

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
 Data File : VU061171.D
 Acq On : 21 Oct 2024 14:53
 Operator : MD/SY
 Sample : P4368-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 22 01:36:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 22 01:35:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

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

Internal Standards						
1) Fluorobenzene	6.110	96	26745	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14143	0.995	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13892	0.992	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	7659	0.520	ug/l	97
3) Chloromethane	1.518	50	8781	0.627	ug/l	97
4) Vinyl Chloride	1.599	62	7531	0.523	ug/l	94
5) Bromomethane	1.853	94	5421	0.599	ug/l	98
6) Chloroethane	1.927	64	6344	0.658	ug/l	91
7) Trichlorofluoromethane	2.126	101	12080	0.590	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	5543	0.545	ug/l	99
9) 1,1-Dichloroethene	2.570	96	5539	0.522	ug/l	92
10) Iodomethane	2.711	142	9768	0.774	ug/l	99
11) Allyl Chloride	2.917	41	6701	0.490	ug/l	96
12) Acrylonitrile	3.341	53	2269m	1.063	ug/l	
13) Acetone	2.650	43	7341	2.637	ug/l	97
14) Carbon Disulfide	2.782	76	18846	0.515	ug/l	97
15) Methylene Chloride	3.036	84	7202	0.524	ug/l	94
16) trans-1,2-Dichloroethene	3.348	96	6380	0.513	ug/l	96
17) 1,1-Dichloroethane	3.859	63	11267	0.511	ug/l	96
18) 2-Butanone	4.740	43	7659	2.247	ug/l	97
19) Cyclohexane	5.380	56	10256m	0.519	ug/l	
20) Methylcyclohexane	6.756	83	10994	0.499	ug/l	97
21) 2,2-Dichloropropane	4.653	77	10112	0.497	ug/l	# 79
22) cis-1,2-Dichloroethene	4.666	96	7272	0.536	ug/l	96
23) Diethyl Ether	2.370	59	4288	0.520	ug/l	# 89
24) tert-Butyl Alcohol	3.271	59	4372m	5.082	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	14788	0.520	ug/l	96
26) Bromochloromethane	4.968	128	2885	0.509	ug/l	95
27) Chloroform	5.081	83	12244	0.529	ug/l	94
28) 1,1,1-Trichloroethane	5.309	97	10326	0.506	ug/l	99
29) 1,1-Dichloropropene	5.521	75	9234	0.512	ug/l	100
30) Carbon Tetrachloride	5.518	117	8959	0.506	ug/l	97
31) Isopropyl Ether	3.984	45	16187	0.514	ug/l	96
32) Ethyl-t-butyl ether	4.492	59	15767	0.487	ug/l	97
33) Tert-Amyl methyl ether	5.936	73	15086	0.518	ug/l	98
34) Propionitrile	4.824	54	2186m	2.688	ug/l	
35) Benzene	5.769	78	26164	0.515	ug/l	98
36) 1,2-Dichloroethane	5.795	62	7501	0.523	ug/l	96
37) Trichloroethene	6.537	130	6831	0.504	ug/l	93
38) 1,2-Dichloropropane	6.785	63	6559	0.510	ug/l	96
39) Methacrylonitrile	4.997	41	1534m	0.524	ug/l	
40) Methyl acrylate	4.894	55	3332m	0.561	ug/l	
41) Tetrahydrofuran	5.071	42	1803m	1.025	ug/l	
42) 1-Chlorobutane	5.454	56	10875	0.470	ug/l	94
43) Dibromomethane	6.917	93	3384	0.508	ug/l	93
44) Bromodichloromethane	7.100	83	8092	0.499	ug/l	97

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 LOQ-WATER-02-QT4-2024

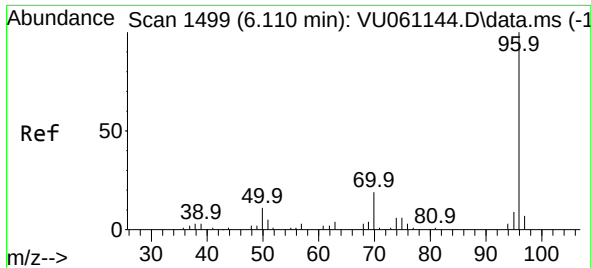
Quant Time: Oct 22 01:36:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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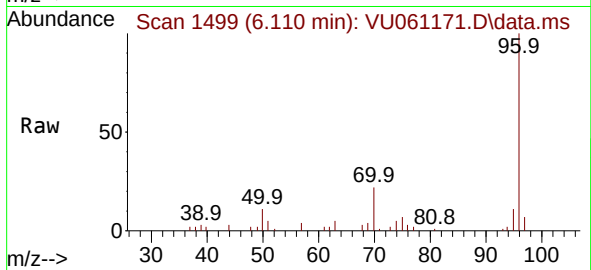
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45) 4-Methyl-2-Pentanone	7.791	43	17464	2.609	ug/l	97
46) t-1,4-Dichloro-2-butene	10.839	75	2844m	1.066	ug/l	
47) Methyl methacrylate	6.965	69	5375	0.928	ug/l	90
48) Ethyl methacrylate	8.335	69	5841	0.473	ug/l	96
49) Toluene	7.965	92	17162	0.535	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	7387	0.473	ug/l	97
51) cis-1,3-Dichloropropene	7.605	75	9748	0.508	ug/l #	91
52) 1,1,2-Trichloroethane	8.393	97	4690	0.522	ug/l	95
53) 1,3-Dichloropropane	8.569	76	8102	0.513	ug/l	95
54) 2-Hexanone	8.695	43	13369	2.432	ug/l	97
55) Dibromochloromethane	8.804	129	5242	0.494	ug/l	99
56) 1,2-Dibromoethane	8.920	107	4423	0.513	ug/l	97
58) Tetrachloroethene	8.547	164	6156	0.536	ug/l	95
59) Chlorobenzene	9.444	112	17877	0.517	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.524	131	5758	0.494	ug/l	96
61) Pentachloroethane	11.421	117	4131	0.463	ug/l	93
62) Hexachloroethane	12.466	117	4348	0.473	ug/l	96
63) Ethyl Benzene	9.566	91	31724	0.513	ug/l	98
64) m/p-Xylenes	9.688	106	23144	0.983	ug/l	100
65) o-Xylene	10.097	106	12180	0.525	ug/l	99
66) Styrene	10.116	104	16984	0.471	ug/l	100
67) Bromoform	10.290	173	2498	0.449	ug/l #	96
69) Isopropylbenzene	10.479	105	26493	0.480	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	5630	0.515	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	4272m	0.480	ug/l	
72) Bromobenzene	10.782	156	6434	0.485	ug/l	82
73) n-propylbenzene	10.901	120	7724	0.480	ug/l	100
74) 2-Chlorotoluene	10.984	126	6883	0.494	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	24559	0.494	ug/l	100
76) 4-Chlorotoluene	11.097	126	6930	0.489	ug/l	97
77) tert-Butylbenzene	11.412	119	24386	0.496	ug/l	95
78) 1,2,4-Trimethylbenzene	11.463	105	24431	0.486	ug/l	98
79) sec-Butylbenzene	11.637	105	31393	0.490	ug/l	98
80) Nitrobenzene	13.235	77	615m	2.573	ug/l	
81) p-Isopropyltoluene	11.788	119	25852	0.487	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	12662	0.497	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	13104	0.516	ug/l	98
84) n-Butylbenzene	12.203	91	24897	0.506	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	13218	0.555	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	13.000	75	756	0.466	ug/l	91
87) 1,2,4-Trichlorobenzene	13.843	180	7830	0.575	ug/l	99
88) Hexachlorobutadiene	14.016	225	4125	0.536	ug/l	97
89) Naphthalene	14.093	128	15019	0.625	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	7756	0.634	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

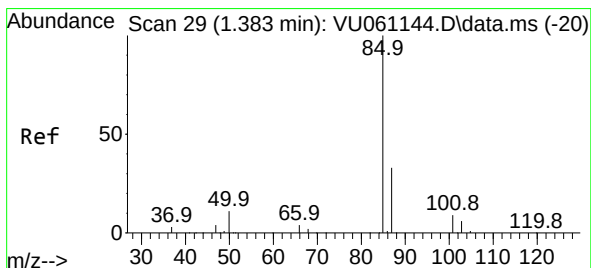
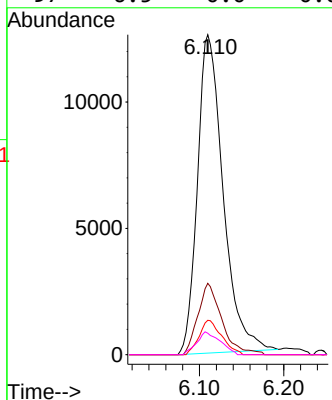
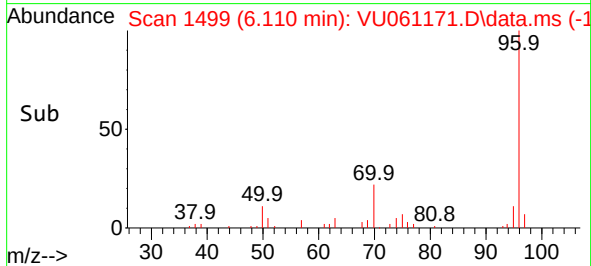


Tgt Ion: 96 Resp: 2674

Ion	Ratio	Lower	Upper
96	100		
70	20.8	16.1	24.1
95	9.5	0.0	0.0
97	6.5	0.0	0.0

Manual Integrations
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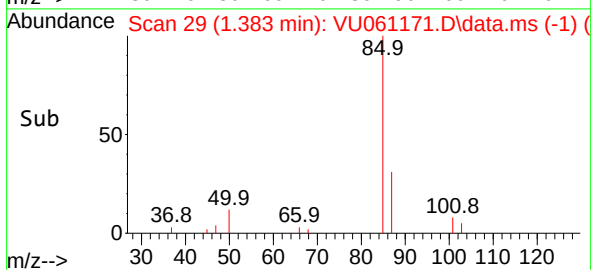
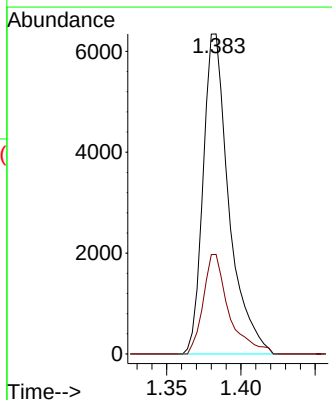
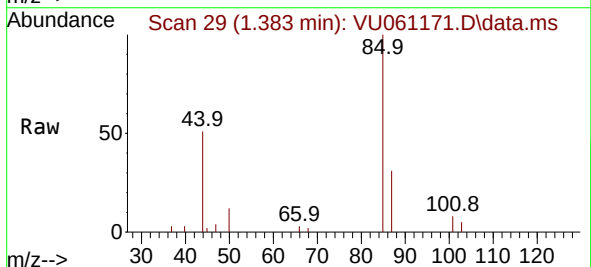
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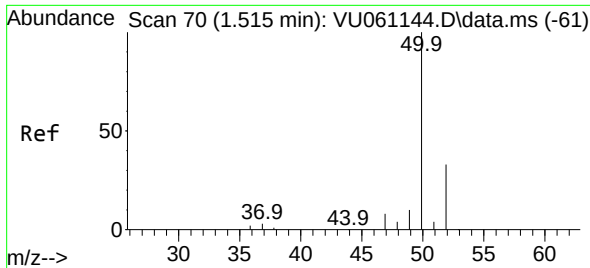


#2
Dichlorodifluoromethane
Concen: 0.520 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 85 Resp: 7659

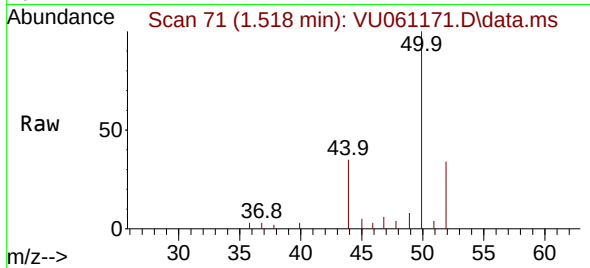
Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.3	48.9





#3
Chloromethane
Concen: 0.627 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

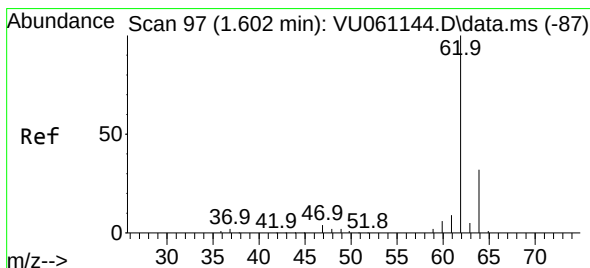
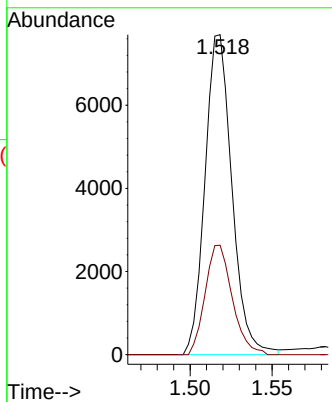
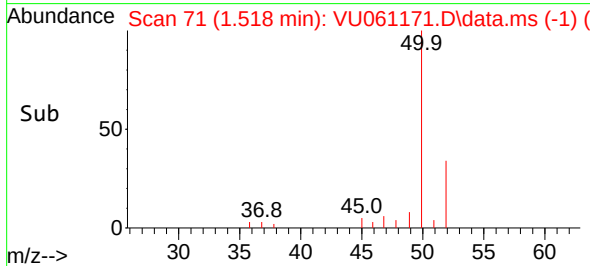
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



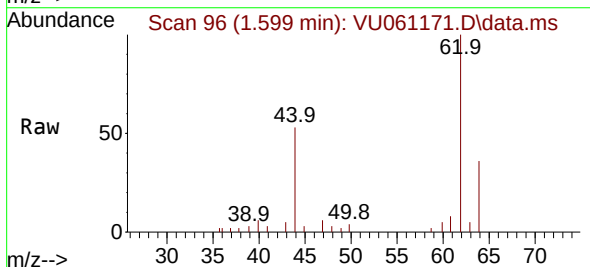
Tgt Ion: 50 Resp: 878
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.2

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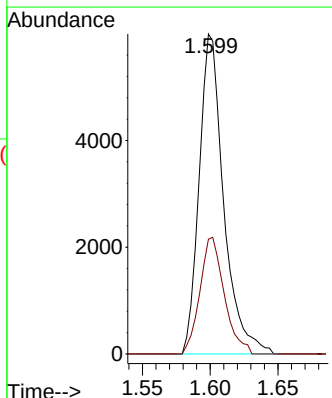
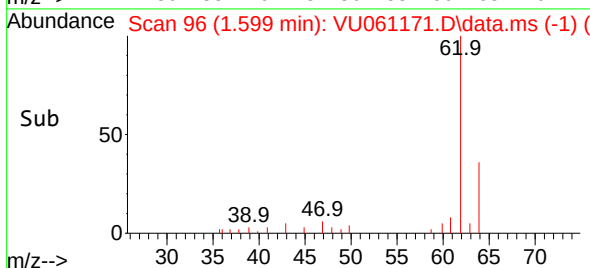
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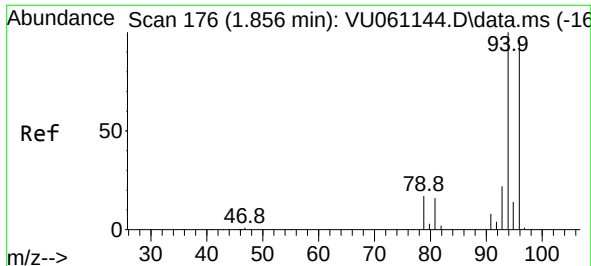


#4
Vinyl Chloride
Concen: 0.523 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53



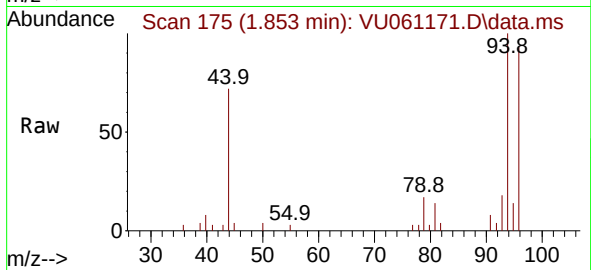
Tgt Ion: 62 Resp: 7531
Ion Ratio Lower Upper
62 100
64 35.8 25.9 38.9





#5
Bromomethane
Concen: 0.599 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

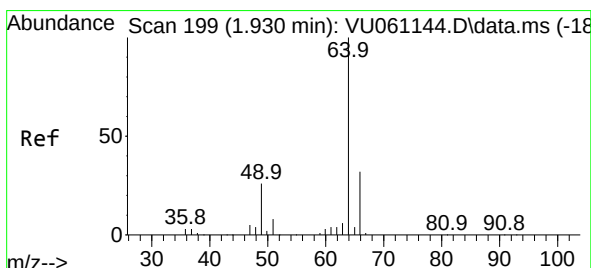
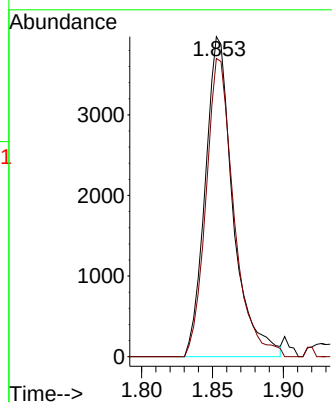
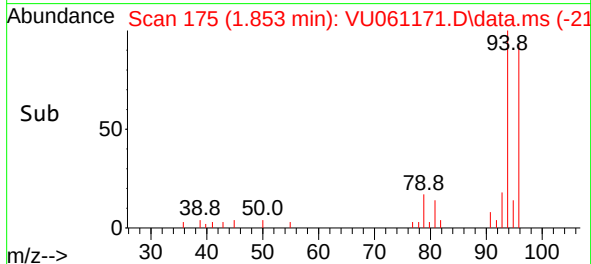
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 94 Resp: 542
Ion Ratio Lower Upper
94 100
96 93.2 76.5 114.7

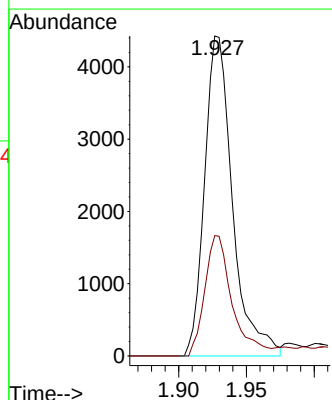
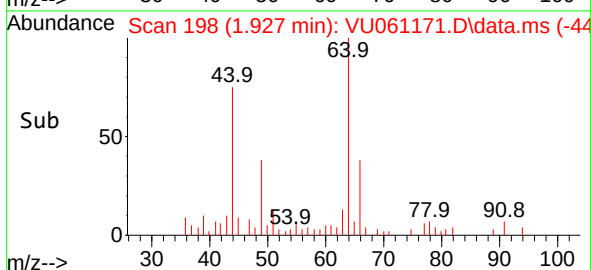
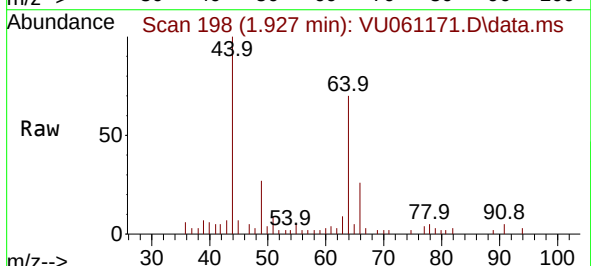
Manual Integrations
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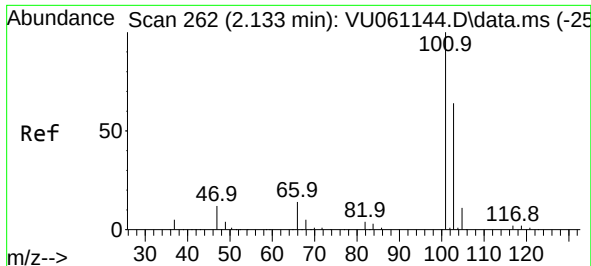
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#6
Chloroethane
Concen: 0.658 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

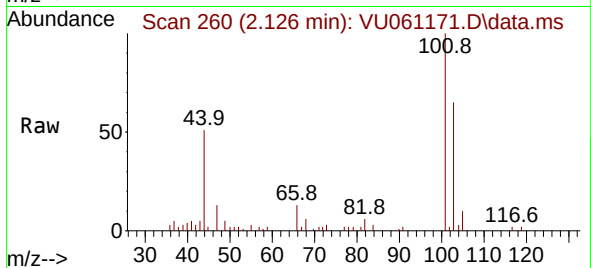
Tgt Ion: 64 Resp: 6344
Ion Ratio Lower Upper
64 100
66 37.6 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.590 ug/l
RT: 2.126 min Scan# 208
Delta R.T. -0.007 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

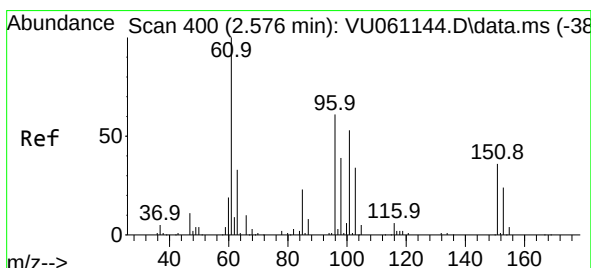
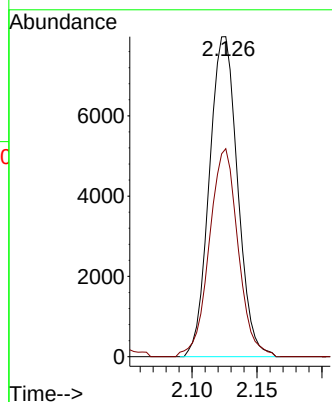
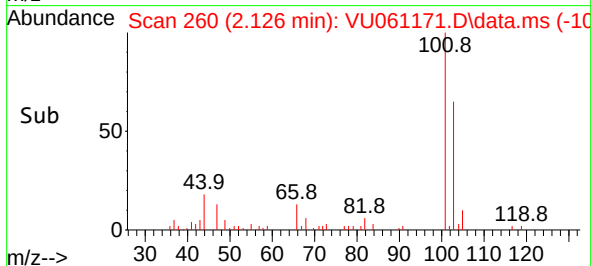
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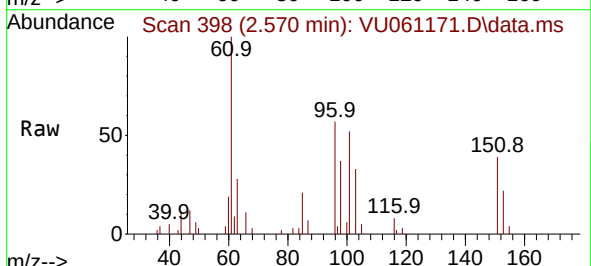
Tgt Ion:101 Resp: 12080
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

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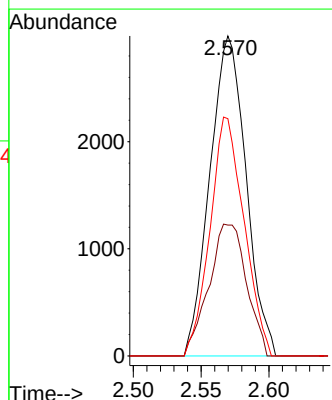
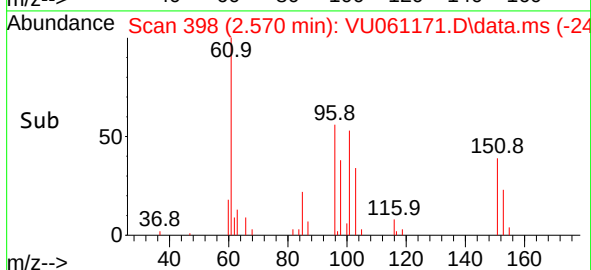
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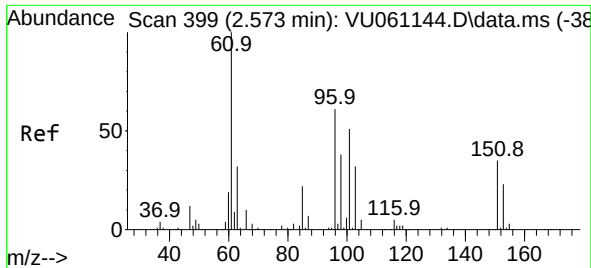


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.545 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53



Tgt Ion:101 Resp: 5543
Ion Ratio Lower Upper
101 100
85 42.8 35.8 53.8
151 70.2 56.2 84.4





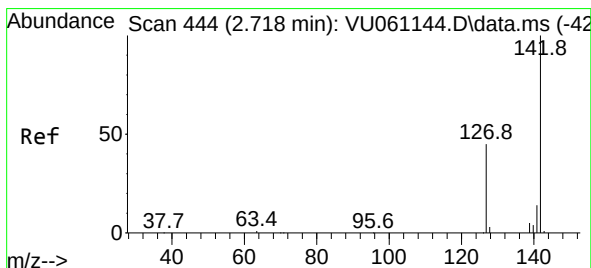
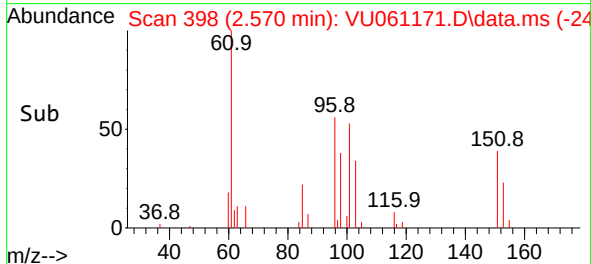
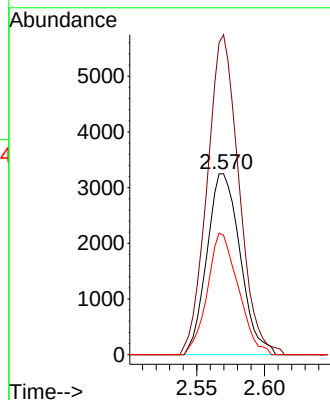
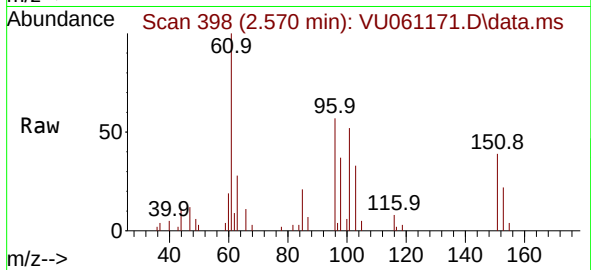
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1,1-Dichloroethene
Concen: 0.522 ug/l
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 96 Resp: 5539
Ion Ratio Lower Upper
96 100
61 176.7 0.0 494.4
98 65.9 0.0 124.4

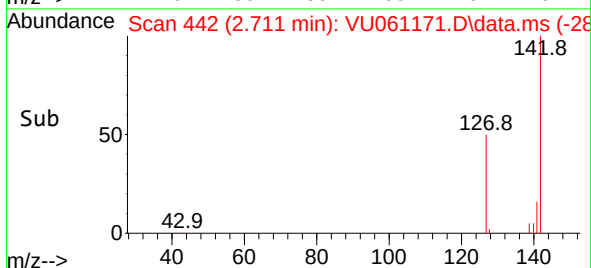
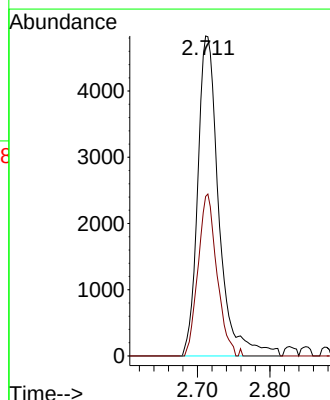
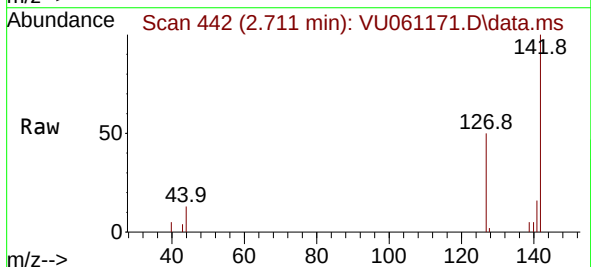
Manual Integrations
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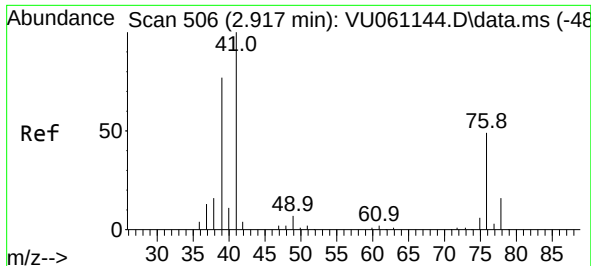
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#10
Iodomethane
Concen: 0.774 ug/l
RT: 2.711 min Scan# 442
Delta R.T. -0.007 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

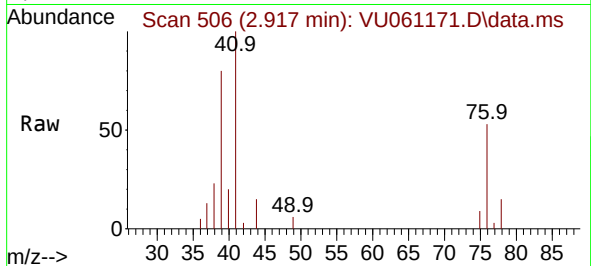
Tgt Ion:142 Resp: 9768
Ion Ratio Lower Upper
142 100
127 45.0 36.2 54.4





#11
 Allyl Chloride
 Concen: 0.490 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53

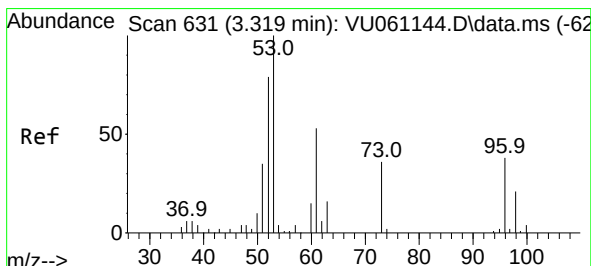
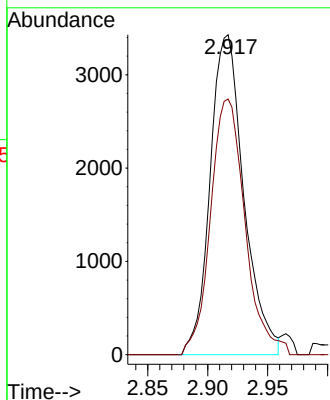
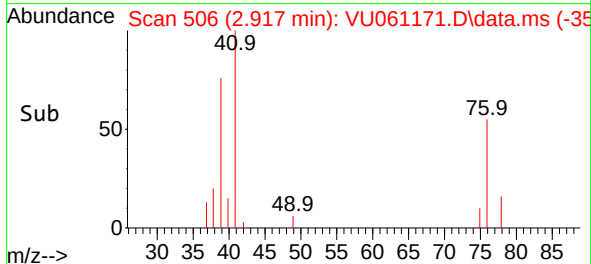
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion: 41 Resp: 670
 Ion Ratio Lower Upper
 41 100
 39 81.7 62.4 93.6

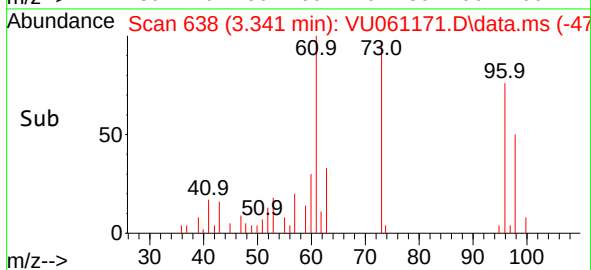
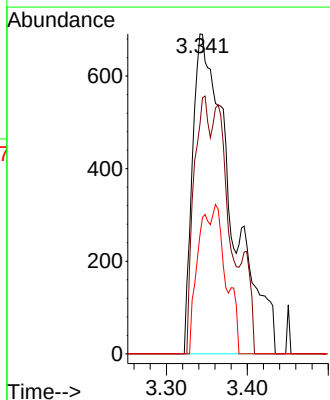
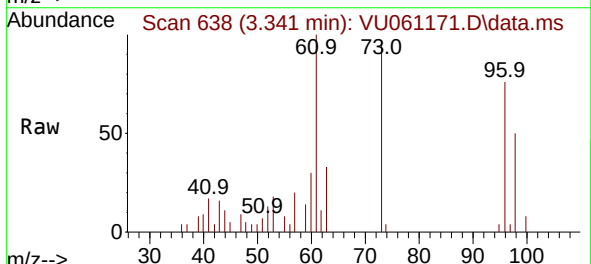
Manual Integrations
 APPROVED

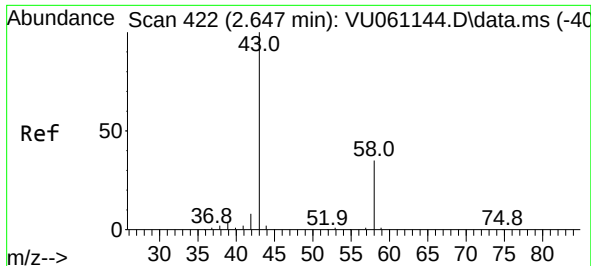
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#12
 Acrylonitrile
 Concen: 1.063 ug/l m
 RT: 3.341 min Scan# 638
 Delta R.T. 0.022 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53

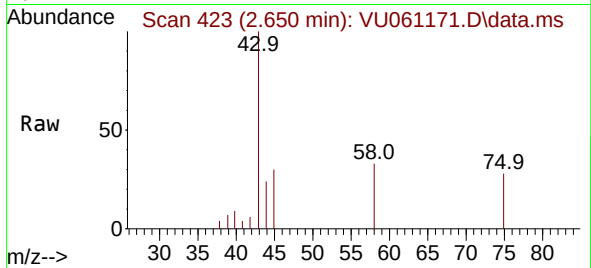
Tgt Ion: 53 Resp: 2269
 Ion Ratio Lower Upper
 53 100
 52 33.7 62.6 94.0#
 51 16.0 30.7 46.1#





#13
Acetone
Concen: 2.637 ug/l
RT: 2.650 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

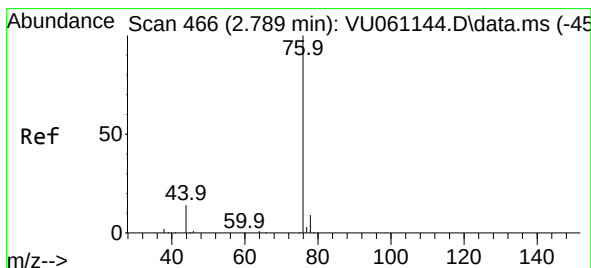
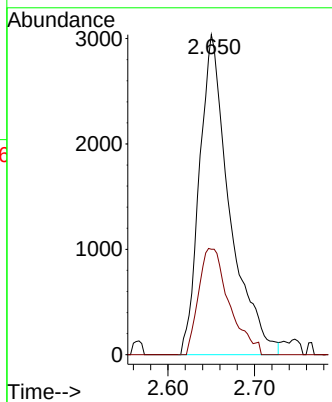
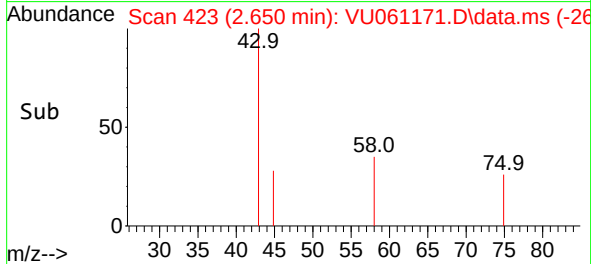
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 33.0 27.9 41.9

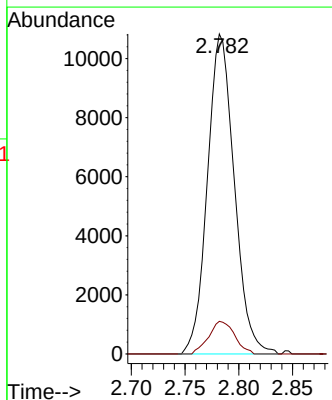
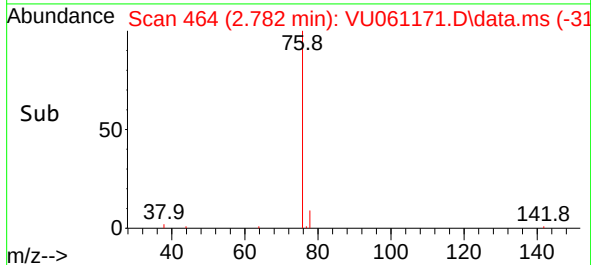
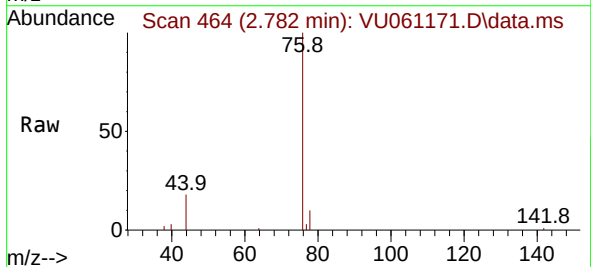
Manual Integrations
APPROVED

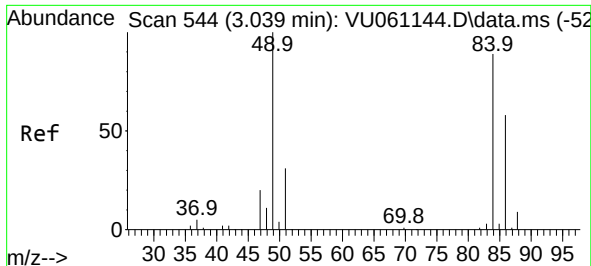
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#14
Carbon Disulfide
Concen: 0.515 ug/l
RT: 2.782 min Scan# 464
Delta R.T. -0.007 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

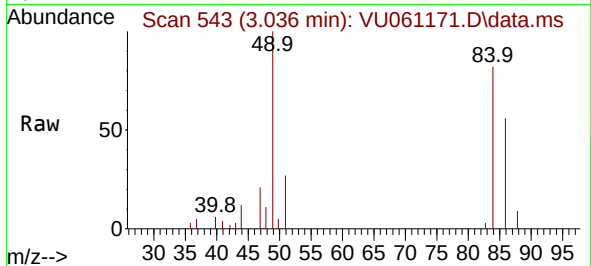
Tgt Ion: 76 Resp: 18846
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0





#15
Methylene Chloride
Concen: 0.524 ug/l
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

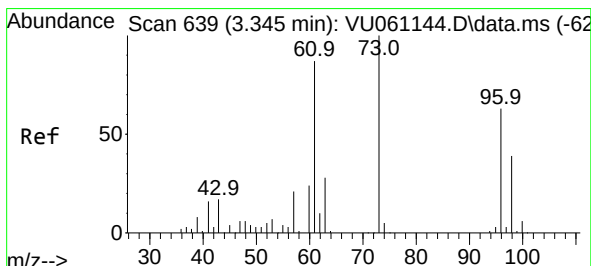
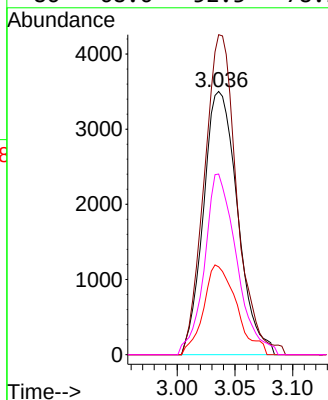
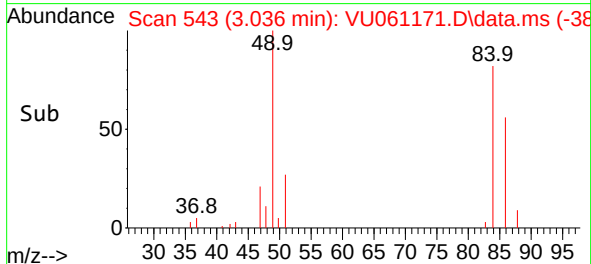
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 84 Resp: 7202
Ion Ratio Lower Upper
84 100
49 121.6 90.4 135.6
51 33.4 0.0 70.6
86 68.6 52.3 78.5

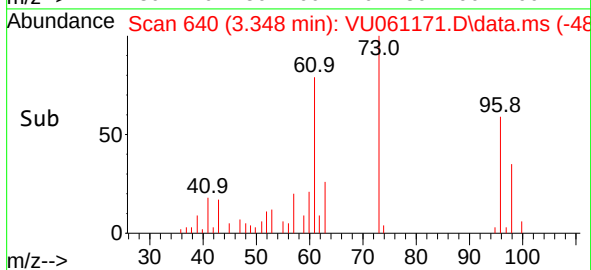
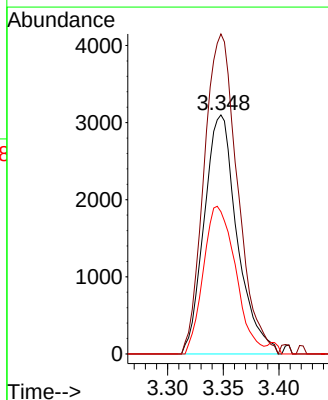
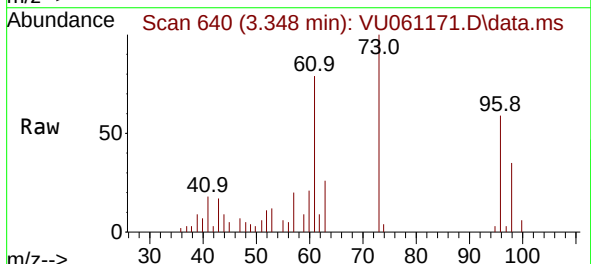
Manual Integrations
APPROVED

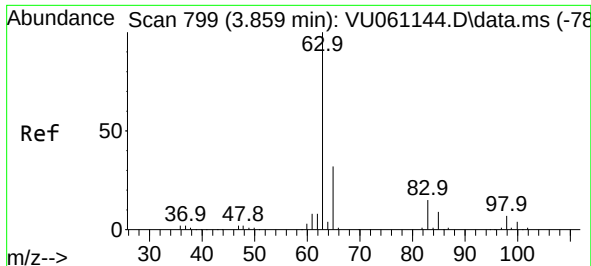
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#16
trans-1,2-Dichloroethene
Concen: 0.513 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 96 Resp: 6380
Ion Ratio Lower Upper
96 100
61 133.8 110.6 166.0
98 59.5 49.8 74.8





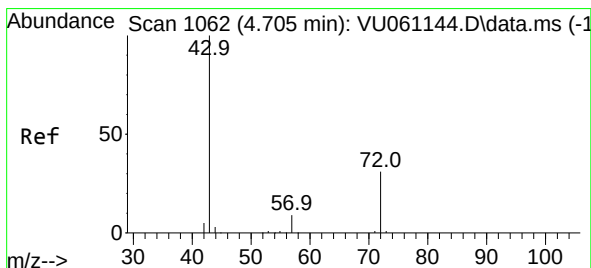
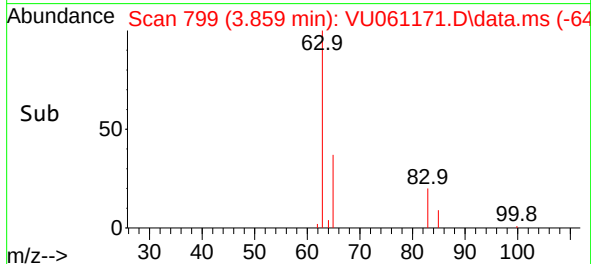
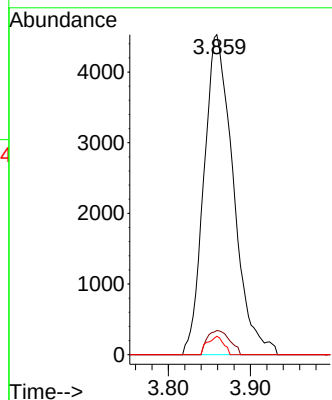
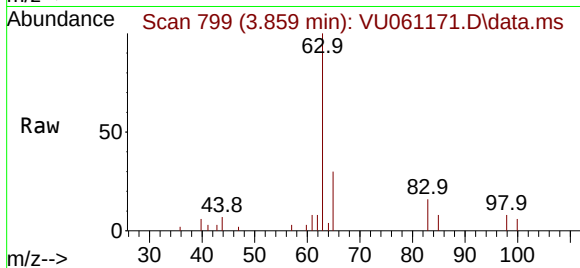
#17
1,1-Dichloroethane
Concen: 0.511 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 63 Resp: 1126
Ion Ratio Lower Upper
63 100
98 7.5 3.3 9.8
100 5.8 2.1 6.5

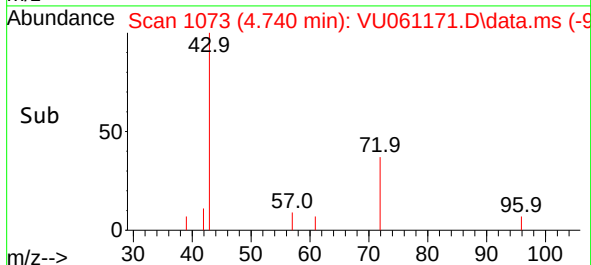
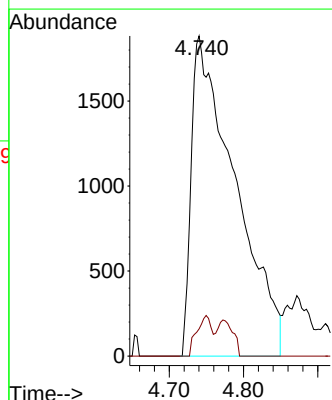
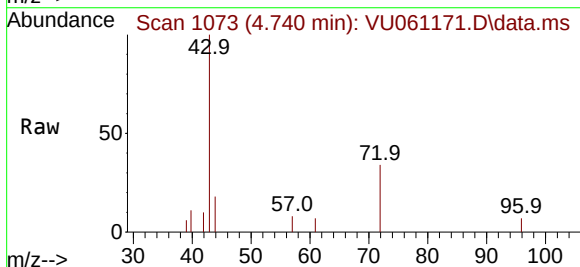
Manual Integrations
APPROVED

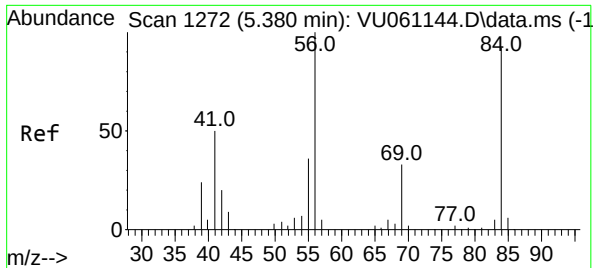
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#18
2-Butanone
Concen: 2.247 ug/l
RT: 4.740 min Scan# 1073
Delta R.T. 0.035 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 43 Resp: 7659
Ion Ratio Lower Upper
43 100
57 8.5 0.0 19.0





#19

Cyclohexane

Concen: 0.519 ug/l m

RT: 5.380 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

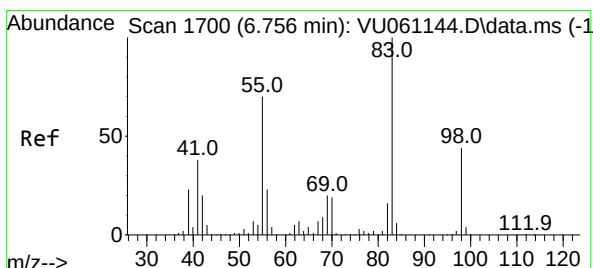
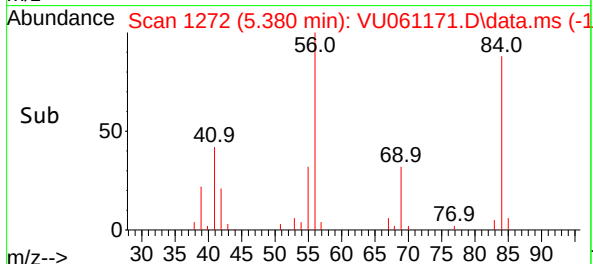
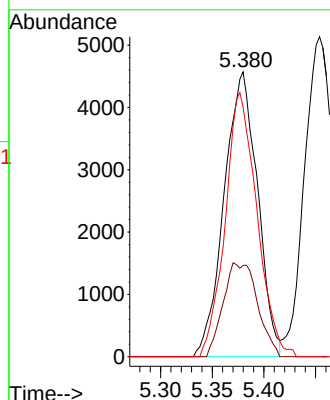
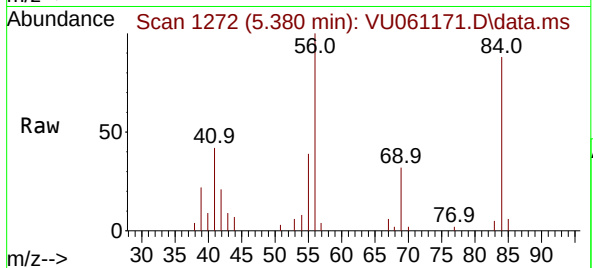
LOQ-WATER-02-QT4-2024

Tgt Ion:	56	Resp:	1025
Ion Ratio	Lower	Upper	
56	100		
69	17.3	26.2	39.4
84	88.2	72.7	109.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#20

Methylcyclohexane

Concen: 0.499 ug/l

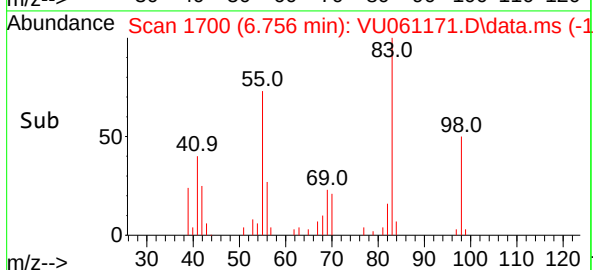
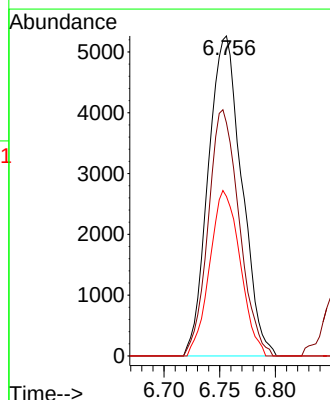
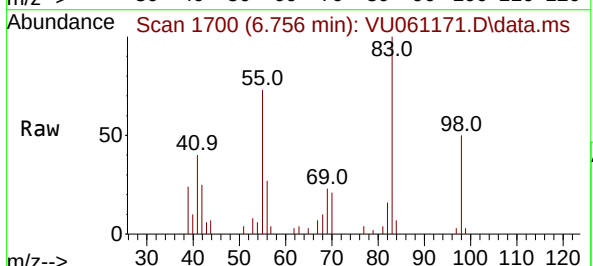
RT: 6.756 min Scan# 1700

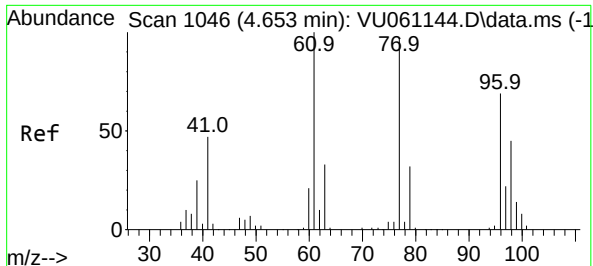
Delta R.T. -0.000 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Tgt Ion:	83	Resp:	10994
Ion Ratio	Lower	Upper	
83	100		
55	71.4	55.5	83.3
98	47.2	35.8	53.6





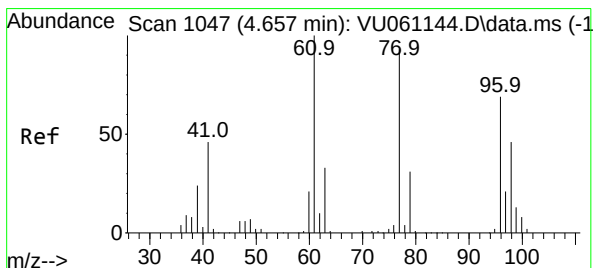
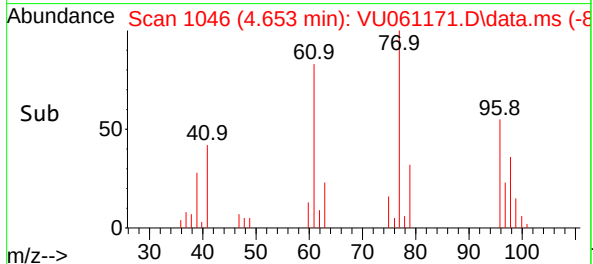
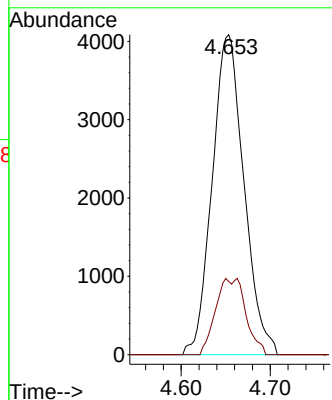
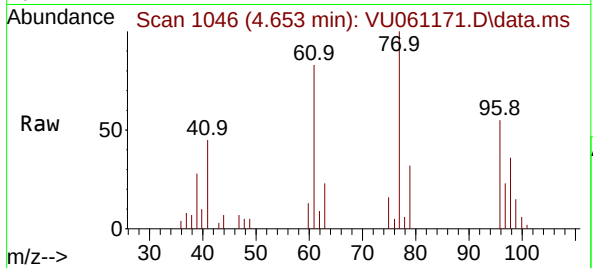
#21
2,2-Dichloropropane
Concen: 0.497 ug/l
RT: 4.653 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 77 Resp: 1011
Ion Ratio Lower Upper
77 100
97 12.5 18.3 27.5

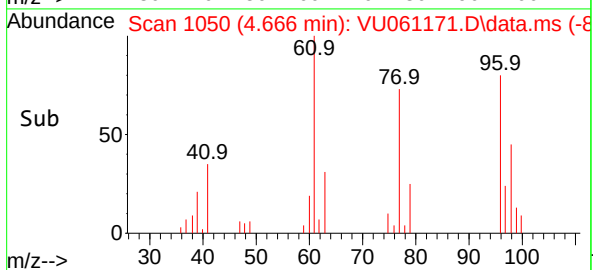
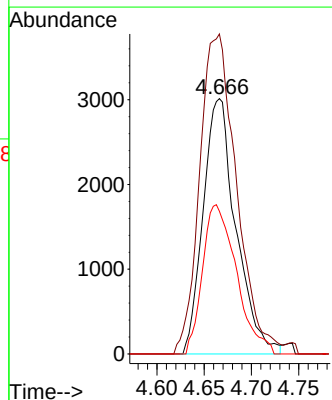
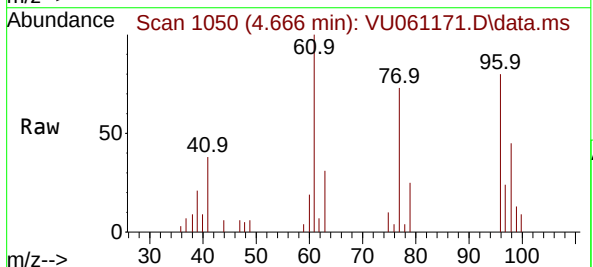
Manual Integrations
APPROVED

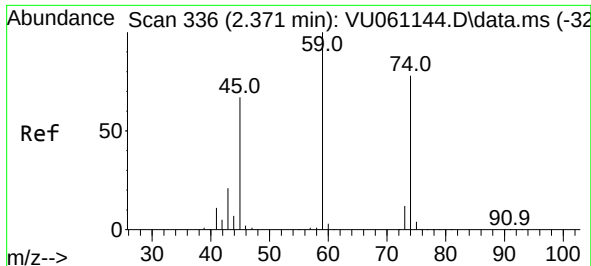
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#22
cis-1,2-Dichloroethene
Concen: 0.536 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

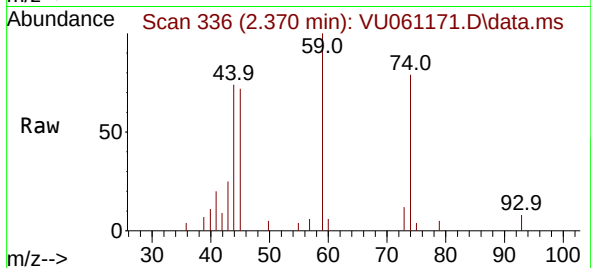
Tgt Ion: 96 Resp: 7272
Ion Ratio Lower Upper
96 100
61 141.0 0.0 364.8
98 60.4 32.1 96.3





#23
Diethyl Ether
Concen: 0.520 ug/l
RT: 2.370 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

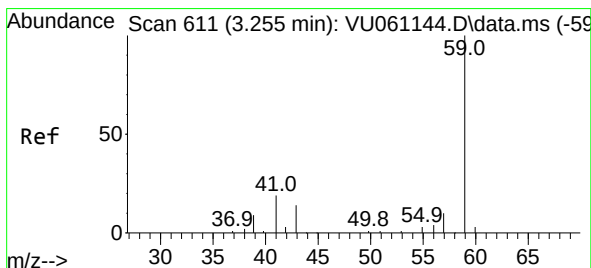
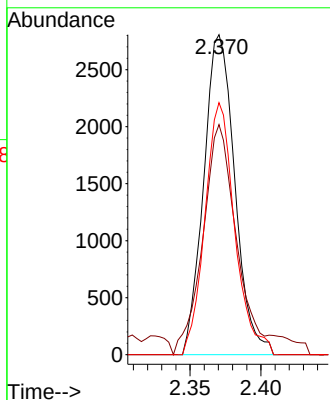
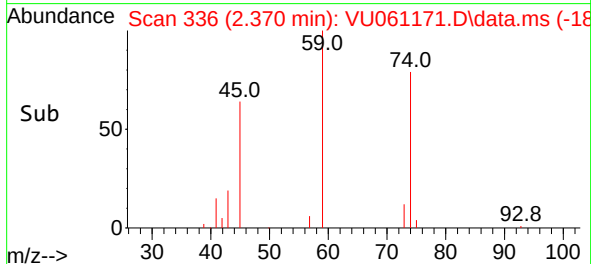
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2024



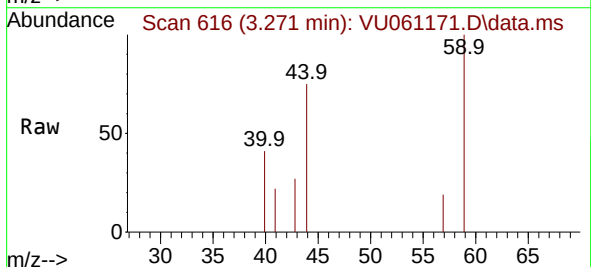
Tgt Ion: 59 Resp: 4288
Ion Ratio Lower Upper
59 100
45 82.1 52.0 78.0
74 75.5 62.2 93.2

Manual Integrations
APPROVED

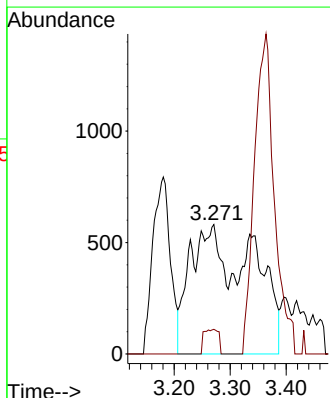
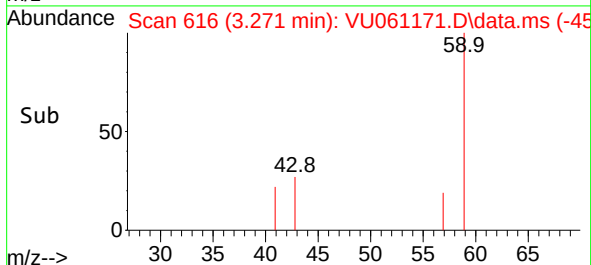
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

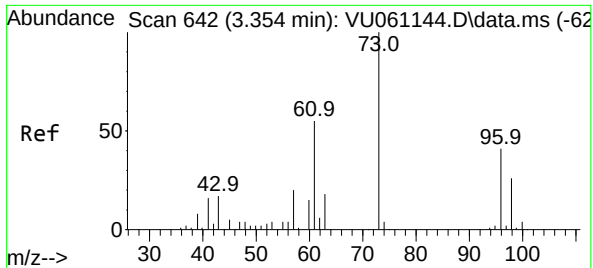


#24
tert-Butyl Alcohol
Concen: 5.082 ug/l m
RT: 3.271 min Scan# 616
Delta R.T. 0.016 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53



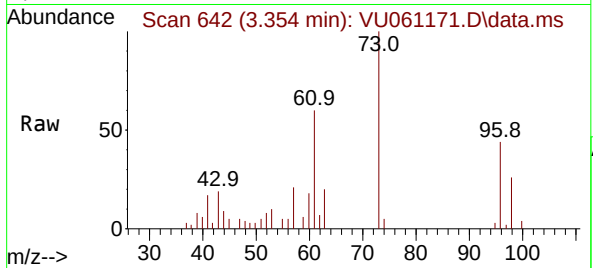
Tgt Ion: 59 Resp: 4372
Ion Ratio Lower Upper
59 100
57 4.6 3.2 4.8





#25
Methyl tert-Butyl Ether
Concen: 0.520 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

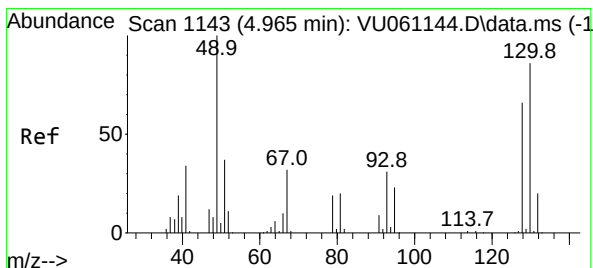
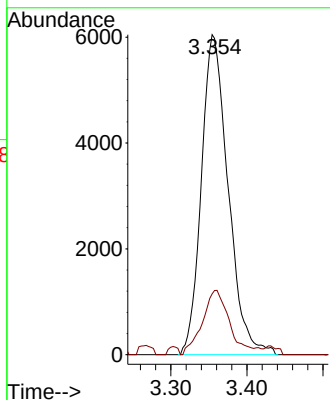
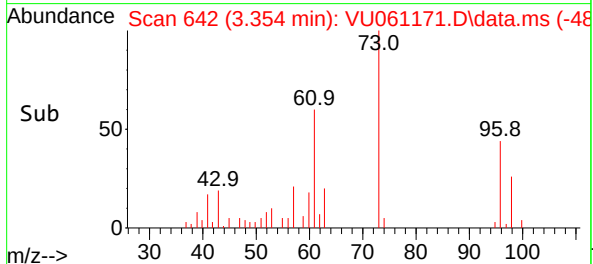
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2024



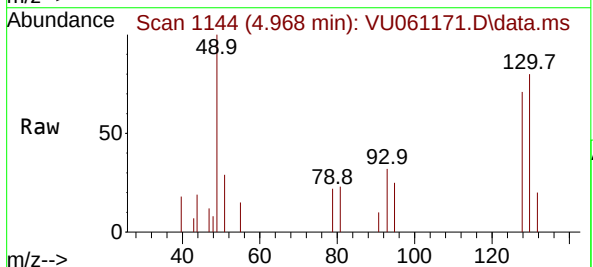
Tgt Ion: 73 Resp: 14788
Ion Ratio Lower Upper
73 100
43 20.2 14.7 22.1

Manual Integrations
APPROVED

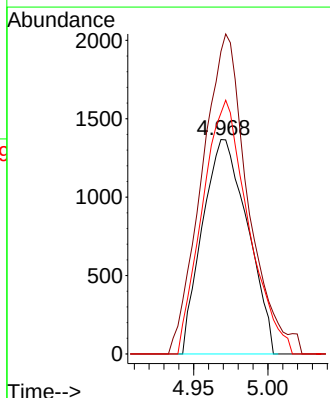
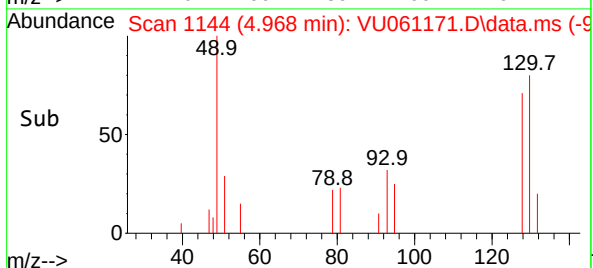
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

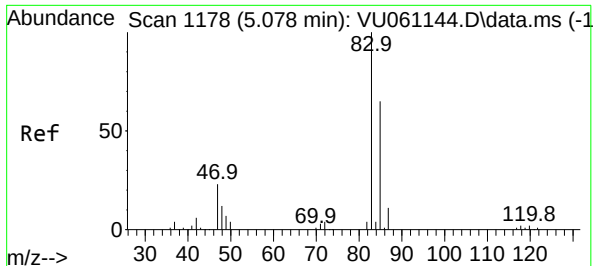


#26
Bromochloromethane
Concen: 0.509 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53



Tgt Ion:128 Resp: 2885
Ion Ratio Lower Upper
128 100
49 152.7 0.0 308.8
130 120.5 105.3 157.9





#27

Chloroform

Concen: 0.529 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

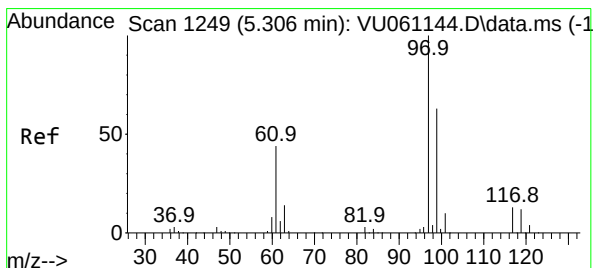
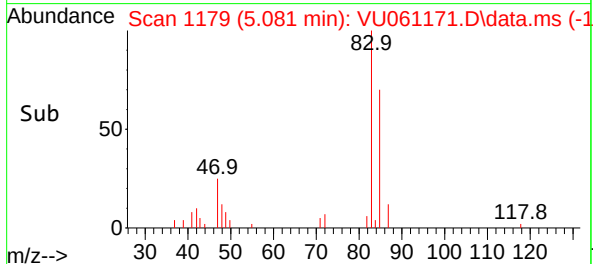
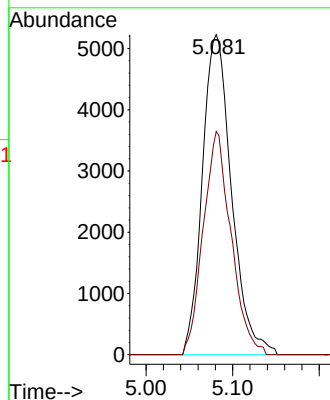
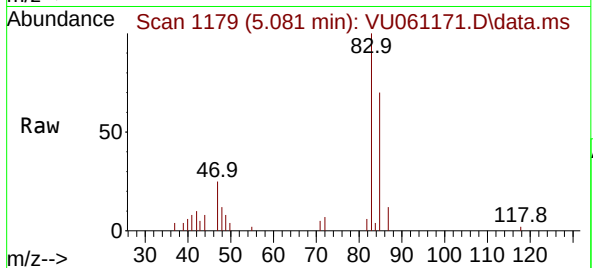
LOQ-WATER-02-QT4-2024

Tgt Ion: 83 Resp: 12244
 Ion Ratio Lower Upper
 83 100
 85 69.8 0.0 129.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#28

1,1,1-Trichloroethane

Concen: 0.506 ug/l

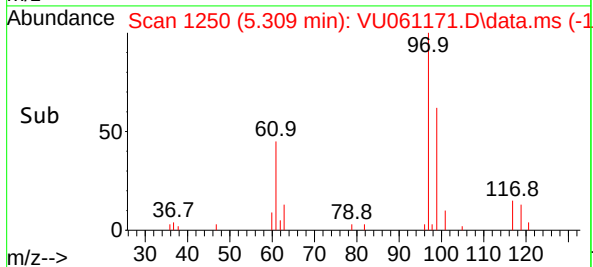
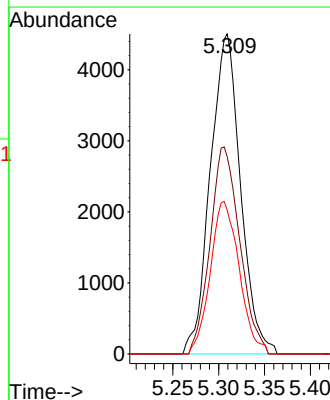
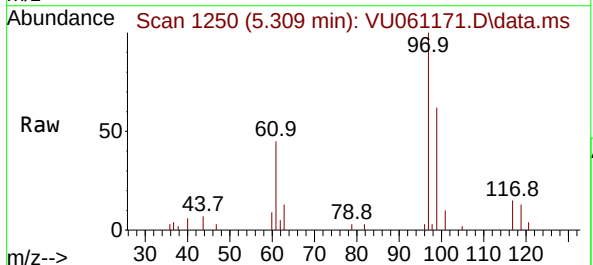
RT: 5.309 min Scan# 1250

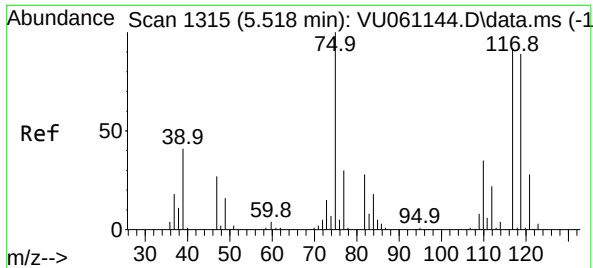
Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Tgt Ion: 97 Resp: 10326
 Ion Ratio Lower Upper
 97 100
 99 63.5 31.9 95.5
 61 45.7 22.1 66.1





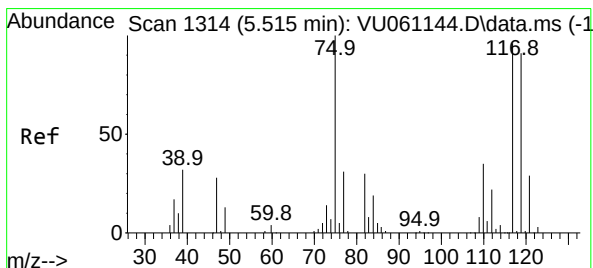
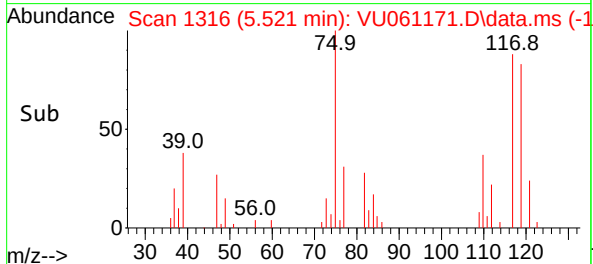
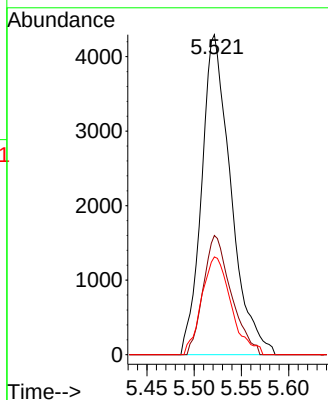
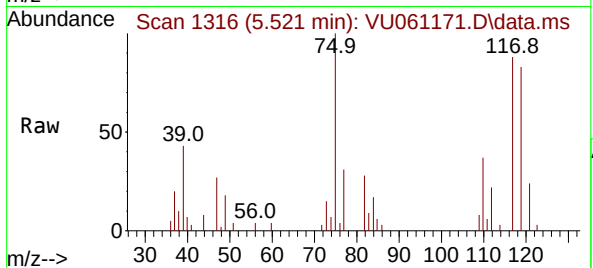
#29
1,1-Dichloropropene
Concen: 0.512 ug/l
RT: 5.521 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 75 Resp: 9234
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.3
77 30.8 24.6 37.0

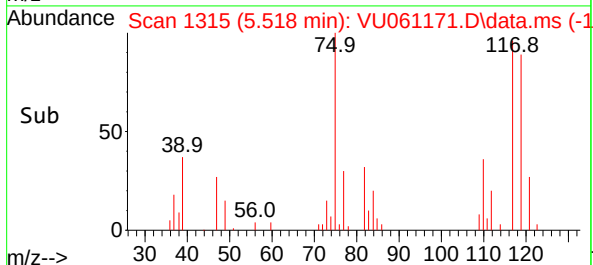
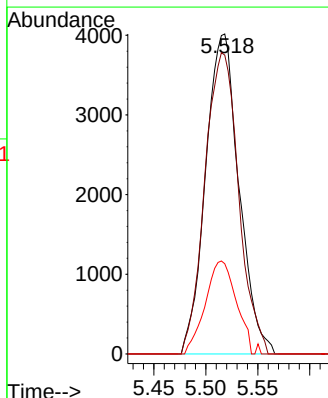
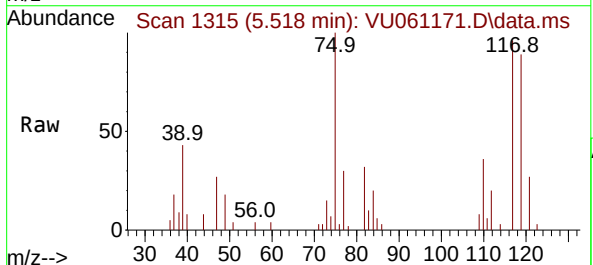
Manual Integrations
APPROVED

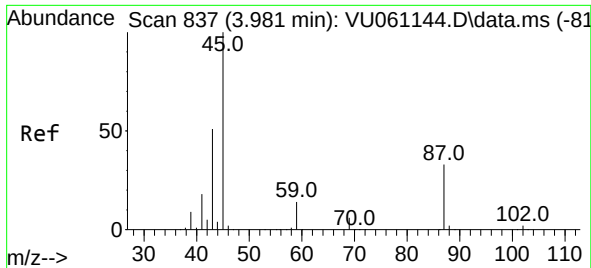
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#30
Carbon Tetrachloride
Concen: 0.506 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion:117 Resp: 8959
Ion Ratio Lower Upper
117 100
119 93.4 76.4 114.6
121 28.2 24.1 36.1





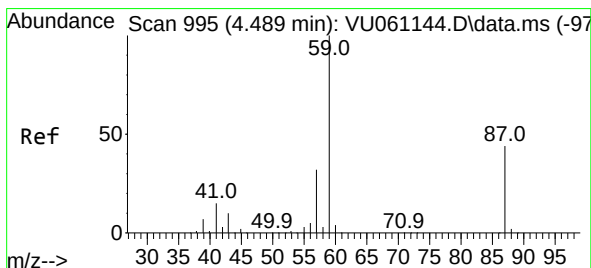
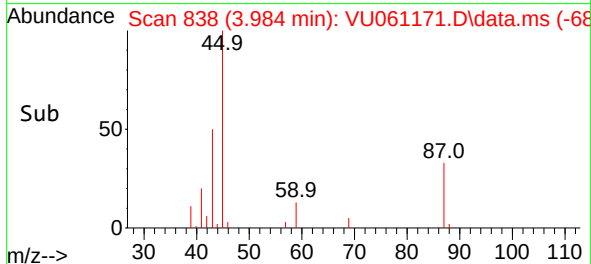
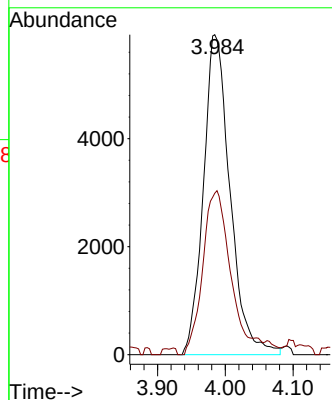
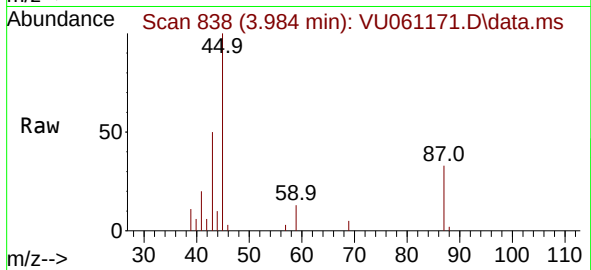
#31
Isopropyl Ether
Concen: 0.514 ug/l
RT: 3.984 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 45 Resp: 1618
Ion Ratio Lower Upper
45 100
43 53.8 25.7 77.0

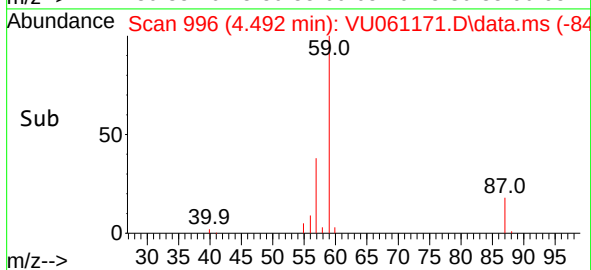
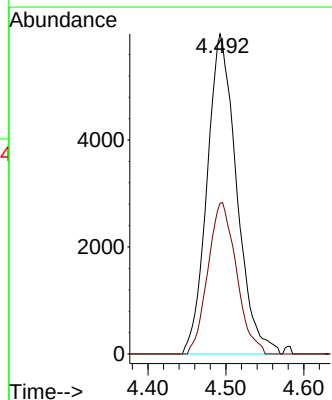
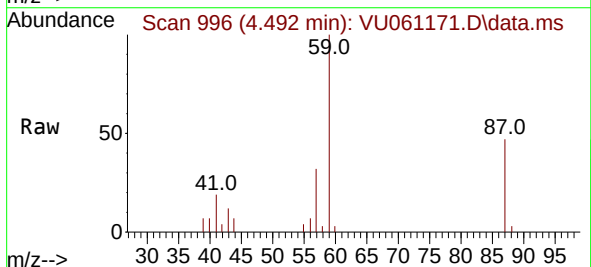
Manual Integrations
APPROVED

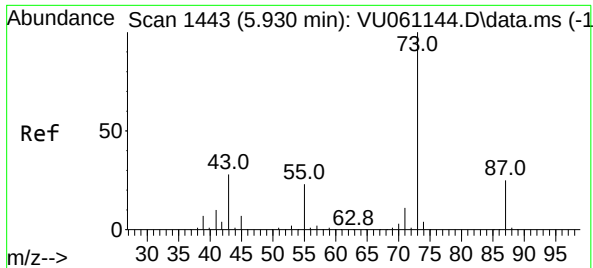
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#32
Ethyl-t-butyl ether
Concen: 0.487 ug/l
RT: 4.492 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

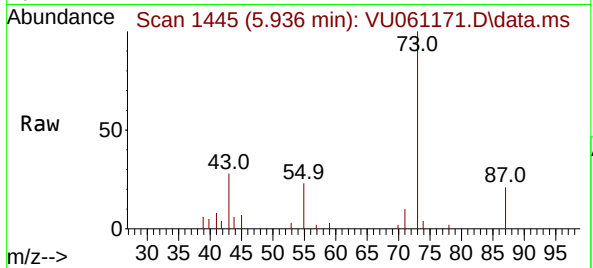
Tgt Ion: 59 Resp: 15767
Ion Ratio Lower Upper
59 100
87 45.6 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 0.518 ug/l
RT: 5.936 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

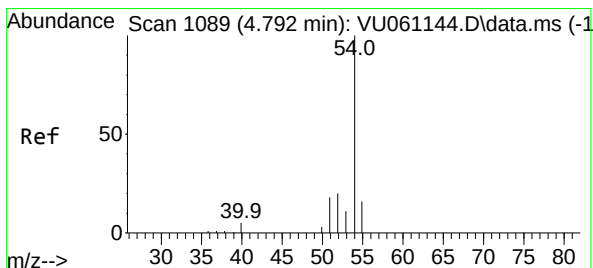
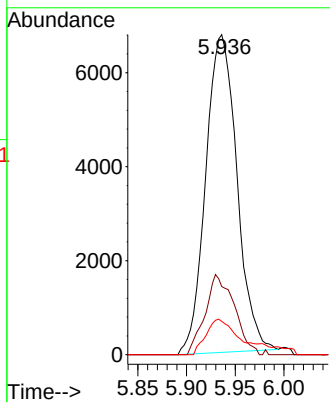
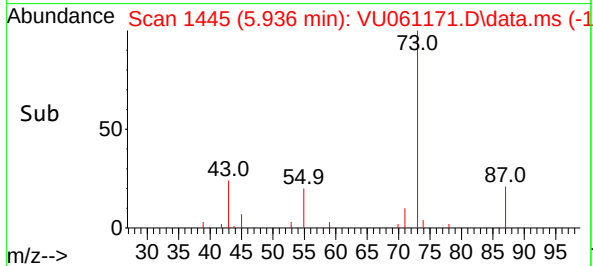
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 73 Resp: 1508
Ion Ratio Lower Upper
73 100
87 23.6 19.8 29.8
71 10.0 8.6 12.8

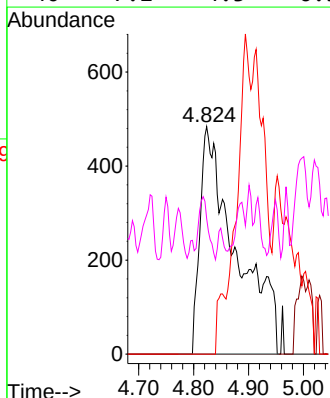
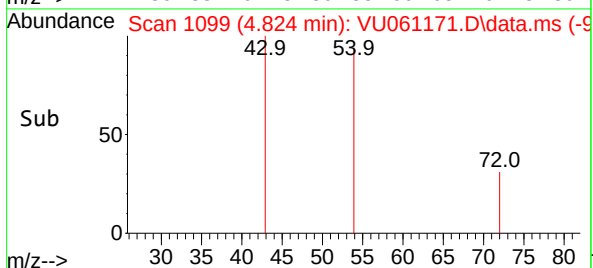
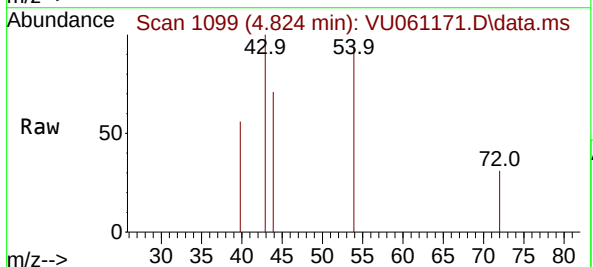
Manual Integrations
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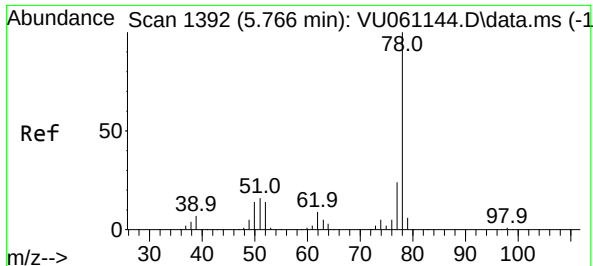
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#34
Propionitrile
Concen: 2.688 ug/l m
RT: 4.824 min Scan# 1099
Delta R.T. 0.032 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 54 Resp: 2186
Ion Ratio Lower Upper
54 100
52 0.0 15.3 22.9#
55 0.0 9.7 14.5#
40 7.2 4.3 6.5#





#35

Benzene

Concen: 0.515 ug/l

RT: 5.769 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 78 Resp: 2616

Ion Ratio Lower Upper

78 100

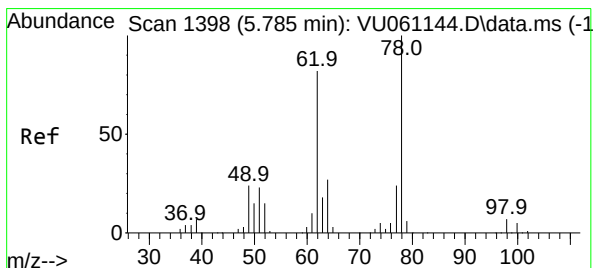
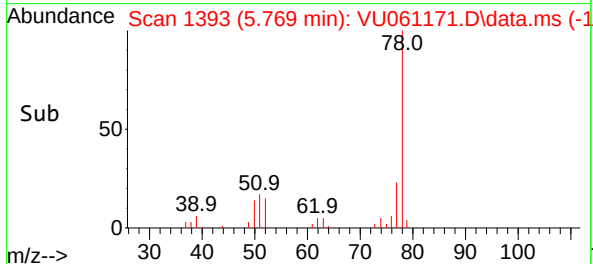
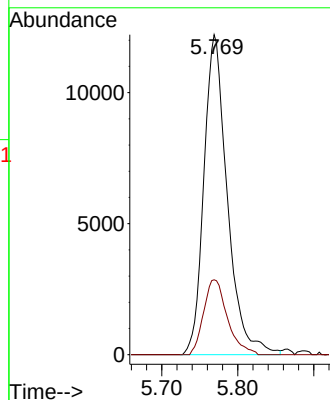
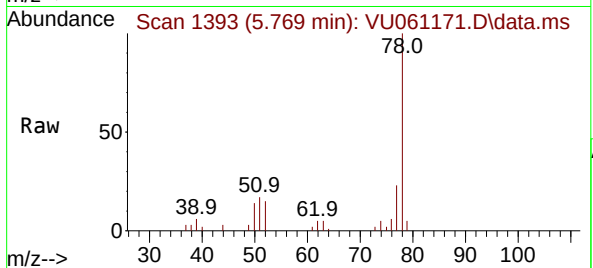
77 23.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#36

1,2-Dichloroethane

Concen: 0.523 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.009 min

Lab File: VU061171.D

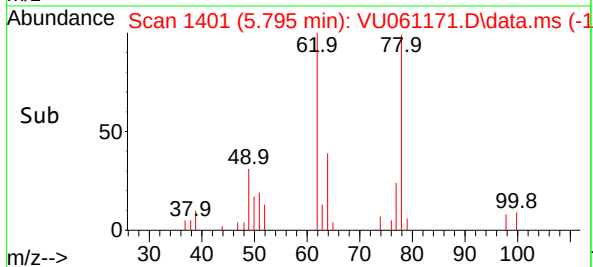
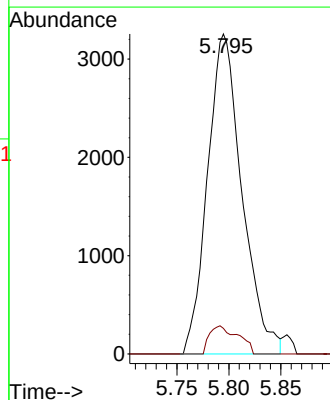
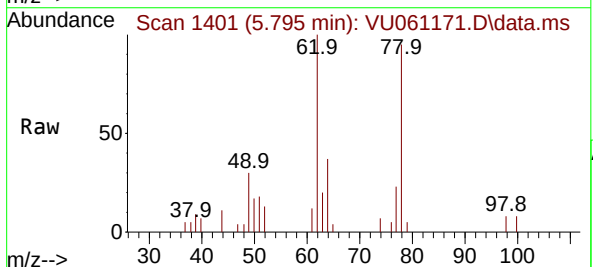
Acq: 21 Oct 2024 14:53

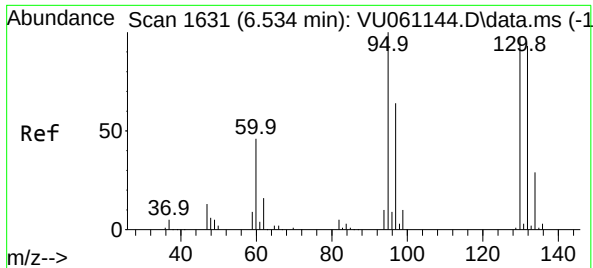
Tgt Ion: 62 Resp: 7501

Ion Ratio Lower Upper

62 100

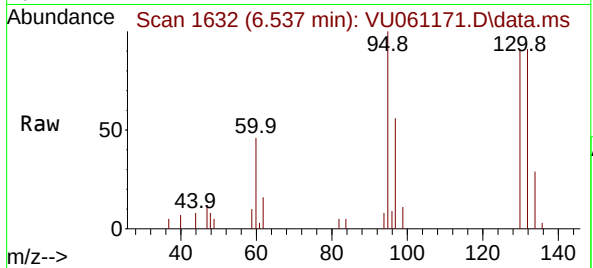
98 7.3 7.0 10.4





#37
Trichloroethene
Concen: 0.504 ug/l
RT: 6.537 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

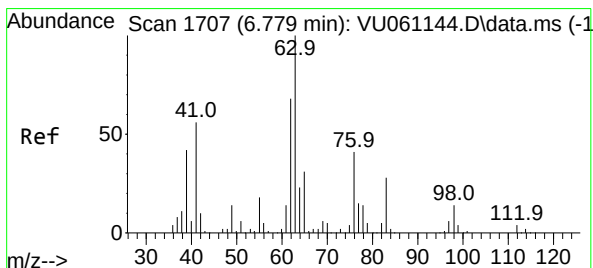
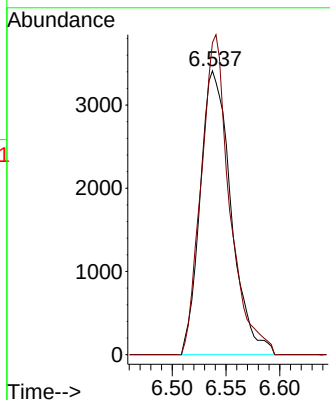
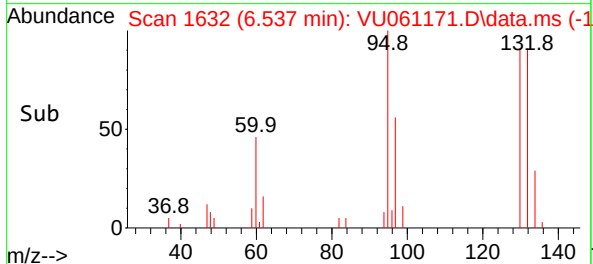
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:130 Resp: 683
Ion Ratio Lower Upper
130 100
95 109.9 82.6 123.8

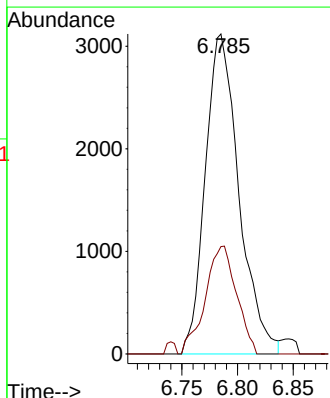
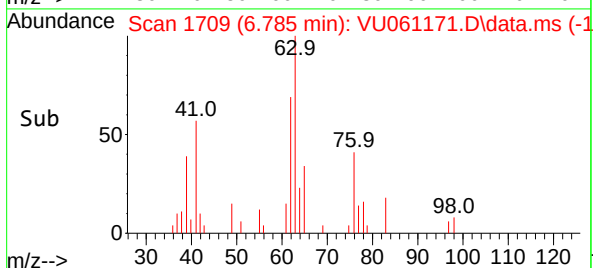
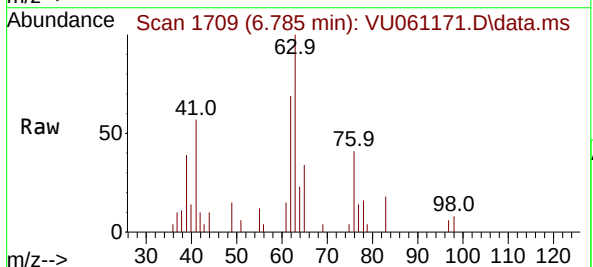
Manual Integrations
APPROVED

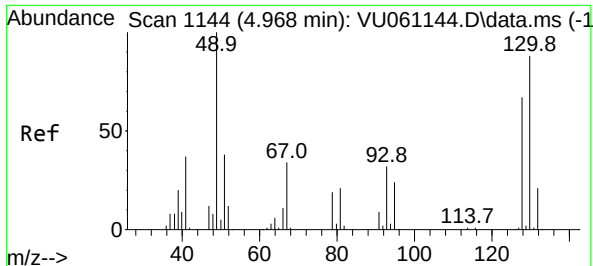
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#38
1,2-Dichloropropane
Concen: 0.510 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.006 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 63 Resp: 6559
Ion Ratio Lower Upper
63 100
65 33.6 25.0 37.6





#39

Methacrylonitrile

Concen: 0.524 ug/l m

RT: 4.997 min Scan# 1153

Delta R.T. 0.029 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

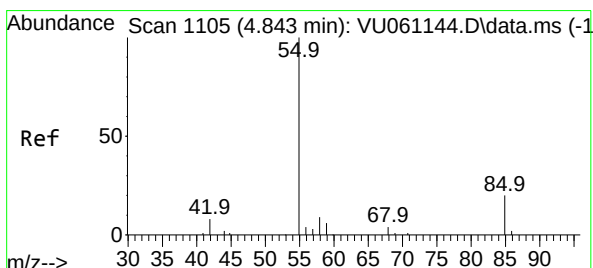
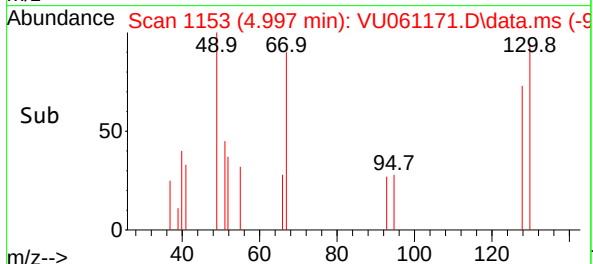
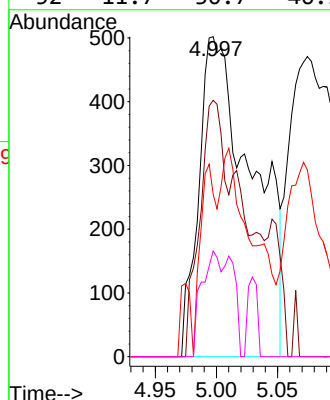
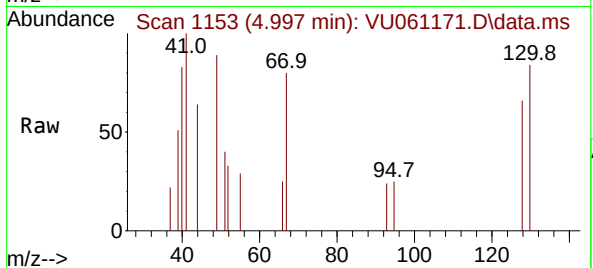
LOQ-WATER-02-QT4-2024

Tgt Ion: 41	Resp: 1534
Ion Ratio	Lower Upper
41	100
67	38.5 78.1 117.1#
39	17.7 44.6 67.0#
52	11.7 30.7 46.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#40

Methyl acrylate

Concen: 0.561 ug/l m

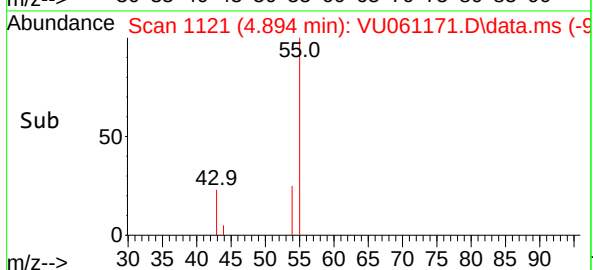
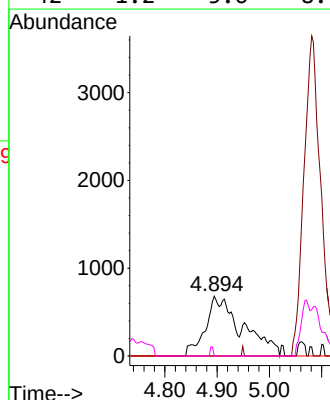
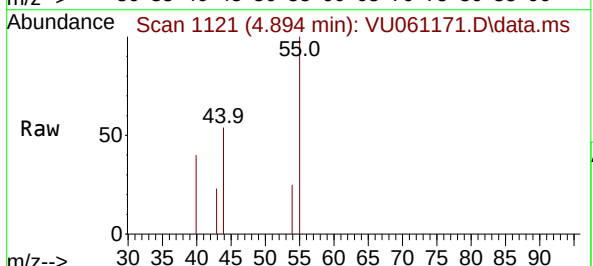
RT: 4.894 min Scan# 1121

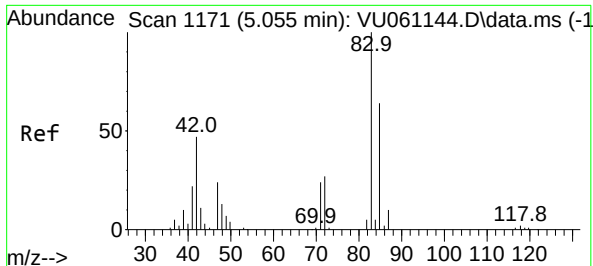
Delta R.T. 0.051 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Tgt Ion: 55	Resp: 3332
Ion Ratio	Lower Upper
55	100
85	0.0 14.1 21.1#
58	0.0 6.9 10.3#
42	1.2 5.6 8.4#





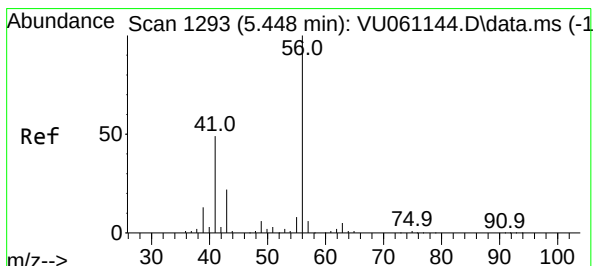
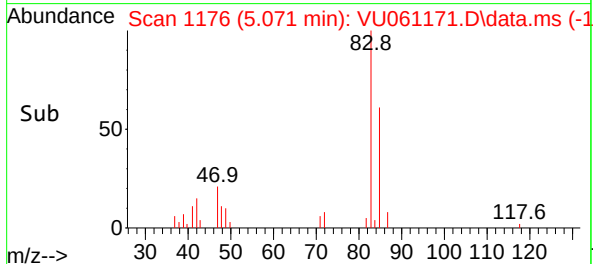
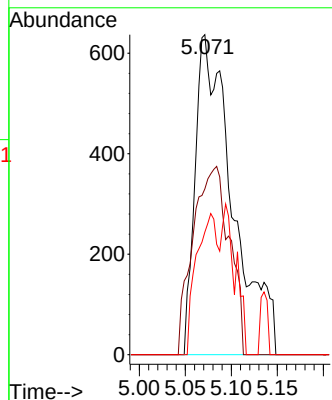
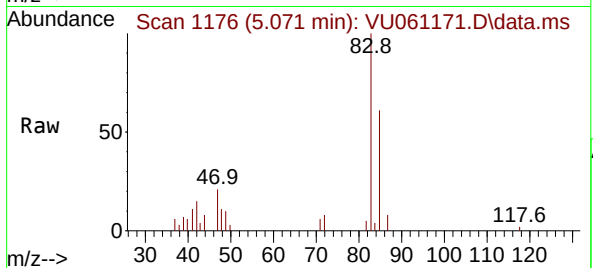
#41
Tetrahydrofuran
Concen: 1.025 ug/l m
RT: 5.071 min Scan# 1176
Delta R.T. 0.016 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 42 Resp: 180
Ion Ratio Lower Upper
42 100
72 57.2 47.8 71.8
71 25.6 41.5 62.3

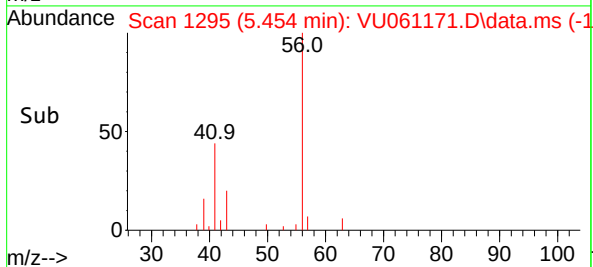
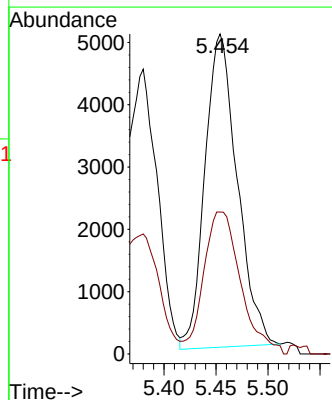
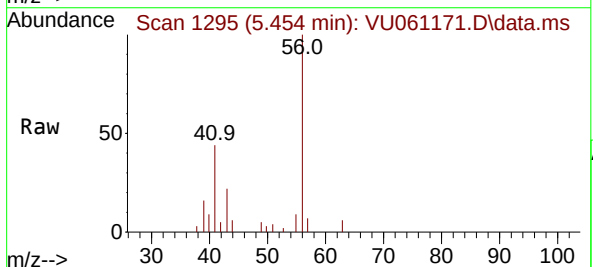
Manual Integrations
APPROVED

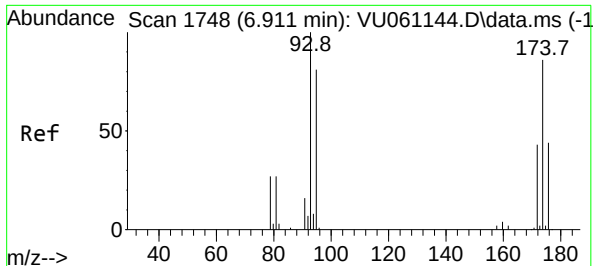
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#42
1-Chlorobutane
Concen: 0.470 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 56 Resp: 10875
Ion Ratio Lower Upper
56 100
41 51.8 23.9 71.7





#43

Dibromomethane

Concen: 0.508 ug/l

RT: 6.917 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU061171.D

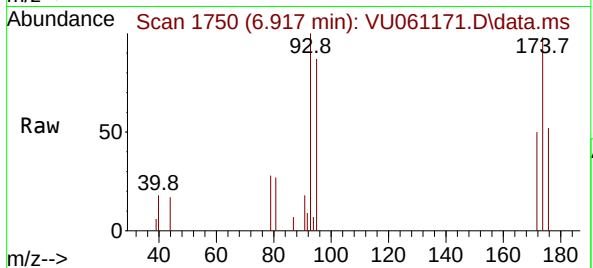
Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024



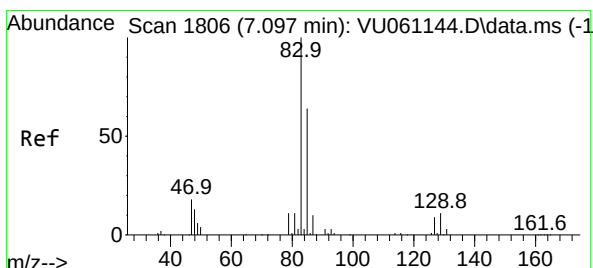
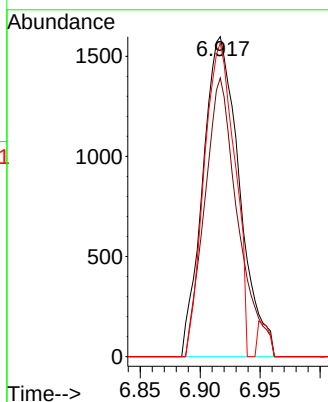
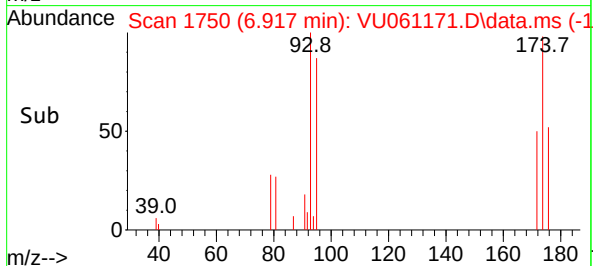
Tgt Ion:	93	Resp:	3384
Ion	Ratio	Lower	Upper
93	100		
95	79.0	67.5	101.3
174	82.4	71.2	106.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#44

Bromodichloromethane

Concen: 0.499 ug/l

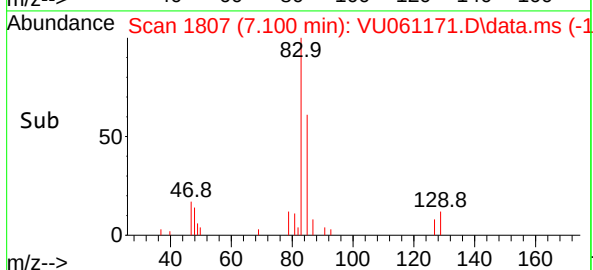
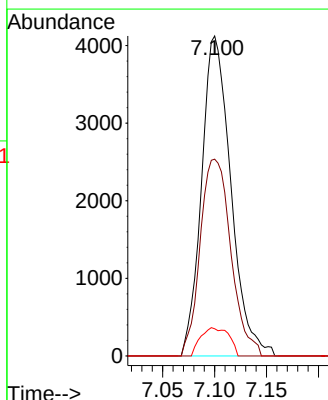
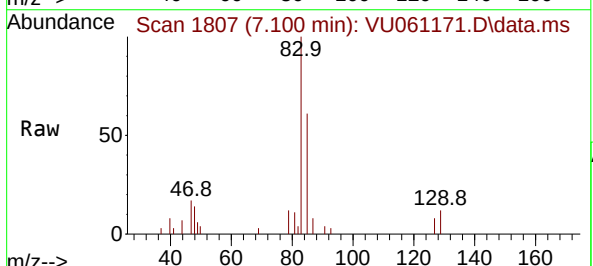
RT: 7.100 min Scan# 1807

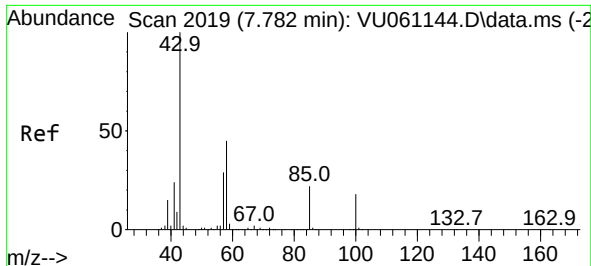
Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

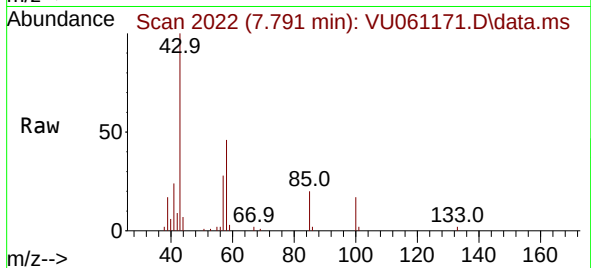
Tgt Ion:	83	Resp:	8092
Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.4	77.2
127	8.5	7.4	11.2





#45
4-Methyl-2-Pentanone
Concen: 2.609 ug/l
RT: 7.791 min Scan# 2019
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

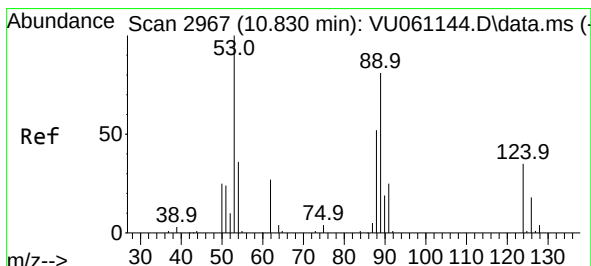
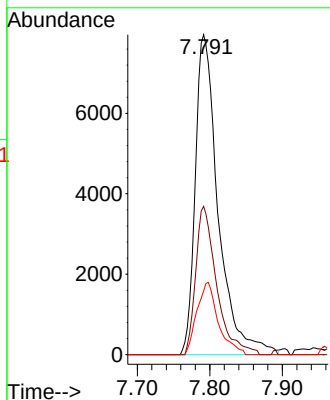
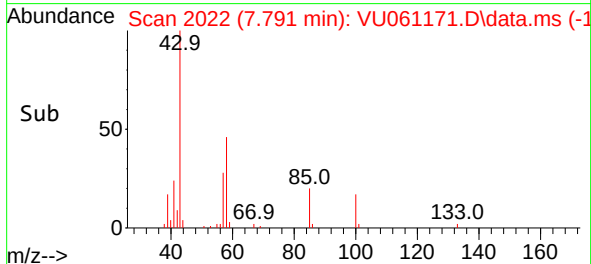
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
58 42.2 22.2 66.6
85 21.1 17.2 25.8

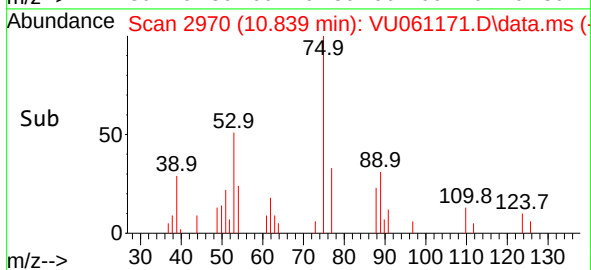
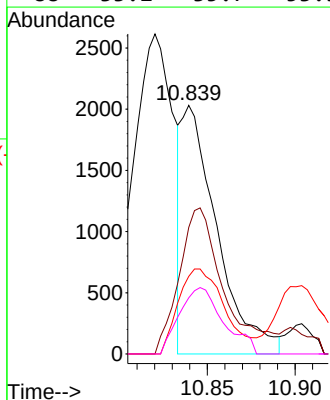
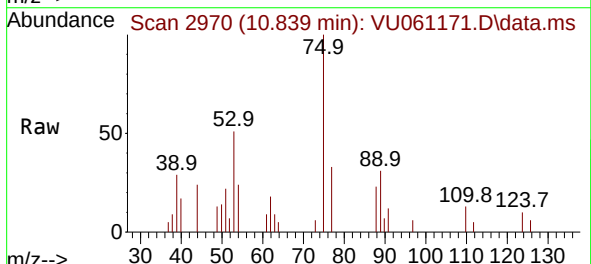
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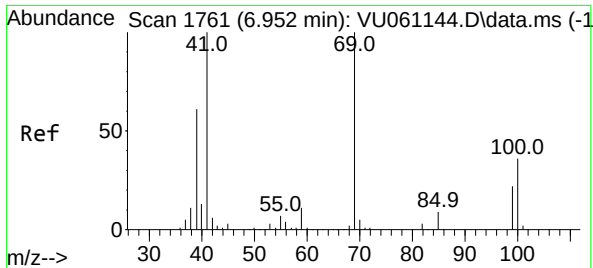
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#46
t-1,4-Dichloro-2-butene
Concen: 1.066 ug/l m
RT: 10.839 min Scan# 2970
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 75 Resp: 2844
Ion Ratio Lower Upper
75 100
53 75.1 66.0 99.0
89 45.3 48.0 72.0#
88 33.2 35.7 53.5#





#47

Methyl methacrylate

Concen: 0.928 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.013 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

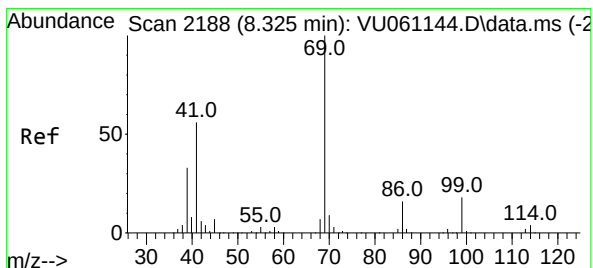
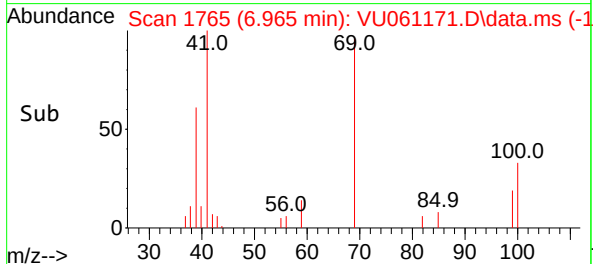
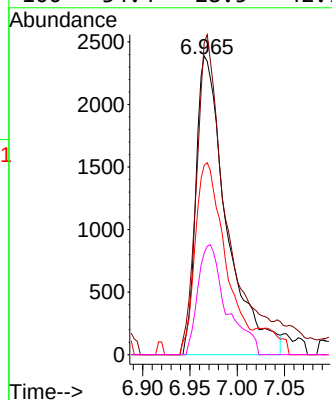
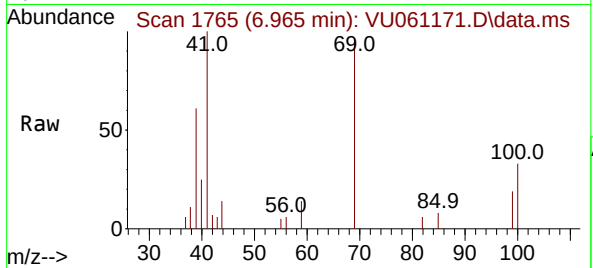
LOQ-WATER-02-QT4-2024

Tgt Ion:	69	Resp:	537
Ion	Ratio	Lower	Upper
69	100		
41	114.4	0.0	196.0
39	63.4	48.0	72.0
100	34.4	28.5	42.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#48

Ethyl methacrylate

Concen: 0.473 ug/l

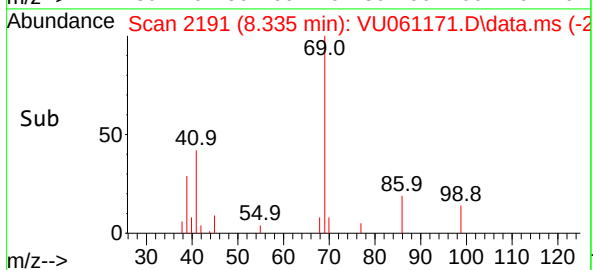
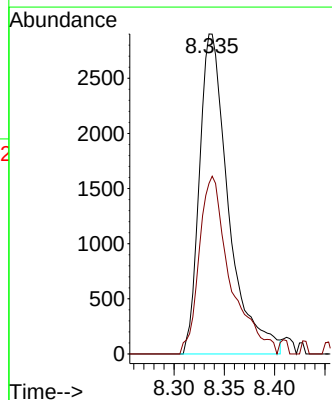
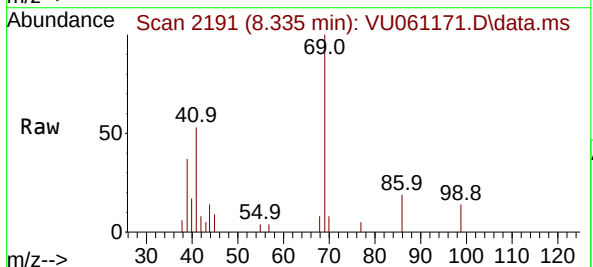
RT: 8.335 min Scan# 2191

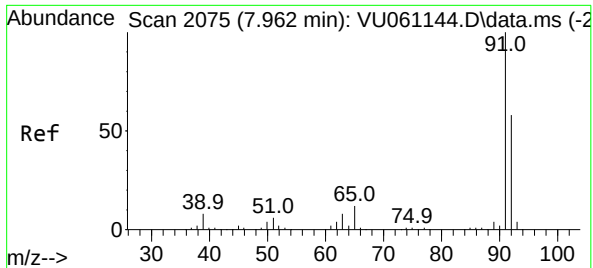
Delta R.T. 0.009 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Tgt Ion:	69	Resp:	5841
Ion	Ratio	Lower	Upper
69	100		
41	58.9	28.1	84.3





#49

Toluene

Concen: 0.535 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 92 Resp: 1716

Ion Ratio Lower Upper

92 100

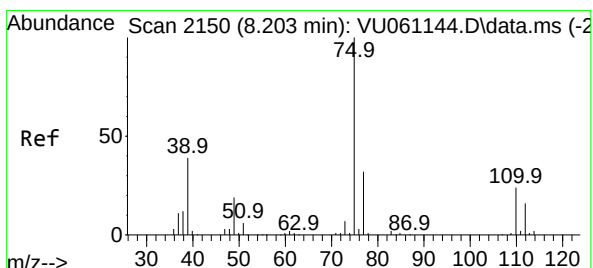
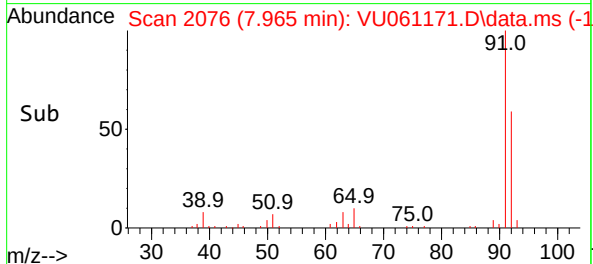
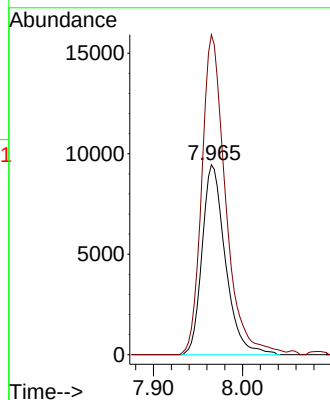
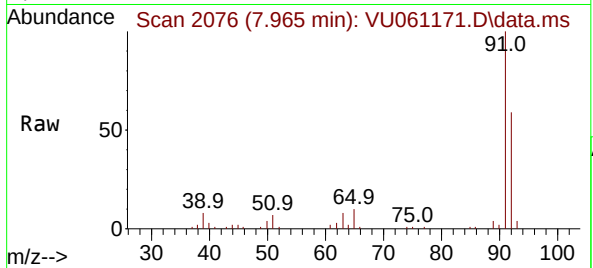
91 172.6 139.1 208.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#50

t-1,3-Dichloropropene

Concen: 0.473 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.009 min

Lab File: VU061171.D

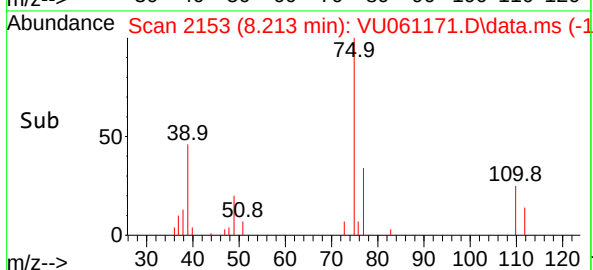
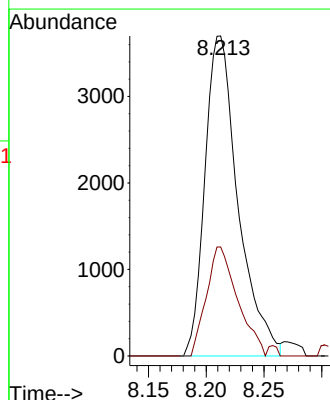
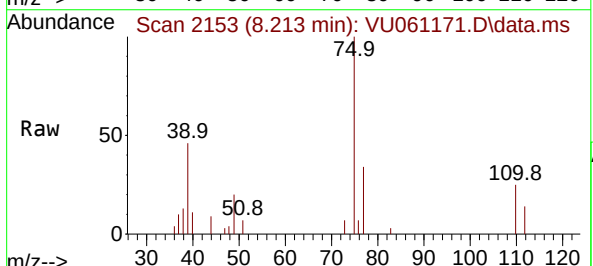
Acq: 21 Oct 2024 14:53

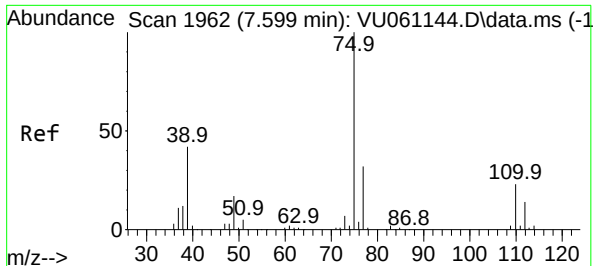
Tgt Ion: 75 Resp: 7387

Ion Ratio Lower Upper

75 100

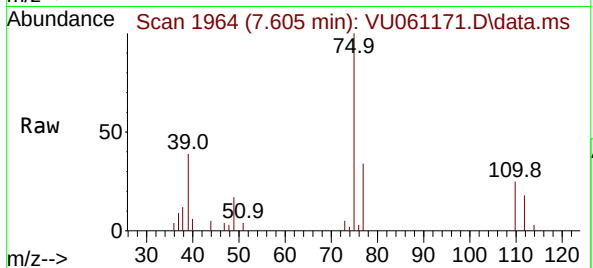
77 34.1 25.9 38.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.508 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53

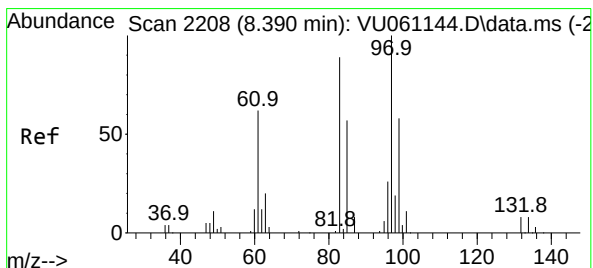
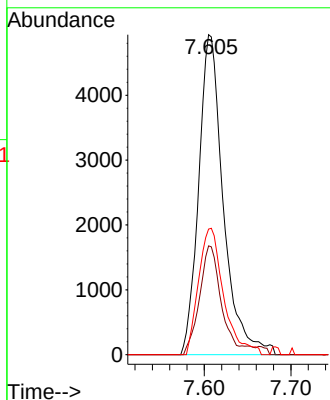
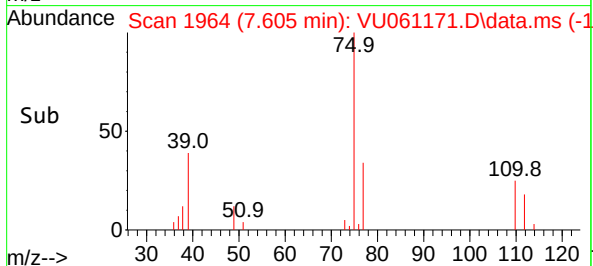
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 9748
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.8 38.8
 39 33.6 33.7 50.5

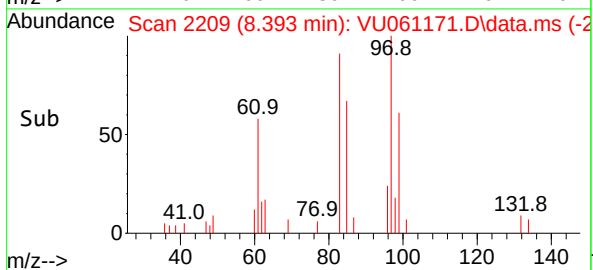
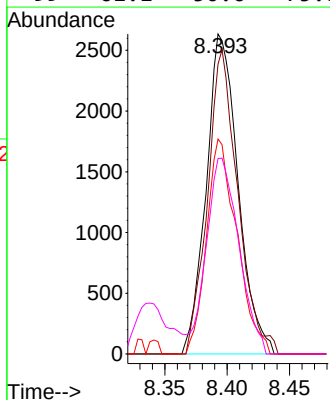
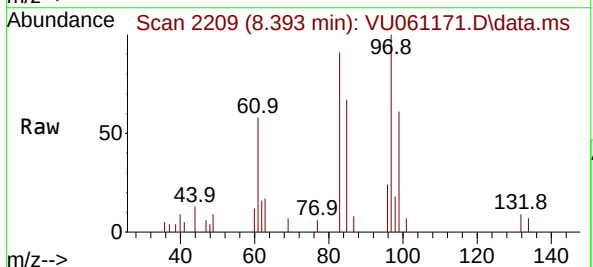
Manual Integrations
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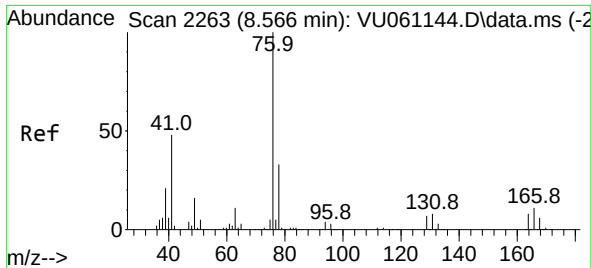
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.522 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53

Tgt Ion: 97 Resp: 4690
 Ion Ratio Lower Upper
 97 100
 83 90.6 71.0 106.4
 85 67.1 46.1 69.1
 99 61.1 50.6 75.8





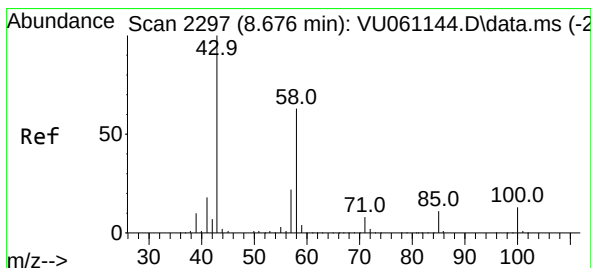
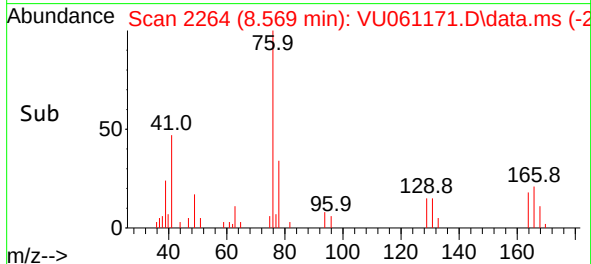
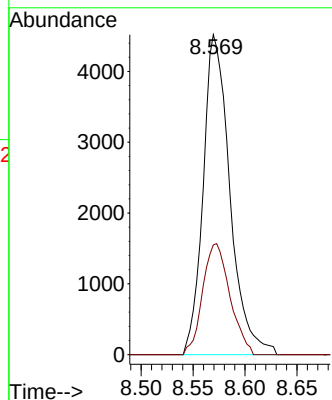
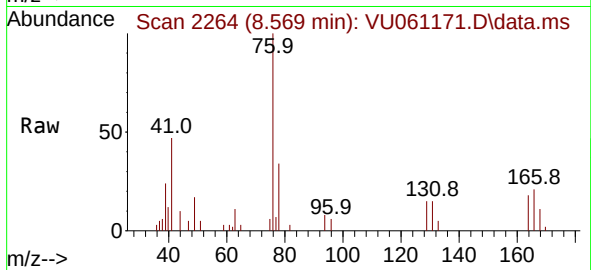
#53
1,3-Dichloropropane
Concen: 0.513 ug/l
RT: 8.569 min Scan# 2102
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 76 Resp: 810
Ion Ratio Lower Upper
76 100
78 35.3 26.2 39.2

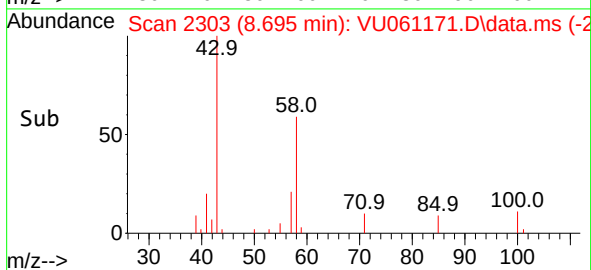
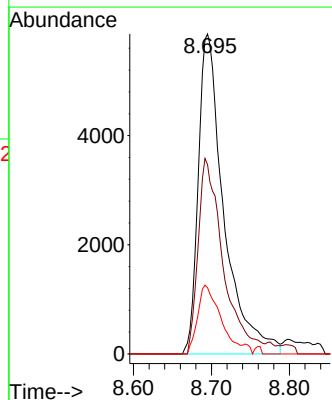
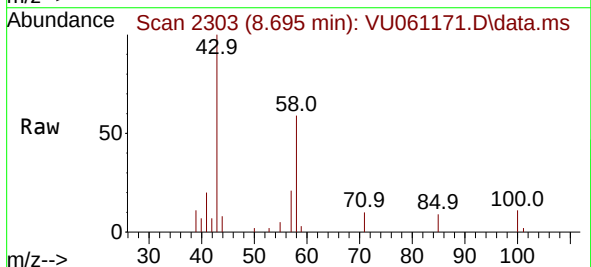
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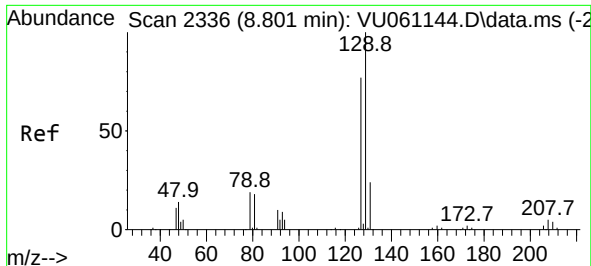
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#54
2-Hexanone
Concen: 2.432 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.019 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

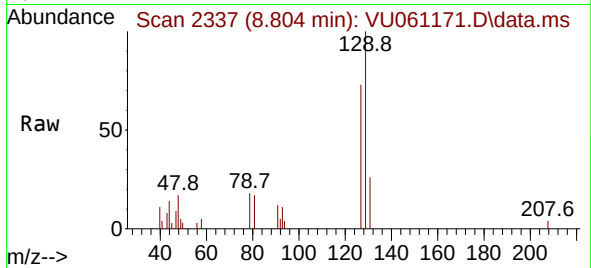
Tgt Ion: 43 Resp: 13369
Ion Ratio Lower Upper
43 100
58 59.7 41.8 81.8
57 19.3 1.4 41.4





#55
Dibromochloromethane
Concen: 0.494 ug/l
RT: 8.804 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

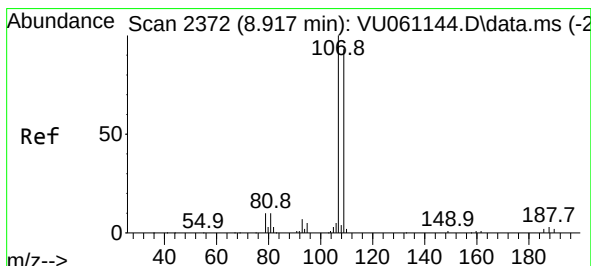
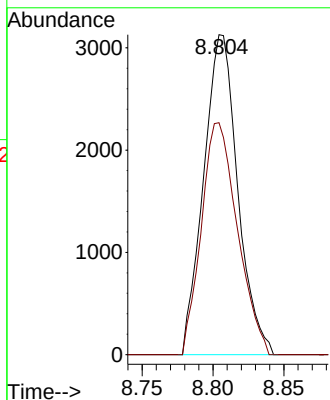
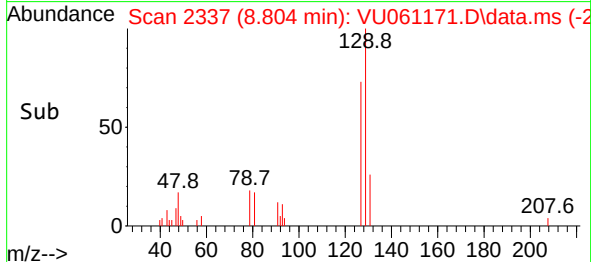
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:129 Resp: 524
Ion Ratio Lower Upper
129 100
127 76.5 61.9 92.9

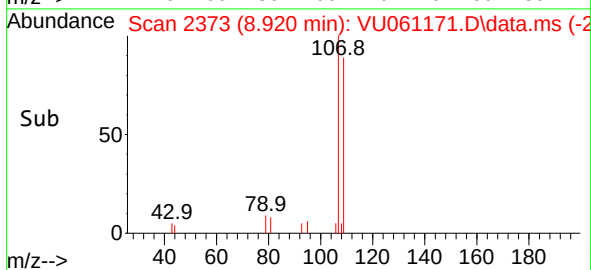
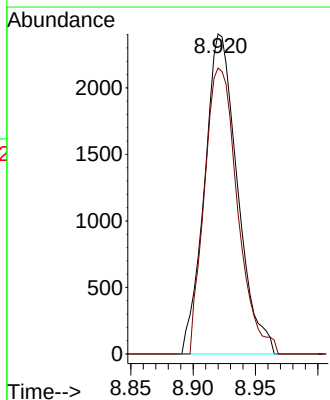
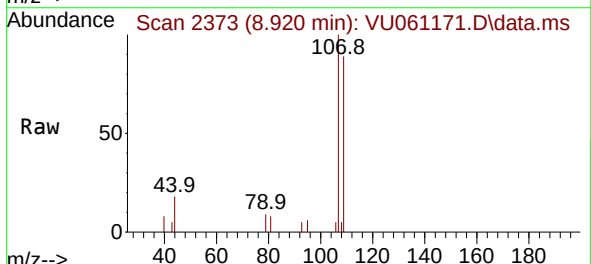
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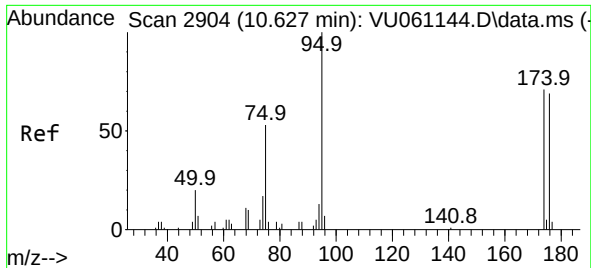
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#56
1,2-Dibromoethane
Concen: 0.513 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

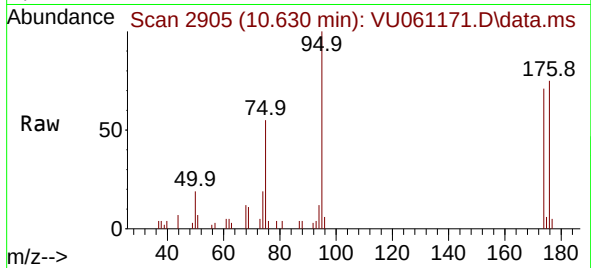
Tgt Ion:107 Resp: 4423
Ion Ratio Lower Upper
107 100
109 89.8 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 0.995 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

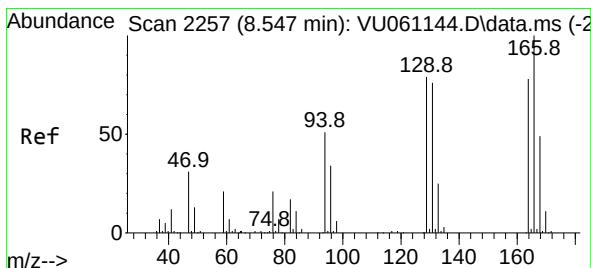
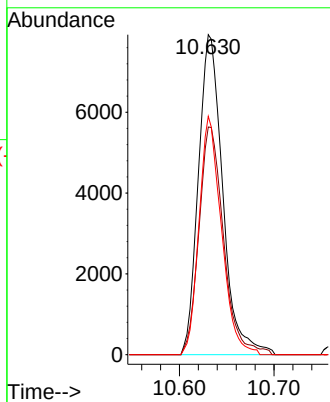
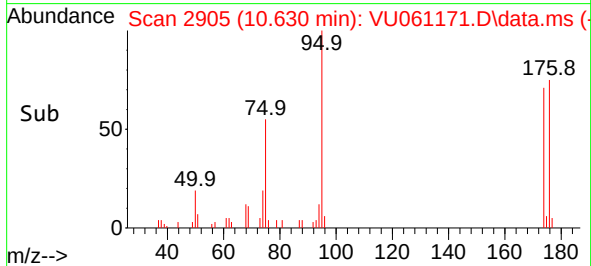
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 95 Resp: 1414
Ion Ratio Lower Upper
95 100
174 72.0 55.4 83.0
176 68.6 54.4 81.6

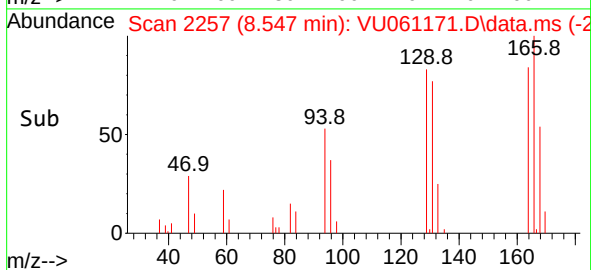
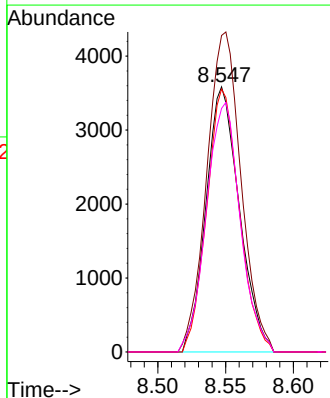
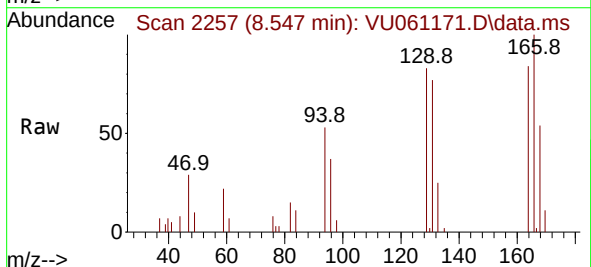
Manual Integrations
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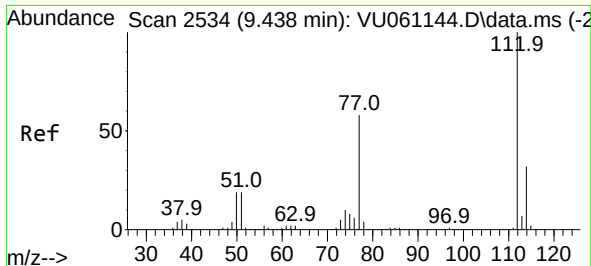
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#58
Tetrachloroethene
Concen: 0.536 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion:164 Resp: 6156
Ion Ratio Lower Upper
164 100
166 119.4 102.1 153.1
129 99.1 80.6 120.8
131 91.9 77.7 116.5





#59

Chlorobenzene

Concen: 0.517 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

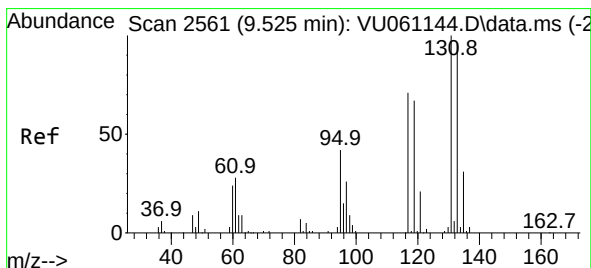
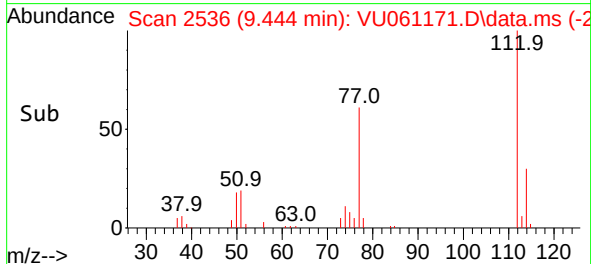
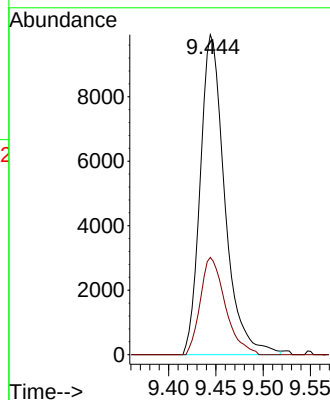
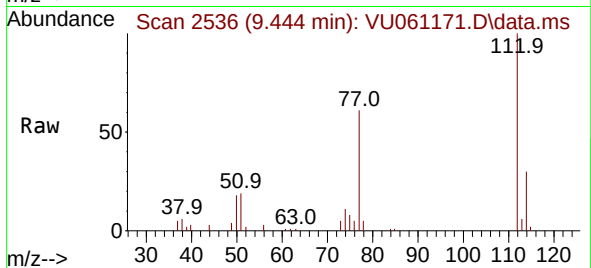
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:112 Resp: 1787
 Ion Ratio Lower Upper
 112 100
 114 30.4 25.4 38.2

Manual Integrations
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Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#60

1,1,1,2-Tetrachloroethane

Concen: 0.494 ug/l

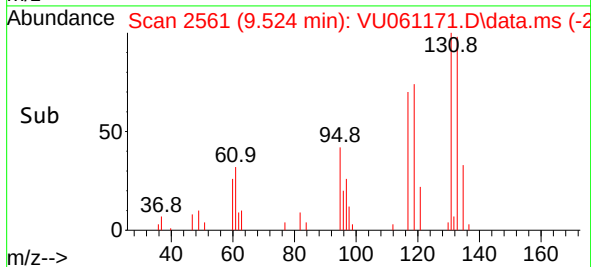
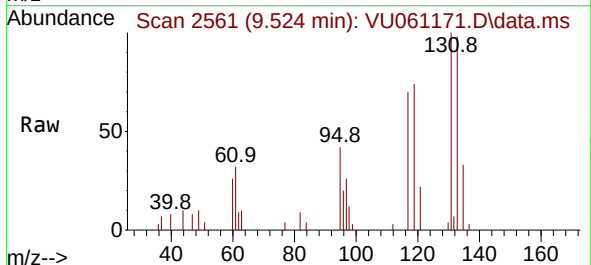
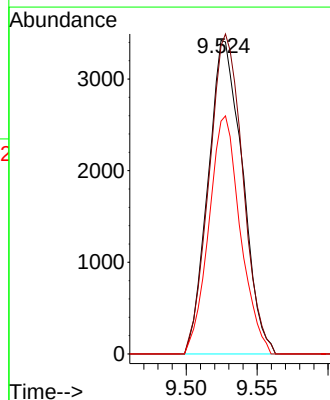
RT: 9.524 min Scan# 2561

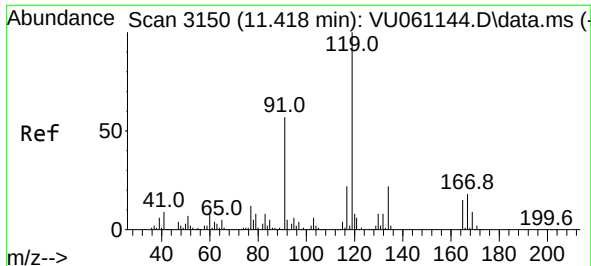
Delta R.T. -0.000 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Tgt Ion:131 Resp: 5758
 Ion Ratio Lower Upper
 131 100
 133 100.4 76.8 115.2
 119 69.6 54.2 81.2





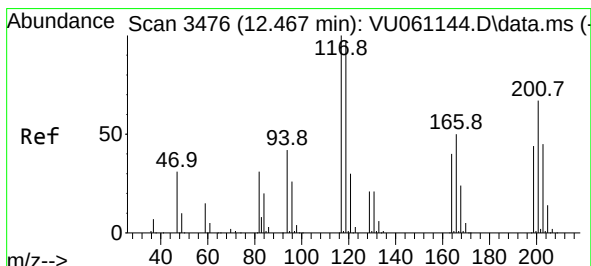
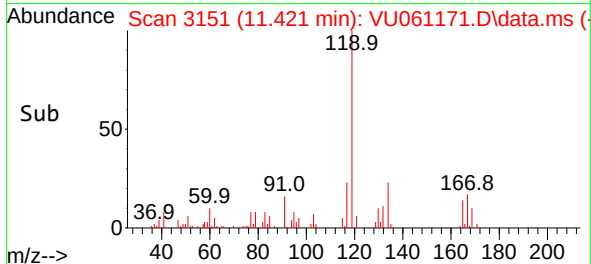
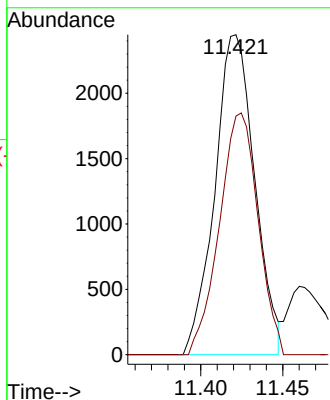
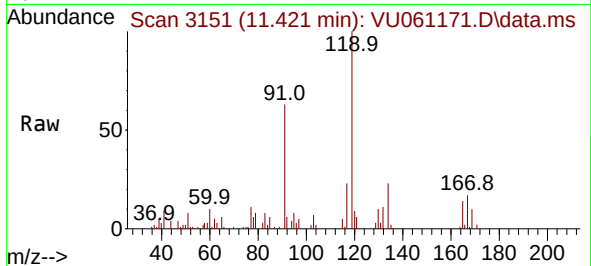
#61
Pentachloroethane
Concen: 0.463 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:117 Resp: 413
Ion Ratio Lower Upper
117 100
167 73.3 63.4 95.2

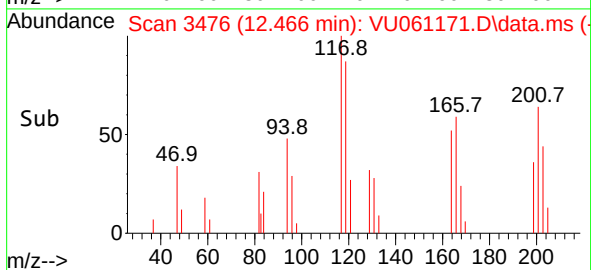
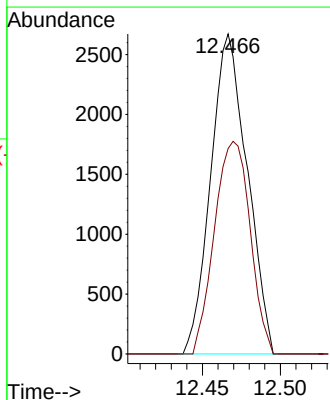
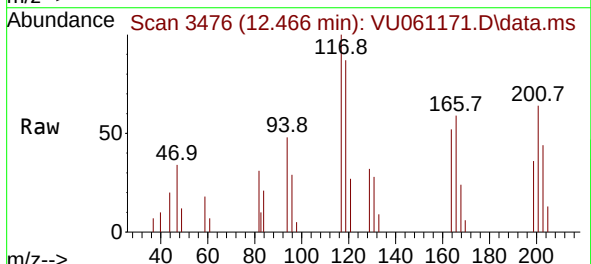
Manual Integrations
APPROVED

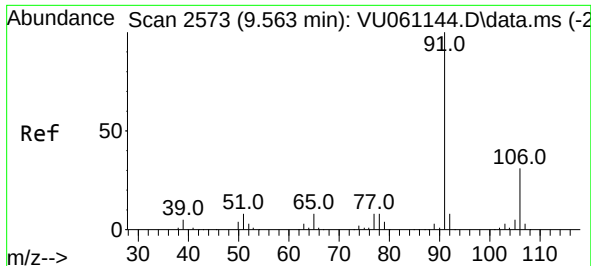
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#62
Hexachloroethane
Concen: 0.473 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion:117 Resp: 4348
Ion Ratio Lower Upper
117 100
201 64.9 54.3 81.5





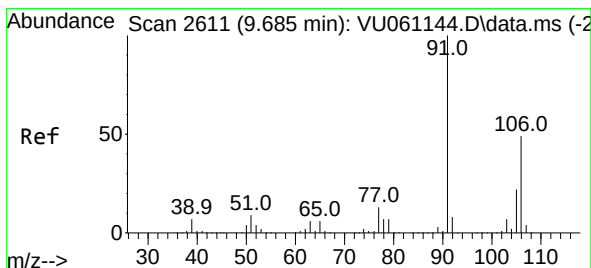
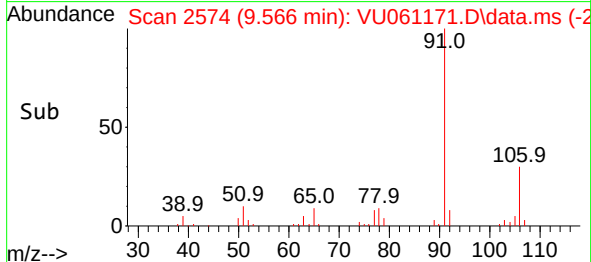
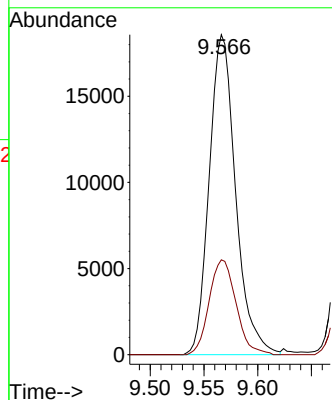
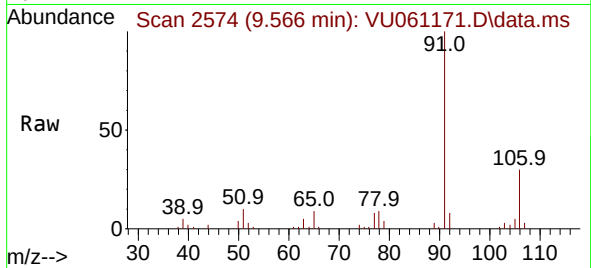
#63
Ethyl Benzene
Concen: 0.513 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 31724
Ion Ratio Lower Upper
91 100
106 29.7 24.6 37.0

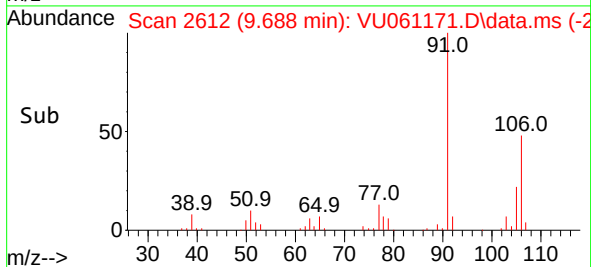
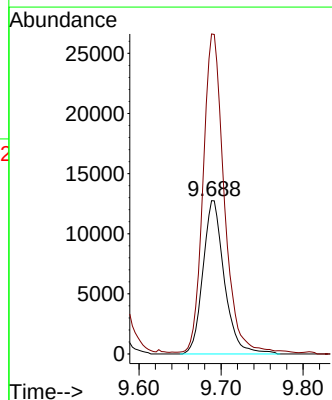
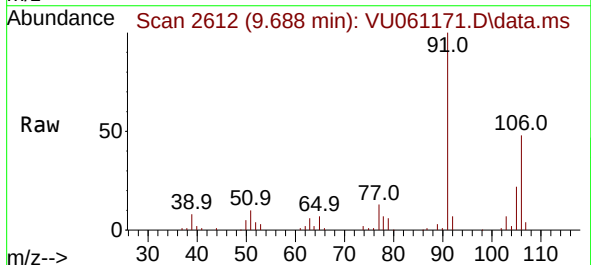
Manual Integrations
APPROVED

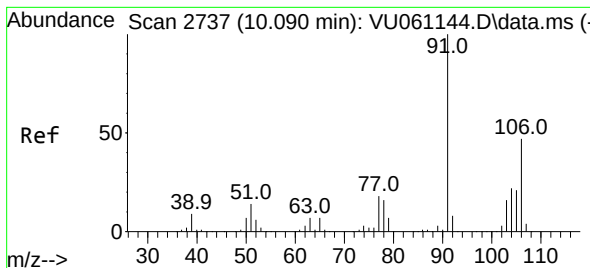
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#64
m/p-Xylenes
Concen: 0.983 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion:106 Resp: 23144
Ion Ratio Lower Upper
106 100
91 204.2 163.3 244.9





#65

o-Xylene

Concen: 0.525 ug/l

RT: 10.097 min Scan# 2739

Delta R.T. 0.006 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:106 Resp: 12180

Ion Ratio Lower Upper

106 100

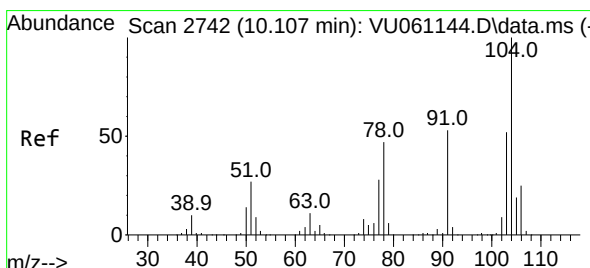
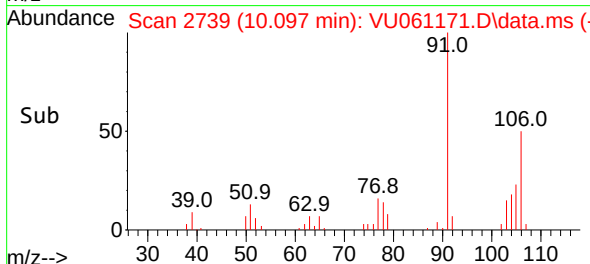
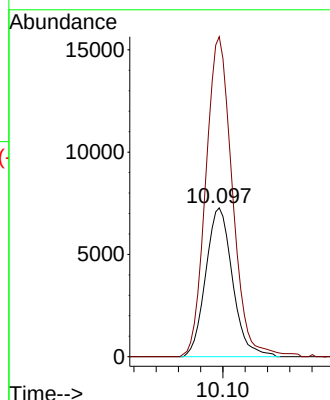
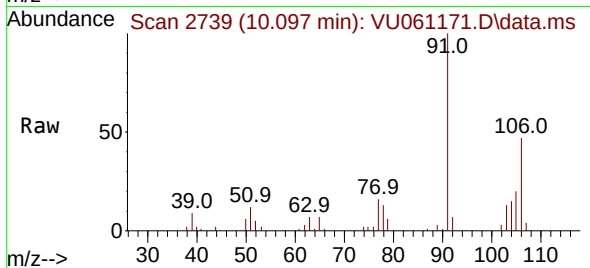
91 213.0 106.9 320.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#66

Styrene

Concen: 0.471 ug/l

RT: 10.116 min Scan# 2745

Delta R.T. 0.009 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

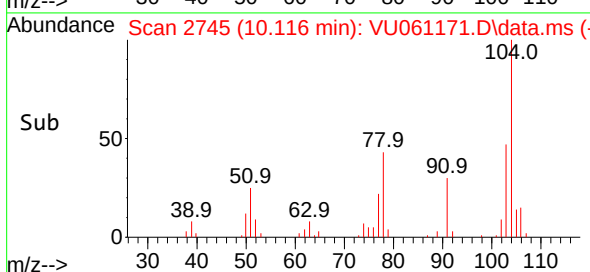
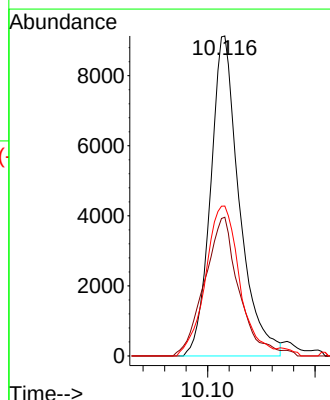
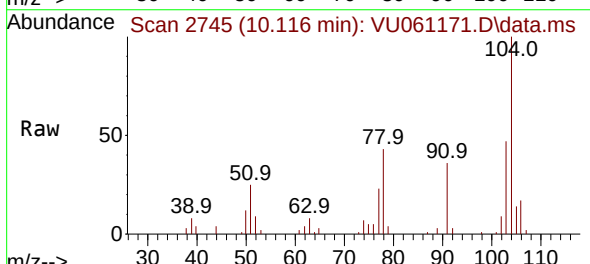
Tgt Ion:104 Resp: 16984

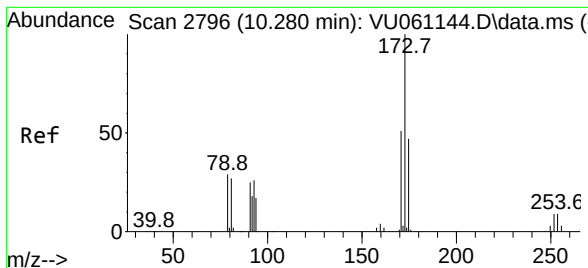
Ion Ratio Lower Upper

104 100

78 52.1 41.6 62.4

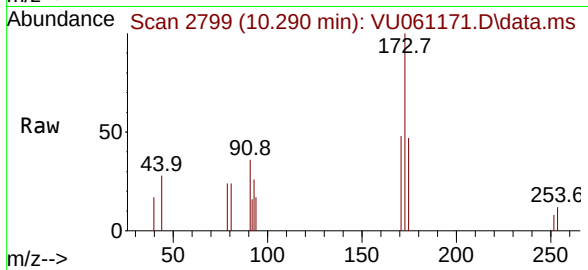
103 55.7 45.0 67.6





#67
Bromoform
Concen: 0.449 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

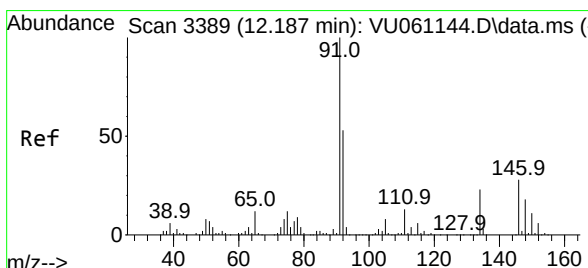
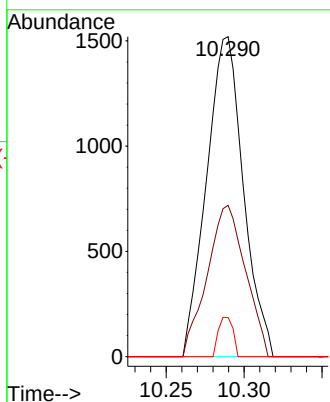
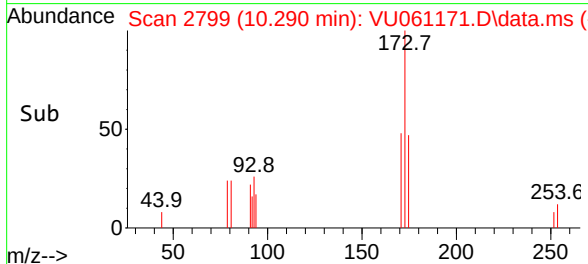
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



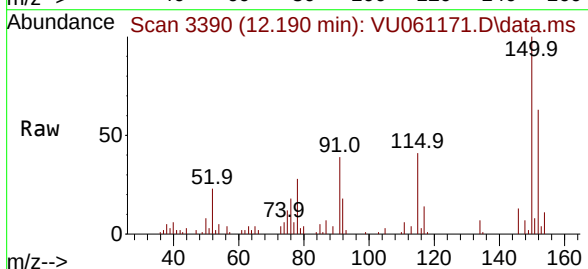
Tgt Ion:173 Resp: 2498
Ion Ratio Lower Upper
173 100
175 49.1 37.8 56.8
254 4.9 7.0 10.4

Manual Integrations
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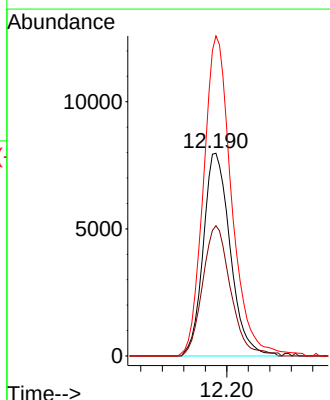
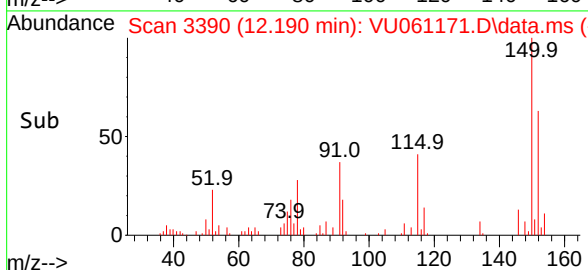
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

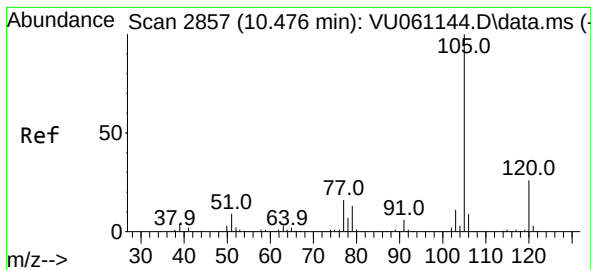


#68
1,2-Dichlorobenzene-d4
Concen: 0.992 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53



Tgt Ion:152 Resp: 13892
Ion Ratio Lower Upper
152 100
115 66.7 0.0 275.0
150 164.7 0.0 668.8





#69

Isopropylbenzene

Concen: 0.480 ug/l

RT: 10.479 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

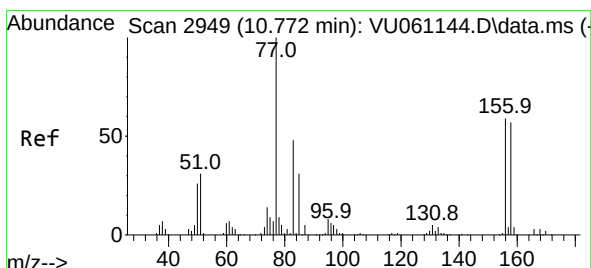
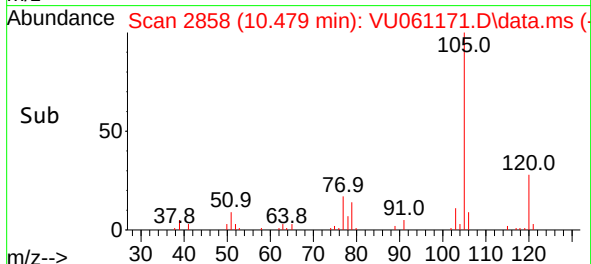
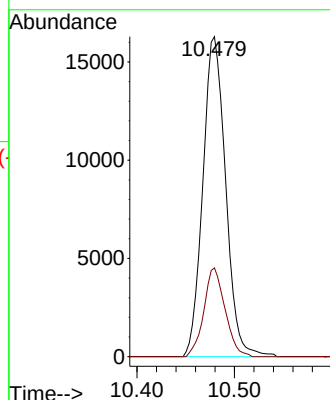
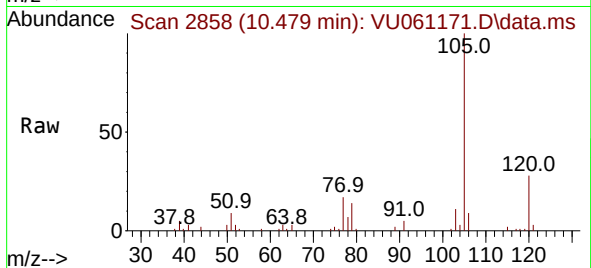
LOQ-WATER-02-QT4-2024

Tgt Ion:105 Resp: 2649
 Ion Ratio Lower Upper
 105 100
 120 25.7 13.1 39.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 0.515 ug/l

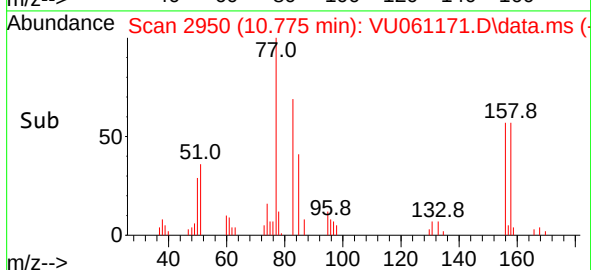
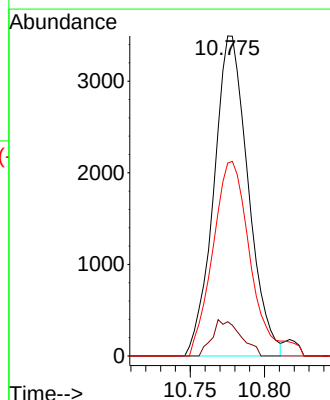
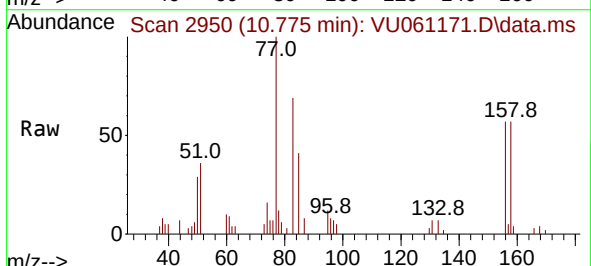
RT: 10.775 min Scan# 2950

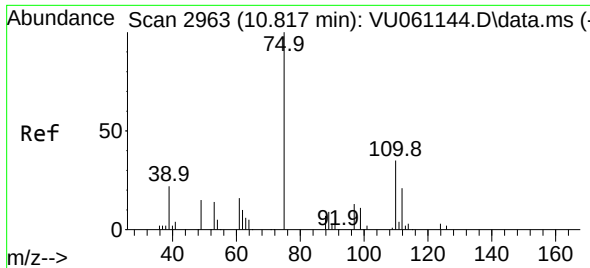
Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

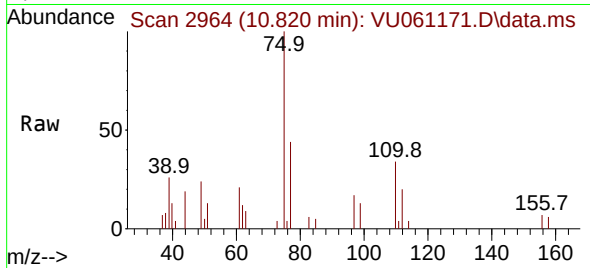
Tgt Ion: 83 Resp: 5630
 Ion Ratio Lower Upper
 83 100
 131 9.4 7.8 11.8
 85 66.5 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 0.480 ug/l m
RT: 10.820 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

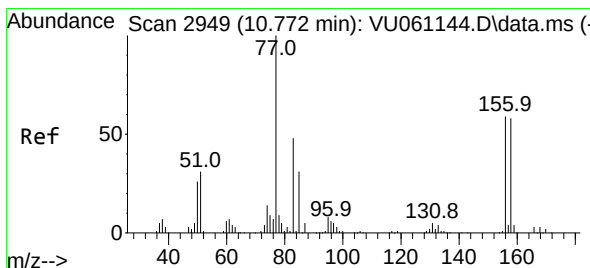
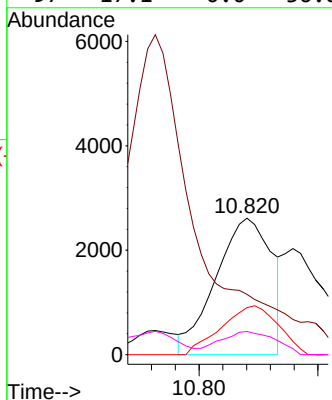
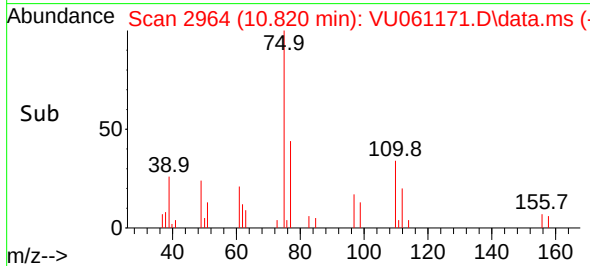
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



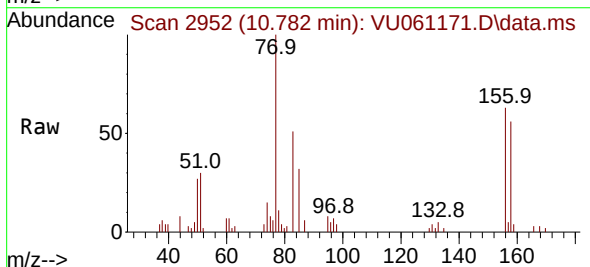
Tgt Ion: 75 Resp: 4272
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 36.5 0.0 68.6
97 17.1 0.0 36.8

Manual Integrations
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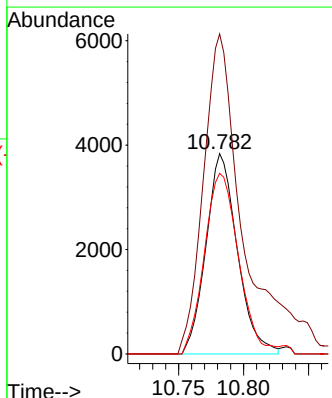
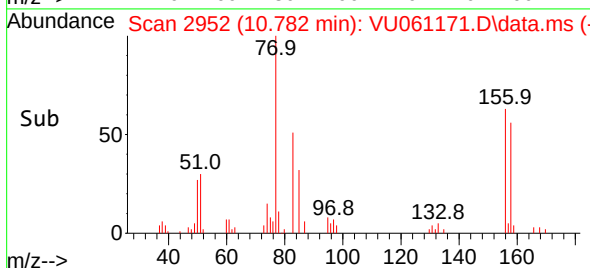
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

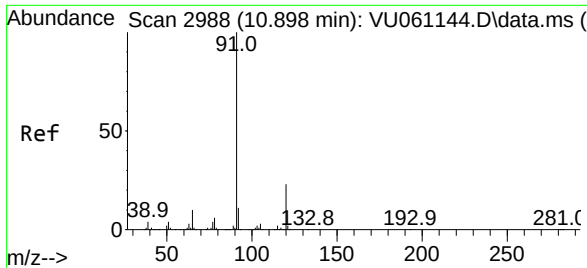


#72
Bromobenzene
Concen: 0.485 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53



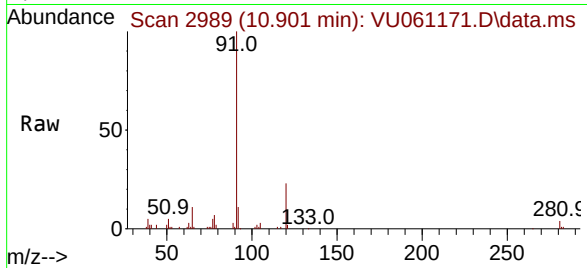
Tgt Ion:156 Resp: 6434
Ion Ratio Lower Upper
156 100
77 206.3 0.0 337.2
158 98.5 0.0 192.8





#73
n-propylbenzene
Concen: 0.480 ug/l
RT: 10.901 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

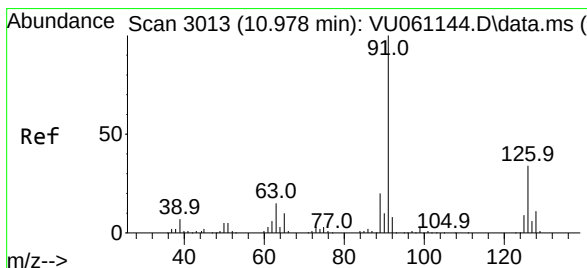
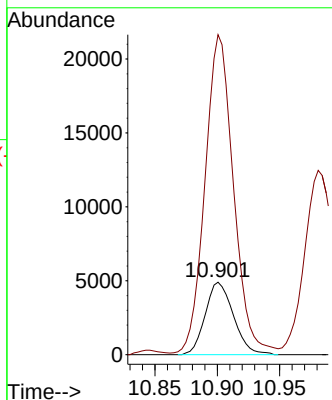
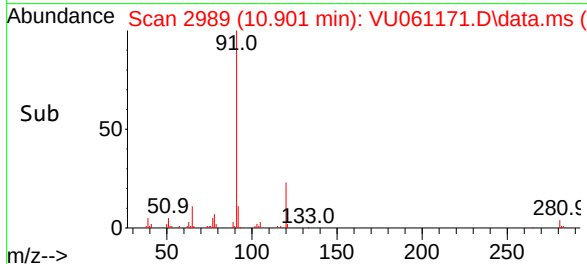
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:120 Resp: 7724
Ion Ratio Lower Upper
120 100
91 441.5 353.6 530.4

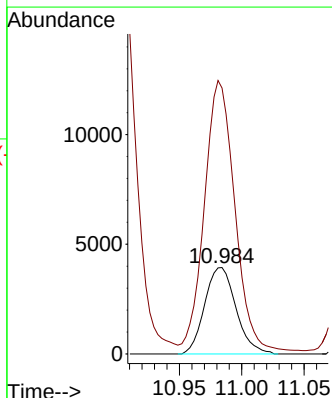
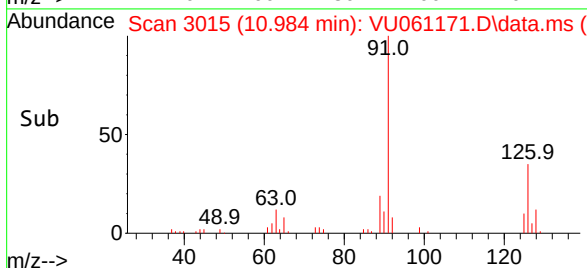
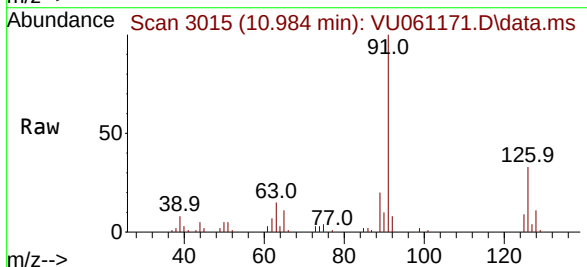
Manual Integrations
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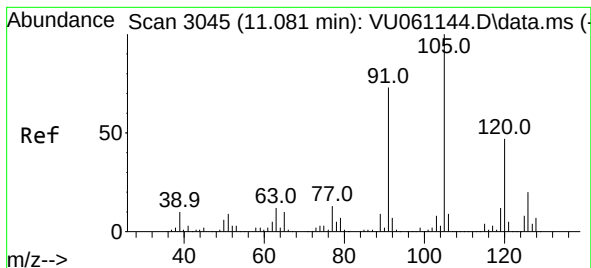
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#74
2-Chlorotoluene
Concen: 0.494 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.006 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion:126 Resp: 6883
Ion Ratio Lower Upper
126 100
91 304.4 0.0 595.2





#75

1,3,5-Trimethylbenzene

Concen: 0.494 ug/l

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:105 Resp: 2455

Ion Ratio Lower Upper

105 100

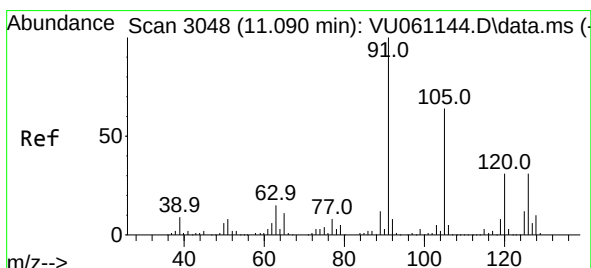
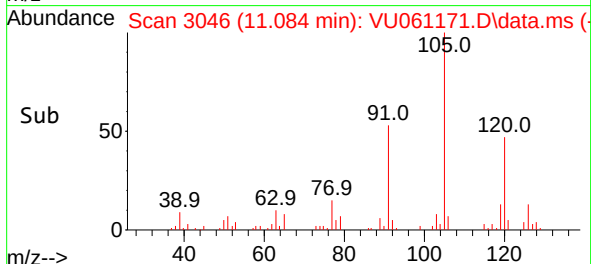
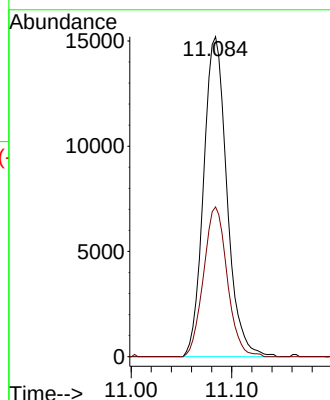
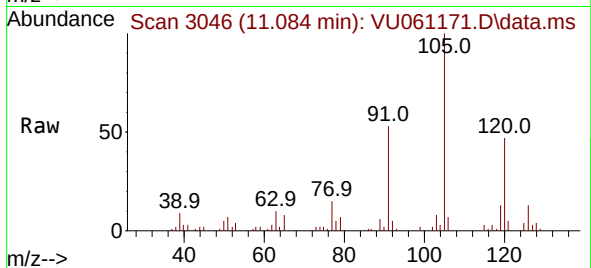
120 47.5 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#76

4-Chlorotoluene

Concen: 0.489 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VU061171.D

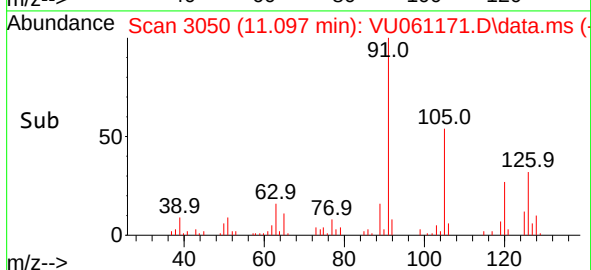
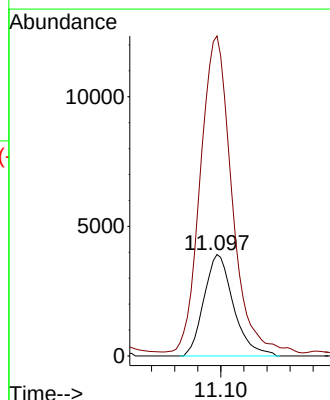
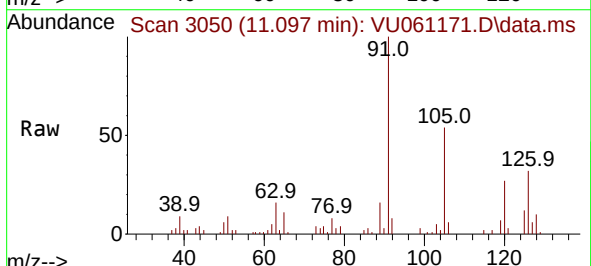
Acq: 21 Oct 2024 14:53

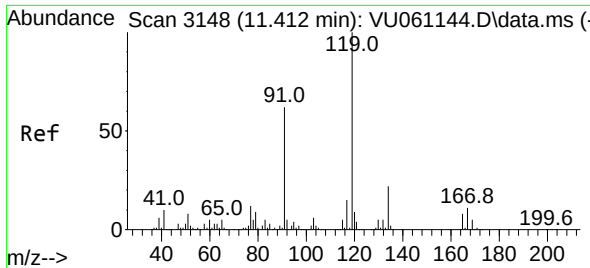
Tgt Ion:126 Resp: 6930

Ion Ratio Lower Upper

126 100

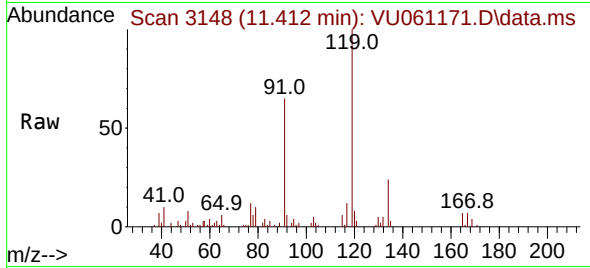
91 333.7 0.0 678.2





#77
tert-Butylbenzene
Concen: 0.496 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

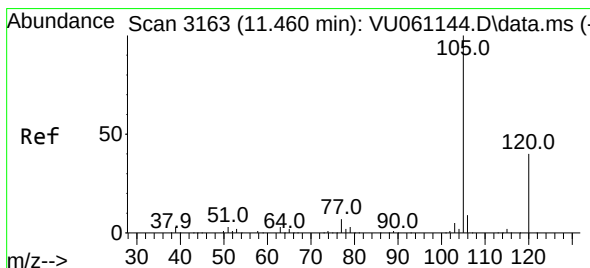
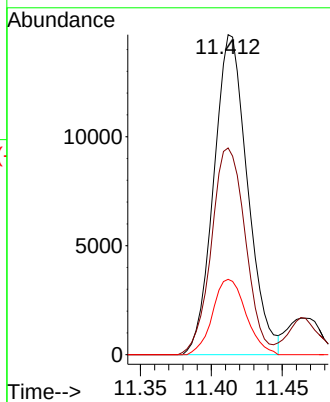
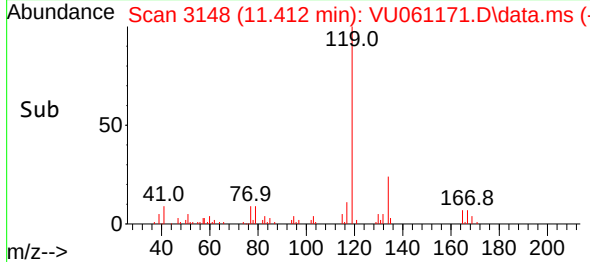
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



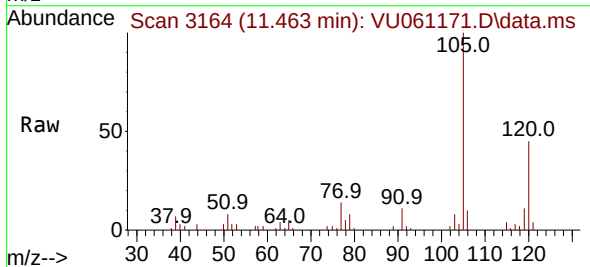
Tgt Ion:119 Resp: 24380
Ion Ratio Lower Upper
119 100
91 65.2 30.1 90.5
134 23.3 17.5 26.3

Manual Integrations
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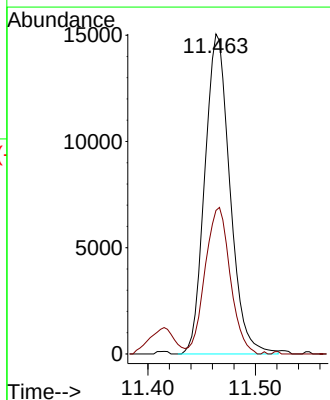
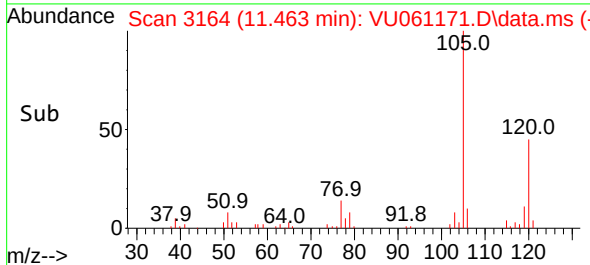
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

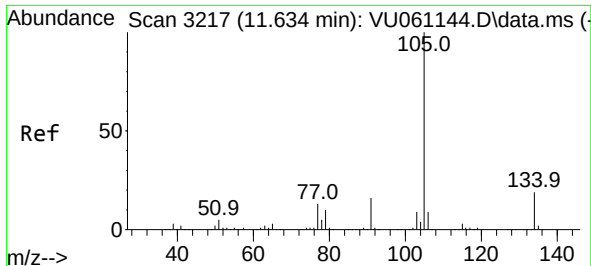


#78
1,2,4-Trimethylbenzene
Concen: 0.486 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53



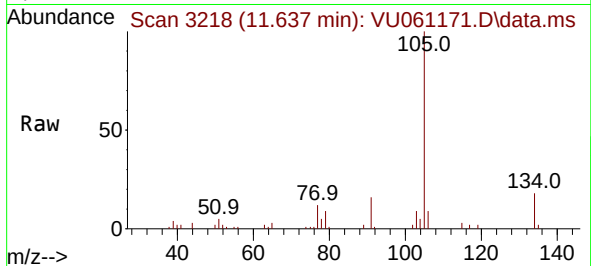
Tgt Ion:105 Resp: 24431
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.9





#79
 sec-Butylbenzene
 Concen: 0.490 ug/l
 RT: 11.637 min Scan# 3139
 Delta R.T. 0.003 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53

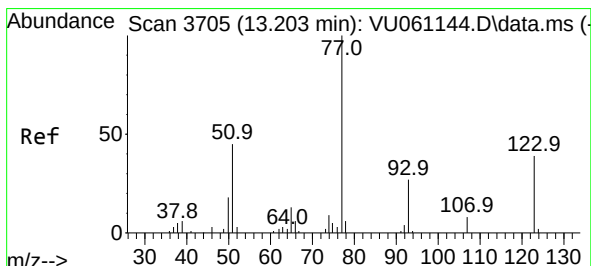
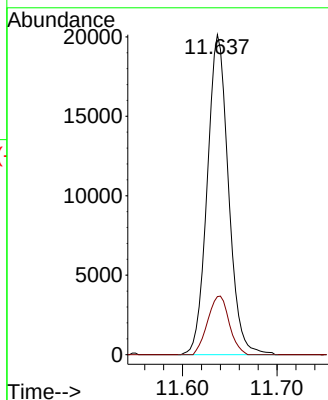
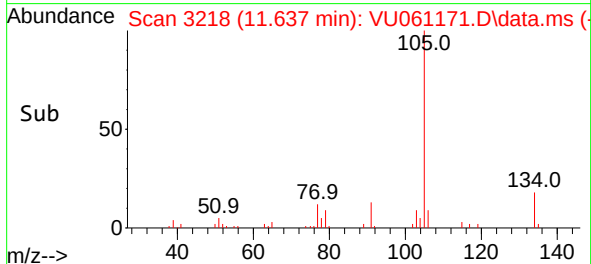
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



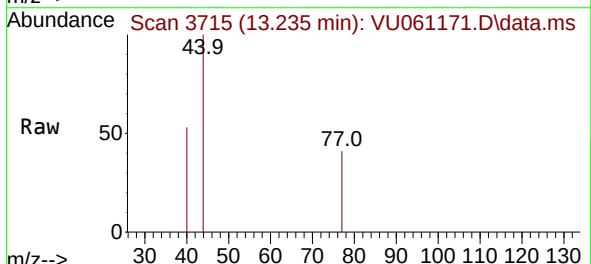
Tgt Ion:105 Resp: 3139
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.5 23.3

Manual Integrations
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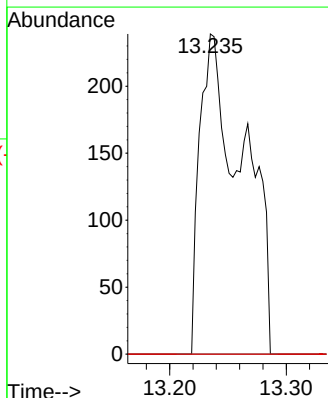
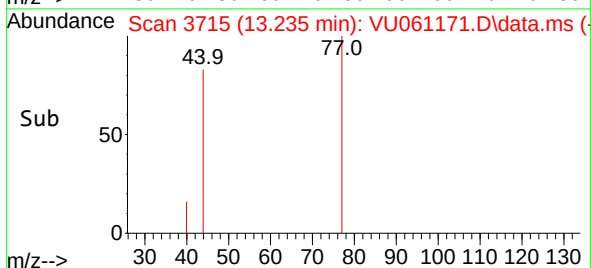
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

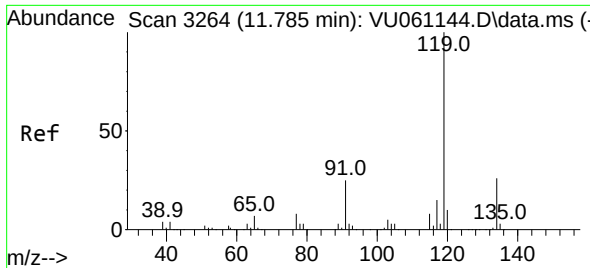


#80
 Nitrobenzene
 Concen: 2.573 ug/l m
 RT: 13.235 min Scan# 3715
 Delta R.T. 0.032 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53



Tgt Ion: 77 Resp: 615
 Ion Ratio Lower Upper
 77 100
 123 0.0 15.6 55.2#
 65 0.0 10.7 13.7#





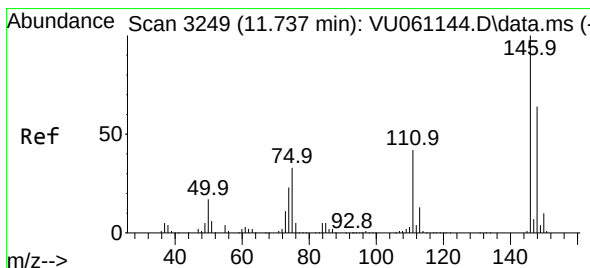
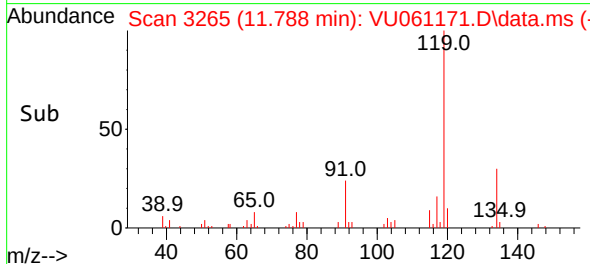
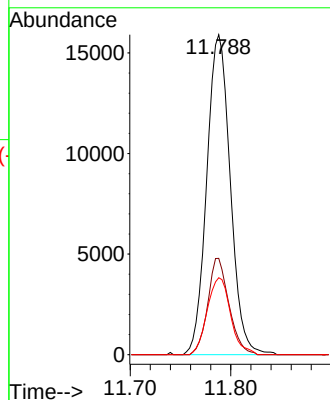
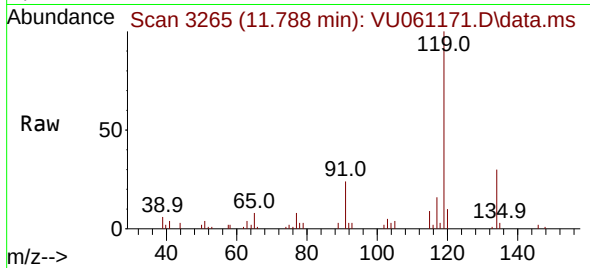
#81
p-Isopropyltoluene
Concen: 0.487 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:119 Resp: 2585
Ion Ratio Lower Upper
119 100
134 27.1 21.0 31.6
91 23.8 19.8 29.8

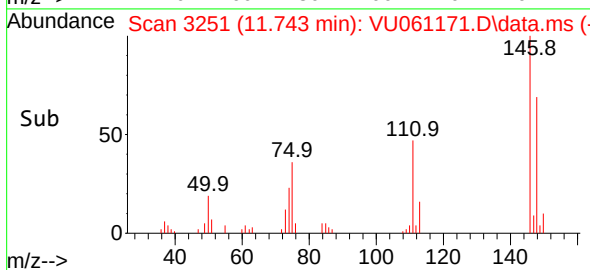
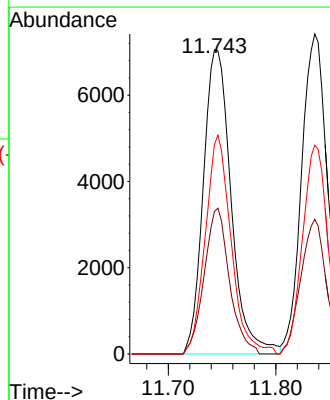
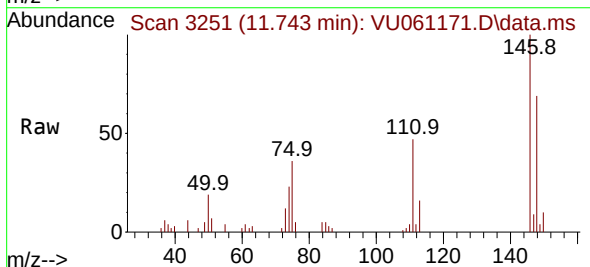
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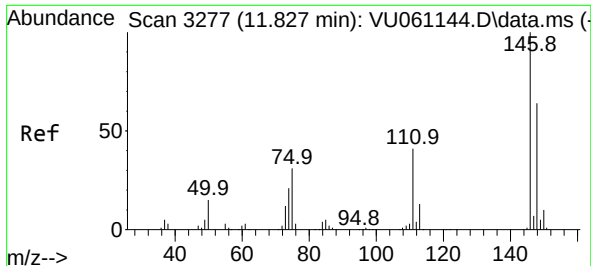
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#82
1,3-Dichlorobenzene
Concen: 0.497 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

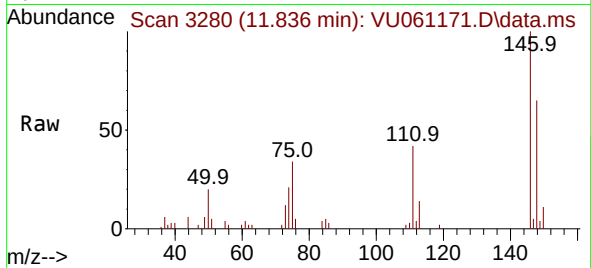
Tgt Ion:146 Resp: 12662
Ion Ratio Lower Upper
146 100
111 43.5 34.1 51.1
148 66.7 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.516 ug/l
RT: 11.836 min Scan# 3277
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

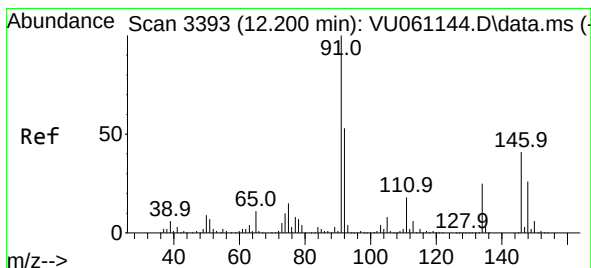
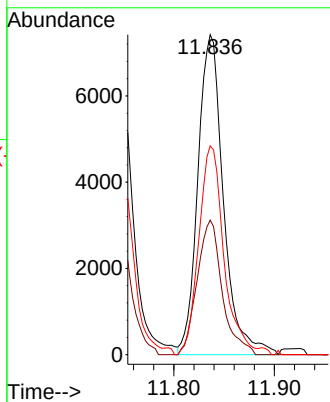
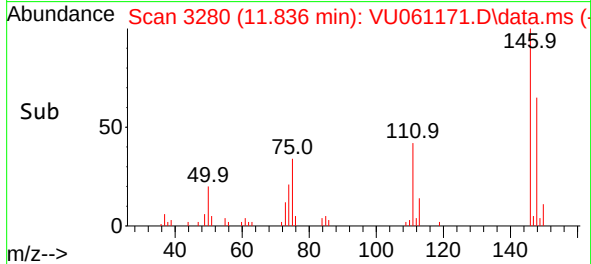
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:146 Resp: 13104
Ion Ratio Lower Upper
146 100
111 41.2 32.1 48.1
148 64.6 50.3 75.5

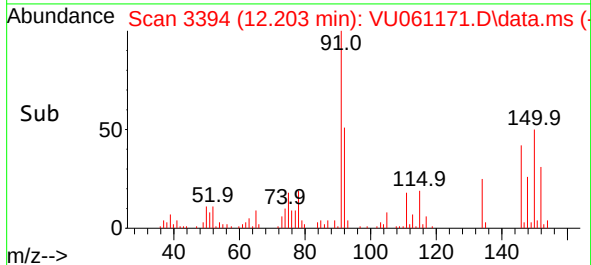
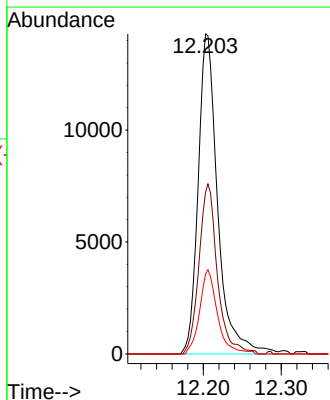
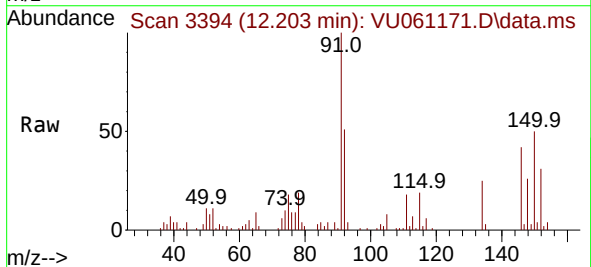
Manual Integrations
APPROVED

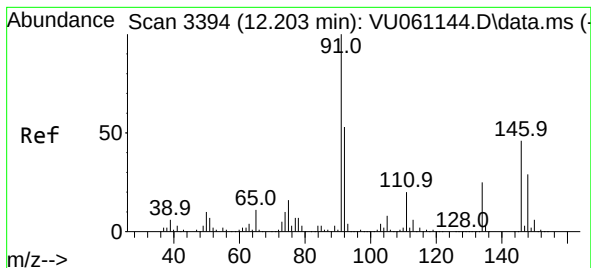
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#84
n-Butylbenzene
Concen: 0.506 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 91 Resp: 24897
Ion Ratio Lower Upper
91 100
92 50.0 41.8 62.8
134 23.9 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.555 ug/l

RT: 12.209 min Scan# 3394

Delta R.T. 0.006 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

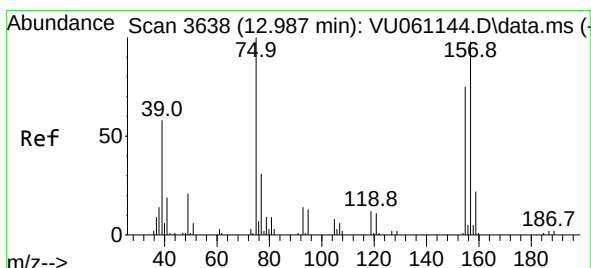
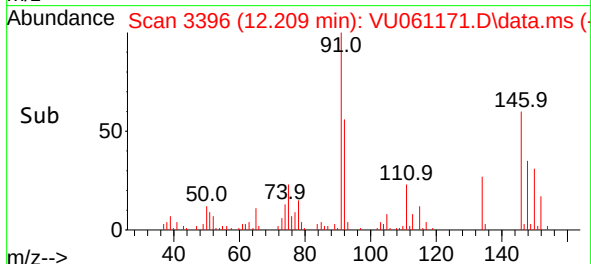
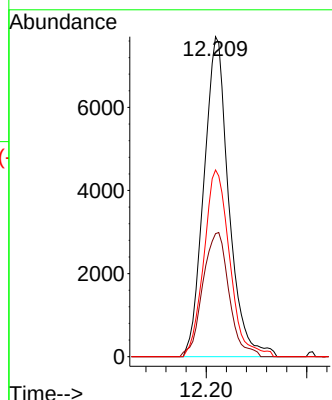
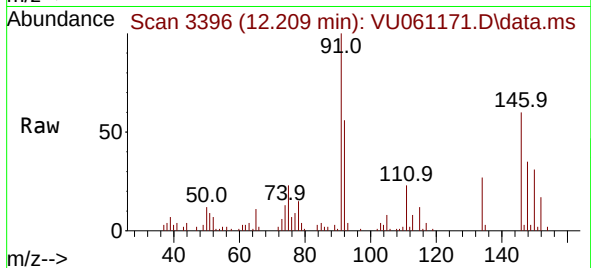
LOQ-WATER-02-QT4-2024

Tgt Ion:	146	Resp:	13218
Ion Ratio	Lower	Upper	
146	100		
111	40.9	21.9	65.7
148	60.6	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.466 ug/l

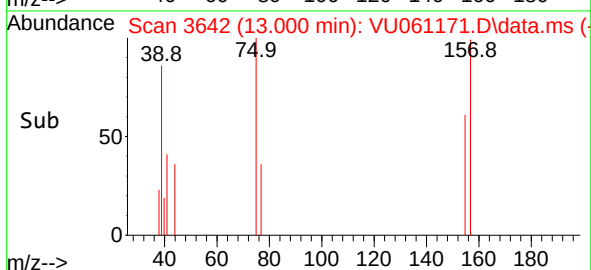
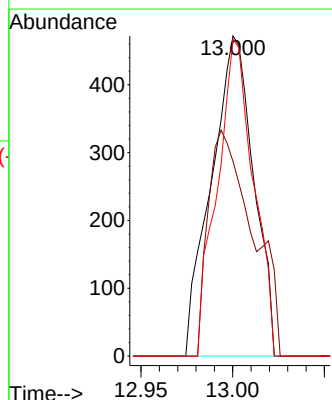
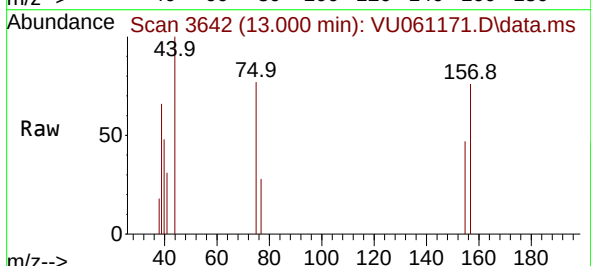
RT: 13.000 min Scan# 3642

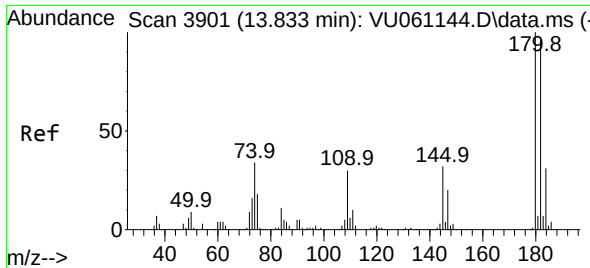
Delta R.T. 0.013 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

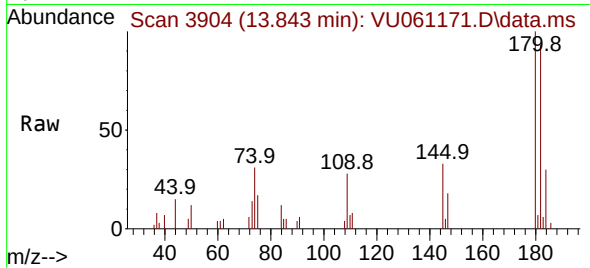
Tgt Ion:	75	Resp:	756
Ion Ratio	Lower	Upper	
75	100		
155	73.9	61.4	92.0
157	85.1	78.5	117.7





#87
1,2,4-Trichlorobenzene
Concen: 0.575 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

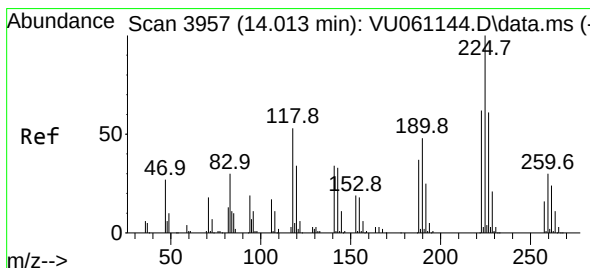
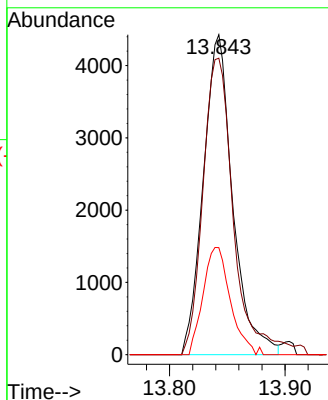
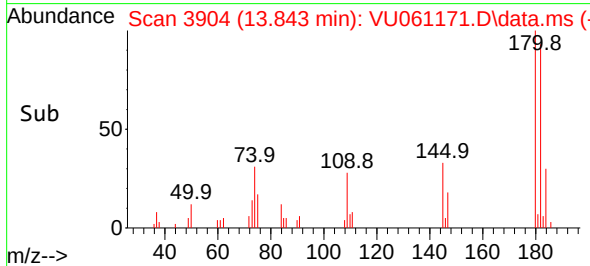
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:180 Resp: 7830
Ion Ratio Lower Upper
180 100
182 97.0 77.0 115.6
145 31.1 25.7 38.5

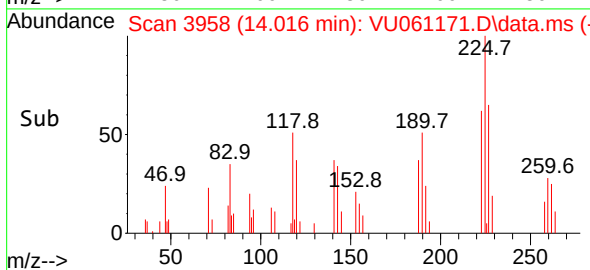
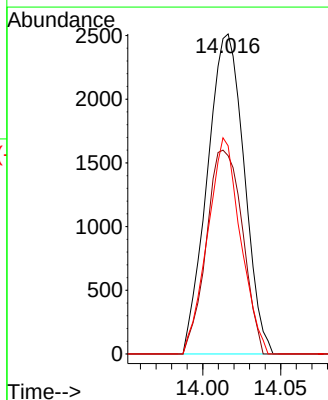
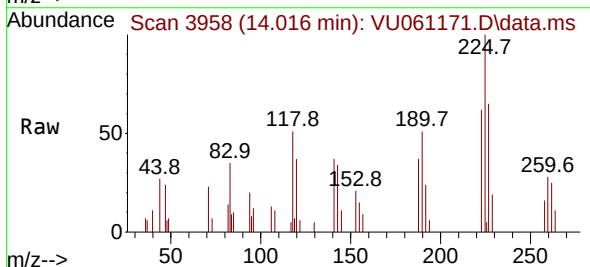
Manual Integrations
APPROVED

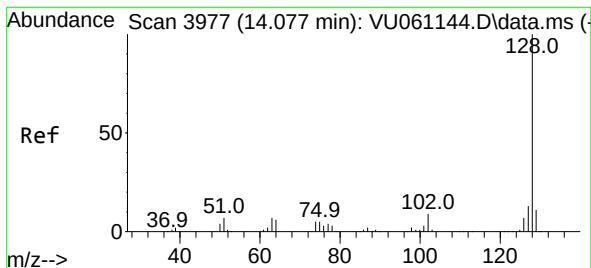
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#88
Hexachlorobutadiene
Concen: 0.536 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion:225 Resp: 4125
Ion Ratio Lower Upper
225 100
223 62.4 51.4 77.2
227 60.6 50.3 75.5





#89

Naphthalene

Concen: 0.625 ug/l

RT: 14.093 min Scan# 3982

Delta R.T. 0.016 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

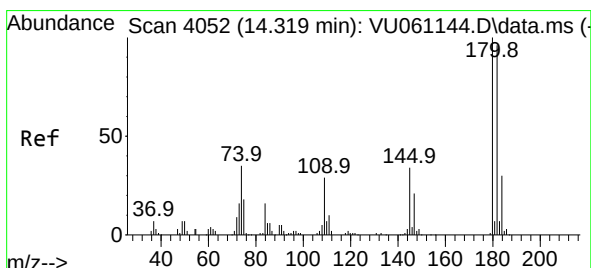
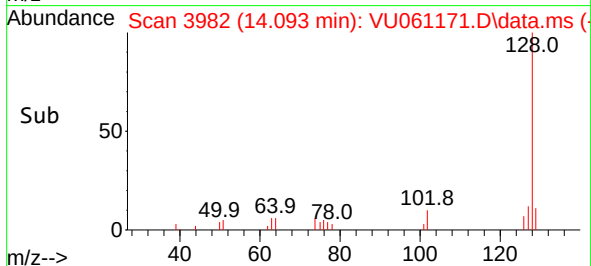
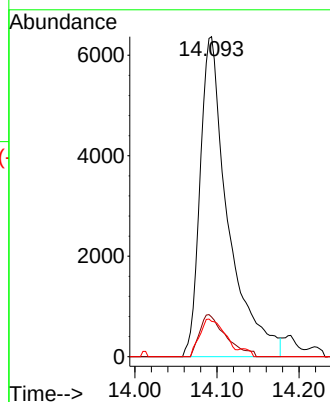
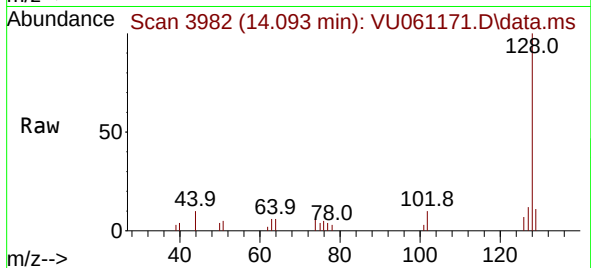
LOQ-WATER-02-QT4-2024

Tgt Ion:128	Resp:	15019
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.6 16.0
129	10.6	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#90

1,2,3-Trichlorobenzene

Concen: 0.634 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.009 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Tgt Ion:180	Resp:	7756
Ion Ratio	Lower	Upper
180	100	
182	93.3	76.2 114.4
145	31.7	26.8 40.2

