

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063446.D
 Acq On : 24 Jun 2025 19:26
 Operator : MD/SY
 Sample : Q2126-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jun 25 03:14:23 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	46402	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14658	0.860	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	16096	0.941	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	13413	0.753	ug/l	95
3) Chloromethane	1.518	50	15630	0.666	ug/l	96
4) Vinyl Chloride	1.599	62	12952	0.644	ug/l	99
5) Bromomethane	1.846	94	8027	0.833	ug/l	93
6) Chloroethane	1.923	64	7189	0.604	ug/l	96
7) Trichlorofluoromethane	2.126	101	16085	0.702	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	9478	0.776	ug/l	99
9) 1,1-Dichloroethene	2.570	96	10056	0.825	ug/l	87
10) Iodomethane	2.708	142	5693	0.579	ug/l	97
11) Allyl Chloride	2.910	41	16046	0.739	ug/l	95
12) Acrylonitrile	3.306	53	5757	1.635	ug/l	97
13) Acetone	2.621	43	10478	2.968	ug/l	100
14) Carbon Disulfide	2.775	76	31855	0.750	ug/l	# 95
15) Methylene Chloride	3.029	84	12352	0.800	ug/l	96
16) trans-1,2-Dichloroethene	3.332	96	11098	0.810	ug/l	91
17) 1,1-Dichloroethane	3.849	63	22029	0.765	ug/l	96
18) 2-Butanone	4.721	43	15720	3.200	ug/l	96
19) Cyclohexane	5.361	56	16922	0.777	ug/l	95
20) Methylcyclohexane	6.743	83	12714m	0.629	ug/l	
21) 2,2-Dichloropropane	4.644	77	13687	0.669	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	11278	0.754	ug/l	97
23) Diethyl Ether	2.370	59	8305	0.755	ug/l	92
24) tert-Butyl Alcohol	3.203	59	9912	8.559	ug/l	# 90
25) Methyl tert-Butyl Ether	3.361	73	25586	0.772	ug/l	# 78
26) Bromochloromethane	4.959	128	4299	0.738	ug/l	96
27) Chloroform	5.071	83	21059	0.780	ug/l	97
28) 1,1,1-Trichloroethane	5.293	97	16834	0.769	ug/l	98
29) 1,1-Dichloropropene	5.505	75	15292	0.765	ug/l	96
30) Carbon Tetrachloride	5.496	117	12990	0.743	ug/l	91
31) Isopropyl Ether	3.997	45	32823	0.730	ug/l	91
32) Ethyl-t-butyl ether	4.508	59	27899m	0.732	ug/l	
33) Tert-Amyl methyl ether	5.946	73	19639	0.720	ug/l	98
34) Propionitrile	4.782	54	5589	3.933	ug/l	# 87
35) Benzene	5.759	78	44173	0.731	ug/l	99
36) 1,2-Dichloroethane	5.788	62	13545	0.766	ug/l	97
37) Trichloroethene	6.531	130	11328	0.793	ug/l	99
38) 1,2-Dichloropropane	6.785	63	13057	0.782	ug/l	97
39) Methacrylonitrile	4.978	41	4132	0.699	ug/l	# 93
40) Methyl acrylate	4.856	55	6496	0.782	ug/l	# 93
41) Tetrahydrofuran	5.065	42	5113	1.608	ug/l	98
42) 1-Chlorobutane	5.438	56	22585m	0.796	ug/l	
43) Dibromomethane	6.914	93	5500	0.705	ug/l	96
44) Bromodichloromethane	7.100	83	13624	0.717	ug/l	96

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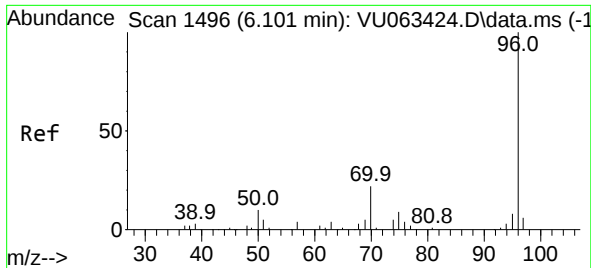
Quant Time: Jun 25 03:14:23 2025
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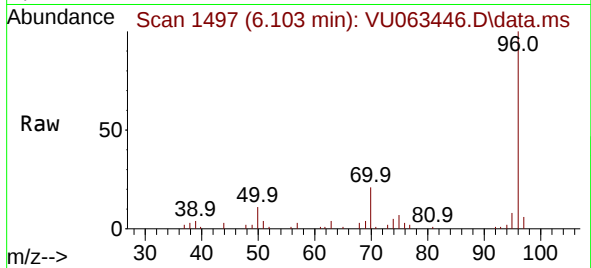
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	25953	3.099	ug/l	98
46) t-1,4-Dichloro-2-butene	10.827	75	4532m	1.646	ug/l	
47) Methyl methacrylate	6.978	69	7075	1.170	ug/l	96
48) Ethyl methacrylate	8.341	69	6994	0.646	ug/l	97
49) Toluene	7.962	92	20702	0.624	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	8446	0.616	ug/l	91
51) cis-1,3-Dichloropropene	7.605	75	12419	0.675	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	8148	0.714	ug/l	95
53) 1,3-Dichloropropane	8.573	76	14393	0.734	ug/l	97
54) 2-Hexanone	8.695	43	16788	2.988	ug/l	91
55) Dibromochloromethane	8.804	129	8863	0.753	ug/l	91
56) 1,2-Dibromoethane	8.920	107	7010	0.758	ug/l	99
58) Tetrachloroethene	8.544	164	10180	0.726	ug/l	98
59) Chlorobenzene	9.441	112	24767	0.697	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	9090	0.711	ug/l	97
61) Pentachloroethane	11.418	117	7730	0.742	ug/l	97
62) Hexachloroethane	12.470	117	7201	0.768	ug/l	88
63) Ethyl Benzene	9.563	91	34625	0.608	ug/l	97
64) m/p-Xylenes	9.688	106	25696	1.156	ug/l	99
65) o-Xylene	10.093	106	13247	0.612	ug/l	96
66) Styrene	10.113	104	19615	0.557	ug/l	98
67) Bromoform	10.283	173	4602	0.716	ug/l #	96
69) Isopropylbenzene	10.476	105	30654	0.611	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	10861	0.745	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	8849m	0.743	ug/l	
72) Bromobenzene	10.778	156	9286	0.660	ug/l	89
73) n-propylbenzene	10.901	120	8822	0.580	ug/l	97
74) 2-Chlorotoluene	10.981	126	9112	0.655	ug/l	87
75) 1,3,5-Trimethylbenzene	11.081	105	27913	0.572	ug/l	98
76) 4-Chlorotoluene	11.093	126	8749	0.600	ug/l	94
77) tert-Butylbenzene	11.412	119	29229	0.634	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	26136	0.532	ug/l	99
79) sec-Butylbenzene	11.637	105	37874	0.580	ug/l	98
80) Nitrobenzene	13.219	77	1997m	3.005	ug/l	
81) p-Isopropyltoluene	11.788	119	28504	0.559	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	21254	0.729	ug/l	96
83) 1,4-Dichlorobenzene	11.833	146	19819m	0.655	ug/l	
84) n-Butylbenzene	12.203	91	30093	0.563	ug/l	95
85) 1,2-Dichlorobenzene	12.206	146	19856	0.712	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1652	0.824	ug/l #	82
87) 1,2,4-Trichlorobenzene	13.836	180	9567	0.615	ug/l	92
88) Hexachlorobutadiene	14.013	225	7625	0.691	ug/l	100
89) Naphthalene	14.087	128	15756	0.608	ug/l	97
90) 1,2,3-Trichlorobenzene	14.325	180	9941	0.643	ug/l	99

(#) = 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: VU063446.D
Acq: 24 Jun 2025 19:26

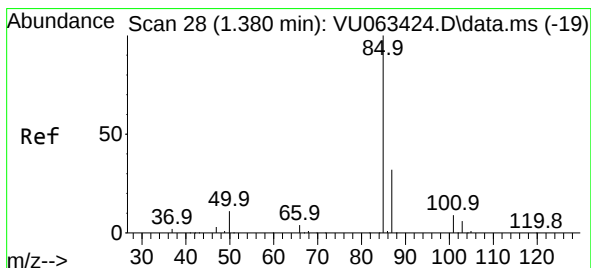
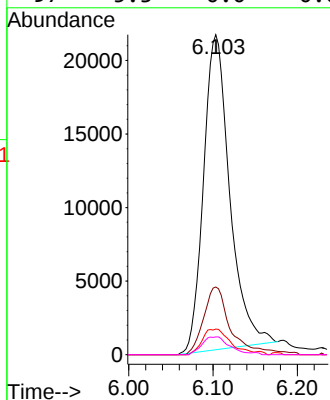
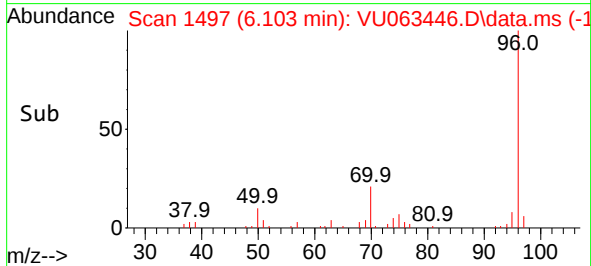
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 96 Resp: 4640
Ion Ratio Lower Upper
96 100
70 22.4 16.4 24.6
95 7.8 6.2 9.2
97 5.3 0.0 0.0#

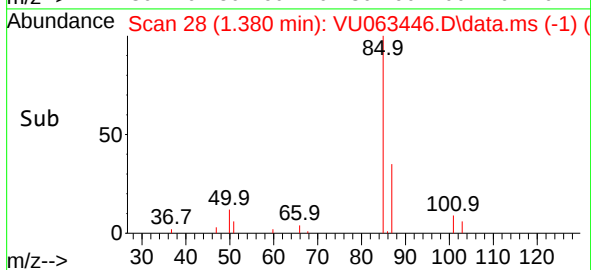
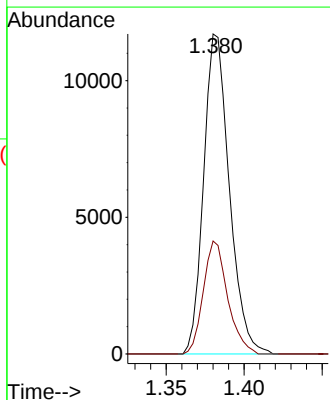
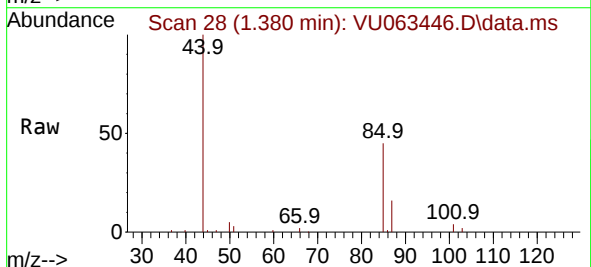
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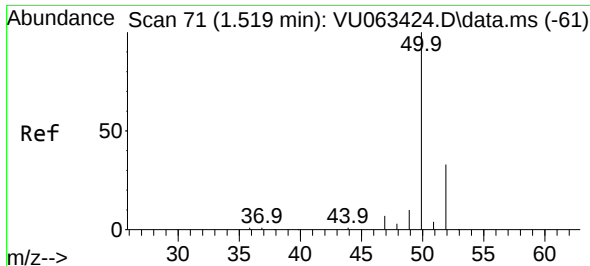
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#2
Dichlorodifluoromethane
Concen: 0.753 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

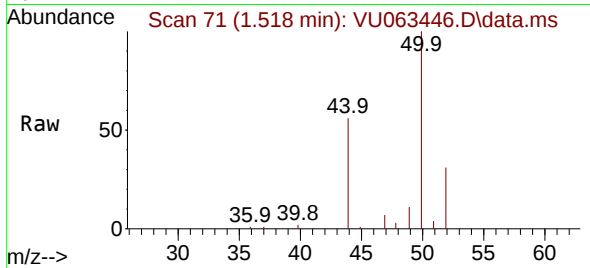
Tgt Ion: 85 Resp: 13413
Ion Ratio Lower Upper
85 100
87 35.3 16.2 48.5





#3
Chloromethane
Concen: 0.666 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

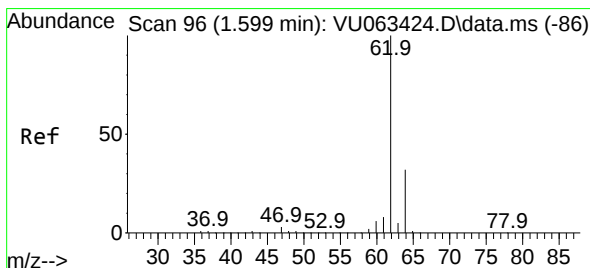
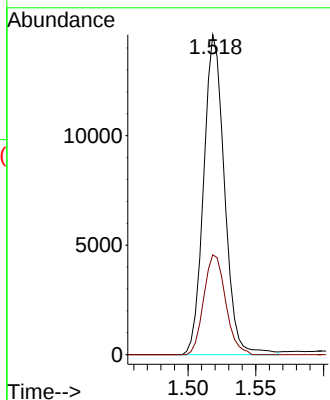
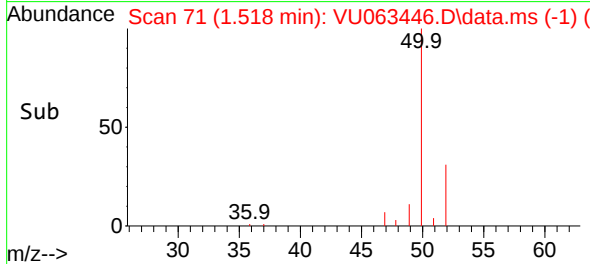
Instrument : MSVOA_U
ClientSampleId :
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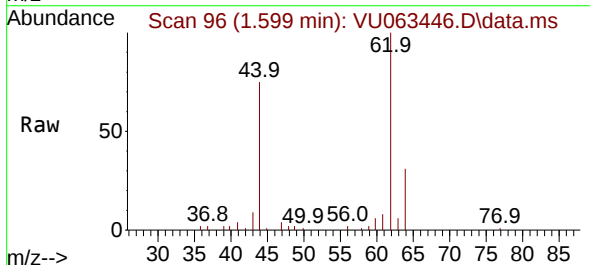
Tgt Ion: 50 Resp: 15630
Ion Ratio Lower Upper
50 100
52 31.2 26.6 40.0

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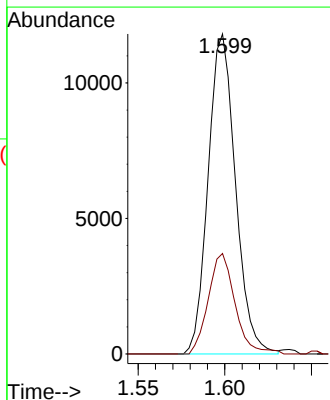
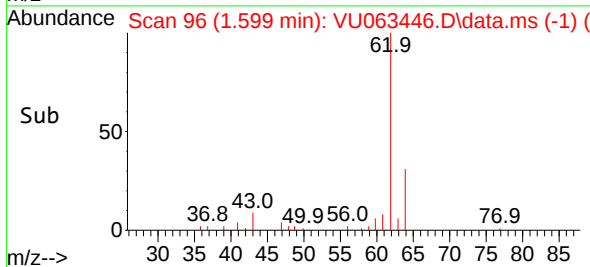
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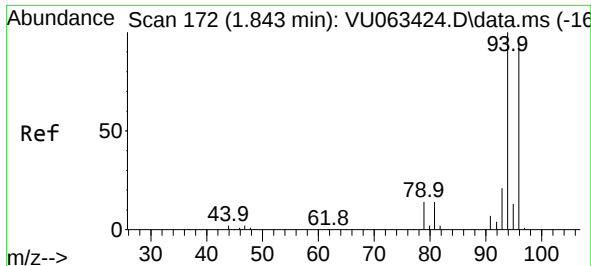


#4
Vinyl Chloride
Concen: 0.644 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26



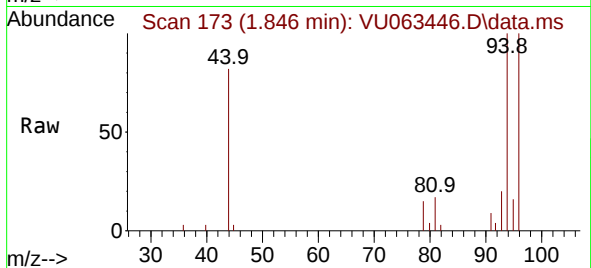
Tgt Ion: 62 Resp: 12952
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5





#5
Bromomethane
Concen: 0.833 ug/l
RT: 1.846 min Scan# 173
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

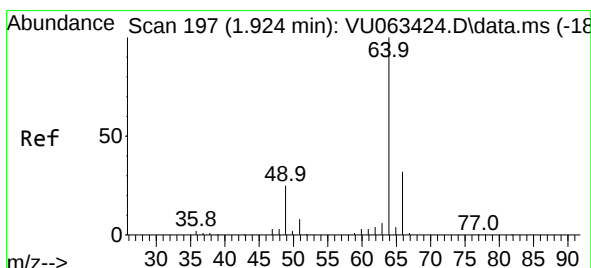
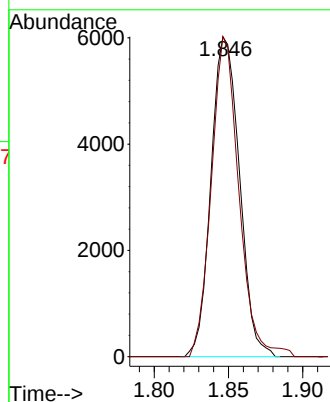
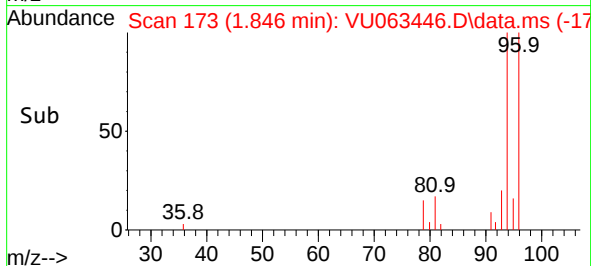
Instrument :
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Tgt Ion: 94 Resp: 802
Ion Ratio Lower Upper
94 100
96 100.0 74.8 112.2

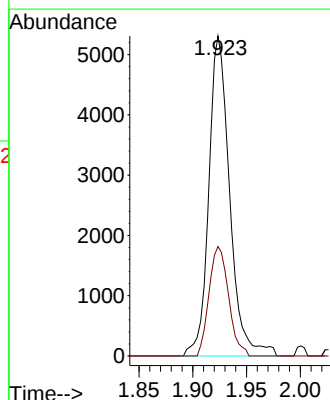
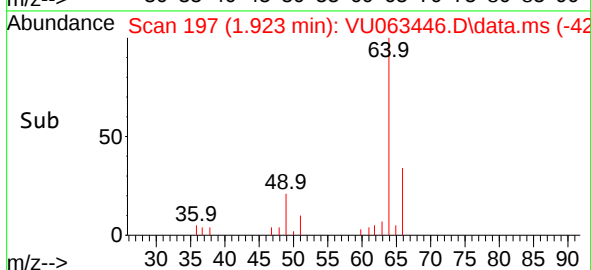
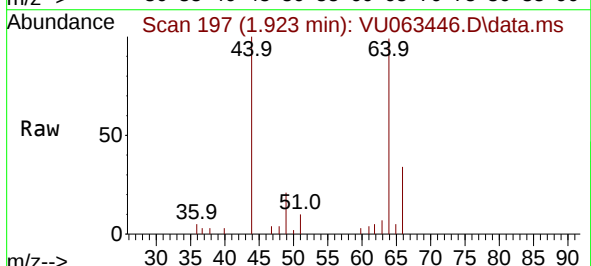
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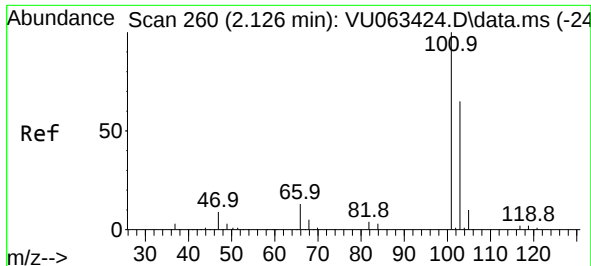
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#6
Chloroethane
Concen: 0.604 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.001 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

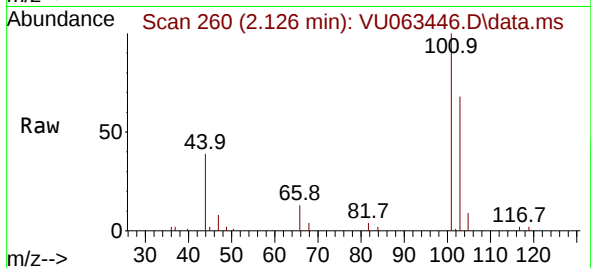
Tgt Ion: 64 Resp: 7189
Ion Ratio Lower Upper
64 100
66 34.2 25.7 38.5





#7
Trichlorofluoromethane
Concen: 0.702 ug/l
RT: 2.126 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

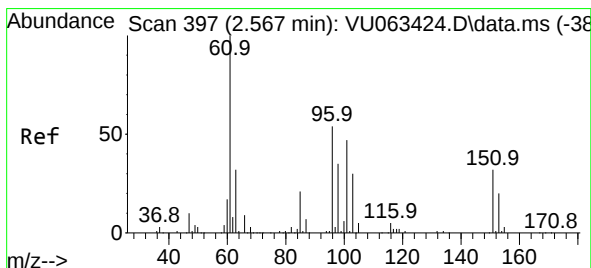
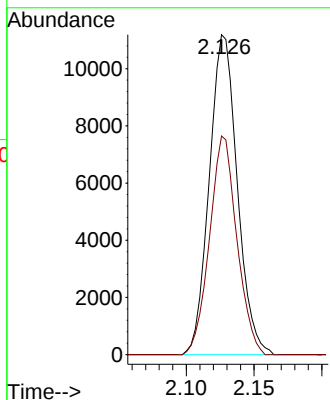
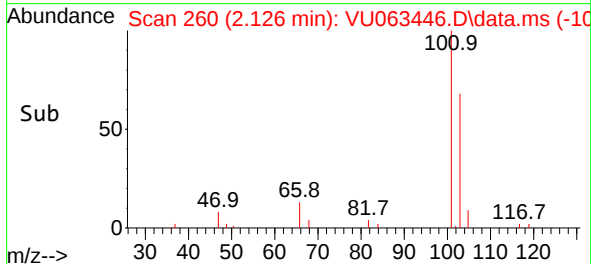
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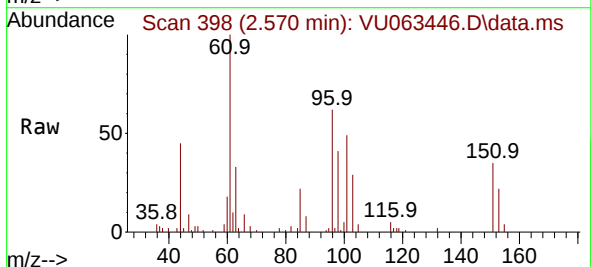
Tgt Ion:101 Resp: 1608
Ion Ratio Lower Upper
101 100
103 68.4 52.3 78.5

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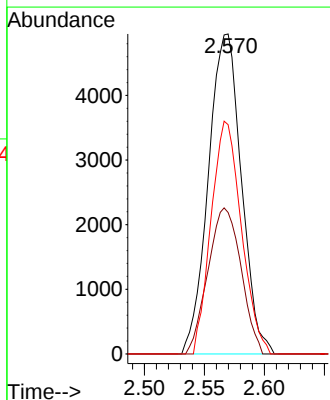
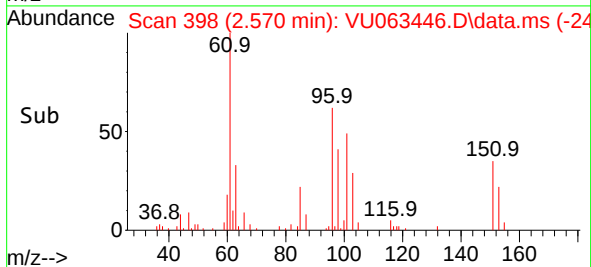
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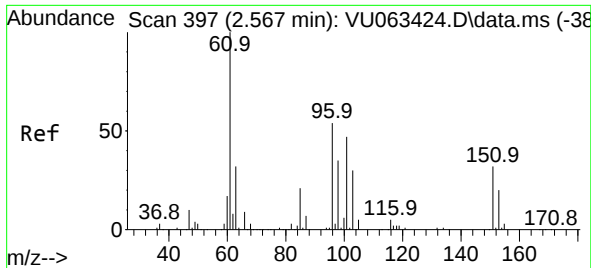


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.776 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26



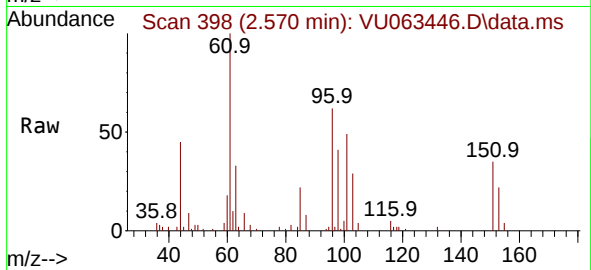
Tgt Ion:101 Resp: 9478
Ion Ratio Lower Upper
101 100
85 45.7 36.7 55.1
151 66.7 53.9 80.9





#9
1,1-Dichloroethene
Concen: 0.825 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

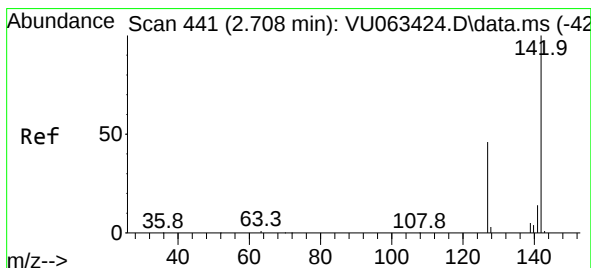
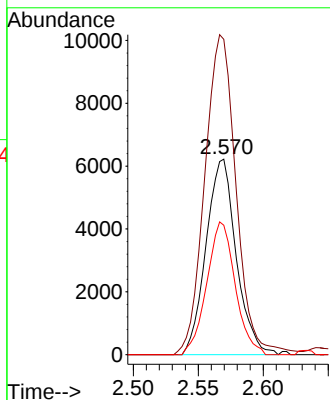
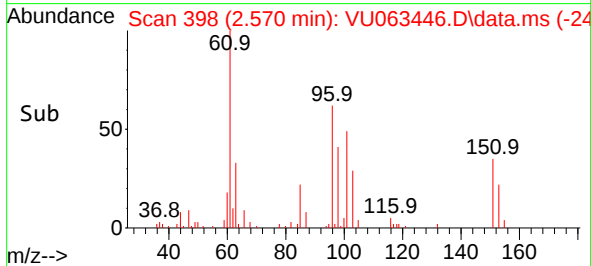
Instrument :
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LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 96 Resp: 1005
Ion Ratio Lower Upper
96 100
61 159.4 0.0 552.0
98 66.1 0.0 128.4

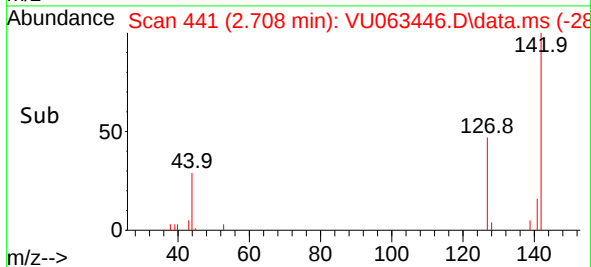
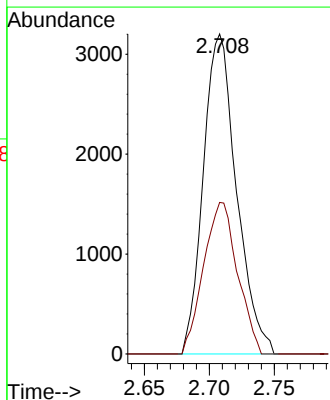
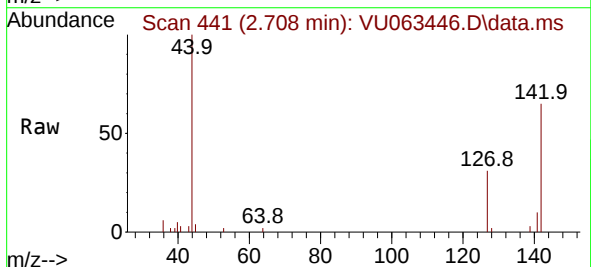
Manual Integrations
APPROVED

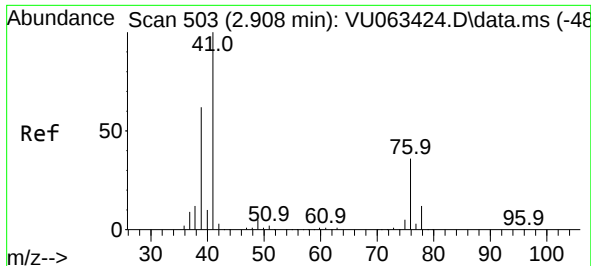
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#10
Iodomethane
Concen: 0.579 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion:142 Resp: 5693
Ion Ratio Lower Upper
142 100
127 48.4 36.9 55.3





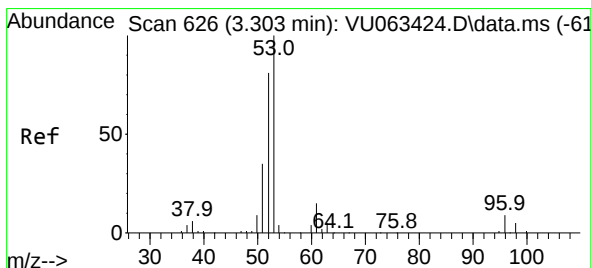
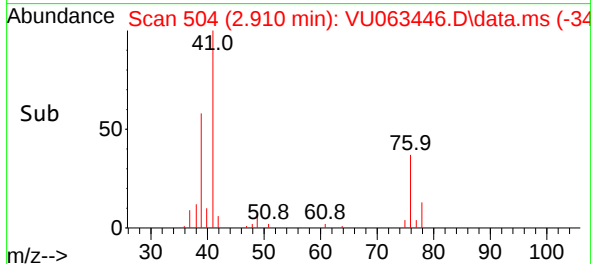
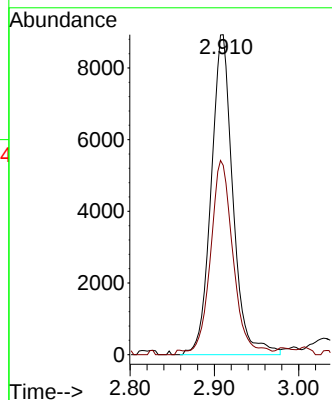
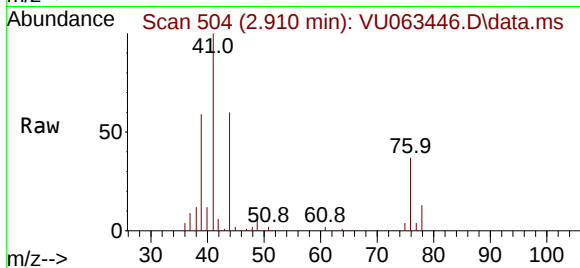
#11
 Allyl Chloride
 Concen: 0.739 ug/l
 RT: 2.910 min Scan# 503
 Delta R.T. 0.002 min
 Lab File: VU063446.D
 Acq: 24 Jun 2025 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 41 Resp: 1604
 Ion Ratio Lower Upper
 41 100
 39 58.9 50.3 75.5

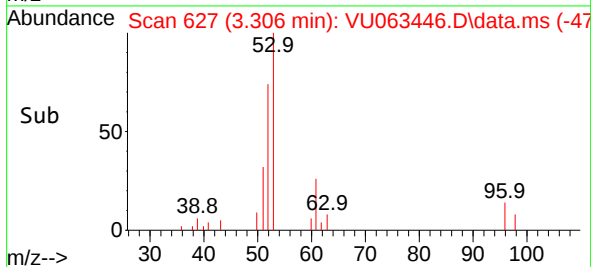
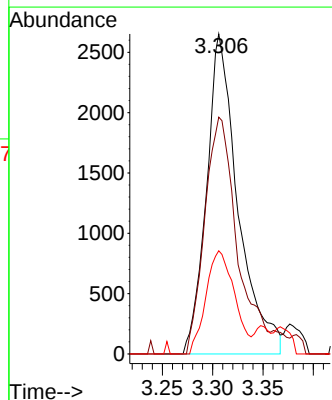
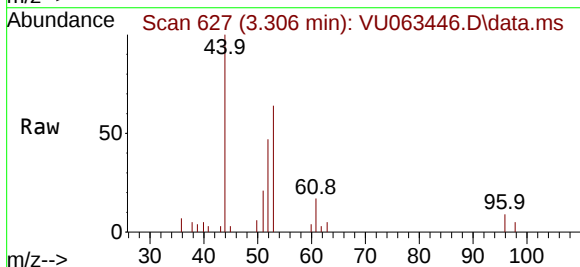
Manual Integrations
 APPROVED

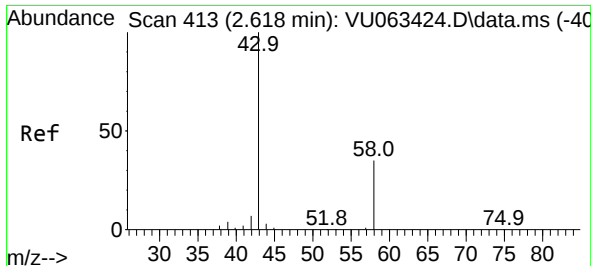
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#12
 Acrylonitrile
 Concen: 1.635 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063446.D
 Acq: 24 Jun 2025 19:26

Tgt Ion: 53 Resp: 5757
 Ion Ratio Lower Upper
 53 100
 52 76.7 62.8 94.2
 51 29.5 26.2 39.4





#13

Acetone

Concen: 2.968 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 10478

Ion Ratio Lower Upper

43 100

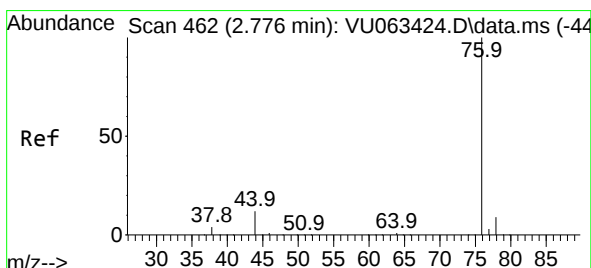
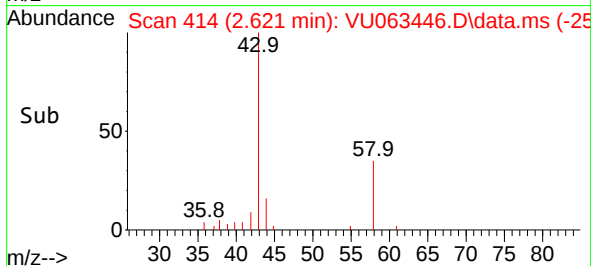
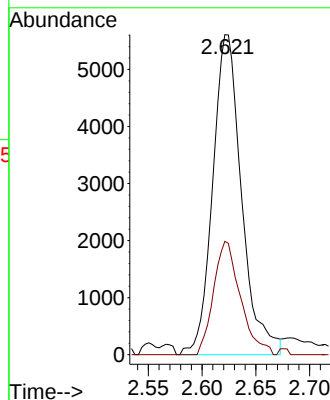
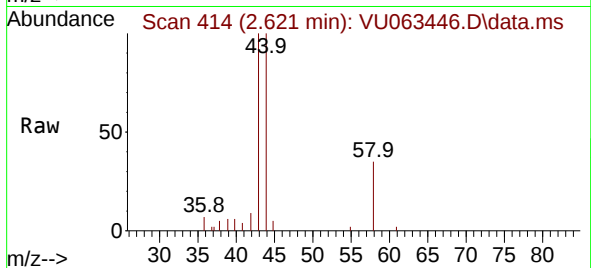
58 35.4 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#14

Carbon Disulfide

Concen: 0.750 ug/l

RT: 2.775 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063446.D

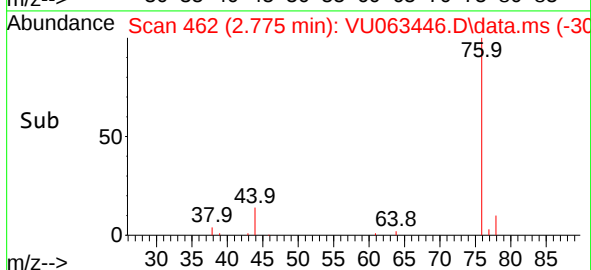
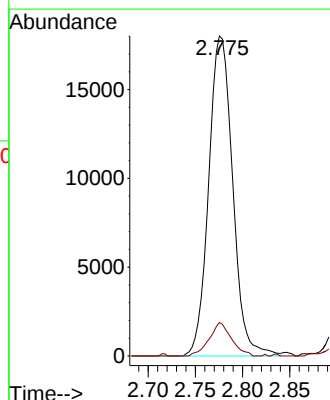
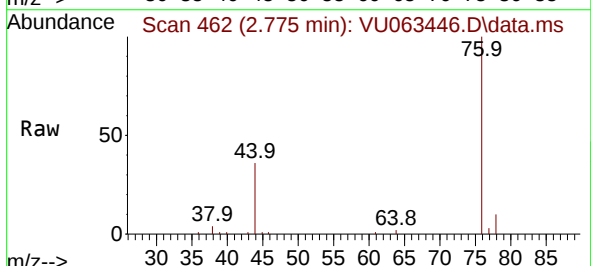
Acq: 24 Jun 2025 19:26

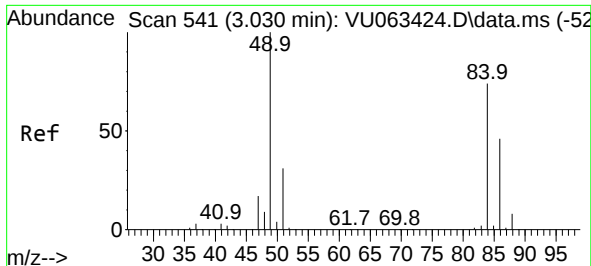
Tgt Ion: 76 Resp: 31855

Ion Ratio Lower Upper

76 100

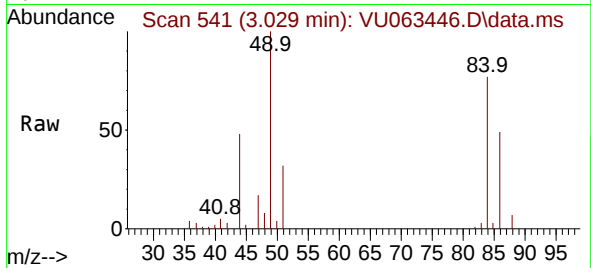
78 10.5 6.9 10.3#





#15
Methylene Chloride
Concen: 0.800 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

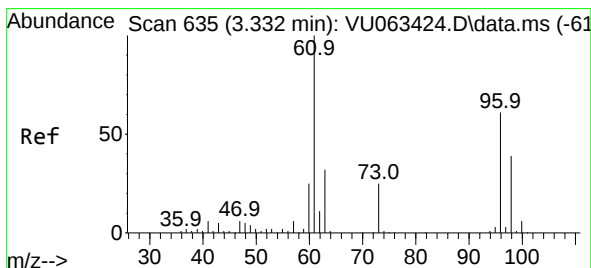
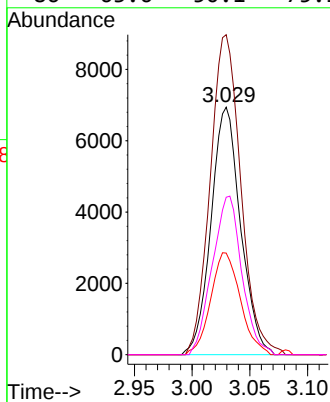
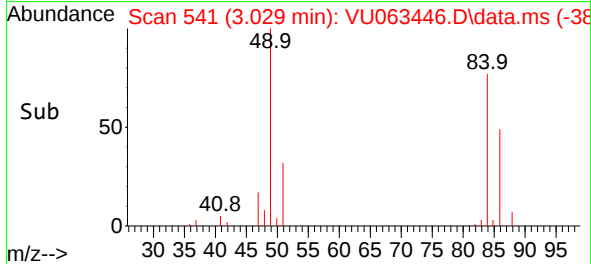
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



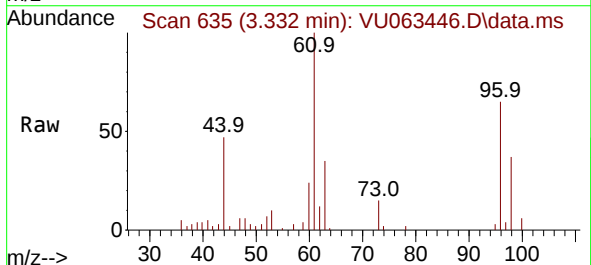
Tgt Ion: 84 Resp: 12352
Ion Ratio Lower Upper
84 100
49 129.3 108.7 163.1
51 41.1 0.0 83.8
86 63.6 50.1 75.1

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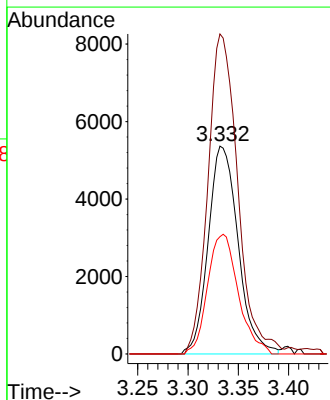
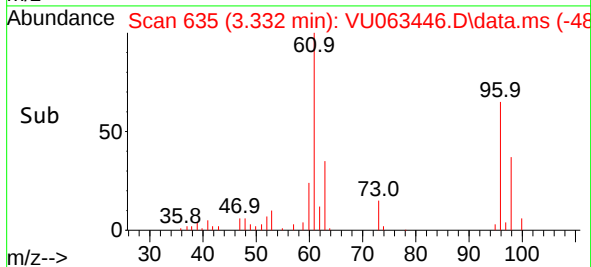
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

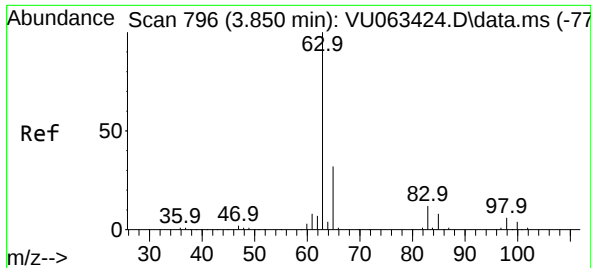


#16
trans-1,2-Dichloroethene
Concen: 0.810 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.000 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26



Tgt Ion: 96 Resp: 11098
Ion Ratio Lower Upper
96 100
61 153.9 132.1 198.1
98 56.4 51.0 76.4





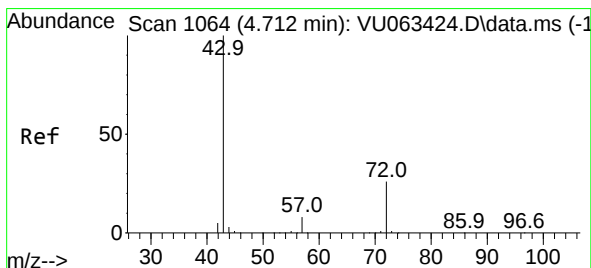
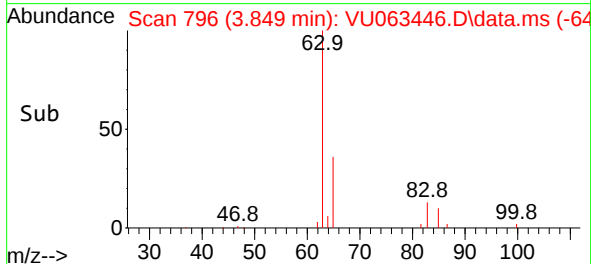
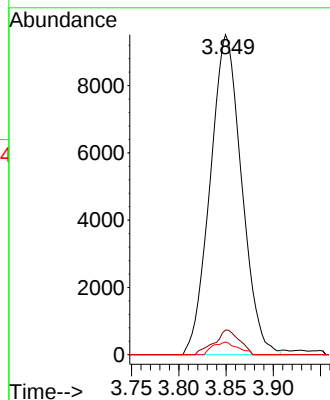
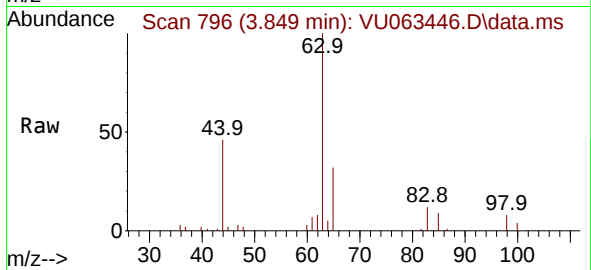
#17
1,1-Dichloroethane
Concen: 0.765 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 63 Resp: 22029
Ion Ratio Lower Upper
63 100
98 7.7 2.8 8.4
100 4.0 1.9 5.7

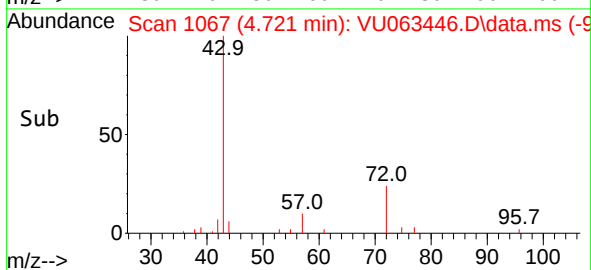
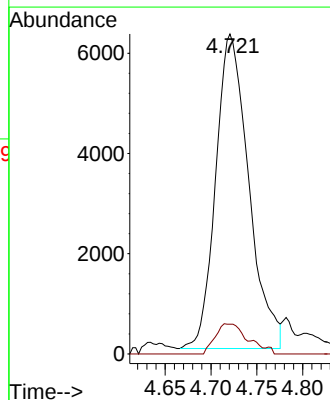
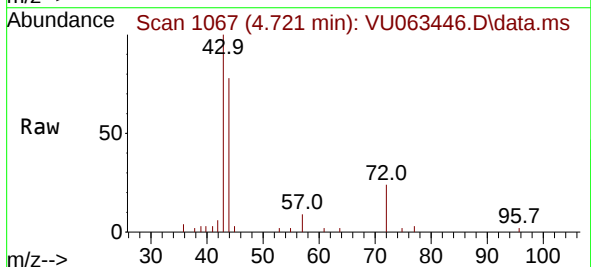
Manual Integrations
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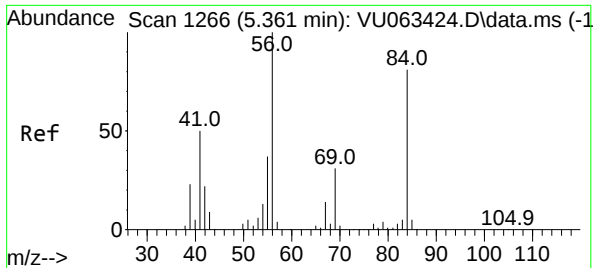
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#18
2-Butanone
Concen: 3.200 ug/l
RT: 4.721 min Scan# 1067
Delta R.T. 0.009 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion: 43 Resp: 15720
Ion Ratio Lower Upper
43 100
57 9.4 0.0 16.0





#19

Cyclohexane

Concen: 0.777 ug/l

RT: 5.361 min Scan# 1692

Delta R.T. -0.000 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

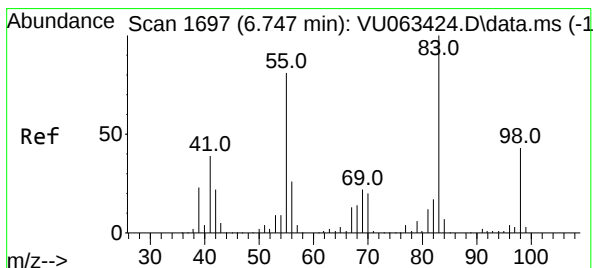
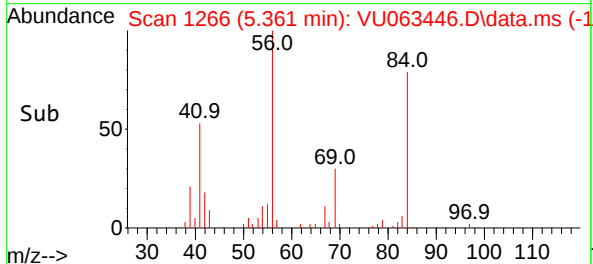
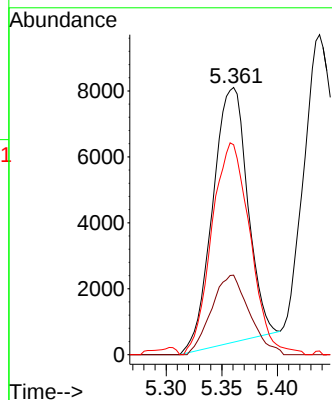
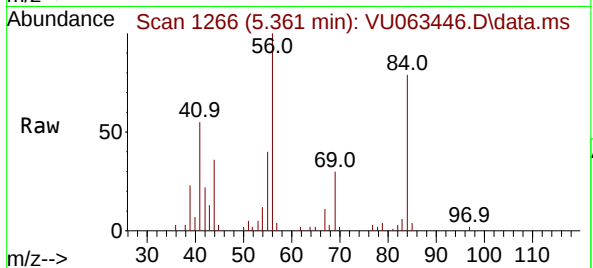
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:	56	Resp:	1692
Ion Ratio	Lower	Upper	
56	100		
69	33.7	26.4	39.6
84	91.2	68.6	102.8

Manual Integrations

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



#20

Methylcyclohexane

Concen: 0.629 ug/l m

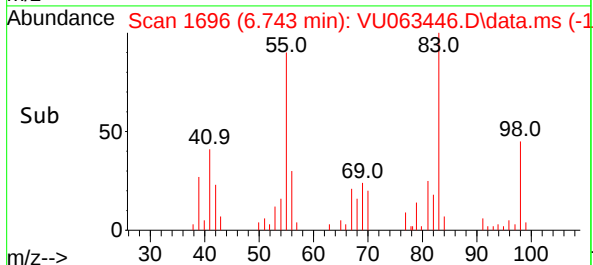
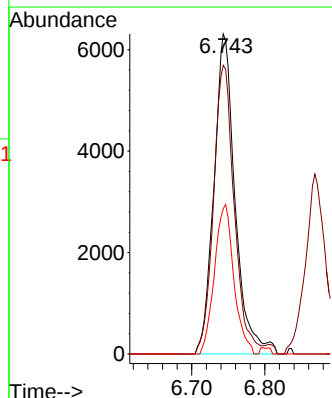
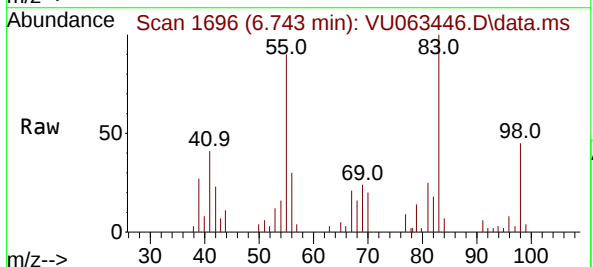
RT: 6.743 min Scan# 1696

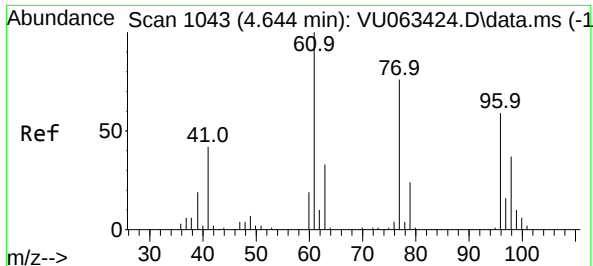
Delta R.T. -0.004 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Tgt Ion:	83	Resp:	12714
Ion Ratio	Lower	Upper	
83	100		
55	84.8	63.5	95.3
98	42.8	34.2	51.4





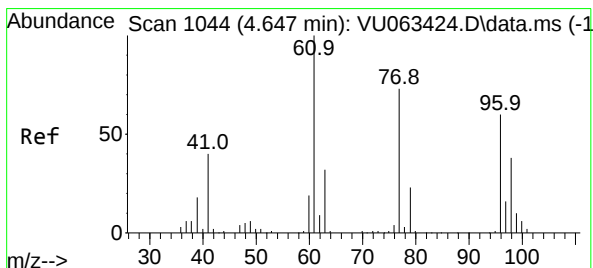
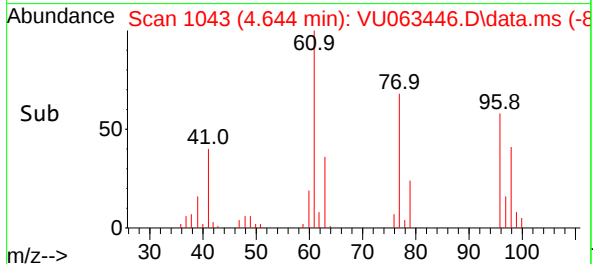
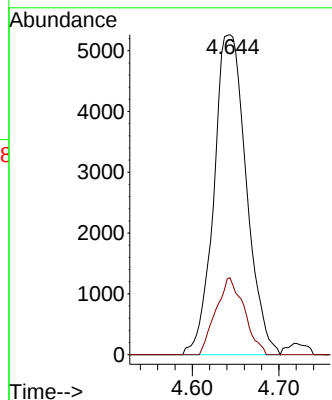
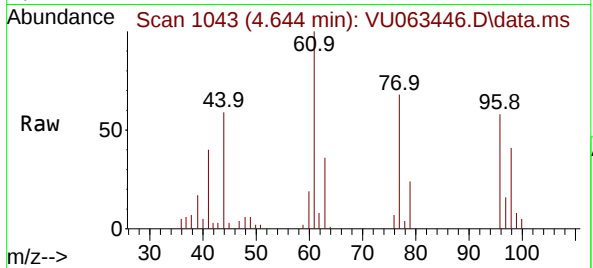
#21
2,2-Dichloropropane
Concen: 0.669 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 77 Resp: 1368
Ion Ratio Lower Upper
77 100
97 20.9 17.2 25.8

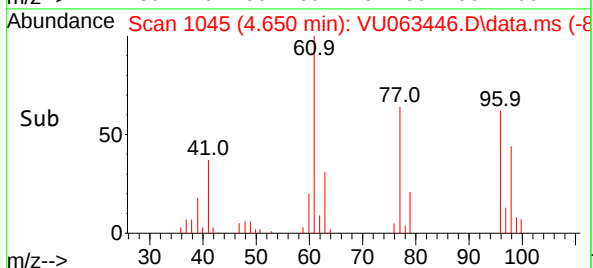
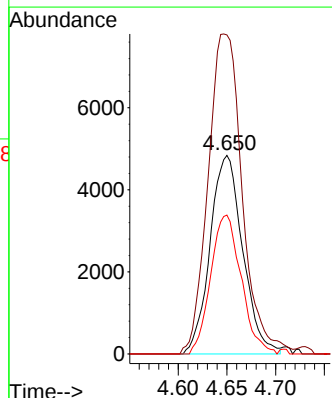
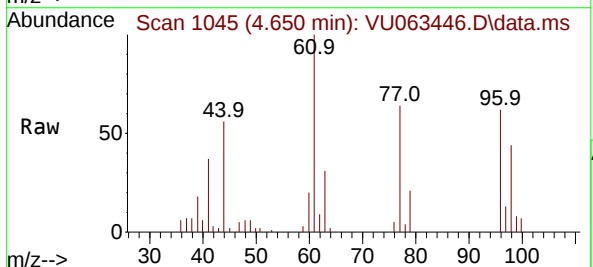
Manual Integrations
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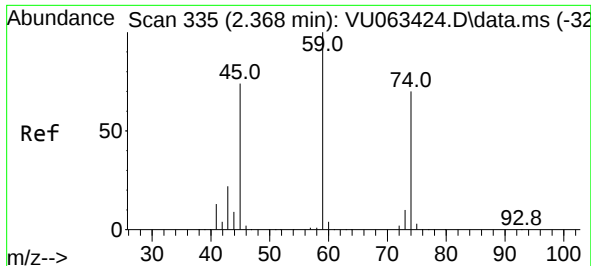
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#22
cis-1,2-Dichloroethene
Concen: 0.754 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

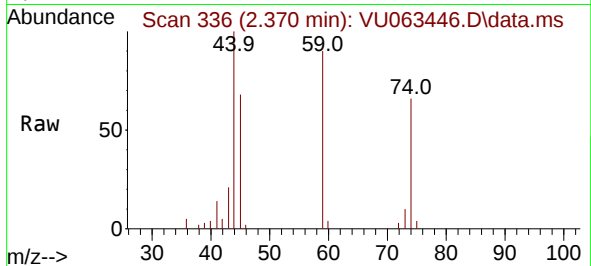
Tgt Ion: 96 Resp: 11278
Ion Ratio Lower Upper
96 100
61 168.7 0.0 434.3
98 65.4 31.9 95.7





#23
Diethyl Ether
Concen: 0.755 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

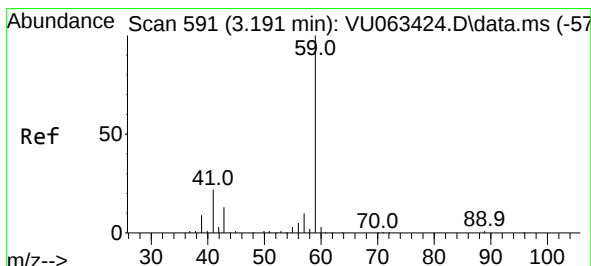
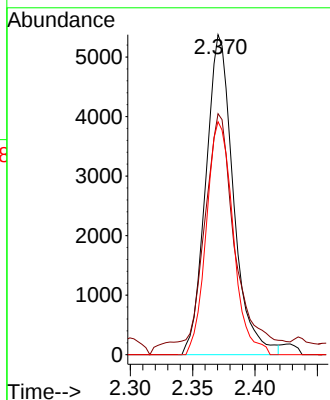
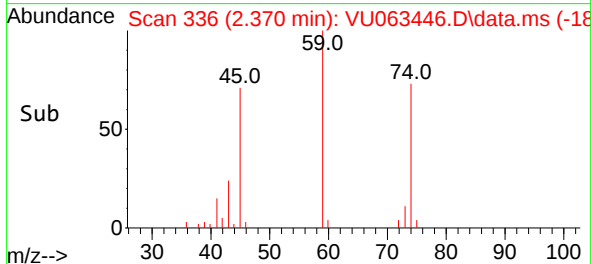
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 59 Resp: 830
Ion Ratio Lower Upper
59 100
45 87.6 60.7 91.1
74 70.4 55.8 83.6

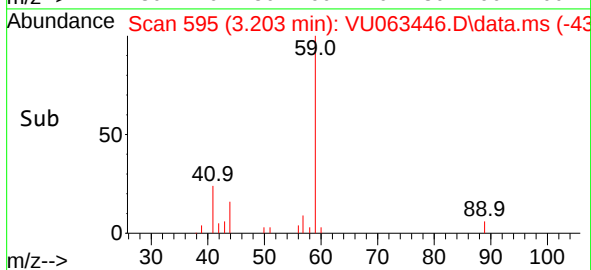
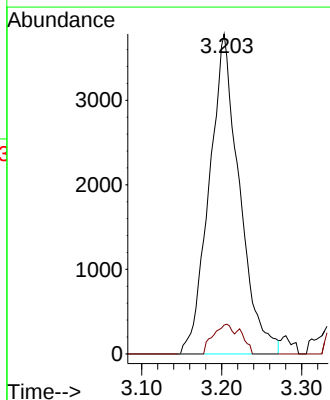
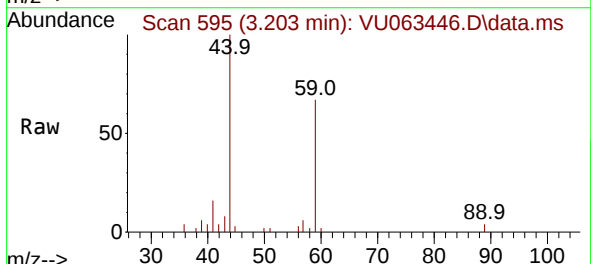
Manual Integrations
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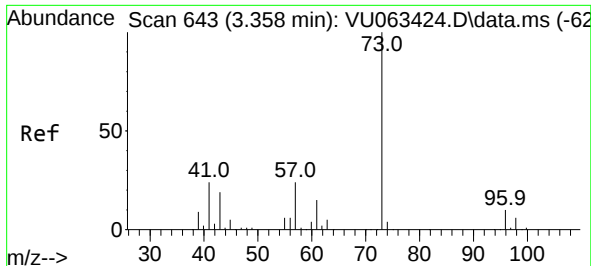
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#24
tert-Butyl Alcohol
Concen: 8.559 ug/l
RT: 3.203 min Scan# 595
Delta R.T. 0.012 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion: 59 Resp: 9912
Ion Ratio Lower Upper
59 100
57 6.1 7.8 11.8#





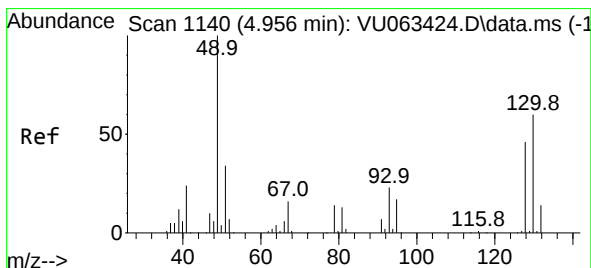
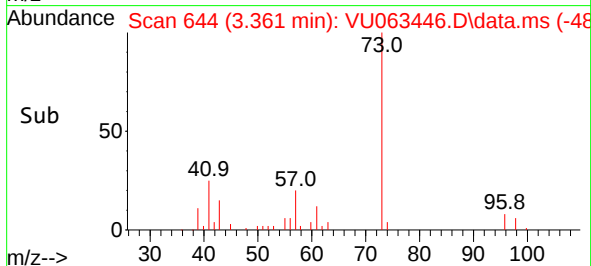
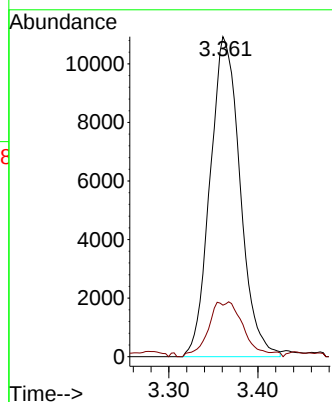
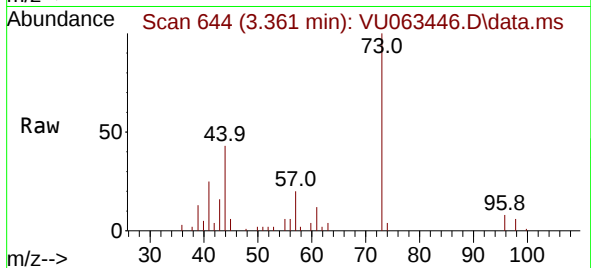
#25
Methyl tert-Butyl Ether
Concen: 0.772 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 73 Resp: 2558
Ion Ratio Lower Upper
73 100
43 8.9 15.1 22.7

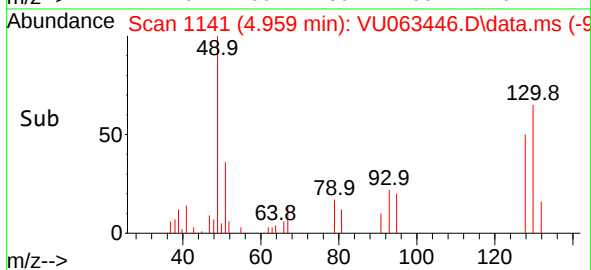
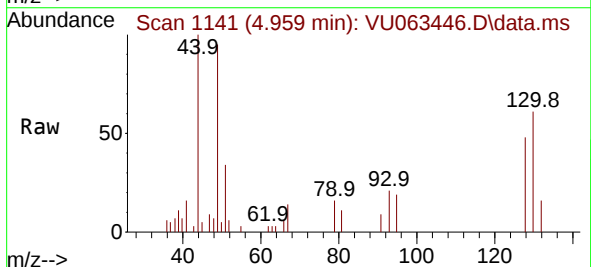
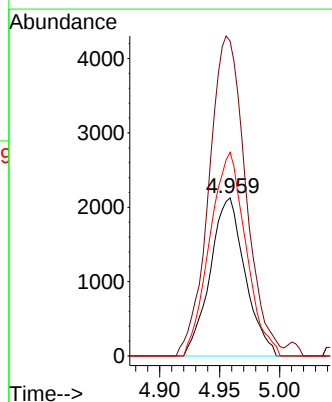
Manual Integrations
APPROVED

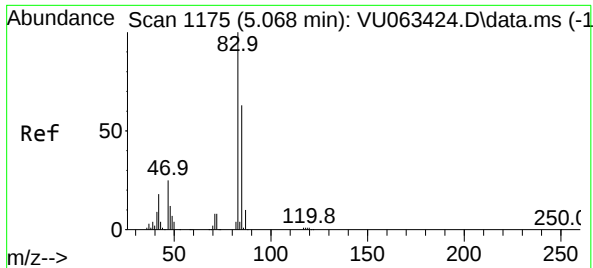
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#26
Bromochloromethane
Concen: 0.738 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion:128 Resp: 4299
Ion Ratio Lower Upper
128 100
49 214.0 0.0 441.2
130 133.8 102.3 153.5





#27

Chloroform

Concen: 0.780 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83 Resp: 2105

Ion Ratio Lower Upper

83 100

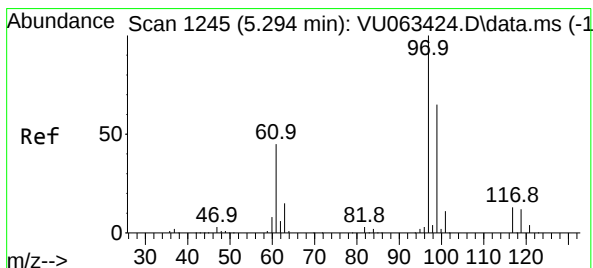
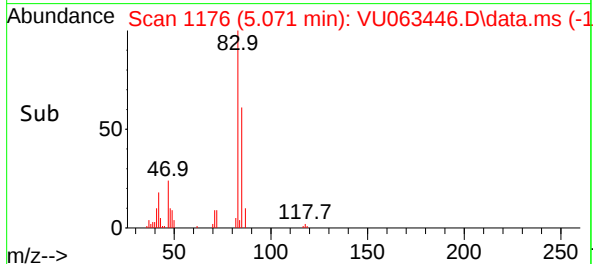
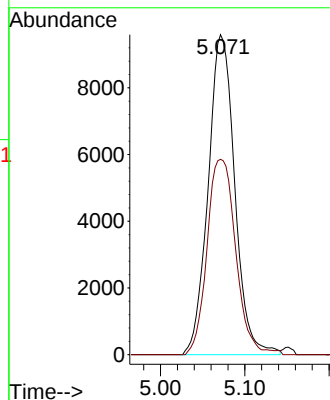
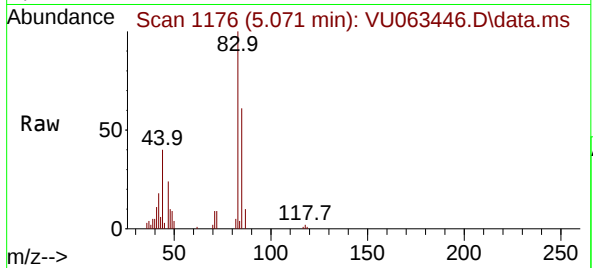
85 61.0 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#28

1,1,1-Trichloroethane

Concen: 0.769 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

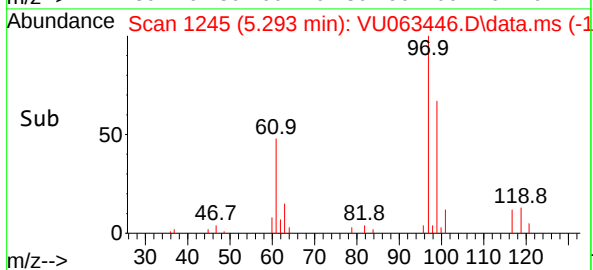
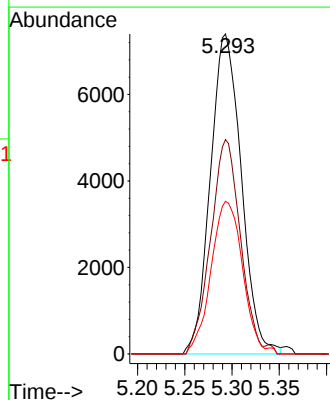
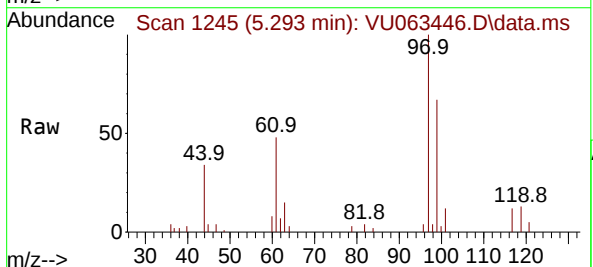
Tgt Ion: 97 Resp: 16834

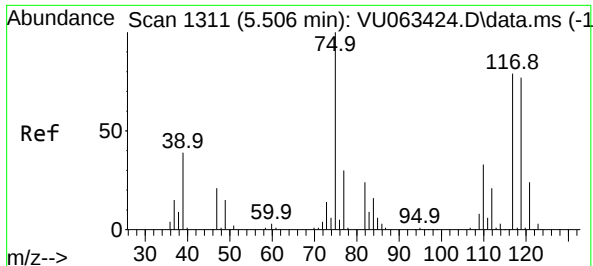
Ion Ratio Lower Upper

97 100

99 64.4 31.9 95.5

61 48.8 22.9 68.7





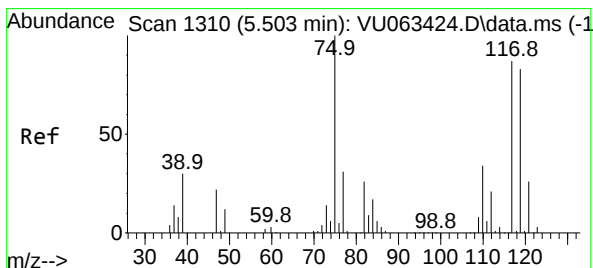
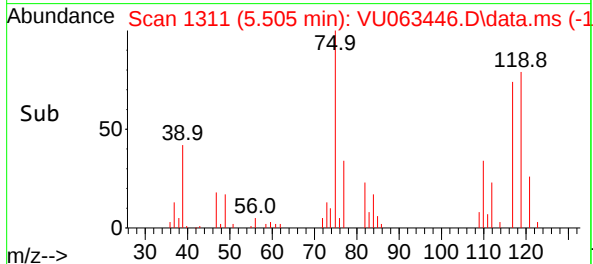
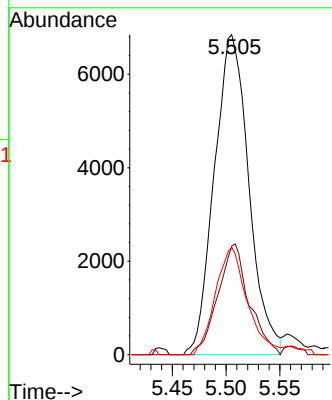
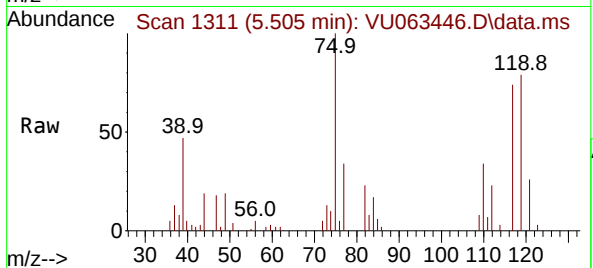
#29
1,1-Dichloropropene
Concen: 0.765 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.001 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 75 Resp: 15292
Ion Ratio Lower Upper
75 100
110 31.1 17.4 52.2
77 31.0 25.4 38.0

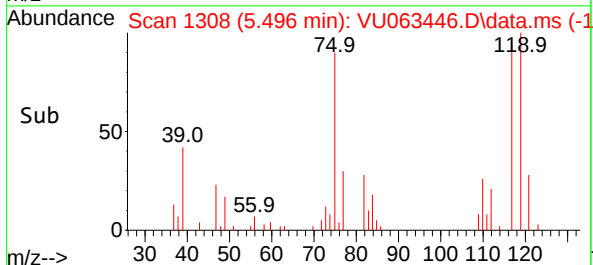
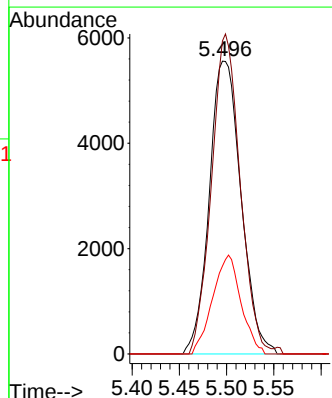
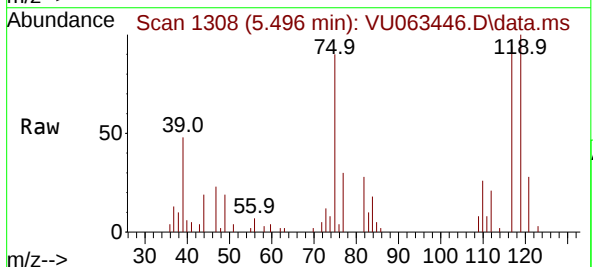
Manual Integrations
APPROVED

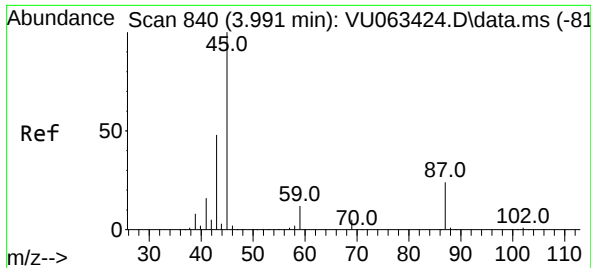
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30
Carbon Tetrachloride
Concen: 0.743 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.007 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion:117 Resp: 12990
Ion Ratio Lower Upper
117 100
119 106.9 76.7 115.1
121 30.0 24.3 36.5





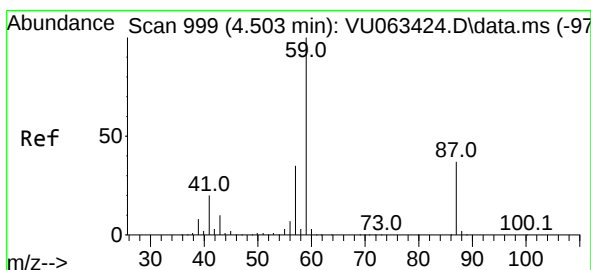
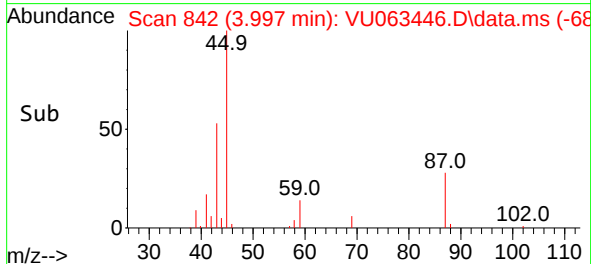
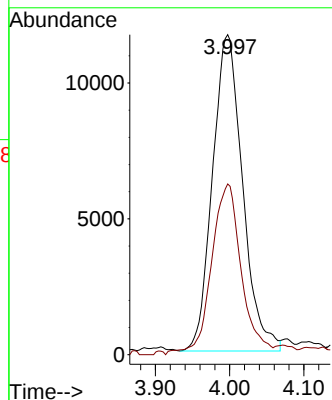
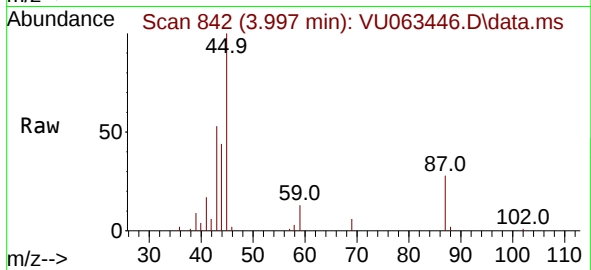
#31
Isopropyl Ether
Concen: 0.730 ug/l
RT: 3.997 min Scan# 841
Delta R.T. 0.006 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 45 Resp: 3282
Ion Ratio Lower Upper
45 100
43 53.4 23.8 71.5

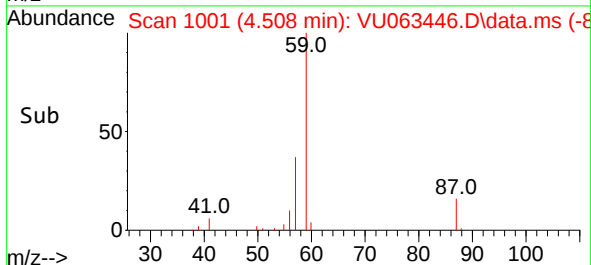
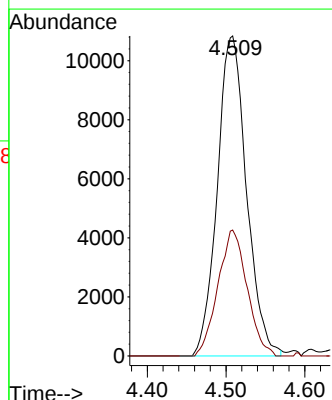
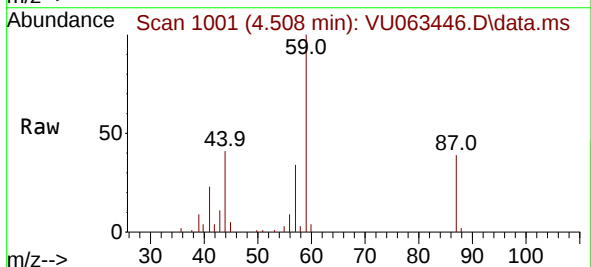
Manual Integrations
APPROVED

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



#32
Ethyl-t-butyl ether
Concen: 0.732 ug/l m
RT: 4.508 min Scan# 1001
Delta R.T. 0.005 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

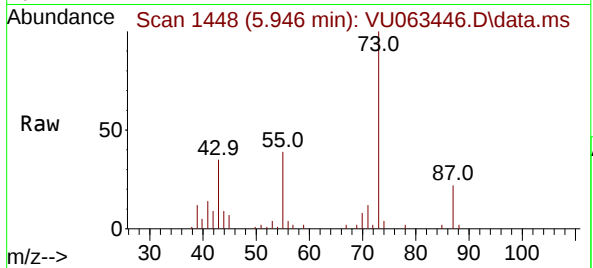
Tgt Ion: 59 Resp: 27899
Ion Ratio Lower Upper
59 100
87 39.4 29.9 44.9





#33
Tert-Amyl methyl ether
Concen: 0.720 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

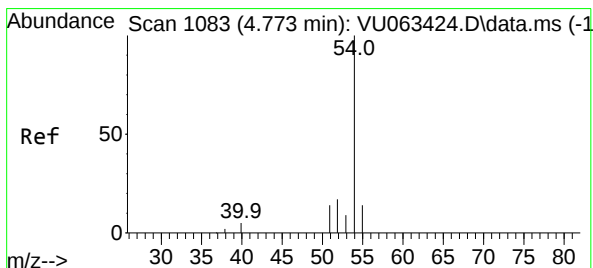
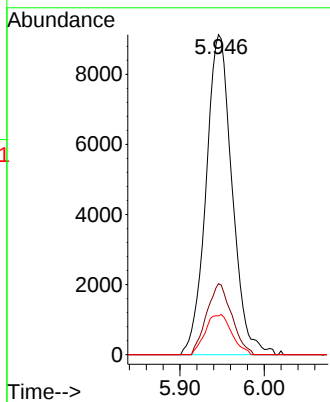
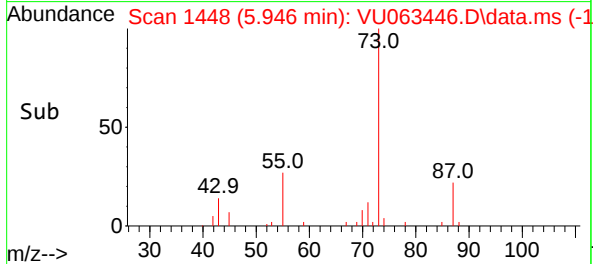
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 73 Resp: 19639
Ion Ratio Lower Upper
73 100
87 21.3 18.1 27.1
71 12.7 10.0 15.0

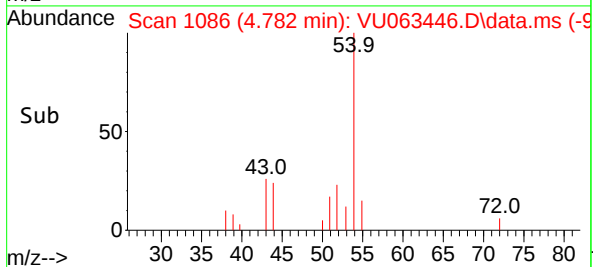
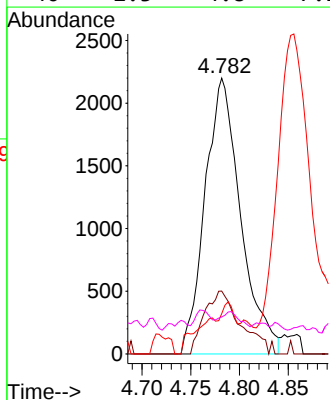
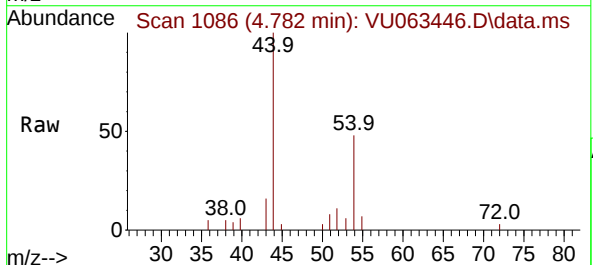
Manual Integrations
APPROVED

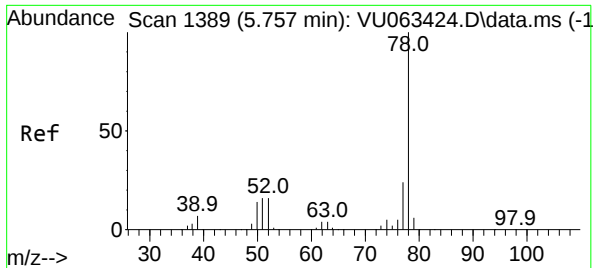
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#34
Propionitrile
Concen: 3.933 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.009 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion: 54 Resp: 5589
Ion Ratio Lower Upper
54 100
52 23.3 14.8 22.2#
55 8.1 12.2 18.2#
40 2.3 4.8 7.2#





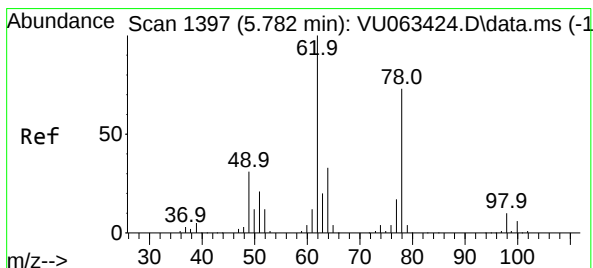
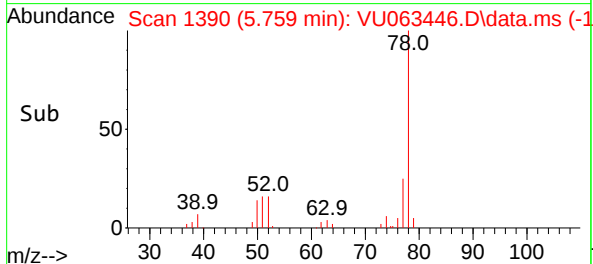
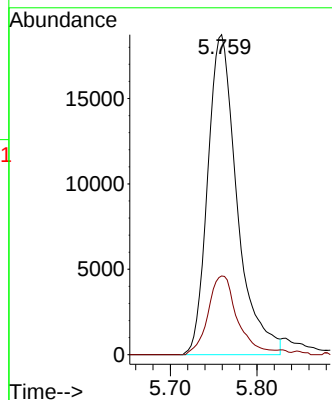
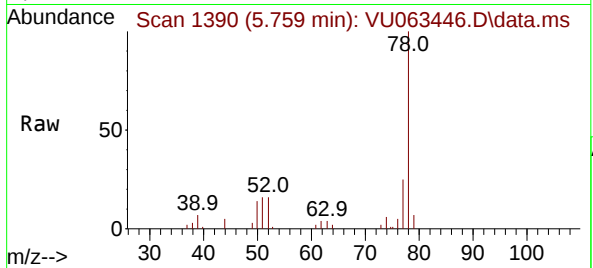
#35
Benzene
Concen: 0.731 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 78 Resp: 4417
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.2

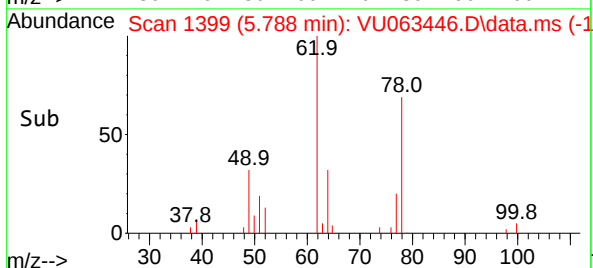
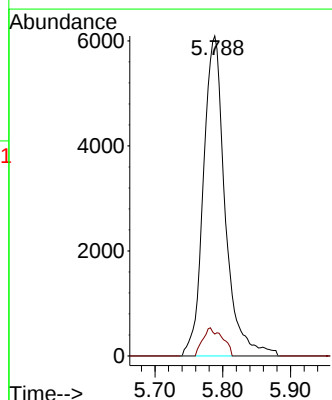
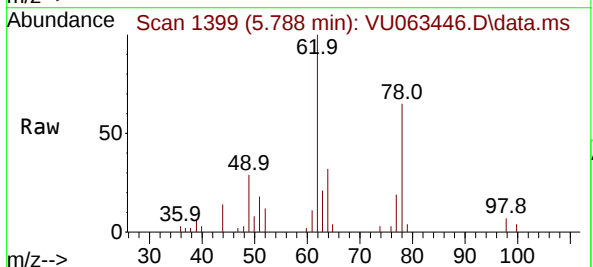
Manual Integrations
APPROVED

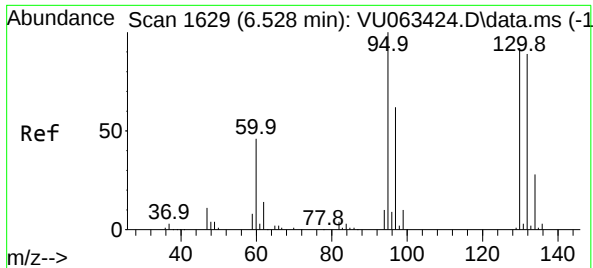
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#36
1,2-Dichloroethane
Concen: 0.766 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion: 62 Resp: 13545
Ion Ratio Lower Upper
62 100
98 7.9 7.1 10.7





#37

Trichloroethene

Concen: 0.793 ug/l

RT: 6.531 min Scan# 11328

Delta R.T. 0.003 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:130 Resp: 11328

Ion Ratio Lower Upper

130 100

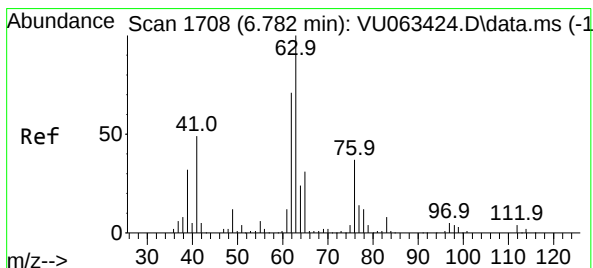
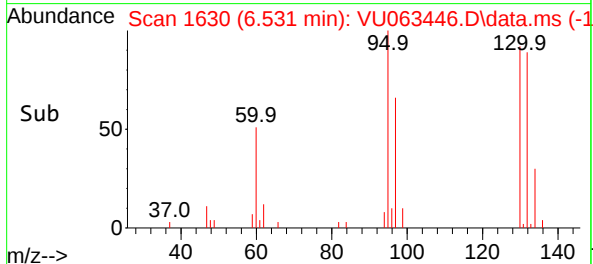
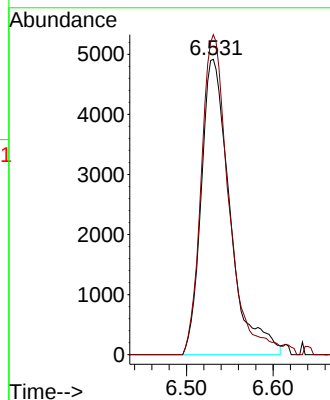
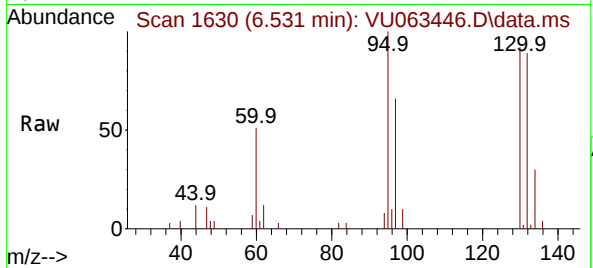
95 108.4 87.2 130.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#38

1,2-Dichloropropane

Concen: 0.782 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU063446.D

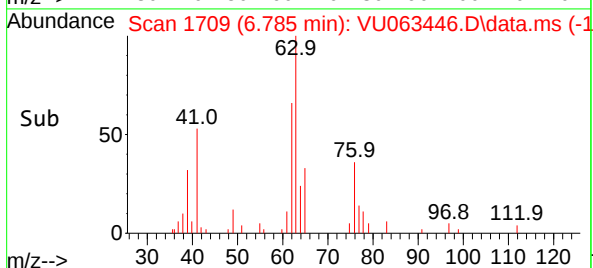
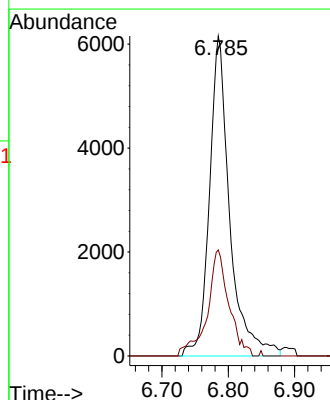
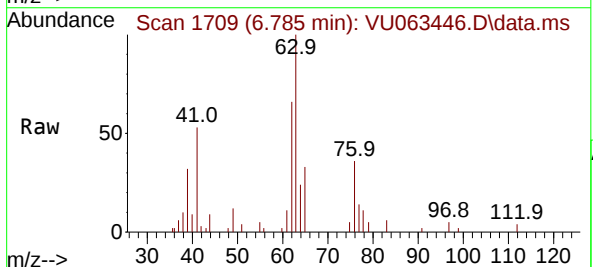
Acq: 24 Jun 2025 19:26

Tgt Ion: 63 Resp: 13057

Ion Ratio Lower Upper

63 100

65 33.1 25.0 37.6





#39

Methacrylonitrile

Concen: 0.699 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.009 min

Lab File: VU063446.D

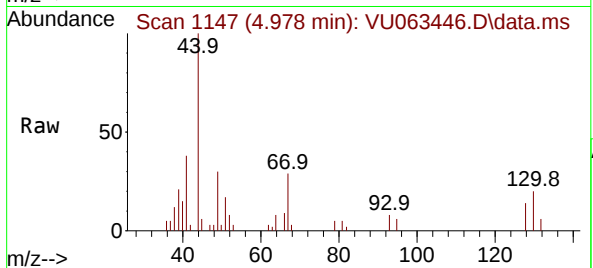
Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

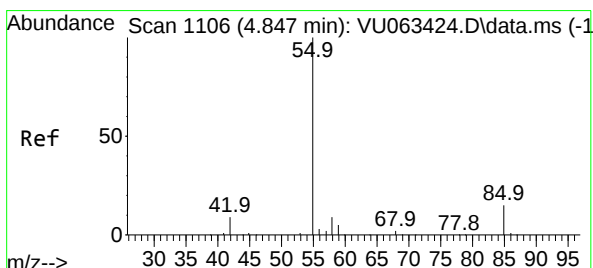
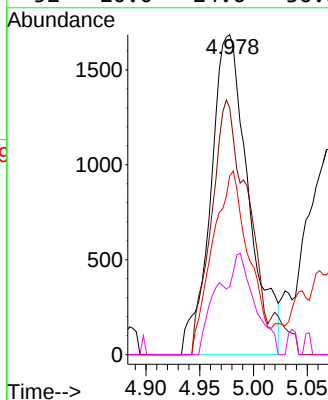
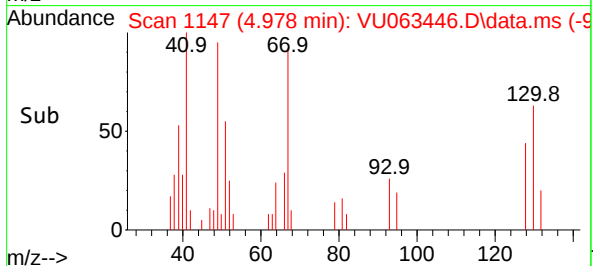


Tgt Ion:	41	Resp:	413
Ion	Ratio	Lower	Upper
41	100		
67	76.0	59.8	89.8
39	55.6	40.7	61.1
52	20.0	24.6	36.8

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 0.782 ug/l

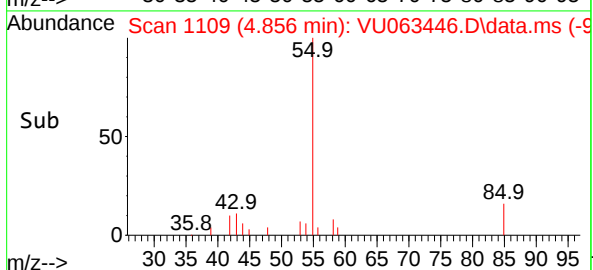
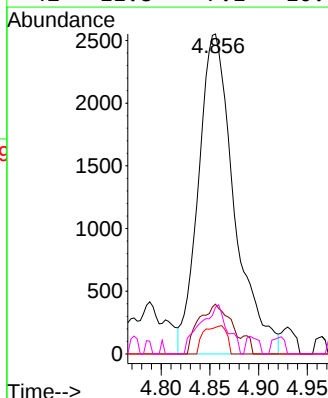
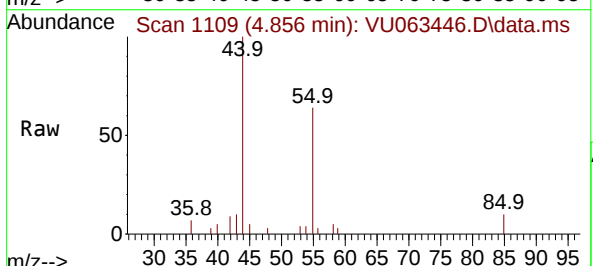
RT: 4.856 min Scan# 1109

Delta R.T. 0.009 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Tgt Ion:	55	Resp:	6496
Ion	Ratio	Lower	Upper
55	100		
85	13.8	12.6	19.0
58	5.6	6.9	10.3
42	11.8	7.1	10.7





#41

Tetrahydrofuran

Concen: 1.608 ug/l

RT: 5.065 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

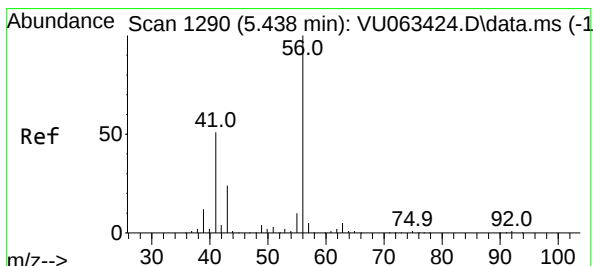
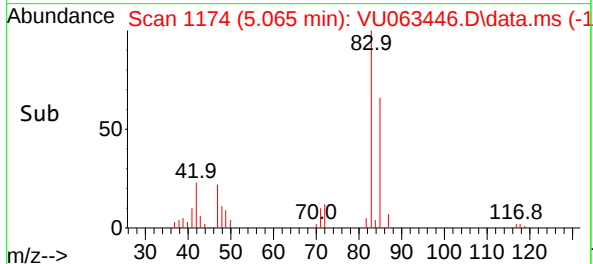
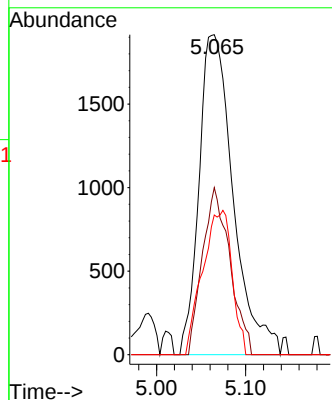
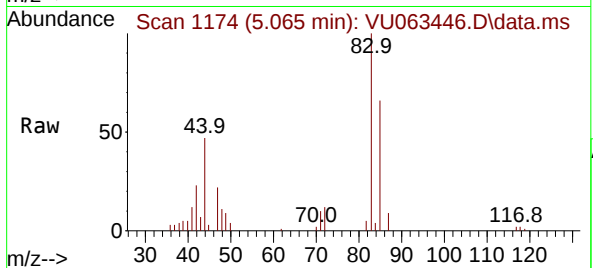
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:	42	Resp:	511
Ion Ratio	Lower	Upper	
42	100		
72	41.9	35.4	53.2
71	38.7	31.4	47.0

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 0.796 ug/l m

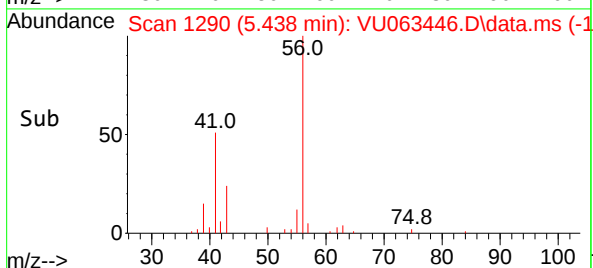
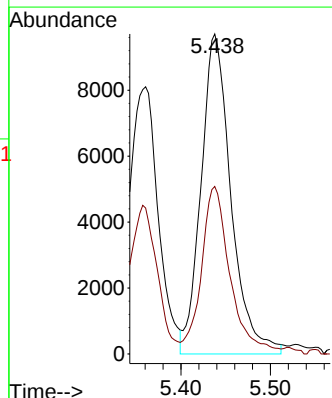
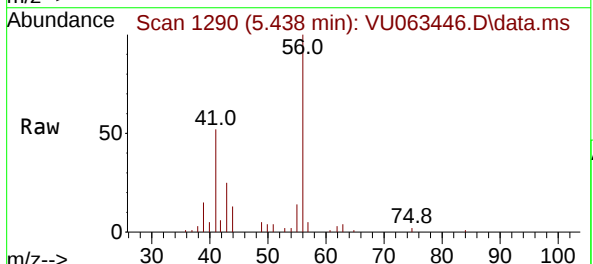
RT: 5.438 min Scan# 1290

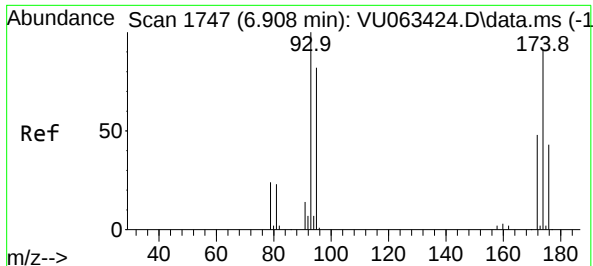
Delta R.T. -0.000 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

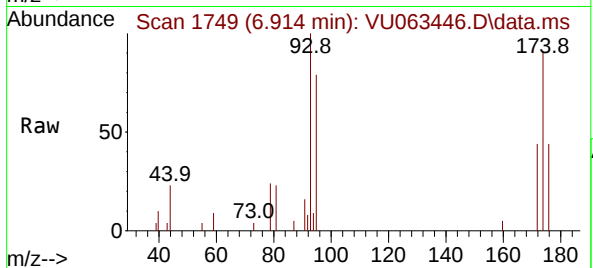
Tgt Ion:	56	Resp:	22585
Ion Ratio	Lower	Upper	
56	100		
41	46.8	26.4	79.0





#43
Dibromomethane
Concen: 0.705 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

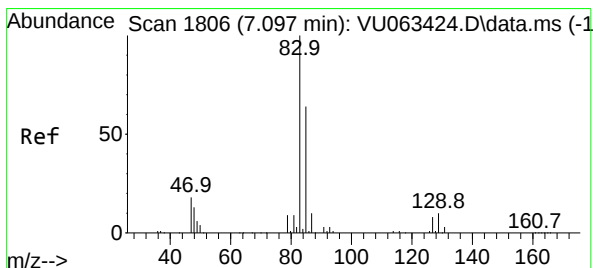
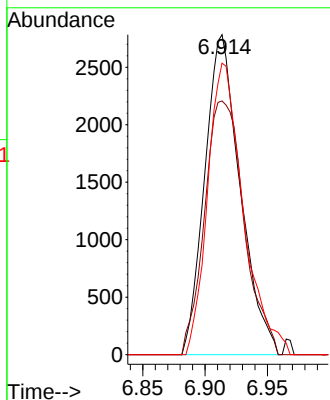
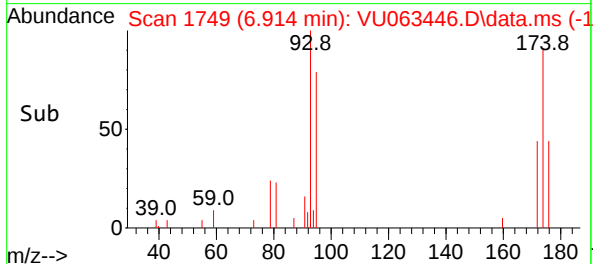
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



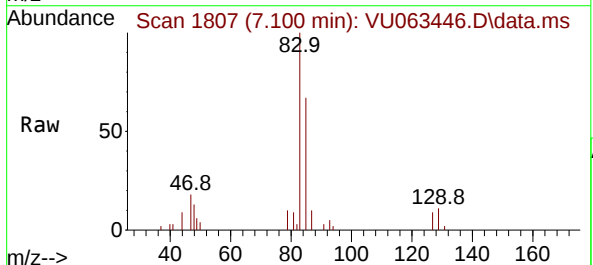
Tgt Ion: 93 Resp: 5500
Ion Ratio Lower Upper
93 100
95 88.6 66.7 100.1
174 91.7 71.1 106.7

Manual Integrations
APPROVED

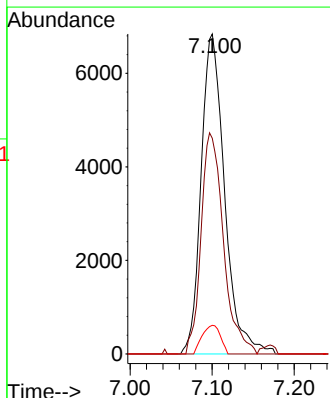
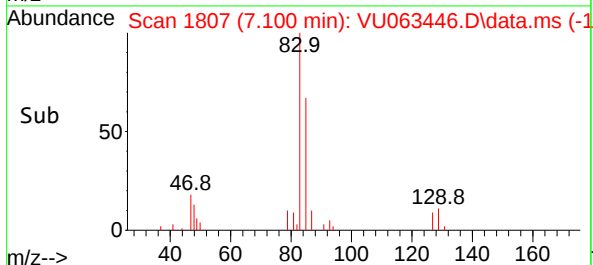
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

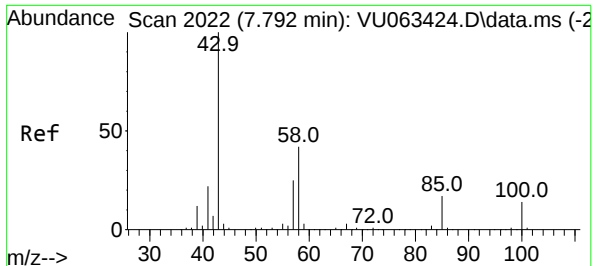


#44
Bromodichloromethane
Concen: 0.717 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26



Tgt Ion: 83 Resp: 13624
Ion Ratio Lower Upper
83 100
85 67.4 51.4 77.2
127 8.9 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 3.099 ug/l

RT: 7.801 min Scan# 2022

Delta R.T. 0.009 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

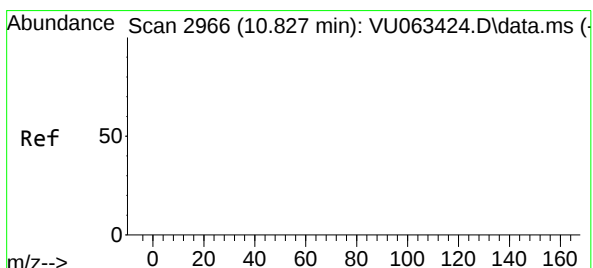
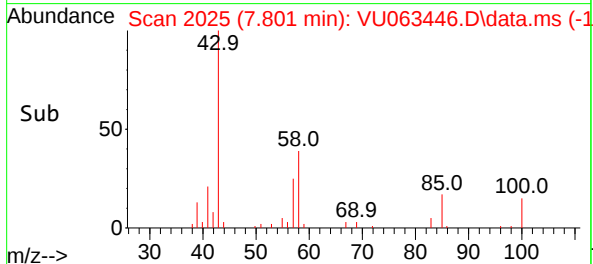
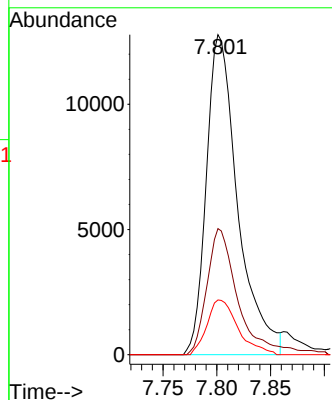
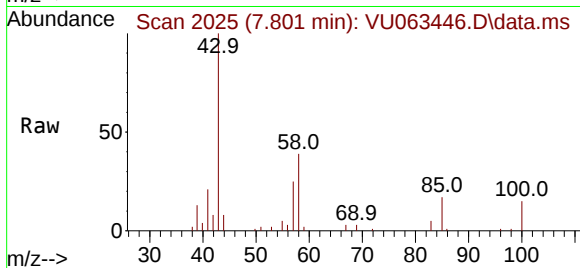
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43	Resp: 2595
Ion Ratio	Lower Upper
43 100	
58 39.4	20.5 61.6
85 17.0	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: 1.646 ug/l m

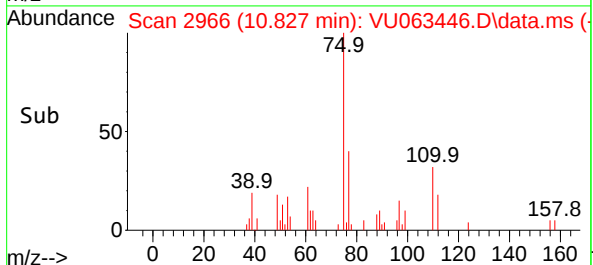
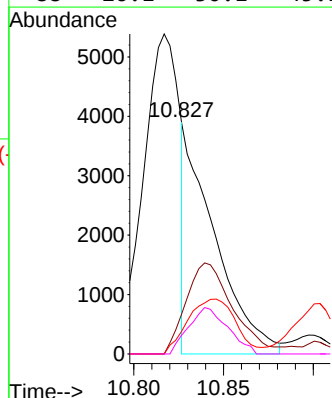
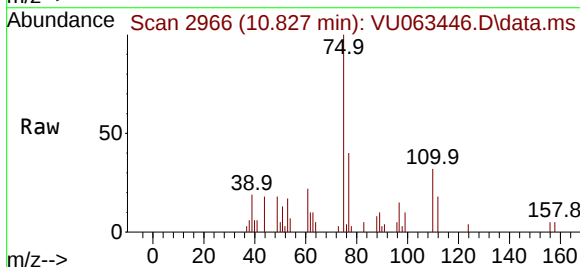
RT: 10.827 min Scan# 2966

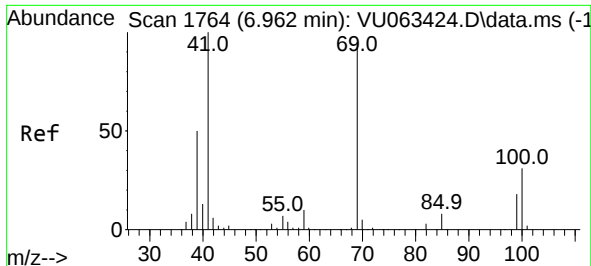
Delta R.T. -0.000 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Tgt Ion: 75	Resp: 4532
Ion Ratio	Lower Upper
75 100	
53 61.2	61.4 92.2#
89 37.9	39.2 58.8#
88 26.1	30.1 45.1#





#47

Methyl methacrylate

Concen: 1.170 ug/l

RT: 6.978 min Scan# 1769

Delta R.T. 0.016 min

Lab File: VU063446.D

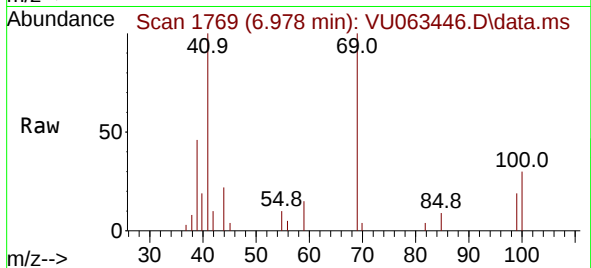
Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 69 Resp: 7075

Ion Ratio Lower Upper

69 100

41 101.6 0.0 212.6

39 54.5 40.6 61.0

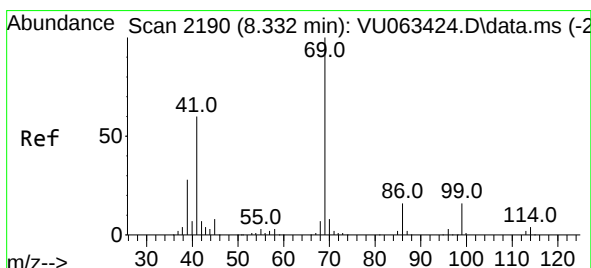
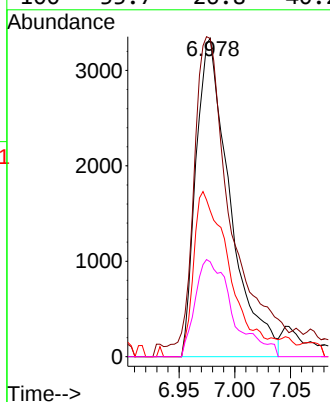
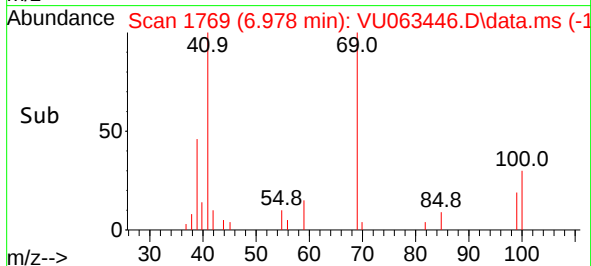
100 33.7 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#48

Ethyl methacrylate

Concen: 0.646 ug/l

RT: 8.341 min Scan# 2193

Delta R.T. 0.009 min

Lab File: VU063446.D

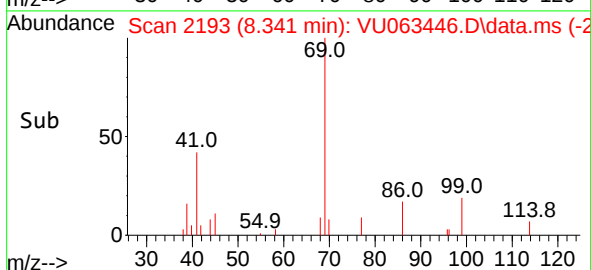
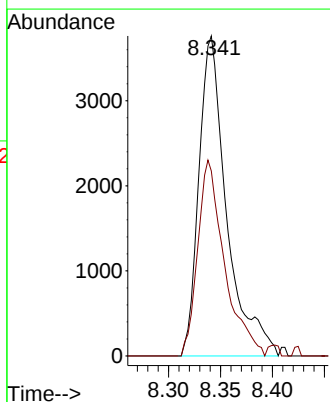
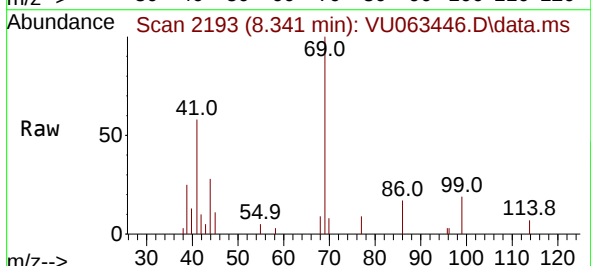
Acq: 24 Jun 2025 19:26

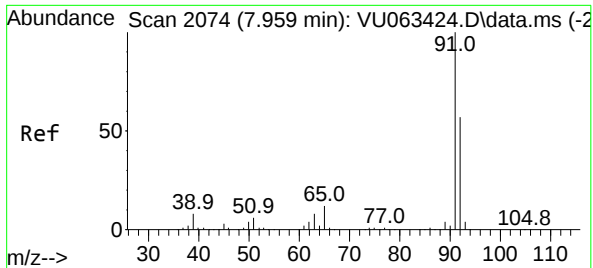
Tgt Ion: 69 Resp: 6994

Ion Ratio Lower Upper

69 100

41 58.9 30.6 92.0





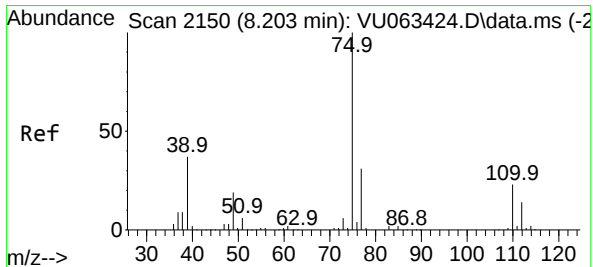
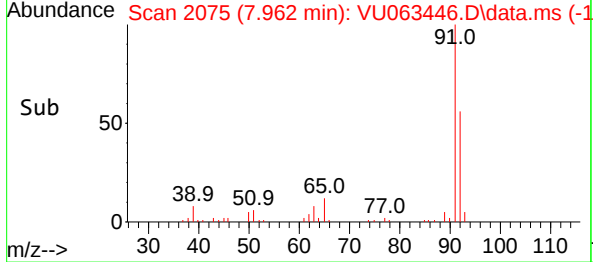
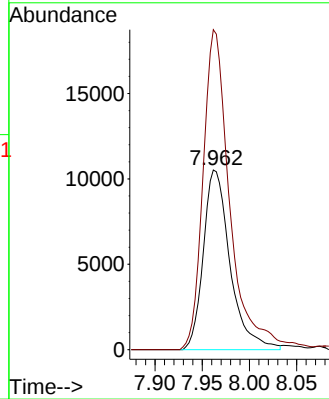
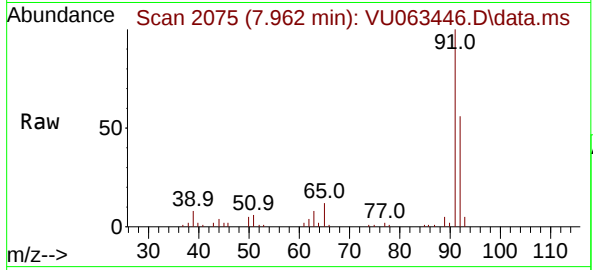
#49
Toluene
Concen: 0.624 ug/l
RT: 7.962 min Scan# 2070
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 92 Resp: 2070
Ion Ratio Lower Upper
92 100
91 179.6 142.0 213.0

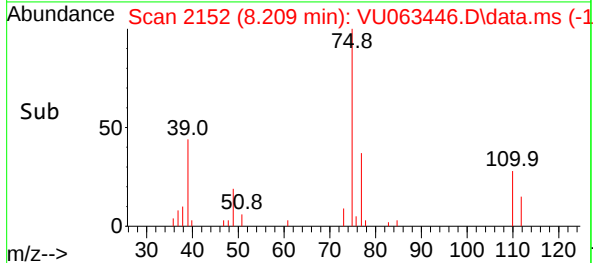
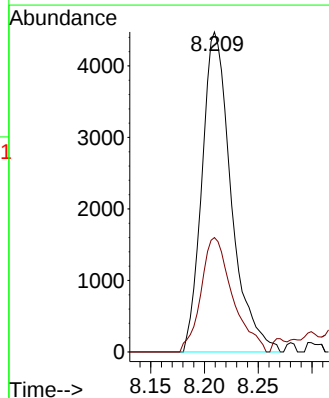
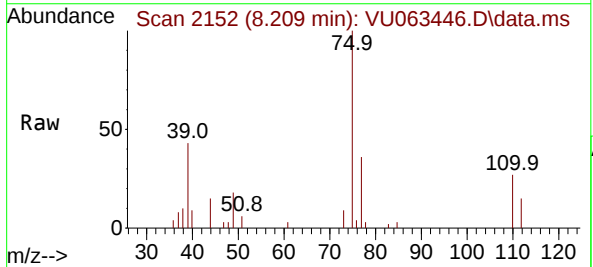
Manual Integrations
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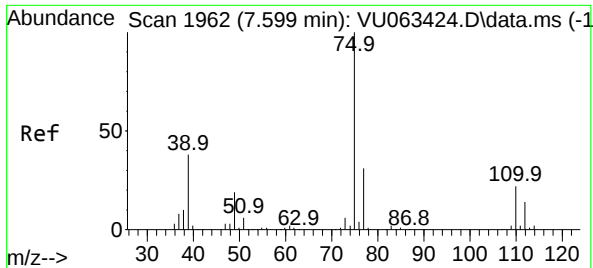
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#50
t-1,3-Dichloropropene
Concen: 0.616 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

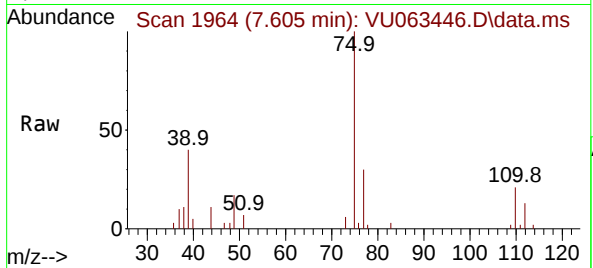
Tgt Ion: 75 Resp: 8446
Ion Ratio Lower Upper
75 100
77 35.7 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 0.675 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU063446.D
 Acq: 24 Jun 2025 19:26

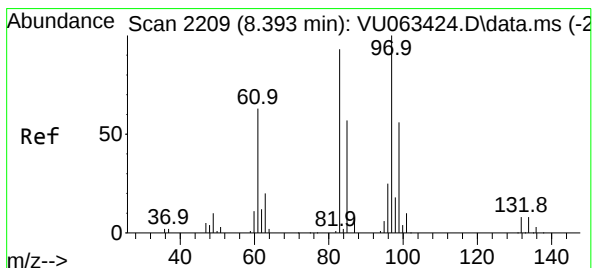
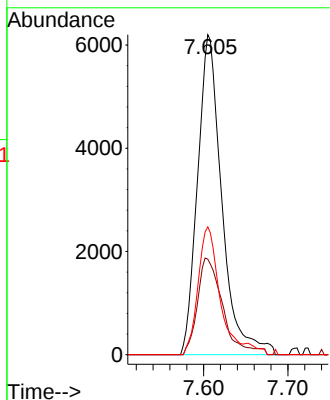
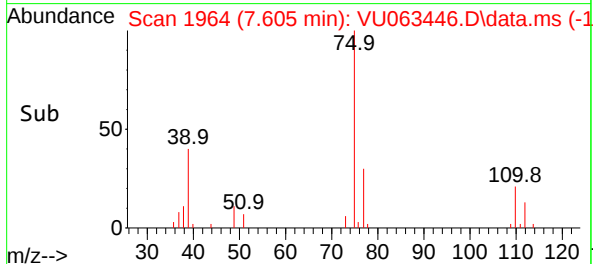
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 75 Resp: 12419
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.8 37.2
 39 40.0 30.7 46.1

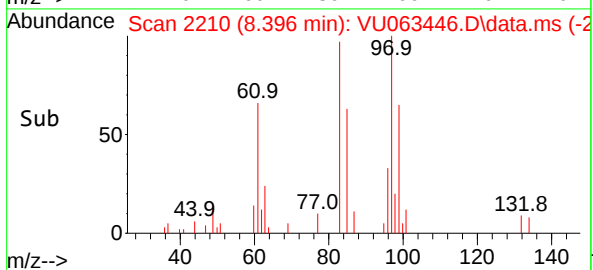
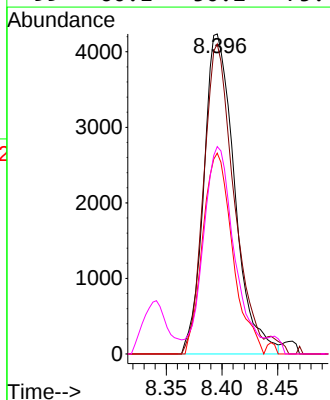
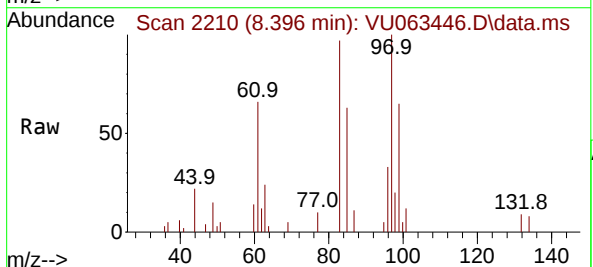
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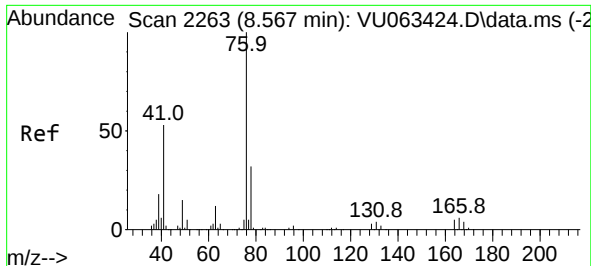
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.714 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063446.D
 Acq: 24 Jun 2025 19:26

Tgt Ion: 97 Resp: 8148
 Ion Ratio Lower Upper
 97 100
 83 96.9 74.1 111.1
 85 62.7 45.8 68.8
 99 60.1 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.734 ug/l

RT: 8.573 min Scan# 2139

Delta R.T. 0.006 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 1439

Ion Ratio Lower Upper

76 100

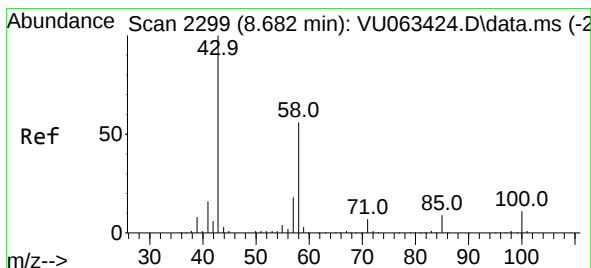
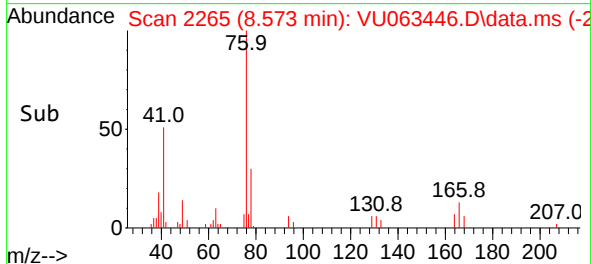
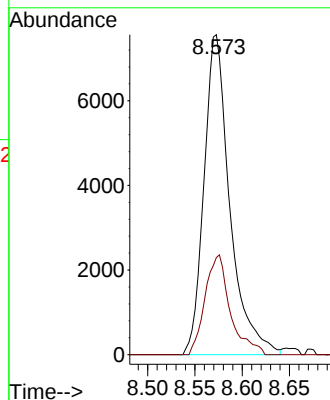
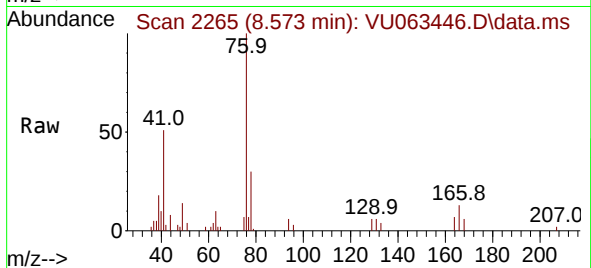
78 30.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#54

2-Hexanone

Concen: 2.988 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.013 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

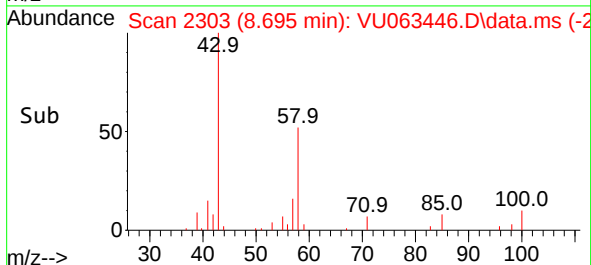
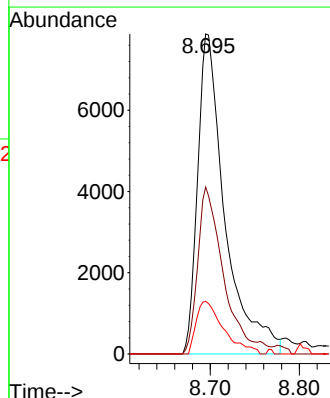
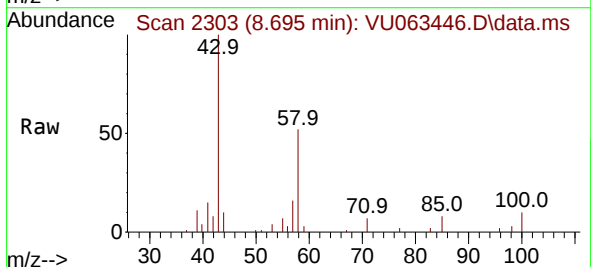
Tgt Ion: 43 Resp: 16788

Ion Ratio Lower Upper

43 100

58 49.7 36.9 76.9

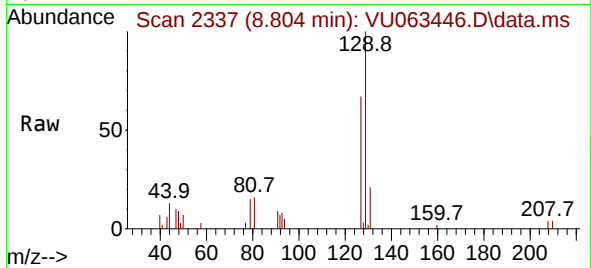
57 16.4 0.0 38.8





#55
Dibromochloromethane
Concen: 0.753 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

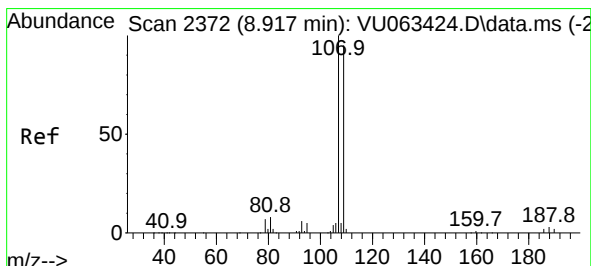
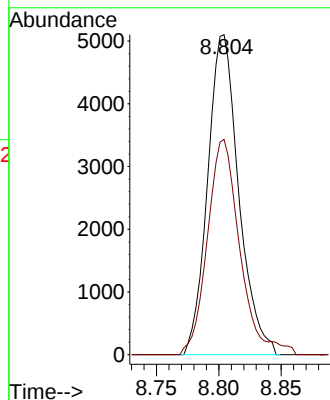
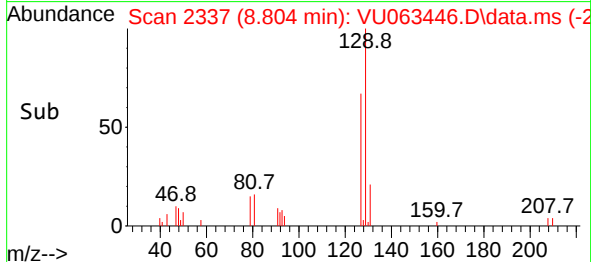
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:129 Resp: 886
Ion Ratio Lower Upper
129 100
127 70.1 62.6 93.8

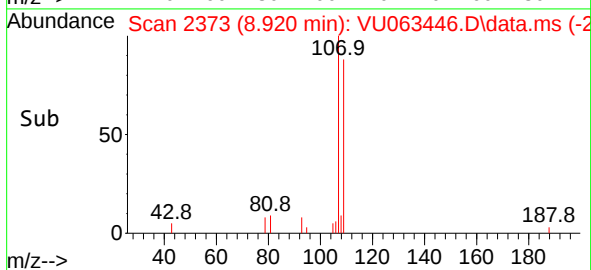
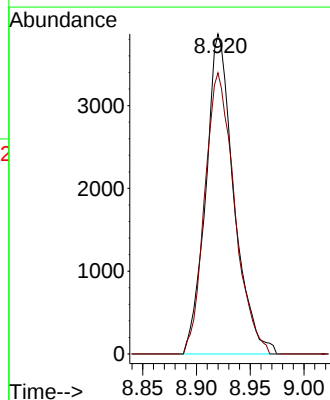
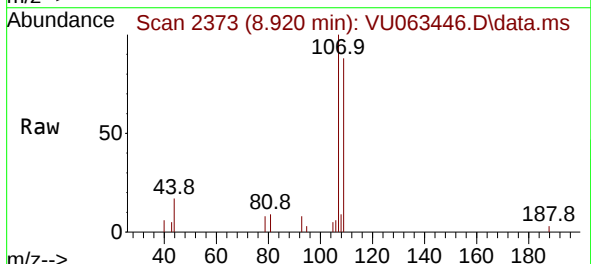
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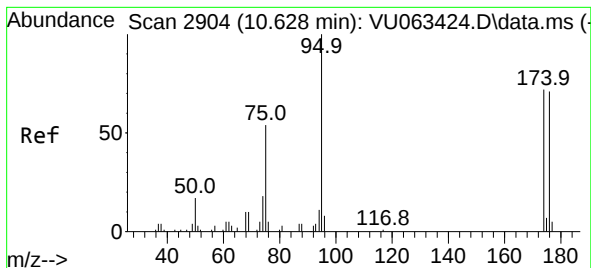
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#56
1,2-Dibromoethane
Concen: 0.758 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

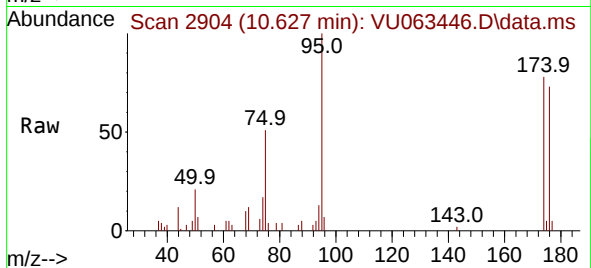
Tgt Ion:107 Resp: 7010
Ion Ratio Lower Upper
107 100
109 93.2 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.860 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

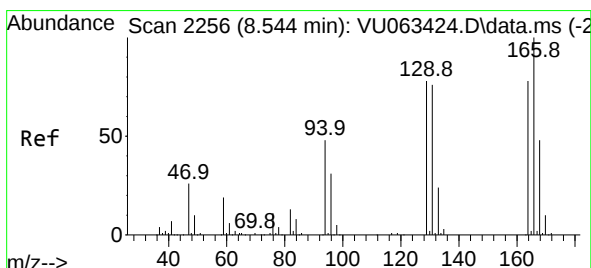
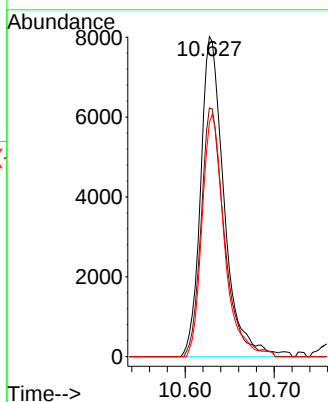
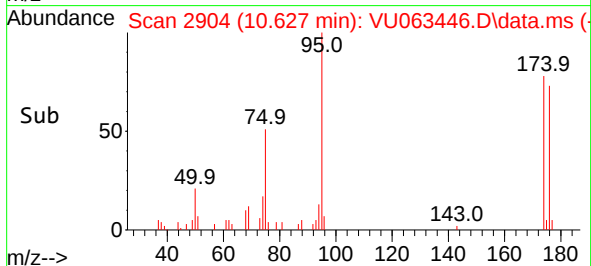
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



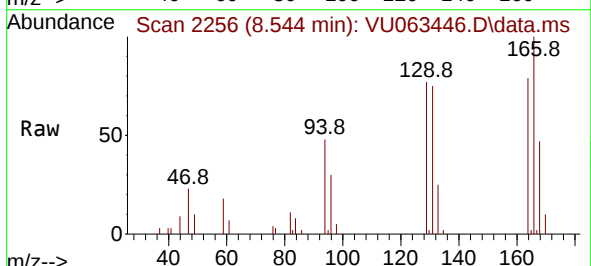
Tgt Ion: 95 Resp: 14658
Ion Ratio Lower Upper
95 100
174 77.2 59.4 89.2
176 71.2 57.8 86.6

Manual Integrations
APPROVED

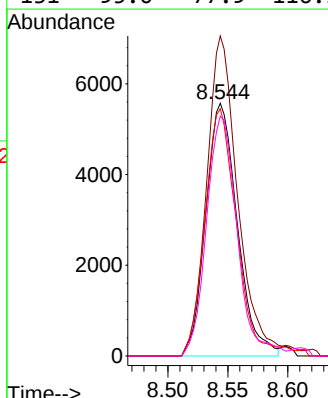
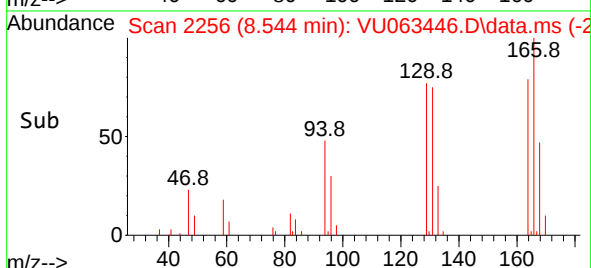
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

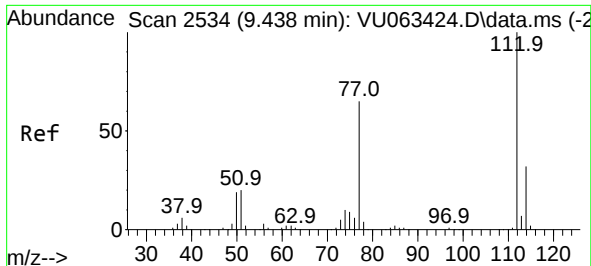


#58
Tetrachloroethene
Concen: 0.726 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26



Tgt Ion:164 Resp: 10180
Ion Ratio Lower Upper
164 100
166 126.7 102.8 154.2
129 97.9 80.2 120.2
131 95.0 77.9 116.9





#59

Chlorobenzene

Concen: 0.697 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:112 Resp: 2476

Ion Ratio Lower Upper

112 100

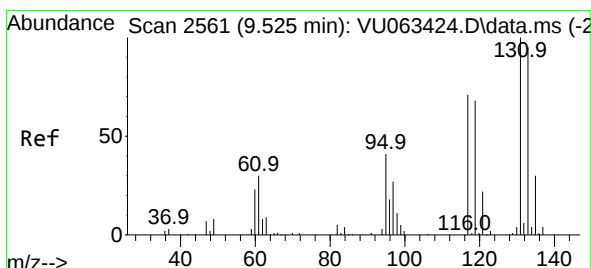
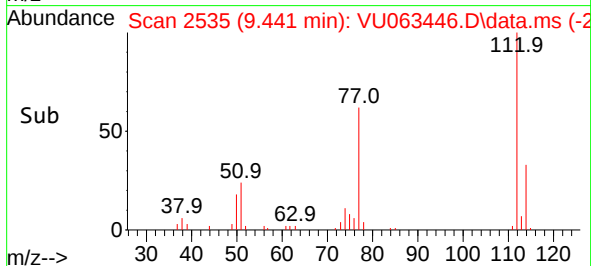
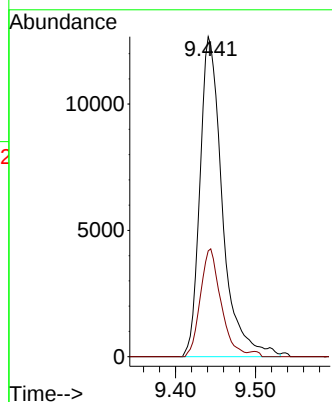
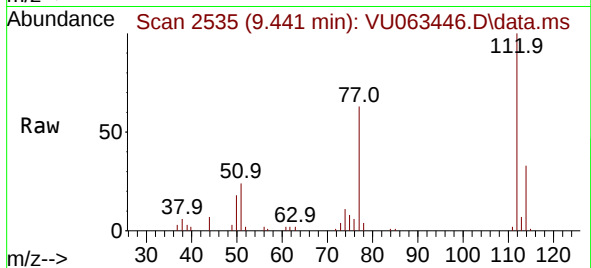
114 33.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 0.711 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

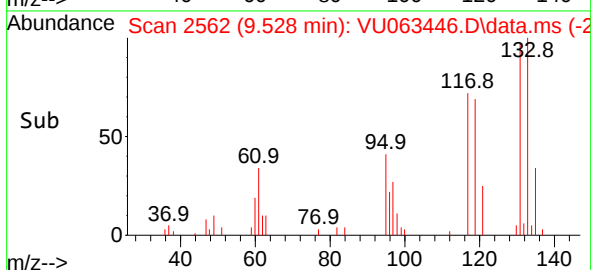
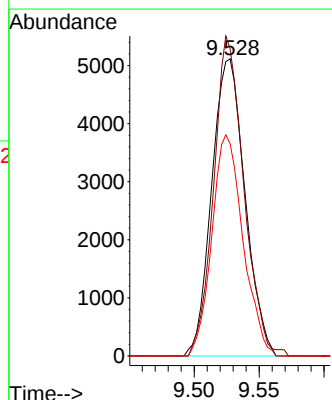
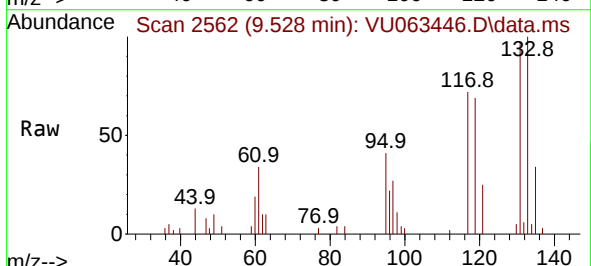
Tgt Ion:131 Resp: 9090

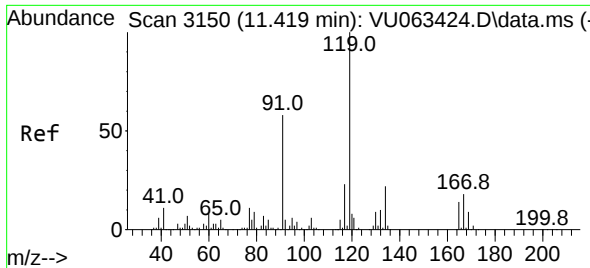
Ion Ratio Lower Upper

131 100

133 97.9 76.1 114.1

119 69.8 53.7 80.5





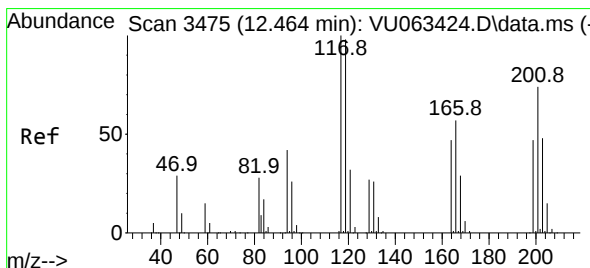
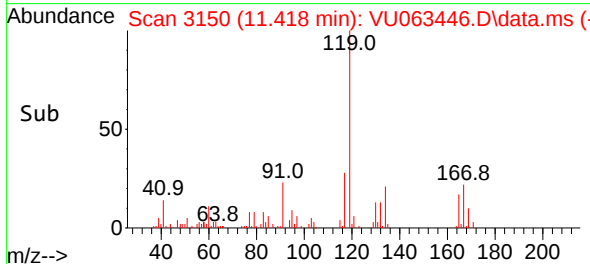
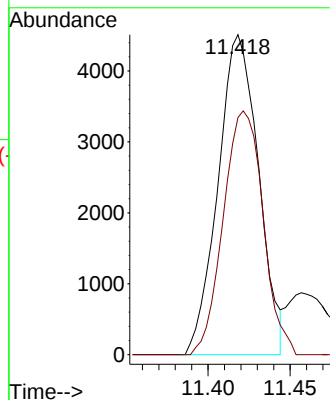
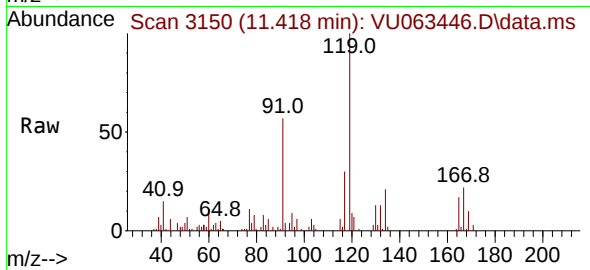
#61
Pentachloroethane
Concen: 0.742 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:117 Resp: 7730
Ion Ratio Lower Upper
117 100
167 74.9 58.1 87.1

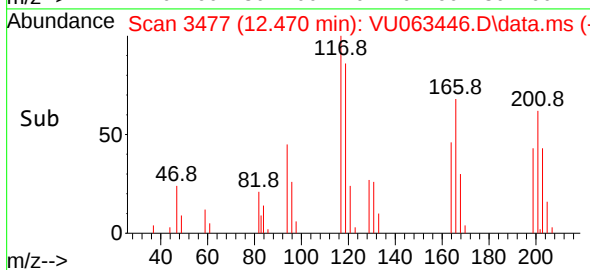
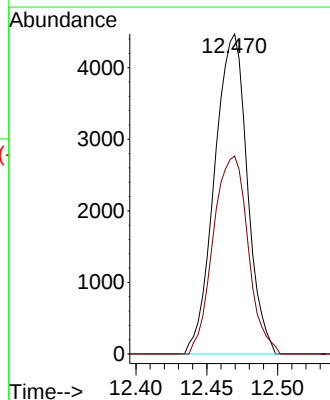
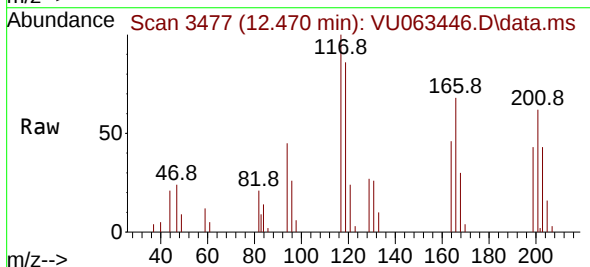
Manual Integrations
APPROVED

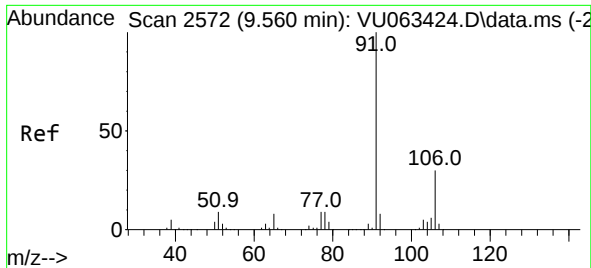
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#62
Hexachloroethane
Concen: 0.768 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.006 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion:117 Resp: 7201
Ion Ratio Lower Upper
117 100
201 65.6 60.4 90.6





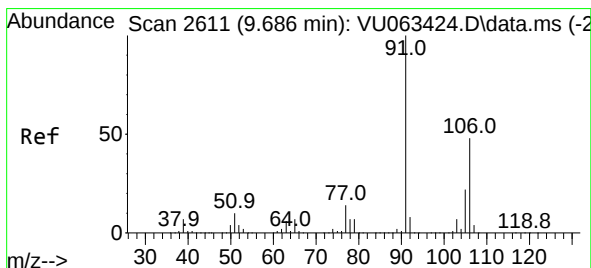
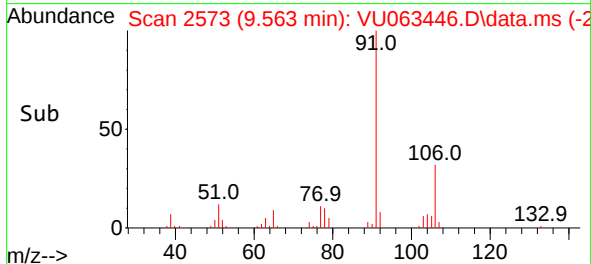
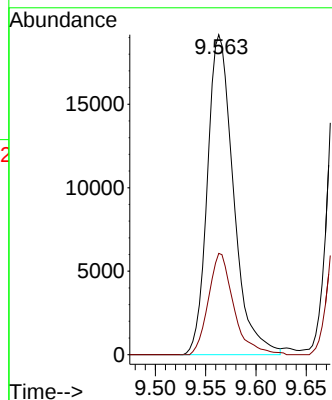
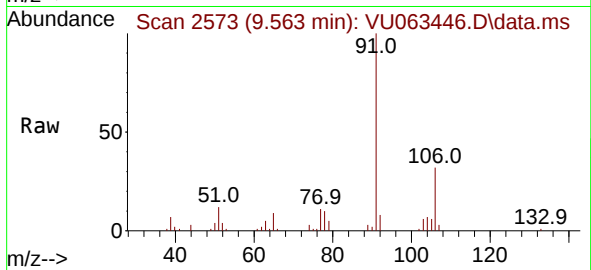
#63
Ethyl Benzene
Concen: 0.608 ug/l
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 3462
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.2

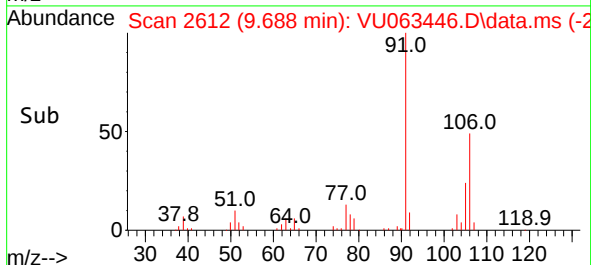
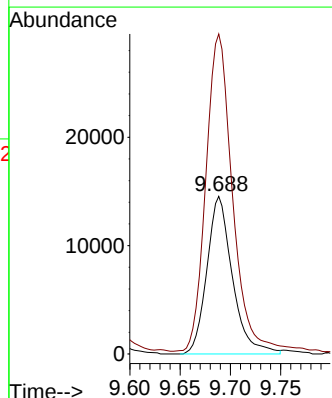
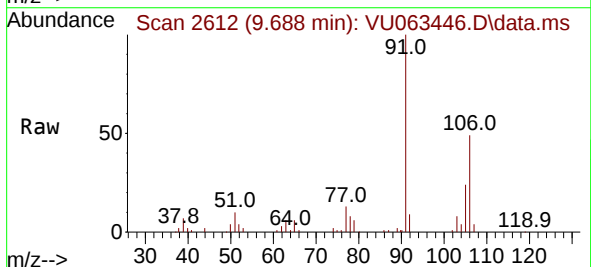
Manual Integrations
APPROVED

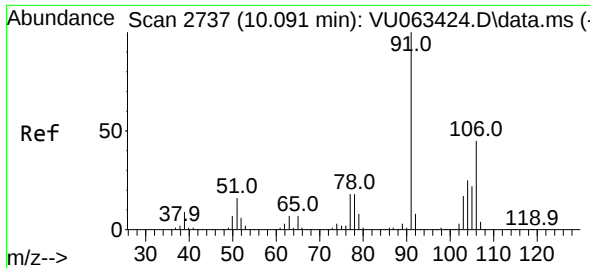
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#64
m/p-Xylenes
Concen: 1.156 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion:106 Resp: 25696
Ion Ratio Lower Upper
106 100
91 213.7 169.9 254.9





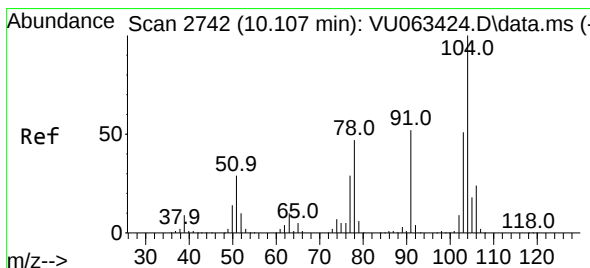
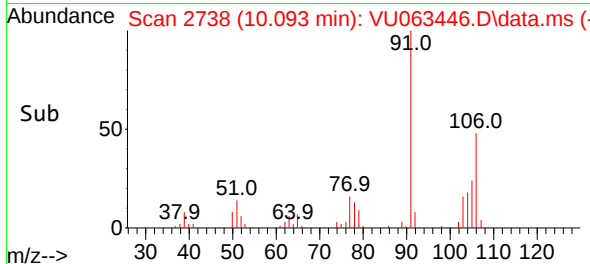
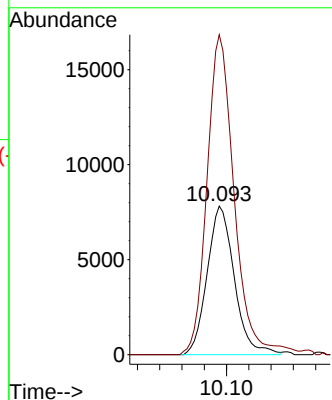
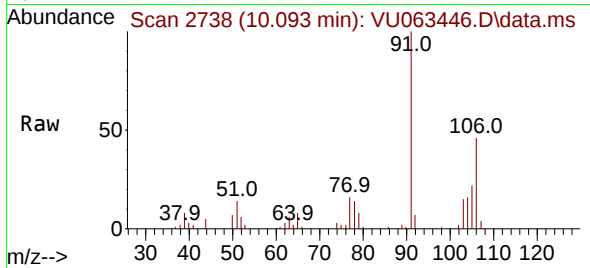
#65
o-Xylene
Concen: 0.612 ug/l
RT: 10.093 min Scan# 2737
Delta R.T. 0.002 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:106 Resp: 1324
Ion Ratio Lower Upper
106 100
91 215.2 110.8 332.3

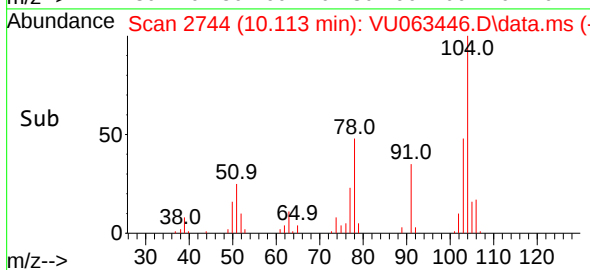
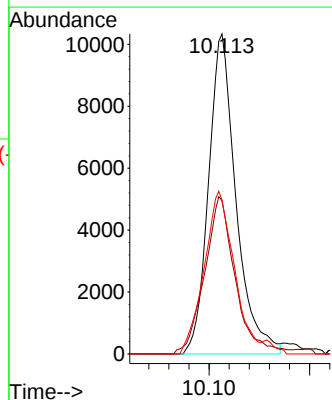
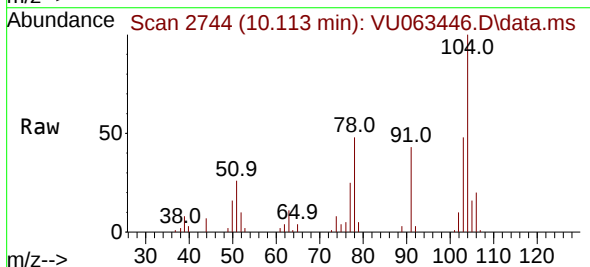
Manual Integrations
APPROVED

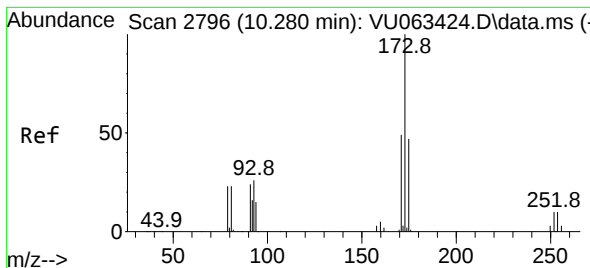
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#66
Styrene
Concen: 0.557 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion:104 Resp: 19615
Ion Ratio Lower Upper
104 100
78 54.6 41.6 62.4
103 55.6 44.6 67.0





#67

Bromoform

Concen: 0.716 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063446.D

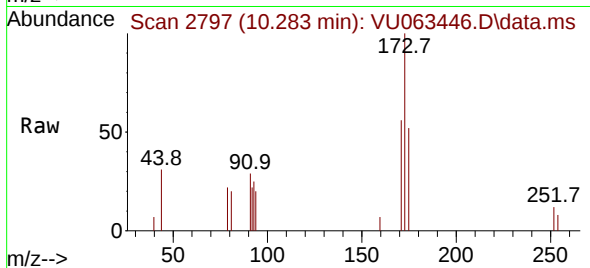
Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



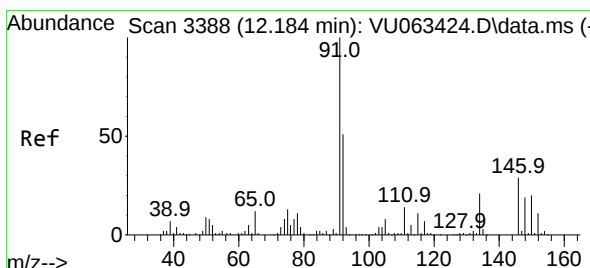
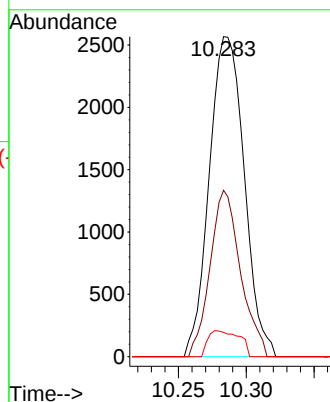
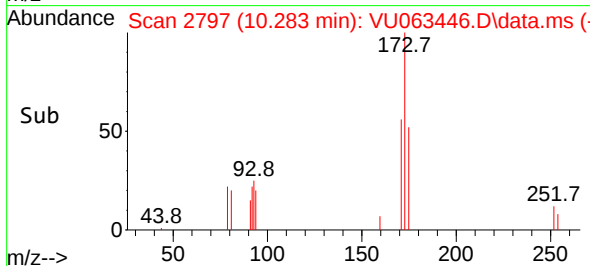
Tgt Ion:	173	Resp:	460
Ion Ratio	Lower	Upper	
173	100		
175	45.2	38.2	57.2
254	7.3	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.941 ug/l

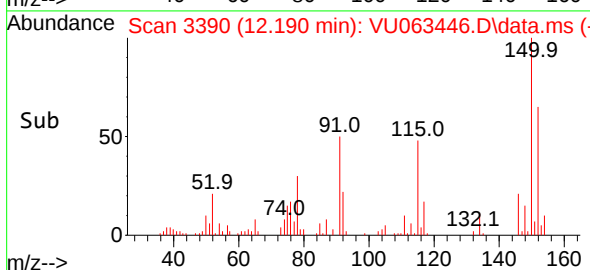
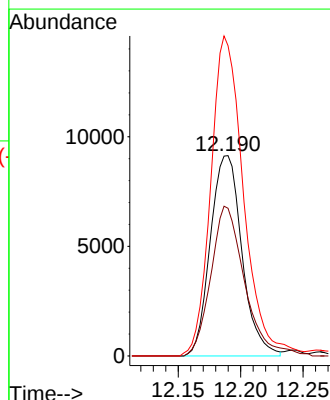
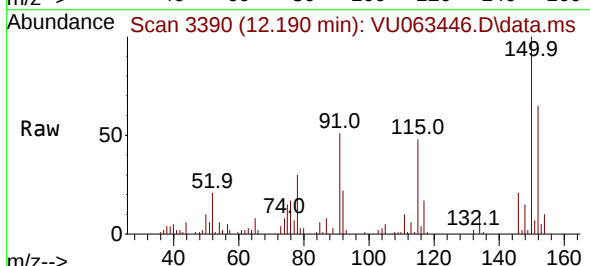
RT: 12.190 min Scan# 3390

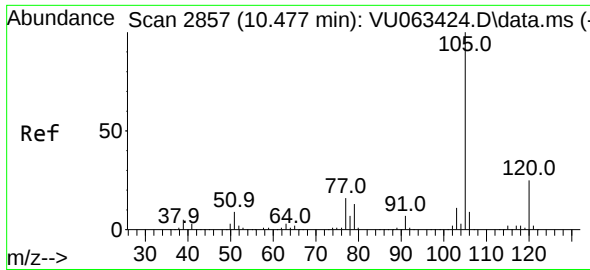
Delta R.T. 0.006 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Tgt Ion:	152	Resp:	16096
Ion Ratio	Lower	Upper	
152	100		
115	80.2	0.0	327.6
150	165.7	0.0	664.4





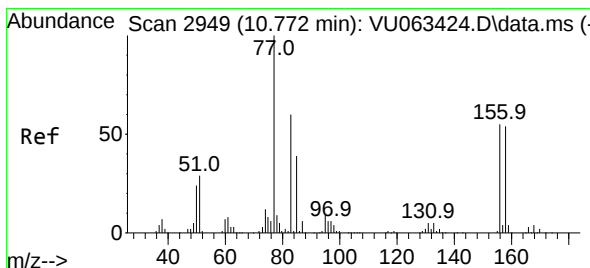
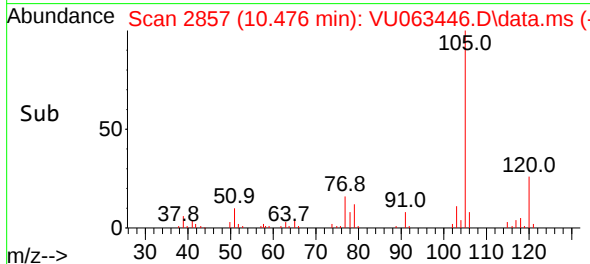
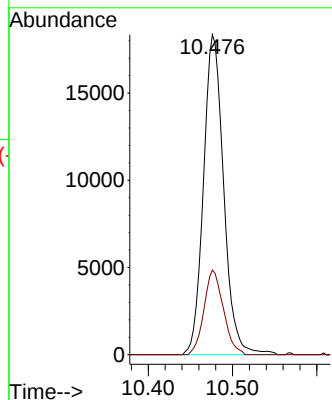
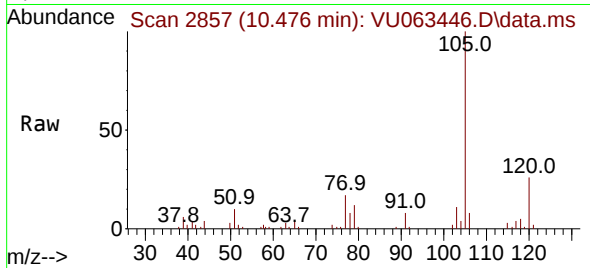
#69
Isopropylbenzene
Concen: 0.611 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 30654
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.1

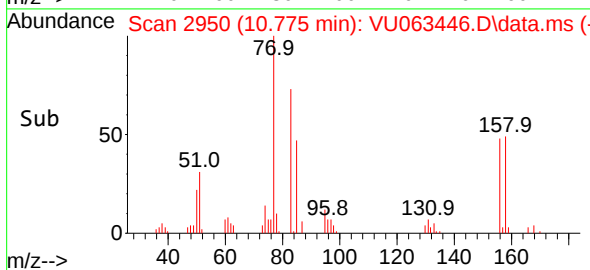
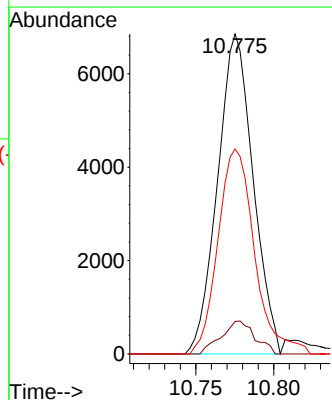
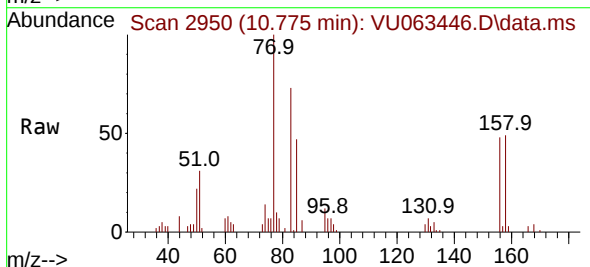
Manual Integrations
APPROVED

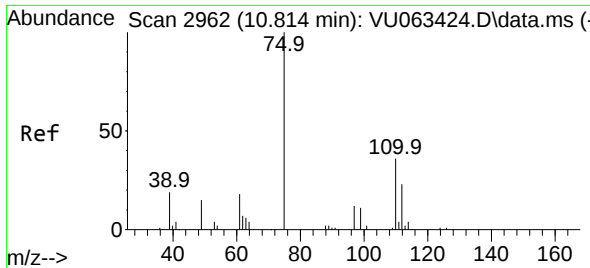
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.745 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

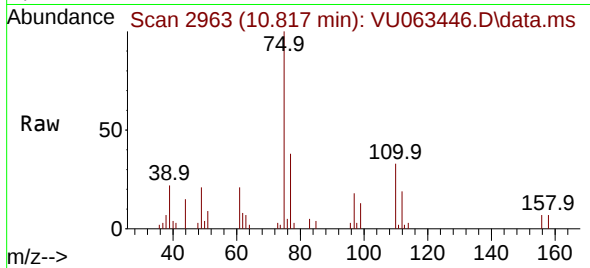
Tgt Ion: 83 Resp: 10861
Ion Ratio Lower Upper
83 100
131 9.8 7.4 11.0
85 66.0 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 0.743 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

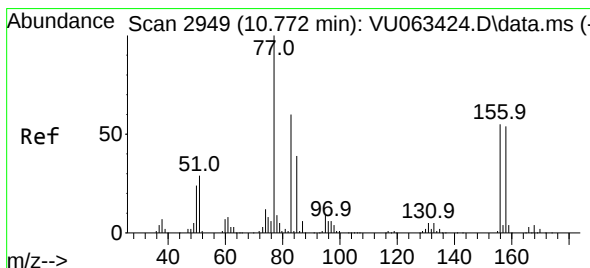
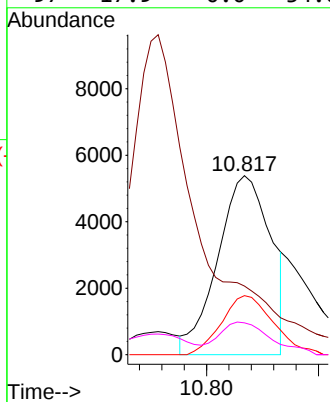
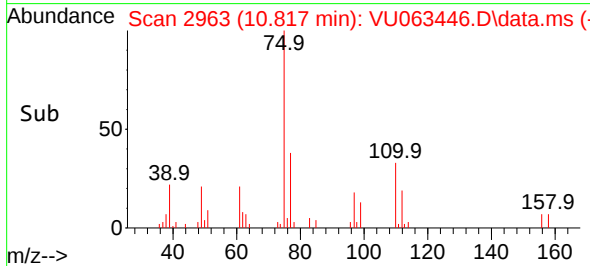
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



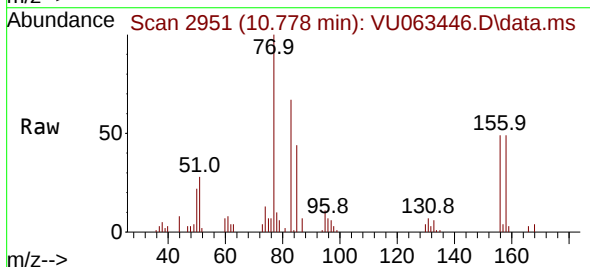
Tgt Ion: 75 Resp: 8849
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 32.3 0.0 63.4
97 17.9 0.0 34.0

Manual Integrations
APPROVED

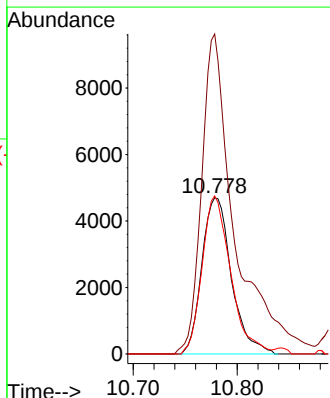
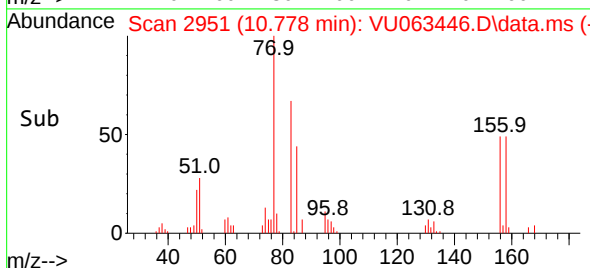
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

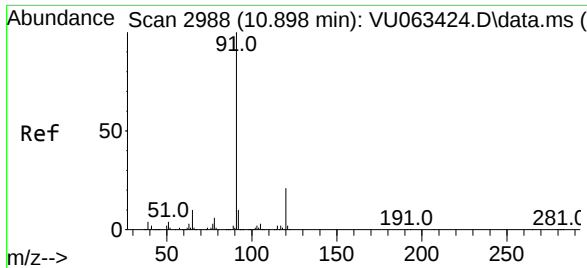


#72
Bromobenzene
Concen: 0.660 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26



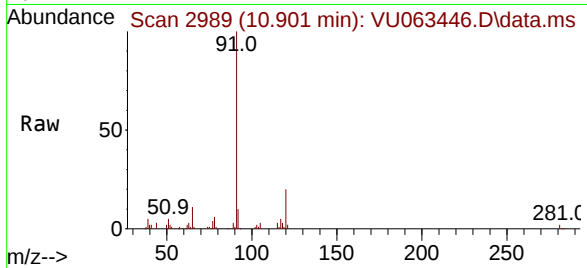
Tgt Ion:156 Resp: 9286
Ion Ratio Lower Upper
156 100
77 230.1 0.0 416.2
158 98.0 0.0 190.6





#73
n-propylbenzene
Concen: 0.580 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

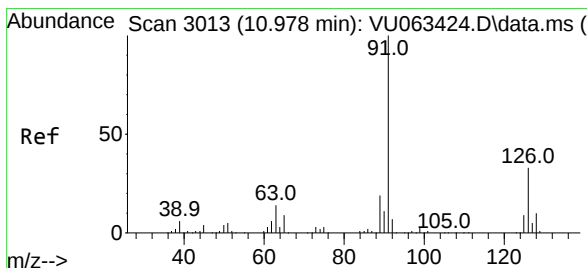
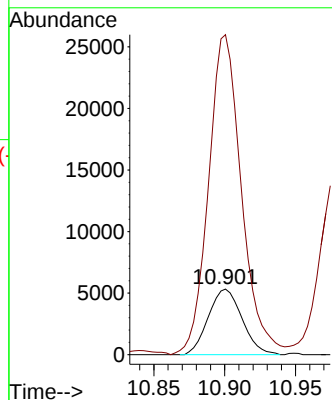
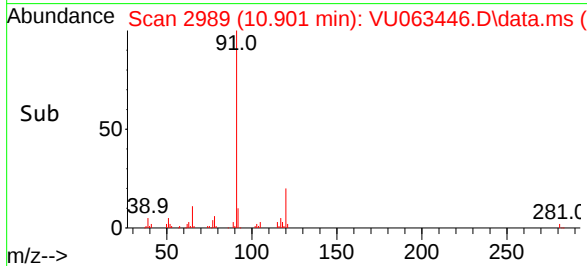
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:120 Resp: 882
Ion Ratio Lower Upper
120 100
91 476.3 373.7 560.5

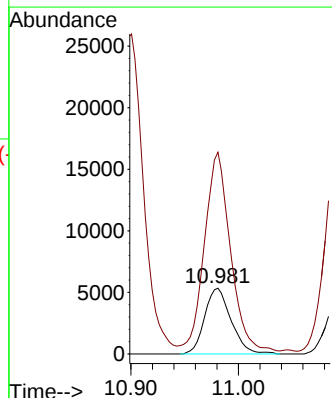
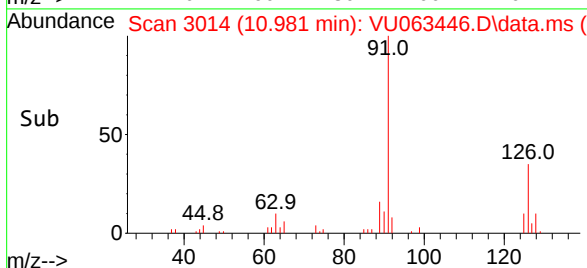
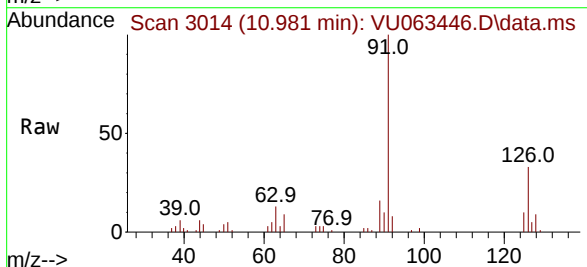
Manual Integrations
APPROVED

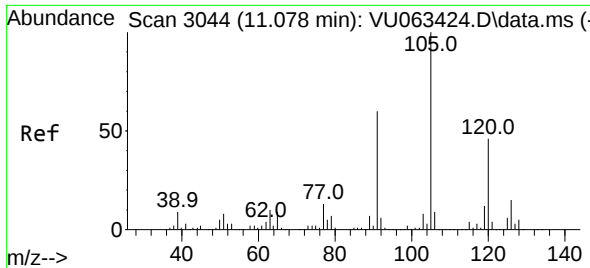
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#74
2-Chlorotoluene
Concen: 0.655 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion:126 Resp: 9112
Ion Ratio Lower Upper
126 100
91 298.5 0.0 650.8





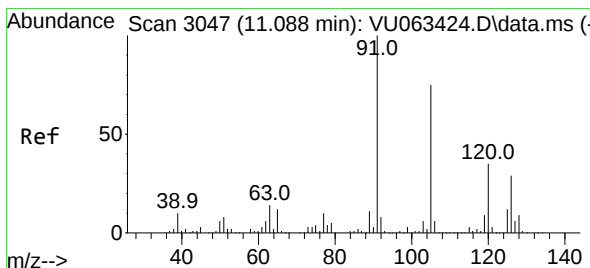
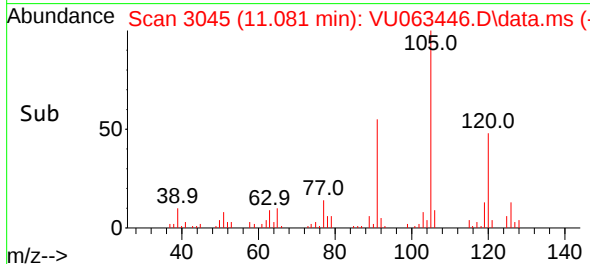
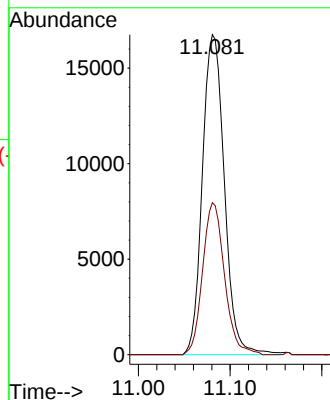
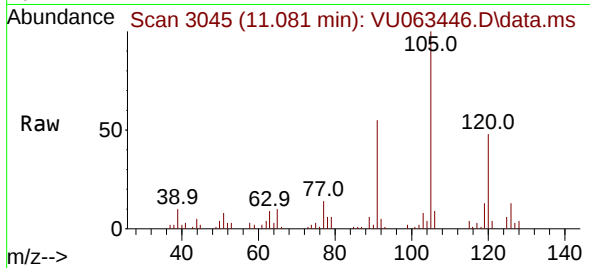
#75
1,3,5-Trimethylbenzene
Concen: 0.572 ug/l
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 2791
Ion Ratio Lower Upper
105 100
120 47.3 37.0 55.4

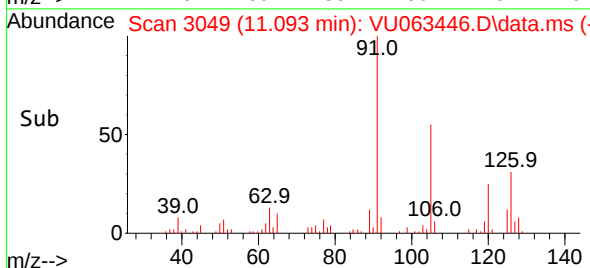
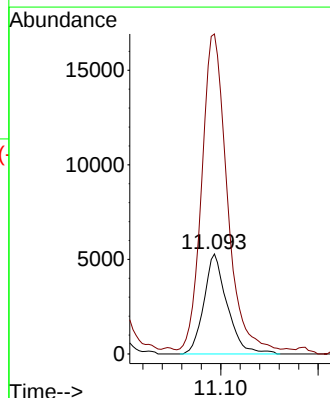
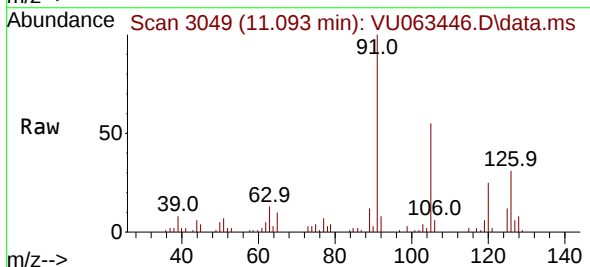
Manual Integrations
APPROVED

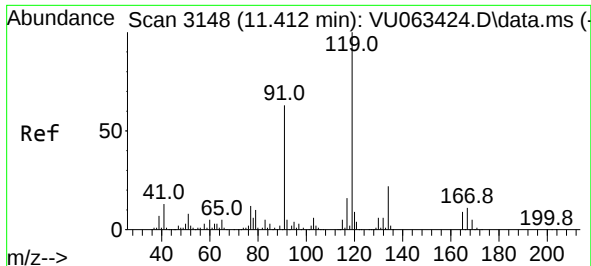
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#76
4-Chlorotoluene
Concen: 0.600 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.005 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

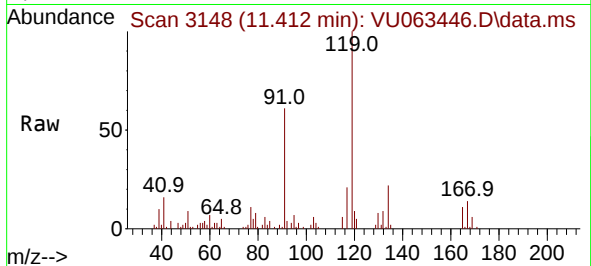
Tgt Ion:126 Resp: 8749
Ion Ratio Lower Upper
126 100
91 343.2 0.0 713.2





#77
tert-Butylbenzene
Concen: 0.634 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

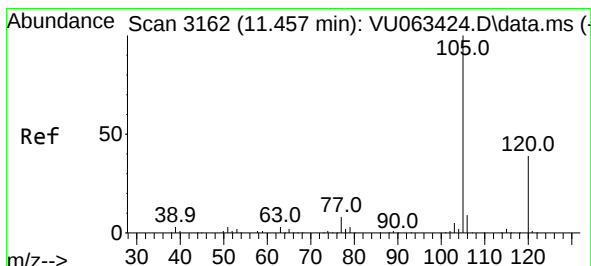
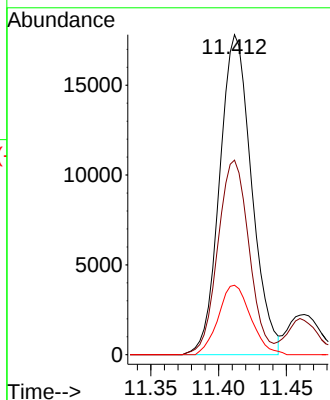
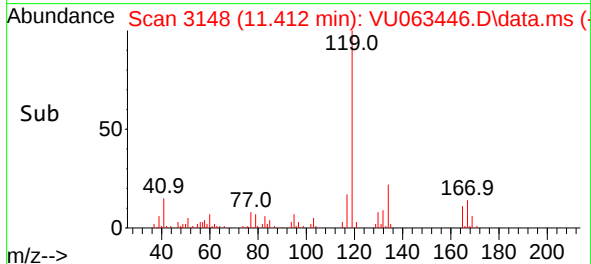
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



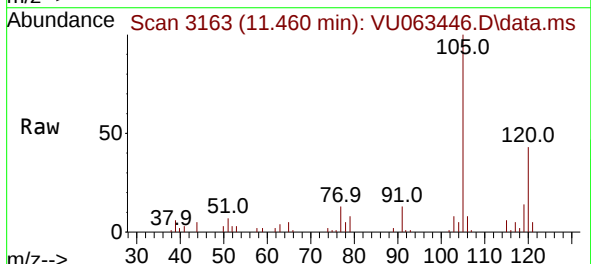
Tgt Ion:119 Resp: 29229
Ion Ratio Lower Upper
119 100
91 59.4 30.9 92.7
134 22.0 17.9 26.9

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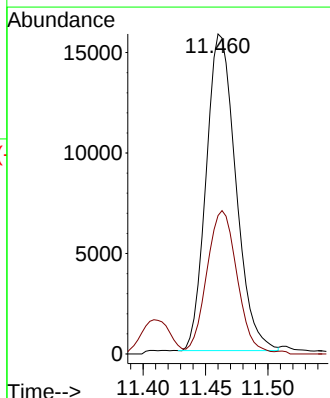
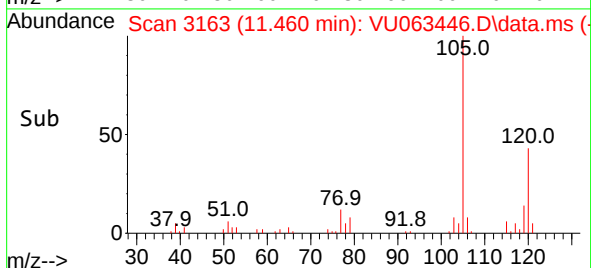
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

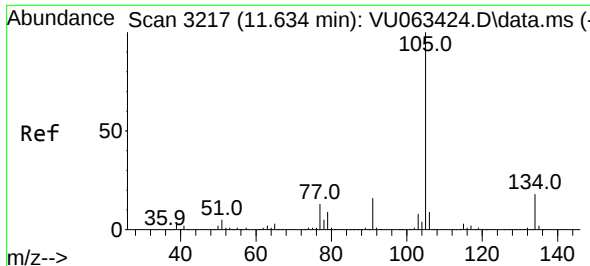


#78
1,2,4-Trimethylbenzene
Concen: 0.532 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26



Tgt Ion:105 Resp: 26136
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.5





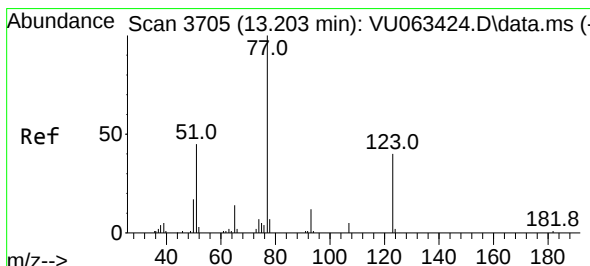
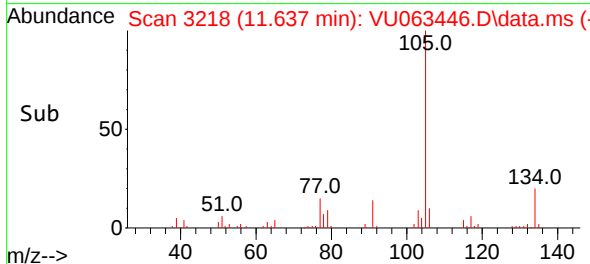
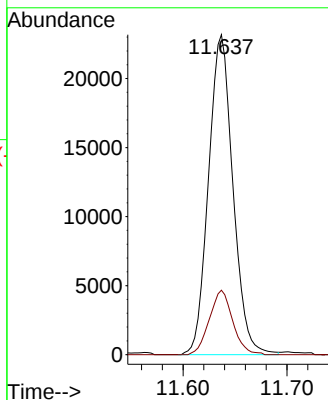
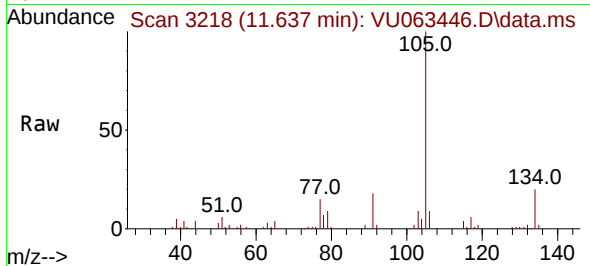
#79
 sec-Butylbenzene
 Concen: 0.580 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063446.D
 Acq: 24 Jun 2025 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 37874
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.8 22.2

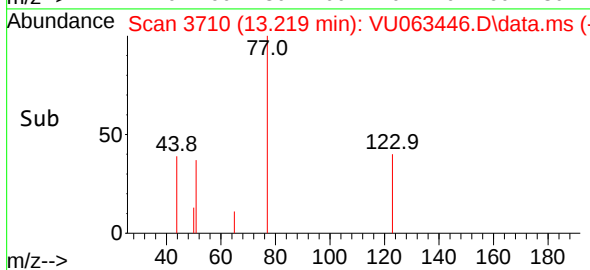
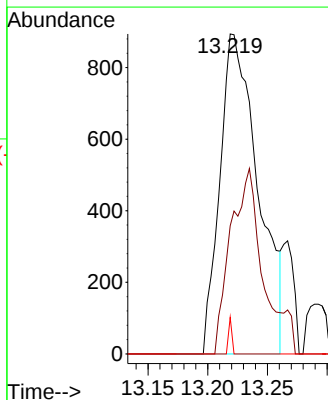
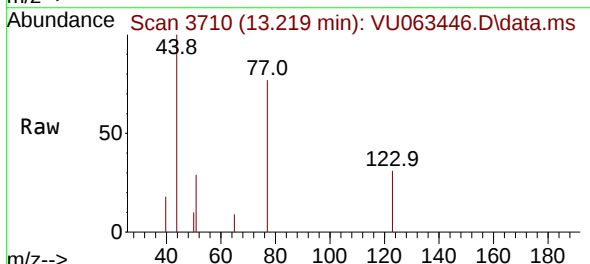
Manual Integrations
 APPROVED

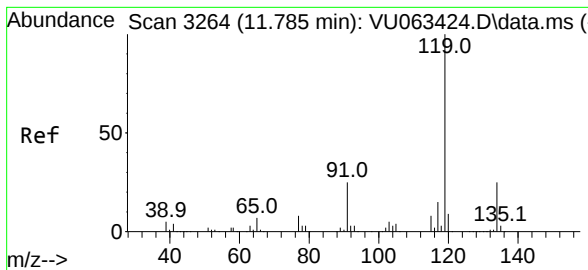
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#80
 Nitrobenzene
 Concen: 3.005 ug/l m
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.016 min
 Lab File: VU063446.D
 Acq: 24 Jun 2025 19:26

Tgt Ion: 77 Resp: 1997
 Ion Ratio Lower Upper
 77 100
 123 49.3 19.6 69.6
 65 1.0 10.6 13.4#





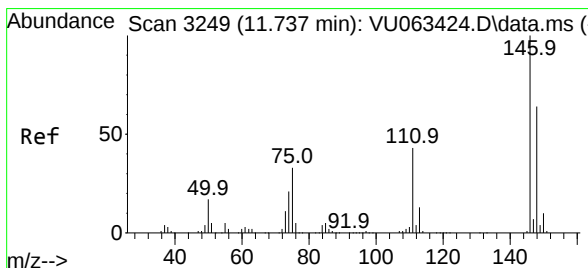
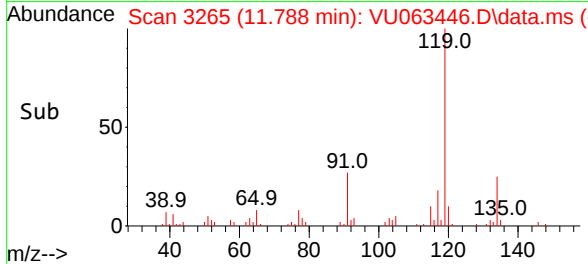
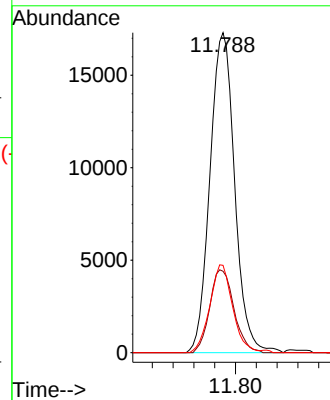
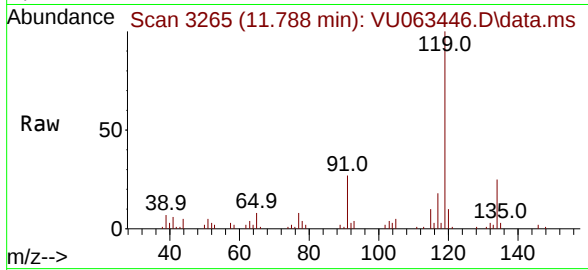
#81
p-Isopropyltoluene
Concen: 0.559 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:119 Resp: 28504
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 25.4 19.7 29.5

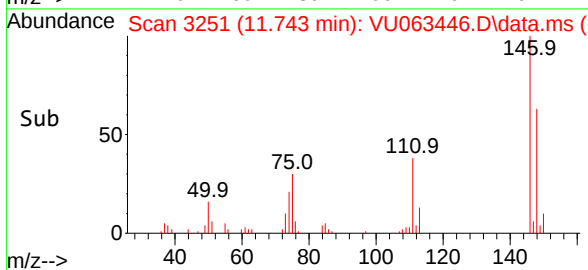
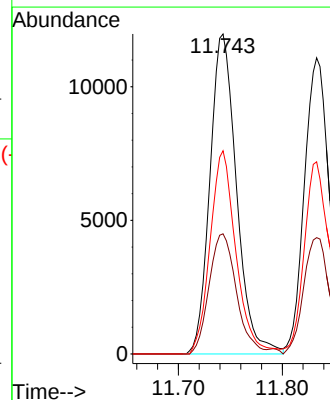
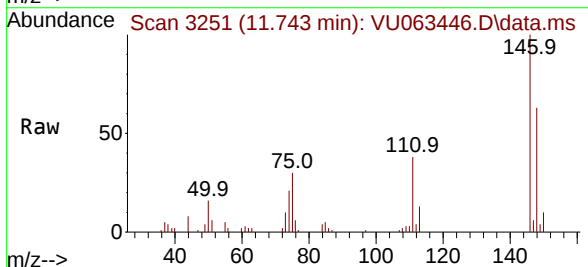
Manual Integrations
APPROVED

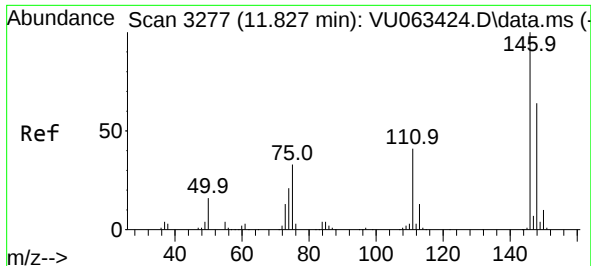
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#82
1,3-Dichlorobenzene
Concen: 0.729 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

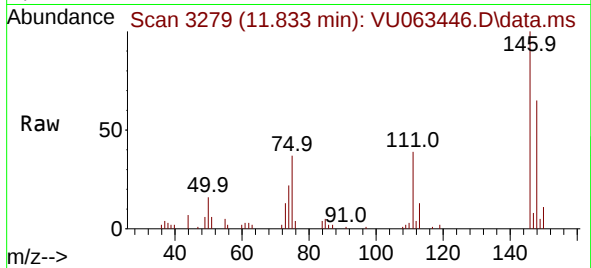
Tgt Ion:146 Resp: 21254
Ion Ratio Lower Upper
146 100
111 38.6 34.3 51.5
148 61.8 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.655 ug/l m
RT: 11.833 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

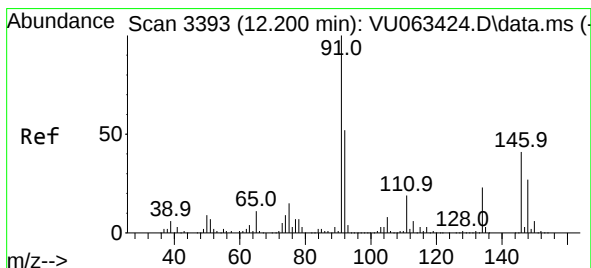
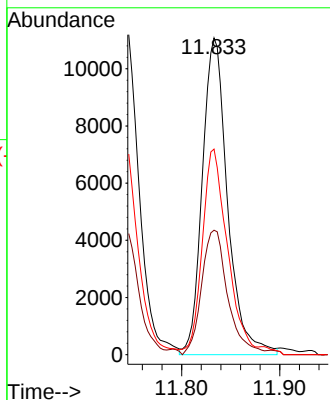
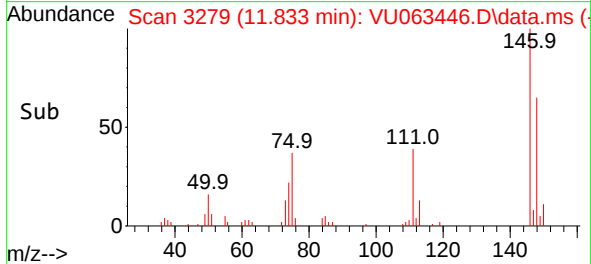
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:146 Resp: 19819
Ion Ratio Lower Upper
146 100
111 40.6 31.7 47.5
148 66.2 51.4 77.0

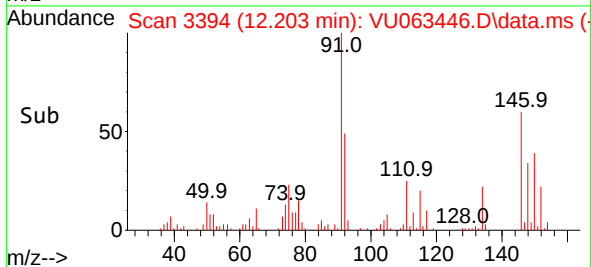
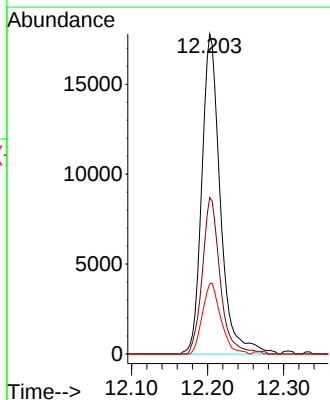
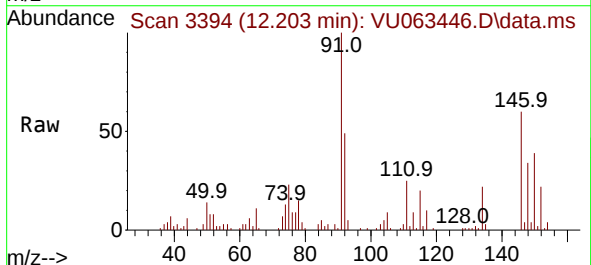
Manual Integrations
APPROVED

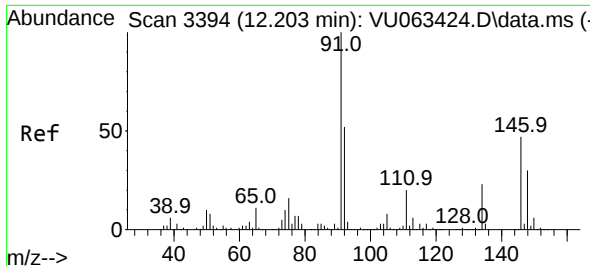
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#84
n-Butylbenzene
Concen: 0.563 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion: 91 Resp: 30093
Ion Ratio Lower Upper
91 100
92 47.2 41.0 61.6
134 21.9 18.5 27.7





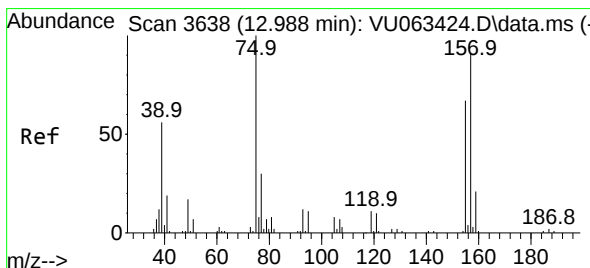
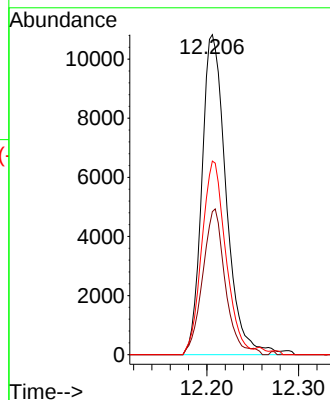
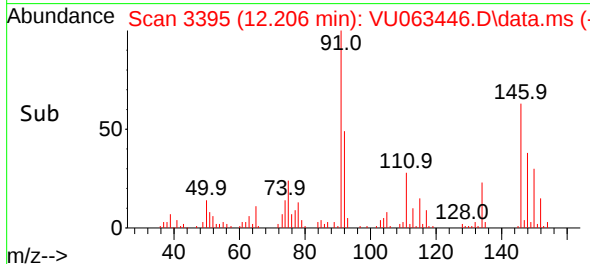
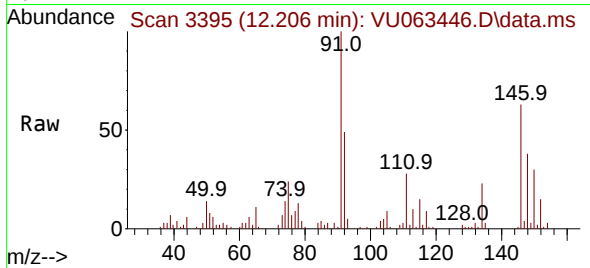
#85
1,2-Dichlorobenzene
Concen: 0.712 ug/l
RT: 12.206 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:146 Resp: 1985
Ion Ratio Lower Upper
146 100
111 42.6 21.8 65.4
148 60.1 32.3 96.9

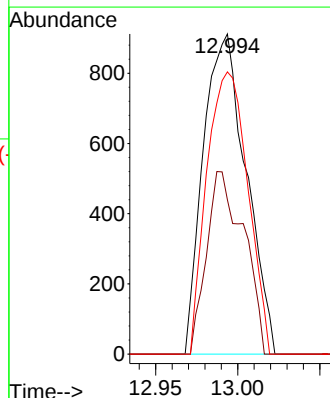
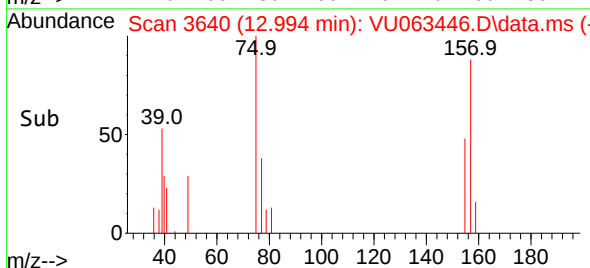
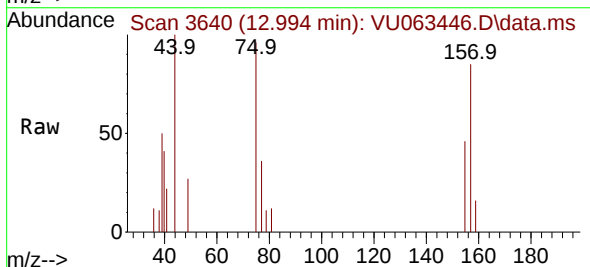
Manual Integrations
APPROVED

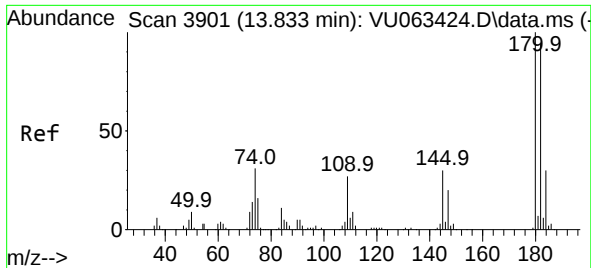
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.824 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.006 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

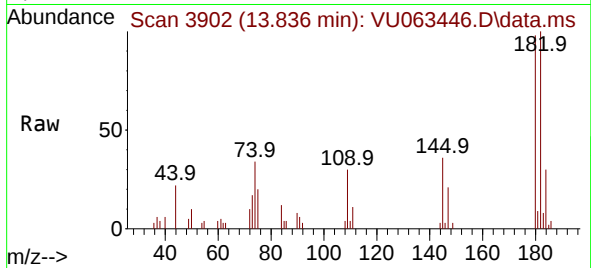
Tgt Ion: 75 Resp: 1652
Ion Ratio Lower Upper
75 100
155 49.6 59.7 89.5#
157 84.3 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 0.615 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

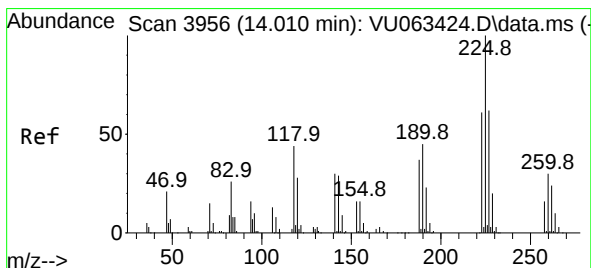
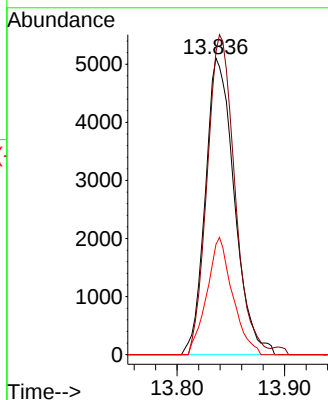
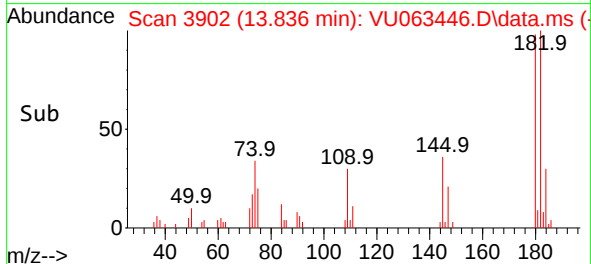
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:180 Resp: 956
Ion Ratio Lower Upper
180 100
182 102.6 75.6 113.4
145 35.0 24.6 36.8

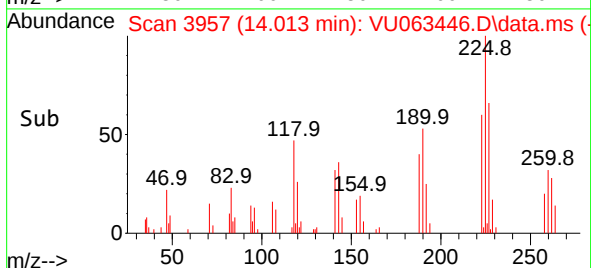
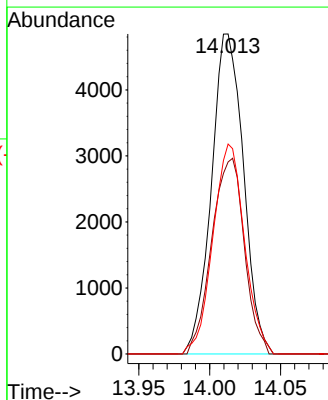
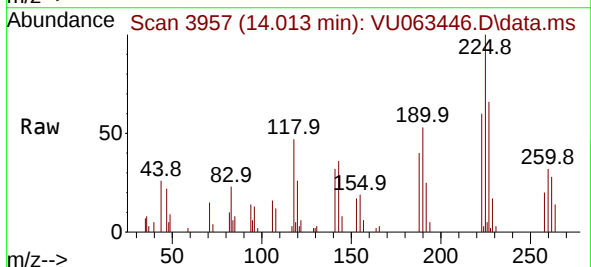
Manual Integrations
APPROVED

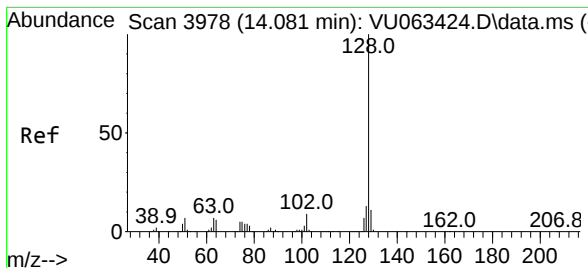
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#88
Hexachlorobutadiene
Concen: 0.691 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063446.D
Acq: 24 Jun 2025 19:26

Tgt Ion:225 Resp: 7625
Ion Ratio Lower Upper
225 100
223 62.2 50.0 75.0
227 64.6 51.5 77.3





#89

Naphthalene

Concen: 0.608 ug/l

RT: 14.087 min Scan# 3978

Delta R.T. 0.006 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Instrument :

MSVOA_U

ClientSampleId :

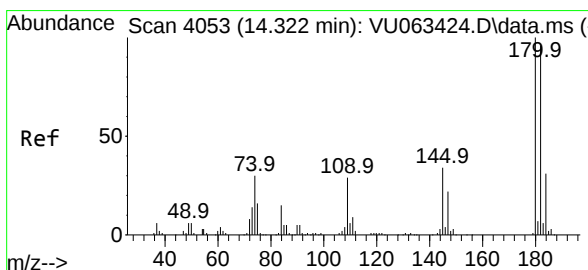
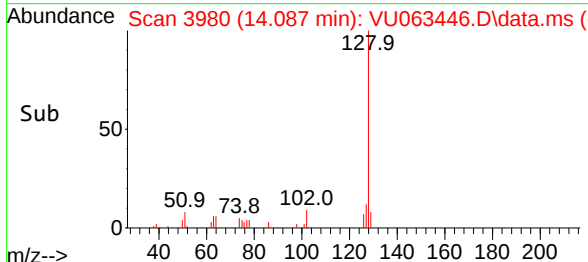
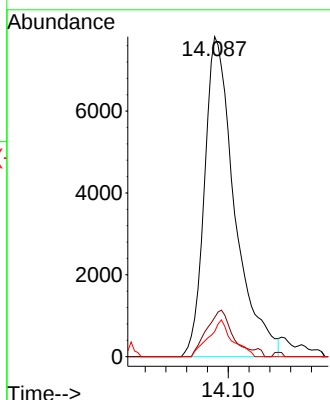
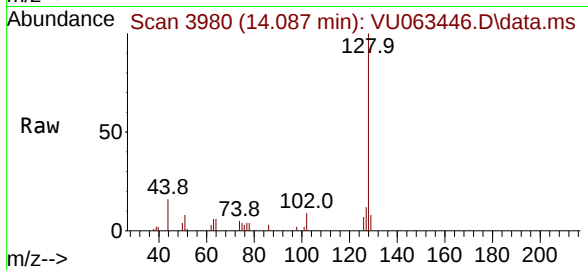
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:	128	Resp:	1575
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.4	15.6
129	9.1	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: 0.643 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063446.D

Acq: 24 Jun 2025 19:26

Tgt Ion:	180	Resp:	9941
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.7	115.1
145	33.1	27.4	41.2

