

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063259.D
 Acq On : 12 Feb 2025 17:09
 Operator : MD/SY
 Sample : Q1168-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 13 03:51:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Feb 13 03:48:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

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

Internal Standards						
1) Fluorobenzene	6.107	96	47736	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15074	0.957	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	16216	0.990	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	16173	1.043	ug/l	96
3) Chloromethane	1.518	50	19778	1.107	ug/l	96
4) Vinyl Chloride	1.599	62	19003	1.075	ug/l	98
5) Bromomethane	1.843	94	10744	1.244	ug/l	94
6) Chloroethane	1.923	64	11845	1.064	ug/l	99
7) Trichlorofluoromethane	2.129	101	23132	1.105	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	13366	1.124	ug/l	97
9) 1,1-Dichloroethene	2.570	96	12961	1.070	ug/l	94
10) Iodomethane	2.711	142	21014	1.104	ug/l	99
11) Allyl Chloride	2.911	41	17826	1.025	ug/l	95
12) Acrylonitrile	3.325	53	5997	2.147	ug/l	93
13) Acetone	2.618	43	11860	5.522	ug/l	100
14) Carbon Disulfide	2.782	76	44176	1.043	ug/l	96
15) Methylene Chloride	3.033	84	17236	1.152	ug/l	95
16) trans-1,2-Dichloroethene	3.345	96	14801	1.071	ug/l	98
17) 1,1-Dichloroethane	3.856	63	28289	1.086	ug/l	99
18) 2-Butanone	4.714	43	16436	4.808	ug/l	99
19) Cyclohexane	5.373	56	20302m	0.970	ug/l	
20) Methylcyclohexane	6.753	83	20880	1.006	ug/l	99
21) 2,2-Dichloropropane	4.647	77	20682	1.018	ug/l	98
22) cis-1,2-Dichloroethene	4.656	96	15476	1.036	ug/l	98
23) Diethyl Ether	2.367	59	10946	1.053	ug/l	96
24) tert-Butyl Alcohol	3.168	59	16671	13.188	ug/l #	88
25) Methyl tert-Butyl Ether	3.348	73	31443	1.040	ug/l	98
26) Bromochloromethane	4.965	128	7097	1.087	ug/l	97
27) Chloroform	5.078	83	27818	1.058	ug/l	96
28) 1,1,1-Trichloroethane	5.303	97	23472	1.102	ug/l	97
29) 1,1-Dichloropropene	5.518	75	20617	1.081	ug/l	97
30) Carbon Tetrachloride	5.512	117	18870	1.033	ug/l	100
31) Isopropyl Ether	3.981	45	36096	0.970	ug/l	88
32) Ethyl-t-butyl ether	4.489	59	33416	0.988	ug/l	98
33) Tert-Amyl methyl ether	5.927	73	29629	1.003	ug/l	99
34) Propionitrile	4.785	54	5495m	5.330	ug/l	
35) Benzene	5.763	78	62014	1.057	ug/l	99
36) 1,2-Dichloroethane	5.785	62	17657	1.043	ug/l	100
37) Trichloroethene	6.534	130	14949	1.072	ug/l	92
38) 1,2-Dichloropropane	6.779	63	15791	1.029	ug/l	95
39) Methacrylonitrile	4.981	41	3443m	0.896	ug/l	
40) Methyl acrylate	4.869	55	7298m	1.031	ug/l	
41) Tetrahydrofuran	5.052	42	4584	2.051	ug/l	92
42) 1-Chlorobutane	5.447	56	25293	0.969	ug/l	96
43) Dibromomethane	6.914	93	8397	1.080	ug/l	97
44) Bromodichloromethane	7.097	83	19486	1.077	ug/l	99

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 LOQ-WATER-02-QT1-2025

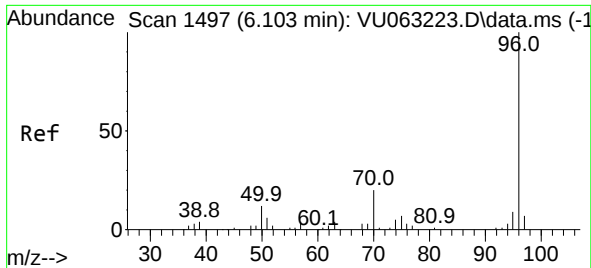
Quant Time: Feb 13 03:51:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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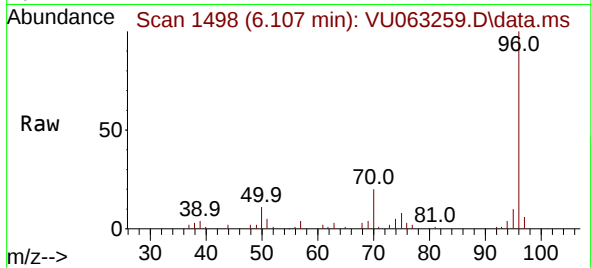
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	39735	4.875	ug/l	99
46) t-1,4-Dichloro-2-butene	10.820	75	7638m	1.994	ug/l	
47) Methyl methacrylate	6.959	69	12774m	1.951	ug/l	
48) Ethyl methacrylate	8.328	69	11464m	0.932	ug/l	
49) Toluene	7.962	92	34150	1.012	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	16220	0.979	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	21515	1.051	ug/l	96
52) 1,1,2-Trichloroethane	8.389	97	11213	1.070	ug/l	99
53) 1,3-Dichloropropane	8.566	76	20682	1.111	ug/l	91
54) 2-Hexanone	8.679	43	25840	4.646	ug/l	88
55) Dibromochloromethane	8.801	129	12790	1.061	ug/l	95
56) 1,2-Dibromoethane	8.917	107	10509	1.069	ug/l	97
58) Tetrachloroethene	8.544	164	12984	1.130	ug/l	97
59) Chlorobenzene	9.441	112	37294	1.048	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	13790	1.078	ug/l	98
61) Pentachloroethane	11.418	117	11930	1.044	ug/l	94
62) Hexachloroethane	12.463	117	10466	1.035	ug/l	99
63) Ethyl Benzene	9.560	91	57872	0.943	ug/l	98
64) m/p-Xylenes	9.685	106	42769	1.865	ug/l	99
65) o-Xylene	10.090	106	21013	0.936	ug/l	99
66) Styrene	10.106	104	32834	0.919	ug/l	98
67) Bromoform	10.280	173	7120	1.040	ug/l	100
69) Isopropylbenzene	10.473	105	50349	0.954	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	14730	1.043	ug/l	96
71) 1,2,3-Trichloropropane	10.814	75	11843m	1.116	ug/l	
72) Bromobenzene	10.775	156	14893	1.047	ug/l	84
73) n-propylbenzene	10.897	120	14094	0.933	ug/l	98
74) 2-Chlorotoluene	10.978	126	14035	1.008	ug/l	98
75) 1,3,5-Trimethylbenzene	11.077	105	42795	0.875	ug/l	97
76) 4-Chlorotoluene	11.090	126	13945	0.977	ug/l	93
77) tert-Butylbenzene	11.409	119	47399	0.958	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	41953	0.865	ug/l	100
79) sec-Butylbenzene	11.634	105	59759	0.949	ug/l	99
80) Nitrobenzene	13.228	77	1225	3.646	ug/l #	67
81) p-Isopropyltoluene	11.785	119	44367	0.893	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	28090	1.018	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	26309	0.975	ug/l	96
84) n-Butylbenzene	12.200	91	38724	0.869	ug/l	98
85) 1,2-Dichlorobenzene	12.203	146	26693	1.007	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.987	75	1864	0.940	ug/l	95
87) 1,2,4-Trichlorobenzene	13.836	180	12103	0.936	ug/l	98
88) Hexachlorobutadiene	14.010	225	9851	1.066	ug/l	98
89) Naphthalene	14.087	128	16542m	0.794	ug/l	
90) 1,2,3-Trichlorobenzene	14.325	180	11298	0.893	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063259.D
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MSVOA_U
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LOQ-WATER-02-QT1-2025

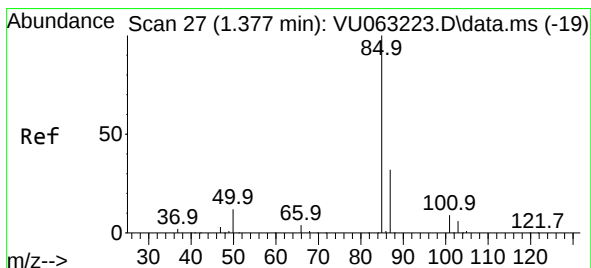
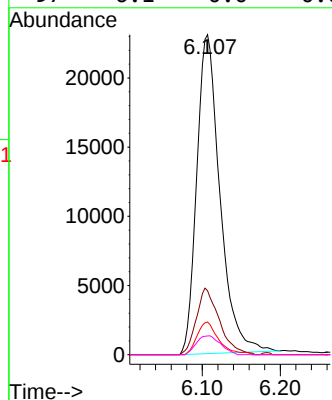
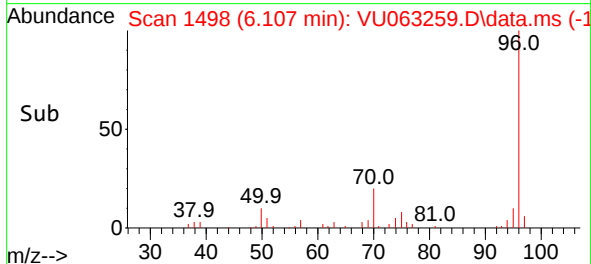


Tgt Ion: 96 Resp: 47730

Ion	Ratio	Lower	Upper
96	100		
70	20.6	15.6	23.4
95	9.5	7.3	10.9
97	6.1	0.0	0.0#

Manual Integrations
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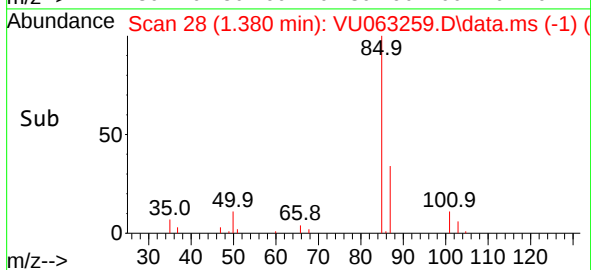
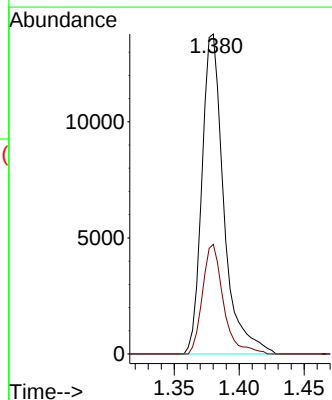
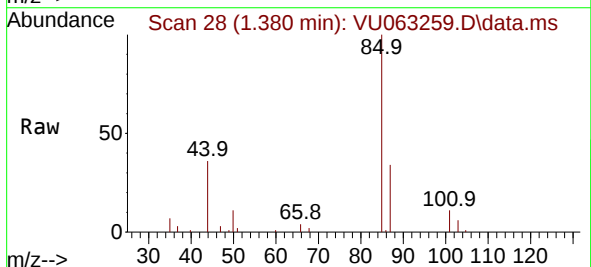
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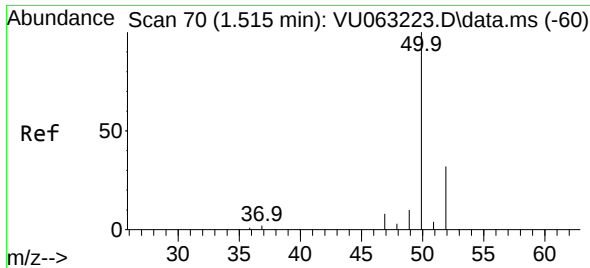


#2
Dichlorodifluoromethane
Concen: 1.043 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Tgt Ion: 85 Resp: 16173

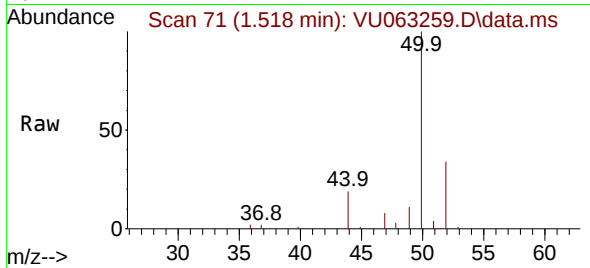
Ion	Ratio	Lower	Upper
85	100		
87	34.3	16.0	48.0





#3
Chloromethane
Concen: 1.107 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

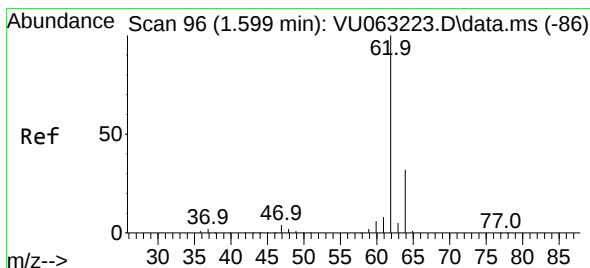
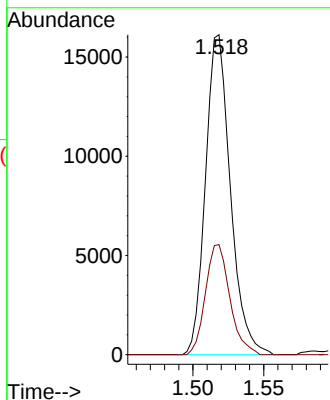
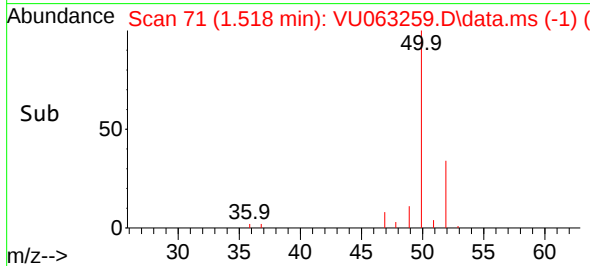
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 50 Resp: 19778
Ion Ratio Lower Upper
50 100
52 34.4 25.8 38.8

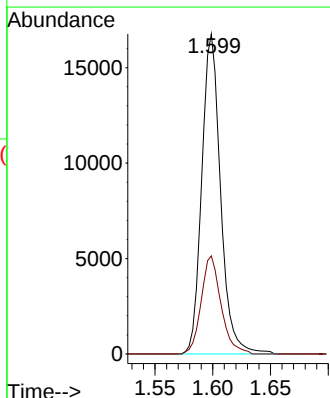
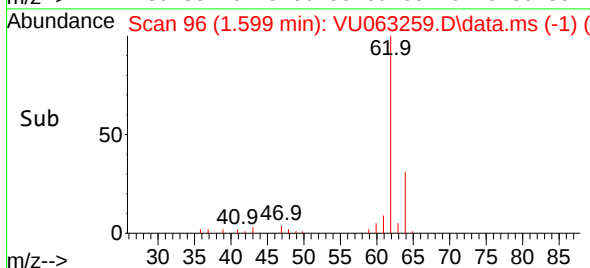
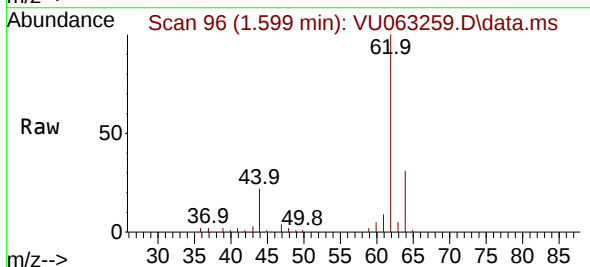
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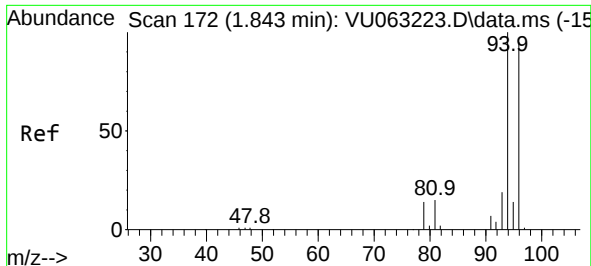
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#4
Vinyl Chloride
Concen: 1.075 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

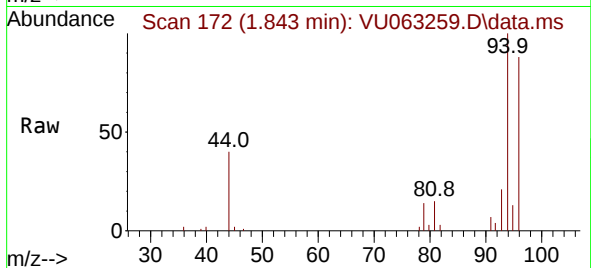
Tgt Ion: 62 Resp: 19003
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0





#5
Bromomethane
Concen: 1.244 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

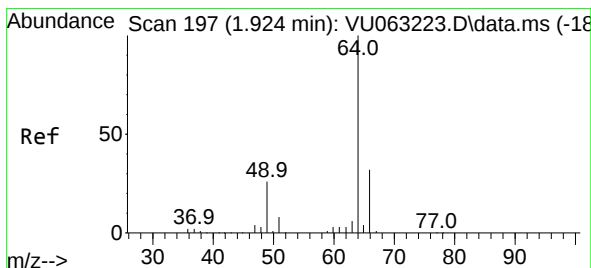
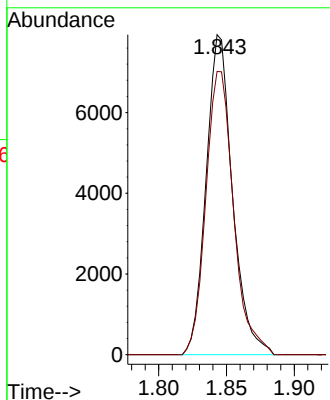
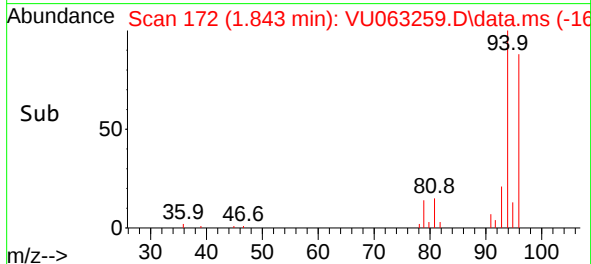
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 94 Resp: 10744
Ion Ratio Lower Upper
94 100
96 88.5 75.7 113.5

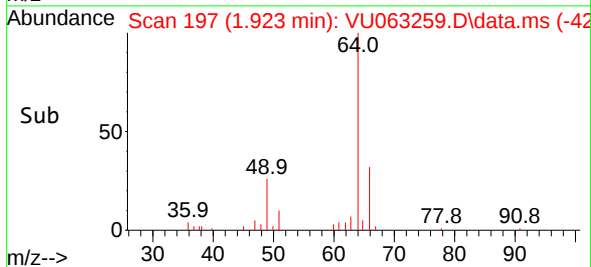
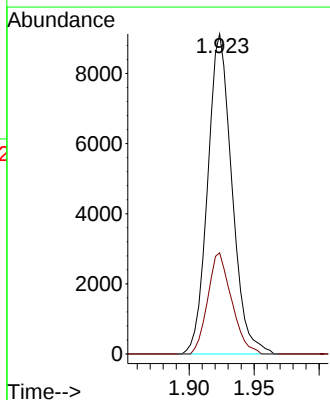
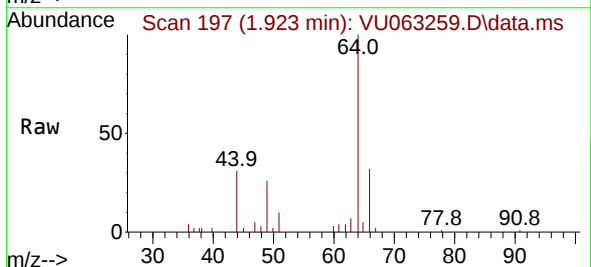
Manual Integrations
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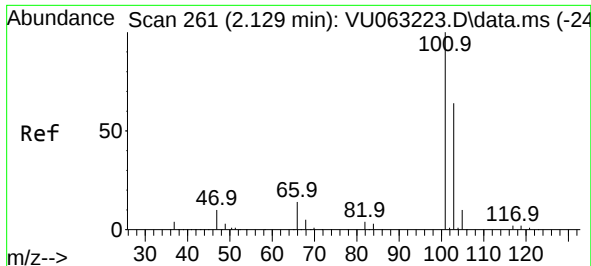
Reviewed By :Semsettin Yesilyurt 02/17/2025
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#6
Chloroethane
Concen: 1.064 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

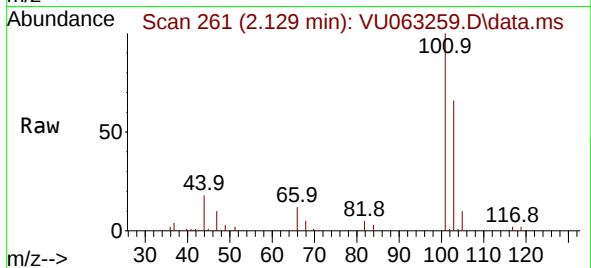
Tgt Ion: 64 Resp: 11845
Ion Ratio Lower Upper
64 100
66 31.6 25.8 38.8





#7
Trichlorofluoromethane
Concen: 1.105 ug/l
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

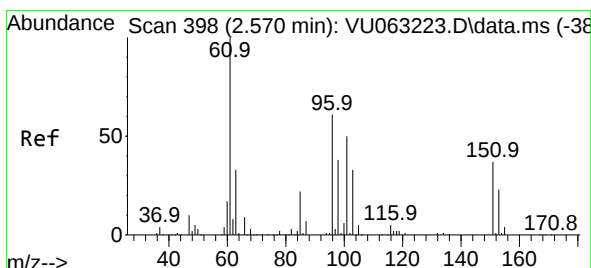
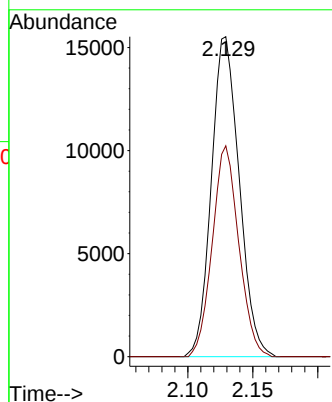
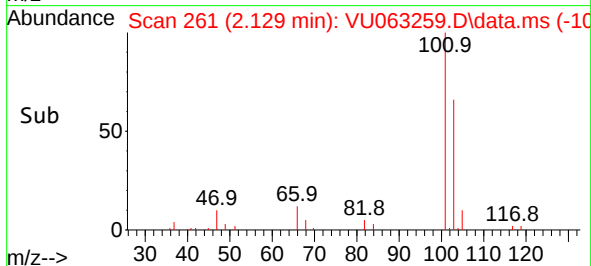
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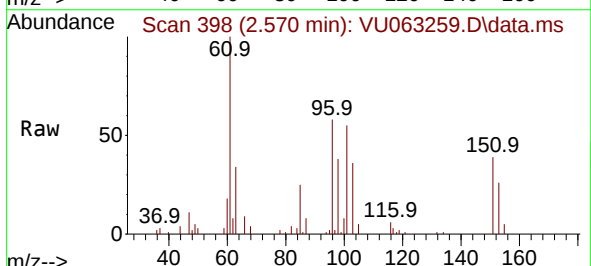
Tgt Ion:101 Resp: 2313
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2

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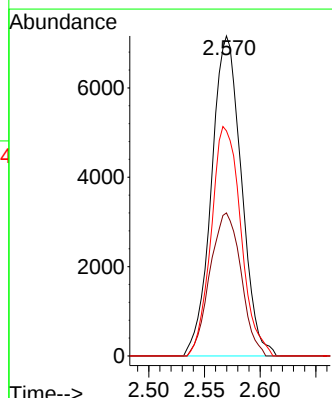
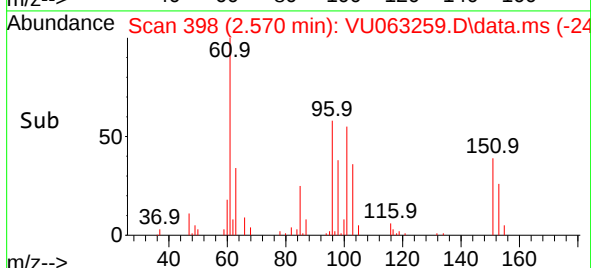
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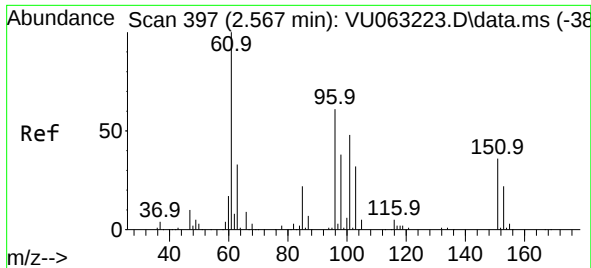


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.124 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



Tgt Ion:101 Resp: 13366
Ion Ratio Lower Upper
101 100
85 46.4 35.4 53.0
151 71.3 58.5 87.7





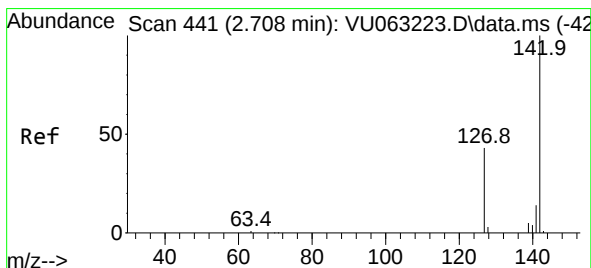
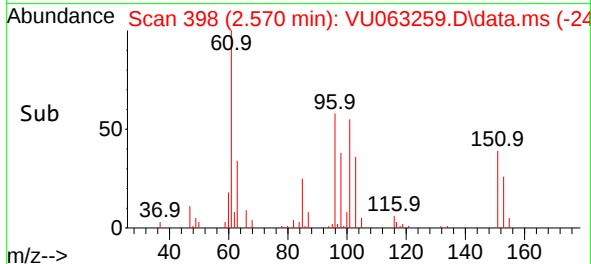
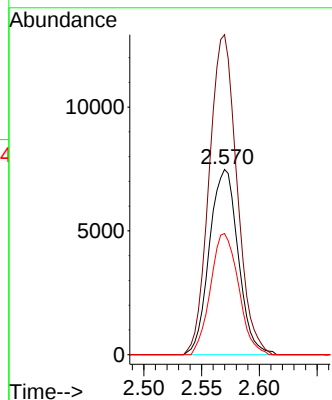
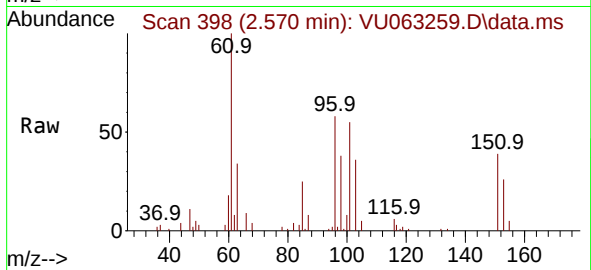
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1,1-Dichloroethene
Concen: 1.070 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 96 Resp: 1296
Ion Ratio Lower Upper
96 100
61 172.7 0.0 492.9
98 65.4 0.0 124.0

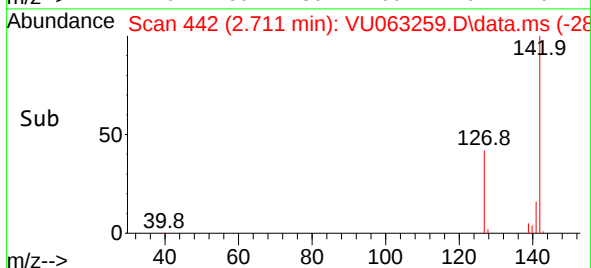
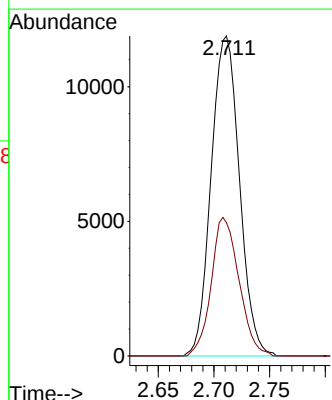
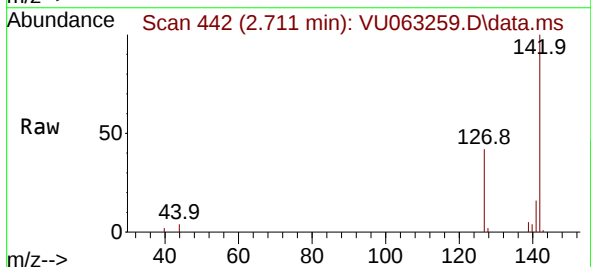
Manual Integrations
APPROVED

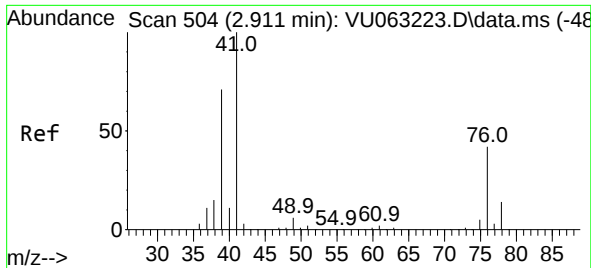
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#10
Iodomethane
Concen: 1.104 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Tgt Ion:142 Resp: 21014
Ion Ratio Lower Upper
142 100
127 42.4 34.5 51.7





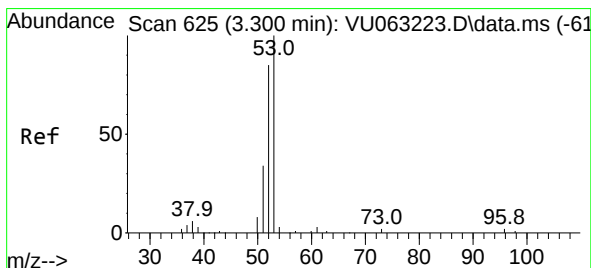
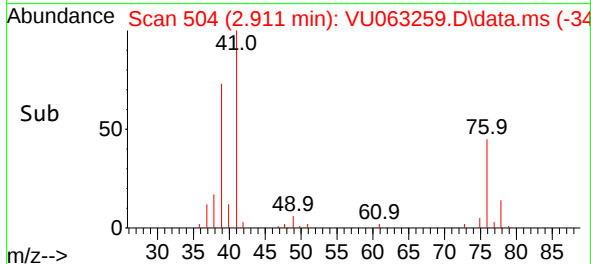
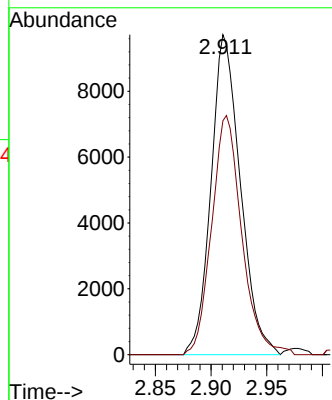
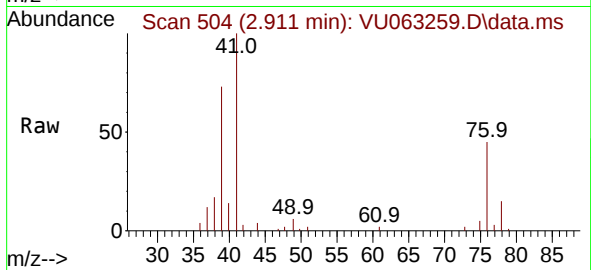
#11
 Allyl Chloride
 Concen: 1.025 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. -0.000 min
 Lab File: VU063259.D
 Acq: 12 Feb 2025 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion: 41 Resp: 17820
 Ion Ratio Lower Upper
 41 100
 39 76.5 57.9 86.9

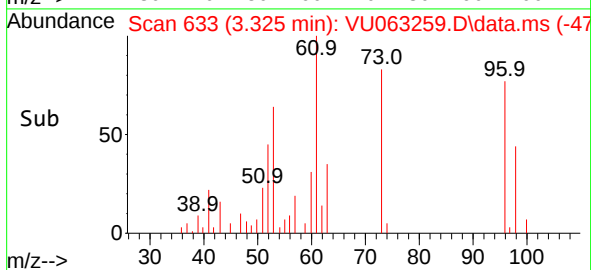
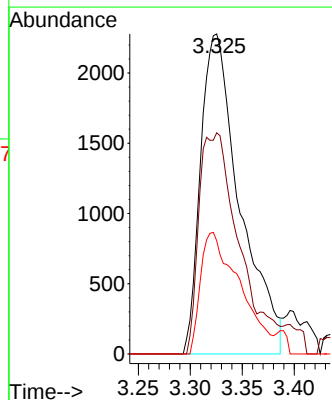
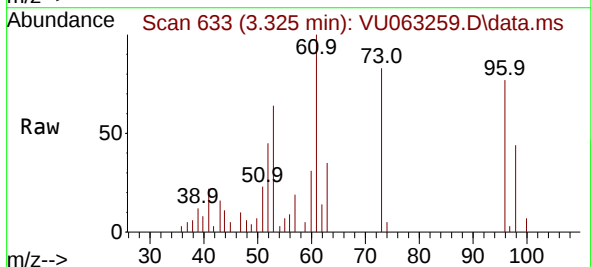
Manual Integrations
 APPROVED

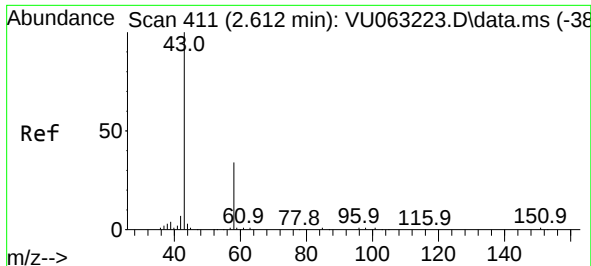
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#12
 Acrylonitrile
 Concen: 2.147 ug/l
 RT: 3.325 min Scan# 633
 Delta R.T. 0.026 min
 Lab File: VU063259.D
 Acq: 12 Feb 2025 17:09

Tgt Ion: 53 Resp: 5997
 Ion Ratio Lower Upper
 53 100
 52 70.8 64.2 96.2
 51 38.0 30.8 46.2





#13

Acetone

Concen: 5.522 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063259.D

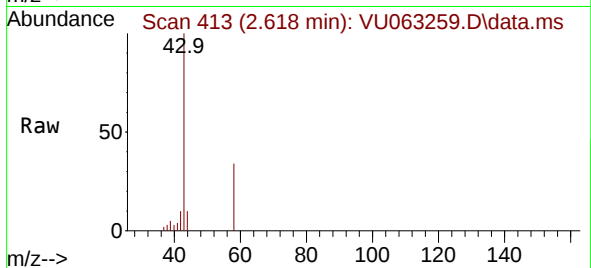
Acq: 12 Feb 2025 17:09

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion: 43 Resp: 11860

Ion Ratio Lower Upper

43 100

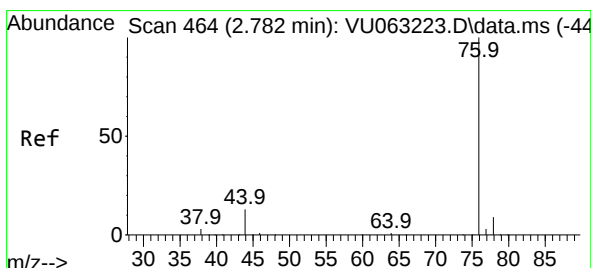
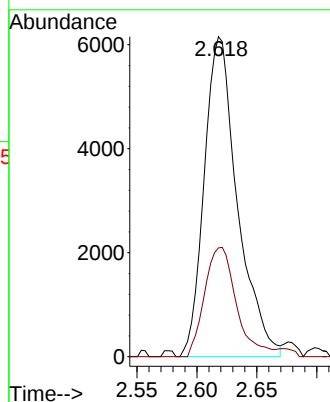
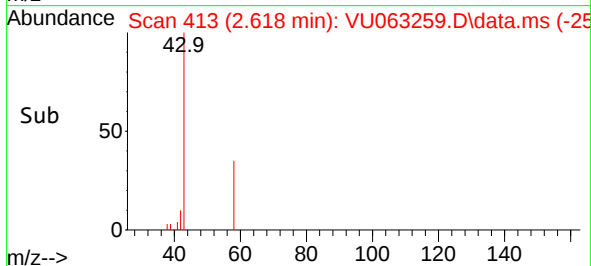
58 34.0 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#14

Carbon Disulfide

Concen: 1.043 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063259.D

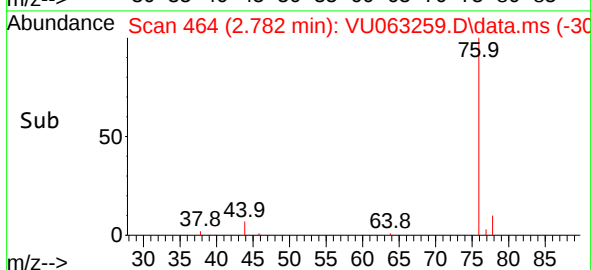
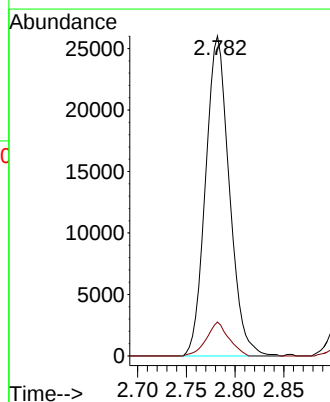
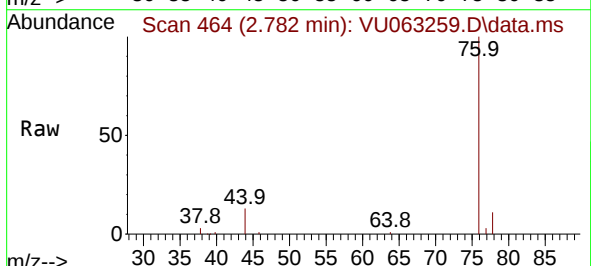
Acq: 12 Feb 2025 17:09

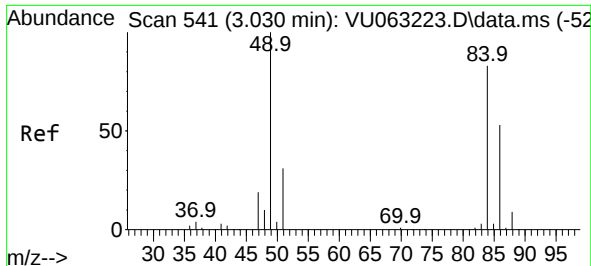
Tgt Ion: 76 Resp: 44176

Ion Ratio Lower Upper

76 100

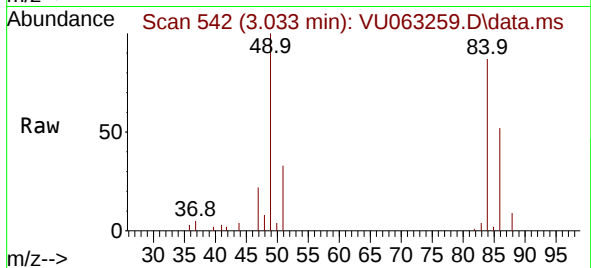
78 10.6 7.2 10.8





#15
Methylene Chloride
Concen: 1.152 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

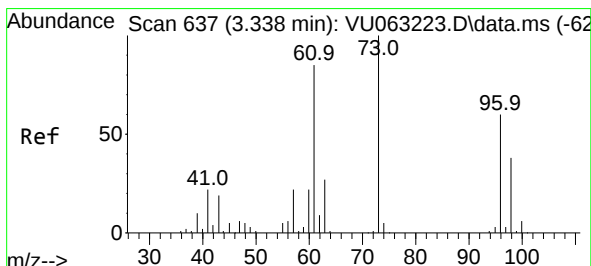
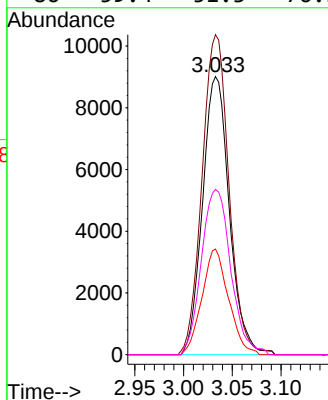
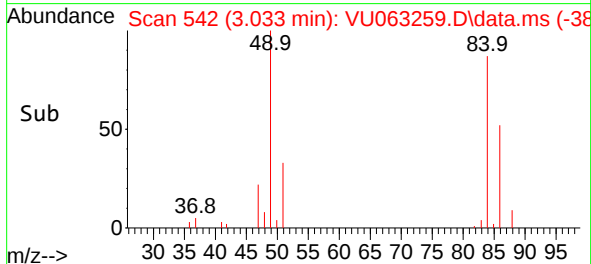
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 84 Resp: 17230
Ion Ratio Lower Upper
84 100
49 115.1 96.4 144.6
51 38.0 0.0 74.8
86 59.4 51.3 76.9

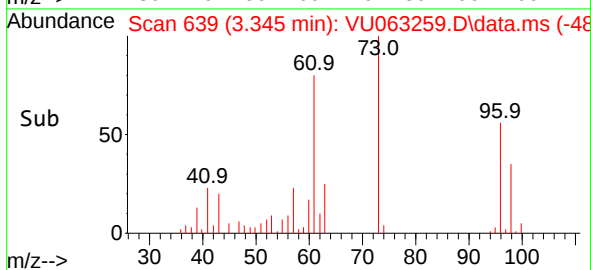
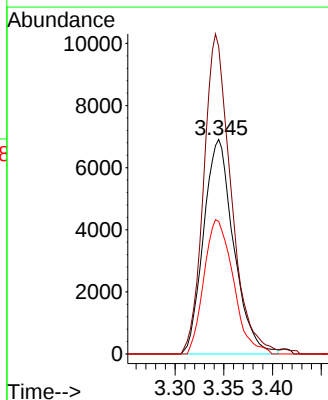
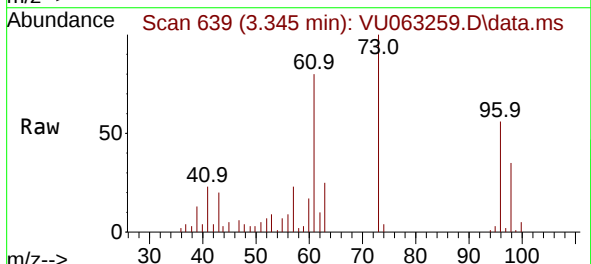
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APPROVED

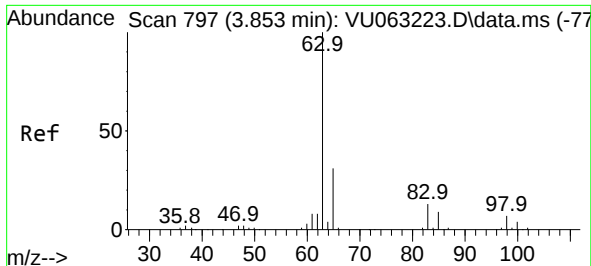
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#16
trans-1,2-Dichloroethene
Concen: 1.071 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.006 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Tgt Ion: 96 Resp: 14801
Ion Ratio Lower Upper
96 100
61 143.3 113.4 170.2
98 61.8 51.2 76.8





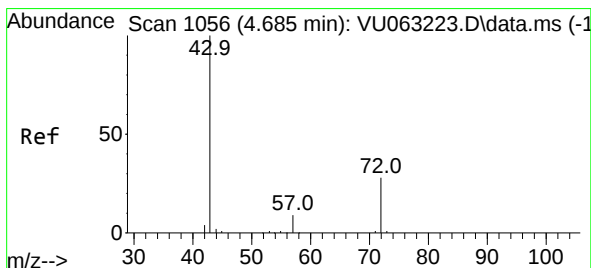
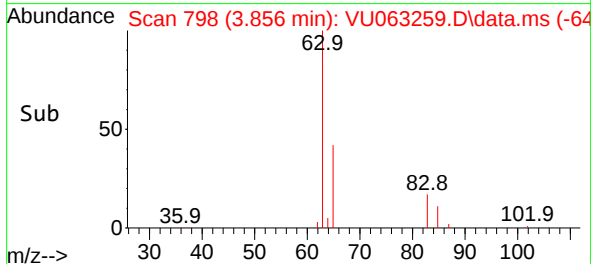
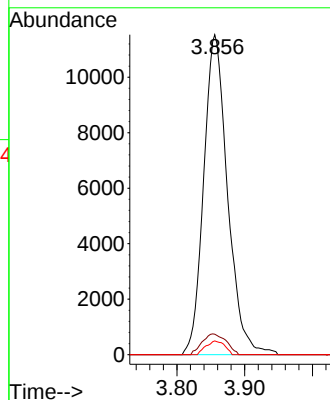
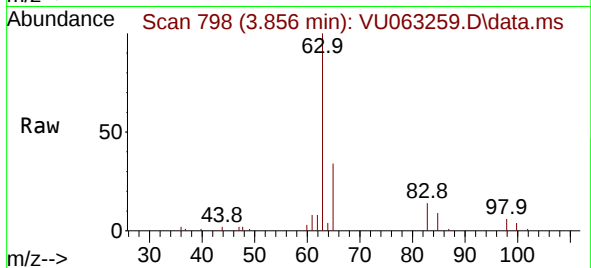
#17
 1,1-Dichloroethane
 Concen: 1.086 ug/l
 RT: 3.856 min Scan# 797
 Delta R.T. 0.003 min
 Lab File: VU063259.D
 Acq: 12 Feb 2025 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion: 63 Resp: 28289
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.3 2.1 6.2

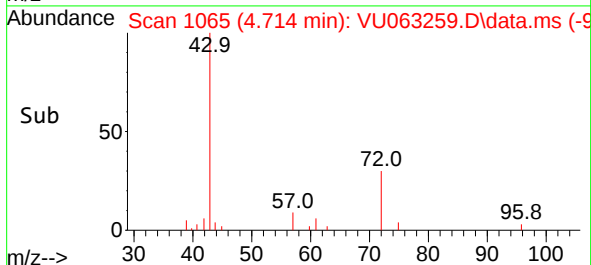
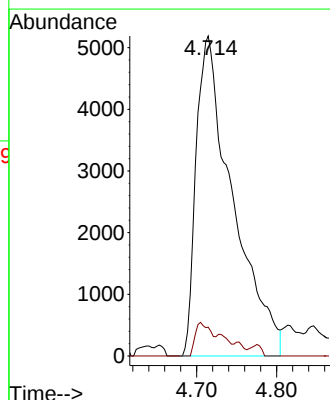
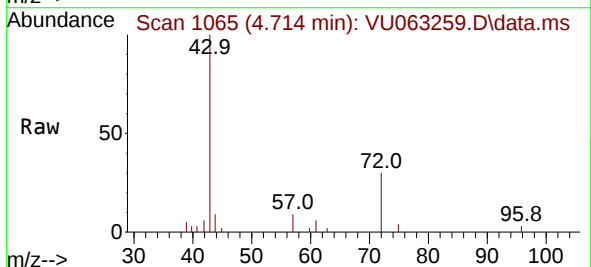
Manual Integrations
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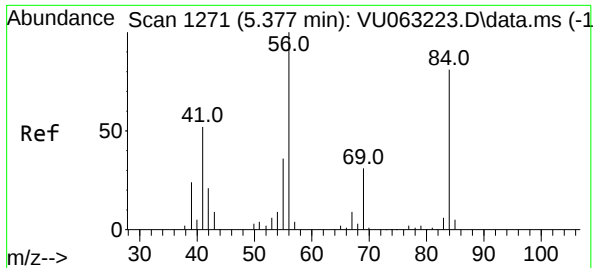
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#18
 2-Butanone
 Concen: 4.808 ug/l
 RT: 4.714 min Scan# 1065
 Delta R.T. 0.029 min
 Lab File: VU063259.D
 Acq: 12 Feb 2025 17:09

Tgt Ion: 43 Resp: 16436
 Ion Ratio Lower Upper
 43 100
 57 9.0 0.0 17.0





#19

Cyclohexane

Concen: 0.970 ug/l m

RT: 5.373 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Instrument :

MSVOA_U

ClientSampleId :

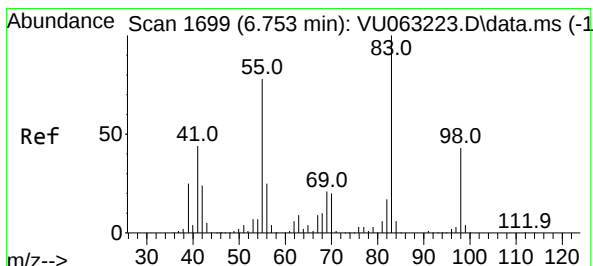
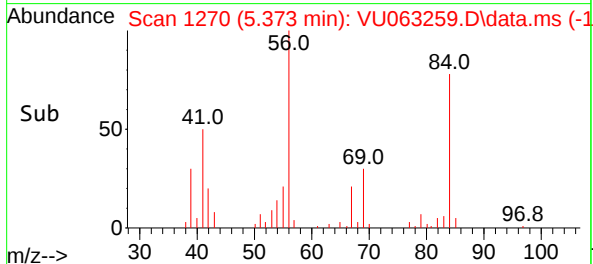
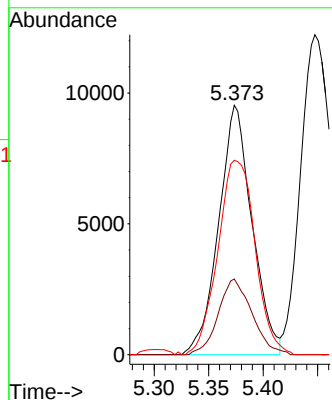
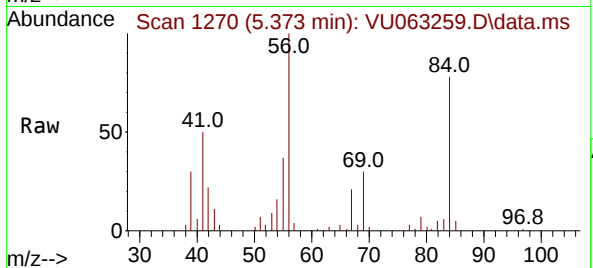
LOQ-WATER-02-QT1-2025

Tgt Ion:	56	Resp:	2030
Ion Ratio	Lower	Upper	
56	100		
69	30.7	24.5	36.7
84	87.0	65.2	97.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#20

Methylcyclohexane

Concen: 1.006 ug/l

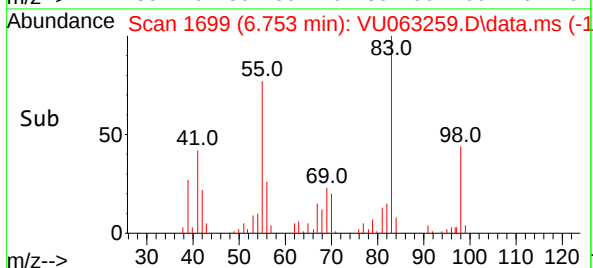
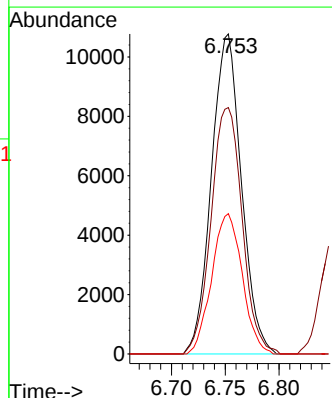
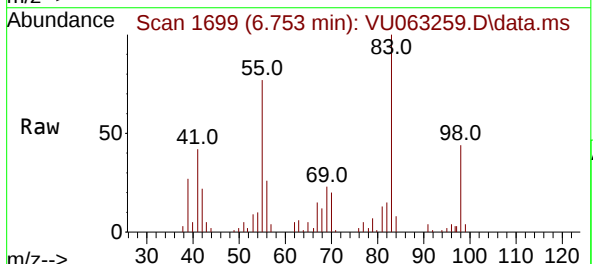
RT: 6.753 min Scan# 1699

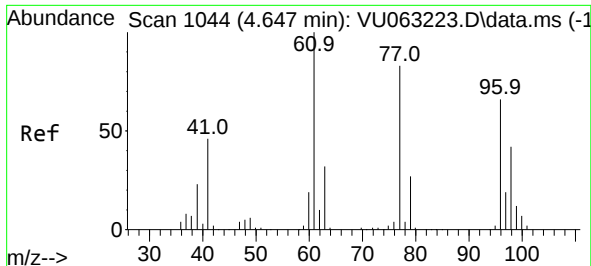
Delta R.T. -0.000 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

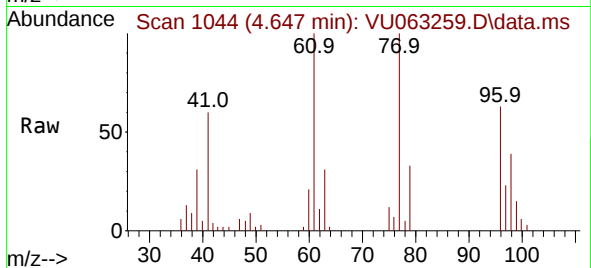
Tgt Ion:	83	Resp:	20880
Ion Ratio	Lower	Upper	
83	100		
55	79.9	63.1	94.7
98	44.7	35.2	52.8





#21
2,2-Dichloropropane
Concen: 1.018 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

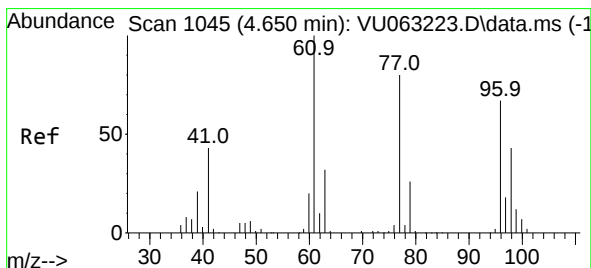
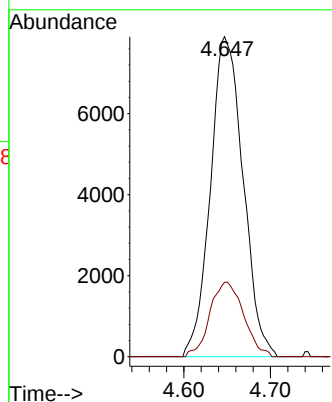
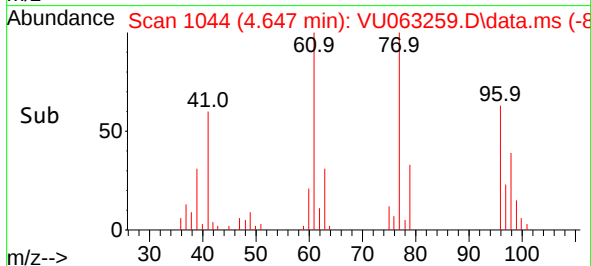
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



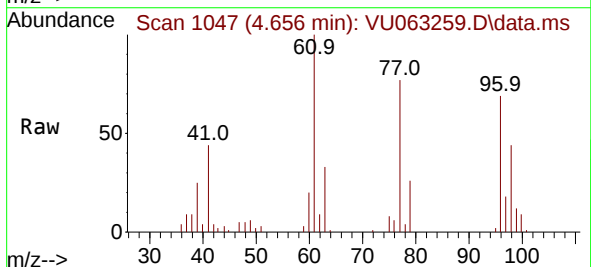
Tgt Ion: 77 Resp: 2068
Ion Ratio Lower Upper
77 100
97 24.0 18.5 27.7

Manual Integrations
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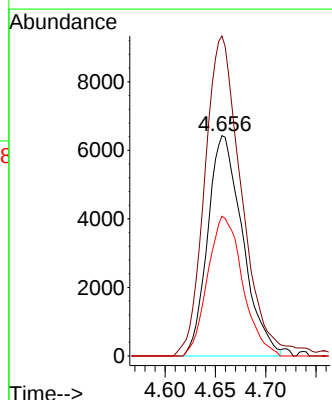
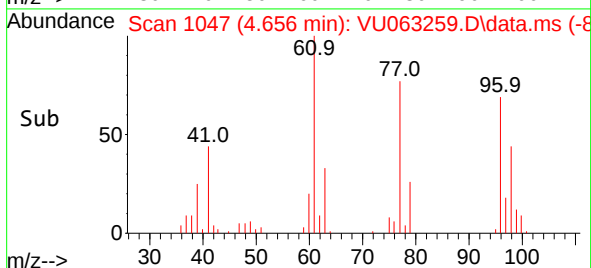
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

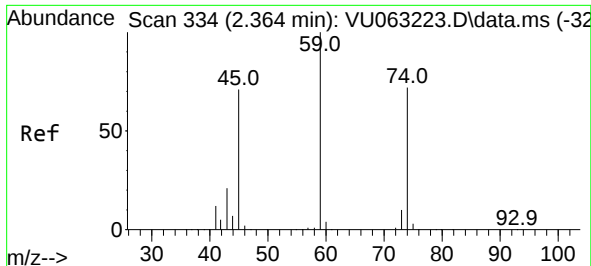


#22
cis-1,2-Dichloroethene
Concen: 1.036 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



Tgt Ion: 96 Resp: 15476
Ion Ratio Lower Upper
96 100
61 153.5 0.0 373.3
98 63.5 31.9 95.9





#23

Diethyl Ether

Concen: 1.053 ug/l

RT: 2.367 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Instrument :

MSVOA_U

ClientSampleId :

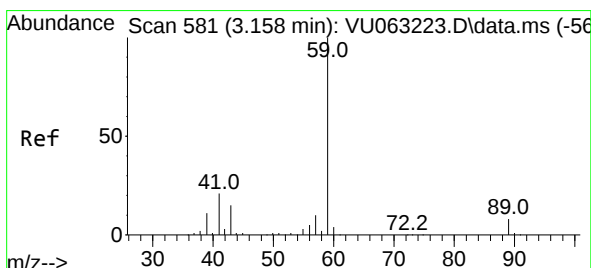
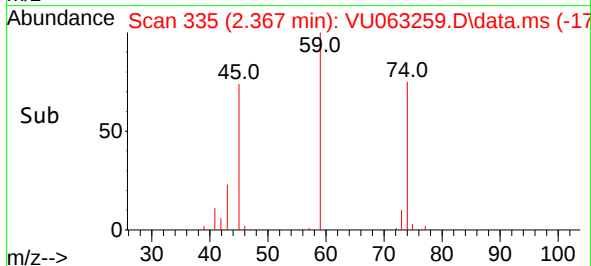
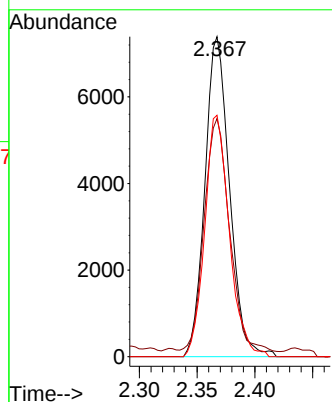
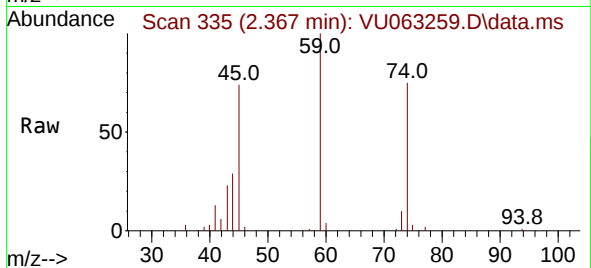
LOQ-WATER-02-QT1-2025

Tgt Ion: 59 Resp: 10940

Ion	Ratio	Lower	Upper
59	100		
45	76.4	57.8	86.6
74	75.2	57.7	86.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#24

tert-Butyl Alcohol

Concen: 13.188 ug/l

RT: 3.168 min Scan# 584

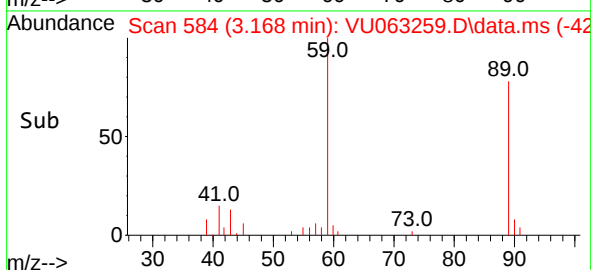
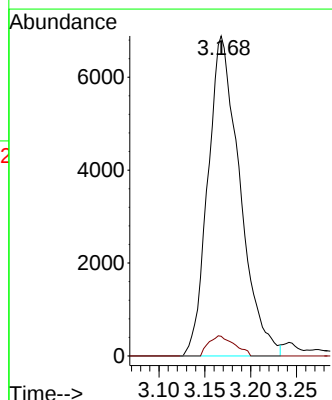
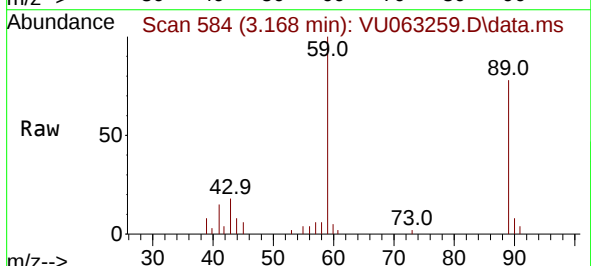
Delta R.T. 0.010 min

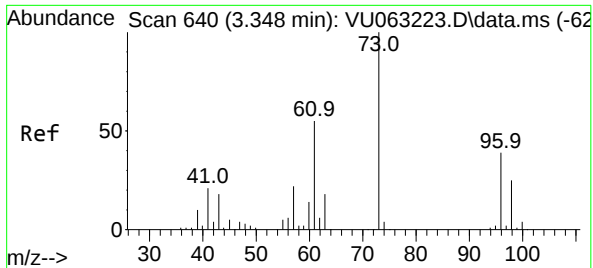
Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Tgt Ion: 59 Resp: 16671

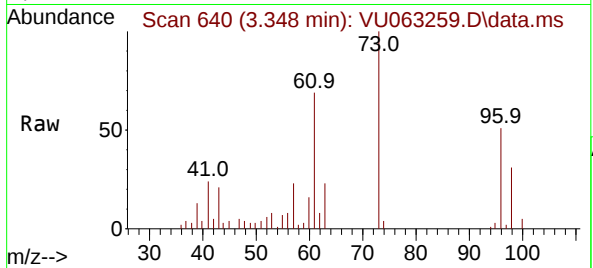
Ion	Ratio	Lower	Upper
59	100		
57	5.0	7.5	11.3





#25
Methyl tert-Butyl Ether
Concen: 1.040 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

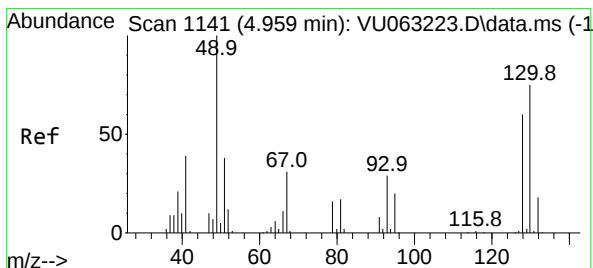
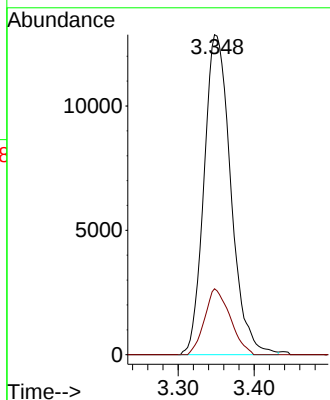
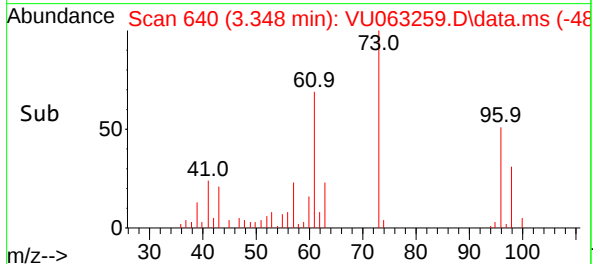
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



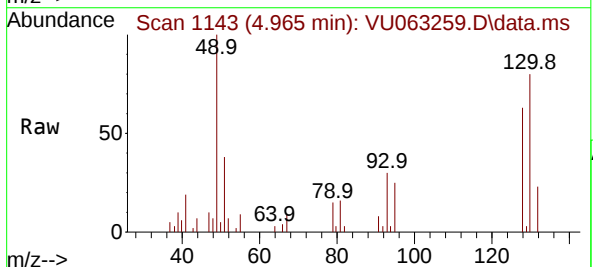
Tgt Ion: 73 Resp: 3144
Ion Ratio Lower Upper
73 100
43 19.7 14.9 22.3

Manual Integrations
APPROVED

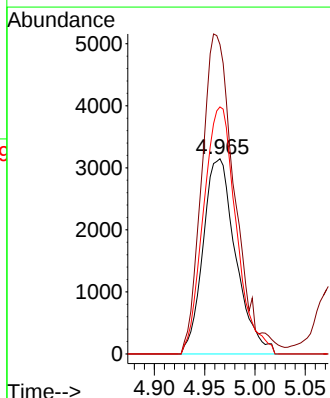
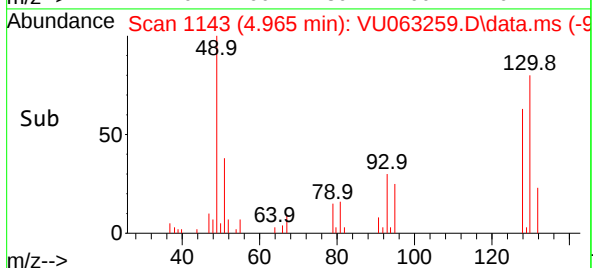
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

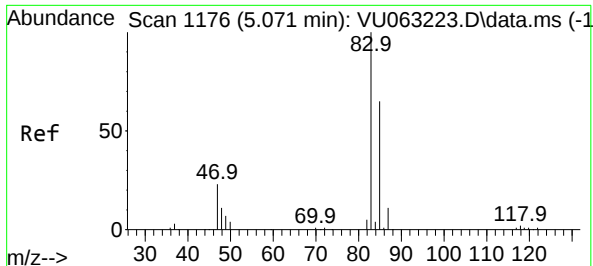


#26
Bromochloromethane
Concen: 1.087 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



Tgt Ion:128 Resp: 7097
Ion Ratio Lower Upper
128 100
49 165.1 0.0 343.4
130 127.2 102.9 154.3





#27

Chloroform

Concen: 1.058 ug/l

RT: 5.078 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 83 Resp: 27818

Ion Ratio Lower Upper

83 100

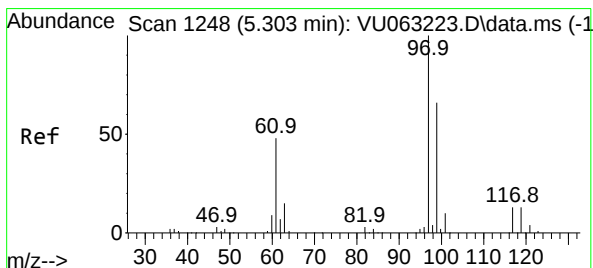
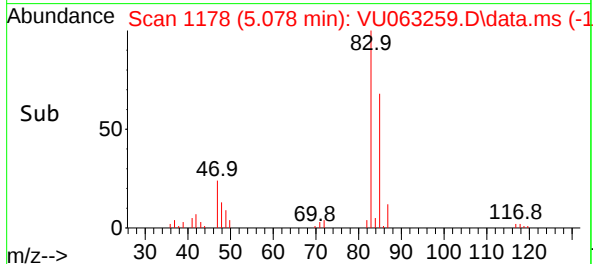
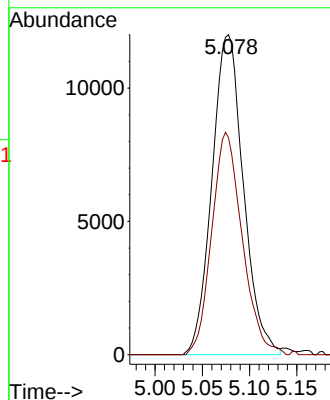
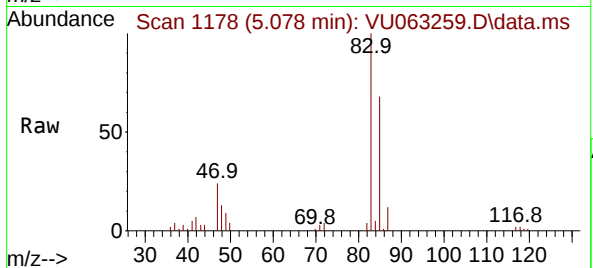
85 67.8 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#28

1,1,1-Trichloroethane

Concen: 1.102 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

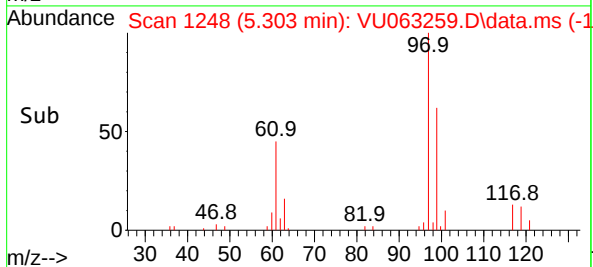
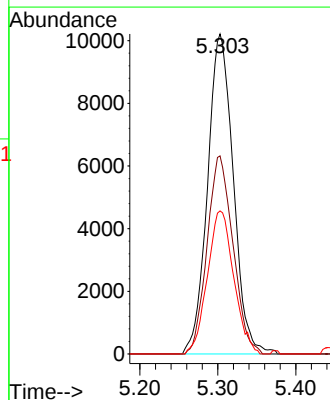
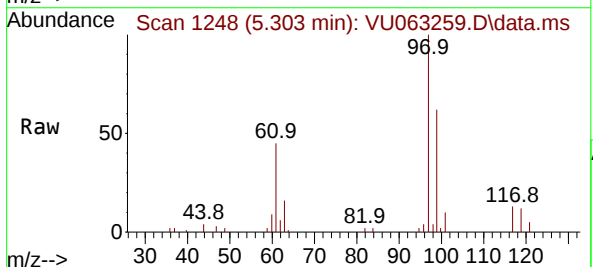
Tgt Ion: 97 Resp: 23472

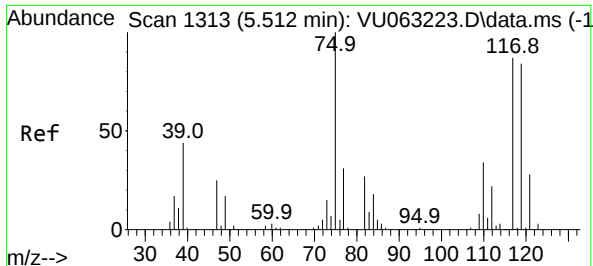
Ion Ratio Lower Upper

97 100

99 62.1 32.4 97.0

61 45.7 23.8 71.2





#29

1,1-Dichloropropene

Concen: 1.081 ug/l

RT: 5.518 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

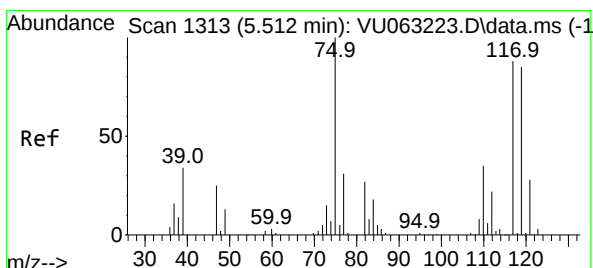
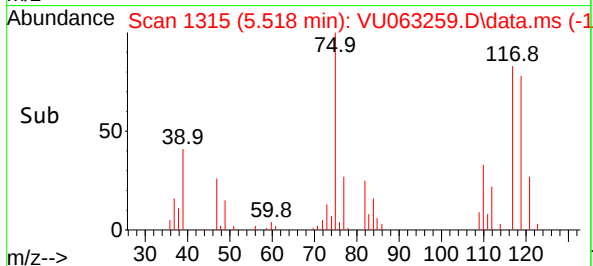
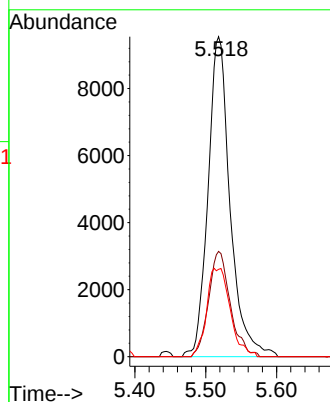
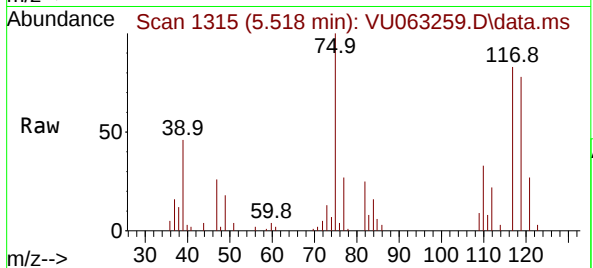
Tgt Ion: 75	Resp: 2061
Ion Ratio	Lower Upper
75 100	
110 32.4	17.2 51.5
77 29.4	24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#30

Carbon Tetrachloride

Concen: 1.033 ug/l

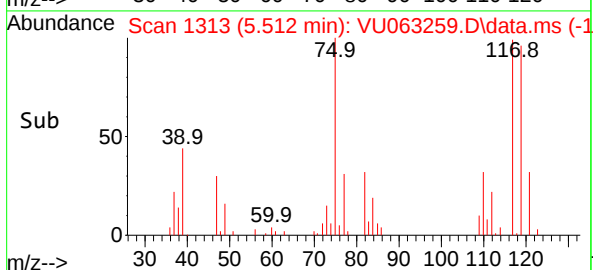
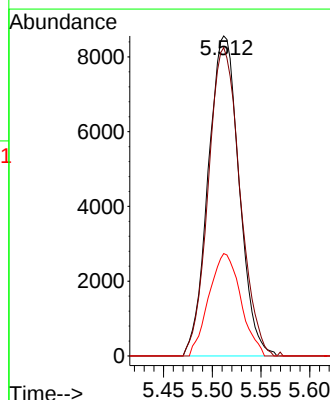
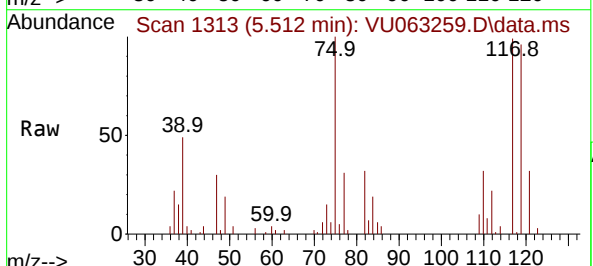
RT: 5.512 min Scan# 1313

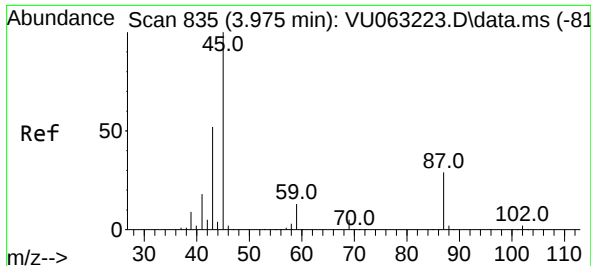
Delta R.T. -0.000 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

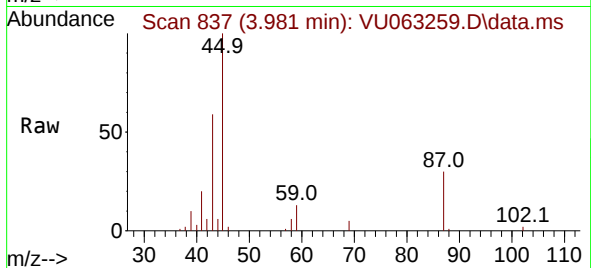
Tgt Ion: 117	Resp: 18870
Ion Ratio	Lower Upper
117 100	
119 96.4	76.7 115.1
121 32.0	25.5 38.3





#31
Isopropyl Ether
Concen: 0.970 ug/l
RT: 3.981 min Scan# 81
Delta R.T. 0.006 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

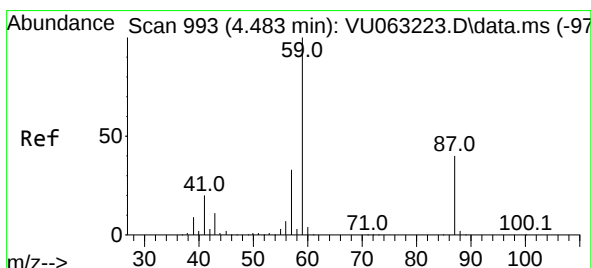
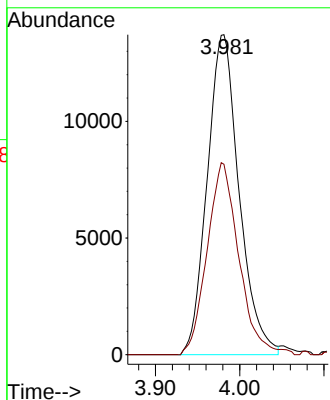
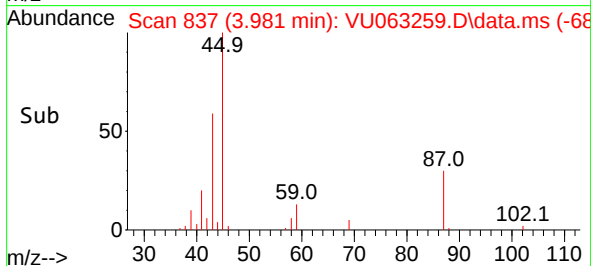
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



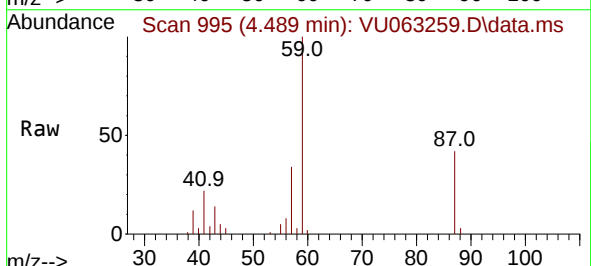
Tgt Ion: 45 Resp: 36090
Ion Ratio Lower Upper
45 100
43 59.6 25.7 77.1

Manual Integrations
APPROVED

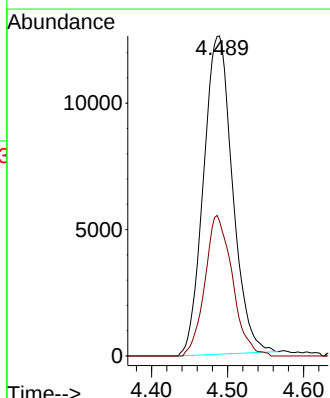
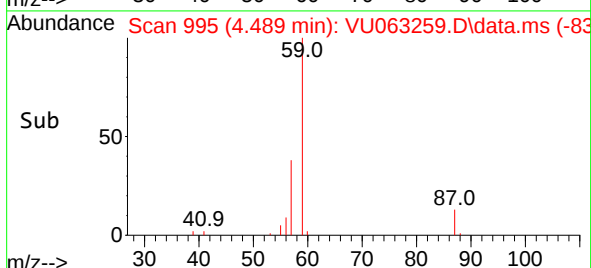
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

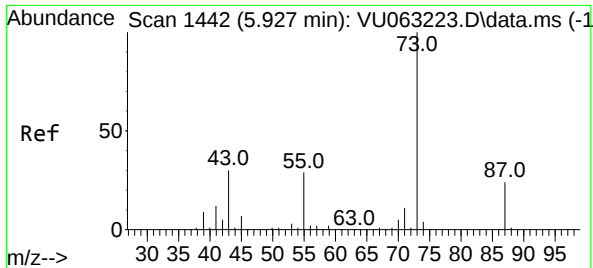


#32
Ethyl-t-butyl ether
Concen: 0.988 ug/l
RT: 4.489 min Scan# 995
Delta R.T. 0.006 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



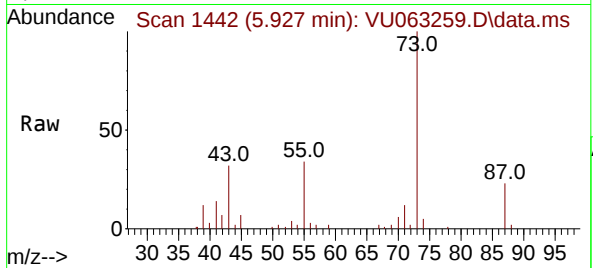
Tgt Ion: 59 Resp: 33416
Ion Ratio Lower Upper
59 100
87 41.8 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 1.003 ug/l
RT: 5.927 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

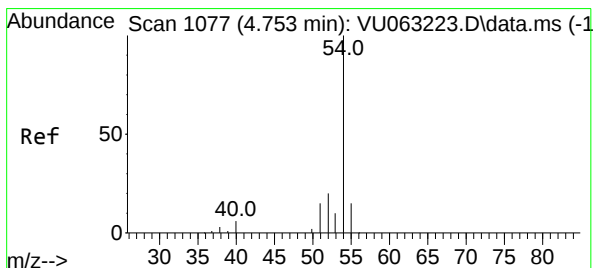
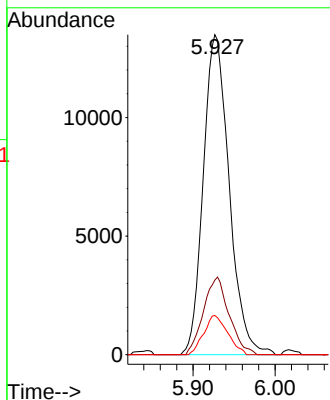
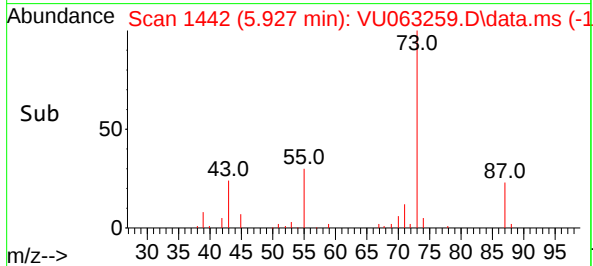
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



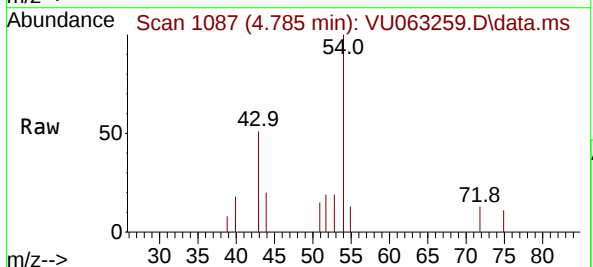
Tgt Ion: 73 Resp: 29629
Ion Ratio Lower Upper
73 100
87 23.9 18.9 28.3
71 11.3 9.0 13.4

Manual Integrations
APPROVED

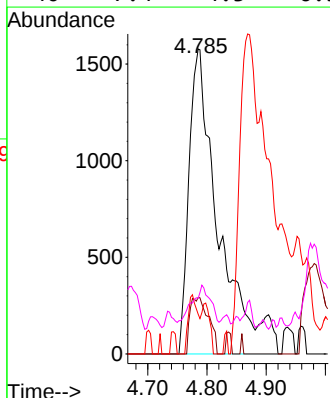
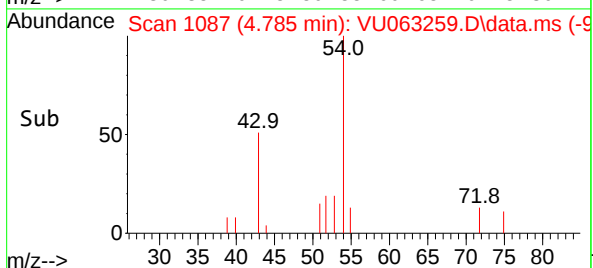
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

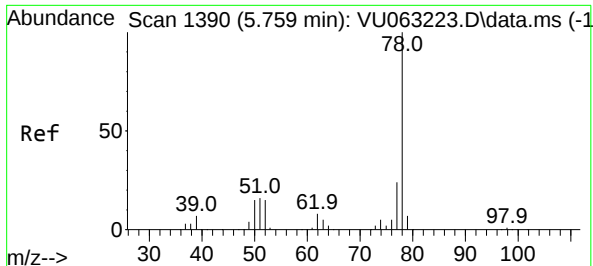


#34
Propionitrile
Concen: 5.330 ug/l m
RT: 4.785 min Scan# 1087
Delta R.T. 0.032 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



Tgt Ion: 54 Resp: 5495
Ion Ratio Lower Upper
54 100
52 11.6 16.3 24.5#
55 4.5 11.8 17.6#
40 7.4 4.3 6.5#





#35

Benzene

Concen: 1.057 ug/l

RT: 5.763 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 78 Resp: 62014

Ion Ratio Lower Upper

78 100

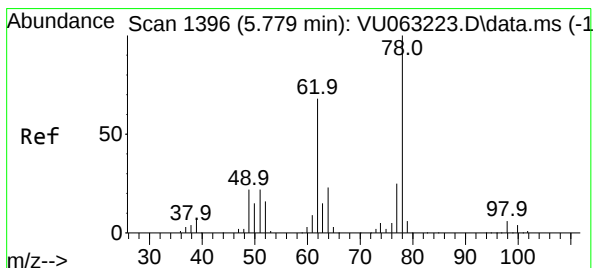
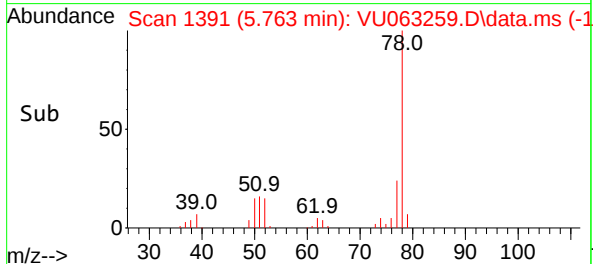
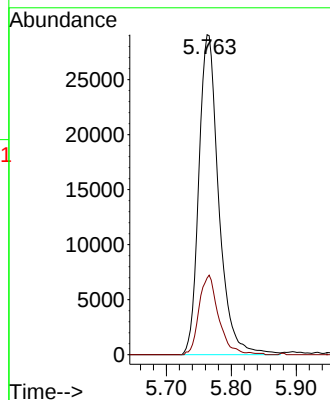
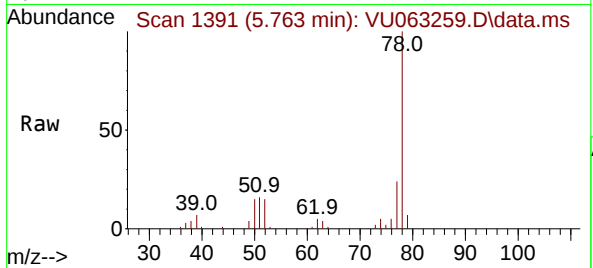
77 24.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#36

1,2-Dichloroethane

Concen: 1.043 ug/l

RT: 5.785 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VU063259.D

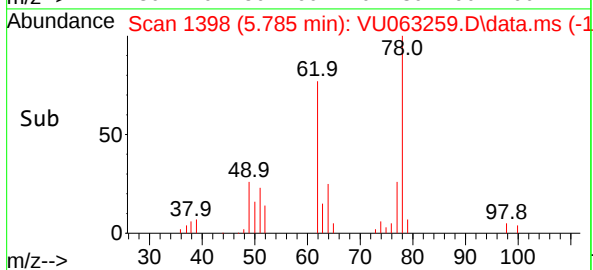
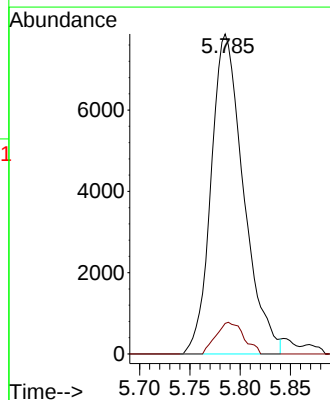
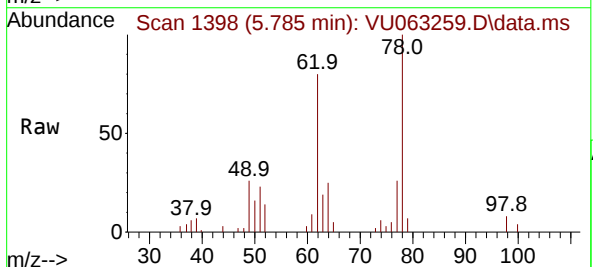
Acq: 12 Feb 2025 17:09

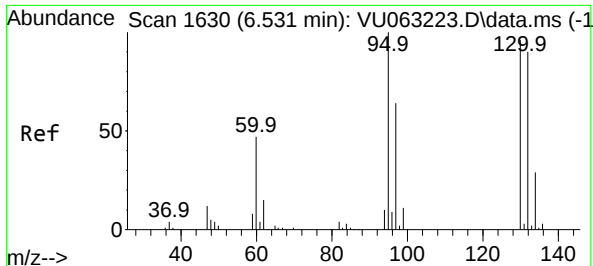
Tgt Ion: 62 Resp: 17657

Ion Ratio Lower Upper

62 100

98 8.5 6.9 10.3





#37

Trichloroethene

Concen: 1.072 ug/l

RT: 6.534 min Scan# 1630

Delta R.T. 0.003 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:130 Resp: 14949

Ion Ratio Lower Upper

130 100

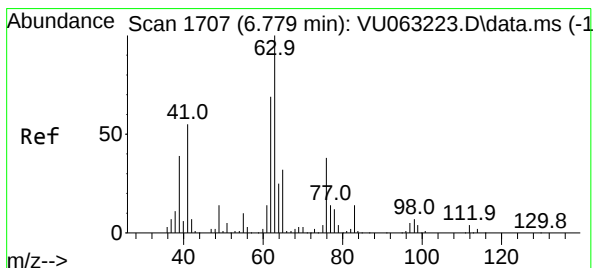
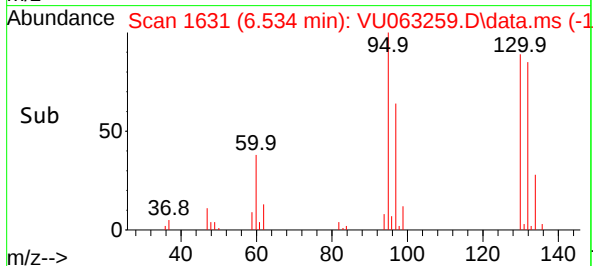
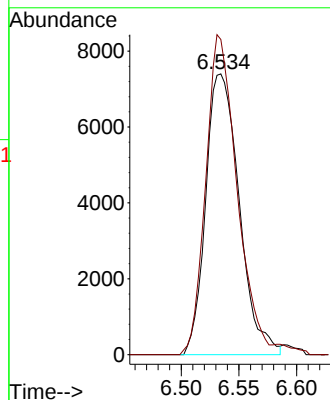
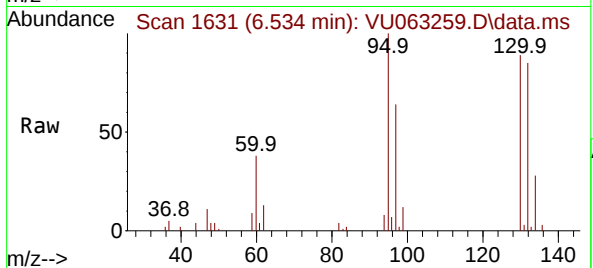
95 112.2 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#38

1,2-Dichloropropane

Concen: 1.029 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063259.D

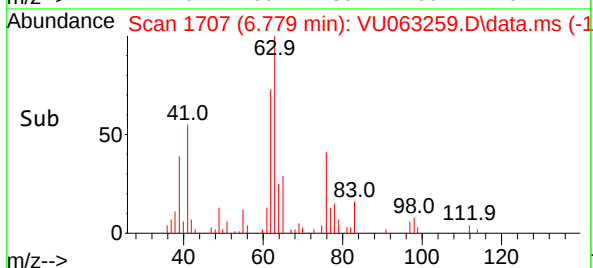
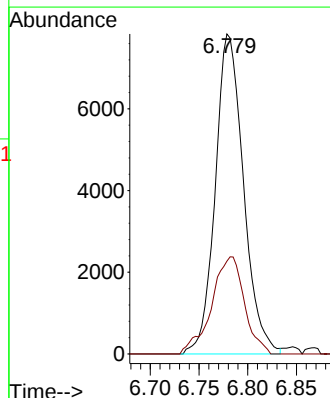
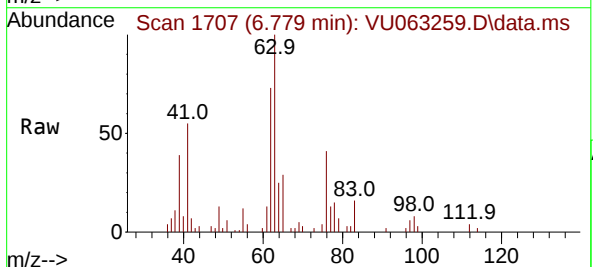
Acq: 12 Feb 2025 17:09

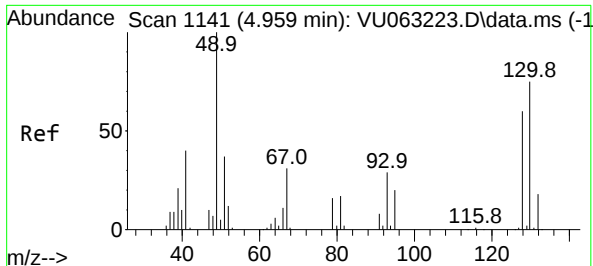
Tgt Ion: 63 Resp: 15791

Ion Ratio Lower Upper

63 100

65 29.0 25.3 37.9





#39

Methacrylonitrile

Concen: 0.896 ug/l m

RT: 4.981 min Scan# 1141

Delta R.T. 0.022 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

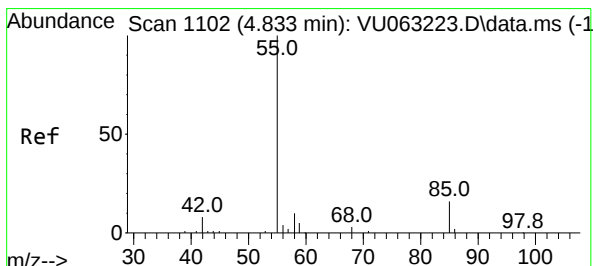
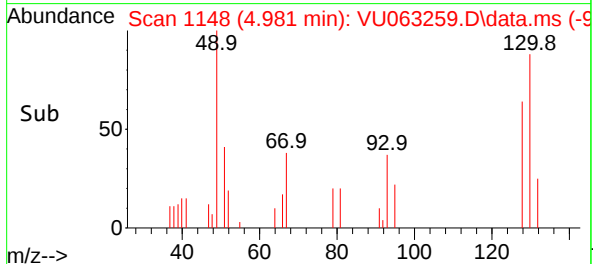
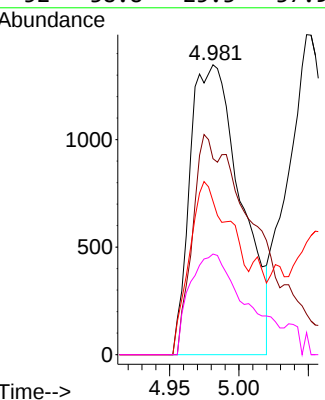
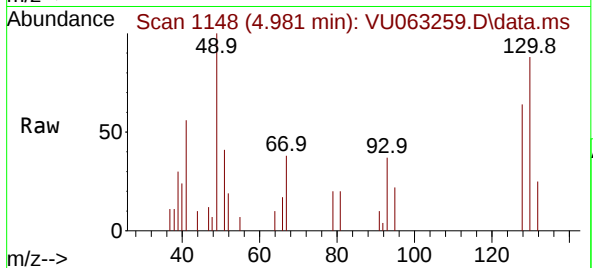
Tgt Ion: 41 Resp: 344

Ion	Ratio	Lower	Upper
41	100		
67	36.1	64.5	96.7
39	52.6	43.0	64.6
52	38.8	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#40

Methyl acrylate

Concen: 1.031 ug/l m

RT: 4.869 min Scan# 1113

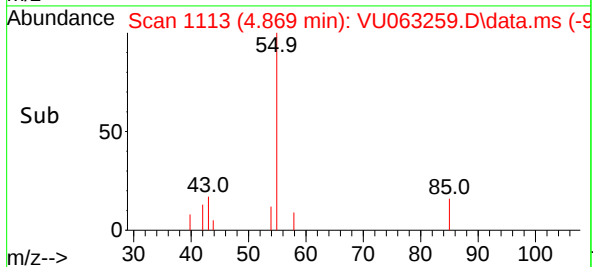
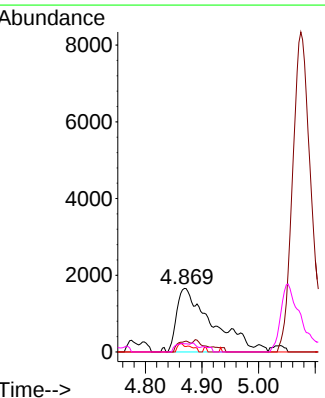
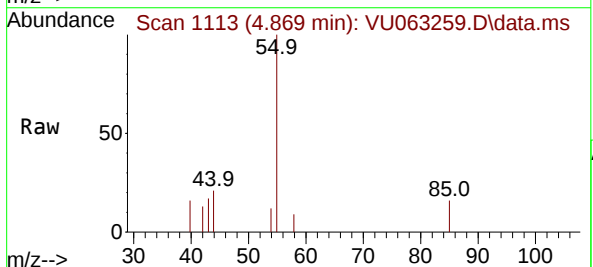
Delta R.T. 0.035 min

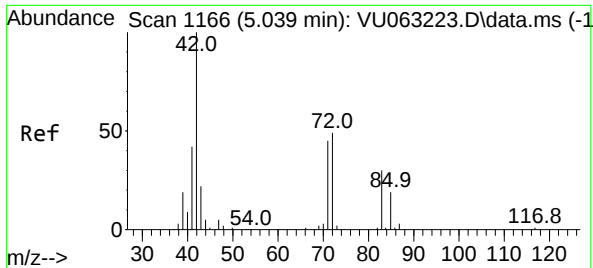
Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Tgt Ion: 55 Resp: 7298

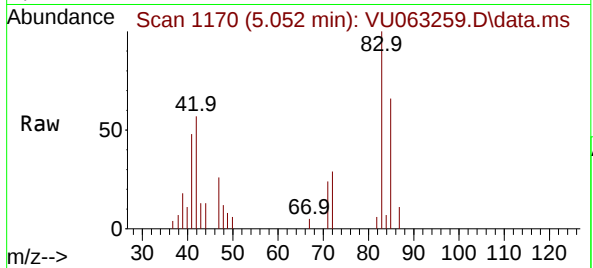
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9
58	4.7	7.3	10.9
42	5.1	6.9	10.3





#41
Tetrahydrofuran
Concen: 2.051 ug/l
RT: 5.052 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

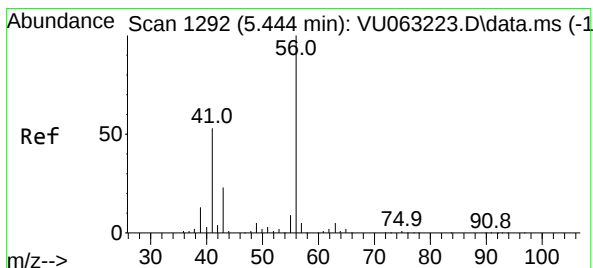
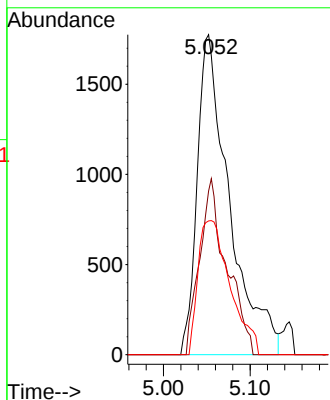
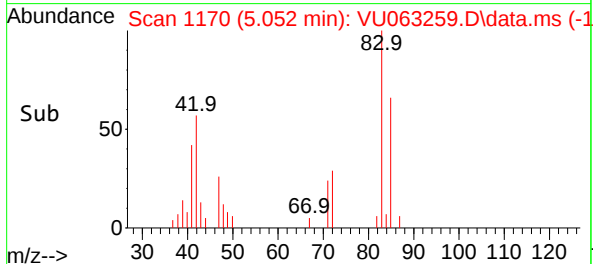
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025



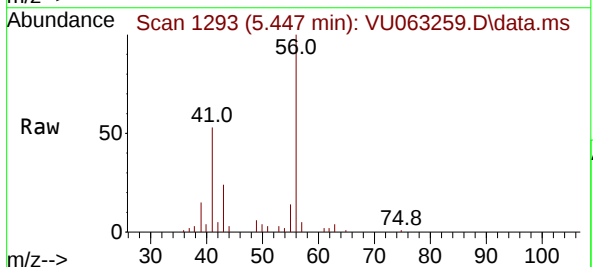
Tgt Ion: 42 Resp: 4584
Ion Ratio Lower Upper
42 100
72 46.1 41.5 62.3
71 41.7 37.2 55.8

Manual Integrations
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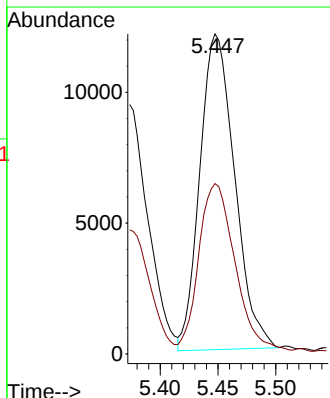
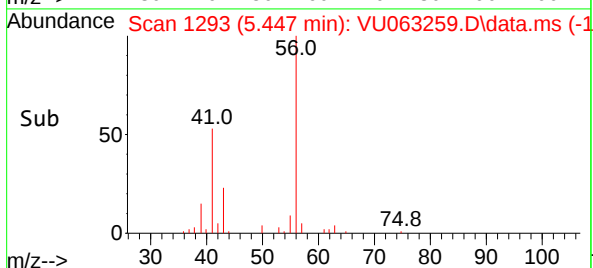
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

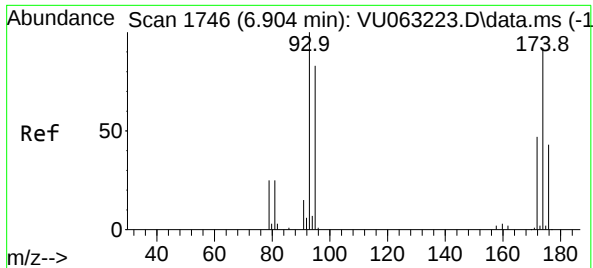


#42
1-Chlorobutane
Concen: 0.969 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



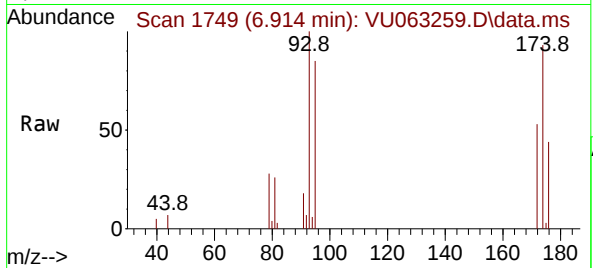
Tgt Ion: 56 Resp: 25293
Ion Ratio Lower Upper
56 100
41 55.3 26.3 78.8





#43
Dibromomethane
Concen: 1.080 ug/l
RT: 6.914 min Scan# 1746
Delta R.T. 0.010 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

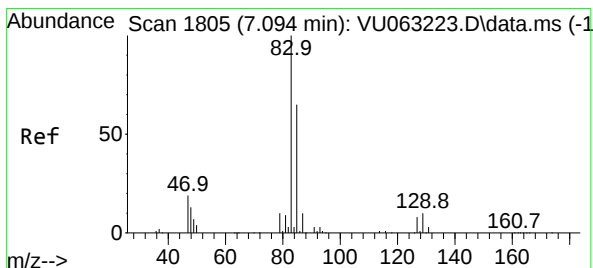
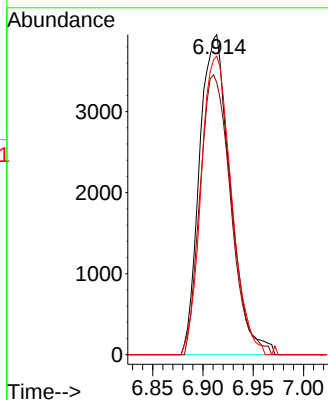
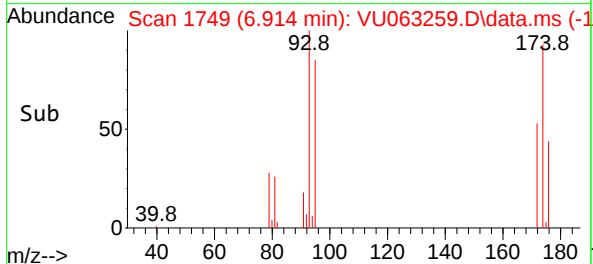
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



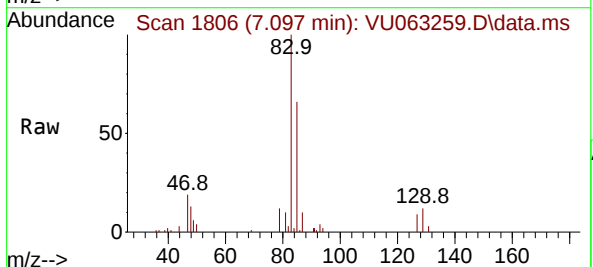
Tgt Ion: 93 Resp: 839
Ion Ratio Lower Upper
93 100
95 87.1 67.2 100.8
174 91.4 75.7 113.5

Manual Integrations
APPROVED

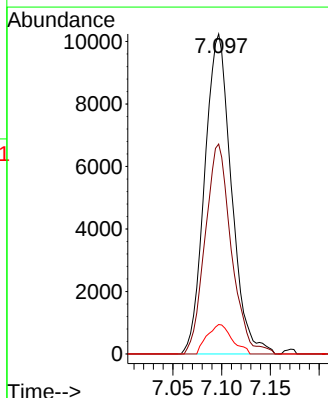
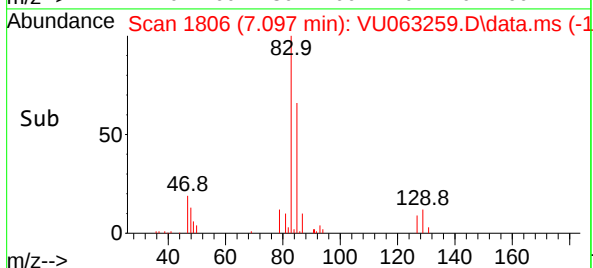
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

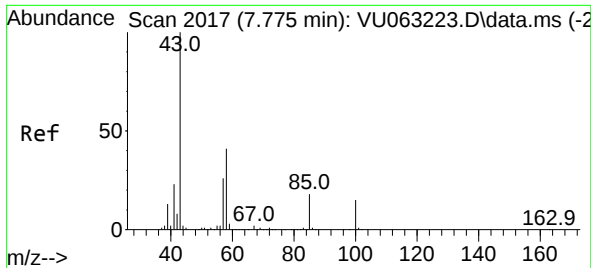


#44
Bromodichloromethane
Concen: 1.077 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



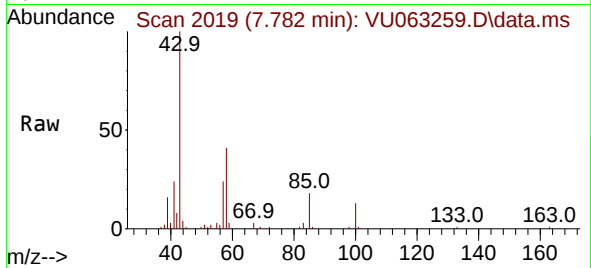
Tgt Ion: 83 Resp: 19486
Ion Ratio Lower Upper
83 100
85 65.6 51.7 77.5
127 9.2 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 4.875 ug/l
RT: 7.782 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

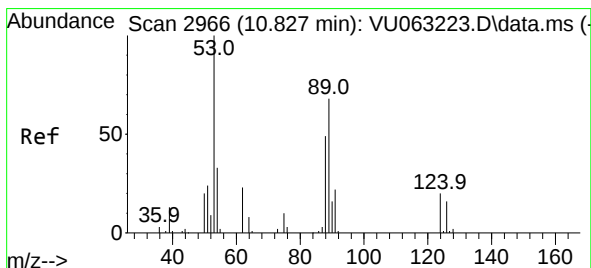
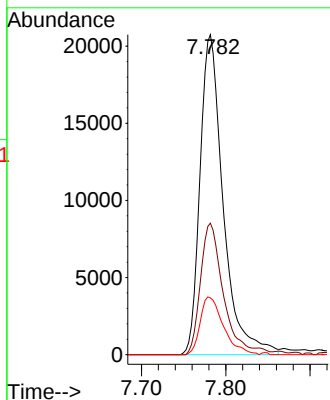
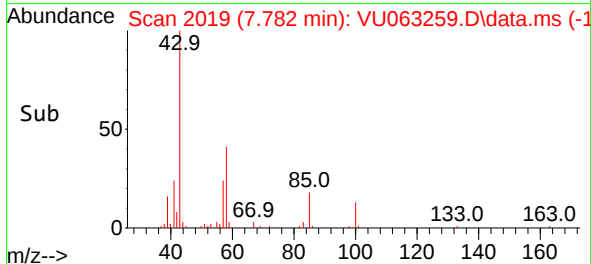
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 43 Resp: 3973
Ion Ratio Lower Upper
43 100
58 40.8 20.8 62.5
85 18.1 14.8 22.2

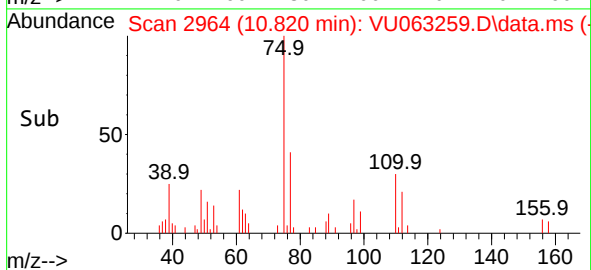
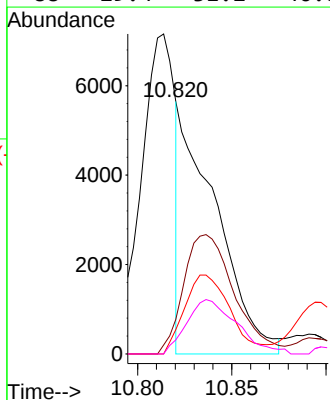
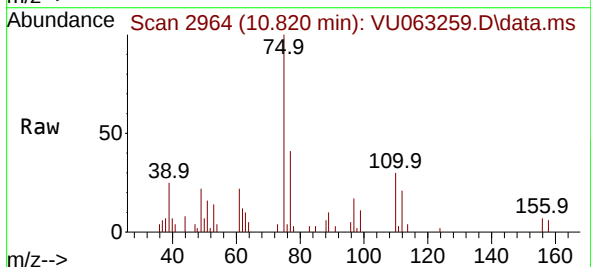
Manual Integrations
APPROVED

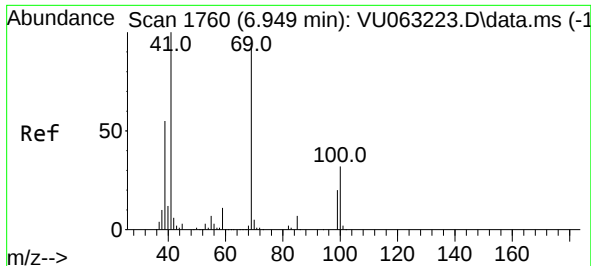
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#46
t-1,4-Dichloro-2-butene
Concen: 1.994 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.006 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

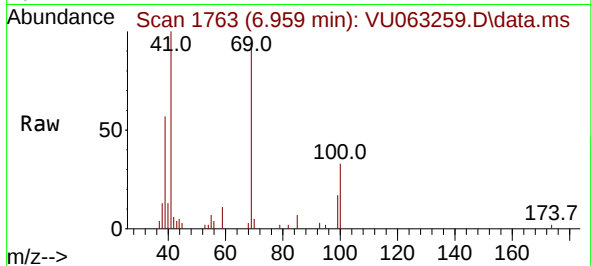
Tgt Ion: 75 Resp: 7638
Ion Ratio Lower Upper
75 100
53 65.5 64.5 96.7
89 39.1 43.4 65.2#
88 29.4 31.2 46.8#





#47
Methyl methacrylate
Concen: 1.951 ug/l m
RT: 6.959 min Scan# 1763
Delta R.T. 0.010 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

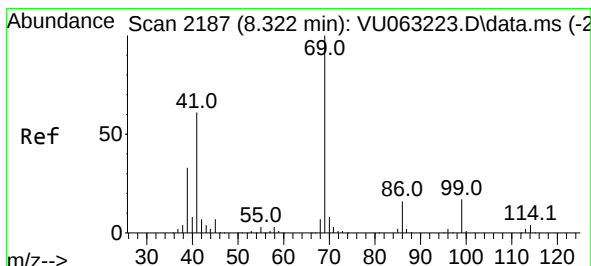
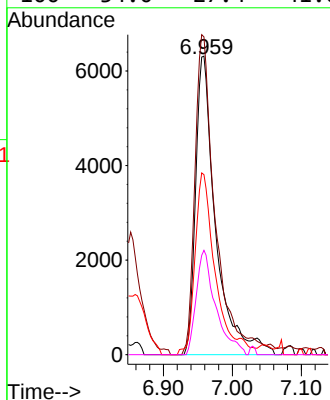
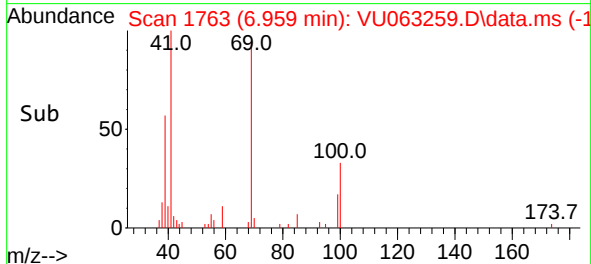
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 69 Resp: 12774
Ion Ratio Lower Upper
69 100
41 108.7 0.0 217.0
39 58.8 47.7 71.5
100 34.0 27.4 41.0

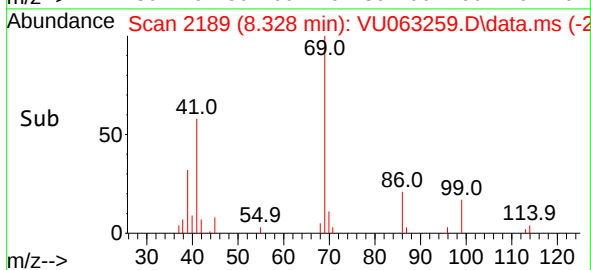
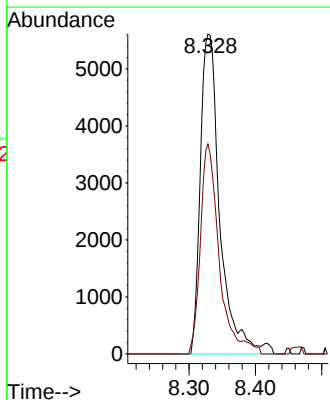
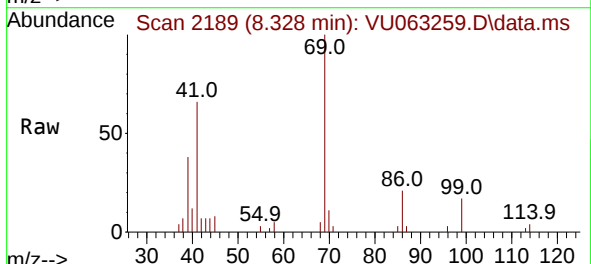
Manual Integrations
APPROVED

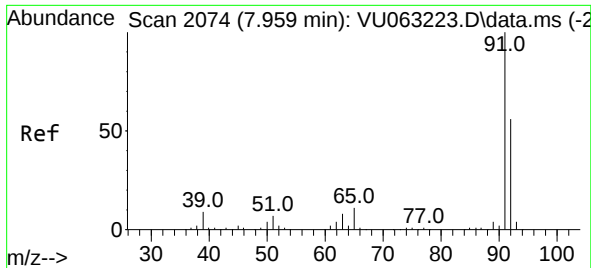
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#48
Ethyl methacrylate
Concen: 0.932 ug/l m
RT: 8.328 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Tgt Ion: 69 Resp: 11464
Ion Ratio Lower Upper
69 100
41 63.1 30.6 92.0





#49

Toluene

Concen: 1.012 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 92 Resp: 34150

Ion Ratio Lower Upper

92 100

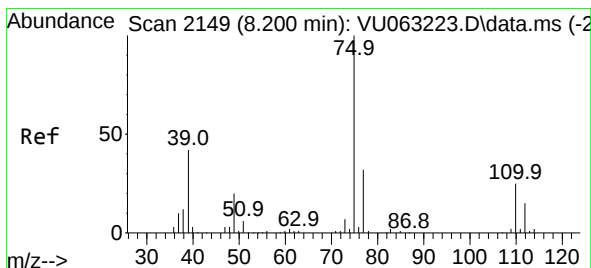
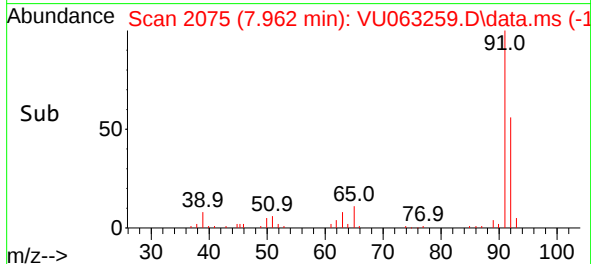
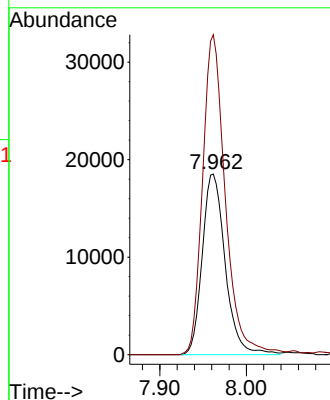
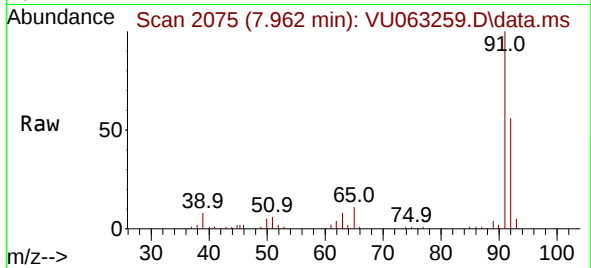
91 175.2 141.8 212.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#50

t-1,3-Dichloropropene

Concen: 0.979 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063259.D

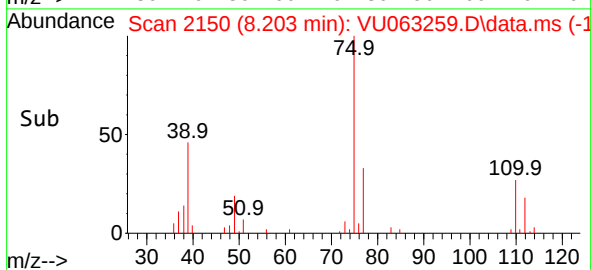
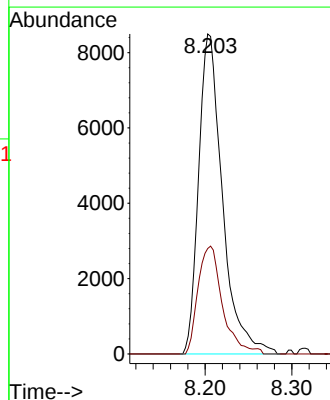
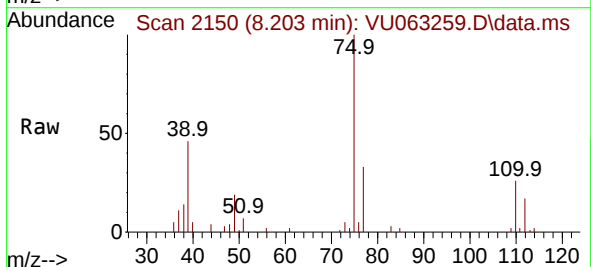
Acq: 12 Feb 2025 17:09

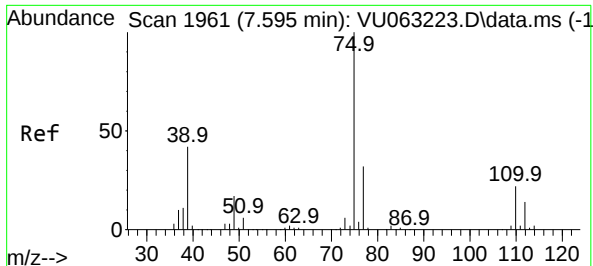
Tgt Ion: 75 Resp: 16220

Ion Ratio Lower Upper

75 100

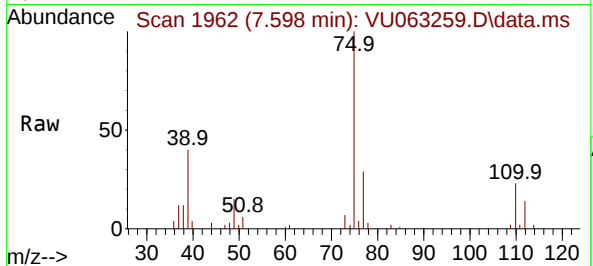
77 32.9 25.9 38.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.051 ug/l
 RT: 7.598 min Scan# 1961
 Delta R.T. 0.003 min
 Lab File: VU063259.D
 Acq: 12 Feb 2025 17:09

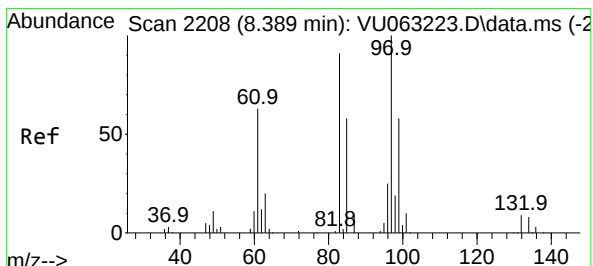
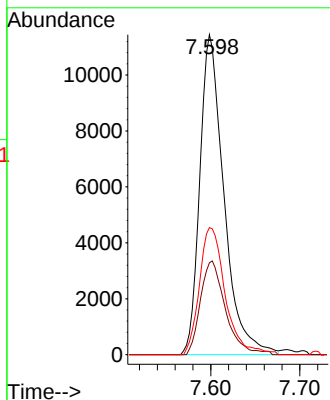
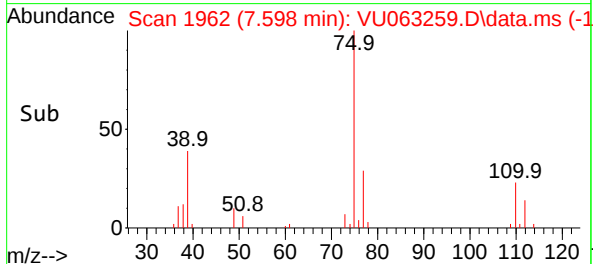
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



Tgt Ion: 75 Resp: 2151
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.3 37.9
 39 39.7 33.5 50.3

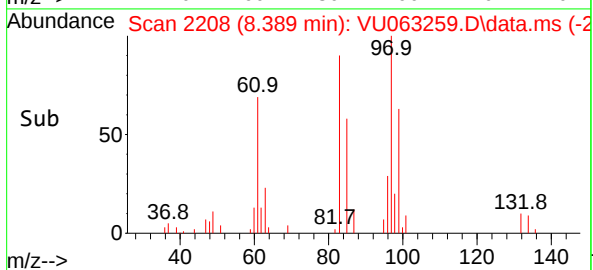
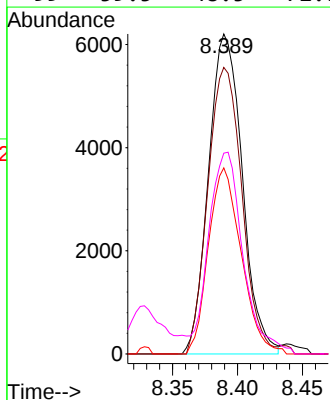
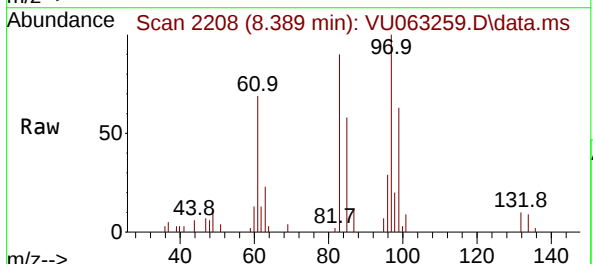
Manual Integrations
 APPROVED

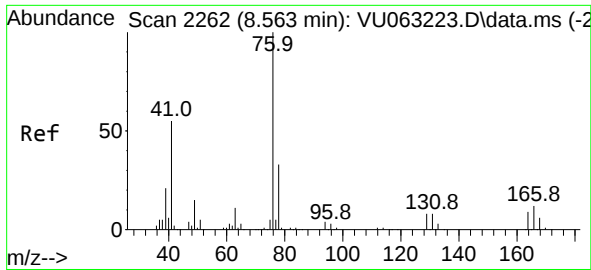
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#52
 1,1,2-Trichloroethane
 Concen: 1.070 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VU063259.D
 Acq: 12 Feb 2025 17:09

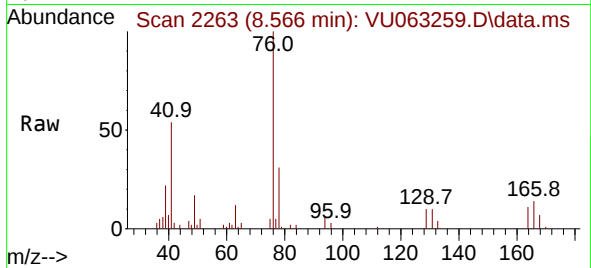
Tgt Ion: 97 Resp: 11213
 Ion Ratio Lower Upper
 97 100
 83 89.6 73.0 109.4
 85 58.2 46.3 69.5
 99 59.5 48.5 72.7





#53
1,3-Dichloropropane
Concen: 1.111 ug/l
RT: 8.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

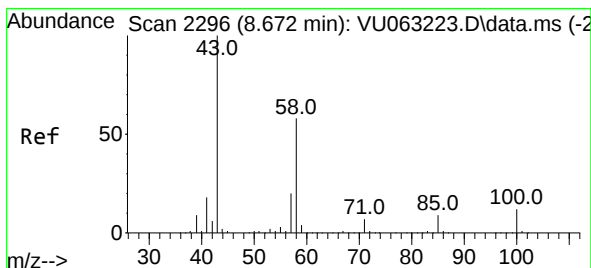
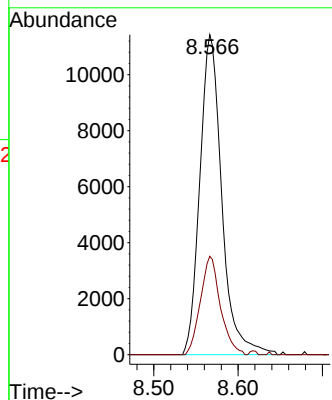
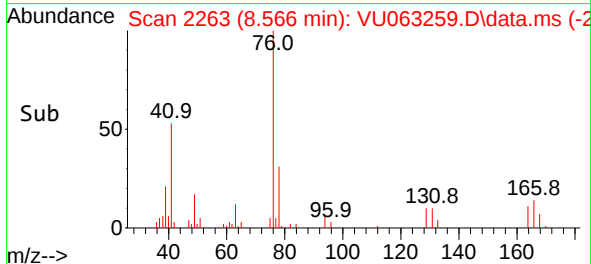
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



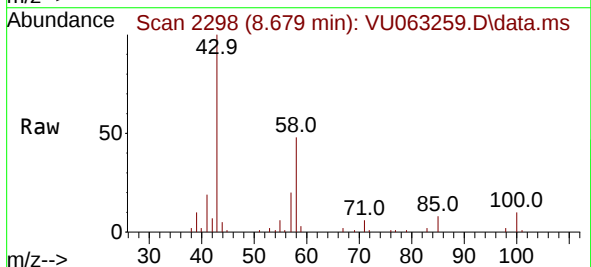
Tgt Ion: 76 Resp: 2068
Ion Ratio Lower Upper
76 100
78 28.0 26.3 39.5

Manual Integrations
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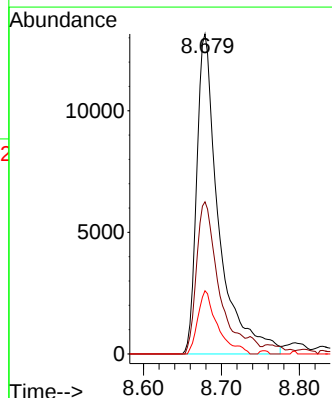
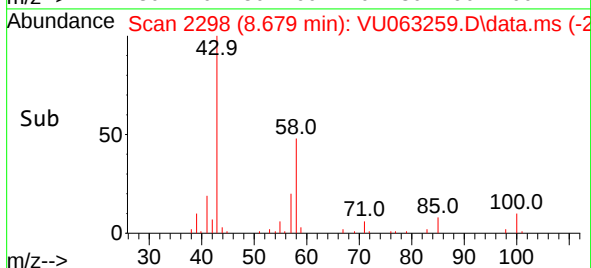
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

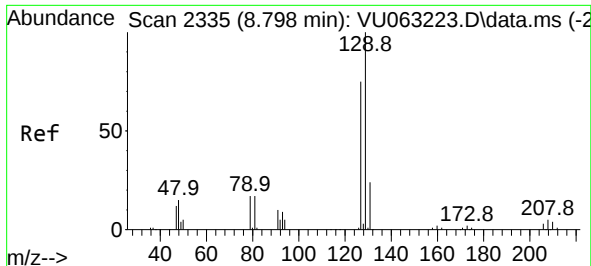


#54
2-Hexanone
Concen: 4.646 ug/l
RT: 8.679 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



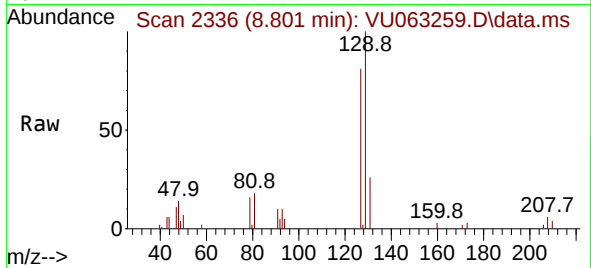
Tgt Ion: 43 Resp: 25840
Ion Ratio Lower Upper
43 100
58 47.0 38.0 78.0
57 17.6 0.0 39.1





#55
Dibromochloromethane
Concen: 1.061 ug/l
RT: 8.801 min Scan# 2129
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

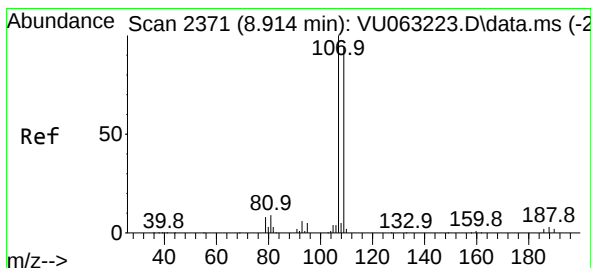
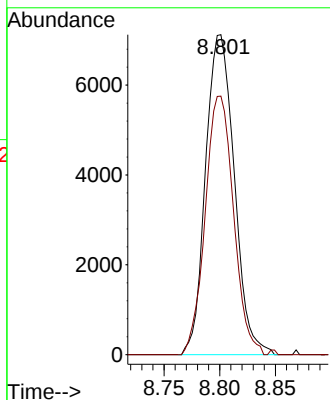
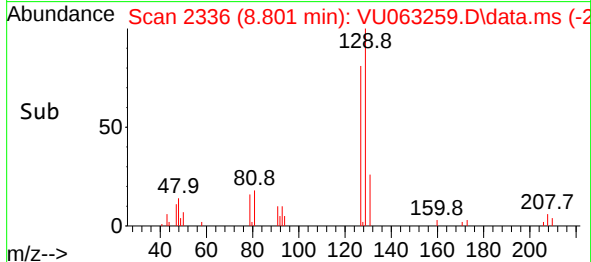
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion:129 Resp: 12790
Ion Ratio Lower Upper
129 100
127 79.7 60.4 90.6

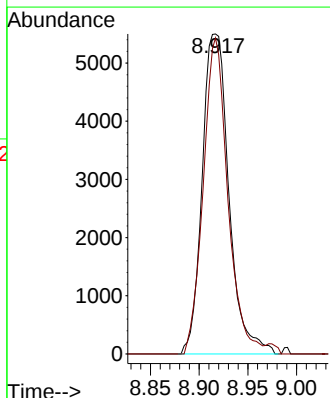
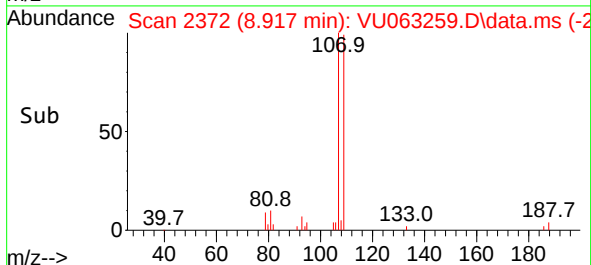
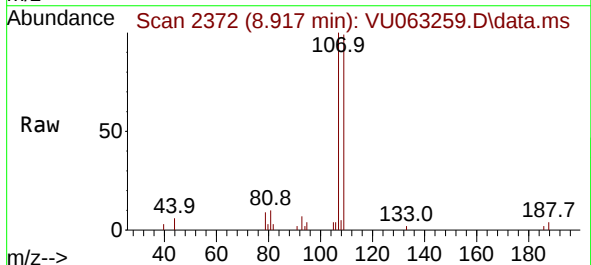
Manual Integrations
APPROVED

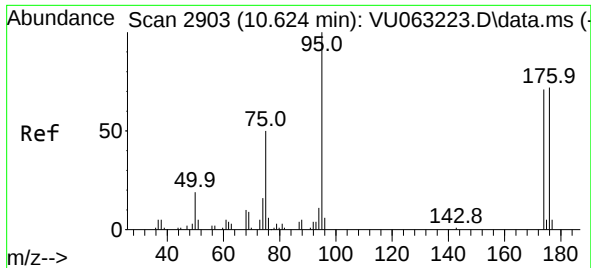
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#56
1,2-Dibromoethane
Concen: 1.069 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

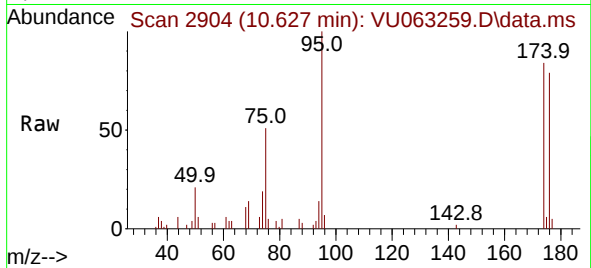
Tgt Ion:107 Resp: 10509
Ion Ratio Lower Upper
107 100
109 90.6 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 0.957 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

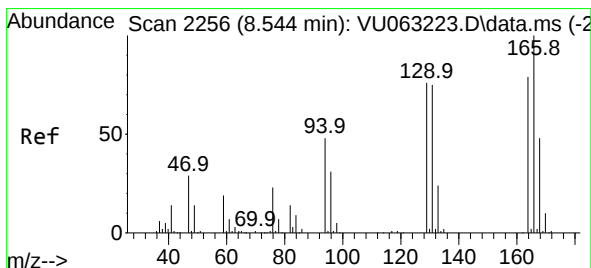
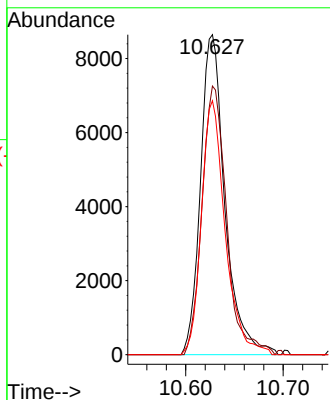
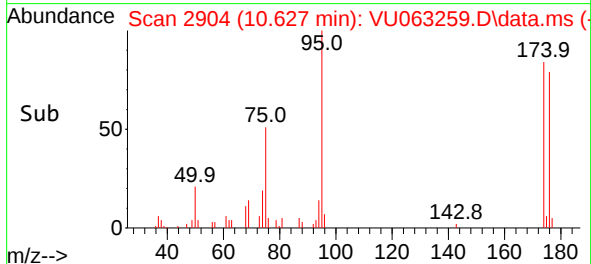
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 95 Resp: 15074
Ion Ratio Lower Upper
95 100
174 84.4 58.6 88.0
176 77.4 58.2 87.4

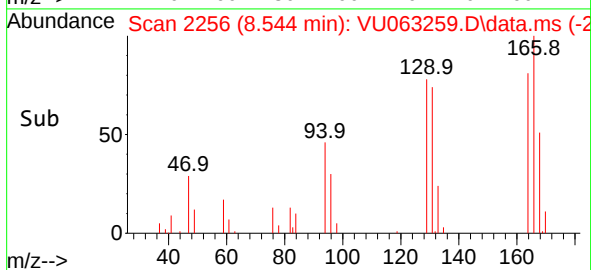
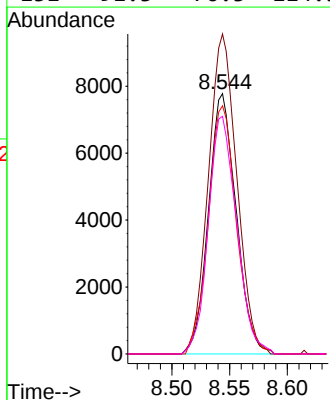
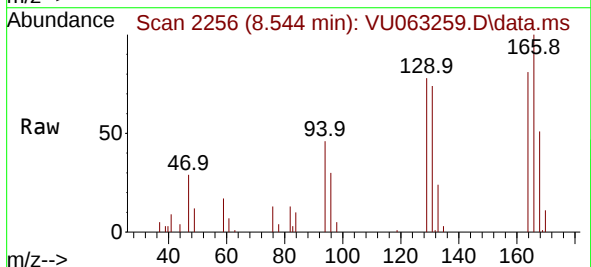
Manual Integrations
APPROVED

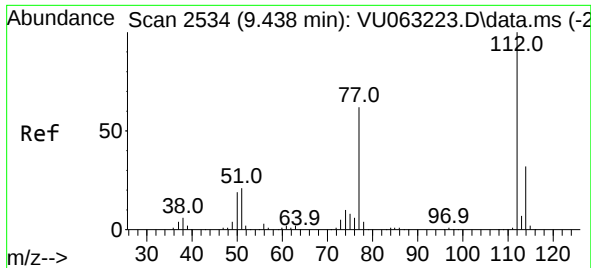
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#58
Tetrachloroethene
Concen: 1.130 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Tgt Ion:164 Resp: 12984
Ion Ratio Lower Upper
164 100
166 122.9 101.4 152.0
129 95.3 77.0 115.4
131 91.3 76.3 114.5





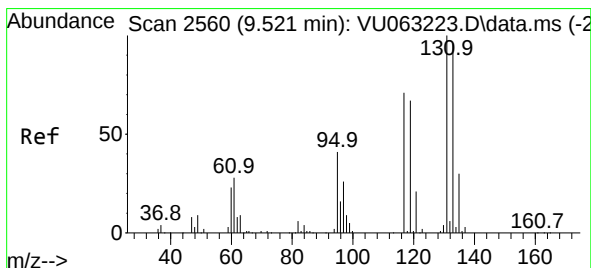
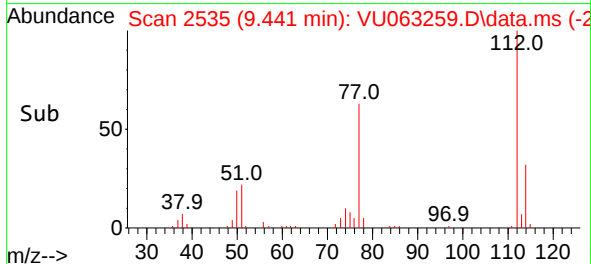
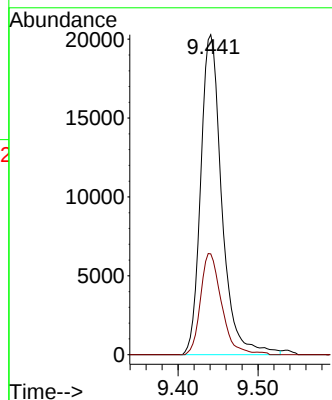
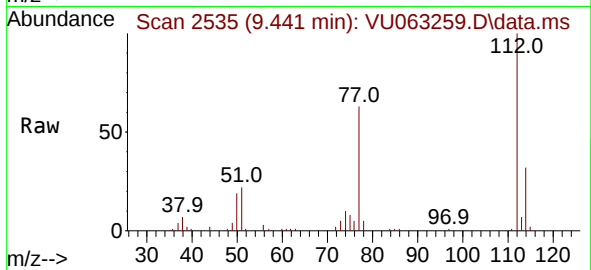
#59
Chlorobenzene
Concen: 1.048 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion:112 Resp: 37294
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

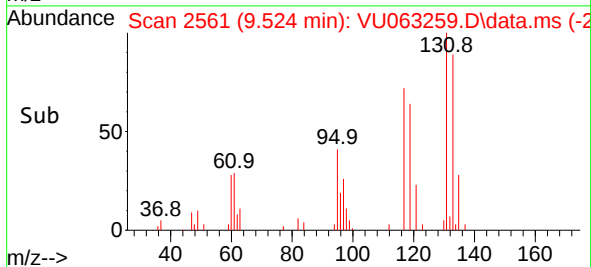
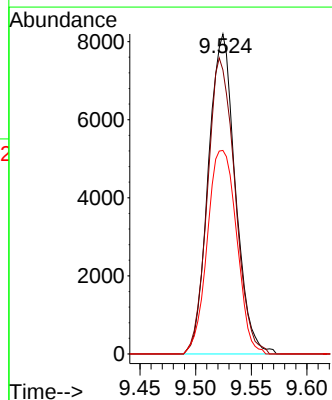
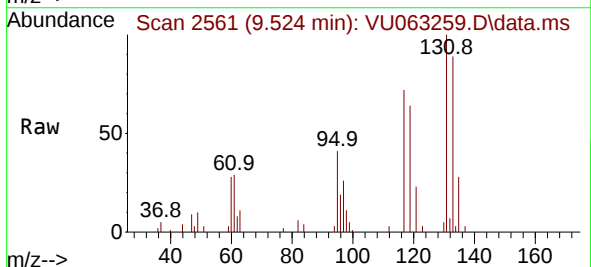
Manual Integrations
APPROVED

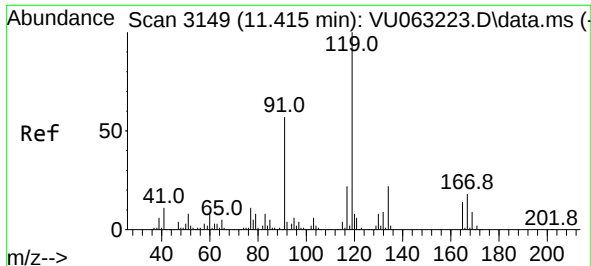
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 1.078 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Tgt Ion:131 Resp: 13790
Ion Ratio Lower Upper
131 100
133 94.2 76.7 115.1
119 69.2 54.4 81.6





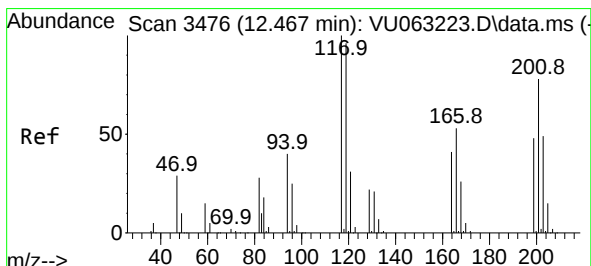
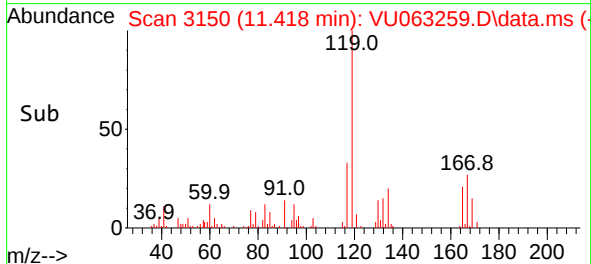
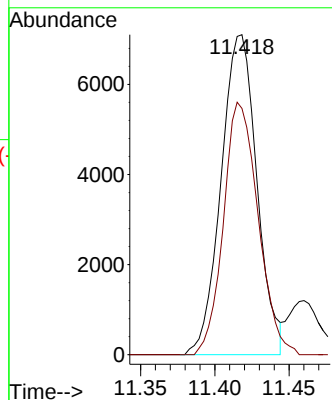
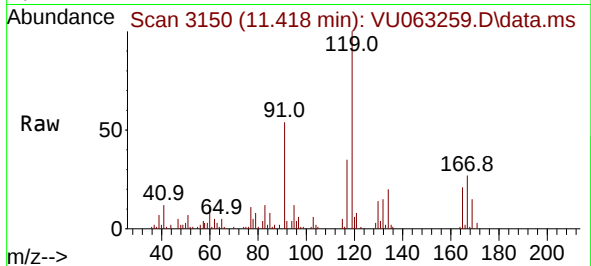
#61
Pentachloroethane
Concen: 1.044 ug/l
RT: 11.418 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:117 Resp: 11930
Ion Ratio Lower Upper
117 100
167 76.3 65.0 97.6

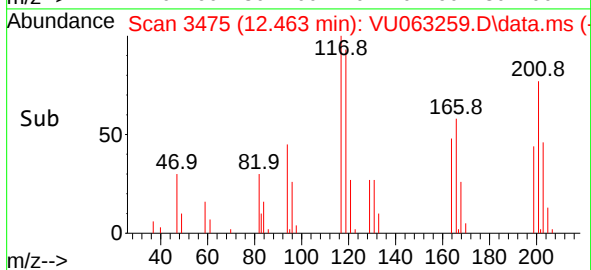
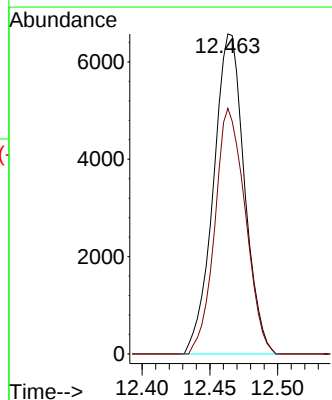
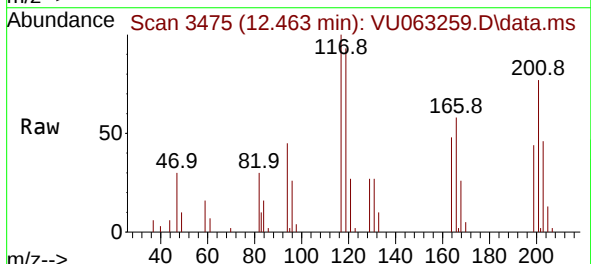
Manual Integrations
APPROVED

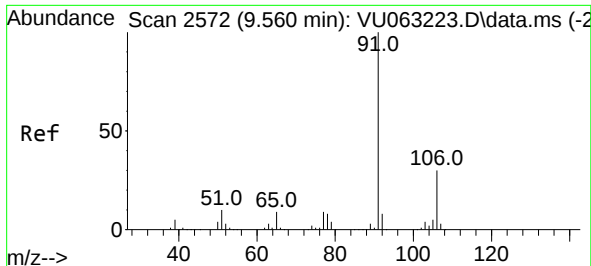
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#62
Hexachloroethane
Concen: 1.035 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Tgt Ion:117 Resp: 10466
Ion Ratio Lower Upper
117 100
201 75.3 61.3 91.9





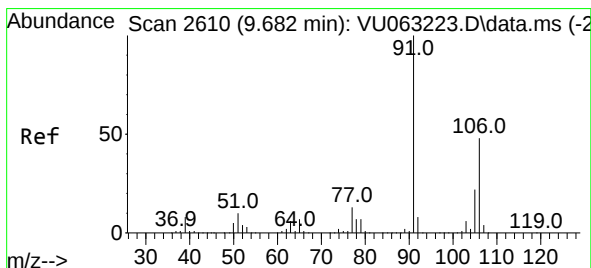
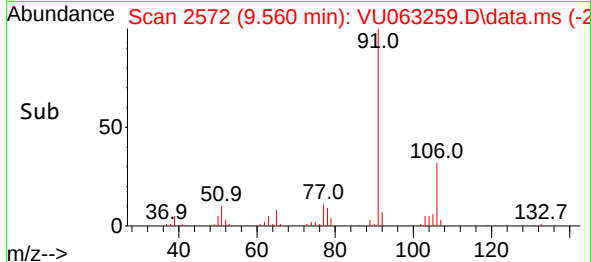
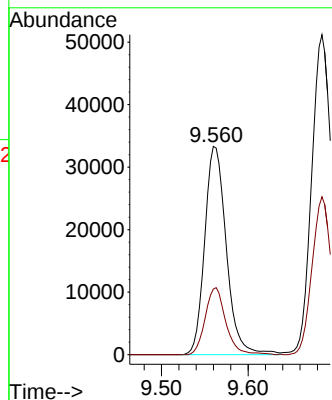
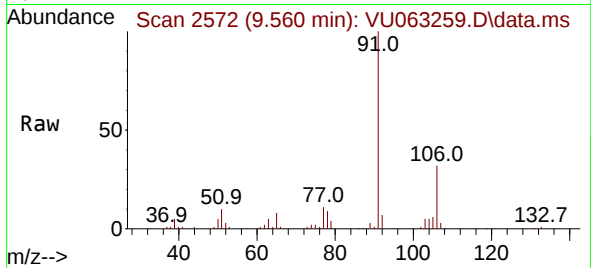
#63
Ethyl Benzene
Concen: 0.943 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 91 Resp: 57872
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.2

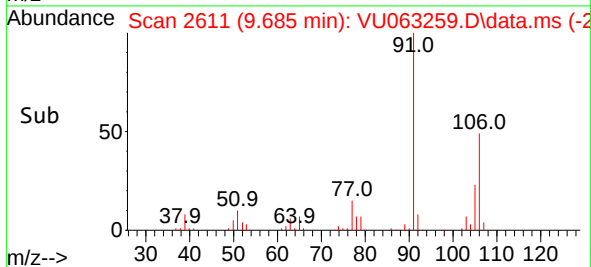
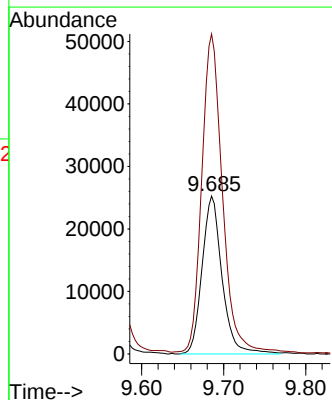
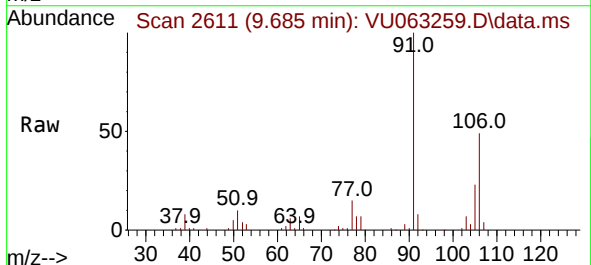
Manual Integrations
APPROVED

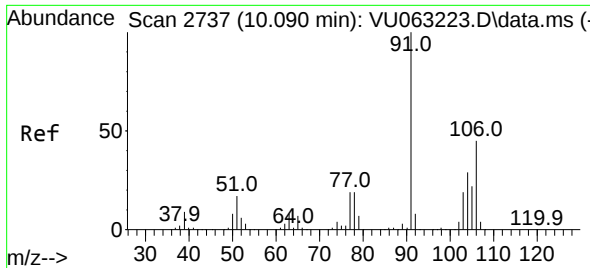
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#64
m/p-Xylenes
Concen: 1.865 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Tgt Ion:106 Resp: 42769
Ion Ratio Lower Upper
106 100
91 209.7 166.9 250.3





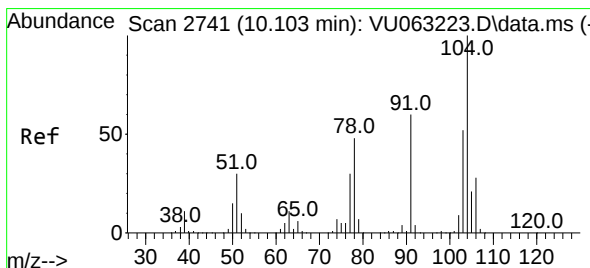
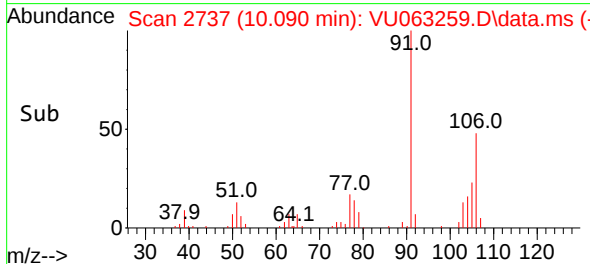
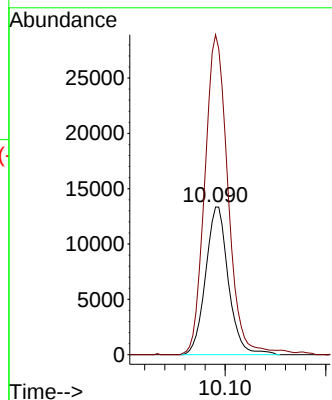
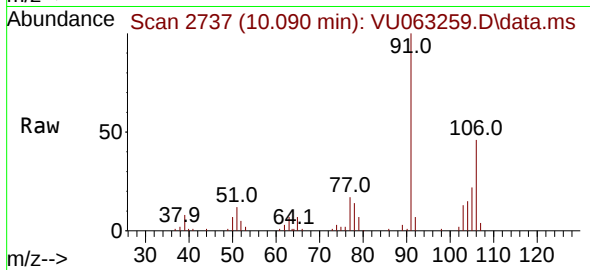
#65
o-Xylene
Concen: 0.936 ug/l
RT: 10.090 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:106 Resp: 2101
Ion Ratio Lower Upper
106 100
91 220.9 110.9 332.9

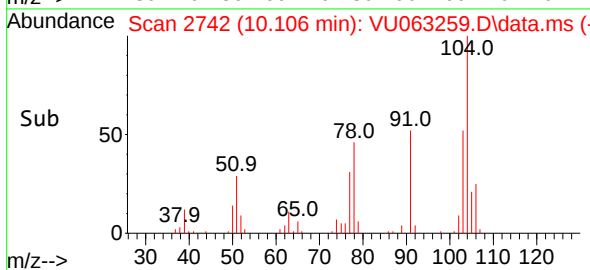
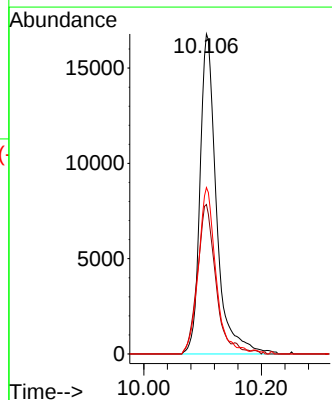
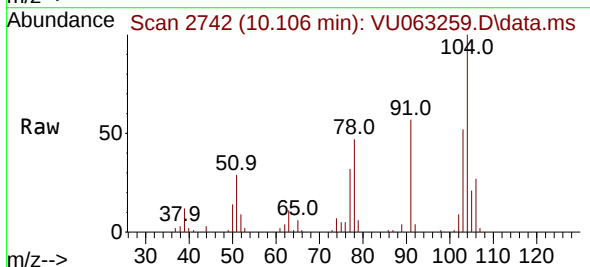
Manual Integrations
APPROVED

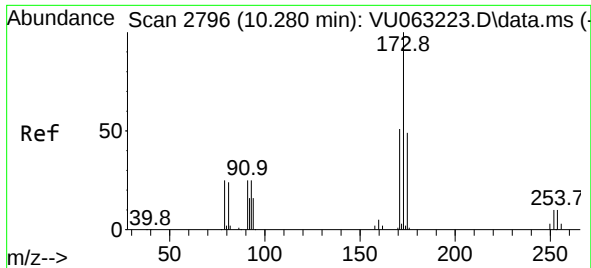
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#66
Styrene
Concen: 0.919 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

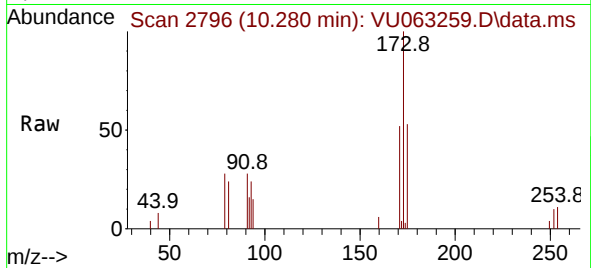
Tgt Ion:104 Resp: 32834
Ion Ratio Lower Upper
104 100
78 50.2 41.2 61.8
103 54.4 44.8 67.2





#67
Bromoform
Concen: 1.040 ug/l
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

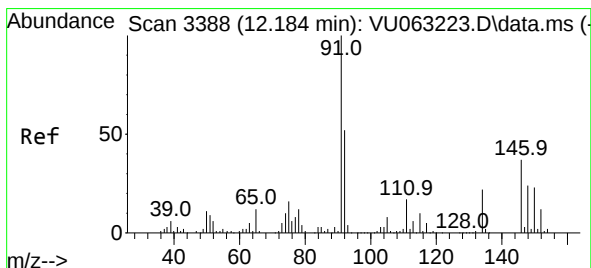
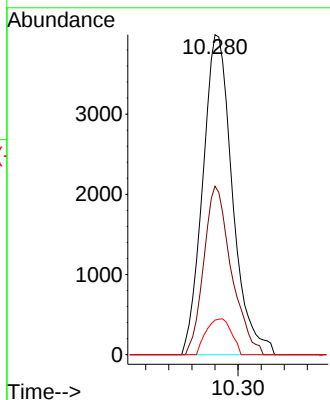
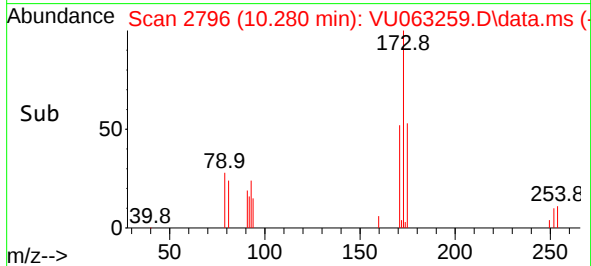
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



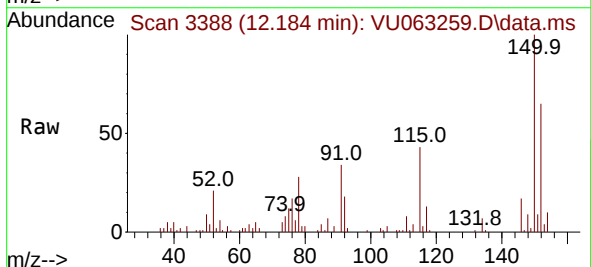
Tgt Ion:173 Resp: 7120
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.4
254 9.5 7.7 11.5

Manual Integrations
APPROVED

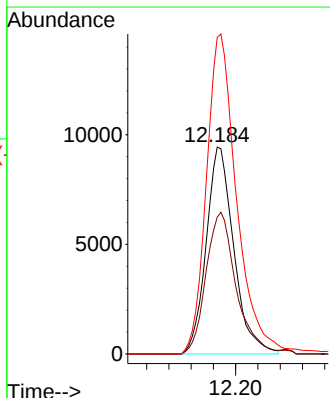
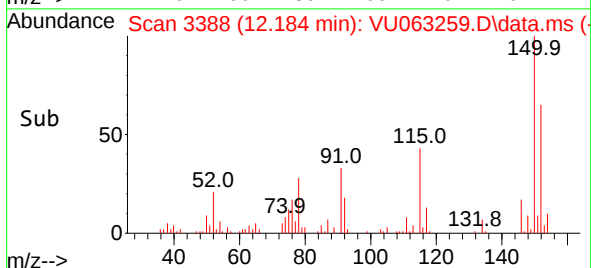
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

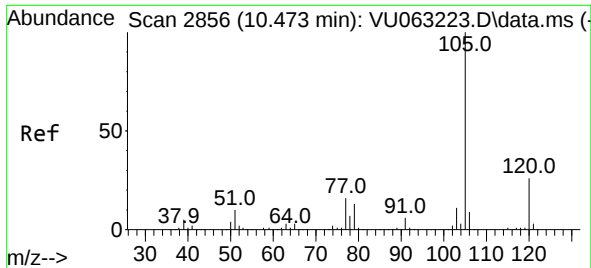


#68
1,2-Dichlorobenzene-d4
Concen: 0.990 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



Tgt Ion:152 Resp: 16216
Ion Ratio Lower Upper
152 100
115 75.2 0.0 275.2
150 171.0 0.0 658.4





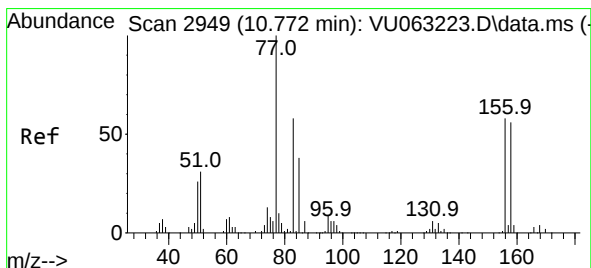
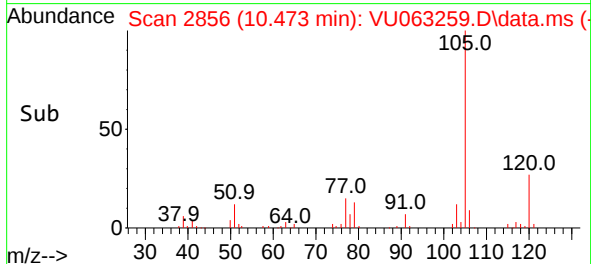
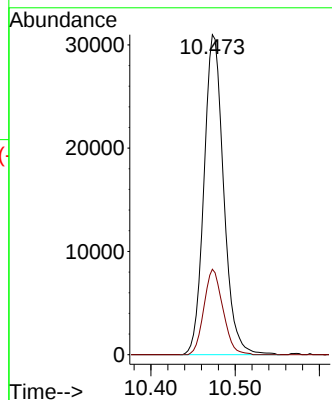
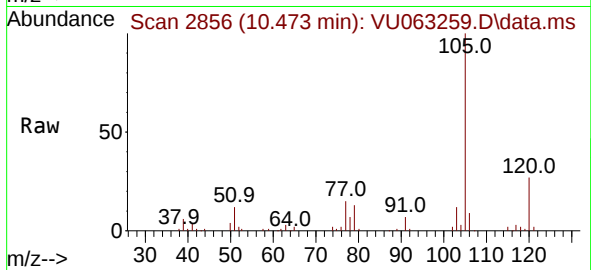
#69
Isopropylbenzene
Concen: 0.954 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:105 Resp: 50349
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

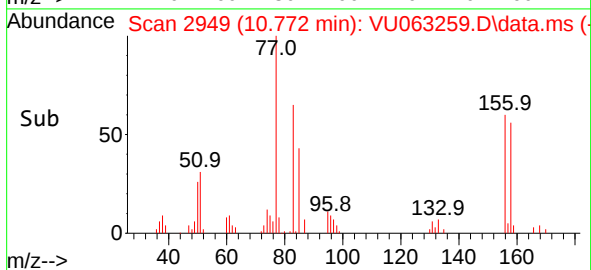
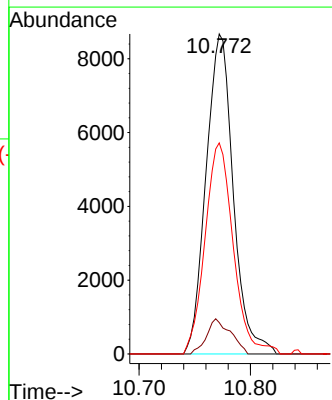
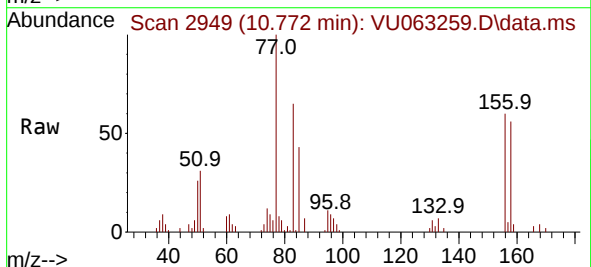
Manual Integrations
APPROVED

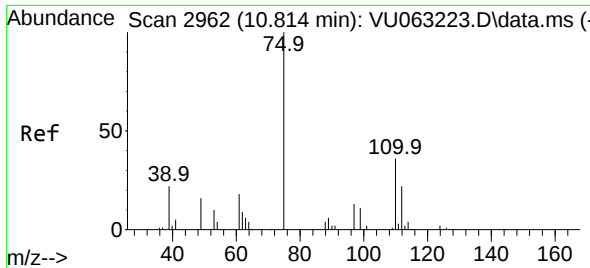
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 1.043 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

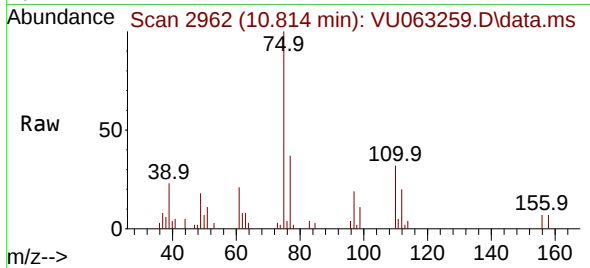
Tgt Ion: 83 Resp: 14730
Ion Ratio Lower Upper
83 100
131 9.7 7.4 11.0
85 68.3 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 1.116 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

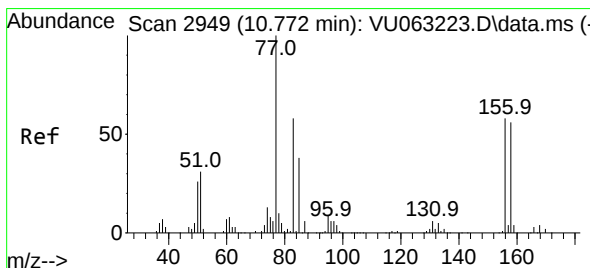
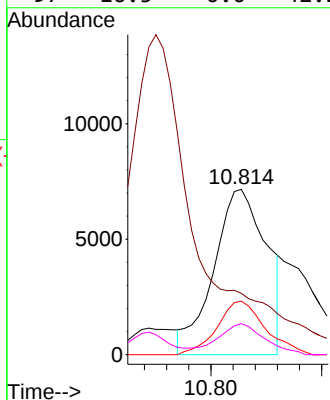
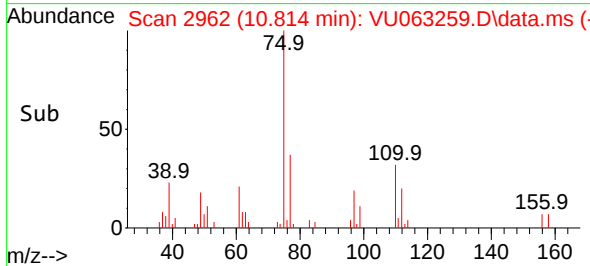
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025



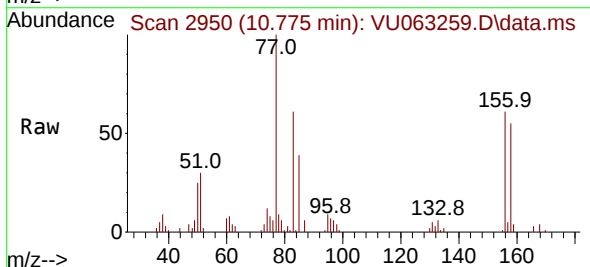
Tgt Ion:	75	Resp:	1184
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	29.5	0.0	77.0
97	16.5	0.0	42.2

Manual Integrations
APPROVED

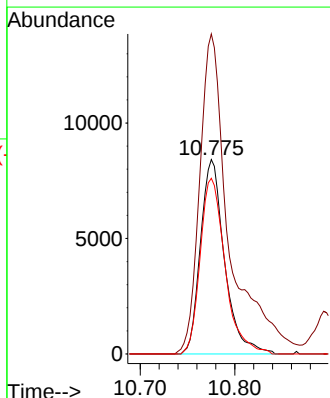
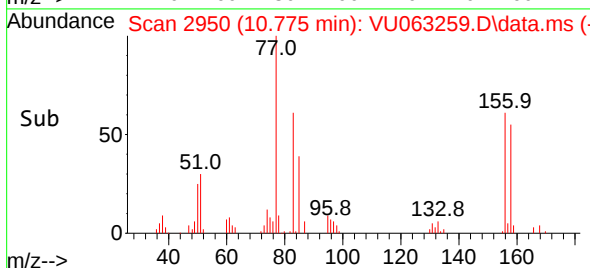
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

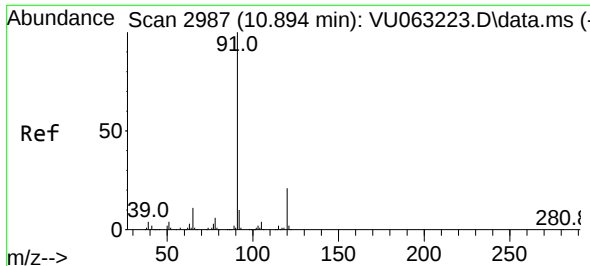


#72
Bromobenzene
Concen: 1.047 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



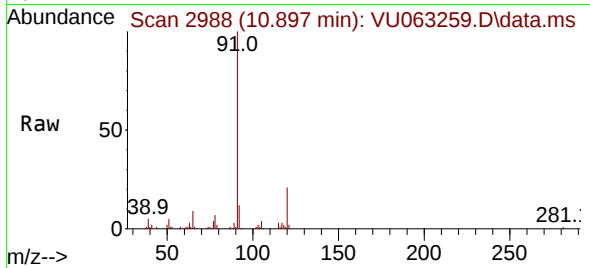
Tgt Ion:	156	Resp:	14893
Ion Ratio	Lower	Upper	
156	100		
77	203.7	0.0	343.6
158	93.6	0.0	193.0





#73
n-propylbenzene
Concen: 0.933 ug/l
RT: 10.897 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

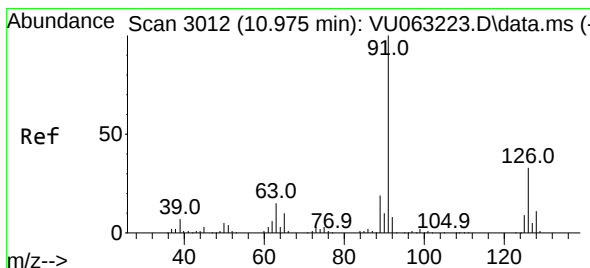
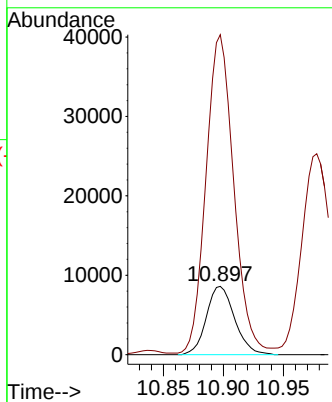
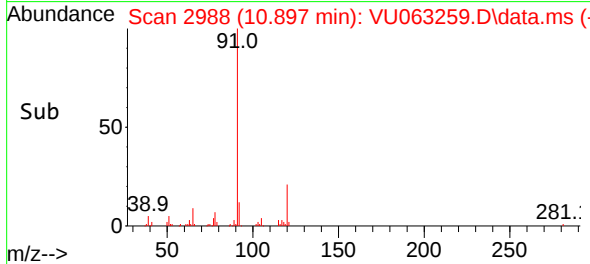
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:120 Resp: 14094
Ion Ratio Lower Upper
120 100
91 456.1 369.8 554.6

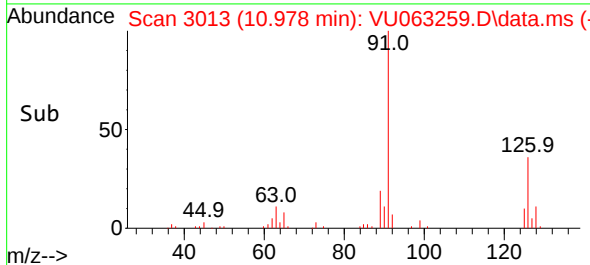
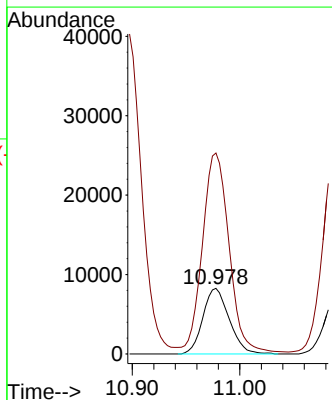
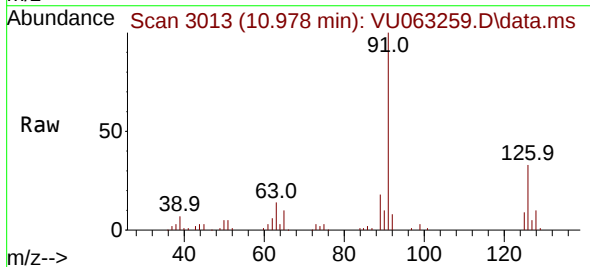
Manual Integrations
APPROVED

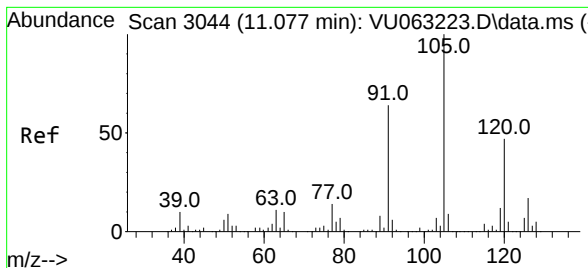
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#74
2-Chlorotoluene
Concen: 1.008 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

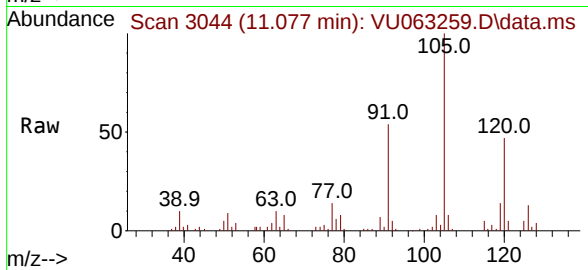
Tgt Ion:126 Resp: 14035
Ion Ratio Lower Upper
126 100
91 307.7 0.0 623.8





#75
1,3,5-Trimethylbenzene
Concen: 0.875 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

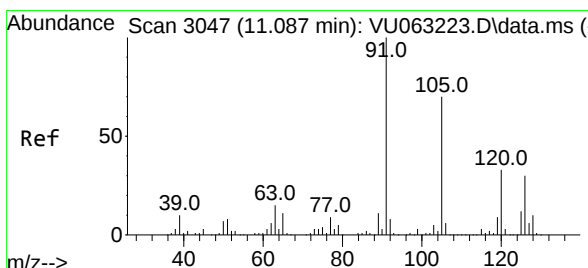
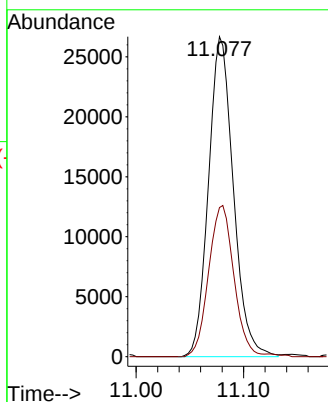
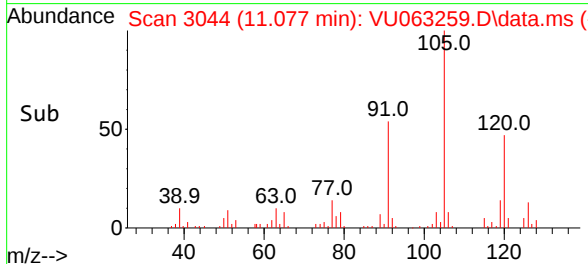
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



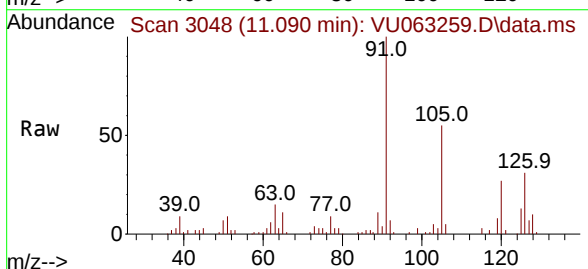
Tgt Ion:105 Resp: 42798
Ion Ratio Lower Upper
105 100
120 48.5 37.3 55.9

Manual Integrations
APPROVED

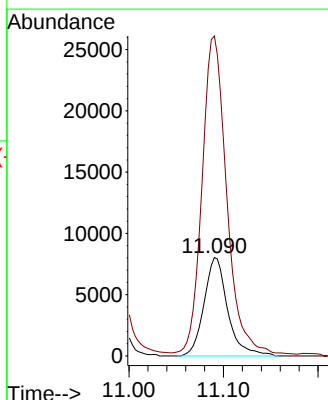
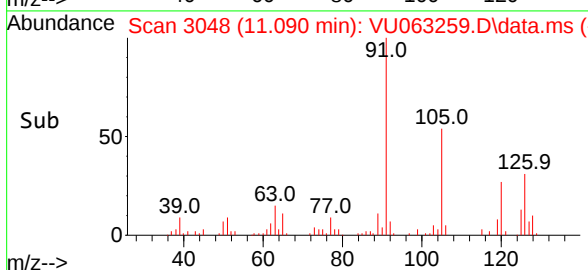
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

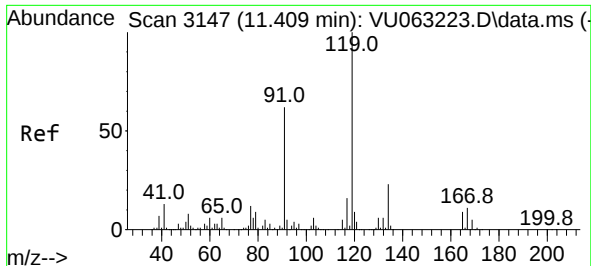


#76
4-Chlorotoluene
Concen: 0.977 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



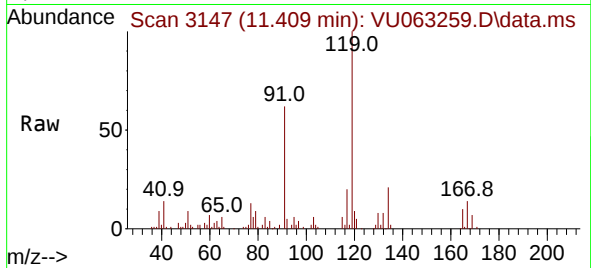
Tgt Ion:126 Resp: 13945
Ion Ratio Lower Upper
126 100
91 336.5 0.0 703.6





#77
tert-Butylbenzene
Concen: 0.958 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

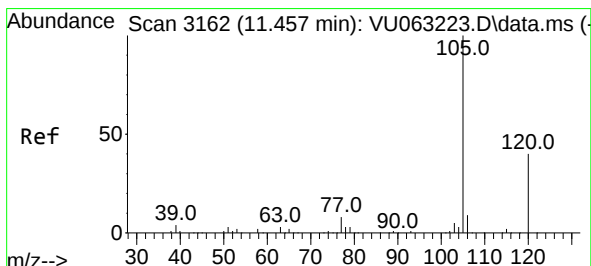
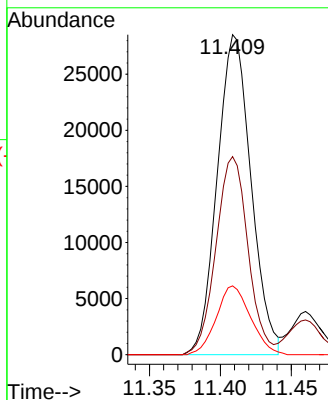
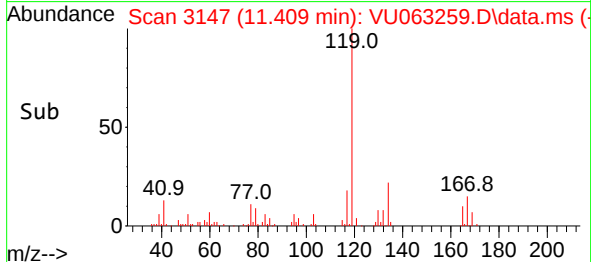
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



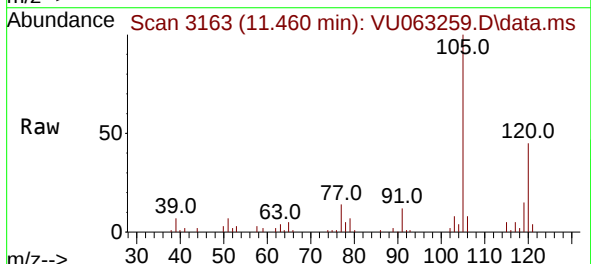
Tgt Ion:119 Resp: 47399
Ion Ratio Lower Upper
119 100
91 58.5 29.4 88.3
134 21.8 17.6 26.4

Manual Integrations
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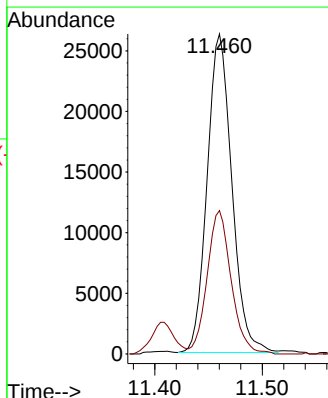
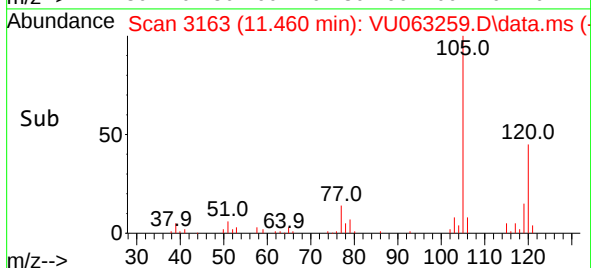
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

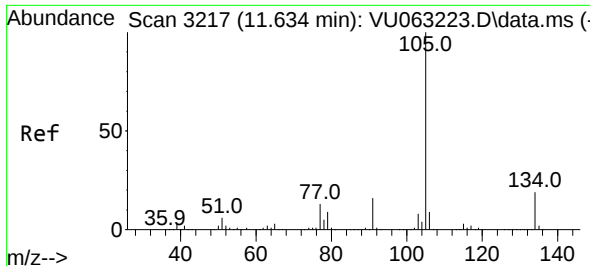


#78
1,2,4-Trimethylbenzene
Concen: 0.865 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



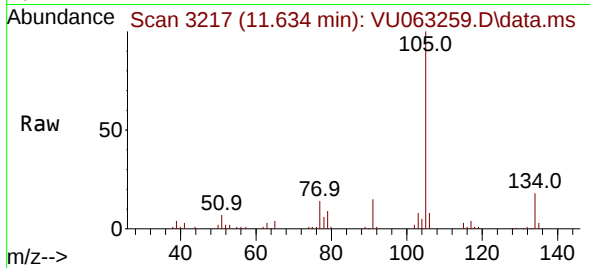
Tgt Ion:105 Resp: 41953
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.7





#79
 sec-Butylbenzene
 Concen: 0.949 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063259.D
 Acq: 12 Feb 2025 17:09

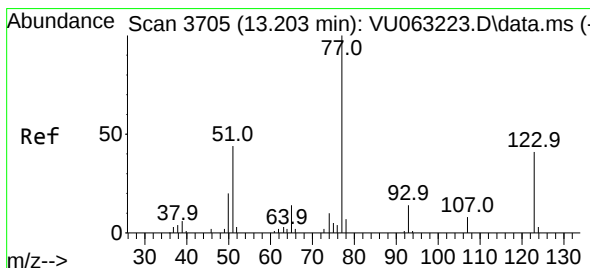
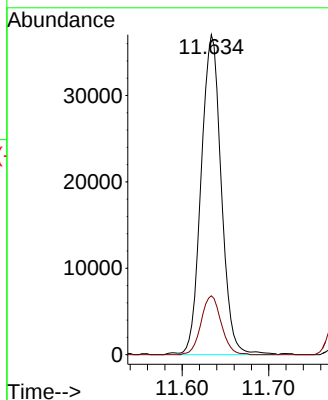
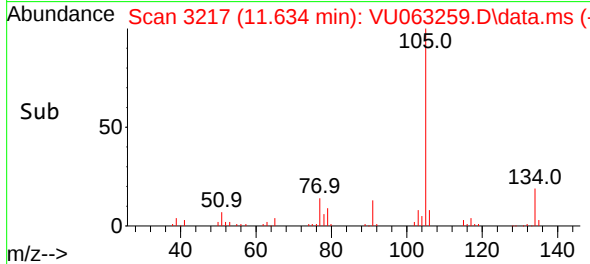
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



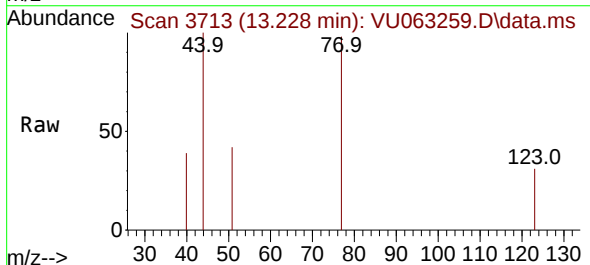
Tgt Ion:105 Resp: 59759
 Ion Ratio Lower Upper
 105 100
 134 18.4 15.1 22.7

Manual Integrations
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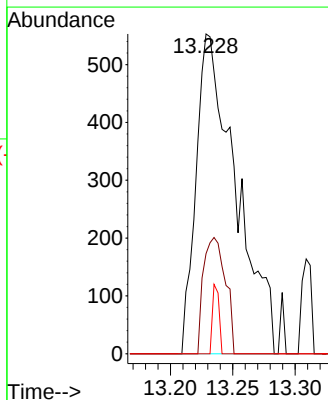
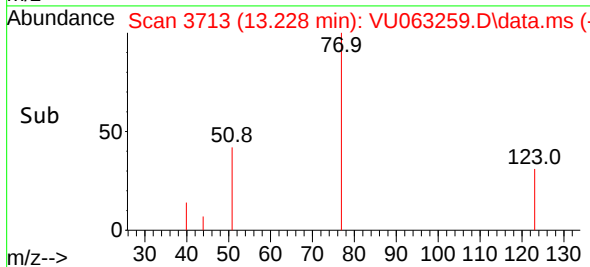
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

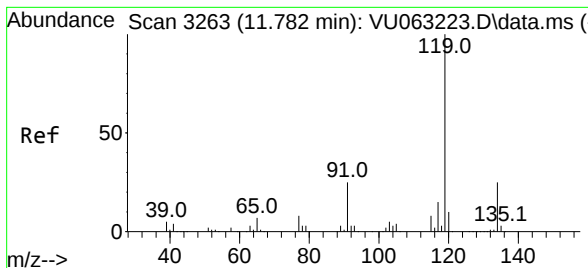


#80
 Nitrobenzene
 Concen: 3.646 ug/l
 RT: 13.228 min Scan# 3713
 Delta R.T. 0.026 min
 Lab File: VU063259.D
 Acq: 12 Feb 2025 17:09



Tgt Ion: 77 Resp: 1225
 Ion Ratio Lower Upper
 77 100
 123 20.0 18.9 67.1
 65 3.5 11.9 15.1#





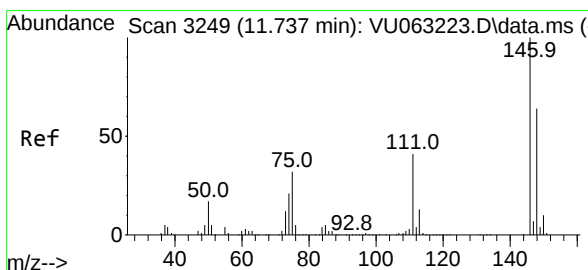
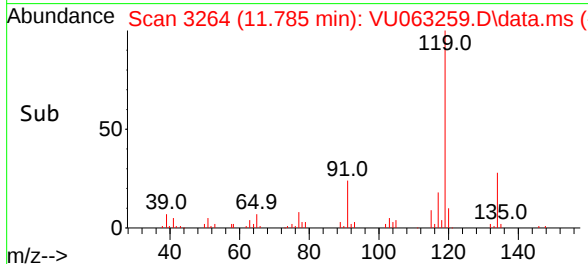
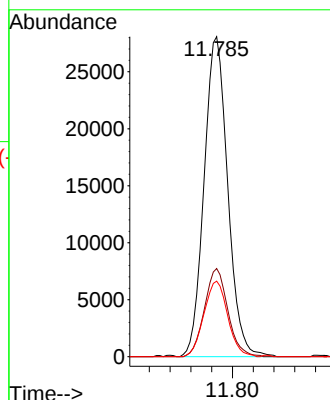
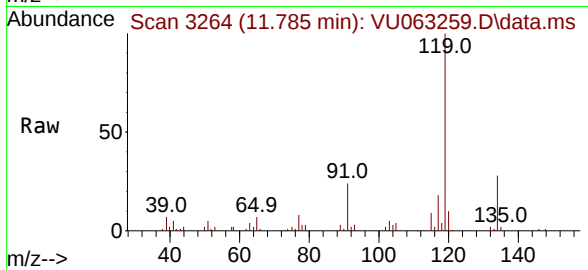
#81
p-Isopropyltoluene
Concen: 0.893 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:119 Resp: 4436
Ion Ratio Lower Upper
119 100
134 27.2 20.3 30.5
91 23.7 19.4 29.2

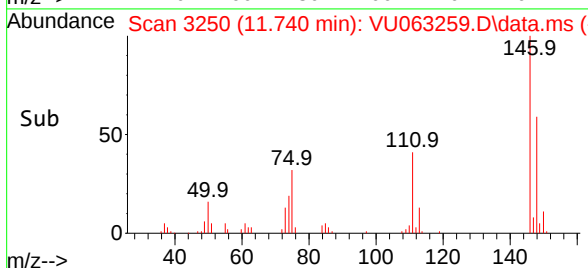
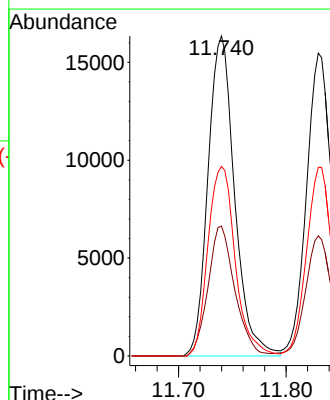
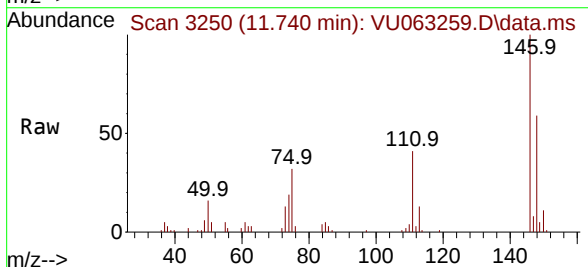
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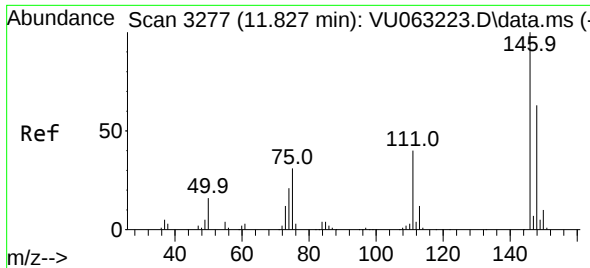
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#82
1,3-Dichlorobenzene
Concen: 1.018 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

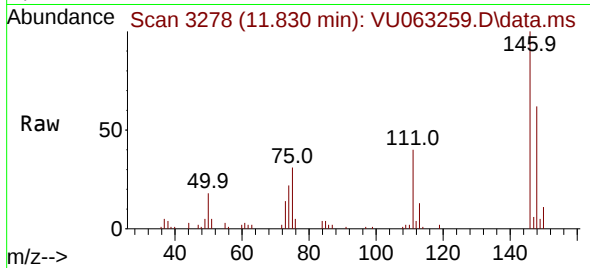
Tgt Ion:146 Resp: 28090
Ion Ratio Lower Upper
146 100
111 40.8 32.8 49.2
148 60.9 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 0.975 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

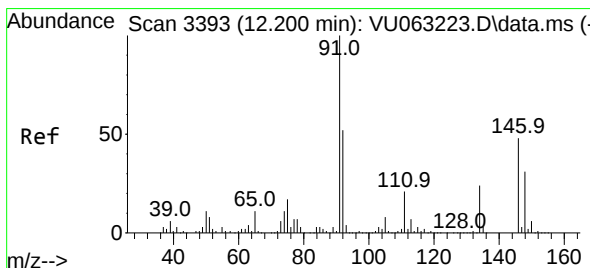
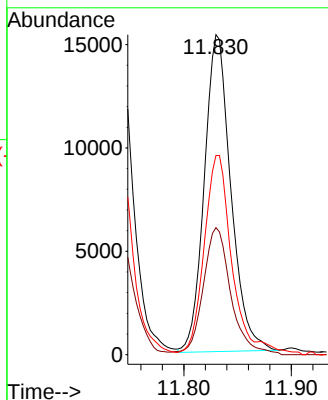
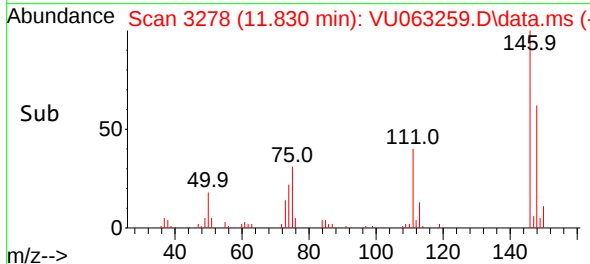
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:146 Resp: 26309
Ion Ratio Lower Upper
146 100
111 41.8 32.1 48.1
148 66.2 50.2 75.4

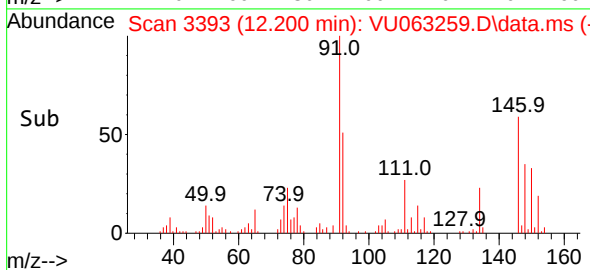
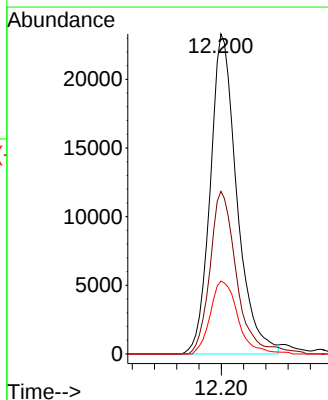
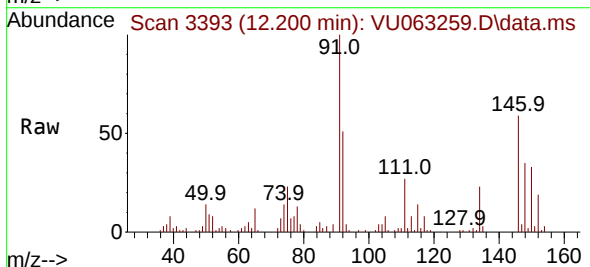
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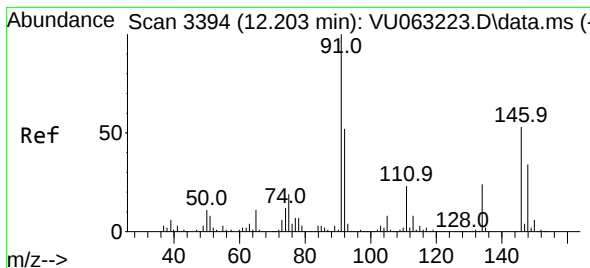
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#84
n-Butylbenzene
Concen: 0.869 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

Tgt Ion: 91 Resp: 38724
Ion Ratio Lower Upper
91 100
92 50.9 41.8 62.8
134 23.7 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 1.007 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Instrument :

MSVOA_U

ClientSampleId :

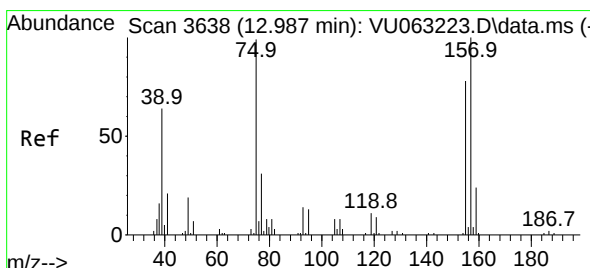
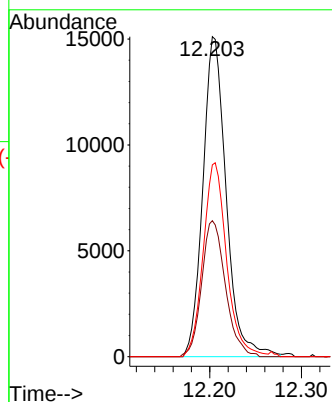
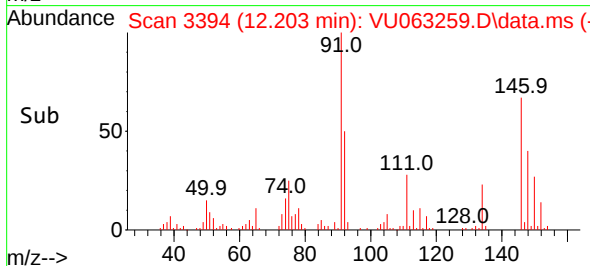
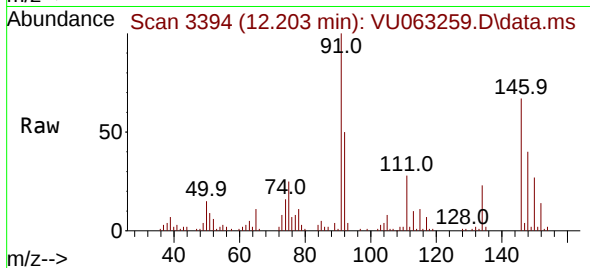
LOQ-WATER-02-QT1-2025

Tgt Ion:	146	Resp:	2669
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.9	65.7
148	60.9	32.3	96.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.940 ug/l

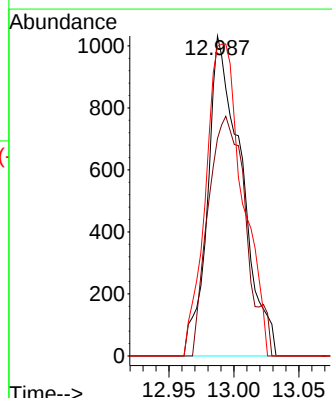
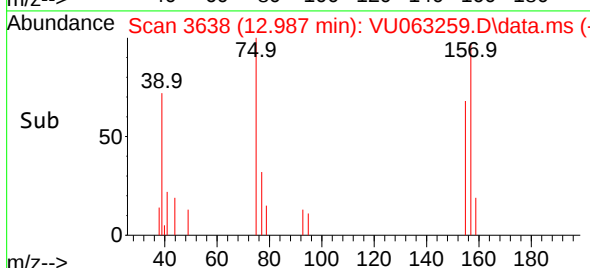
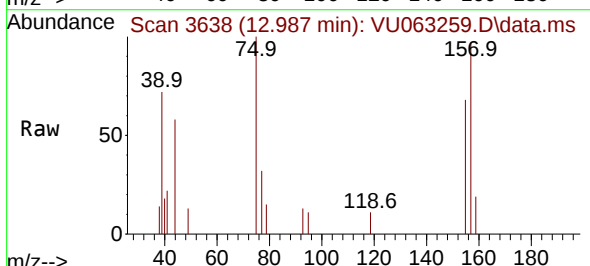
RT: 12.987 min Scan# 3638

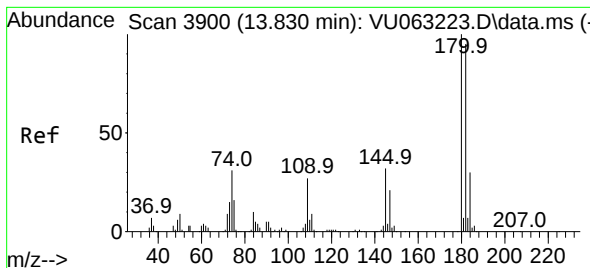
Delta R.T. -0.000 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Tgt Ion:	75	Resp:	1864
Ion Ratio	Lower	Upper	
75	100		
155	83.6	63.5	95.3
157	107.1	81.8	122.6





#87

1,2,4-Trichlorobenzene

Concen: 0.936 ug/l

RT: 13.836 min Scan# 3900

Delta R.T. 0.006 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

Instrument :

MSVOA_U

ClientSampleId :

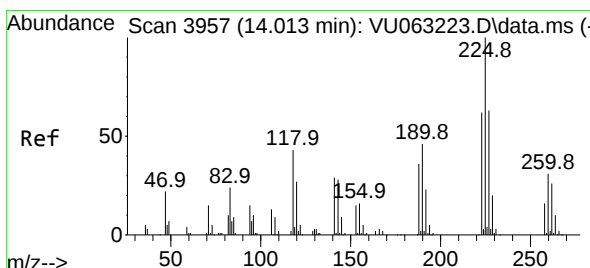
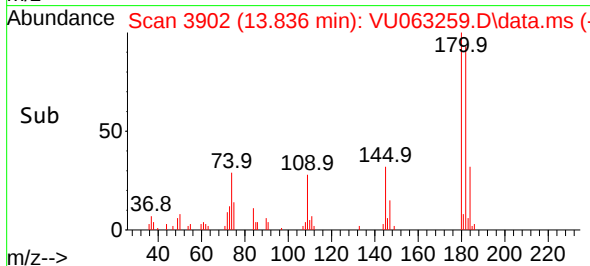
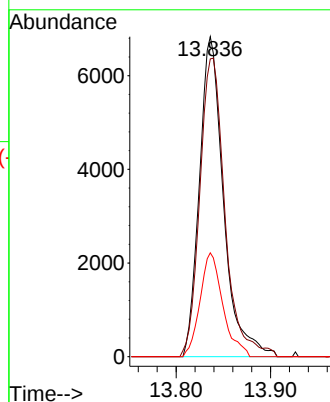
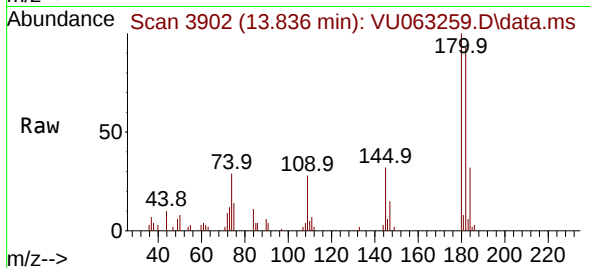
LOQ-WATER-02-QT1-2025

Tgt Ion:180	Resp:	1210
Ion Ratio	Lower	Upper
180	100	
182	97.2	76.6 115.0
145	30.7	25.4 38.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#88

Hexachlorobutadiene

Concen: 1.066 ug/l

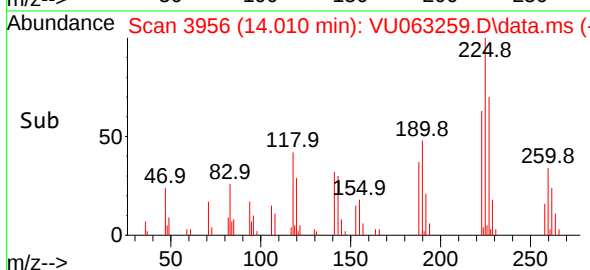
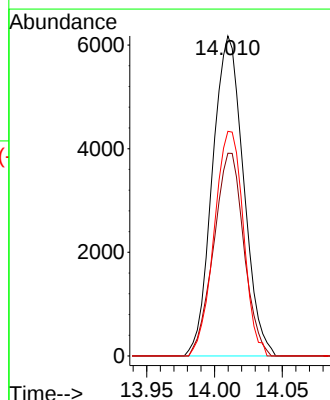
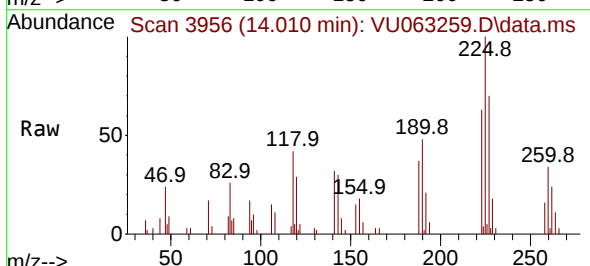
RT: 14.010 min Scan# 3956

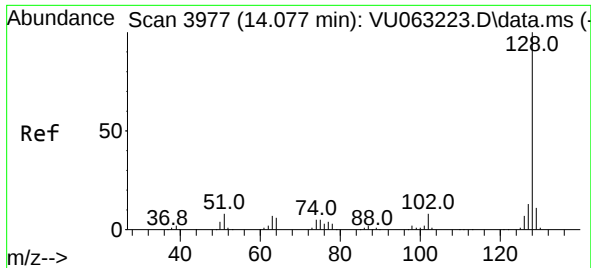
Delta R.T. -0.003 min

Lab File: VU063259.D

Acq: 12 Feb 2025 17:09

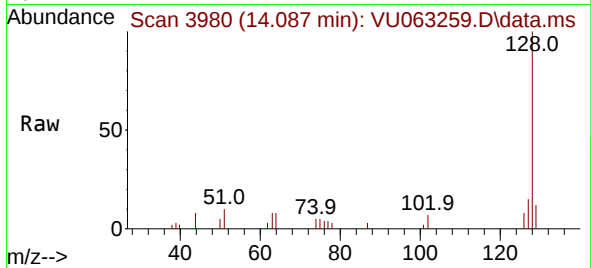
Tgt Ion:225	Resp:	9851
Ion Ratio	Lower	Upper
225	100	
223	61.5	49.5 74.3
227	65.8	51.0 76.4





#89
Naphthalene
Concen: 0.794 ug/l m
RT: 14.087 min Scan# 3977
Delta R.T. 0.010 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09

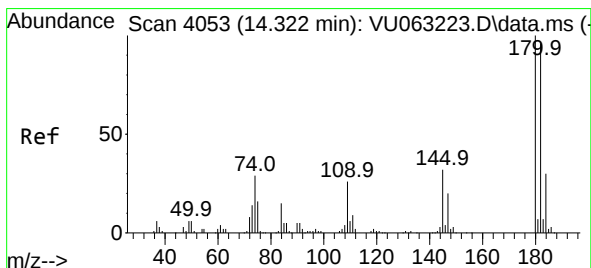
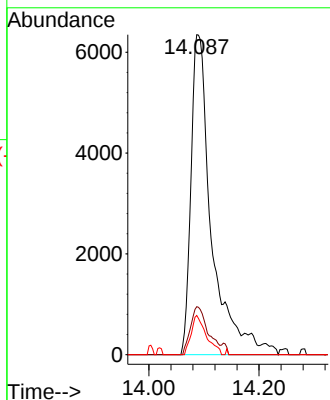
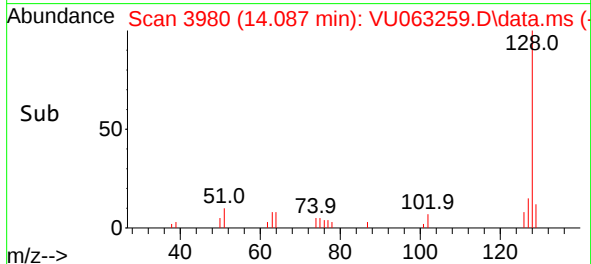
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



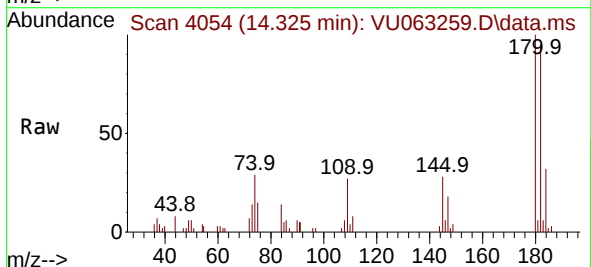
Tgt Ion:128 Resp: 1654
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 9.0 8.6 13.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#90
1,2,3-Trichlorobenzene
Concen: 0.893 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063259.D
Acq: 12 Feb 2025 17:09



Tgt Ion:180 Resp: 11298
Ion Ratio Lower Upper
180 100
182 95.6 78.2 117.2
145 30.3 26.1 39.1

