

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063257.D
 Acq On : 12 Feb 2025 16:20
 Operator : MD/SY
 Sample : Q1168-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Feb 13 03:50:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Feb 13 03:48:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.107	96	47540	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14502	0.925	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15122	0.927	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	11321	0.733	ug/l	88
3) Chloromethane	1.518	50	14311	0.805	ug/l	100
4) Vinyl Chloride	1.599	62	13713	0.779	ug/l	96
5) Bromomethane	1.846	94	7930	0.922	ug/l	95
6) Chloroethane	1.923	64	8676	0.783	ug/l	91
7) Trichlorofluoromethane	2.129	101	16258	0.780	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	9216	0.779	ug/l	96
9) 1,1-Dichloroethene	2.570	96	9191	0.762	ug/l	95
10) Iodomethane	2.711	142	14670	0.774	ug/l	99
11) Allyl Chloride	2.914	41	12821	0.740	ug/l	97
12) Acrylonitrile	3.322	53	4247m	1.527	ug/l	
13) Acetone	2.618	43	8612	4.026	ug/l	98
14) Carbon Disulfide	2.782	76	32569	0.772	ug/l	100
15) Methylene Chloride	3.033	84	12341	0.828	ug/l	98
16) trans-1,2-Dichloroethene	3.345	96	11156	0.810	ug/l	98
17) 1,1-Dichloroethane	3.856	63	20754	0.800	ug/l	96
18) 2-Butanone	4.724	43	13836m	4.064	ug/l	
19) Cyclohexane	5.373	56	13845m	0.664	ug/l	
20) Methylcyclohexane	6.753	83	13827	0.669	ug/l	95
21) 2,2-Dichloropropane	4.650	77	15896	0.785	ug/l	96
22) cis-1,2-Dichloroethene	4.656	96	11134	0.749	ug/l	99
23) Diethyl Ether	2.367	59	7836	0.757	ug/l	98
24) tert-Butyl Alcohol	3.174	59	13440	10.676	ug/l #	85
25) Methyl tert-Butyl Ether	3.351	73	21946	0.729	ug/l	95
26) Bromochloromethane	4.962	128	5197	0.799	ug/l	93
27) Chloroform	5.078	83	19986	0.763	ug/l	98
28) 1,1,1-Trichloroethane	5.303	97	16332	0.770	ug/l	99
29) 1,1-Dichloropropene	5.518	75	13477	0.709	ug/l	98
30) Carbon Tetrachloride	5.512	117	13742	0.755	ug/l	98
31) Isopropyl Ether	3.978	45	25928	0.700	ug/l	95
32) Ethyl-t-butyl ether	4.486	59	23884	0.709	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	20686	0.703	ug/l	98
34) Propionitrile	4.791	54	3218	3.134	ug/l #	92
35) Benzene	5.762	78	44222	0.757	ug/l	98
36) 1,2-Dichloroethane	5.788	62	12962	0.769	ug/l	97
37) Trichloroethene	6.534	130	10767	0.775	ug/l	97
38) 1,2-Dichloropropane	6.782	63	11842	0.775	ug/l	94
39) Methacrylonitrile	4.988	41	2529m	0.661	ug/l	
40) Methyl acrylate	4.878	55	4984m	0.707	ug/l	
41) Tetrahydrofuran	5.062	42	3431	1.542	ug/l #	61
42) 1-Chlorobutane	5.451	56	19187	0.738	ug/l	95
43) Dibromomethane	6.914	93	5766	0.745	ug/l	97
44) Bromodichloromethane	7.097	83	14341	0.796	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063257.D
 Acq On : 12 Feb 2025 16:20
 Operator : MD/SY
 Sample : Q1168-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2025

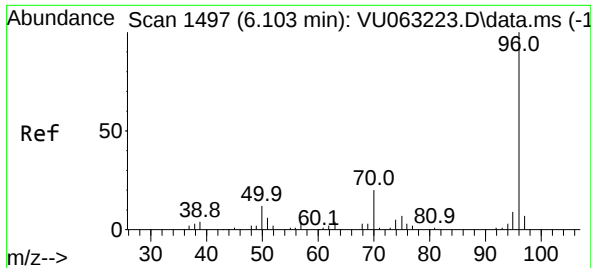
Quant Time: Feb 13 03:50:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Feb 13 03:48:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

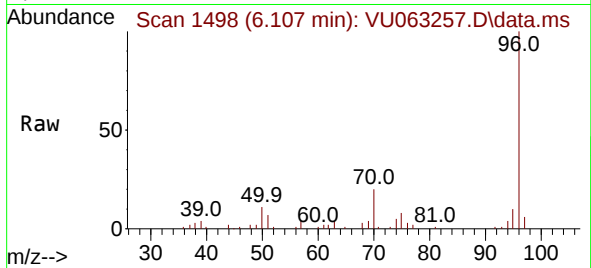
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	27474	3.385	ug/l	97
46) t-1,4-Dichloro-2-butene	10.820	75	5886m	1.543	ug/l	
47) Methyl methacrylate	6.959	69	8507m	1.305	ug/l	
48) Ethyl methacrylate	8.328	69	8373	0.684	ug/l	96
49) Toluene	7.962	92	23665	0.704	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	11681	0.708	ug/l	90
51) cis-1,3-Dichloropropene	7.598	75	14643	0.719	ug/l	94
52) 1,1,2-Trichloroethane	8.393	97	8101	0.776	ug/l	95
53) 1,3-Dichloropropane	8.566	76	13728	0.741	ug/l	97
54) 2-Hexanone	8.682	43	18298m	3.304	ug/l	
55) Dibromochloromethane	8.801	129	8769	0.730	ug/l	97
56) 1,2-Dibromoethane	8.917	107	7011	0.716	ug/l	95
58) Tetrachloroethene	8.544	164	9267	0.809	ug/l	96
59) Chlorobenzene	9.441	112	26753	0.755	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.521	131	9795	0.769	ug/l	99
61) Pentachloroethane	11.415	117	8890	0.781	ug/l	92
62) Hexachloroethane	12.466	117	7275	0.722	ug/l	96
63) Ethyl Benzene	9.563	91	39058	0.639	ug/l	96
64) m/p-Xylenes	9.685	106	28951	1.268	ug/l	99
65) o-Xylene	10.093	106	14802	0.662	ug/l	97
66) Styrene	10.110	104	22217	0.624	ug/l	98
67) Bromoform	10.280	173	5118	0.751	ug/l	99
69) Isopropylbenzene	10.476	105	34206	0.651	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.772	83	10757	0.765	ug/l	97
71) 1,2,3-Trichloropropane	10.814	75	8454m	0.800	ug/l	
72) Bromobenzene	10.775	156	10174	0.718	ug/l	83
73) n-propylbenzene	10.897	120	9937	0.660	ug/l	95
74) 2-Chlorotoluene	10.978	126	9418	0.679	ug/l	99
75) 1,3,5-Trimethylbenzene	11.077	105	29332	0.602	ug/l	100
76) 4-Chlorotoluene	11.090	126	9145	0.643	ug/l	87
77) tert-Butylbenzene	11.409	119	32417	0.658	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	28546	0.591	ug/l	100
79) sec-Butylbenzene	11.634	105	39461	0.629	ug/l	99
80) Nitrobenzene	13.251	77	887m	2.651	ug/l	
81) p-Isopropyltoluene	11.785	119	29502	0.596	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	18973	0.691	ug/l	96
83) 1,4-Dichlorobenzene	11.830	146	18211	0.678	ug/l	99
84) n-Butylbenzene	12.203	91	26243	0.591	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	18429	0.698	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1204	0.610	ug/l	91
87) 1,2,4-Trichlorobenzene	13.839	180	7837	0.609	ug/l	96
88) Hexachlorobutadiene	14.010	225	6982	0.759	ug/l	96
89) Naphthalene	14.093	128	10651m	0.514	ug/l	
90) 1,2,3-Trichlorobenzene	14.325	180	7491	0.595	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

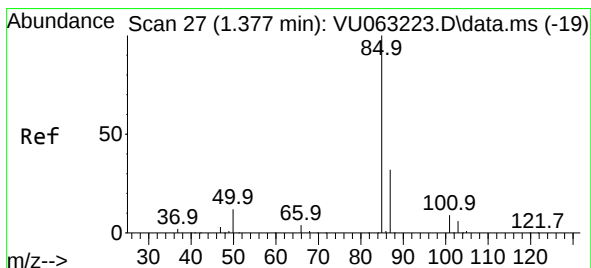
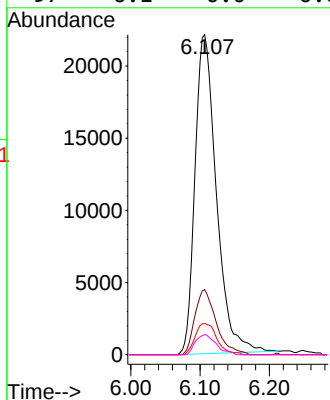
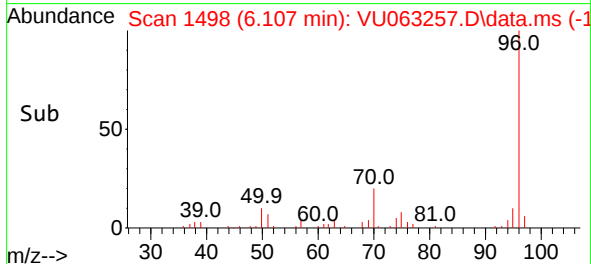
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 96 Resp: 47540
Ion Ratio Lower Upper
96 100
70 20.3 15.6 23.4
95 9.9 7.3 10.9
97 6.1 0.0 0.0#

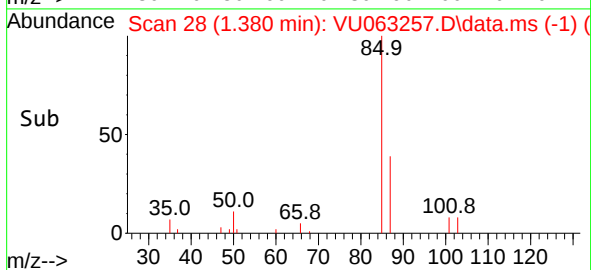
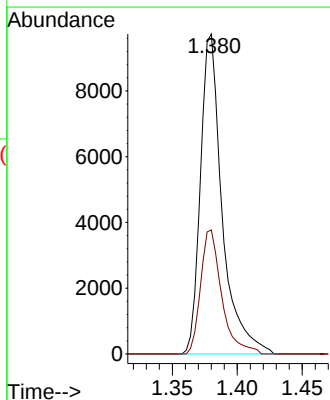
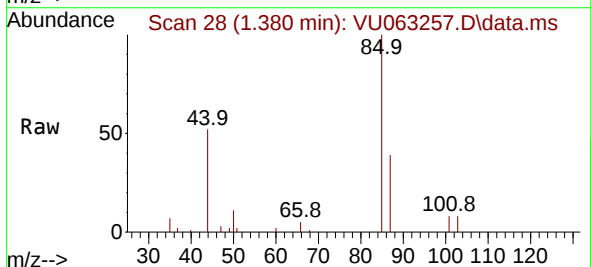
Manual Integrations
APPROVED

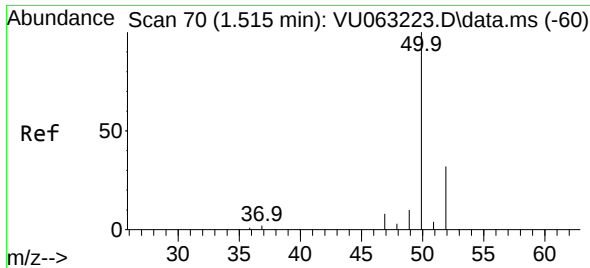
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#2
Dichlorodifluoromethane
Concen: 0.733 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Tgt Ion: 85 Resp: 11321
Ion Ratio Lower Upper
85 100
87 38.8 16.0 48.0





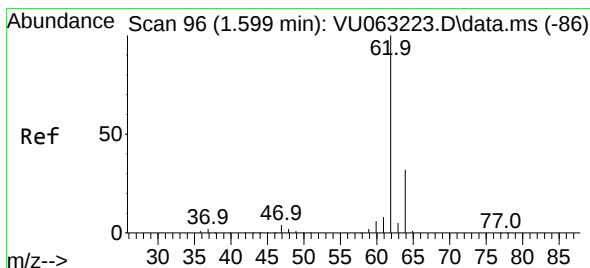
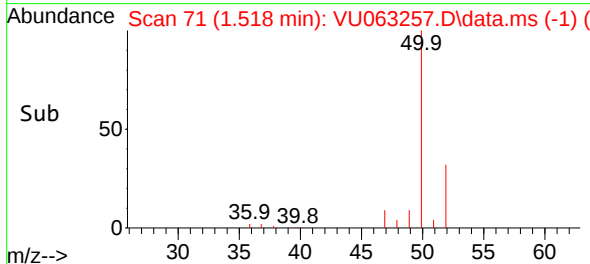
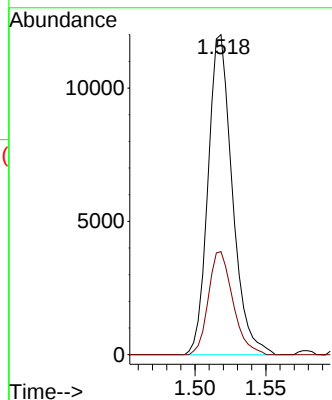
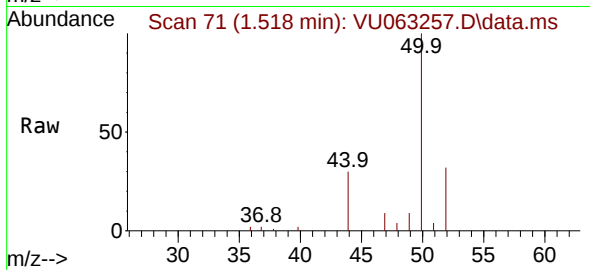
#3
Chloromethane
Concen: 0.805 ug/l
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 50 Resp: 1431
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.8

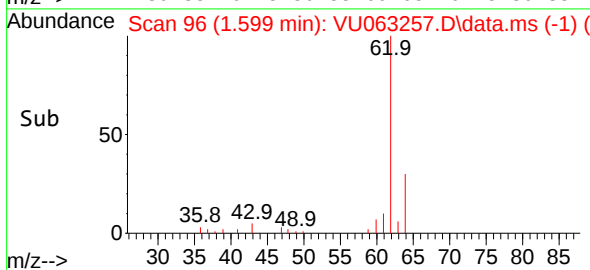
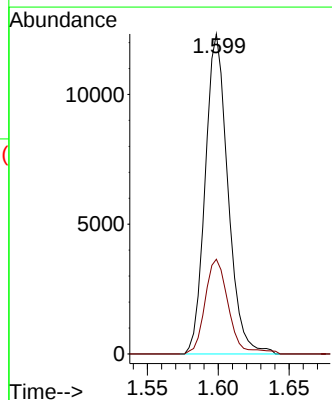
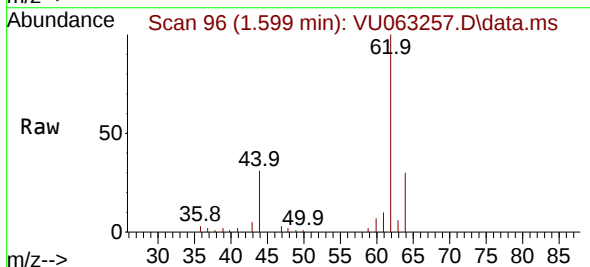
Manual Integrations
APPROVED

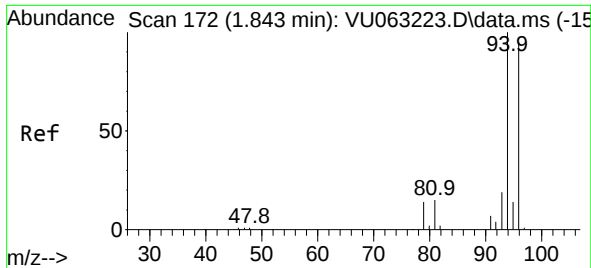
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#4
Vinyl Chloride
Concen: 0.779 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Tgt Ion: 62 Resp: 13713
Ion Ratio Lower Upper
62 100
64 29.6 25.4 38.0





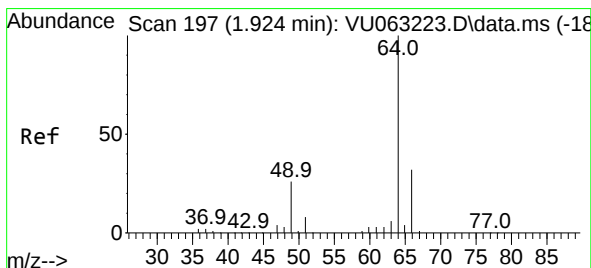
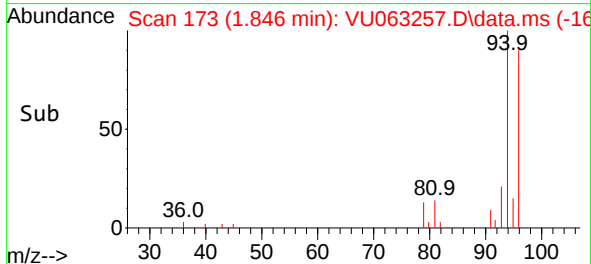
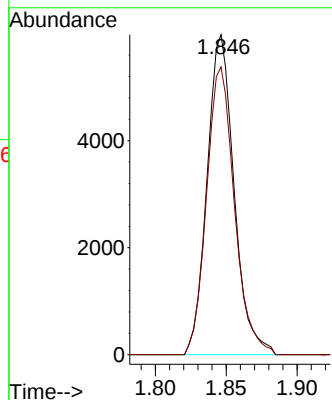
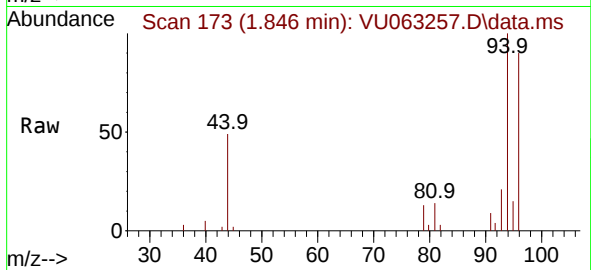
#5
Bromomethane
Concen: 0.922 ug/l
RT: 1.846 min Scan# 172
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 94 Resp: 7930
Ion Ratio Lower Upper
94 100
96 89.9 75.7 113.5

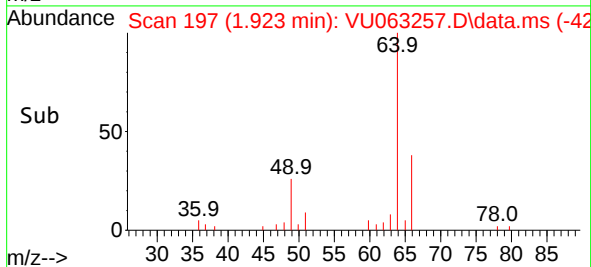
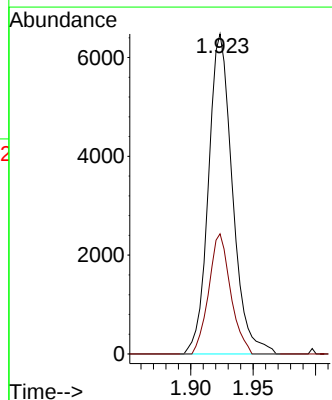
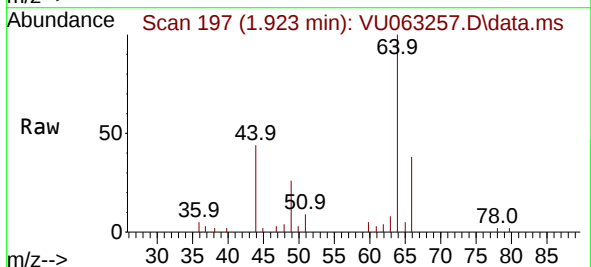
Manual Integrations
APPROVED

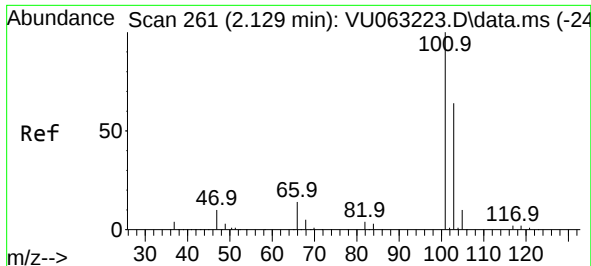
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#6
Chloroethane
Concen: 0.783 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

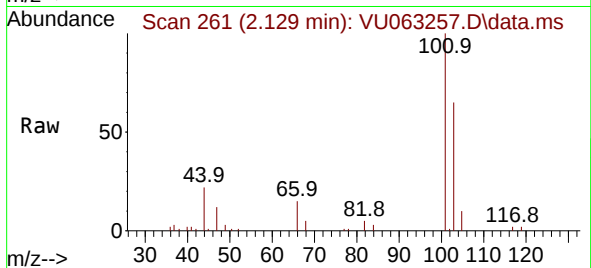
Tgt Ion: 64 Resp: 8676
Ion Ratio Lower Upper
64 100
66 37.6 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.780 ug/l
RT: 2.129 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

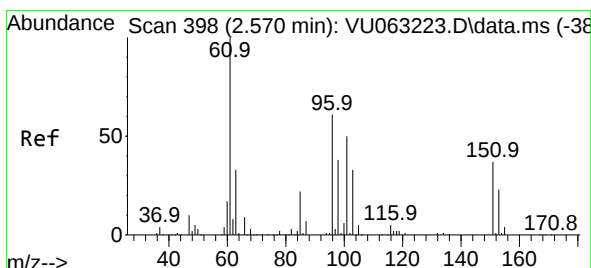
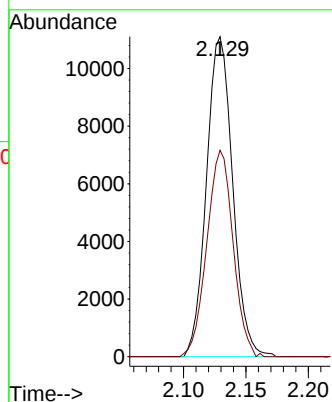
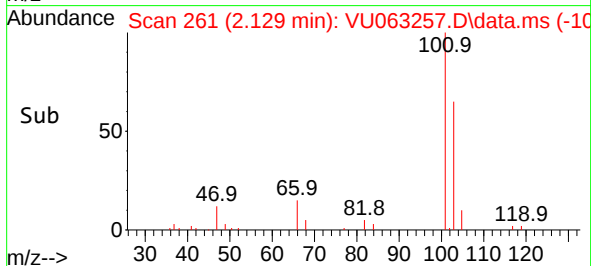
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



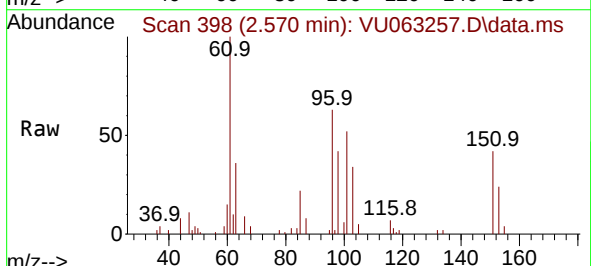
Tgt Ion:101 Resp: 16258
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

Manual Integrations
APPROVED

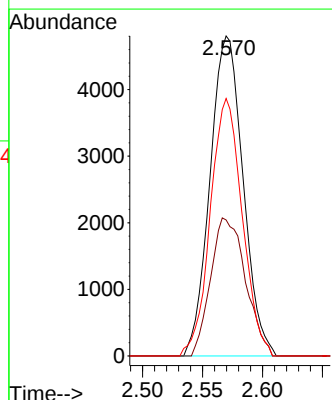
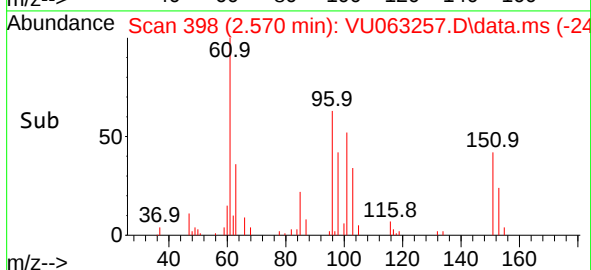
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

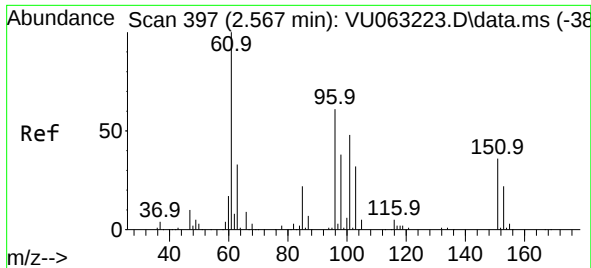


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.779 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20



Tgt Ion:101 Resp: 9216
Ion Ratio Lower Upper
101 100
85 45.4 35.4 53.0
151 77.7 58.5 87.7





#9

1,1-Dichloroethene

Concen: 0.762 ug/l

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

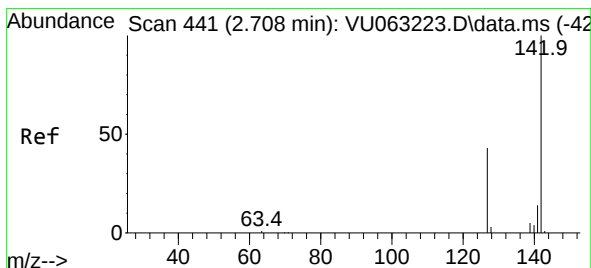
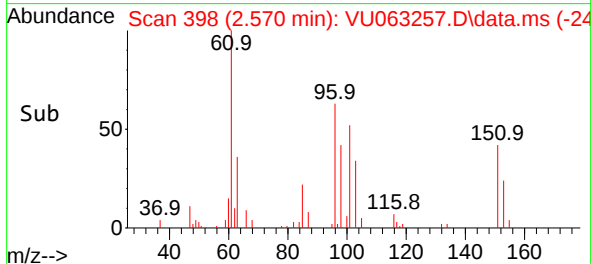
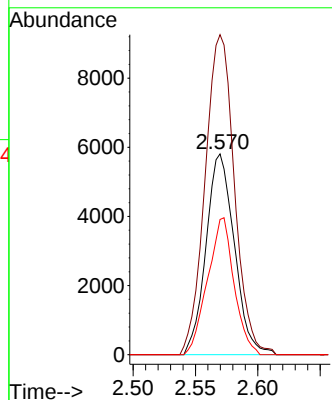
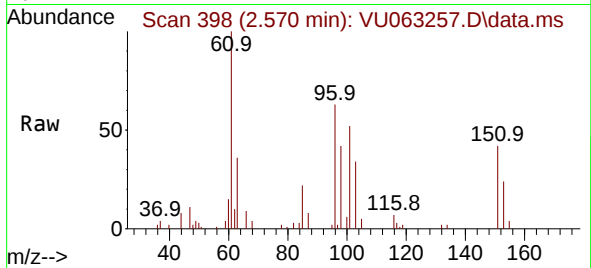
MDL-WATER-03-QT1-2025

Tgt Ion:	96	Resp:	919
Ion Ratio	Lower	Upper	
96	100		
61	159.4	0.0	492.9
98	67.3	0.0	124.0

Manual Integrations

APPROVED

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



#10

Iodomethane

Concen: 0.774 ug/l

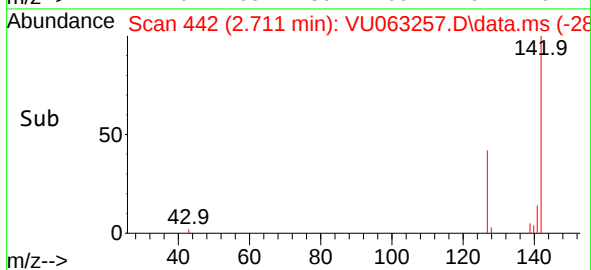
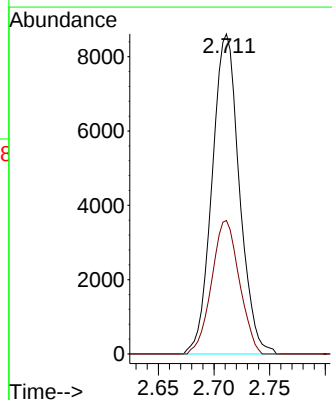
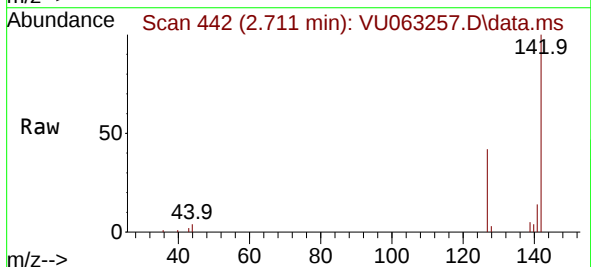
RT: 2.711 min Scan# 442

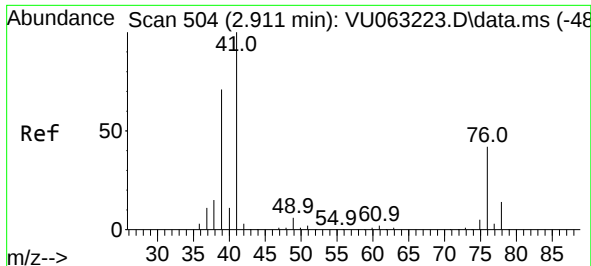
Delta R.T. 0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion:	142	Resp:	14670
Ion Ratio	Lower	Upper	
142	100		
127	42.3	34.5	51.7





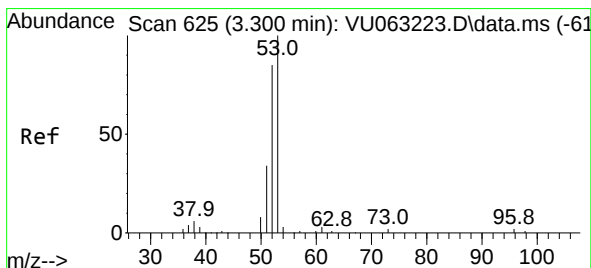
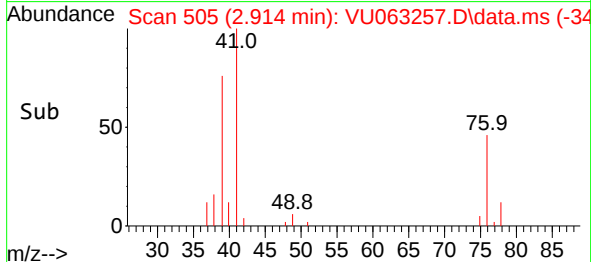
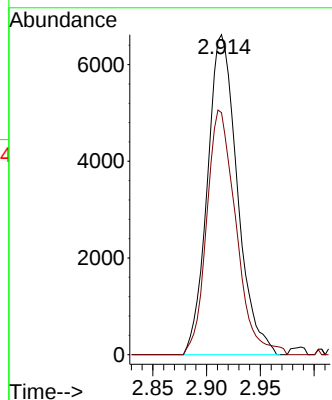
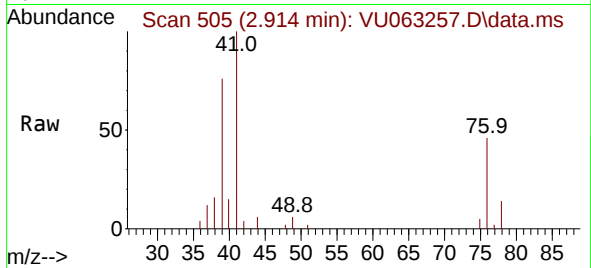
#11
 Allyl Chloride
 Concen: 0.740 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063257.D
 Acq: 12 Feb 2025 16:20

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Tgt Ion: 41 Resp: 1282
 Ion Ratio Lower Upper
 41 100
 39 74.7 57.9 86.9

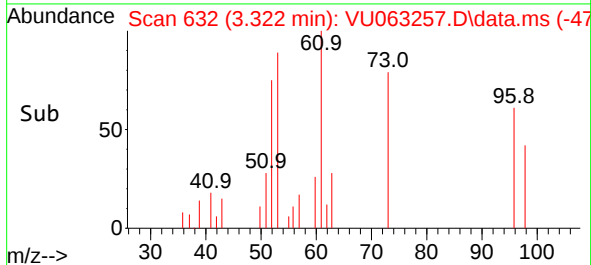
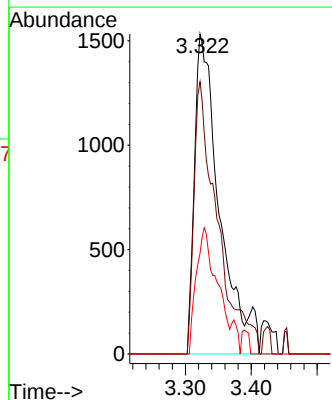
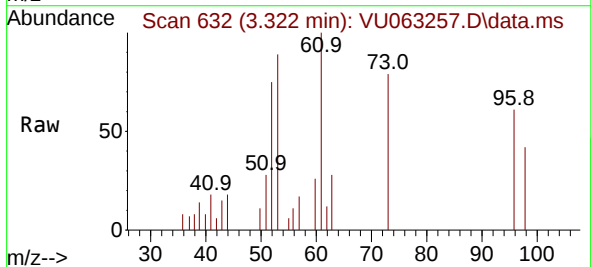
Manual Integrations
 APPROVED

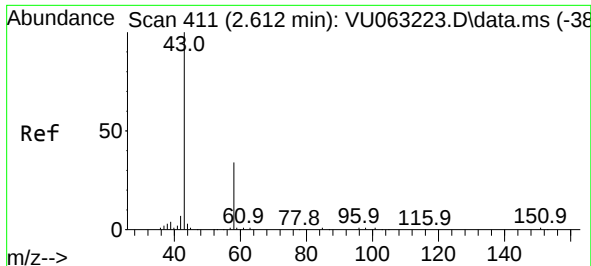
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#12
 Acrylonitrile
 Concen: 1.527 ug/l m
 RT: 3.322 min Scan# 632
 Delta R.T. 0.022 min
 Lab File: VU063257.D
 Acq: 12 Feb 2025 16:20

Tgt Ion: 53 Resp: 4247
 Ion Ratio Lower Upper
 53 100
 52 75.8 64.2 96.2
 51 31.0 30.8 46.2





#13

Acetone

Concen: 4.026 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 43 Resp: 861

Ion Ratio Lower Upper

43 100

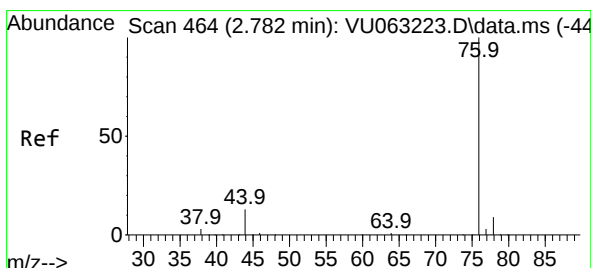
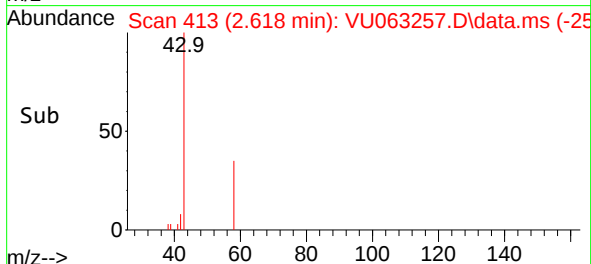
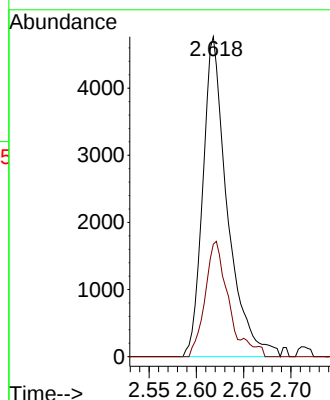
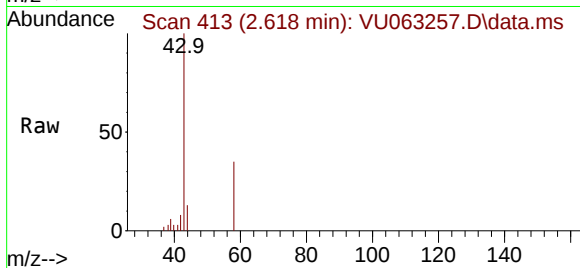
58 35.2 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#14

Carbon Disulfide

Concen: 0.772 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063257.D

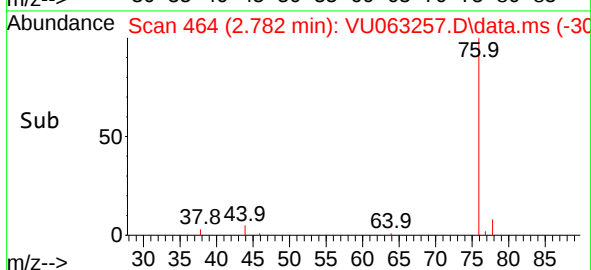
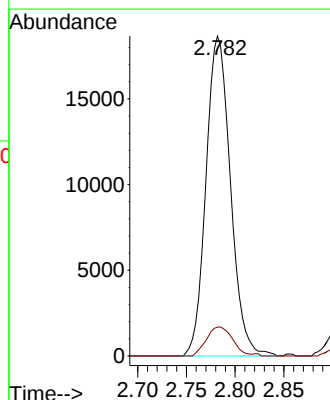
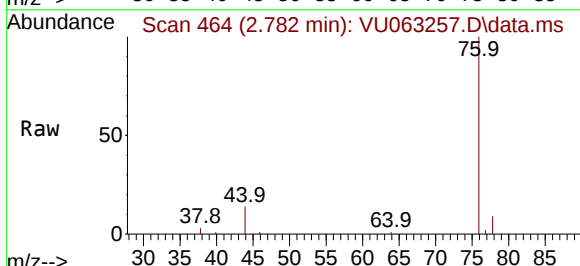
Acq: 12 Feb 2025 16:20

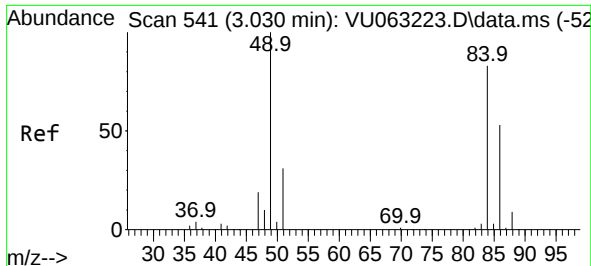
Tgt Ion: 76 Resp: 32569

Ion Ratio Lower Upper

76 100

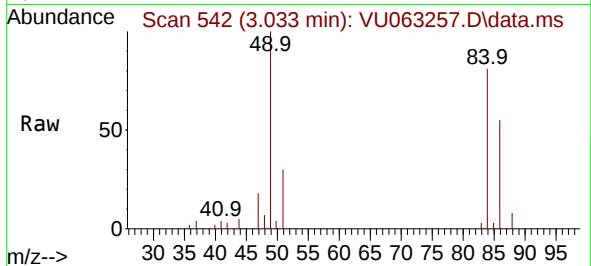
78 9.0 7.2 10.8





#15
Methylene Chloride
Concen: 0.828 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

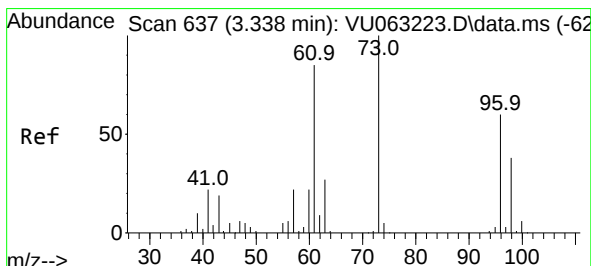
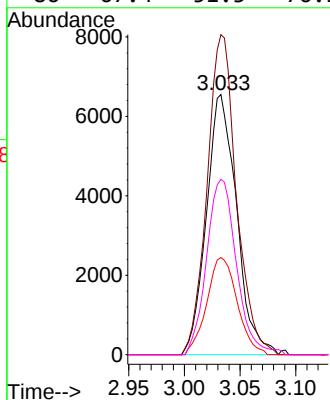
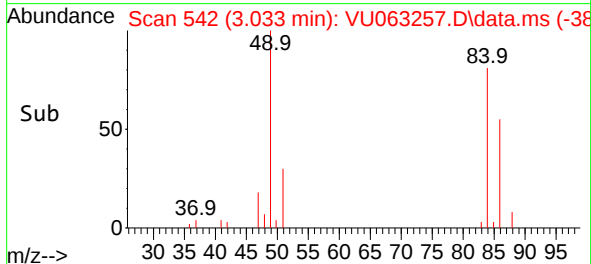
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



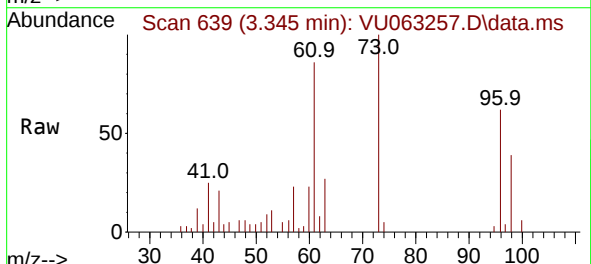
Tgt Ion: 84 Resp: 1234
Ion Ratio Lower Upper
84 100
49 123.0 96.4 144.6
51 37.3 0.0 74.8
86 67.4 51.3 76.9

Manual Integrations
APPROVED

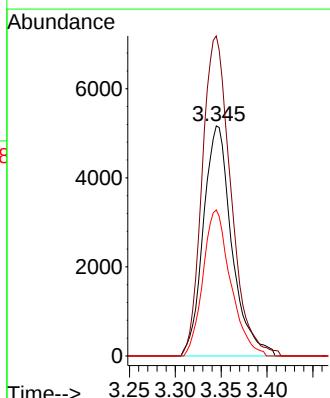
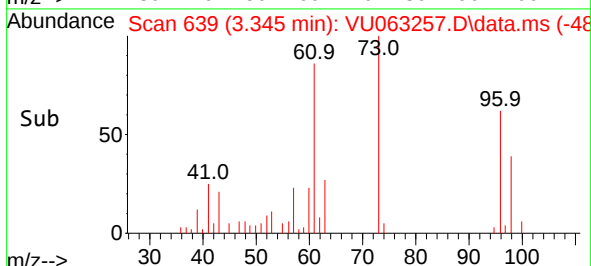
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

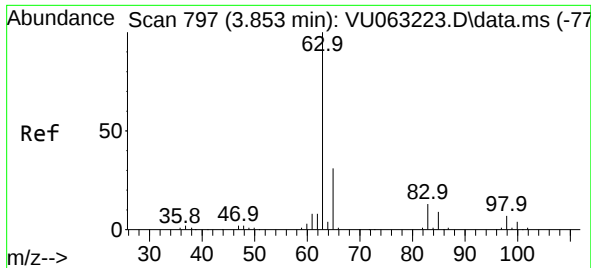


#16
trans-1,2-Dichloroethene
Concen: 0.810 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.006 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20



Tgt Ion: 96 Resp: 11156
Ion Ratio Lower Upper
96 100
61 139.1 113.4 170.2
98 63.5 51.2 76.8





#17

1,1-Dichloroethane

Concen: 0.800 ug/l

RT: 3.856 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

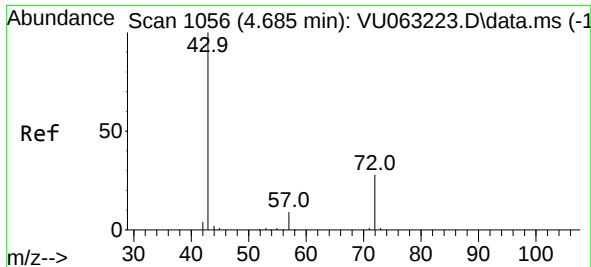
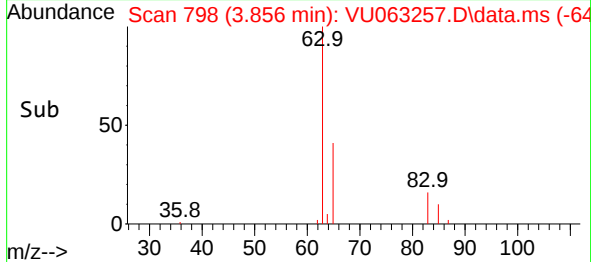
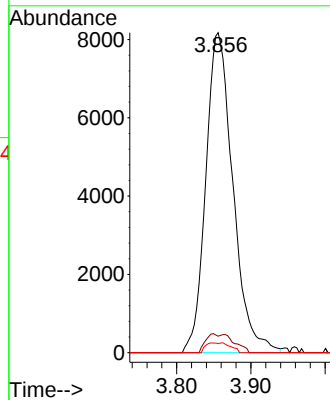
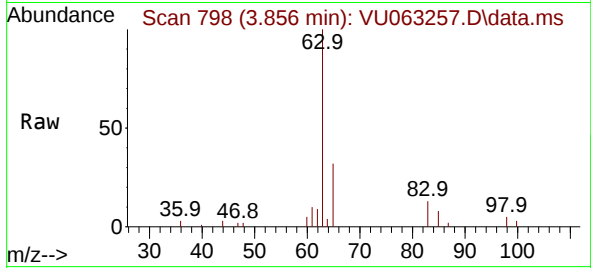
MDL-WATER-03-QT1-2025

Tgt Ion:	63	Resp:	20754
Ion Ratio	Lower	Upper	
63	100		
98	5.1	3.3	9.9
100	2.9	2.1	6.2

Manual Integrations

APPROVED

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



#18

2-Butanone

Concen: 4.064 ug/l m

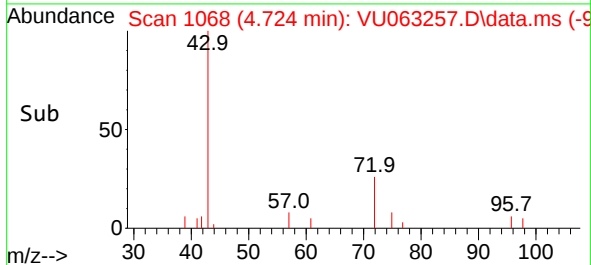
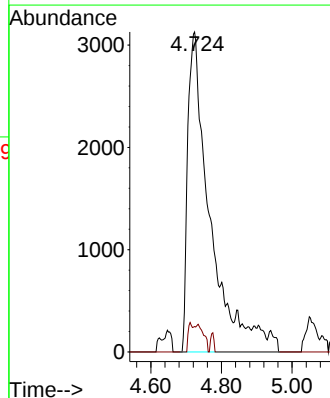
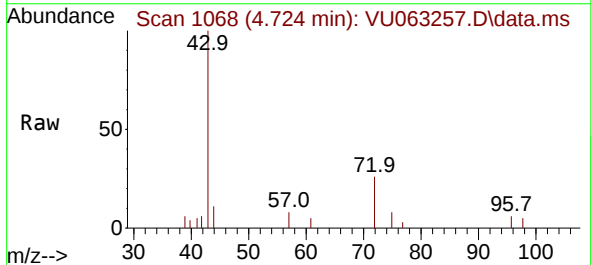
RT: 4.724 min Scan# 1068

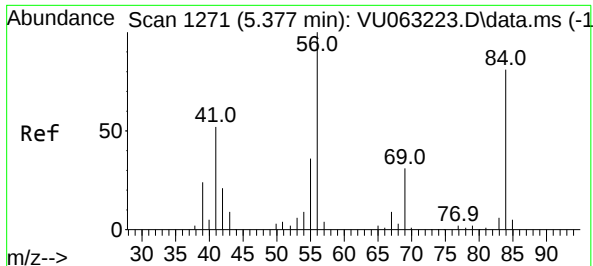
Delta R.T. 0.038 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion:	43	Resp:	13836
Ion Ratio	Lower	Upper	
43	100		
57	8.0	0.0	17.0





#19

Cyclohexane

Concen: 0.664 ug/l m

RT: 5.373 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

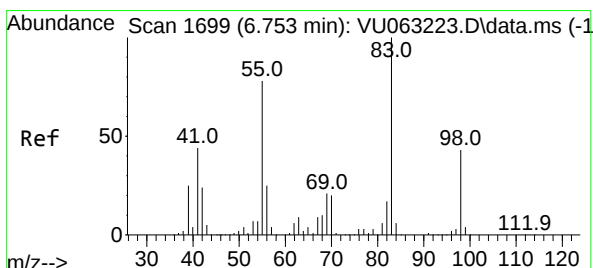
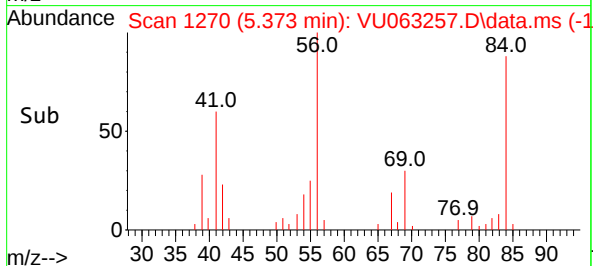
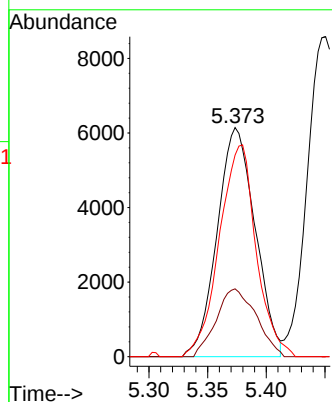
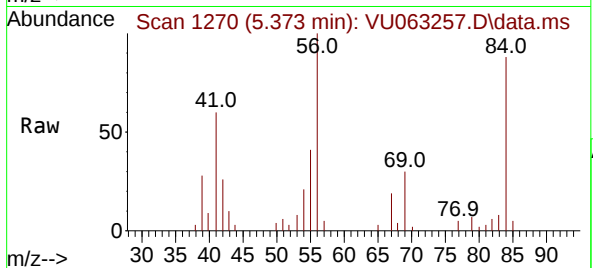
MDL-WATER-03-QT1-2025

Tgt Ion:	56	Resp:	1384
Ion Ratio	Lower	Upper	
56	100		
69	31.1	24.5	36.7
84	89.6	65.2	97.8

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.669 ug/l

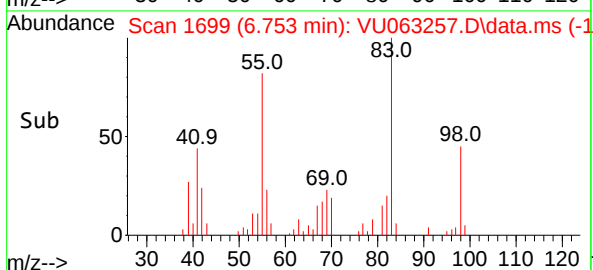
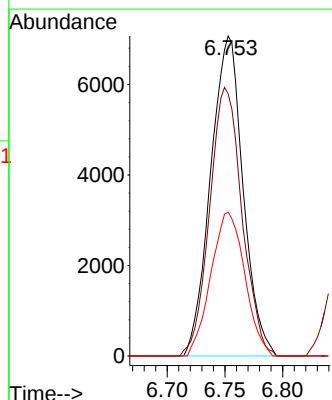
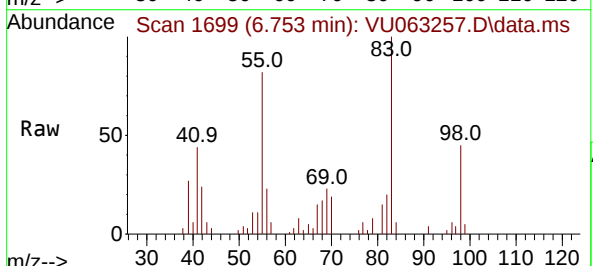
RT: 6.753 min Scan# 1699

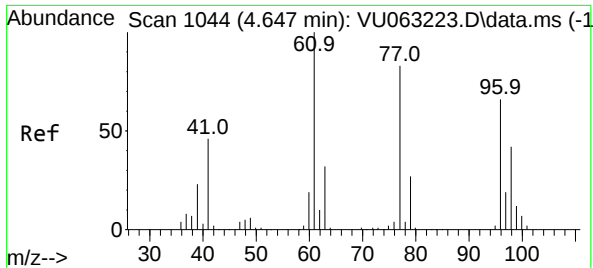
Delta R.T. -0.000 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion:	83	Resp:	13827
Ion Ratio	Lower	Upper	
83	100		
55	83.7	63.1	94.7
98	46.9	35.2	52.8





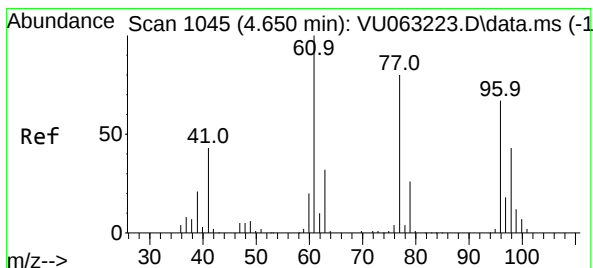
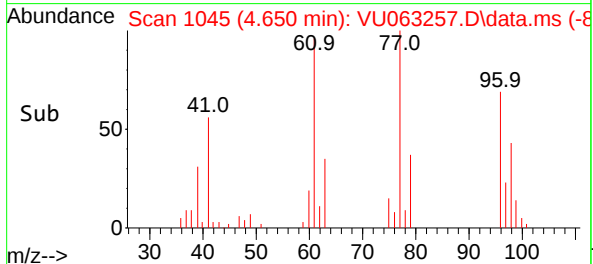
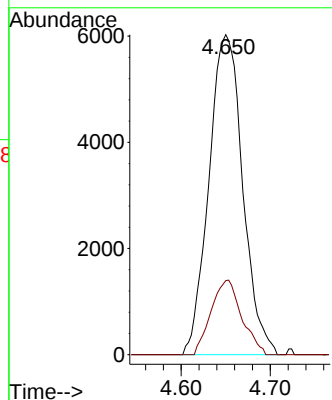
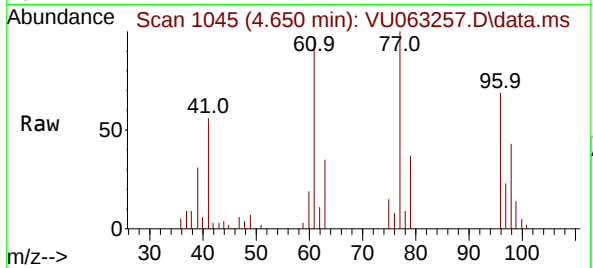
#21
2,2-Dichloropropane
Concen: 0.785 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 77 Resp: 15890
Ion Ratio Lower Upper
77 100
97 21.0 18.5 27.7

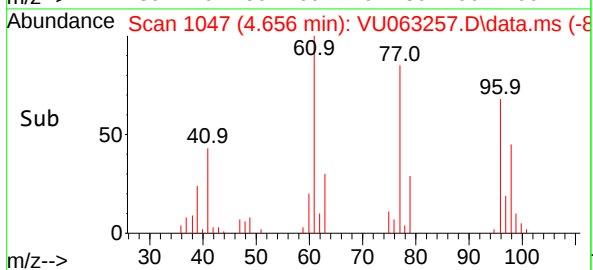
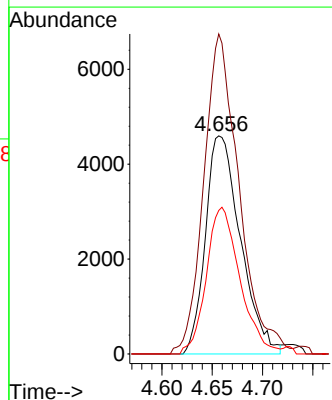
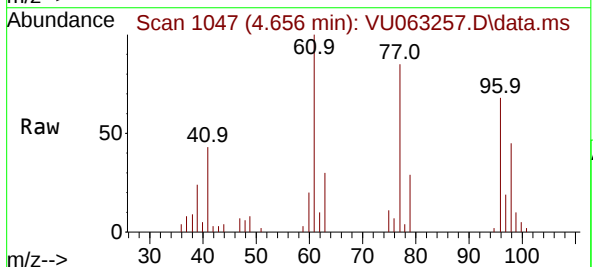
Manual Integrations
APPROVED

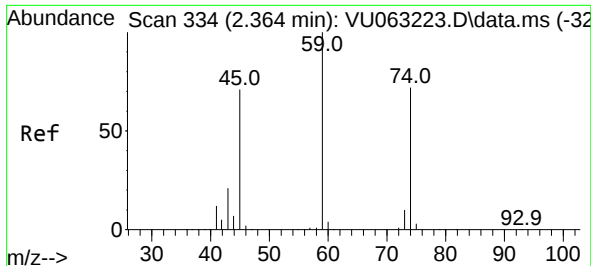
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#22
cis-1,2-Dichloroethene
Concen: 0.749 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Tgt Ion: 96 Resp: 11134
Ion Ratio Lower Upper
96 100
61 147.8 0.0 373.3
98 64.5 31.9 95.9





#23

Diethyl Ether

Concen: 0.757 ug/l

RT: 2.367 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

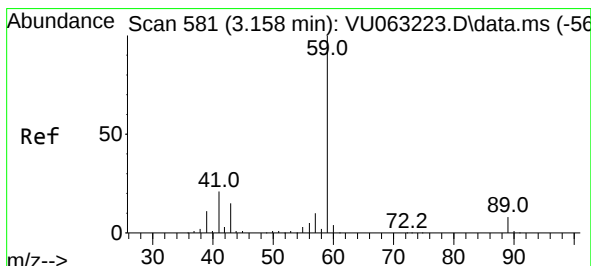
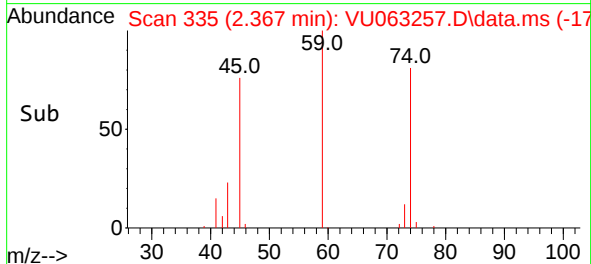
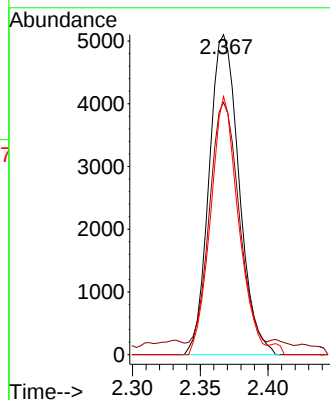
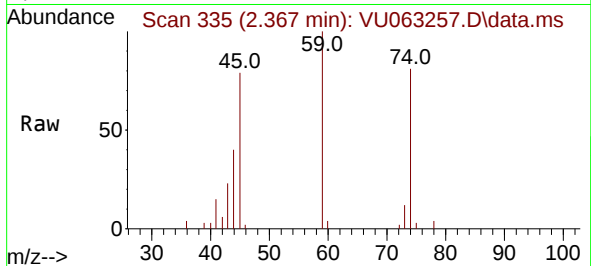
Tgt Ion: 59 Resp: 7830

Ion	Ratio	Lower	Upper
59	100		
45	72.4	57.8	86.6
74	75.4	57.7	86.5

Manual Integrations

APPROVED

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



#24

tert-Butyl Alcohol

Concen: 10.676 ug/l

RT: 3.174 min Scan# 586

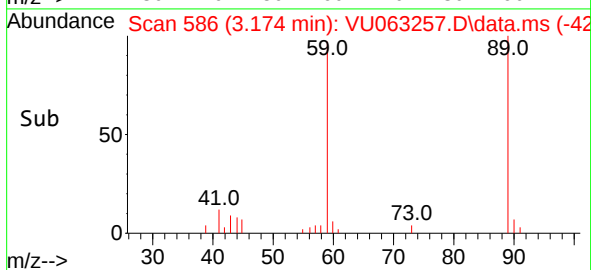
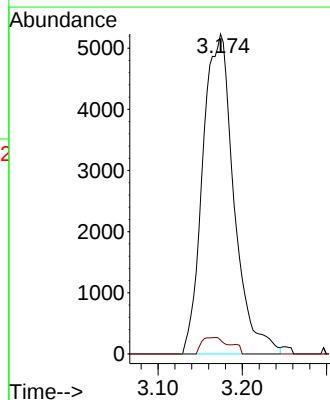
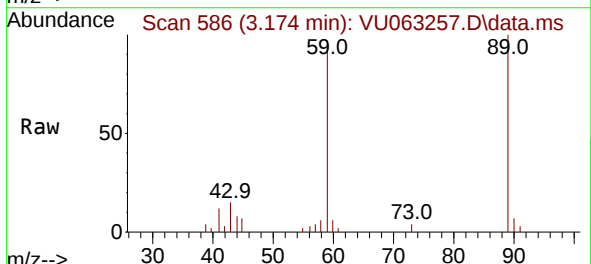
Delta R.T. 0.016 min

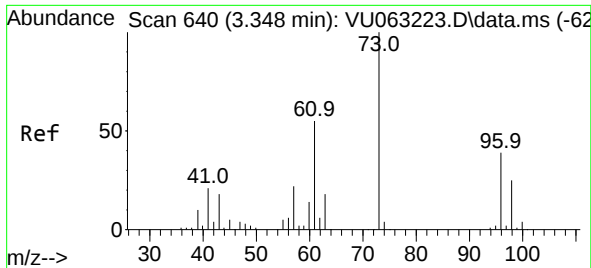
Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion: 59 Resp: 13440

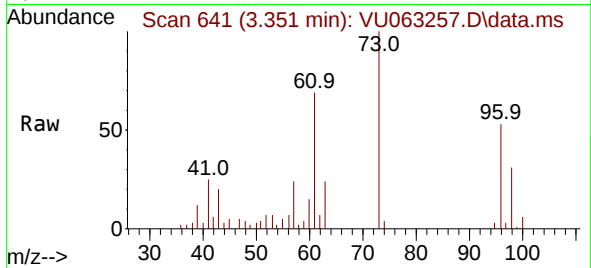
Ion	Ratio	Lower	Upper
59	100		
57	4.0	7.5	11.3#





#25
Methyl tert-Butyl Ether
Concen: 0.729 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

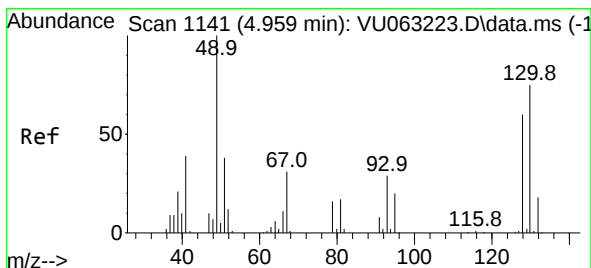
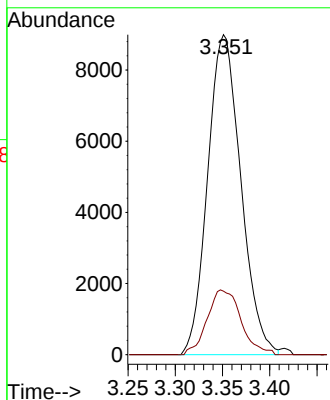
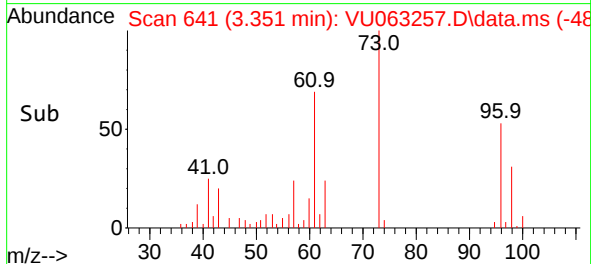
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 73 Resp: 2194
Ion Ratio Lower Upper
73 100
43 20.6 14.9 22.3

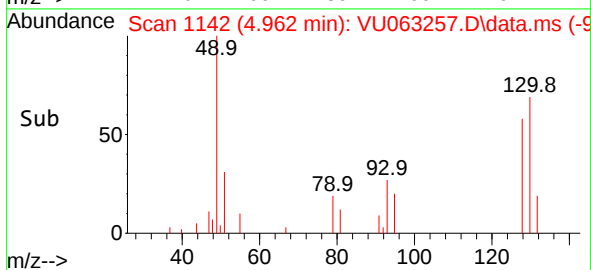
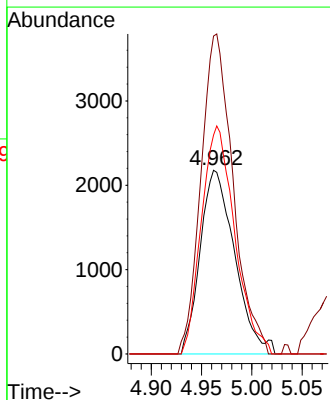
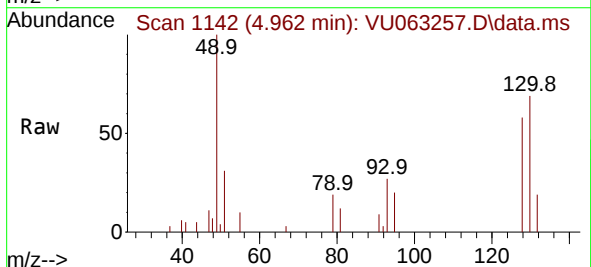
Manual Integrations
APPROVED

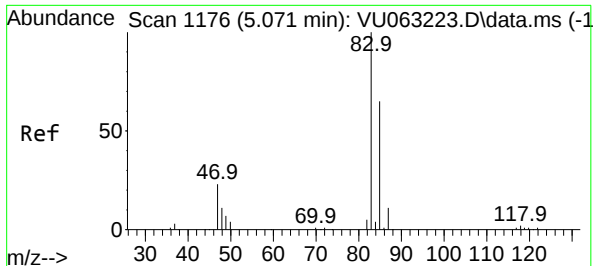
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#26
Bromochloromethane
Concen: 0.799 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Tgt Ion:128 Resp: 5197
Ion Ratio Lower Upper
128 100
49 162.0 0.0 343.4
130 120.0 102.9 154.3





#27

Chloroform

Concen: 0.763 ug/l

RT: 5.078 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

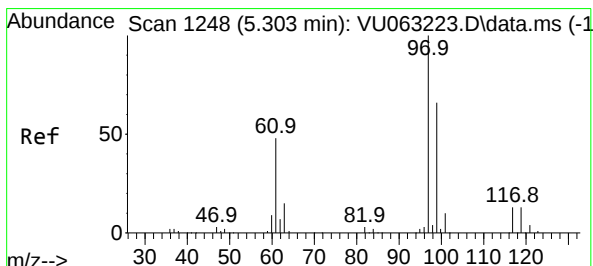
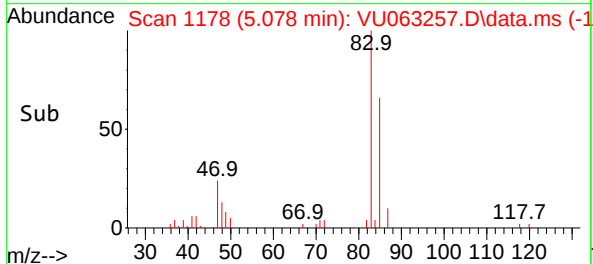
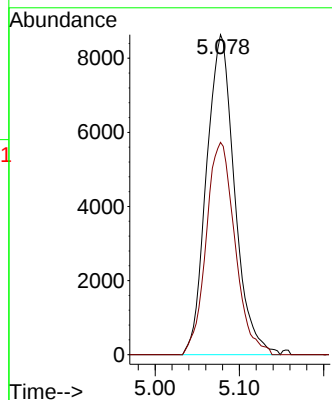
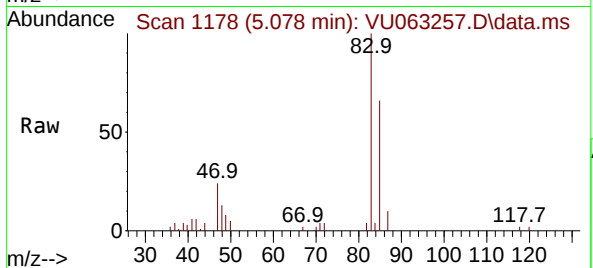
MDL-WATER-03-QT1-2025

Tgt Ion: 83 Resp: 1998
 Ion Ratio Lower Upper
 83 100
 85 66.4 0.0 129.8

Manual Integrations

APPROVED

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



#28

1,1,1-Trichloroethane

Concen: 0.770 ug/l

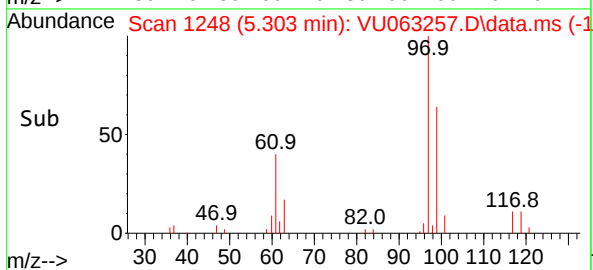
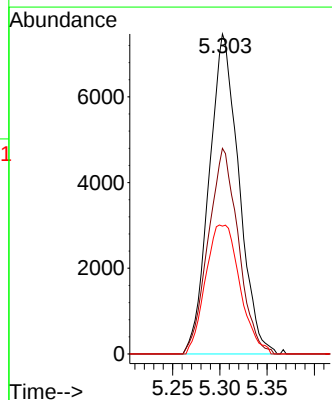
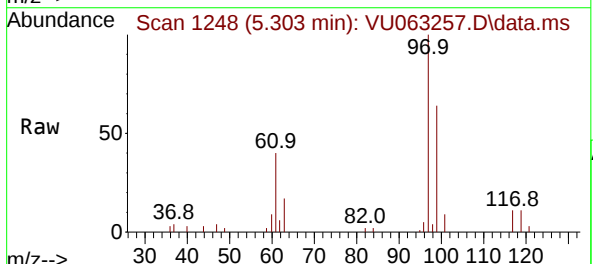
RT: 5.303 min Scan# 1248

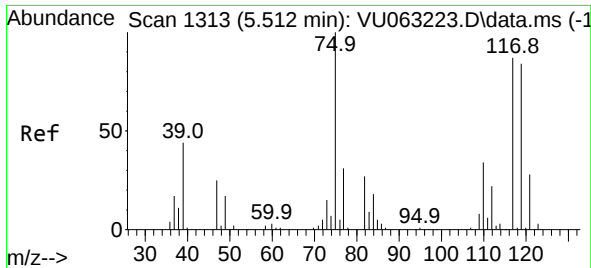
Delta R.T. -0.000 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion: 97 Resp: 16332
 Ion Ratio Lower Upper
 97 100
 99 65.1 32.4 97.0
 61 46.5 23.8 71.2





#29

1,1-Dichloropropene

Concen: 0.709 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

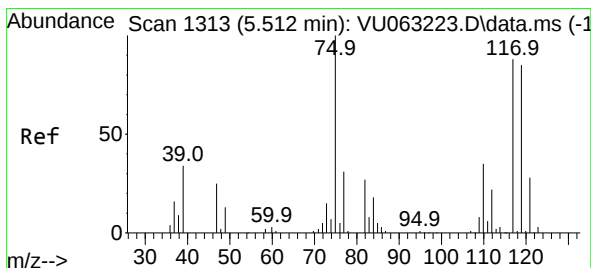
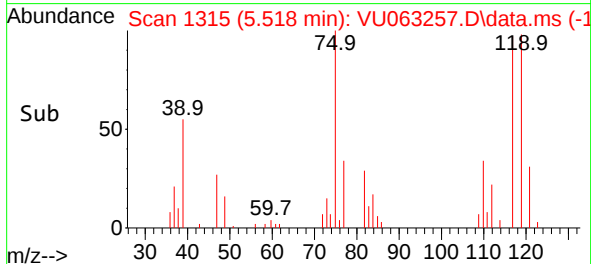
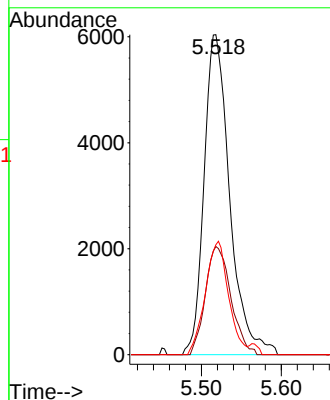
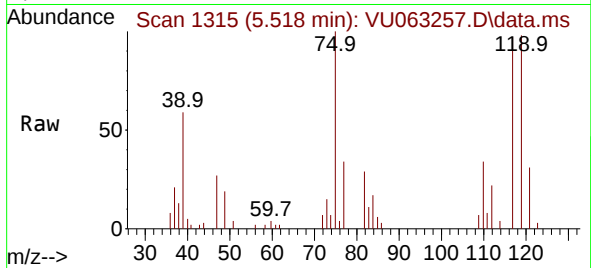
Tgt Ion:	75	Resp:	1347
Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.2	51.5
77	32.1	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#30

Carbon Tetrachloride

Concen: 0.755 ug/l

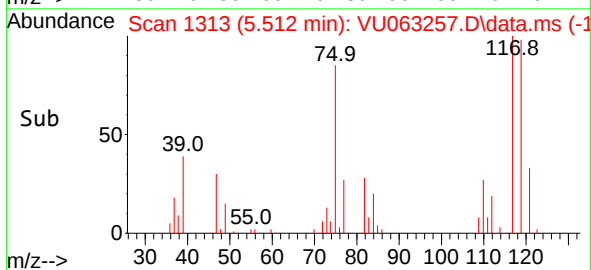
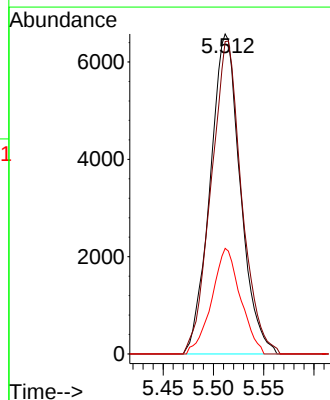
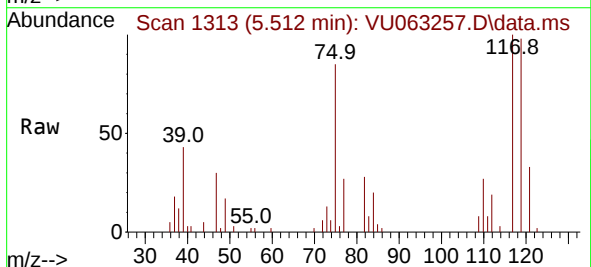
RT: 5.512 min Scan# 1313

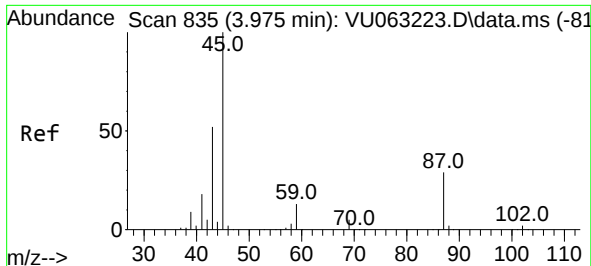
Delta R.T. -0.000 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion:	117	Resp:	13742
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.7	115.1
121	33.0	25.5	38.3





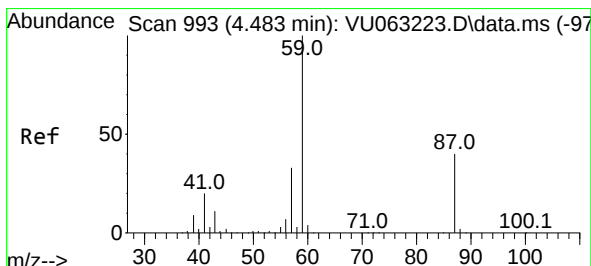
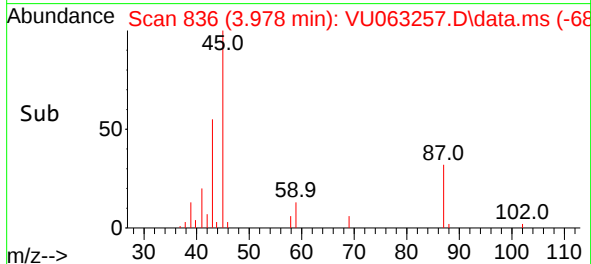
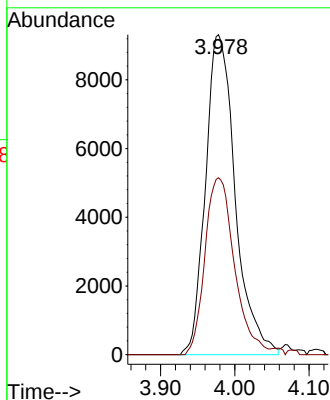
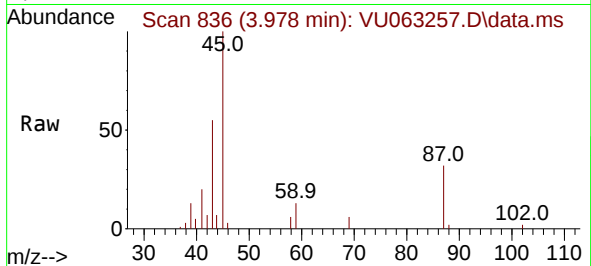
#31
Isopropyl Ether
Concen: 0.700 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 45 Resp: 25928
Ion Ratio Lower Upper
45 100
43 54.8 25.7 77.1

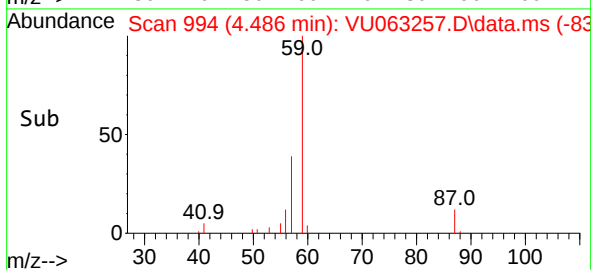
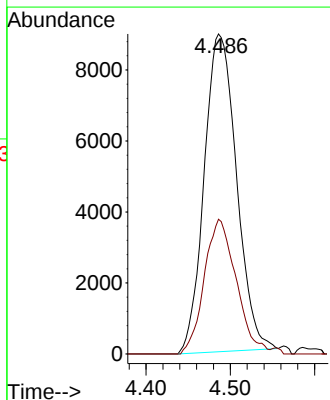
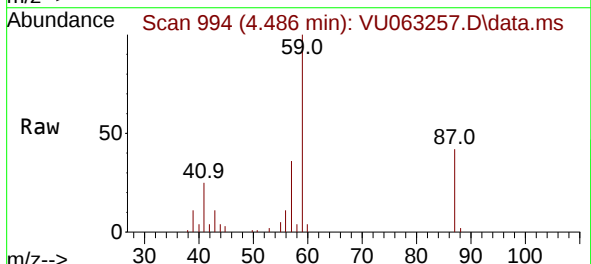
Manual Integrations
APPROVED

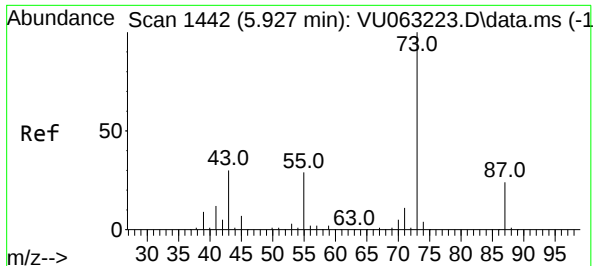
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#32
Ethyl-t-butyl ether
Concen: 0.709 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

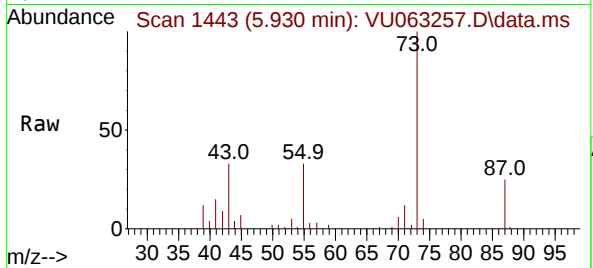
Tgt Ion: 59 Resp: 23884
Ion Ratio Lower Upper
59 100
87 40.2 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 0.703 ug/l
RT: 5.930 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

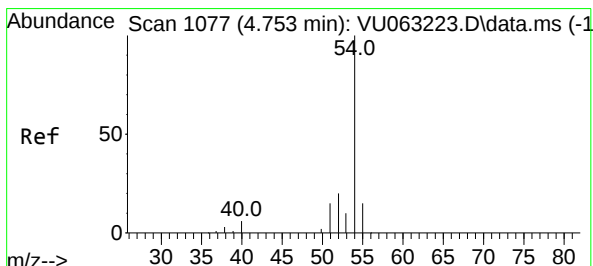
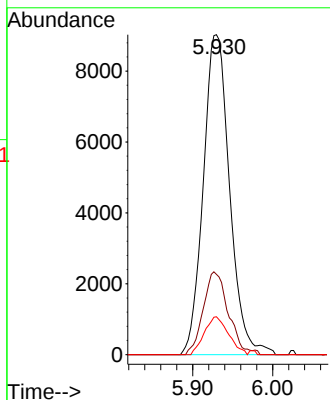
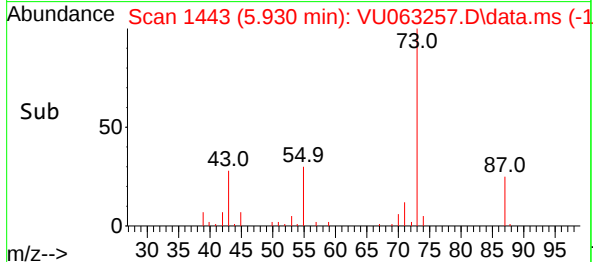
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



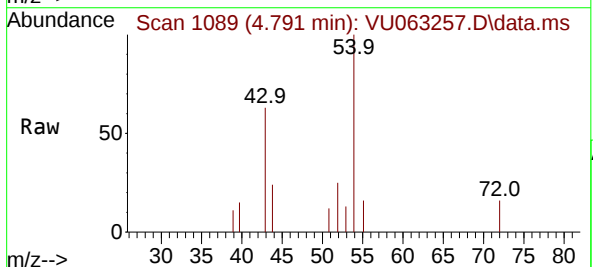
Tgt Ion: 73 Resp: 2068
Ion Ratio Lower Upper
73 100
87 24.8 18.9 28.3
71 10.8 9.0 13.4

Manual Integrations
APPROVED

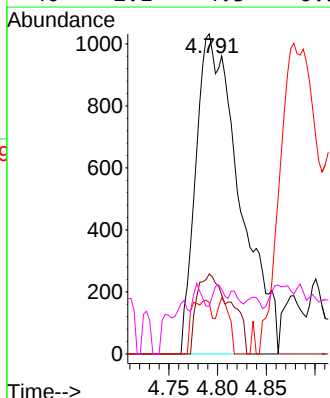
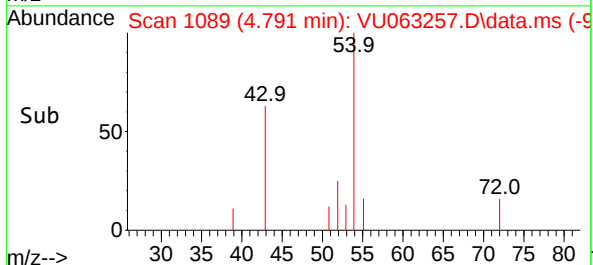
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

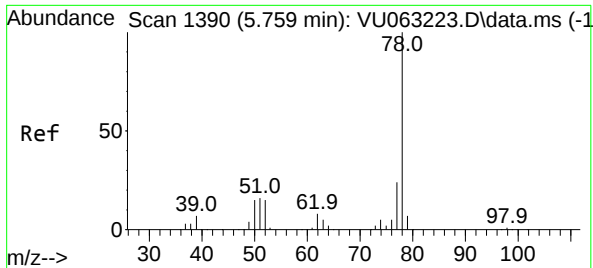


#34
Propionitrile
Concen: 3.134 ug/l
RT: 4.791 min Scan# 1089
Delta R.T. 0.038 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20



Tgt Ion: 54 Resp: 3218
Ion Ratio Lower Upper
54 100
52 19.1 16.3 24.5
55 8.2 11.8 17.6#
40 2.1 4.3 6.5#





#35

Benzene

Concen: 0.757 ug/l

RT: 5.762 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

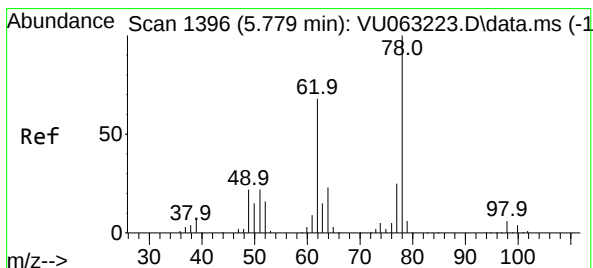
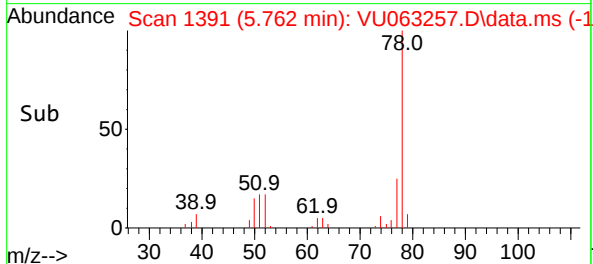
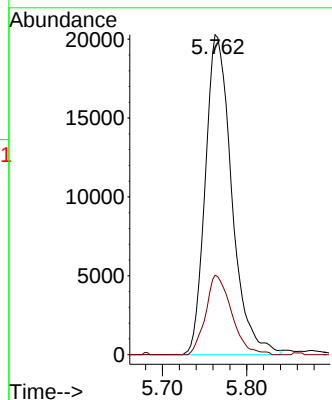
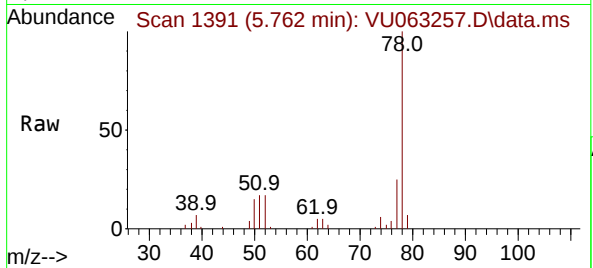
MDL-WATER-03-QT1-2025

Tgt Ion: 78 Resp: 4422
 Ion Ratio Lower Upper
 78 100
 77 24.9 19.0 28.4

Manual Integrations

APPROVED

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



#36

1,2-Dichloroethane

Concen: 0.769 ug/l

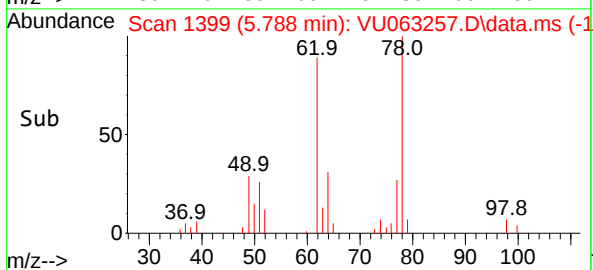
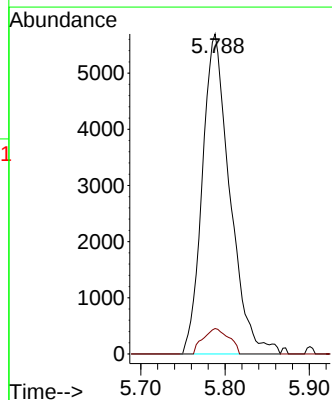
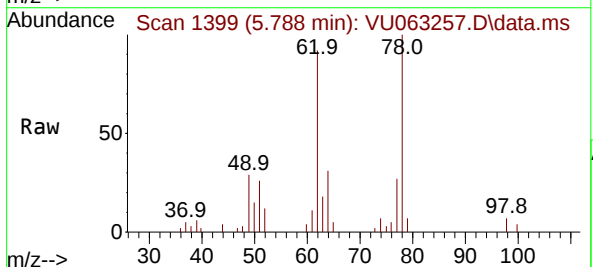
RT: 5.788 min Scan# 1399

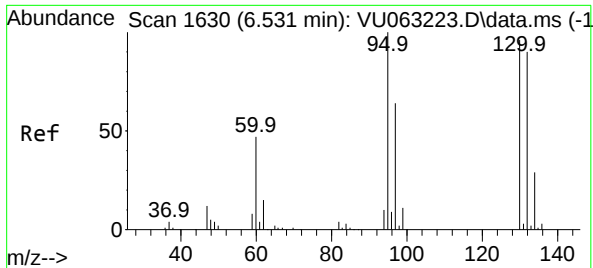
Delta R.T. 0.010 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

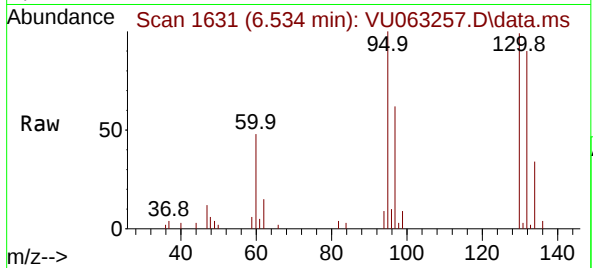
Tgt Ion: 62 Resp: 12962
 Ion Ratio Lower Upper
 62 100
 98 7.4 6.9 10.3





#37
Trichloroethene
Concen: 0.775 ug/l
RT: 6.534 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

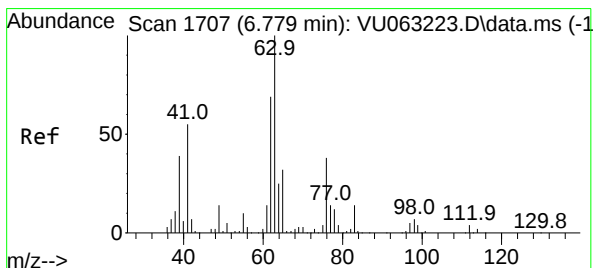
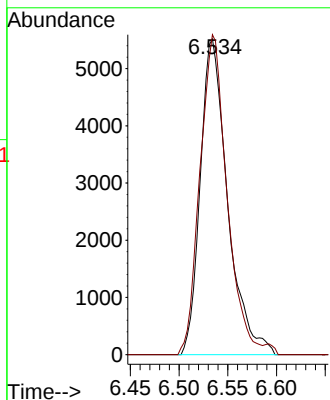
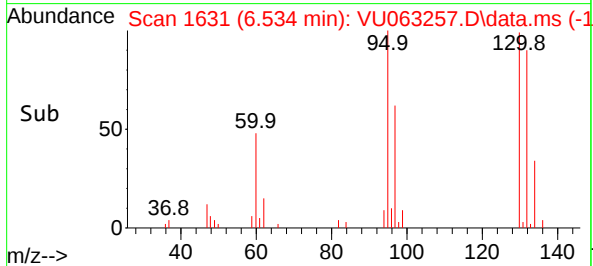
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



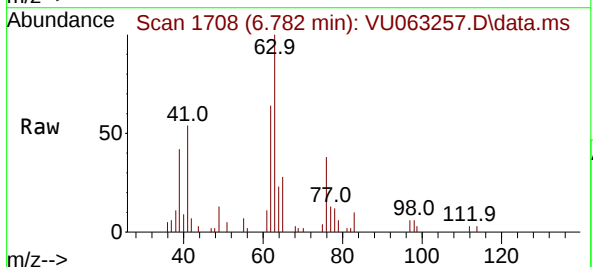
Tgt Ion:130 Resp: 1076
Ion Ratio Lower Upper
130 100
95 101.4 83.2 124.8

Manual Integrations
APPROVED

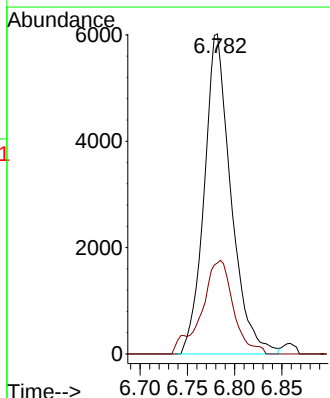
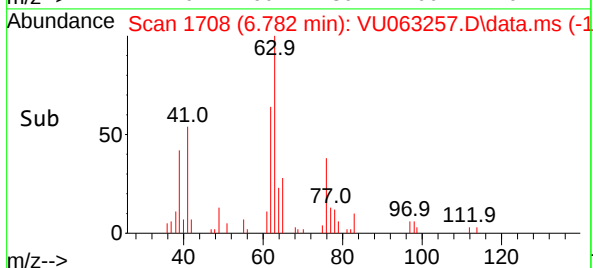
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

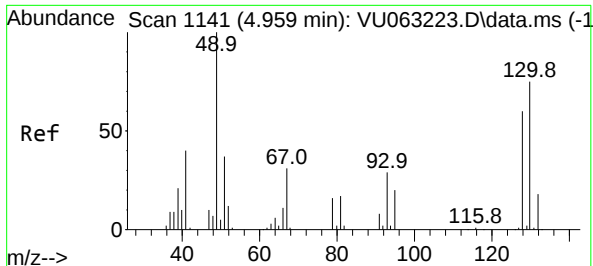


#38
1,2-Dichloropropane
Concen: 0.775 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20



Tgt Ion: 63 Resp: 11842
Ion Ratio Lower Upper
63 100
65 28.4 25.3 37.9





#39

Methacrylonitrile

Concen: 0.661 ug/l m

RT: 4.988 min Scan# 1115

Delta R.T. 0.029 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

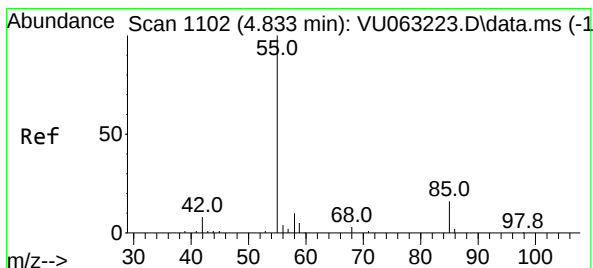
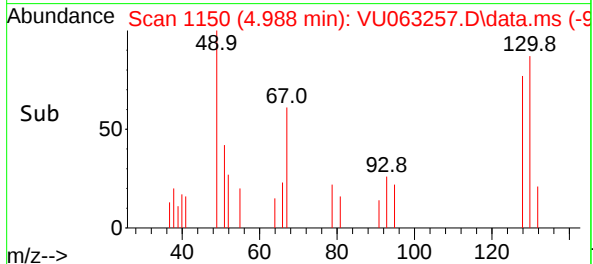
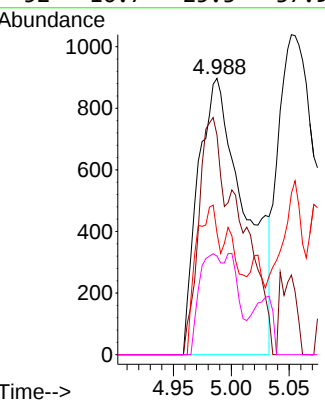
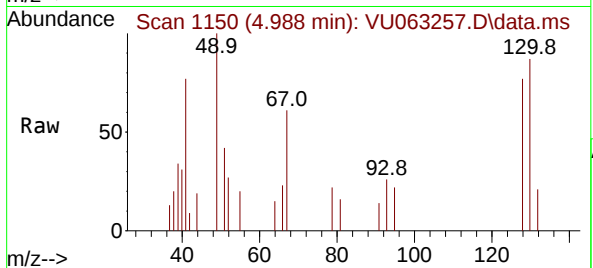
Tgt Ion: 41 Resp: 2529

Ion	Ratio	Lower	Upper
41	100		
67	46.1	64.5	96.7
39	26.3	43.0	64.6
52	16.7	25.3	37.9

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 0.707 ug/l m

RT: 4.878 min Scan# 1116

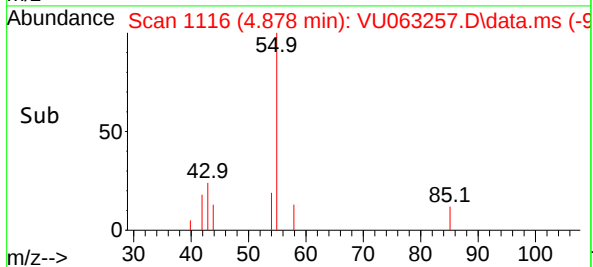
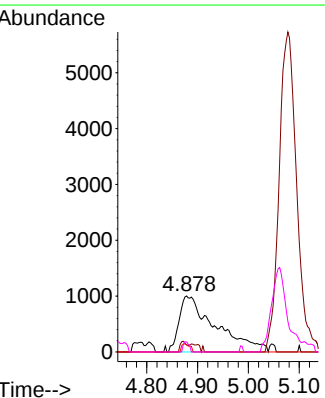
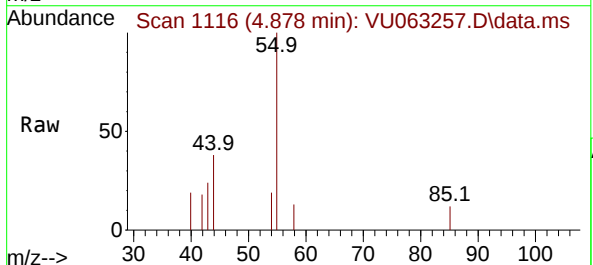
Delta R.T. 0.045 min

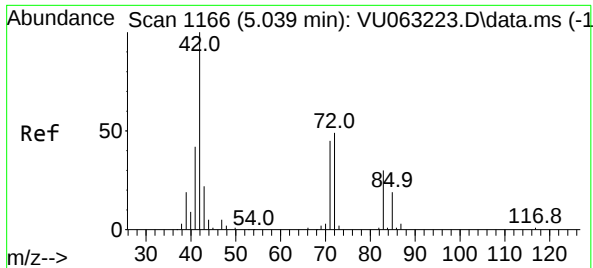
Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion: 55 Resp: 4984

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





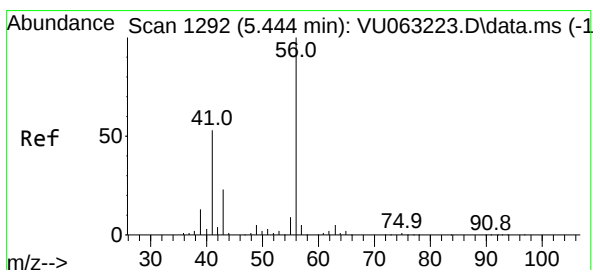
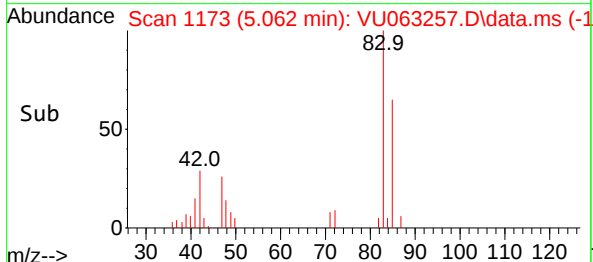
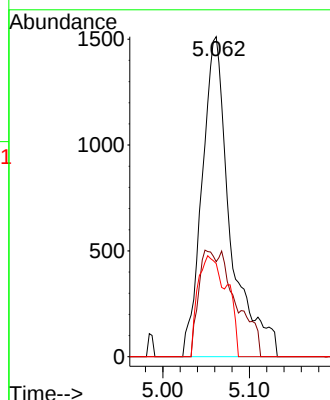
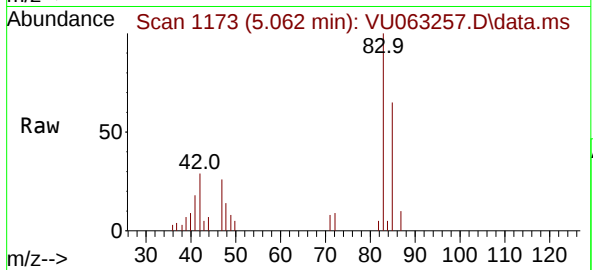
#41
Tetrahydrofuran
Concen: 1.542 ug/l
RT: 5.062 min Scan# 1166
Delta R.T. 0.022 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 42 Resp: 343
Ion Ratio Lower Upper
42 100
72 20.2 41.5 62.3
71 25.8 37.2 55.8

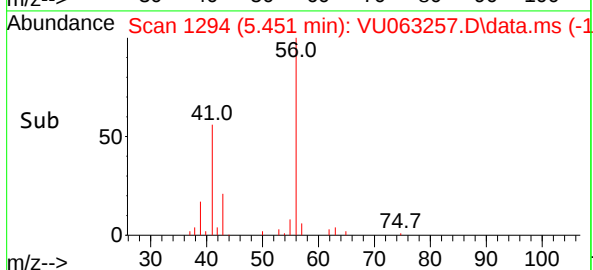
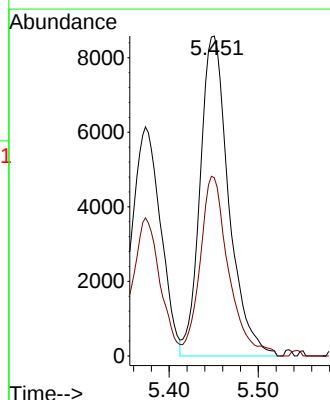
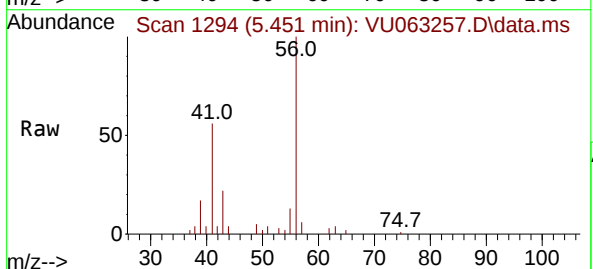
Manual Integrations
APPROVED

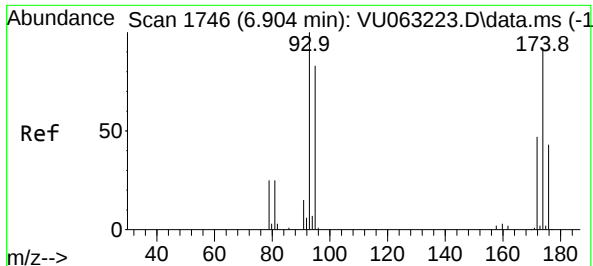
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#42
1-Chlorobutane
Concen: 0.738 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Tgt Ion: 56 Resp: 19187
Ion Ratio Lower Upper
56 100
41 55.7 26.3 78.8





#43

Dibromomethane

Concen: 0.745 ug/l

RT: 6.914 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU063257.D

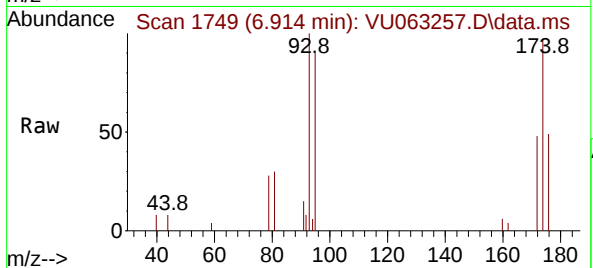
Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

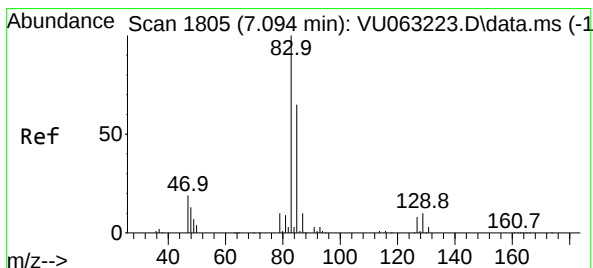
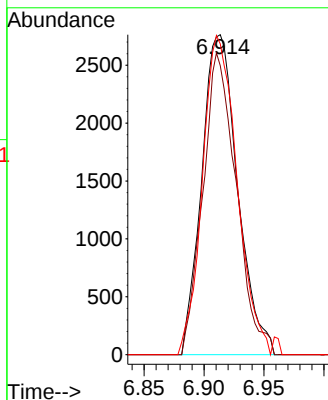
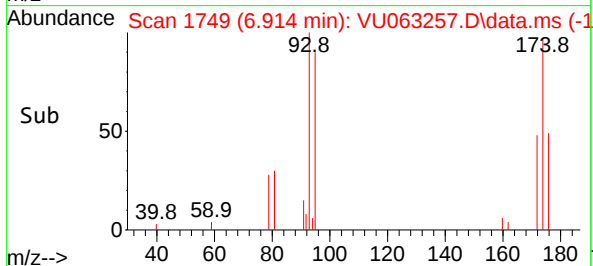
MDL-WATER-03-QT1-2025



Tgt Ion:	93	Resp:	576
Ion	Ratio	Lower	Upper
93	100		
95	87.9	67.2	100.8
174	95.8	75.7	113.5

Manual Integrations
APPROVED

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



#44

Bromodichloromethane

Concen: 0.796 ug/l

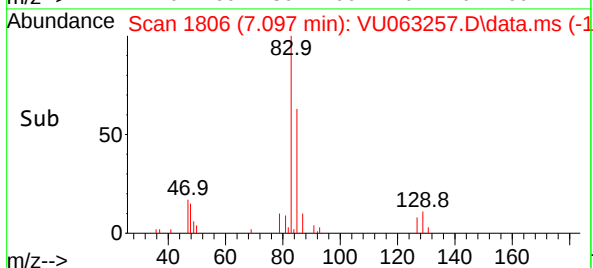
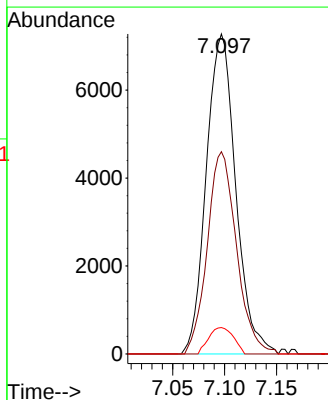
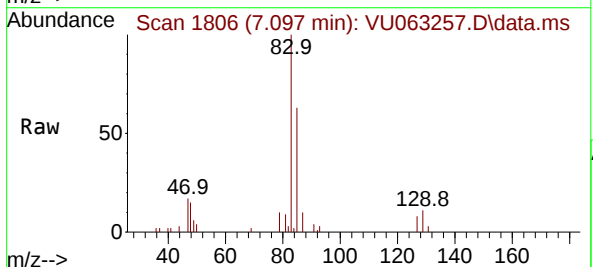
RT: 7.097 min Scan# 1806

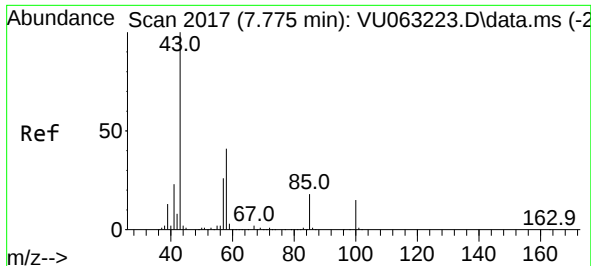
Delta R.T. 0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion:	83	Resp:	14341
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.7	77.5
127	8.3	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 3.385 ug/l

RT: 7.782 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

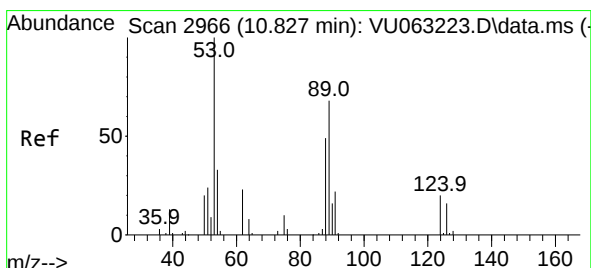
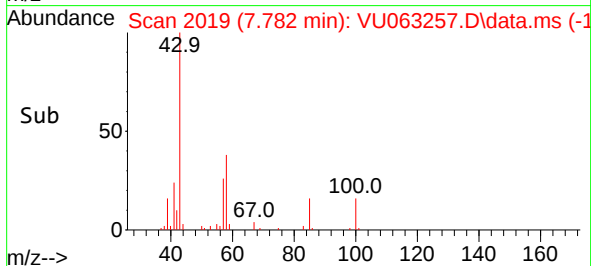
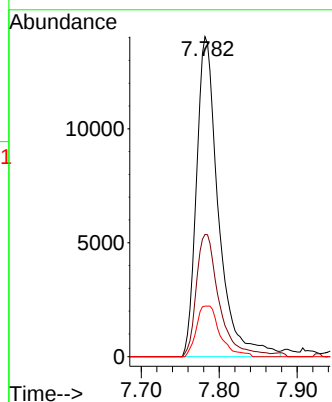
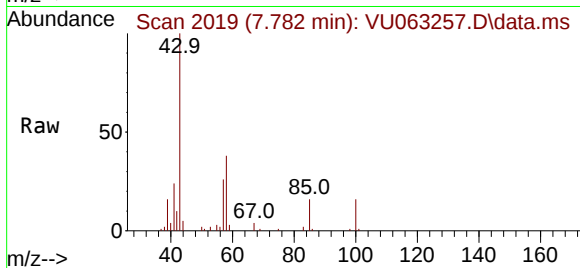
MDL-WATER-03-QT1-2025

Tgt Ion: 43	Resp: 27474
Ion Ratio	Lower Upper
43 100	
58 39.9	20.8 62.5
85 16.9	14.8 22.2

Manual Integrations

APPROVED

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



#46

t-1,4-Dichloro-2-butene

Concen: 1.543 ug/l m

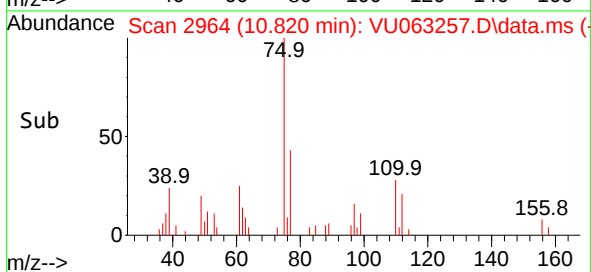
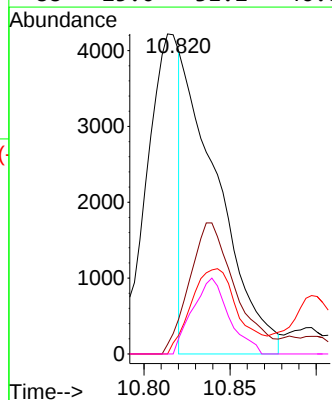
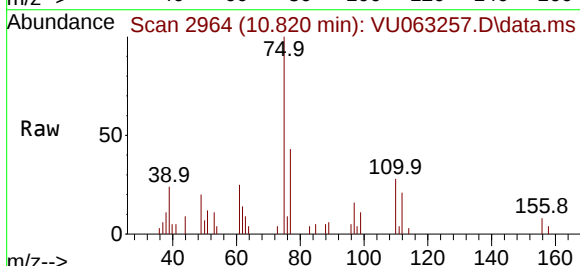
RT: 10.820 min Scan# 2964

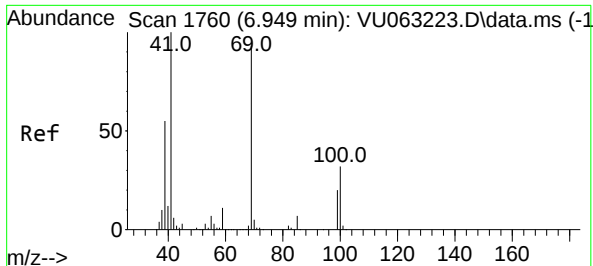
Delta R.T. -0.007 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion: 75	Resp: 5886
Ion Ratio	Lower Upper
75 100	
53 54.9	64.5 96.7#
89 36.6	43.4 65.2#
88 25.0	31.2 46.8#





#47

Methyl methacrylate

Concen: 1.305 ug/l m

RT: 6.959 min Scan# 1763

Delta R.T. 0.010 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

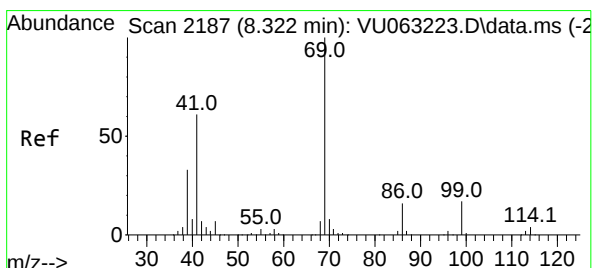
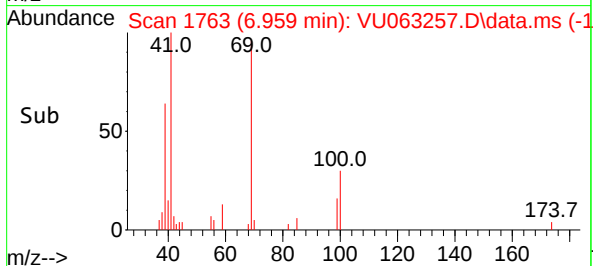
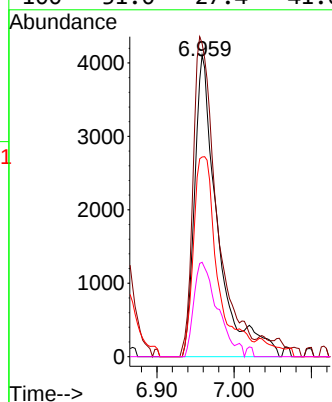
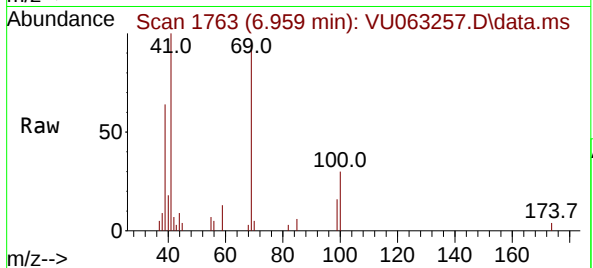
MDL-WATER-03-QT1-2025

Tgt Ion:	69	Resp:	850
Ion	Ratio	Lower	Upper
69	100		
41	109.2	0.0	217.0
39	69.4	47.7	71.5
100	31.0	27.4	41.0

Manual Integrations

APPROVED

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



#48

Ethyl methacrylate

Concen: 0.684 ug/l

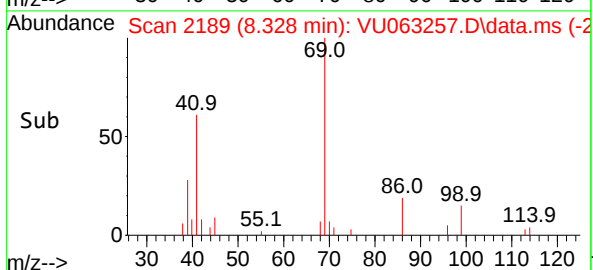
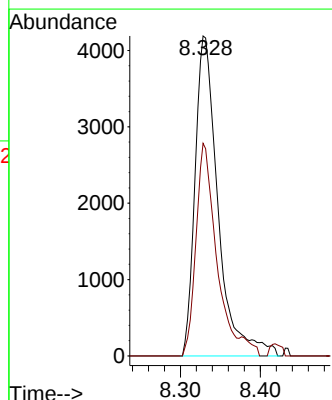
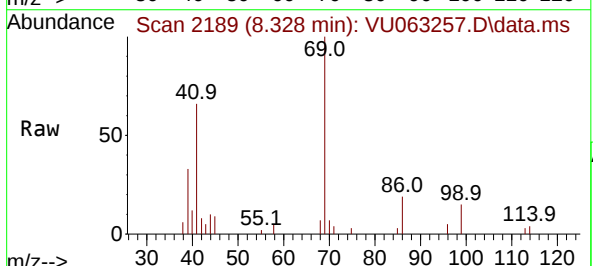
RT: 8.328 min Scan# 2189

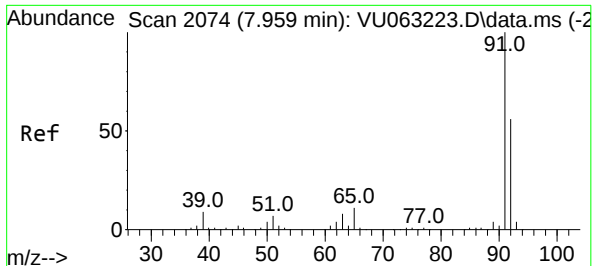
Delta R.T. 0.006 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion:	69	Resp:	8373
Ion	Ratio	Lower	Upper
69	100		
41	58.0	30.6	92.0





#49

Toluene

Concen: 0.704 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 92 Resp: 2366

Ion Ratio Lower Upper

92 100

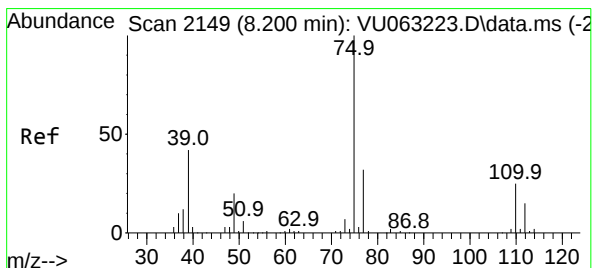
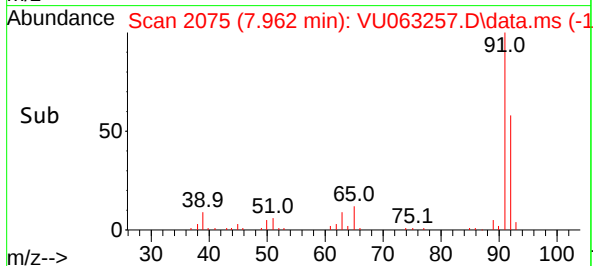
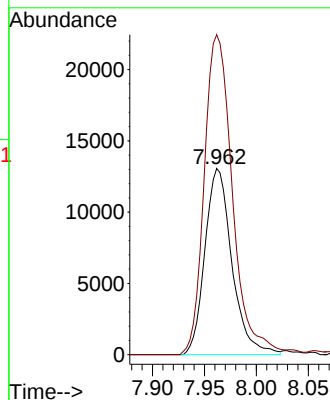
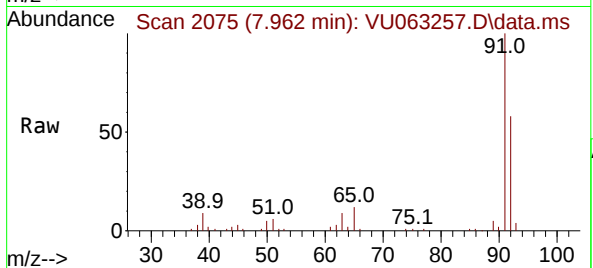
91 180.0 141.8 212.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#50

t-1,3-Dichloropropene

Concen: 0.708 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.006 min

Lab File: VU063257.D

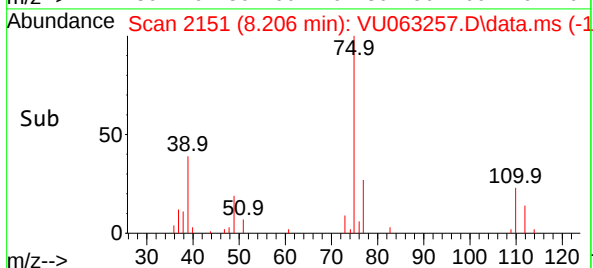
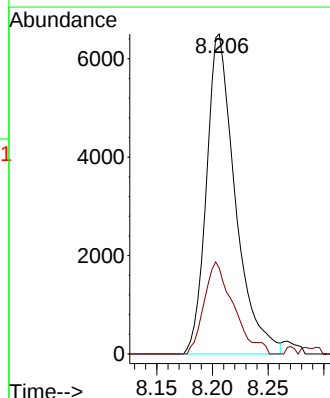
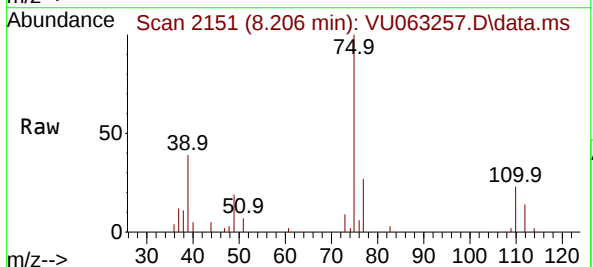
Acq: 12 Feb 2025 16:20

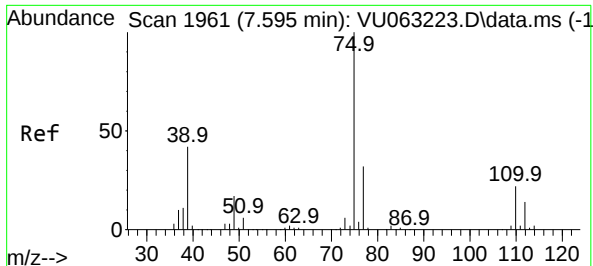
Tgt Ion: 75 Resp: 11681

Ion Ratio Lower Upper

75 100

77 26.8 25.9 38.9





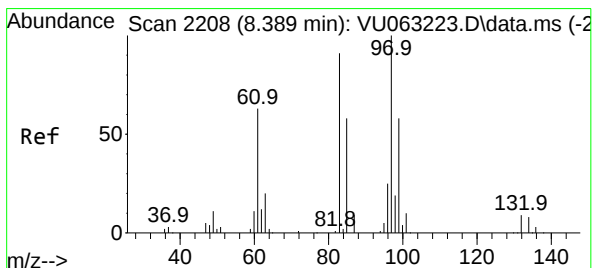
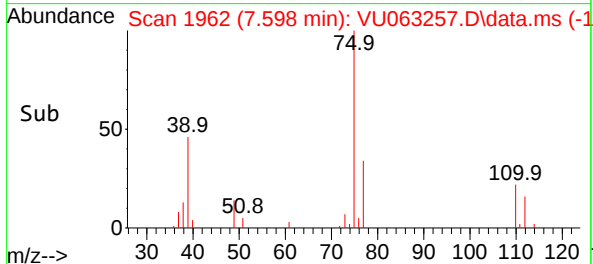
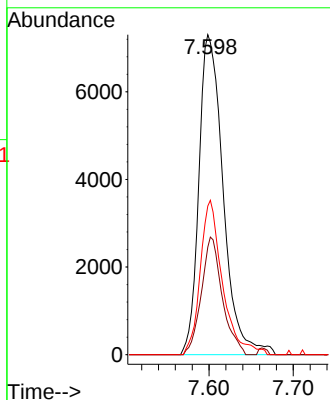
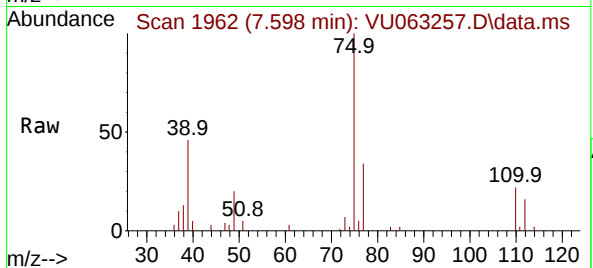
#51
 cis-1,3-Dichloropropene
 Concen: 0.719 ug/l
 RT: 7.598 min Scan# 1961
 Delta R.T. 0.003 min
 Lab File: VU063257.D
 Acq: 12 Feb 2025 16:20

Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Tgt Ion: 75 Resp: 1464
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.3 37.9
 39 46.5 33.5 50.3

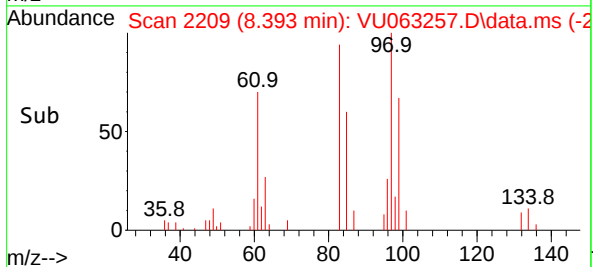
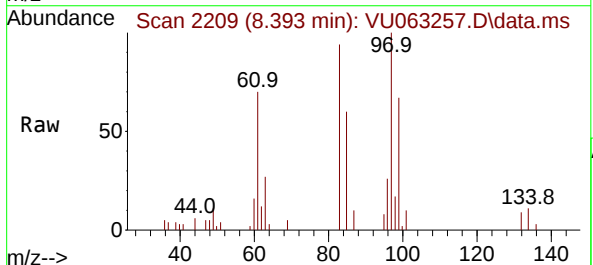
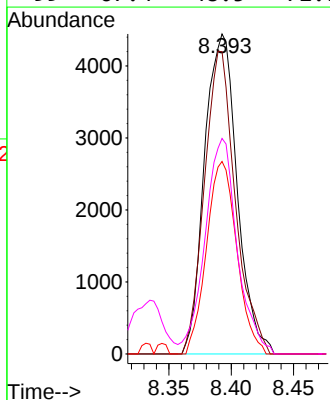
Manual Integrations
 APPROVED

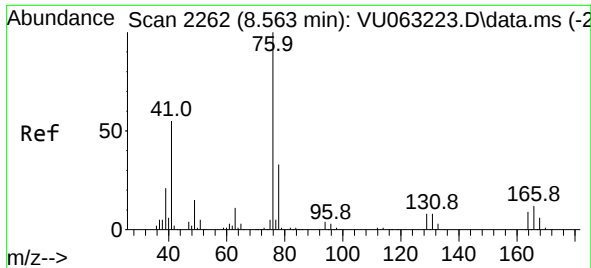
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.776 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU063257.D
 Acq: 12 Feb 2025 16:20

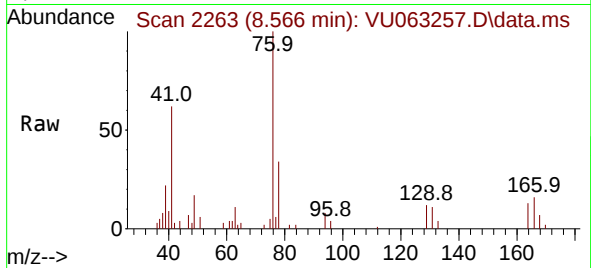
Tgt Ion: 97 Resp: 8101
 Ion Ratio Lower Upper
 97 100
 83 94.5 73.0 109.4
 85 60.1 46.3 69.5
 99 67.4 48.5 72.7





#53
1,3-Dichloropropane
Concen: 0.741 ug/l
RT: 8.566 min Scan# 2262
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

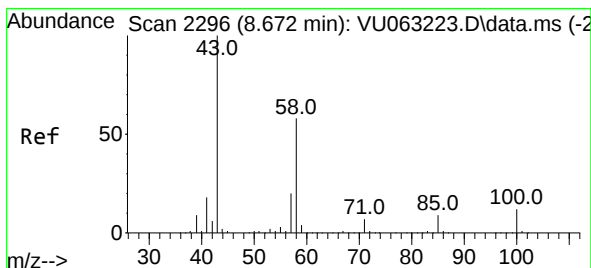
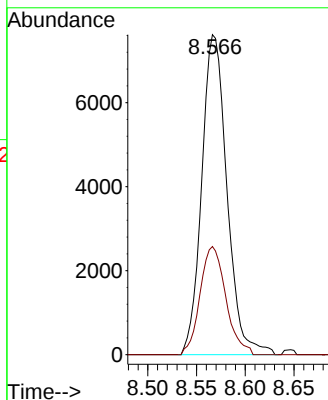
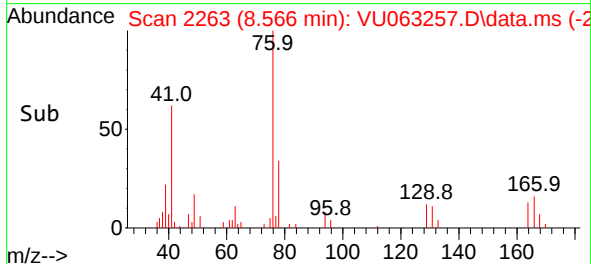
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



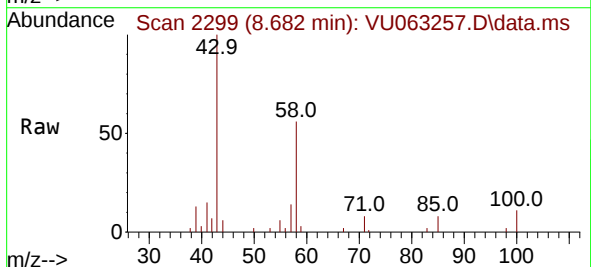
Tgt Ion: 76 Resp: 13728
Ion Ratio Lower Upper
76 100
78 34.4 26.3 39.5

Manual Integrations
APPROVED

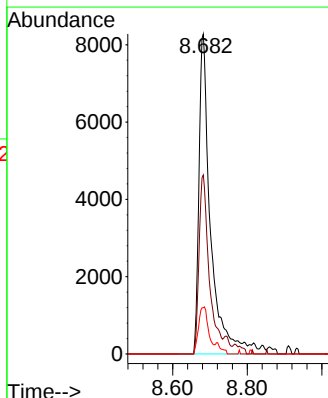
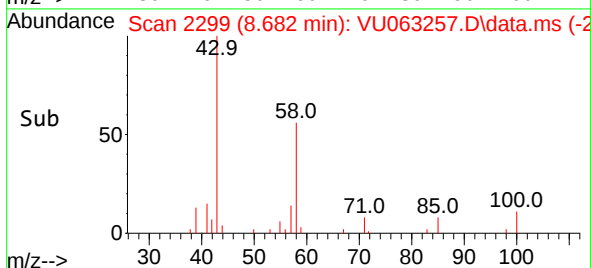
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

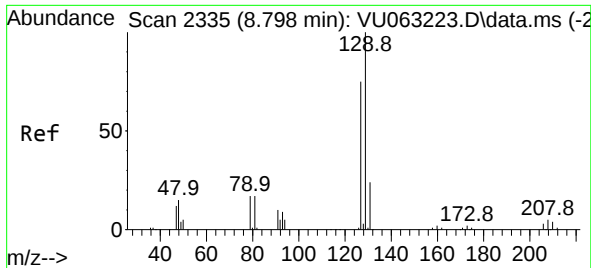


#54
2-Hexanone
Concen: 3.304 ug/l m
RT: 8.682 min Scan# 2299
Delta R.T. 0.010 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20



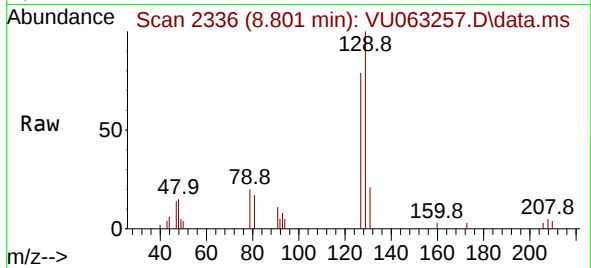
Tgt Ion: 43 Resp: 18298
Ion Ratio Lower Upper
43 100
58 47.3 38.0 78.0
57 12.2 0.0 39.1





#55
Dibromochloromethane
Concen: 0.730 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

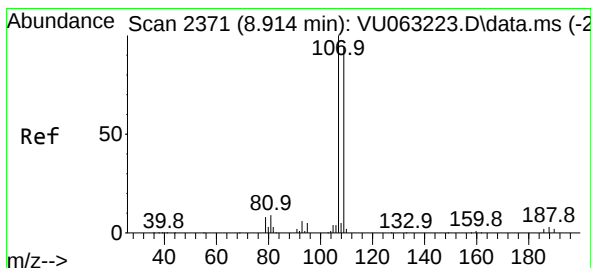
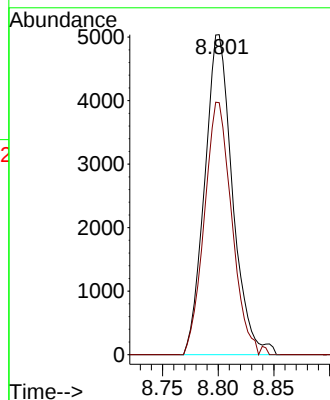
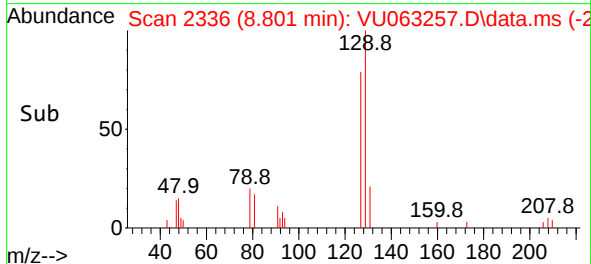
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:129 Resp: 8769
Ion Ratio Lower Upper
129 100
127 77.9 60.4 90.6

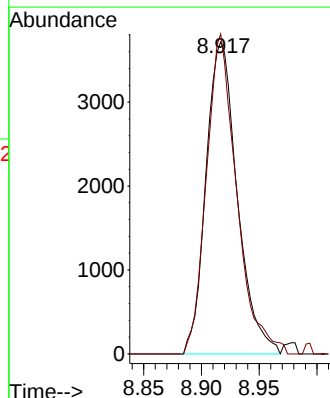
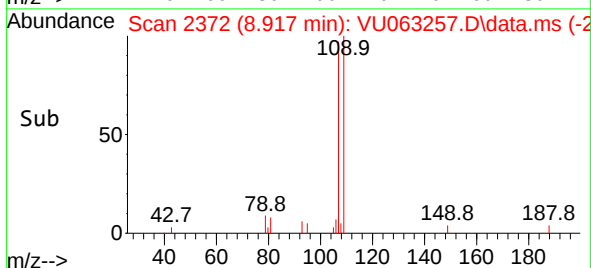
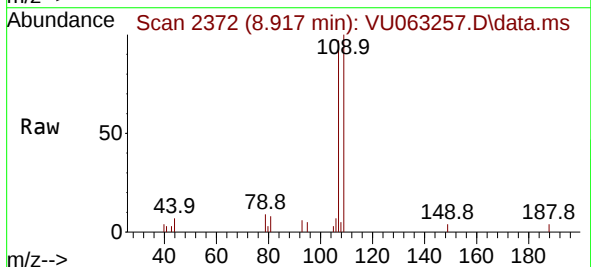
Manual Integrations
APPROVED

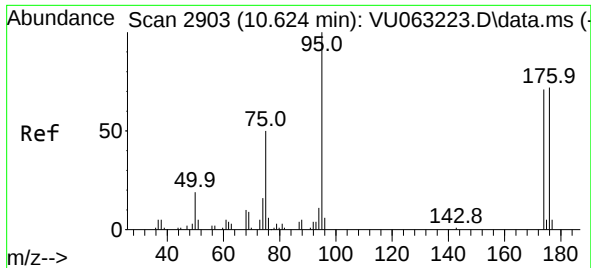
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#56
1,2-Dibromoethane
Concen: 0.716 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Tgt Ion:107 Resp: 7011
Ion Ratio Lower Upper
107 100
109 98.9 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 0.925 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

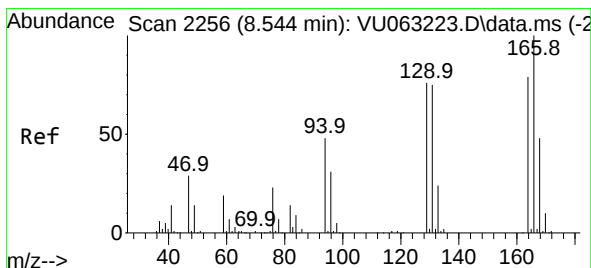
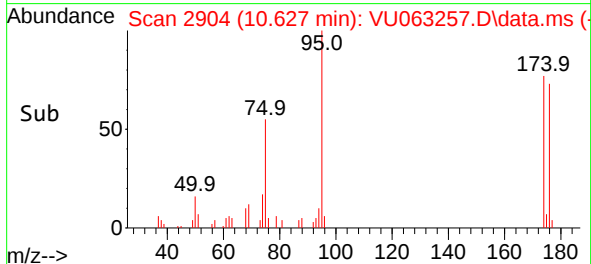
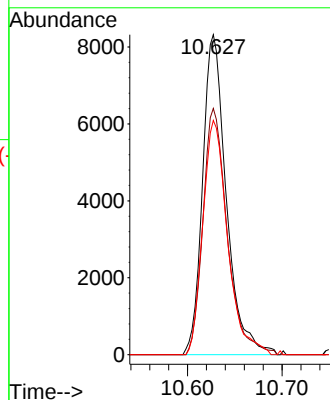
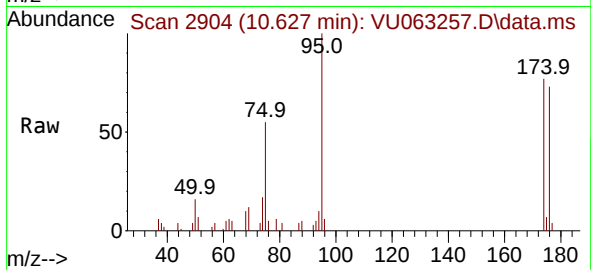
Tgt Ion: 95 Resp: 1450

Ion	Ratio	Lower	Upper
95	100		
174	78.8	58.6	88.0
176	76.3	58.2	87.4

Manual Integrations

APPROVED

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



#58

Tetrachloroethene

Concen: 0.809 ug/l

RT: 8.544 min Scan# 2256

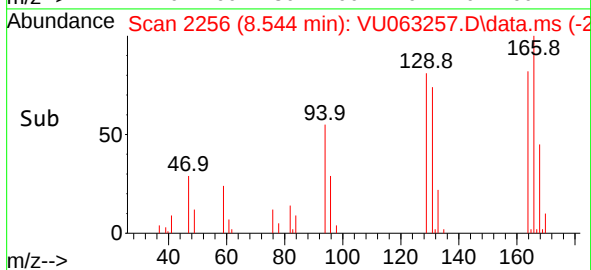
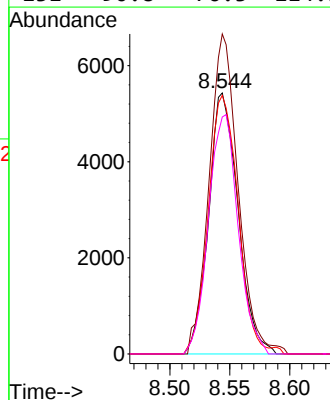
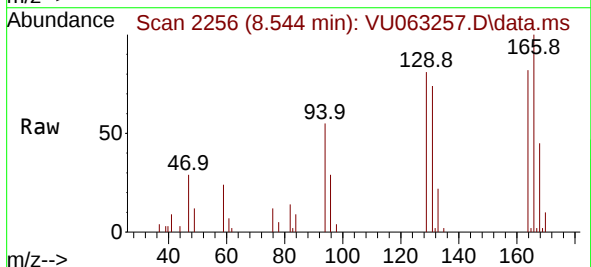
Delta R.T. -0.000 min

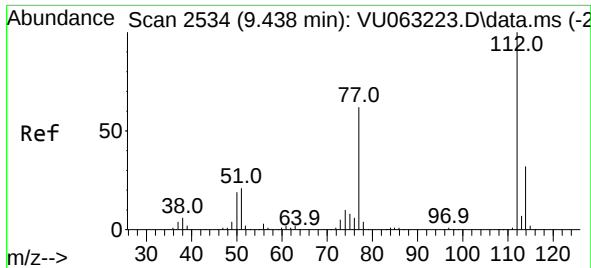
Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion:164 Resp: 9267

Ion	Ratio	Lower	Upper
164	100		
166	122.6	101.4	152.0
129	99.1	77.0	115.4
131	90.8	76.3	114.5





#59

Chlorobenzene

Concen: 0.755 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:112 Resp: 2675

Ion Ratio Lower Upper

112 100

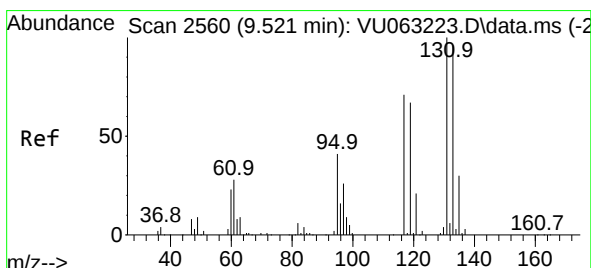
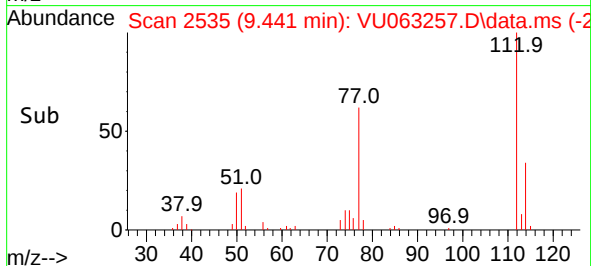
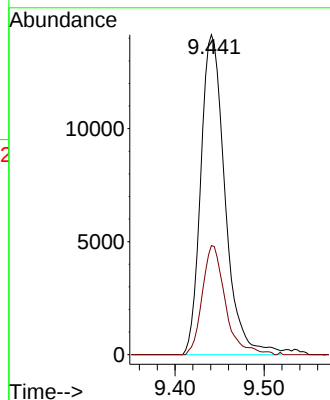
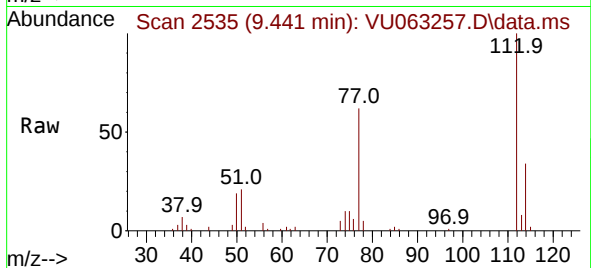
114 34.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 0.769 ug/l

RT: 9.521 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

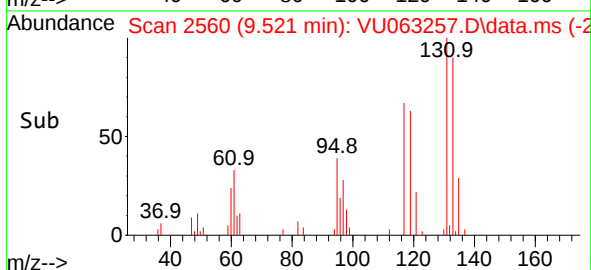
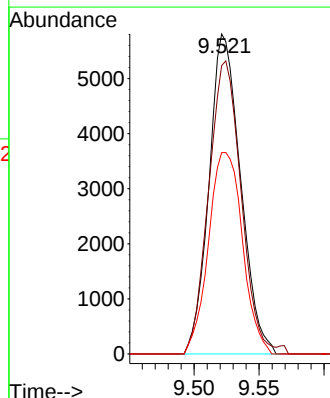
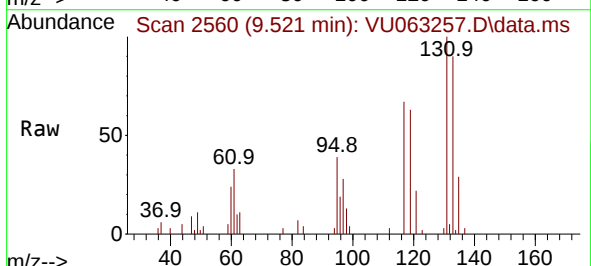
Tgt Ion:131 Resp: 9795

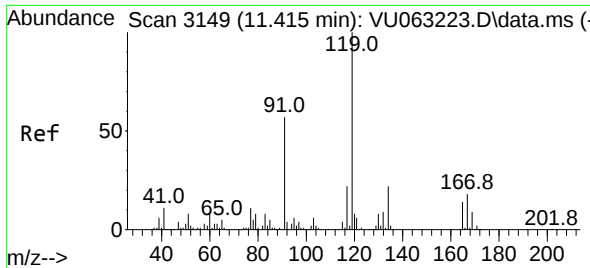
Ion Ratio Lower Upper

131 100

133 94.5 76.7 115.1

119 67.9 54.4 81.6





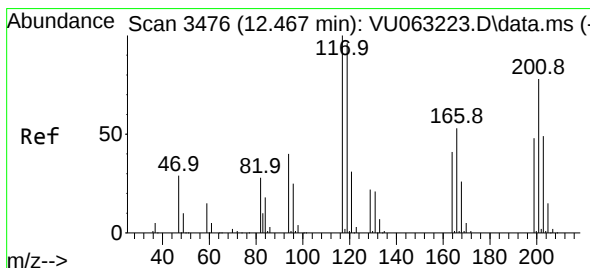
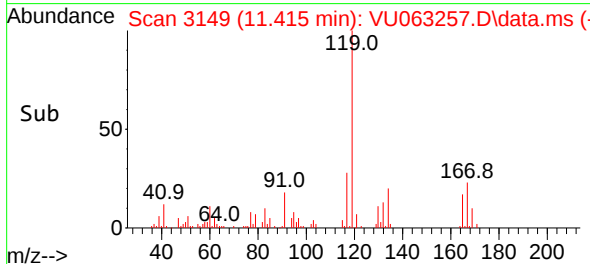
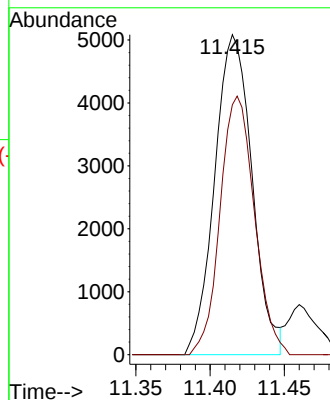
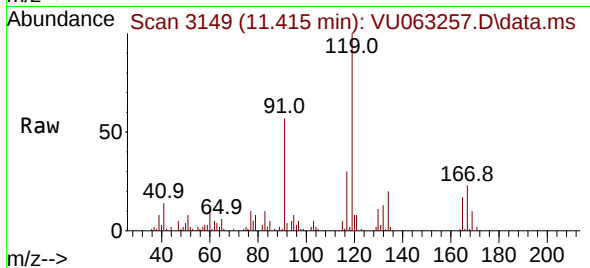
#61
Pentachloroethane
Concen: 0.781 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:117 Resp: 8890
Ion Ratio Lower Upper
117 100
167 74.4 65.0 97.6

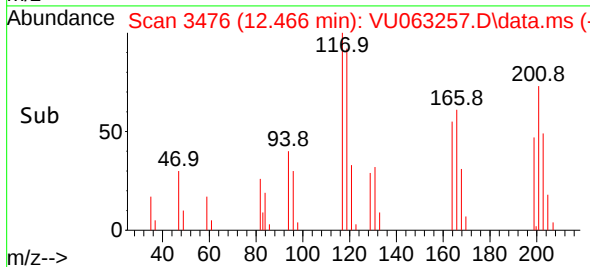
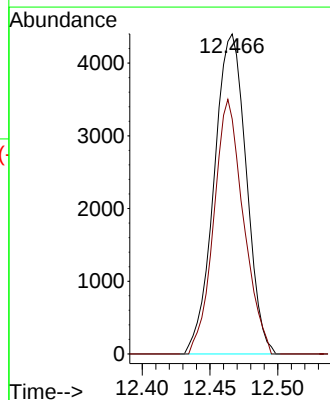
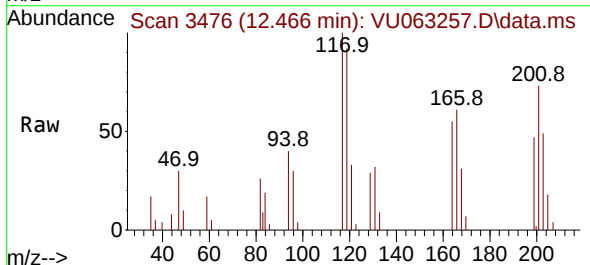
Manual Integrations
APPROVED

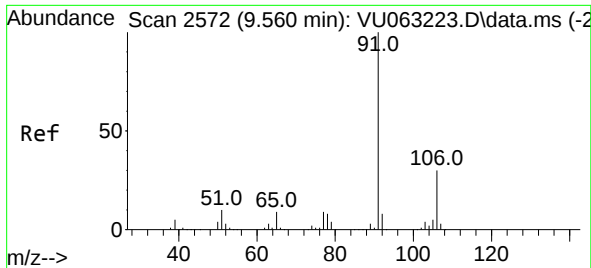
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#62
Hexachloroethane
Concen: 0.722 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Tgt Ion:117 Resp: 7275
Ion Ratio Lower Upper
117 100
201 73.3 61.3 91.9





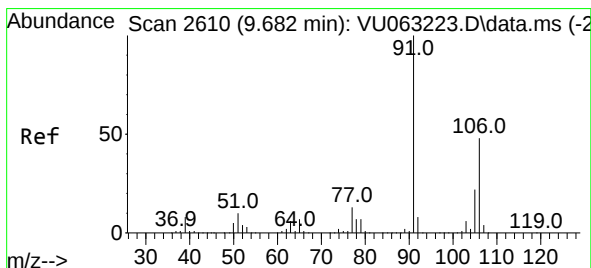
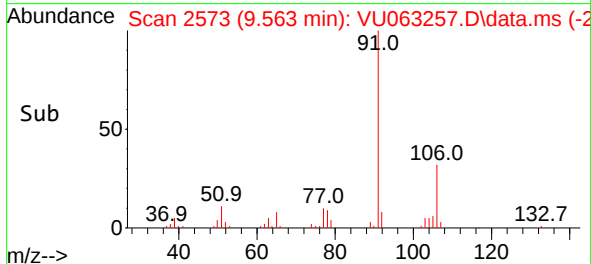
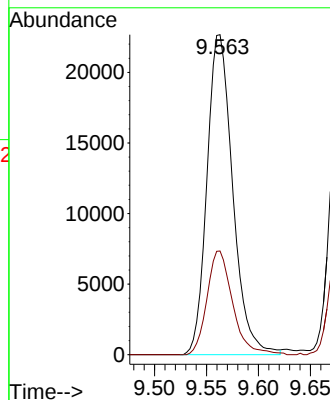
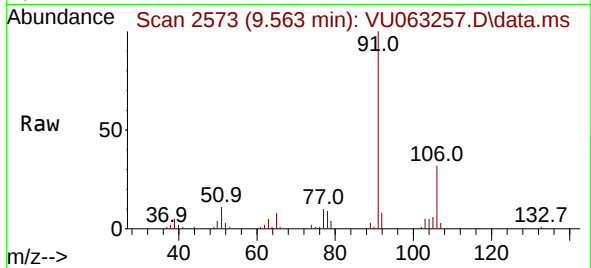
#63
Ethyl Benzene
Concen: 0.639 ug/l
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 91 Resp: 3905
Ion Ratio Lower Upper
91 100
106 32.4 24.2 36.2

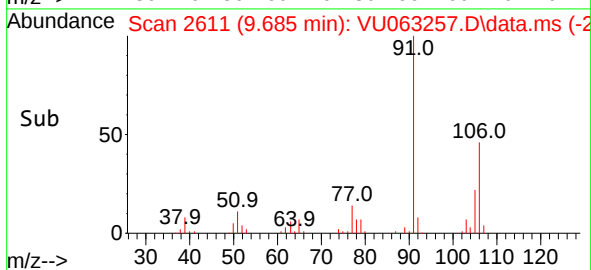
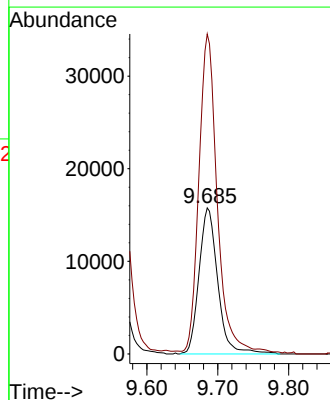
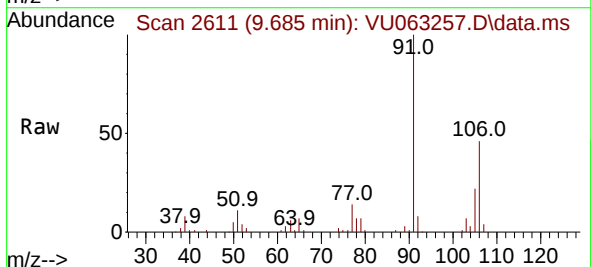
Manual Integrations
APPROVED

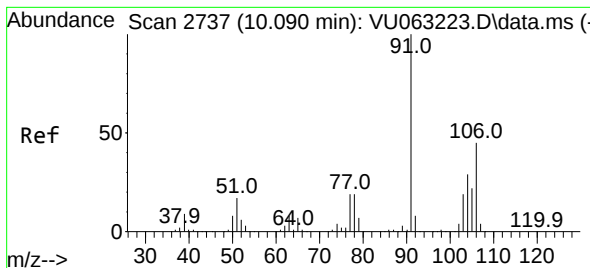
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#64
m/p-Xylenes
Concen: 1.268 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Tgt Ion:106 Resp: 28951
Ion Ratio Lower Upper
106 100
91 207.7 166.9 250.3





#65

o-Xylene

Concen: 0.662 ug/l

RT: 10.093 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:106 Resp: 1480

Ion Ratio Lower Upper

106 100

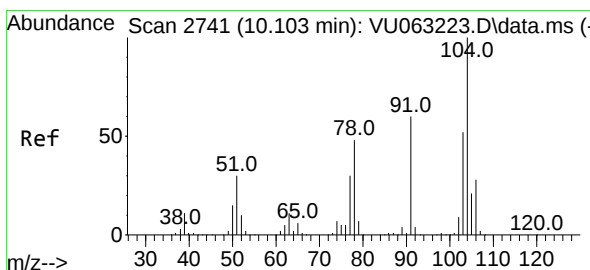
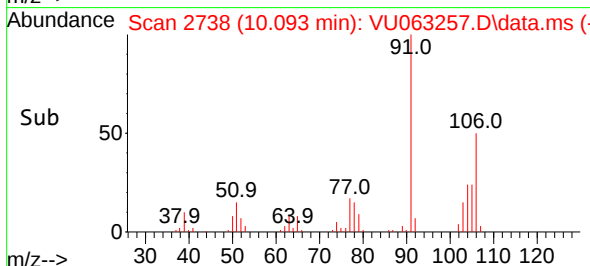
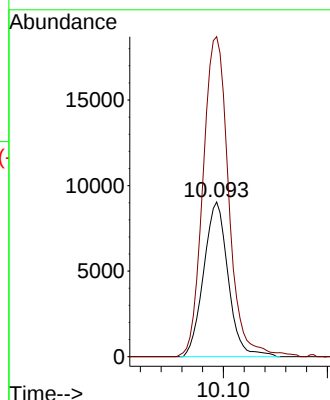
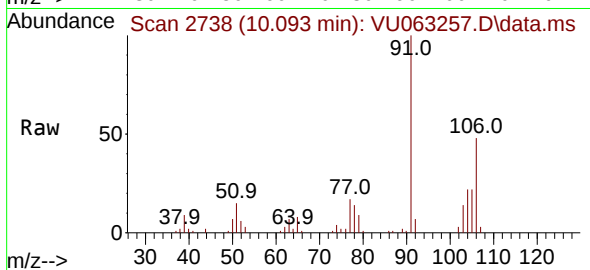
91 217.1 110.9 332.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#66

Styrene

Concen: 0.624 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.006 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

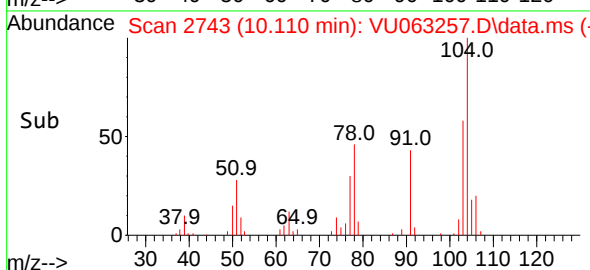
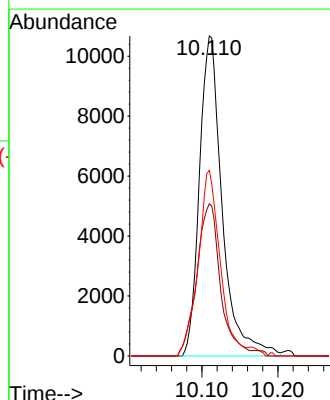
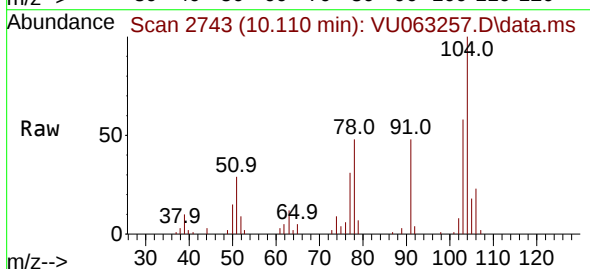
Tgt Ion:104 Resp: 22217

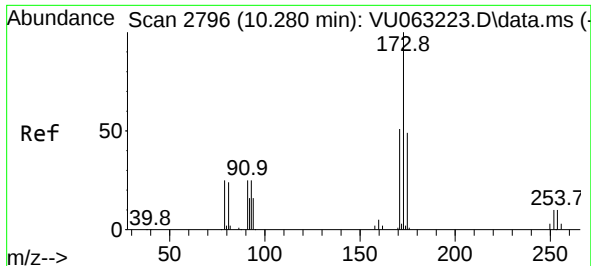
Ion Ratio Lower Upper

104 100

78 49.4 41.2 61.8

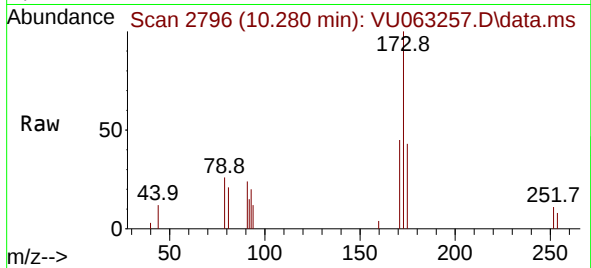
103 57.0 44.8 67.2





#67
Bromoform
Concen: 0.751 ug/l
RT: 10.280 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

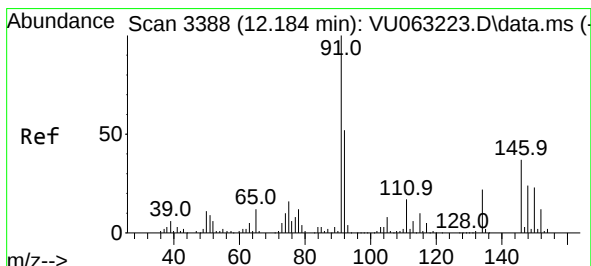
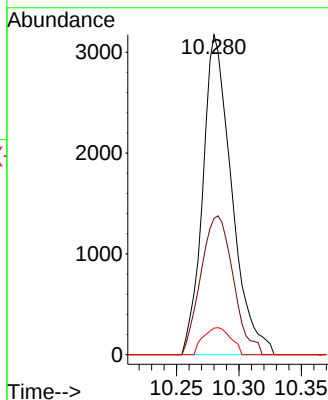
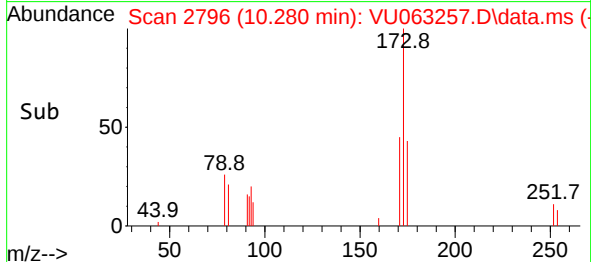
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



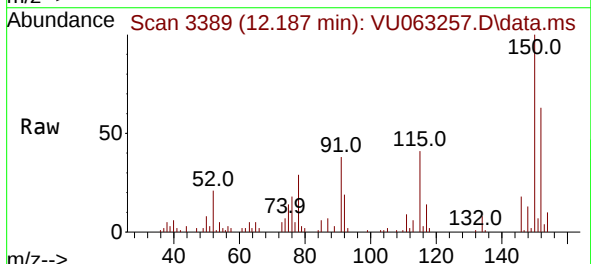
Tgt Ion:173 Resp: 5118
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.4
254 8.1 7.7 11.5

Manual Integrations
APPROVED

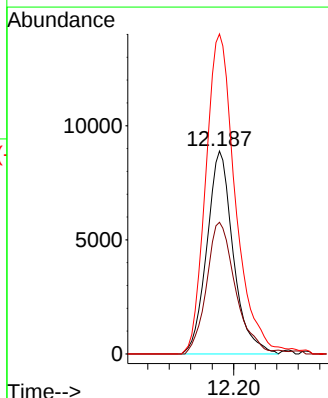
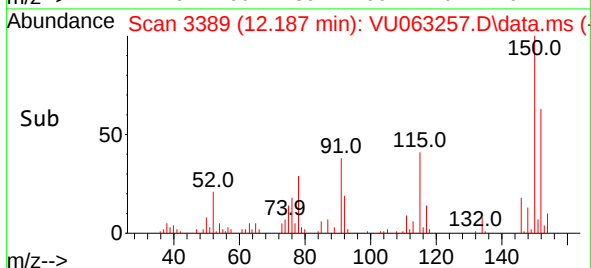
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

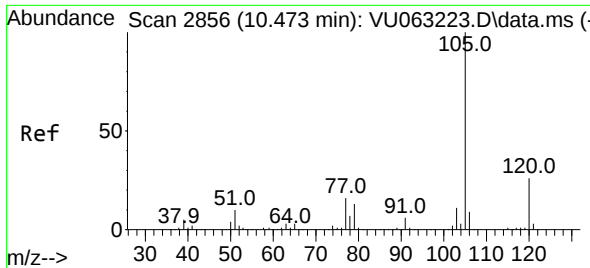


#68
1,2-Dichlorobenzene-d4
Concen: 0.927 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20



Tgt Ion:152 Resp: 15122
Ion Ratio Lower Upper
152 100
115 71.1 0.0 275.2
150 178.8 0.0 658.4





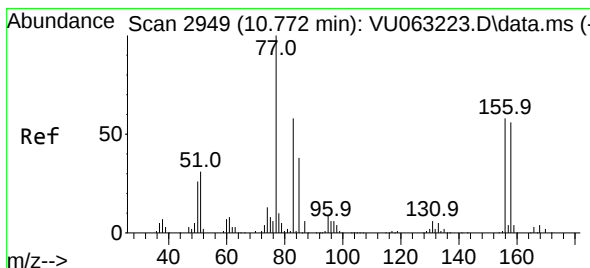
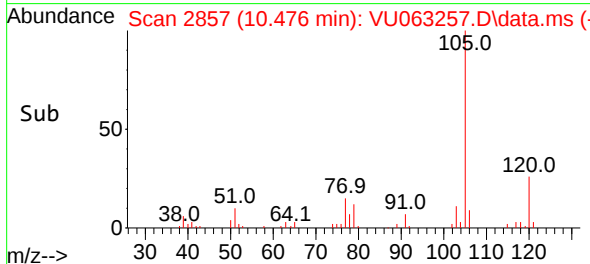
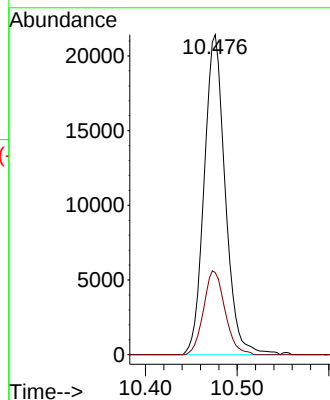
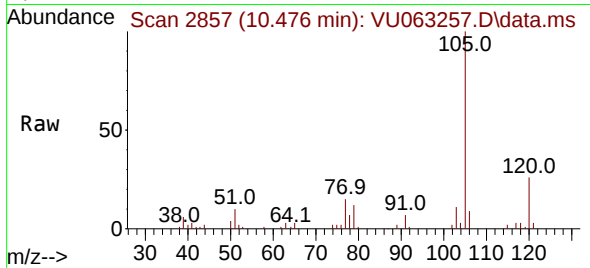
#69
Isopropylbenzene
Concen: 0.651 ug/l
RT: 10.476 min Scan# 2856
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:105 Resp: 34200
Ion Ratio Lower Upper
105 100
120 26.6 12.8 38.4

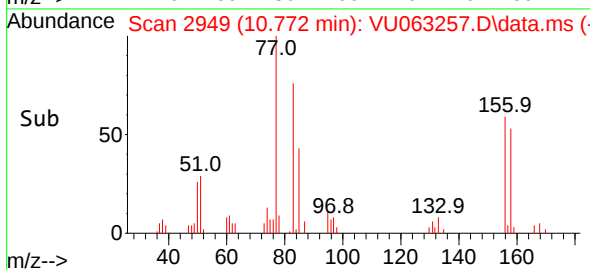
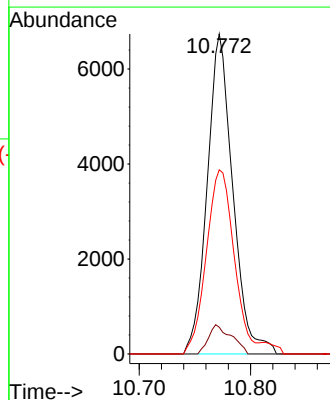
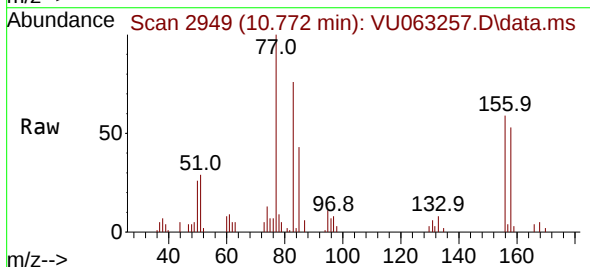
Manual Integrations
APPROVED

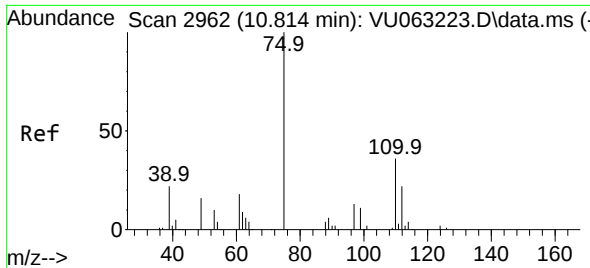
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.765 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

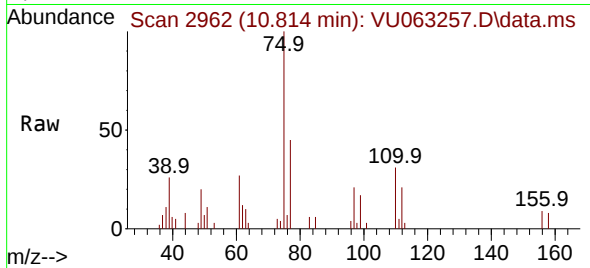
Tgt Ion: 83 Resp: 10757
Ion Ratio Lower Upper
83 100
131 8.2 7.4 11.0
85 62.4 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 0.800 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

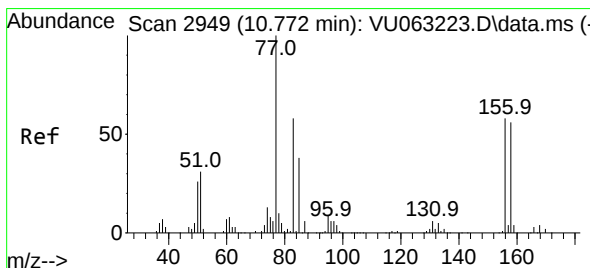
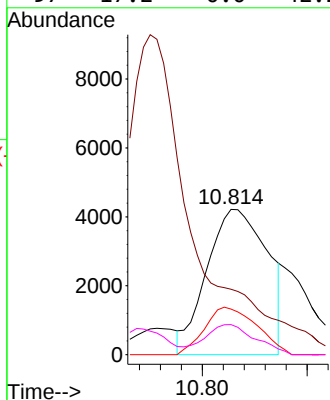
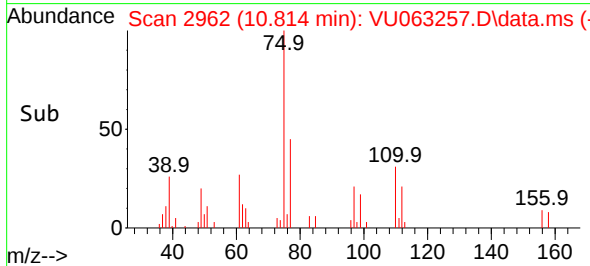
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



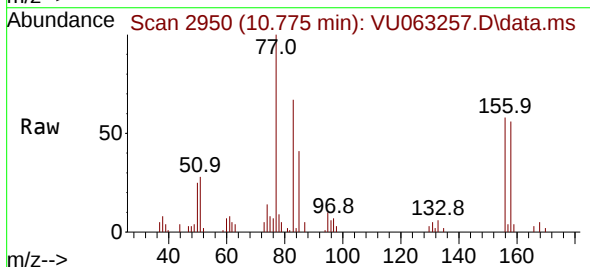
Tgt Ion: 75 Resp: 8454
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 28.2 0.0 77.0
97 17.2 0.0 42.2

Manual Integrations
APPROVED

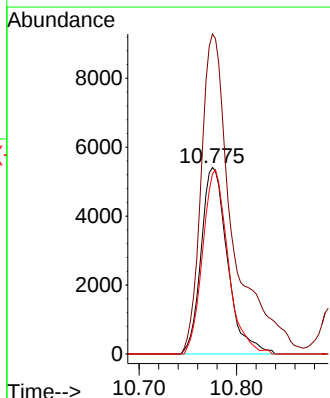
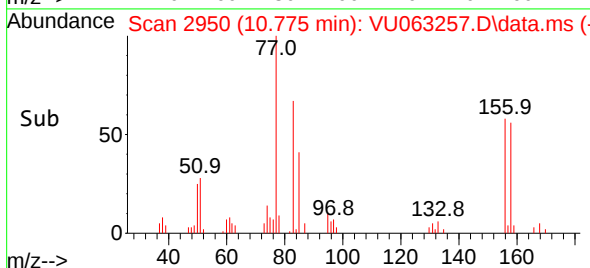
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

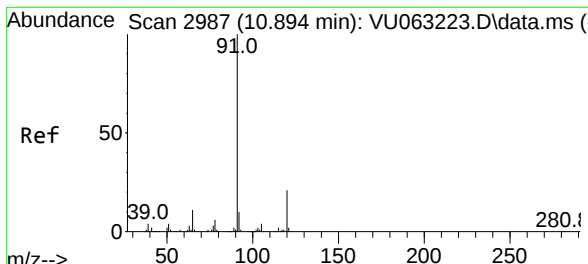


#72
Bromobenzene
Concen: 0.718 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20



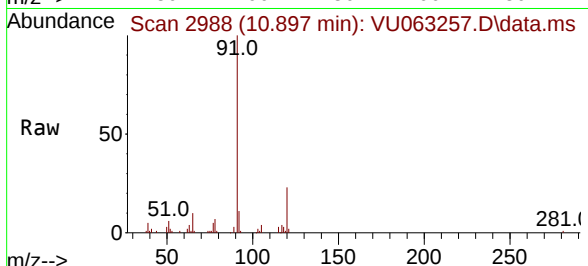
Tgt Ion:156 Resp: 10174
Ion Ratio Lower Upper
156 100
77 206.7 0.0 343.6
158 95.4 0.0 193.0





#73
n-propylbenzene
Concen: 0.660 ug/l
RT: 10.897 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

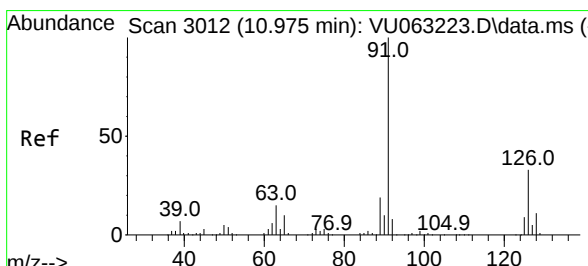
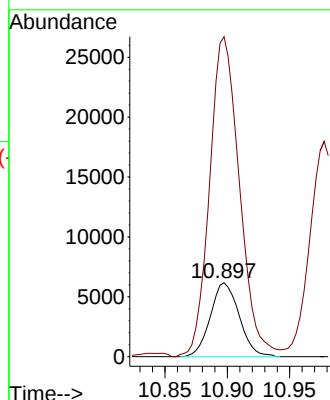
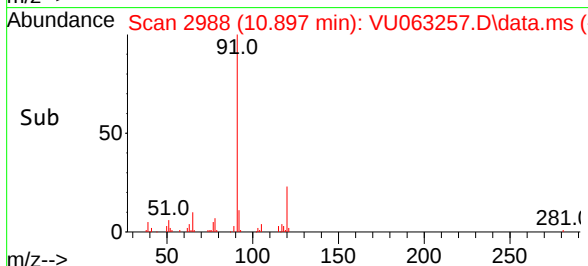
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:120 Resp: 993
Ion Ratio Lower Upper
120 100
91 448.6 369.8 554.6

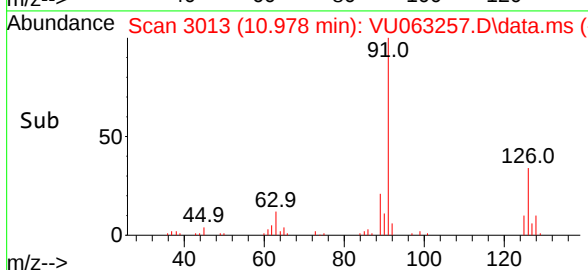
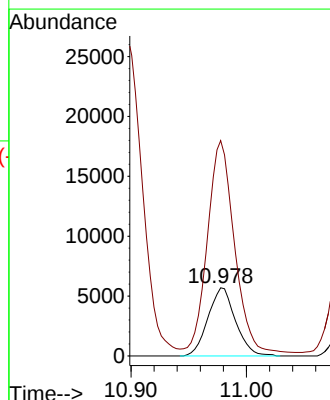
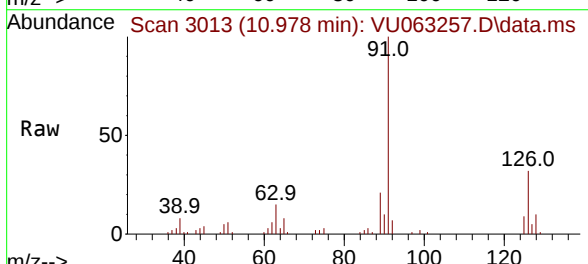
Manual Integrations
APPROVED

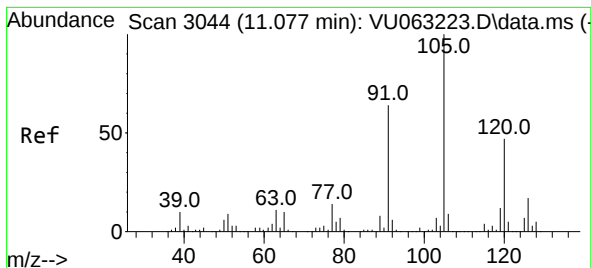
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#74
2-Chlorotoluene
Concen: 0.679 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Tgt Ion:126 Resp: 9418
Ion Ratio Lower Upper
126 100
91 314.2 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 0.602 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:105 Resp: 2933

Ion Ratio Lower Upper

105 100

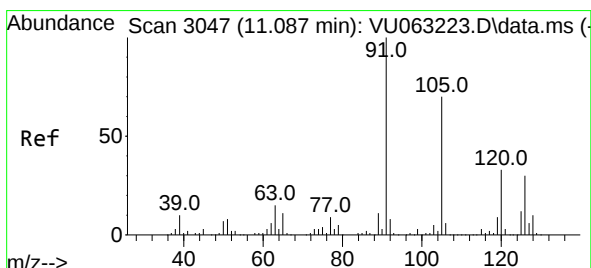
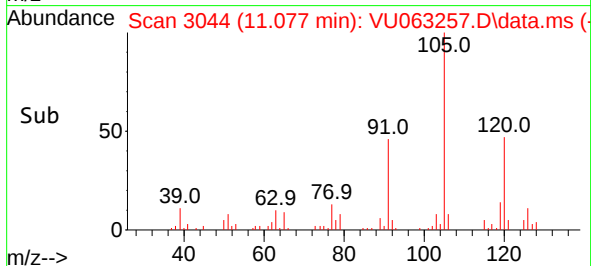
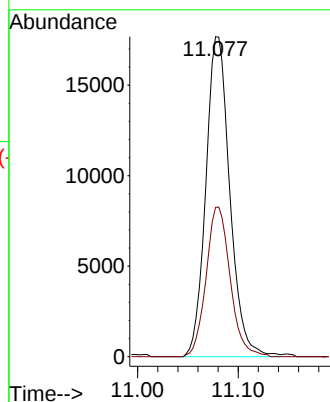
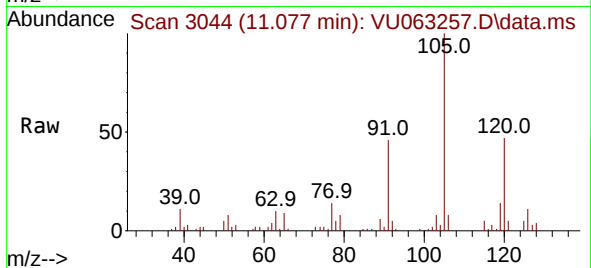
120 46.9 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#76

4-Chlorotoluene

Concen: 0.643 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VU063257.D

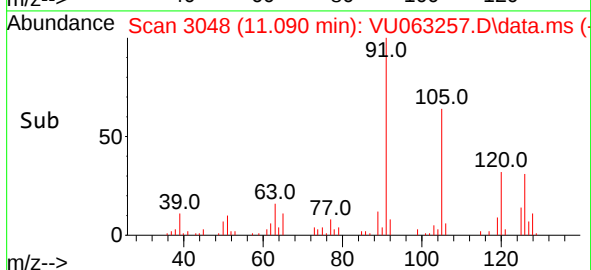
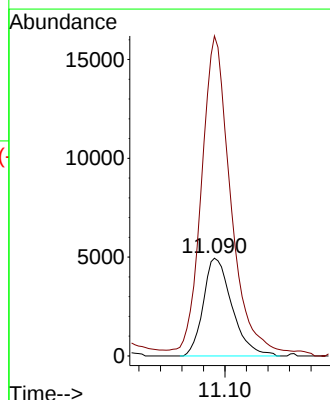
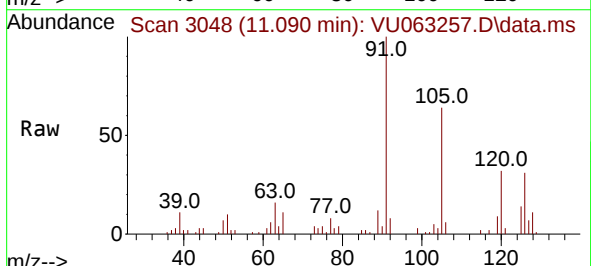
Acq: 12 Feb 2025 16:20

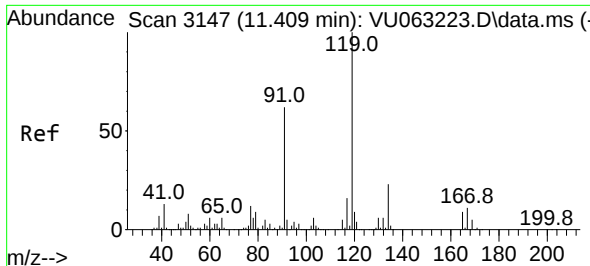
Tgt Ion:126 Resp: 9145

Ion Ratio Lower Upper

126 100

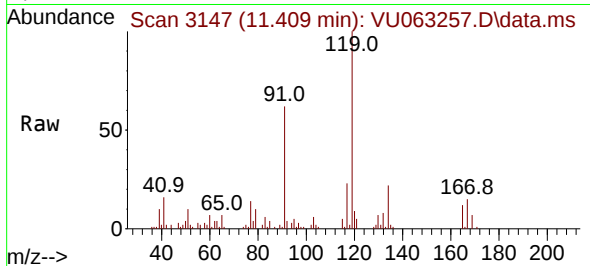
91 322.6 0.0 703.6





#77
tert-Butylbenzene
Concen: 0.658 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

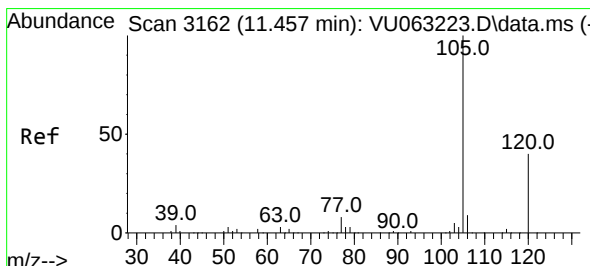
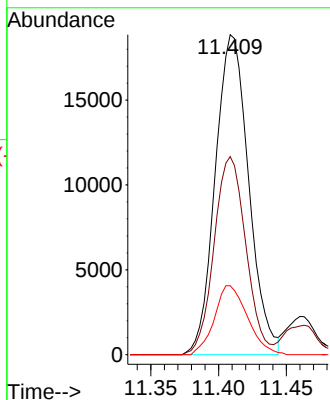
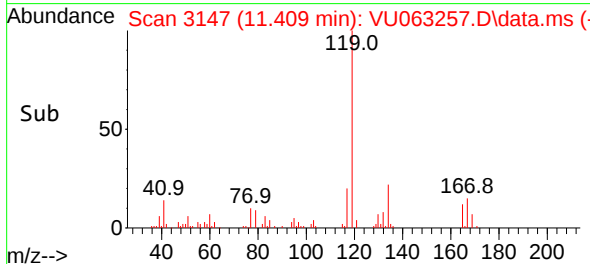
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



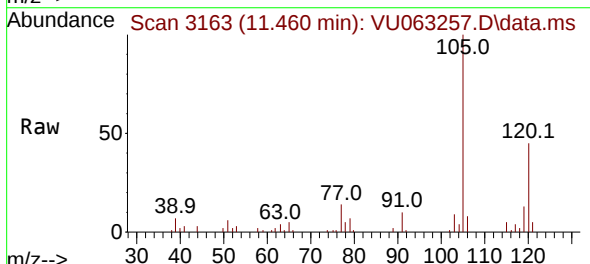
Tgt Ion:119 Resp: 3241
Ion Ratio Lower Upper
119 100
91 58.9 29.4 88.3
134 21.4 17.6 26.4

Manual Integrations
APPROVED

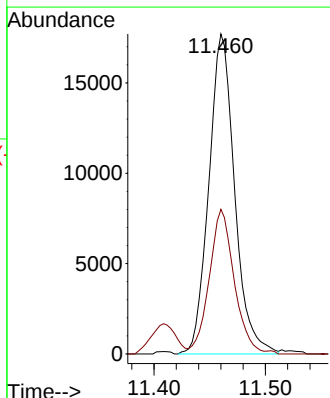
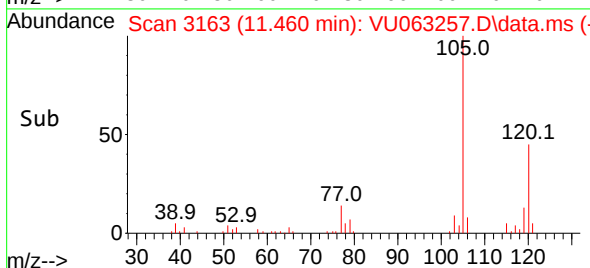
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

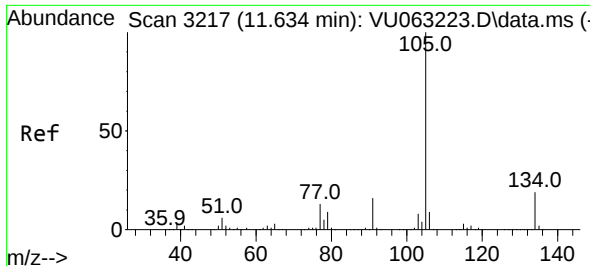


#78
1,2,4-Trimethylbenzene
Concen: 0.591 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20



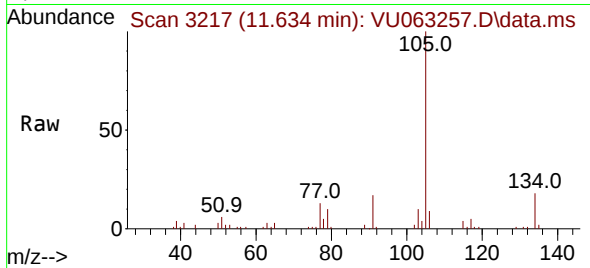
Tgt Ion:105 Resp: 28546
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.7





#79
 sec-Butylbenzene
 Concen: 0.629 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063257.D
 Acq: 12 Feb 2025 16:20

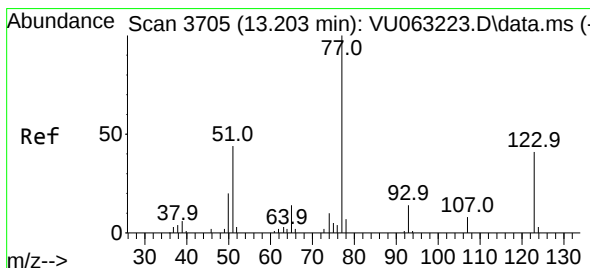
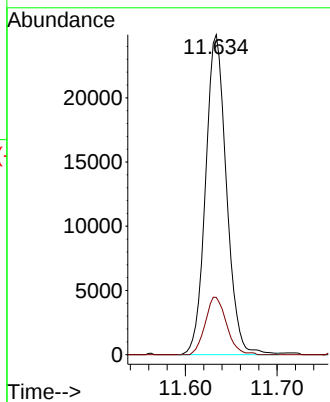
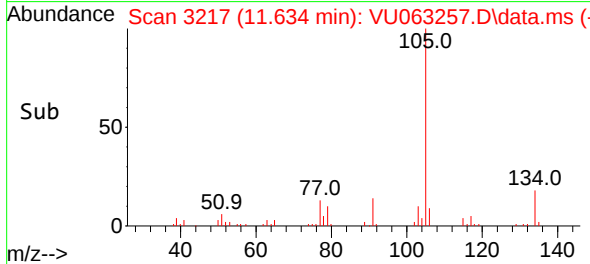
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2025



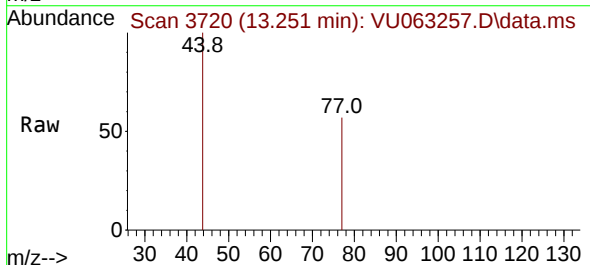
Tgt Ion:105 Resp: 3946
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.1 22.7

Manual Integrations
 APPROVED

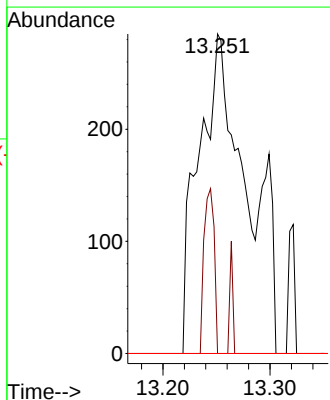
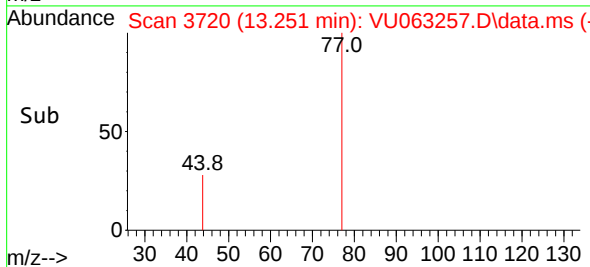
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

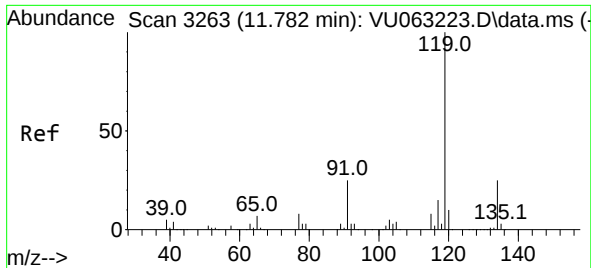


#80
 Nitrobenzene
 Concen: 2.651 ug/l m
 RT: 13.251 min Scan# 3720
 Delta R.T. 0.048 min
 Lab File: VU063257.D
 Acq: 12 Feb 2025 16:20



Tgt Ion: 77 Resp: 887
 Ion Ratio Lower Upper
 77 100
 123 10.8 18.9 67.1#
 65 0.0 11.9 15.1#





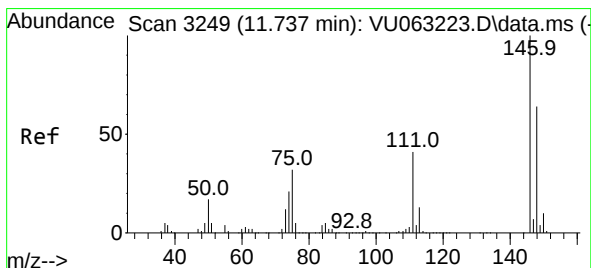
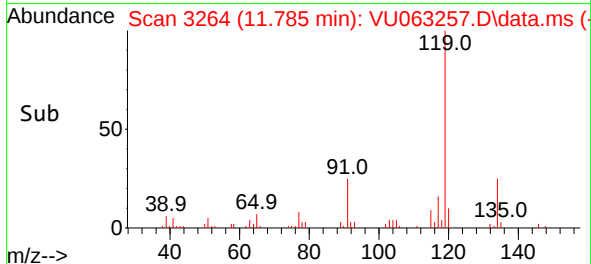
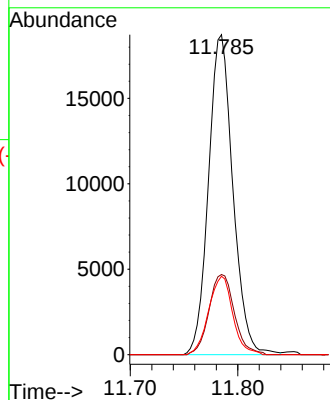
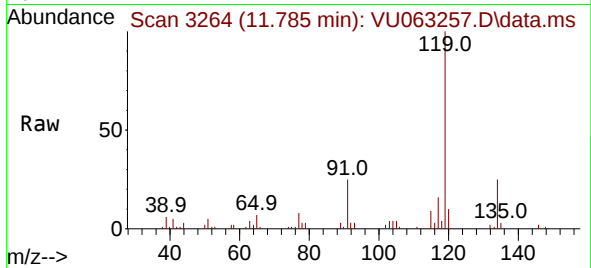
#81
p-Isopropyltoluene
Concen: 0.596 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:119 Resp: 2950
Ion Ratio Lower Upper
119 100
134 26.1 20.3 30.5
91 24.2 19.4 29.2

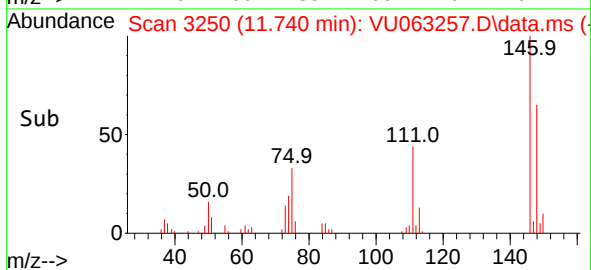
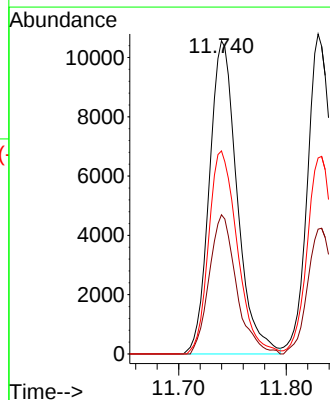
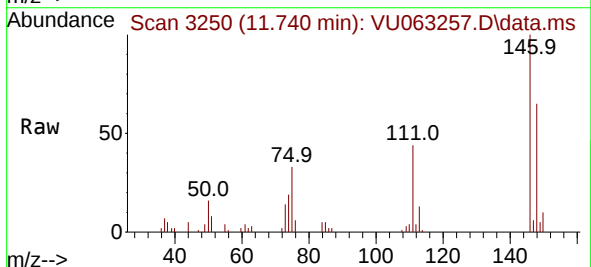
Manual Integrations
APPROVED

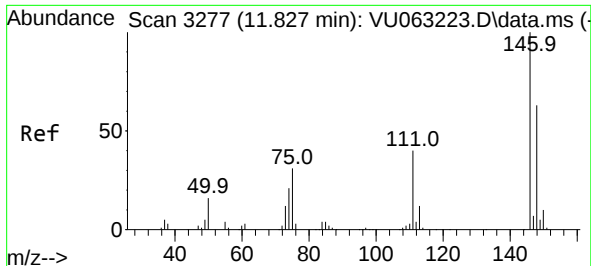
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#82
1,3-Dichlorobenzene
Concen: 0.691 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

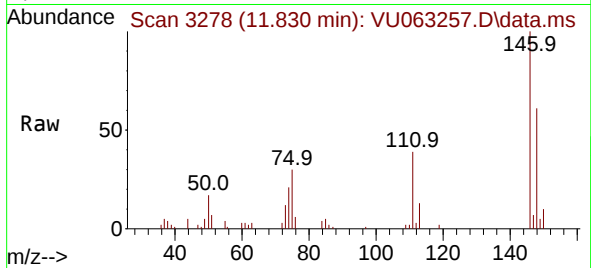
Tgt Ion:146 Resp: 18973
Ion Ratio Lower Upper
146 100
111 43.5 32.8 49.2
148 67.0 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 0.678 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

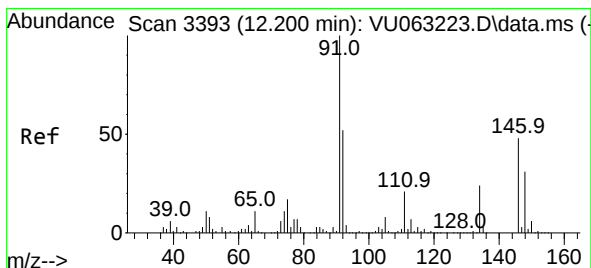
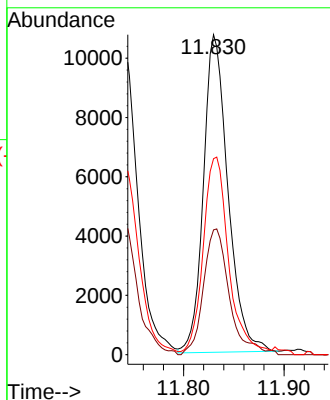
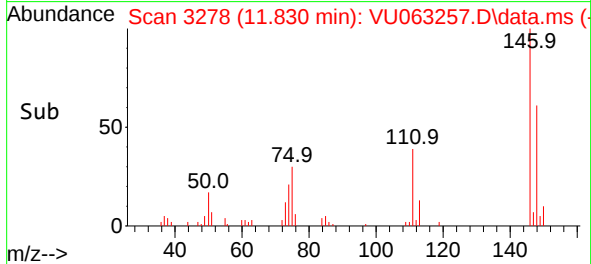
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



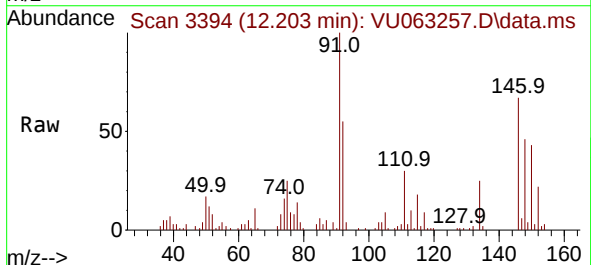
Tgt Ion:146 Resp: 1821
Ion Ratio Lower Upper
146 100
111 41.7 32.1 48.1
148 62.4 50.2 75.4

Manual Integrations
APPROVED

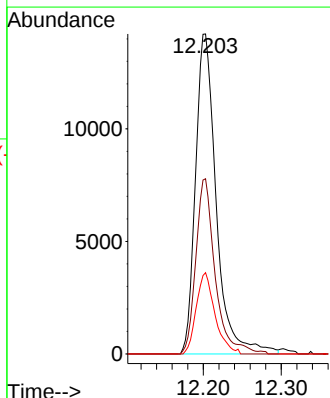
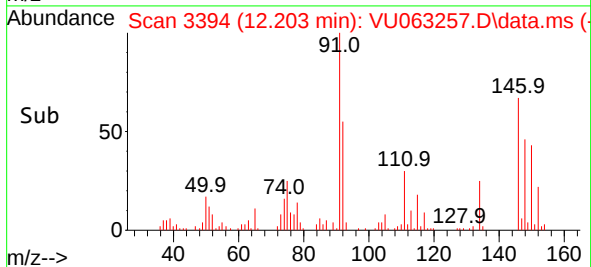
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

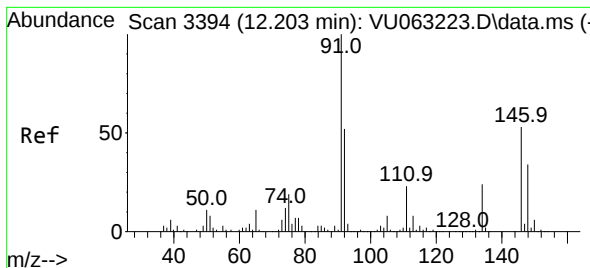


#84
n-Butylbenzene
Concen: 0.591 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20



Tgt Ion: 91 Resp: 26243
Ion Ratio Lower Upper
91 100
92 51.1 41.8 62.8
134 22.9 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 0.698 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

ClientSampleId :

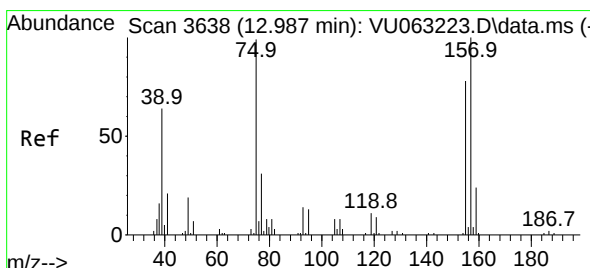
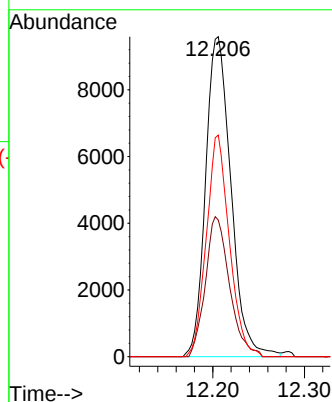
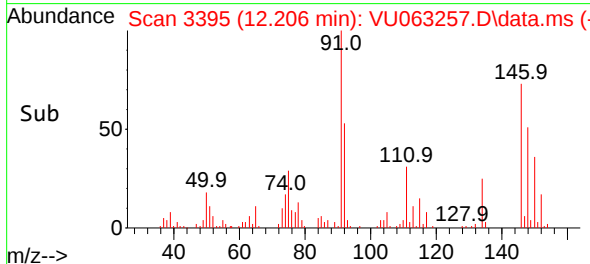
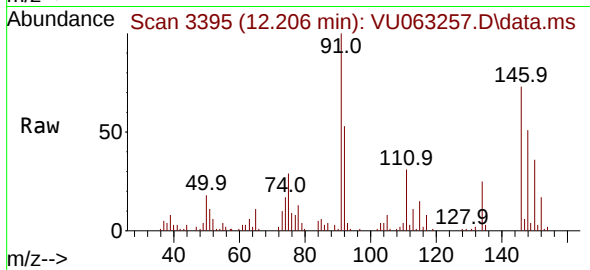
MDL-WATER-03-QT1-2025

Tgt Ion:	146	Resp:	18429
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.9	65.7
148	62.9	32.3	96.9

Manual Integrations

APPROVED

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



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.610 ug/l

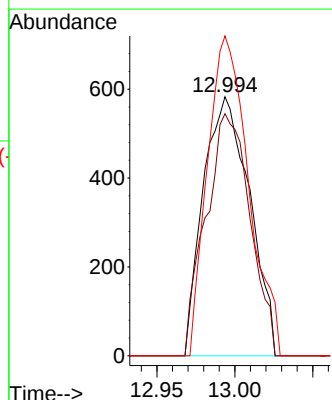
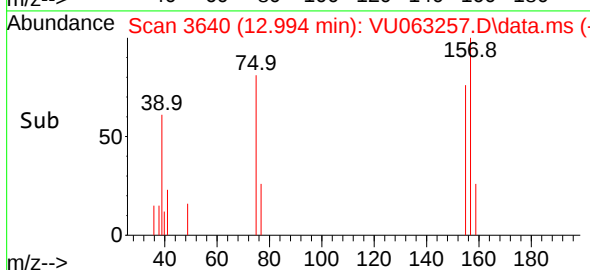
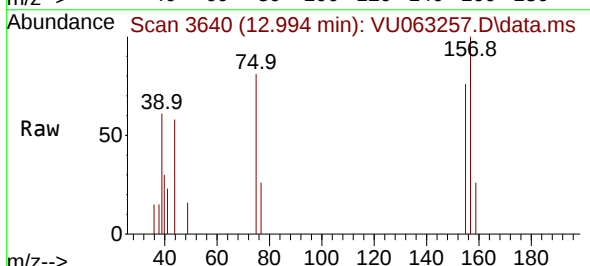
RT: 12.994 min Scan# 3640

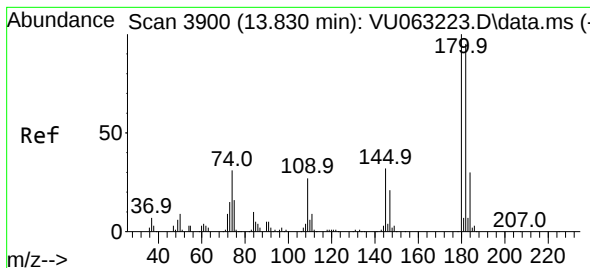
Delta R.T. 0.006 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Tgt Ion:	75	Resp:	1204
Ion Ratio	Lower	Upper	
75	100		
155	89.4	63.5	95.3
157	109.9	81.8	122.6





#87

1,2,4-Trichlorobenzene

Concen: 0.609 ug/l

RT: 13.839 min Scan# 3900

Delta R.T. 0.010 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

Instrument :

MSVOA_U

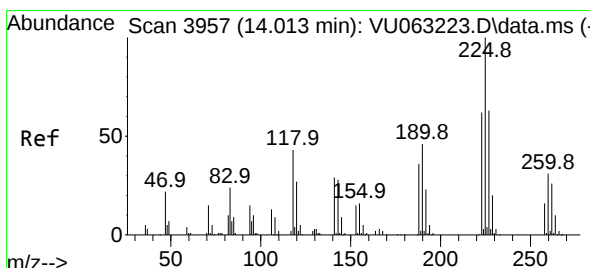
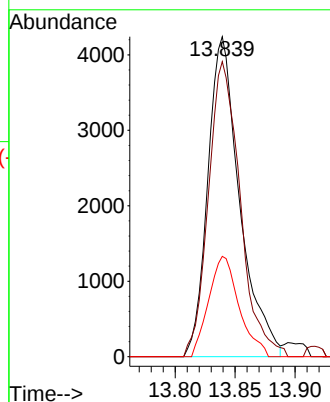
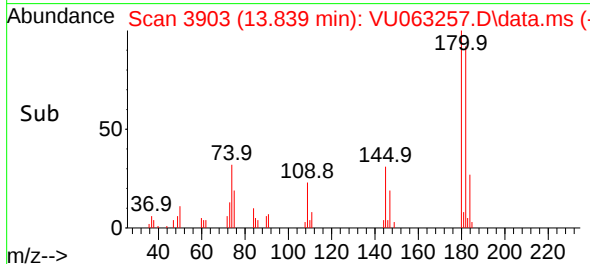
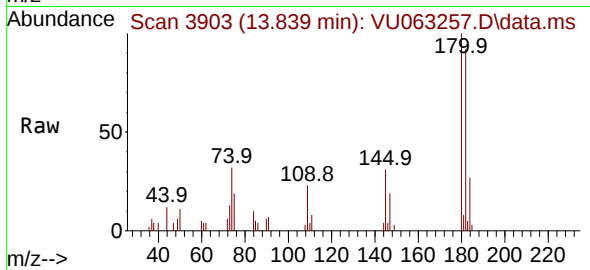
ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:180	Resp:	783
Ion Ratio	Lower	Upper
180	100	
182	91.9	76.6 115.0
145	29.9	25.4 38.2

Manual Integrations
APPROVED

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



#88

Hexachlorobutadiene

Concen: 0.759 ug/l

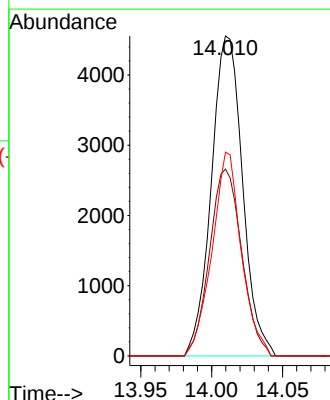
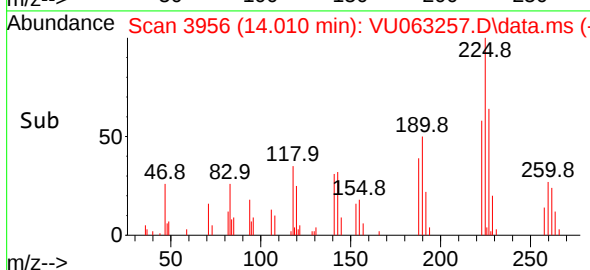
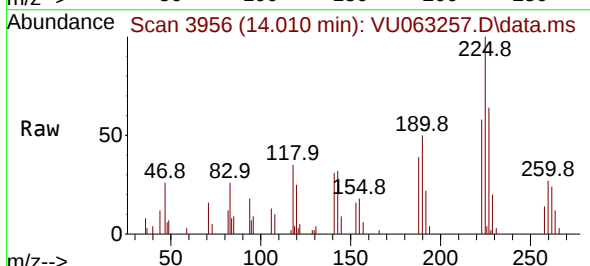
RT: 14.010 min Scan# 3956

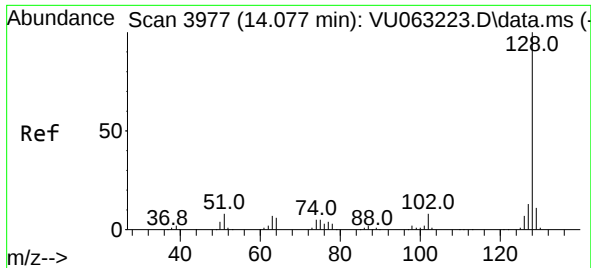
Delta R.T. -0.003 min

Lab File: VU063257.D

Acq: 12 Feb 2025 16:20

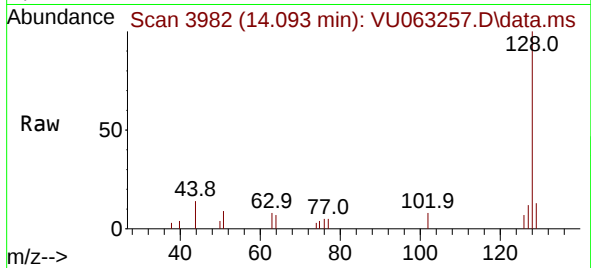
Tgt Ion:225	Resp:	6982
Ion Ratio	Lower	Upper
225	100	
223	60.3	49.5 74.3
227	59.8	51.0 76.4





#89
Naphthalene
Concen: 0.514 ug/l m
RT: 14.093 min Scan# 3977
Delta R.T. 0.016 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20

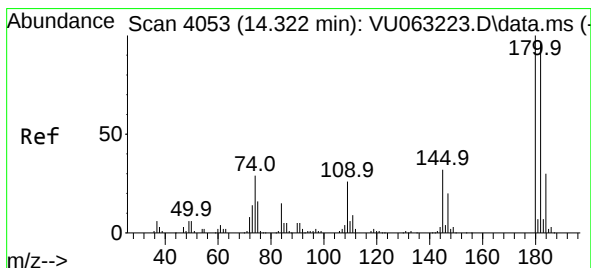
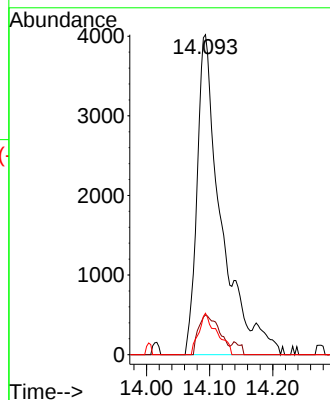
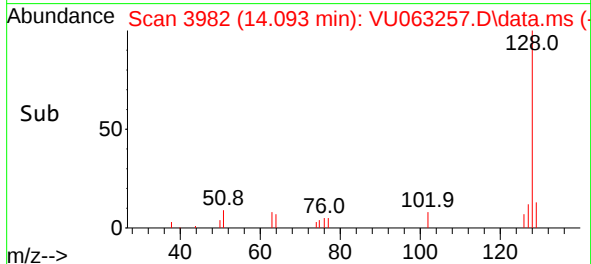
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



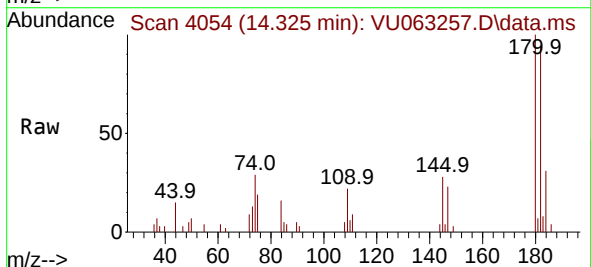
Tgt Ion:128 Resp: 1065
Ion Ratio Lower Upper
128 100
127 10.8 10.6 16.0
129 9.7 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 0.595 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063257.D
Acq: 12 Feb 2025 16:20



Tgt Ion:180 Resp: 7491
Ion Ratio Lower Upper
180 100
182 95.6 78.2 117.2
145 30.2 26.1 39.1

