratio Lower Upper
78 100
77 25.9 18.9 28.3

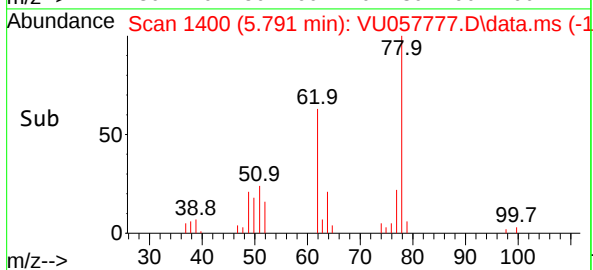
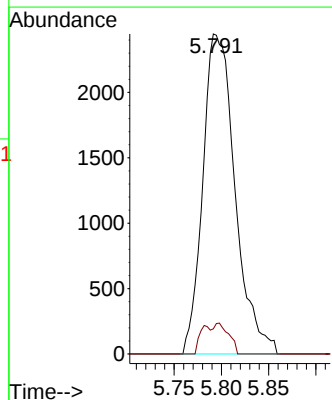
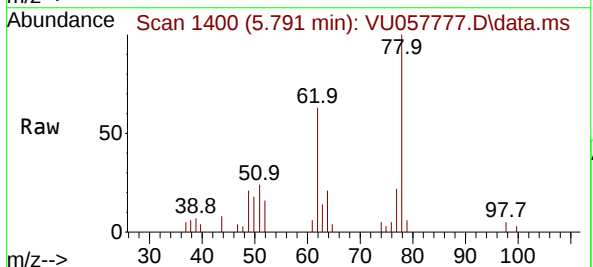
Manual Integrations
APPROVED

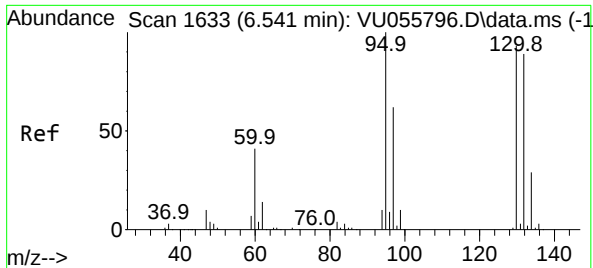
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#36
1,2-Dichloroethane
Concen: 0.428 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

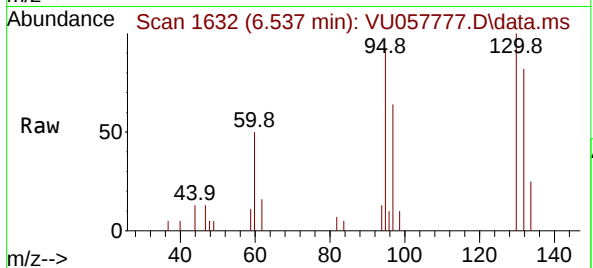
Tgt Ion: 62 Resp: 5806
Ion Ratio Lower Upper
62 100
98 3.0 7.3 10.9#





#37
Trichloroethene
Concen: 0.463 ug/l
RT: 6.537 min Scan# 1710
Delta R.T. -0.004 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

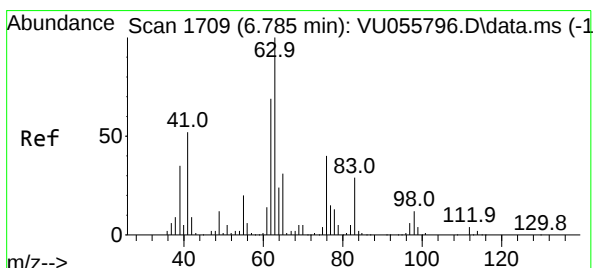
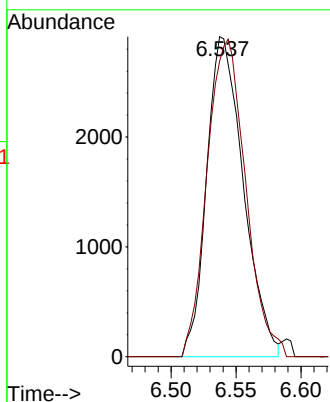
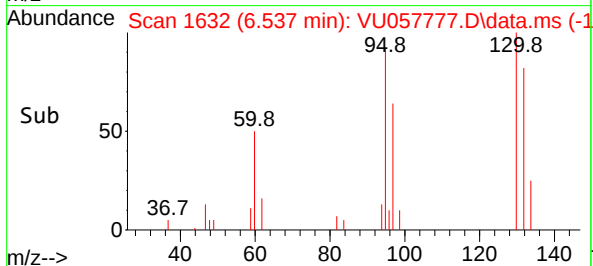
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



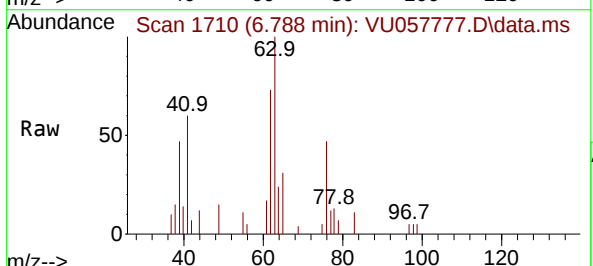
Tgt Ion:130 Resp: 572
Ion Ratio Lower Upper
130 100
95 92.3 85.0 127.6

Manual Integrations
APPROVED

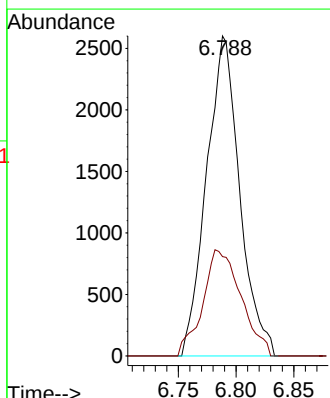
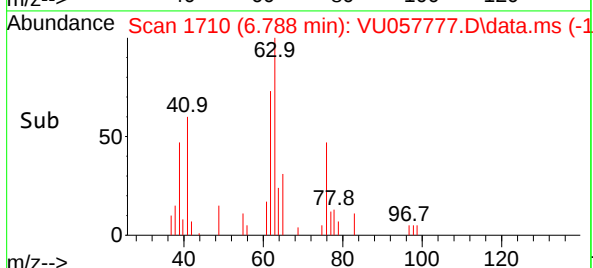
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

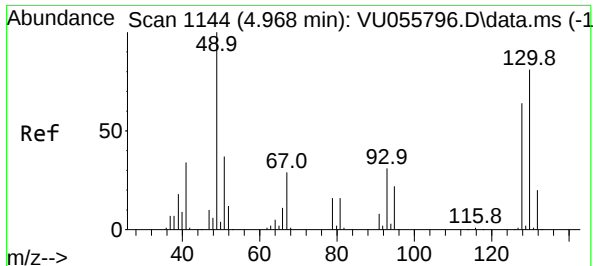


#38
1,2-Dichloropropane
Concen: 0.430 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43



Tgt Ion: 63 Resp: 5199
Ion Ratio Lower Upper
63 100
65 31.1 24.9 37.3





#39

Methacrylonitrile

Concen: 0.422 ug/l m

RT: 5.000 min Scan# 1144

Delta R.T. 0.032 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

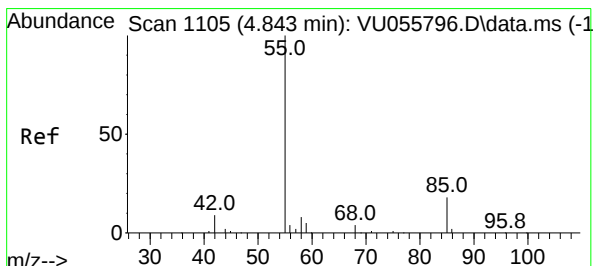
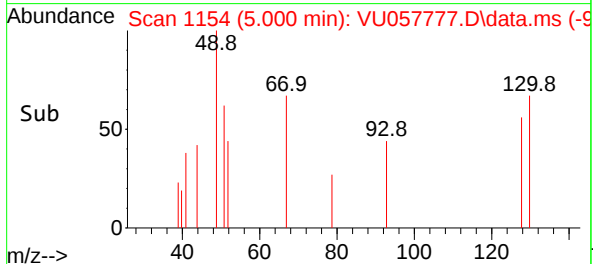
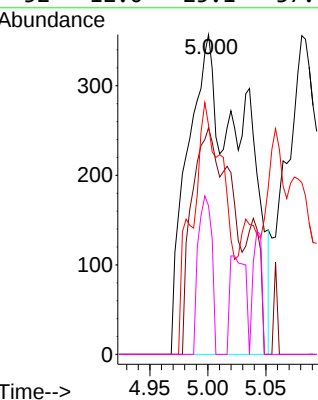
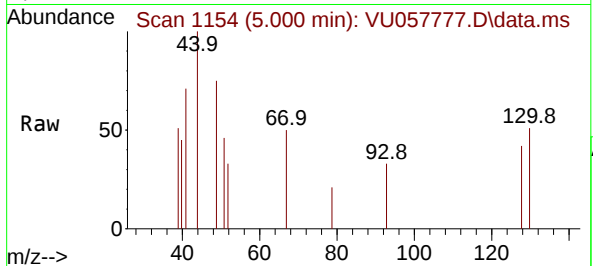
LOQ-WATER-02-QT1-2024

Tgt Ion: 41	Resp: 1200
Ion Ratio	Lower Upper
41 100	
67 33.2	66.8 100.2
39 45.7	41.2 61.8
52 12.0	25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#40

Methyl acrylate

Concen: 0.438 ug/l m

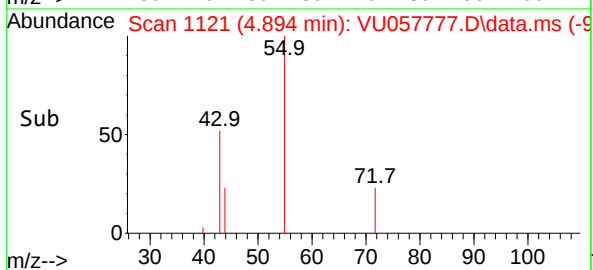
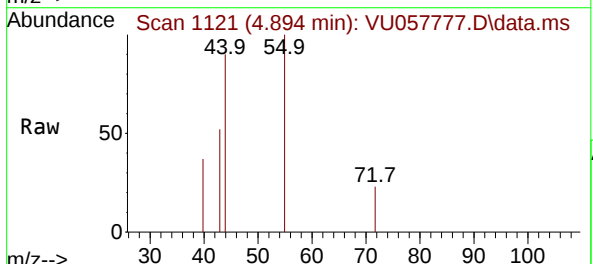
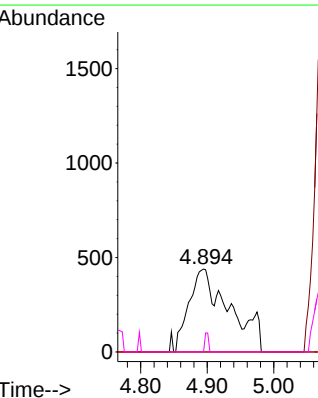
RT: 4.894 min Scan# 1121

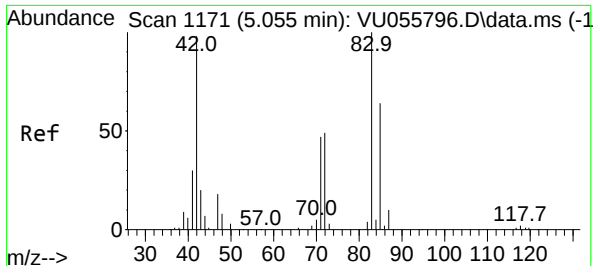
Delta R.T. 0.051 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Tgt Ion: 55	Resp: 1875
Ion Ratio	Lower Upper
55 100	
85 0.0	13.3 19.9#
58 0.0	6.5 9.7#
42 2.1	5.9 8.9#





#41

Tetrahydrofuran

Concen: 0.660 ug/l

RT: 5.078 min Scan# 1171

Delta R.T. 0.023 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

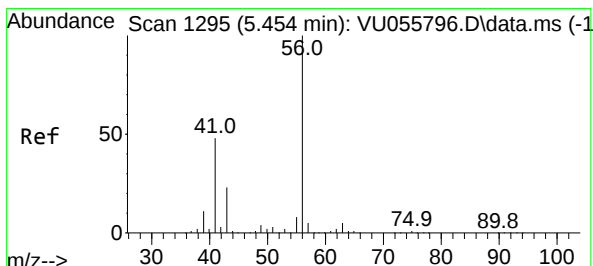
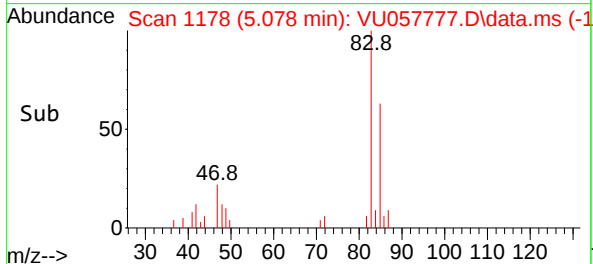
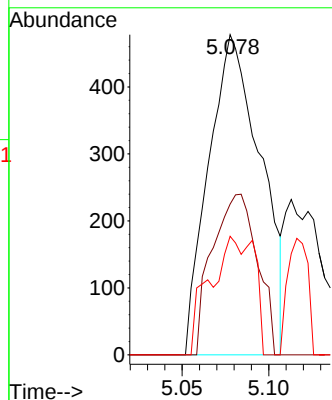
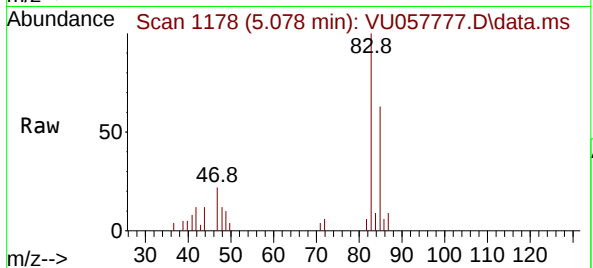
LOQ-WATER-02-QT1-2024

Tgt Ion: 42	Resp: 100
Ion Ratio	Lower Upper
42	100
72	43.3 40.9 61.3
71	22.6 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#42

1-Chlorobutane

Concen: 0.411 ug/l

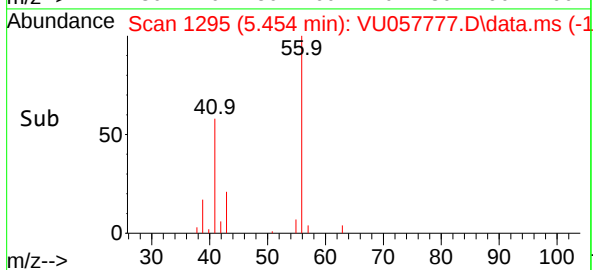
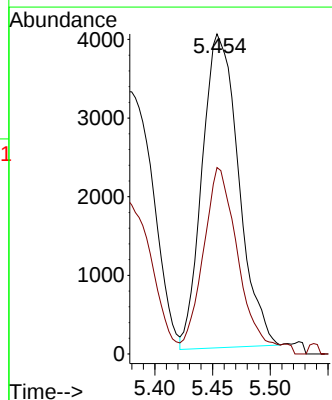
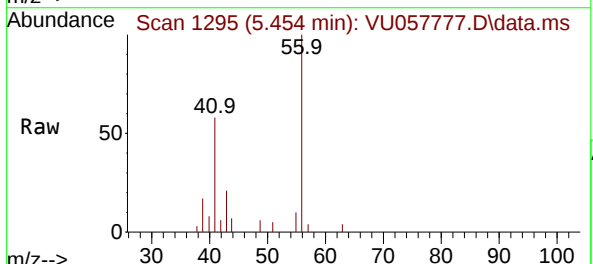
RT: 5.454 min Scan# 1295

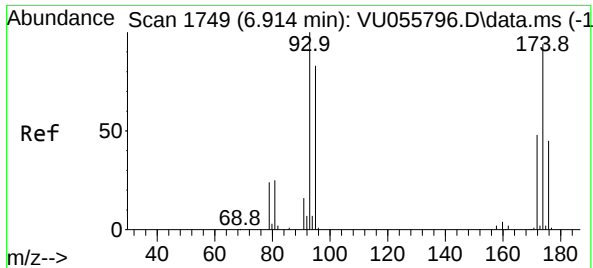
Delta R.T. -0.000 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

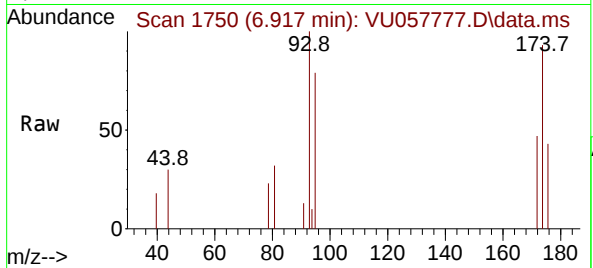
Tgt Ion: 56	Resp: 8767
Ion Ratio	Lower Upper
56	100
41	51.9 25.2 75.6





#43
Dibromomethane
Concen: 0.447 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

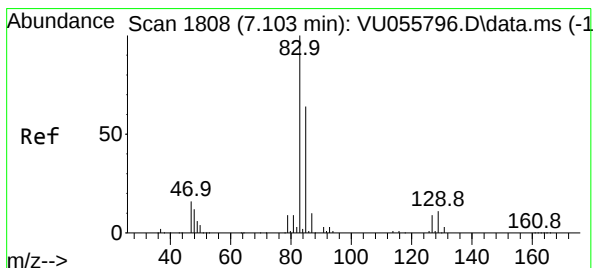
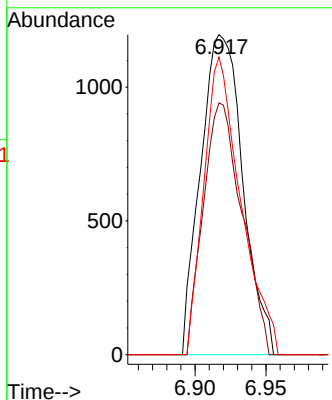
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:	93	Resp:	248
Ion	Ratio	Lower	Upper
93	100		
95	72.2	67.0	100.6
174	81.5	73.8	110.6

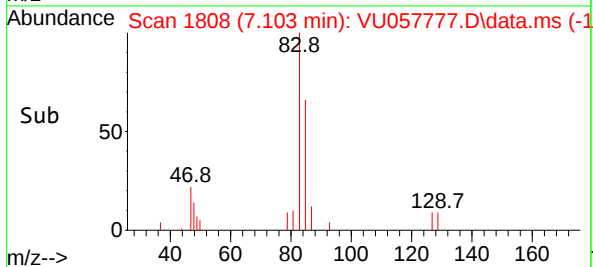
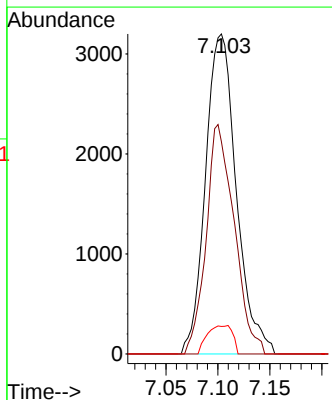
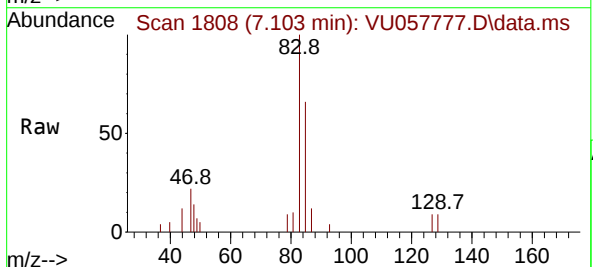
Manual Integrations
APPROVED

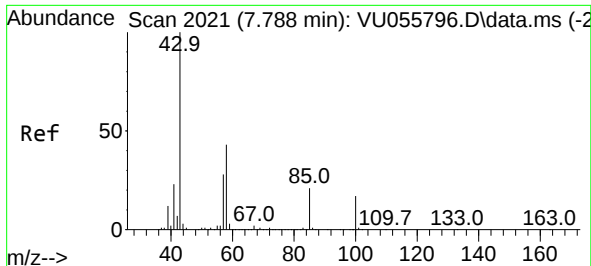
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#44
Bromodichloromethane
Concen: 0.425 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

Tgt Ion:	83	Resp:	6609
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.9	77.9
127	8.6	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 2.113 ug/l

RT: 7.795 min Scan# 2021

Delta R.T. 0.007 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

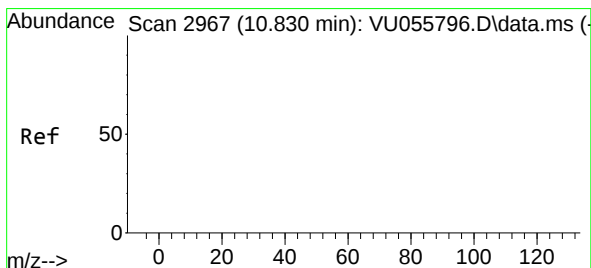
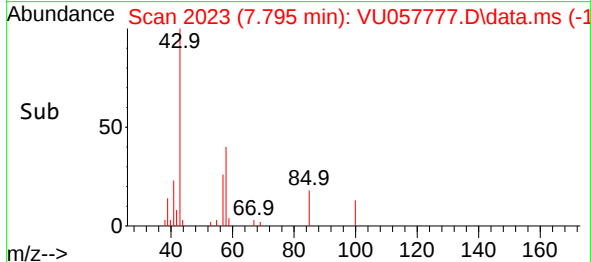
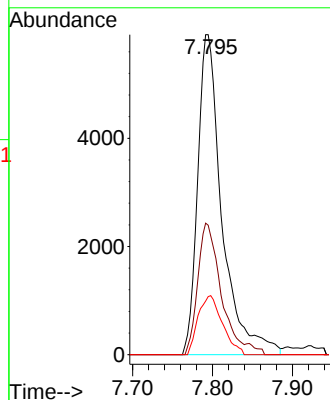
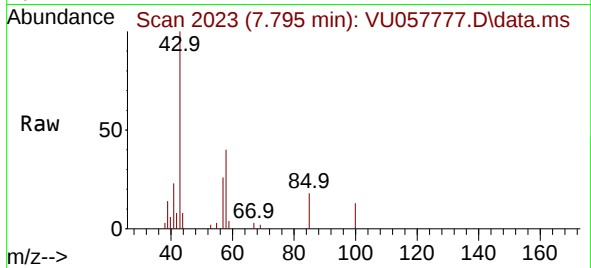
LOQ-WATER-02-QT1-2024

Tgt Ion: 43	Resp: 12510
Ion Ratio	Lower Upper
43 100	
58 40.1	20.9 62.8
85 18.4	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#46

t-1,4-Dichloro-2-butene

Concen: 0.773 ug/l m

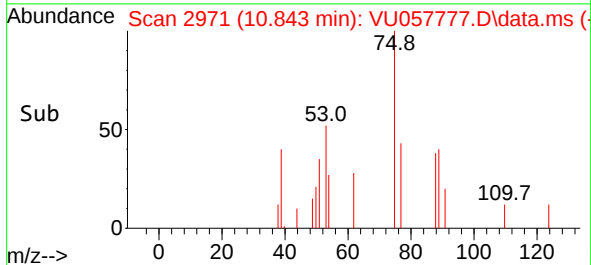
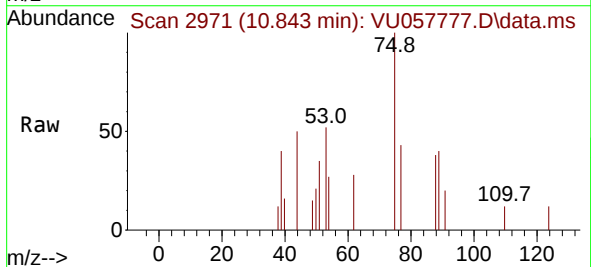
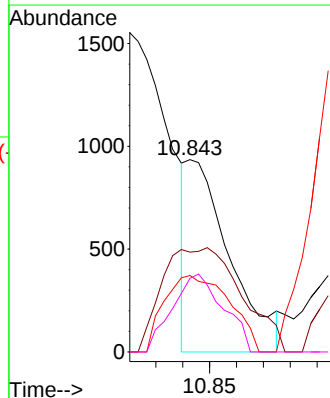
RT: 10.843 min Scan# 2971

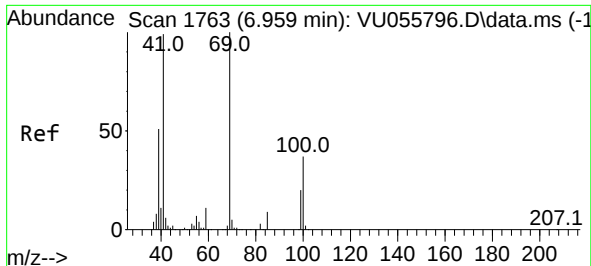
Delta R.T. 0.013 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Tgt Ion: 75	Resp: 1040
Ion Ratio	Lower Upper
75 100	
53 100.0	73.3 109.9
89 60.3	48.2 72.4
88 47.9	36.4 54.6





#47

Methyl methacrylate

Concen: 0.665 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU057777.D

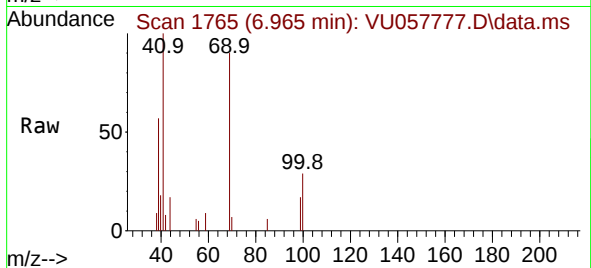
Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 69 Resp: 326

Ion Ratio Lower Upper

69 100

41 137.2 0.0 209.2

39 82.2 46.7 70.1

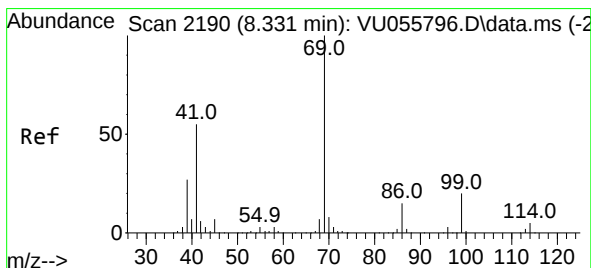
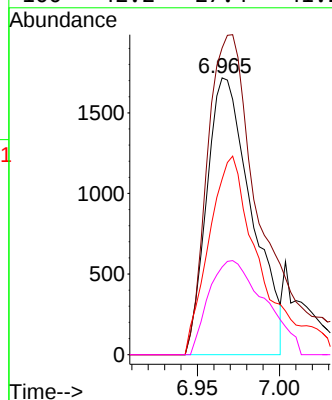
100 42.2 27.4 41.2#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#48

Ethyl methacrylate

Concen: 0.375 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.007 min

Lab File: VU057777.D

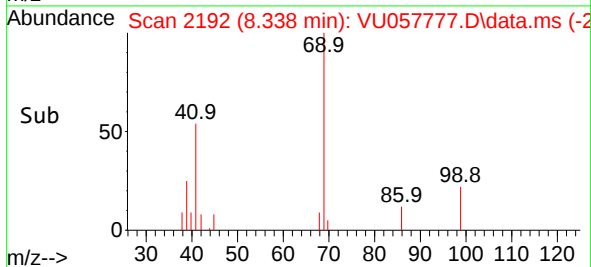
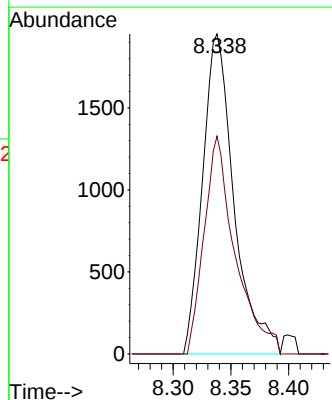
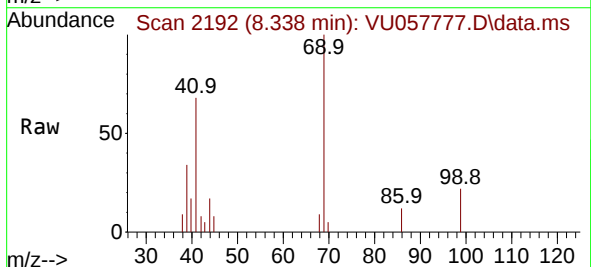
Acq: 01 Feb 2024 14:43

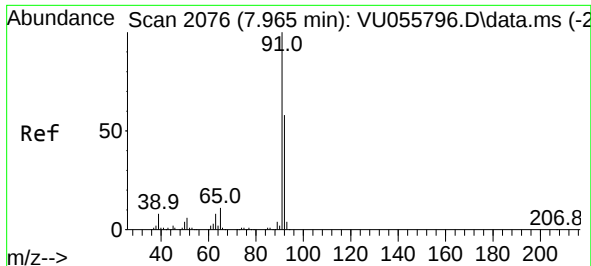
Tgt Ion: 69 Resp: 3691

Ion Ratio Lower Upper

69 100

41 67.1 30.3 90.8





#49

Toluene

Concen: 0.415 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 92 Resp: 1180

Ion Ratio Lower Upper

92 100

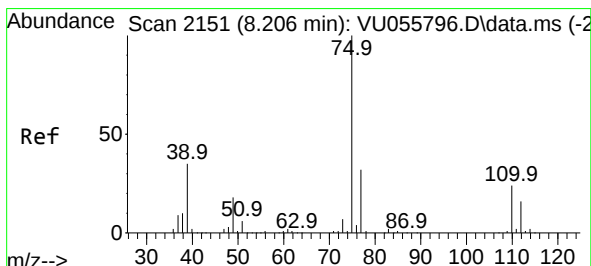
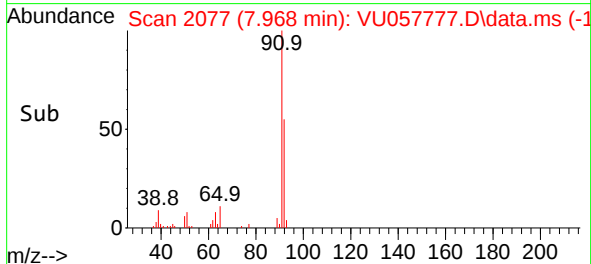
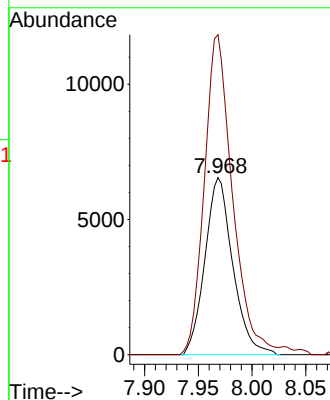
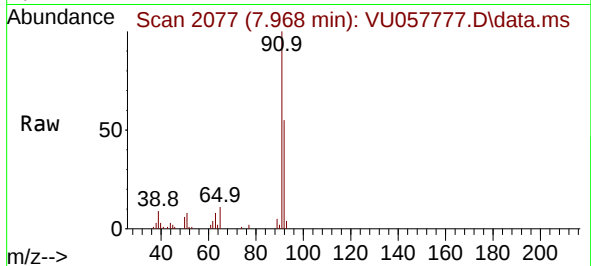
91 182.4 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#50

t-1,3-Dichloropropene

Concen: 0.382 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.007 min

Lab File: VU057777.D

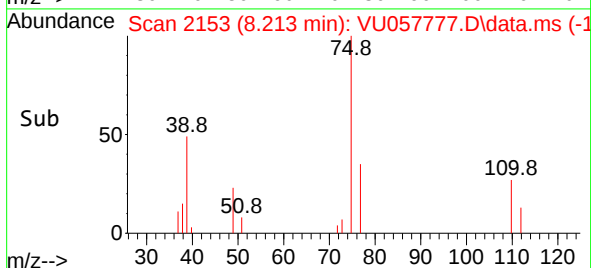
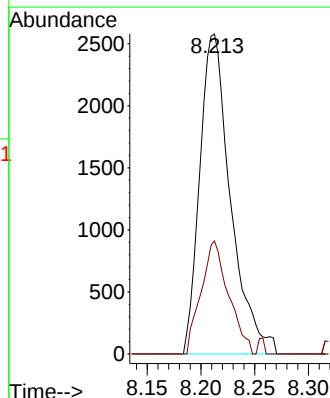
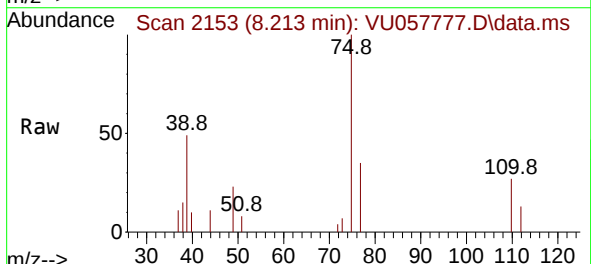
Acq: 01 Feb 2024 14:43

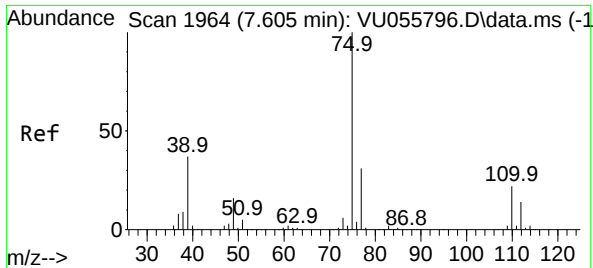
Tgt Ion: 75 Resp: 5128

Ion Ratio Lower Upper

75 100

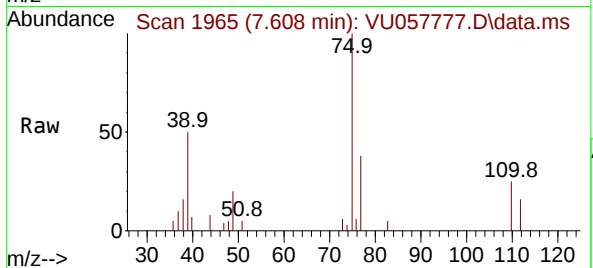
77 35.3 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.426 ug/l
 RT: 7.608 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU057777.D
 Acq: 01 Feb 2024 14:43

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

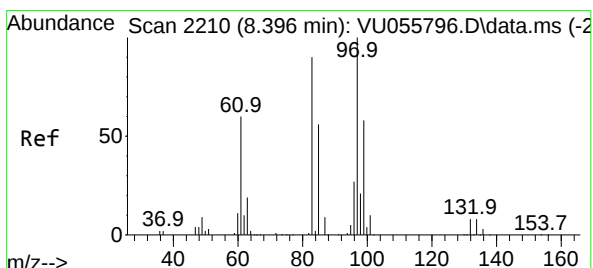
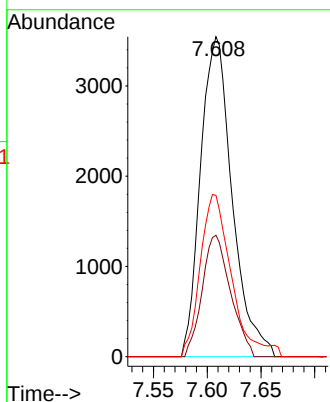
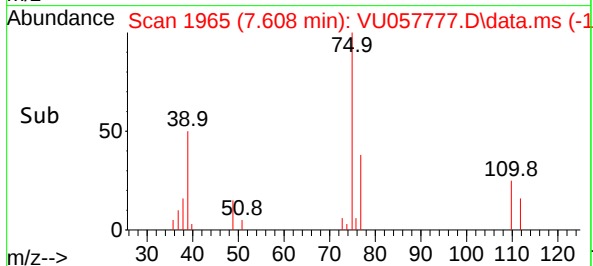


Tgt Ion: 75 Resp: 724

Ion	Ratio	Lower	Upper
75	100		
77	38.0	25.7	38.5
39	50.4	32.8	49.2

Manual Integrations
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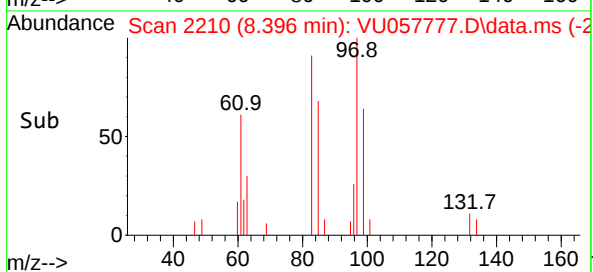
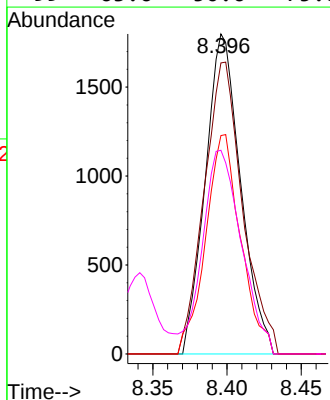
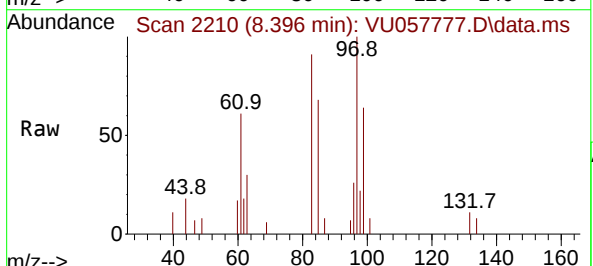
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

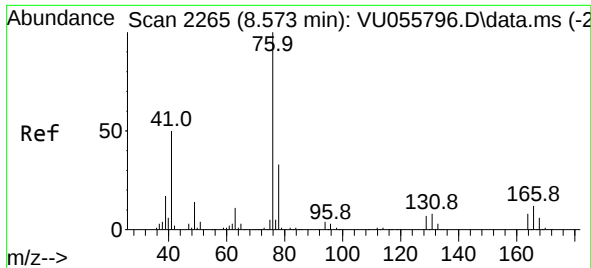


#52
 1,1,2-Trichloroethane
 Concen: 0.389 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU057777.D
 Acq: 01 Feb 2024 14:43

Tgt Ion: 97 Resp: 2976

Ion	Ratio	Lower	Upper
97	100		
83	90.9	71.8	107.8
85	68.3	45.2	67.8
99	63.6	50.6	75.8





#53

1,3-Dichloropropane

Concen: 0.404 ug/l

RT: 8.573 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

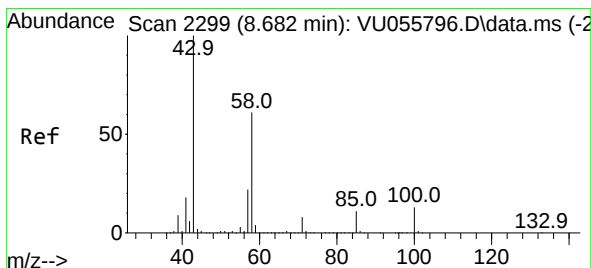
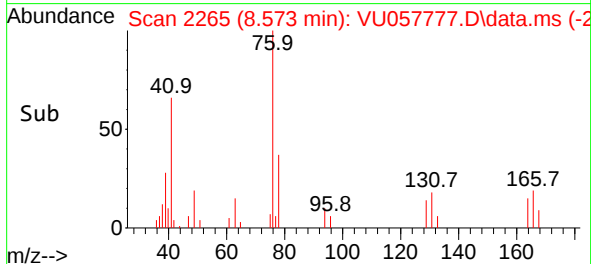
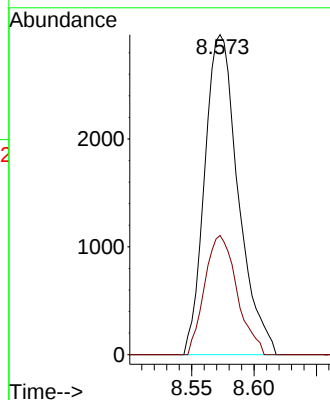
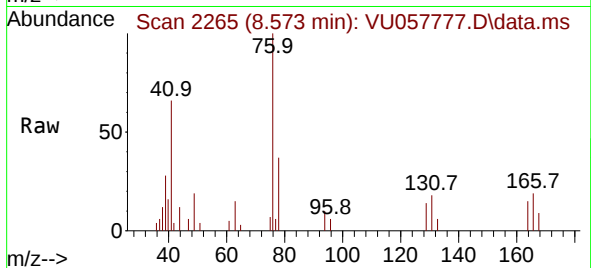
LOQ-WATER-02-QT1-2024

Tgt Ion: 76 Resp: 555
 Ion Ratio Lower Upper
 76 100
 78 35.9 25.9 38.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#54

2-Hexanone

Concen: 1.950 ug/l

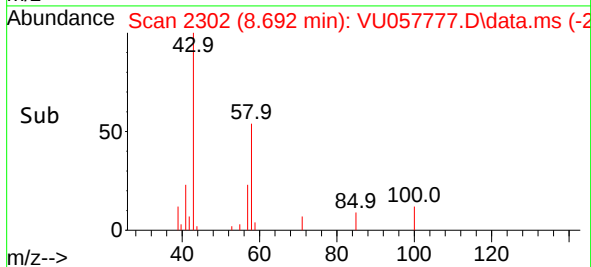
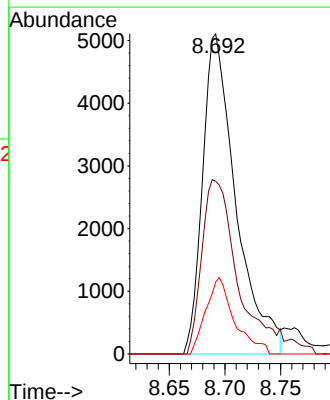
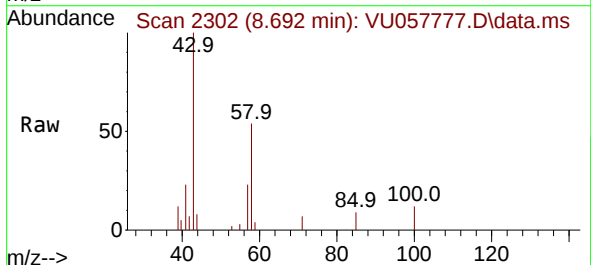
RT: 8.692 min Scan# 2302

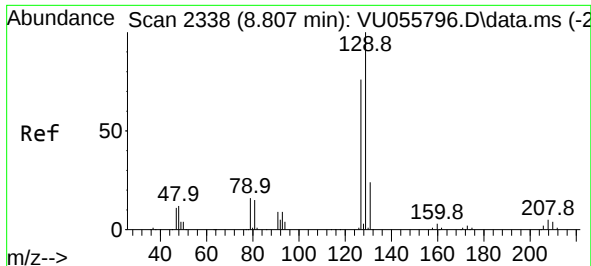
Delta R.T. 0.010 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

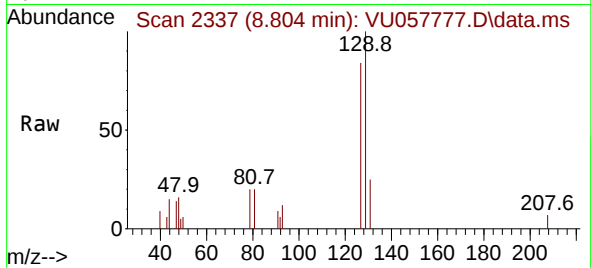
Tgt Ion: 43 Resp: 10626
 Ion Ratio Lower Upper
 43 100
 58 58.9 38.2 78.2
 57 20.4 0.0 39.1





#55
Dibromochloromethane
Concen: 0.381 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

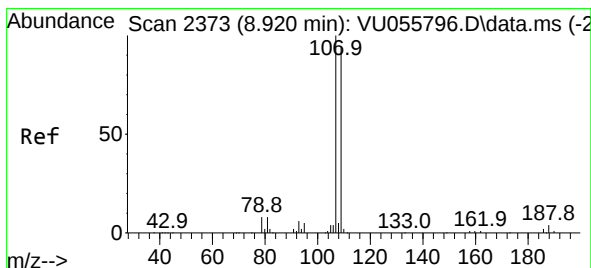
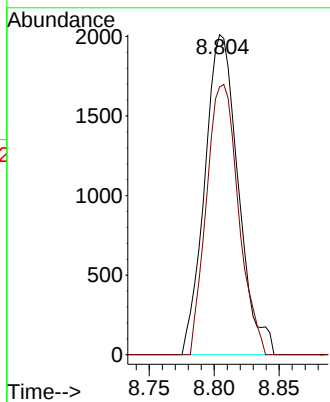
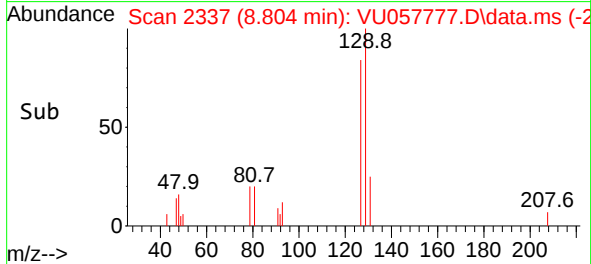
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:129 Resp: 361
Ion Ratio Lower Upper
129 100
127 80.6 61.4 92.0

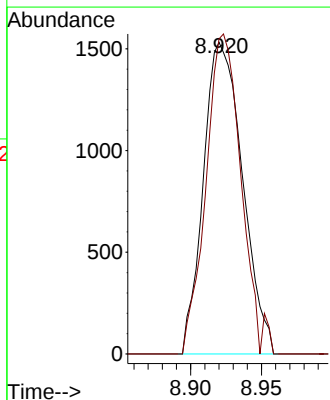
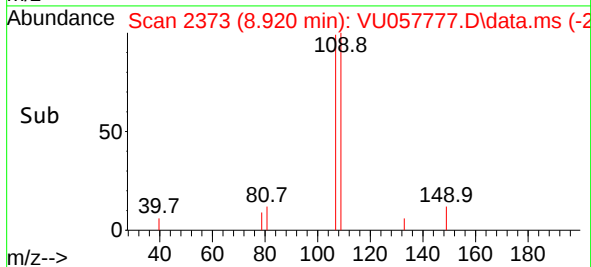
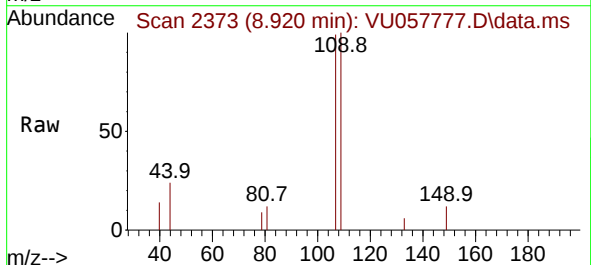
Manual Integrations
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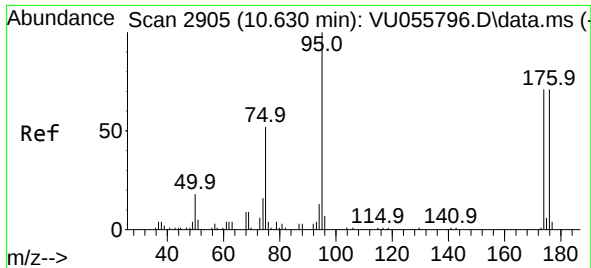
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#56
1,2-Dibromoethane
Concen: 0.417 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

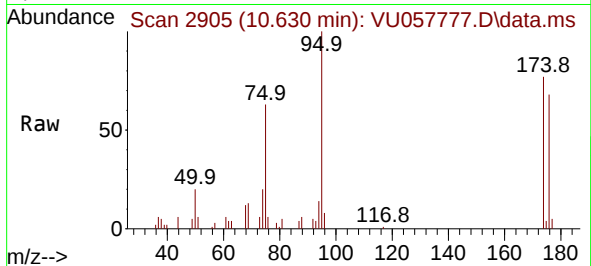
Tgt Ion:107 Resp: 2941
Ion Ratio Lower Upper
107 100
109 90.1 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.873 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

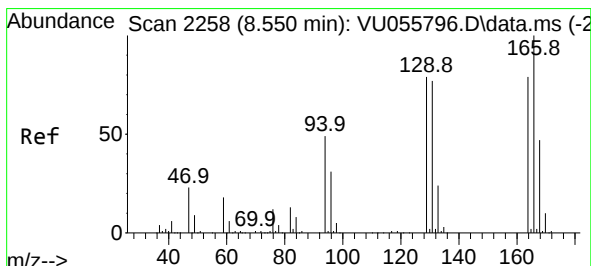
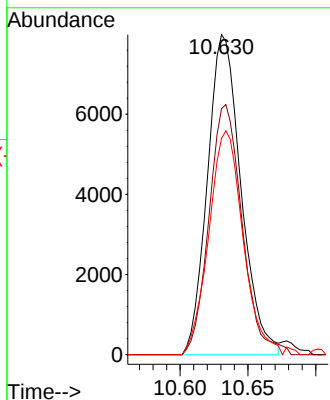
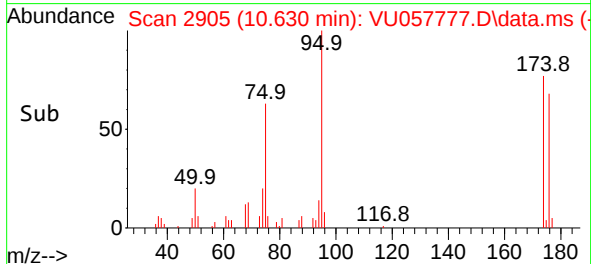
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 95 Resp: 1374
Ion Ratio Lower Upper
95 100
174 77.1 63.3 94.9
176 71.0 59.3 88.9

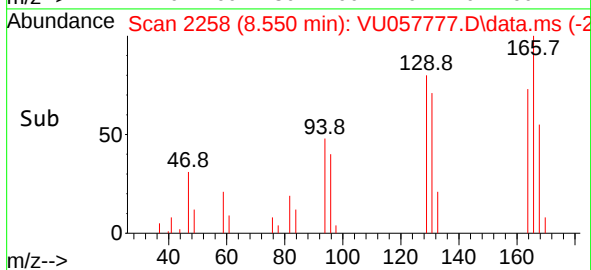
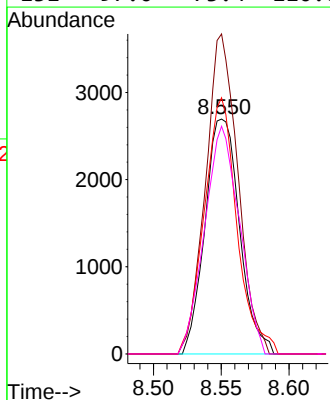
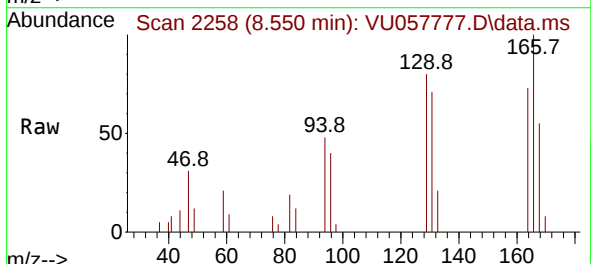
Manual Integrations
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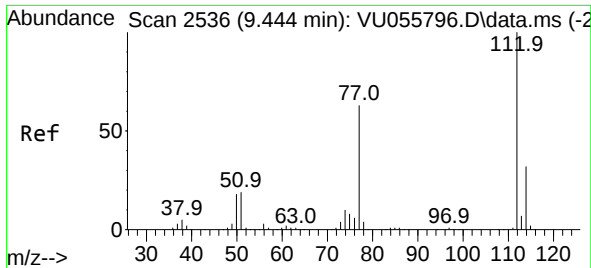
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#58
Tetrachloroethene
Concen: 0.438 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

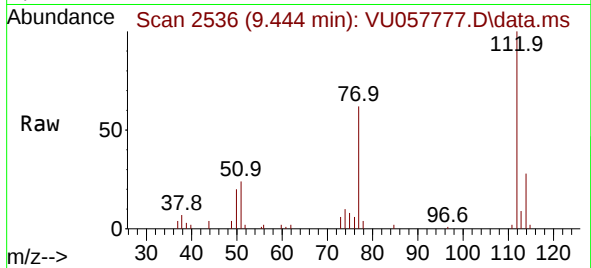
Tgt Ion:164 Resp: 4784
Ion Ratio Lower Upper
164 100
166 136.3 99.6 149.4
129 109.1 78.6 117.8
131 97.0 73.4 110.0





#59
Chlorobenzene
Concen: 0.416 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

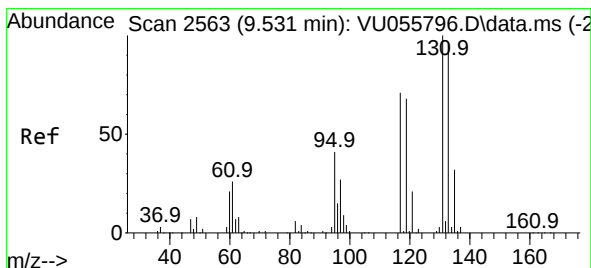
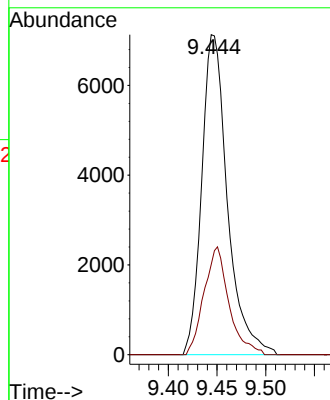
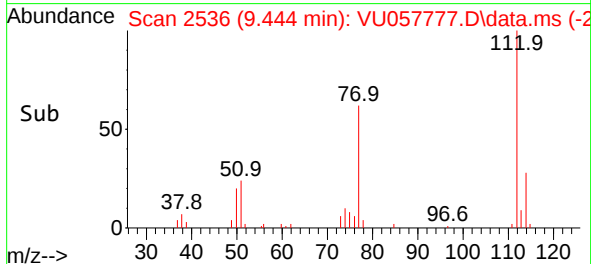
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:112 Resp: 1309
Ion Ratio Lower Upper
112 100
114 28.2 25.6 38.4

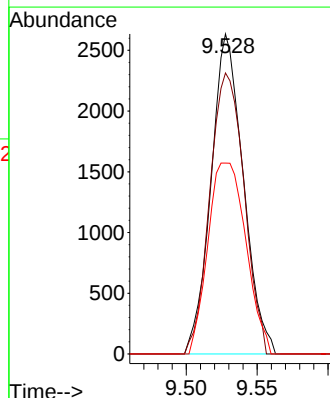
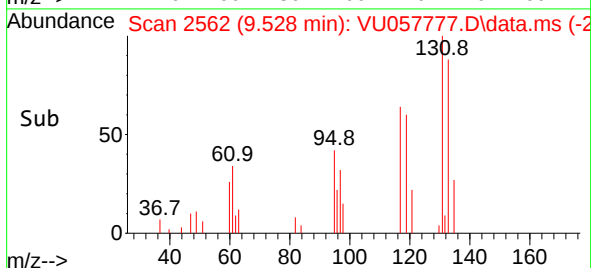
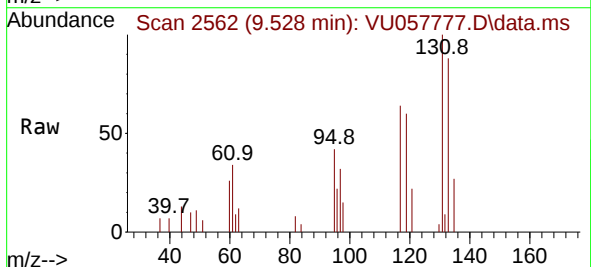
Manual Integrations
APPROVED

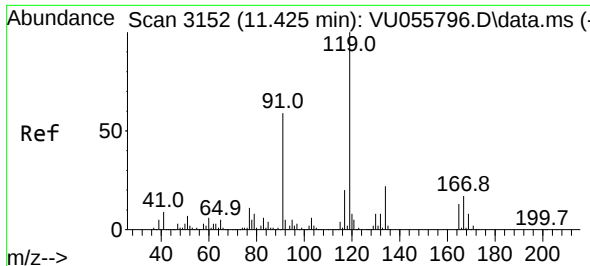
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.391 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

Tgt Ion:131 Resp: 4174
Ion Ratio Lower Upper
131 100
133 93.1 77.8 116.6
119 70.4 55.2 82.8





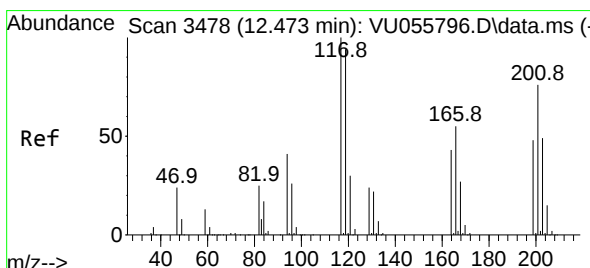
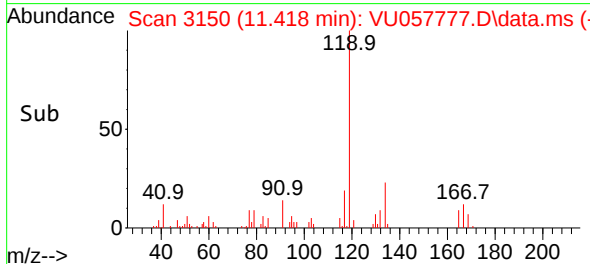
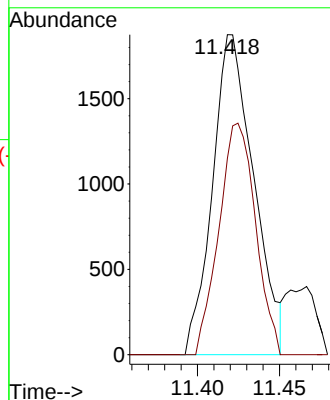
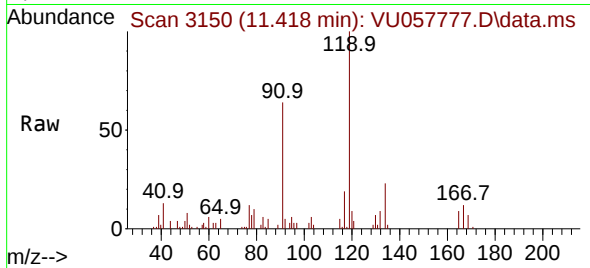
#61
Pentachloroethane
Concen: 0.422 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.007 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

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

Tgt Ion:117 Resp: 3275
Ion Ratio Lower Upper
117 100
167 64.2 56.7 85.1

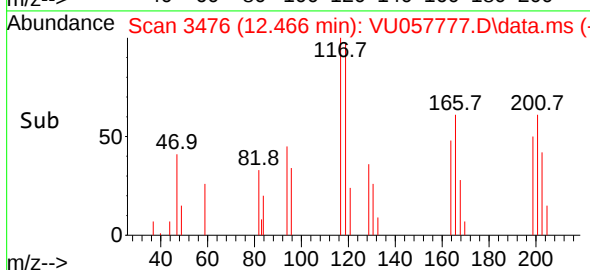
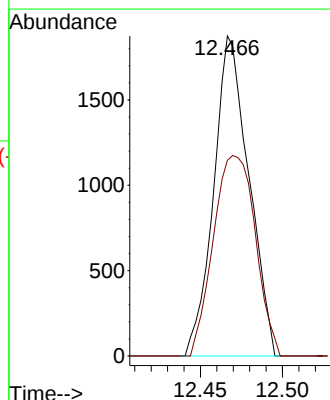
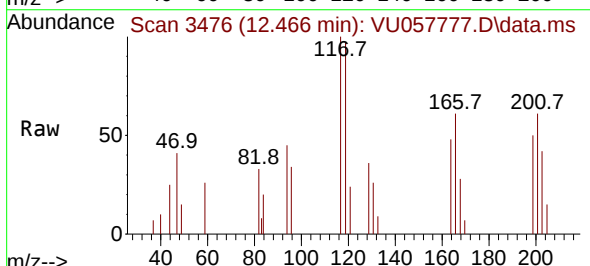
Manual Integrations
APPROVED

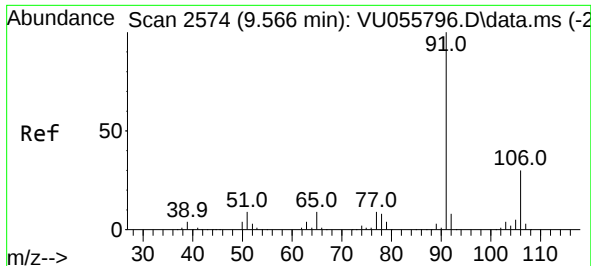
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#62
Hexachloroethane
Concen: 0.329 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.007 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

Tgt Ion:117 Resp: 2786
Ion Ratio Lower Upper
117 100
201 75.0 59.6 89.4





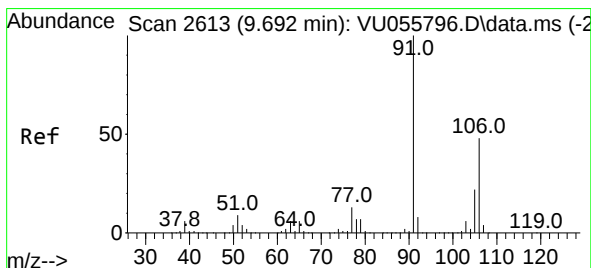
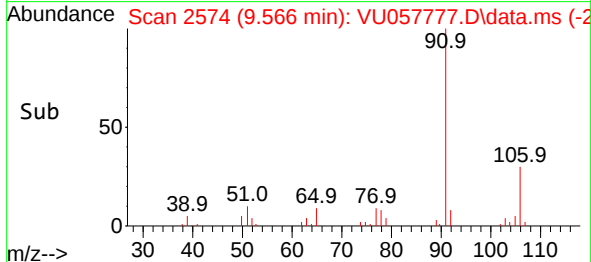
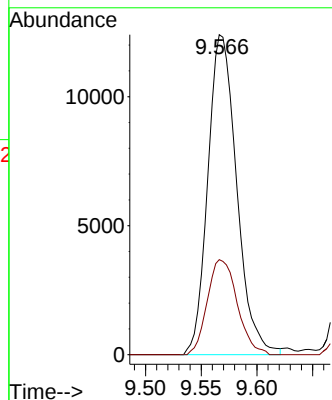
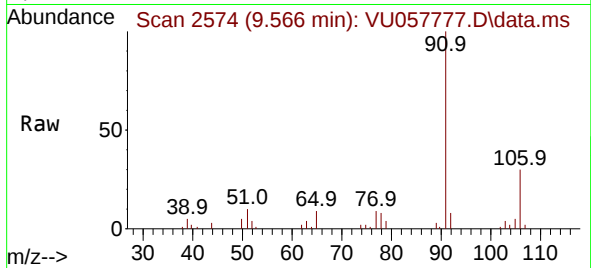
#63
Ethyl Benzene
Concen: 0.400 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

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

Tgt Ion: 91 Resp: 2236
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

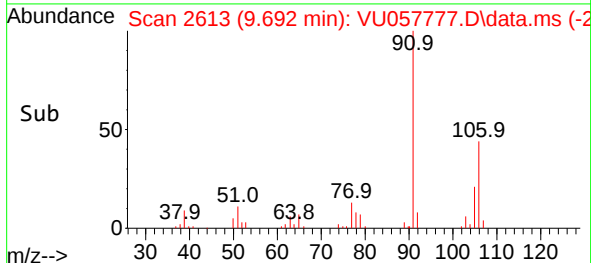
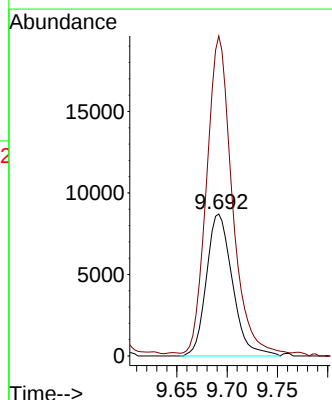
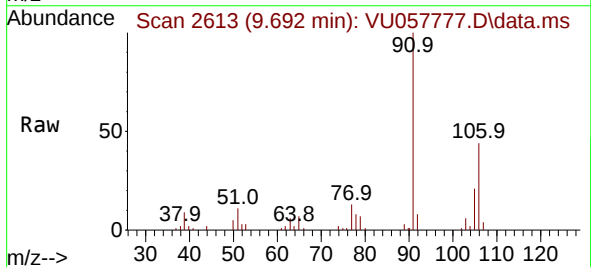
Manual Integrations
APPROVED

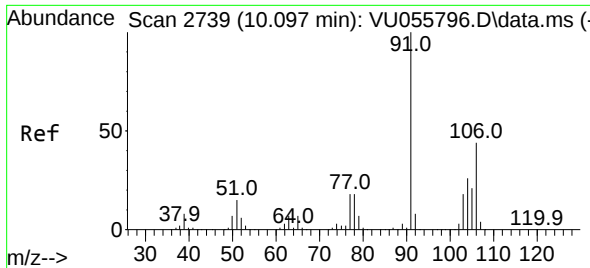
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#64
m/p-Xylenes
Concen: 0.770 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

Tgt Ion:106 Resp: 15648
Ion Ratio Lower Upper
106 100
91 217.7 167.3 250.9





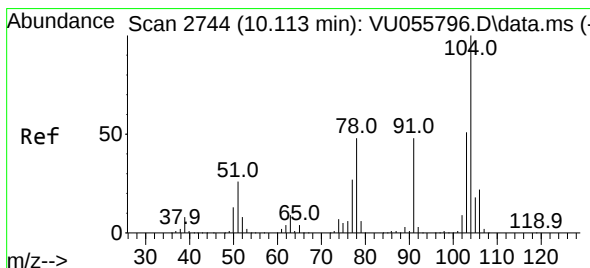
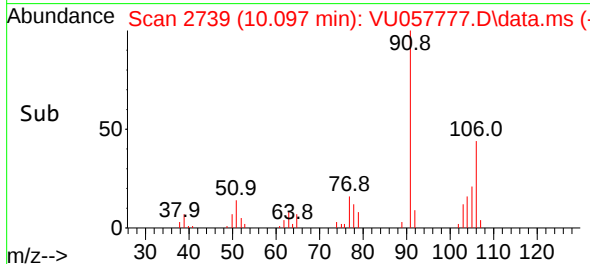
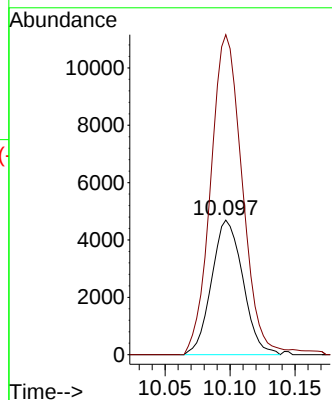
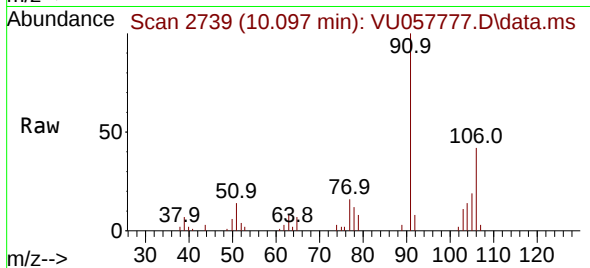
#65
o-Xylene
Concen: 0.391 ug/l
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

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

Tgt Ion:106 Resp: 7850
Ion Ratio Lower Upper
106 100
91 241.5 109.3 327.9

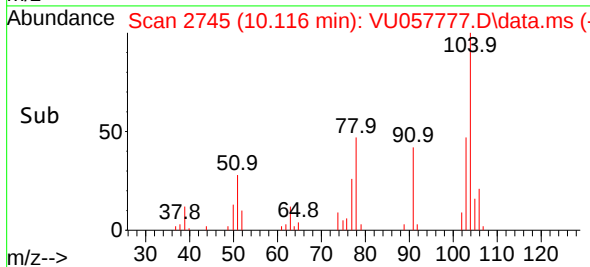
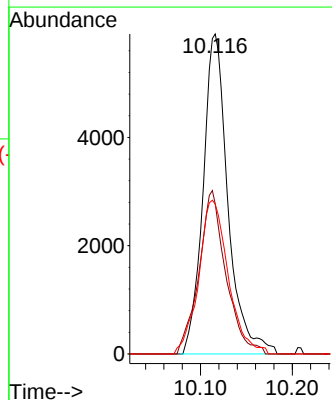
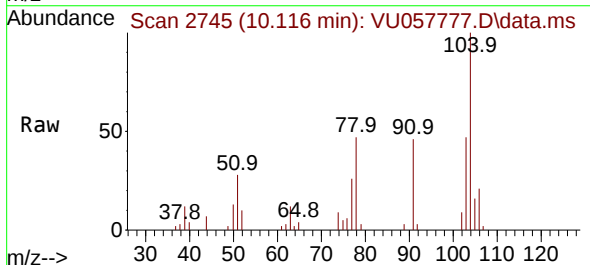
Manual Integrations
APPROVED

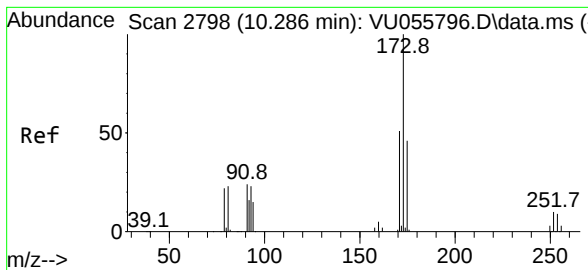
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#66
Styrene
Concen: 0.372 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

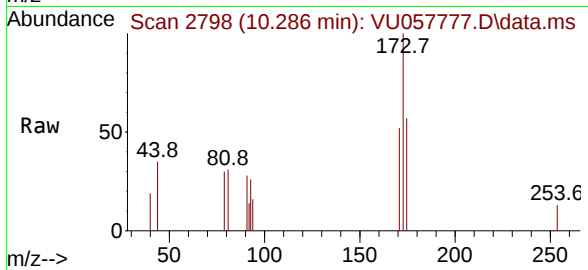
Tgt Ion:104 Resp: 11160
Ion Ratio Lower Upper
104 100
78 55.2 39.7 59.5
103 56.9 44.8 67.2





#67
Bromoform
Concen: 0.346 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

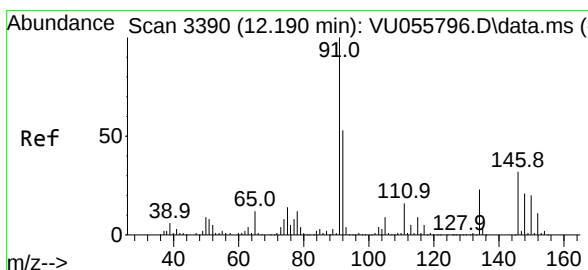
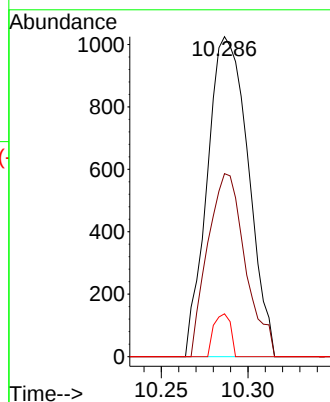
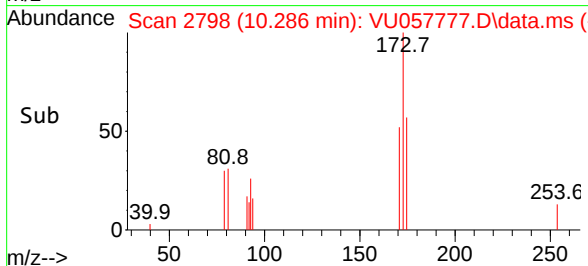
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



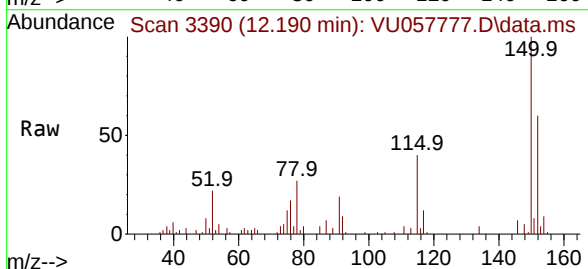
Tgt Ion:173 Resp: 1680
Ion Ratio Lower Upper
173 100
175 52.4 39.0 58.6
254 5.5 7.4 11.0

Manual Integrations
APPROVED

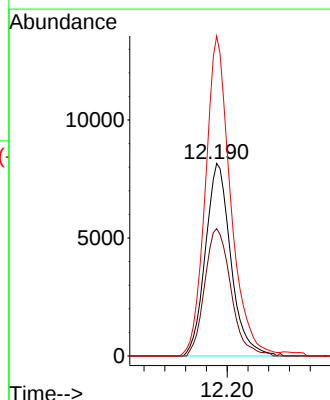
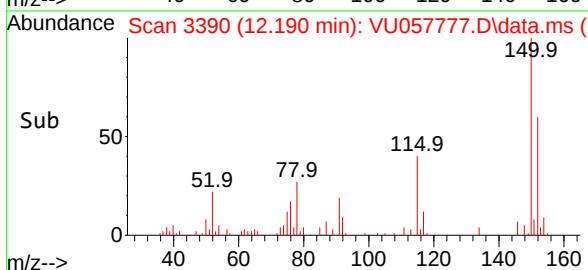
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

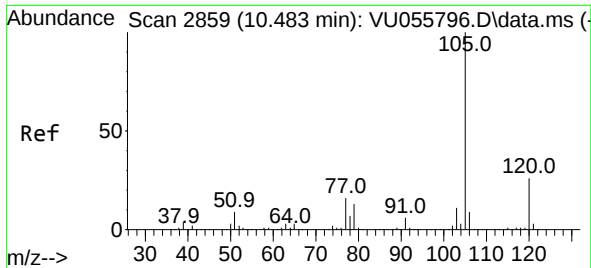


#68
1,2-Dichlorobenzene-d4
Concen: 0.975 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43



Tgt Ion:152 Resp: 13823
Ion Ratio Lower Upper
152 100
115 68.2 0.0 308.8
150 164.8 0.0 635.0





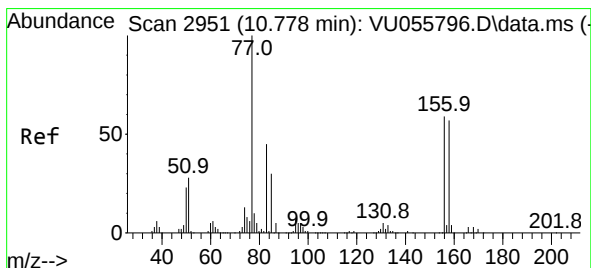
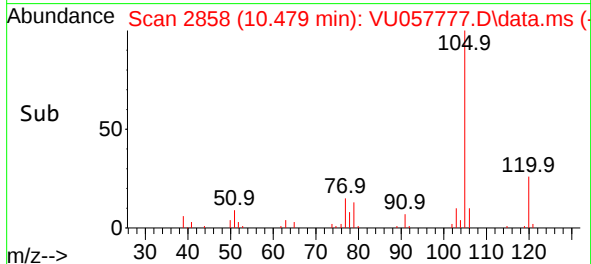
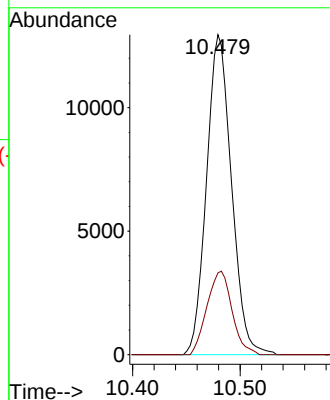
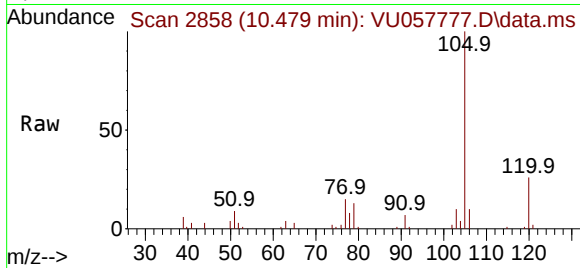
#69
Isopropylbenzene
Concen: 0.396 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. -0.004 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

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

Tgt Ion:105 Resp: 20892
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4

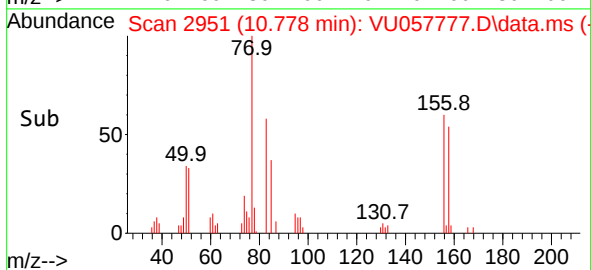
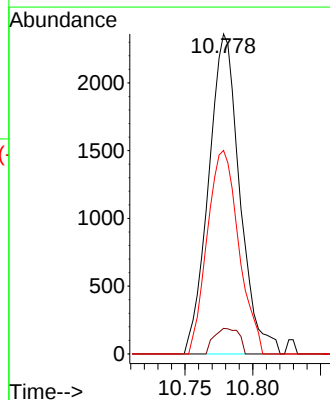
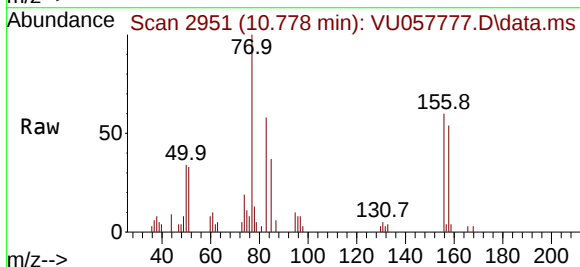
Manual Integrations
APPROVED

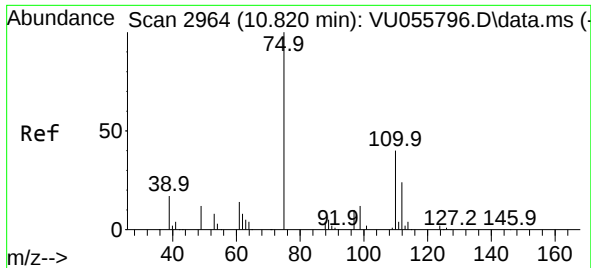
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.393 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

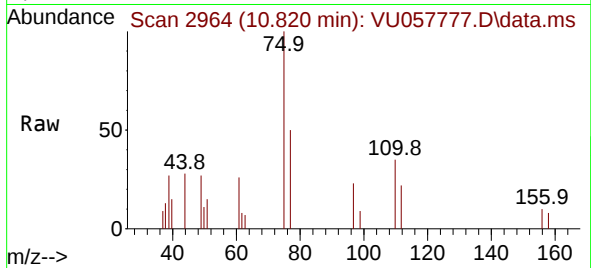
Tgt Ion: 83 Resp: 3775
Ion Ratio Lower Upper
83 100
131 6.4 7.2 10.8#
85 64.2 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.373 ug/l m
RT: 10.820 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

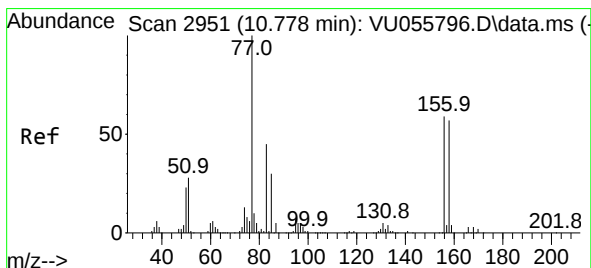
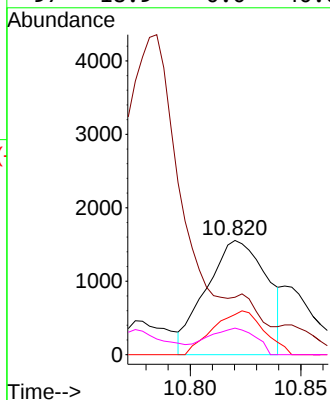
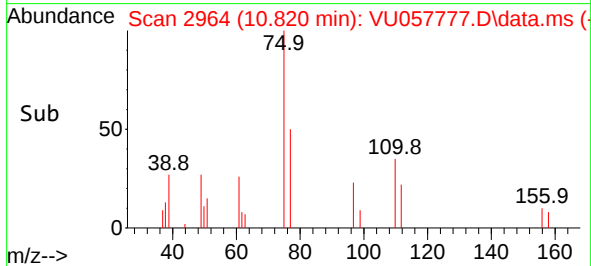
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



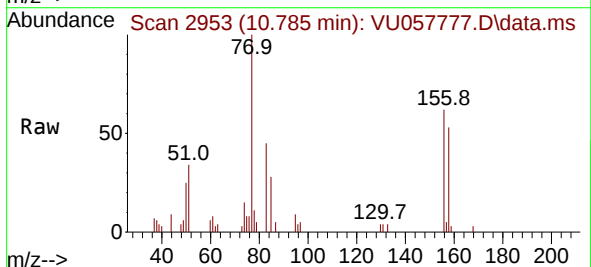
Tgt Ion:	75	Resp:	2953
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	116.4
110	32.1	0.0	74.6
97	18.9	0.0	40.0

Manual Integrations
APPROVED

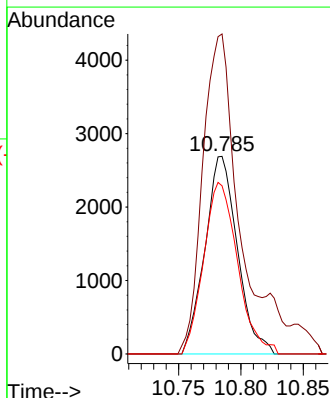
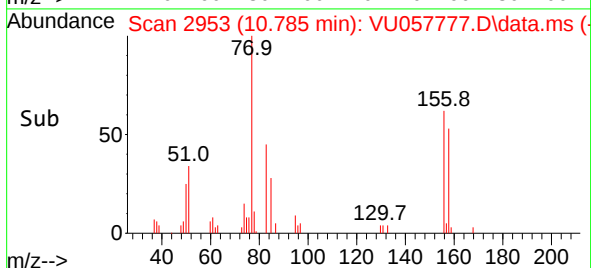
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

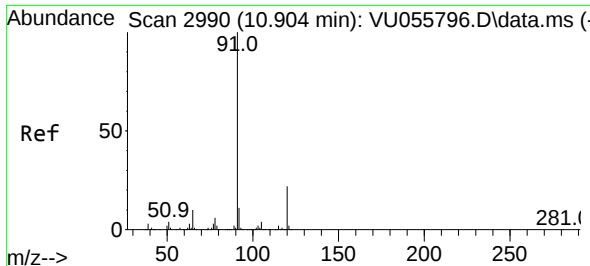


#72
Bromobenzene
Concen: 0.420 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.007 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43



Tgt Ion:	156	Resp:	4873
Ion	Ratio	Lower	Upper
156	100		
77	168.3	0.0	343.0
158	90.7	0.0	194.8





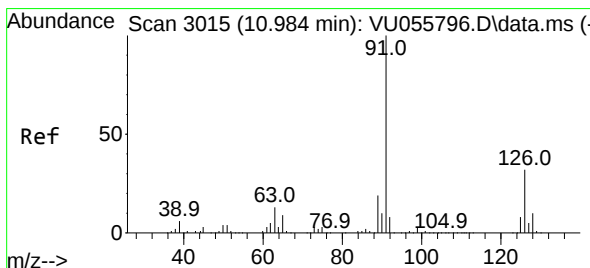
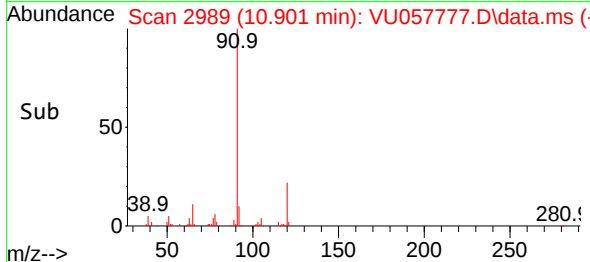
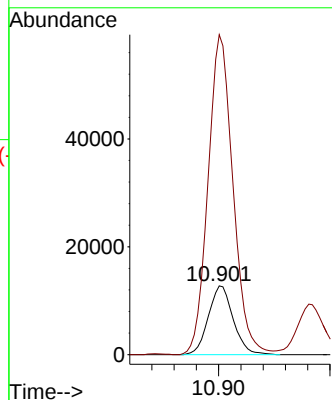
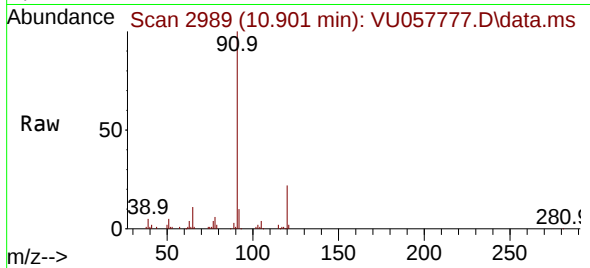
#73
n-propylbenzene
Concen: 1.492 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

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

Tgt Ion:120 Resp: 1977
Ion Ratio Lower Upper
120 100
91 467.3 369.8 554.6

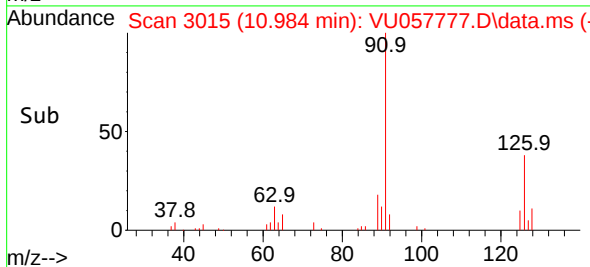
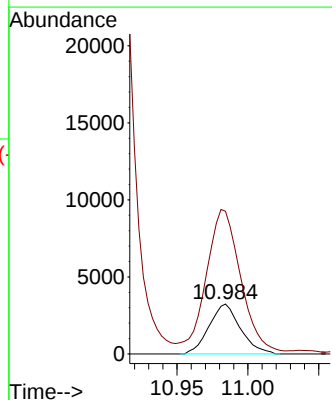
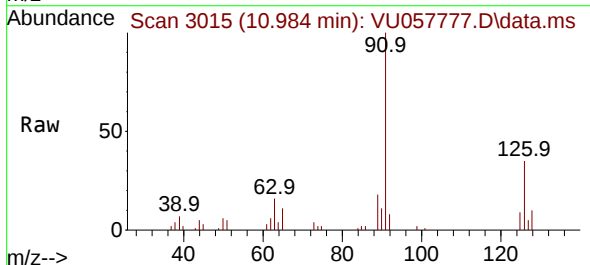
Manual Integrations
APPROVED

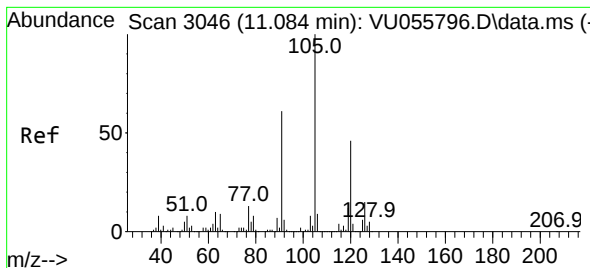
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#74
2-Chlorotoluene
Concen: 0.405 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

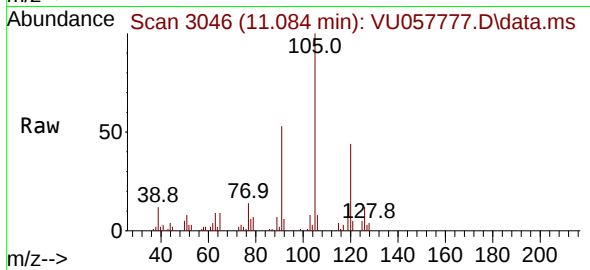
Tgt Ion:126 Resp: 4978
Ion Ratio Lower Upper
126 100
91 310.5 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 0.404 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

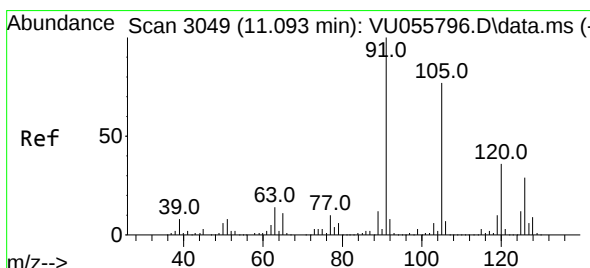
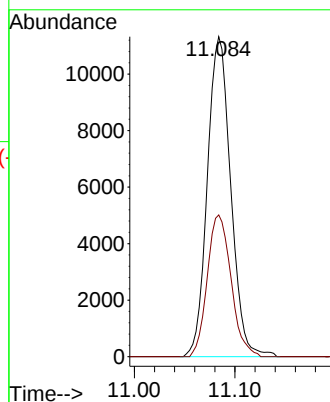
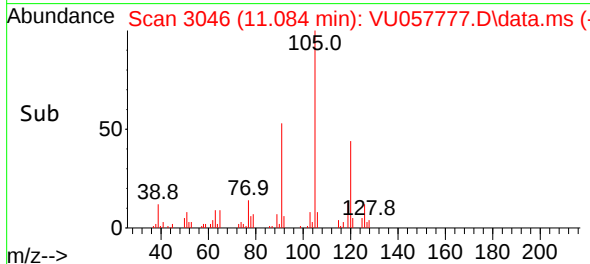
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



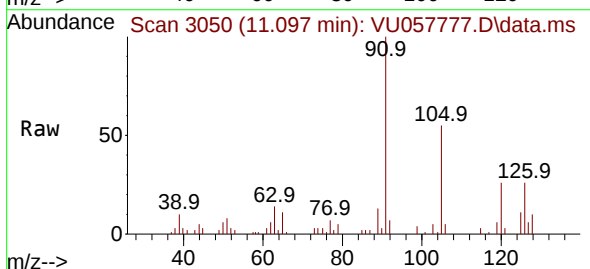
Tgt Ion:105 Resp: 18298
Ion Ratio Lower Upper
105 100
120 45.0 37.8 56.8

Manual Integrations
APPROVED

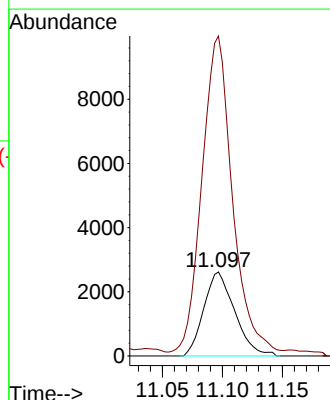
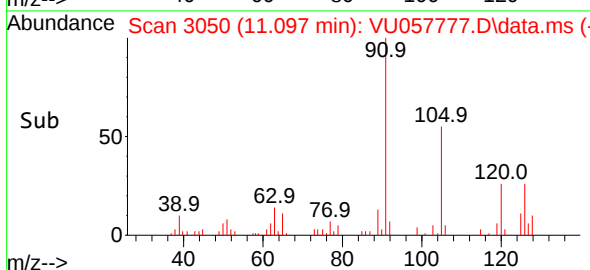
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

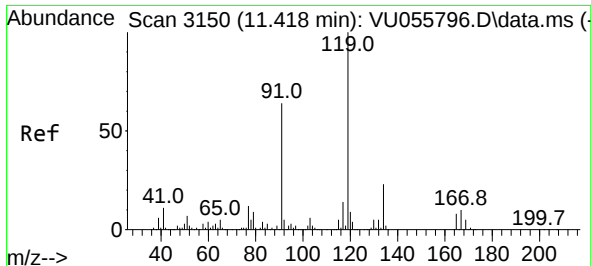


#76
4-Chlorotoluene
Concen: 0.379 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.004 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43



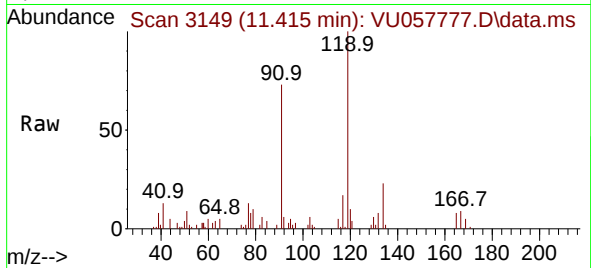
Tgt Ion:126 Resp: 4687
Ion Ratio Lower Upper
126 100
91 368.2 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.392 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

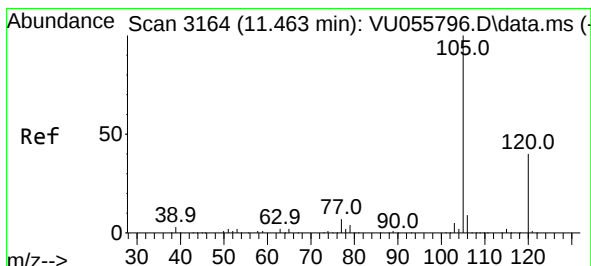
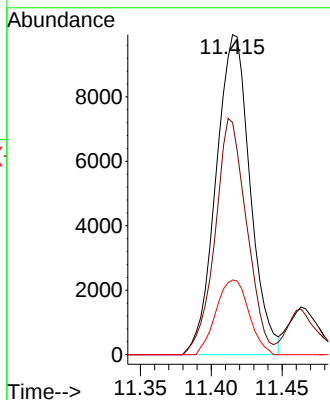
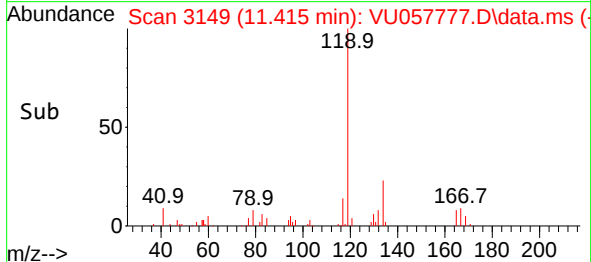
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



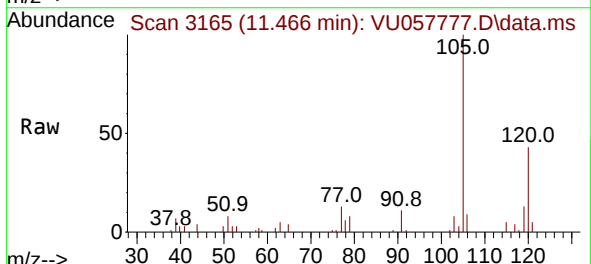
Tgt Ion:119 Resp: 16652
Ion Ratio Lower Upper
119 100
91 68.5 30.8 92.4
134 22.5 18.0 27.0

Manual Integrations
APPROVED

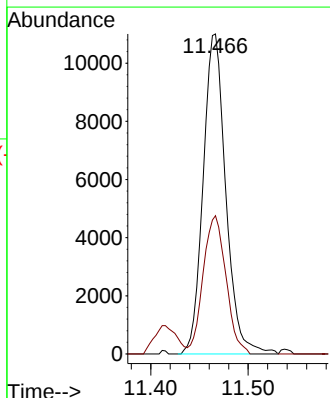
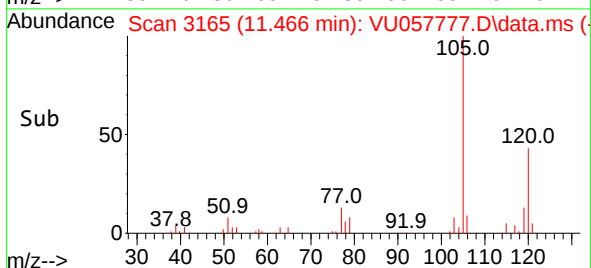
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

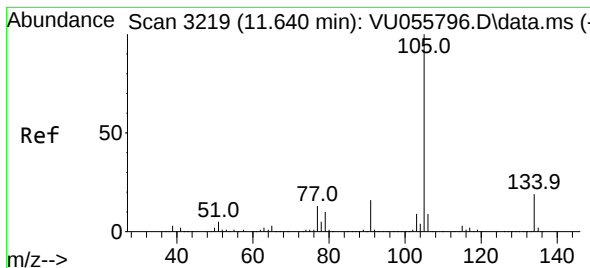


#78
1,2,4-Trimethylbenzene
Concen: 0.387 ug/l
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43



Tgt Ion:105 Resp: 17780
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.8





#79

sec-Butylbenzene

Concen: 0.415 ug/l

RT: 11.637 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 22560

Ion Ratio Lower Upper

105 100

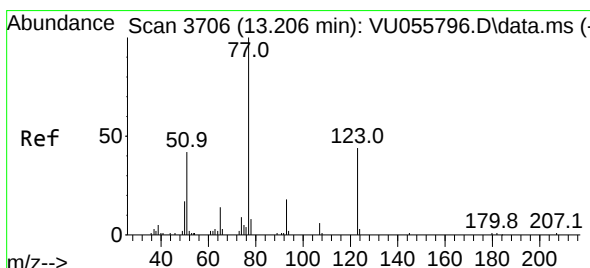
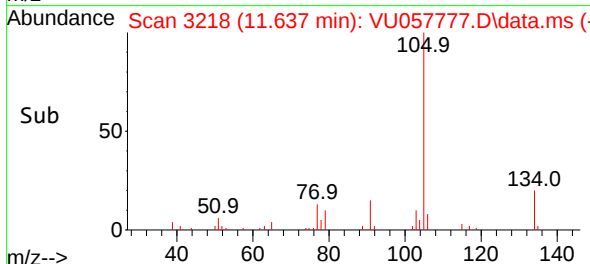
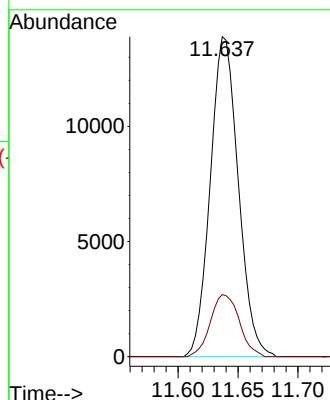
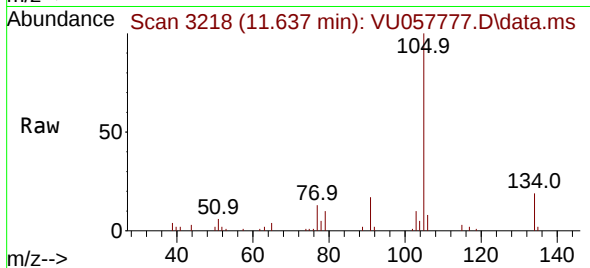
134 20.1 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#80

Nitrobenzene

Concen: 0.697 ug/l

RT: 13.238 min Scan# 3716

Delta R.T. 0.032 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

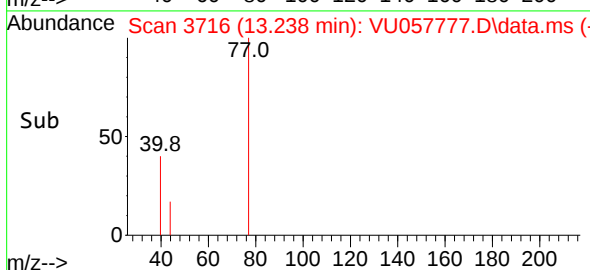
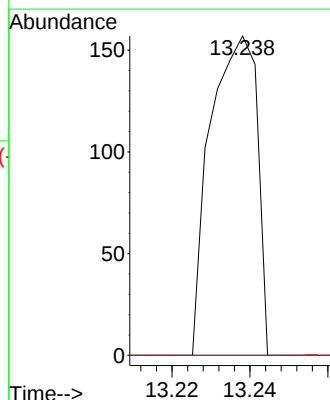
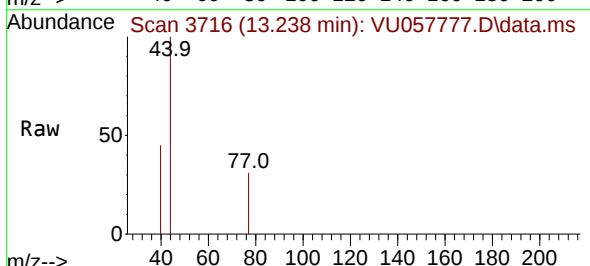
Tgt Ion: 77 Resp: 131

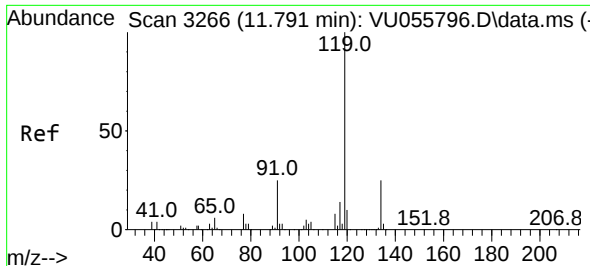
Ion Ratio Lower Upper

77 100

123 0.0 19.7 69.7#

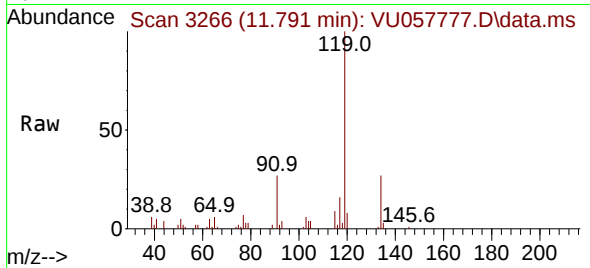
65 0.0 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 0.387 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

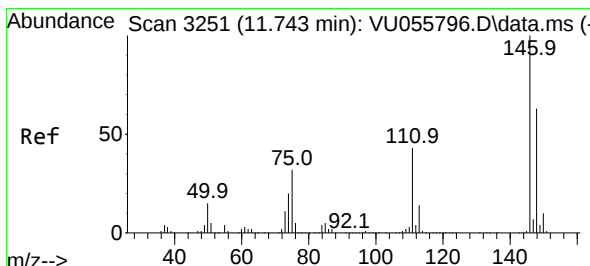
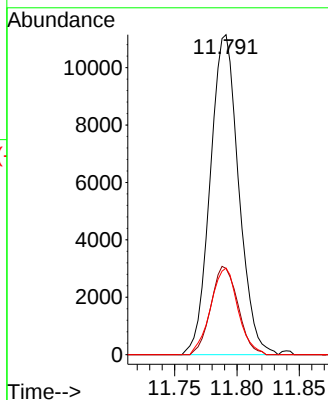
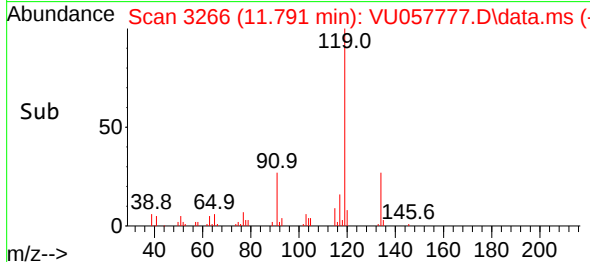
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



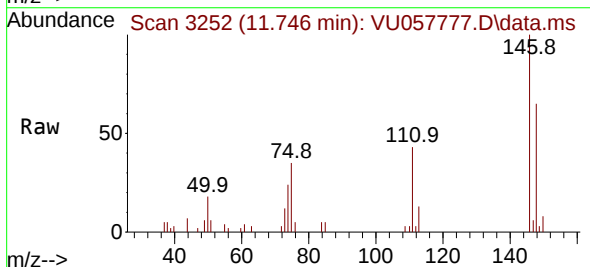
Tgt Ion:119 Resp: 1771
Ion Ratio Lower Upper
119 100
134 26.2 20.2 30.4
91 26.0 19.3 28.9

Manual Integrations
APPROVED

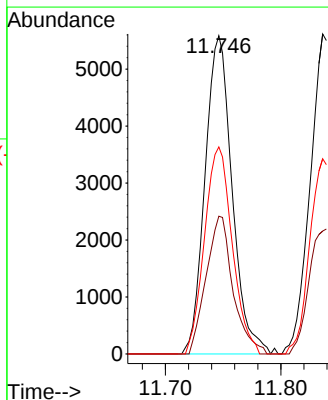
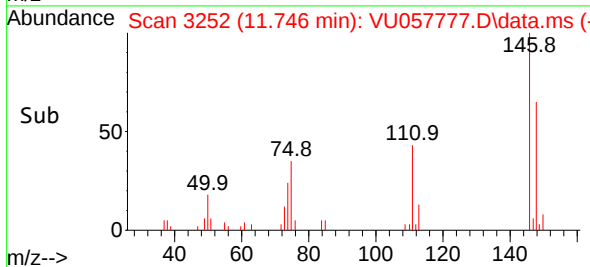
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

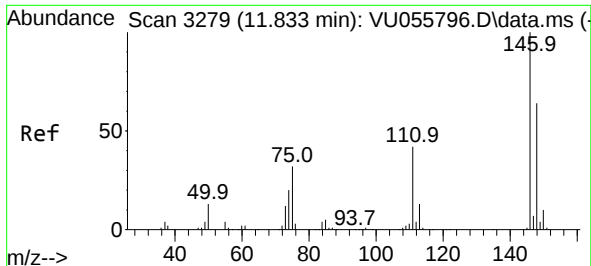


#82
1,3-Dichlorobenzene
Concen: 0.388 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43



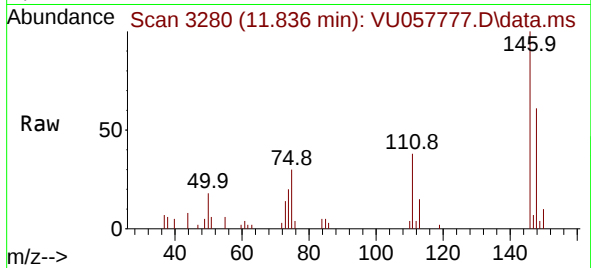
Tgt Ion:146 Resp: 9108
Ion Ratio Lower Upper
146 100
111 43.0 32.6 49.0
148 66.5 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.417 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43

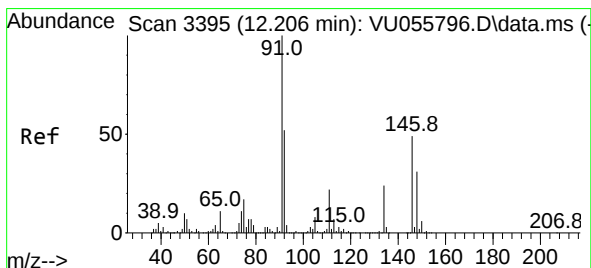
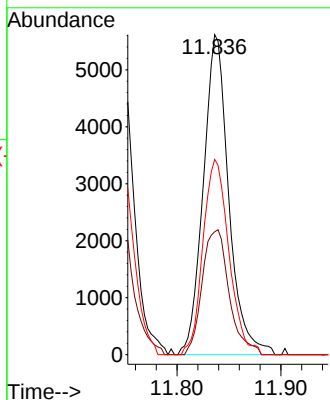
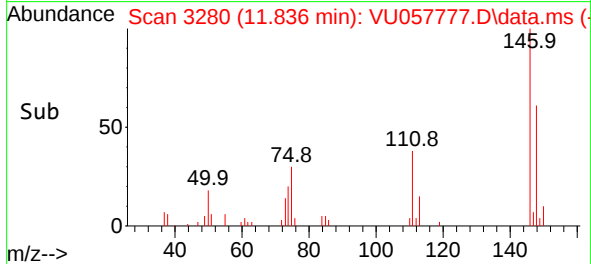
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



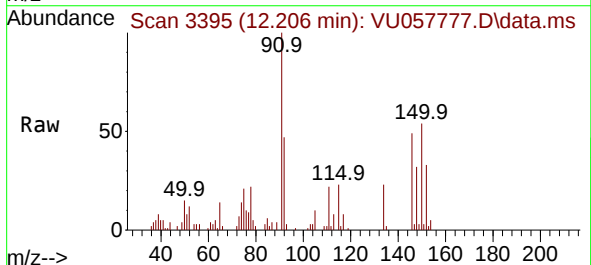
Tgt Ion:146 Resp: 9540
Ion Ratio Lower Upper
146 100
111 41.4 31.6 47.4
148 62.2 50.3 75.5

Manual Integrations
APPROVED

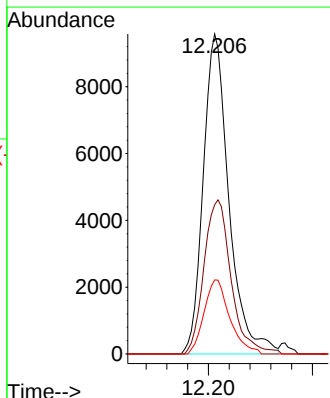
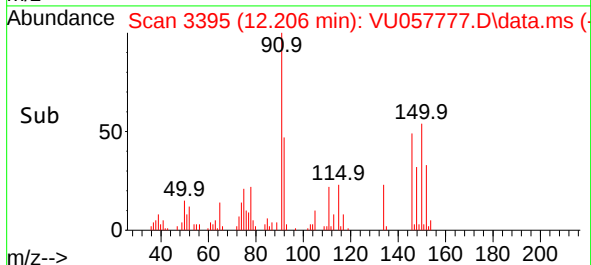
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

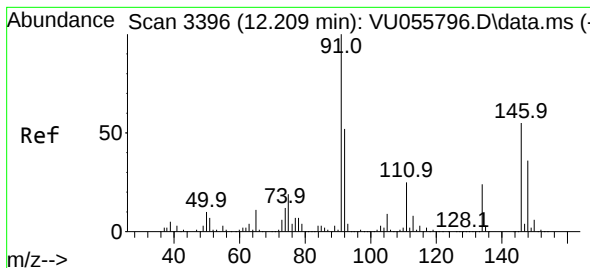


#84
n-Butylbenzene
Concen: 0.375 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU057777.D
Acq: 01 Feb 2024 14:43



Tgt Ion: 91 Resp: 16425
Ion Ratio Lower Upper
91 100
92 51.0 40.8 61.2
134 23.1 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 0.402 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

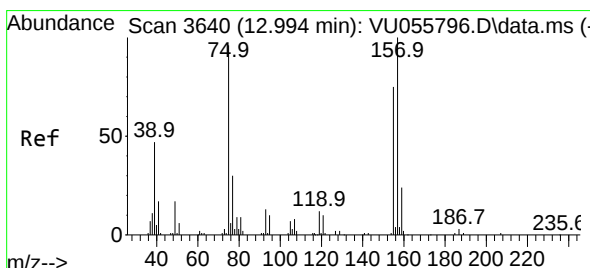
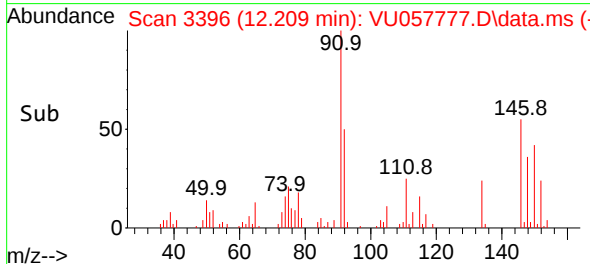
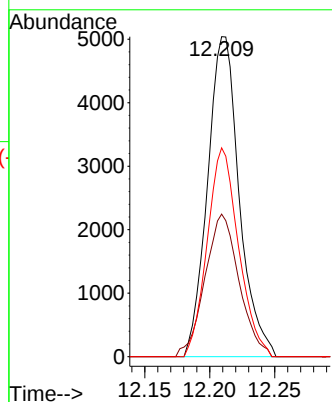
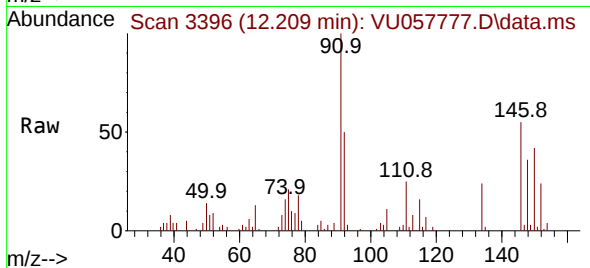
LOQ-WATER-02-QT1-2024

Tgt Ion:	146	Resp:	856
Ion Ratio	Lower	Upper	
146	100		
111	47.9	21.6	64.6
148	64.5	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.393 ug/l

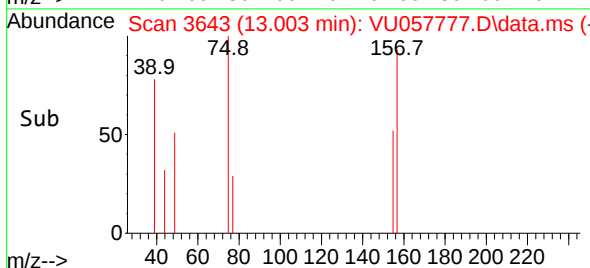
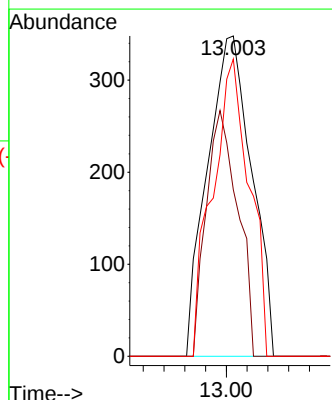
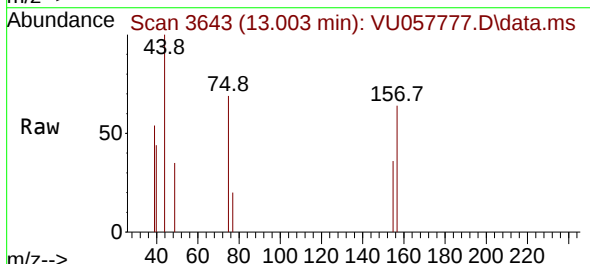
RT: 13.003 min Scan# 3643

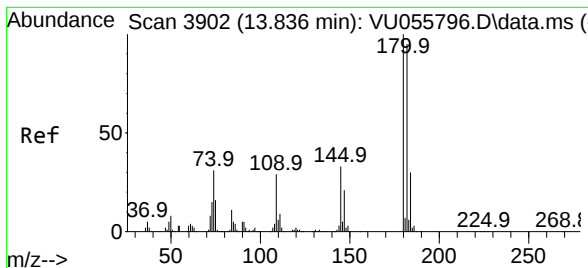
Delta R.T. 0.009 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Tgt Ion:	75	Resp:	516
Ion Ratio	Lower	Upper	
75	100		
155	54.5	61.8	92.8#
157	77.7	80.2	120.4#





#87

1,2,4-Trichlorobenzene

Concen: 0.377 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.007 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

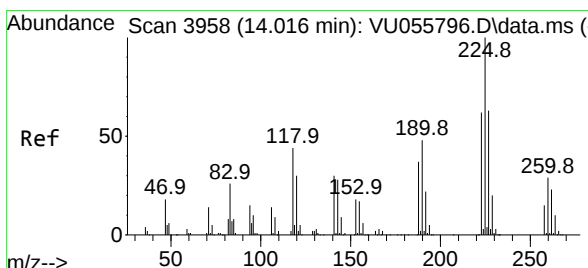
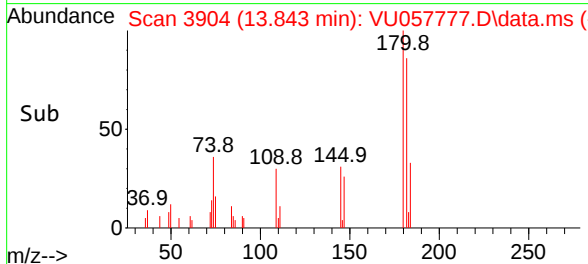
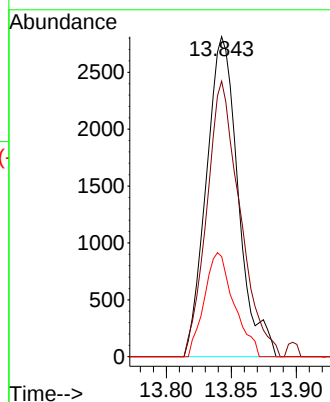
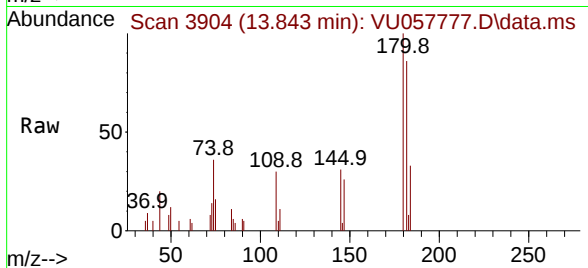
LOQ-WATER-02-QT1-2024

Tgt Ion:180	Resp:	480
Ion Ratio	Lower	Upper
180	100	
182	89.6	75.8 113.6
145	30.3	23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#88

Hexachlorobutadiene

Concen: 0.429 ug/l

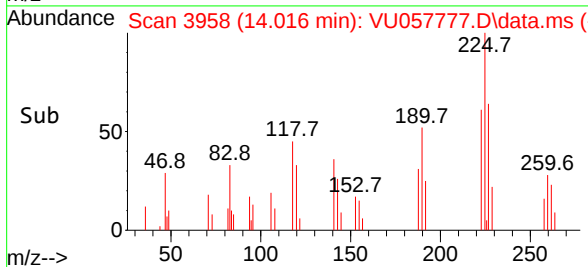
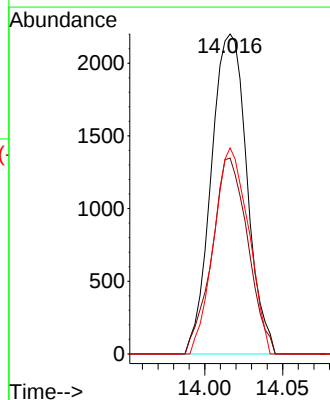
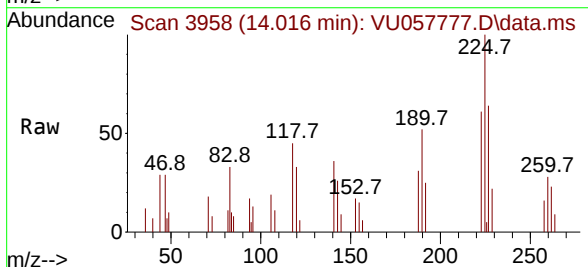
RT: 14.016 min Scan# 3958

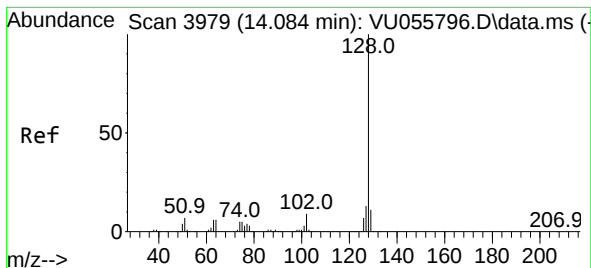
Delta R.T. 0.000 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Tgt Ion:225	Resp:	3503
Ion Ratio	Lower	Upper
225	100	
223	61.7	50.2 75.4
227	62.7	51.5 77.3





#89

Naphthalene

Concen: 0.322 ug/l

RT: 14.093 min Scan# 3979

Delta R.T. 0.009 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Instrument :

MSVOA_U

ClientSampleId :

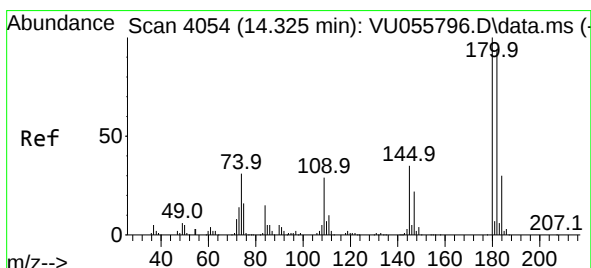
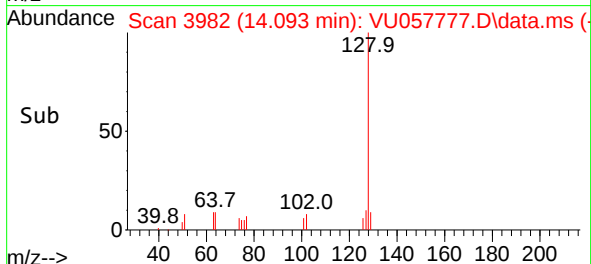
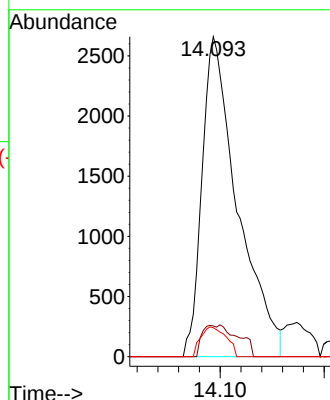
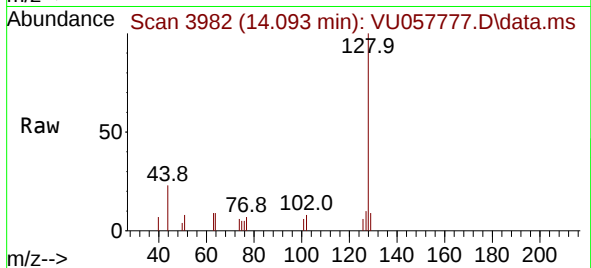
LOQ-WATER-02-QT1-2024

Tgt Ion:128	Resp: 6310
Ion Ratio	Lower Upper
128	100
127	9.9 10.9 16.3
129	6.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#90

1,2,3-Trichlorobenzene

Concen: 0.382 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU057777.D

Acq: 01 Feb 2024 14:43

Tgt Ion:180	Resp: 4041
Ion Ratio	Lower Upper
180	100
182	89.6 75.7 113.5
145	30.8 26.1 39.1

