

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063443.D
 Acq On : 24 Jun 2025 17:54
 Operator : MD/SY
 Sample : Q2126-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 25 03:11:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:09:53 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

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

Internal Standards						
1) Fluorobenzene	6.103	96	45741	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	15334	0.913	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	16154	0.958	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	16733	0.952	ug/l	99
3) Chloromethane	1.518	50	19740	0.853	ug/l	97
4) Vinyl Chloride	1.599	62	16749	0.845	ug/l	99
5) Bromomethane	1.846	94	10279	1.083	ug/l	97
6) Chloroethane	1.923	64	9189	0.783	ug/l	92
7) Trichlorofluoromethane	2.126	101	20296	0.898	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	9656	0.802	ug/l #	89
9) 1,1-Dichloroethene	2.566	96	10420	0.868	ug/l	83
10) Iodomethane	2.708	142	7354	0.759	ug/l	91
11) Allyl Chloride	2.907	41	13831	0.646	ug/l	91
12) Acrylonitrile	3.309	53	4546	1.310	ug/l	84
13) Acetone	2.624	43	9067	2.605	ug/l	95
14) Carbon Disulfide	2.775	76	32561	0.777	ug/l	99
15) Methylene Chloride	3.026	84	12757	0.838	ug/l	88
16) trans-1,2-Dichloroethene	3.338	96	11391	0.843	ug/l	82
17) 1,1-Dichloroethane	3.849	63	20839	0.734	ug/l	97
18) 2-Butanone	4.724	43	12522	2.586	ug/l	95
19) Cyclohexane	5.357	56	18402	0.857	ug/l	96
20) Methylcyclohexane	6.746	83	16786	0.842	ug/l	91
21) 2,2-Dichloropropane	4.644	77	15563	0.772	ug/l	97
22) cis-1,2-Dichloroethene	4.647	96	12551	0.851	ug/l	86
23) Diethyl Ether	2.374	59	7654	0.706	ug/l	89
24) tert-Butyl Alcohol	3.206	59	9216	8.073	ug/l #	91
25) Methyl tert-Butyl Ether	3.361	73	26085	0.799	ug/l	100
26) Bromochloromethane	4.952	128	5279	0.919	ug/l	73
27) Chloroform	5.071	83	21766	0.818	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	20201	0.937	ug/l	96
29) 1,1-Dichloropropene	5.505	75	18784	0.953	ug/l	96
30) Carbon Tetrachloride	5.499	117	16094	0.934	ug/l	95
31) Isopropyl Ether	3.997	45	28262	0.638	ug/l	94
32) Ethyl-t-butyl ether	4.509	59	27230	0.725	ug/l	91
33) Tert-Amyl methyl ether	5.946	73	23980	0.892	ug/l	100
34) Propionitrile	4.785	54	4768	3.404	ug/l #	95
35) Benzene	5.756	78	54813	0.920	ug/l	98
36) 1,2-Dichloroethane	5.785	62	15868	0.911	ug/l	98
37) Trichloroethene	6.531	130	13550	0.962	ug/l	92
38) 1,2-Dichloropropane	6.782	63	15578	0.946	ug/l	94
39) Methacrylonitrile	4.978	41	3510	0.602	ug/l #	85
40) Methyl acrylate	4.856	55	5687m	0.695	ug/l	
41) Tetrahydrofuran	5.062	42	4182	1.334	ug/l	96
42) 1-Chlorobutane	5.438	56	25744m	0.921	ug/l	
43) Dibromomethane	6.910	93	7281	0.947	ug/l	98
44) Bromodichloromethane	7.097	83	18149	0.969	ug/l	99

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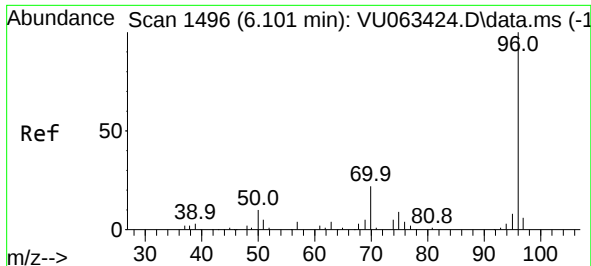
Quant Time: Jun 25 03:11:48 2025
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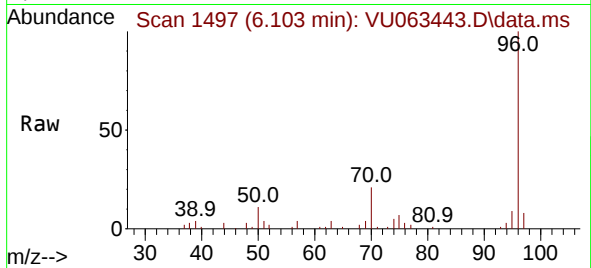
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	32961	3.993	ug/l	97
46) t-1,4-Dichloro-2-butene	10.827	75	5372m	1.980	ug/l	
47) Methyl methacrylate	6.971	69	9503	1.595	ug/l	96
48) Ethyl methacrylate	8.338	69	8943	0.838	ug/l	92
49) Toluene	7.962	92	27693	0.846	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	11508	0.852	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	15687	0.865	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	10917	0.971	ug/l	96
53) 1,3-Dichloropropane	8.573	76	17963	0.929	ug/l	99
54) 2-Hexanone	8.695	43	22115	3.993	ug/l	92
55) Dibromochloromethane	8.804	129	10969	0.946	ug/l	98
56) 1,2-Dibromoethane	8.920	107	8529	0.936	ug/l	96
58) Tetrachloroethene	8.544	164	13084	0.947	ug/l	94
59) Chlorobenzene	9.441	112	31760	0.907	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.528	131	11906	0.944	ug/l	97
61) Pentachloroethane	11.418	117	10089	0.982	ug/l	99
62) Hexachloroethane	12.466	117	8907	0.964	ug/l	96
63) Ethyl Benzene	9.563	91	46492	0.828	ug/l	99
64) m/p-Xylenes	9.688	106	34191	1.560	ug/l	98
65) o-Xylene	10.094	106	17096	0.801	ug/l	100
66) Styrene	10.110	104	27287	0.785	ug/l	98
67) Bromoform	10.283	173	5679	0.896	ug/l	98
69) Isopropylbenzene	10.476	105	41384	0.837	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	14645	1.018	ug/l	95
71) 1,2,3-Trichloropropane	10.817	75	12473m	1.062	ug/l	
72) Bromobenzene	10.778	156	13033	0.939	ug/l	98
73) n-propylbenzene	10.901	120	11722	0.782	ug/l	97
74) 2-Chlorotoluene	10.981	126	11473	0.837	ug/l	93
75) 1,3,5-Trimethylbenzene	11.081	105	35849	0.746	ug/l	98
76) 4-Chlorotoluene	11.093	126	12103	0.842	ug/l	89
77) tert-Butylbenzene	11.412	119	38574	0.849	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	35678	0.737	ug/l	98
79) sec-Butylbenzene	11.637	105	50387	0.783	ug/l	99
80) Nitrobenzene	13.225	77	3325	5.075	ug/l #	73
81) p-Isopropyltoluene	11.788	119	37827	0.752	ug/l	95
82) 1,3-Dichlorobenzene	11.743	146	27873	0.970	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	25746	0.863	ug/l	97
84) n-Butylbenzene	12.203	91	41719	0.792	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	25911	0.942	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.990	75	2098	1.061	ug/l	86
87) 1,2,4-Trichlorobenzene	13.839	180	13523	0.882	ug/l	99
88) Hexachlorobutadiene	14.013	225	10548	0.970	ug/l	92
89) Naphthalene	14.090	128	23149	0.906	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	13058	0.856	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1496
Delta R.T. 0.002 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

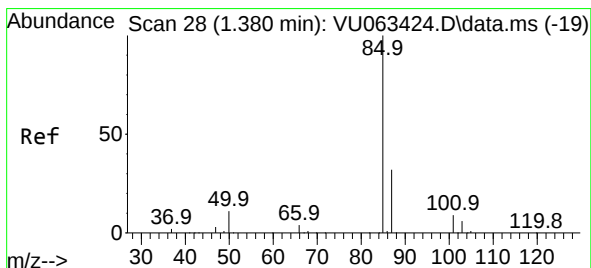
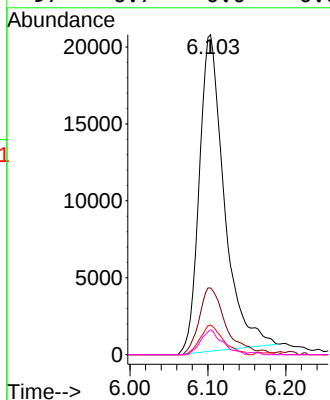
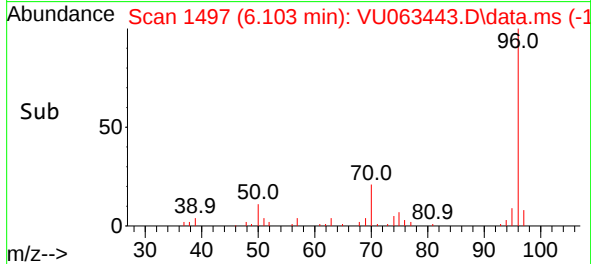
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 96 Resp: 4574
Ion Ratio Lower Upper
96 100
70 20.6 16.4 24.6
95 8.7 6.2 9.2
97 6.7 0.0 0.0#

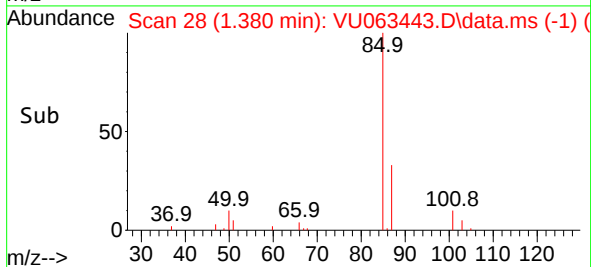
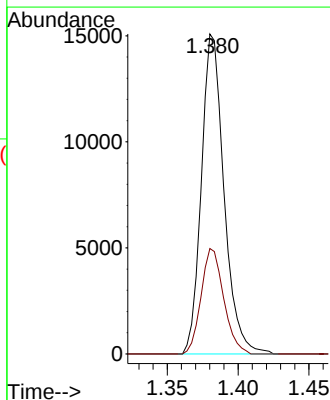
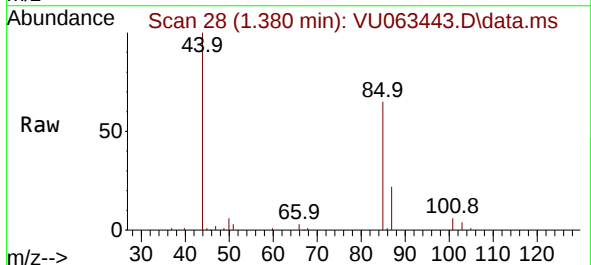
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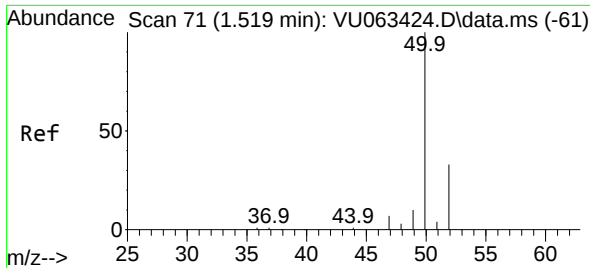
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#2
Dichlorodifluoromethane
Concen: 0.952 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 85 Resp: 16733
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.5





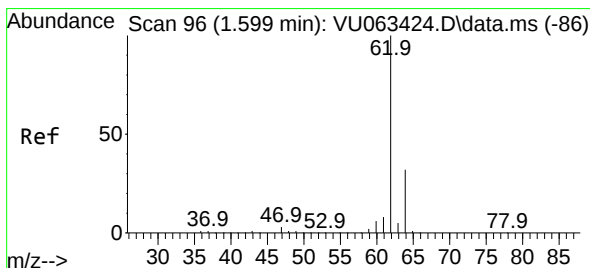
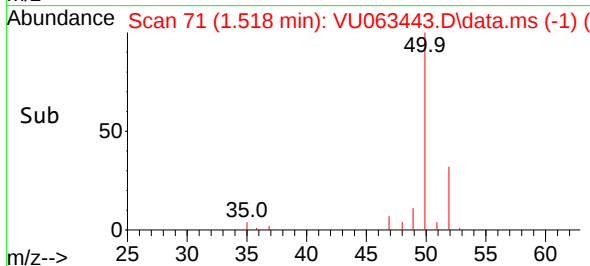
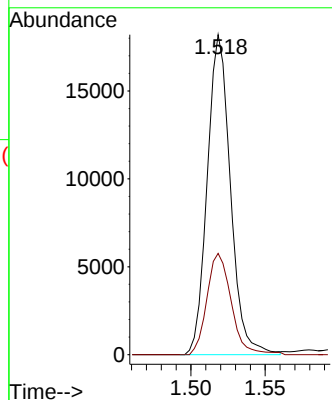
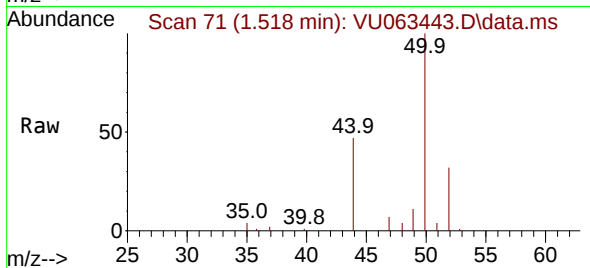
#3
Chloromethane
Concen: 0.853 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

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

Tgt Ion: 50 Resp: 19740
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0

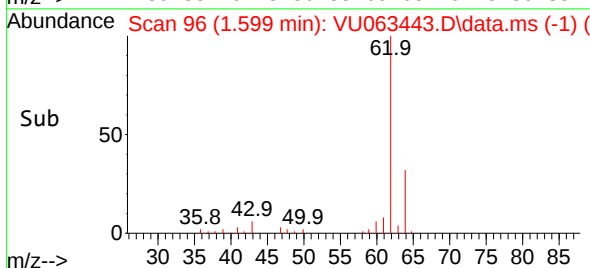
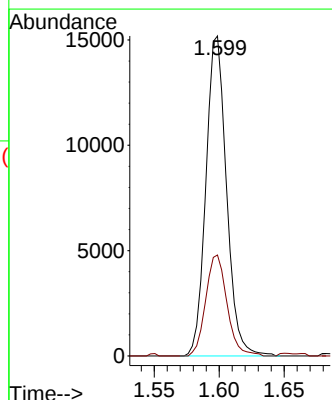
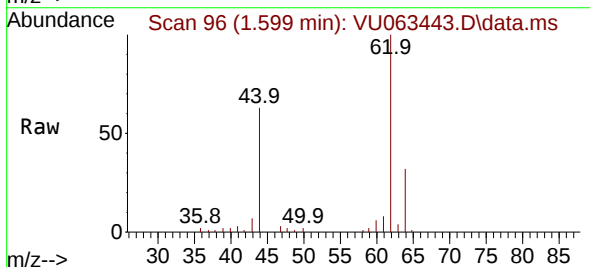
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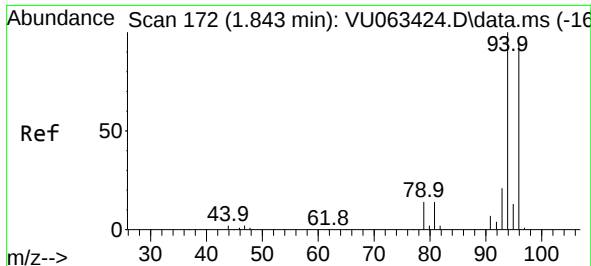
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#4
Vinyl Chloride
Concen: 0.845 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

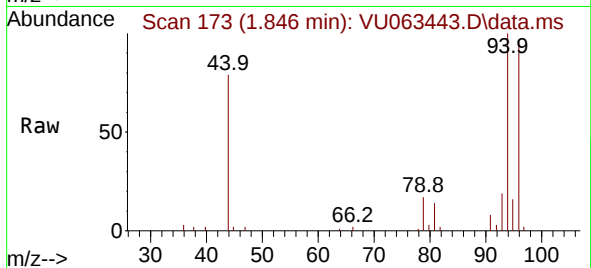
Tgt Ion: 62 Resp: 16749
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





#5
Bromomethane
Concen: 1.083 ug/l
RT: 1.846 min Scan# 173
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

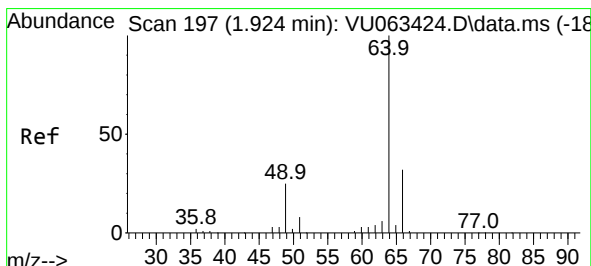
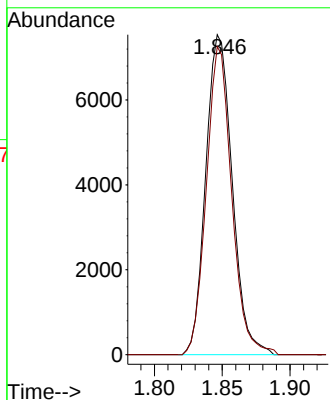
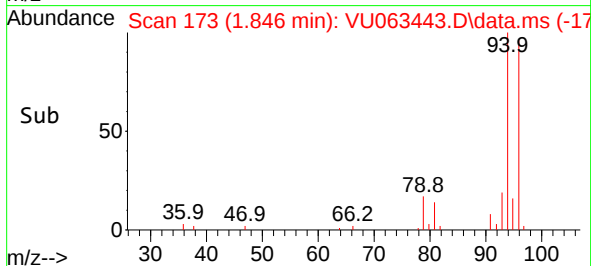
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 94 Resp: 10279
Ion Ratio Lower Upper
94 100
96 96.2 74.8 112.2

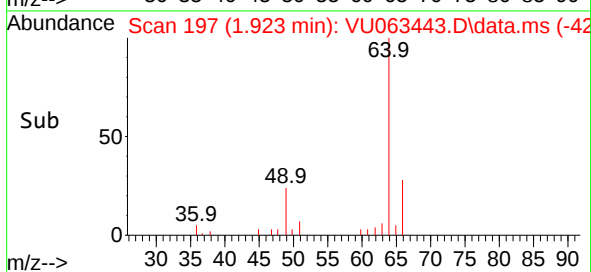
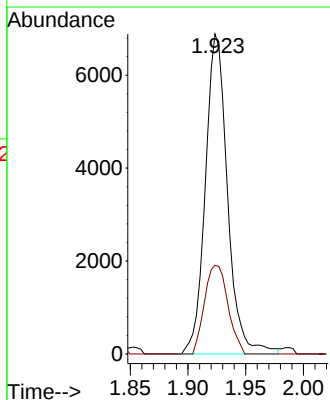
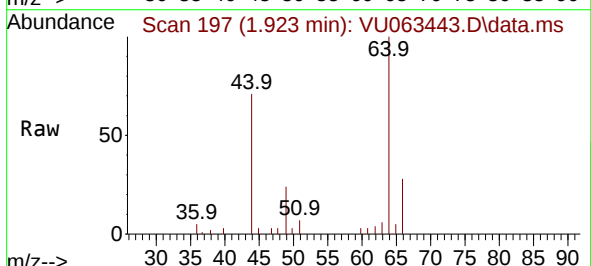
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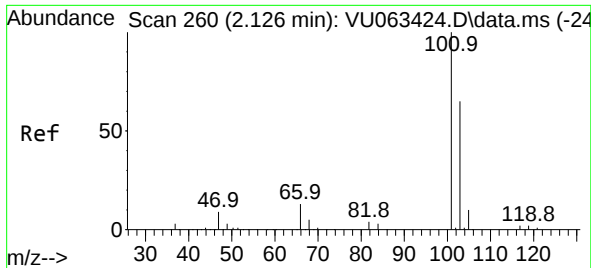
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#6
Chloroethane
Concen: 0.783 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

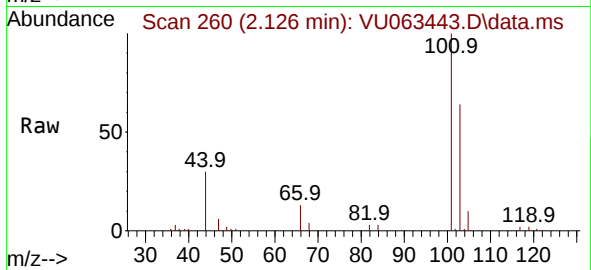
Tgt Ion: 64 Resp: 9189
Ion Ratio Lower Upper
64 100
66 27.7 25.7 38.5





#7
Trichlorofluoromethane
Concen: 0.898 ug/l
RT: 2.126 min Scan# 20290
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

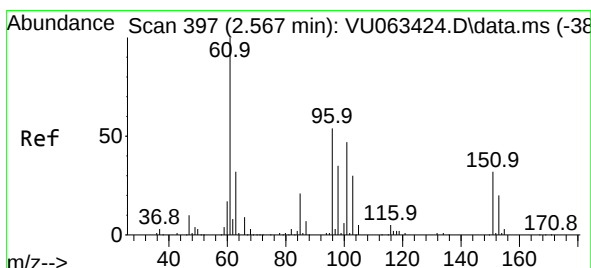
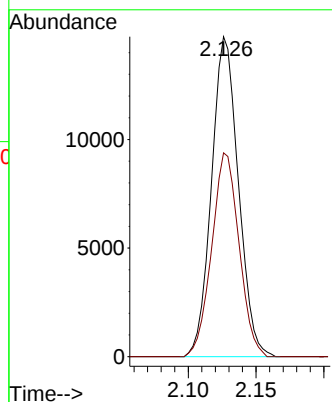
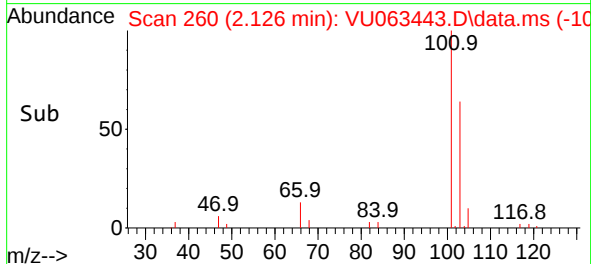
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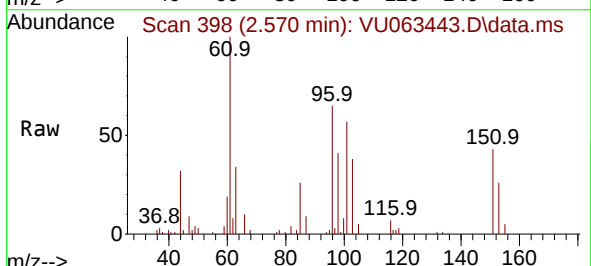
Tgt Ion:101 Resp: 20290
Ion Ratio Lower Upper
101 100
103 63.7 52.3 78.5

Manual Integrations
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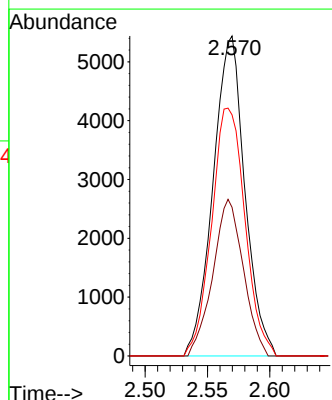
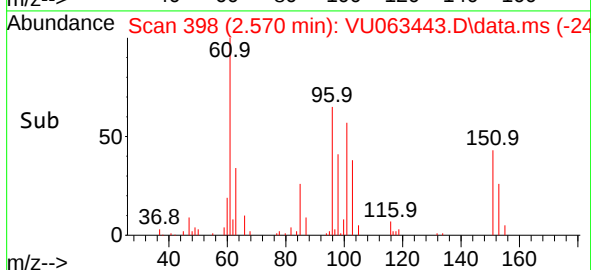
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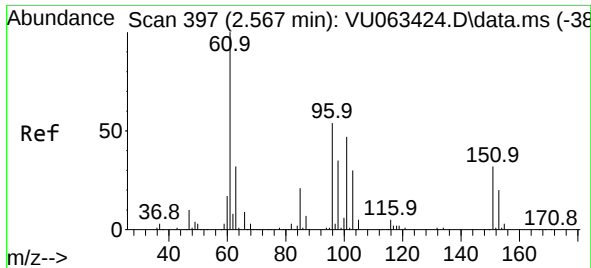


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.802 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54



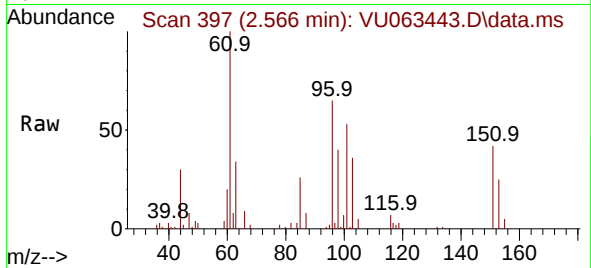
Tgt Ion:101 Resp: 9656
Ion Ratio Lower Upper
101 100
85 46.9 36.7 55.1
151 81.2 53.9 80.9#





#9
1,1-Dichloroethene
Concen: 0.868 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

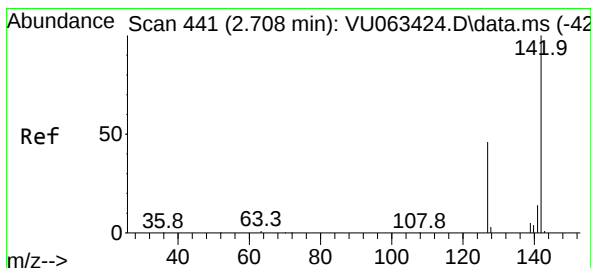
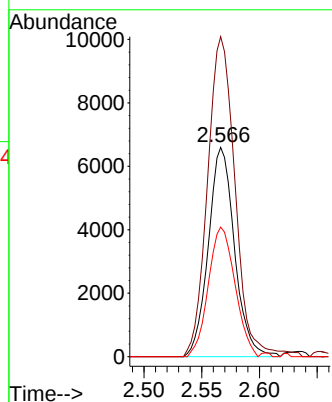
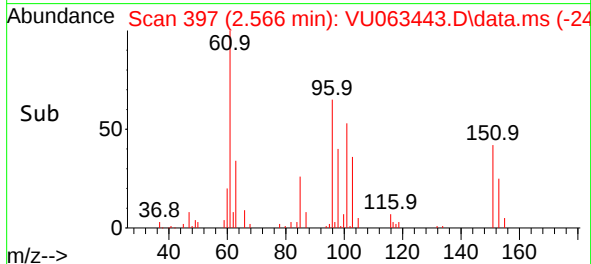
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 96 Resp: 10420
Ion Ratio Lower Upper
96 100
61 152.8 0.0 552.0
98 61.9 0.0 128.4

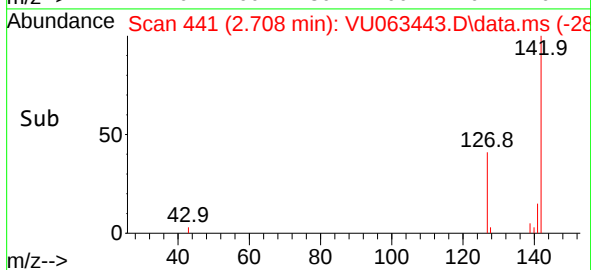
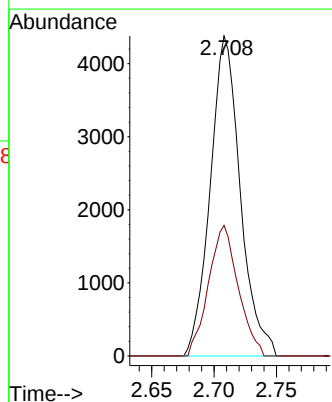
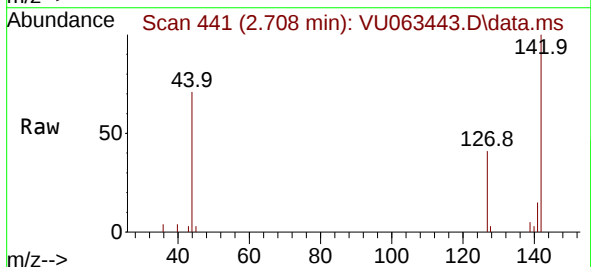
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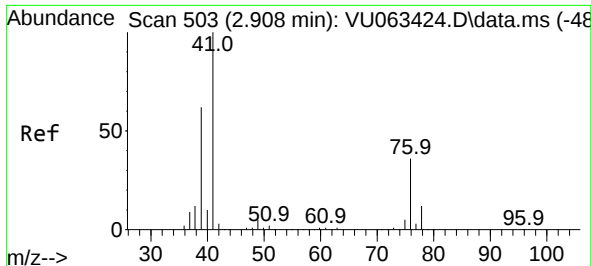
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#10
Iodomethane
Concen: 0.759 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

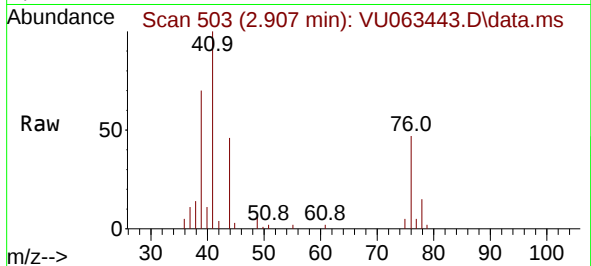
Tgt Ion:142 Resp: 7354
Ion Ratio Lower Upper
142 100
127 40.2 36.9 55.3





#11
 Allyl Chloride
 Concen: 0.646 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

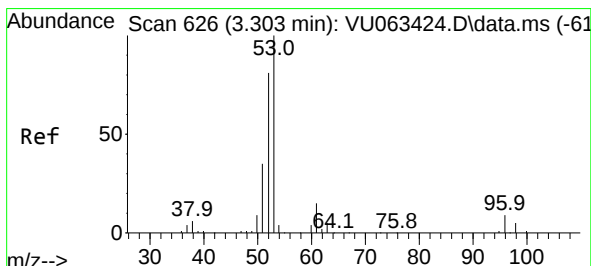
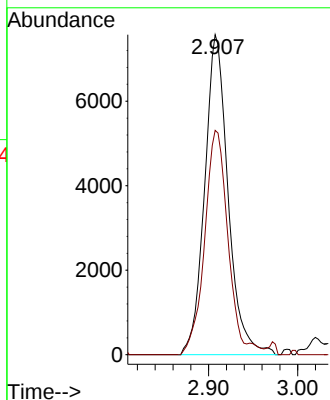
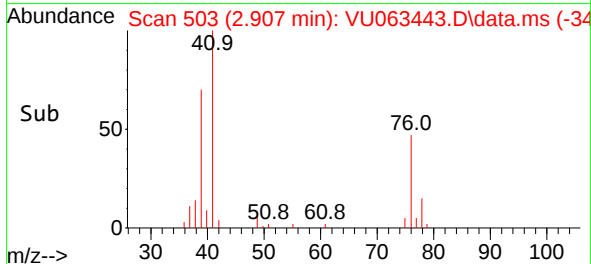
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



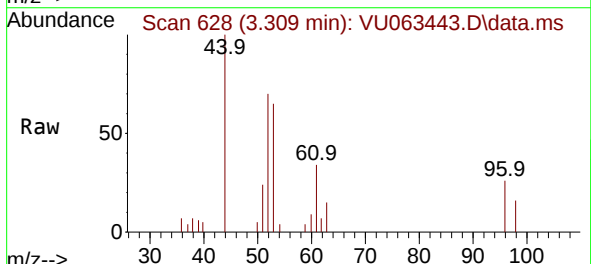
Tgt Ion: 41 Resp: 1383
 Ion Ratio Lower Upper
 41 100
 39 70.2 50.3 75.5

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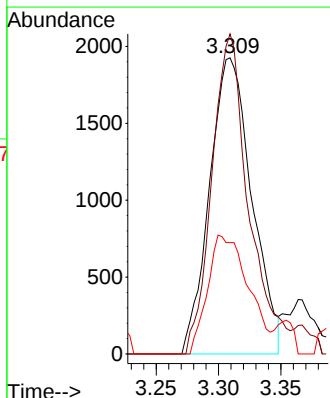
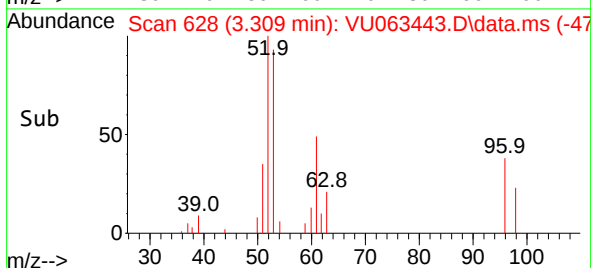
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

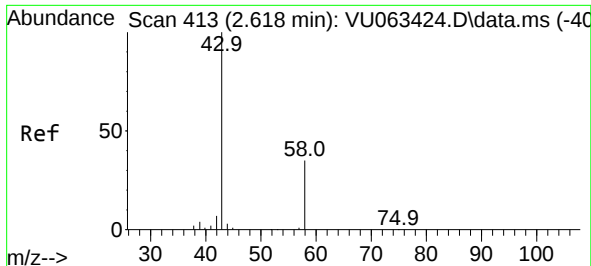


#12
 Acrylonitrile
 Concen: 1.310 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54



Tgt Ion: 53 Resp: 4546
 Ion Ratio Lower Upper
 53 100
 52 94.1 62.8 94.2
 51 38.7 26.2 39.4





#13

Acetone

Concen: 2.605 ug/l

RT: 2.624 min Scan# 413

Delta R.T. 0.006 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 906

Ion Ratio Lower Upper

43 100

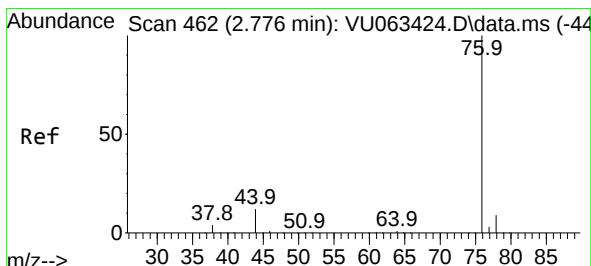
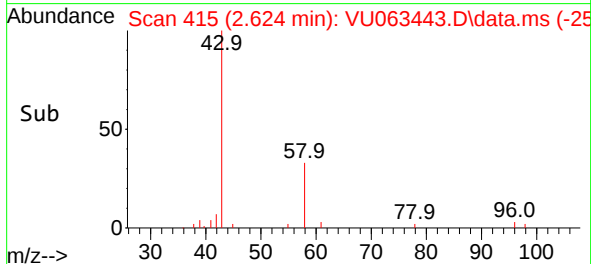
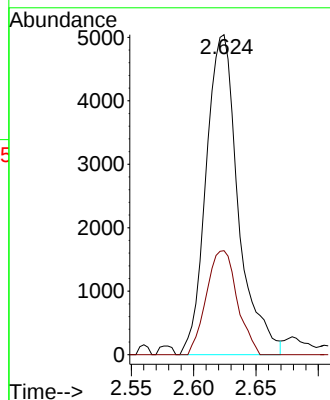
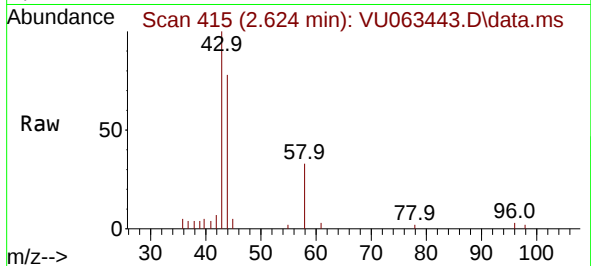
58 32.5 28.3 42.5

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Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#14

Carbon Disulfide

Concen: 0.777 ug/l

RT: 2.775 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063443.D

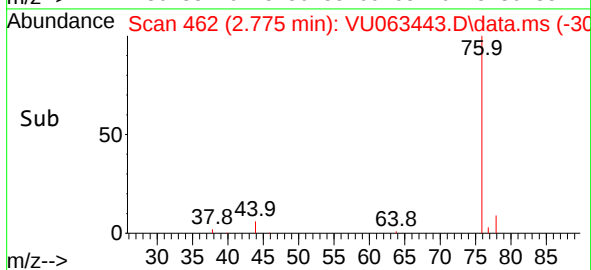
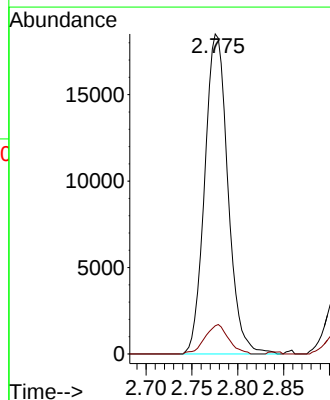
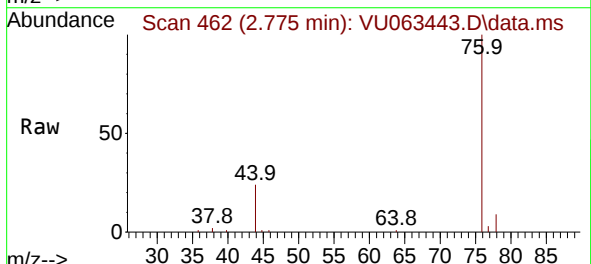
Acq: 24 Jun 2025 17:54

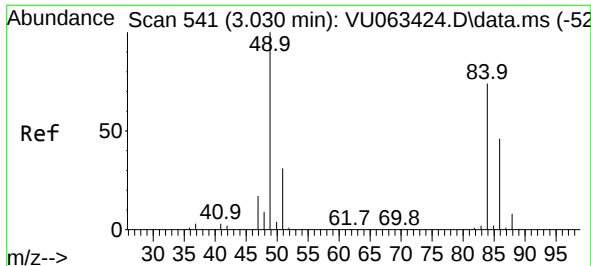
Tgt Ion: 76 Resp: 32561

Ion Ratio Lower Upper

76 100

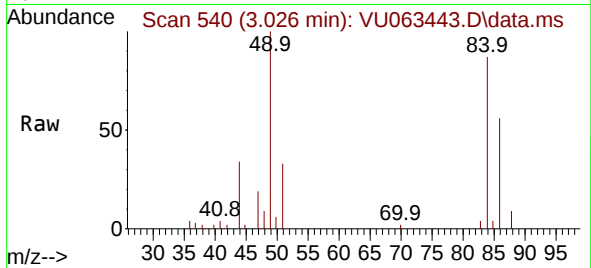
78 8.8 6.9 10.3





#15
Methylene Chloride
Concen: 0.838 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.004 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

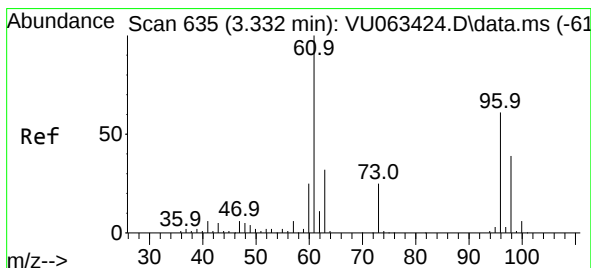
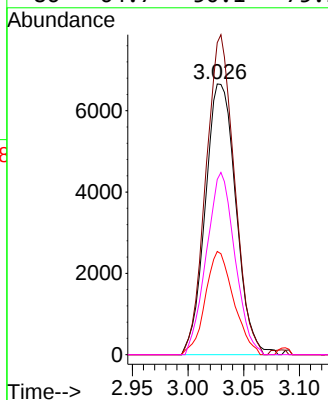
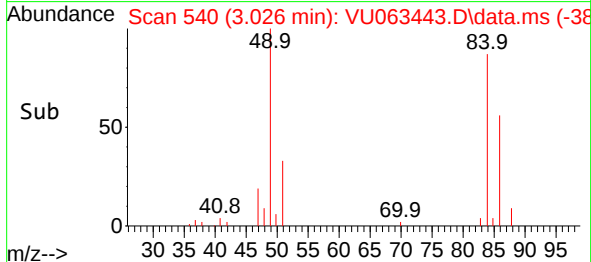
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



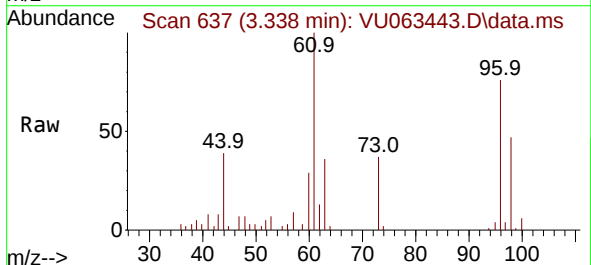
Tgt Ion: 84 Resp: 1275
Ion Ratio Lower Upper
84 100
49 115.3 108.7 163.1
51 36.4 0.0 83.8
86 64.7 50.1 75.1

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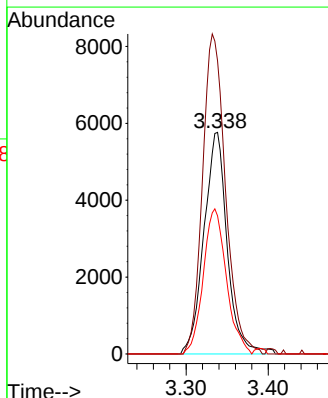
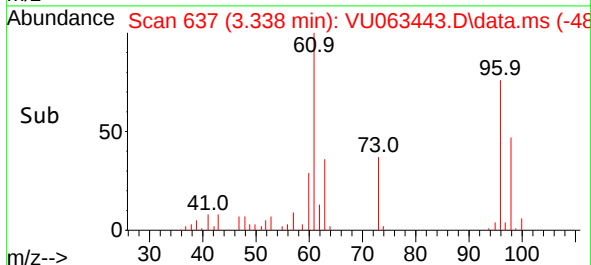
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

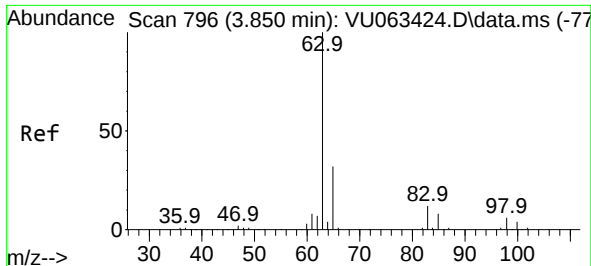


#16
trans-1,2-Dichloroethene
Concen: 0.843 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54



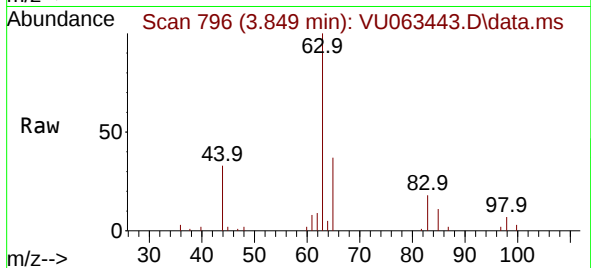
Tgt Ion: 96 Resp: 11391
Ion Ratio Lower Upper
96 100
61 132.3 132.1 198.1
98 62.3 51.0 76.4





#17
1,1-Dichloroethane
Concen: 0.734 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

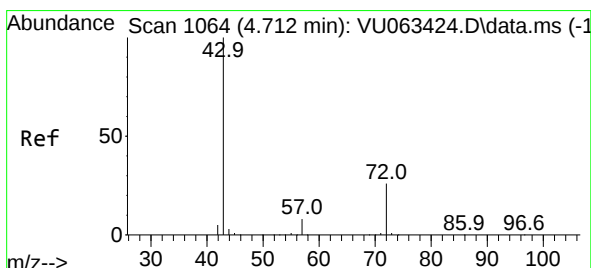
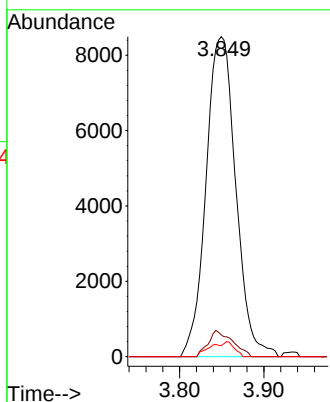
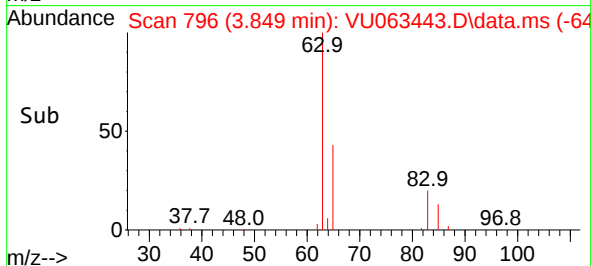
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



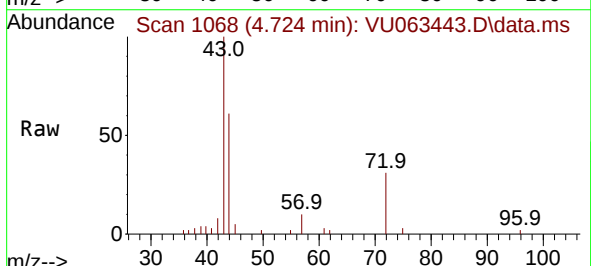
Tgt Ion: 63 Resp: 20839
Ion Ratio Lower Upper
63 100
98 6.8 2.8 8.4
100 3.5 1.9 5.7

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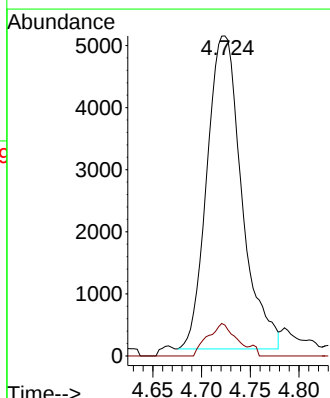
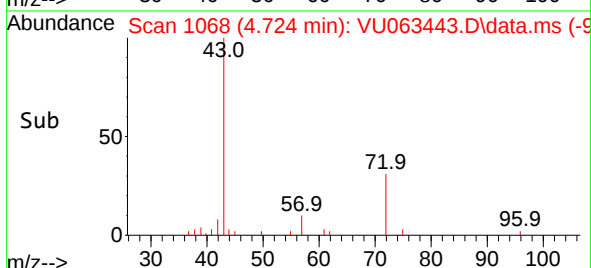
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

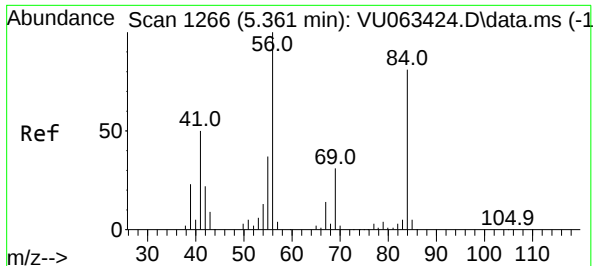


#18
2-Butanone
Concen: 2.586 ug/l
RT: 4.724 min Scan# 1068
Delta R.T. 0.012 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54



Tgt Ion: 43 Resp: 12522
Ion Ratio Lower Upper
43 100
57 9.9 0.0 16.0





#19

Cyclohexane

Concen: 0.857 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.004 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

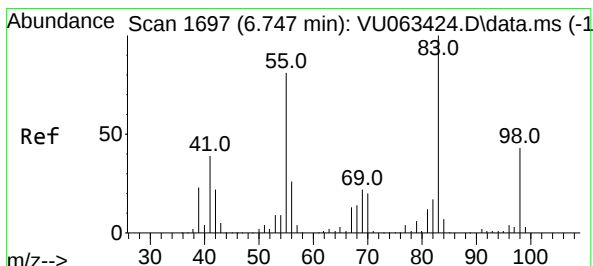
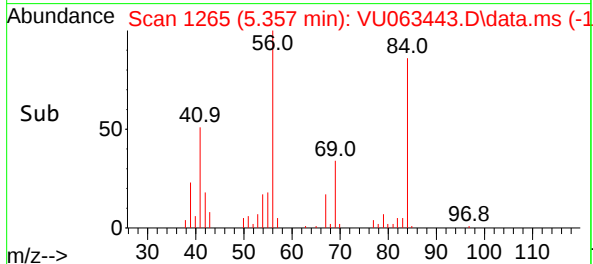
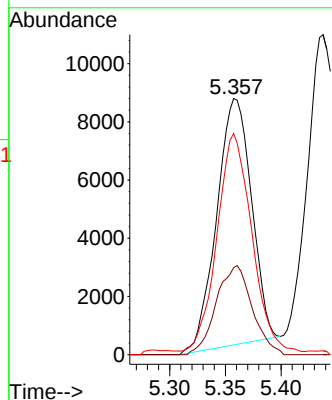
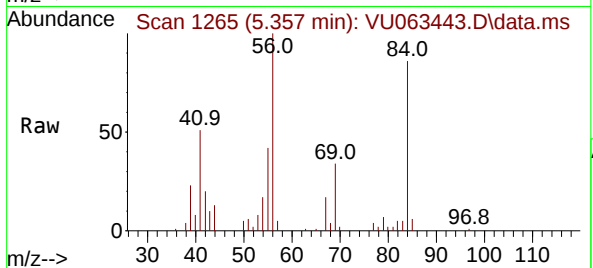
ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 56	Resp: 1840
Ion Ratio	Lower Upper
56	100
69	37.3 26.4 39.6
84	87.6 68.6 102.8

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Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#20

Methylcyclohexane

Concen: 0.842 ug/l

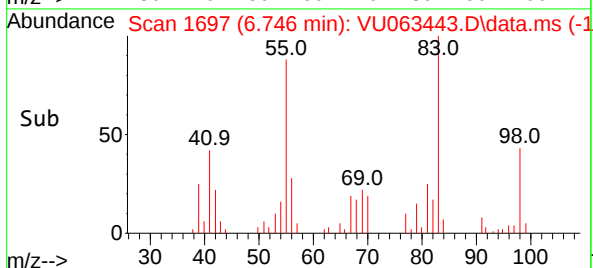
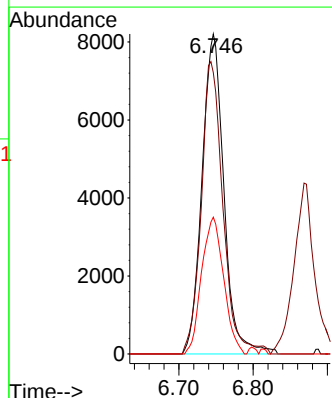
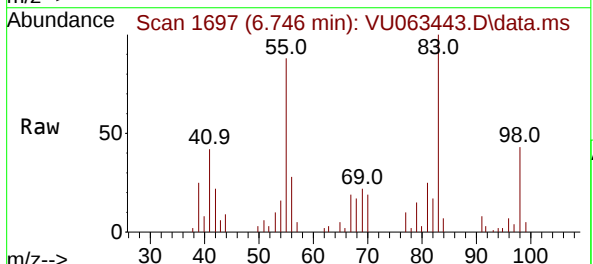
RT: 6.746 min Scan# 1697

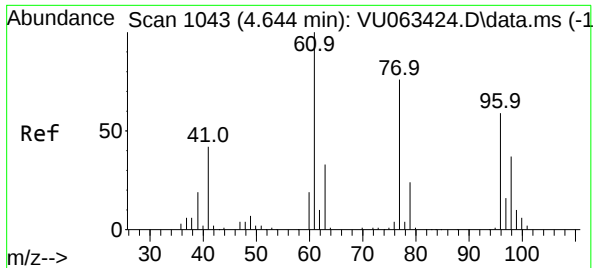
Delta R.T. -0.000 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

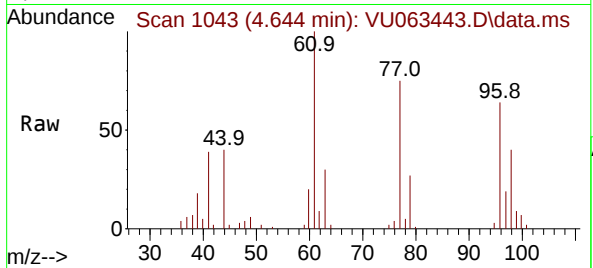
Tgt Ion: 83	Resp: 16786
Ion Ratio	Lower Upper
83	100
55	90.8 63.5 95.3
98	43.1 34.2 51.4





#21
2,2-Dichloropropane
Concen: 0.772 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

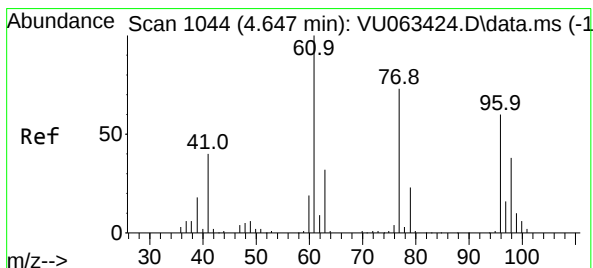
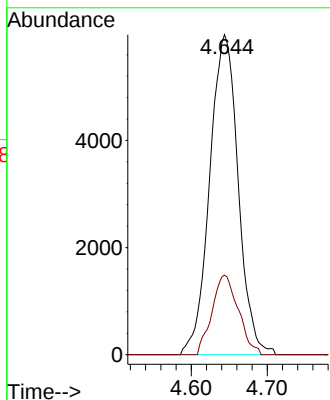
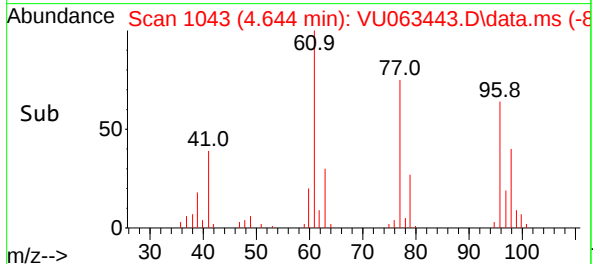
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



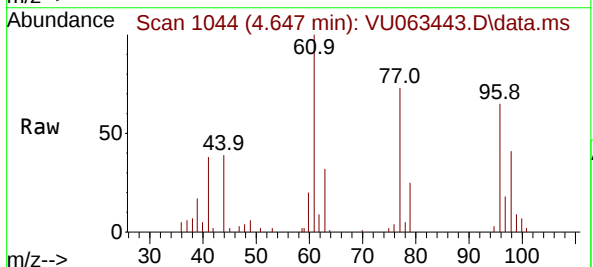
Tgt Ion: 77 Resp: 1556
Ion Ratio Lower Upper
77 100
97 22.9 17.2 25.8

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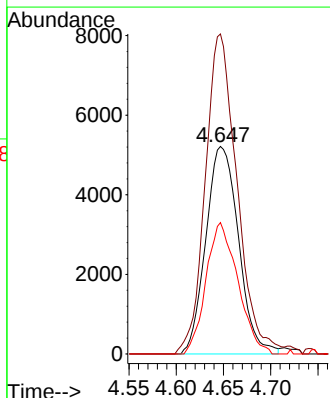
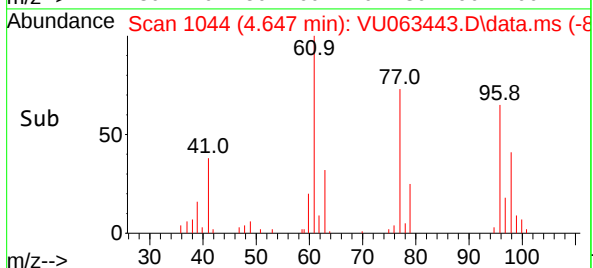
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

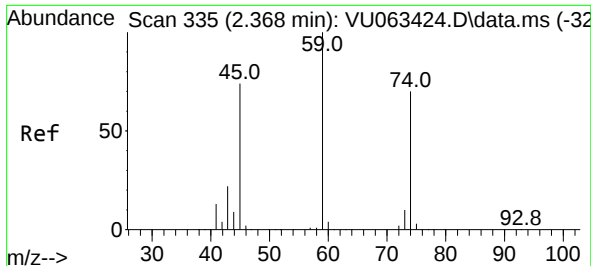


#22
cis-1,2-Dichloroethene
Concen: 0.851 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54



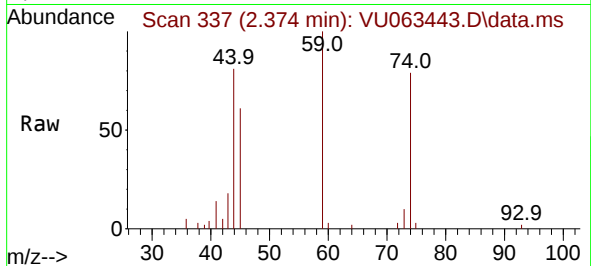
Tgt Ion: 96 Resp: 12551
Ion Ratio Lower Upper
96 100
61 149.6 0.0 434.3
98 61.5 31.9 95.7





#23
Diethyl Ether
Concen: 0.706 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

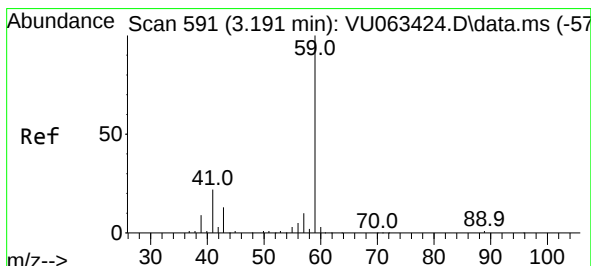
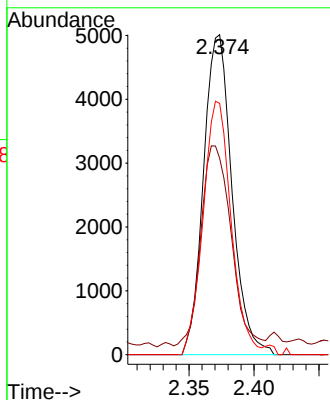
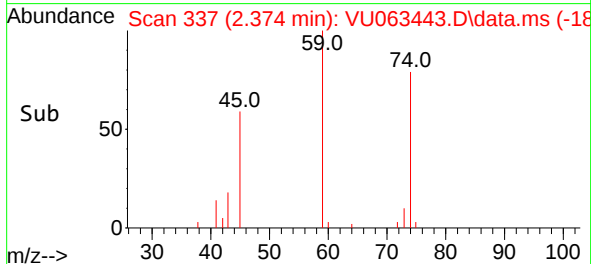
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 59 Resp: 7654
Ion Ratio Lower Upper
59 100
45 65.5 60.7 91.1
74 77.9 55.8 83.6

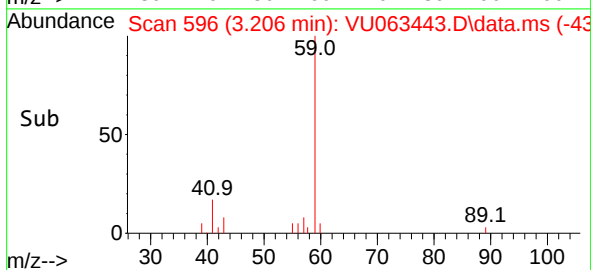
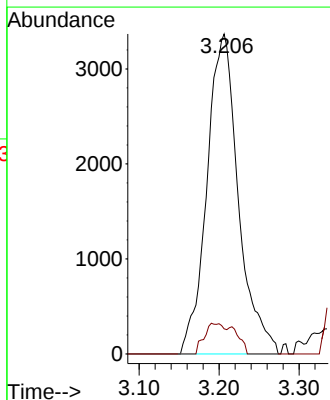
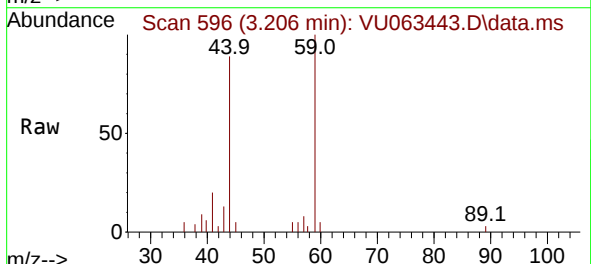
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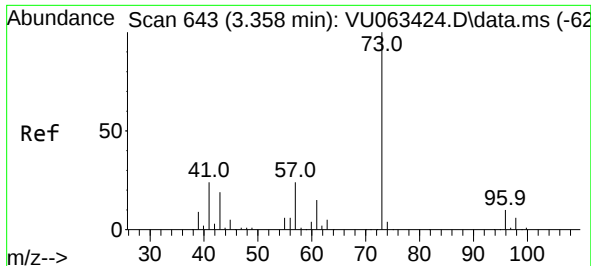
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#24
tert-Butyl Alcohol
Concen: 8.073 ug/l
RT: 3.206 min Scan# 596
Delta R.T. 0.016 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

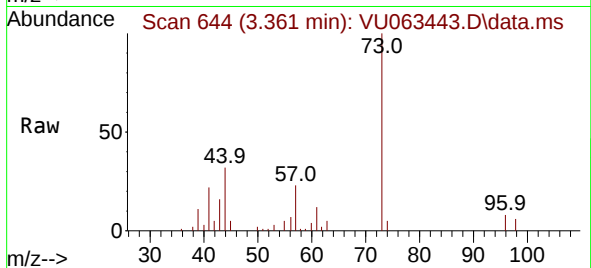
Tgt Ion: 59 Resp: 9216
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.8#





#25
Methyl tert-Butyl Ether
Concen: 0.799 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

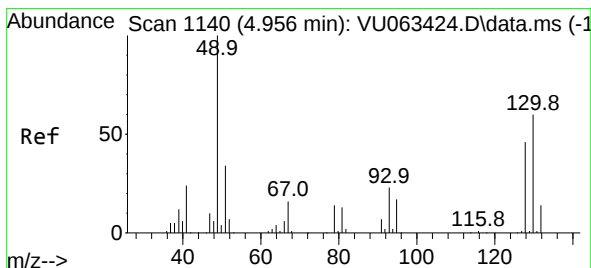
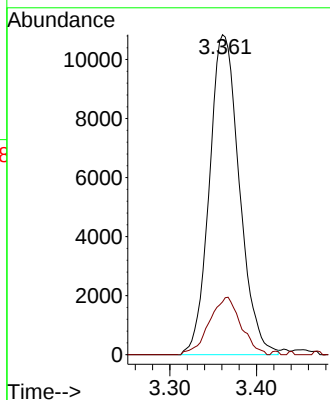
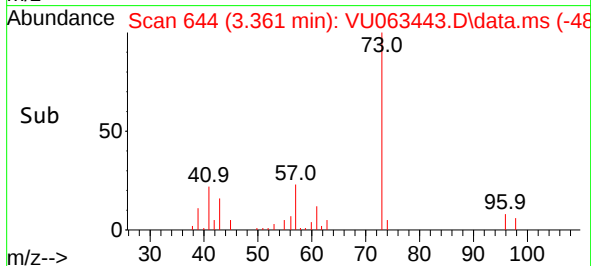
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 73 Resp: 2608
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7

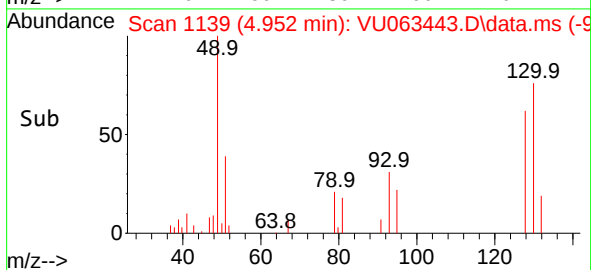
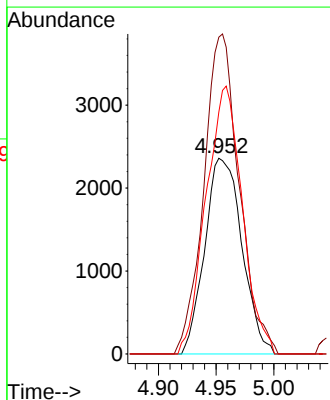
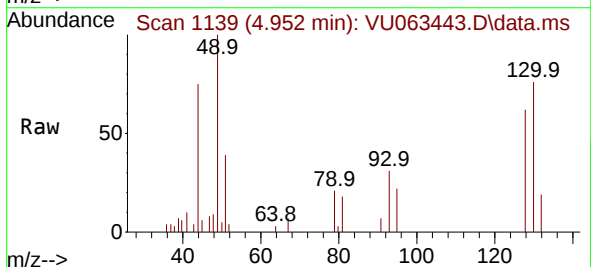
Manual Integrations
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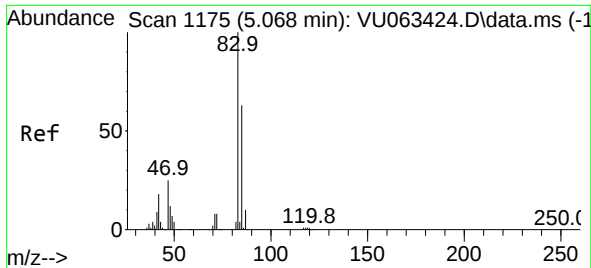
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#26
Bromochloromethane
Concen: 0.919 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.004 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

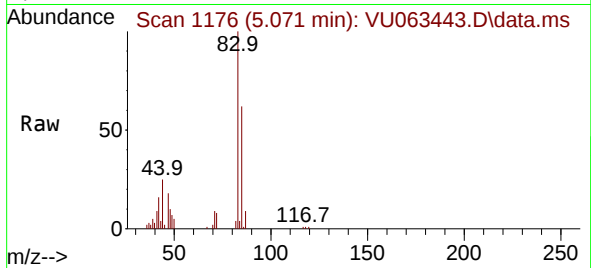
Tgt Ion:128 Resp: 5279
Ion Ratio Lower Upper
128 100
49 155.7 0.0 441.2
130 133.5 102.3 153.5





#27
Chloroform
Concen: 0.818 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

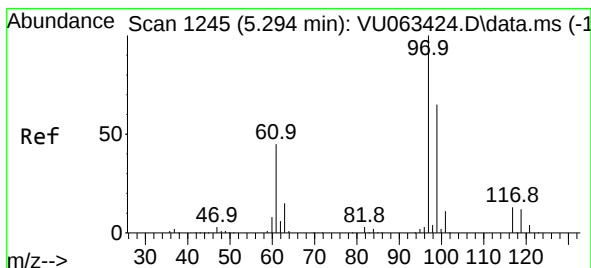
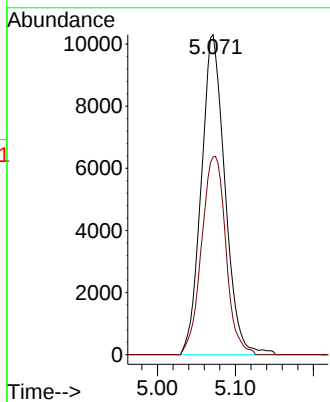
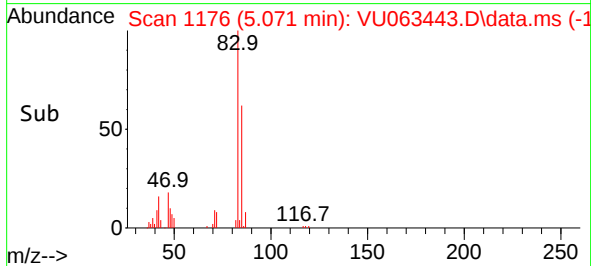
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



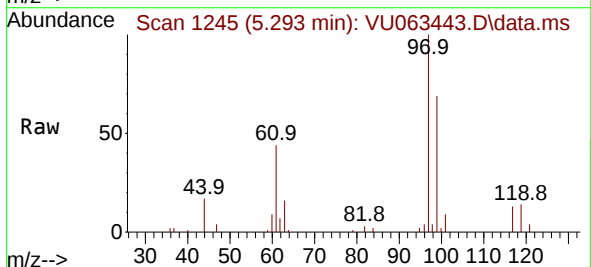
Tgt Ion: 83 Resp: 2176
Ion Ratio Lower Upper
83 100
85 61.8 0.0 126.8

Manual Integrations
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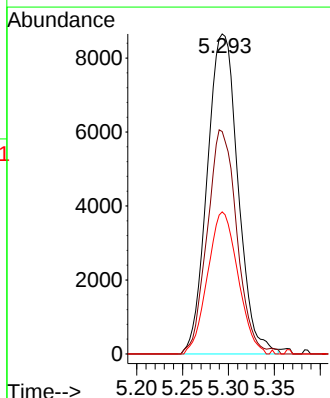
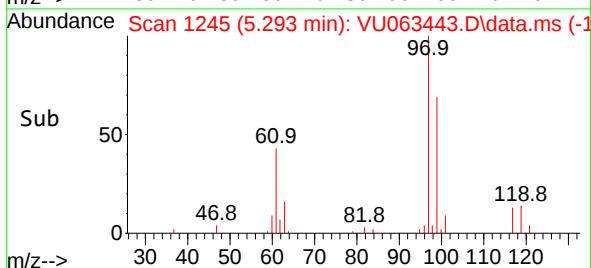
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

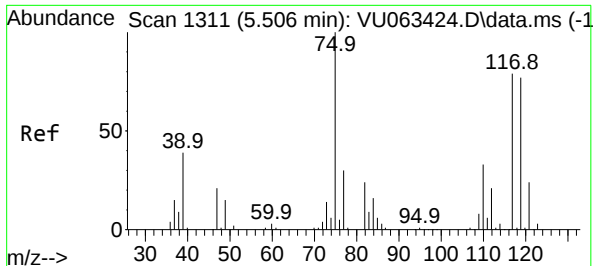


#28
1,1,1-Trichloroethane
Concen: 0.937 ug/l
RT: 5.293 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54



Tgt Ion: 97 Resp: 20201
Ion Ratio Lower Upper
97 100
99 67.0 31.9 95.5
61 43.8 22.9 68.7





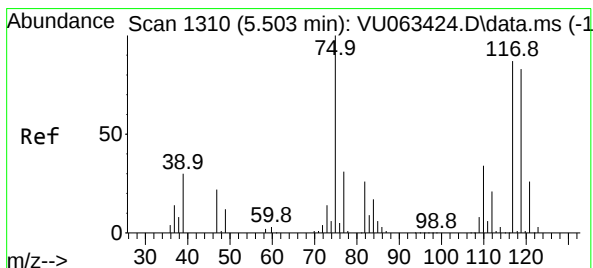
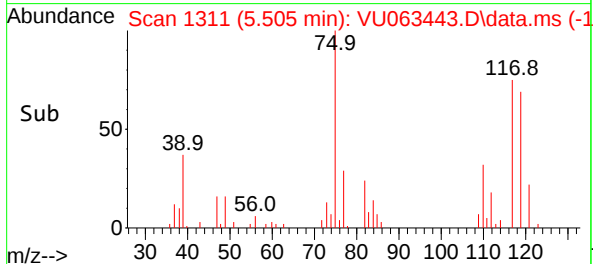
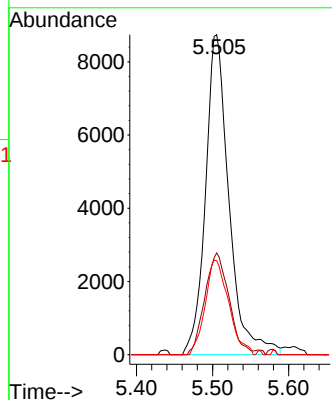
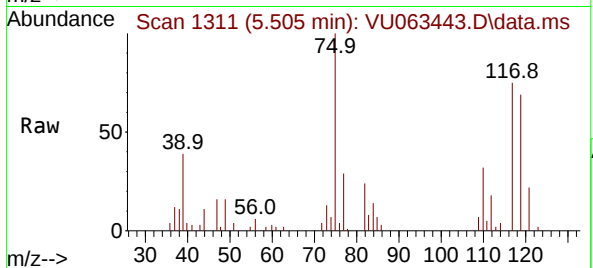
#29
1,1-Dichloropropene
Concen: 0.953 ug/l
RT: 5.505 min Scan# 1109
Delta R.T. -0.001 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

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

Tgt Ion: 75 Resp: 18784
Ion Ratio Lower Upper
75 100
110 32.7 17.4 52.2
77 29.5 25.4 38.0

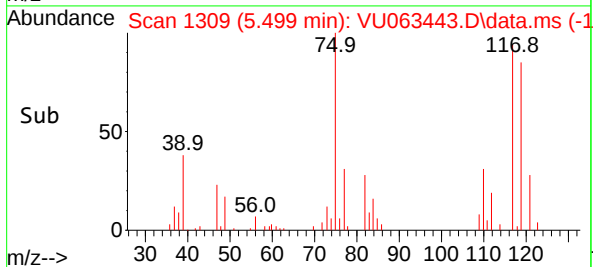
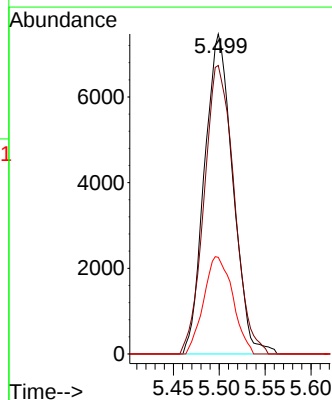
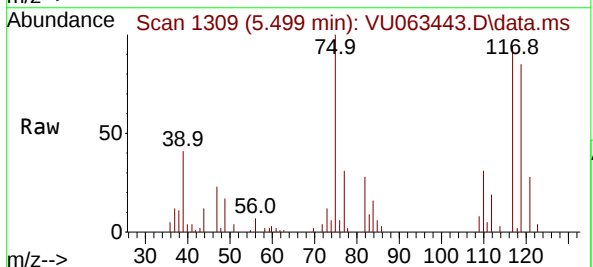
Manual Integrations
APPROVED

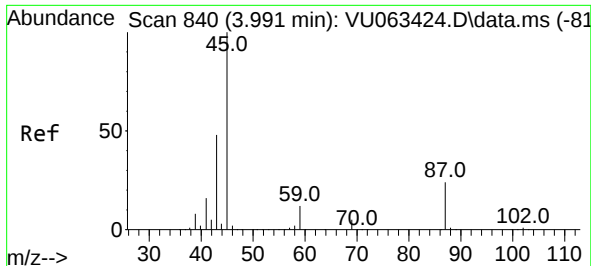
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30
Carbon Tetrachloride
Concen: 0.934 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

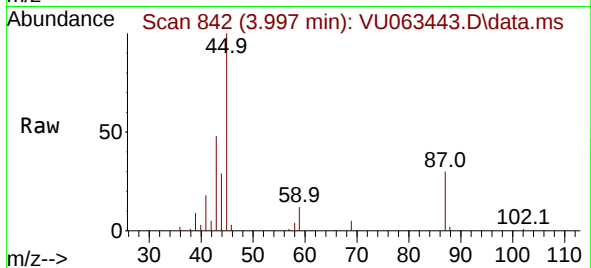
Tgt Ion:117 Resp: 16094
Ion Ratio Lower Upper
117 100
119 90.2 76.7 115.1
121 30.2 24.3 36.5





#31
Isopropyl Ether
Concen: 0.638 ug/l
RT: 3.997 min Scan# 840
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

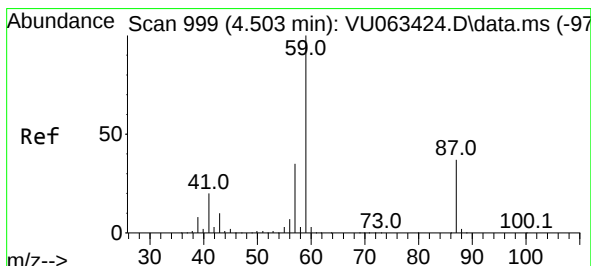
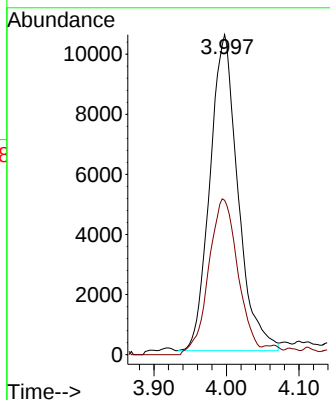
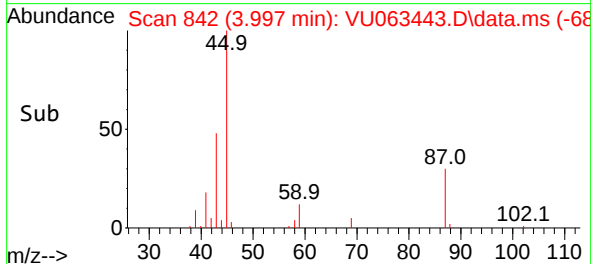
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



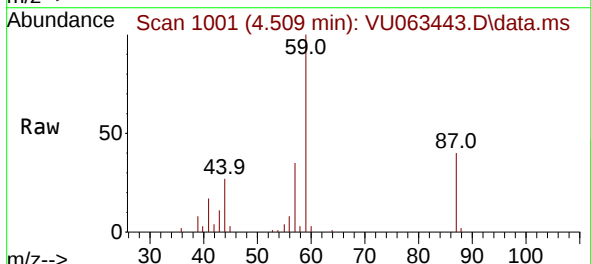
Tgt Ion: 45 Resp: 2826
Ion Ratio Lower Upper
45 100
43 51.5 23.8 71.5

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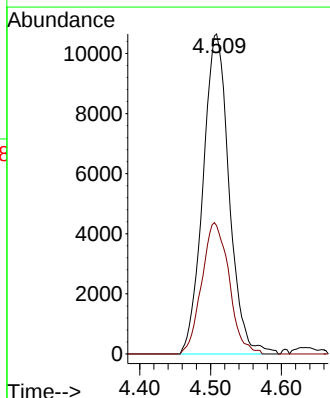
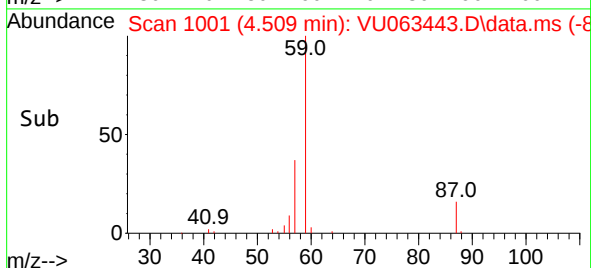
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

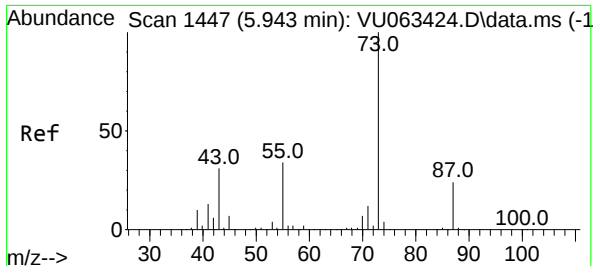


#32
Ethyl-t-butyl ether
Concen: 0.725 ug/l
RT: 4.509 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54



Tgt Ion: 59 Resp: 27230
Ion Ratio Lower Upper
59 100
87 43.0 29.9 44.9





#33

Tert-Amyl methyl ether

Concen: 0.892 ug/l

RT: 5.946 min Scan# 1447

Delta R.T. 0.003 min

Lab File: VU063443.D

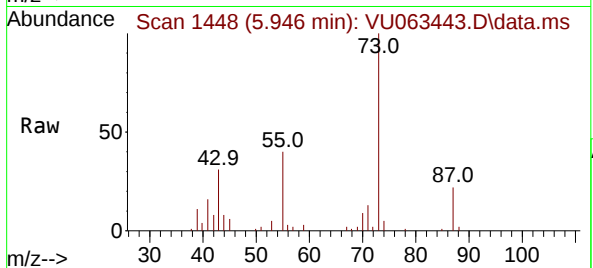
Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025



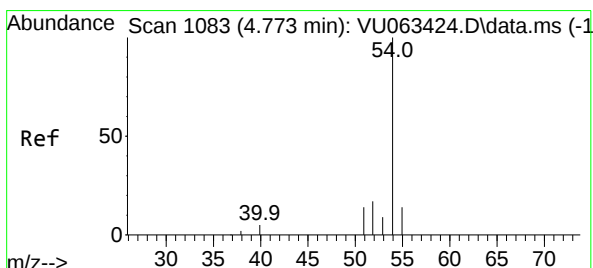
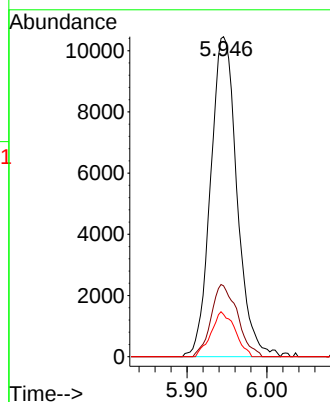
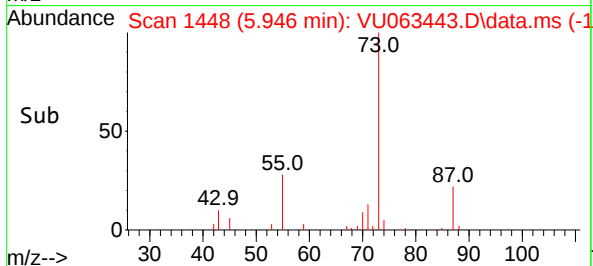
Tgt Ion: 73 Resp: 23980

Ion	Ratio	Lower	Upper
73	100		
87	22.5	18.1	27.1
71	12.7	10.0	15.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#34

Propionitrile

Concen: 3.404 ug/l

RT: 4.785 min Scan# 1087

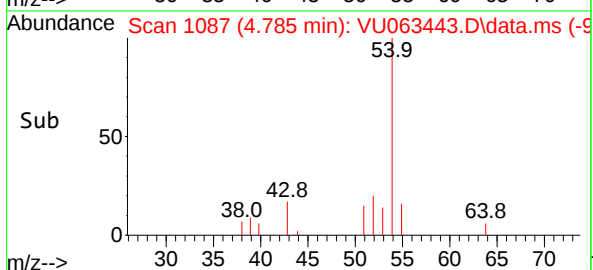
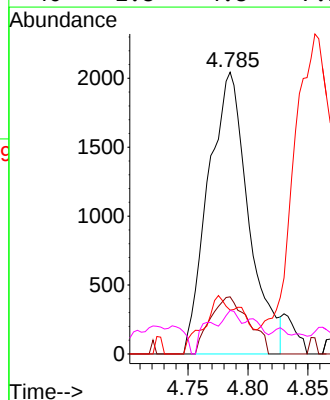
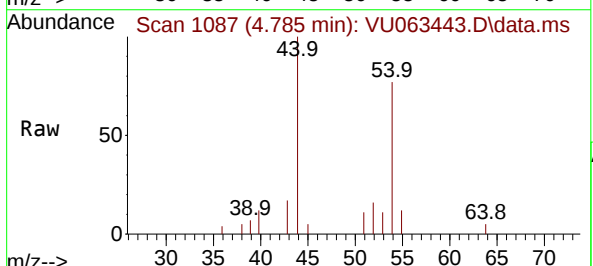
Delta R.T. 0.012 min

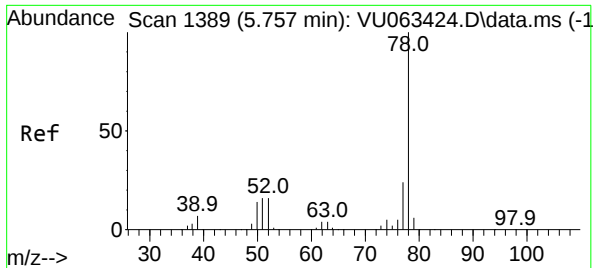
Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Tgt Ion: 54 Resp: 4768

Ion	Ratio	Lower	Upper
54	100		
52	19.2	14.8	22.2
55	12.6	12.2	18.2
40	2.8	4.8	7.2





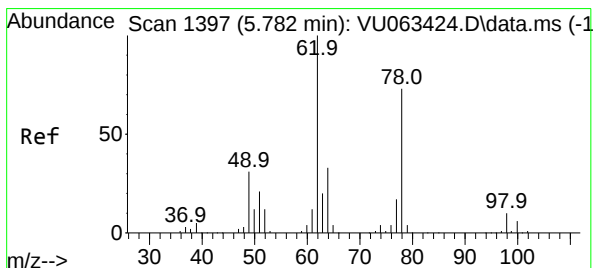
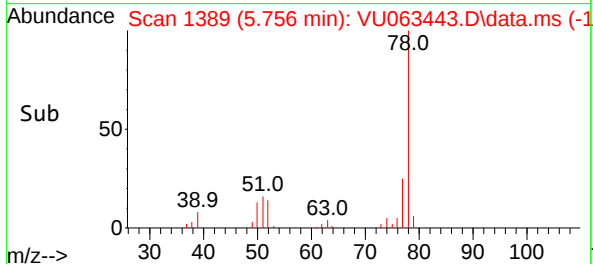
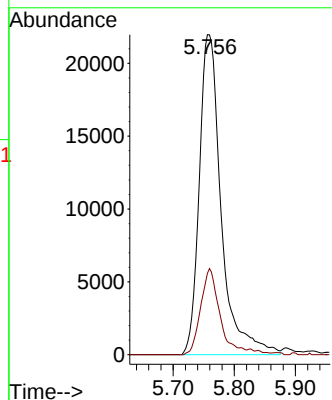
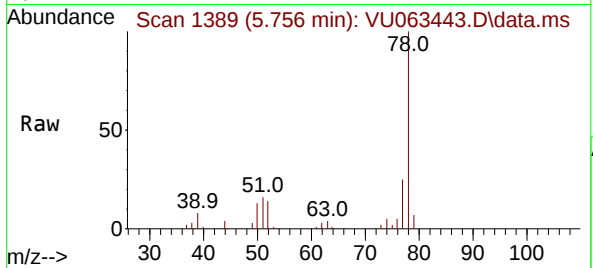
#35
Benzene
Concen: 0.920 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

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

Tgt Ion: 78 Resp: 5481
Ion Ratio Lower Upper
78 100
77 25.4 19.4 29.2

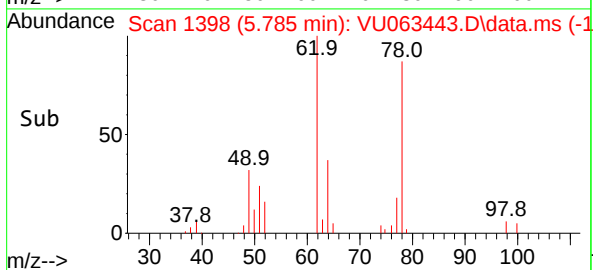
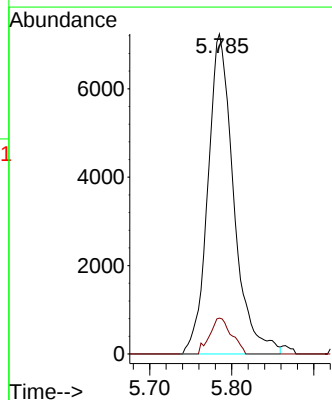
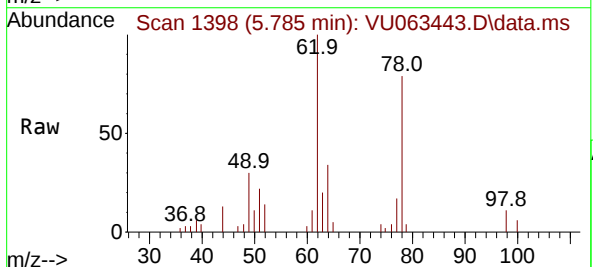
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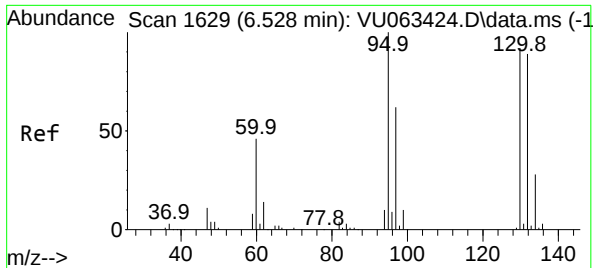
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#36
1,2-Dichloroethane
Concen: 0.911 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

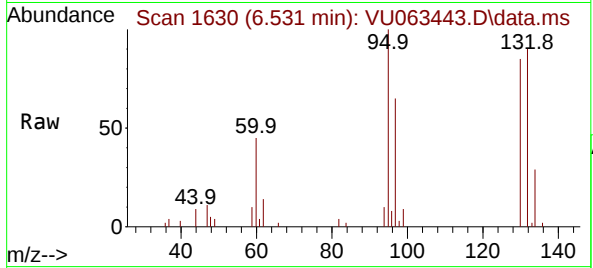
Tgt Ion: 62 Resp: 15868
Ion Ratio Lower Upper
62 100
98 9.4 7.1 10.7





#37
 Trichloroethene
 Concen: 0.962 ug/l
 RT: 6.531 min Scan# 1630
 Delta R.T. 0.003 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

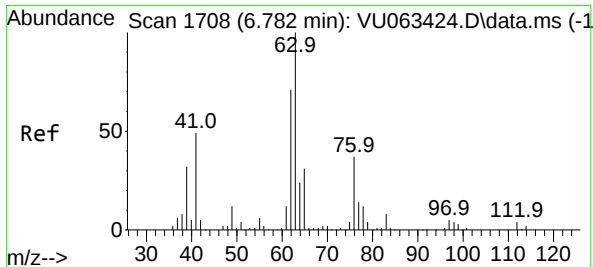
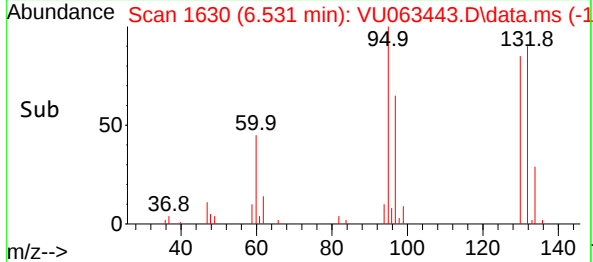
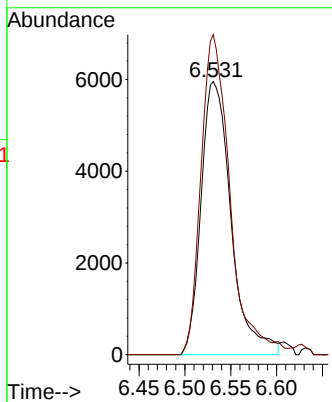
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:130 Resp: 13550
 Ion Ratio Lower Upper
 130 100
 95 117.2 87.2 130.8

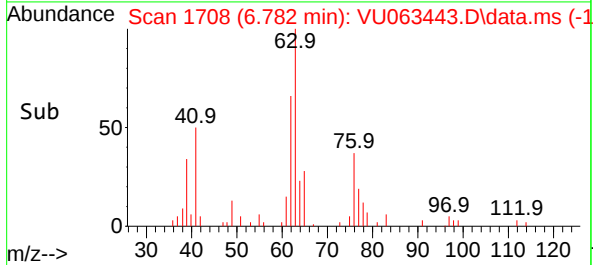
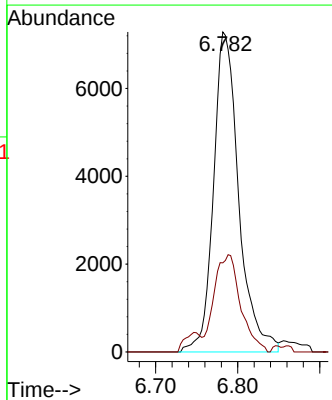
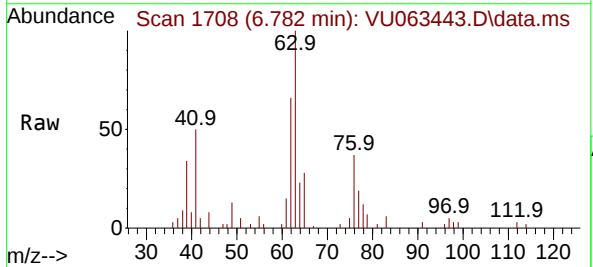
Manual Integrations
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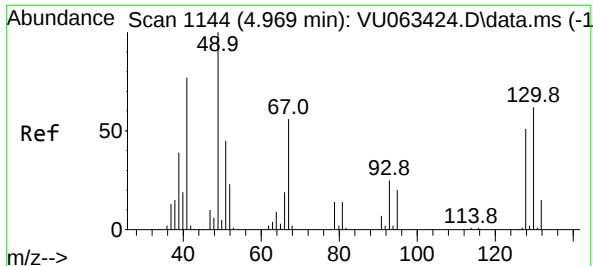
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#38
 1,2-Dichloropropane
 Concen: 0.946 ug/l
 RT: 6.782 min Scan# 1708
 Delta R.T. -0.000 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

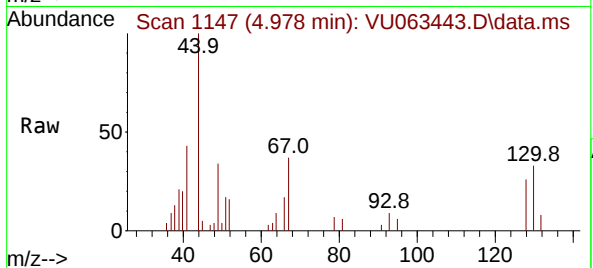
Tgt Ion: 63 Resp: 15578
 Ion Ratio Lower Upper
 63 100
 65 27.9 25.0 37.6





#39
Methacrylonitrile
Concen: 0.602 ug/l
RT: 4.978 min Scan# 1147
Delta R.T. 0.009 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

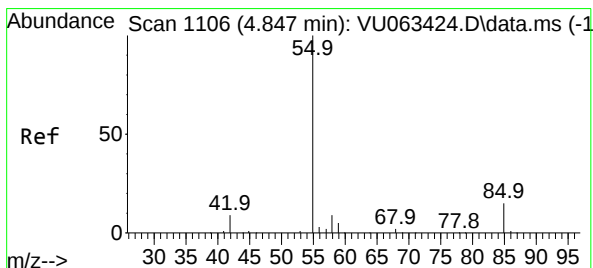
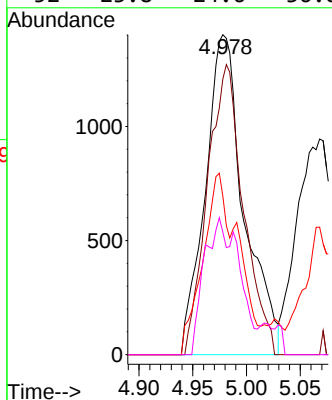
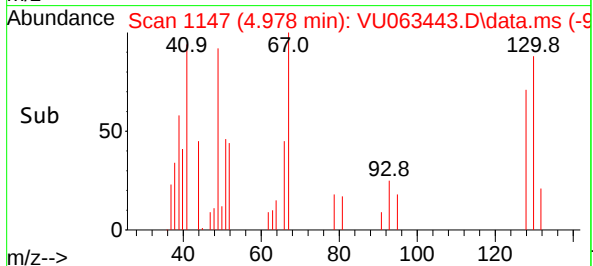
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 41 Resp: 3510
Ion Ratio Lower Upper
41 100
67 84.3 59.8 89.8
39 35.8 40.7 61.1
52 23.8 24.6 36.8#

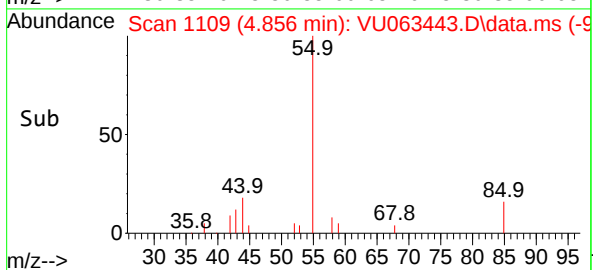
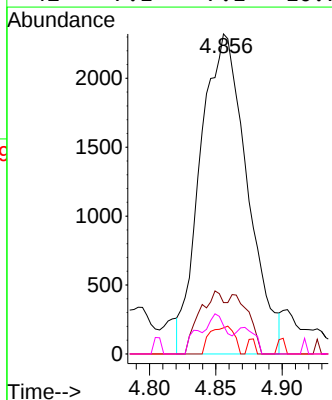
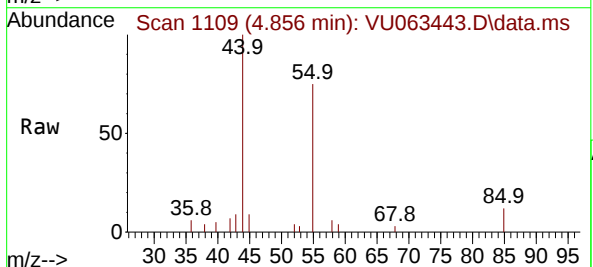
Manual Integrations
APPROVED

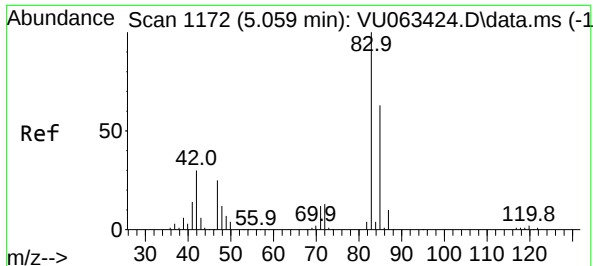
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#40
Methyl acrylate
Concen: 0.695 ug/l m
RT: 4.856 min Scan# 1109
Delta R.T. 0.009 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 55 Resp: 5687
Ion Ratio Lower Upper
55 100
85 11.3 12.6 19.0#
58 4.5 6.9 10.3#
42 7.1 7.1 10.7#





#41

Tetrahydrofuran

Concen: 1.334 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

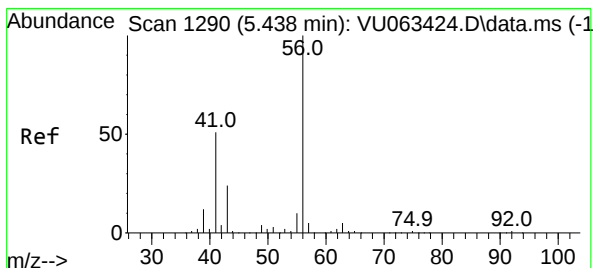
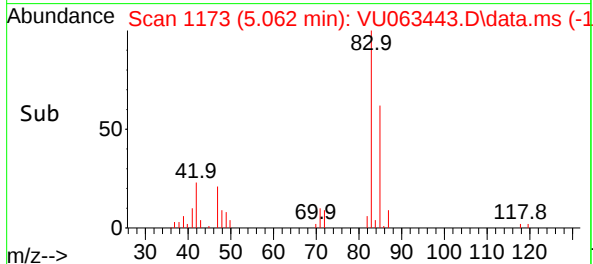
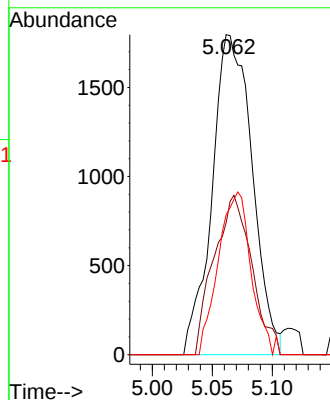
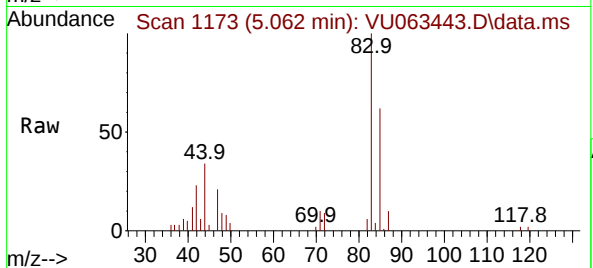
LOQ-WATER-02-QT2-2025

Tgt Ion:	42	Resp:	418
Ion Ratio	Lower	Upper	
42	100		
72	47.0	35.4	53.2
71	41.6	31.4	47.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#42

1-Chlorobutane

Concen: 0.921 ug/l m

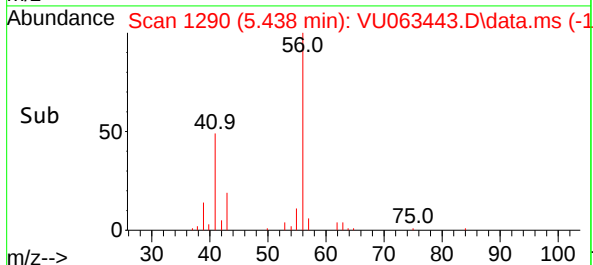
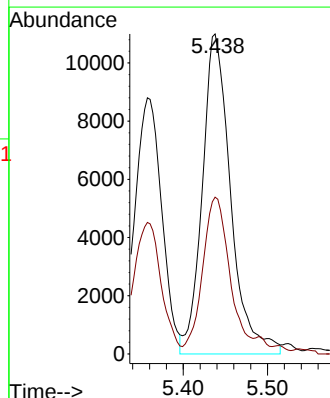
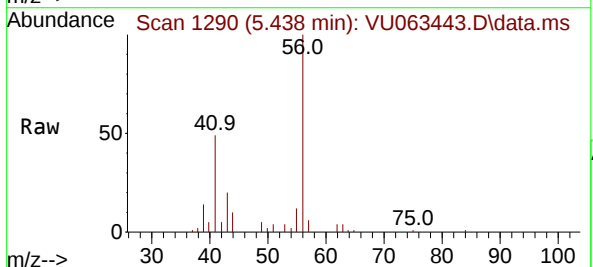
RT: 5.438 min Scan# 1290

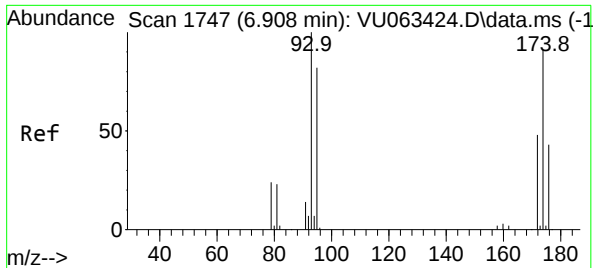
Delta R.T. -0.000 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

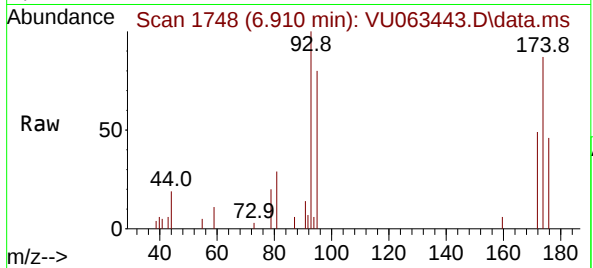
Tgt Ion:	56	Resp:	25744
Ion Ratio	Lower	Upper	
56	100		
41	42.1	26.4	79.0





#43
Dibromomethane
Concen: 0.947 ug/l
RT: 6.910 min Scan# 1748
Delta R.T. 0.002 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

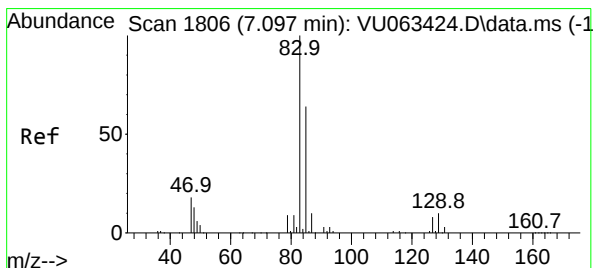
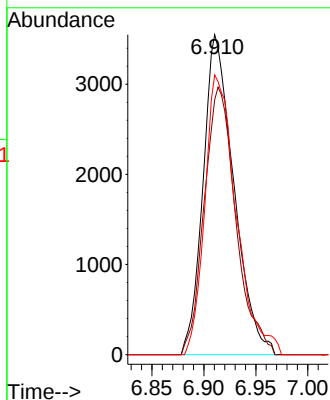
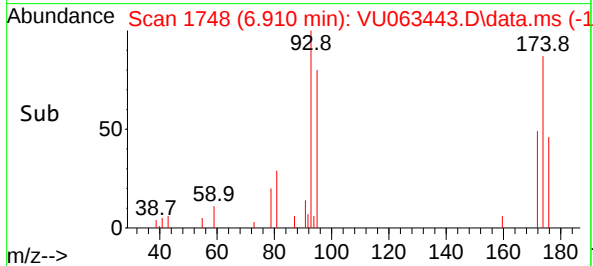
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



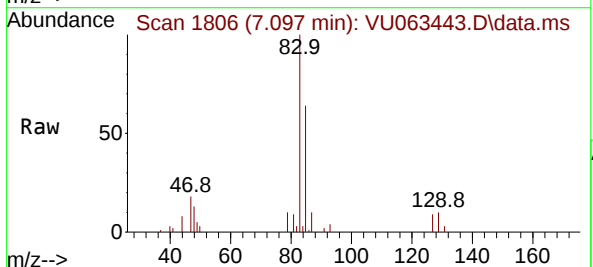
Tgt Ion: 93 Resp: 728
Ion Ratio Lower Upper
93 100
95 86.0 66.7 100.1
174 89.4 71.1 106.7

Manual Integrations
APPROVED

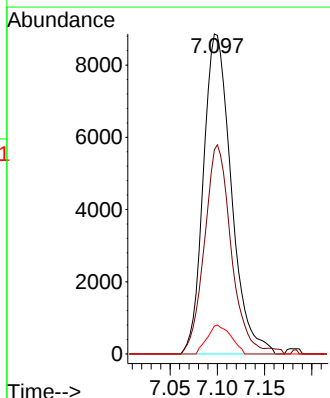
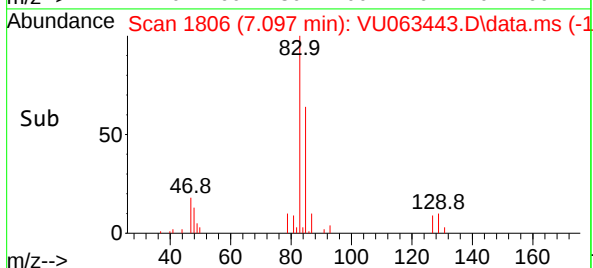
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

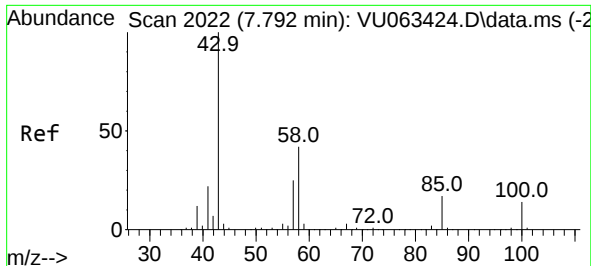


#44
Bromodichloromethane
Concen: 0.969 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54



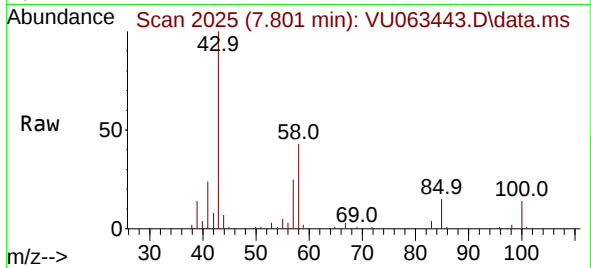
Tgt Ion: 83 Resp: 18149
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.2
127 8.7 6.6 10.0





#45
4-Methyl-2-Pentanone
Concen: 3.993 ug/l
RT: 7.801 min Scan# 2025
Delta R.T. 0.009 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

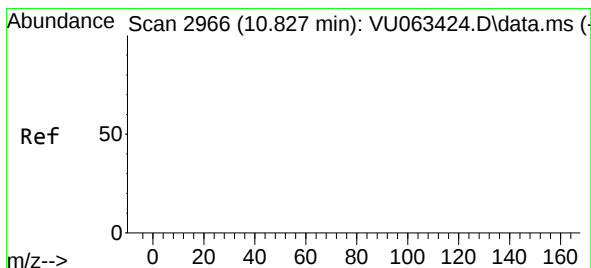
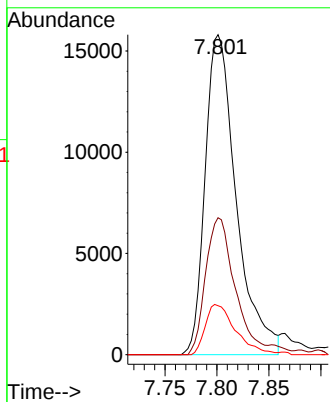
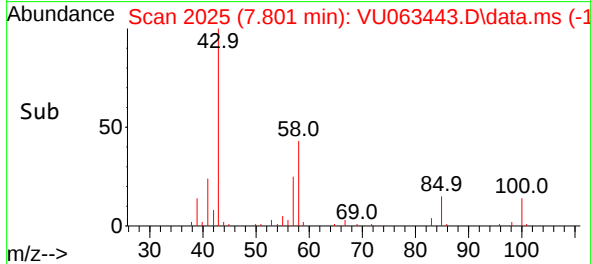
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 3296
Ion Ratio Lower Upper
43 100
58 40.3 20.5 61.6
85 15.3 14.2 21.2

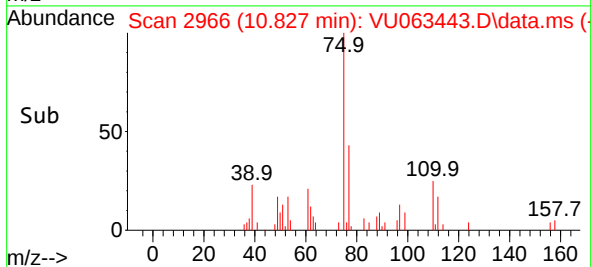
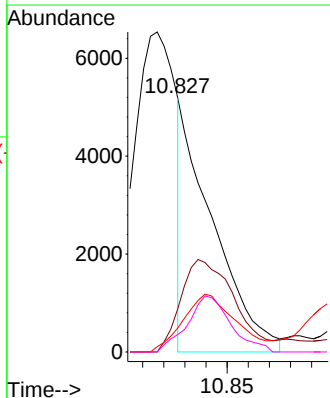
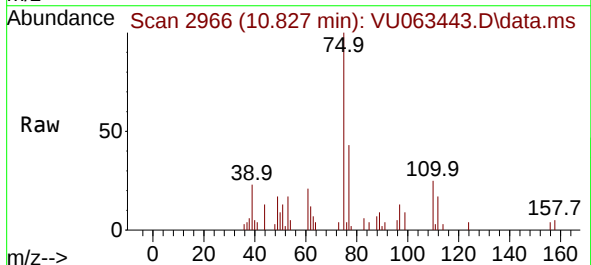
Manual Integrations
APPROVED

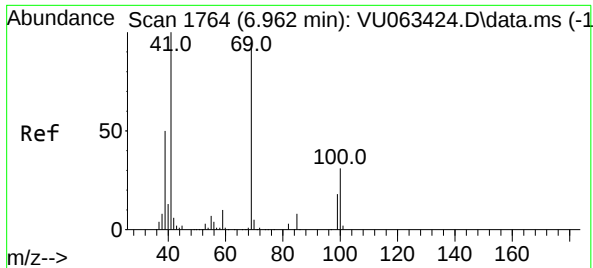
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#46
t-1,4-Dichloro-2-butene
Concen: 1.980 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

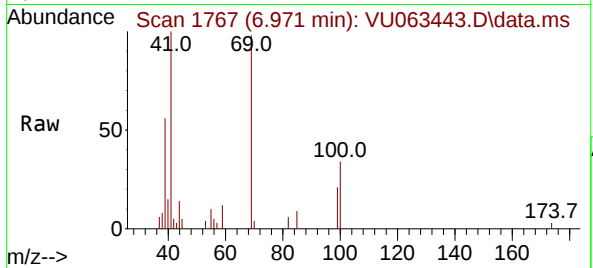
Tgt Ion: 75 Resp: 5372
Ion Ratio Lower Upper
75 100
53 61.6 61.4 92.2
89 37.5 39.2 58.8#
88 30.3 30.1 45.1





#47
Methyl methacrylate
Concen: 1.595 ug/l
RT: 6.971 min Scan# 1767
Delta R.T. 0.009 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

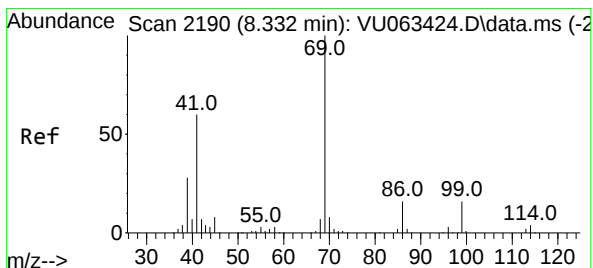
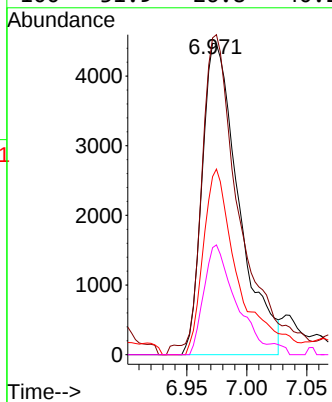
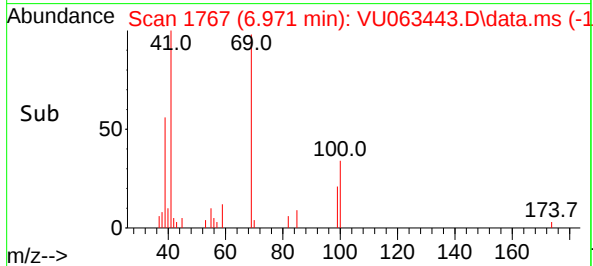
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 69 Resp: 950
Ion Ratio Lower Upper
69 100
41 107.6 0.0 212.6
39 57.4 40.6 61.0
100 31.9 26.8 40.2

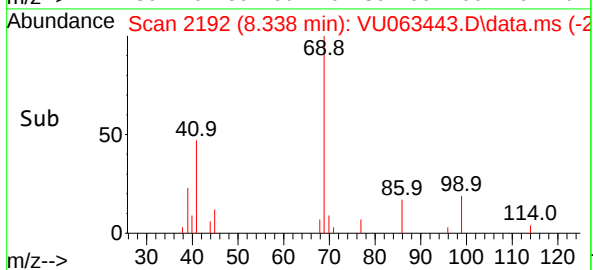
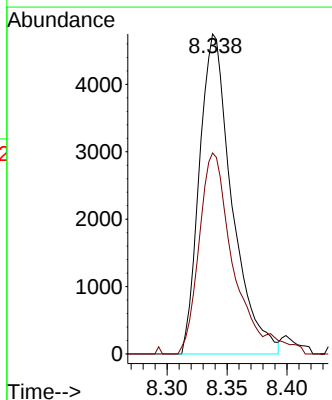
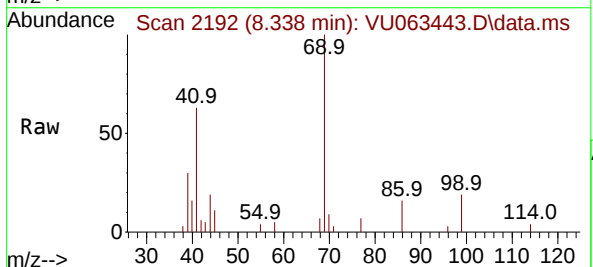
Manual Integrations
APPROVED

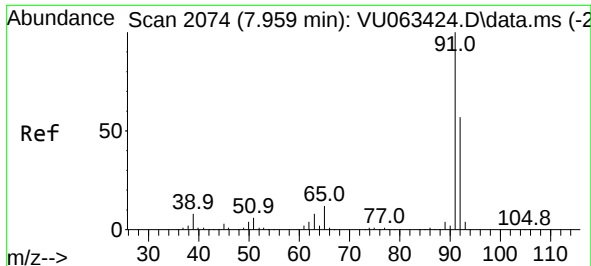
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#48
Ethyl methacrylate
Concen: 0.838 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

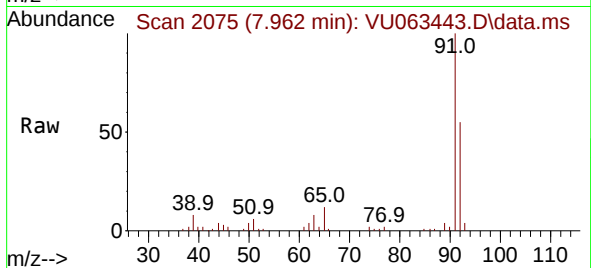
Tgt Ion: 69 Resp: 8943
Ion Ratio Lower Upper
69 100
41 67.1 30.6 92.0





#49
Toluene
Concen: 0.846 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

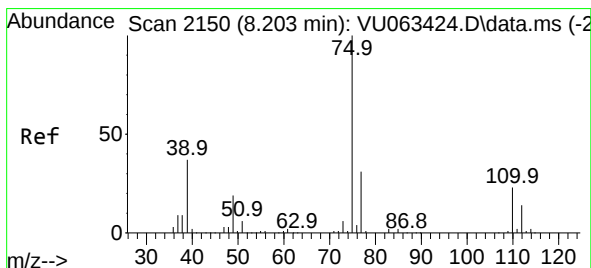
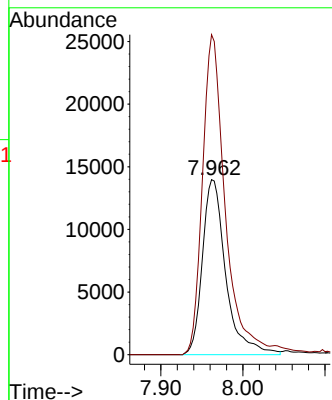
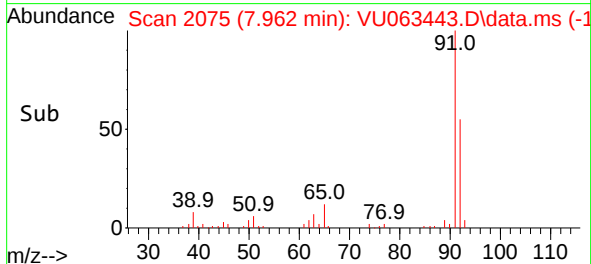
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 92 Resp: 2769
Ion Ratio Lower Upper
92 100
91 176.5 142.0 213.0

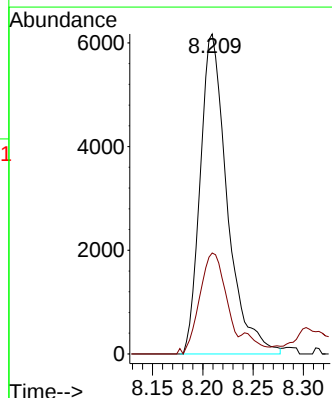
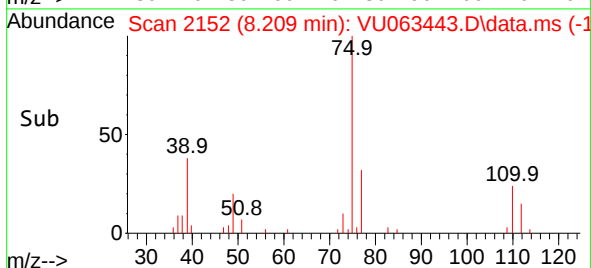
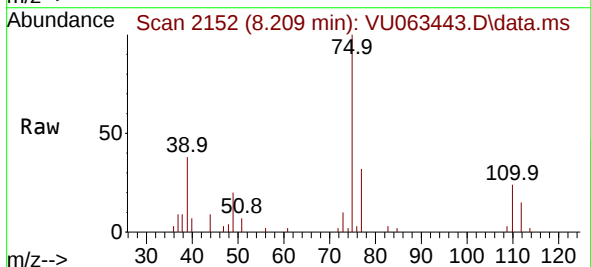
Manual Integrations
APPROVED

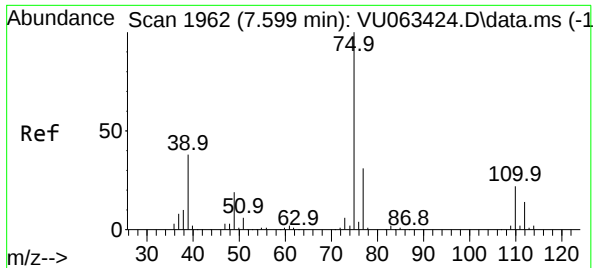
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#50
t-1,3-Dichloropropene
Concen: 0.852 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

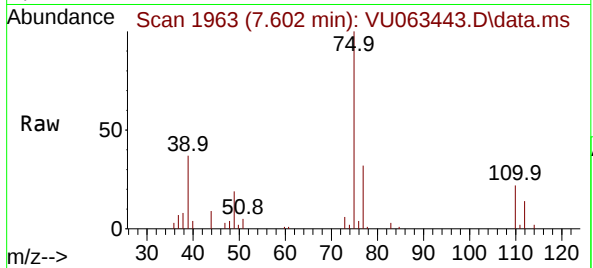
Tgt Ion: 75 Resp: 11508
Ion Ratio Lower Upper
75 100
77 29.8 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 0.865 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

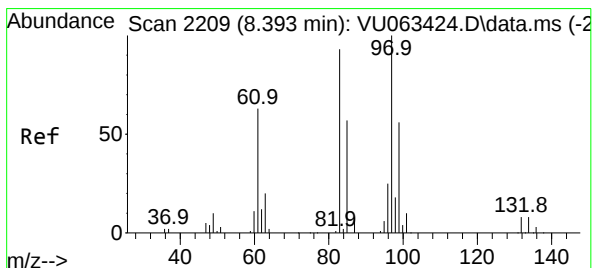
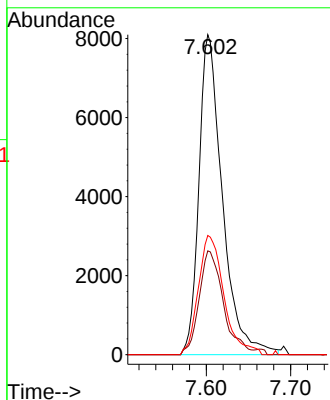
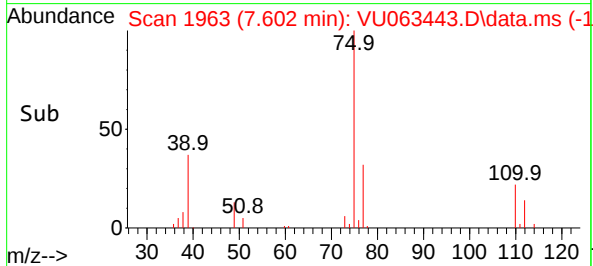
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion: 75 Resp: 1568
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.8 37.2
 39 37.3 30.7 46.1

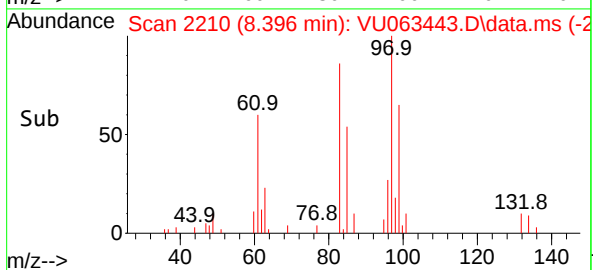
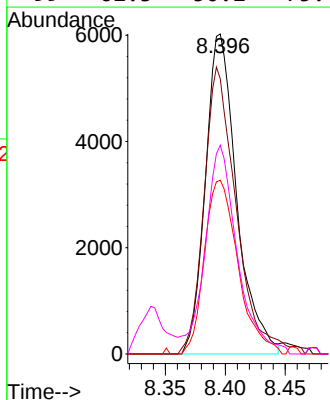
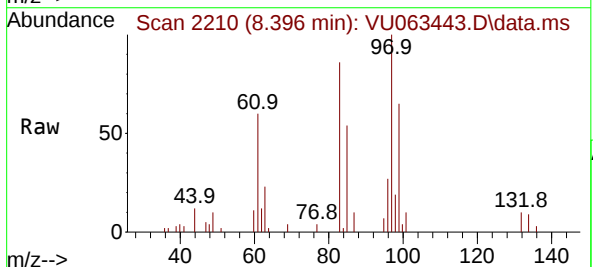
Manual Integrations
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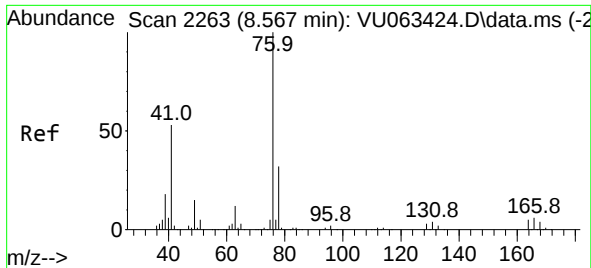
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.971 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

Tgt Ion: 97 Resp: 10917
 Ion Ratio Lower Upper
 97 100
 83 86.0 74.1 111.1
 85 54.3 45.8 68.8
 99 62.3 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.929 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 1796

Ion Ratio Lower Upper

76 100

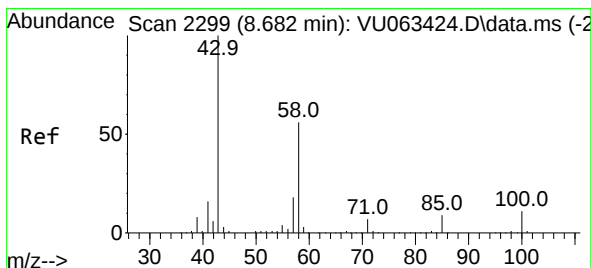
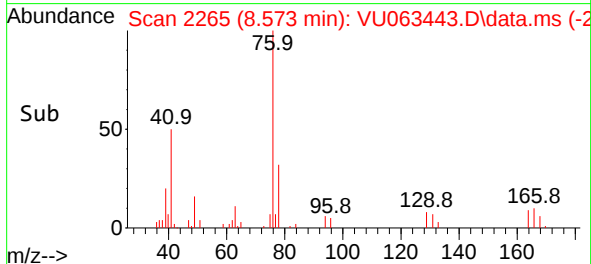
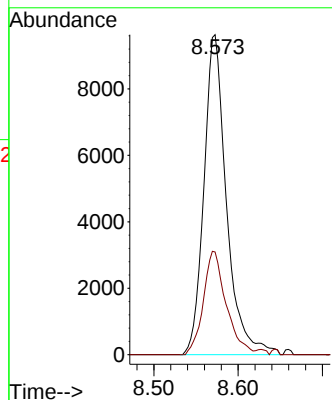
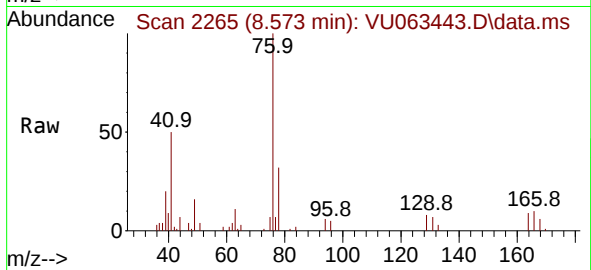
78 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#54

2-Hexanone

Concen: 3.993 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.013 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

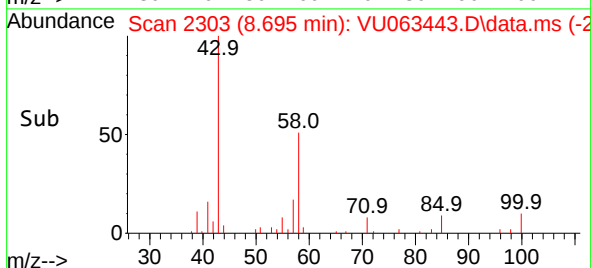
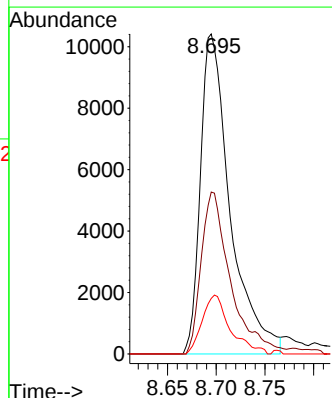
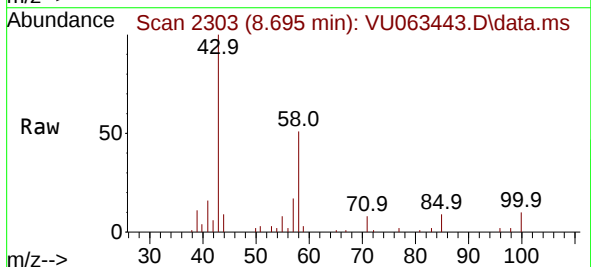
Tgt Ion: 43 Resp: 22115

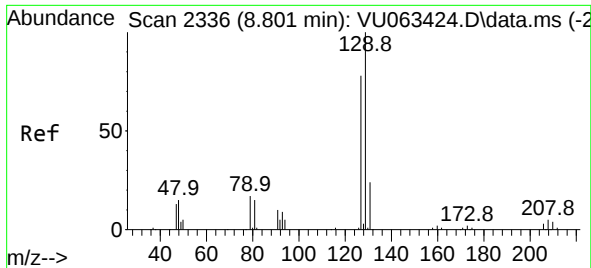
Ion Ratio Lower Upper

43 100

58 49.9 36.9 76.9

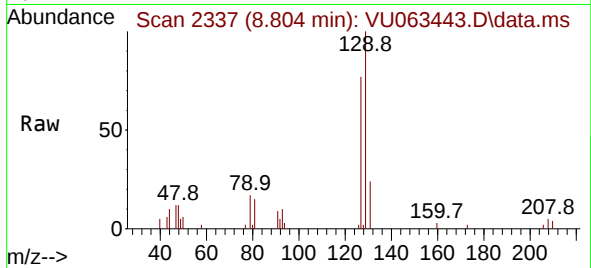
57 17.3 0.0 38.8





#55
Dibromochloromethane
Concen: 0.946 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

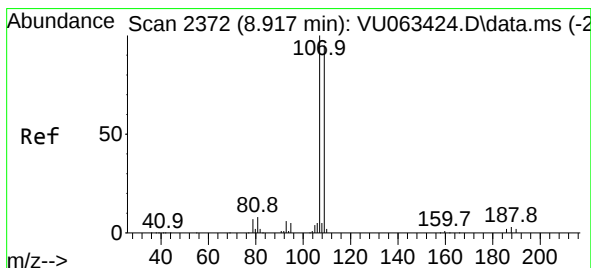
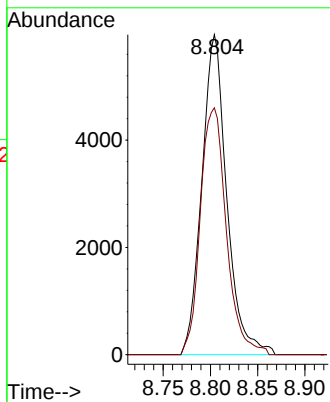
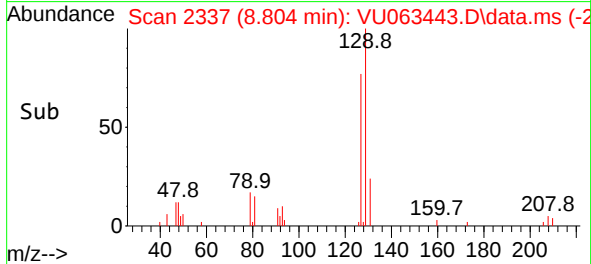
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:129 Resp: 1096
Ion Ratio Lower Upper
129 100
127 80.3 62.6 93.8

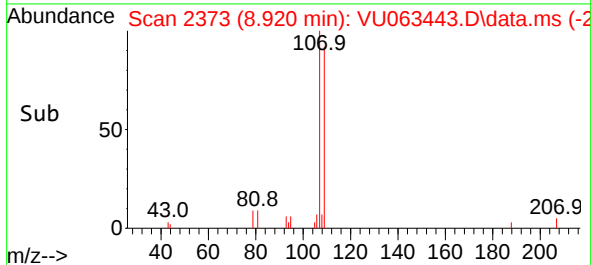
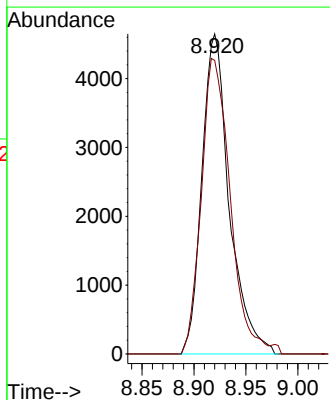
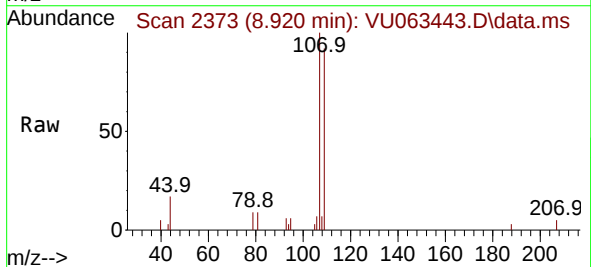
Manual Integrations
APPROVED

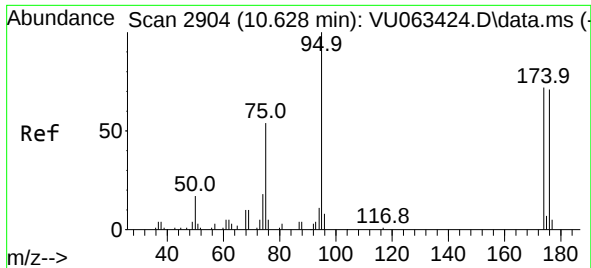
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#56
1,2-Dibromoethane
Concen: 0.936 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

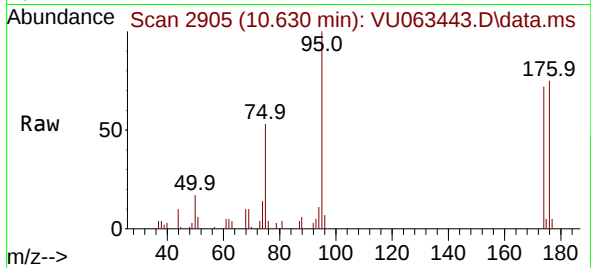
Tgt Ion:107 Resp: 8529
Ion Ratio Lower Upper
107 100
109 97.8 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.913 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.002 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

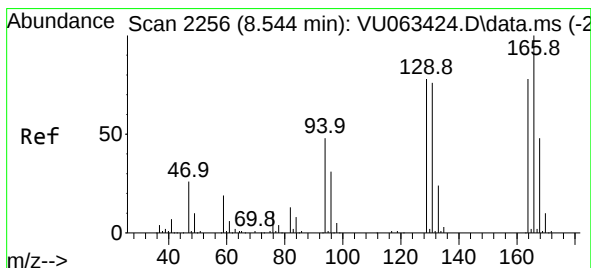
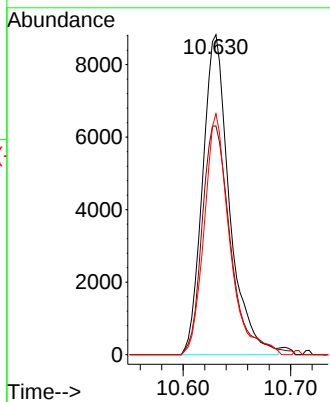
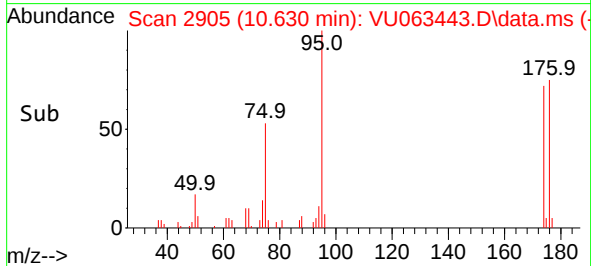
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 95 Resp: 15334
Ion Ratio Lower Upper
95 100
174 75.8 59.4 89.2
176 71.3 57.8 86.6

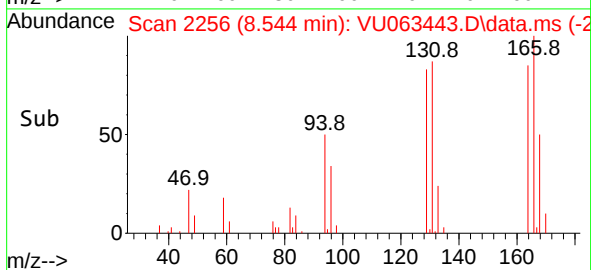
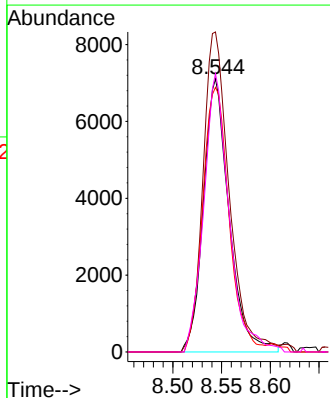
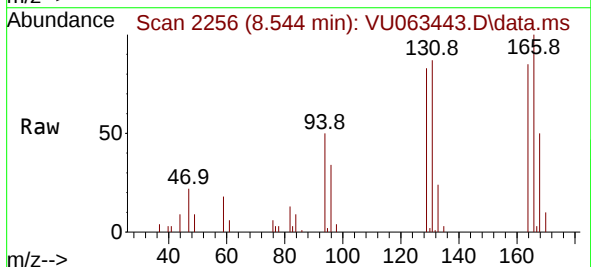
Manual Integrations
APPROVED

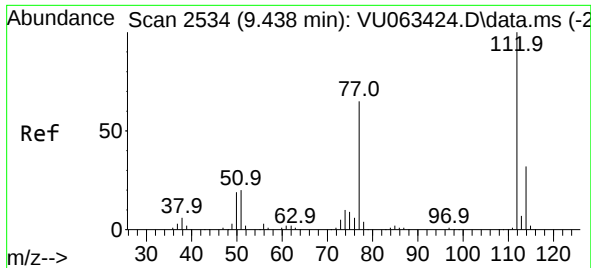
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#58
Tetrachloroethene
Concen: 0.947 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

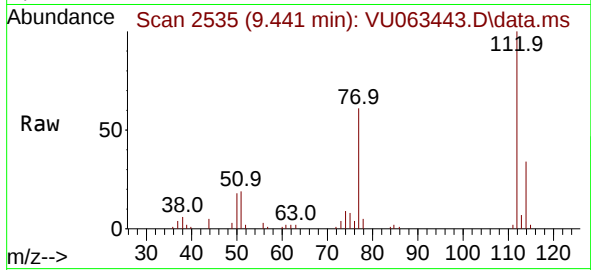
Tgt Ion:164 Resp: 13084
Ion Ratio Lower Upper
164 100
166 117.1 102.8 154.2
129 96.9 80.2 120.2
131 101.9 77.9 116.9





#59
Chlorobenzene
Concen: 0.907 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

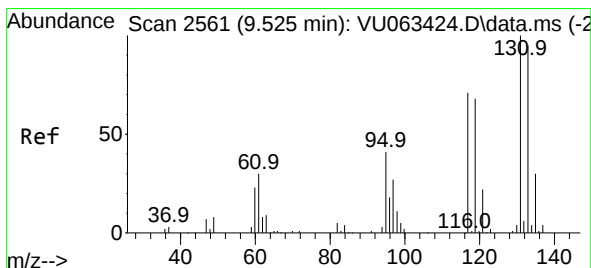
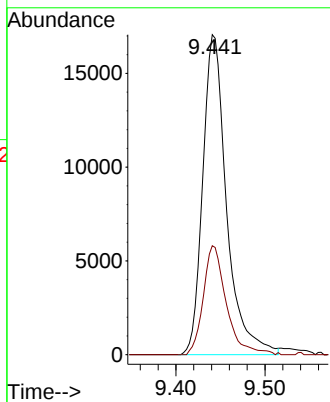
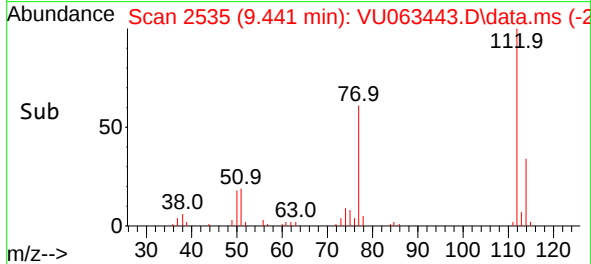
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



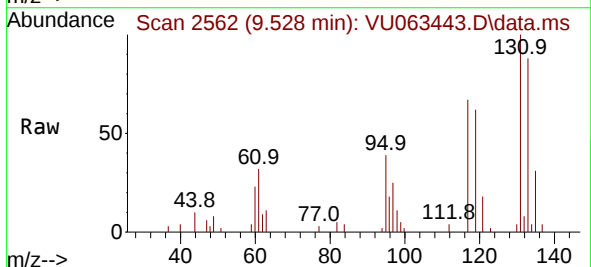
Tgt Ion:112 Resp: 31760
Ion Ratio Lower Upper
112 100
114 34.0 25.7 38.5

Manual Integrations
APPROVED

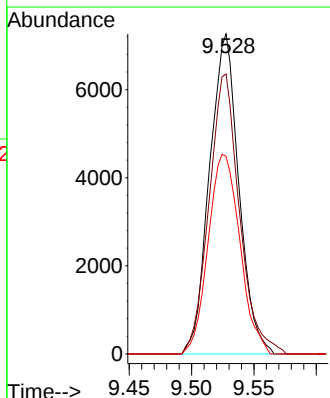
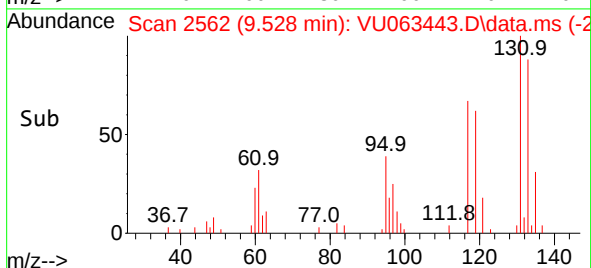
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

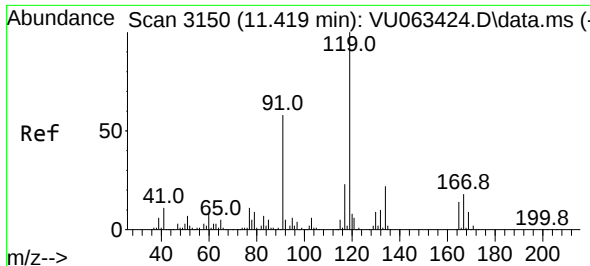


#60
1,1,1,2-Tetrachloroethane
Concen: 0.944 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54



Tgt Ion:131 Resp: 11906
Ion Ratio Lower Upper
131 100
133 90.7 76.1 114.1
119 67.5 53.7 80.5





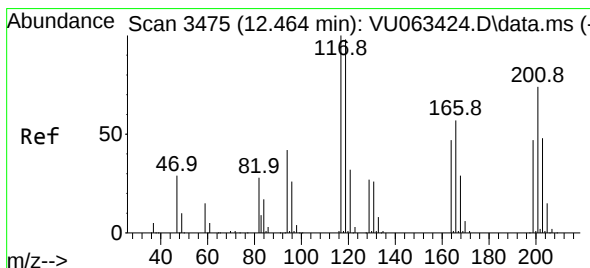
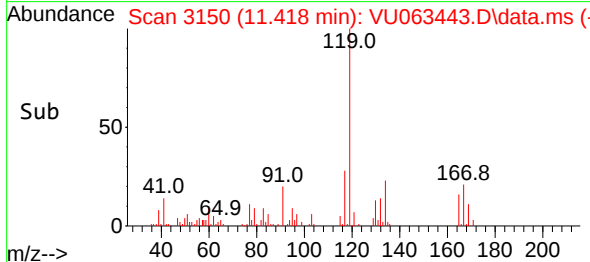
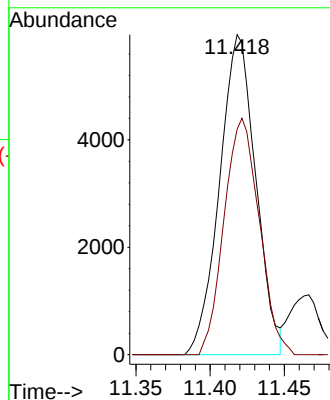
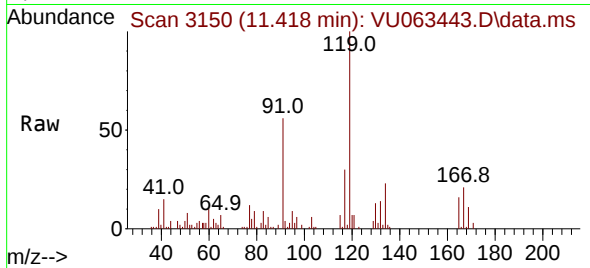
#61
Pentachloroethane
Concen: 0.982 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

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

Tgt Ion:117 Resp: 10089
Ion Ratio Lower Upper
117 100
167 71.8 58.1 87.1

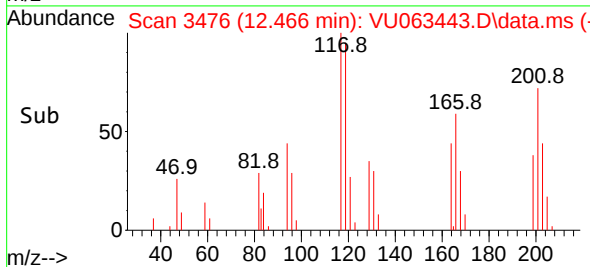
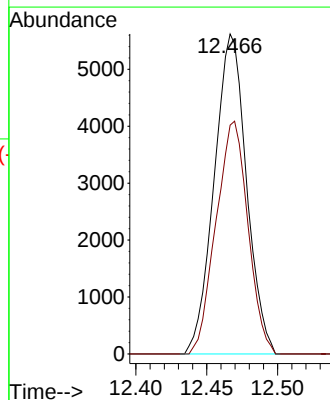
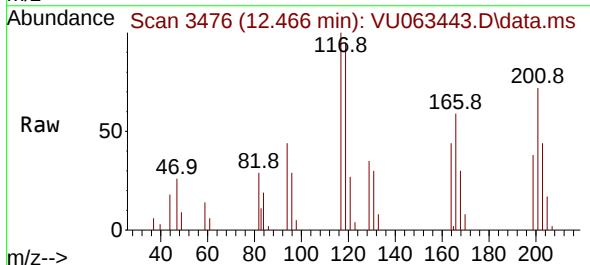
Manual Integrations
APPROVED

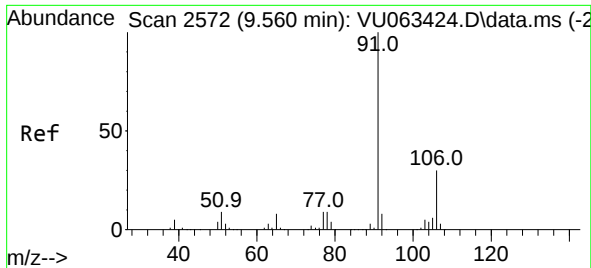
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#62
Hexachloroethane
Concen: 0.964 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:117 Resp: 8907
Ion Ratio Lower Upper
117 100
201 71.9 60.4 90.6





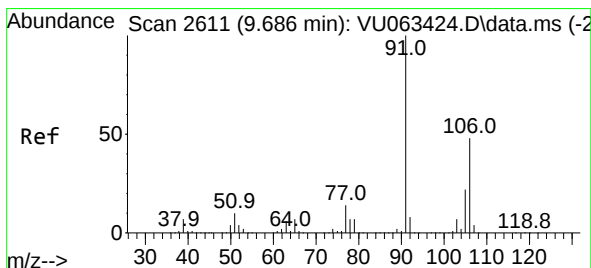
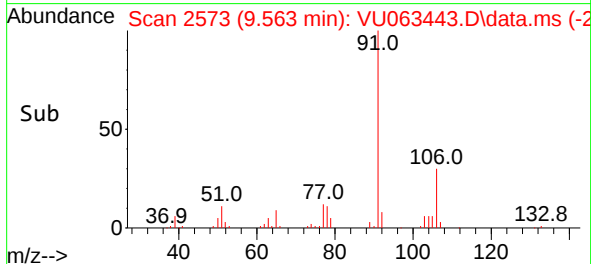
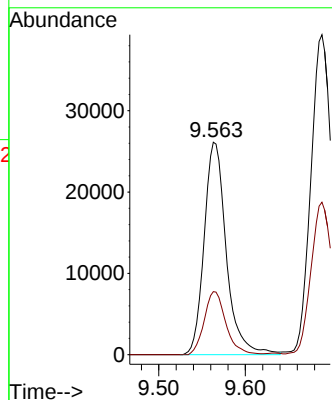
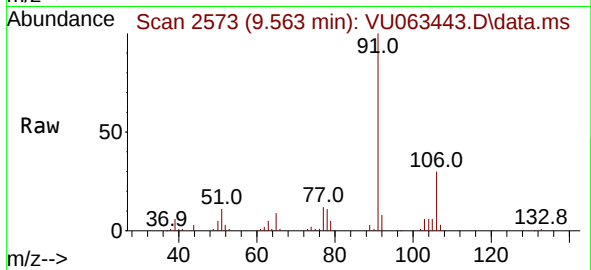
#63
Ethyl Benzene
Concen: 0.828 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

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

Tgt Ion: 91 Resp: 46492
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

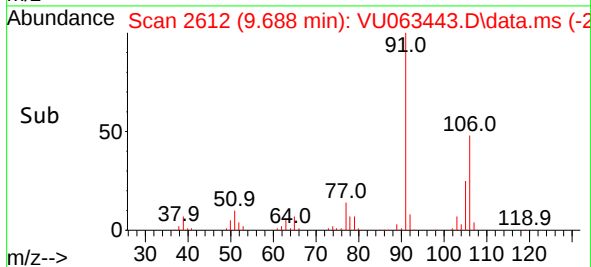
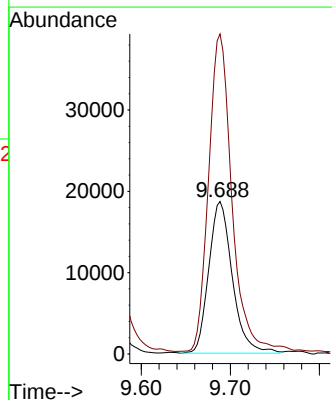
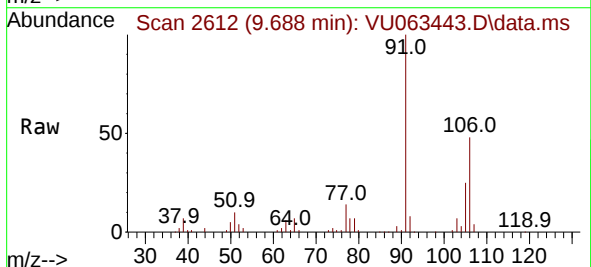
Manual Integrations
APPROVED

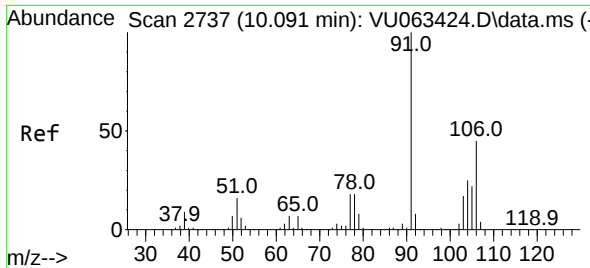
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#64
m/p-Xylenes
Concen: 1.560 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:106 Resp: 34191
Ion Ratio Lower Upper
106 100
91 208.9 169.9 254.9





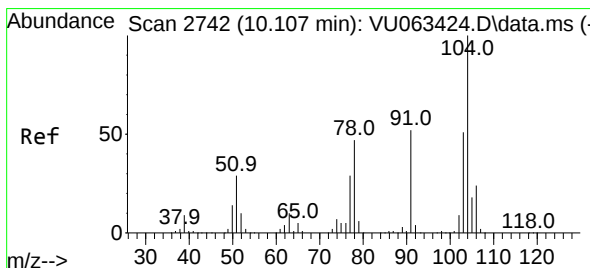
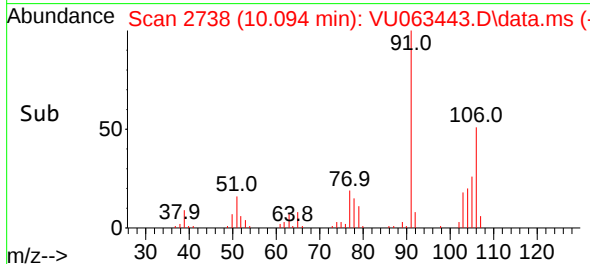
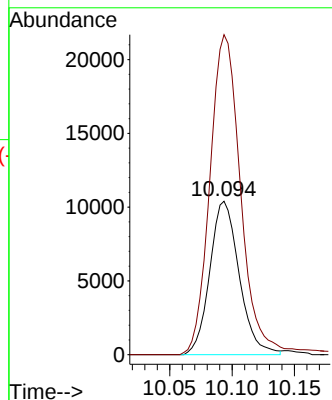
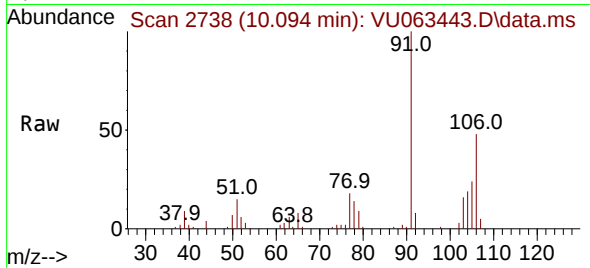
#65
o-Xylene
Concen: 0.801 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

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

Tgt Ion:106 Resp: 17090
Ion Ratio Lower Upper
106 100
91 220.9 110.8 332.3

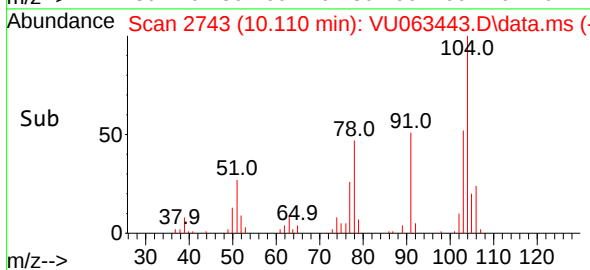
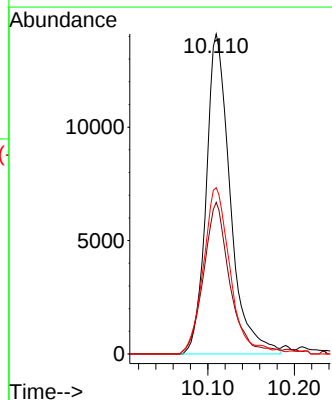
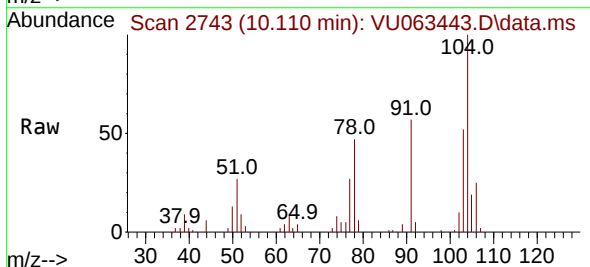
Manual Integrations
APPROVED

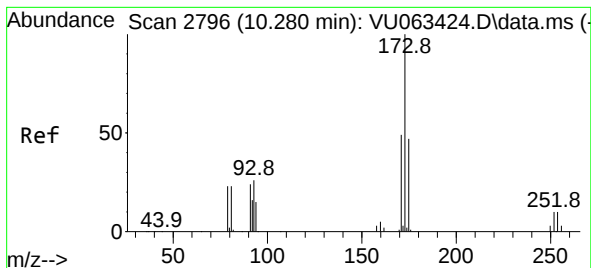
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#66
Styrene
Concen: 0.785 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:104 Resp: 27287
Ion Ratio Lower Upper
104 100
78 51.6 41.6 62.4
103 57.9 44.6 67.0





#67

Bromoform

Concen: 0.896 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063443.D

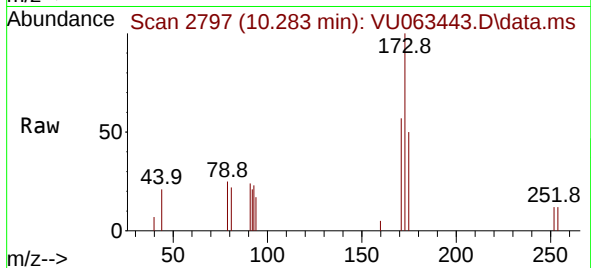
Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025



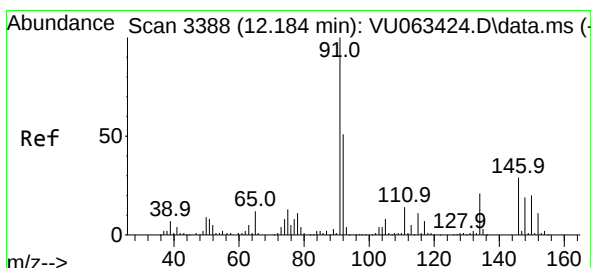
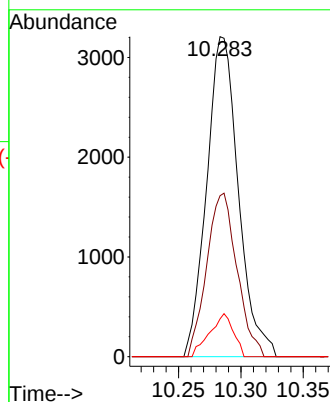
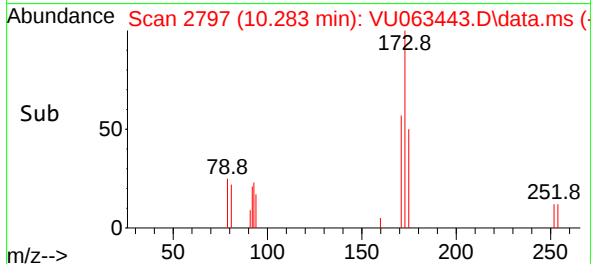
Tgt Ion:	173	Resp:	5679
Ion Ratio	Lower	Upper	
173	100		
175	48.7	38.2	57.2
254	10.1	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.958 ug/l

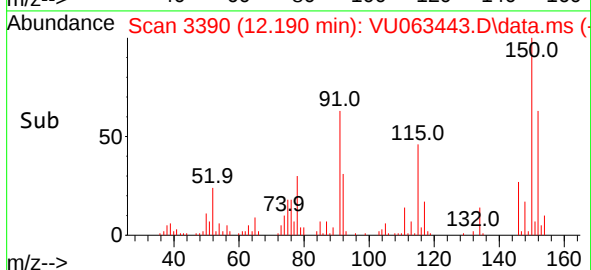
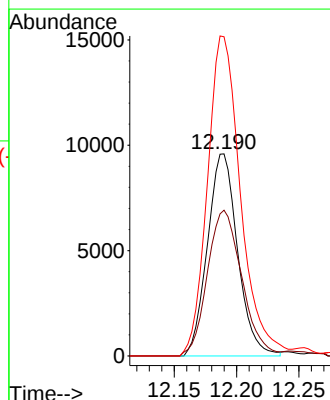
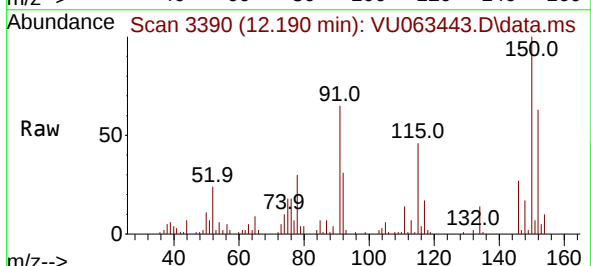
RT: 12.190 min Scan# 3390

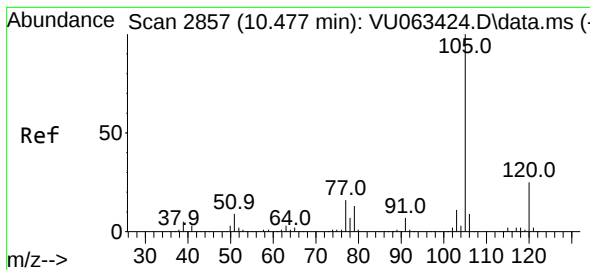
Delta R.T. 0.006 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Tgt Ion:	152	Resp:	16154
Ion Ratio	Lower	Upper	
152	100		
115	82.1	0.0	327.6
150	174.1	0.0	664.4





#69

Isopropylbenzene

Concen: 0.837 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.001 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:105 Resp: 41384

Ion Ratio Lower Upper

105 100

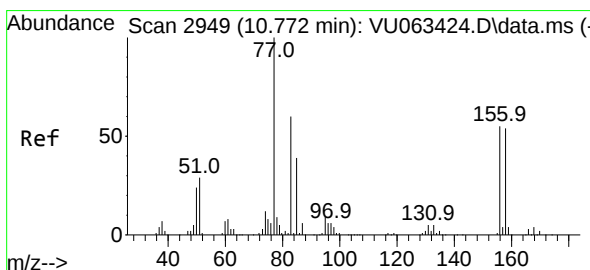
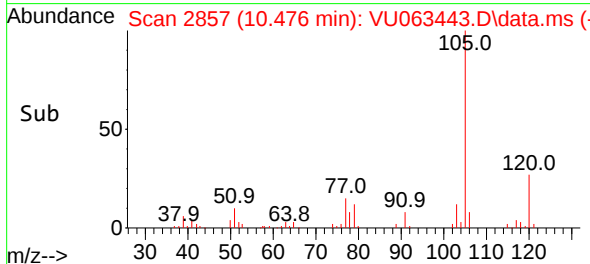
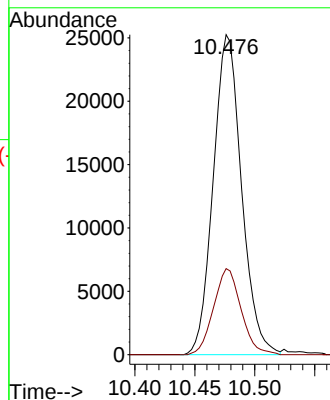
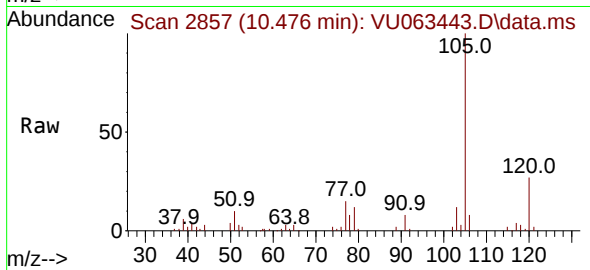
120 26.1 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 1.018 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

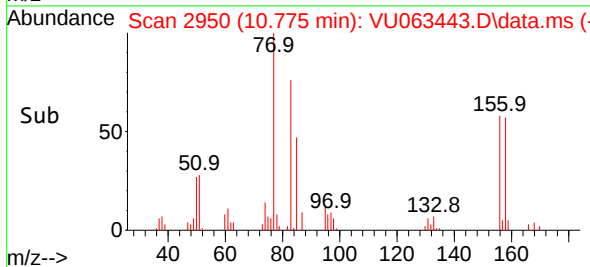
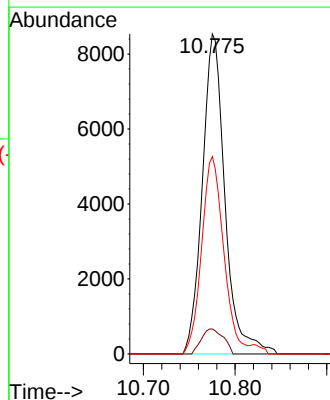
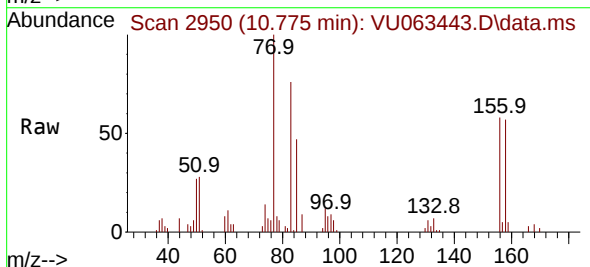
Tgt Ion: 83 Resp: 14645

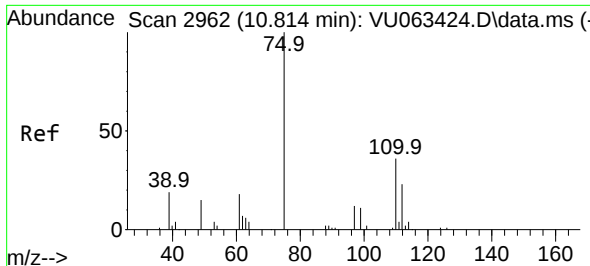
Ion Ratio Lower Upper

83 100

131 7.6 7.4 11.0

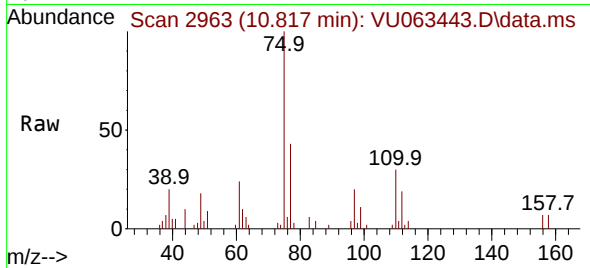
85 59.9 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 1.062 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

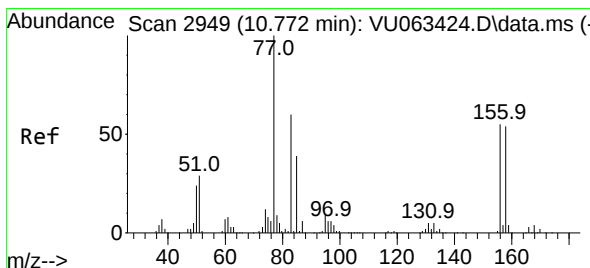
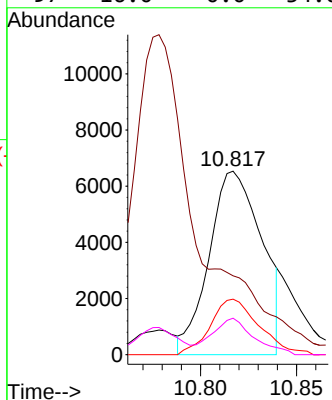
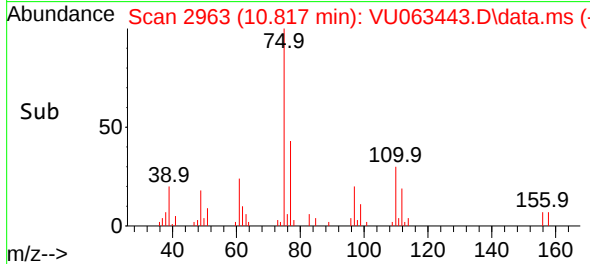
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



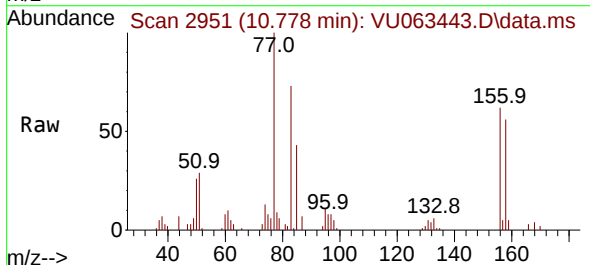
Tgt Ion: 75 Resp: 1247
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 28.0 0.0 63.4
97 16.0 0.0 34.0

Manual Integrations
APPROVED

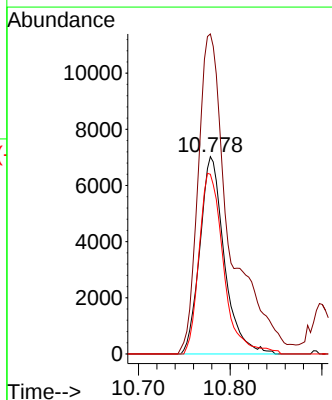
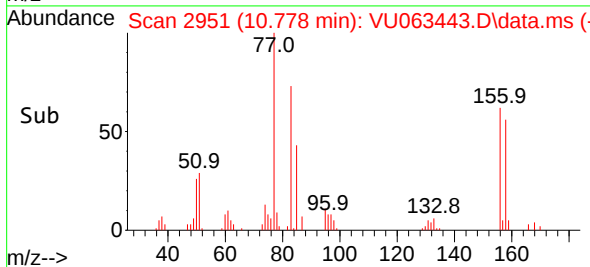
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

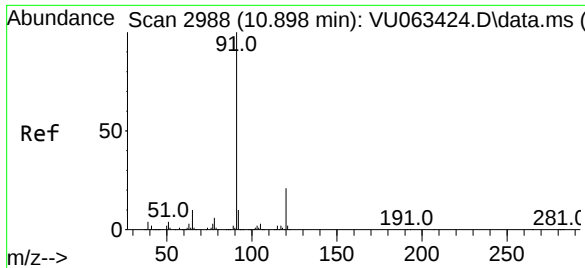


#72
Bromobenzene
Concen: 0.939 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54



Tgt Ion:156 Resp: 13033
Ion Ratio Lower Upper
156 100
77 210.1 0.0 416.2
158 91.9 0.0 190.6





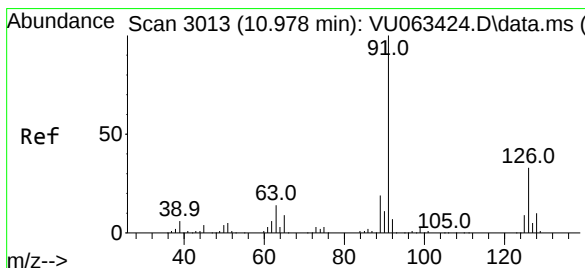
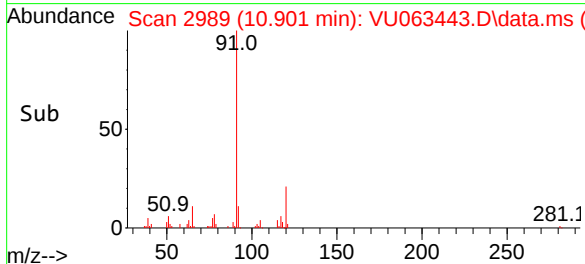
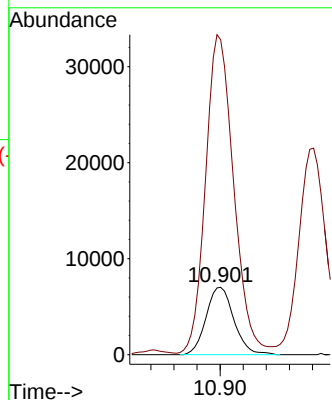
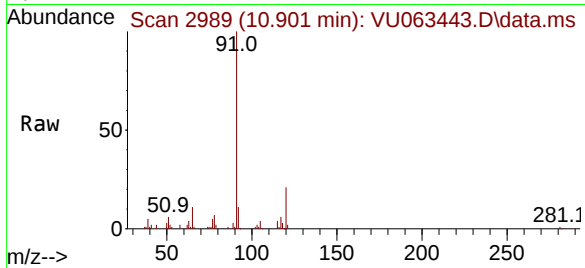
#73
n-propylbenzene
Concen: 0.782 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

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

Tgt Ion:120 Resp: 1172
Ion Ratio Lower Upper
120 100
91 476.2 373.7 560.5

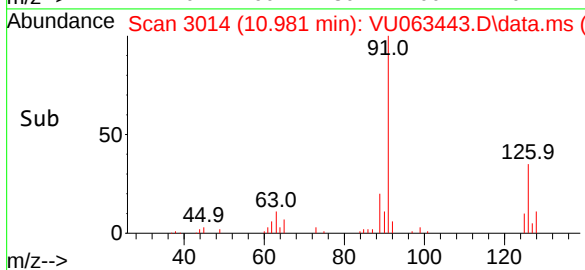
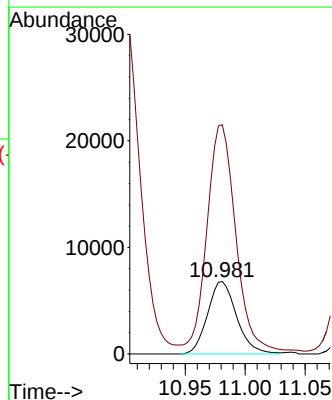
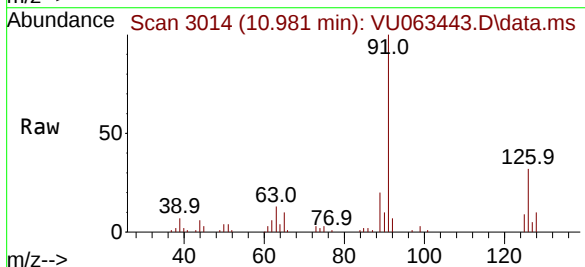
Manual Integrations
APPROVED

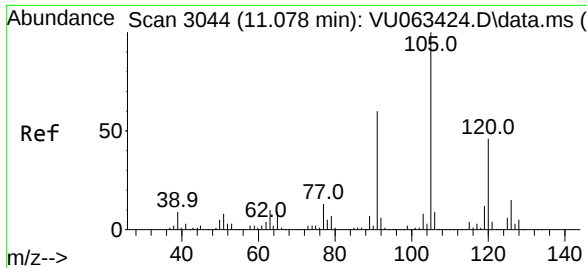
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#74
2-Chlorotoluene
Concen: 0.837 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:126 Resp: 11473
Ion Ratio Lower Upper
126 100
91 310.5 0.0 650.8





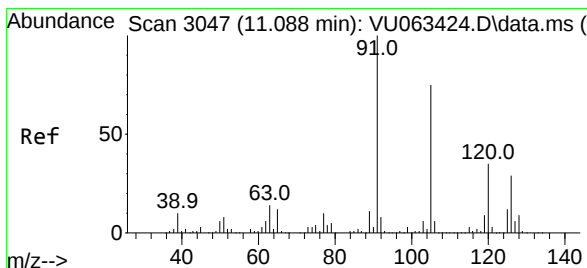
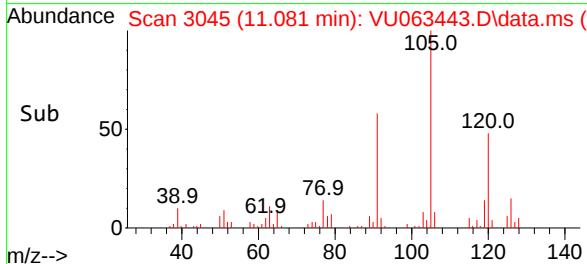
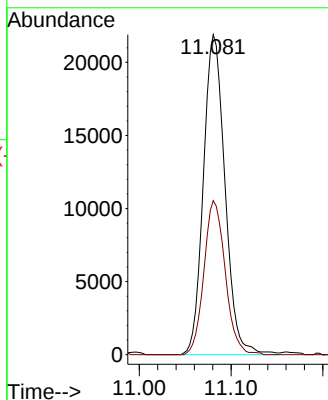
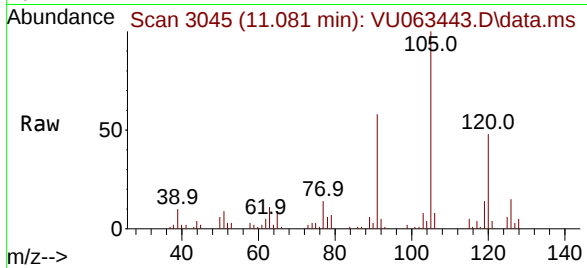
#75
1,3,5-Trimethylbenzene
Concen: 0.746 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

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

Tgt Ion:105 Resp: 35849
Ion Ratio Lower Upper
105 100
120 47.5 37.0 55.4

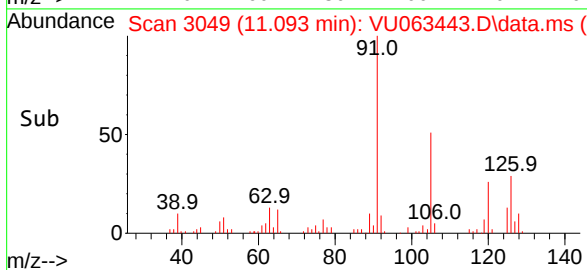
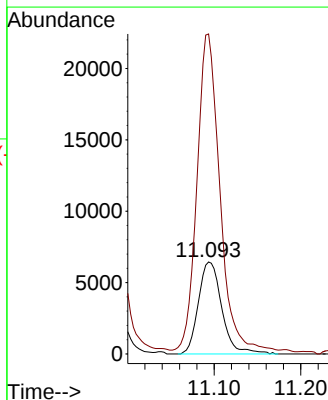
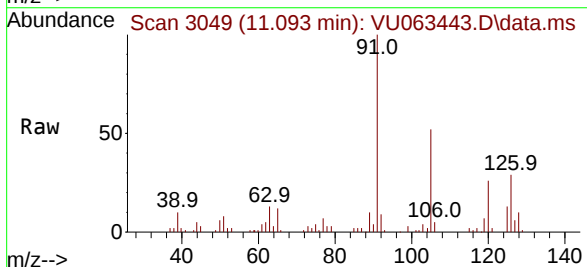
Manual Integrations
APPROVED

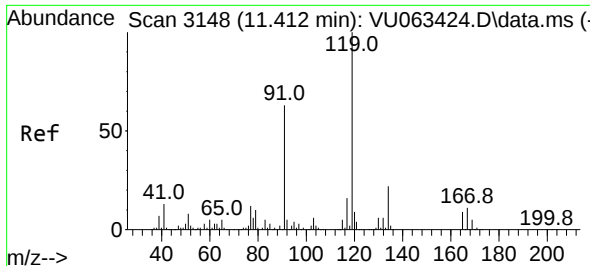
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#76
4-Chlorotoluene
Concen: 0.842 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.005 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

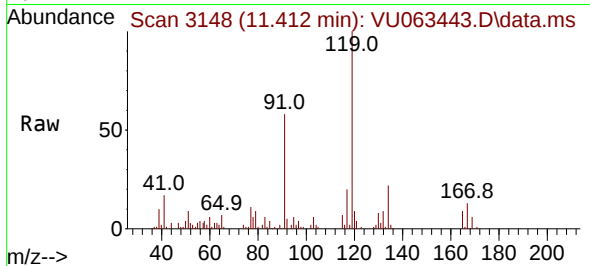
Tgt Ion:126 Resp: 12103
Ion Ratio Lower Upper
126 100
91 333.0 0.0 713.2





#77
tert-Butylbenzene
Concen: 0.849 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

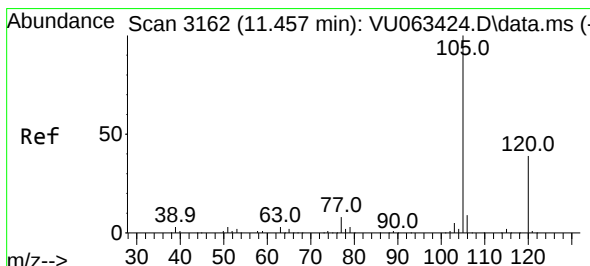
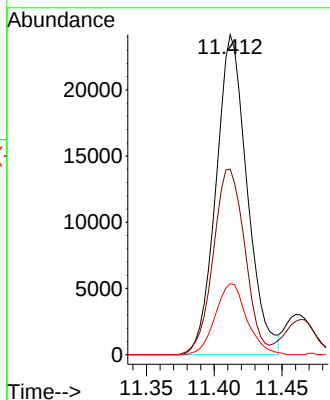
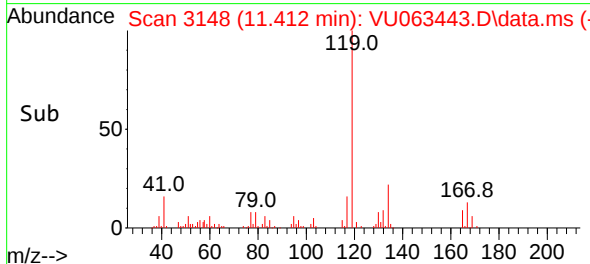
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:119 Resp: 38574
Ion Ratio Lower Upper
119 100
91 59.1 30.9 92.7
134 22.5 17.9 26.9

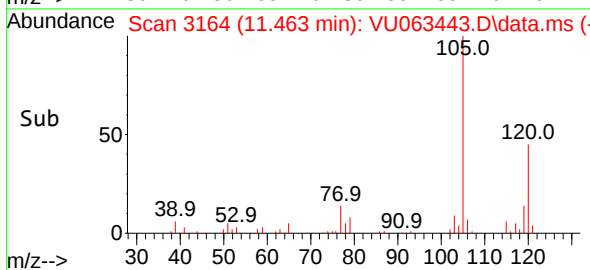
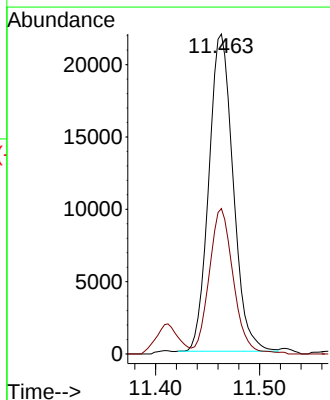
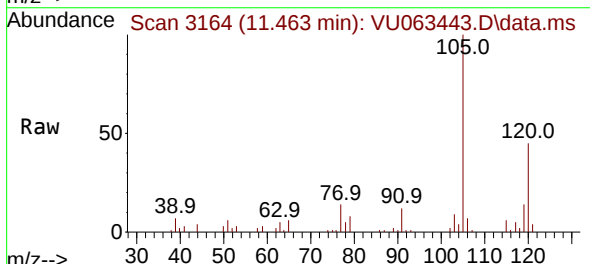
Manual Integrations
APPROVED

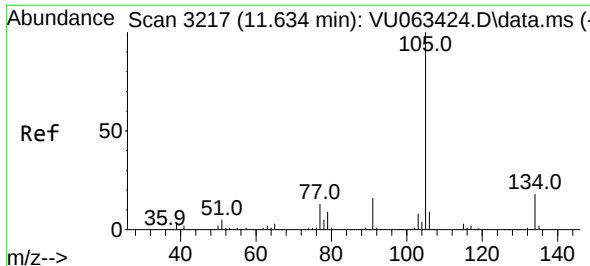
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#78
1,2,4-Trimethylbenzene
Concen: 0.737 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

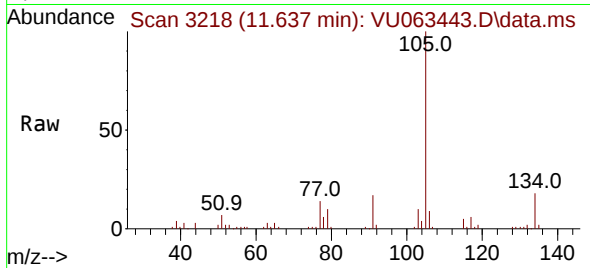
Tgt Ion:105 Resp: 35678
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.5





#79
 sec-Butylbenzene
 Concen: 0.783 ug/l
 RT: 11.637 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

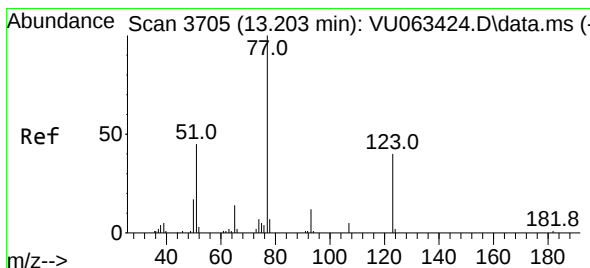
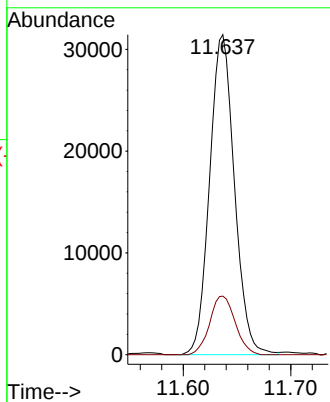
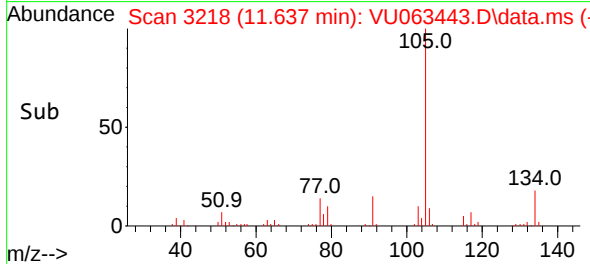
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion:105 Resp: 5038
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2

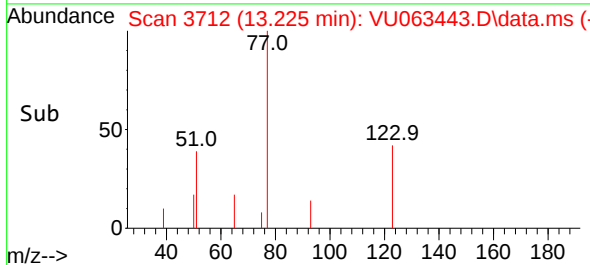
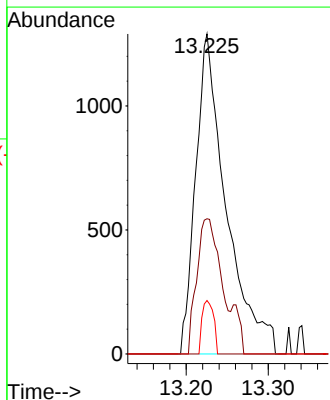
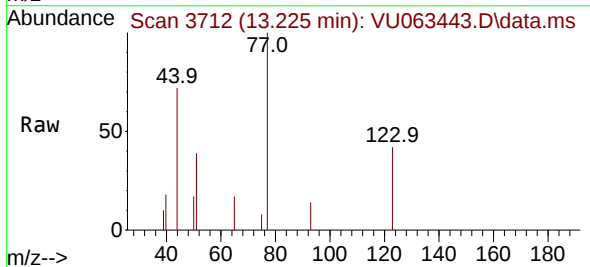
Manual Integrations
 APPROVED

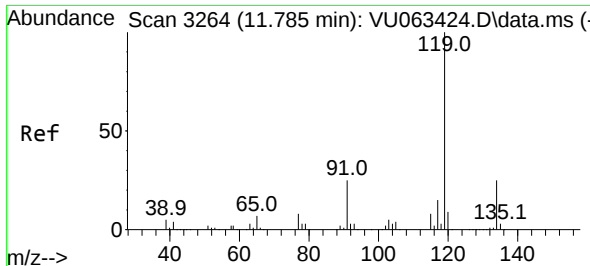
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#80
 Nitrobenzene
 Concen: 5.075 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

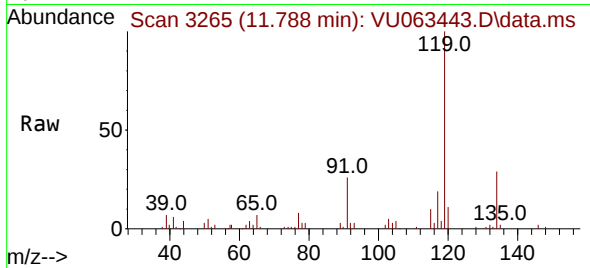
Tgt Ion: 77 Resp: 3325
 Ion Ratio Lower Upper
 77 100
 123 25.1 19.6 69.6
 65 6.2 10.6 13.4#





#81
p-Isopropyltoluene
Concen: 0.752 ug/l
RT: 11.788 min Scan# 3125
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

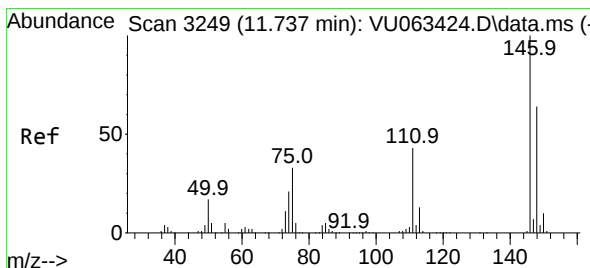
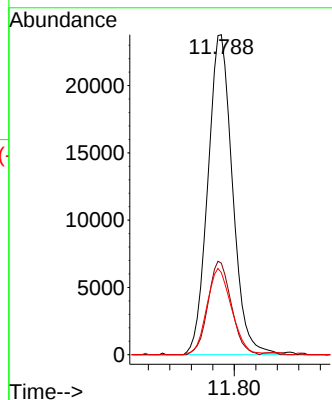
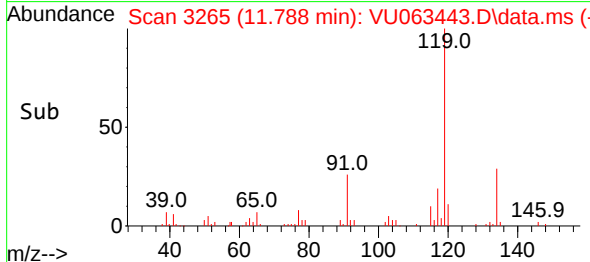
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



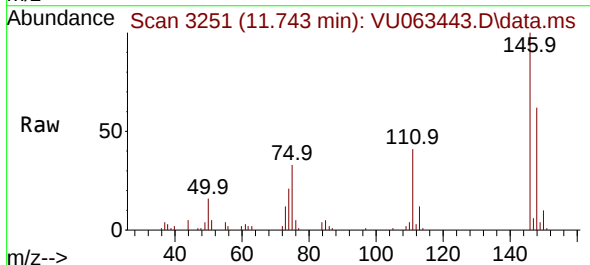
Tgt Ion:119 Resp: 3782
Ion Ratio Lower Upper
119 100
134 27.5 20.2 30.2
91 26.9 19.7 29.5

Manual Integrations
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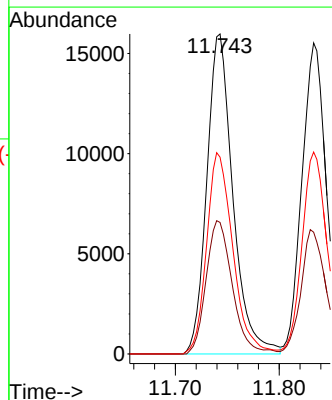
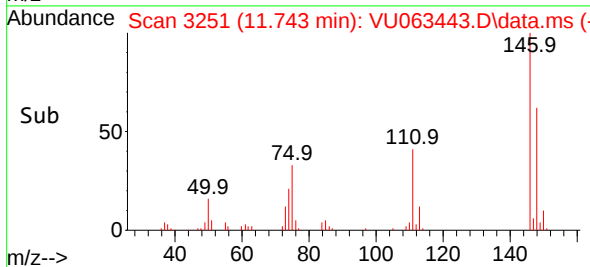
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

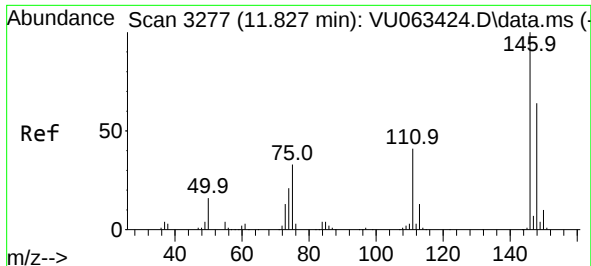


#82
1,3-Dichlorobenzene
Concen: 0.970 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54



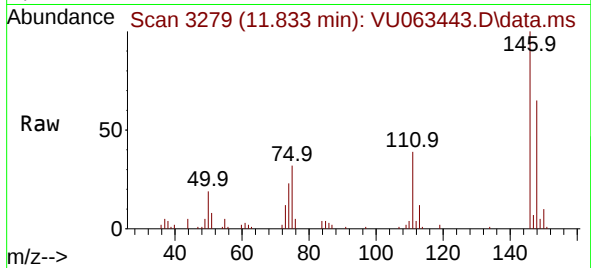
Tgt Ion:146 Resp: 27873
Ion Ratio Lower Upper
146 100
111 41.8 34.3 51.5
148 63.3 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.863 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

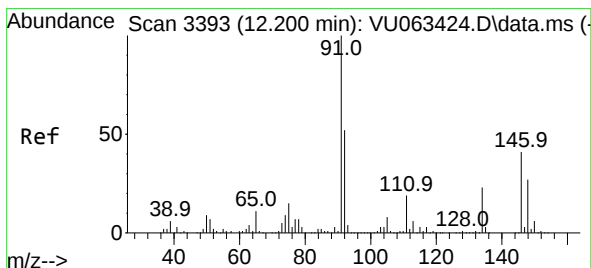
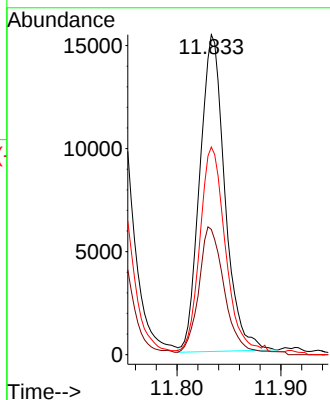
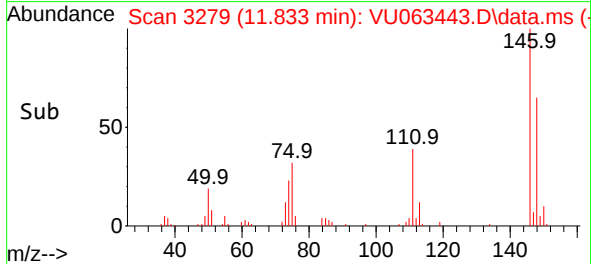
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



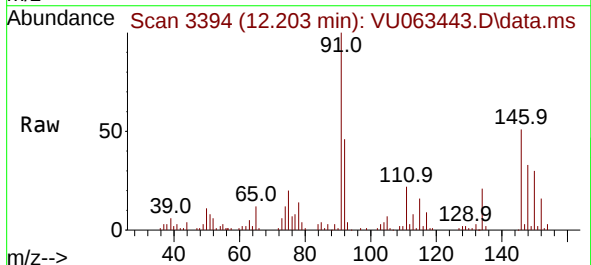
Tgt Ion:146 Resp: 25740
Ion Ratio Lower Upper
146 100
111 42.1 31.7 47.5
148 66.4 51.4 77.0

Manual Integrations
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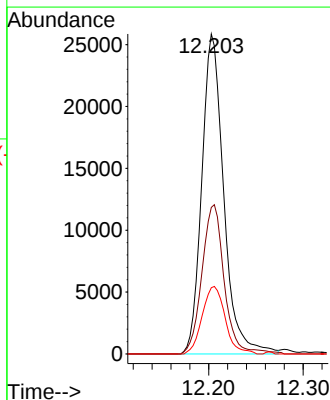
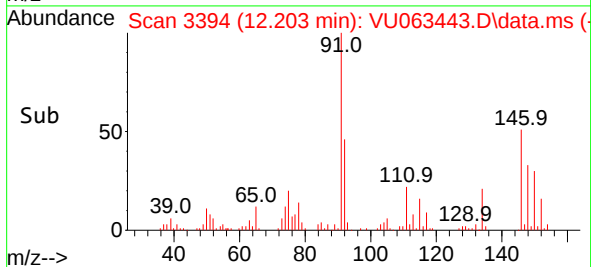
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

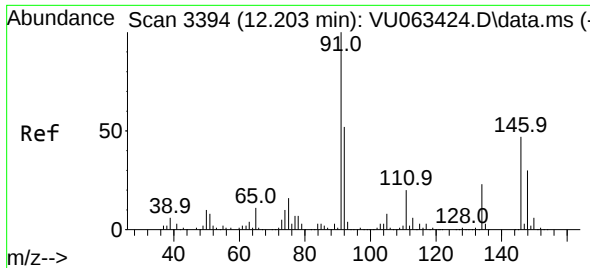


#84
n-Butylbenzene
Concen: 0.792 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54



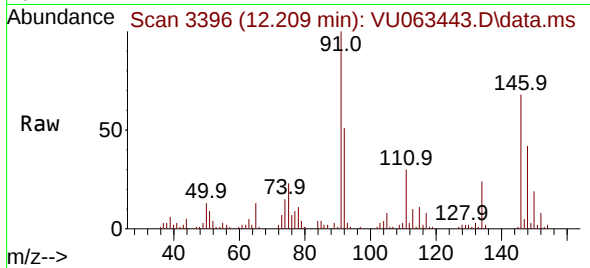
Tgt Ion: 91 Resp: 41719
Ion Ratio Lower Upper
91 100
92 47.5 41.0 61.6
134 22.1 18.5 27.7





#85
1,2-Dichlorobenzene
Concen: 0.942 ug/l
RT: 12.209 min Scan# 3394
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

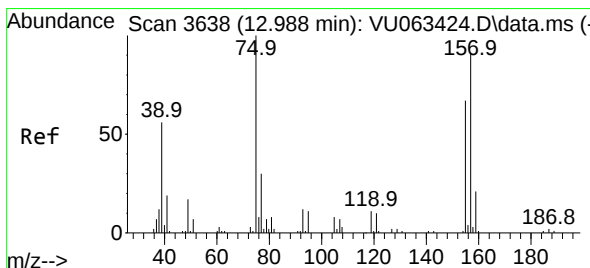
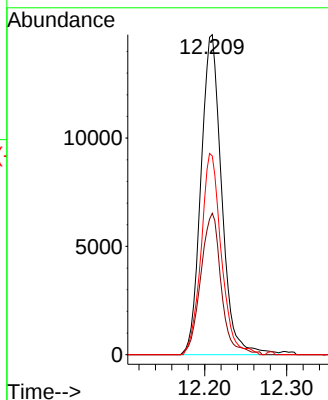
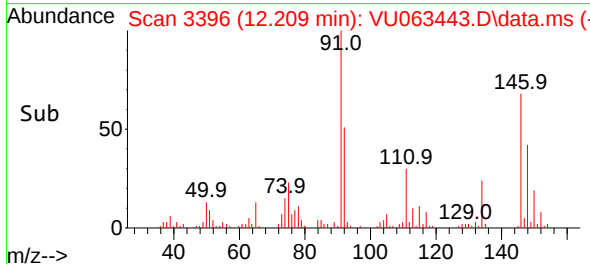
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:146 Resp: 2591
Ion Ratio Lower Upper
146 100
111 43.8 21.8 65.4
148 61.4 32.3 96.9

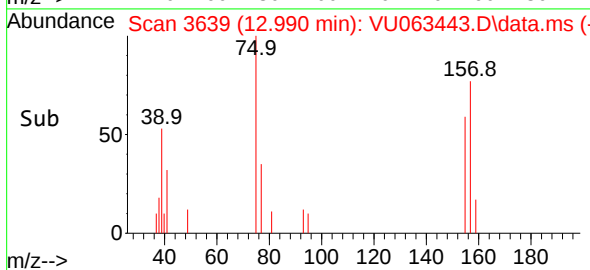
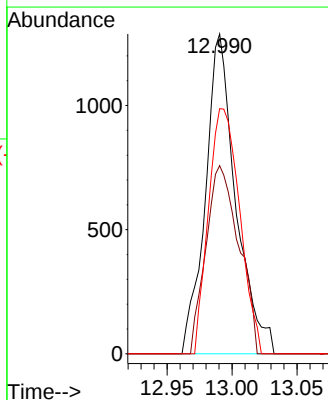
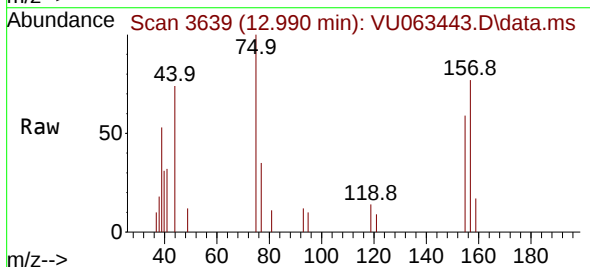
Manual Integrations
APPROVED

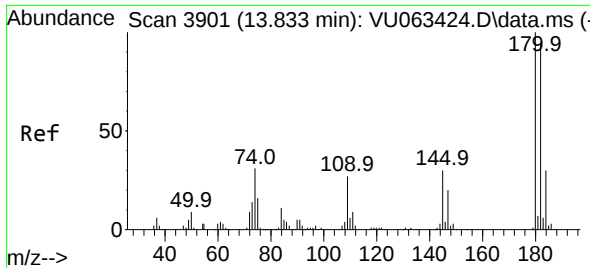
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.061 ug/l
RT: 12.990 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

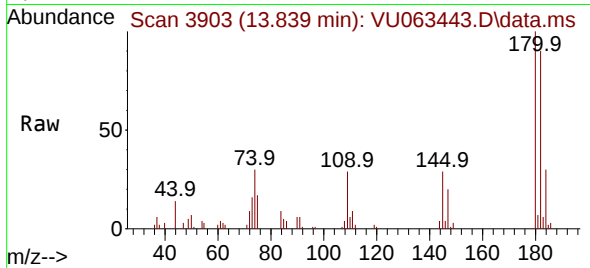
Tgt Ion: 75 Resp: 2098
Ion Ratio Lower Upper
75 100
155 63.9 59.7 89.5
157 78.6 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 0.882 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

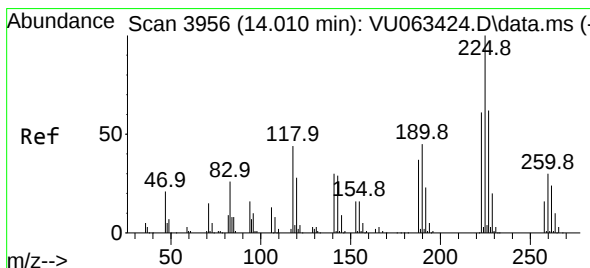
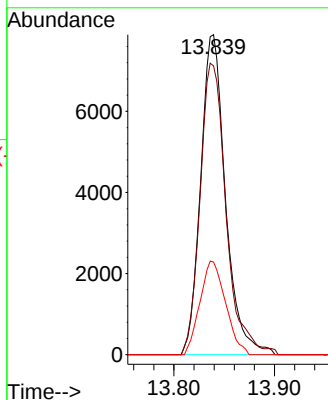
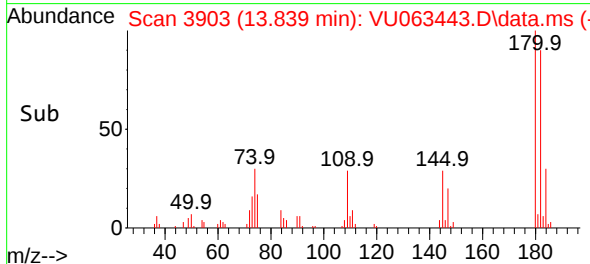
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:180 Resp: 1352
Ion Ratio Lower Upper
180 100
182 95.3 75.6 113.4
145 30.1 24.6 36.8

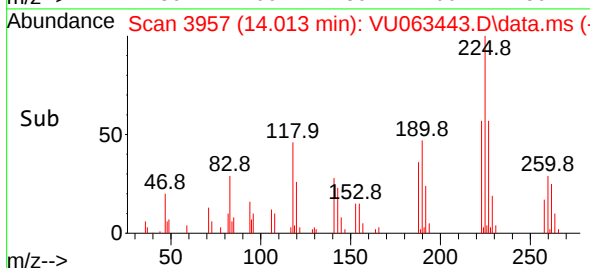
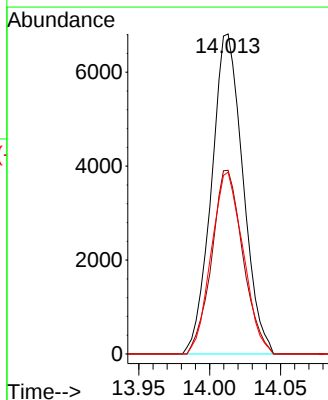
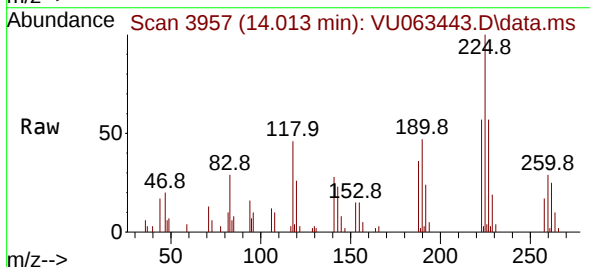
Manual Integrations
APPROVED

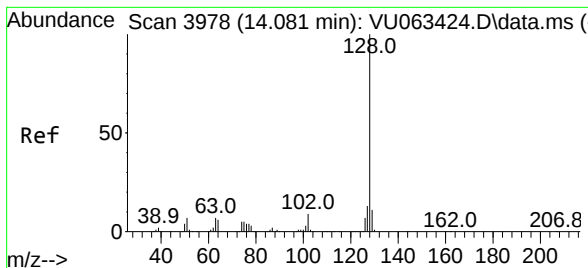
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#88
Hexachlorobutadiene
Concen: 0.970 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:225 Resp: 10548
Ion Ratio Lower Upper
225 100
223 56.9 50.0 75.0
227 57.3 51.5 77.3





#89

Naphthalene

Concen: 0.906 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.009 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

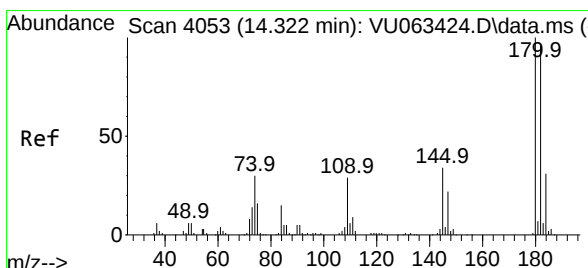
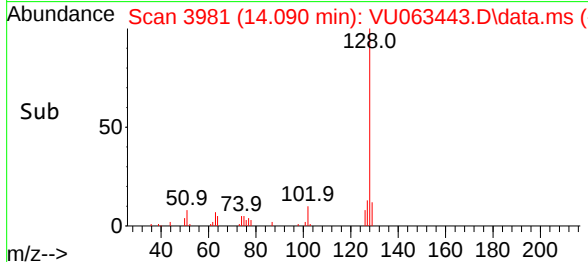
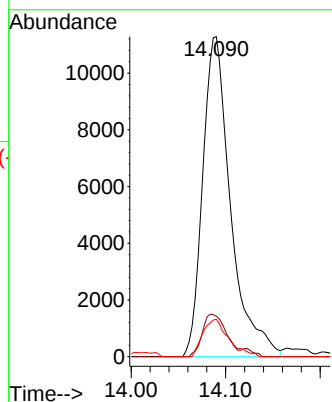
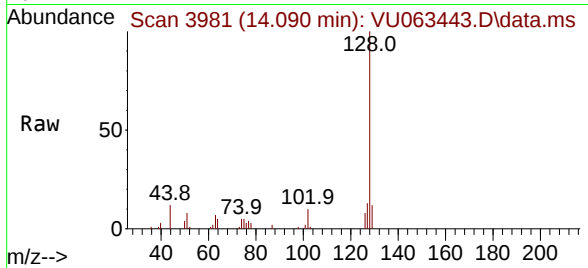
LOQ-WATER-02-QT2-2025

Tgt Ion:128	Resp:	23149
Ion Ratio	Lower	Upper
128	100	
127	11.4	10.4 15.6
129	10.9	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#90

1,2,3-Trichlorobenzene

Concen: 0.856 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Tgt Ion:180	Resp:	13058
Ion Ratio	Lower	Upper
180	100	
182	97.6	76.7 115.1
145	33.1	27.4 41.2

