

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
 Data File : VU063454.D
 Acq On : 25 Jun 2025 12:31
 Operator : MD/SY
 Sample : Q2126-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Jun 26 01:54:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 26 01:53:14 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

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

Internal Standards						
1) Fluorobenzene	6.100	96	47758	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	15500	0.884	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	16620	0.944	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	19314	1.053	ug/l	98
3) Chloromethane	1.518	50	19974	0.827	ug/l	100
4) Vinyl Chloride	1.599	62	16608	0.803	ug/l	98
5) Bromomethane	1.846	94	11178	1.128	ug/l	98
6) Chloroethane	1.923	64	8987	0.733	ug/l	100
7) Trichlorofluoromethane	2.129	101	21458	0.909	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	10747	0.855	ug/l	91
9) 1,1-Dichloroethene	2.567	96	10631	0.848	ug/l	87
10) Iodomethane	2.708	142	7988	0.789	ug/l	98
11) Allyl Chloride	2.907	41	13325	0.597	ug/l	93
12) Acrylonitrile	3.306	53	4541	1.253	ug/l	96
13) Acetone	2.621	43	9826	2.704	ug/l	95
14) Carbon Disulfide	2.776	76	32197	0.736	ug/l	97
15) Methylene Chloride	3.030	84	14613	0.919	ug/l	# 82
16) trans-1,2-Dichloroethene	3.335	96	11608	0.823	ug/l	87
17) 1,1-Dichloroethane	3.849	63	21389	0.722	ug/l	# 93
18) 2-Butanone	4.721	43	20640	4.082	ug/l	97
19) Cyclohexane	5.357	56	23664	1.056	ug/l	99
20) Methylcyclohexane	6.743	83	19329	0.929	ug/l	96
21) 2,2-Dichloropropane	4.640	77	20870	0.991	ug/l	96
22) cis-1,2-Dichloroethene	4.647	96	16115	1.046	ug/l	90
23) Diethyl Ether	2.370	59	8069	0.713	ug/l	87
24) tert-Butyl Alcohol	3.203	59	8866	7.438	ug/l	# 88
25) Methyl tert-Butyl Ether	3.361	73	26065	0.764	ug/l	97
26) Bromochloromethane	4.955	128	6126	1.022	ug/l	91
27) Chloroform	5.071	83	28025	1.009	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	23425	1.040	ug/l	98
29) 1,1-Dichloropropene	5.502	75	22079	1.073	ug/l	97
30) Carbon Tetrachloride	5.499	117	19062	1.060	ug/l	99
31) Isopropyl Ether	3.997	45	30438	0.658	ug/l	94
32) Ethyl-t-butyl ether	4.505	59	39282m	1.001	ug/l	
33) Tert-Amyl methyl ether	5.946	73	27846m	0.992	ug/l	
34) Propionitrile	4.785	54	7445	5.090	ug/l	# 65
35) Benzene	5.759	78	63375	1.018	ug/l	99
36) 1,2-Dichloroethane	5.785	62	18142	0.997	ug/l	98
37) Trichloroethene	6.534	130	15095	1.026	ug/l	95
38) 1,2-Dichloropropane	6.785	63	17301	1.007	ug/l	96
39) Methacrylonitrile	4.975	41	5269	0.866	ug/l	95
40) Methyl acrylate	4.849	55	8997m	1.053	ug/l	
41) Tetrahydrofuran	5.068	42	6005	1.834	ug/l	99
42) 1-Chlorobutane	5.438	56	31299	1.072	ug/l	89
43) Dibromomethane	6.910	93	8139	1.014	ug/l	95
44) Bromodichloromethane	7.100	83	19652	1.005	ug/l	95

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 LOQ-WATER-02-QT2-2025

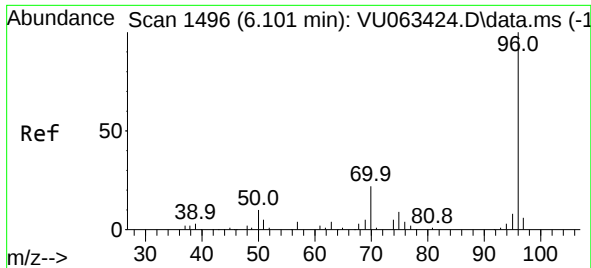
Quant Time: Jun 26 01:54:54 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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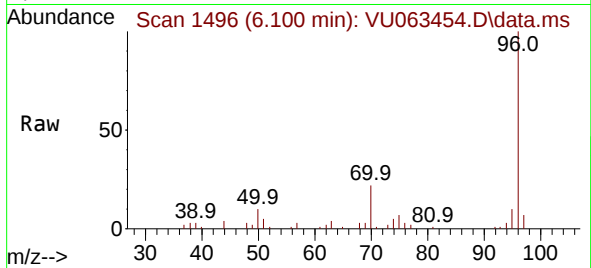
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	37508	4.352	ug/l	98
46) t-1,4-Dichloro-2-butene	10.827	75	6270m	2.213	ug/l	
47) Methyl methacrylate	6.971	69	10575	1.700	ug/l	96
48) Ethyl methacrylate	8.338	69	10029	0.900	ug/l	93
49) Toluene	7.962	92	31315	0.917	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	12870	0.912	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	18133	0.957	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	12487	1.064	ug/l	98
53) 1,3-Dichloropropane	8.573	76	19830	0.982	ug/l	97
54) 2-Hexanone	8.695	43	23923	4.137	ug/l	94
55) Dibromochloromethane	8.804	129	11748	0.970	ug/l	97
56) 1,2-Dibromoethane	8.920	107	9041	0.950	ug/l	95
58) Tetrachloroethene	8.544	164	14810	1.027	ug/l	98
59) Chlorobenzene	9.444	112	35039	0.958	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.524	131	13075	0.993	ug/l	98
61) Pentachloroethane	11.418	117	10934	1.019	ug/l	95
62) Hexachloroethane	12.463	117	9561	0.991	ug/l	93
63) Ethyl Benzene	9.563	91	51613	0.880	ug/l	99
64) m/p-Xylenes	9.688	106	38201	1.670	ug/l	98
65) o-Xylene	10.094	106	18857	0.846	ug/l	100
66) Styrene	10.113	104	31047	0.856	ug/l	97
67) Bromoform	10.283	173	6399	0.967	ug/l	96
69) Isopropylbenzene	10.476	105	44545	0.863	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	15342	1.022	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	12857m	1.049	ug/l	
72) Bromobenzene	10.782	156	13414	0.926	ug/l	90
73) n-propylbenzene	10.901	120	13516	0.863	ug/l	96
74) 2-Chlorotoluene	10.978	126	12620	0.881	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	42102	0.839	ug/l	99
76) 4-Chlorotoluene	11.094	126	13088	0.873	ug/l	97
77) tert-Butylbenzene	11.412	119	41793	0.881	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	42246	0.836	ug/l	97
79) sec-Butylbenzene	11.634	105	58832	0.876	ug/l	99
80) Nitrobenzene	13.225	77	3106m	4.540	ug/l	
81) p-Isopropyltoluene	11.785	119	45478	0.866	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	28581	0.952	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	28915	0.929	ug/l	98
84) n-Butylbenzene	12.203	91	46765	0.851	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	27917	0.972	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	2026	0.982	ug/l	96
87) 1,2,4-Trichlorobenzene	13.839	180	14633	0.914	ug/l	95
88) Hexachlorobutadiene	14.013	225	11527	1.015	ug/l	97
89) Naphthalene	14.087	128	23772	0.891	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	14322	0.899	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. -0.001 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

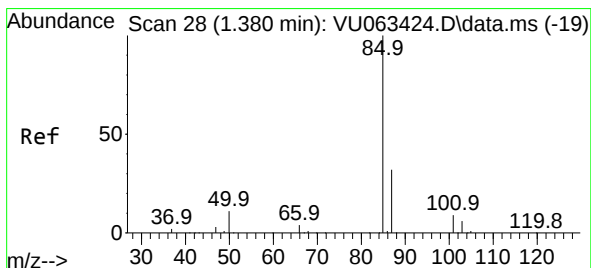
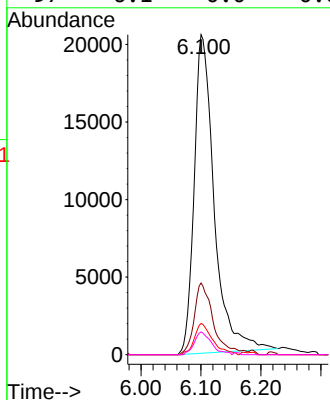
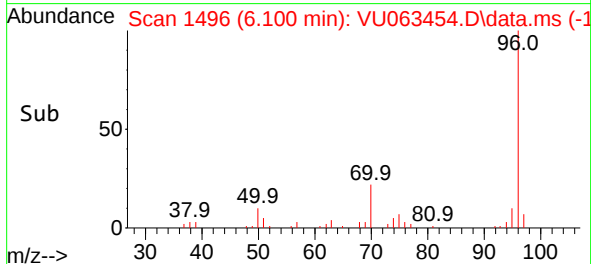
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 96 Resp: 47758
Ion Ratio Lower Upper
96 100
70 20.2 16.4 24.6
95 8.9 6.2 9.2
97 6.1 0.0 0.0#

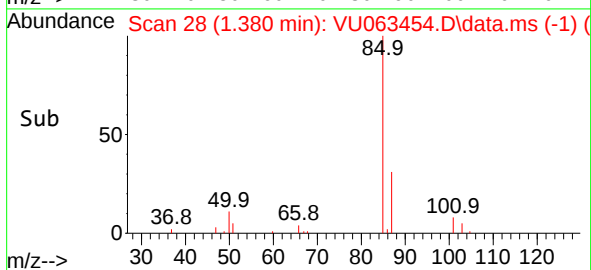
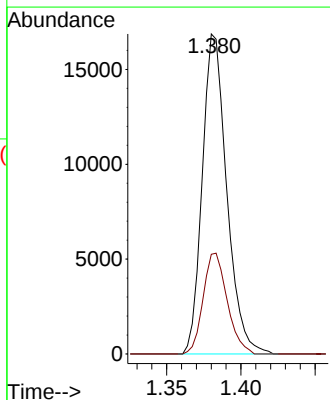
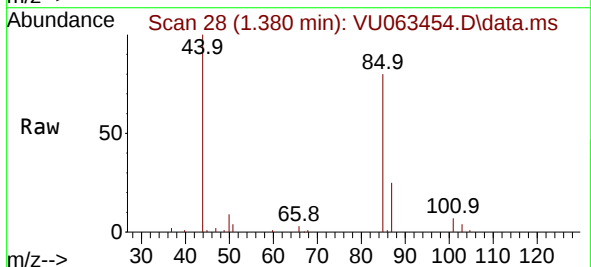
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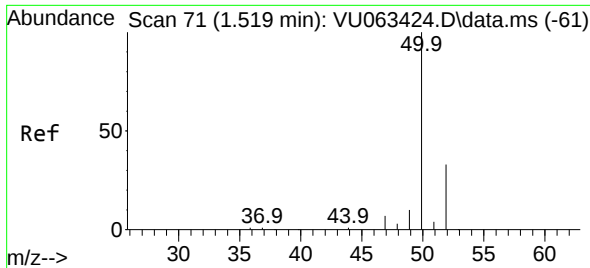
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#2
Dichlorodifluoromethane
Concen: 1.053 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

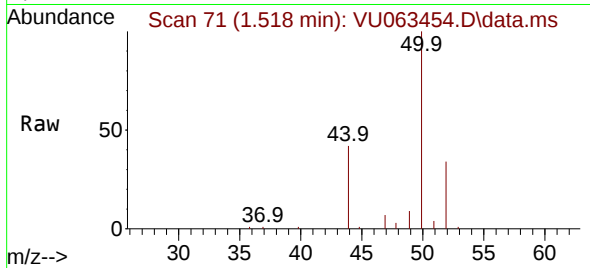
Tgt Ion: 85 Resp: 19314
Ion Ratio Lower Upper
85 100
87 31.2 16.2 48.5





#3
Chloromethane
Concen: 0.827 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

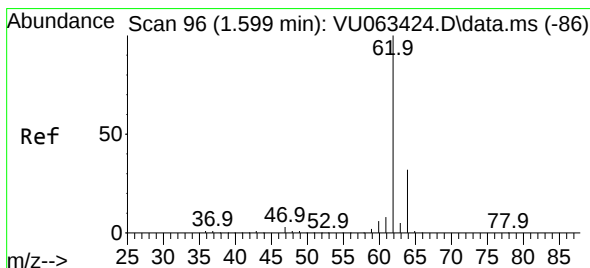
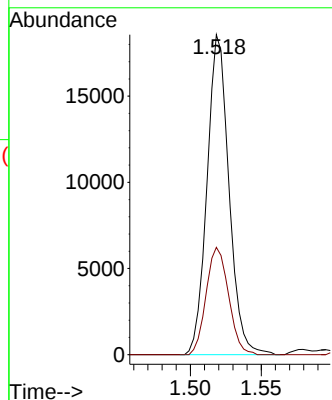
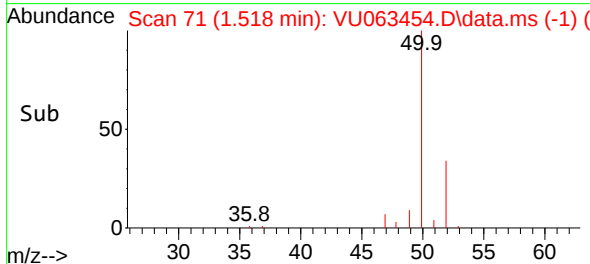
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 50 Resp: 19974
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0

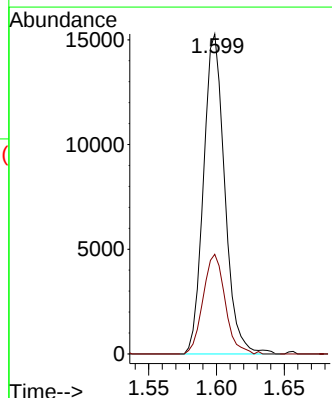
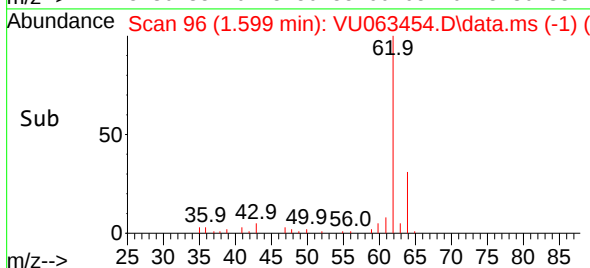
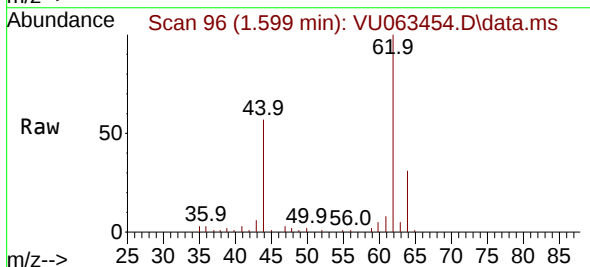
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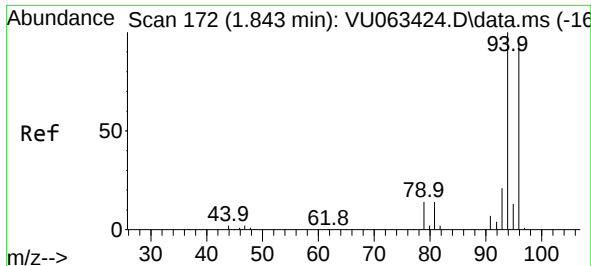
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#4
Vinyl Chloride
Concen: 0.803 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

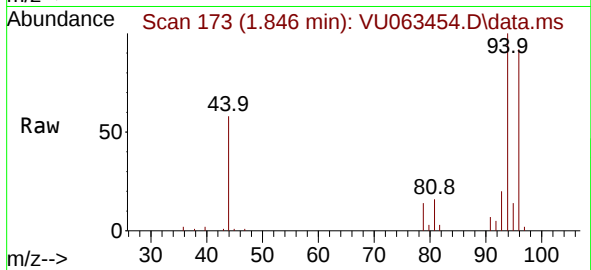
Tgt Ion: 62 Resp: 16608
Ion Ratio Lower Upper
62 100
64 31.2 25.7 38.5





#5
Bromomethane
Concen: 1.128 ug/l
RT: 1.846 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

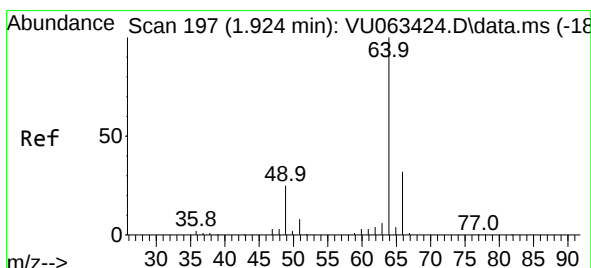
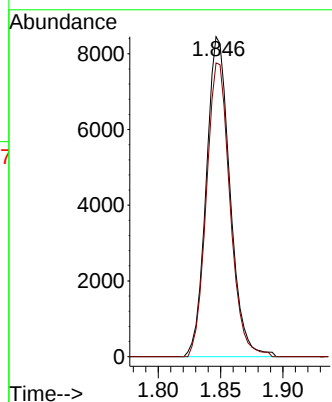
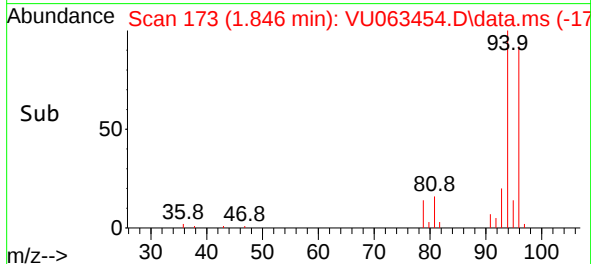
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 94 Resp: 11178
Ion Ratio Lower Upper
94 100
96 91.8 74.8 112.2

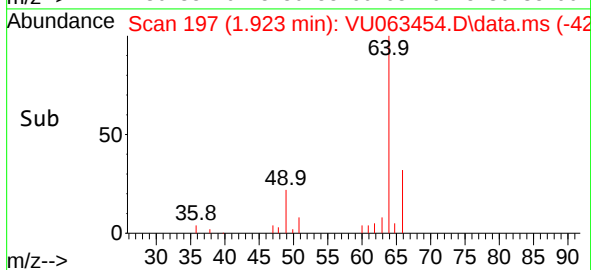
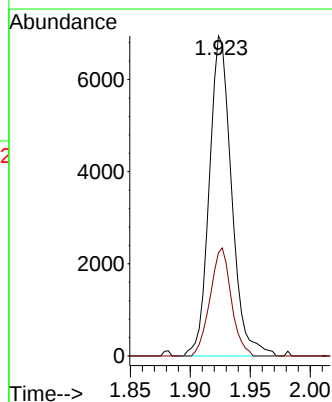
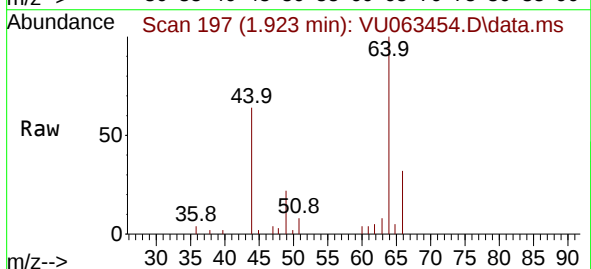
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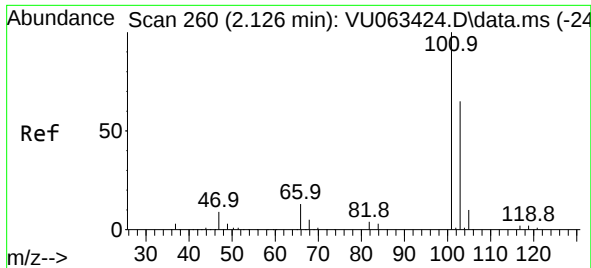
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#6
Chloroethane
Concen: 0.733 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

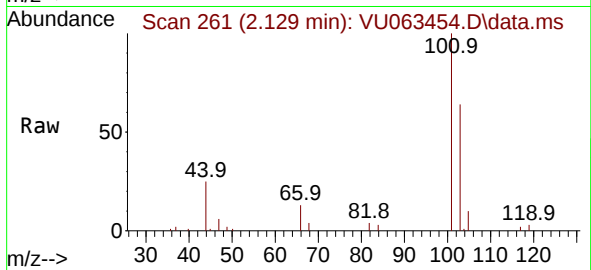
Tgt Ion: 64 Resp: 8987
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 0.909 ug/l
 RT: 2.129 min Scan# 21458
 Delta R.T. 0.003 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

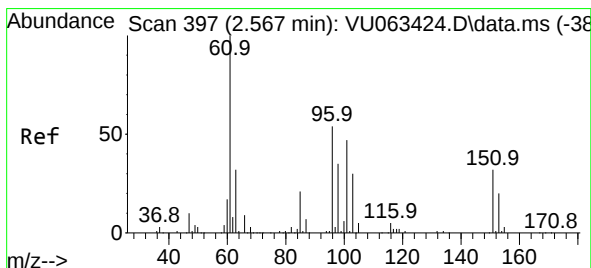
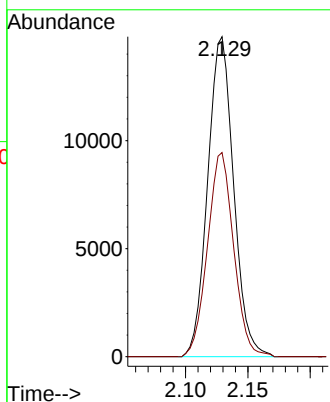
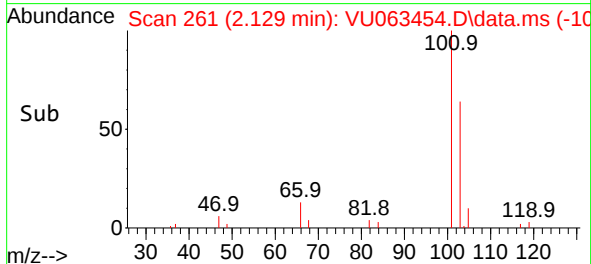
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion:101 Resp: 21458
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.3 78.5

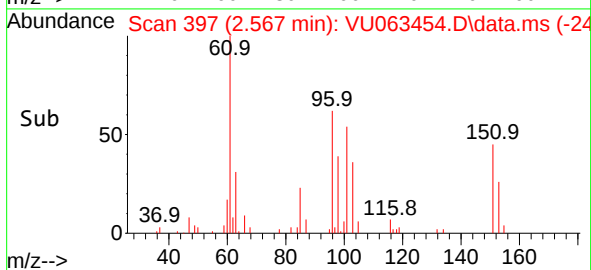
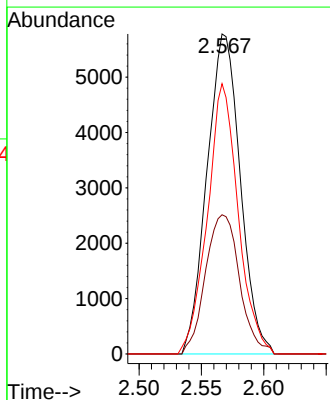
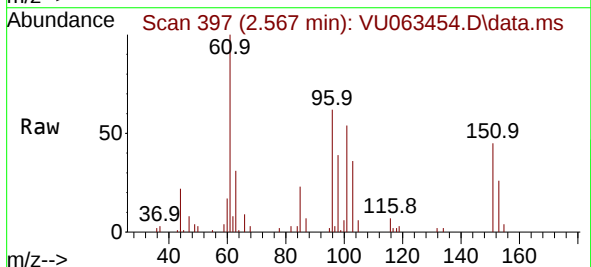
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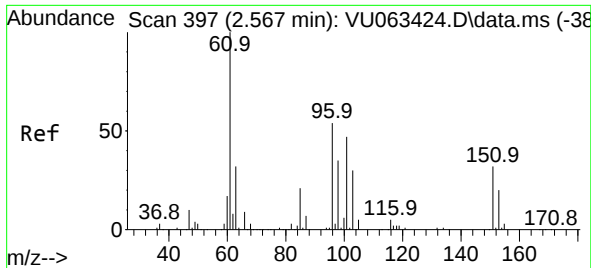
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.855 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

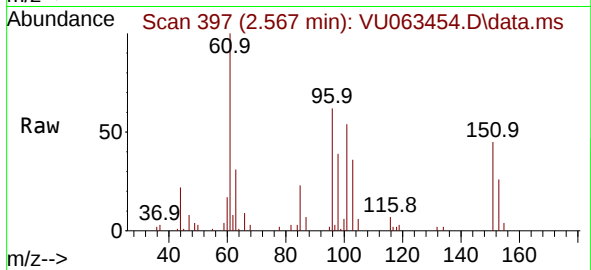
Tgt Ion:101 Resp: 10747
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.7 55.1
 151 78.0 53.9 80.9





#9
1,1-Dichloroethene
Concen: 0.848 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

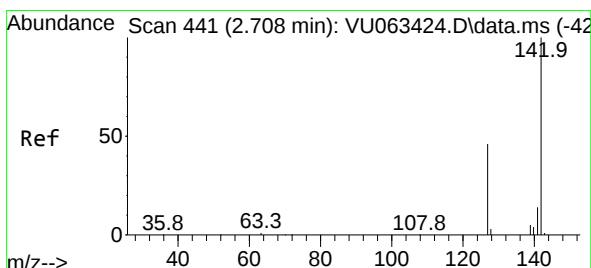
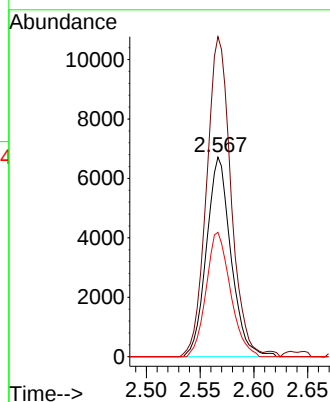
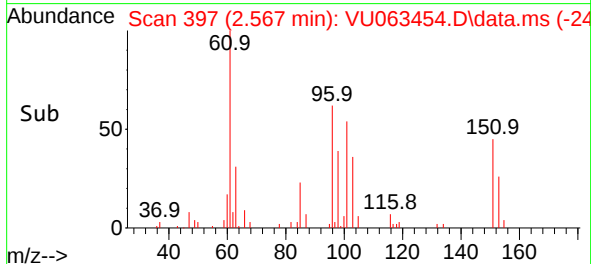
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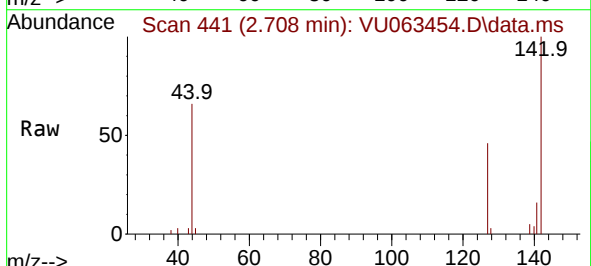
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Ion Ratio Lower Upper
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61 160.3 0.0 552.0
98 62.3 0.0 128.4

Manual Integrations
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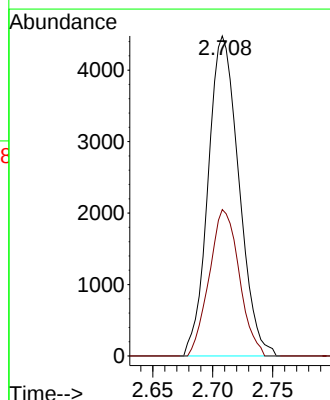
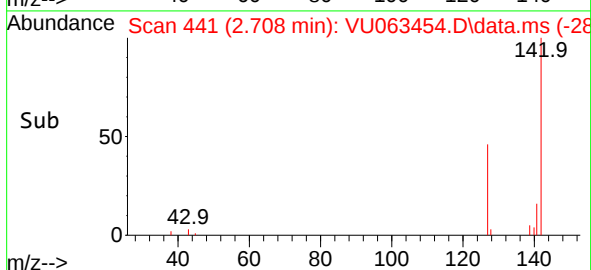
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

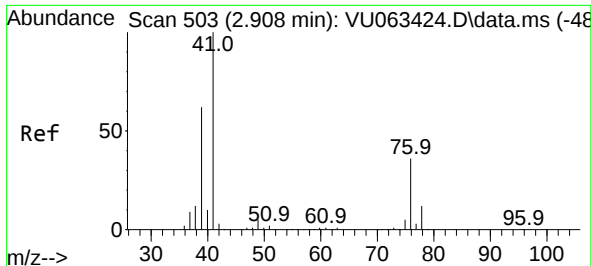


#10
Iodomethane
Concen: 0.789 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31



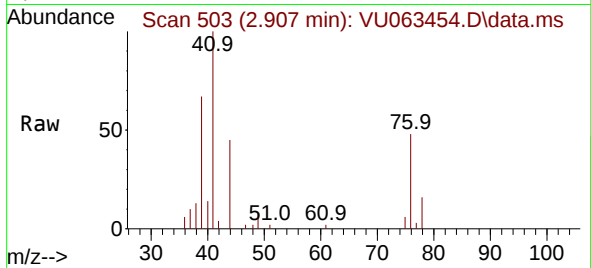
Tgt Ion:142 Resp: 7988
Ion Ratio Lower Upper
142 100
127 44.5 36.9 55.3





#11
 Allyl Chloride
 Concen: 0.597 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

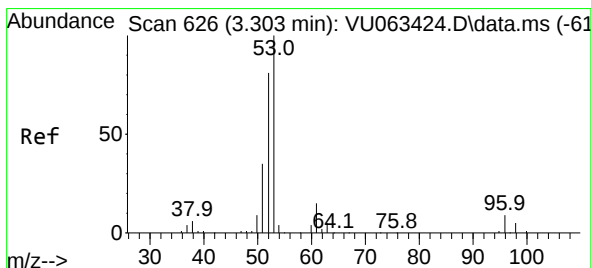
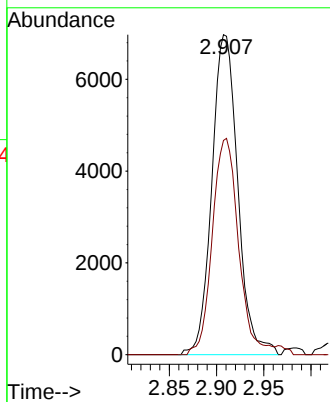
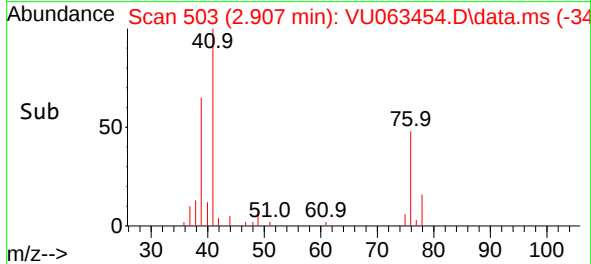
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



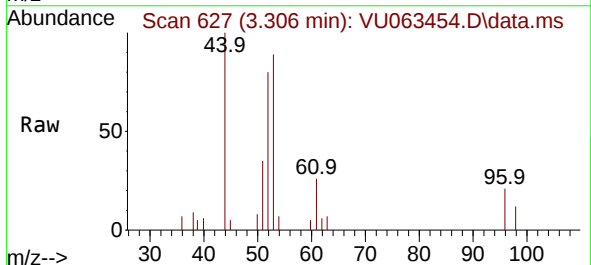
Tgt Ion: 41 Resp: 1332
 Ion Ratio Lower Upper
 41 100
 39 68.3 50.3 75.5

Manual Integrations
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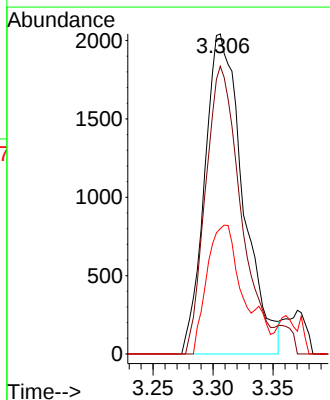
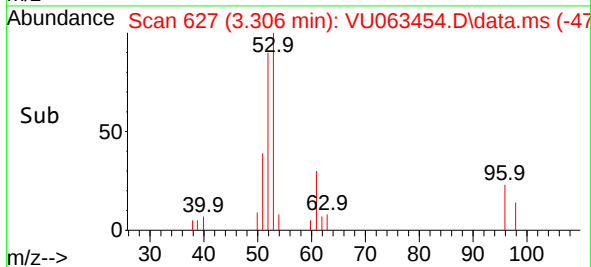
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

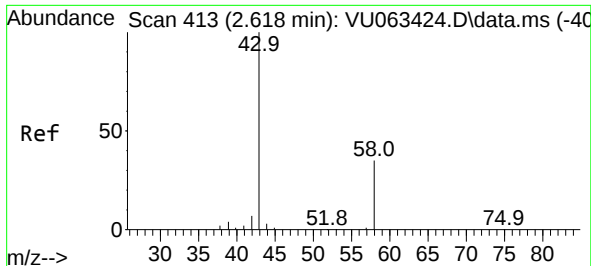


#12
 Acrylonitrile
 Concen: 1.253 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31



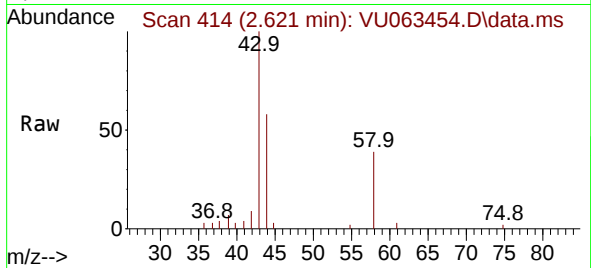
Tgt Ion: 53 Resp: 4541
 Ion Ratio Lower Upper
 53 100
 52 82.8 62.8 94.2
 51 33.8 26.2 39.4





#13
Acetone
Concen: 2.704 ug/l
RT: 2.621 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

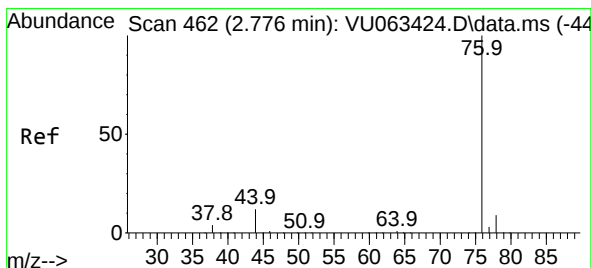
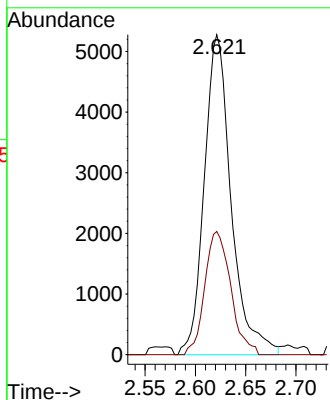
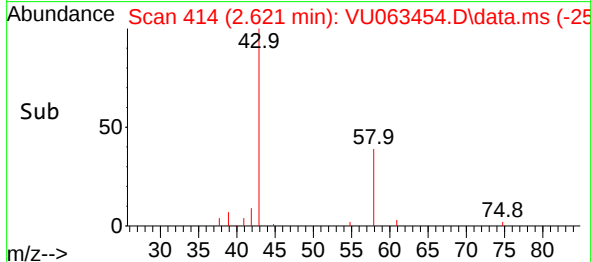
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 9820
Ion Ratio Lower Upper
43 100
58 38.5 28.3 42.5

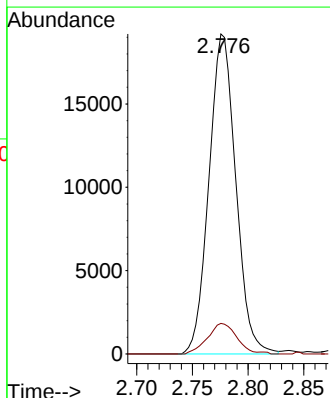
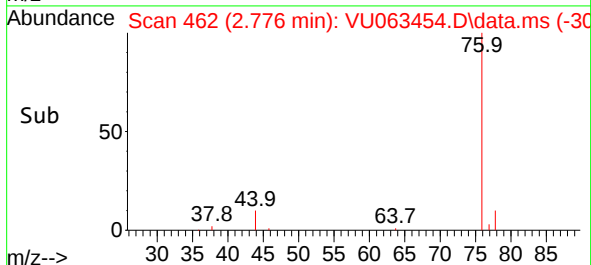
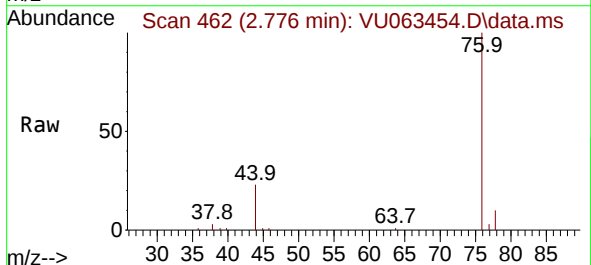
Manual Integrations
APPROVED

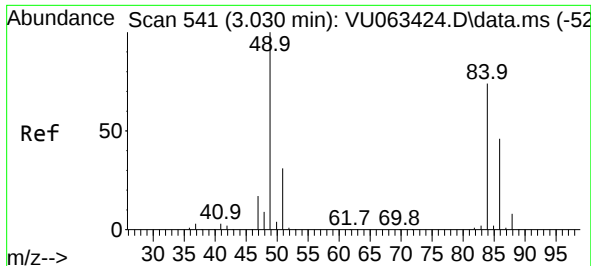
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#14
Carbon Disulfide
Concen: 0.736 ug/l
RT: 2.776 min Scan# 462
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

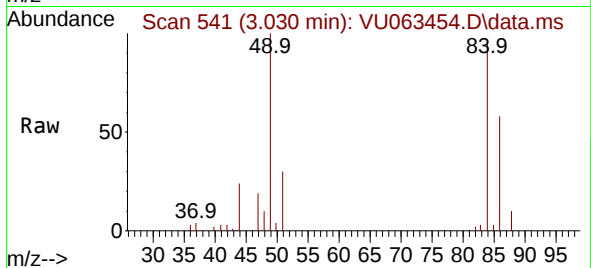
Tgt Ion: 76 Resp: 32197
Ion Ratio Lower Upper
76 100
78 9.5 6.9 10.3





#15
Methylene Chloride
Concen: 0.919 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

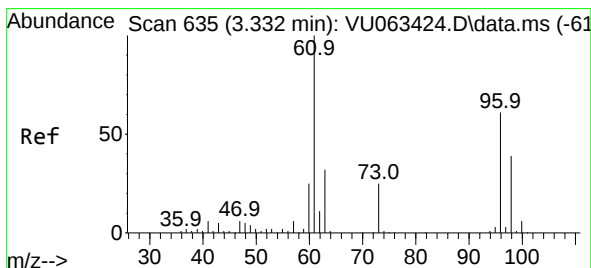
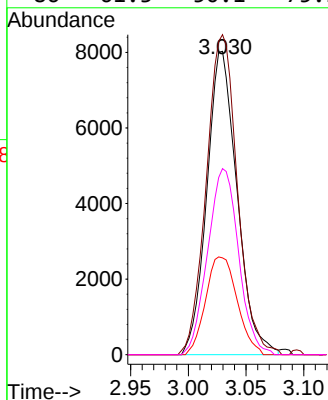
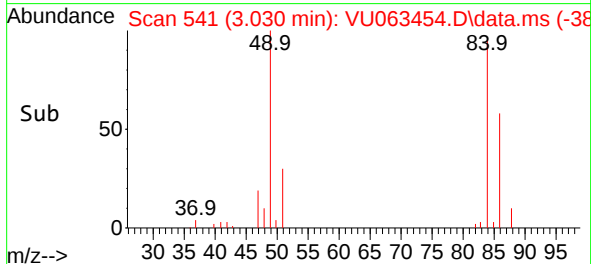
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



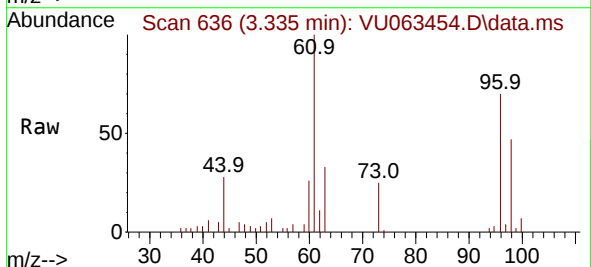
Tgt Ion: 84 Resp: 1461
Ion Ratio Lower Upper
84 100
49 105.5 108.7 163.1
51 31.9 0.0 83.8
86 61.3 50.1 75.1

Manual Integrations
APPROVED

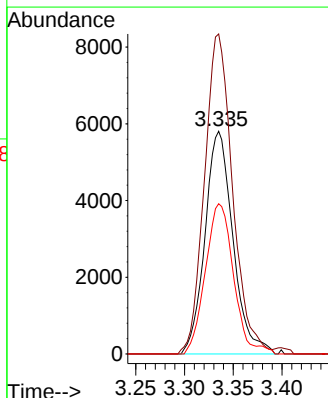
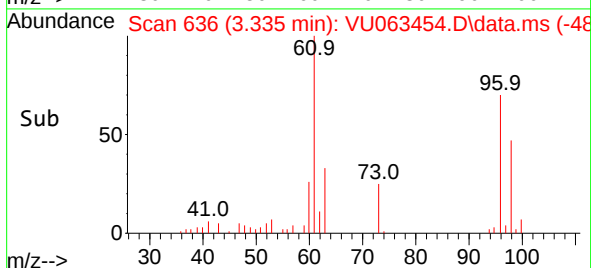
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

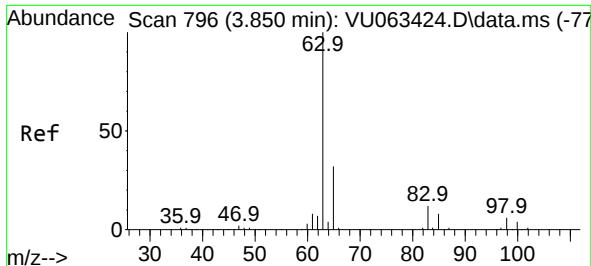


#16
trans-1,2-Dichloroethene
Concen: 0.823 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31



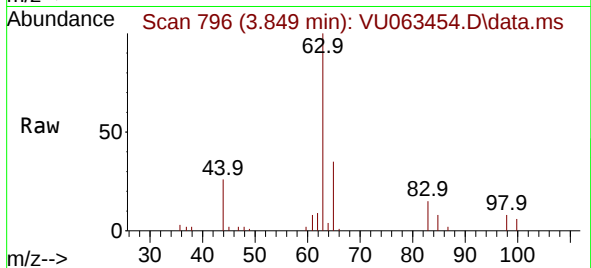
Tgt Ion: 96 Resp: 11608
Ion Ratio Lower Upper
96 100
61 143.6 132.1 198.1
98 67.4 51.0 76.4





#17
 1,1-Dichloroethane
 Concen: 0.722 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

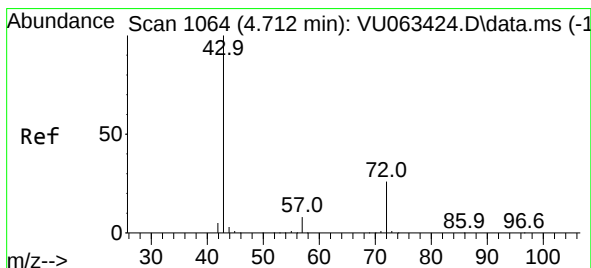
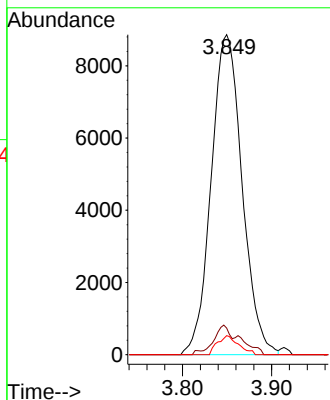
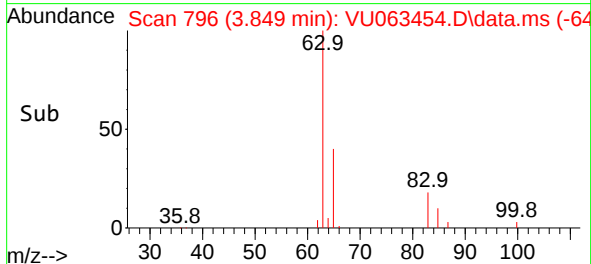
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion: 63 Resp: 21389
 Ion Ratio Lower Upper
 63 100
 98 8.3 2.8 8.4
 100 5.9 1.9 5.7

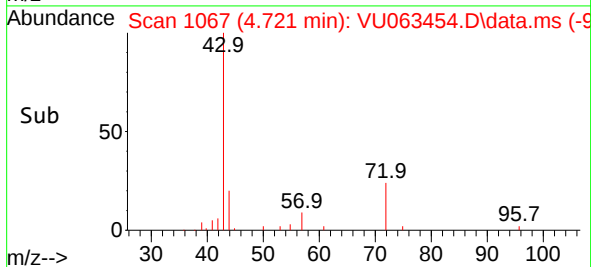
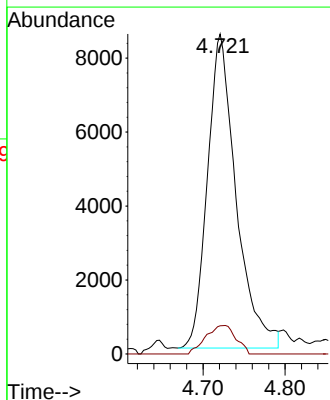
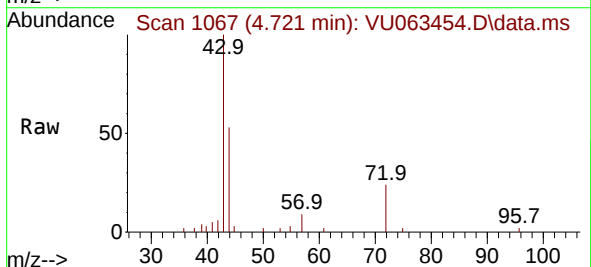
Manual Integrations
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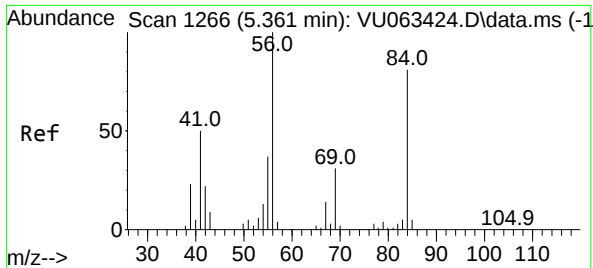
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#18
 2-Butanone
 Concen: 4.082 ug/l
 RT: 4.721 min Scan# 1067
 Delta R.T. 0.009 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

Tgt Ion: 43 Resp: 20640
 Ion Ratio Lower Upper
 43 100
 57 9.0 0.0 16.0





#19

Cyclohexane

Concen: 1.056 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.004 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

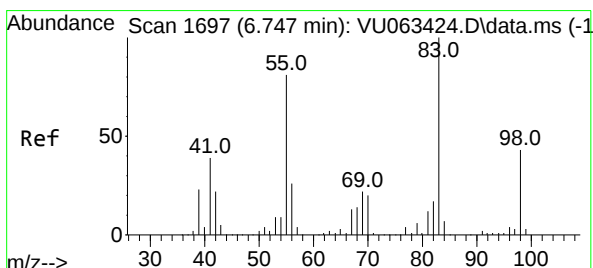
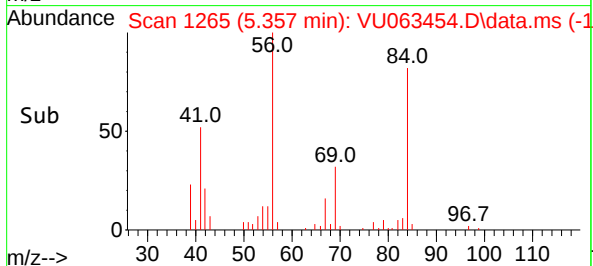
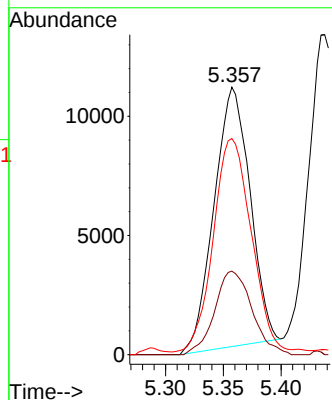
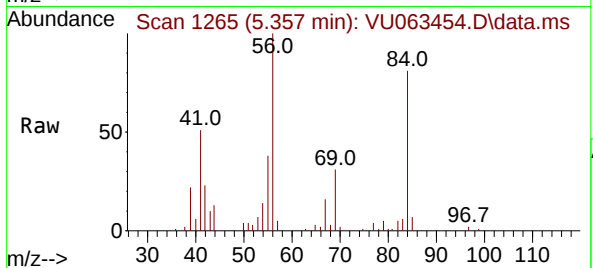
ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:	56	Resp:	2366
Ion Ratio	Lower	Upper	
56	100		
69	33.4	26.4	39.6
84	85.0	68.6	102.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#20

Methylcyclohexane

Concen: 0.929 ug/l

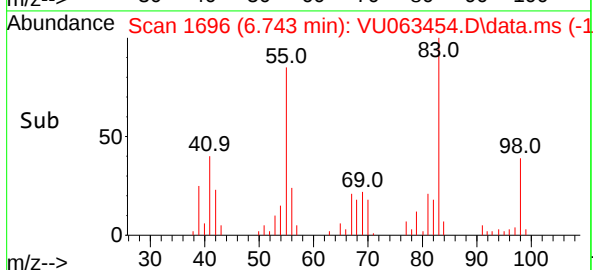
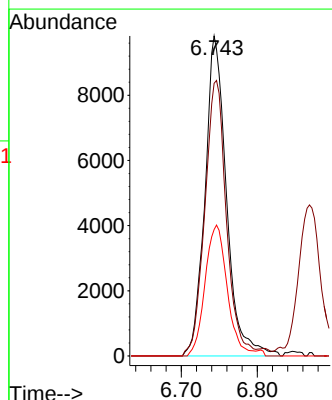
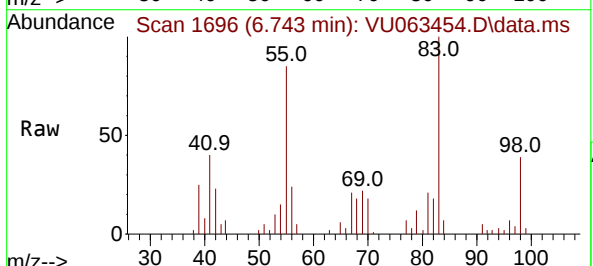
RT: 6.743 min Scan# 1696

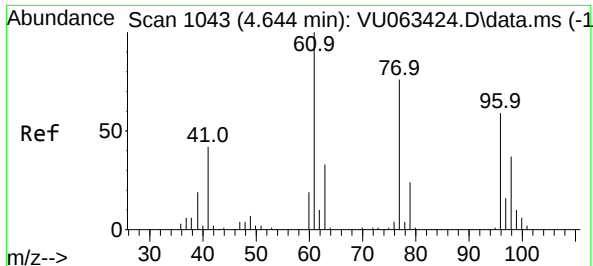
Delta R.T. -0.004 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

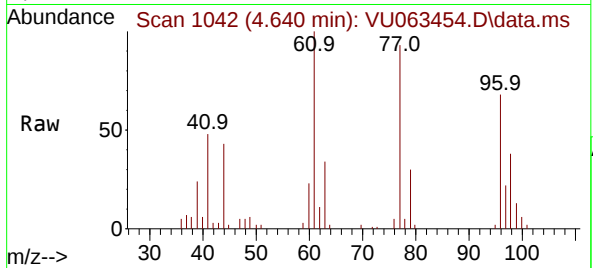
Tgt Ion:	83	Resp:	19329
Ion Ratio	Lower	Upper	
83	100		
55	83.1	63.5	95.3
98	40.1	34.2	51.4





#21
2,2-Dichloropropane
Concen: 0.991 ug/l
RT: 4.640 min Scan# 1042
Delta R.T. -0.004 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

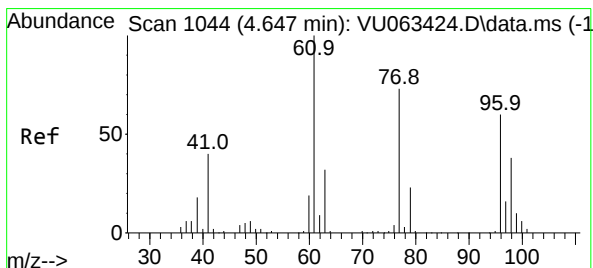
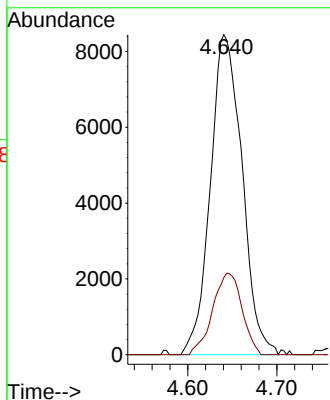
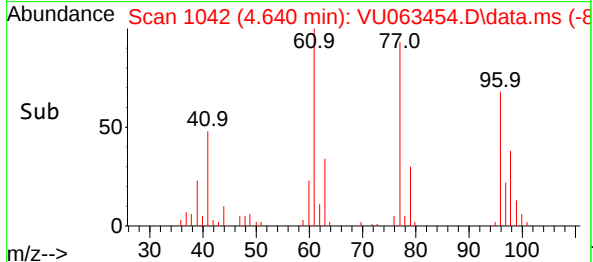
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



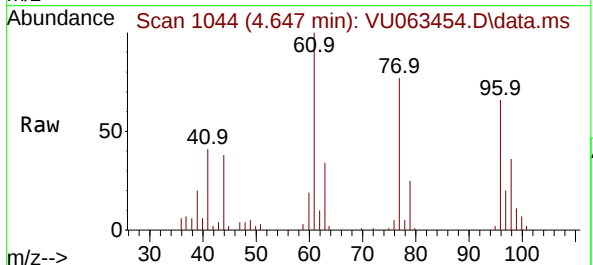
Tgt Ion: 77 Resp: 20870
Ion Ratio Lower Upper
77 100
97 23.6 17.2 25.8

Manual Integrations
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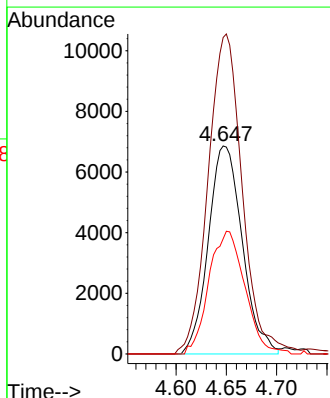
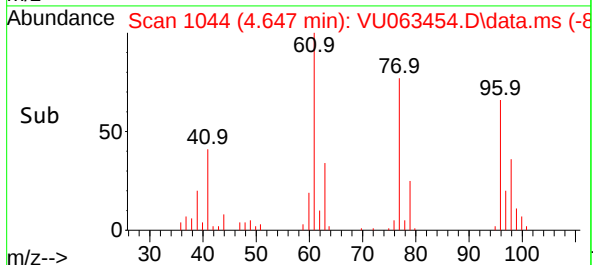
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

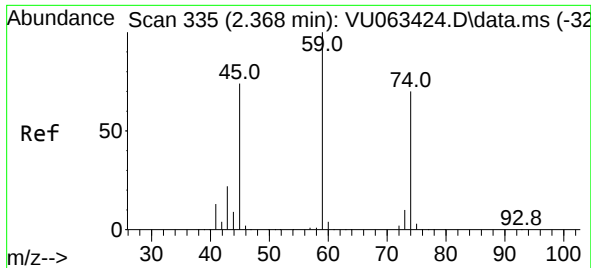


#22
cis-1,2-Dichloroethene
Concen: 1.046 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31



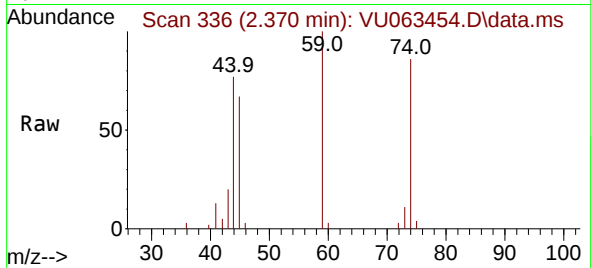
Tgt Ion: 96 Resp: 16115
Ion Ratio Lower Upper
96 100
61 154.7 0.0 434.3
98 62.5 31.9 95.7





#23
Diethyl Ether
Concen: 0.713 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

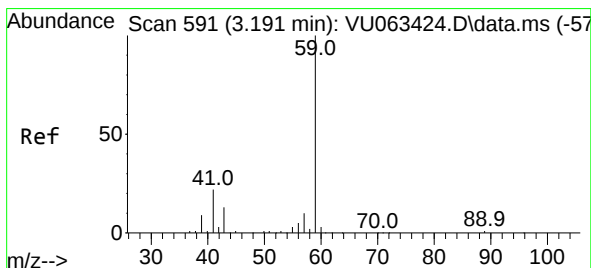
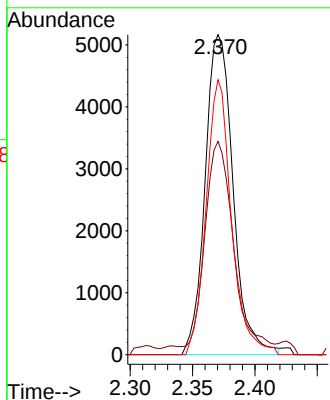
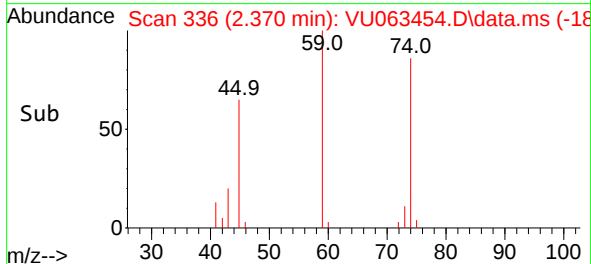
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 59 Resp: 8069
Ion Ratio Lower Upper
59 100
45 62.5 60.7 91.1
74 78.1 55.8 83.6

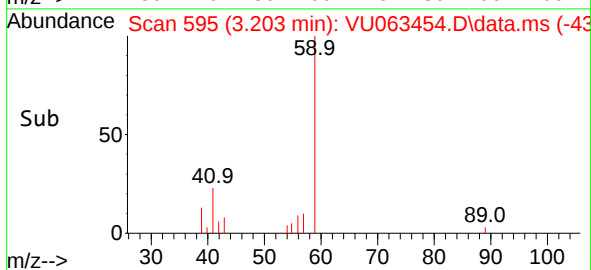
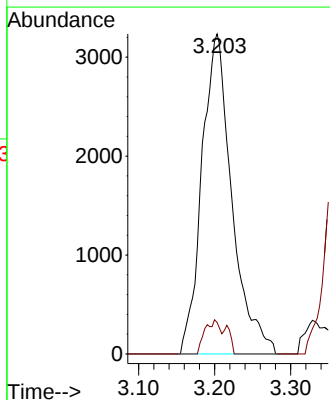
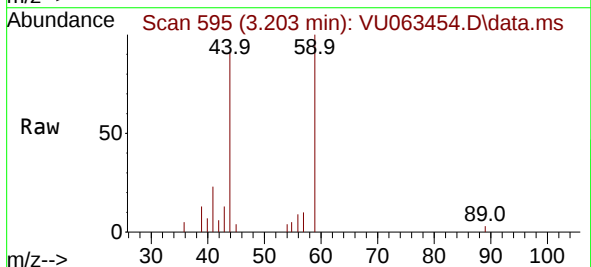
Manual Integrations
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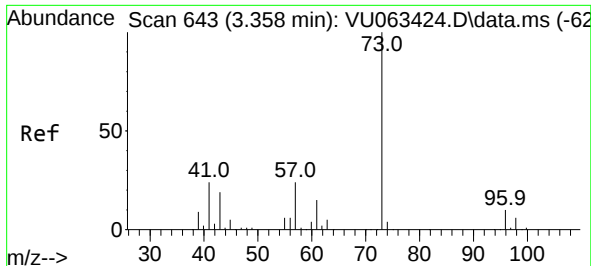
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#24
tert-Butyl Alcohol
Concen: 7.438 ug/l
RT: 3.203 min Scan# 595
Delta R.T. 0.012 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

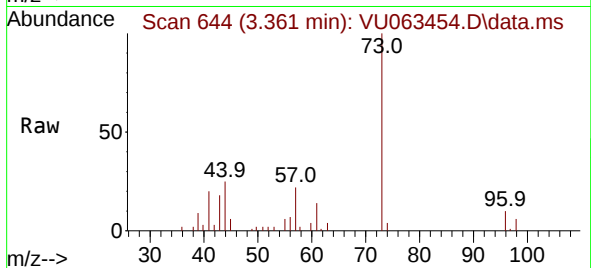
Tgt Ion: 59 Resp: 8866
Ion Ratio Lower Upper
59 100
57 5.5 7.8 11.8#





#25
Methyl tert-Butyl Ether
Concen: 0.764 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

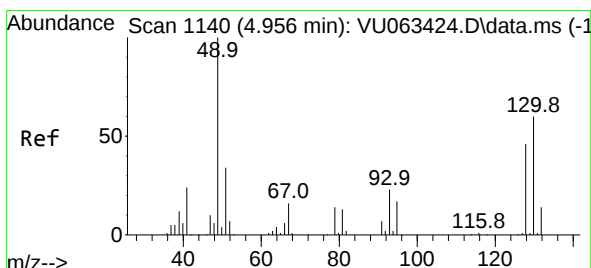
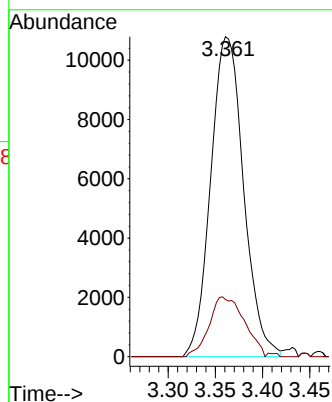
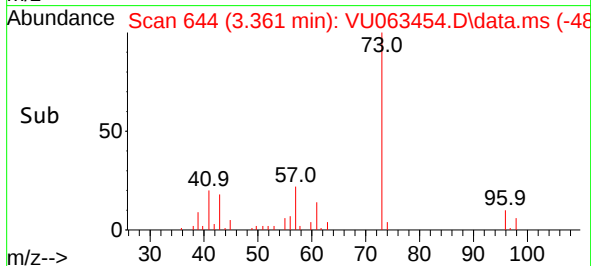
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 73 Resp: 2606
Ion Ratio Lower Upper
73 100
43 20.1 15.1 22.7

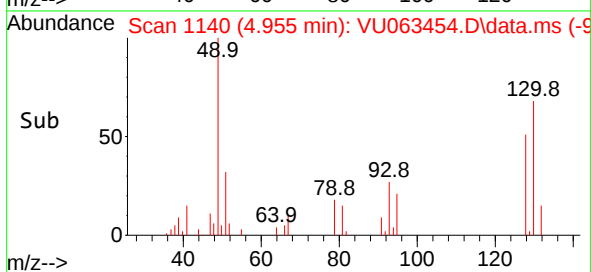
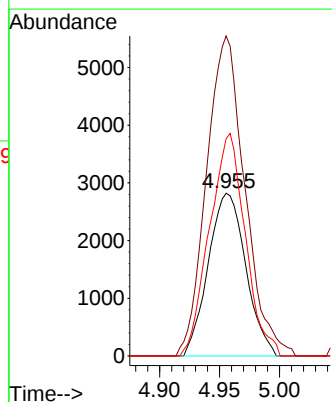
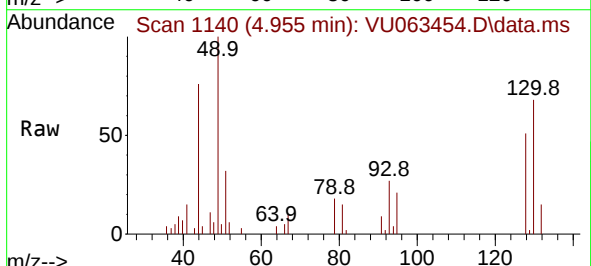
Manual Integrations
APPROVED

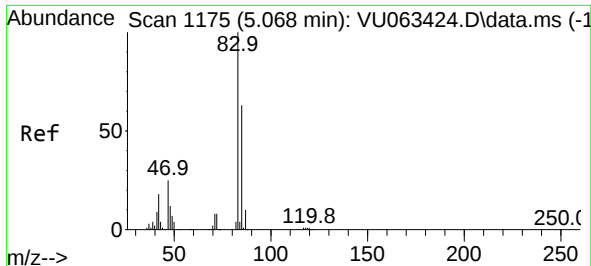
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#26
Bromochloromethane
Concen: 1.022 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:128 Resp: 6126
Ion Ratio Lower Upper
128 100
49 201.5 0.0 441.2
130 131.1 102.3 153.5





#27

Chloroform

Concen: 1.009 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 83 Resp: 2802

Ion Ratio Lower Upper

83 100

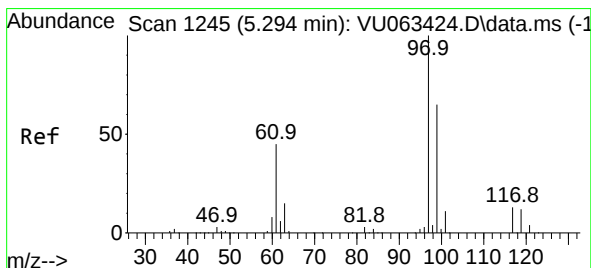
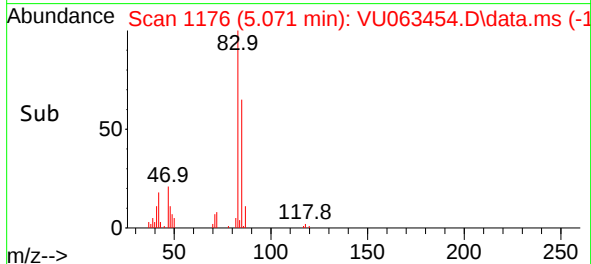
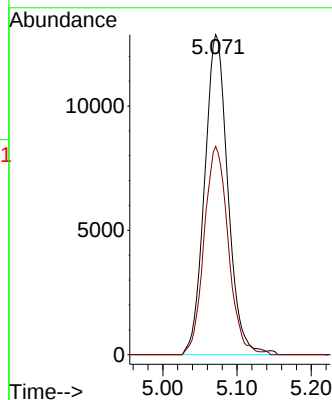
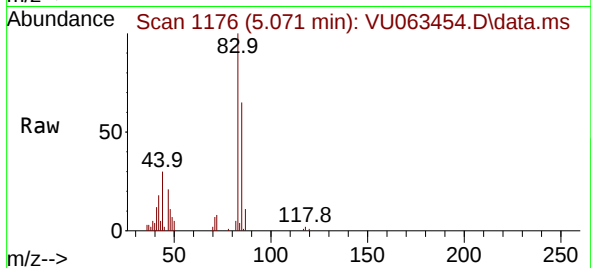
85 65.1 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#28

1,1,1-Trichloroethane

Concen: 1.040 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

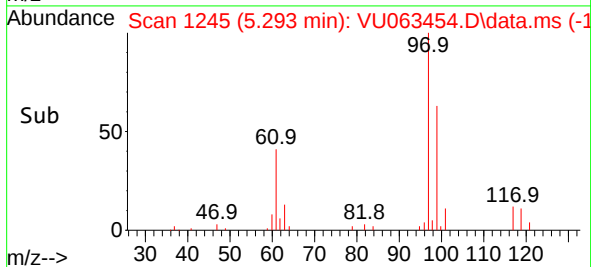
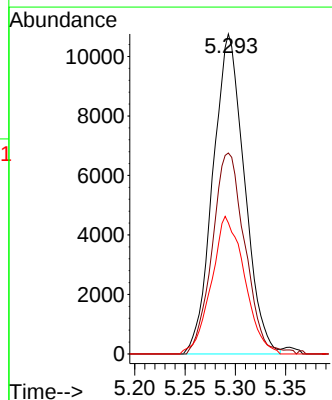
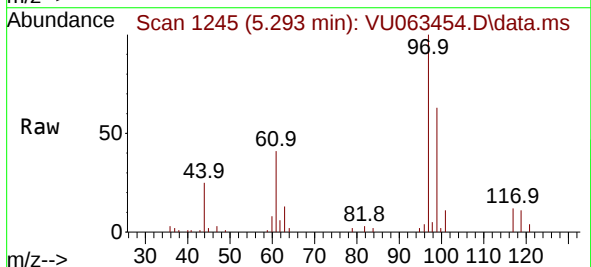
Tgt Ion: 97 Resp: 23425

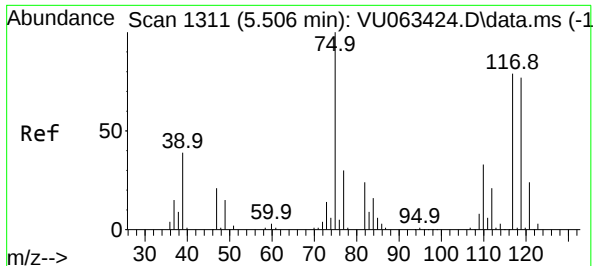
Ion Ratio Lower Upper

97 100

99 65.1 31.9 95.5

61 45.1 22.9 68.7





#29

1,1-Dichloropropene

Concen: 1.073 ug/l

RT: 5.502 min Scan# 11

Delta R.T. -0.004 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

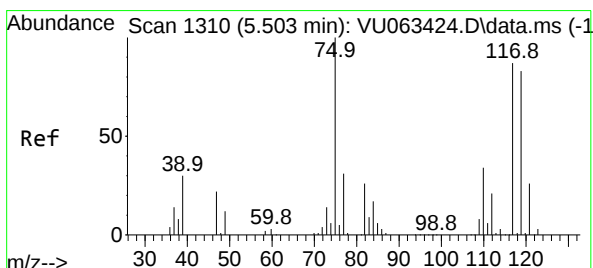
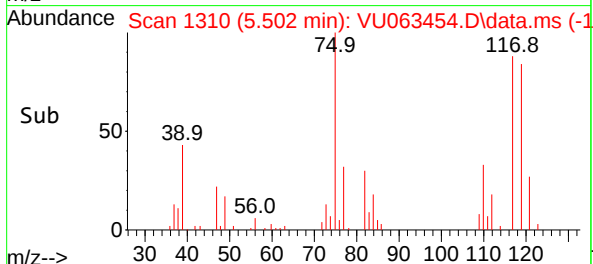
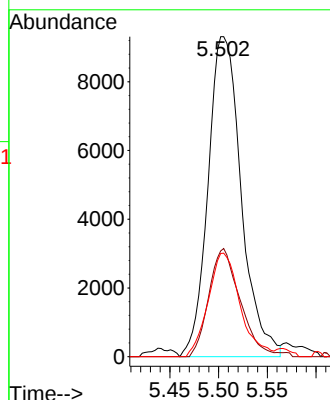
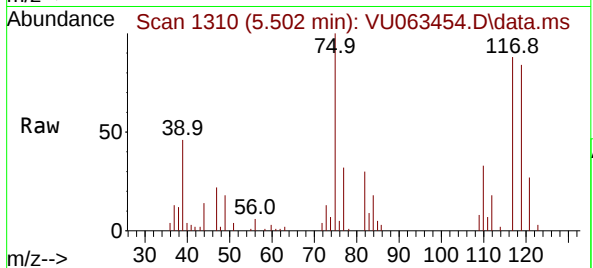
LOQ-WATER-02-QT2-2025

Tgt Ion: 75	Resp: 22079
Ion Ratio	Lower Upper
75	100
110	32.1 17.4 52.2
77	31.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#30

Carbon Tetrachloride

Concen: 1.060 ug/l

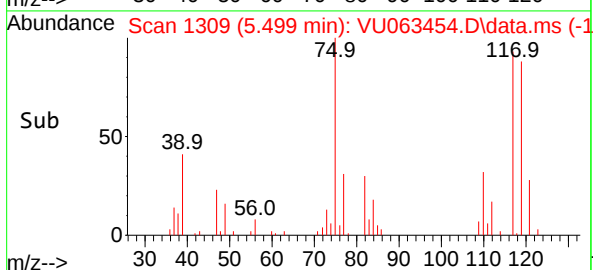
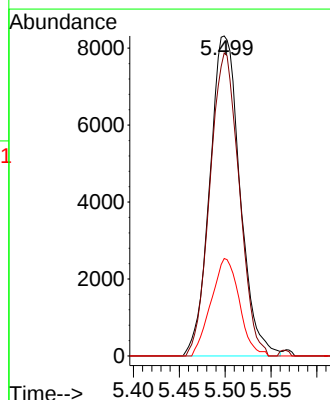
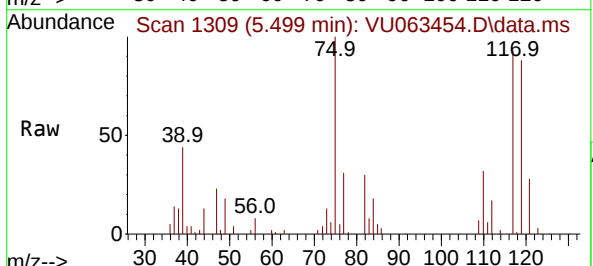
RT: 5.499 min Scan# 1309

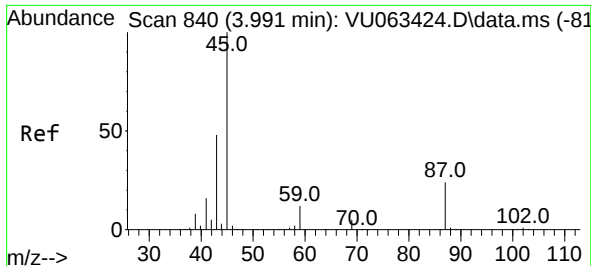
Delta R.T. -0.004 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

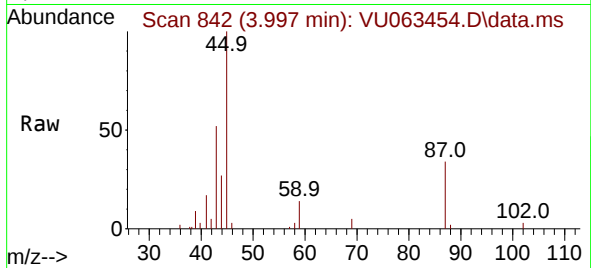
Tgt Ion: 117	Resp: 19062
Ion Ratio	Lower Upper
117	100
119	94.7 76.7 115.1
121	30.4 24.3 36.5





#31
Isopropyl Ether
Concen: 0.658 ug/l
RT: 3.997 min Scan# 840
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

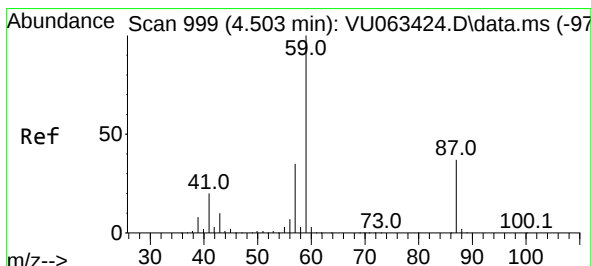
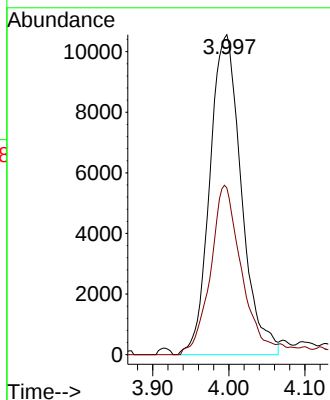
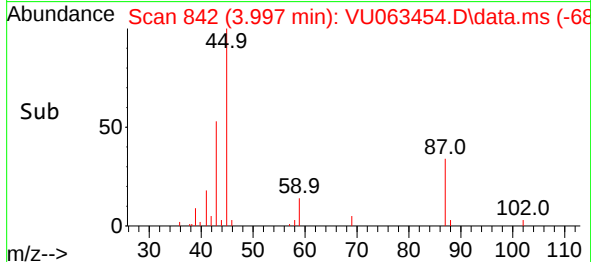
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



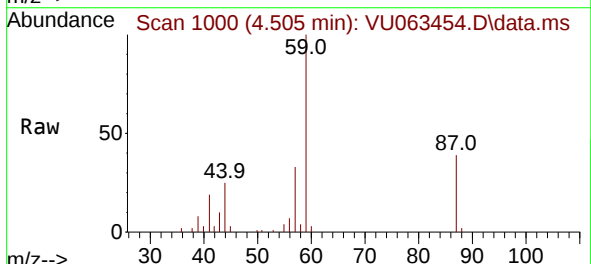
Tgt Ion: 45 Resp: 30438
Ion Ratio Lower Upper
45 100
43 51.7 23.8 71.5

Manual Integrations
APPROVED

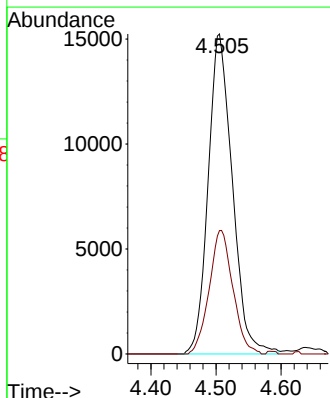
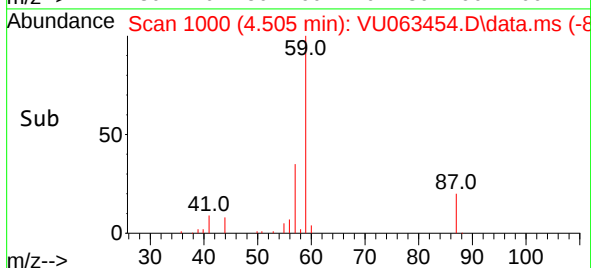
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#32
Ethyl-t-butyl ether
Concen: 1.001 ug/l m
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31



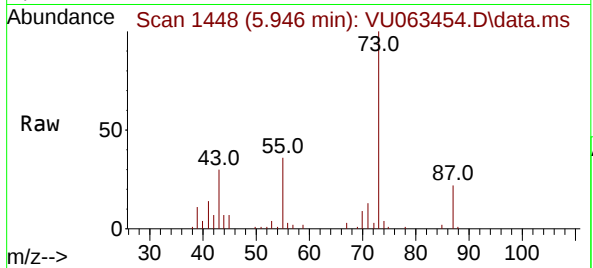
Tgt Ion: 59 Resp: 39282
Ion Ratio Lower Upper
59 100
87 37.8 29.9 44.9





#33
Tert-Amyl methyl ether
Concen: 0.992 ug/l m
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

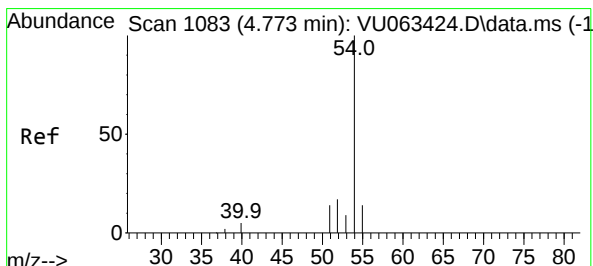
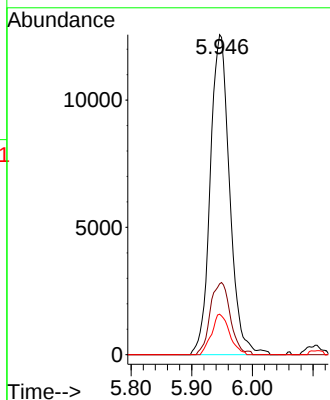
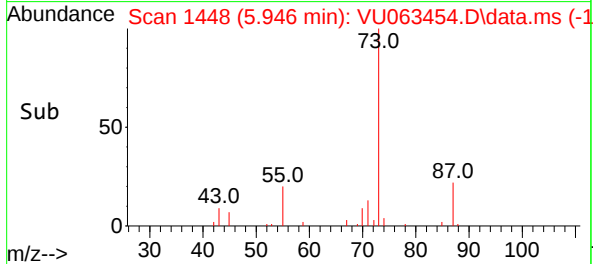
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 73 Resp: 2784
Ion Ratio Lower Upper
73 100
87 23.4 18.1 27.1
71 11.7 10.0 15.0

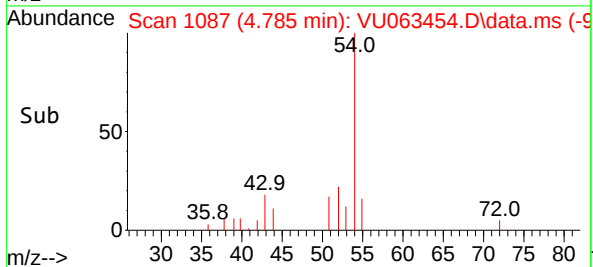
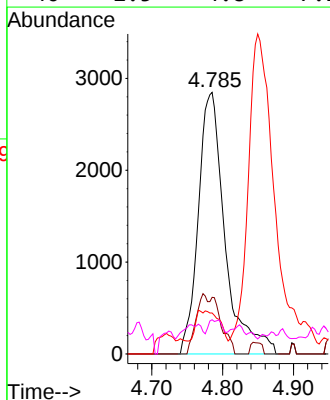
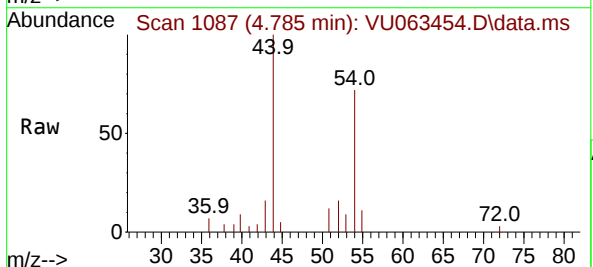
Manual Integrations
APPROVED

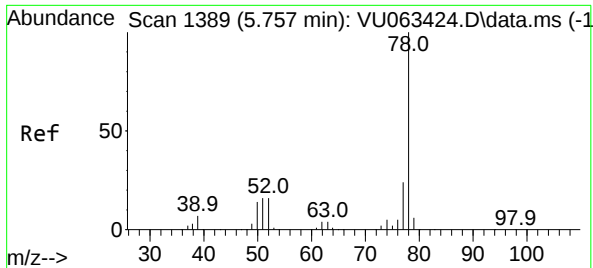
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#34
Propionitrile
Concen: 5.090 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.012 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 54 Resp: 7445
Ion Ratio Lower Upper
54 100
52 0.0 14.8 22.2#
55 0.0 12.2 18.2#
40 2.5 4.8 7.2#





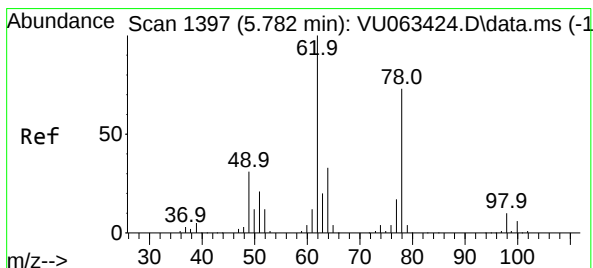
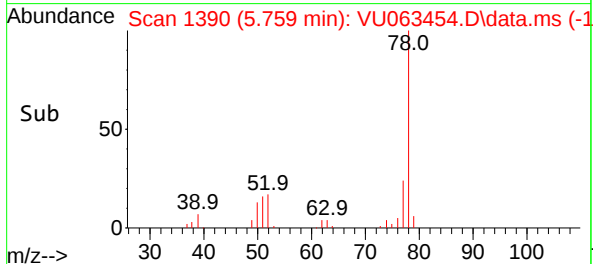
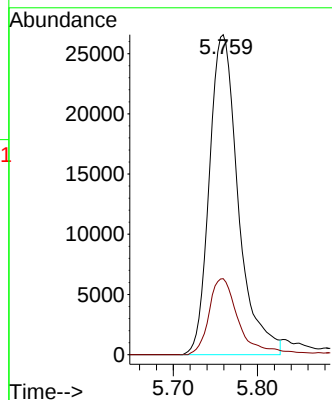
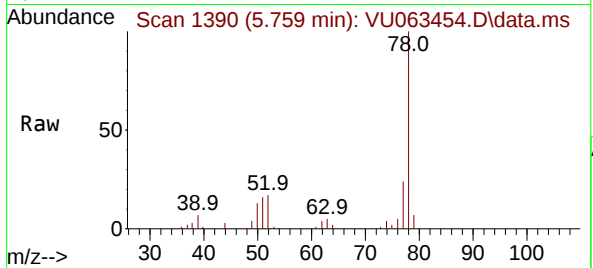
#35
Benzene
Concen: 1.018 ug/l
RT: 5.759 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 78 Resp: 63375
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2

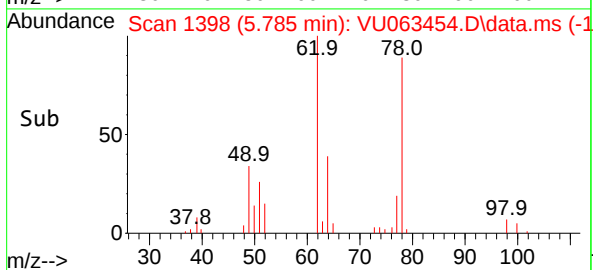
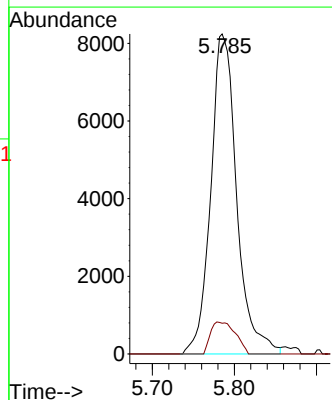
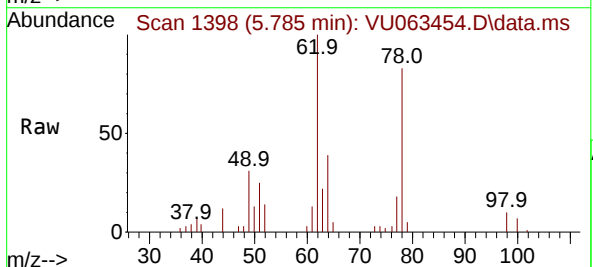
Manual Integrations
APPROVED

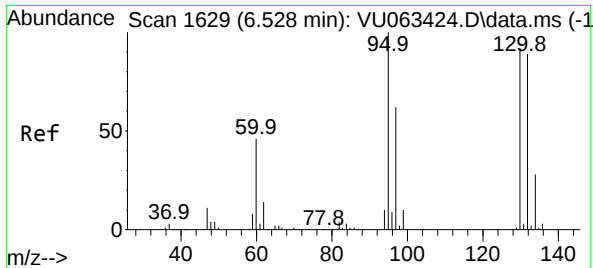
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#36
1,2-Dichloroethane
Concen: 0.997 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

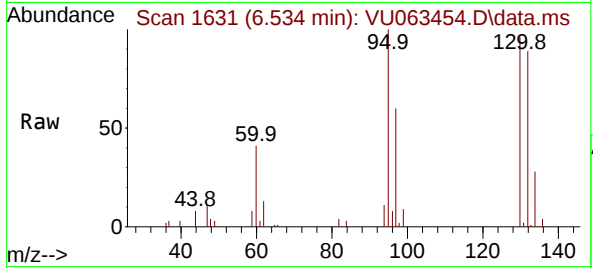
Tgt Ion: 62 Resp: 18142
Ion Ratio Lower Upper
62 100
98 9.6 7.1 10.7





#37
Trichloroethene
Concen: 1.026 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

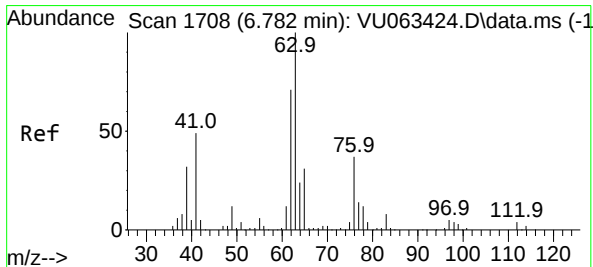
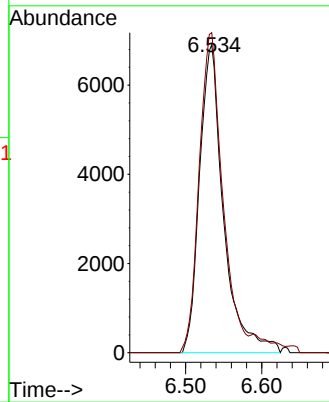
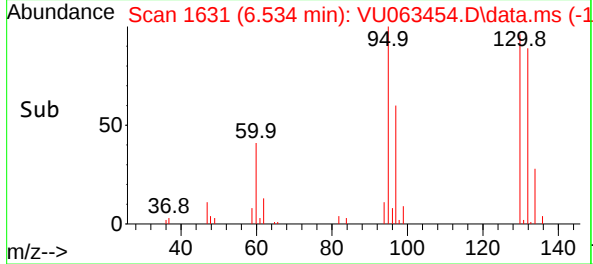
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:130 Resp: 1509
Ion Ratio Lower Upper
130 100
95 104.0 87.2 130.8

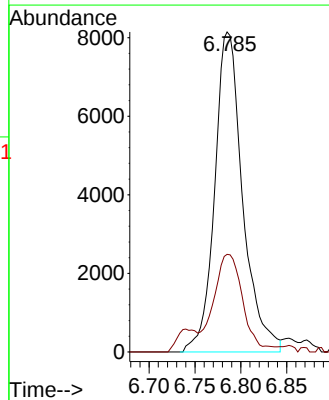
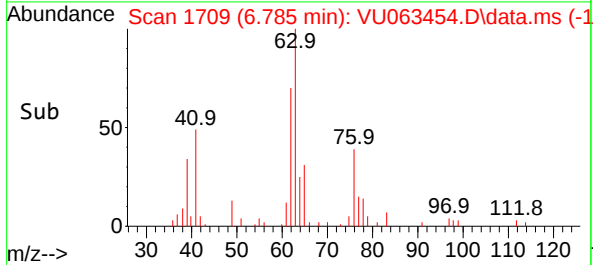
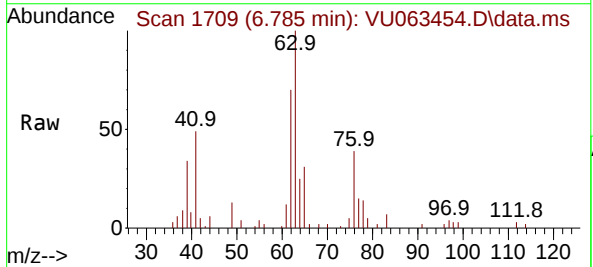
Manual Integrations
APPROVED

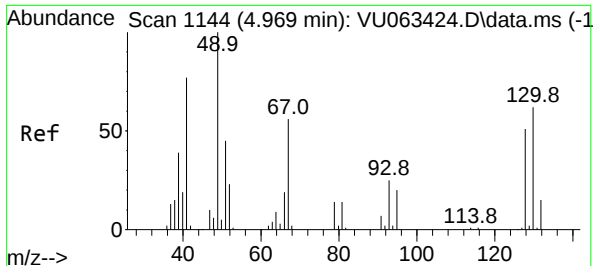
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#38
1,2-Dichloropropane
Concen: 1.007 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 63 Resp: 17301
Ion Ratio Lower Upper
63 100
65 28.9 25.0 37.6





#39

Methacrylonitrile

Concen: 0.866 ug/l

RT: 4.975 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VU063454.D

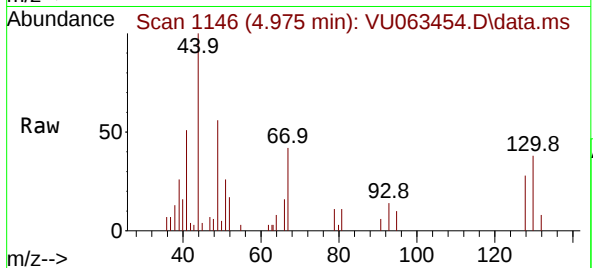
Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025



Tgt Ion: 41 Resp: 5269

Ion Ratio Lower Upper

41 100

67 78.5 59.8 89.8

39 52.7 40.7 61.1

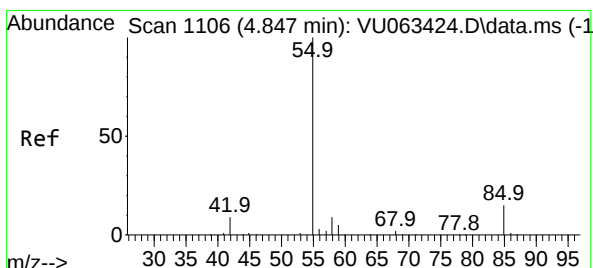
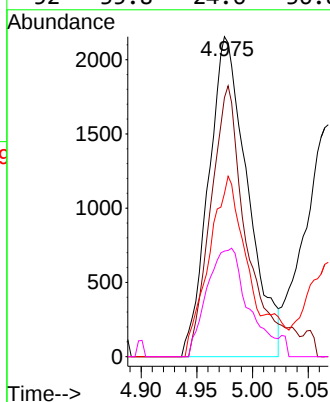
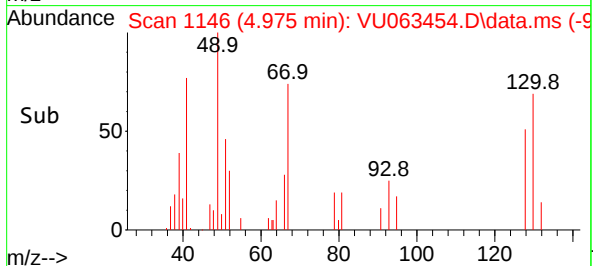
52 35.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#40

Methyl acrylate

Concen: 1.053 ug/l m

RT: 4.849 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Tgt Ion: 55 Resp: 8997

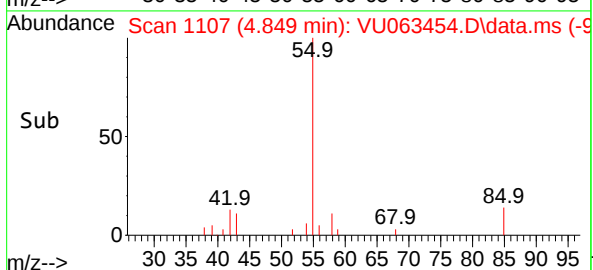
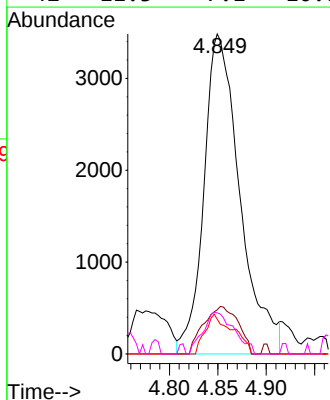
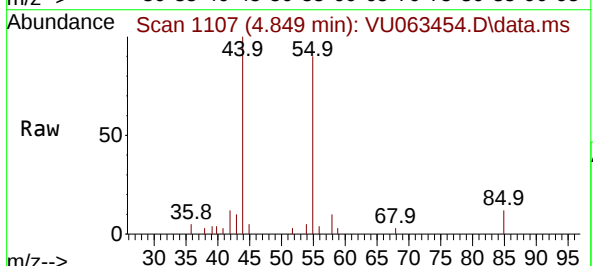
Ion Ratio Lower Upper

55 100

85 14.2 12.6 19.0

58 9.5 6.9 10.3

42 11.3 7.1 10.7#





#41

Tetrahydrofuran

Concen: 1.834 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.009 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

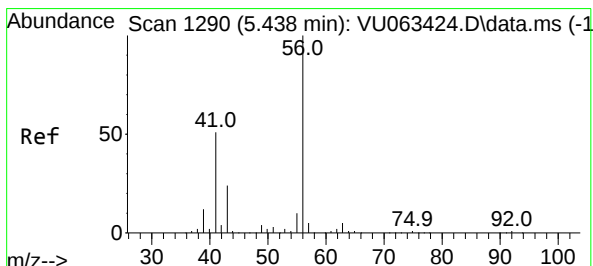
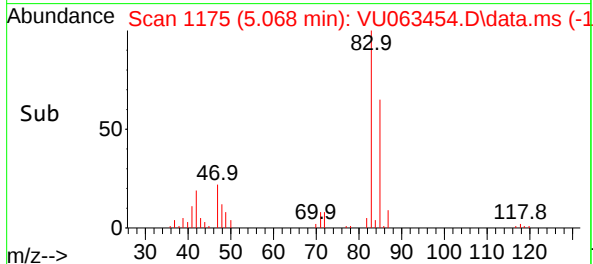
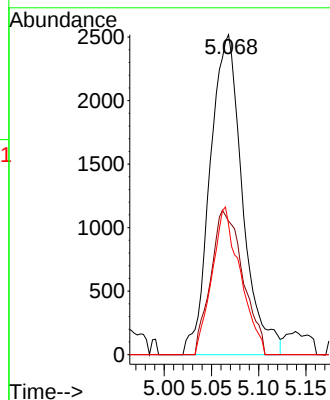
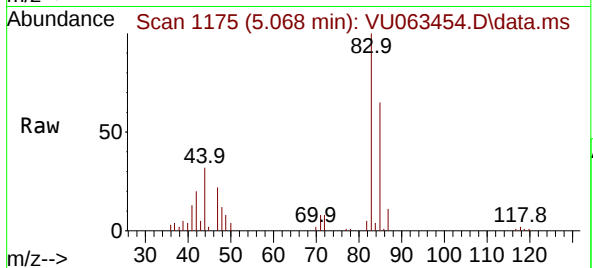
ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:	42	Resp:	600
Ion Ratio	Lower	Upper	
42	100		
72	44.7	35.4	53.2
71	40.1	31.4	47.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#42

1-Chlorobutane

Concen: 1.072 ug/l

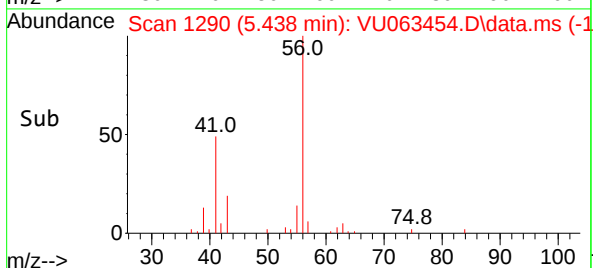
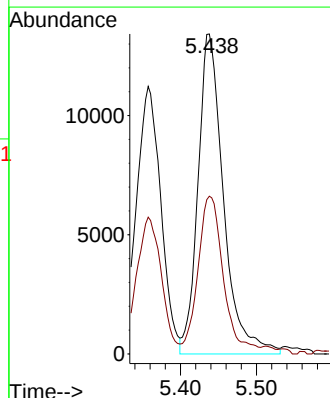
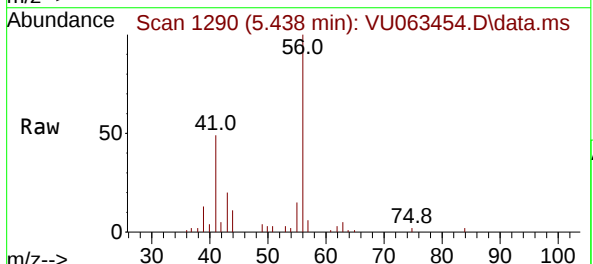
RT: 5.438 min Scan# 1290

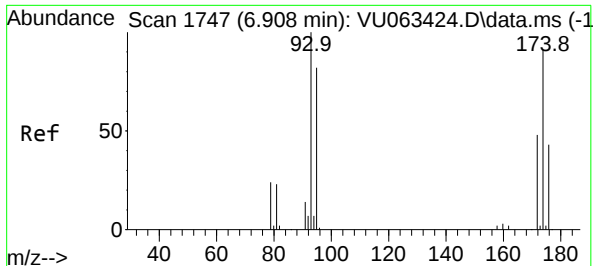
Delta R.T. -0.000 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

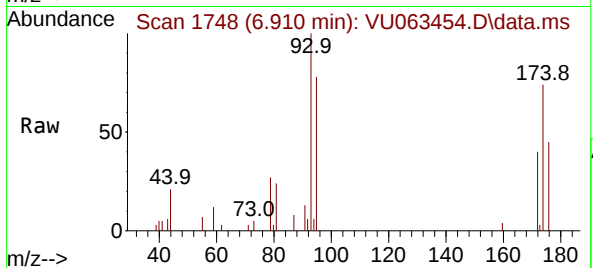
Tgt Ion:	56	Resp:	31299
Ion Ratio	Lower	Upper	
56	100		
41	45.3	26.4	79.0





#43
Dibromomethane
Concen: 1.014 ug/l
RT: 6.910 min Scan# 1747
Delta R.T. 0.002 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

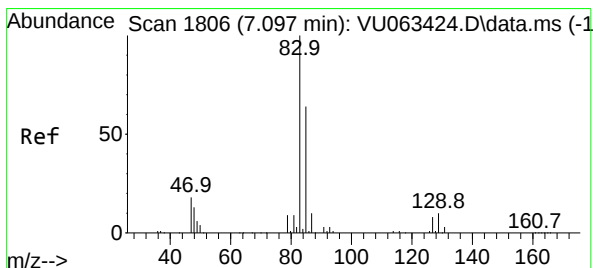
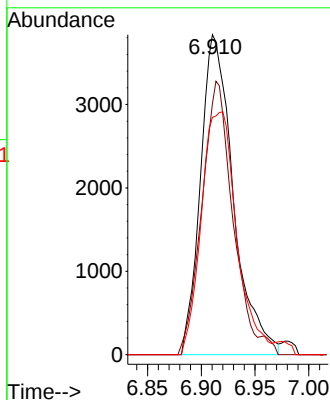
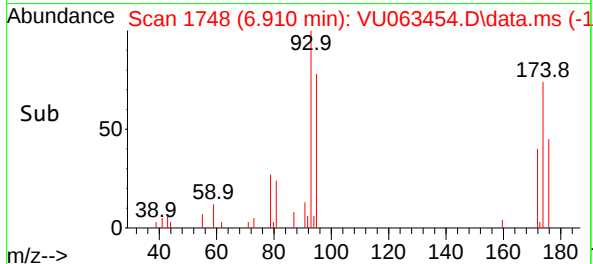
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



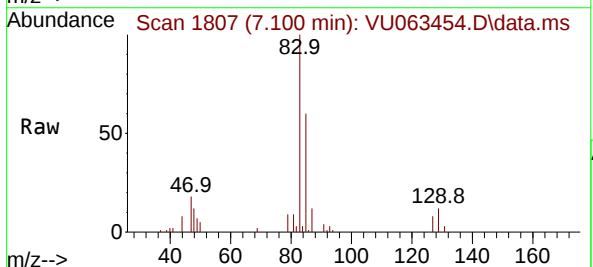
Tgt Ion: 93 Resp: 8139
Ion Ratio Lower Upper
93 100
95 81.5 66.7 100.1
174 81.6 71.1 106.7

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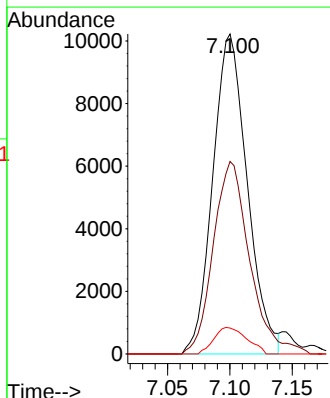
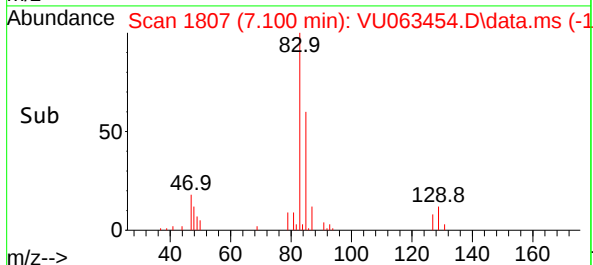
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

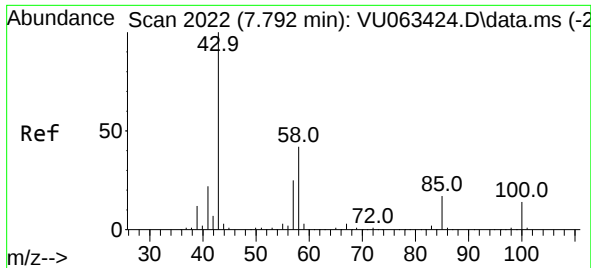


#44
Bromodichloromethane
Concen: 1.005 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31



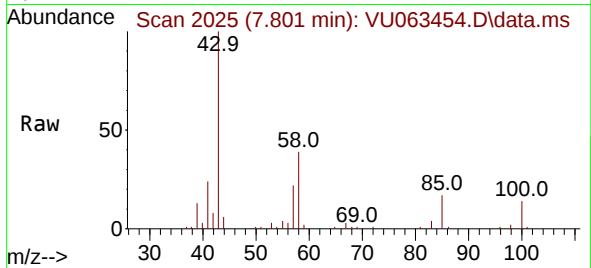
Tgt Ion: 83 Resp: 19652
Ion Ratio Lower Upper
83 100
85 60.2 51.4 77.2
127 8.1 6.6 10.0





#45
4-Methyl-2-Pentanone
Concen: 4.352 ug/l
RT: 7.801 min Scan# 2022
Delta R.T. 0.009 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

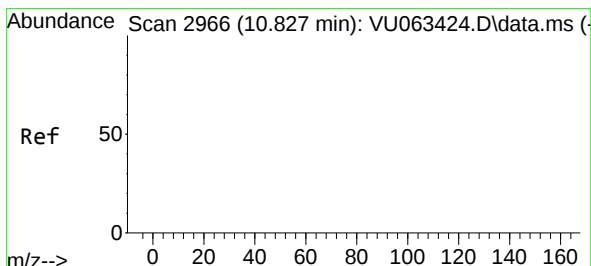
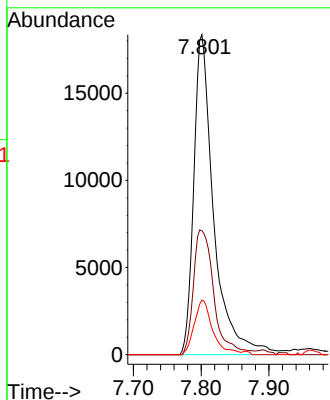
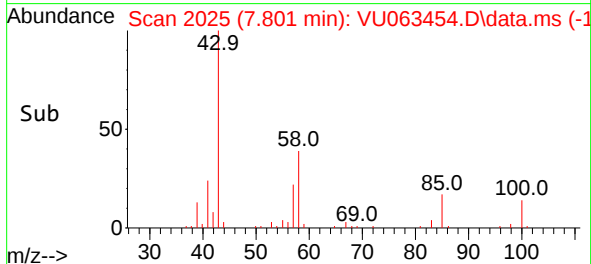
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 37508
Ion Ratio Lower Upper
43 100
58 40.1 20.5 61.6
85 15.7 14.2 21.2

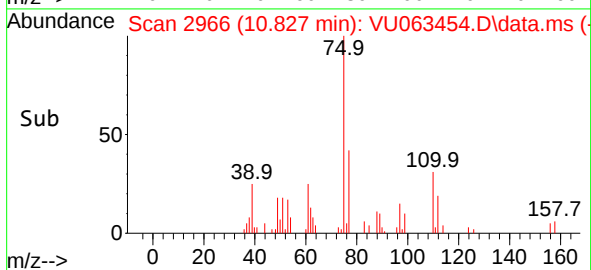
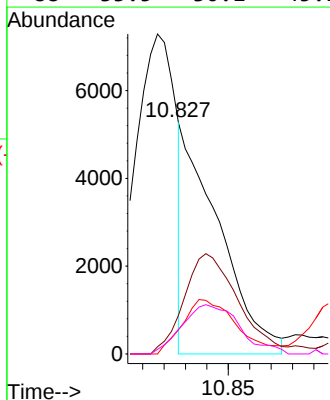
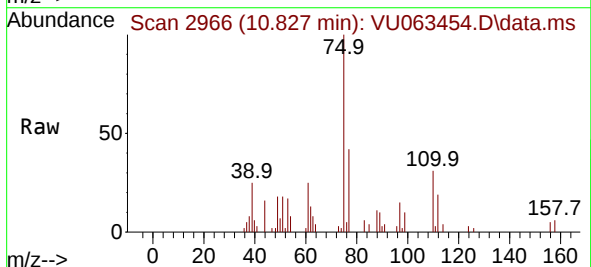
Manual Integrations
APPROVED

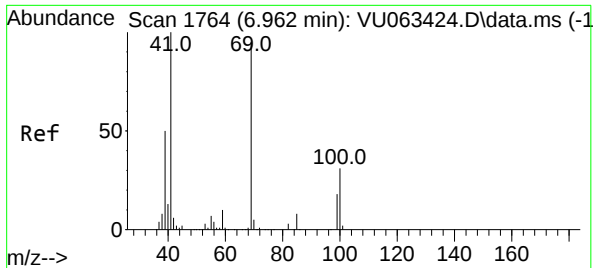
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#46
t-1,4-Dichloro-2-butene
Concen: 2.213 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

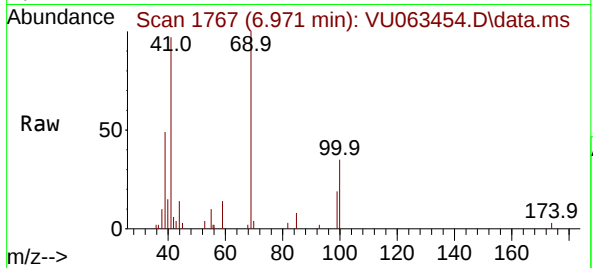
Tgt Ion: 75 Resp: 6270
Ion Ratio Lower Upper
75 100
53 63.9 61.4 92.2
89 35.0 39.2 58.8#
88 33.5 30.1 45.1





#47
Methyl methacrylate
Concen: 1.700 ug/l
RT: 6.971 min Scan# 1767
Delta R.T. 0.009 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

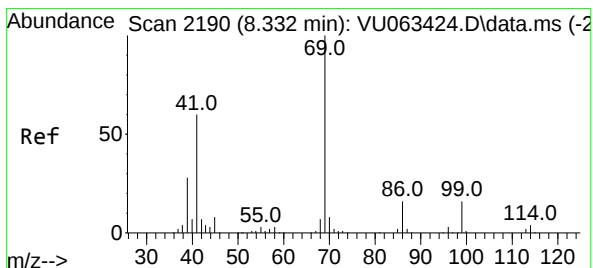
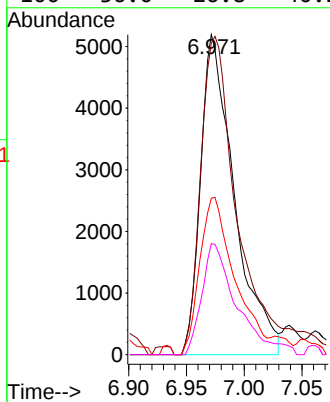
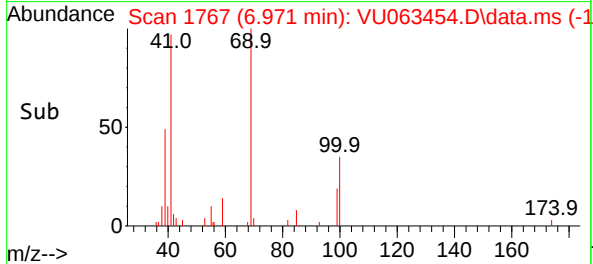
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 69 Resp: 10579
Ion Ratio Lower Upper
69 100
41 111.8 0.0 212.6
39 50.8 40.6 61.0
100 36.0 26.8 40.2

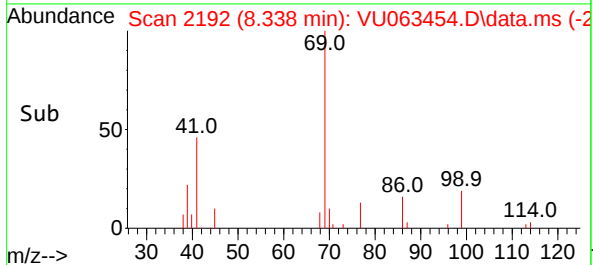
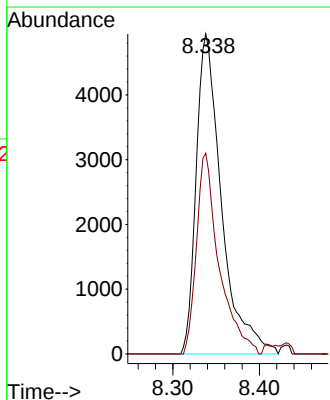
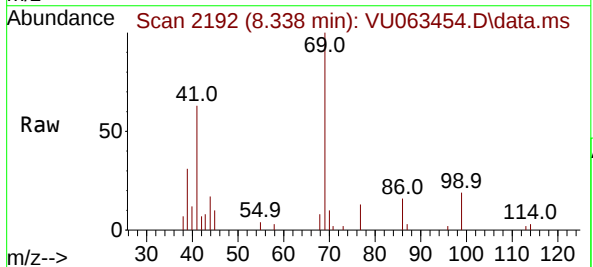
Manual Integrations
APPROVED

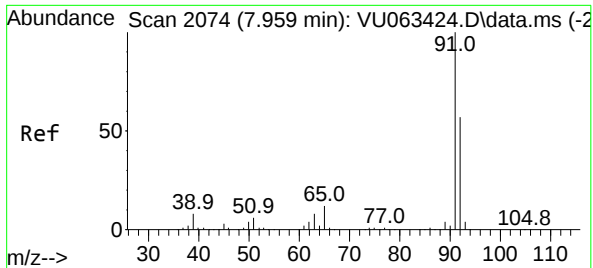
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#48
Ethyl methacrylate
Concen: 0.900 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 69 Resp: 10029
Ion Ratio Lower Upper
69 100
41 55.9 30.6 92.0





#49

Toluene

Concen: 0.917 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

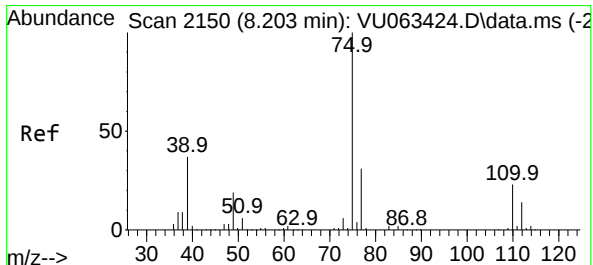
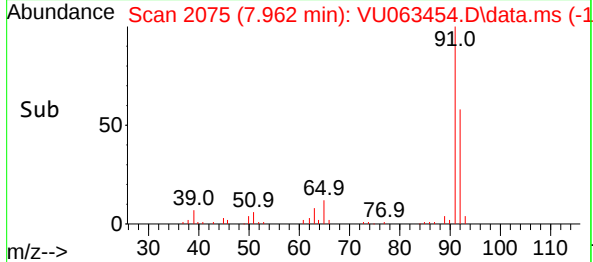
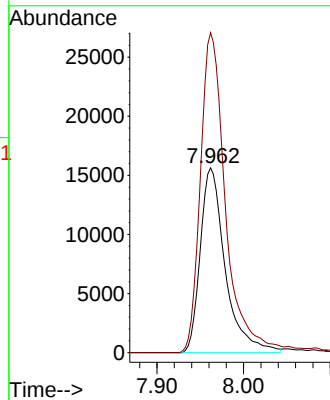
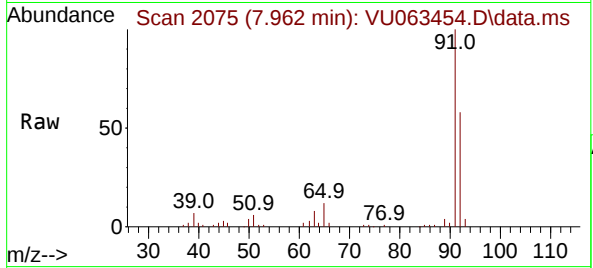
LOQ-WATER-02-QT2-2025

Tgt Ion: 92 Resp: 3131
 Ion Ratio Lower Upper
 92 100
 91 175.9 142.0 213.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#50

t-1,3-Dichloropropene

Concen: 0.912 ug/l

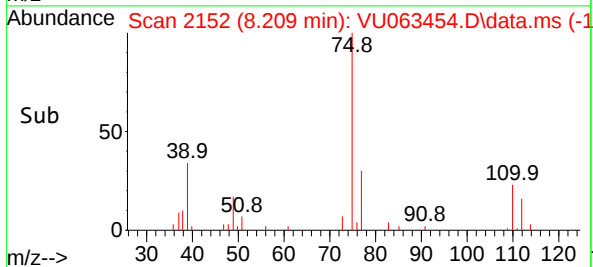
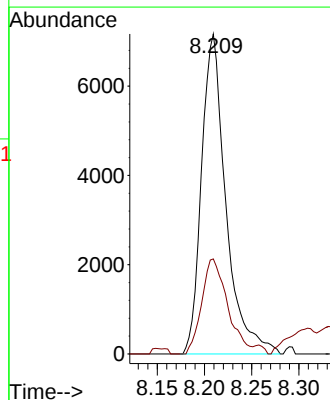
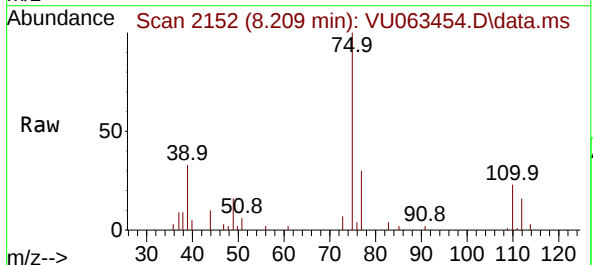
RT: 8.209 min Scan# 2152

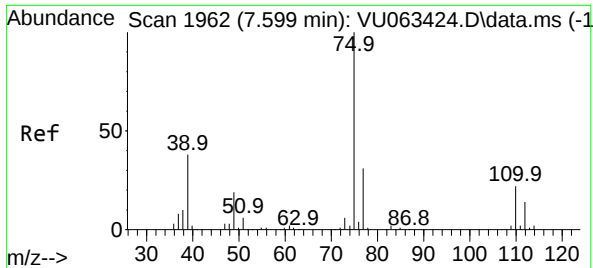
Delta R.T. 0.006 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Tgt Ion: 75 Resp: 12870
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.5 36.7





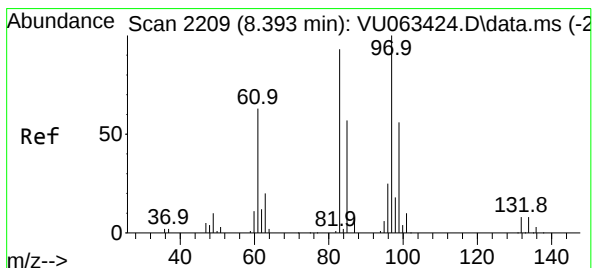
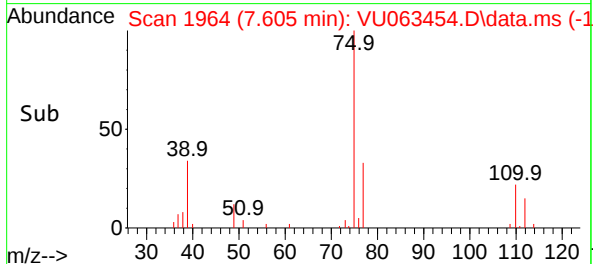
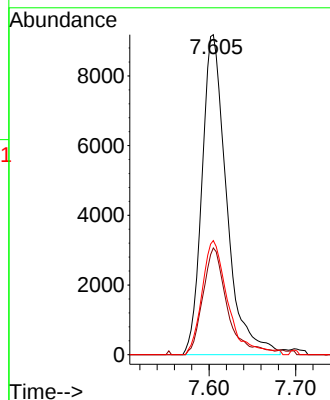
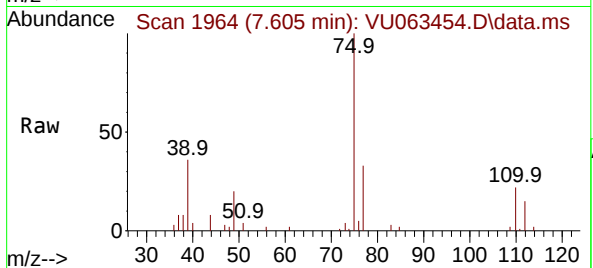
#51
 cis-1,3-Dichloropropene
 Concen: 0.957 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Tgt Ion: 75 Resp: 1813
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.8 37.2
 39 35.6 30.7 46.1

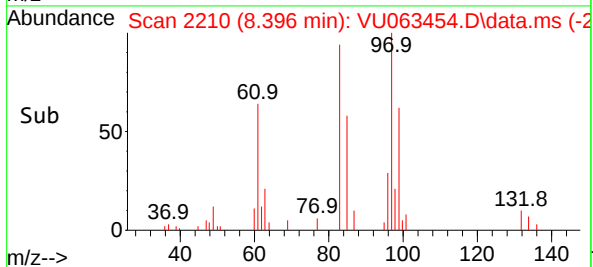
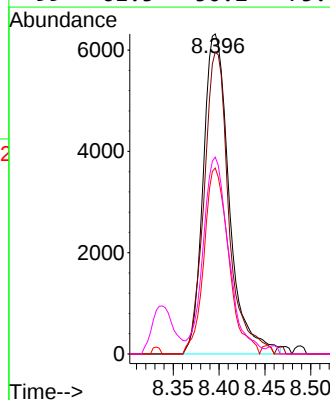
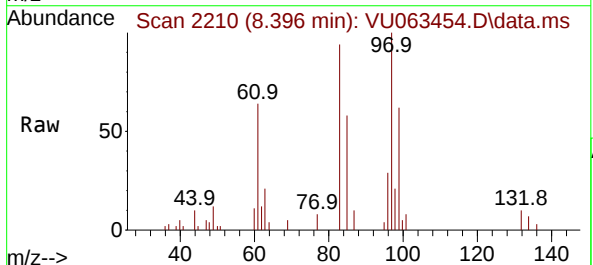
Manual Integrations
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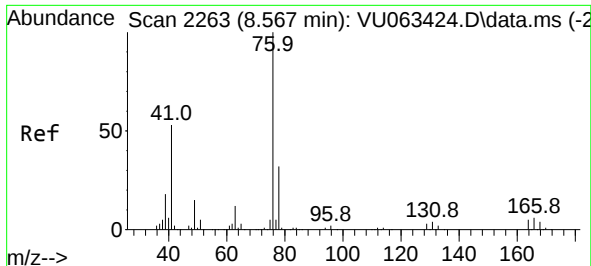
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#52
 1,1,2-Trichloroethane
 Concen: 1.064 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

Tgt Ion: 97 Resp: 12487
 Ion Ratio Lower Upper
 97 100
 83 94.3 74.1 111.1
 85 58.1 45.8 68.8
 99 61.5 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.982 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 19830

Ion Ratio Lower Upper

76 100

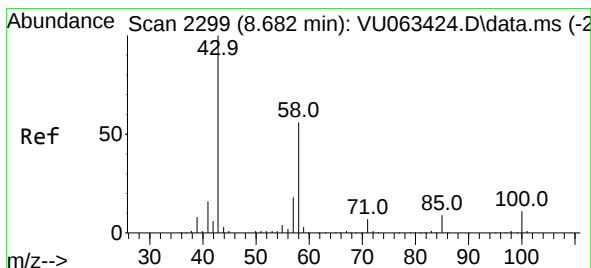
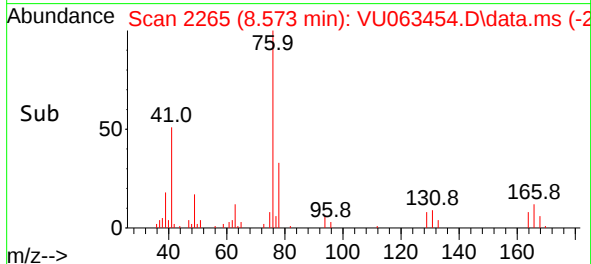
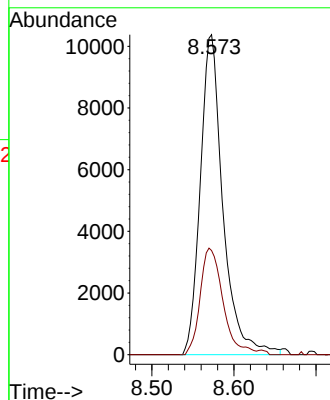
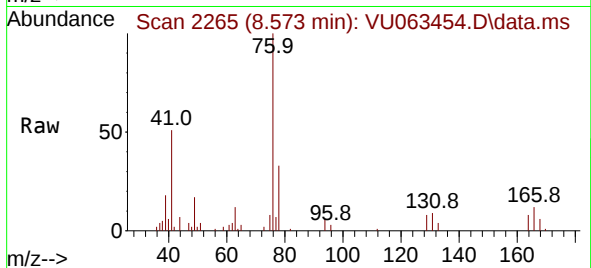
78 33.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#54

2-Hexanone

Concen: 4.137 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.013 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

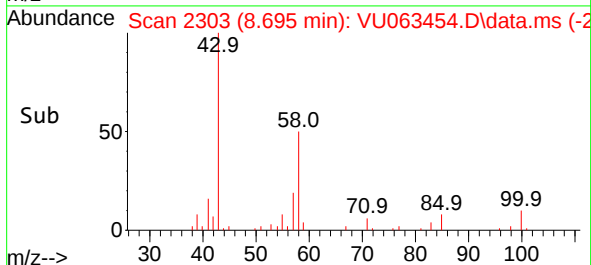
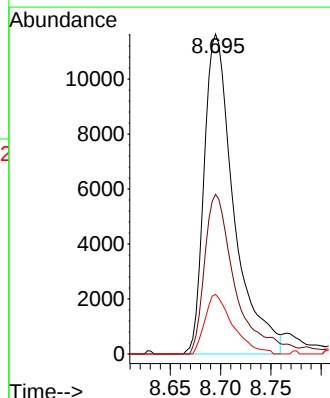
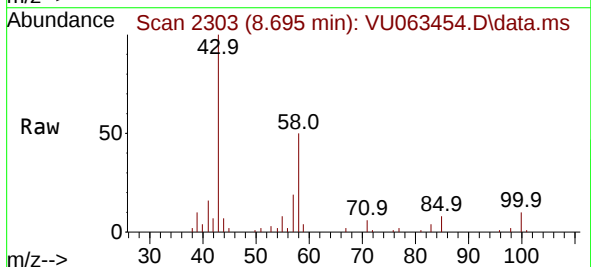
Tgt Ion: 43 Resp: 23923

Ion Ratio Lower Upper

43 100

58 51.6 36.9 76.9

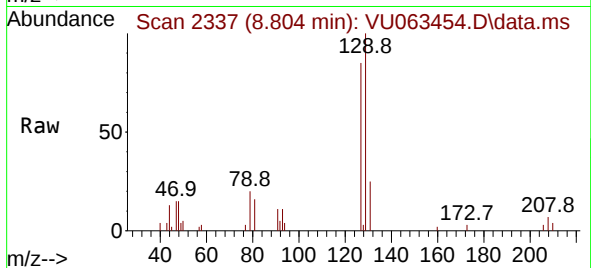
57 17.5 0.0 38.8





#55
Dibromochloromethane
Concen: 0.970 ug/l
RT: 8.804 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

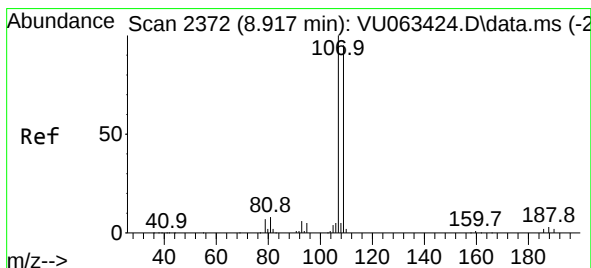
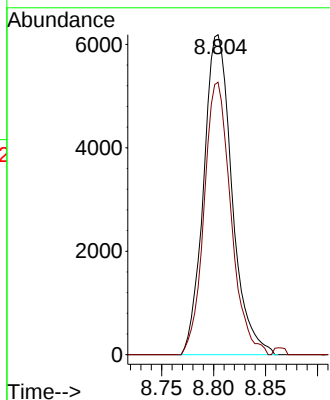
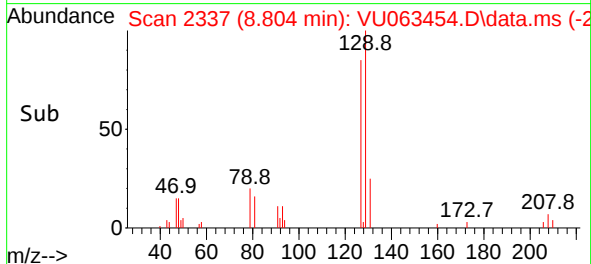
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:129 Resp: 11748
Ion Ratio Lower Upper
129 100
127 80.5 62.6 93.8

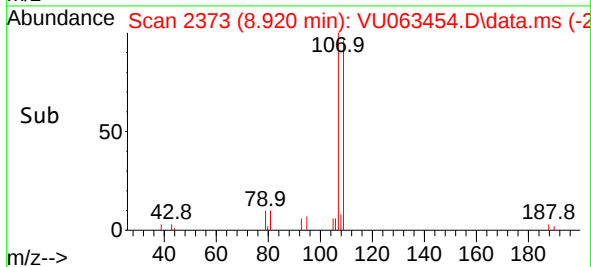
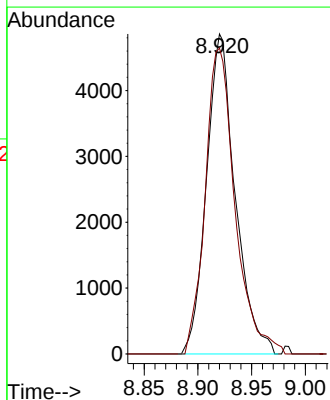
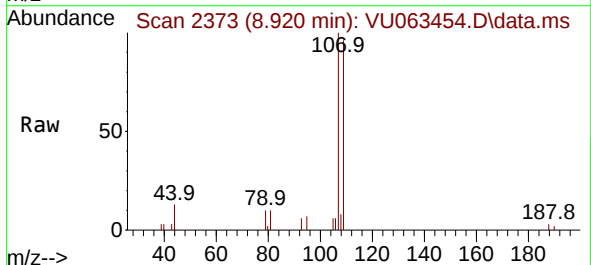
Manual Integrations
APPROVED

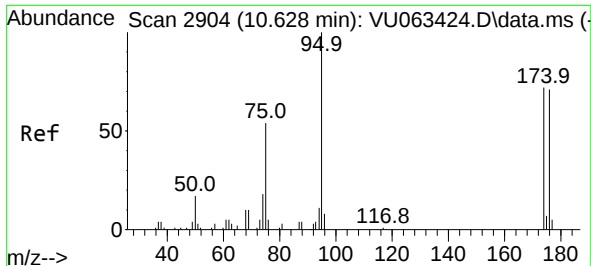
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#56
1,2-Dibromoethane
Concen: 0.950 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

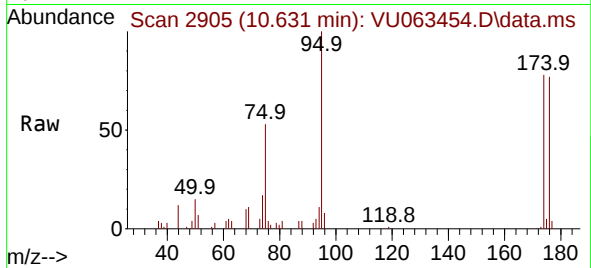
Tgt Ion:107 Resp: 9041
Ion Ratio Lower Upper
107 100
109 99.1 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.884 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.002 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

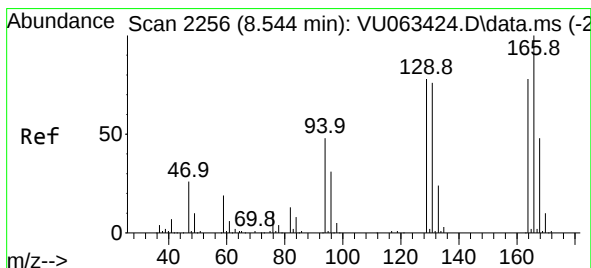
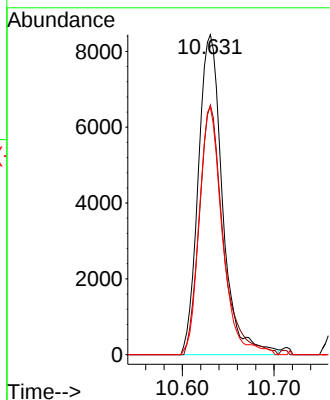
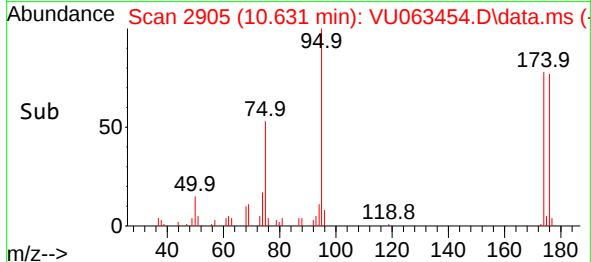
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 95 Resp: 15500
Ion Ratio Lower Upper
95 100
174 76.5 59.4 89.2
176 73.7 57.8 86.6

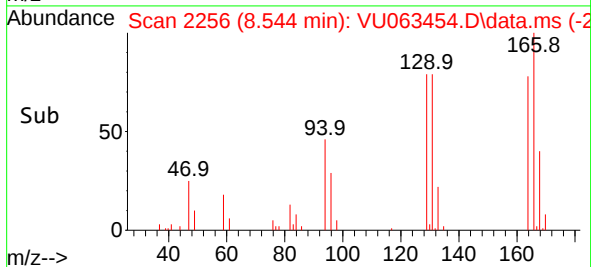
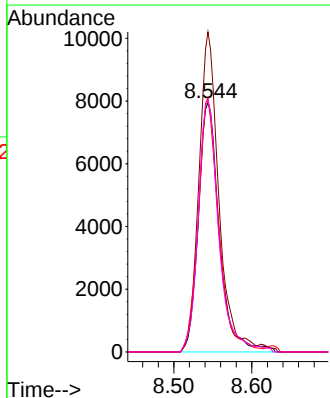
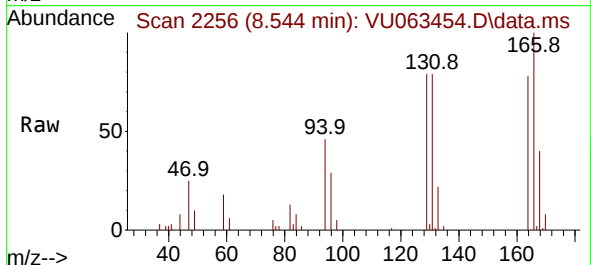
Manual Integrations
APPROVED

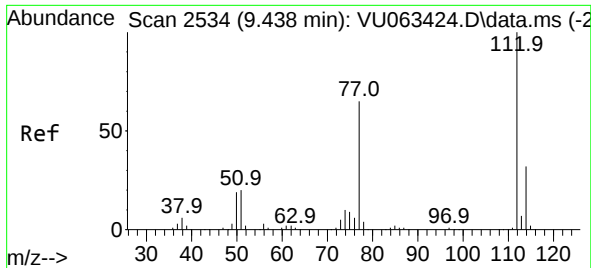
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#58
Tetrachloroethene
Concen: 1.027 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

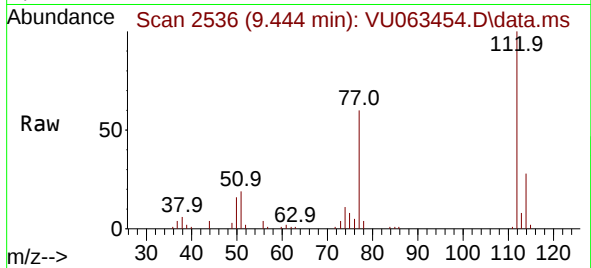
Tgt Ion:164 Resp: 14810
Ion Ratio Lower Upper
164 100
166 128.4 102.8 154.2
129 101.9 80.2 120.2
131 101.0 77.9 116.9





#59
Chlorobenzene
Concen: 0.958 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

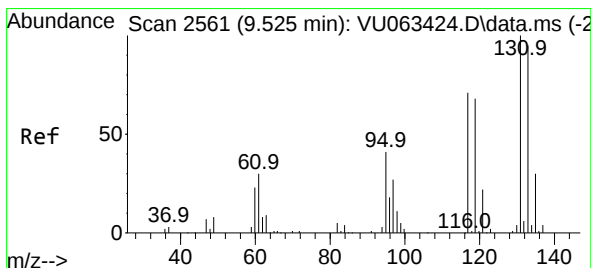
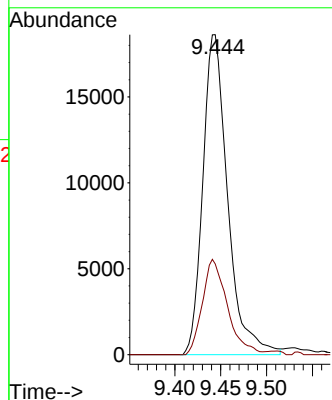
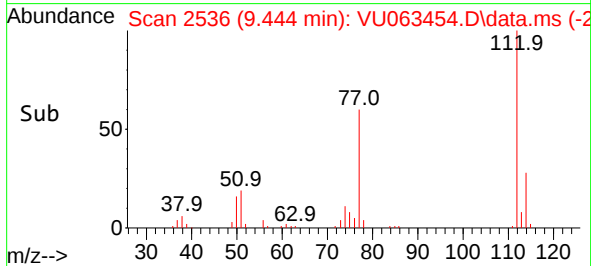
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



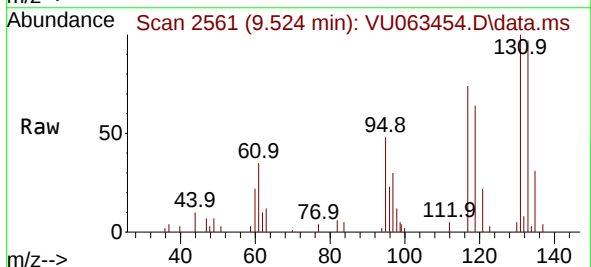
Tgt Ion:112 Resp: 35039
Ion Ratio Lower Upper
112 100
114 28.4 25.7 38.5

Manual Integrations
APPROVED

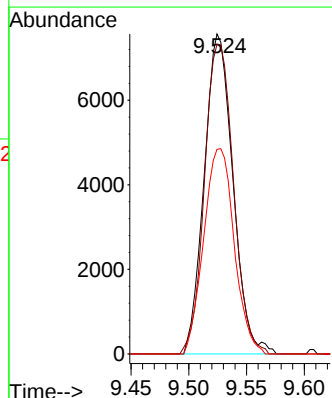
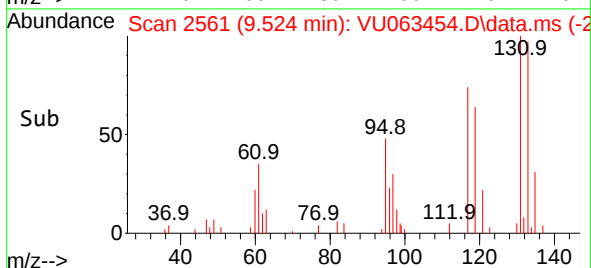
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

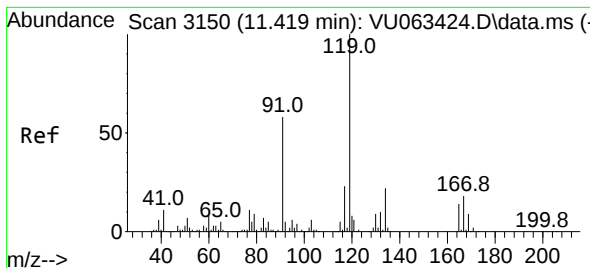


#60
1,1,1,2-Tetrachloroethane
Concen: 0.993 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31



Tgt Ion:131 Resp: 13075
Ion Ratio Lower Upper
131 100
133 97.9 76.1 114.1
119 68.2 53.7 80.5





#61

Pentachloroethane

Concen: 1.019 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. -0.001 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:117 Resp: 10934

Ion Ratio Lower Upper

117 100

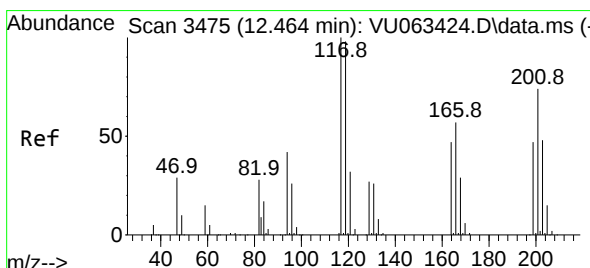
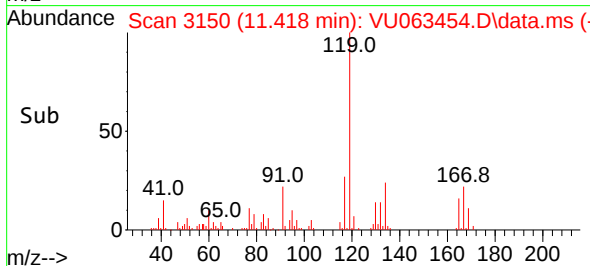
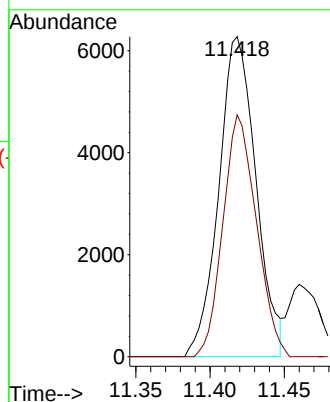
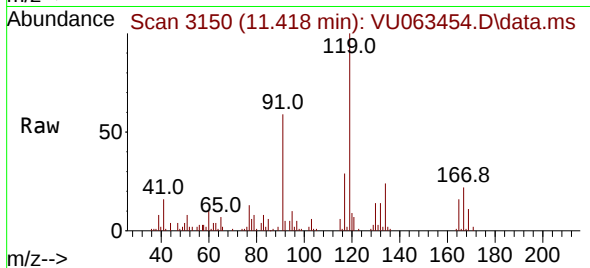
167 68.0 58.1 87.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#62

Hexachloroethane

Concen: 0.991 ug/l

RT: 12.463 min Scan# 3475

Delta R.T. -0.000 min

Lab File: VU063454.D

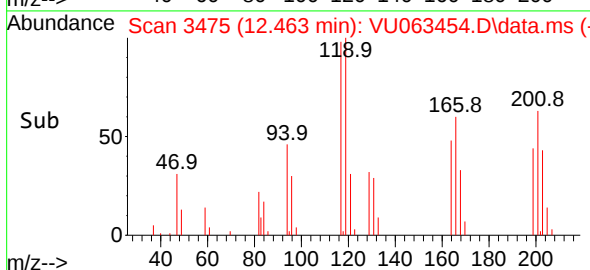
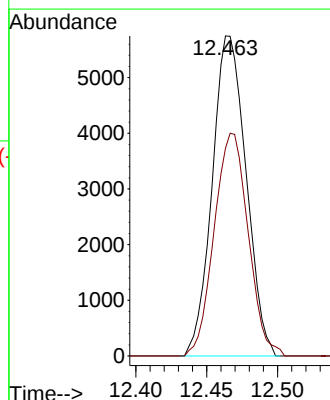
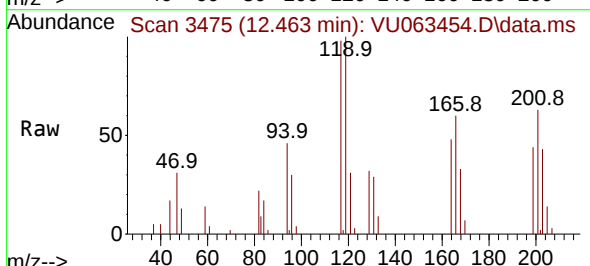
Acq: 25 Jun 2025 12:31

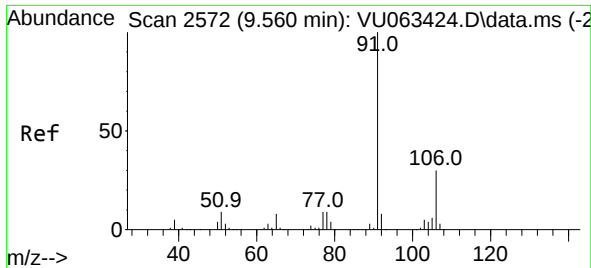
Tgt Ion:117 Resp: 9561

Ion Ratio Lower Upper

117 100

201 69.9 60.4 90.6





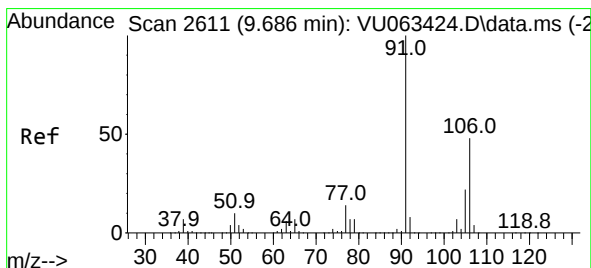
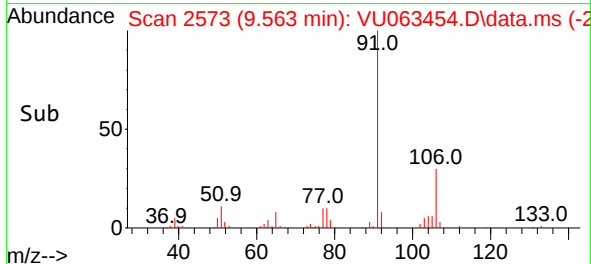
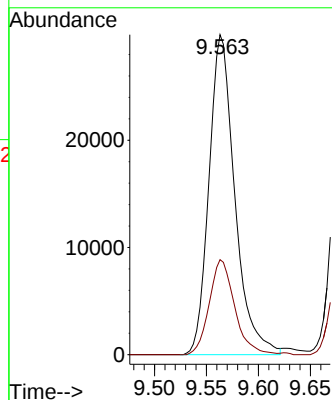
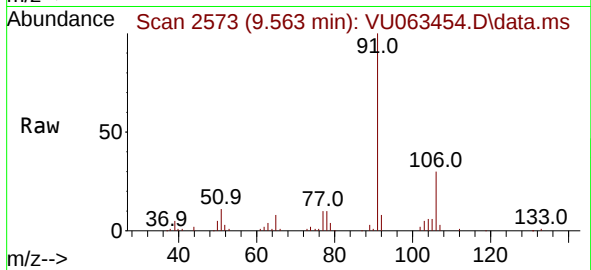
#63
Ethyl Benzene
Concen: 0.880 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 91 Resp: 5161
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

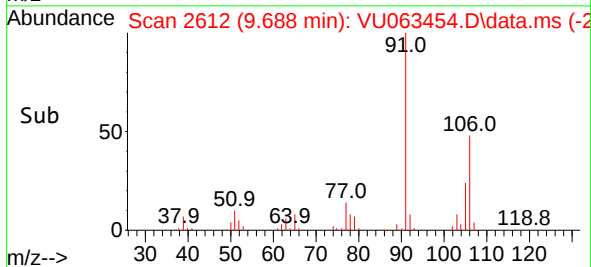
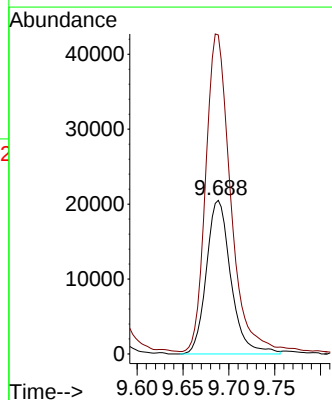
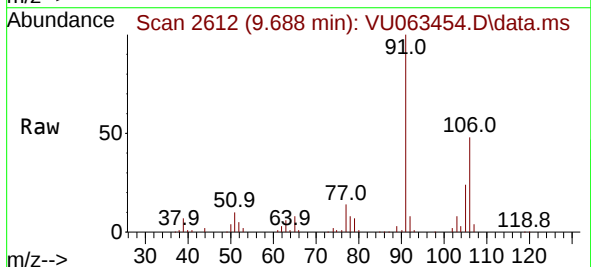
Manual Integrations
APPROVED

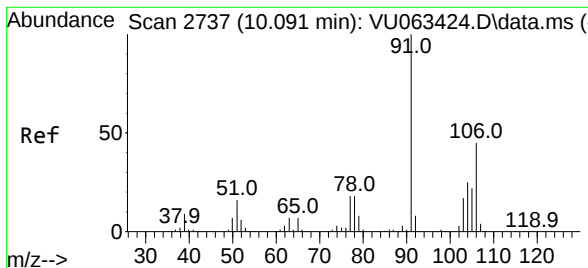
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#64
m/p-Xylenes
Concen: 1.670 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:106 Resp: 38201
Ion Ratio Lower Upper
106 100
91 208.8 169.9 254.9





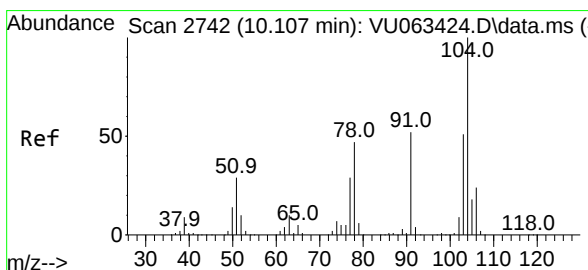
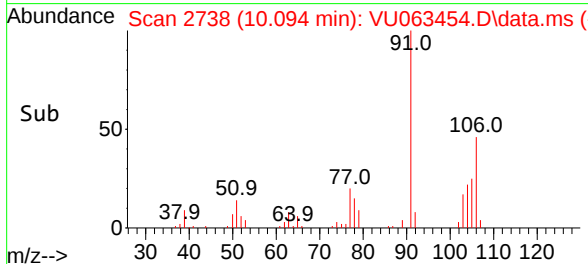
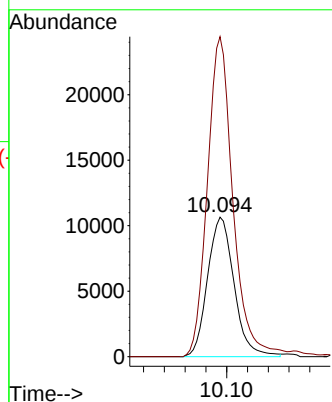
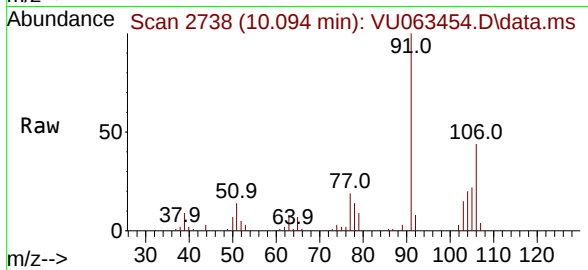
#65
o-Xylene
Concen: 0.846 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion:106 Resp: 1885
Ion Ratio Lower Upper
106 100
91 220.8 110.8 332.3

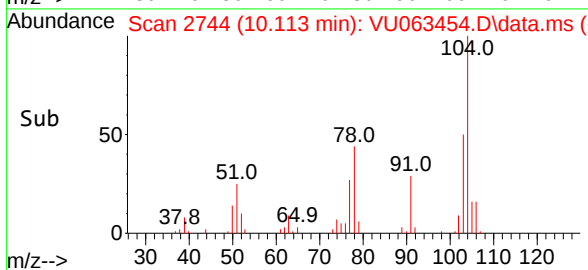
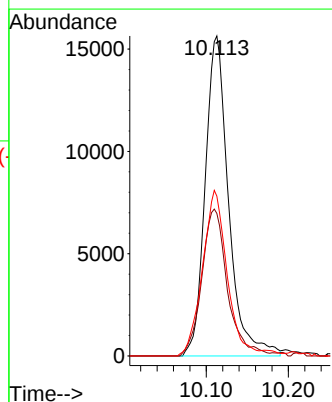
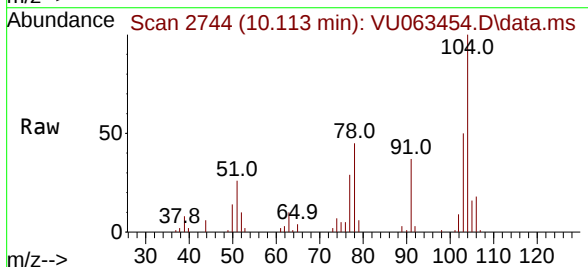
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#66
Styrene
Concen: 0.856 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:104 Resp: 31047
Ion Ratio Lower Upper
104 100
78 50.1 41.6 62.4
103 54.1 44.6 67.0





#67

Bromoform

Concen: 0.967 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063454.D

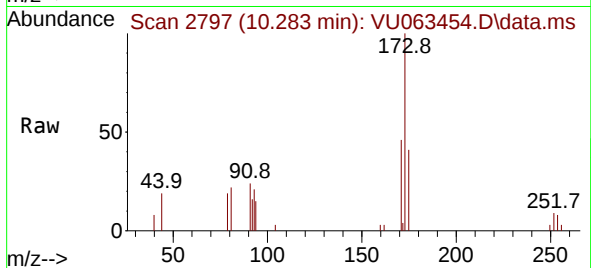
Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

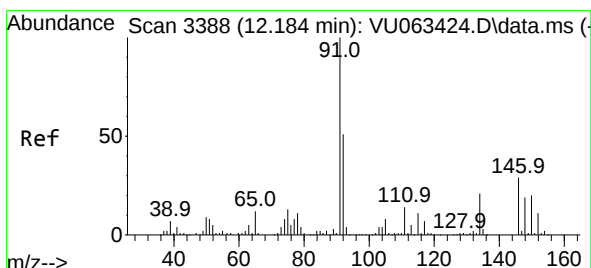
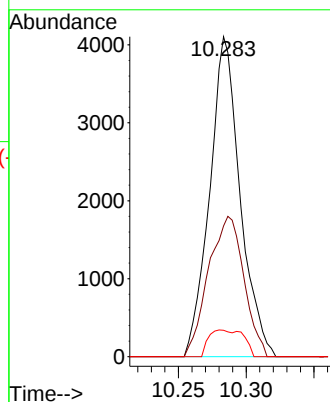
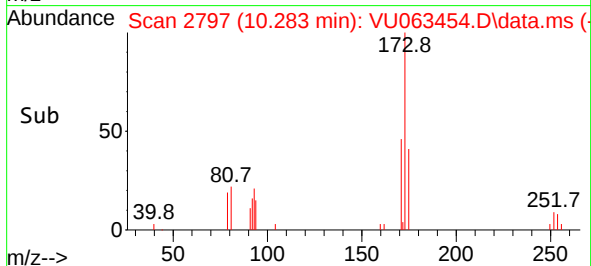


Tgt Ion:	173	Resp:	6399
Ion Ratio	Lower	Upper	
173	100		
175	51.1	38.2	57.2
254	9.5	7.6	11.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.944 ug/l

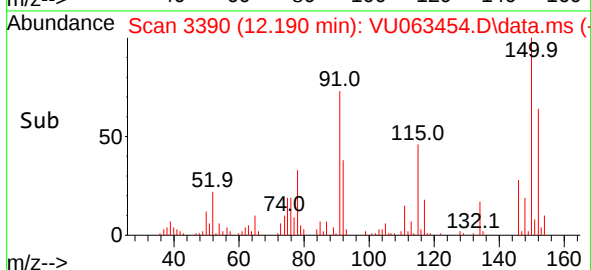
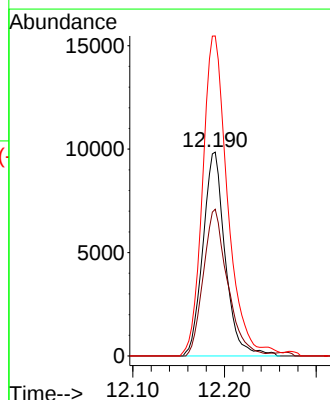
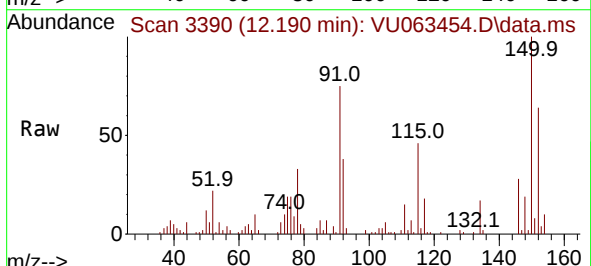
RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

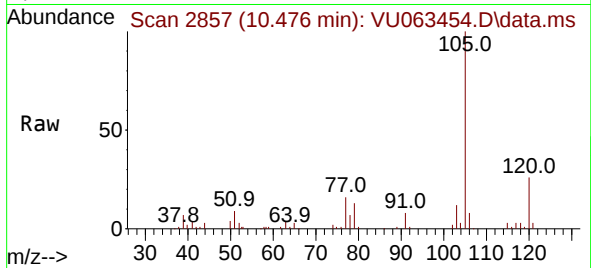
Tgt Ion:	152	Resp:	16620
Ion Ratio	Lower	Upper	
152	100		
115	78.4	0.0	327.6
150	177.3	0.0	664.4





#69
Isopropylbenzene
Concen: 0.863 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

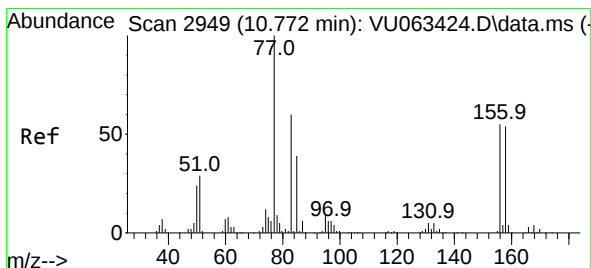
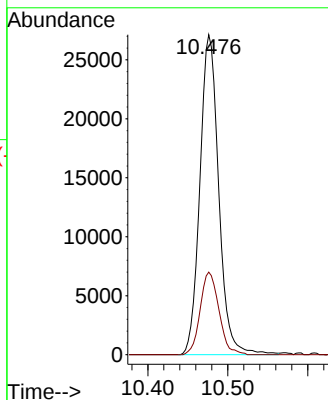
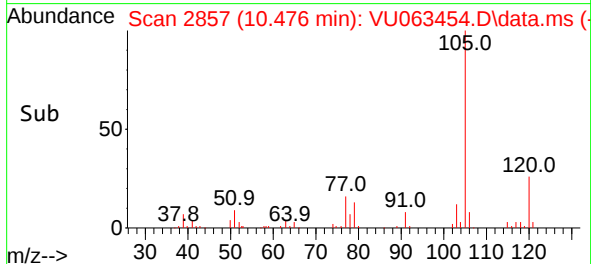
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



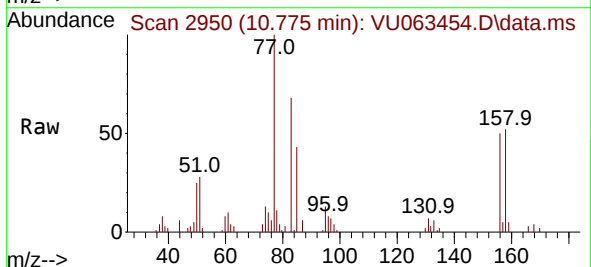
Tgt Ion:105 Resp: 4454
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.1

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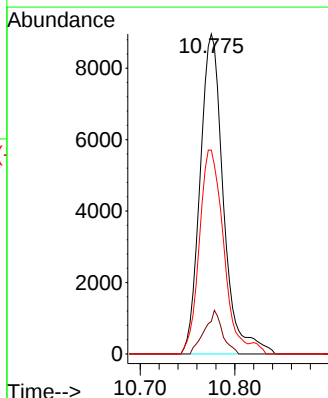
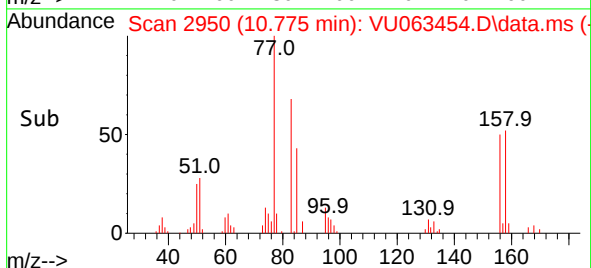
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

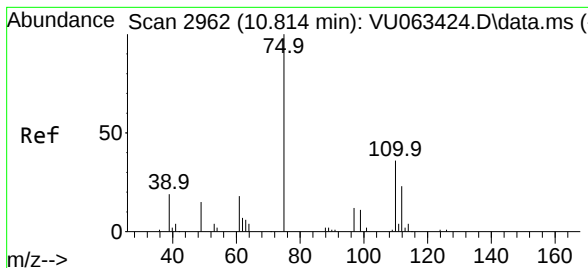


#70
1,1,2,2-Tetrachloroethane
Concen: 1.022 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31



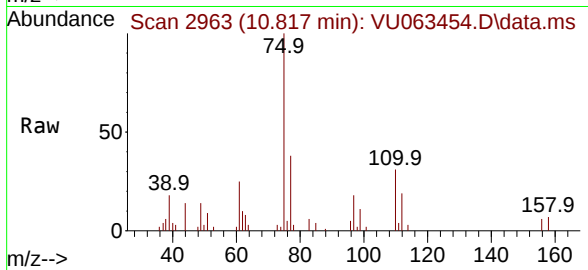
Tgt Ion: 83 Resp: 15342
Ion Ratio Lower Upper
83 100
131 10.4 7.4 11.0
85 65.5 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 1.049 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

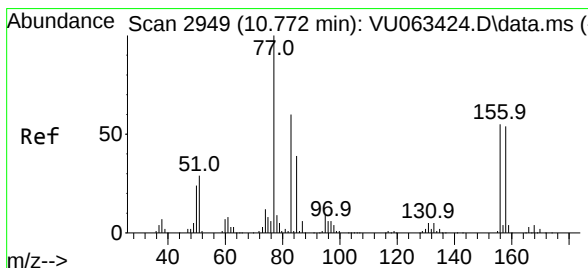
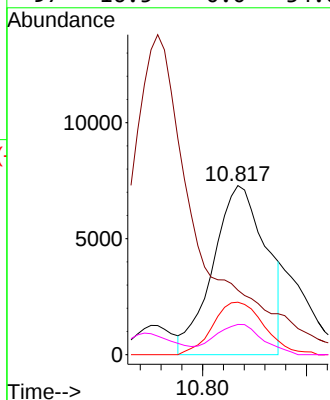
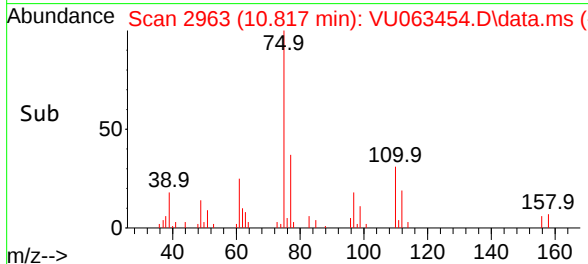
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



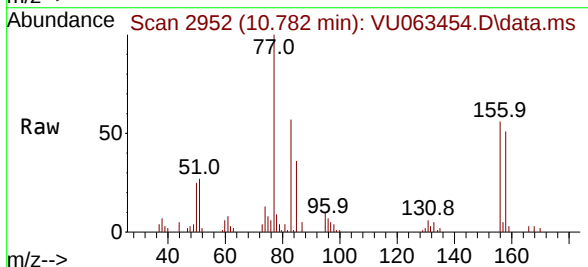
Tgt Ion: 75 Resp: 1285
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 30.4 0.0 63.4
97 16.5 0.0 34.0

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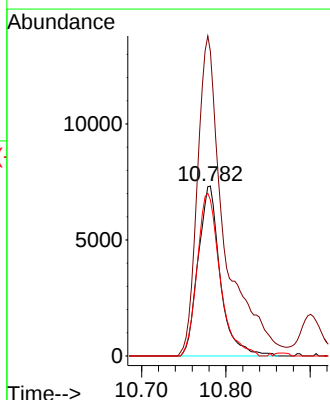
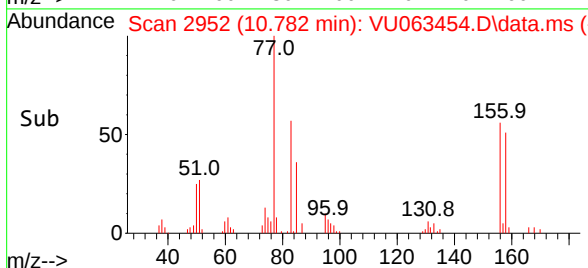
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

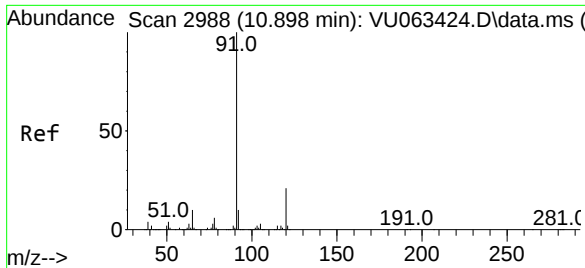


#72
Bromobenzene
Concen: 0.926 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31



Tgt Ion:156 Resp: 13414
Ion Ratio Lower Upper
156 100
77 229.4 0.0 416.2
158 98.6 0.0 190.6





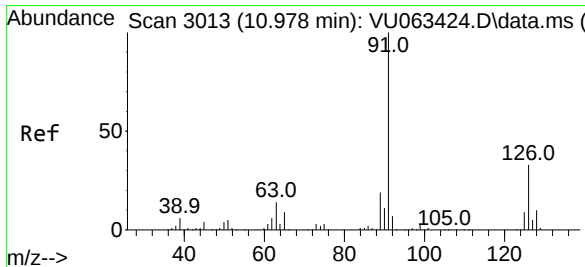
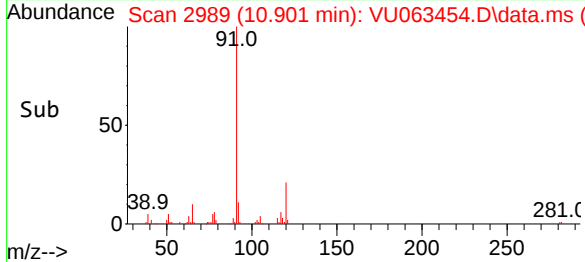
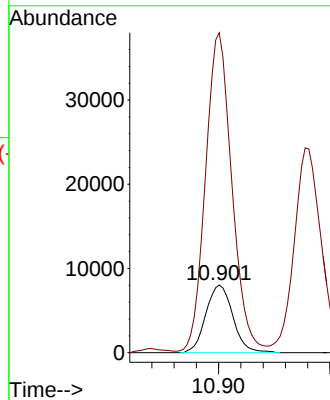
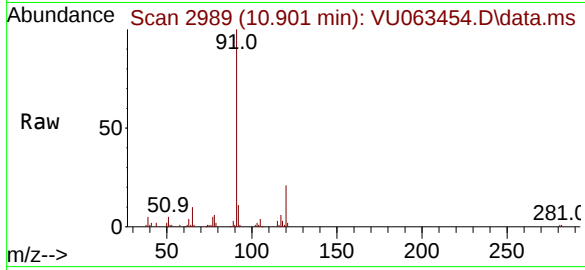
#73
n-propylbenzene
Concen: 0.863 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion:120 Resp: 13510
Ion Ratio Lower Upper
120 100
91 457.7 373.7 560.5

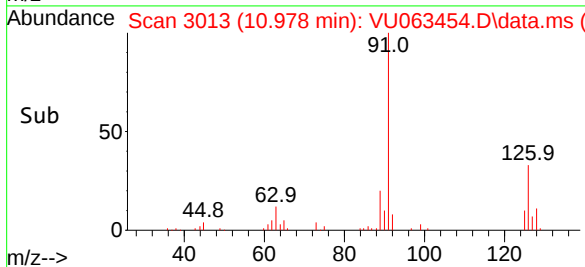
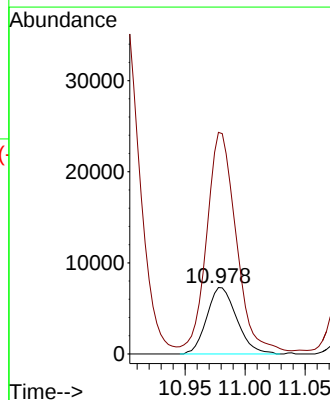
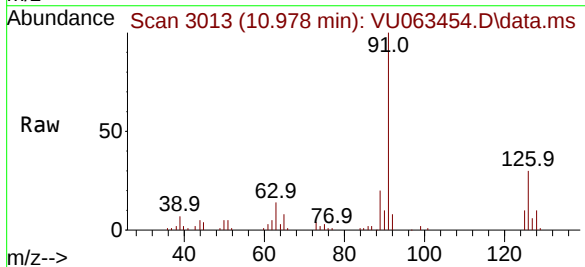
Manual Integrations
APPROVED

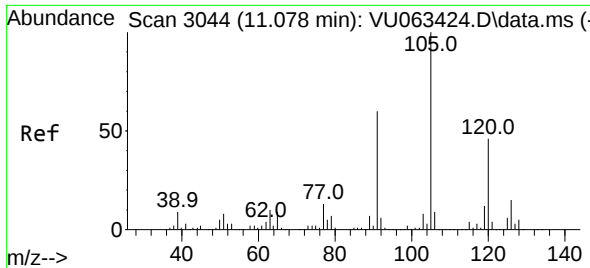
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#74
2-Chlorotoluene
Concen: 0.881 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

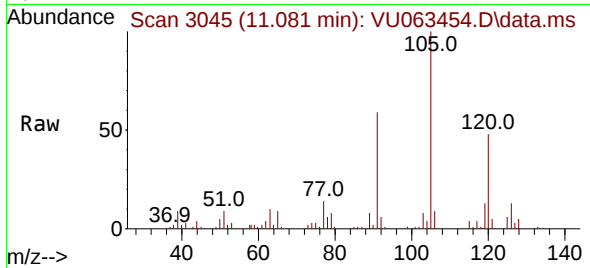
Tgt Ion:126 Resp: 12620
Ion Ratio Lower Upper
126 100
91 323.3 0.0 650.8





#75
1,3,5-Trimethylbenzene
Concen: 0.839 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

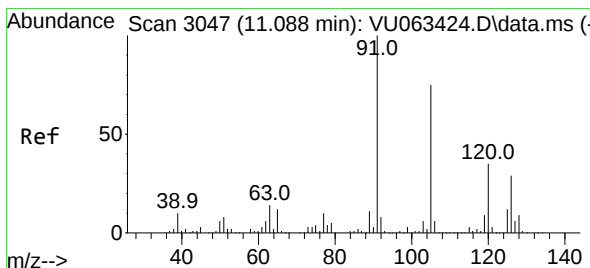
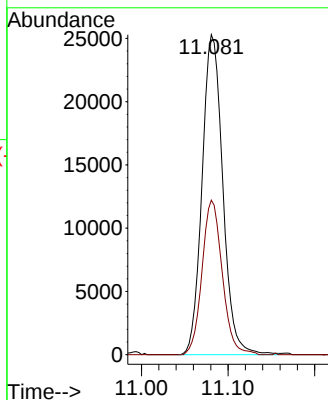
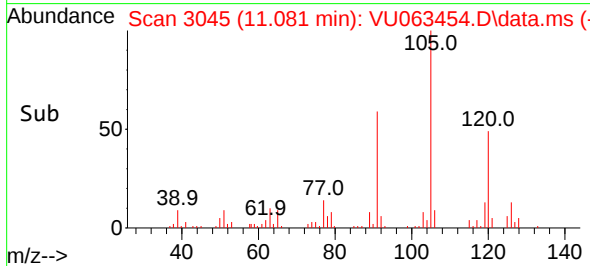
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



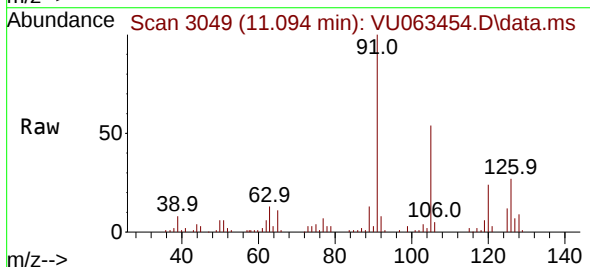
Tgt Ion:105 Resp: 4210
Ion Ratio Lower Upper
105 100
120 47.1 37.0 55.4

Manual Integrations
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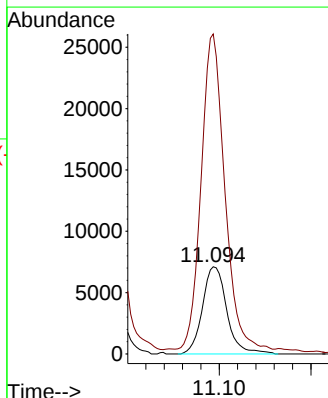
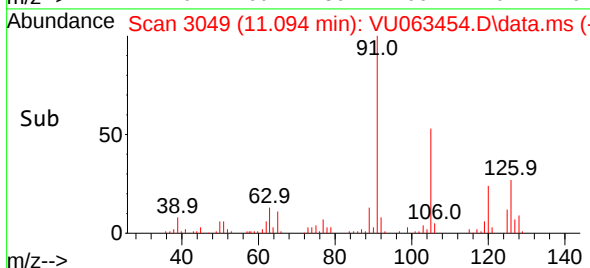
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

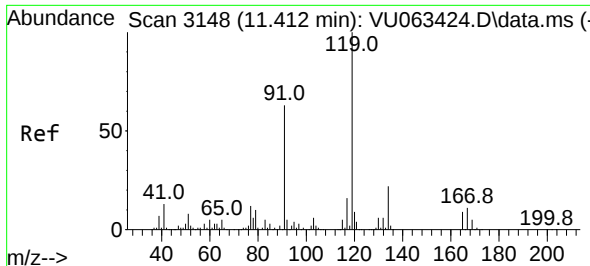


#76
4-Chlorotoluene
Concen: 0.873 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31



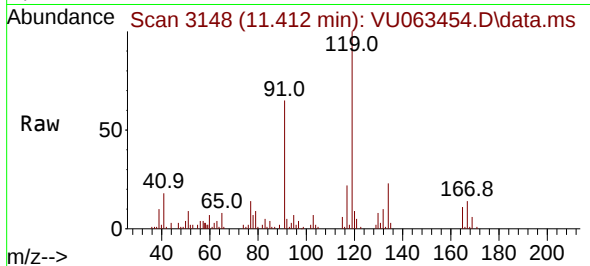
Tgt Ion:126 Resp: 13088
Ion Ratio Lower Upper
126 100
91 349.1 0.0 713.2





#77
tert-Butylbenzene
Concen: 0.881 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

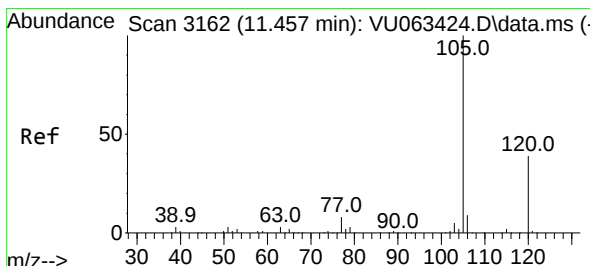
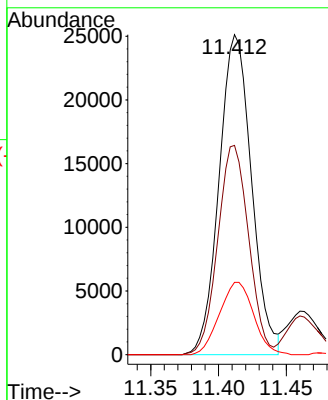
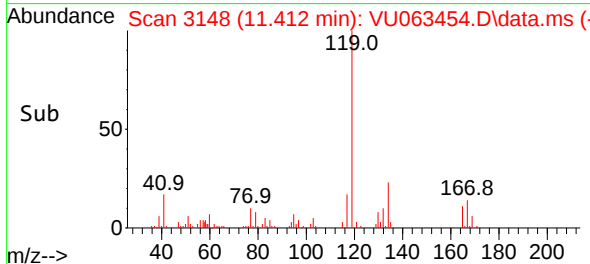
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



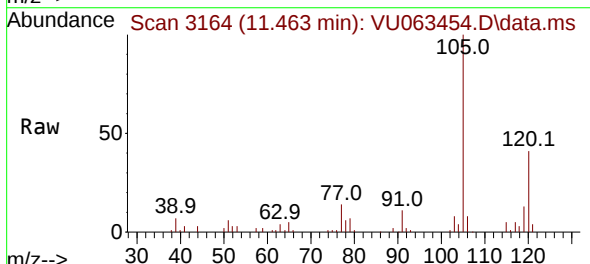
Tgt Ion:119 Resp: 41793
Ion Ratio Lower Upper
119 100
91 62.3 30.9 92.7
134 23.8 17.9 26.9

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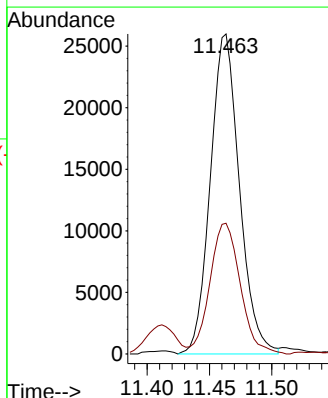
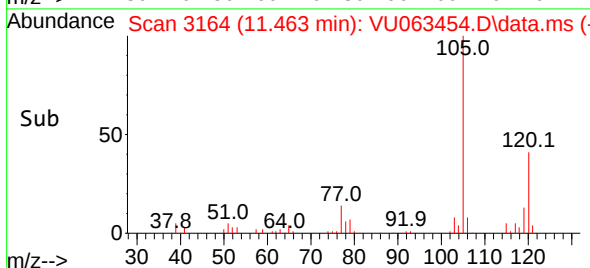
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

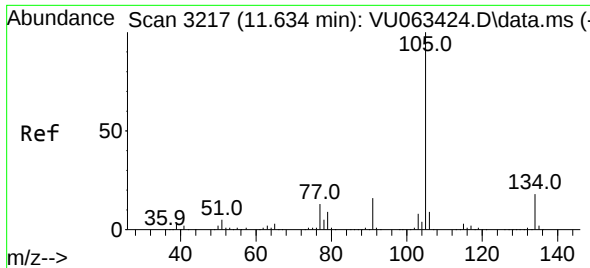


#78
1,2,4-Trimethylbenzene
Concen: 0.836 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31



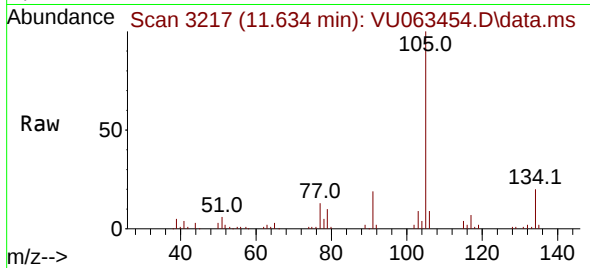
Tgt Ion:105 Resp: 42246
Ion Ratio Lower Upper
105 100
120 42.6 22.1 66.5





#79
 sec-Butylbenzene
 Concen: 0.876 ug/l
 RT: 11.634 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

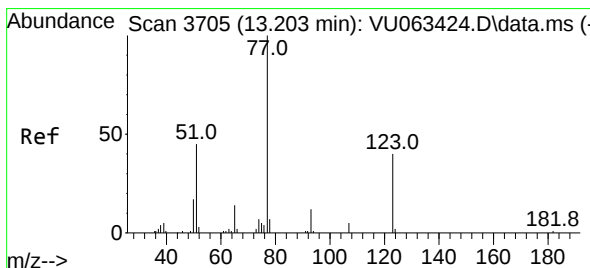
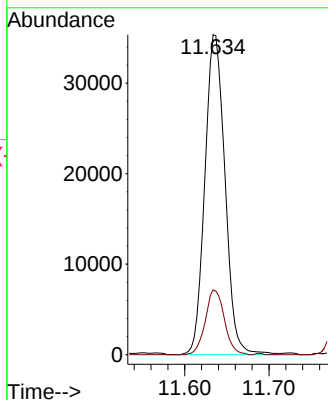
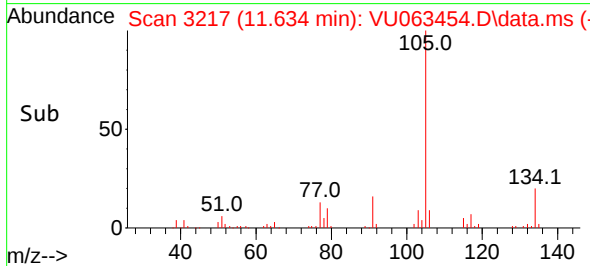
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion:105 Resp: 5883
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.8 22.2

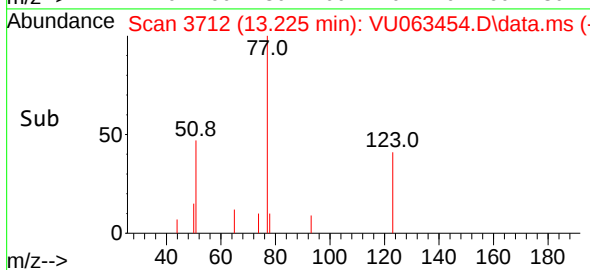
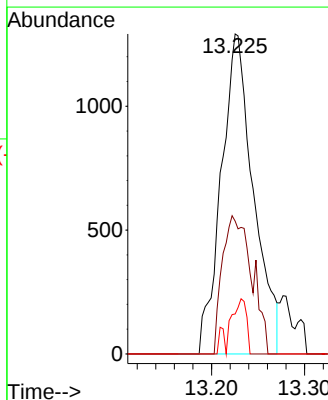
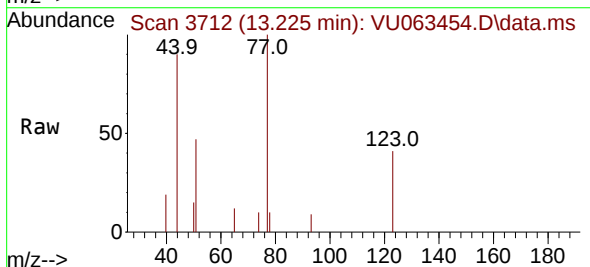
Manual Integrations
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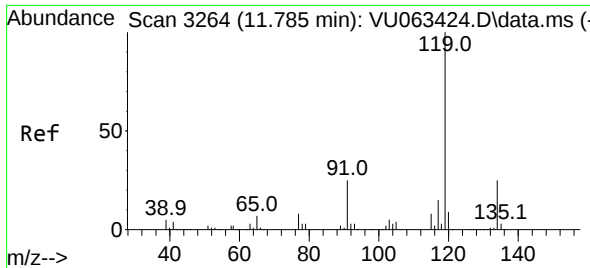
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#80
 Nitrobenzene
 Concen: 4.540 ug/l m
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

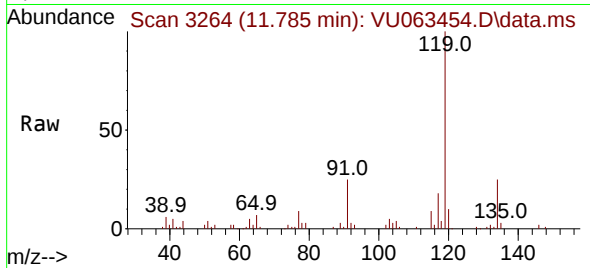
Tgt Ion: 77 Resp: 3106
 Ion Ratio Lower Upper
 77 100
 123 39.3 19.6 69.6
 65 7.6 10.6 13.4#





#81
p-Isopropyltoluene
Concen: 0.866 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

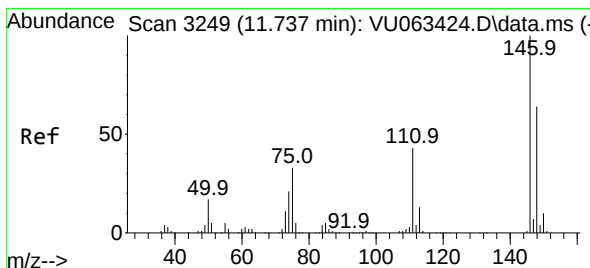
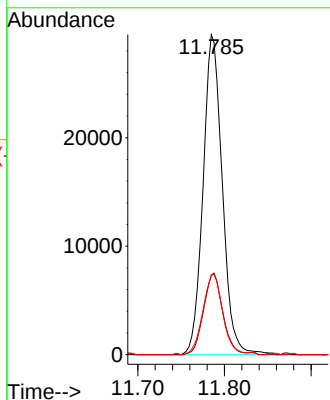
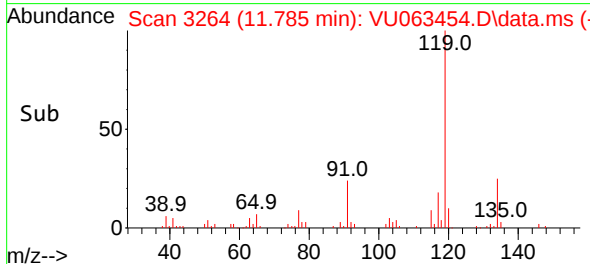
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



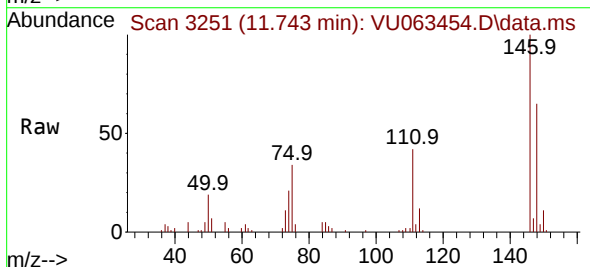
Tgt Ion:119 Resp: 45478
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 26.1 19.7 29.5

Manual Integrations
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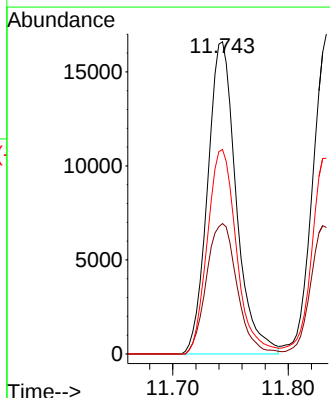
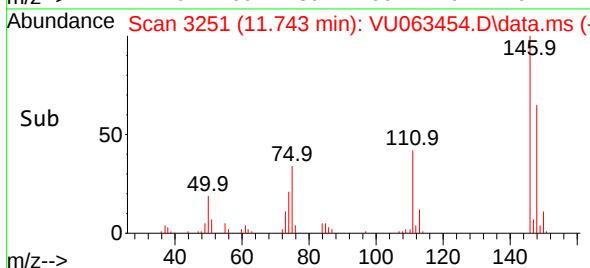
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

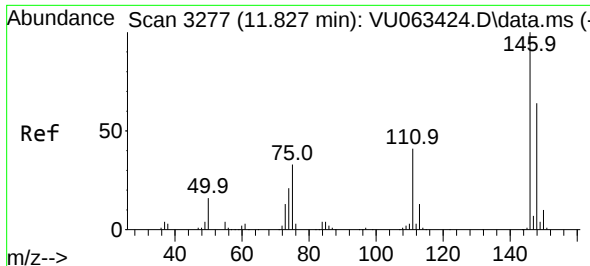


#82
1,3-Dichlorobenzene
Concen: 0.952 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31



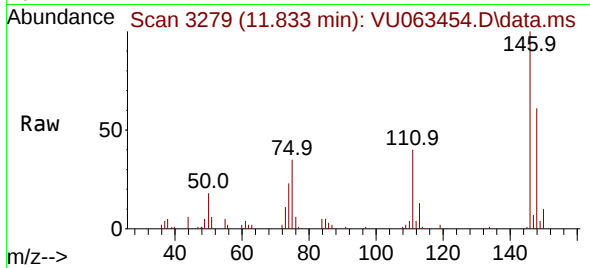
Tgt Ion:146 Resp: 28581
Ion Ratio Lower Upper
146 100
111 44.9 34.3 51.5
148 66.5 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.929 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

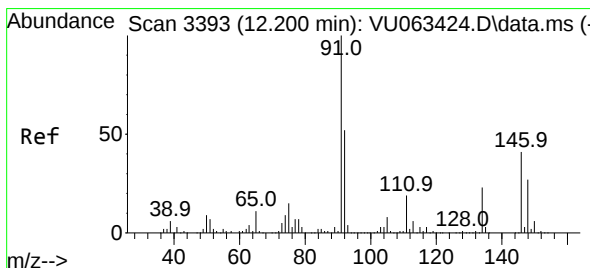
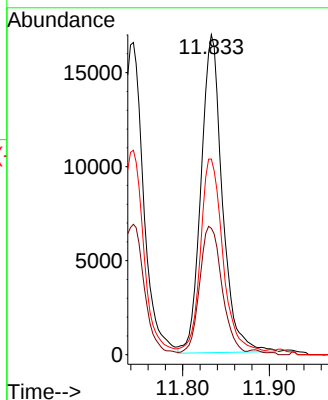
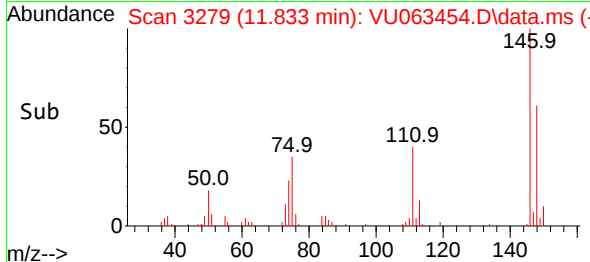
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:146 Resp: 28915
Ion Ratio Lower Upper
146 100
111 41.2 31.7 47.5
148 63.1 51.4 77.0

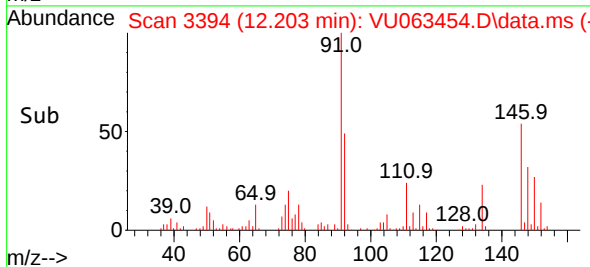
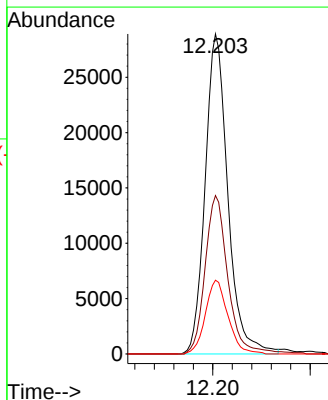
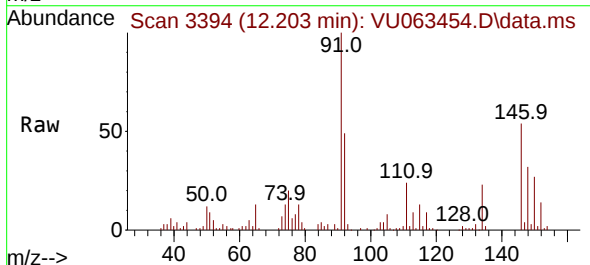
Manual Integrations
APPROVED

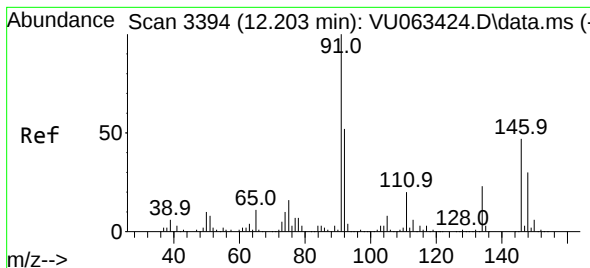
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#84
n-Butylbenzene
Concen: 0.851 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 91 Resp: 46765
Ion Ratio Lower Upper
91 100
92 49.8 41.0 61.6
134 22.9 18.5 27.7





#85

1,2-Dichlorobenzene

Concen: 0.972 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

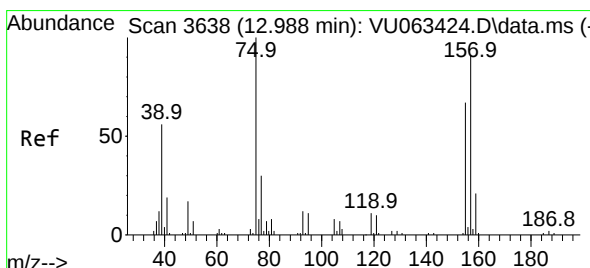
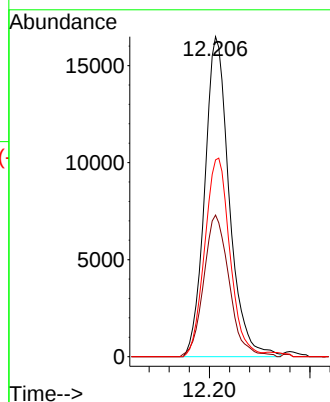
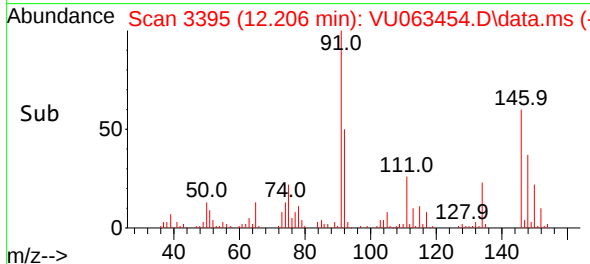
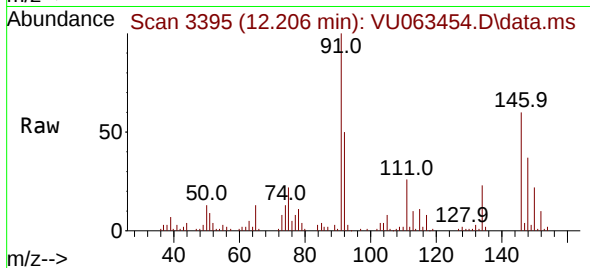
LOQ-WATER-02-QT2-2025

Tgt Ion:	146	Resp:	2791
Ion Ratio	Lower	Upper	
146	100		
111	45.9	21.8	65.4
148	63.9	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.982 ug/l

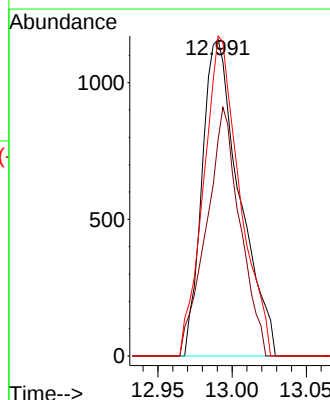
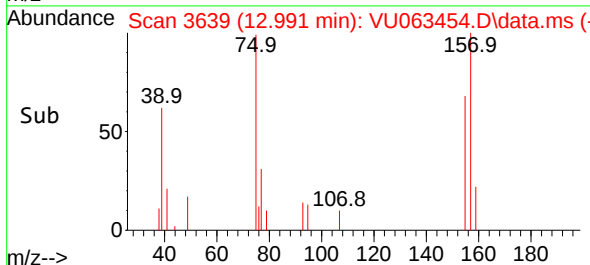
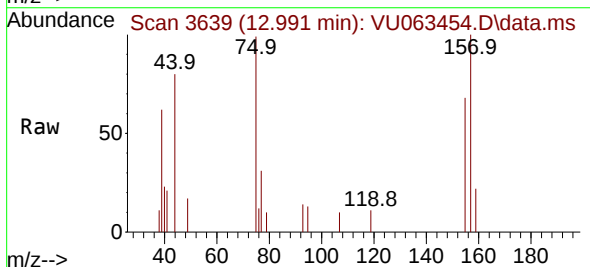
RT: 12.991 min Scan# 3639

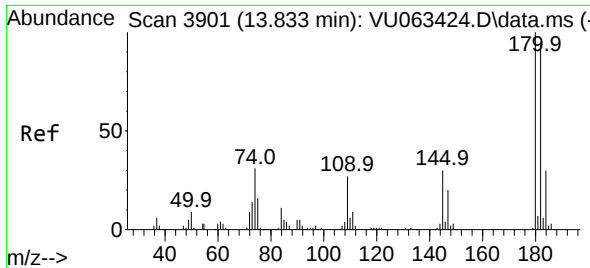
Delta R.T. 0.003 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

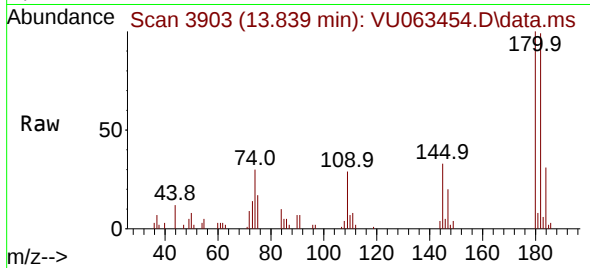
Tgt Ion:	75	Resp:	2026
Ion Ratio	Lower	Upper	
75	100		
155	70.6	59.7	89.5
157	97.6	75.0	112.4





#87
1,2,4-Trichlorobenzene
Concen: 0.914 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

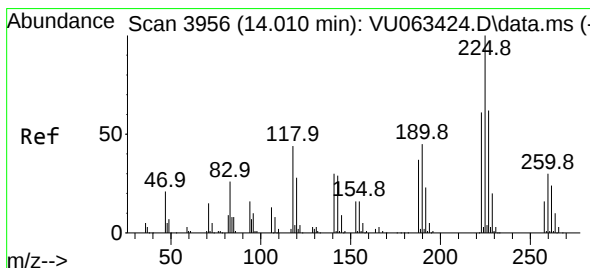
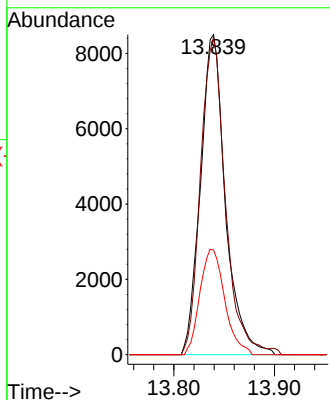
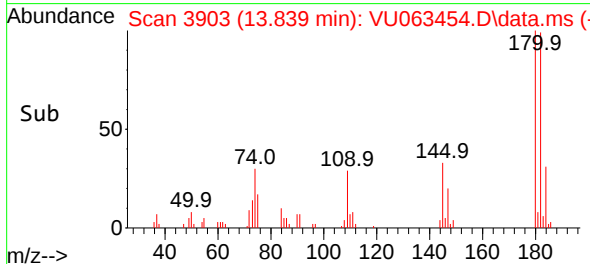
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:180 Resp: 1463
Ion Ratio Lower Upper
180 100
182 99.1 75.6 113.4
145 32.9 24.6 36.8

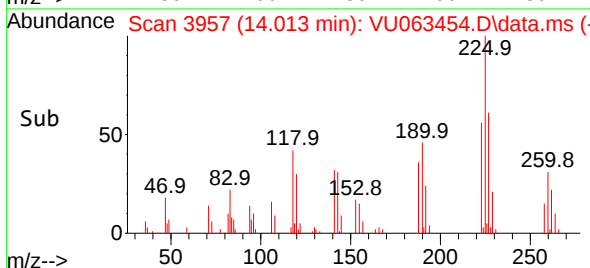
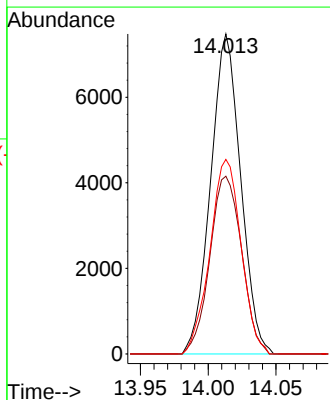
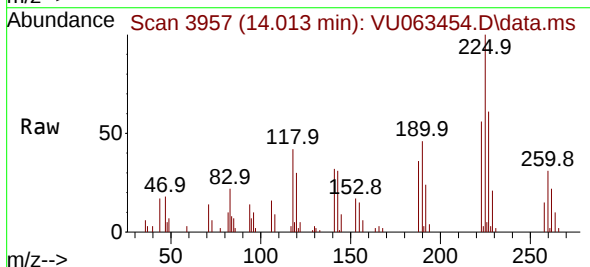
Manual Integrations
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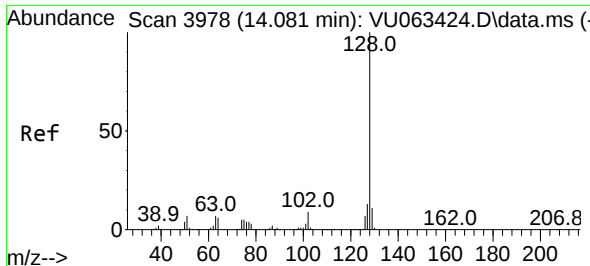
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#88
Hexachlorobutadiene
Concen: 1.015 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

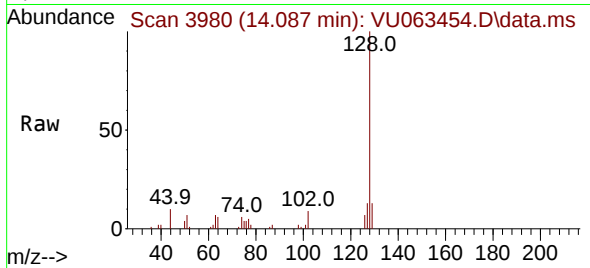
Tgt Ion:225 Resp: 11527
Ion Ratio Lower Upper
225 100
223 58.8 50.0 75.0
227 63.0 51.5 77.3





#89
Naphthalene
Concen: 0.891 ug/l
RT: 14.087 min Scan# 3978
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

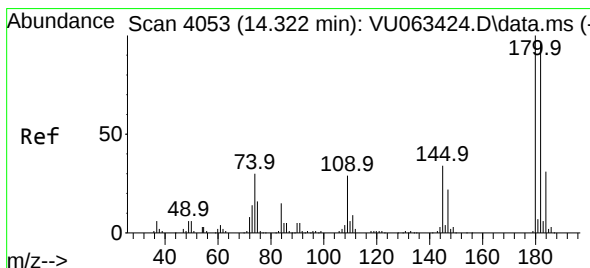
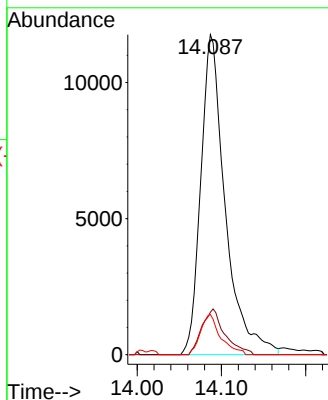
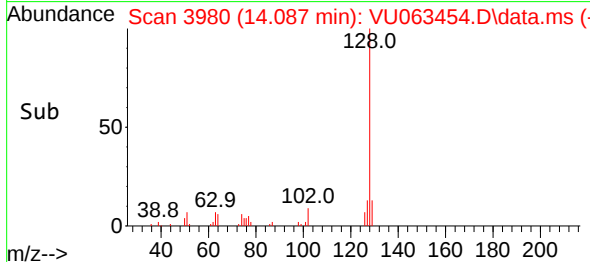
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:128 Resp: 23772
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#90
1,2,3-Trichlorobenzene
Concen: 0.899 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:180 Resp: 14322
Ion Ratio Lower Upper
180 100
182 94.0 76.7 115.1
145 29.9 27.4 41.2

