

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063258.D
 Acq On : 12 Feb 2025 16:44
 Operator : MD/SY
 Sample : Q1168-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 13 03:50:59 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	49054	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14348	0.887	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14745	0.876	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	8573	0.538	ug/l	89
3) Chloromethane	1.518	50	10069	0.549	ug/l	96
4) Vinyl Chloride	1.599	62	9468	0.521	ug/l	96
5) Bromomethane	1.846	94	5651	0.637	ug/l	94
6) Chloroethane	1.923	64	6034	0.528	ug/l	# 88
7) Trichlorofluoromethane	2.129	101	11309	0.526	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	6669	0.546	ug/l	97
9) 1,1-Dichloroethene	2.570	96	6612	0.531	ug/l	99
10) Iodomethane	2.711	142	10072	0.515	ug/l	99
11) Allyl Chloride	2.914	41	9214	0.515	ug/l	99
12) Acrylonitrile	3.332	53	2816	0.981	ug/l	# 87
13) Acetone	2.618	43	6540	2.963	ug/l	97
14) Carbon Disulfide	2.782	76	23110	0.531	ug/l	97
15) Methylene Chloride	3.033	84	9005	0.586	ug/l	98
16) trans-1,2-Dichloroethene	3.345	96	7423	0.523	ug/l	94
17) 1,1-Dichloroethane	3.856	63	14079	0.526	ug/l	95
18) 2-Butanone	4.724	43	8686m	2.473	ug/l	
19) Cyclohexane	5.373	56	9831m	0.457	ug/l	
20) Methylcyclohexane	6.750	83	9762	0.458	ug/l	96
21) 2,2-Dichloropropane	4.647	77	10744	0.514	ug/l	92
22) cis-1,2-Dichloroethene	4.660	96	7719	0.503	ug/l	96
23) Diethyl Ether	2.367	59	5469	0.512	ug/l	# 89
24) tert-Butyl Alcohol	3.174	59	11180	8.607	ug/l	# 85
25) Methyl tert-Butyl Ether	3.348	73	16079	0.517	ug/l	99
26) Bromochloromethane	4.965	128	3239	0.483	ug/l	90
27) Chloroform	5.078	83	14688	0.544	ug/l	96
28) 1,1,1-Trichloroethane	5.303	97	11289	0.516	ug/l	96
29) 1,1-Dichloropropene	5.521	75	9679	0.494	ug/l	97
30) Carbon Tetrachloride	5.508	117	10051	0.535	ug/l	86
31) Isopropyl Ether	3.978	45	18493	0.484	ug/l	90
32) Ethyl-t-butyl ether	4.486	59	16950	0.488	ug/l	98
33) Tert-Amyl methyl ether	5.926	73	14543m	0.479	ug/l	
34) Propionitrile	4.798	54	2261m	2.134	ug/l	
35) Benzene	5.766	78	30255	0.502	ug/l	98
36) 1,2-Dichloroethane	5.788	62	9564	0.550	ug/l	# 88
37) Trichloroethene	6.534	130	7701	0.537	ug/l	99
38) 1,2-Dichloropropane	6.782	63	8409	0.533	ug/l	100
39) Methacrylonitrile	4.994	41	2081m	0.527	ug/l	
40) Methyl acrylate	4.891	55	3663m	0.503	ug/l	
41) Tetrahydrofuran	5.065	42	2383	1.038	ug/l	# 81
42) 1-Chlorobutane	5.454	56	13049	0.487	ug/l	95
43) Dibromomethane	6.910	93	4261	0.533	ug/l	98
44) Bromodichloromethane	7.097	83	10140	0.545	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	18815	2.247	ug/l	94
46) t-1,4-Dichloro-2-butene	10.820	75	3967m	1.008	ug/l	
47) Methyl methacrylate	6.962	69	6078m	0.903	ug/l	
48) Ethyl methacrylate	8.332	69	5233	0.414	ug/l	96
49) Toluene	7.962	92	16252	0.469	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	8104	0.476	ug/l	94
51) cis-1,3-Dichloropropene	7.602	75	10115	0.481	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	5925	0.550	ug/l	92
53) 1,3-Dichloropropane	8.563	76	9839	0.515	ug/l	98
54) 2-Hexanone	8.685	43	12841m	2.247	ug/l	
55) Dibromochloromethane	8.801	129	6097	0.492	ug/l	92
56) 1,2-Dibromoethane	8.917	107	4742	0.469	ug/l	92
58) Tetrachloroethene	8.544	164	6468	0.548	ug/l	94
59) Chlorobenzene	9.441	112	17681	0.483	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	6927	0.527	ug/l	97
61) Pentachloroethane	11.415	117	5960	0.507	ug/l	89
62) Hexachloroethane	12.463	117	4878	0.469	ug/l	95
63) Ethyl Benzene	9.563	91	27365	0.434	ug/l	94
64) m/p-Xylenes	9.685	106	19488	0.827	ug/l	97
65) o-Xylene	10.090	106	9693	0.420	ug/l	99
66) Styrene	10.113	104	14889	0.406	ug/l	95
67) Bromoform	10.283	173	3354	0.477	ug/l	96
69) Isopropylbenzene	10.473	105	23072	0.425	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	6945	0.478	ug/l	96
71) 1,2,3-Trichloropropane	10.814	75	5077m	0.466	ug/l	
72) Bromobenzene	10.778	156	6396	0.438	ug/l	70
73) n-propylbenzene	10.897	120	6602	0.425	ug/l	97
74) 2-Chlorotoluene	10.978	126	6421	0.449	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	20008	0.398	ug/l	96
76) 4-Chlorotoluene	11.090	126	5838	0.398	ug/l	94
77) tert-Butylbenzene	11.412	119	21863	0.430	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	18892	0.379	ug/l	99
79) sec-Butylbenzene	11.634	105	26405	0.408	ug/l	100
81) p-Isopropyltoluene	11.785	119	19497	0.382	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	13443	0.474	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	12863	0.464	ug/l	96
84) n-Butylbenzene	12.203	91	17889	0.391	ug/l	96
85) 1,2-Dichlorobenzene	12.206	146	12433	0.456	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.000	75	1088	0.534	ug/l #	72
87) 1,2,4-Trichlorobenzene	13.843	180	5559	0.418	ug/l	97
88) Hexachlorobutadiene	14.013	225	4771	0.503	ug/l	98
89) Naphthalene	14.093	128	8431m	0.394	ug/l	
90) 1,2,3-Trichlorobenzene	14.328	180	5728	0.441	ug/l	95

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

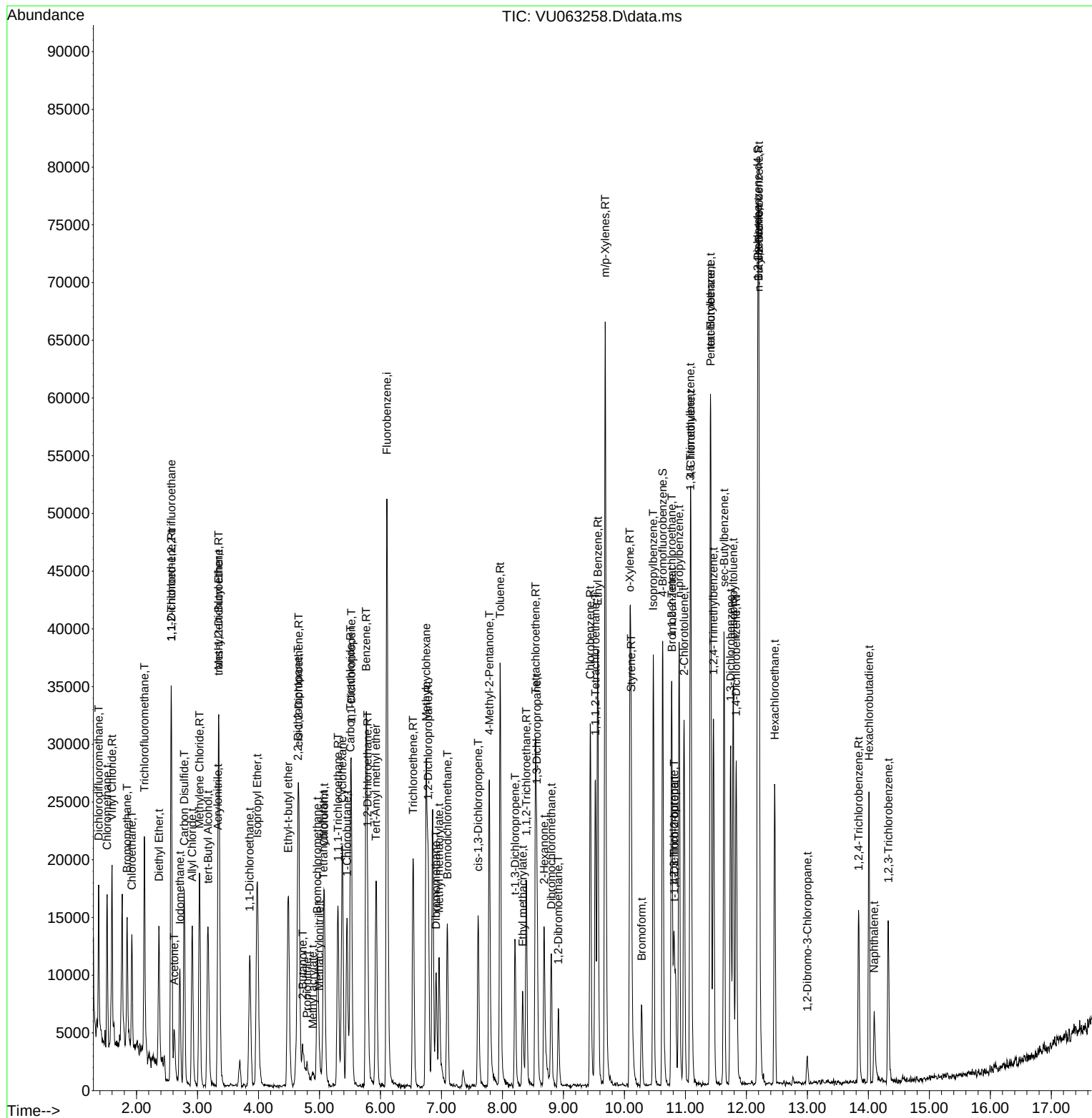
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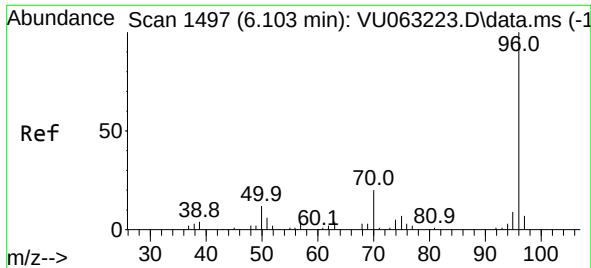
Instrument :
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 ClientSampleId :
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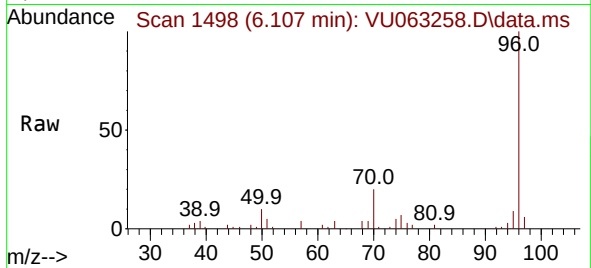
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

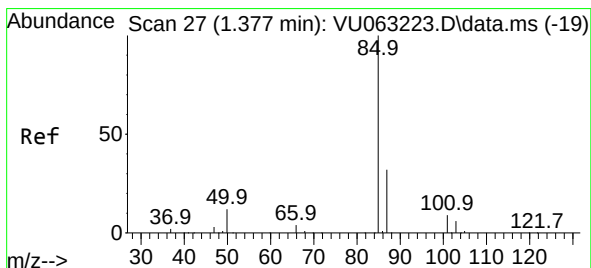
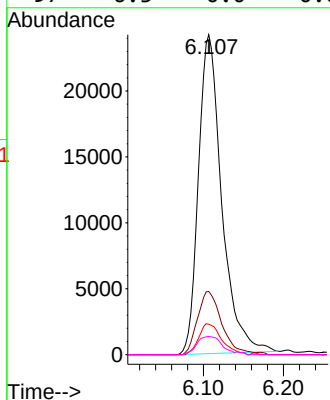
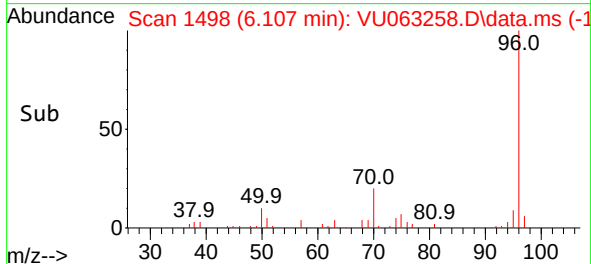
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 96 Resp: 49054
Ion Ratio Lower Upper
96 100
70 19.7 15.6 23.4
95 9.5 7.3 10.9
97 6.3 0.0 0.0#

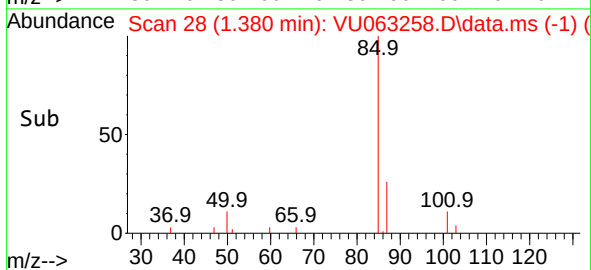
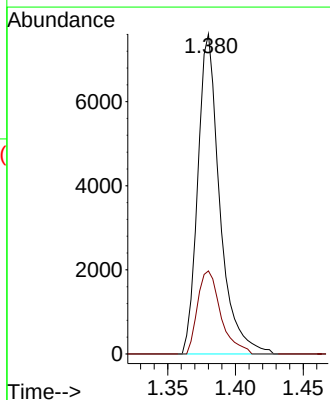
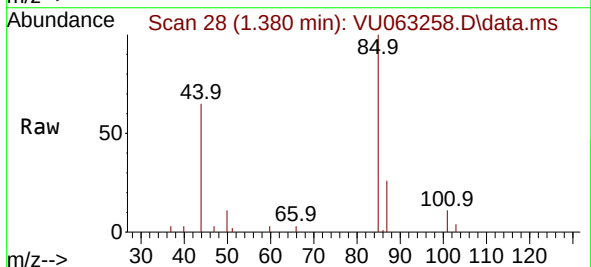
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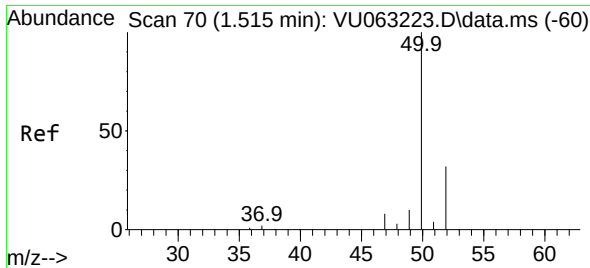
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#2
Dichlorodifluoromethane
Concen: 0.538 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

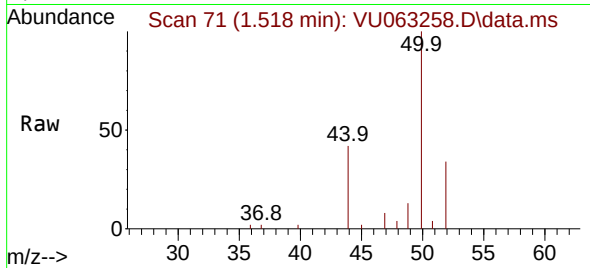
Tgt Ion: 85 Resp: 8573
Ion Ratio Lower Upper
85 100
87 25.9 16.0 48.0





#3
Chloromethane
Concen: 0.549 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

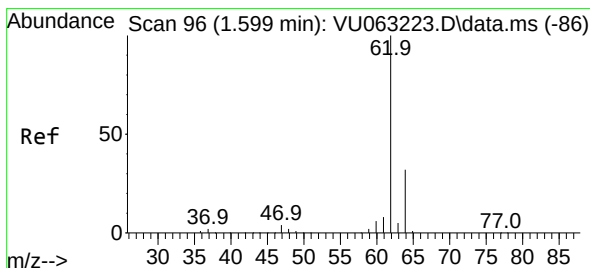
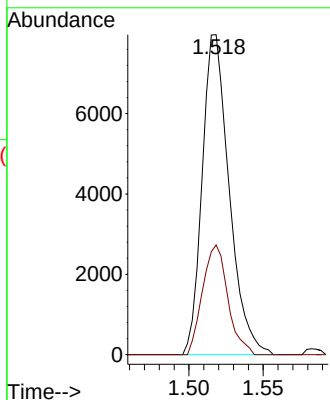
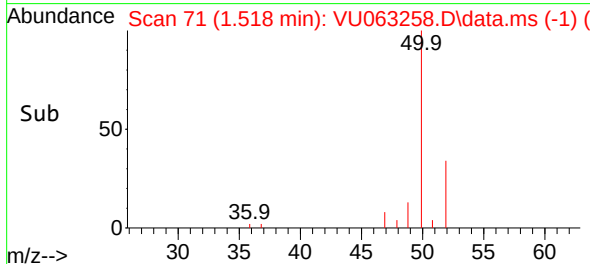
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 50 Resp: 10069
Ion Ratio Lower Upper
50 100
52 34.3 25.8 38.8

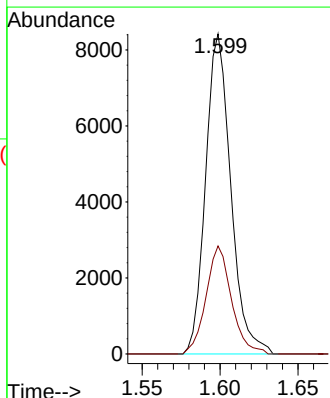
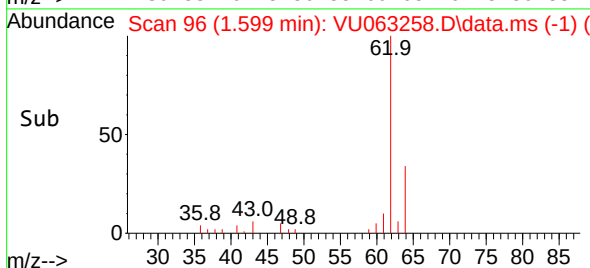
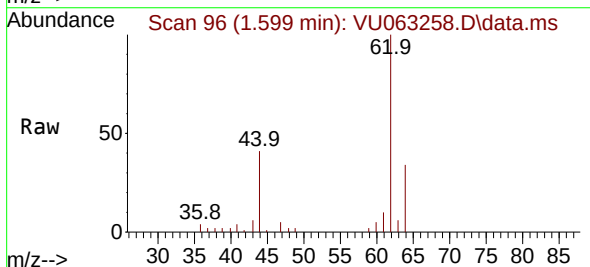
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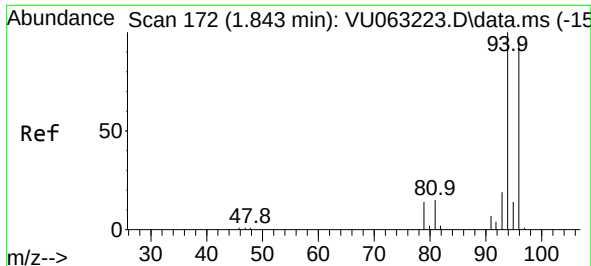
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#4
Vinyl Chloride
Concen: 0.521 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

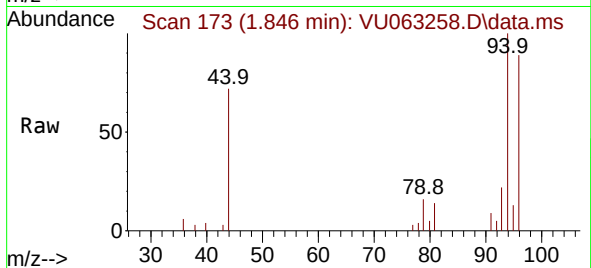
Tgt Ion: 62 Resp: 9468
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.0





#5
Bromomethane
Concen: 0.637 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

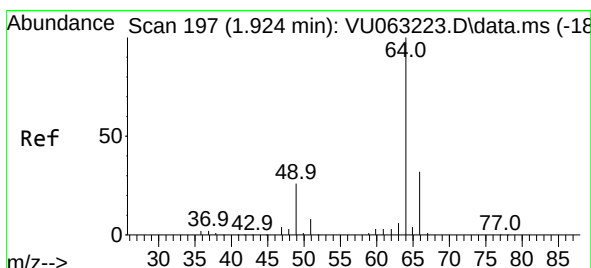
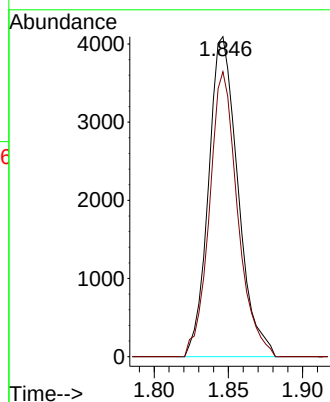
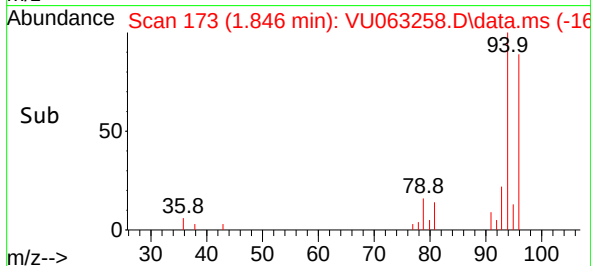
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 94 Resp: 565
Ion Ratio Lower Upper
94 100
96 89.1 75.7 113.5

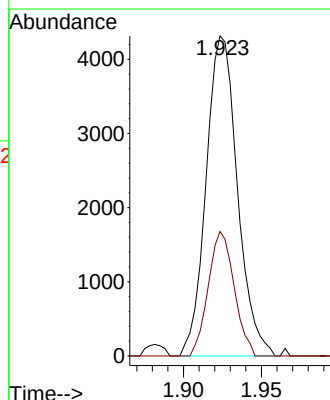
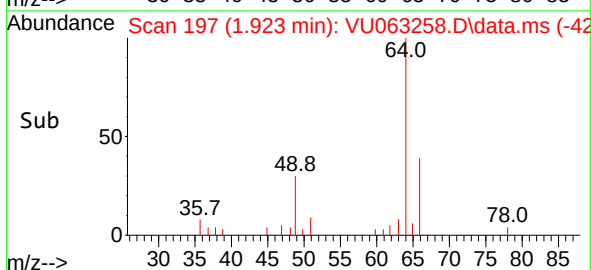
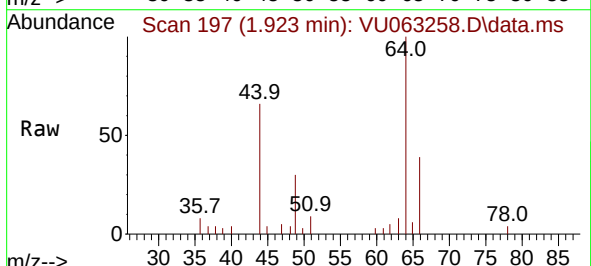
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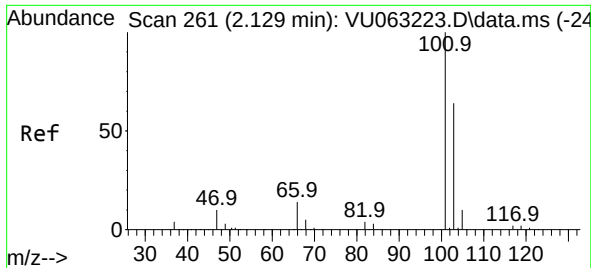
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#6
Chloroethane
Concen: 0.528 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

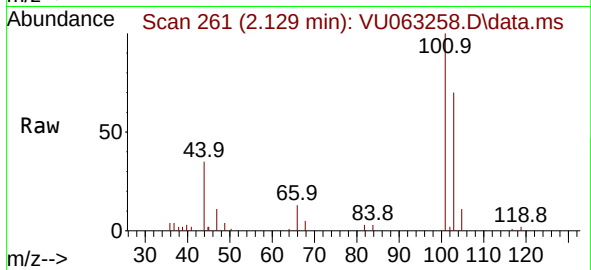
Tgt Ion: 64 Resp: 6034
Ion Ratio Lower Upper
64 100
66 38.9 25.8 38.8#





#7
 Trichlorofluoromethane
 Concen: 0.526 ug/l
 RT: 2.129 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VU063258.D
 Acq: 12 Feb 2025 16:44

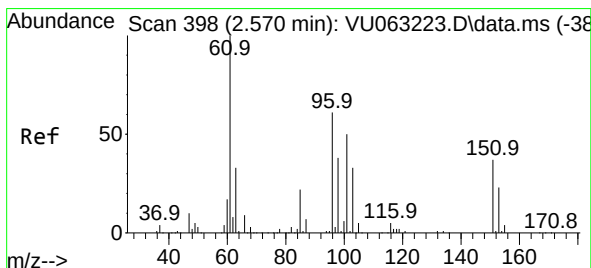
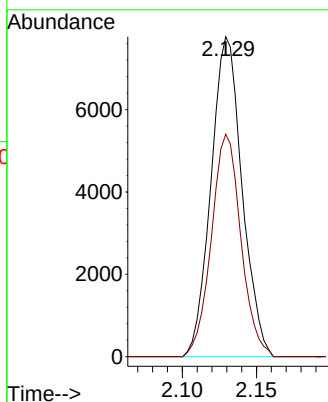
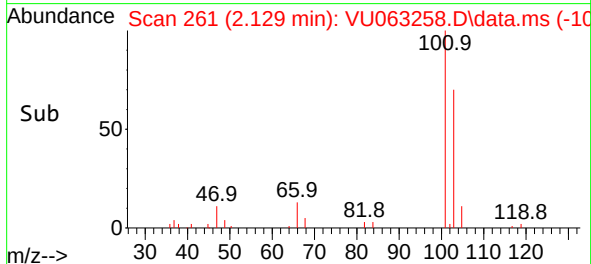
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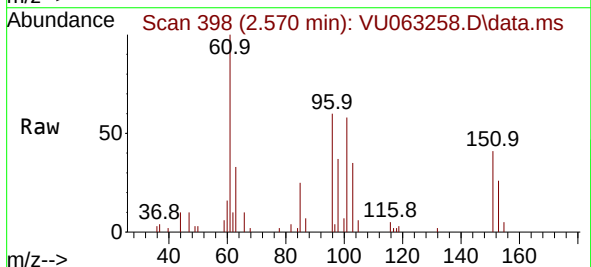
Tgt Ion:101 Resp: 11309
 Ion Ratio Lower Upper
 101 100
 103 69.5 51.4 77.2

Manual Integrations
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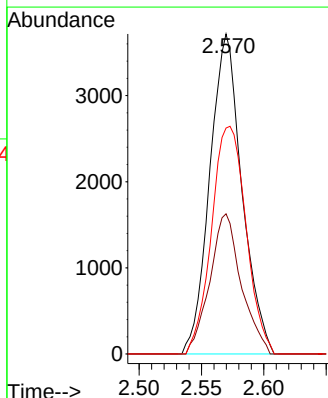
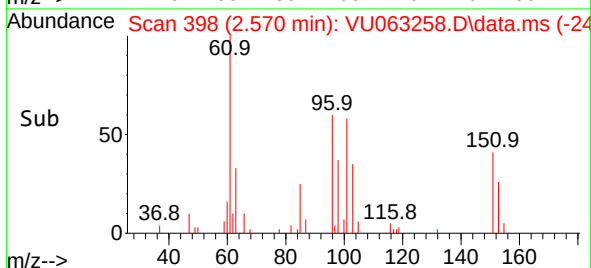
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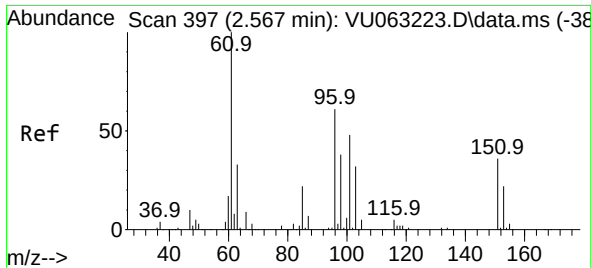


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.546 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063258.D
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Tgt Ion:101 Resp: 6669
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.4 53.0
 151 76.4 58.5 87.7





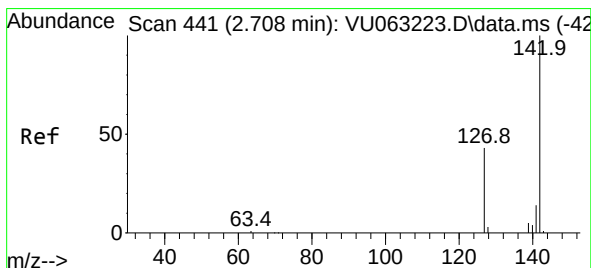
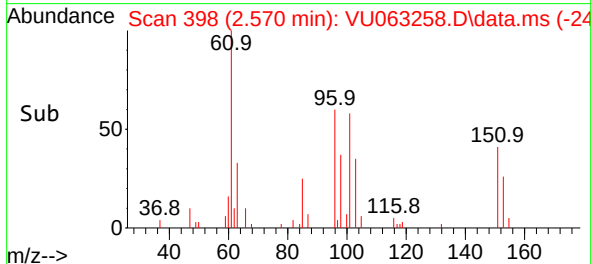
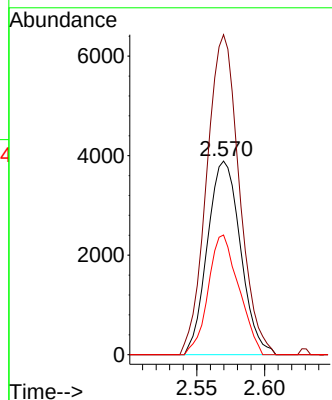
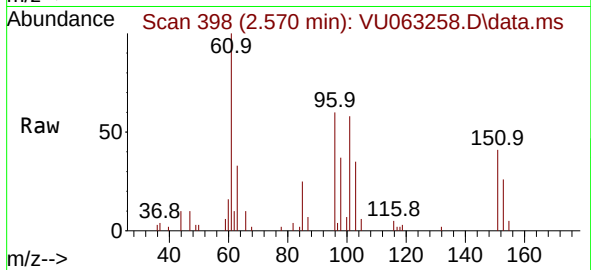
#9
1,1-Dichloroethene
Concen: 0.531 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

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MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 6612
Ion Ratio Lower Upper
96 100
61 165.3 0.0 492.9
98 61.9 0.0 124.0

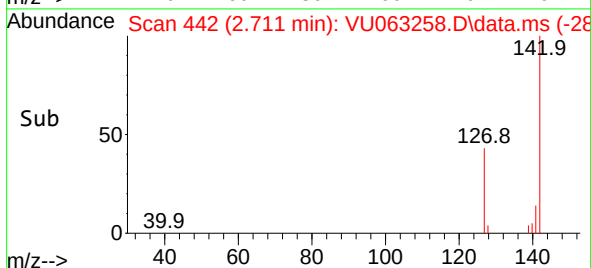
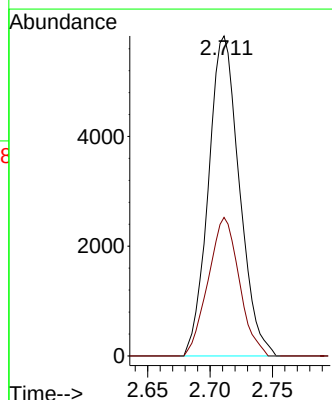
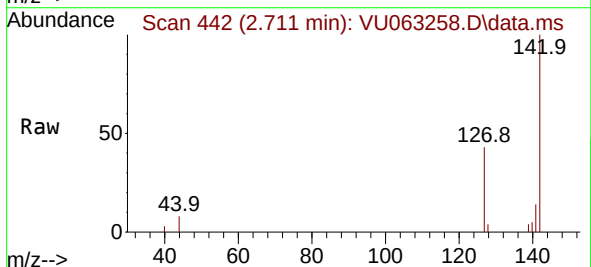
Manual Integrations
APPROVED

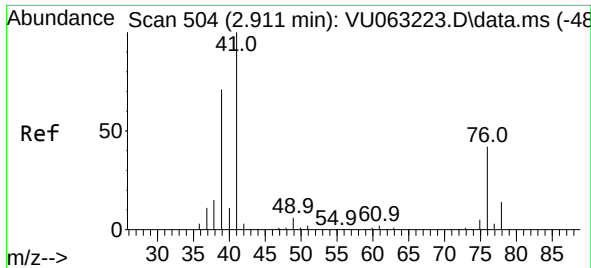
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#10
Iodomethane
Concen: 0.515 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

Tgt Ion:142 Resp: 10072
Ion Ratio Lower Upper
142 100
127 43.4 34.5 51.7





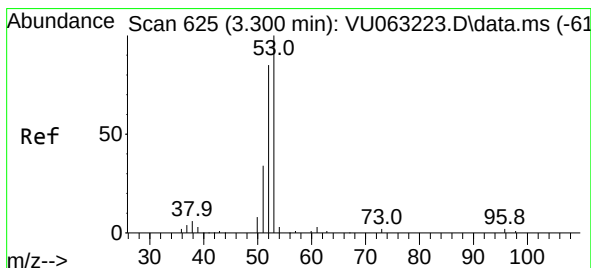
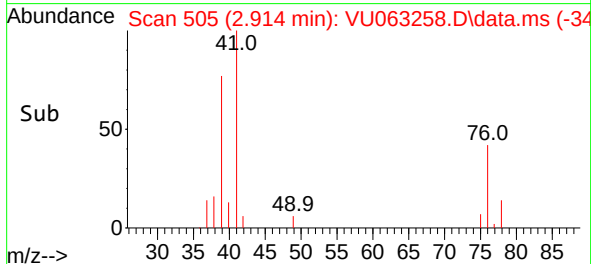
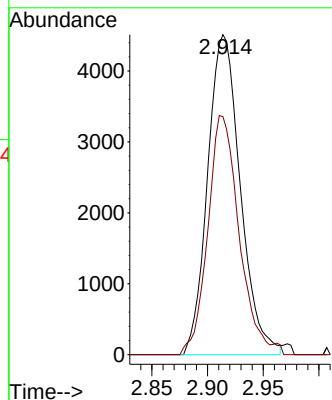
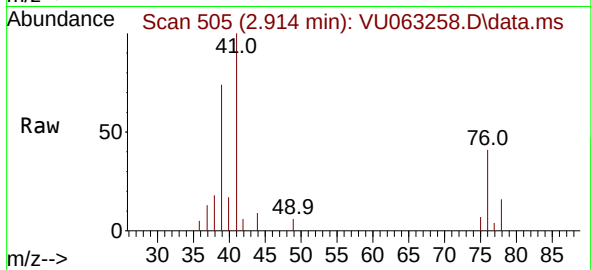
#11
 Allyl Chloride
 Concen: 0.515 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063258.D
 Acq: 12 Feb 2025 16:44

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

Tgt Ion: 41 Resp: 9214
 Ion Ratio Lower Upper
 41 100
 39 71.8 57.9 86.9

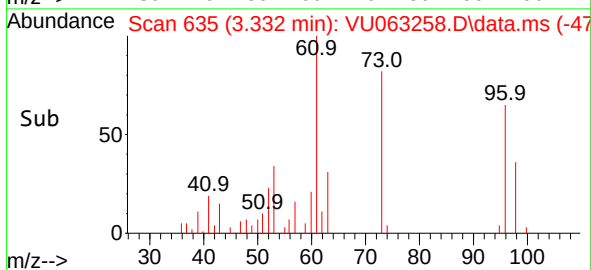
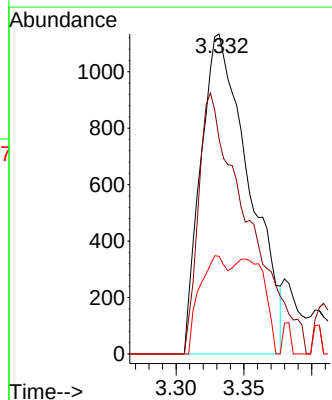
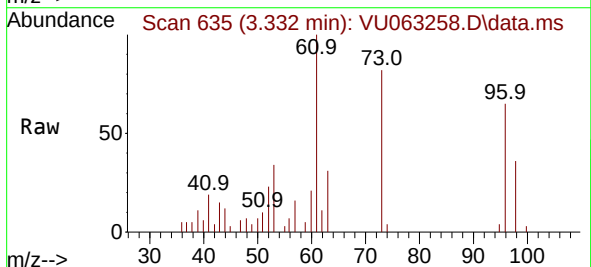
Manual Integrations
 APPROVED

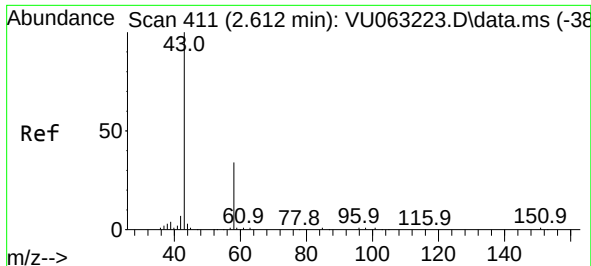
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#12
 Acrylonitrile
 Concen: 0.981 ug/l
 RT: 3.332 min Scan# 635
 Delta R.T. 0.032 min
 Lab File: VU063258.D
 Acq: 12 Feb 2025 16:44

Tgt Ion: 53 Resp: 2816
 Ion Ratio Lower Upper
 53 100
 52 82.1 64.2 96.2
 51 17.3 30.8 46.2#





#13

Acetone

Concen: 2.963 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063258.D

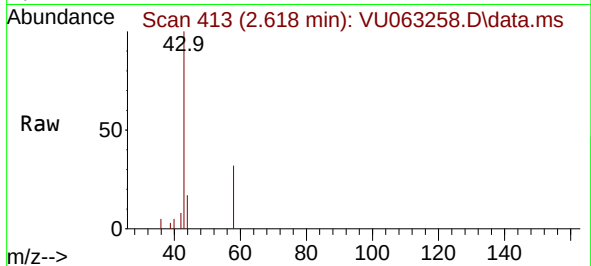
Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

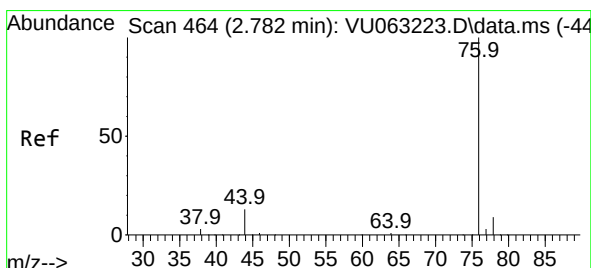
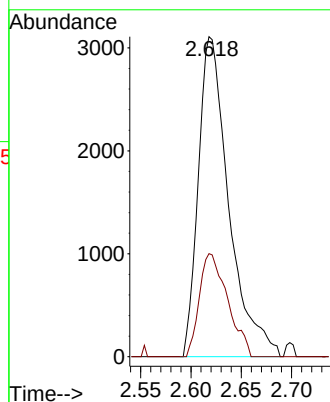
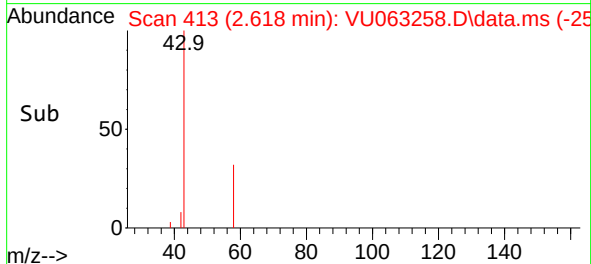
LOQ-WATER-02-QT1-2025



Tgt Ion: 43	Resp: 6540
Ion Ratio	Lower Upper
43	100
58	32.2 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: 0.531 ug/l

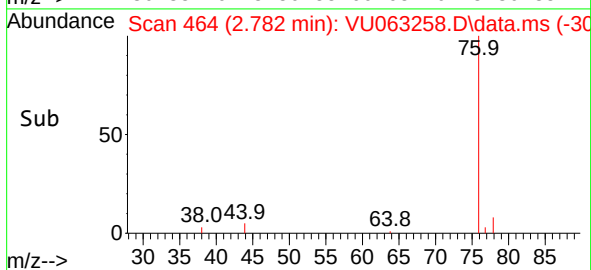
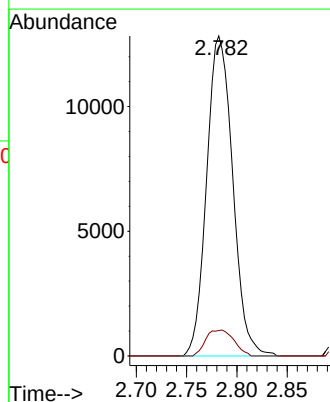
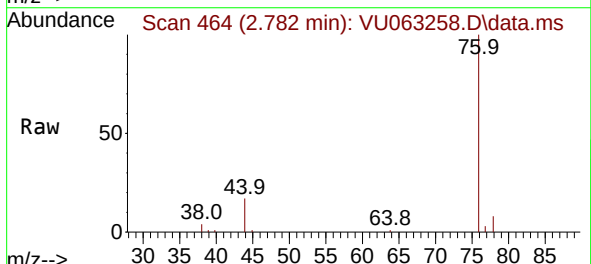
RT: 2.782 min Scan# 464

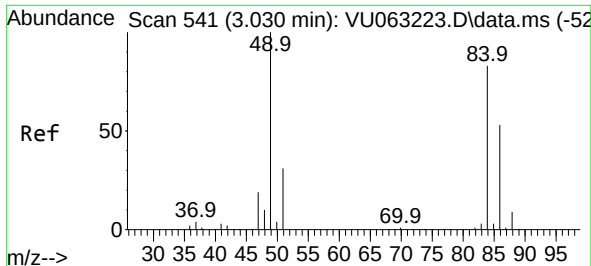
Delta R.T. -0.000 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

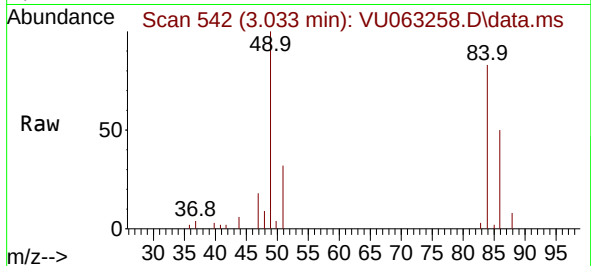
Tgt Ion: 76	Resp: 23110
Ion Ratio	Lower Upper
76	100
78	7.9 7.2 10.8





#15
Methylene Chloride
Concen: 0.586 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

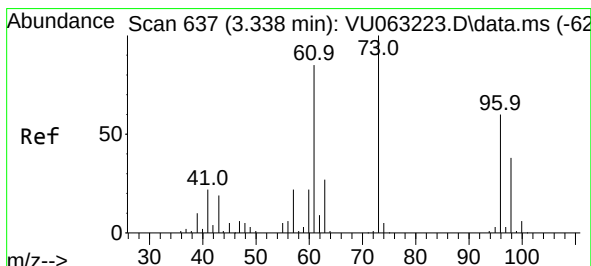
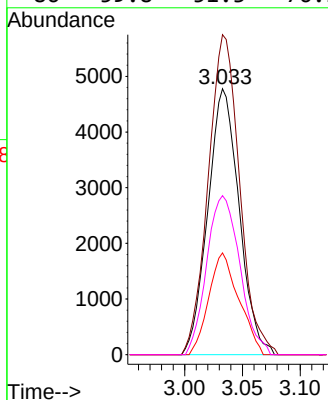
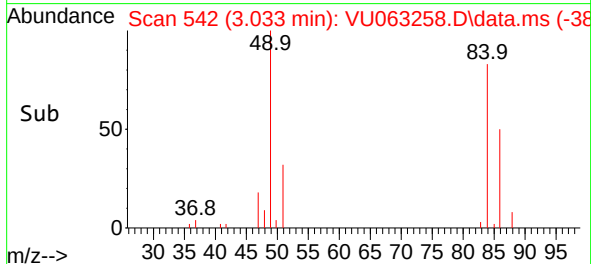
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



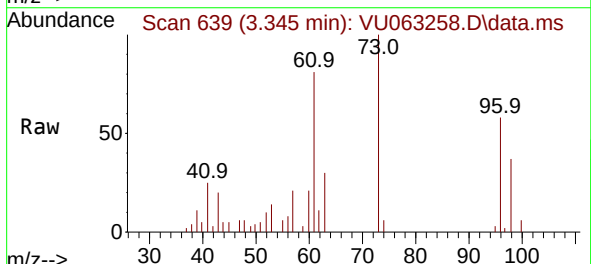
Tgt Ion: 84 Resp: 900
Ion Ratio Lower Upper
84 100
49 120.3 96.4 144.6
51 38.3 0.0 74.8
86 59.8 51.3 76.9

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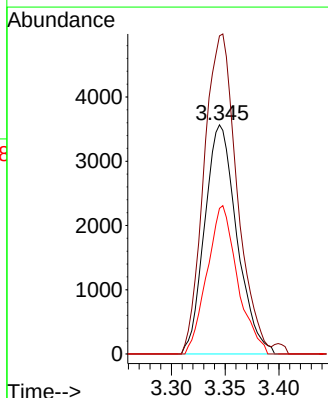
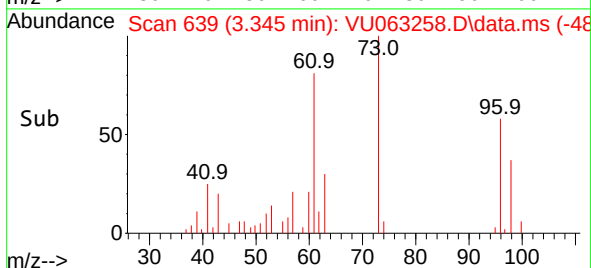
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

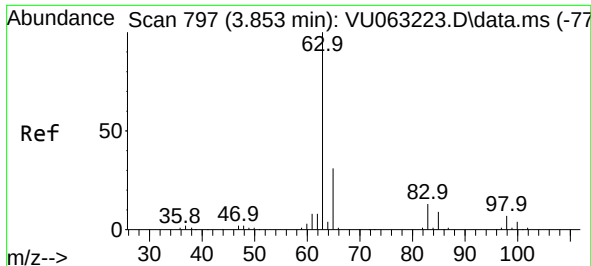


#16
trans-1,2-Dichloroethene
Concen: 0.523 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.006 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44



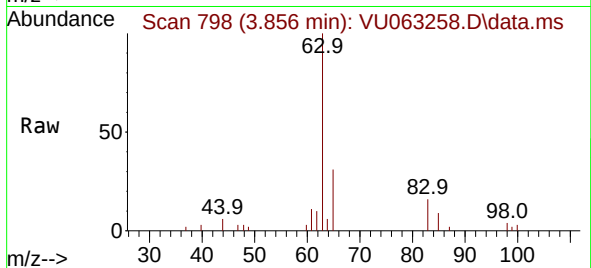
Tgt Ion: 96 Resp: 7423
Ion Ratio Lower Upper
96 100
61 133.2 113.4 170.2
98 61.0 51.2 76.8





#17
1,1-Dichloroethane
Concen: 0.526 ug/l
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

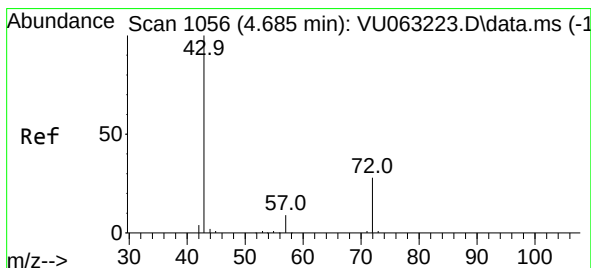
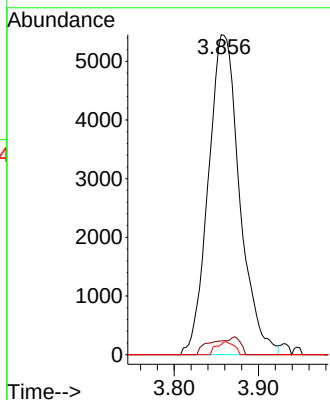
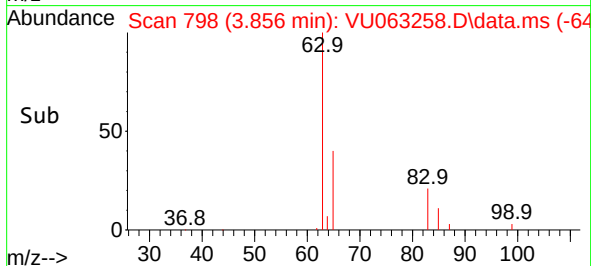
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 63 Resp: 14079
Ion Ratio Lower Upper
63 100
98 4.3 3.3 9.9
100 3.1 2.1 6.2

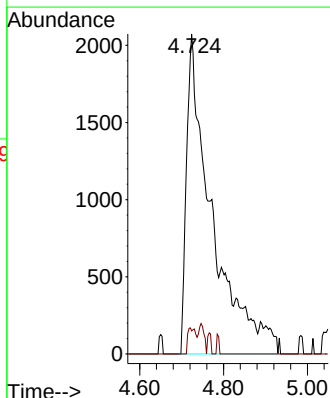
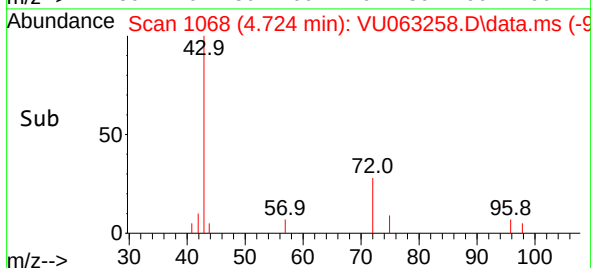
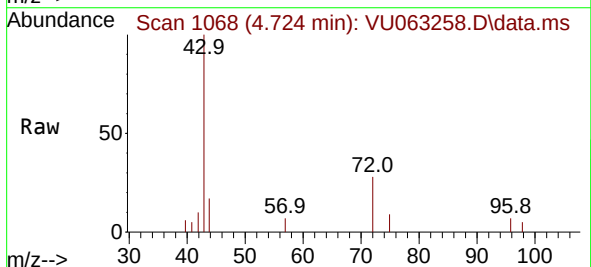
Manual Integrations
APPROVED

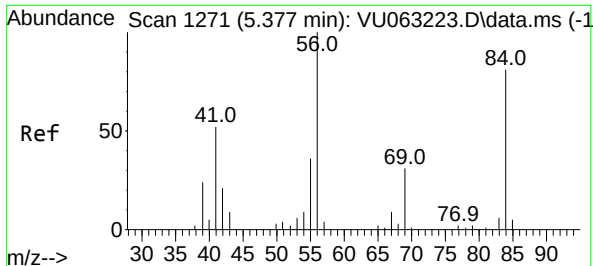
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#18
2-Butanone
Concen: 2.473 ug/l m
RT: 4.724 min Scan# 1068
Delta R.T. 0.038 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 43 Resp: 8686
Ion Ratio Lower Upper
43 100
57 7.2 0.0 17.0





#19

Cyclohexane

Concen: 0.457 ug/l m

RT: 5.373 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

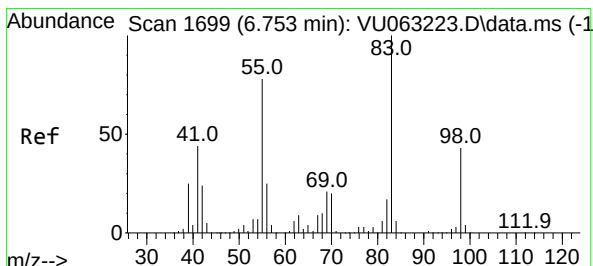
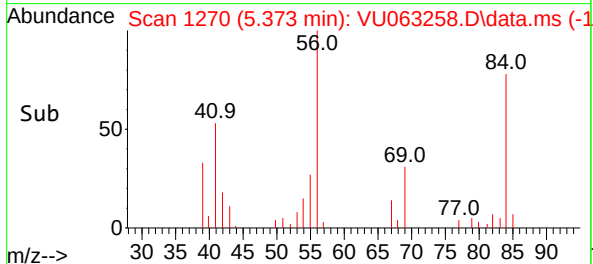
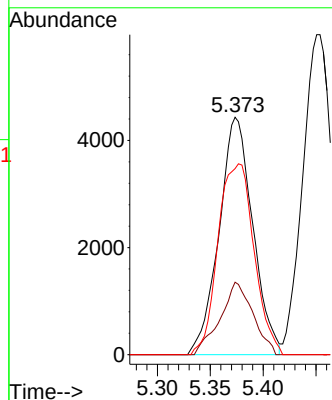
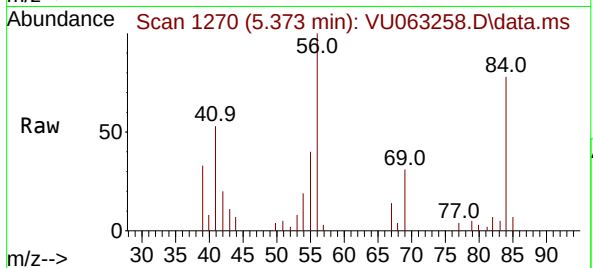
LOQ-WATER-02-QT1-2025

Tgt Ion:	56	Resp:	983
Ion Ratio	Lower	Upper	
56	100		
69	29.7	24.5	36.7
84	85.8	65.2	97.8

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.458 ug/l

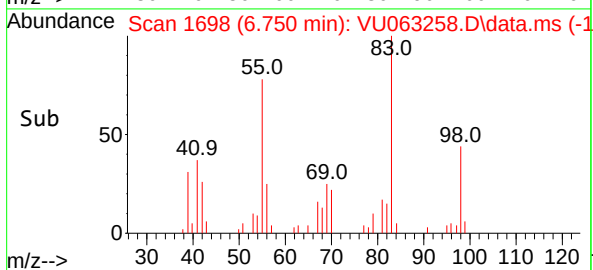
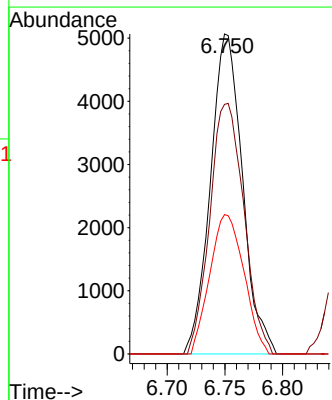
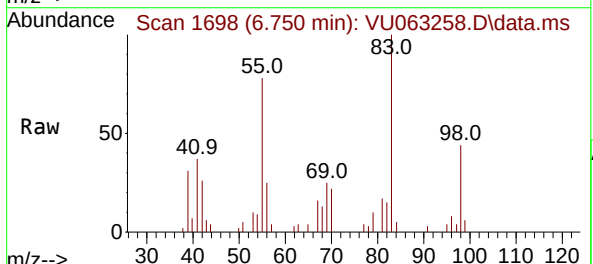
RT: 6.750 min Scan# 1698

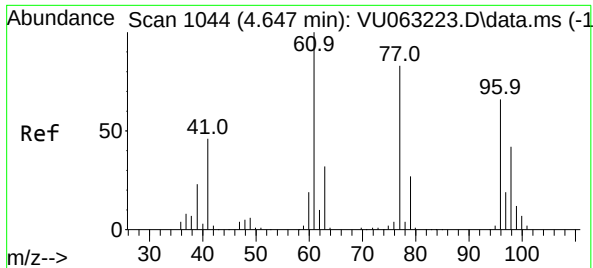
Delta R.T. -0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Tgt Ion:	83	Resp:	9762
Ion Ratio	Lower	Upper	
83	100		
55	83.1	63.1	94.7
98	46.4	35.2	52.8





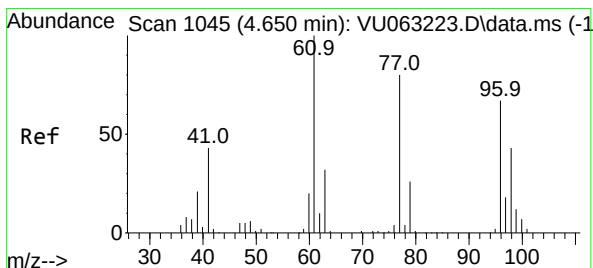
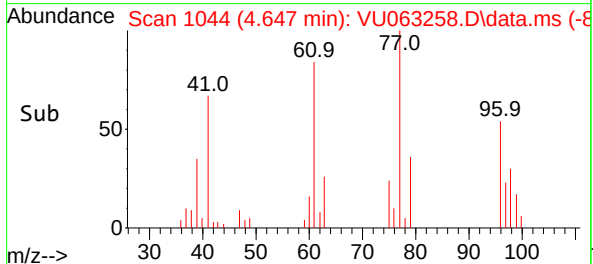
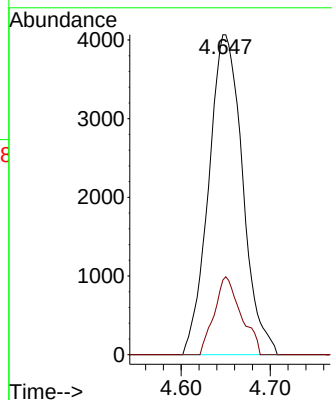
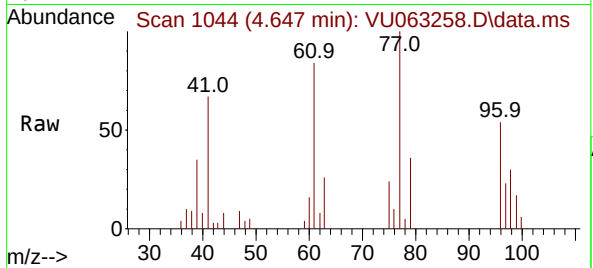
#21
2,2-Dichloropropane
Concen: 0.514 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

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

Tgt Ion: 77 Resp: 1074
Ion Ratio Lower Upper
77 100
97 19.2 18.5 27.7

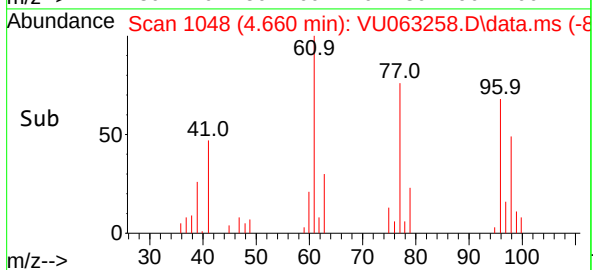
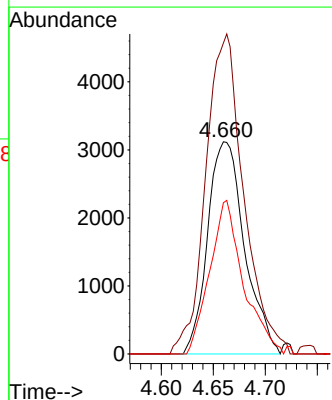
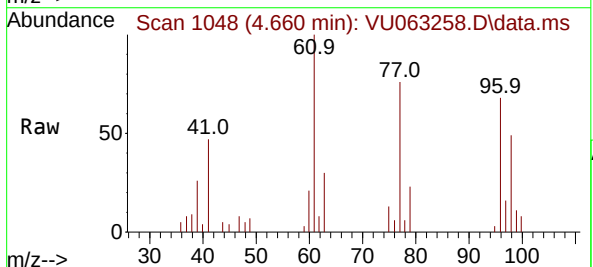
Manual Integrations
APPROVED

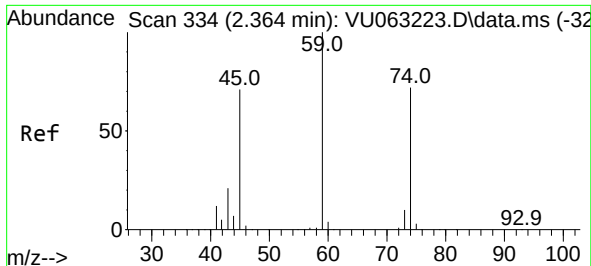
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#22
cis-1,2-Dichloroethene
Concen: 0.503 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 96 Resp: 7719
Ion Ratio Lower Upper
96 100
61 154.9 0.0 373.3
98 65.9 31.9 95.9





#23

Diethyl Ether

Concen: 0.512 ug/l

RT: 2.367 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

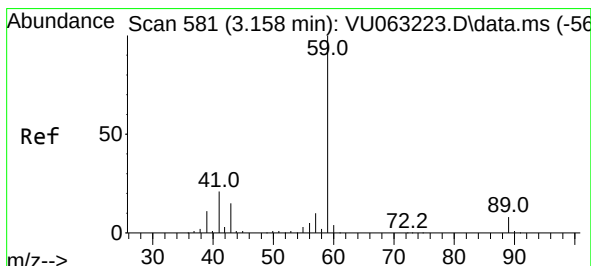
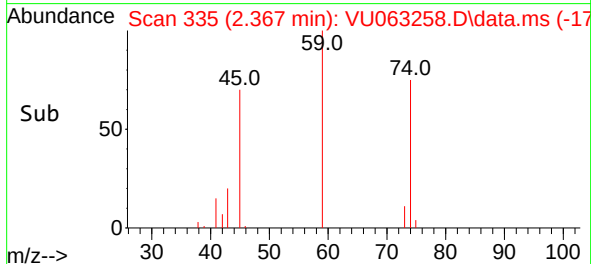
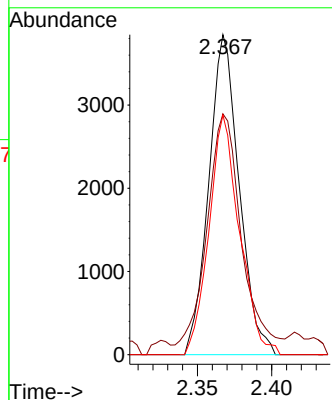
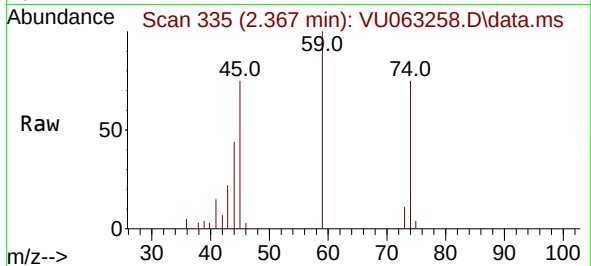
Tgt Ion: 59 Resp: 5469

Ion	Ratio	Lower	Upper
59	100		
45	88.1	57.8	86.6
74	75.1	57.7	86.5

Manual Integrations

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



#24

tert-Butyl Alcohol

Concen: 8.607 ug/l

RT: 3.174 min Scan# 586

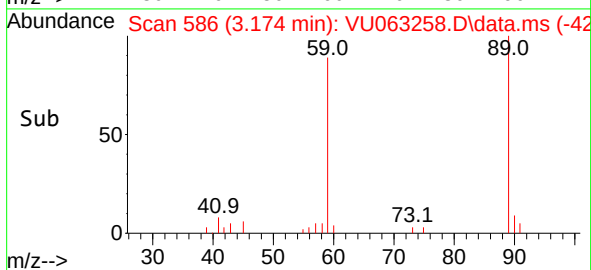
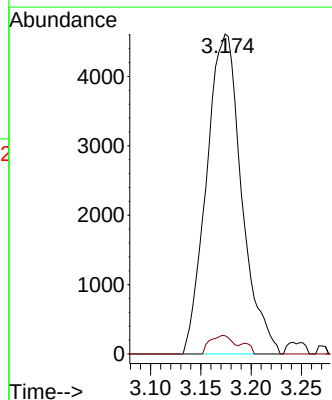
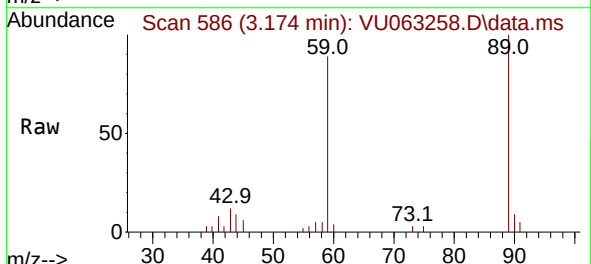
Delta R.T. 0.016 min

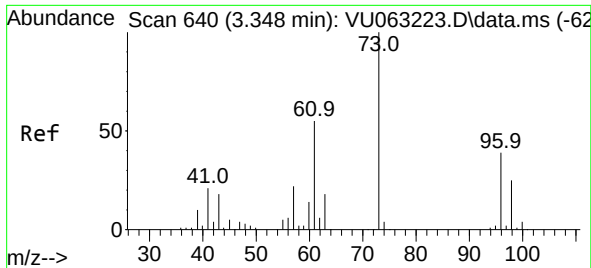
Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Tgt Ion: 59 Resp: 11180

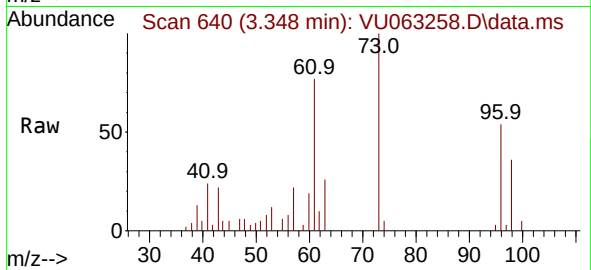
Ion	Ratio	Lower	Upper
59	100		
57	3.8	7.5	11.3





#25
Methyl tert-Butyl Ether
Concen: 0.517 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

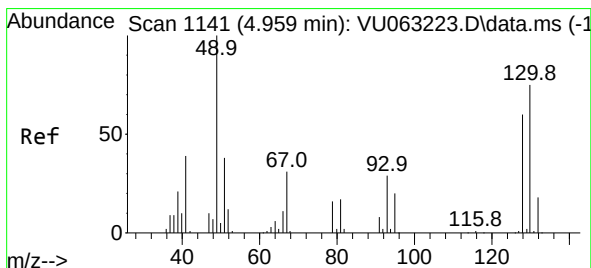
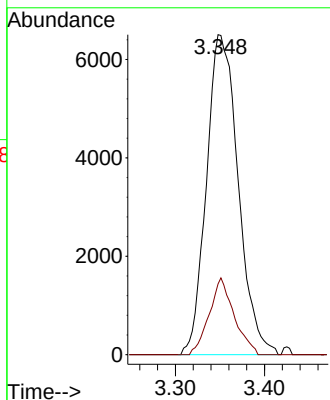
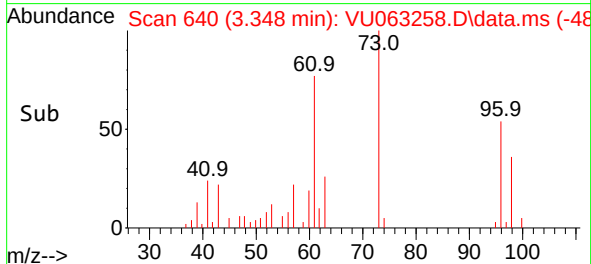
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



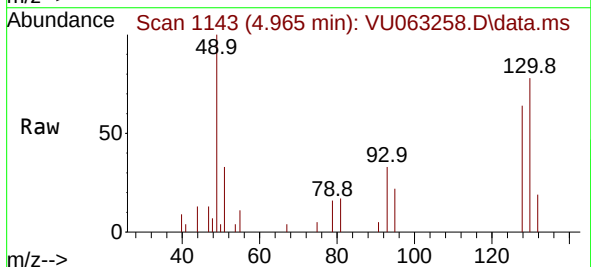
Tgt Ion: 73 Resp: 16079
Ion Ratio Lower Upper
73 100
43 18.8 14.9 22.3

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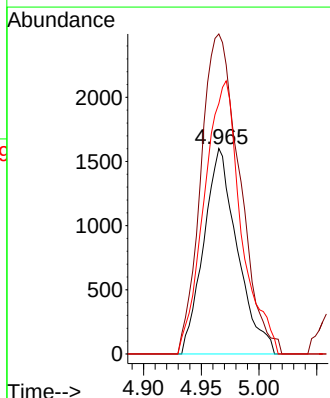
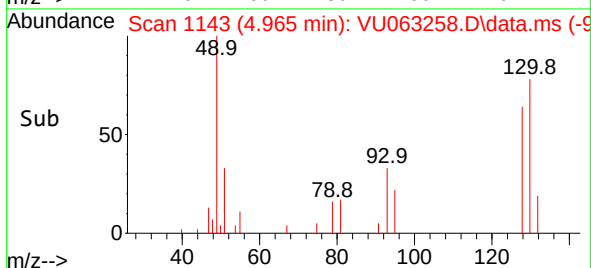
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

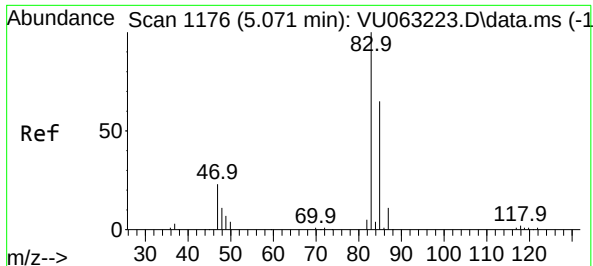


#26
Bromochloromethane
Concen: 0.483 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44



Tgt Ion:128 Resp: 3239
Ion Ratio Lower Upper
128 100
49 179.9 0.0 343.4
130 145.8 102.9 154.3





#27

Chloroform

Concen: 0.544 ug/l

RT: 5.078 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

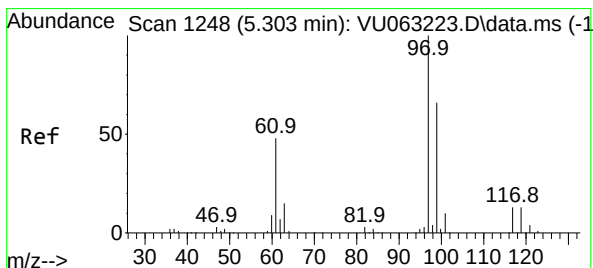
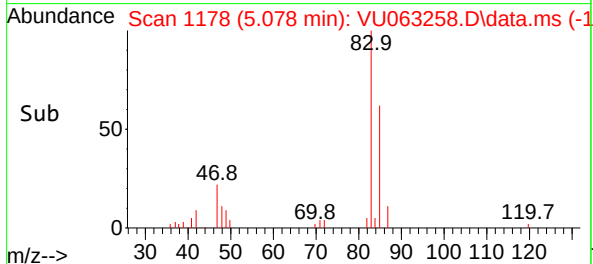
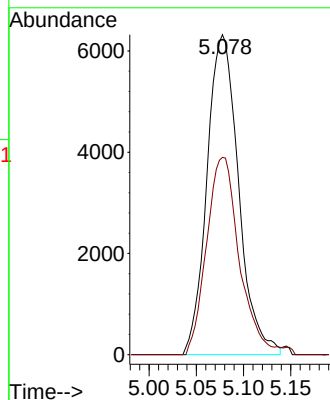
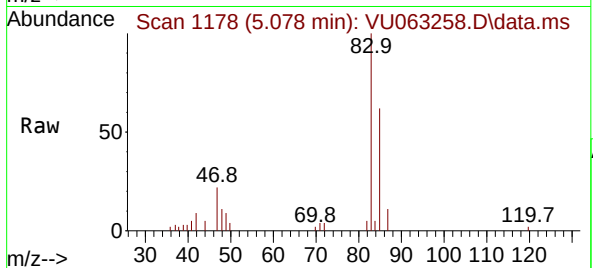
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 83 Resp: 1468
 Ion Ratio Lower Upper
 83 100
 85 61.7 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: 0.516 ug/l

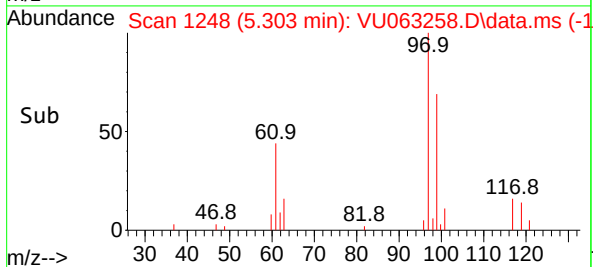
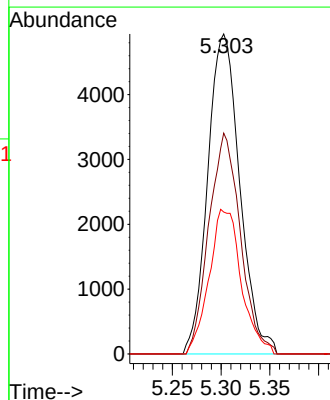
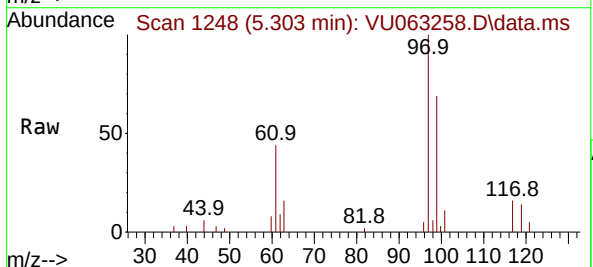
RT: 5.303 min Scan# 1248

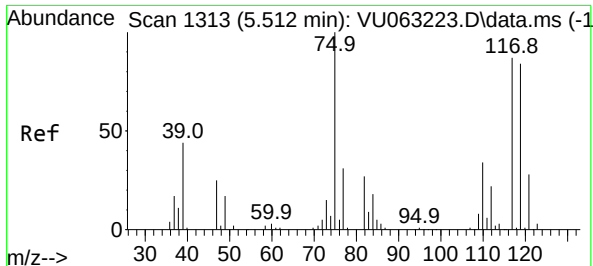
Delta R.T. -0.000 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Tgt Ion: 97 Resp: 11289
 Ion Ratio Lower Upper
 97 100
 99 67.9 32.4 97.0
 61 45.4 23.8 71.2





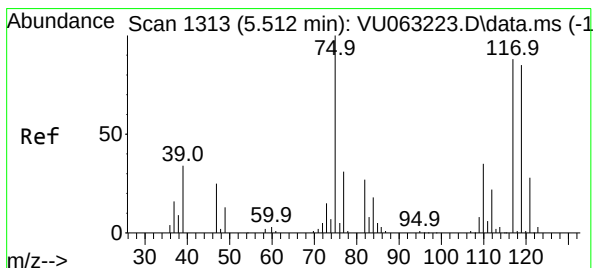
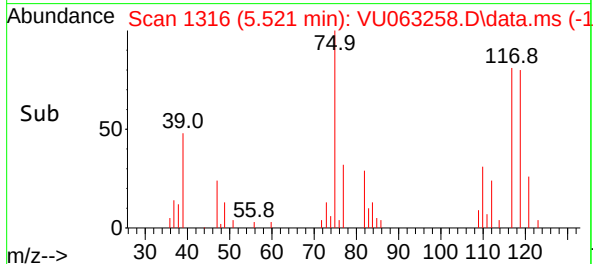
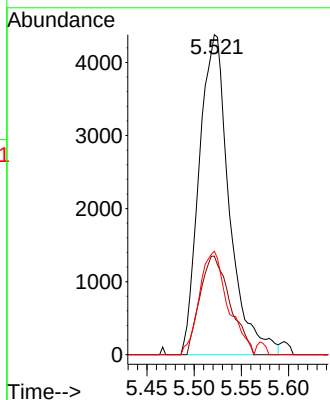
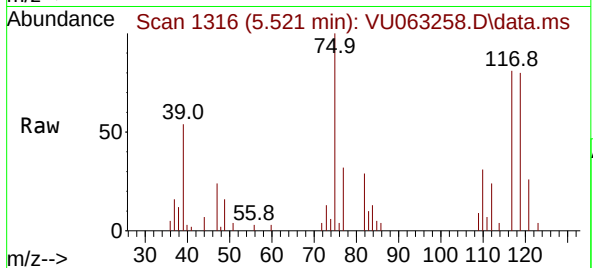
#29
1,1-Dichloropropene
Concen: 0.494 ug/l
RT: 5.521 min Scan# 1167
Delta R.T. 0.010 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

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

Tgt Ion: 75 Resp: 9679
Ion Ratio Lower Upper
75 100
110 30.9 17.2 51.5
77 30.8 24.6 37.0

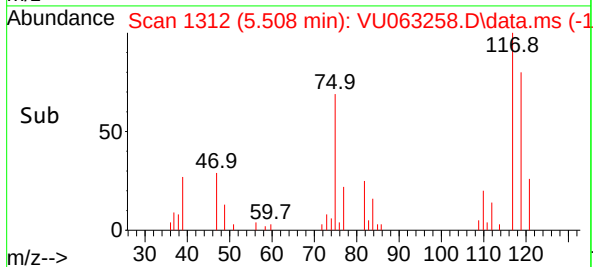
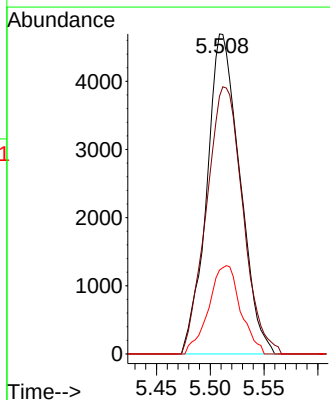
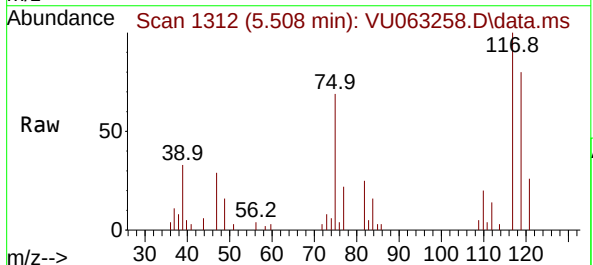
Manual Integrations
APPROVED

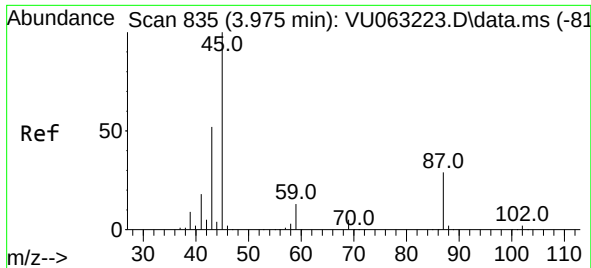
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#30
Carbon Tetrachloride
Concen: 0.535 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

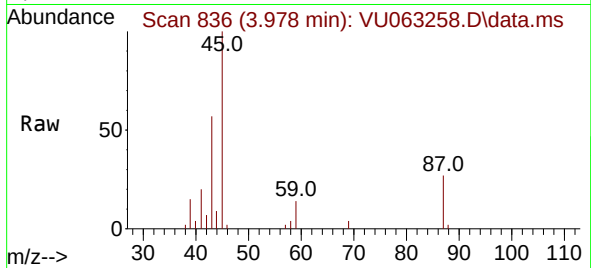
Tgt Ion:117 Resp: 10051
Ion Ratio Lower Upper
117 100
119 80.5 76.7 115.1
121 26.2 25.5 38.3





#31
Isopropyl Ether
Concen: 0.484 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

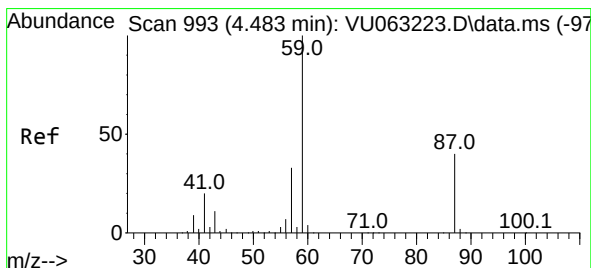
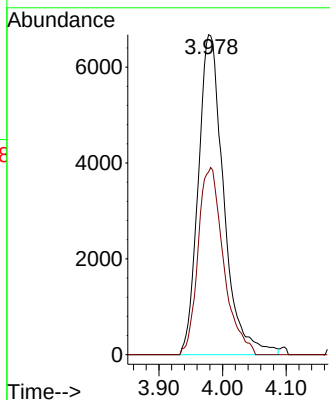
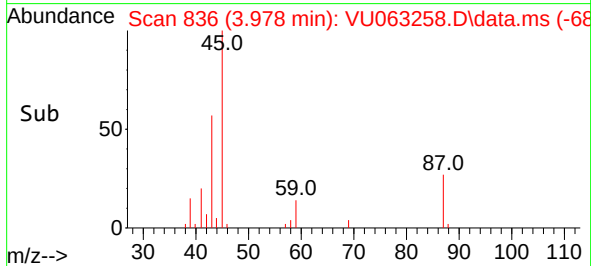
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



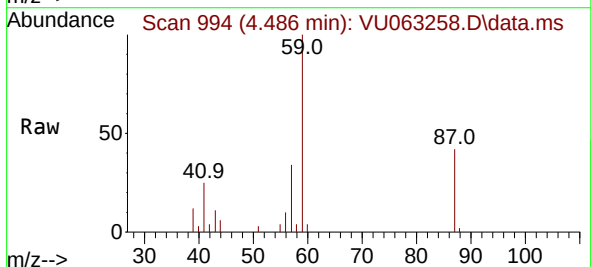
Tgt Ion: 45 Resp: 1849
Ion Ratio Lower Upper
45 100
43 58.7 25.7 77.1

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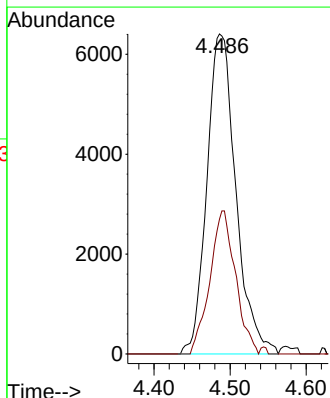
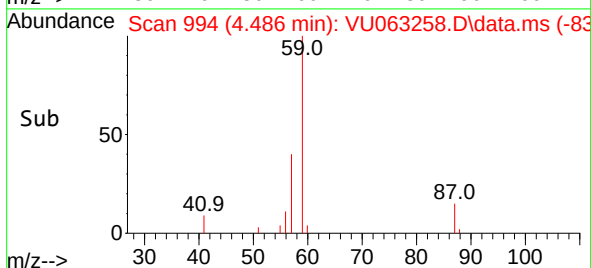
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

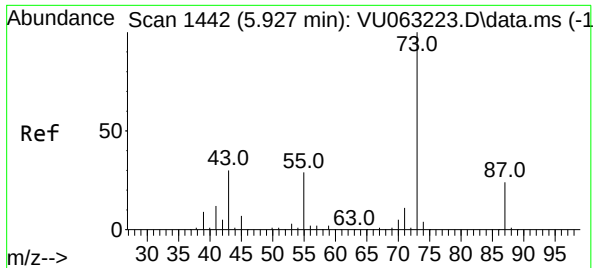


#32
Ethyl-t-butyl ether
Concen: 0.488 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44



Tgt Ion: 59 Resp: 16950
Ion Ratio Lower Upper
59 100
87 39.5 32.6 49.0





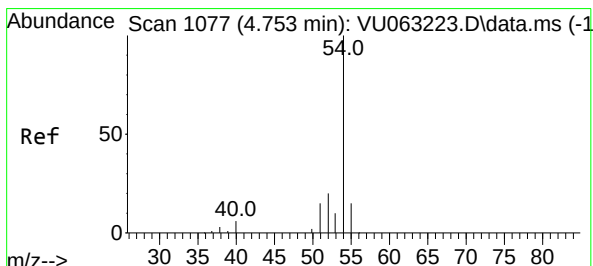
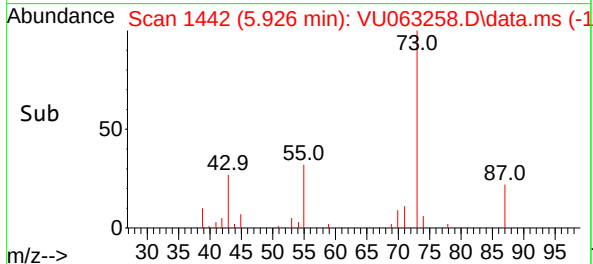
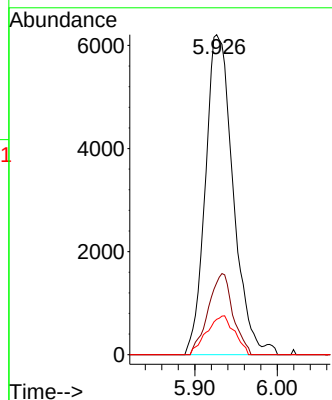
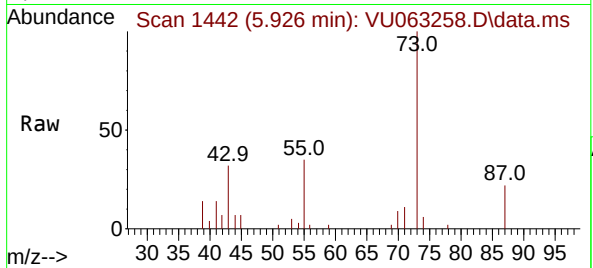
#33
Tert-Amyl methyl ether
Concen: 0.479 ug/l m
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

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

Tgt Ion: 73	Resp: 1454
Ion Ratio	Lower Upper
73 100	
87 22.5	18.9 28.3
71 12.1	9.0 13.4

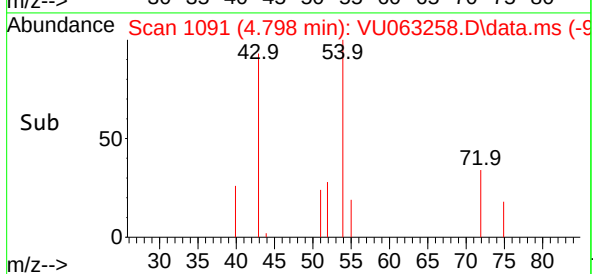
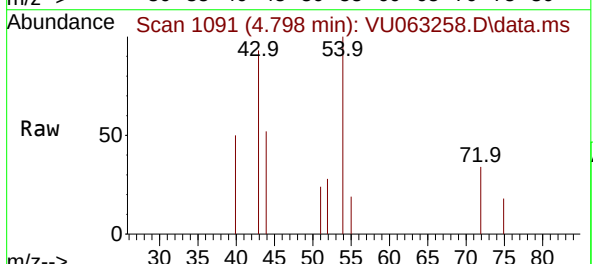
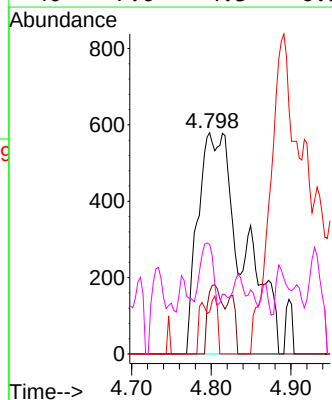
Manual Integrations
APPROVED

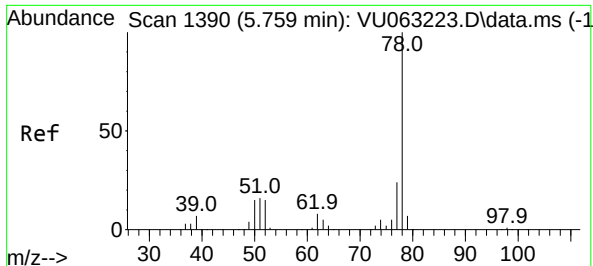
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#34
Propionitrile
Concen: 2.134 ug/l m
RT: 4.798 min Scan# 1091
Delta R.T. 0.045 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 54	Resp: 2261
Ion Ratio	Lower Upper
54 100	
52 10.3	16.3 24.5#
55 3.5	11.8 17.6#
40 7.6	4.3 6.5#





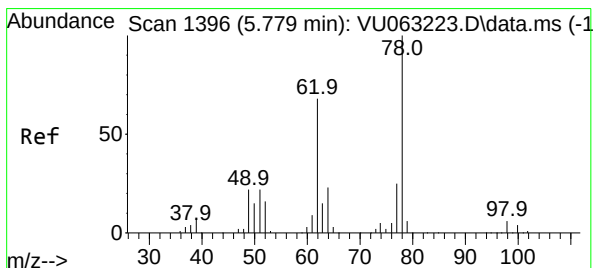
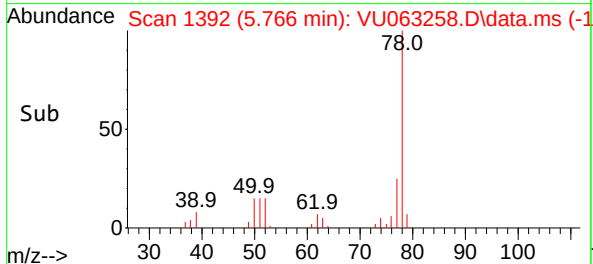
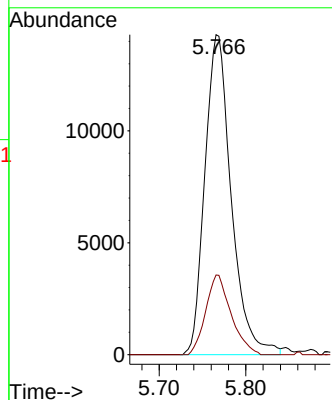
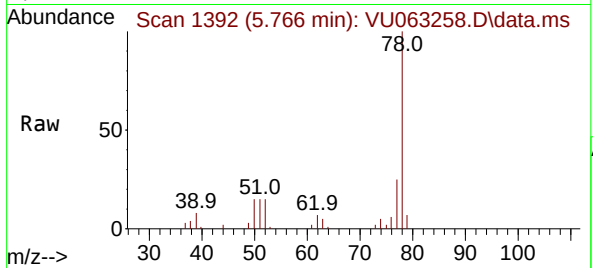
#35
Benzene
Concen: 0.502 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

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

Tgt Ion: 78 Resp: 3025
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4

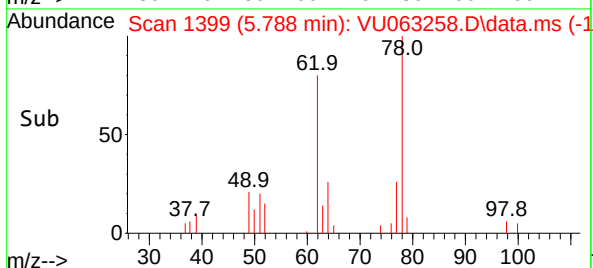
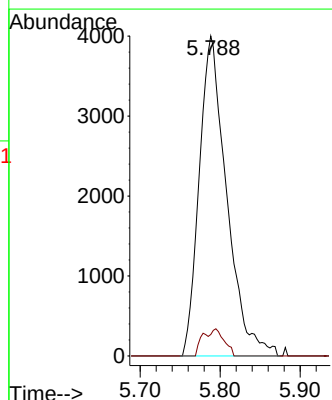
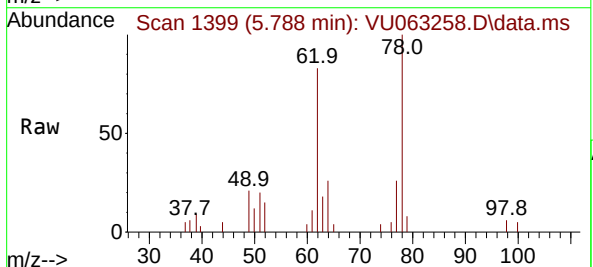
Manual Integrations
APPROVED

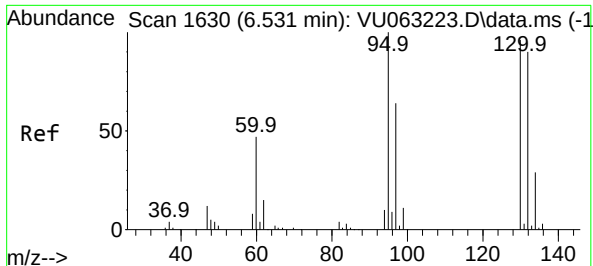
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#36
1,2-Dichloroethane
Concen: 0.550 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.010 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 62 Resp: 9564
Ion Ratio Lower Upper
62 100
98 4.2 6.9 10.3#





#37

Trichloroethene

Concen: 0.537 ug/l

RT: 6.534 min Scan# 1630

Delta R.T. 0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:130 Resp: 770

Ion Ratio Lower Upper

130 100

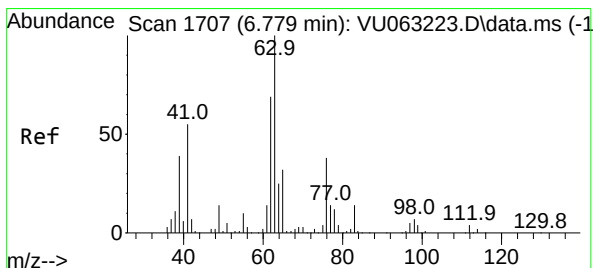
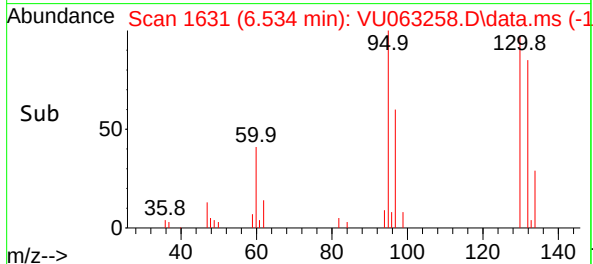
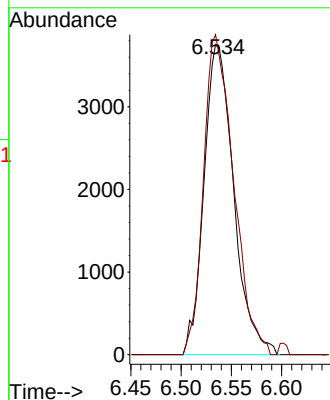
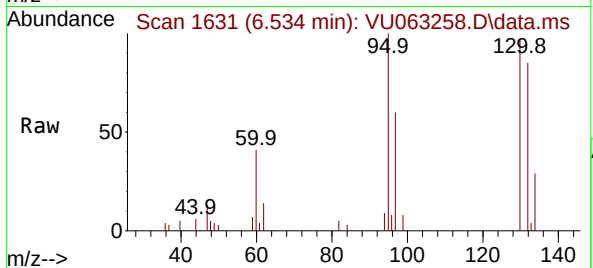
95 103.1 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#38

1,2-Dichloropropane

Concen: 0.533 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU063258.D

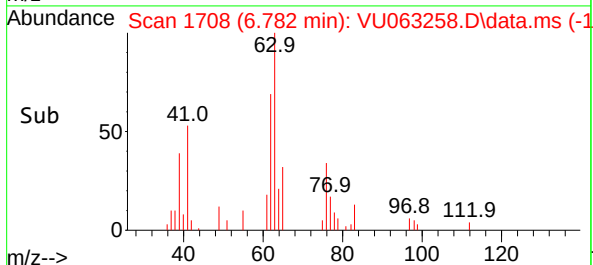
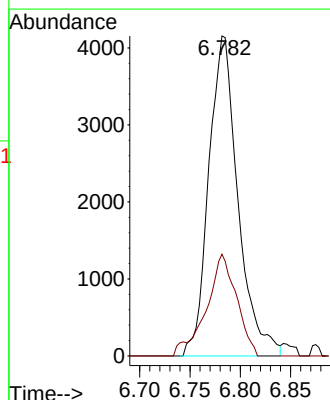
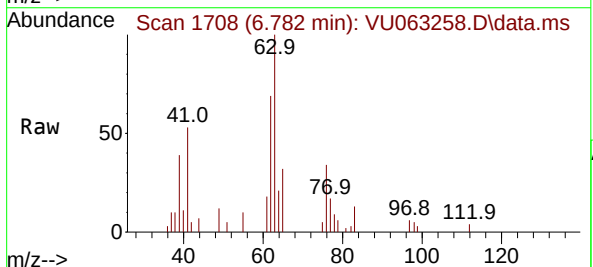
Acq: 12 Feb 2025 16:44

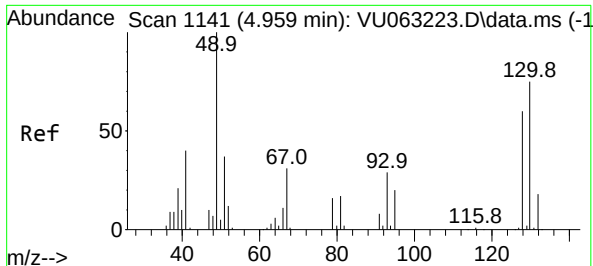
Tgt Ion: 63 Resp: 8409

Ion Ratio Lower Upper

63 100

65 31.8 25.3 37.9





#39

Methacrylonitrile

Concen: 0.527 ug/l m

RT: 4.994 min Scan# 1152

Delta R.T. 0.035 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

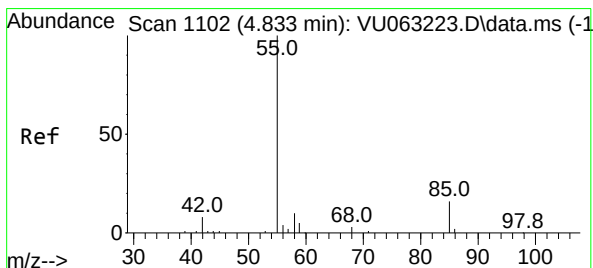
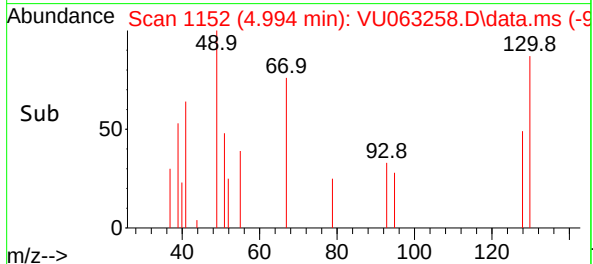
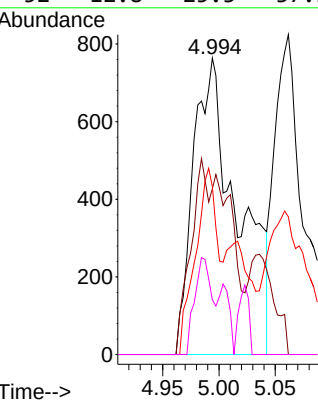
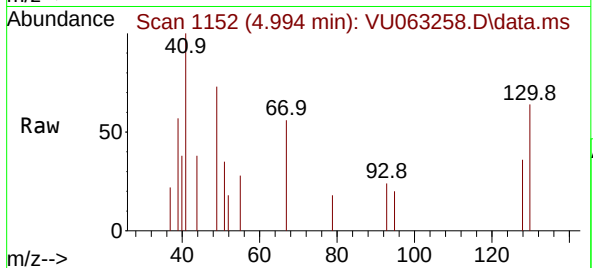
Tgt Ion: 41 Resp: 208

Ion	Ratio	Lower	Upper
41	100		
67	26.6	64.5	96.7
39	32.3	43.0	64.6
52	12.8	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: 0.503 ug/l m

RT: 4.891 min Scan# 1120

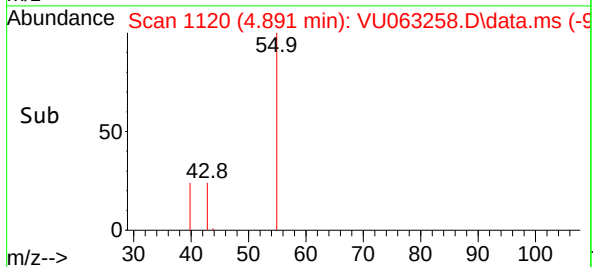
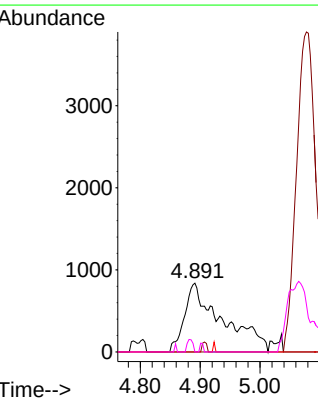
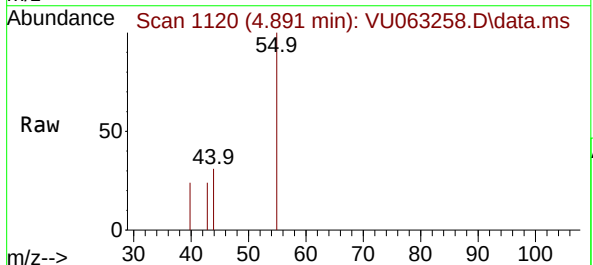
Delta R.T. 0.058 min

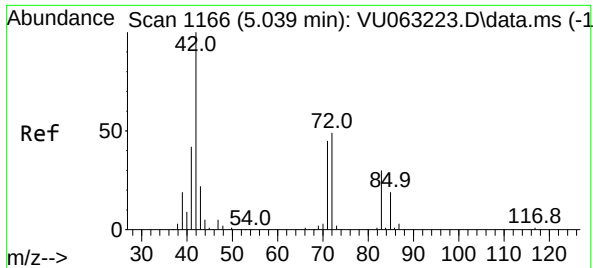
Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Tgt Ion: 55 Resp: 3663

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





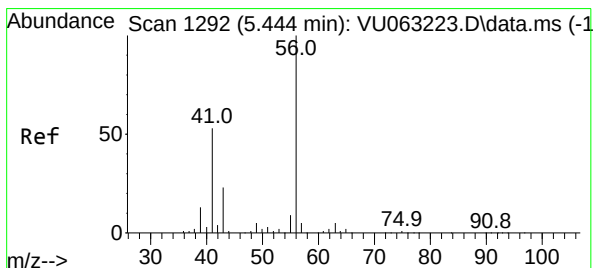
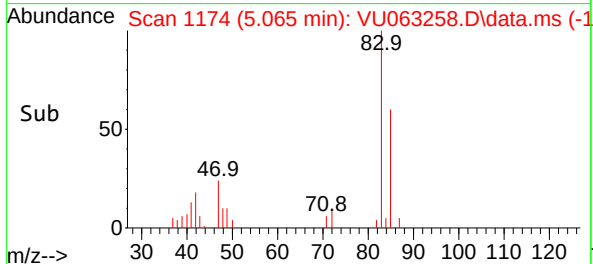
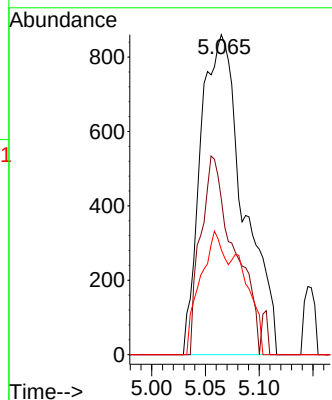
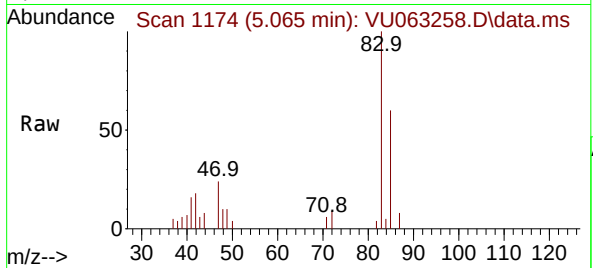
#41
Tetrahydrofuran
Concen: 1.038 ug/l
RT: 5.065 min Scan# 1166
Delta R.T. 0.026 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

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

Tgt Ion: 42 Resp: 238
Ion Ratio Lower Upper
42 100
72 48.7 41.5 62.3
71 23.0 37.2 55.8

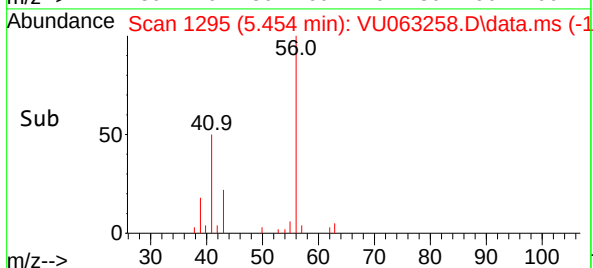
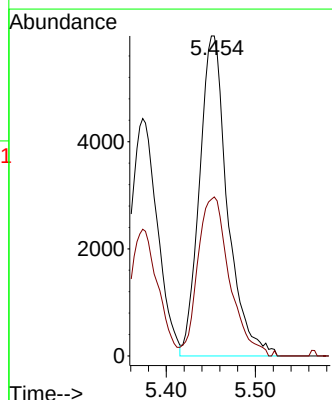
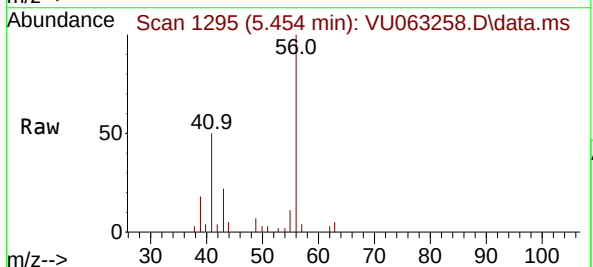
Manual Integrations
APPROVED

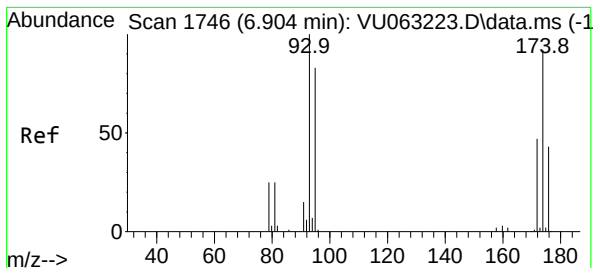
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#42
1-Chlorobutane
Concen: 0.487 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.010 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 56 Resp: 13049
Ion Ratio Lower Upper
56 100
41 56.1 26.3 78.8





#43

Dibromomethane

Concen: 0.533 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.006 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 93 Resp: 426

Ion Ratio Lower Upper

93 100

95 81.9 67.2 100.8

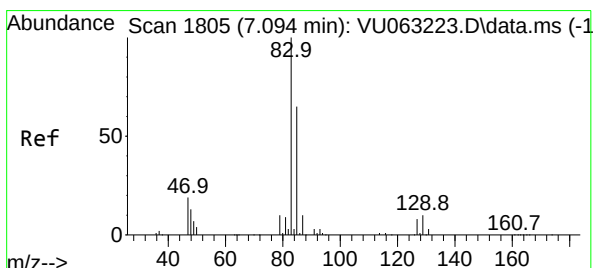
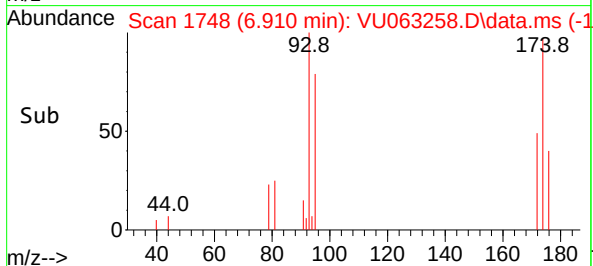
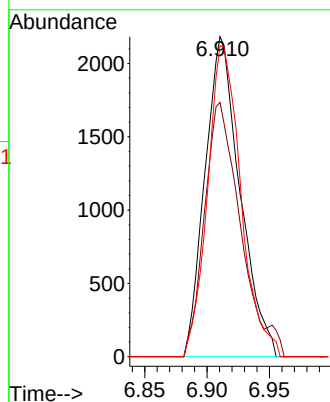
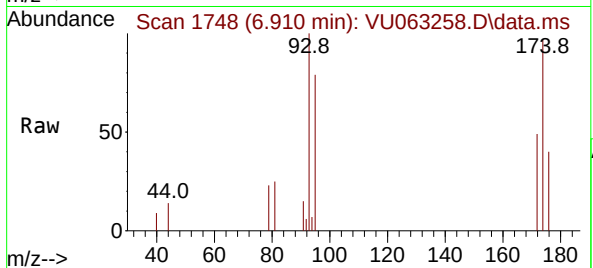
174 92.7 75.7 113.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#44

Bromodichloromethane

Concen: 0.545 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

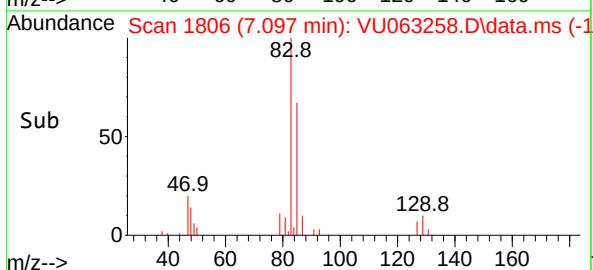
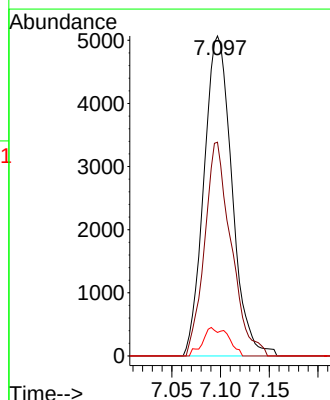
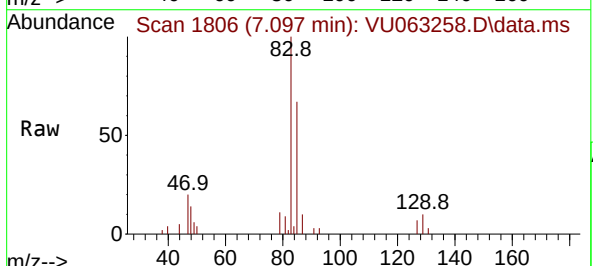
Tgt Ion: 83 Resp: 10140

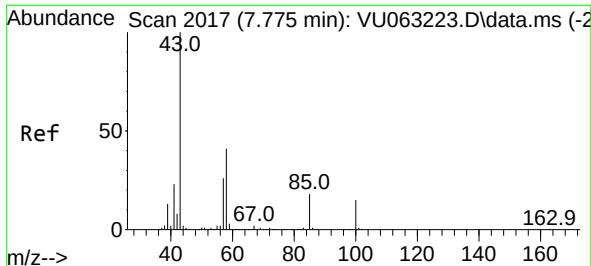
Ion Ratio Lower Upper

83 100

85 66.8 51.7 77.5

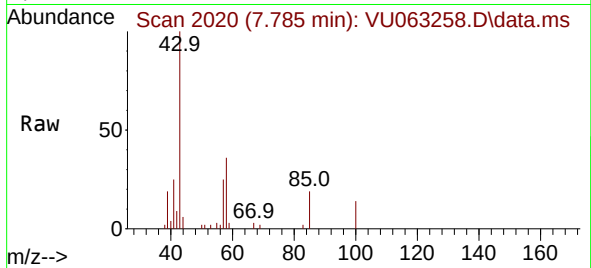
127 7.3 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 2.247 ug/l
RT: 7.785 min Scan# 2017
Delta R.T. 0.010 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

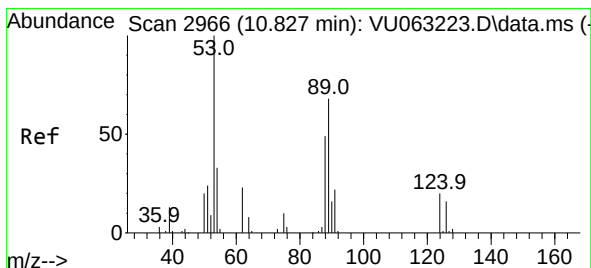
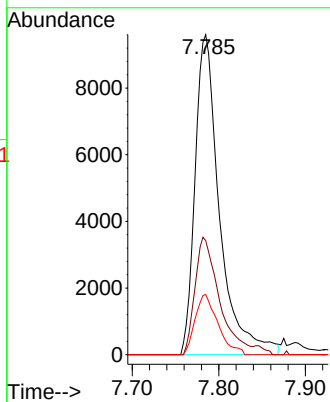
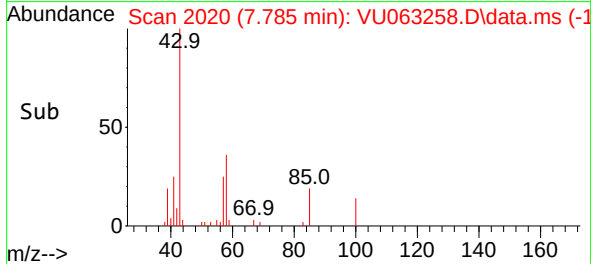
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 43 Resp: 1881
Ion Ratio Lower Upper
43 100
58 36.7 20.8 62.5
85 17.5 14.8 22.2

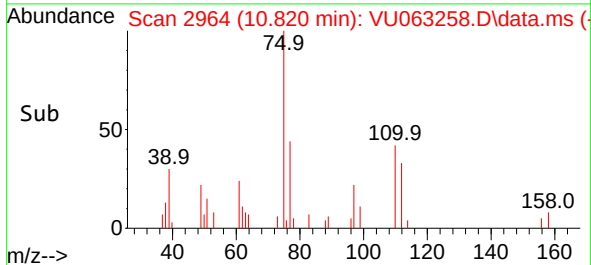
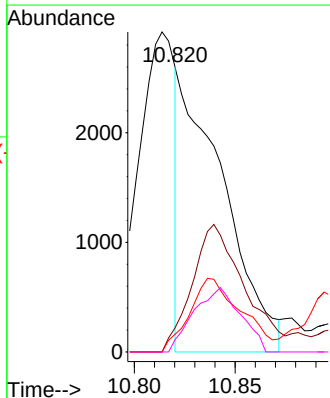
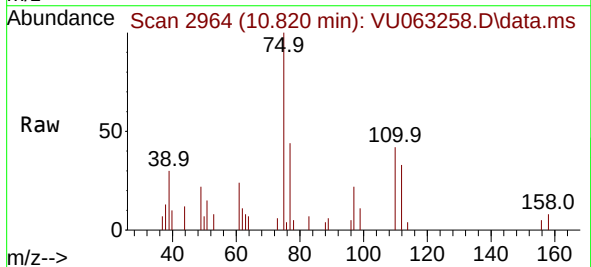
Manual Integrations
APPROVED

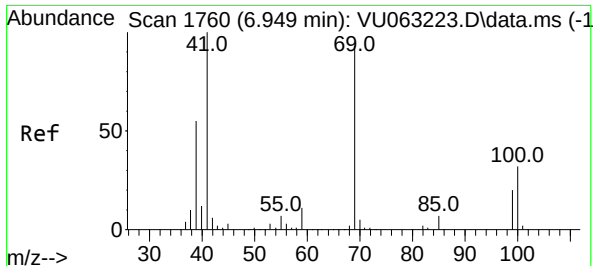
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#46
t-1,4-Dichloro-2-butene
Concen: 1.008 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.007 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 75 Resp: 3967
Ion Ratio Lower Upper
75 100
53 52.6 64.5 96.7#
89 29.9 43.4 65.2#
88 23.8 31.2 46.8#





#47

Methyl methacrylate

Concen: 0.903 ug/l m

RT: 6.962 min Scan# 1760

Delta R.T. 0.013 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 69 Resp: 6078

Ion Ratio Lower Upper

69 100

41 99.4 0.0 217.0

39 55.0 47.7 71.5

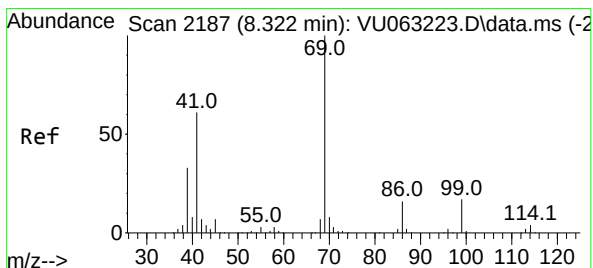
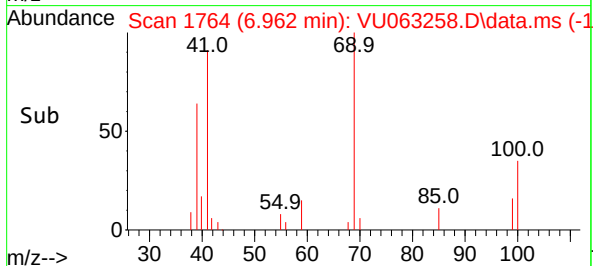
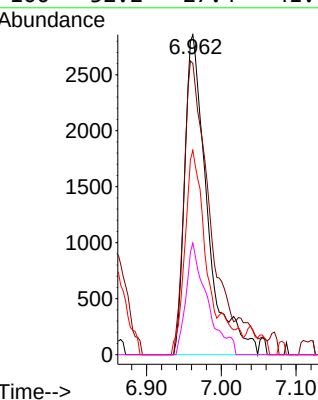
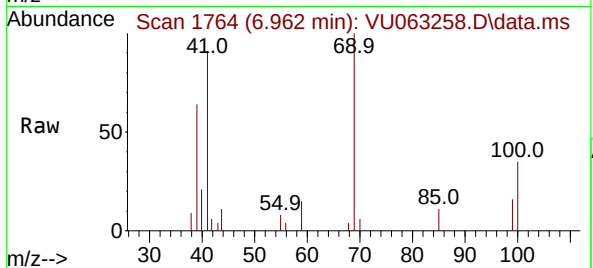
100 32.2 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#48

Ethyl methacrylate

Concen: 0.414 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.010 min

Lab File: VU063258.D

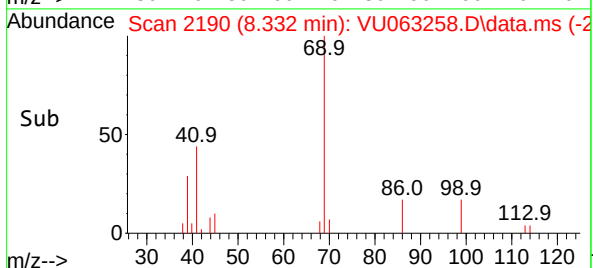
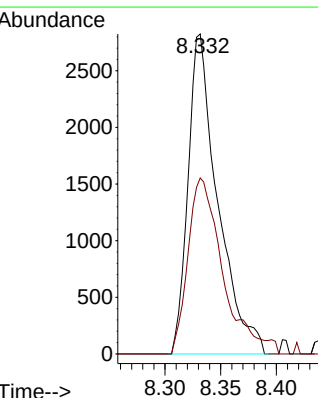
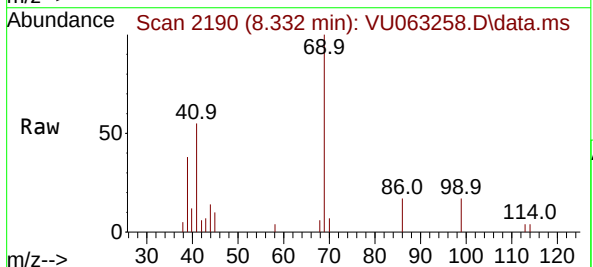
Acq: 12 Feb 2025 16:44

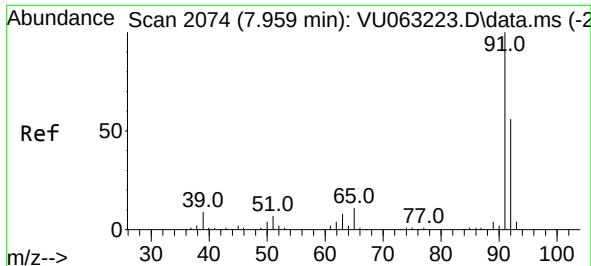
Tgt Ion: 69 Resp: 5233

Ion Ratio Lower Upper

69 100

41 64.6 30.6 92.0





#49

Toluene

Concen: 0.469 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 92 Resp: 1625

Ion Ratio Lower Upper

92 100

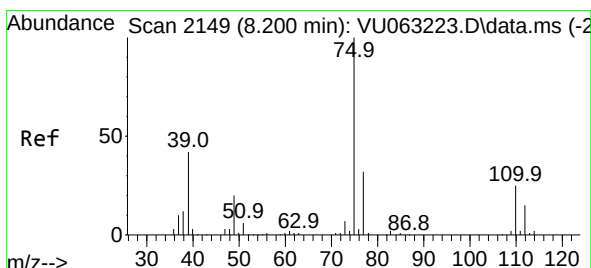
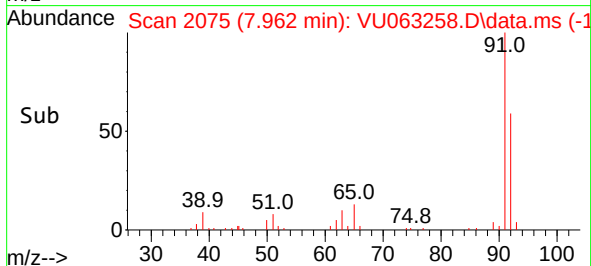
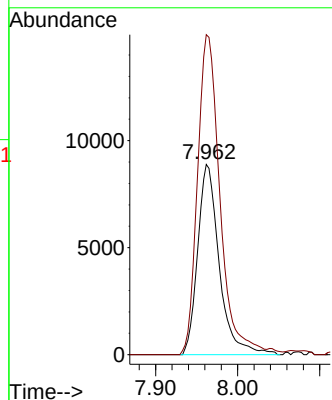
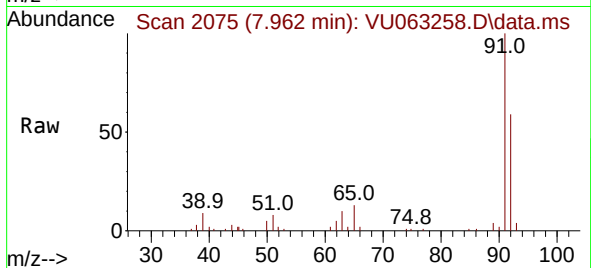
91 174.6 141.8 212.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#50

t-1,3-Dichloropropene

Concen: 0.476 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.006 min

Lab File: VU063258.D

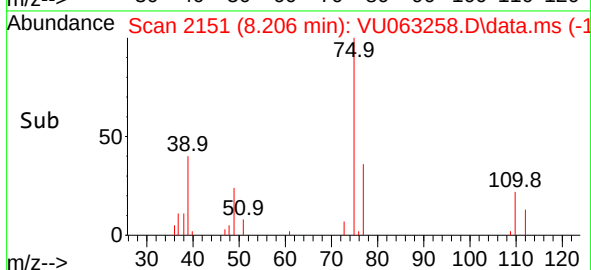
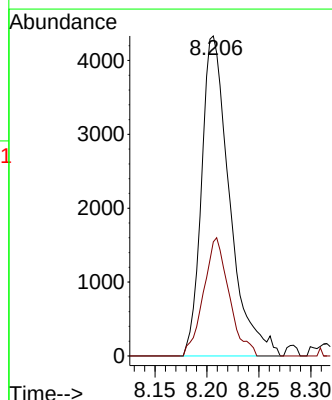
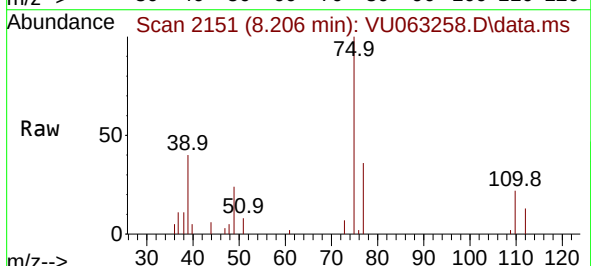
Acq: 12 Feb 2025 16:44

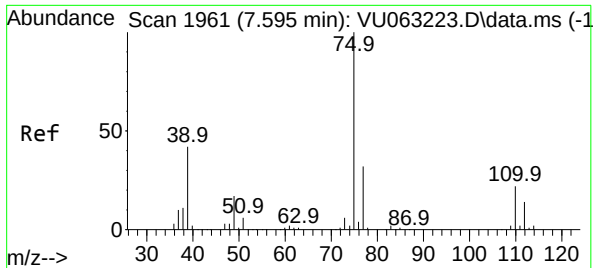
Tgt Ion: 75 Resp: 8104

Ion Ratio Lower Upper

75 100

77 35.7 25.9 38.9





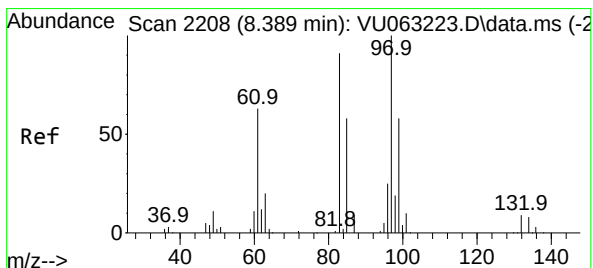
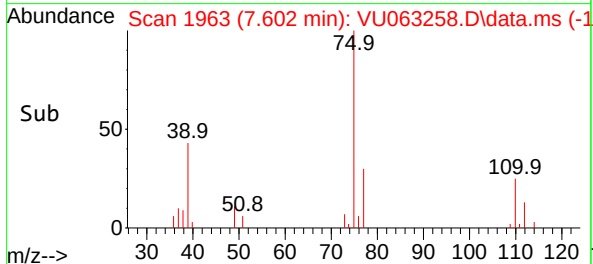
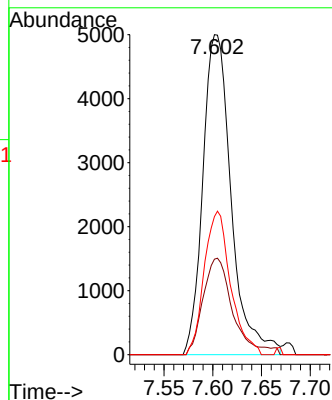
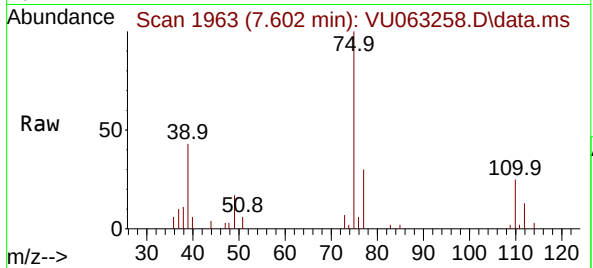
#51
cis-1,3-Dichloropropene
Concen: 0.481 ug/l
RT: 7.602 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

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

Tgt Ion: 75 Resp: 1011
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9
39 43.2 33.5 50.3

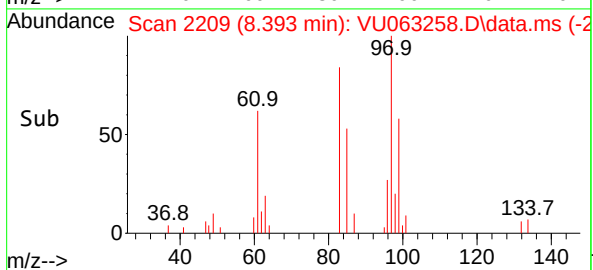
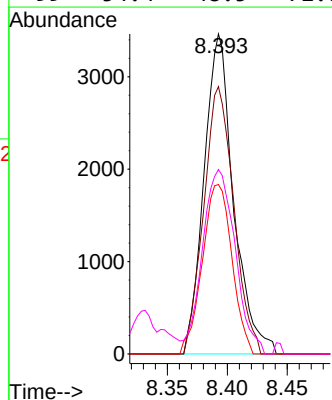
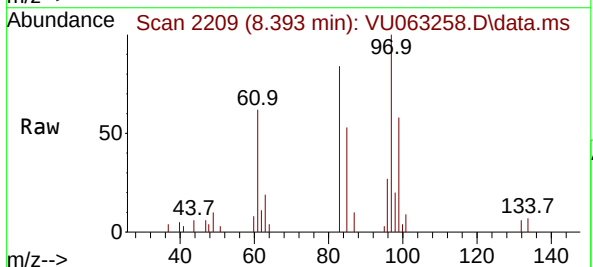
Manual Integrations
APPROVED

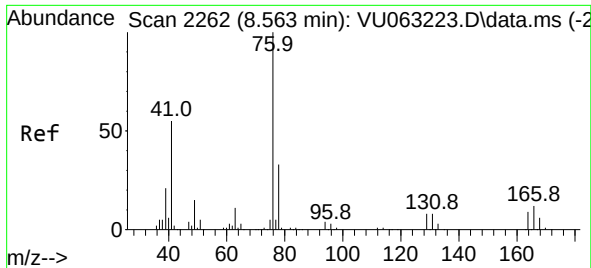
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#52
1,1,2-Trichloroethane
Concen: 0.550 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

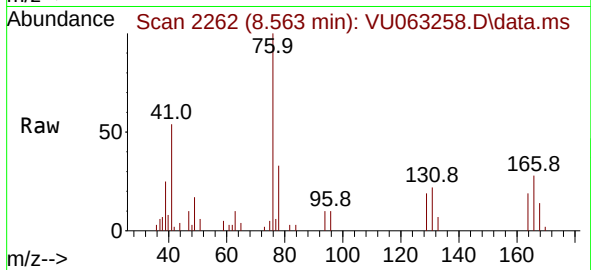
Tgt Ion: 97 Resp: 5925
Ion Ratio Lower Upper
97 100
83 83.5 73.0 109.4
85 53.0 46.3 69.5
99 54.4 48.5 72.7





#53
1,3-Dichloropropane
Concen: 0.515 ug/l
RT: 8.563 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

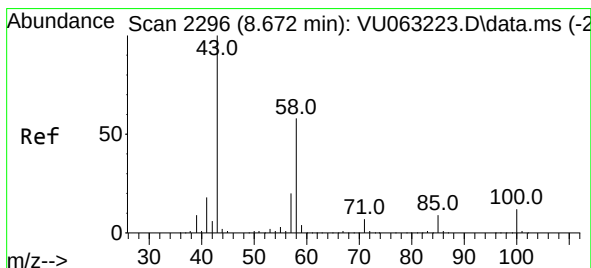
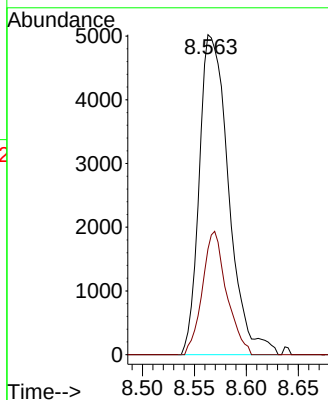
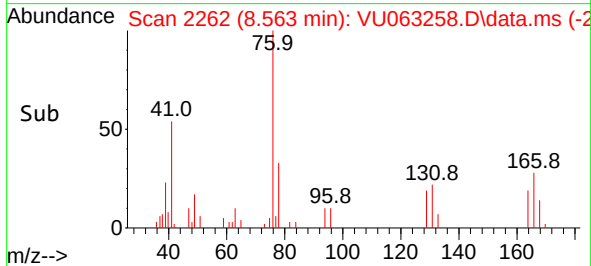
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



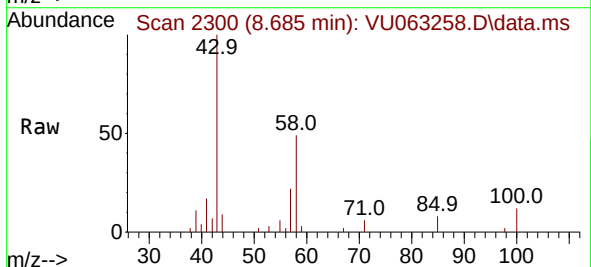
Tgt Ion: 76 Resp: 9839
Ion Ratio Lower Upper
76 100
78 31.9 26.3 39.5

Manual Integrations
APPROVED

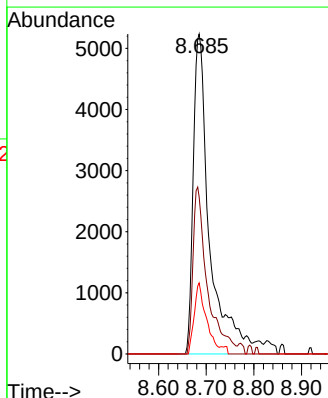
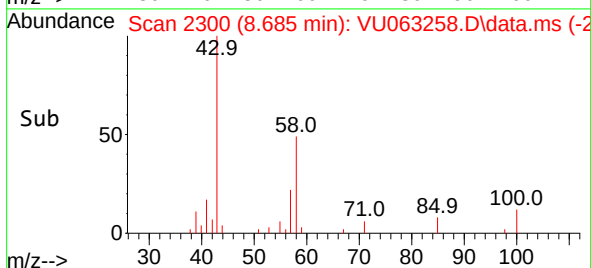
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

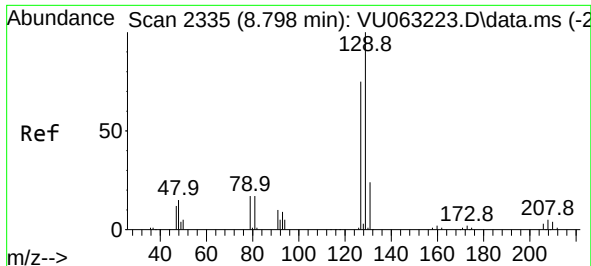


#54
2-Hexanone
Concen: 2.247 ug/l m
RT: 8.685 min Scan# 2300
Delta R.T. 0.013 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44



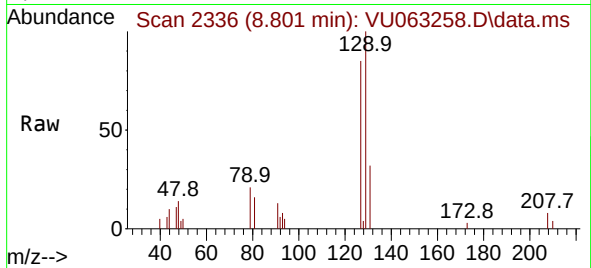
Tgt Ion: 43 Resp: 12841
Ion Ratio Lower Upper
43 100
58 44.5 38.0 78.0
57 15.9 0.0 39.1





#55
Dibromochloromethane
Concen: 0.492 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

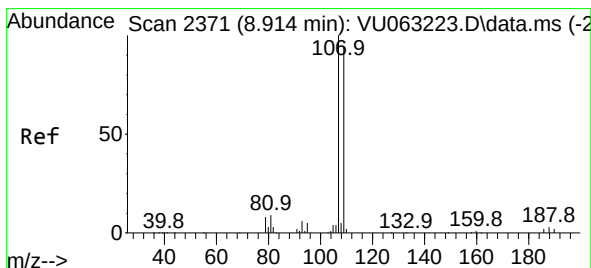
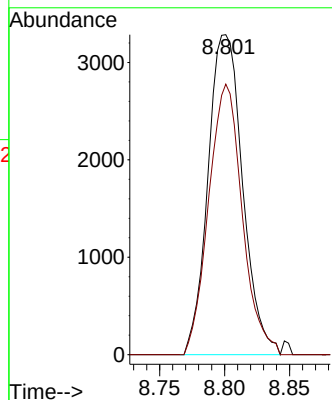
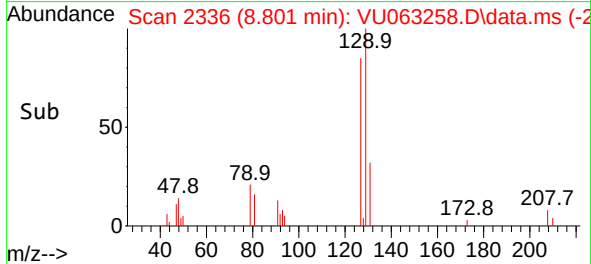
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:129 Resp: 609
Ion Ratio Lower Upper
129 100
127 81.9 60.4 90.6

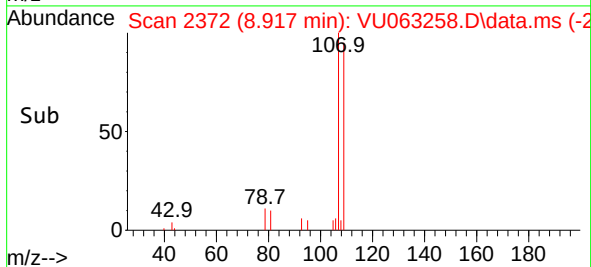
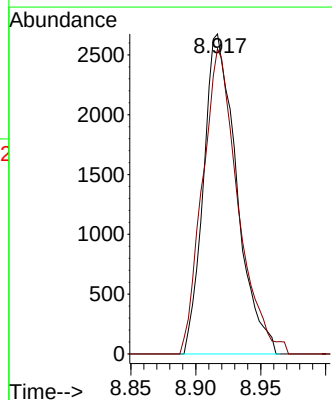
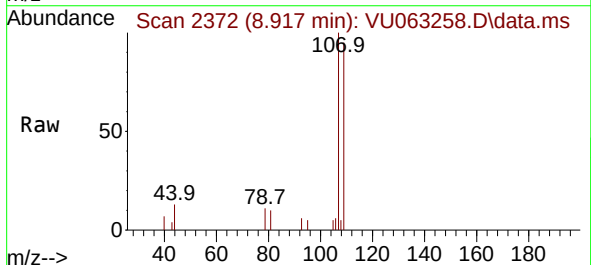
Manual Integrations
APPROVED

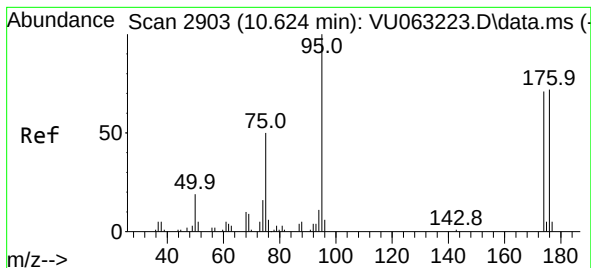
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#56
1,2-Dibromoethane
Concen: 0.469 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

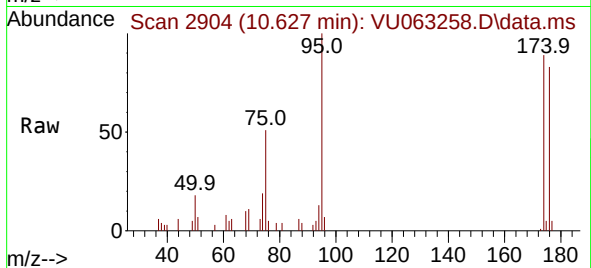
Tgt Ion:107 Resp: 4742
Ion Ratio Lower Upper
107 100
109 102.1 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 0.887 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

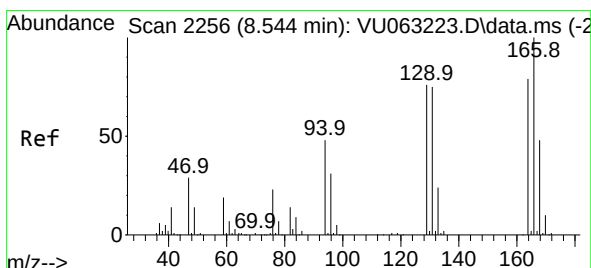
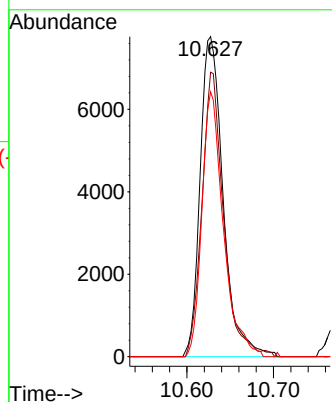
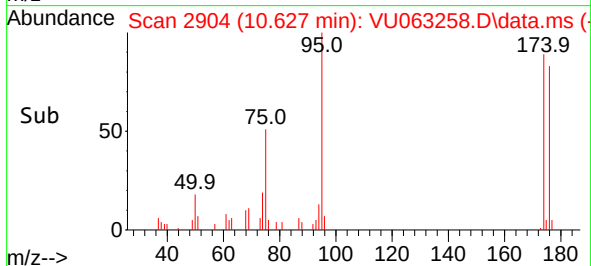
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 95 Resp: 1434
Ion Ratio Lower Upper
95 100
174 83.2 58.6 88.0
176 77.2 58.2 87.4

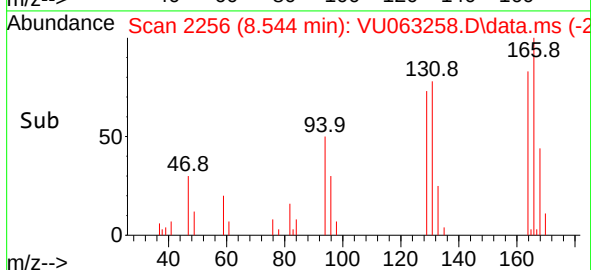
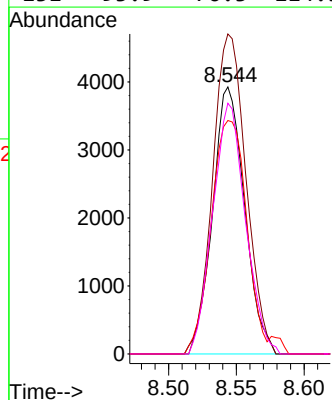
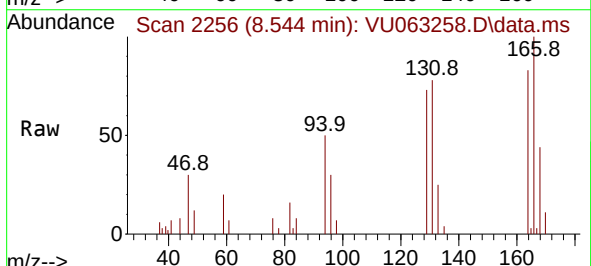
Manual Integrations
APPROVED

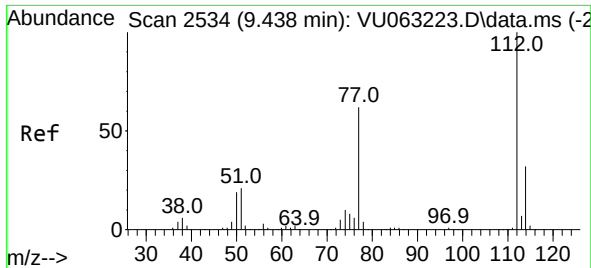
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#58
Tetrachloroethene
Concen: 0.548 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

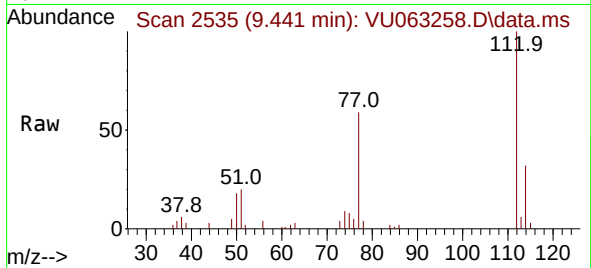
Tgt Ion:164 Resp: 6468
Ion Ratio Lower Upper
164 100
166 119.8 101.4 152.0
129 87.4 77.0 115.4
131 93.9 76.3 114.5





#59
Chlorobenzene
Concen: 0.483 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

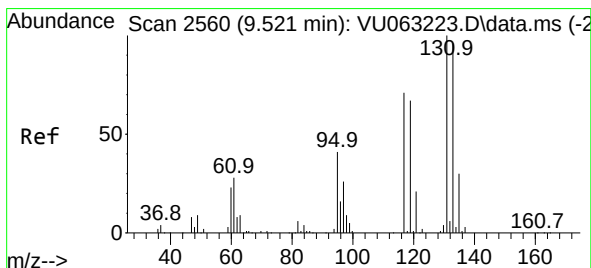
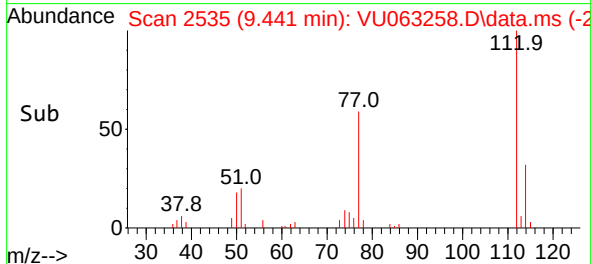
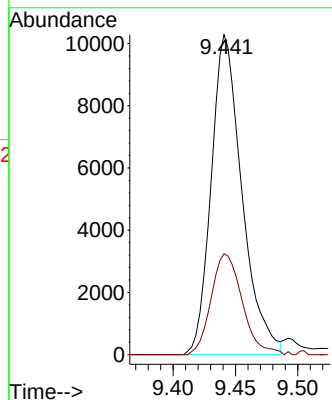
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion:112 Resp: 1768
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

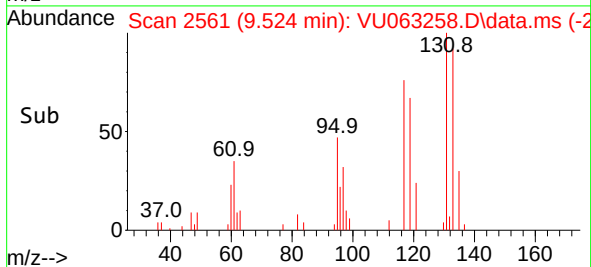
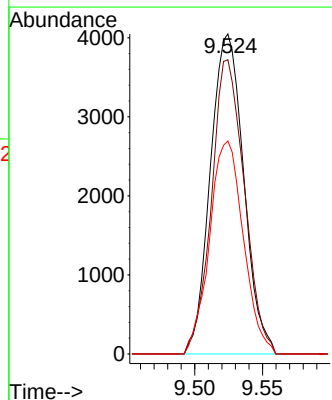
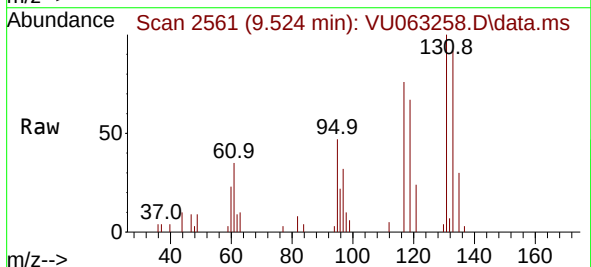
Manual Integrations
APPROVED

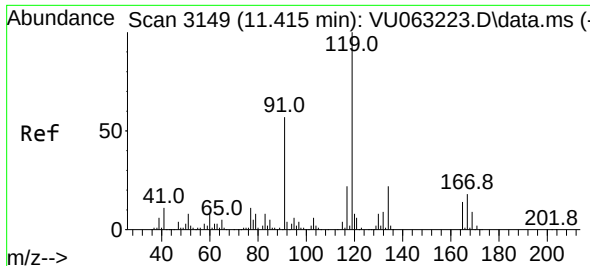
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.527 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

Tgt Ion:131 Resp: 6927
Ion Ratio Lower Upper
131 100
133 90.5 76.7 115.1
119 67.5 54.4 81.6





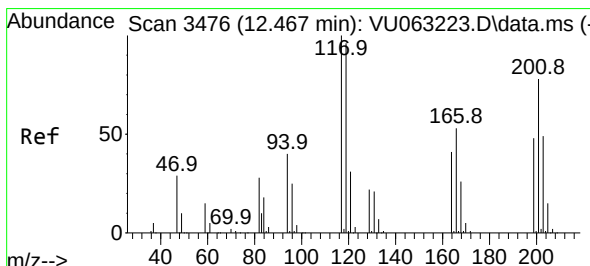
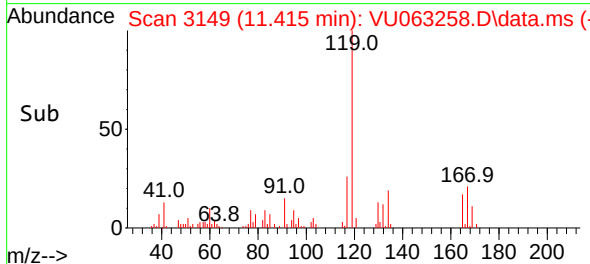
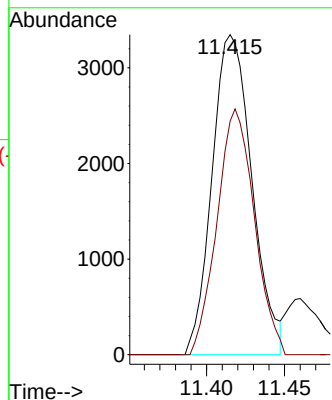
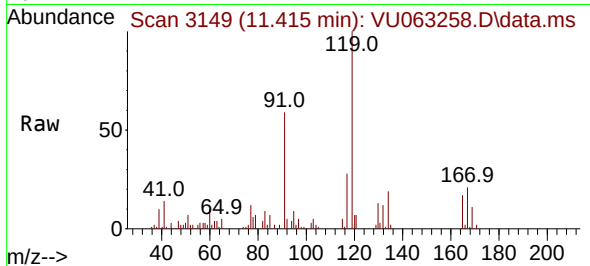
#61
Pentachloroethane
Concen: 0.507 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

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

Tgt Ion:117 Resp: 5960
Ion Ratio Lower Upper
117 100
167 71.9 65.0 97.6

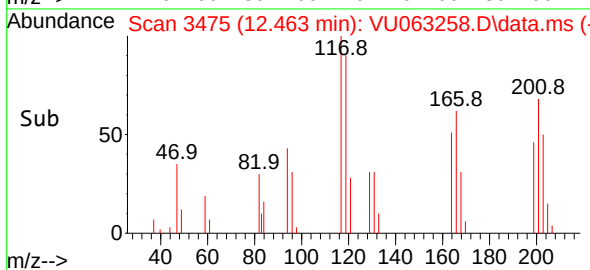
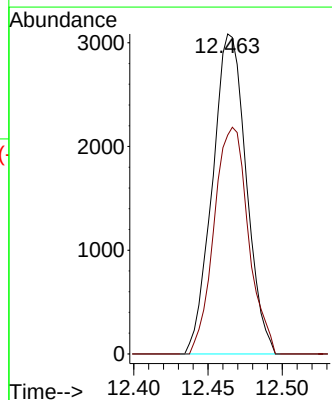
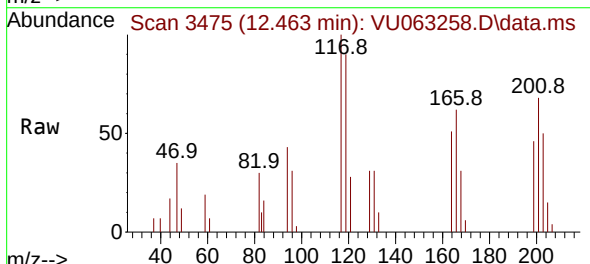
Manual Integrations
APPROVED

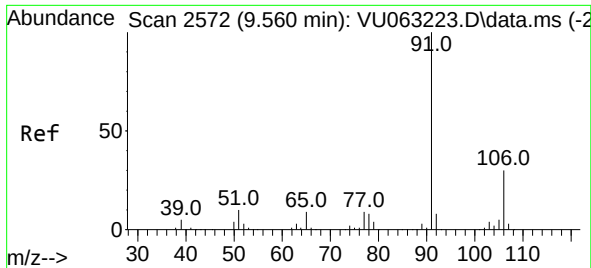
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#62
Hexachloroethane
Concen: 0.469 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

Tgt Ion:117 Resp: 4878
Ion Ratio Lower Upper
117 100
201 72.0 61.3 91.9





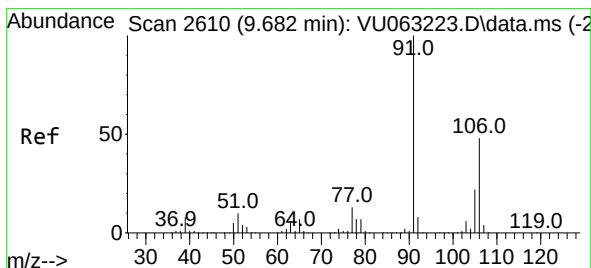
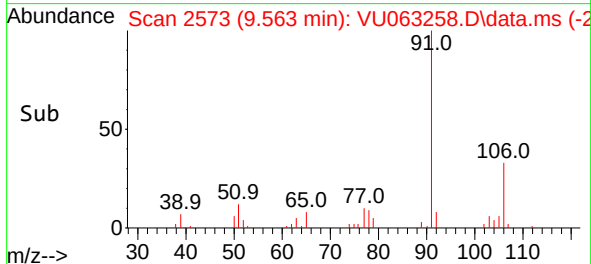
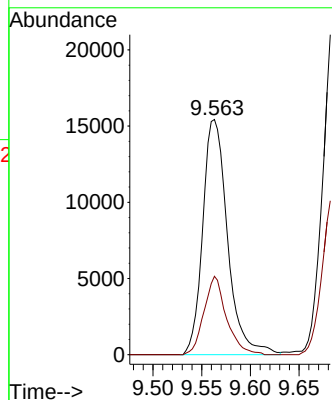
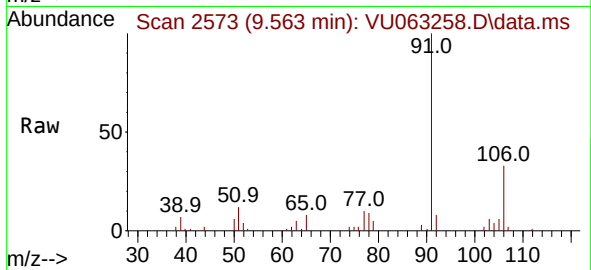
#63
Ethyl Benzene
Concen: 0.434 ug/l
RT: 9.563 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

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

Tgt Ion: 91 Resp: 2736
Ion Ratio Lower Upper
91 100
106 33.3 24.2 36.2

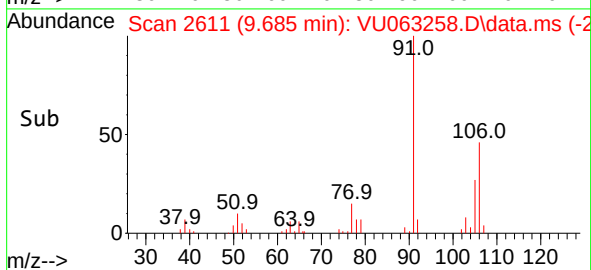
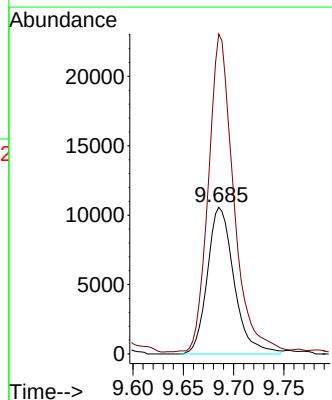
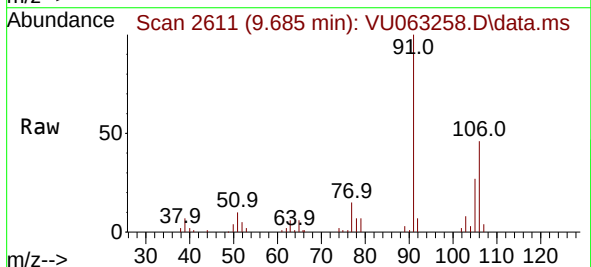
Manual Integrations
APPROVED

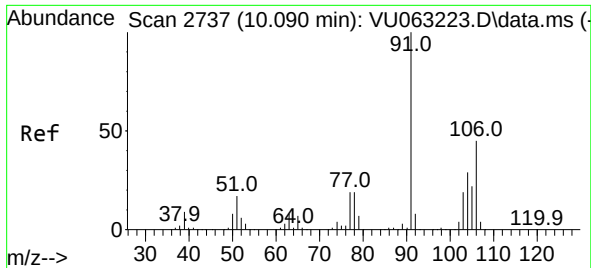
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#64
m/p-Xylenes
Concen: 0.827 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

Tgt Ion:106 Resp: 19488
Ion Ratio Lower Upper
106 100
91 204.3 166.9 250.3





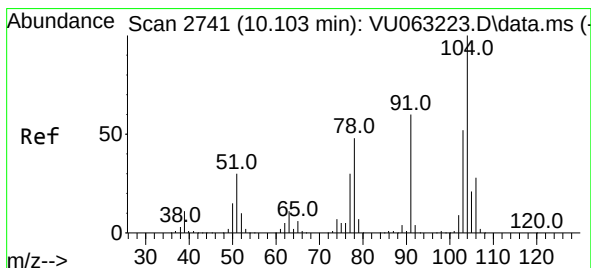
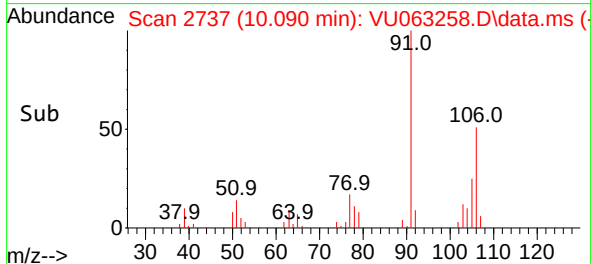
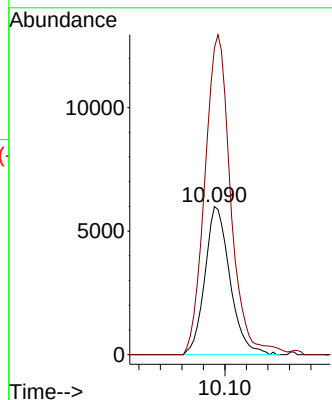
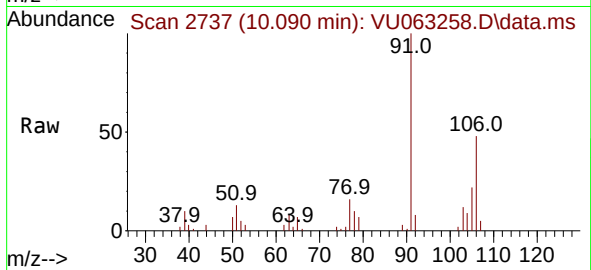
#65
o-Xylene
Concen: 0.420 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

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

Tgt Ion:106 Resp: 969
Ion Ratio Lower Upper
106 100
91 223.0 110.9 332.9

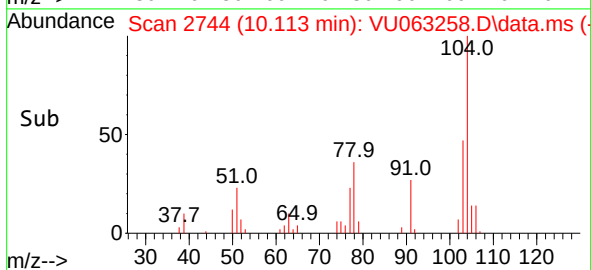
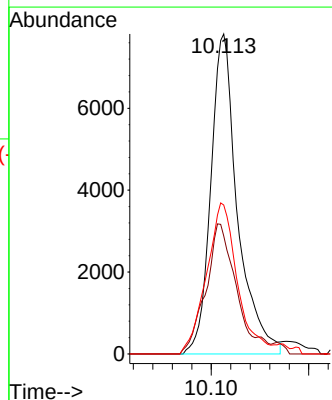
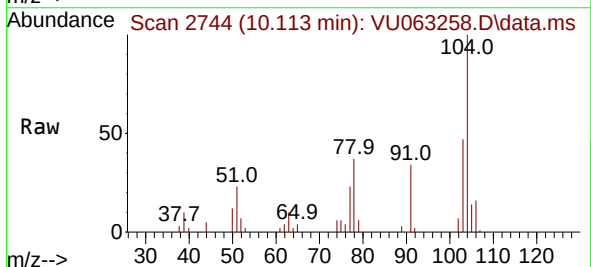
Manual Integrations
APPROVED

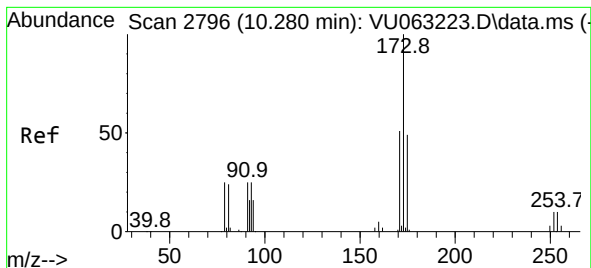
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#66
Styrene
Concen: 0.406 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.010 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

Tgt Ion:104 Resp: 14889
Ion Ratio Lower Upper
104 100
78 46.7 41.2 61.8
103 54.3 44.8 67.2





#67

Bromoform

Concen: 0.477 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

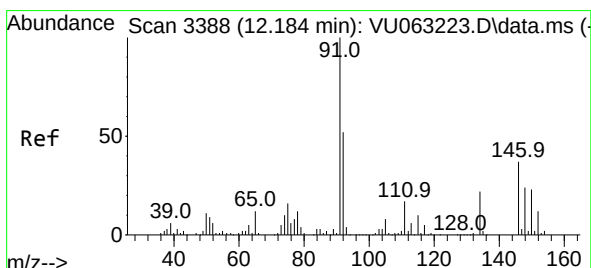
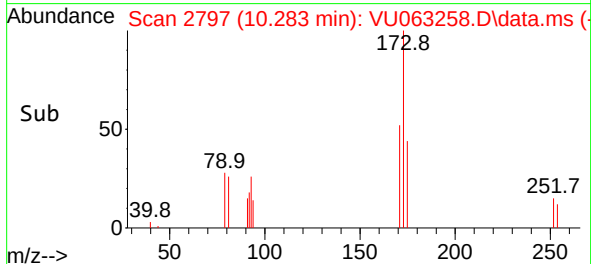
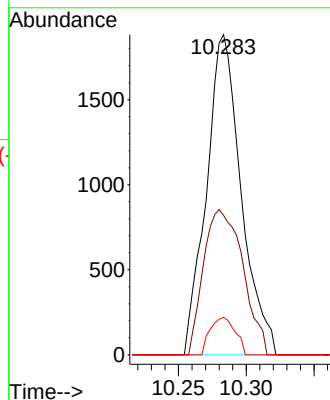
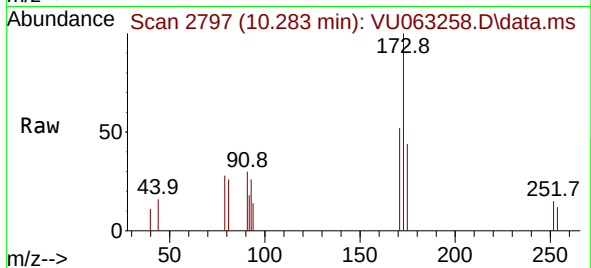
LOQ-WATER-02-QT1-2025

Tgt Ion:173	Resp:	3354
Ion Ratio	Lower	Upper
173	100	
175	51.3	39.0 58.4
254	8.4	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: 0.876 ug/l

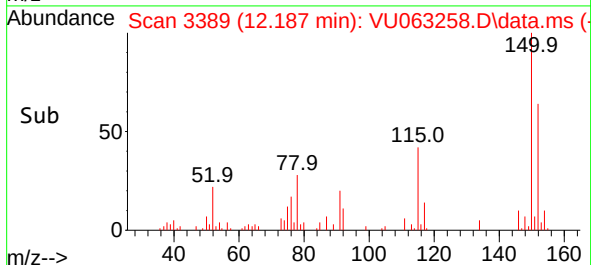
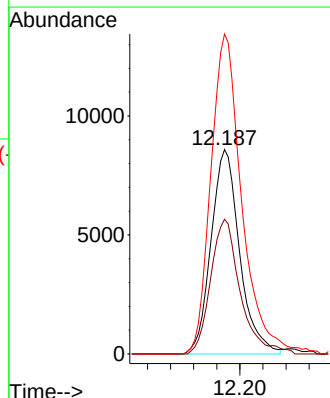
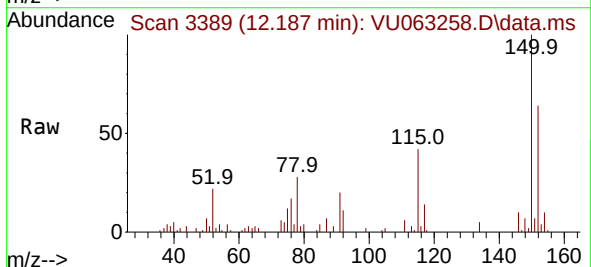
RT: 12.187 min Scan# 3389

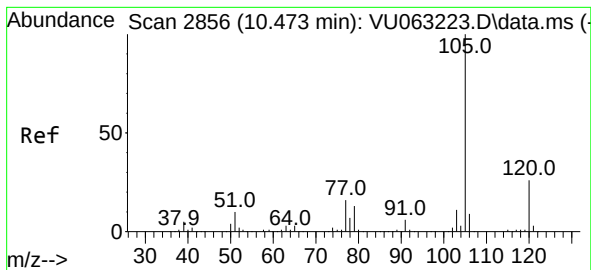
Delta R.T. 0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Tgt Ion:152	Resp:	14745
Ion Ratio	Lower	Upper
152	100	
115	68.2	0.0 275.2
150	170.0	0.0 658.4





#69

Isopropylbenzene

Concen: 0.425 ug/l

RT: 10.473 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

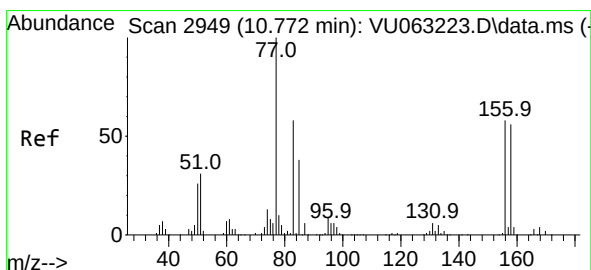
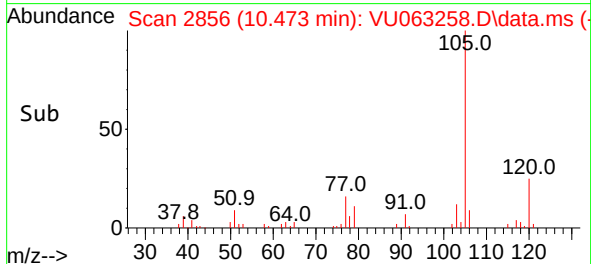
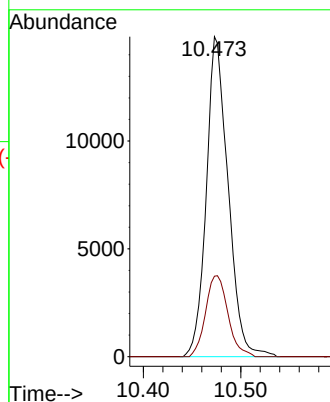
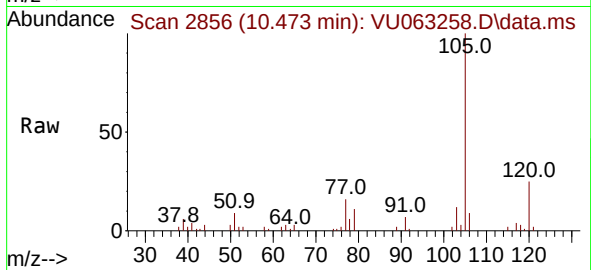
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:105 Resp: 23072
 Ion Ratio Lower Upper
 105 100
 120 26.0 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: 0.478 ug/l

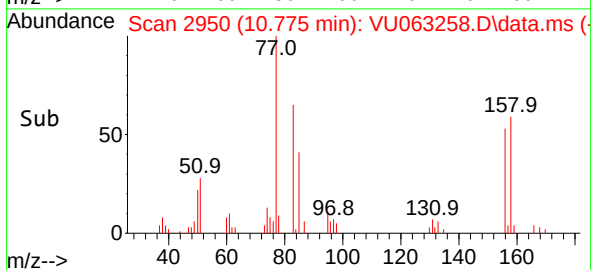
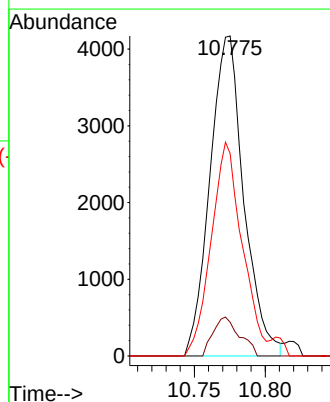
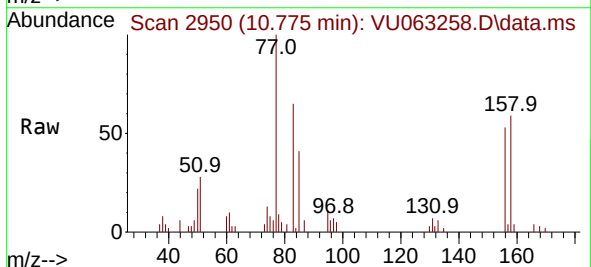
RT: 10.775 min Scan# 2950

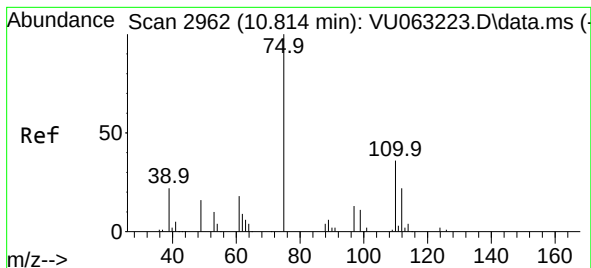
Delta R.T. 0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Tgt Ion: 83 Resp: 6945
 Ion Ratio Lower Upper
 83 100
 131 9.5 7.4 11.0
 85 61.0 51.8 77.8





#71

1,2,3-Trichloropropane

Concen: 0.466 ug/l m

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

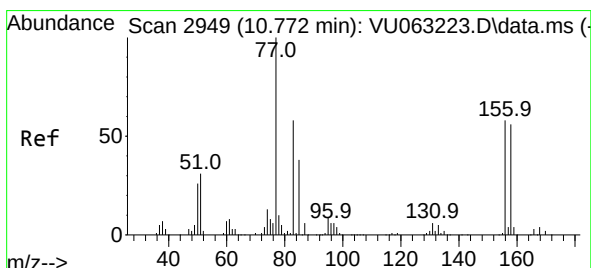
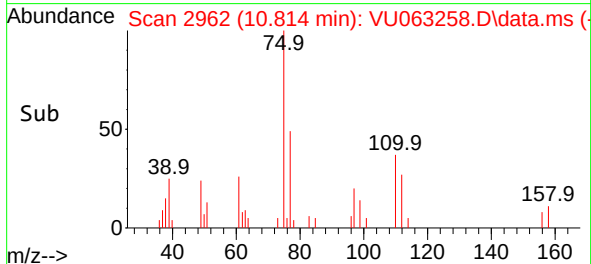
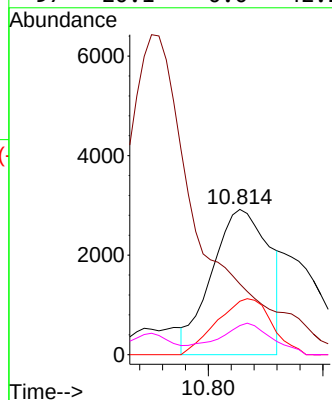
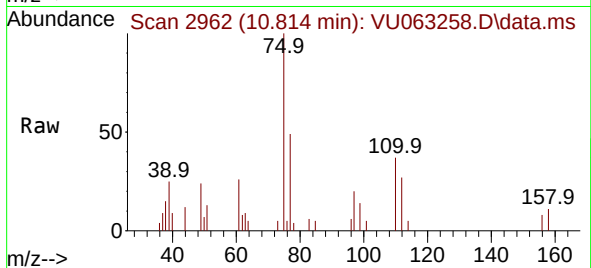
LOQ-WATER-02-QT1-2025

Tgt Ion: 75	Resp: 507
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 37.0	0.0 77.0
97 20.1	0.0 42.2

Manual Integrations

APPROVED

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



#72

Bromobenzene

Concen: 0.438 ug/l

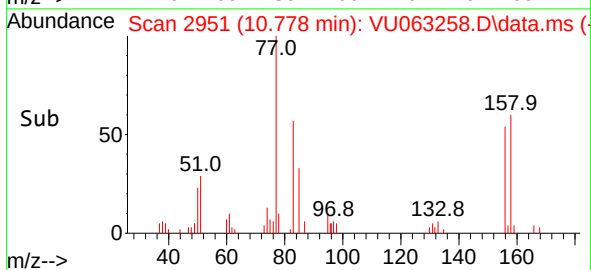
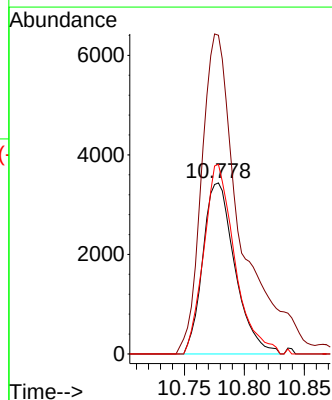
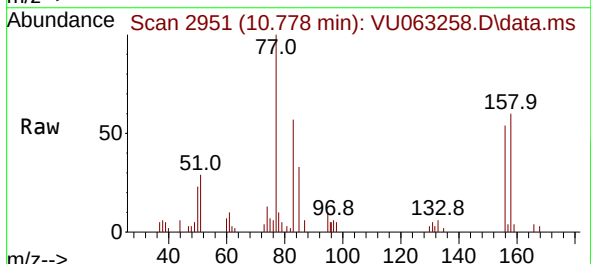
RT: 10.778 min Scan# 2951

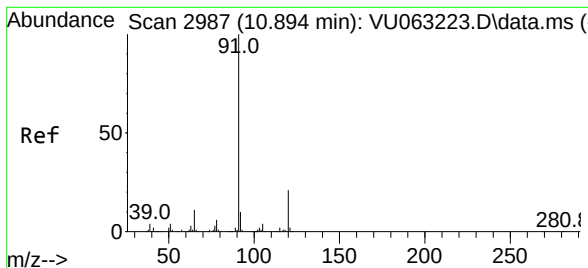
Delta R.T. 0.006 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Tgt Ion:156	Resp: 6396
Ion Ratio	Lower Upper
156 100	
77 228.2	0.0 343.6
158 107.0	0.0 193.0





#73

n-propylbenzene

Concen: 0.425 ug/l

RT: 10.897 min Scan# 2987

Delta R.T. 0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:120 Resp: 6602

Ion Ratio Lower Upper

120 100

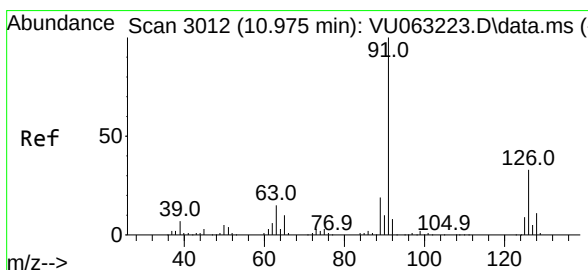
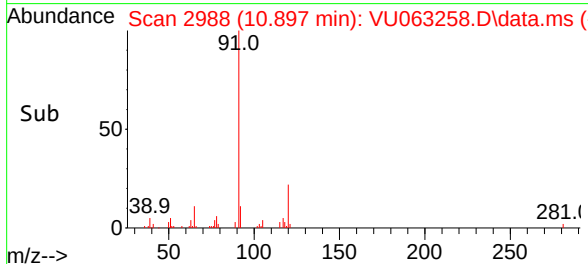
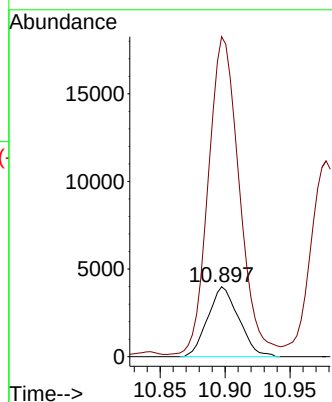
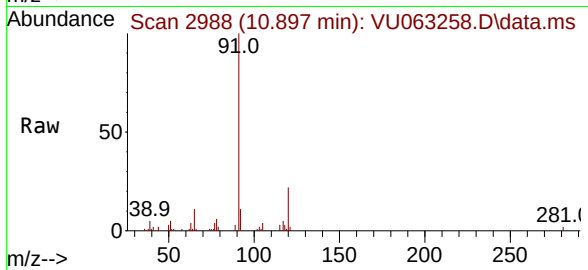
91 454.4 369.8 554.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#74

2-Chlorotoluene

Concen: 0.449 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.003 min

Lab File: VU063258.D

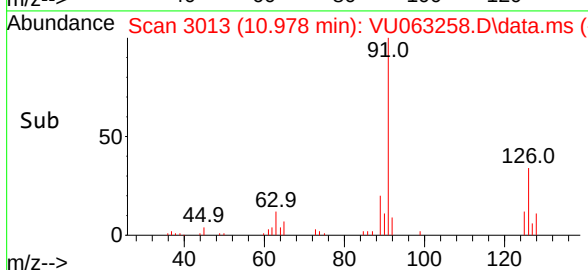
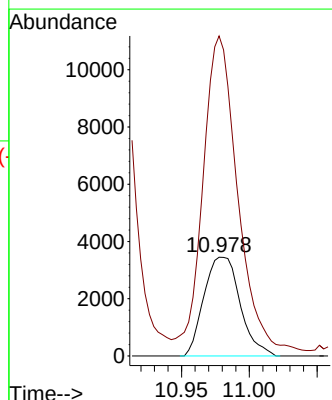
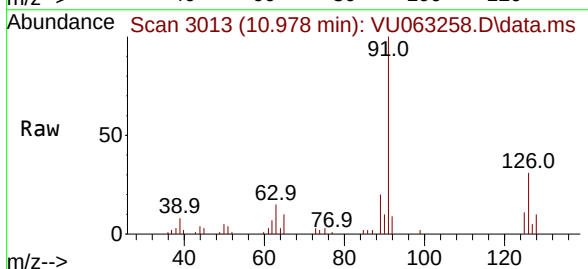
Acq: 12 Feb 2025 16:44

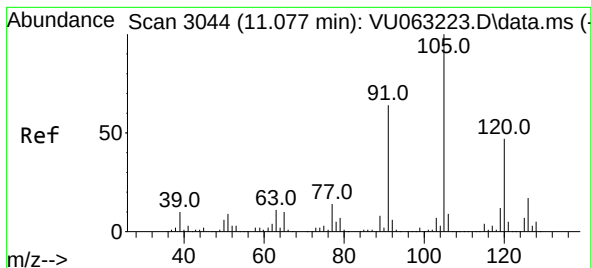
Tgt Ion:126 Resp: 6421

Ion Ratio Lower Upper

126 100

91 309.9 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 0.398 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:105 Resp: 2000

Ion Ratio Lower Upper

105 100

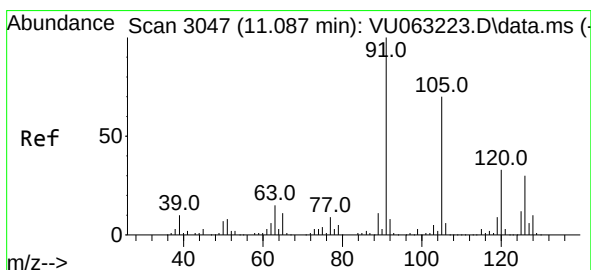
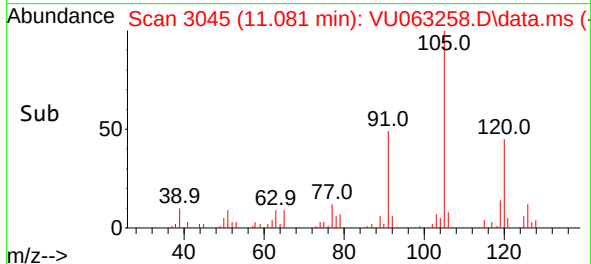
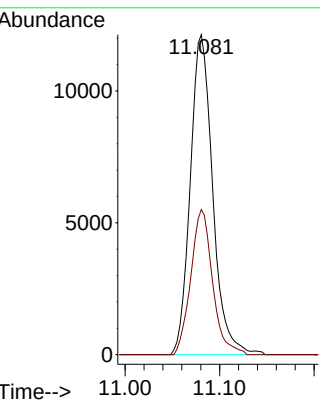
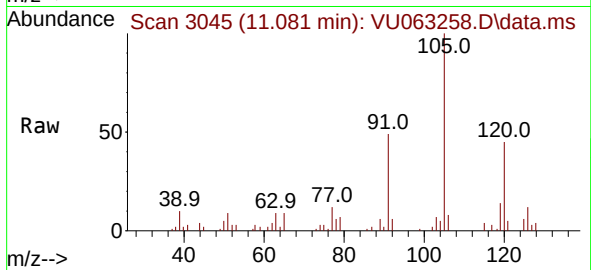
120 44.0 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#76

4-Chlorotoluene

Concen: 0.398 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VU063258.D

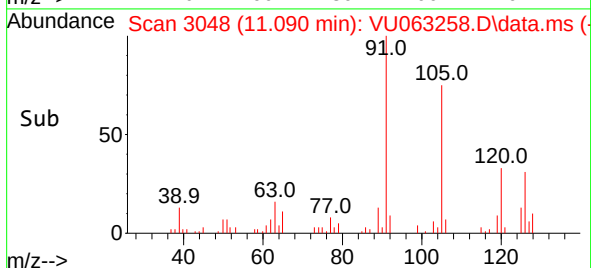
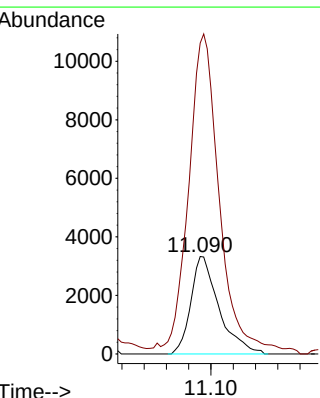
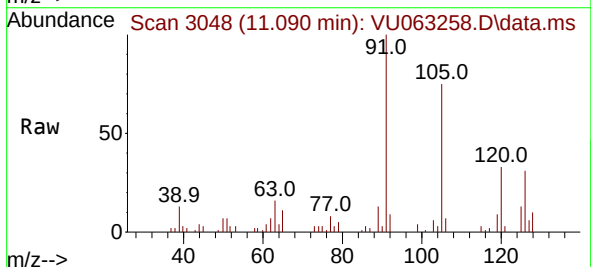
Acq: 12 Feb 2025 16:44

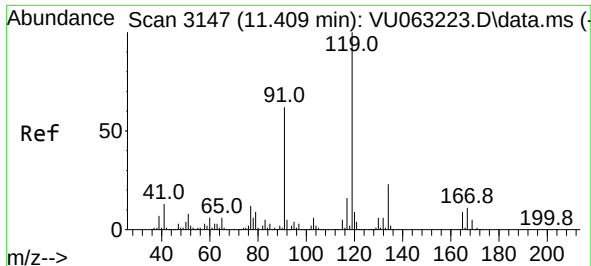
Tgt Ion:126 Resp: 5838

Ion Ratio Lower Upper

126 100

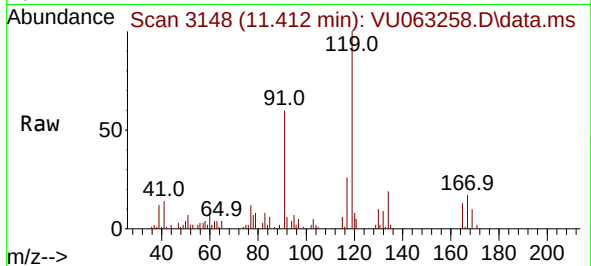
91 364.3 0.0 703.6





#77
tert-Butylbenzene
Concen: 0.430 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

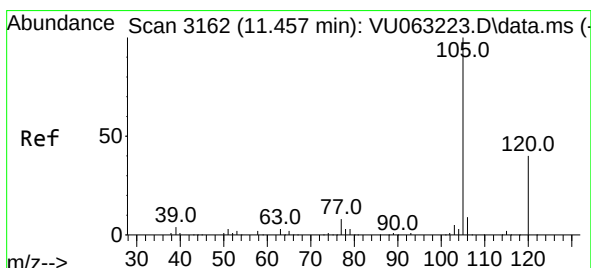
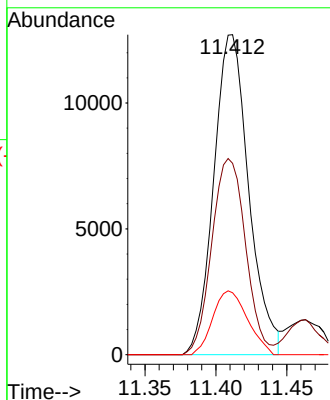
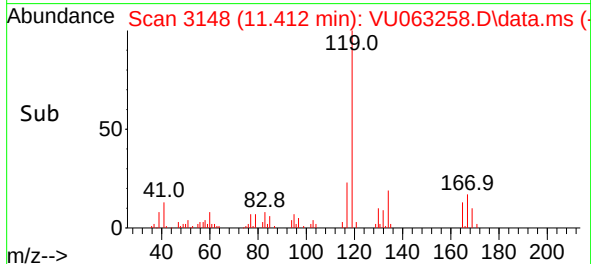
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:119 Resp: 2186
Ion Ratio Lower Upper
119 100
91 59.3 29.4 88.3
134 19.8 17.6 26.4

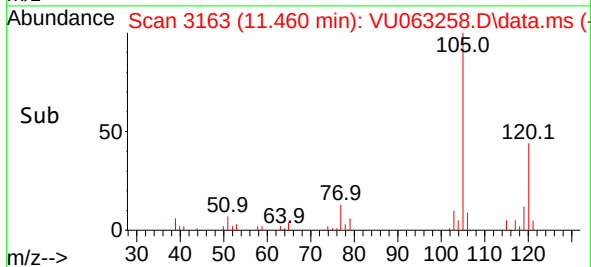
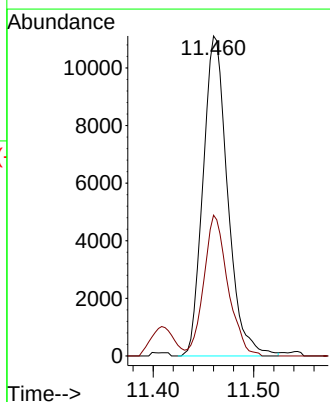
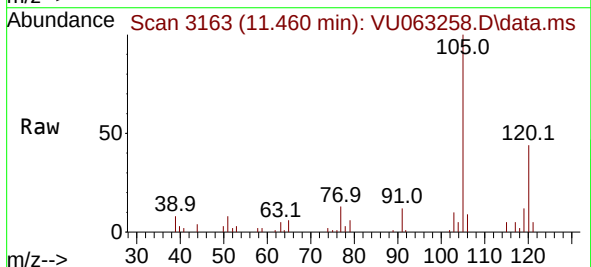
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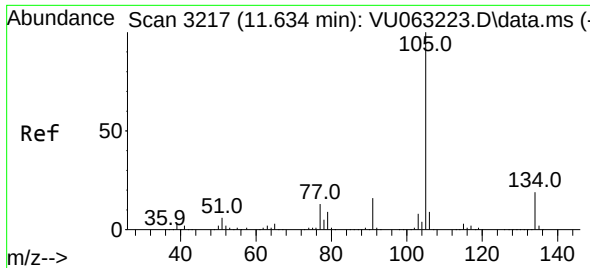
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#78
1,2,4-Trimethylbenzene
Concen: 0.379 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

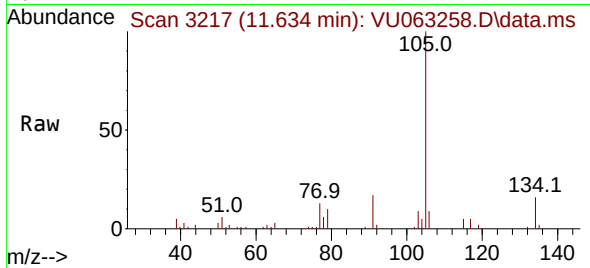
Tgt Ion:105 Resp: 18892
Ion Ratio Lower Upper
105 100
120 43.0 21.9 65.7





#79
 sec-Butylbenzene
 Concen: 0.408 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063258.D
 Acq: 12 Feb 2025 16:44

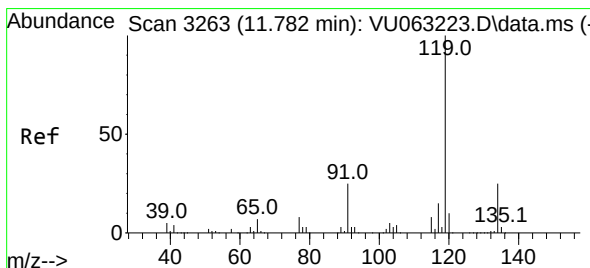
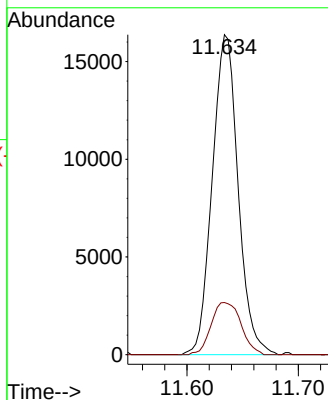
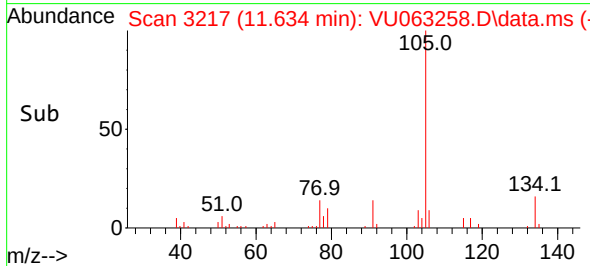
Instrument : MSVOA_U
 ClientSampleId :
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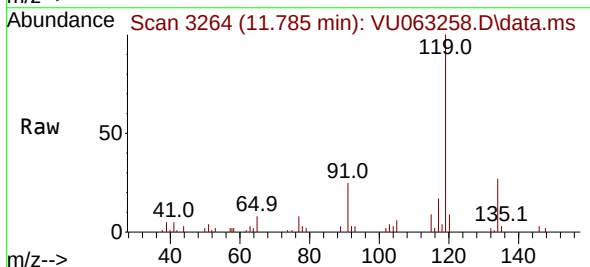
Tgt Ion:105 Resp: 2640
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.1 22.7

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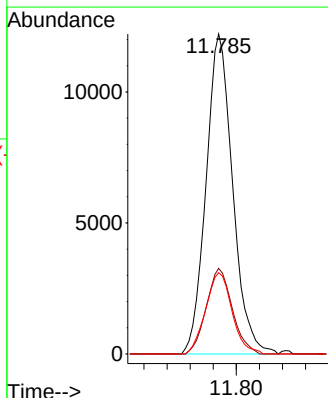
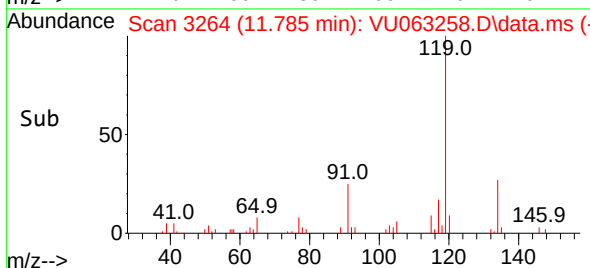
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

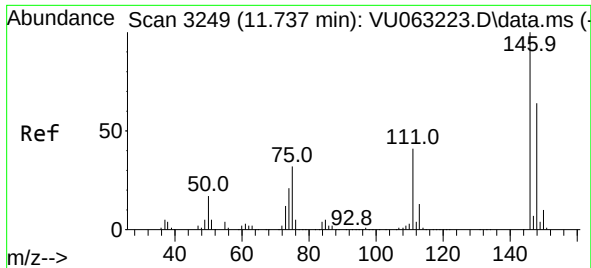


#81
 p-Isopropyltoluene
 Concen: 0.382 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. 0.003 min
 Lab File: VU063258.D
 Acq: 12 Feb 2025 16:44



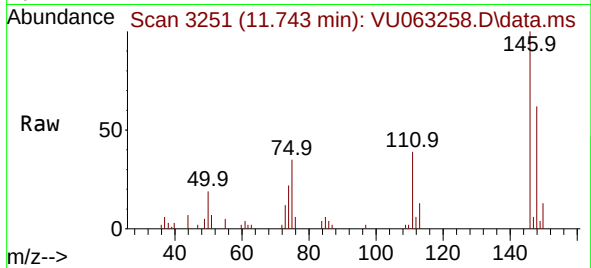
Tgt Ion:119 Resp: 19497
 Ion Ratio Lower Upper
 119 100
 134 26.1 20.3 30.5
 91 25.1 19.4 29.2





#82
1,3-Dichlorobenzene
Concen: 0.474 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

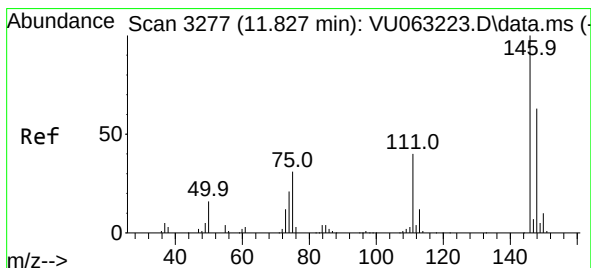
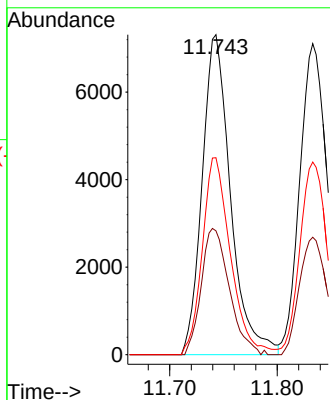
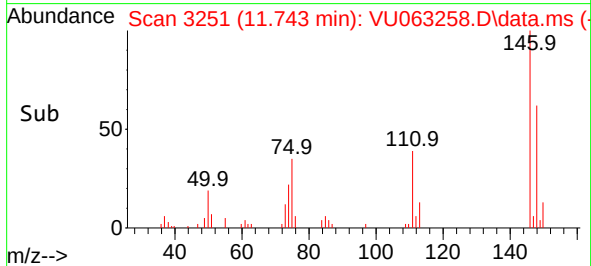
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



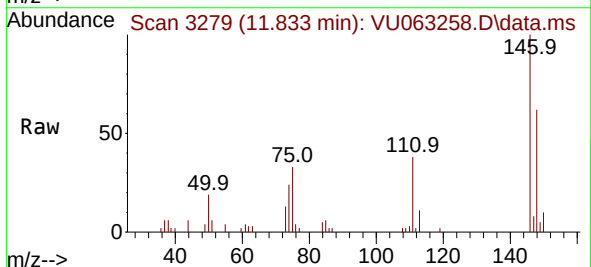
Tgt Ion:146 Resp: 1344
Ion Ratio Lower Upper
146 100
111 39.1 32.8 49.2
148 61.1 51.1 76.7

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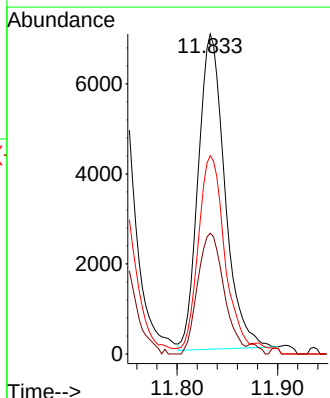
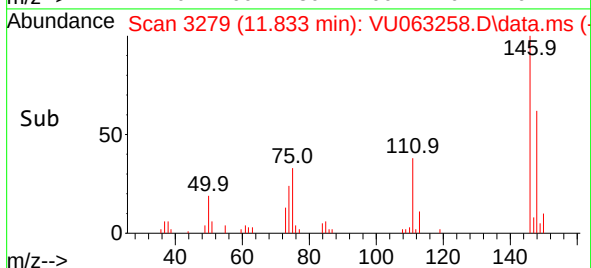
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

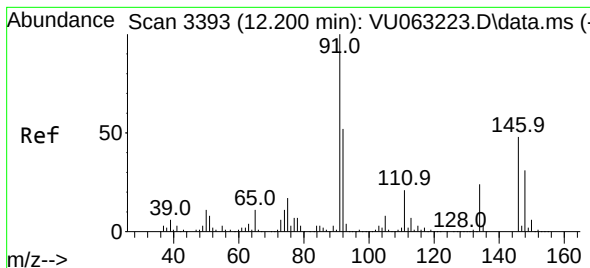


#83
1,4-Dichlorobenzene
Concen: 0.464 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44



Tgt Ion:146 Resp: 12863
Ion Ratio Lower Upper
146 100
111 38.0 32.1 48.1
148 59.1 50.2 75.4





#84

n-Butylbenzene

Concen: 0.391 ug/l

RT: 12.203 min Scan# 3393

Delta R.T. 0.003 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

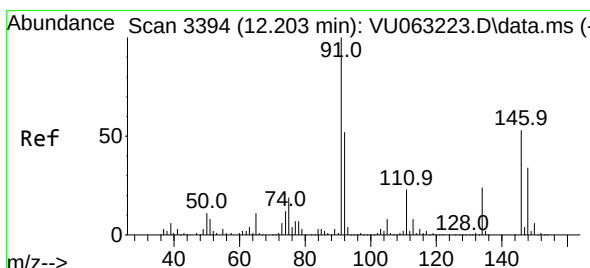
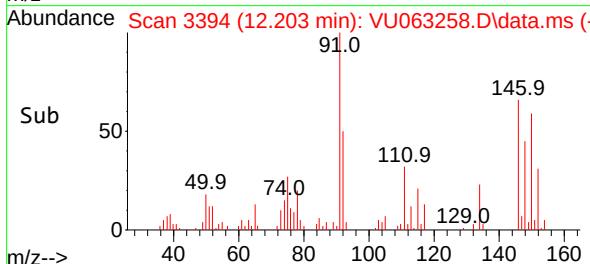
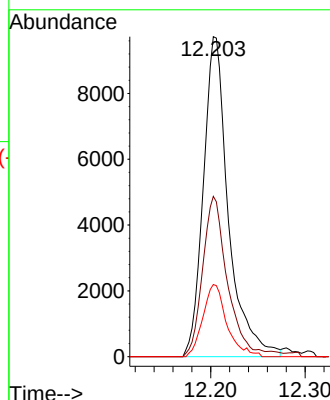
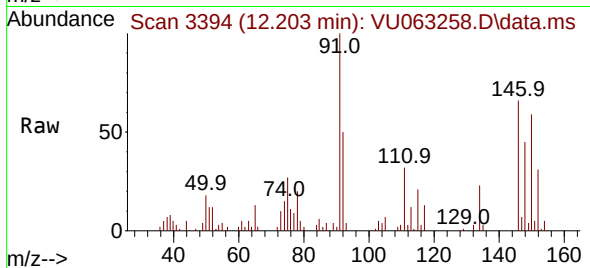
Tgt Ion: 91 Resp: 17889

Ion	Ratio	Lower	Upper
91	100		
92	49.4	41.8	62.8
134	21.5	18.6	28.0

Manual Integrations

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



#85

1,2-Dichlorobenzene

Concen: 0.456 ug/l

RT: 12.206 min Scan# 3395

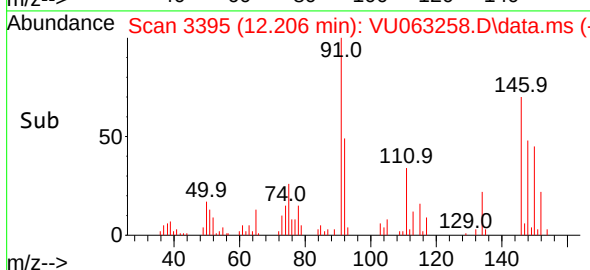
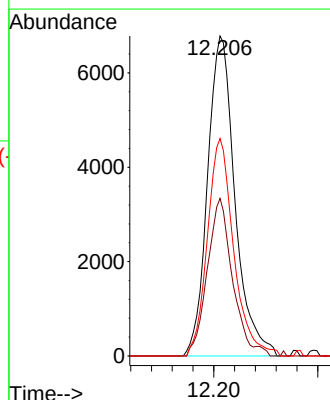
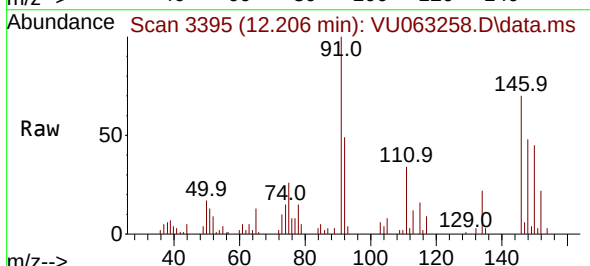
Delta R.T. 0.003 min

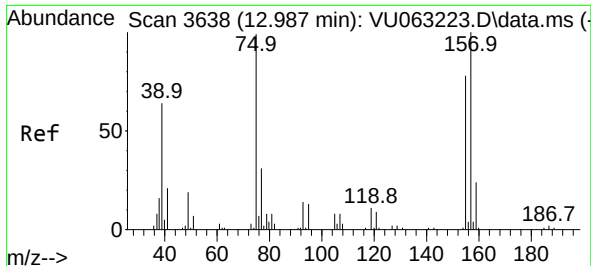
Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Tgt Ion:146 Resp: 12433

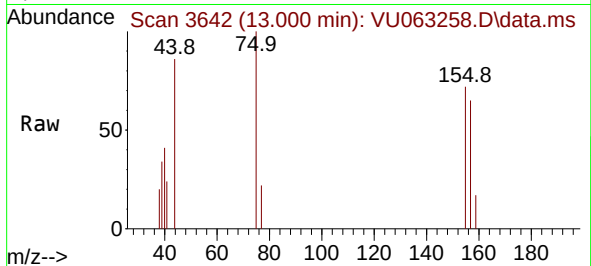
Ion	Ratio	Lower	Upper
146	100		
111	45.4	21.9	65.7
148	65.2	32.3	96.9





#86
1,2-Dibromo-3-Chloropropane
Concen: 0.534 ug/l
RT: 13.000 min Scan# 30
Delta R.T. 0.013 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44

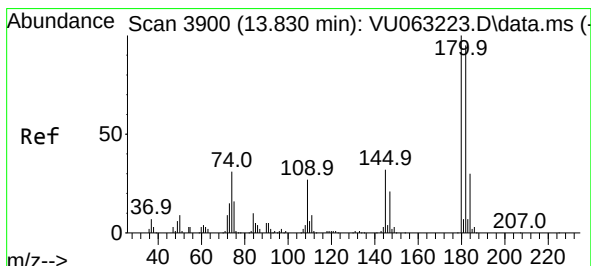
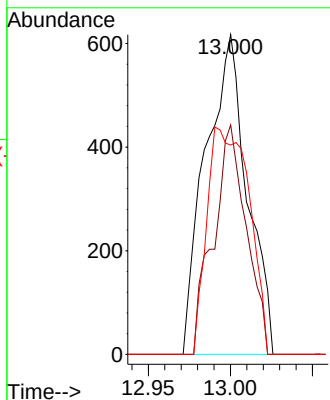
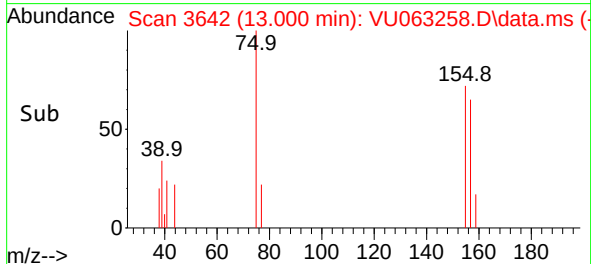
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



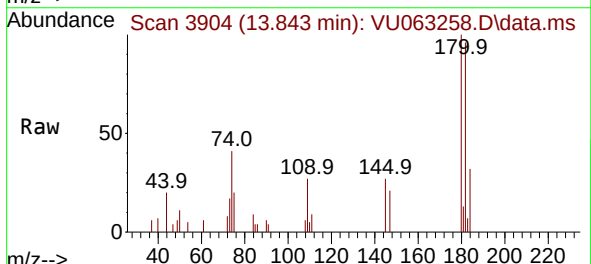
Tgt Ion: 75 Resp: 1088
Ion Ratio Lower Upper
75 100
155 57.0 63.5 95.3
157 72.0 81.8 122.6

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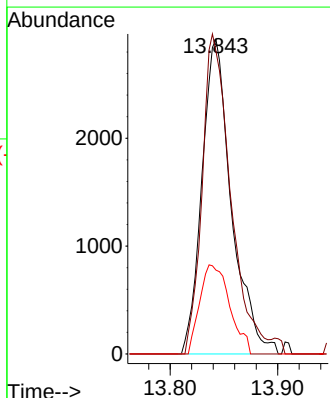
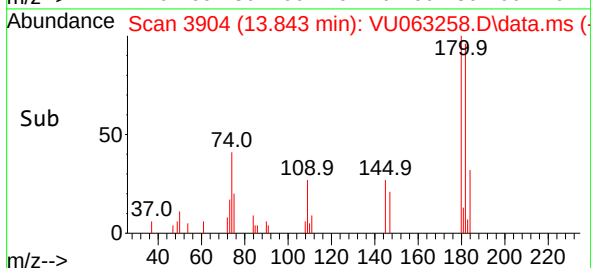
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

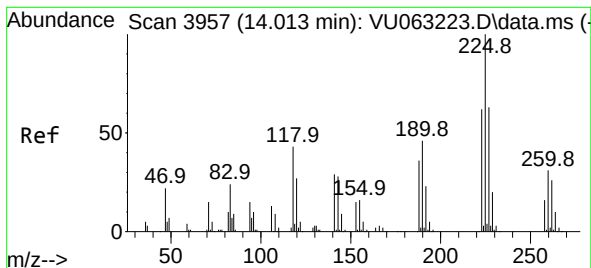


#87
1,2,4-Trichlorobenzene
Concen: 0.418 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.013 min
Lab File: VU063258.D
Acq: 12 Feb 2025 16:44



Tgt Ion:180 Resp: 5559
Ion Ratio Lower Upper
180 100
182 97.8 76.6 115.0
145 28.7 25.4 38.2





#88

Hexachlorobutadiene

Concen: 0.503 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

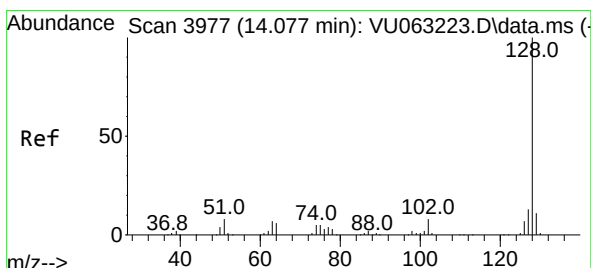
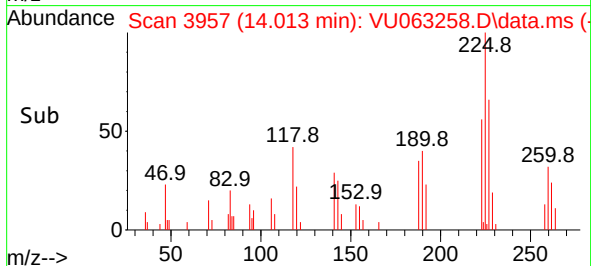
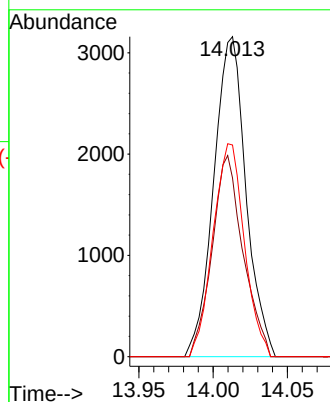
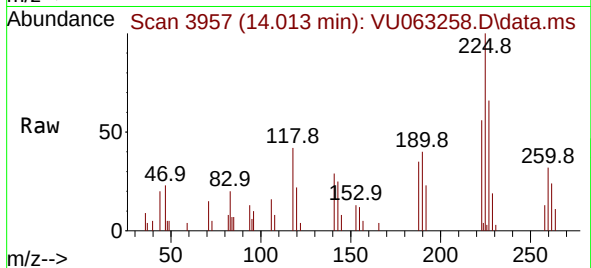
LOQ-WATER-02-QT1-2025

Tgt Ion:	225	Resp:	477
Ion Ratio	Lower	Upper	
225	100		
223	60.4	49.5	74.3
227	64.7	51.0	76.4

Manual Integrations

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



#89

Naphthalene

Concen: 0.394 ug/l m

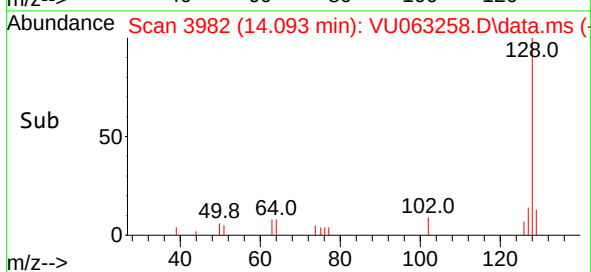
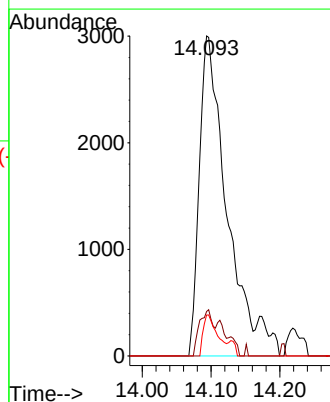
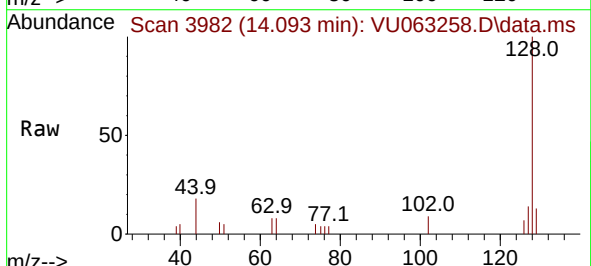
RT: 14.093 min Scan# 3982

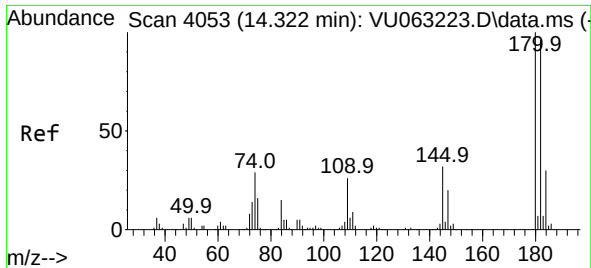
Delta R.T. 0.016 min

Lab File: VU063258.D

Acq: 12 Feb 2025 16:44

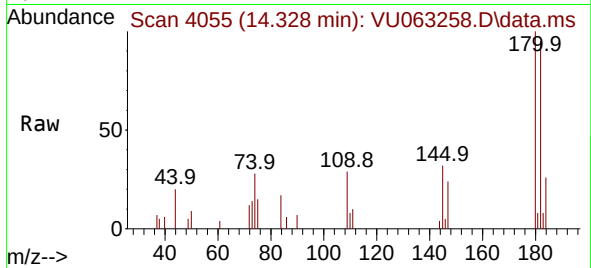
Tgt Ion:	128	Resp:	8431
Ion Ratio	Lower	Upper	
128	100		
127	7.2	10.6	16.0#
129	6.5	8.6	13.0#





#90
 1,2,3-Trichlorobenzene
 Concen: 0.441 ug/l
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU063258.D
 Acq: 12 Feb 2025 16:44

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



Tgt Ion:180 Resp: 5728
 Ion Ratio Lower Upper
 180 100
 182 92.7 78.2 117.2
 145 29.2 26.1 39.1

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

