

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063256.D
 Acq On : 12 Feb 2025 15:55
 Operator : MD/SY
 Sample : Q1168-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 13 03:49:31 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	45990	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13548	0.893	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14191	0.900	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	6129	0.410	ug/l	96
3) Chloromethane	1.518	50	7403	0.430	ug/l	100
4) Vinyl Chloride	1.599	62	7277	0.427	ug/l	100
5) Bromomethane	1.846	94	3989	0.479	ug/l	98
6) Chloroethane	1.923	64	4608	0.430	ug/l	95
7) Trichlorofluoromethane	2.129	101	8710	0.432	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	5168	0.451	ug/l	96
9) 1,1-Dichloroethene	2.570	96	4985	0.427	ug/l	92
10) Iodomethane	2.711	142	6895	0.376	ug/l	99
11) Allyl Chloride	2.914	41	6752	0.403	ug/l	98
12) Acrylonitrile	3.335	53	1783m	0.663	ug/l	
13) Acetone	2.618	43	4495	2.172	ug/l	98
14) Carbon Disulfide	2.782	76	17077	0.419	ug/l	99
15) Methylene Chloride	3.033	84	6484	0.450	ug/l	94
16) trans-1,2-Dichloroethene	3.345	96	5282	0.397	ug/l	90
17) 1,1-Dichloroethane	3.859	63	10127	0.403	ug/l	98
18) 2-Butanone	4.734	43	6633m	2.014	ug/l	
19) Cyclohexane	5.377	56	7481m	0.371	ug/l	
20) Methylcyclohexane	6.750	83	7051	0.353	ug/l	88
21) 2,2-Dichloropropane	4.653	77	8088	0.413	ug/l	96
22) cis-1,2-Dichloroethene	4.663	96	5788	0.402	ug/l	99
23) Diethyl Ether	2.367	59	4108	0.410	ug/l	89
24) tert-Butyl Alcohol	3.171	59	9421	7.736	ug/l #	79
25) Methyl tert-Butyl Ether	3.351	73	11958	0.410	ug/l	98
26) Bromochloromethane	4.962	128	2522	0.401	ug/l	98
27) Chloroform	5.078	83	10551	0.417	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	8496	0.414	ug/l	97
29) 1,1-Dichloropropene	5.521	75	7018	0.382	ug/l	97
30) Carbon Tetrachloride	5.512	117	6952	0.395	ug/l	90
31) Isopropyl Ether	3.981	45	13183	0.368	ug/l	91
32) Ethyl-t-butyl ether	4.486	59	11750	0.361	ug/l	97
33) Tert-Amyl methyl ether	5.930	73	9538m	0.335	ug/l	
34) Propionitrile	4.808	54	1832m	1.844	ug/l	
35) Benzene	5.769	78	21625	0.383	ug/l	94
36) 1,2-Dichloroethane	5.788	62	6347	0.389	ug/l	99
37) Trichloroethene	6.537	130	5066	0.377	ug/l	80
38) 1,2-Dichloropropane	6.785	63	5742	0.388	ug/l	95
39) Methacrylonitrile	5.004	41	1068m	0.289	ug/l	
40) Methyl acrylate	4.888	55	1721m	0.252	ug/l	
41) Tetrahydrofuran	5.055	42	1940m	0.901	ug/l	
42) 1-Chlorobutane	5.451	56	9174	0.365	ug/l	93
43) Dibromomethane	6.910	93	3058	0.408	ug/l	94
44) Bromodichloromethane	7.097	83	7282	0.418	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	13187	1.679	ug/l	94
46) t-1,4-Dichloro-2-butene	10.830	75	2223m	0.602	ug/l	
47) Methyl methacrylate	6.962	69	3973	0.630	ug/l	95
48) Ethyl methacrylate	8.335	69	3647	0.308	ug/l	96
49) Toluene	7.965	92	11563	0.356	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	5726	0.359	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	7161	0.363	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	4074	0.403	ug/l #	90
53) 1,3-Dichloropropane	8.566	76	7306	0.408	ug/l	93
54) 2-Hexanone	8.685	43	8575m	1.600	ug/l	
55) Dibromochloromethane	8.801	129	4514	0.389	ug/l	99
56) 1,2-Dibromoethane	8.920	107	3854	0.407	ug/l	84
58) Tetrachloroethene	8.547	164	4498	0.406	ug/l #	92
59) Chlorobenzene	9.444	112	13046	0.380	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.521	131	4936	0.400	ug/l	98
61) Pentachloroethane	11.415	117	4371	0.397	ug/l	94
62) Hexachloroethane	12.463	117	3474	0.357	ug/l	95
63) Ethyl Benzene	9.563	91	19315	0.327	ug/l	96
64) m/p-Xylenes	9.688	106	13584	0.615	ug/l	96
65) o-Xylene	10.094	106	6536	0.302	ug/l	94
66) Styrene	10.110	104	9785	0.284	ug/l	98
67) Bromoform	10.287	173	2365	0.359	ug/l #	94
69) Isopropylbenzene	10.476	105	16515	0.325	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	5219	0.383	ug/l #	96
71) 1,2,3-Trichloropropane	10.817	75	3659m	0.358	ug/l	
72) Bromobenzene	10.775	156	4863	0.355	ug/l	88
73) n-propylbenzene	10.901	120	4372	0.300	ug/l	86
74) 2-Chlorotoluene	10.981	126	4612	0.344	ug/l	90
75) 1,3,5-Trimethylbenzene	11.081	105	12904	0.274	ug/l	94
76) 4-Chlorotoluene	11.094	126	4229	0.307	ug/l	93
77) tert-Butylbenzene	11.409	119	14542	0.305	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	12207	0.261	ug/l	91
79) sec-Butylbenzene	11.634	105	17810	0.294	ug/l	98
81) p-Isopropyltoluene	11.785	119	13443	0.281	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	8963	0.337	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	9115	0.351	ug/l	97
84) n-Butylbenzene	12.206	91	11817	0.275	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	9181	0.360	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.994	75	520m	0.272	ug/l	
87) 1,2,4-Trichlorobenzene	13.843	180	3511	0.282	ug/l	96
88) Hexachlorobutadiene	14.013	225	3638	0.409	ug/l	96
89) Naphthalene	14.103	128	5241m	0.261	ug/l	
90) 1,2,3-Trichlorobenzene	14.331	180	3393	0.278	ug/l	98

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

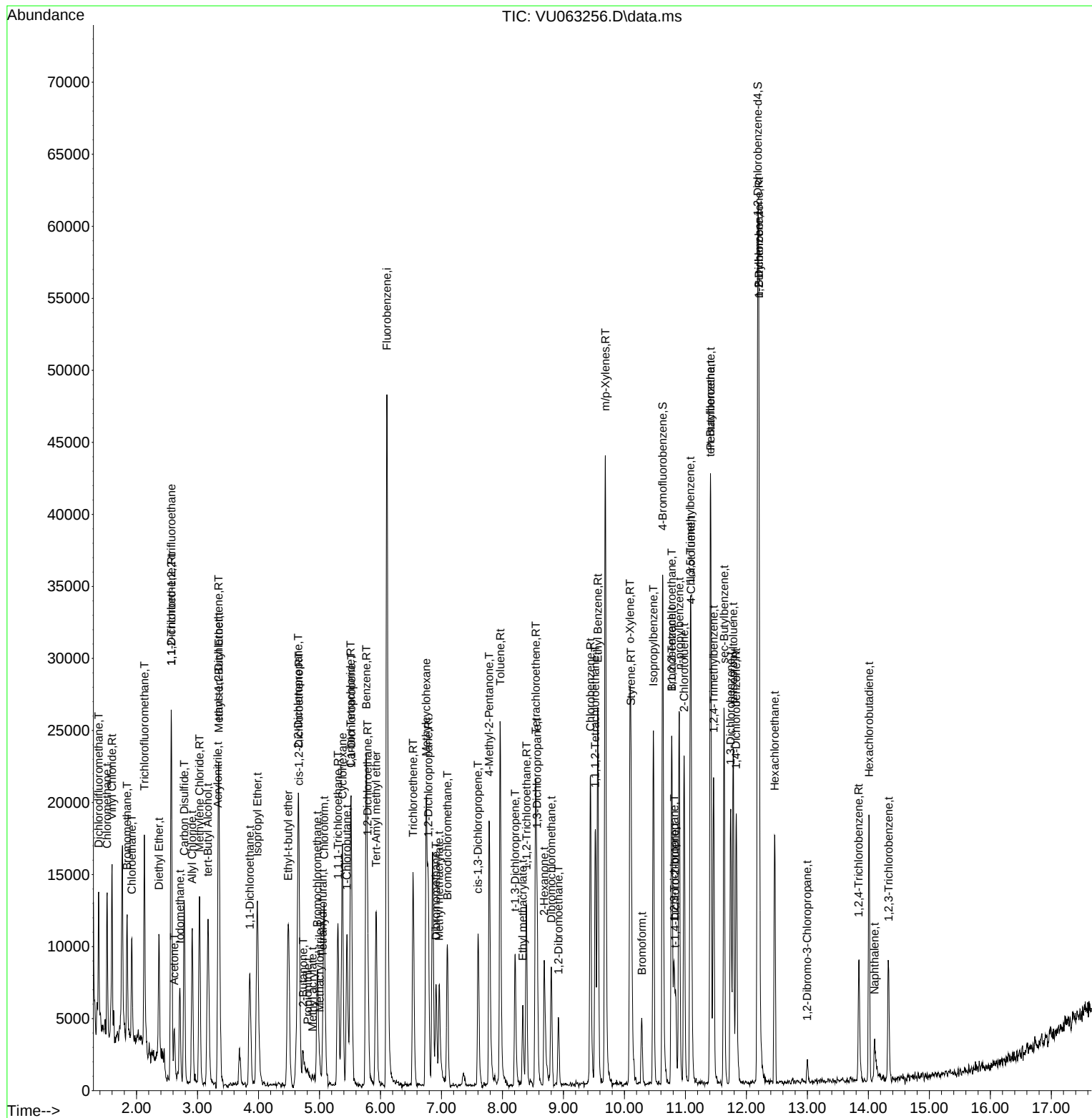
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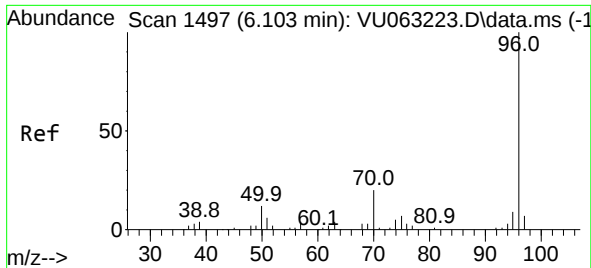
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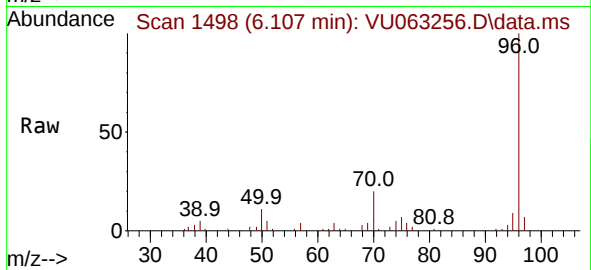
Reviewed By : Semsettin Yesilyurt 02/17/2025
 Supervised By : Mahesh Dadoda 02/17/2025





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

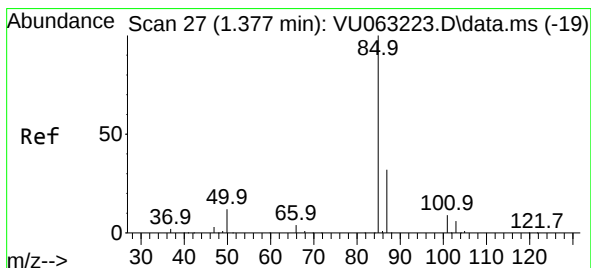
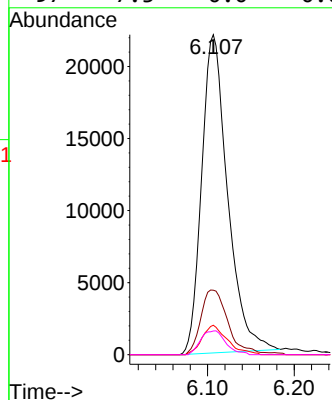
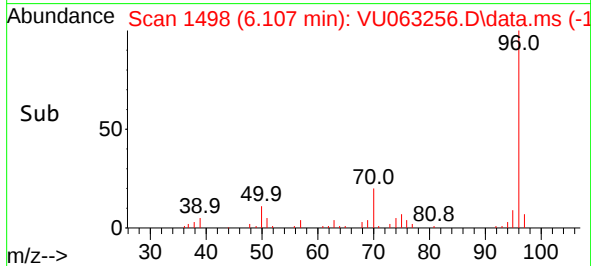
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 96 Resp: 45990
Ion Ratio Lower Upper
96 100
70 21.5 15.6 23.4
95 9.0 7.3 10.9
97 7.3 0.0 0.0#

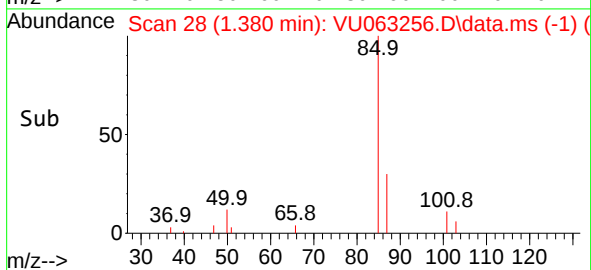
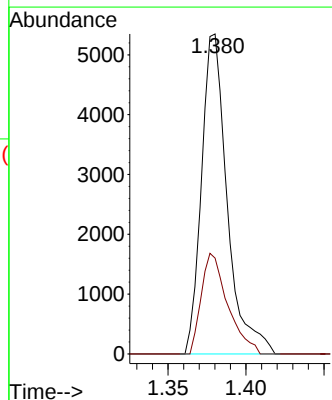
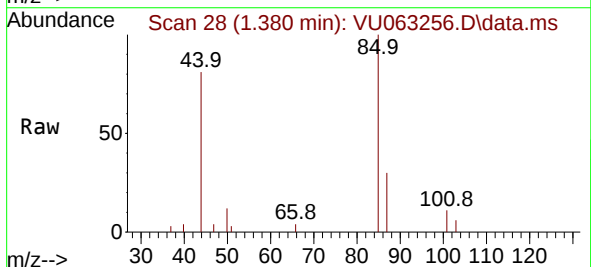
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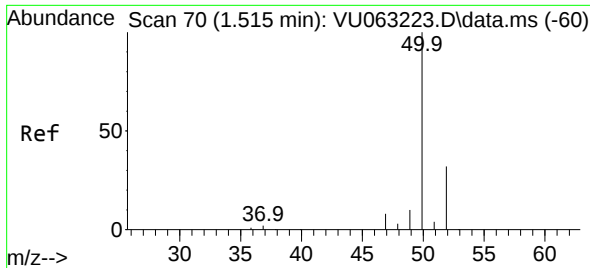
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Supervised By :Mahesh Dadoda 02/17/2025



#2
Dichlorodifluoromethane
Concen: 0.410 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

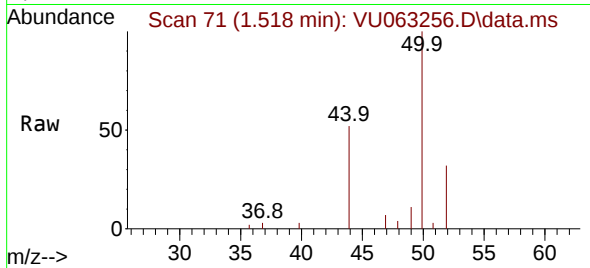
Tgt Ion: 85 Resp: 6129
Ion Ratio Lower Upper
85 100
87 29.9 16.0 48.0





#3
Chloromethane
Concen: 0.430 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

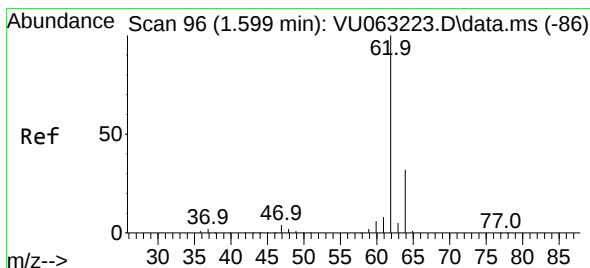
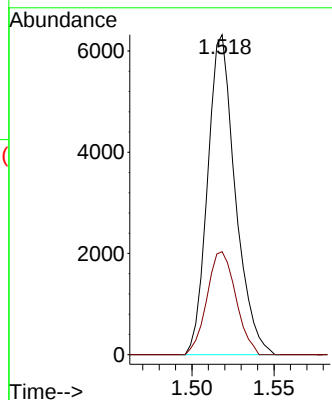
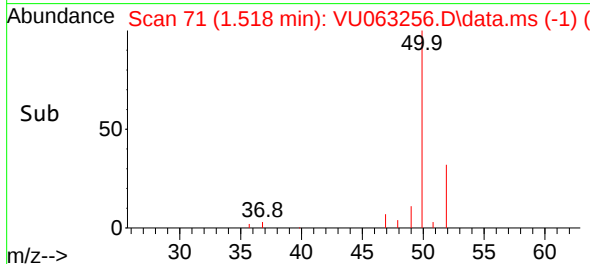
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 50 Resp: 740
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.8

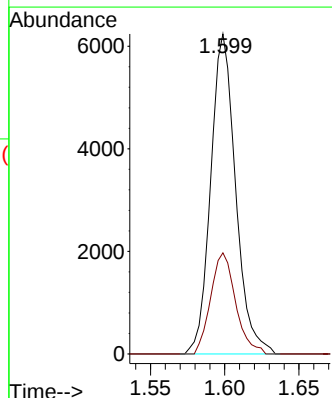
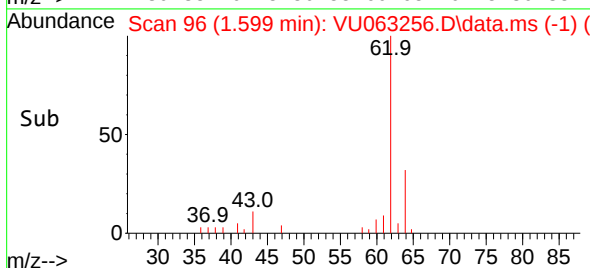
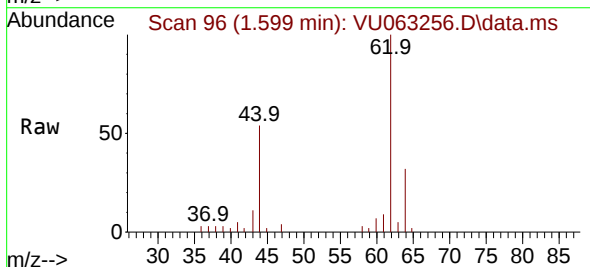
Manual Integrations
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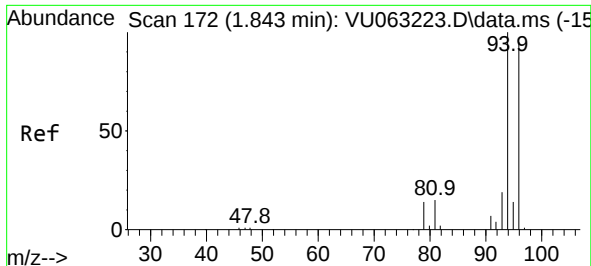
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#4
Vinyl Chloride
Concen: 0.427 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

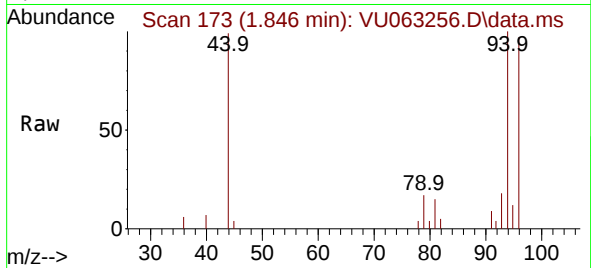
Tgt Ion: 62 Resp: 7277
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 0.479 ug/l
RT: 1.846 min Scan# 173
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

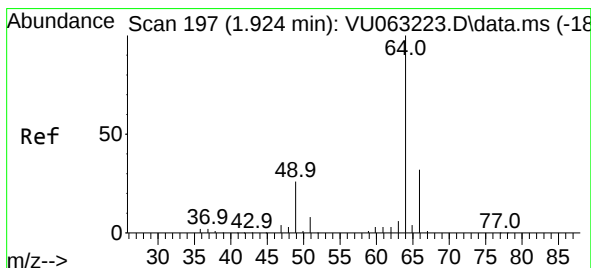
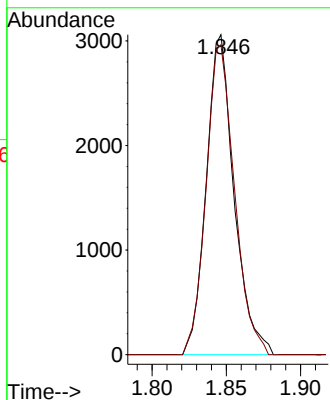
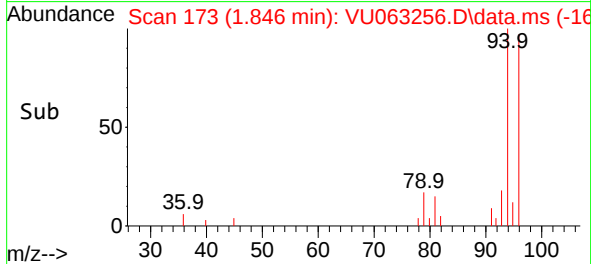
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MSVOA_U
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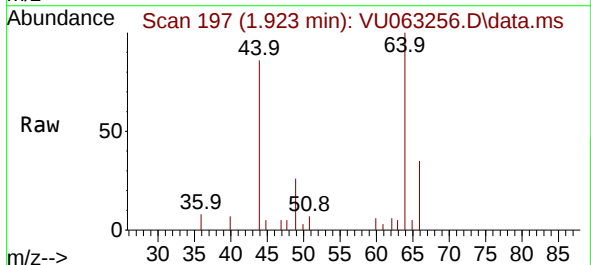
Tgt Ion: 94 Resp: 3989
Ion Ratio Lower Upper
94 100
96 96.9 75.7 113.5

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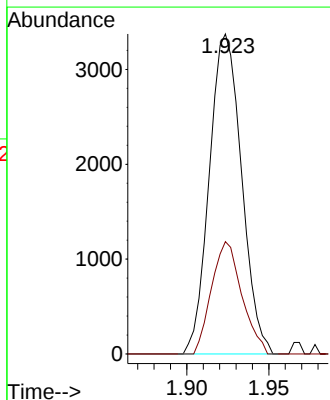
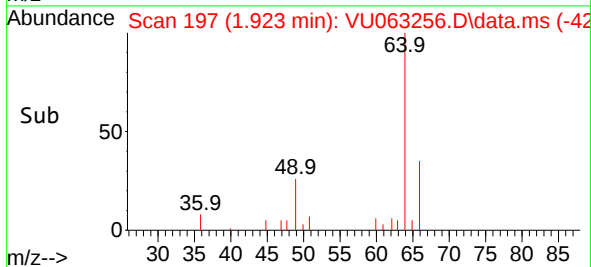
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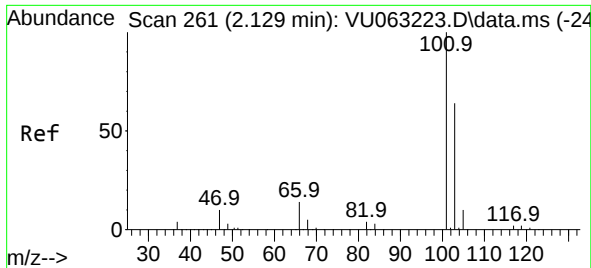


#6
Chloroethane
Concen: 0.430 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



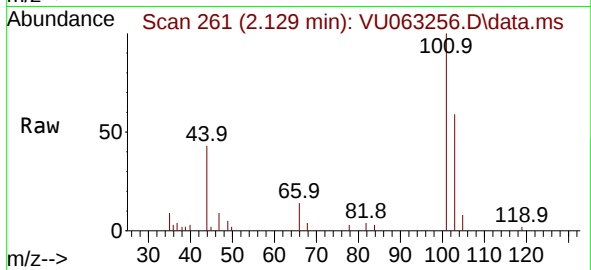
Tgt Ion: 64 Resp: 4608
Ion Ratio Lower Upper
64 100
66 35.1 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.432 ug/l
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU063256.D
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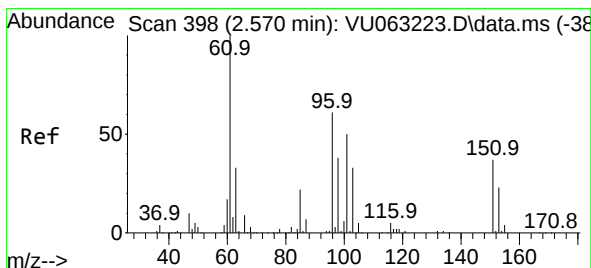
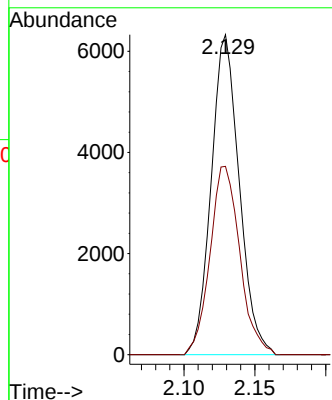
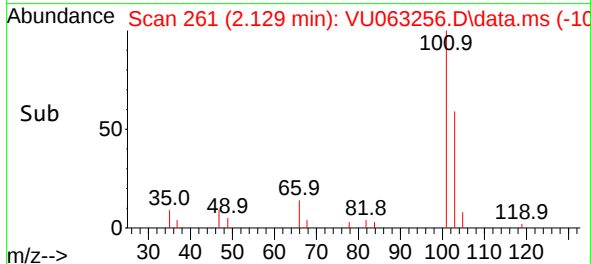
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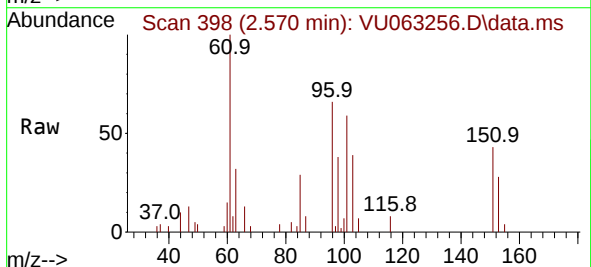
Tgt Ion:101 Resp: 8710
Ion Ratio Lower Upper
101 100
103 58.9 51.4 77.2

Manual Integrations
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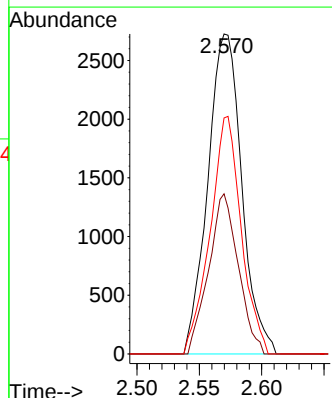
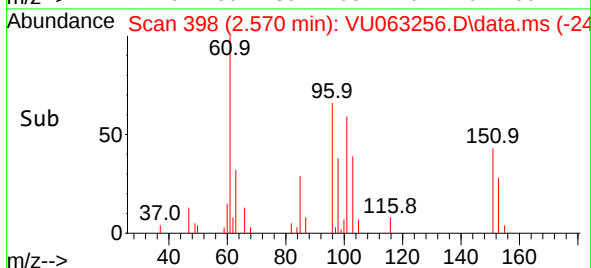
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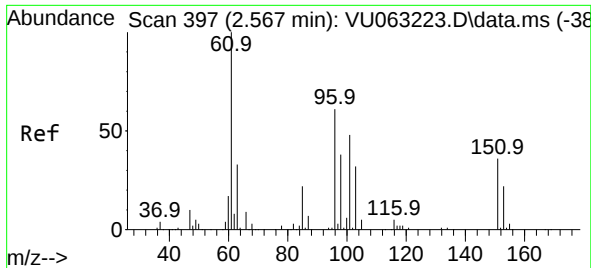


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.451 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



Tgt Ion:101 Resp: 5168
Ion Ratio Lower Upper
101 100
85 43.8 35.4 53.0
151 68.0 58.5 87.7





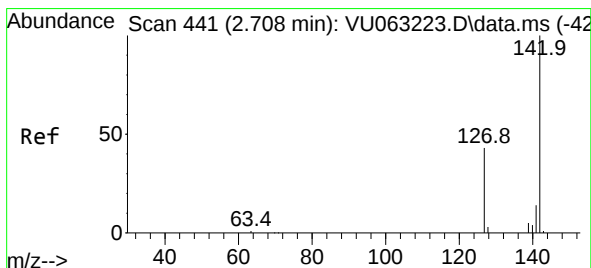
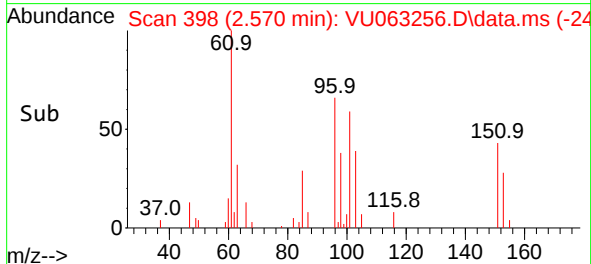
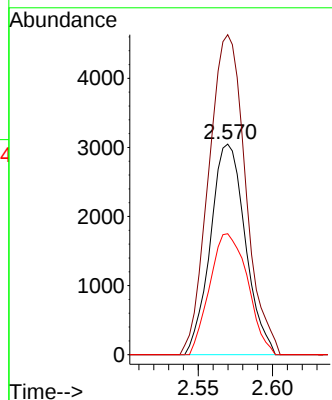
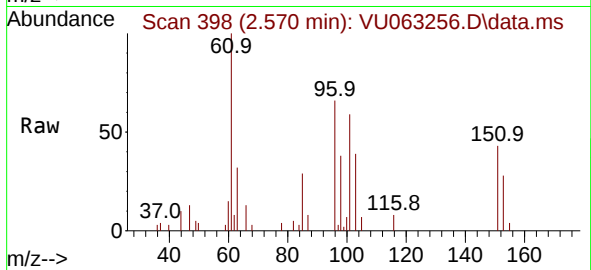
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1,1-Dichloroethene
Concen: 0.427 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion: 96 Resp: 4985
Ion Ratio Lower Upper
96 100
61 152.0 0.0 492.9
98 57.4 0.0 124.0

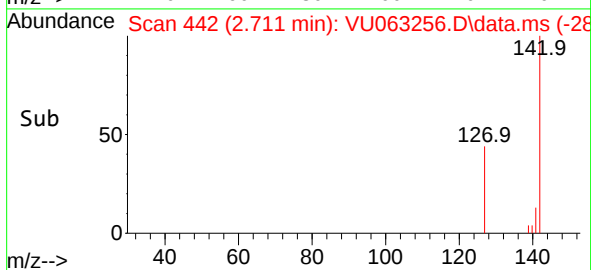
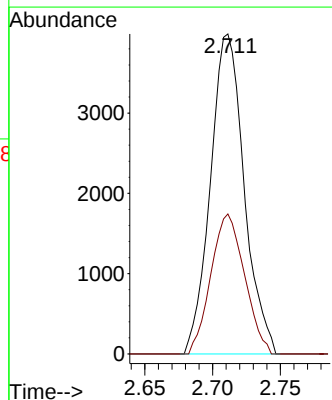
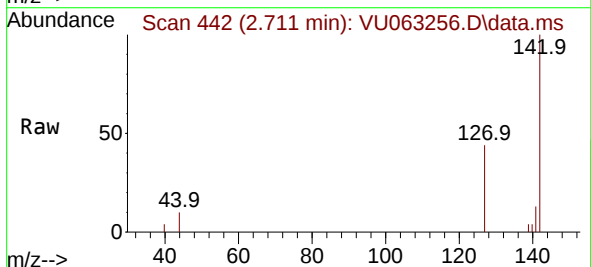
Manual Integrations
APPROVED

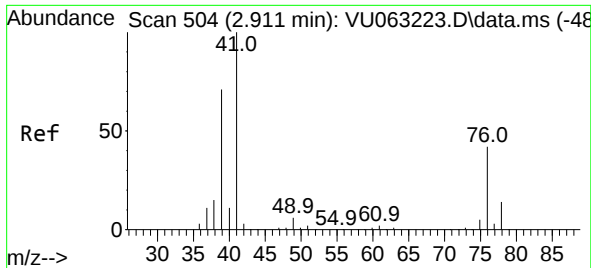
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#10
Iodomethane
Concen: 0.376 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:142 Resp: 6895
Ion Ratio Lower Upper
142 100
127 43.6 34.5 51.7





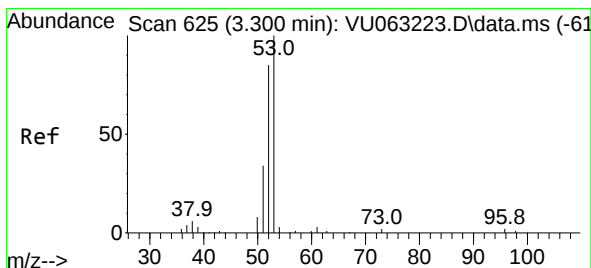
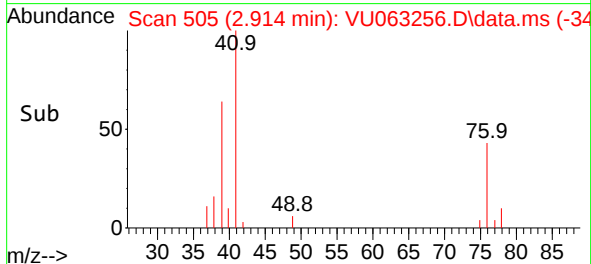
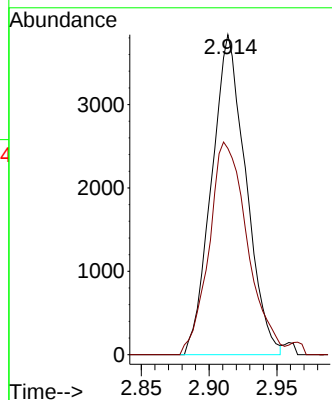
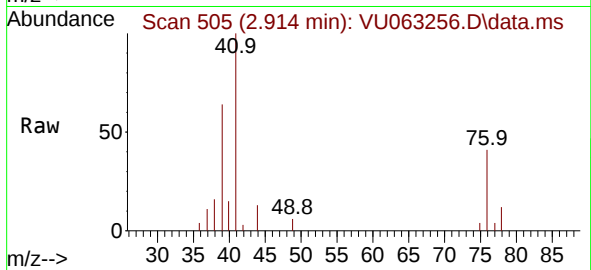
#11
 Allyl Chloride
 Concen: 0.403 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

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

Tgt Ion: 41 Resp: 6752
 Ion Ratio Lower Upper
 41 100
 39 74.3 57.9 86.9

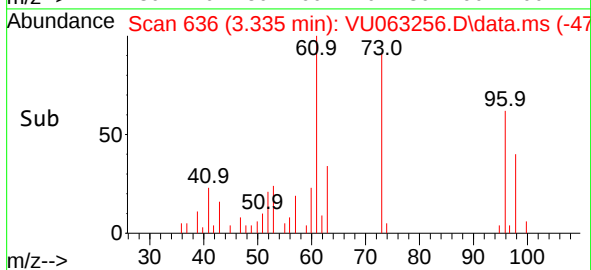
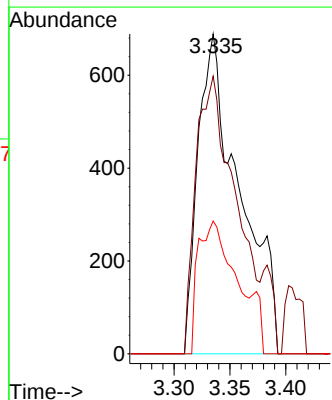
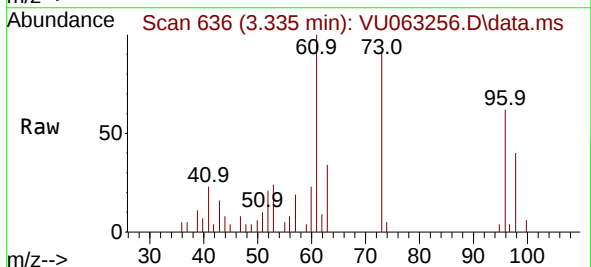
Manual Integrations
 APPROVED

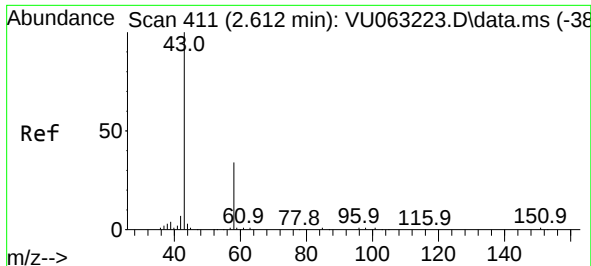
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#12
 Acrylonitrile
 Concen: 0.663 ug/l m
 RT: 3.335 min Scan# 636
 Delta R.T. 0.035 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

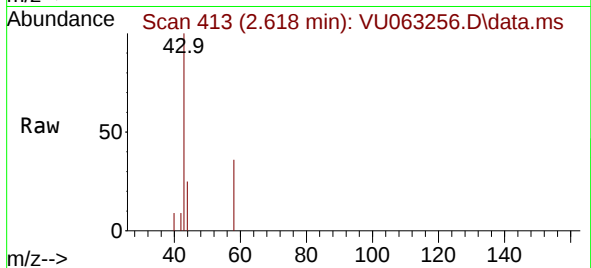
Tgt Ion: 53 Resp: 1783
 Ion Ratio Lower Upper
 53 100
 52 83.0 64.2 96.2
 51 35.6 30.8 46.2





#13
Acetone
Concen: 2.172 ug/l
RT: 2.618 min Scan# 411
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

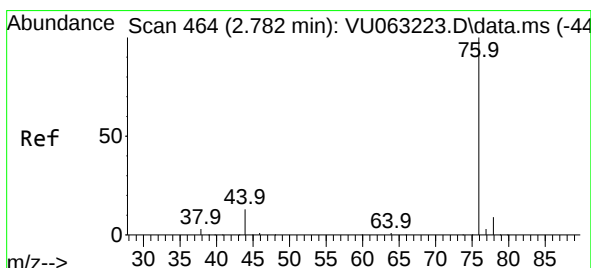
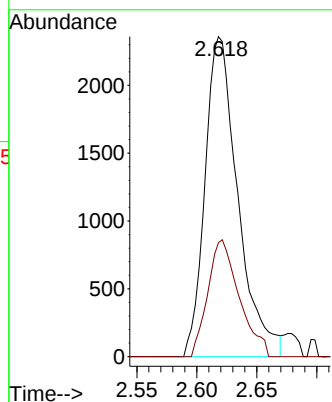
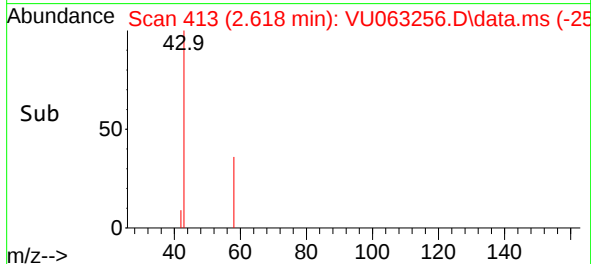
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
58 35.6 27.4 41.0

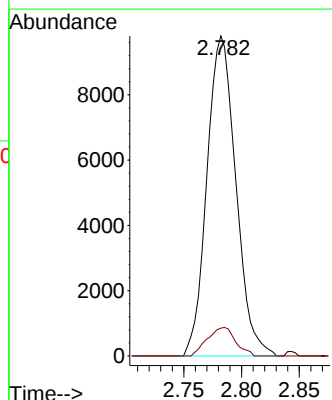
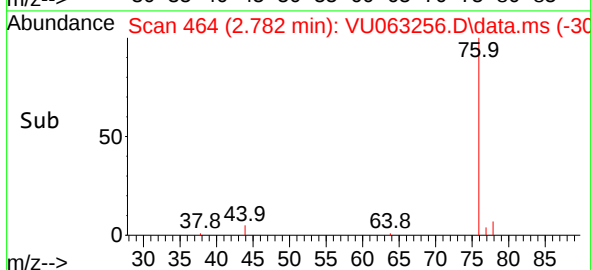
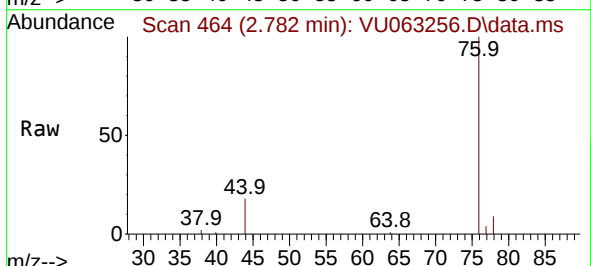
Manual Integrations
APPROVED

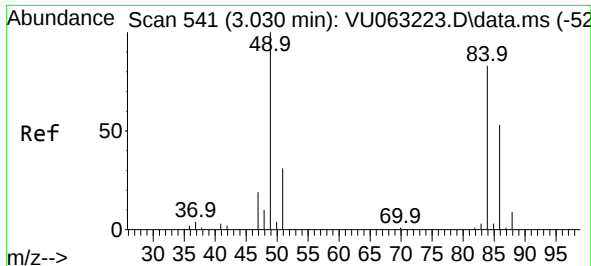
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#14
Carbon Disulfide
Concen: 0.419 ug/l
RT: 2.782 min Scan# 464
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

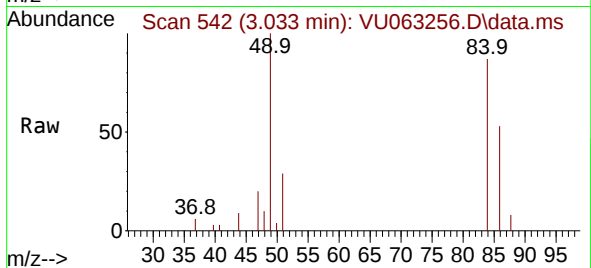
Tgt Ion: 76 Resp: 17077
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8





#15
Methylene Chloride
Concen: 0.450 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

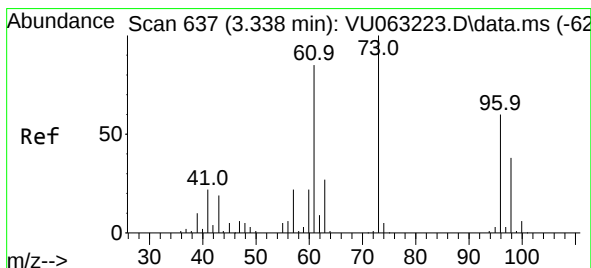
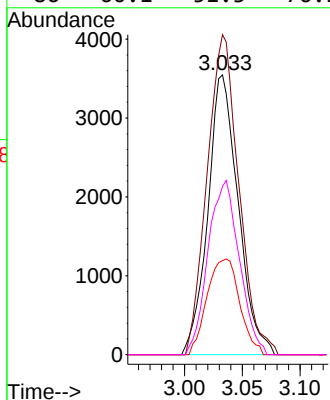
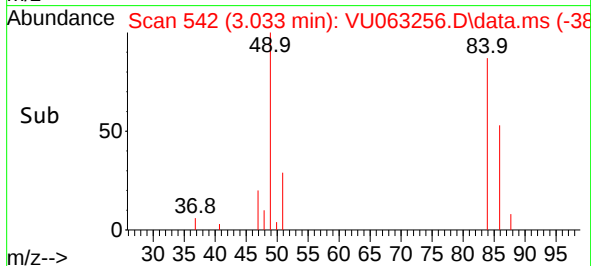
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 84 Resp: 6484
Ion Ratio Lower Upper
84 100
49 114.3 96.4 144.6
51 33.6 0.0 74.8
86 60.1 51.3 76.9

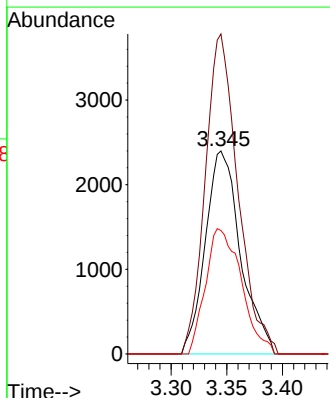
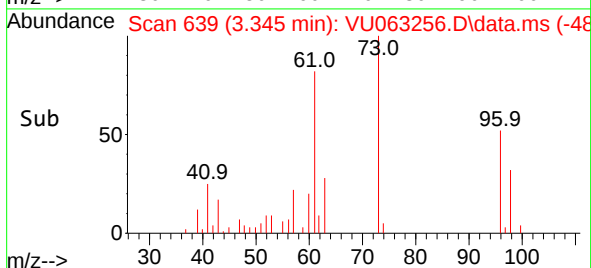
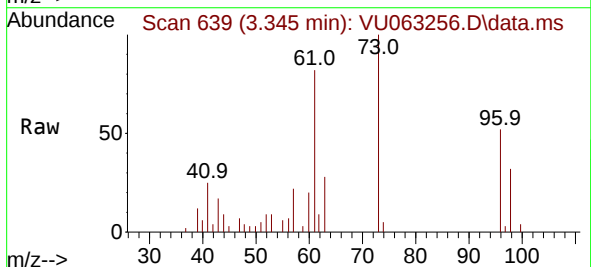
Manual Integrations
APPROVED

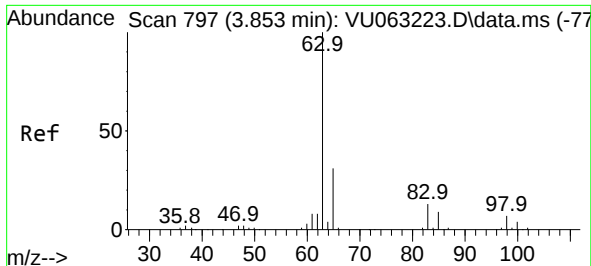
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#16
trans-1,2-Dichloroethene
Concen: 0.397 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 96 Resp: 5282
Ion Ratio Lower Upper
96 100
61 157.5 113.4 170.2
98 60.8 51.2 76.8





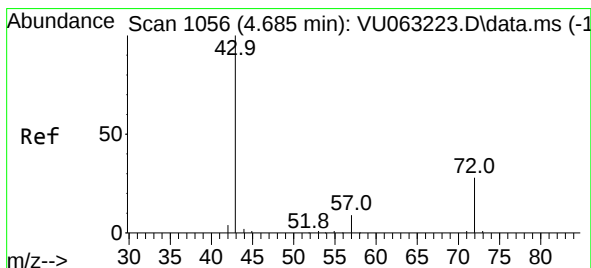
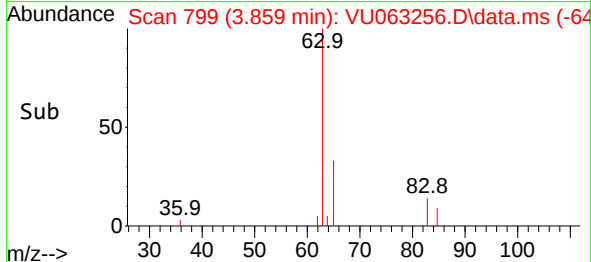
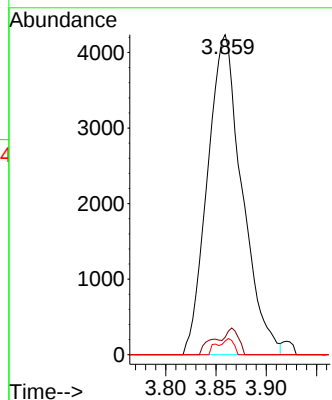
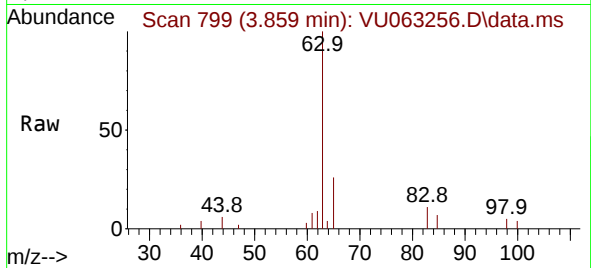
#17
1,1-Dichloroethane
Concen: 0.403 ug/l
RT: 3.859 min Scan# 797
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion: 63 Resp: 1012
Ion Ratio Lower Upper
63 100
98 5.5 3.3 9.9
100 4.2 2.1 6.2

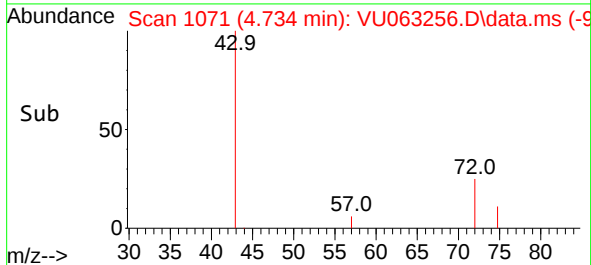
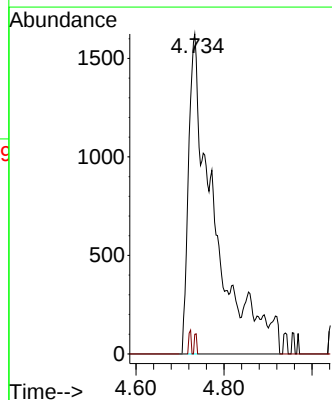
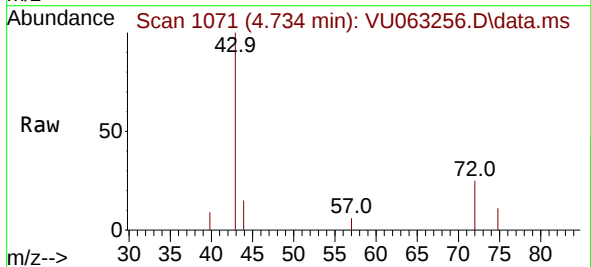
Manual Integrations
APPROVED

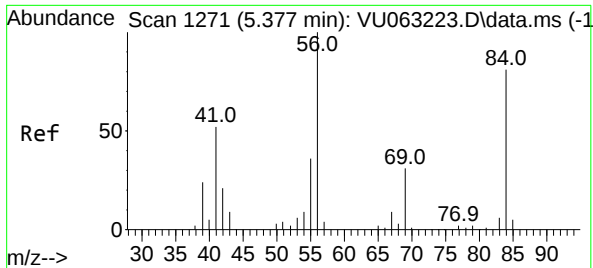
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#18
2-Butanone
Concen: 2.014 ug/l m
RT: 4.734 min Scan# 1071
Delta R.T. 0.048 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 43 Resp: 6633
Ion Ratio Lower Upper
43 100
57 6.2 0.0 17.0





#19

Cyclohexane

Concen: 0.371 ug/l m

RT: 5.377 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

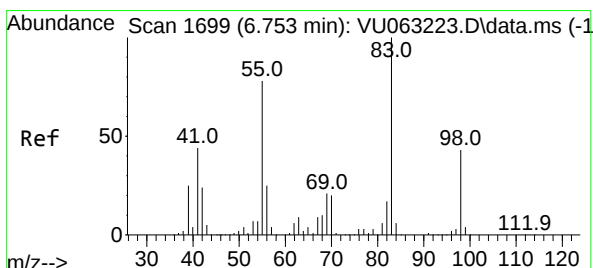
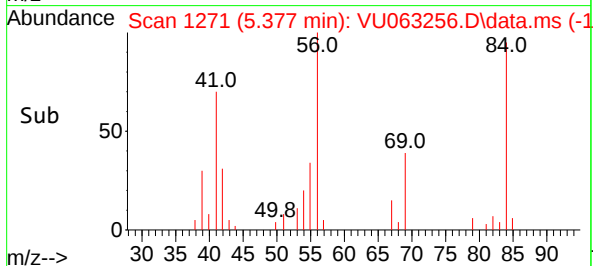
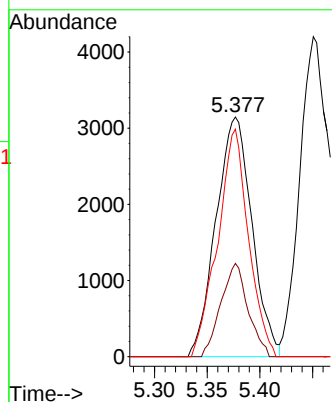
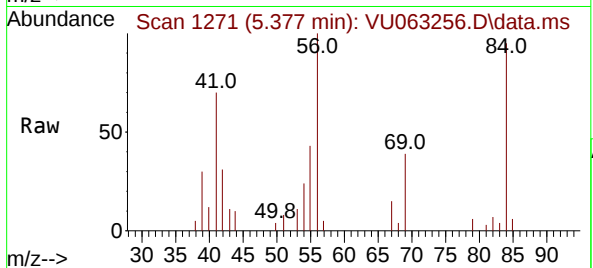
MDL-WATER-03-QT1-2025

Tgt Ion:	56	Resp:	748
Ion Ratio	Lower	Upper	
56	100		
69	29.3	24.5	36.7
84	81.2	65.2	97.8

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.353 ug/l

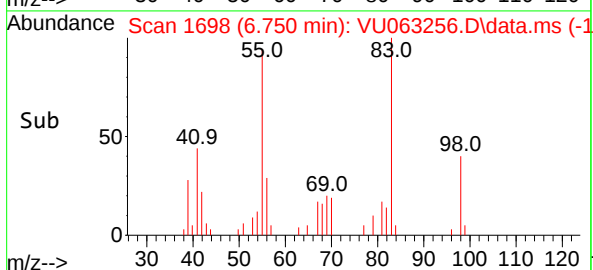
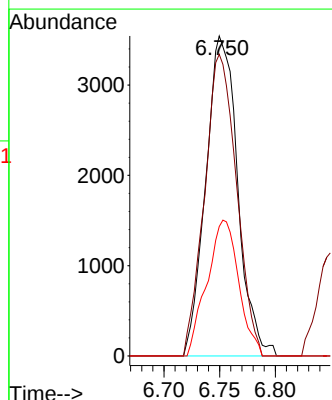
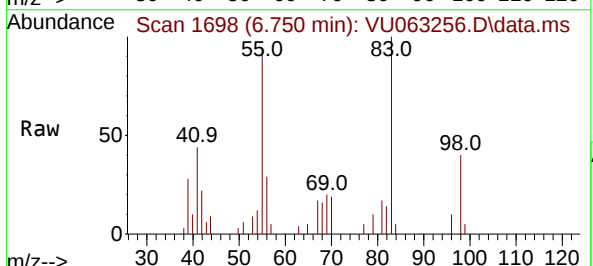
RT: 6.750 min Scan# 1698

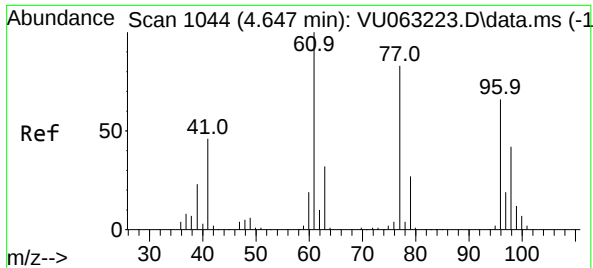
Delta R.T. -0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Tgt Ion:	83	Resp:	7051
Ion Ratio	Lower	Upper	
83	100		
55	94.3	63.1	94.7
98	42.3	35.2	52.8





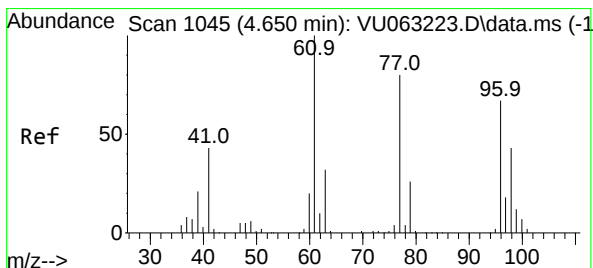
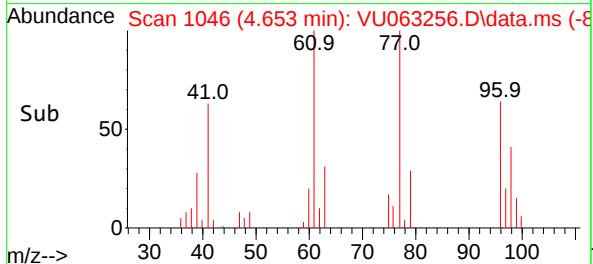
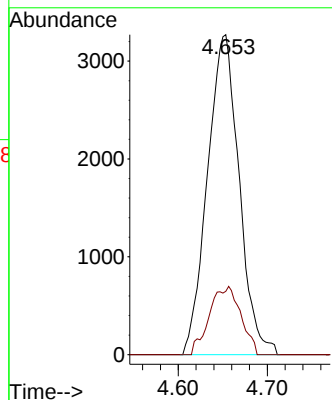
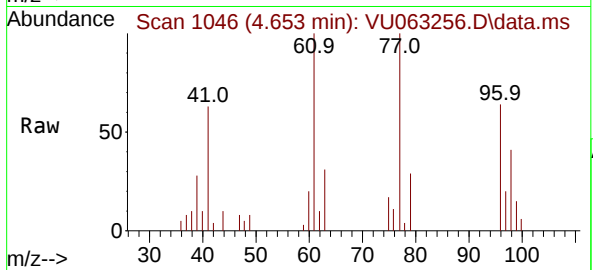
#21
2,2-Dichloropropane
Concen: 0.413 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion: 77 Resp: 808
Ion Ratio Lower Upper
77 100
97 21.1 18.5 27.7

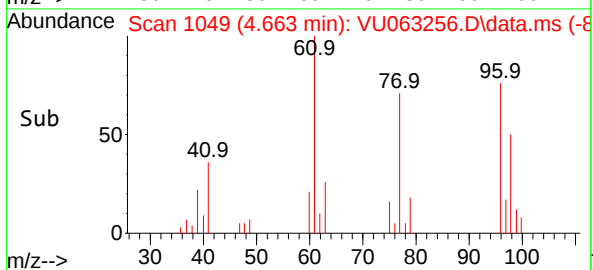
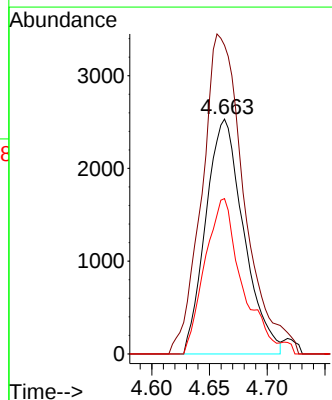
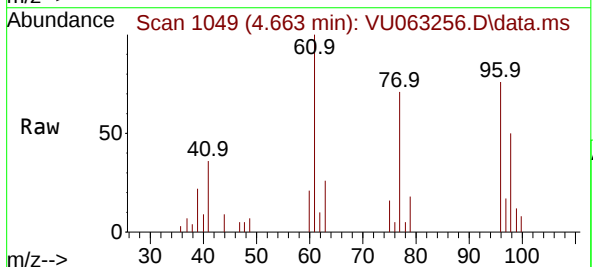
Manual Integrations
APPROVED

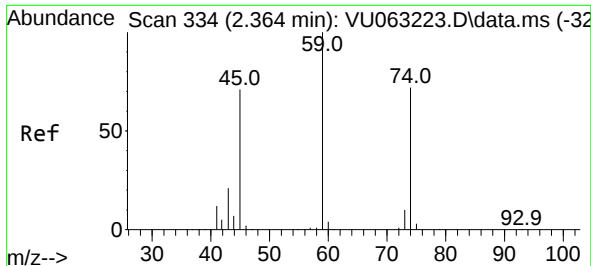
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#22
cis-1,2-Dichloroethene
Concen: 0.402 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

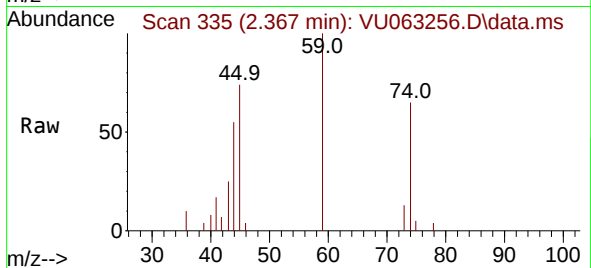
Tgt Ion: 96 Resp: 5788
Ion Ratio Lower Upper
96 100
61 151.3 0.0 373.3
98 64.5 31.9 95.9





#23
Diethyl Ether
Concen: 0.410 ug/l
RT: 2.367 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

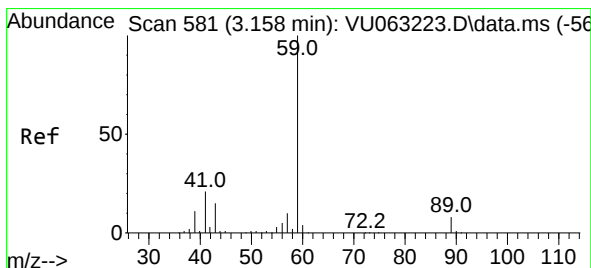
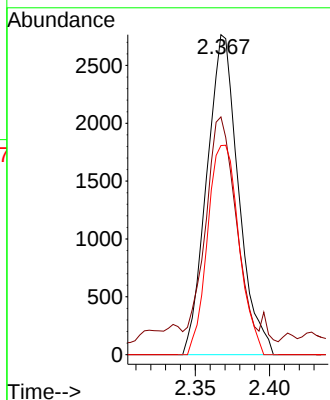
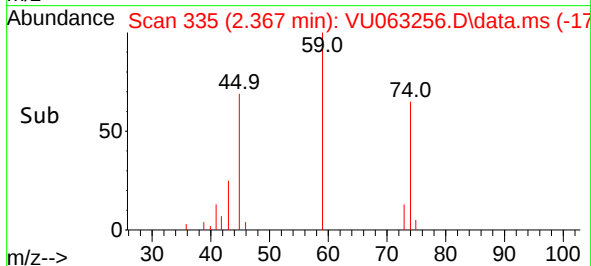
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 59 Resp: 4108
Ion Ratio Lower Upper
59 100
45 61.5 57.8 86.6
74 64.8 57.7 86.5

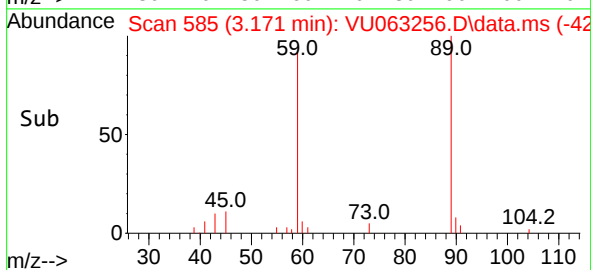
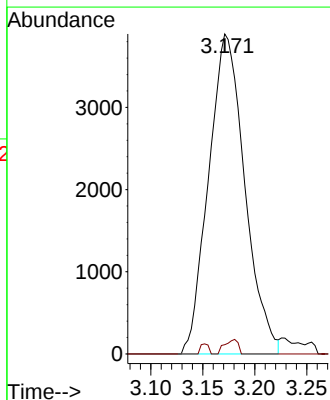
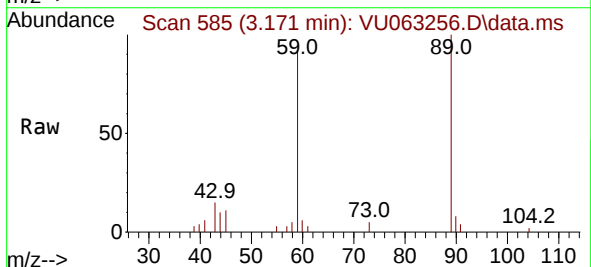
Manual Integrations
APPROVED

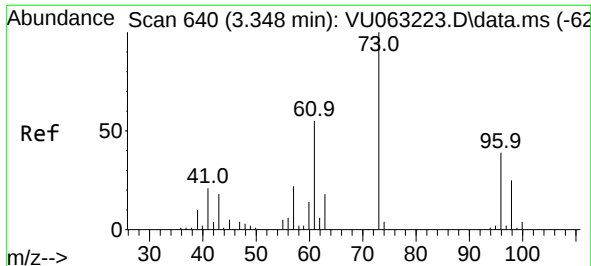
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#24
tert-Butyl Alcohol
Concen: 7.736 ug/l
RT: 3.171 min Scan# 585
Delta R.T. 0.013 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

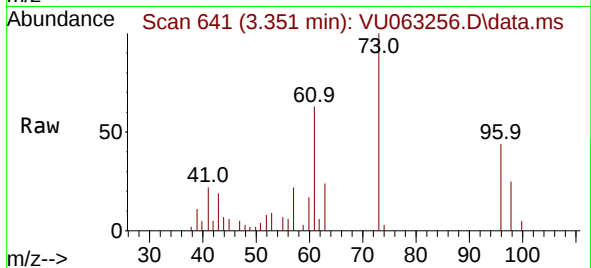
Tgt Ion: 59 Resp: 9421
Ion Ratio Lower Upper
59 100
57 1.7 7.5 11.3#





#25
Methyl tert-Butyl Ether
Concen: 0.410 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

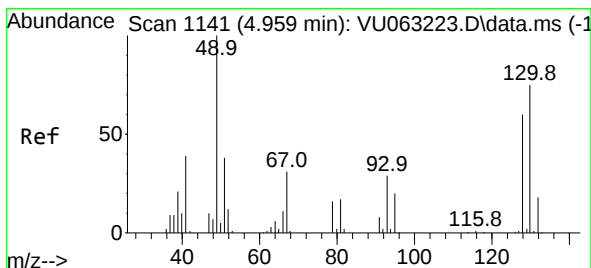
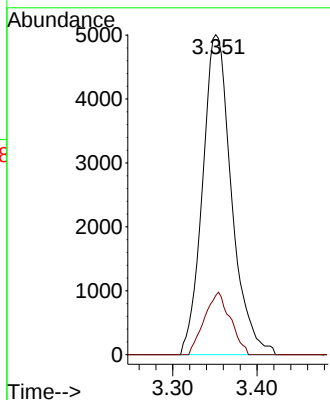
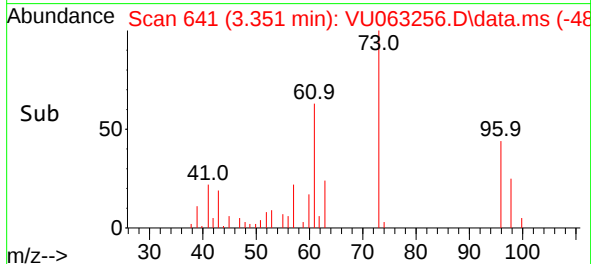
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



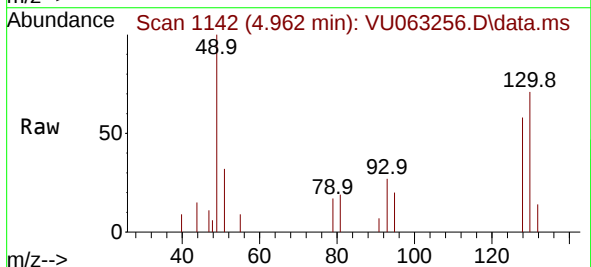
Tgt Ion: 73 Resp: 11958
Ion Ratio Lower Upper
73 100
43 17.5 14.9 22.3

Manual Integrations
APPROVED

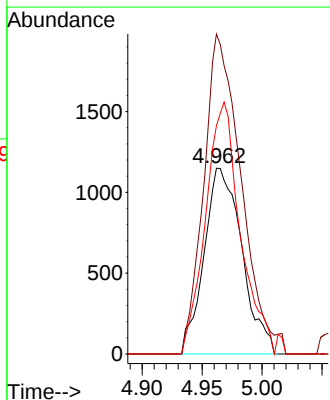
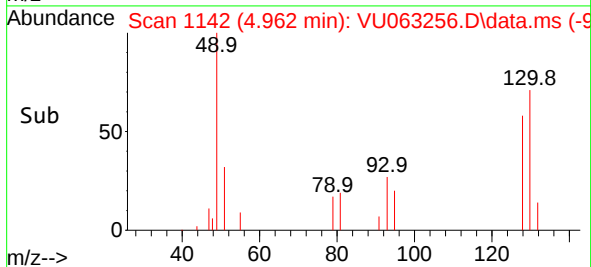
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

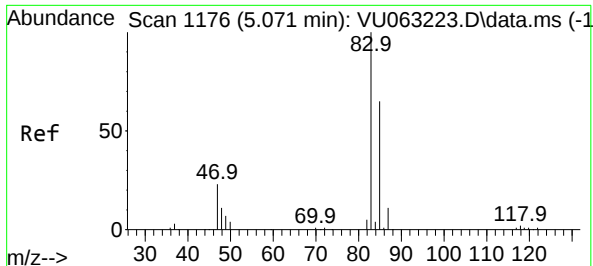


#26
Bromochloromethane
Concen: 0.401 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



Tgt Ion:128 Resp: 2522
Ion Ratio Lower Upper
128 100
49 169.9 0.0 343.4
130 124.6 102.9 154.3





#27

Chloroform

Concen: 0.417 ug/l

RT: 5.078 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

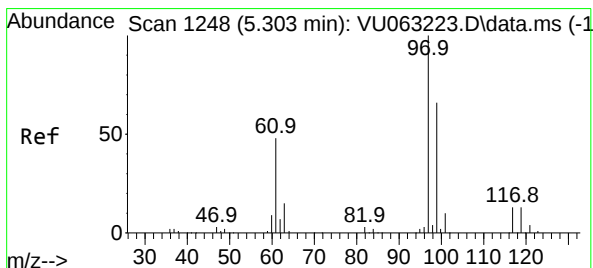
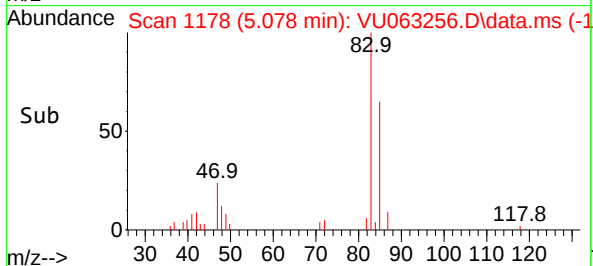
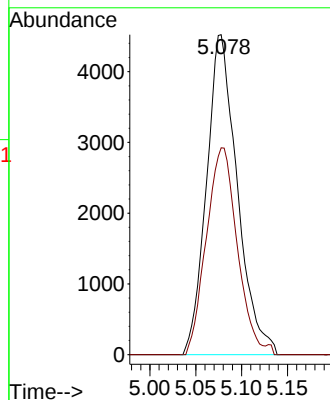
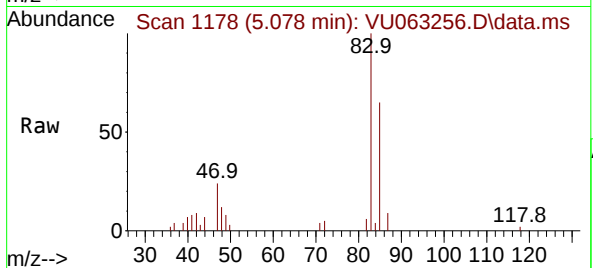
ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 83 Resp: 1055
 Ion Ratio Lower Upper
 83 100
 85 64.6 0.0 129.8

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



#28

1,1,1-Trichloroethane

Concen: 0.414 ug/l

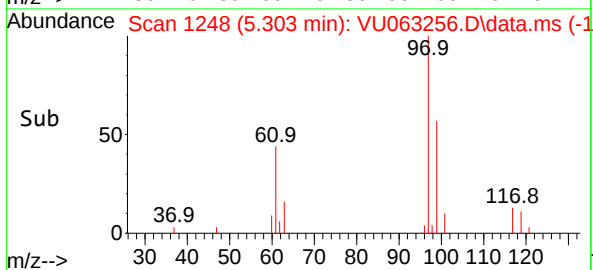
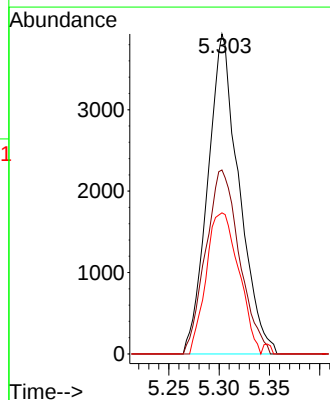
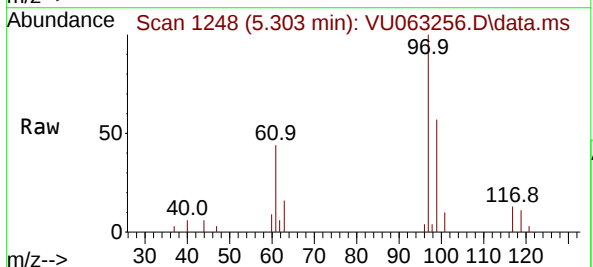
RT: 5.303 min Scan# 1248

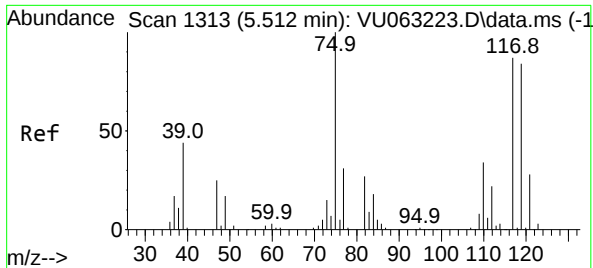
Delta R.T. -0.000 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Tgt Ion: 97 Resp: 8496
 Ion Ratio Lower Upper
 97 100
 99 62.0 32.4 97.0
 61 46.1 23.8 71.2





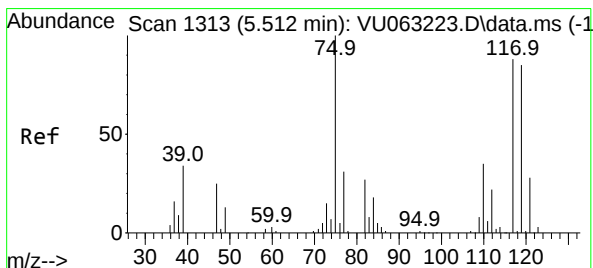
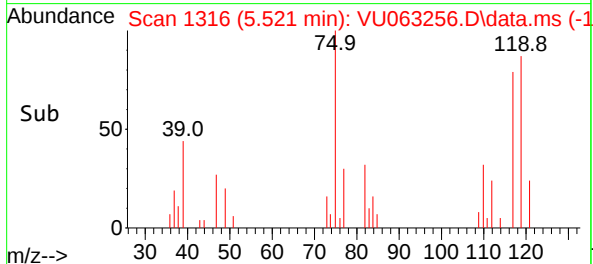
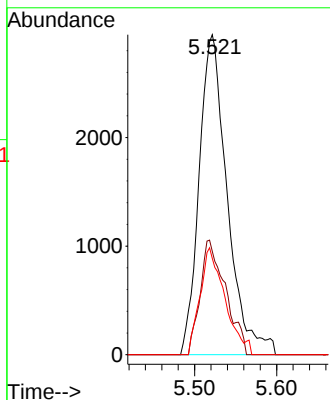
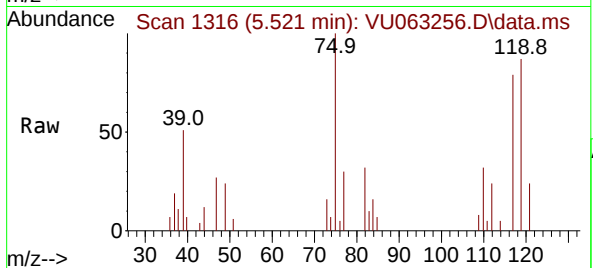
#29
1,1-Dichloropropene
Concen: 0.382 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.010 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion: 75 Resp: 7018
Ion Ratio Lower Upper
75 100
110 32.3 17.2 51.5
77 29.7 24.6 37.0

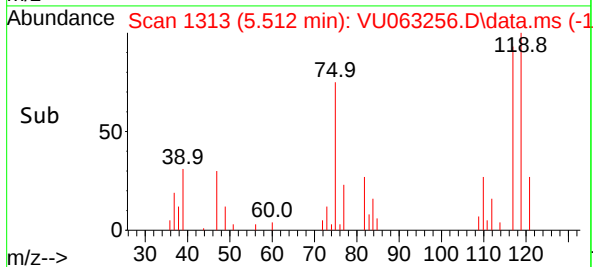
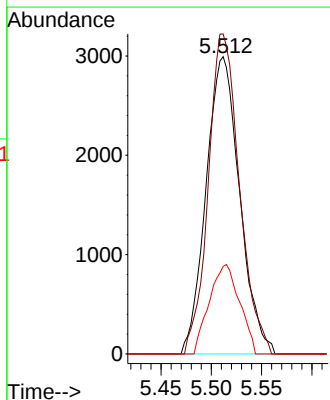
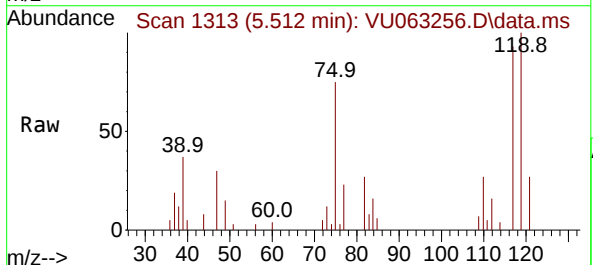
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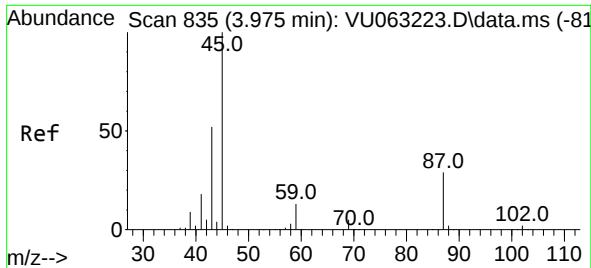
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#30
Carbon Tetrachloride
Concen: 0.395 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:117 Resp: 6952
Ion Ratio Lower Upper
117 100
119 107.6 76.7 115.1
121 29.4 25.5 38.3





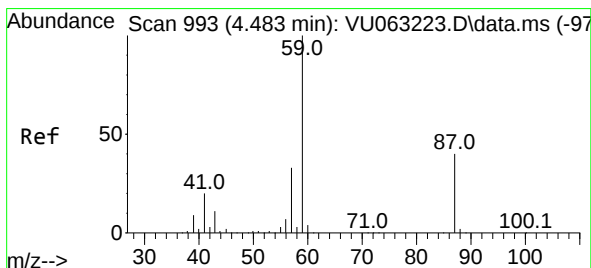
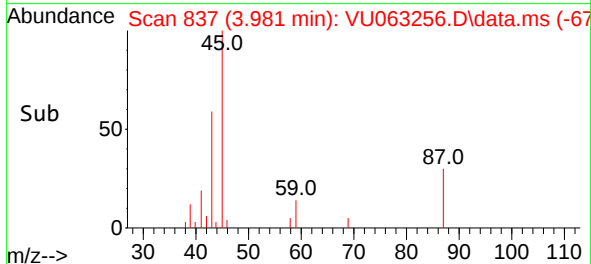
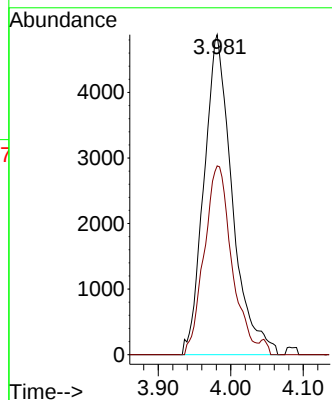
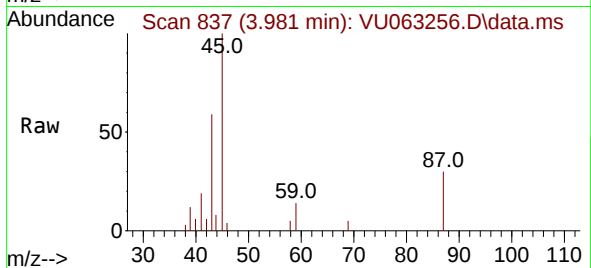
#31
Isopropyl Ether
Concen: 0.368 ug/l
RT: 3.981 min Scan# 81
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion: 45 Resp: 1318
Ion Ratio Lower Upper
45 100
43 57.8 25.7 77.1

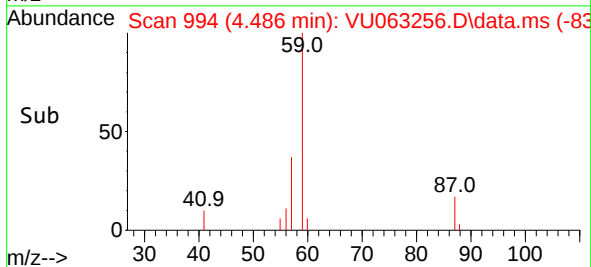
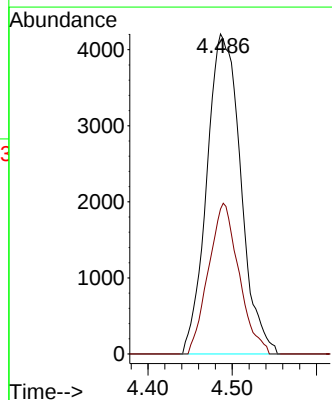
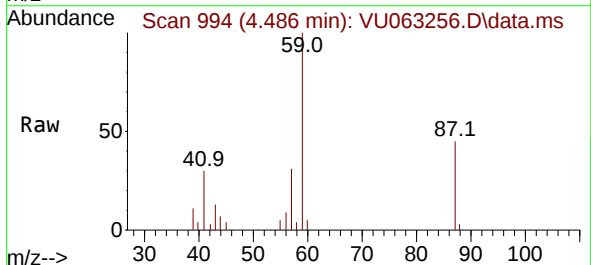
Manual Integrations
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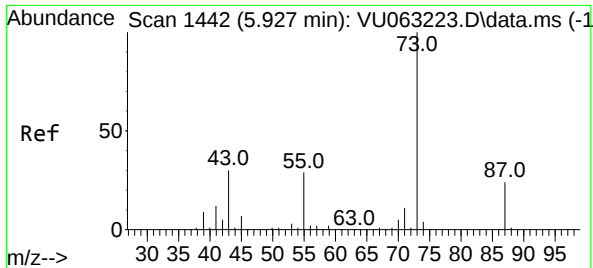
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#32
Ethyl-t-butyl ether
Concen: 0.361 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

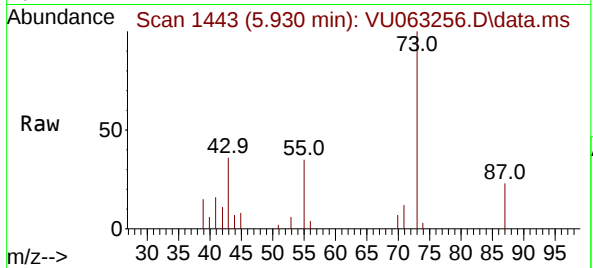
Tgt Ion: 59 Resp: 11750
Ion Ratio Lower Upper
59 100
87 42.4 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 0.335 ug/l m
RT: 5.930 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

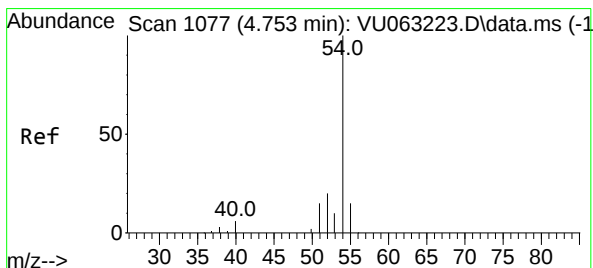
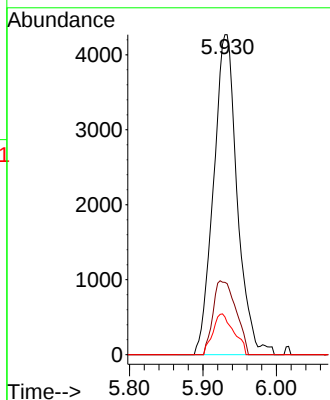
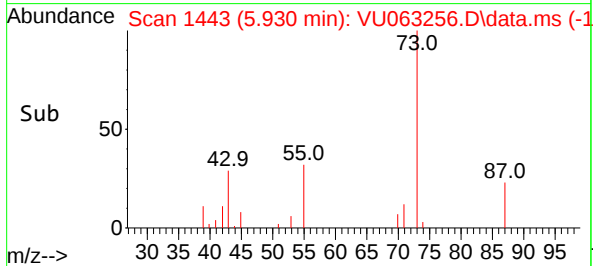
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



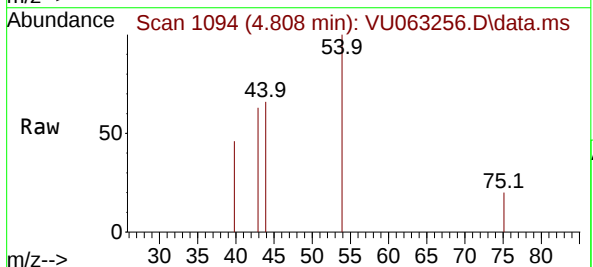
Tgt Ion: 73 Resp: 9538
Ion Ratio Lower Upper
73 100
87 22.4 18.9 28.3
71 11.3 9.0 13.4

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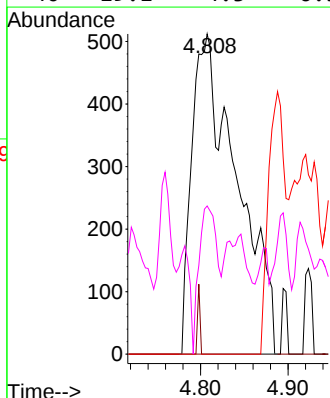
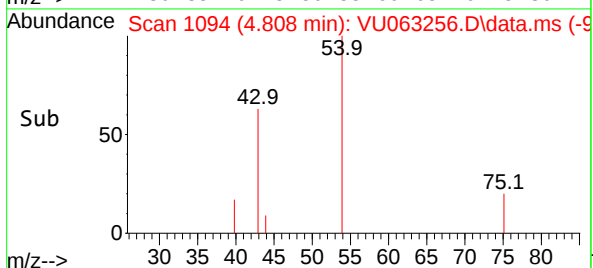
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

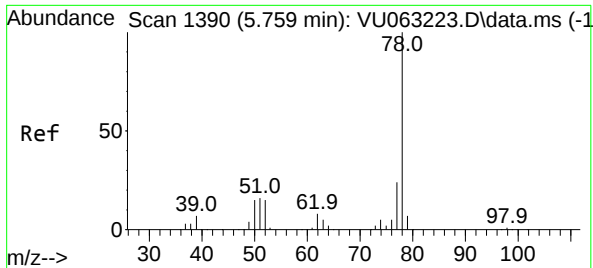


#34
Propionitrile
Concen: 1.844 ug/l m
RT: 4.808 min Scan# 1094
Delta R.T. 0.055 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



Tgt Ion: 54 Resp: 1832
Ion Ratio Lower Upper
54 100
52 1.2 16.3 24.5#
55 0.0 11.8 17.6#
40 19.1 4.3 6.5#





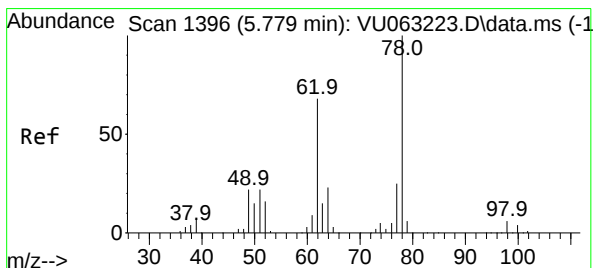
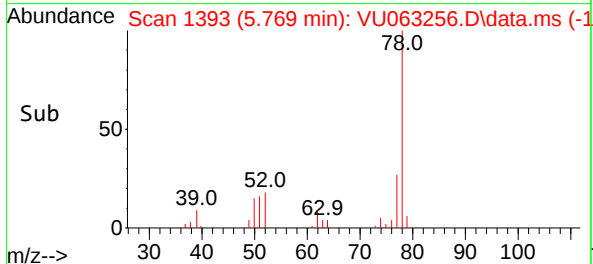
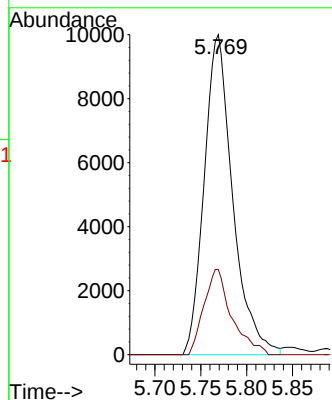
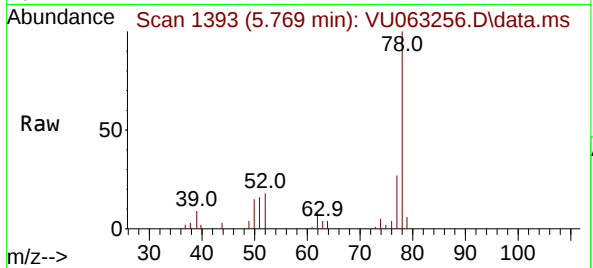
#35
Benzene
Concen: 0.383 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. 0.010 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion: 78 Resp: 2162
Ion Ratio Lower Upper
78 100
77 26.6 19.0 28.4

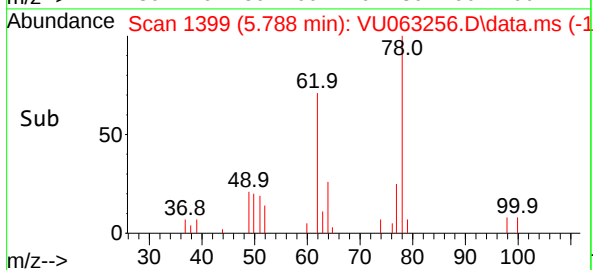
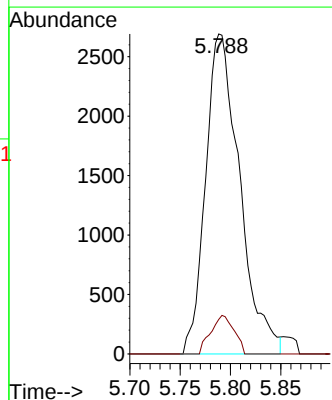
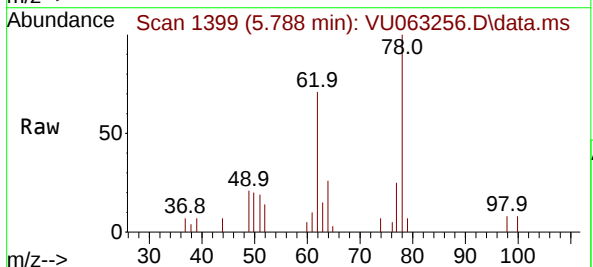
Manual Integrations
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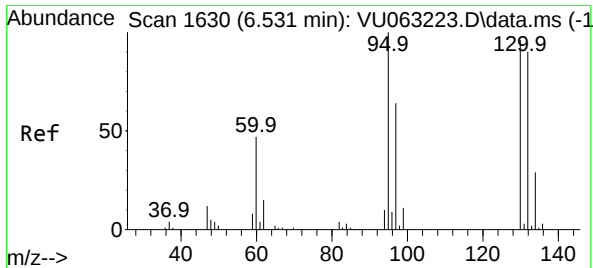
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#36
1,2-Dichloroethane
Concen: 0.389 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.010 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

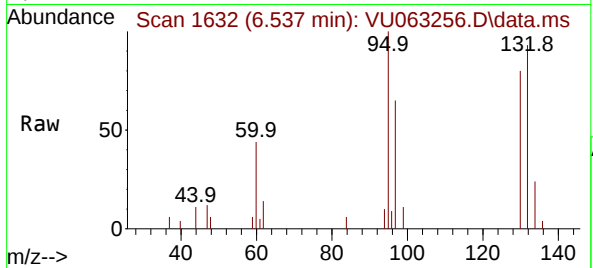
Tgt Ion: 62 Resp: 6347
Ion Ratio Lower Upper
62 100
98 8.2 6.9 10.3





#37
Trichloroethene
Concen: 0.377 ug/l
RT: 6.537 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

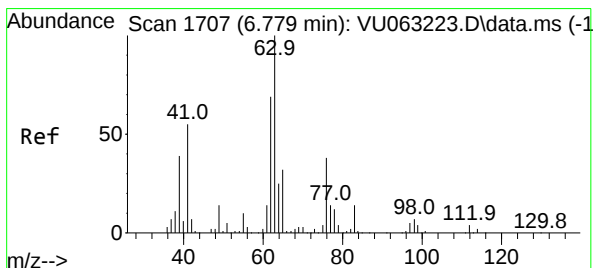
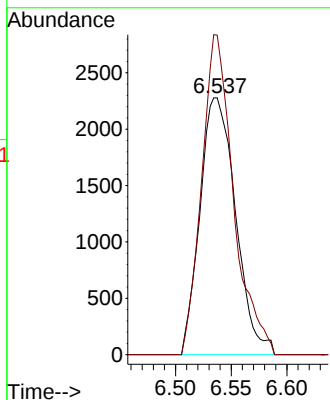
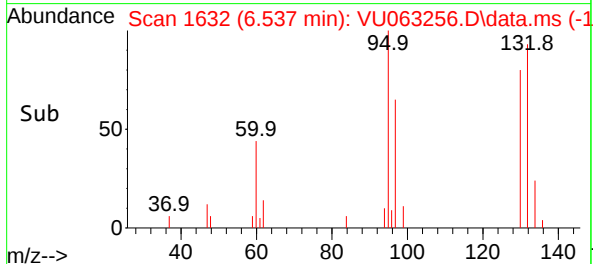
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



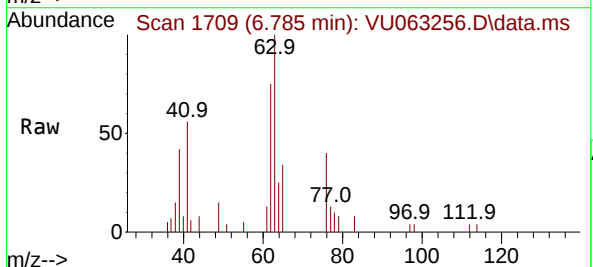
Tgt Ion:130 Resp: 5060
Ion Ratio Lower Upper
130 100
95 124.4 83.2 124.8

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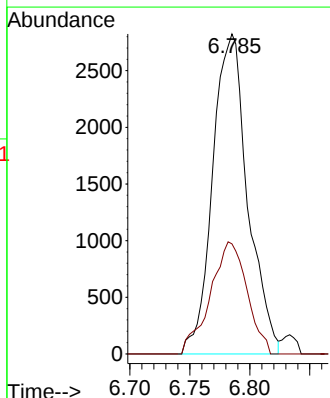
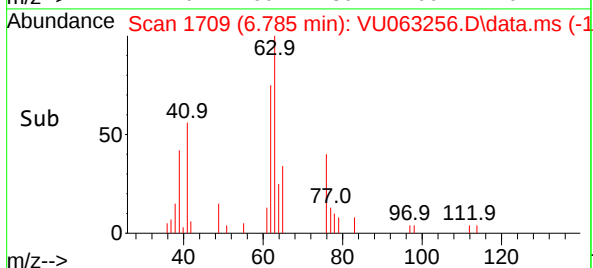
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

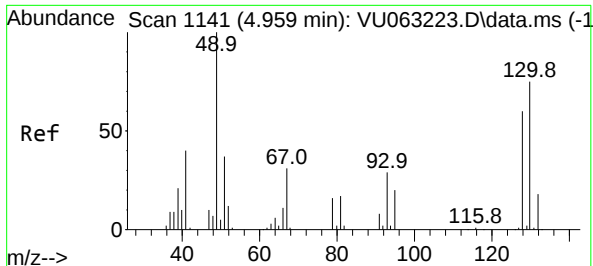


#38
1,2-Dichloropropane
Concen: 0.388 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



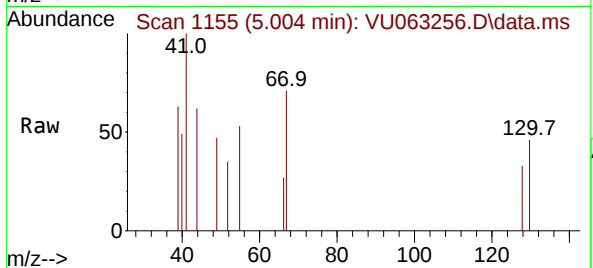
Tgt Ion: 63 Resp: 5742
Ion Ratio Lower Upper
63 100
65 34.4 25.3 37.9





#39
Methacrylonitrile
Concen: 0.289 ug/l m
RT: 5.004 min Scan# 1119
Delta R.T. 0.045 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

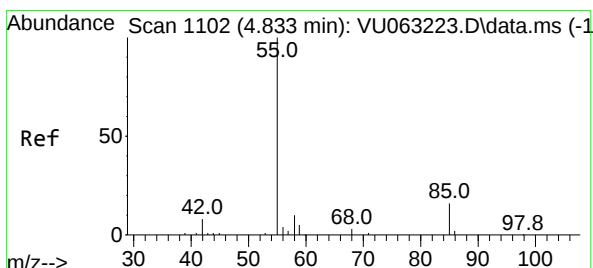
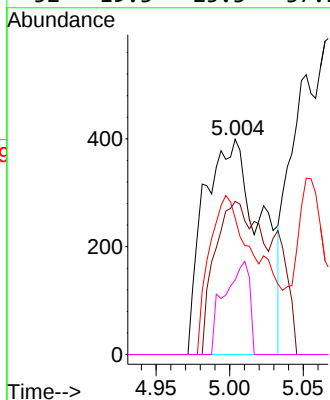
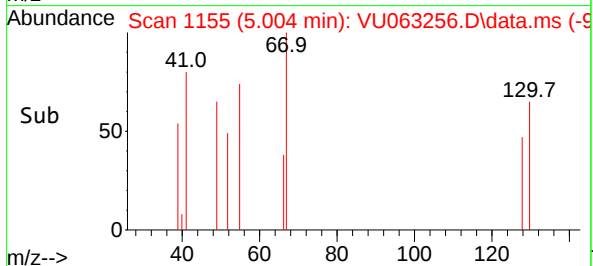


Tgt Ion: 41 Resp: 1068

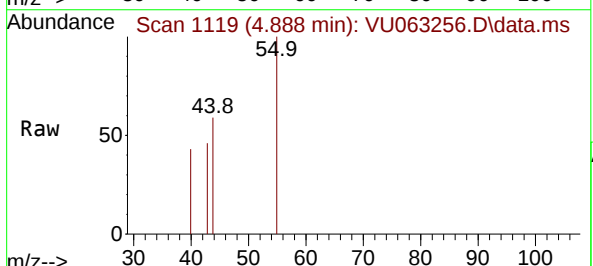
Ion	Ratio	Lower	Upper
41	100		
67	57.6	64.5	96.7
39	64.8	43.0	64.6
52	19.3	25.3	37.9

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

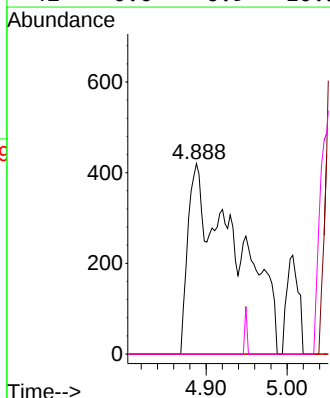
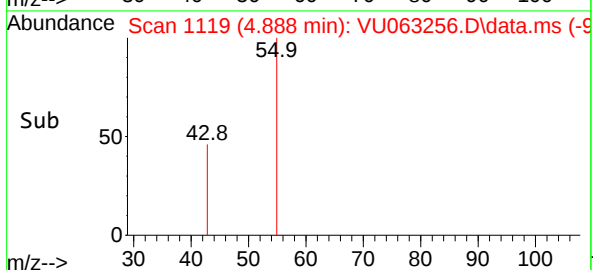


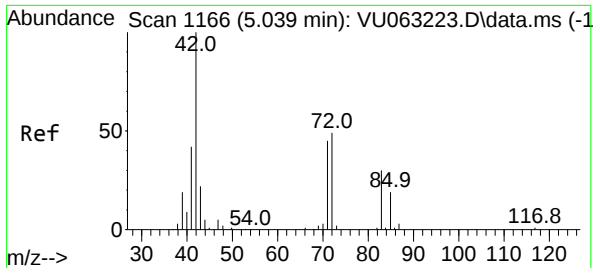
#40
Methyl acrylate
Concen: 0.252 ug/l m
RT: 4.888 min Scan# 1119
Delta R.T. 0.055 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



Tgt Ion: 55 Resp: 1721

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





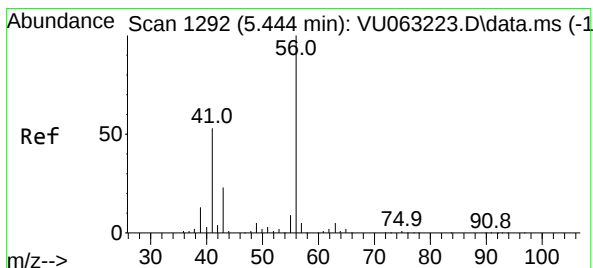
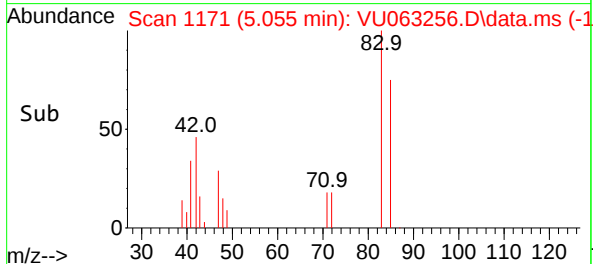
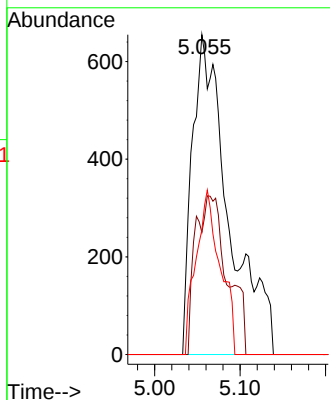
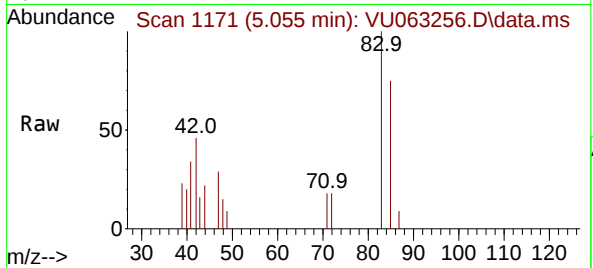
#41
Tetrahydrofuran
Concen: 0.901 ug/l m
RT: 5.055 min Scan# 1166
Delta R.T. 0.016 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion: 42 Resp: 1940
Ion Ratio Lower Upper
42 100
72 36.8 41.5 62.3
71 34.1 37.2 55.8

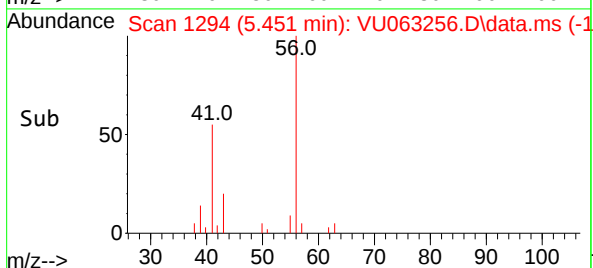
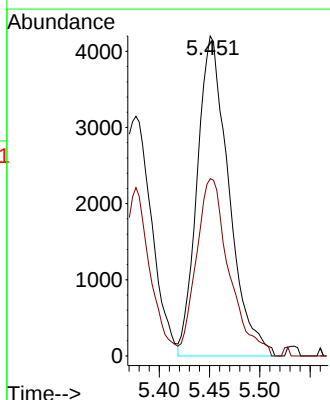
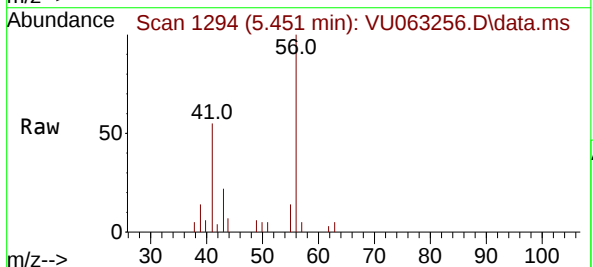
Manual Integrations
APPROVED

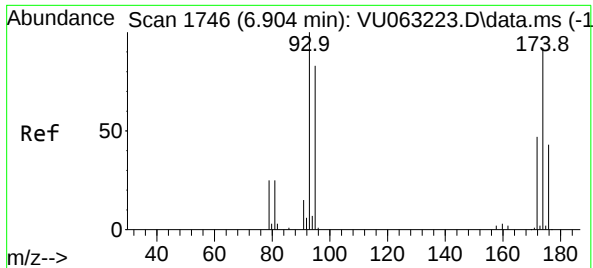
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#42
1-Chlorobutane
Concen: 0.365 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

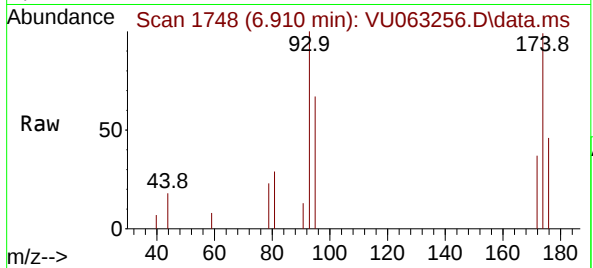
Tgt Ion: 56 Resp: 9174
Ion Ratio Lower Upper
56 100
41 57.4 26.3 78.8





#43
Dibromomethane
Concen: 0.408 ug/l
RT: 6.910 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

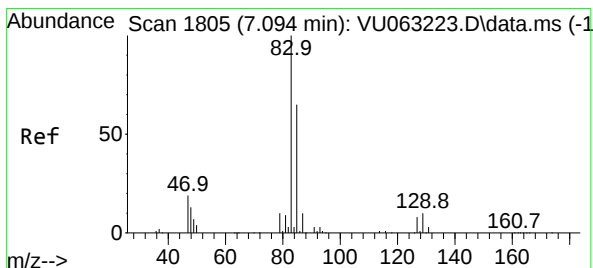
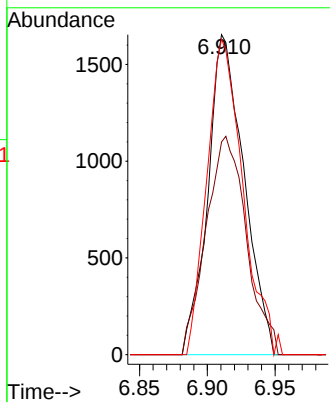
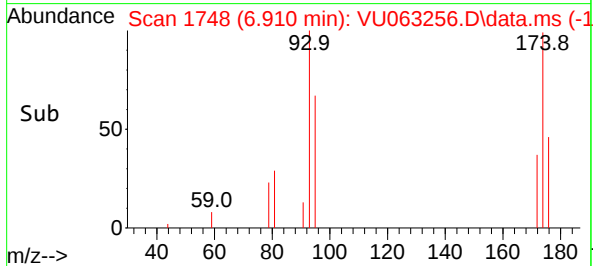
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



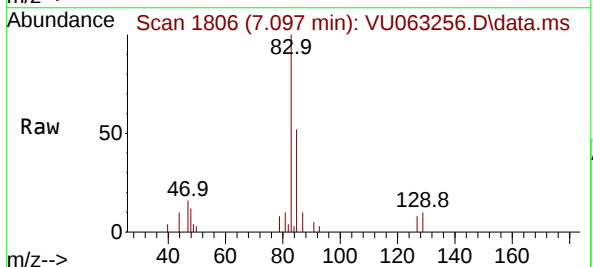
Tgt Ion: 93 Resp: 3058
Ion Ratio Lower Upper
93 100
95 76.3 67.2 100.8
174 98.2 75.7 113.5

Manual Integrations
APPROVED

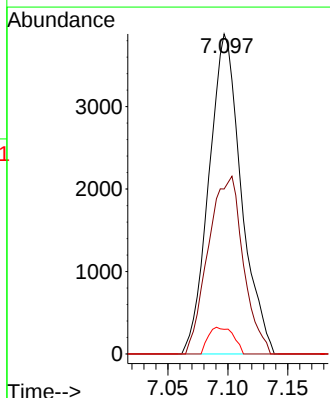
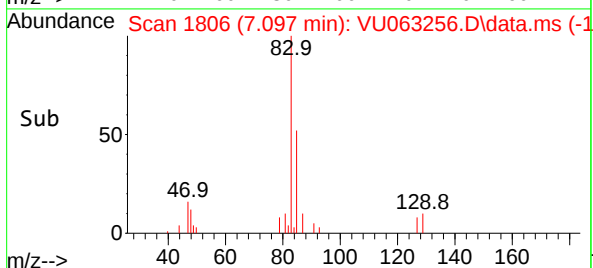
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

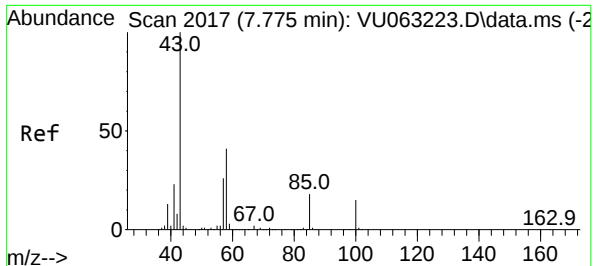


#44
Bromodichloromethane
Concen: 0.418 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



Tgt Ion: 83 Resp: 7282
Ion Ratio Lower Upper
83 100
85 51.5 51.7 77.5#
127 7.7 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 1.679 ug/l

RT: 7.782 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

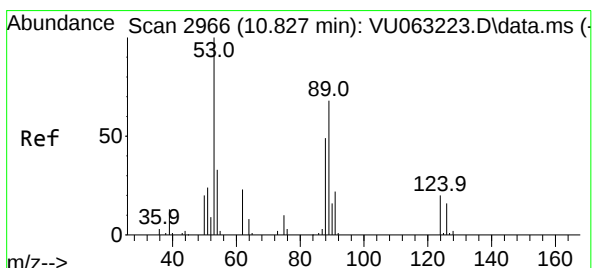
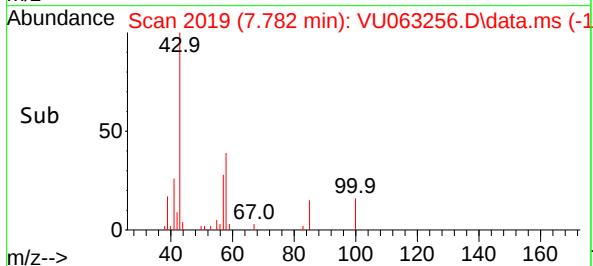
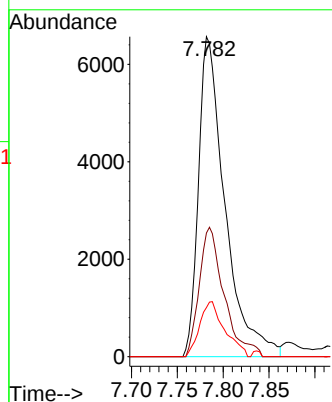
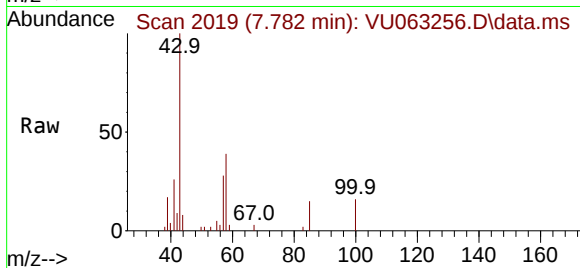
MDL-WATER-03-QT1-2025

Tgt Ion: 43	Resp: 1318
Ion Ratio	Lower Upper
43 100	
58 37.7	20.8 62.5
85 16.2	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: 0.602 ug/l m

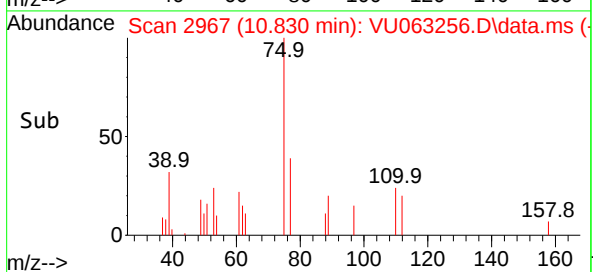
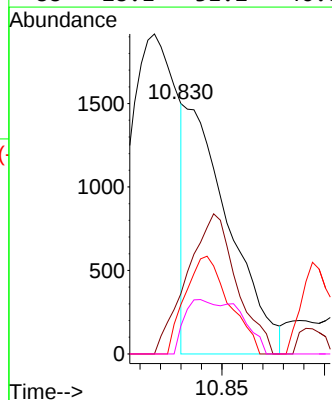
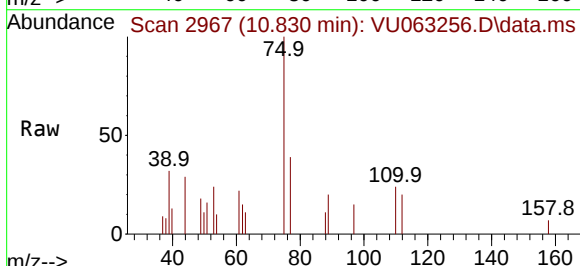
RT: 10.830 min Scan# 2967

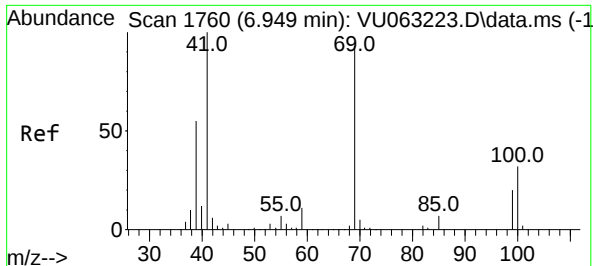
Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Tgt Ion: 75	Resp: 2223
Ion Ratio	Lower Upper
75 100	
53 63.3	64.5 96.7#
89 39.2	43.4 65.2#
88 28.1	31.2 46.8#





#47

Methyl methacrylate

Concen: 0.630 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

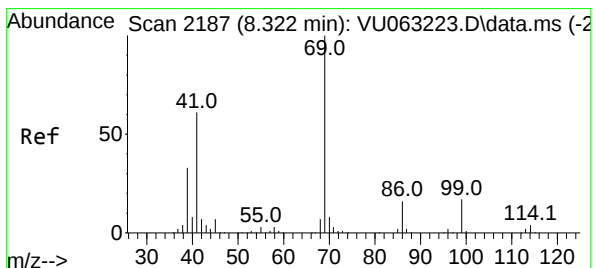
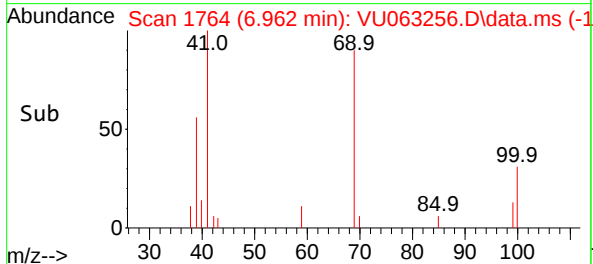
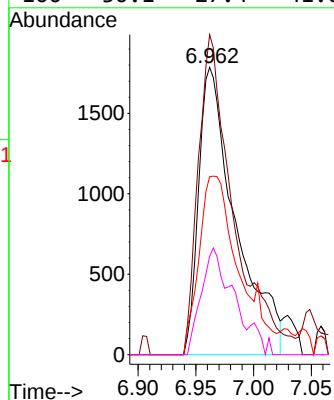
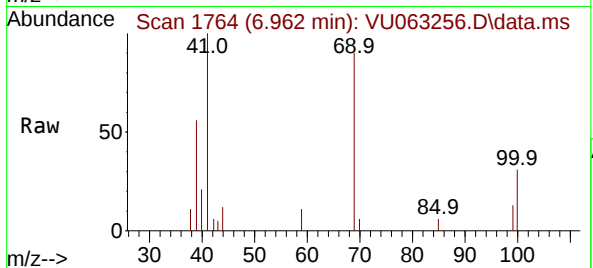
MDL-WATER-03-QT1-2025

Tgt Ion:	69	Resp:	397
Ion	Ratio	Lower	Upper
69	100		
41	106.1	0.0	217.0
39	67.3	47.7	71.5
100	30.1	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: 0.308 ug/l

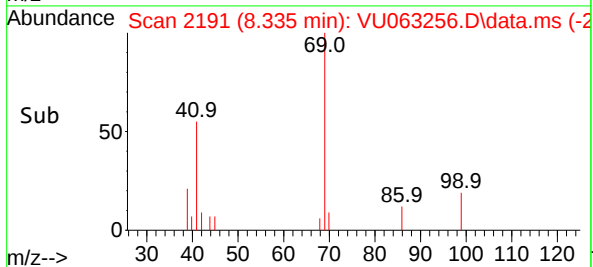
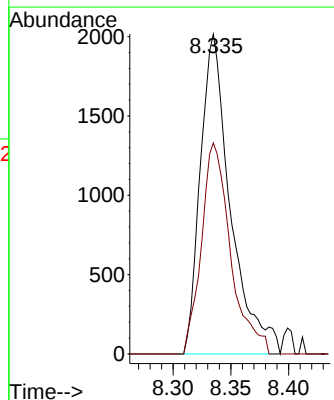
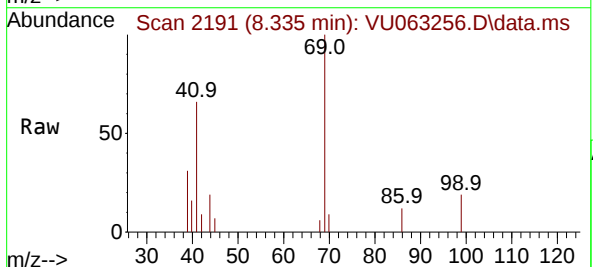
RT: 8.335 min Scan# 2191

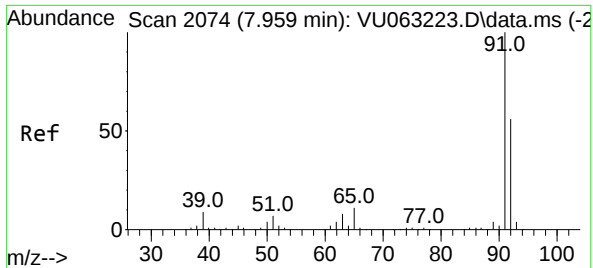
Delta R.T. 0.013 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Tgt Ion:	69	Resp:	3647
Ion	Ratio	Lower	Upper
69	100		
41	64.1	30.6	92.0





#49

Toluene

Concen: 0.356 ug/l

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 92 Resp: 1156

Ion Ratio Lower Upper

92 100

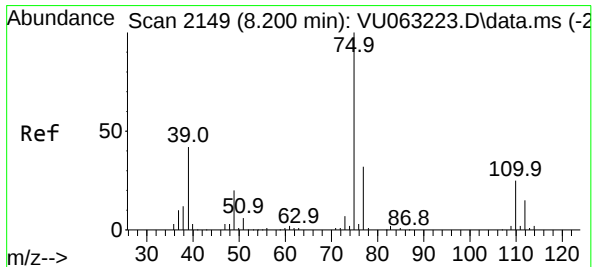
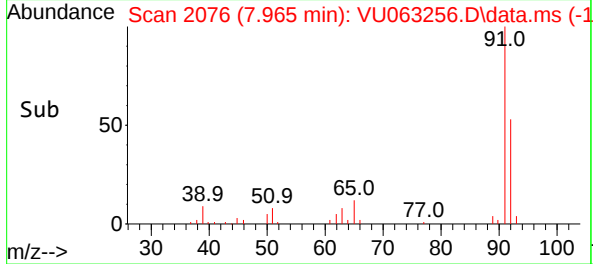
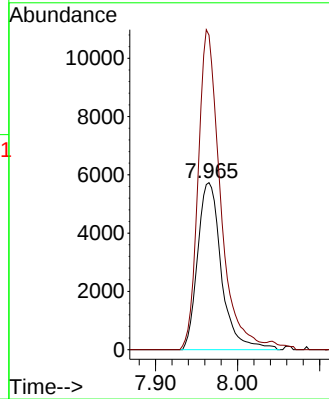
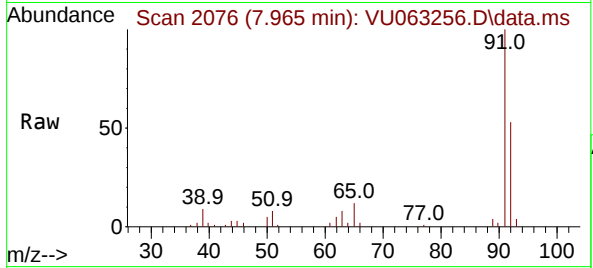
91 178.6 141.8 212.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#50

t-1,3-Dichloropropene

Concen: 0.359 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.006 min

Lab File: VU063256.D

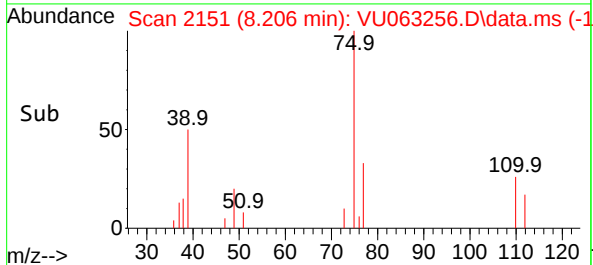
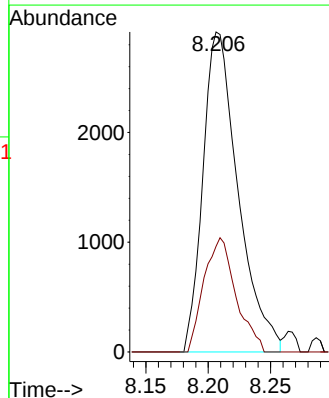
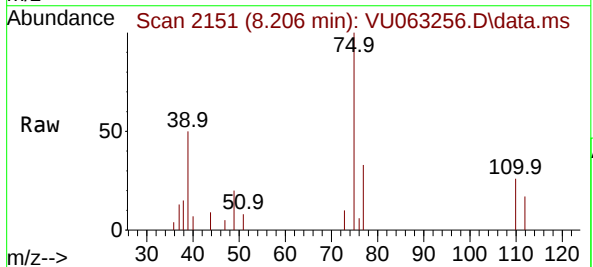
Acq: 12 Feb 2025 15:55

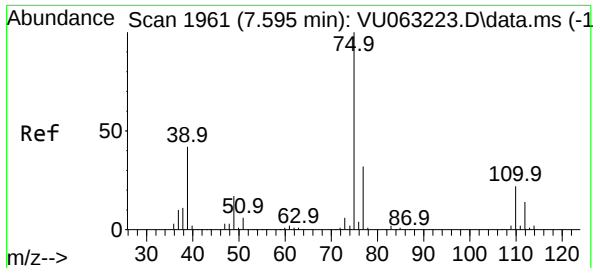
Tgt Ion: 75 Resp: 5726

Ion Ratio Lower Upper

75 100

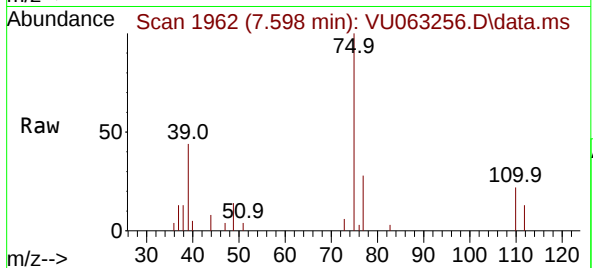
77 33.0 25.9 38.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.363 ug/l
 RT: 7.598 min Scan# 1961
 Delta R.T. 0.003 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

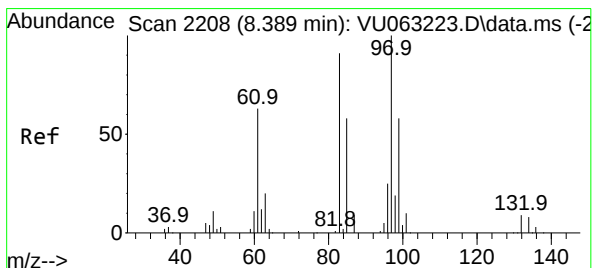
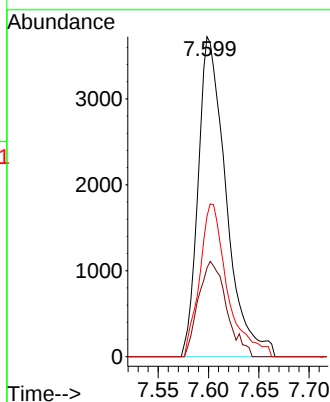
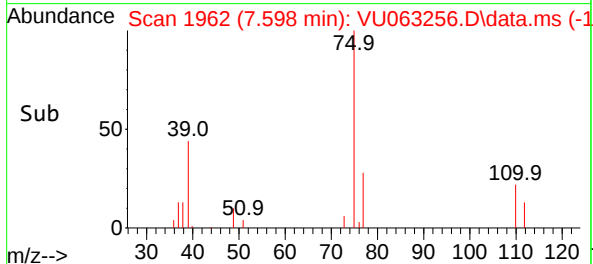
Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2025



Tgt Ion: 75 Resp: 716
 Ion Ratio Lower Upper
 75 100
 77 27.8 25.3 37.9
 39 43.9 33.5 50.3

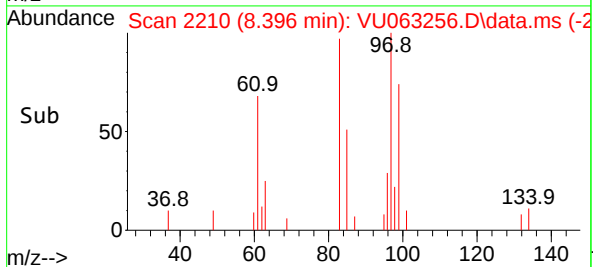
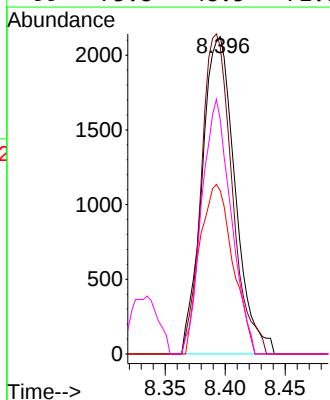
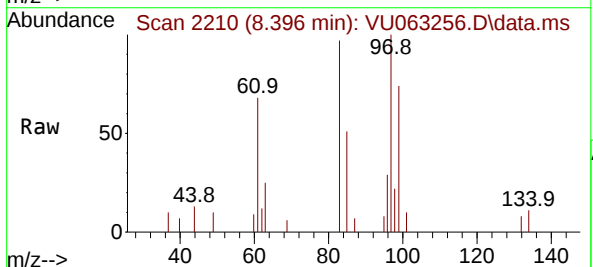
Manual Integrations
 APPROVED

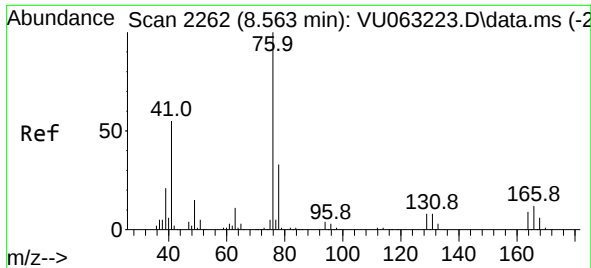
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.403 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

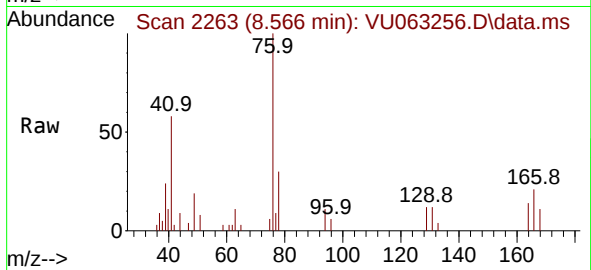
Tgt Ion: 97 Resp: 4074
 Ion Ratio Lower Upper
 97 100
 83 96.8 73.0 109.4
 85 51.5 46.3 69.5
 99 73.8 48.5 72.7#





#53
1,3-Dichloropropane
Concen: 0.408 ug/l
RT: 8.566 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

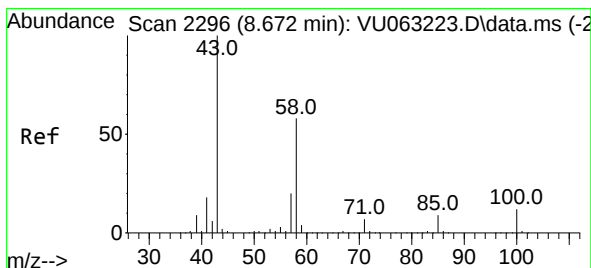
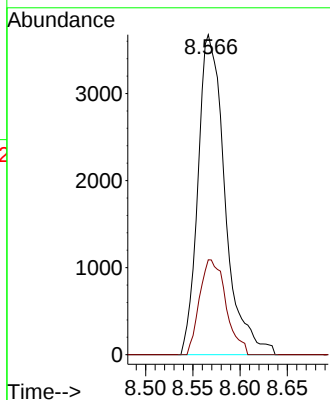
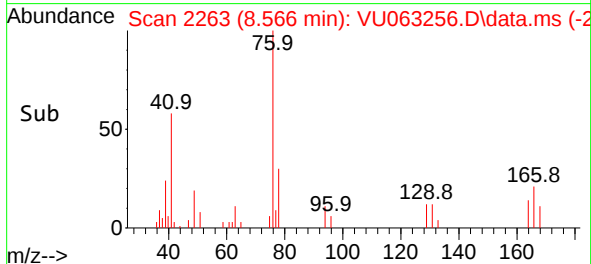
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



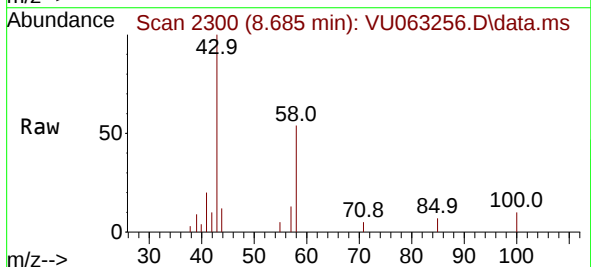
Tgt Ion: 76 Resp: 7300
Ion Ratio Lower Upper
76 100
78 28.9 26.3 39.5

Manual Integrations
APPROVED

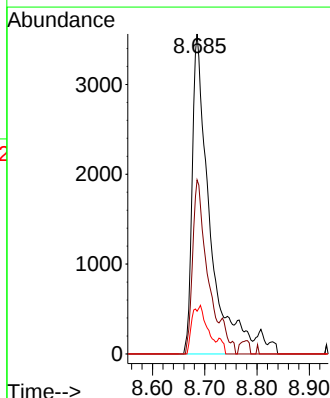
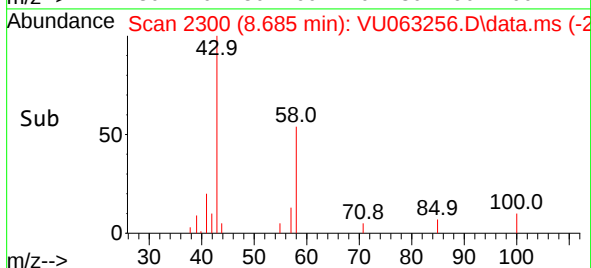
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

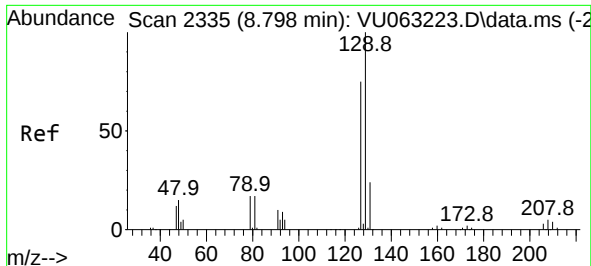


#54
2-Hexanone
Concen: 1.600 ug/l m
RT: 8.685 min Scan# 2300
Delta R.T. 0.013 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



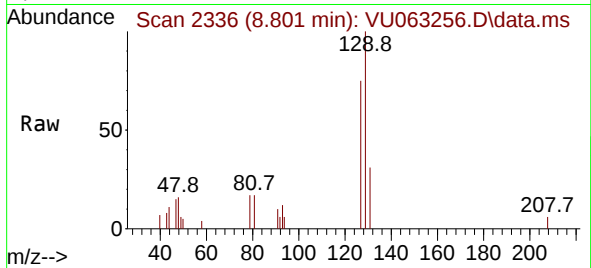
Tgt Ion: 43 Resp: 8575
Ion Ratio Lower Upper
43 100
58 42.3 38.0 78.0
57 12.8 0.0 39.1





#55
Dibromochloromethane
Concen: 0.389 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

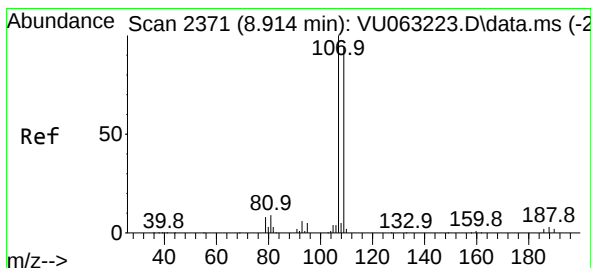
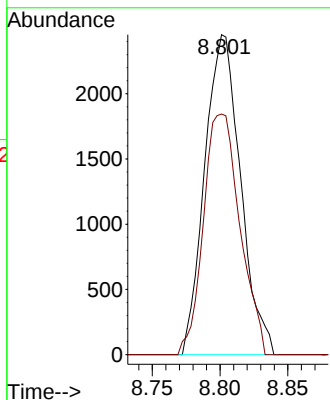
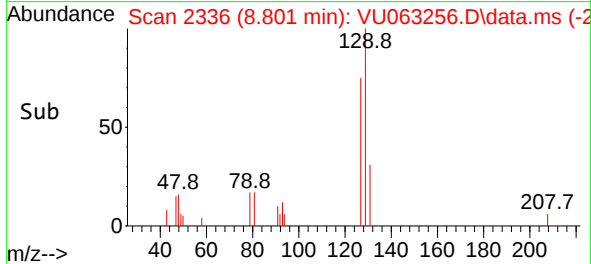
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:129 Resp: 4514
Ion Ratio Lower Upper
129 100
127 76.5 60.4 90.6

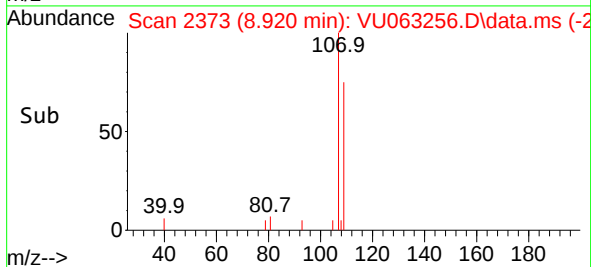
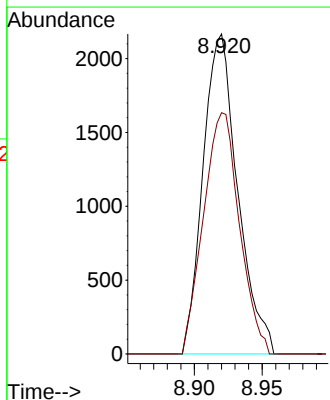
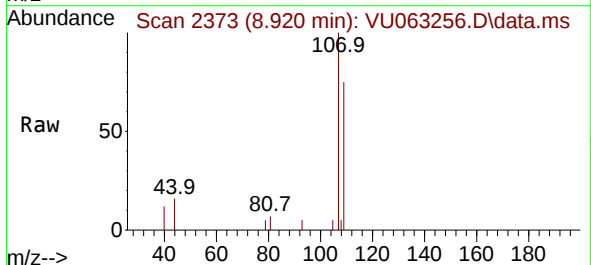
Manual Integrations
APPROVED

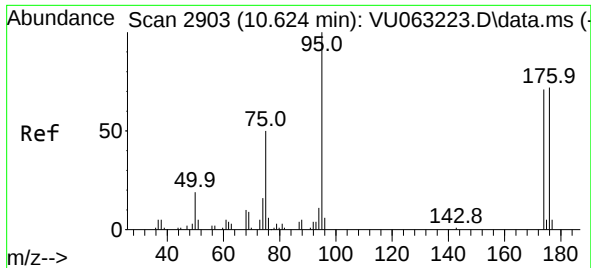
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#56
1,2-Dibromoethane
Concen: 0.407 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:107 Resp: 3854
Ion Ratio Lower Upper
107 100
109 78.4 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 0.893 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

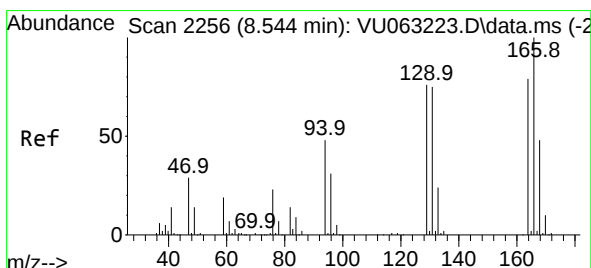
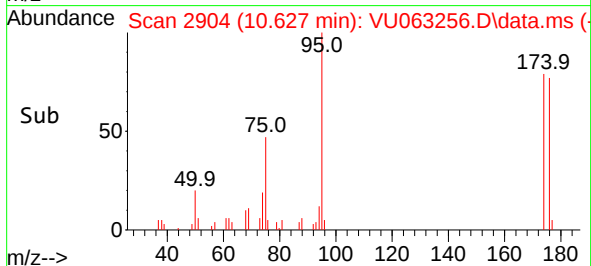
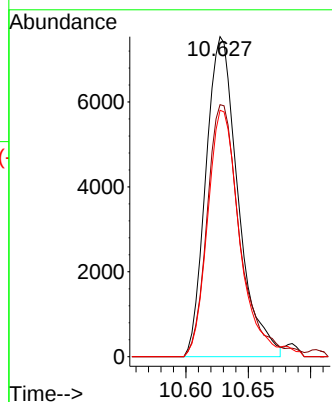
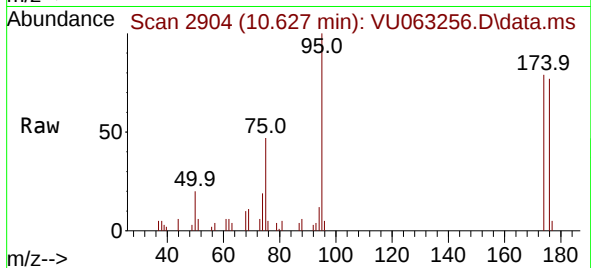
MDL-WATER-03-QT1-2025

Tgt Ion: 95 Resp: 1354

Ion	Ratio	Lower	Upper
95	100		
174	80.6	58.6	88.0
176	77.2	58.2	87.4

Manual Integrations
APPROVED

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



#58

Tetrachloroethene

Concen: 0.406 ug/l

RT: 8.547 min Scan# 2257

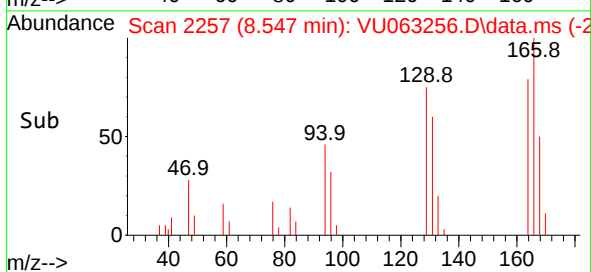
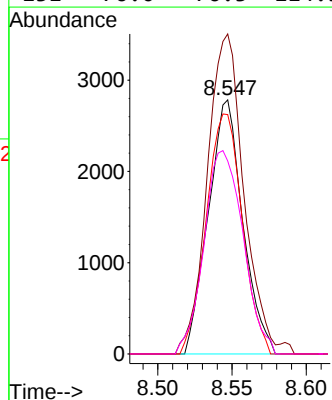
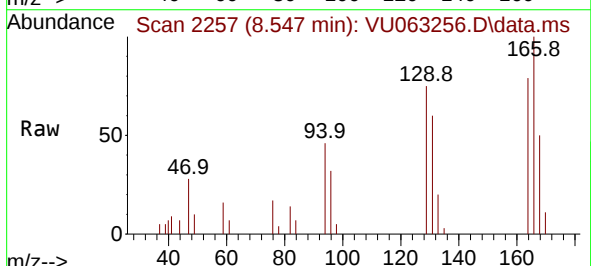
Delta R.T. 0.003 min

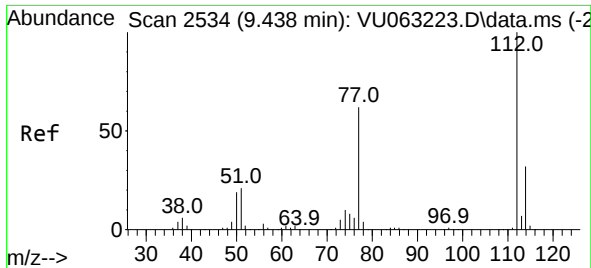
Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Tgt Ion:164 Resp: 4498

Ion	Ratio	Lower	Upper
164	100		
166	122.1	101.4	152.0
129	94.2	77.0	115.4
131	76.0	76.3	114.5





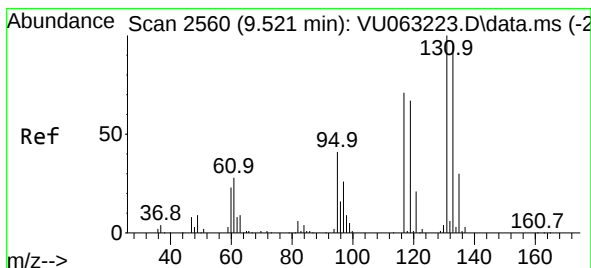
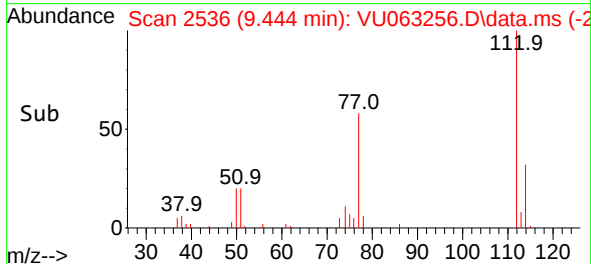
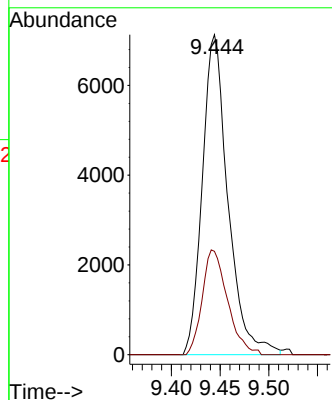
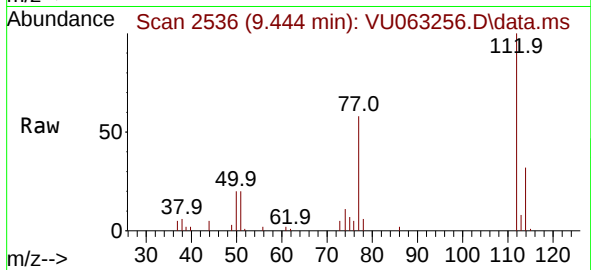
#59
Chlorobenzene
Concen: 0.380 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion:112 Resp: 1304
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

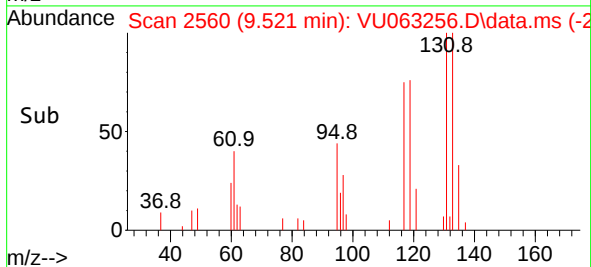
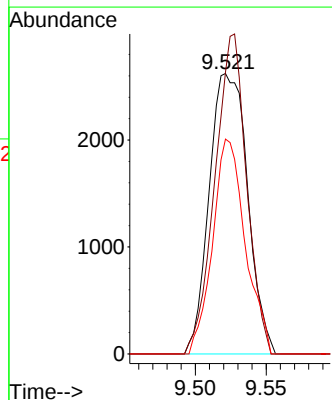
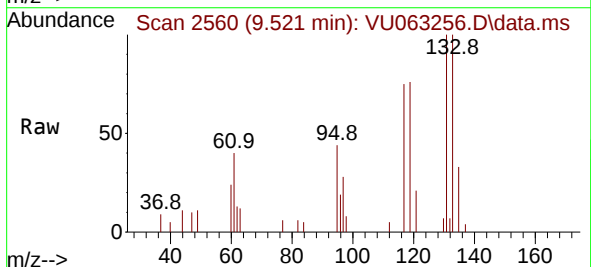
Manual Integrations
APPROVED

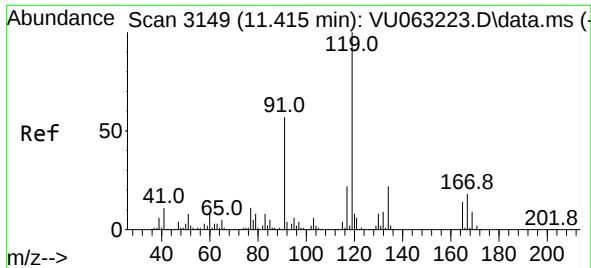
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.400 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:131 Resp: 4936
Ion Ratio Lower Upper
131 100
133 94.4 76.7 115.1
119 65.2 54.4 81.6





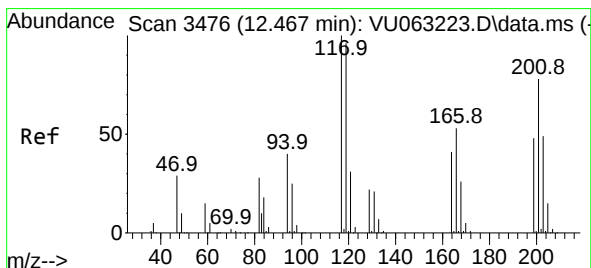
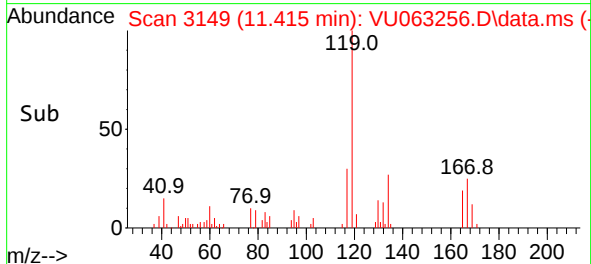
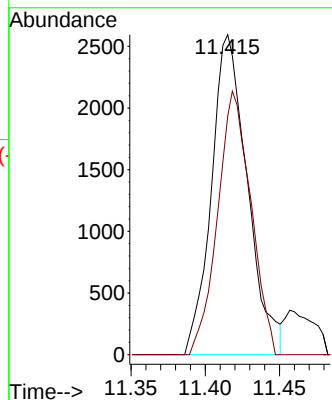
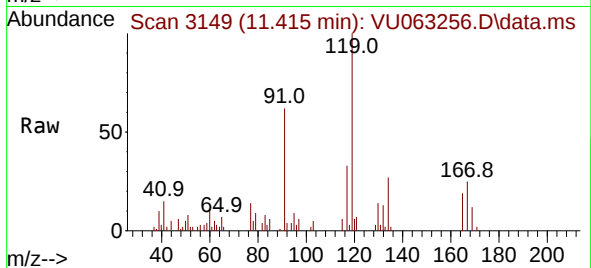
#61
Pentachloroethane
Concen: 0.397 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion:117 Resp: 437
Ion Ratio Lower Upper
117 100
167 76.2 65.0 97.6

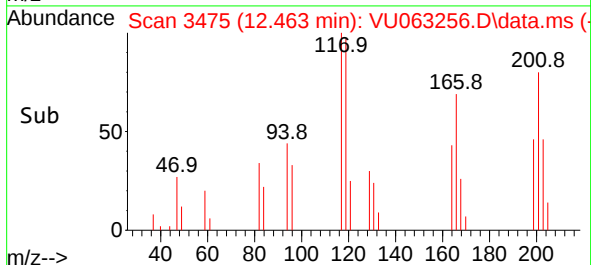
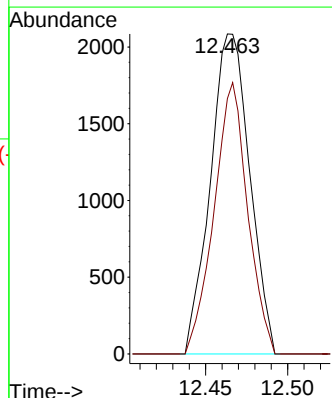
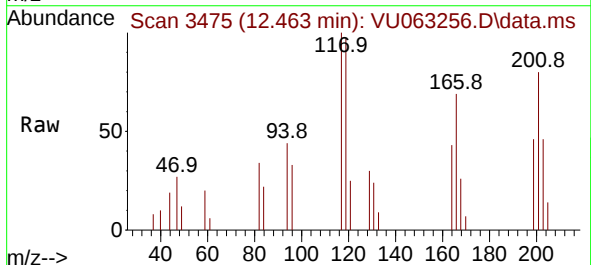
Manual Integrations
APPROVED

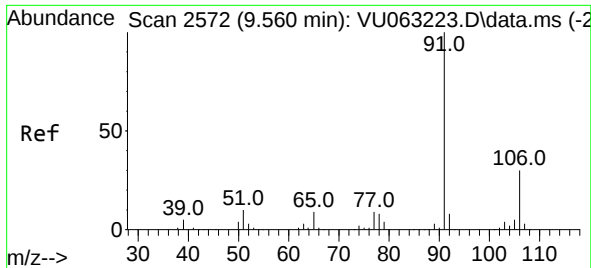
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#62
Hexachloroethane
Concen: 0.357 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:117 Resp: 3474
Ion Ratio Lower Upper
117 100
201 72.4 61.3 91.9





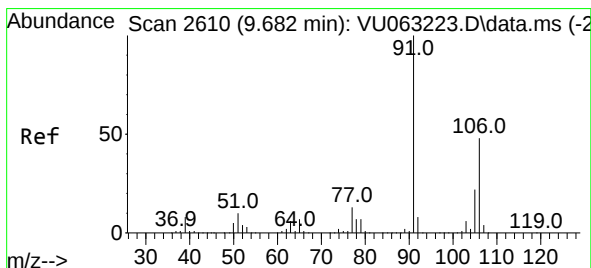
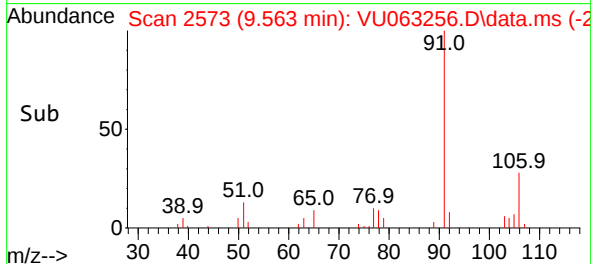
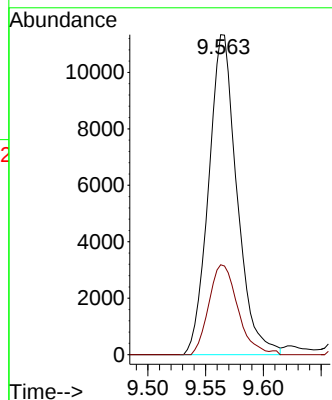
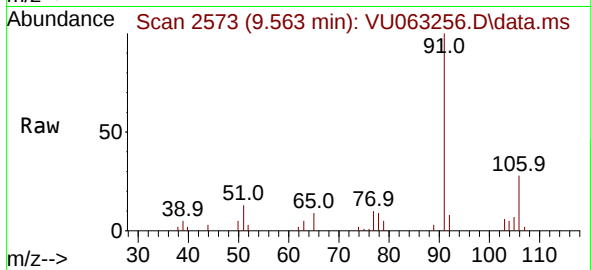
#63
Ethyl Benzene
Concen: 0.327 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion: 91 Resp: 1931
Ion Ratio Lower Upper
91 100
106 28.1 24.2 36.2

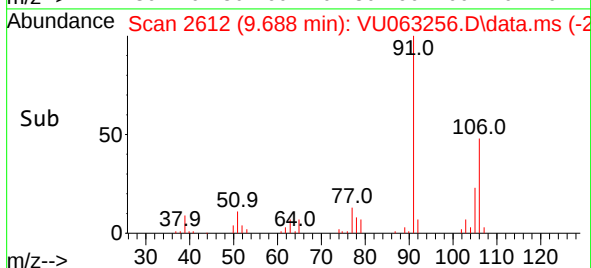
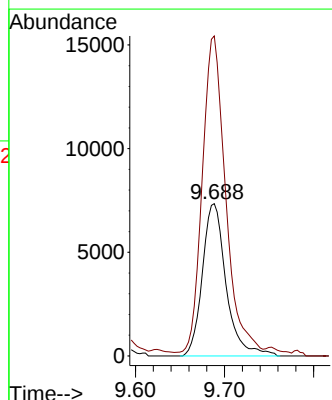
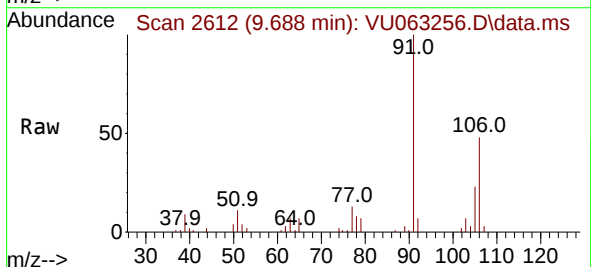
Manual Integrations
APPROVED

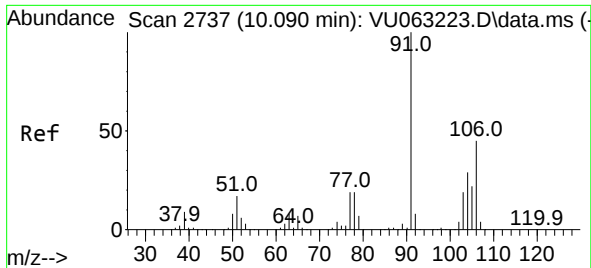
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#64
m/p-Xylenes
Concen: 0.615 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:106 Resp: 13584
Ion Ratio Lower Upper
106 100
91 202.3 166.9 250.3





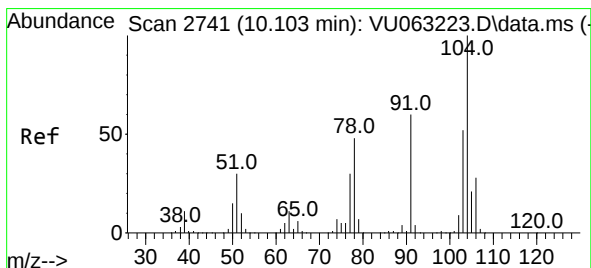
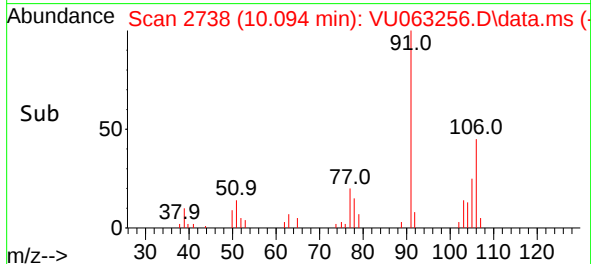
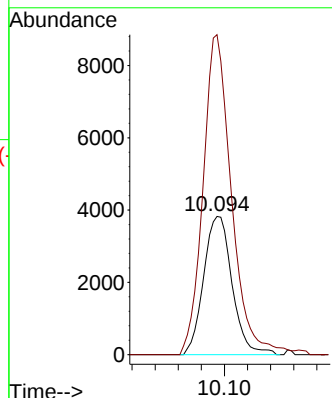
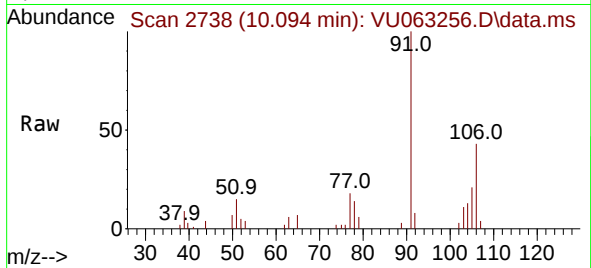
#65
o-Xylene
Concen: 0.302 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion:106 Resp: 6530
Ion Ratio Lower Upper
106 100
91 231.1 110.9 332.9

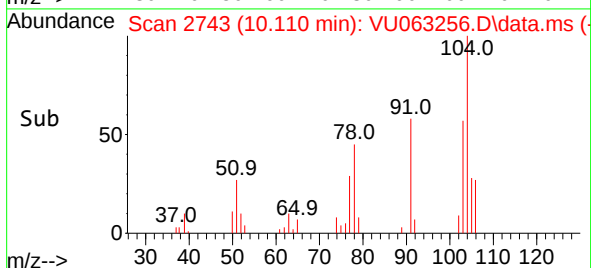
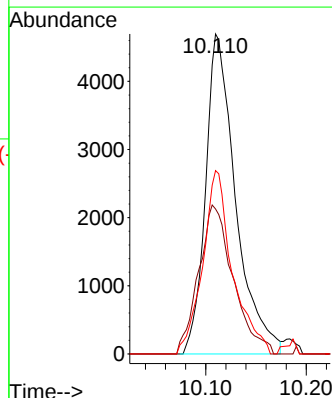
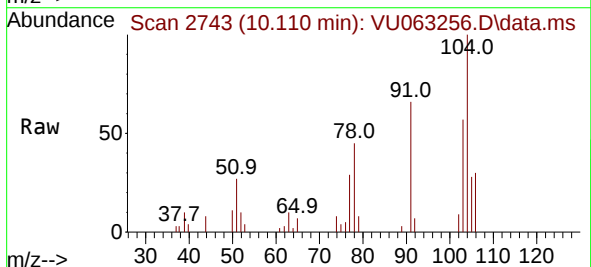
Manual Integrations
APPROVED

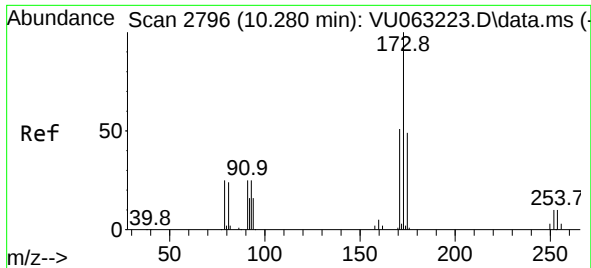
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#66
Styrene
Concen: 0.284 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

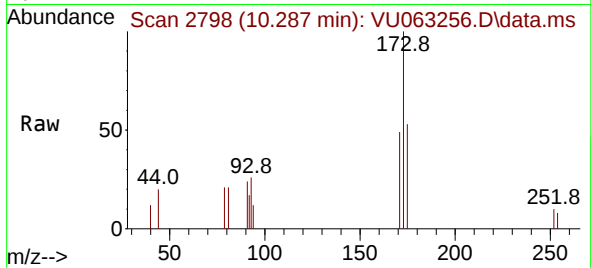
Tgt Ion:104 Resp: 9785
Ion Ratio Lower Upper
104 100
78 53.2 41.2 61.8
103 56.5 44.8 67.2





#67
Bromoform
Concen: 0.359 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

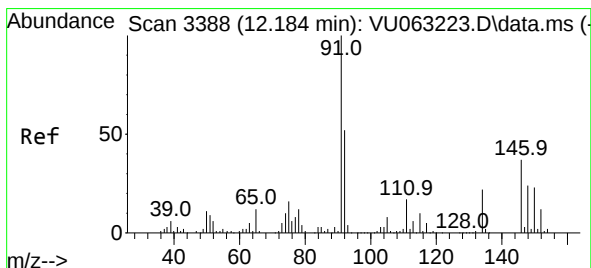
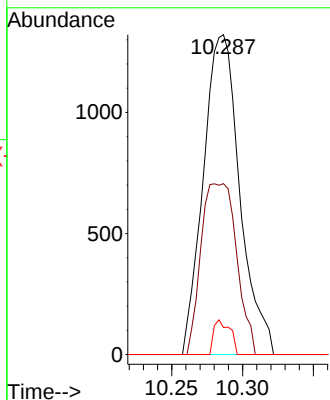
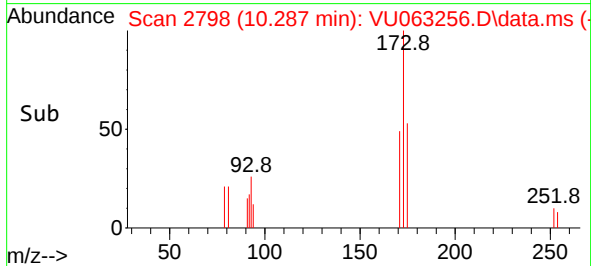
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



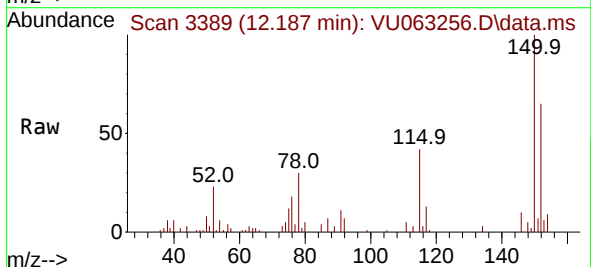
Tgt Ion:173 Resp: 236
Ion Ratio Lower Upper
173 100
175 52.0 39.0 58.4
254 4.8 7.7 11.5

Manual Integrations
APPROVED

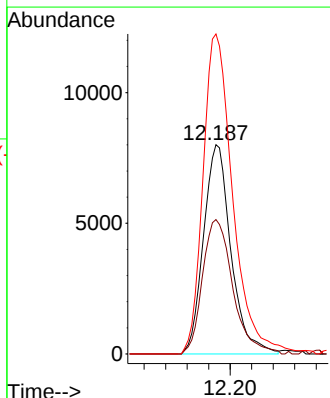
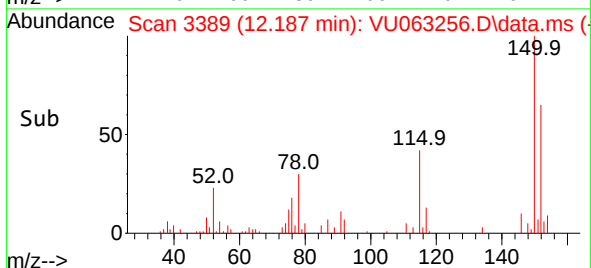
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

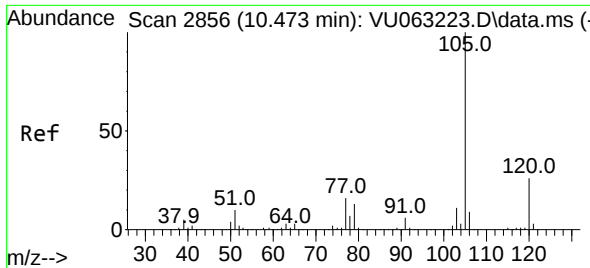


#68
1,2-Dichlorobenzene-d4
Concen: 0.900 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



Tgt Ion:152 Resp: 14191
Ion Ratio Lower Upper
152 100
115 70.7 0.0 275.2
150 165.7 0.0 658.4





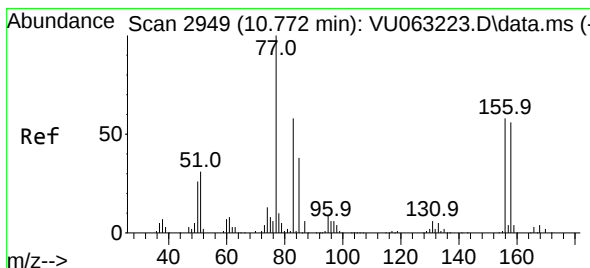
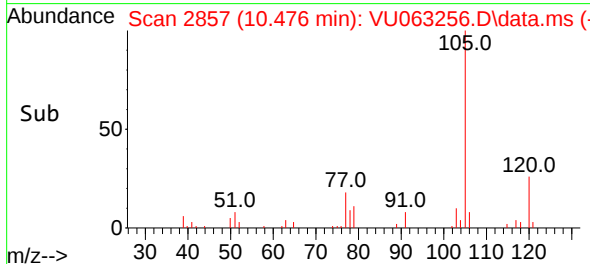
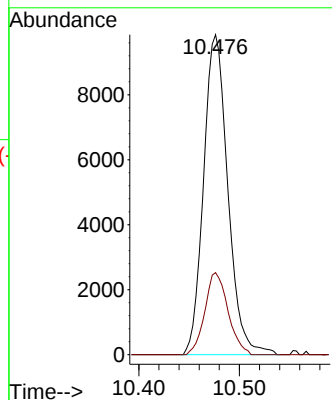
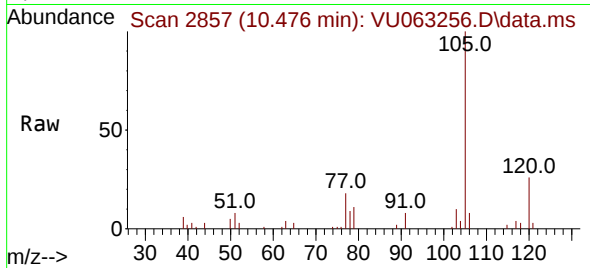
#69
Isopropylbenzene
Concen: 0.325 ug/l
RT: 10.476 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion: 105 Resp: 1651
Ion Ratio Lower Upper
105 100
120 24.4 12.8 38.4

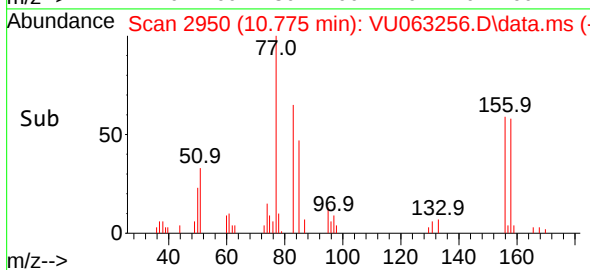
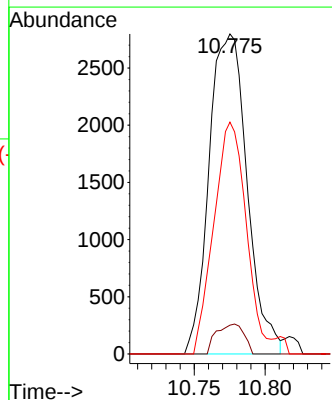
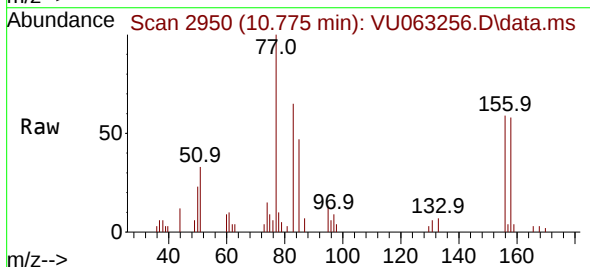
Manual Integrations
APPROVED

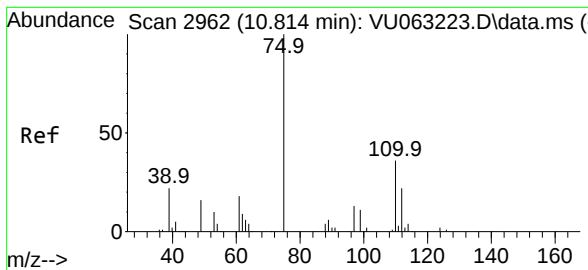
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.383 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

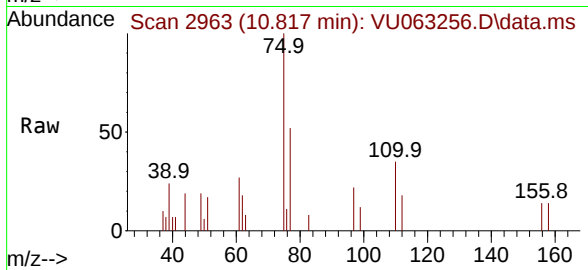
Tgt Ion: 83 Resp: 5219
Ion Ratio Lower Upper
83 100
131 6.8 7.4 11.0#
85 61.8 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 0.358 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

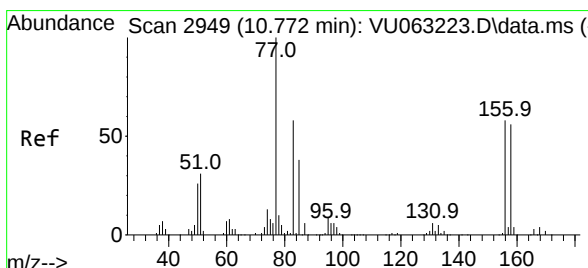
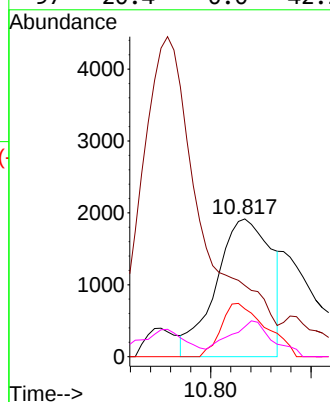
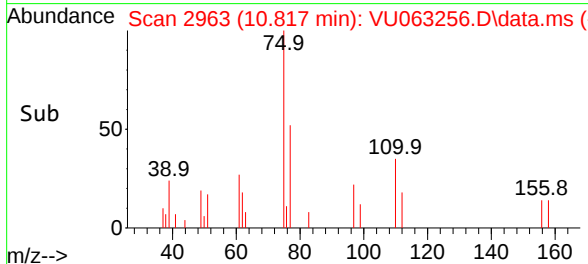
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



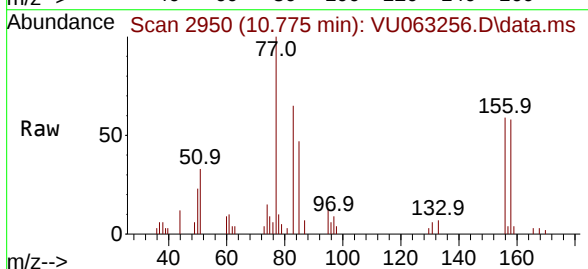
Tgt Ion:	75	Resp:	365
Ion Ratio	Lower	Upper	
75	100		
77	29.0	0.0	0.0
110	31.2	0.0	77.0
97	20.4	0.0	42.2

Manual Integrations
APPROVED

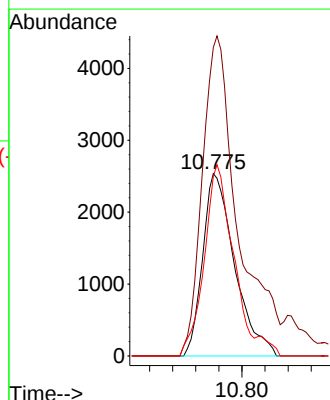
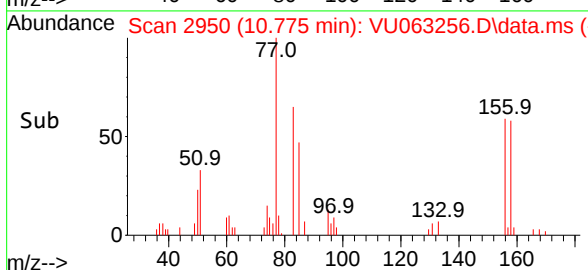
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

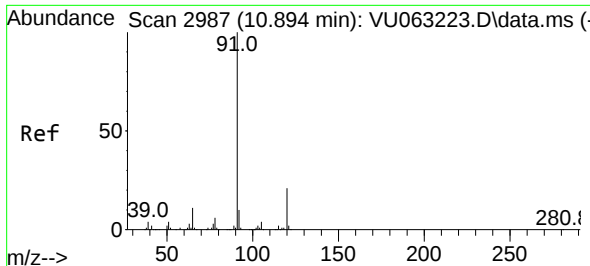


#72
Bromobenzene
Concen: 0.355 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



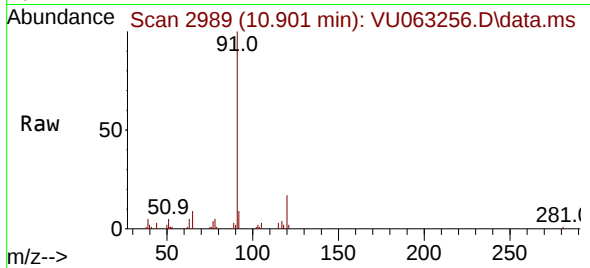
Tgt Ion:	156	Resp:	4863
Ion Ratio	Lower	Upper	
156	100		
77	195.6	0.0	343.6
158	98.4	0.0	193.0





#73
n-propylbenzene
Concen: 0.300 ug/l
RT: 10.901 min Scan# 2987
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

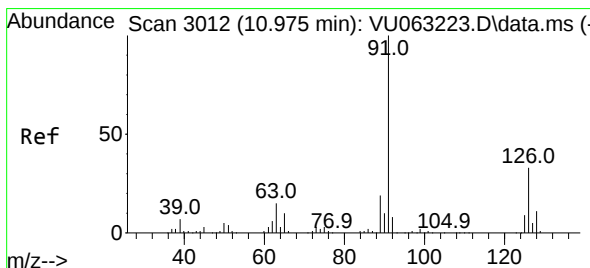
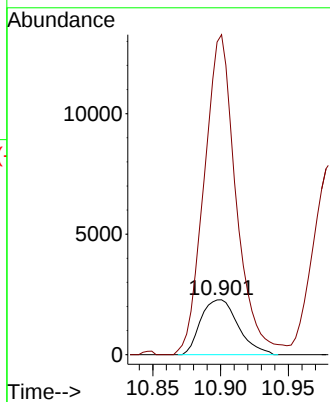
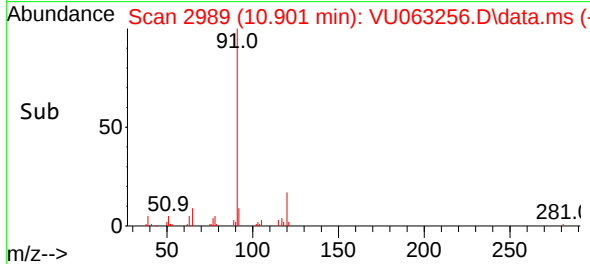
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:120 Resp: 4372
Ion Ratio Lower Upper
120 100
91 499.5 369.8 554.6

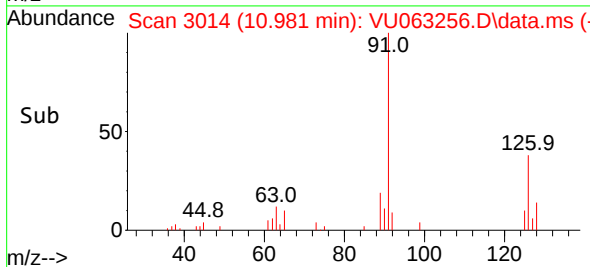
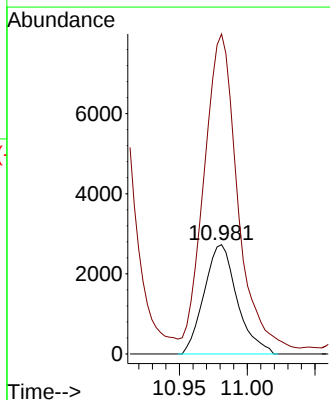
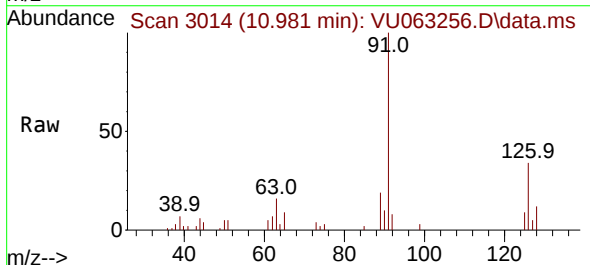
Manual Integrations
APPROVED

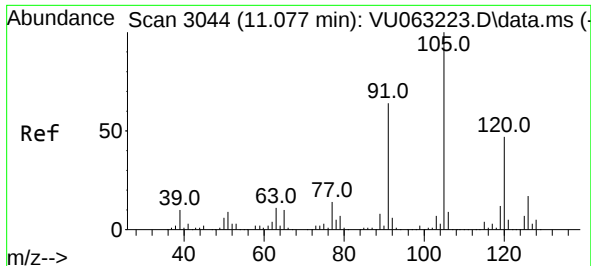
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#74
2-Chlorotoluene
Concen: 0.344 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:126 Resp: 4612
Ion Ratio Lower Upper
126 100
91 292.5 0.0 623.8





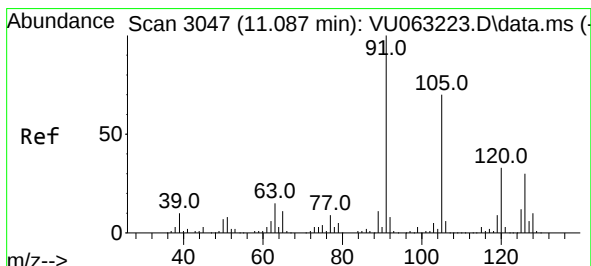
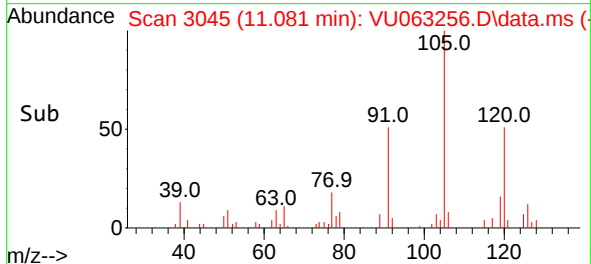
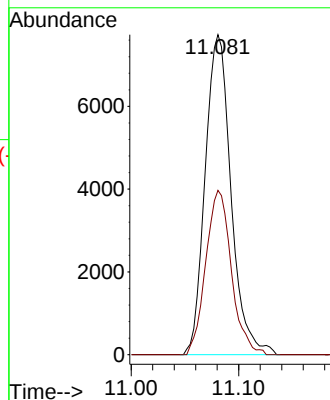
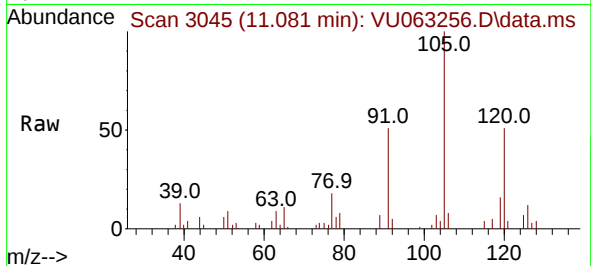
#75
1,3,5-Trimethylbenzene
Concen: 0.274 ug/l
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

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

Tgt Ion:105 Resp: 12904
Ion Ratio Lower Upper
105 100
120 50.9 37.3 55.9

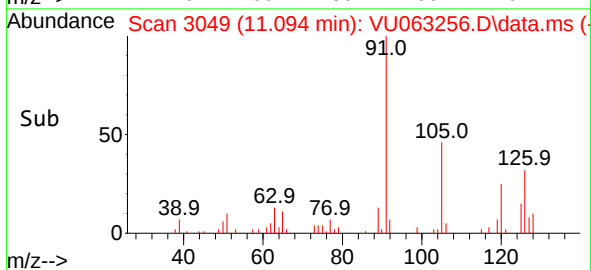
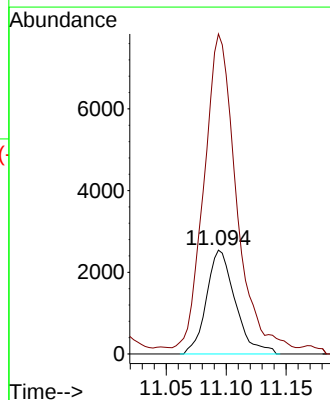
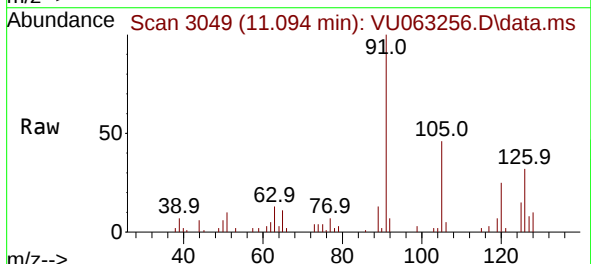
Manual Integrations
APPROVED

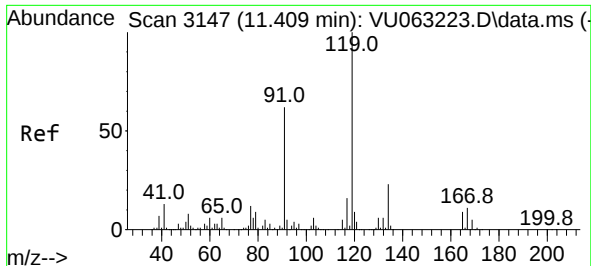
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#76
4-Chlorotoluene
Concen: 0.307 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

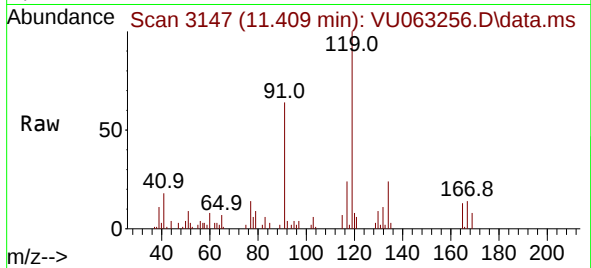
Tgt Ion:126 Resp: 4229
Ion Ratio Lower Upper
126 100
91 336.3 0.0 703.6





#77
tert-Butylbenzene
Concen: 0.305 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

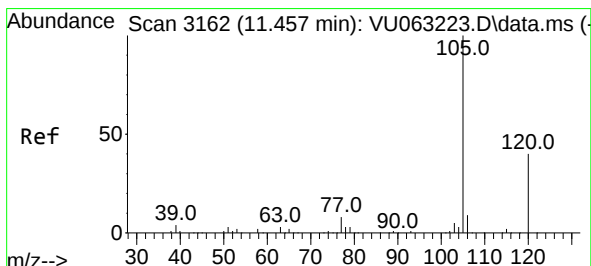
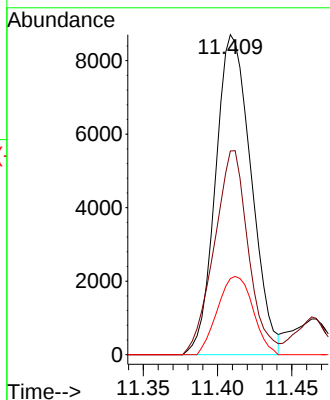
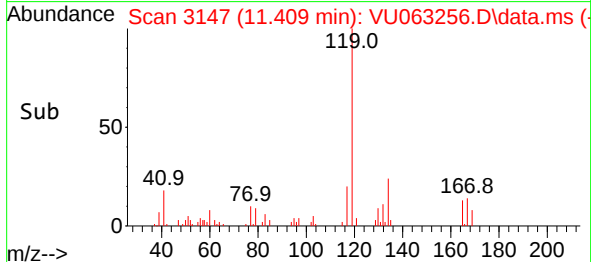
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



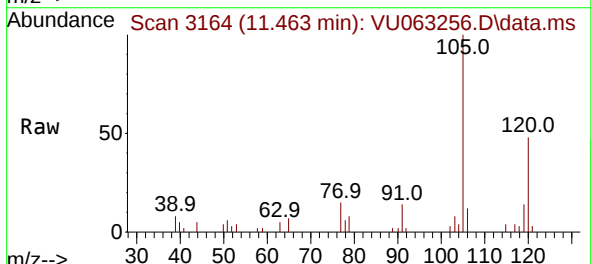
Tgt Ion:119 Resp: 1454
Ion Ratio Lower Upper
119 100
91 61.0 29.4 88.3
134 24.2 17.6 26.4

Manual Integrations
APPROVED

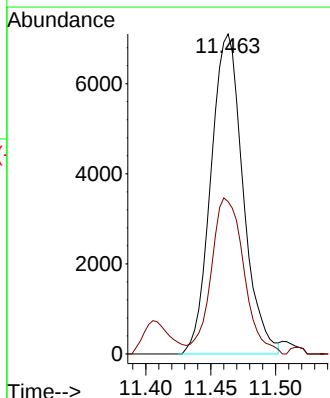
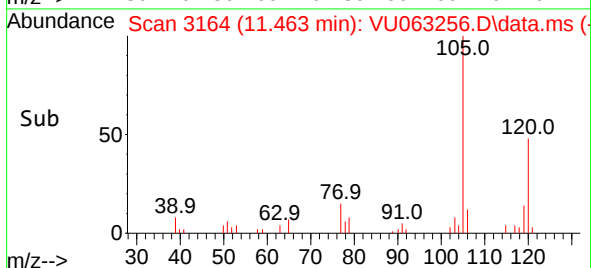
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

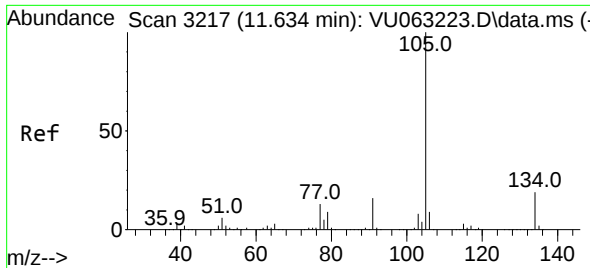


#78
1,2,4-Trimethylbenzene
Concen: 0.261 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



Tgt Ion:105 Resp: 12207
Ion Ratio Lower Upper
105 100
120 49.5 21.9 65.7





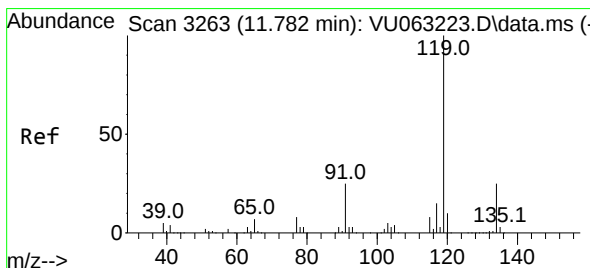
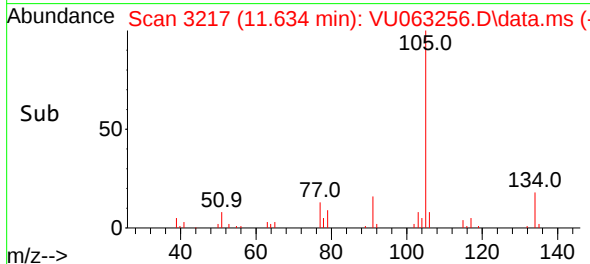
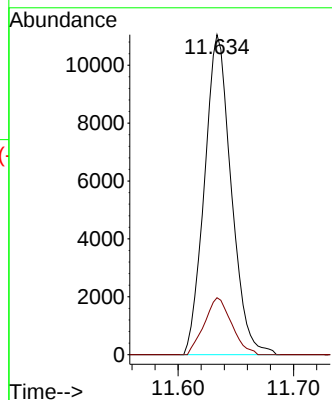
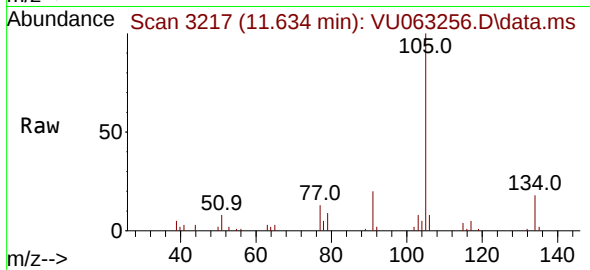
#79
 sec-Butylbenzene
 Concen: 0.294 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

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

Tgt Ion:105 Resp: 17810
 Ion Ratio Lower Upper
 105 100
 134 18.1 15.1 22.7

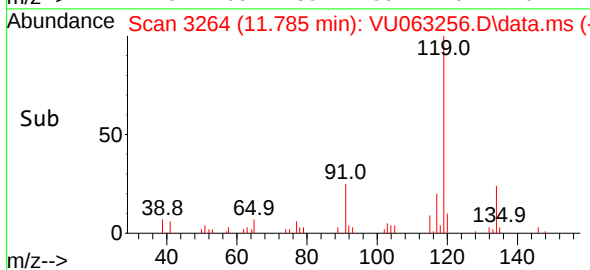
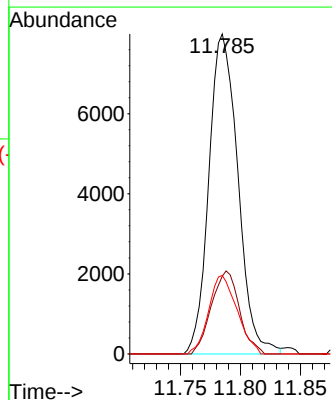
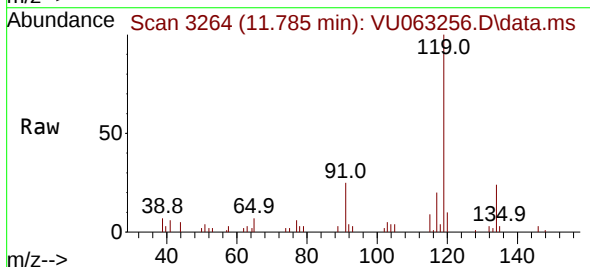
Manual Integrations
 APPROVED

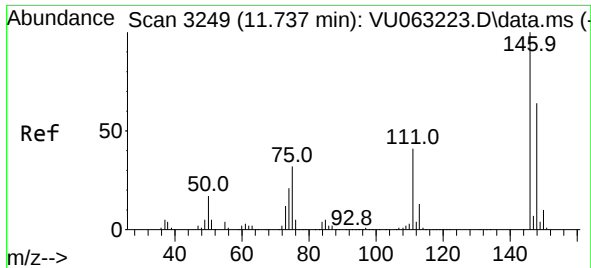
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#81
 p-Isopropyltoluene
 Concen: 0.281 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. 0.003 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

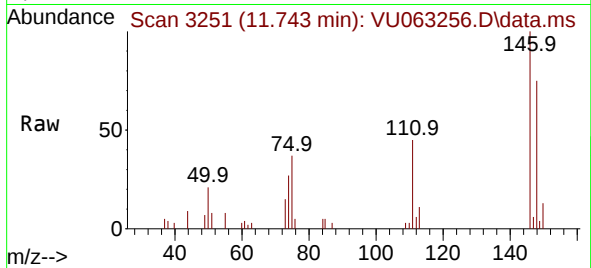
Tgt Ion:119 Resp: 13443
 Ion Ratio Lower Upper
 119 100
 134 25.0 20.3 30.5
 91 24.0 19.4 29.2





#82
1,3-Dichlorobenzene
Concen: 0.337 ug/l
RT: 11.743 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

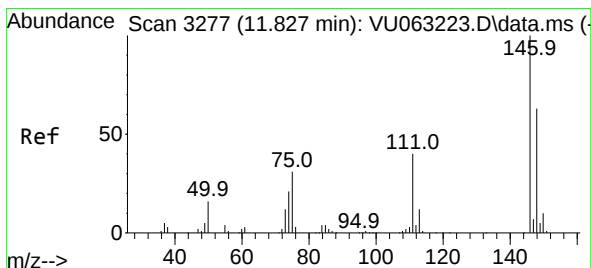
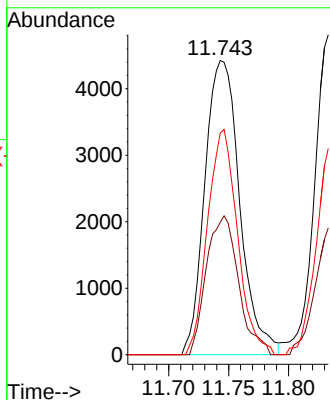
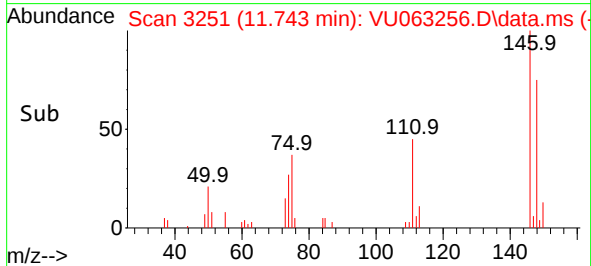
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



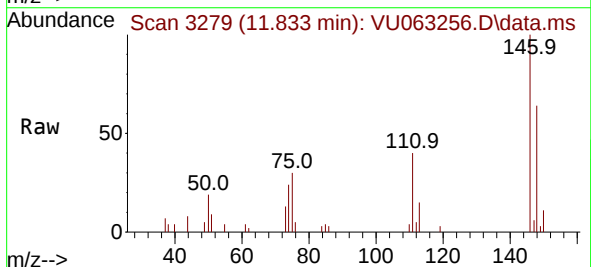
Tgt Ion:146 Resp: 896
Ion Ratio Lower Upper
146 100
111 43.5 32.8 49.2
148 65.8 51.1 76.7

Manual Integrations
APPROVED

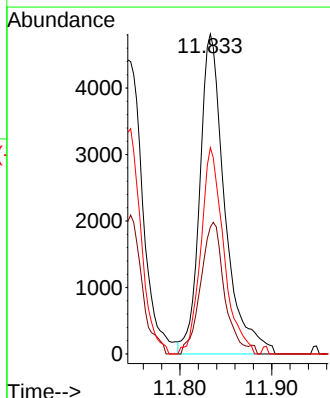
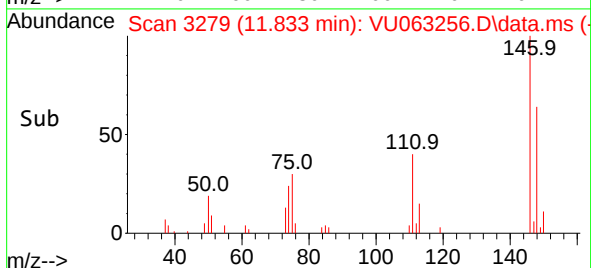
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

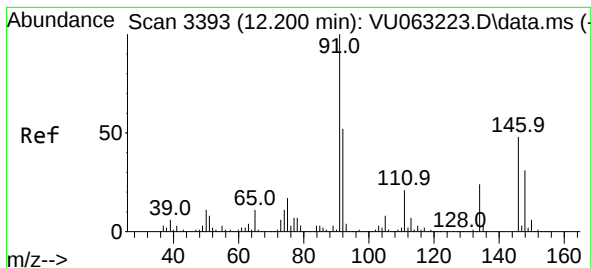


#83
1,4-Dichlorobenzene
Concen: 0.351 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



Tgt Ion:146 Resp: 9115
Ion Ratio Lower Upper
146 100
111 39.5 32.1 48.1
148 59.1 50.2 75.4





#84

n-Butylbenzene

Concen: 0.275 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

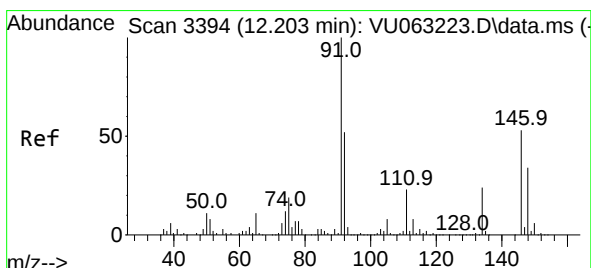
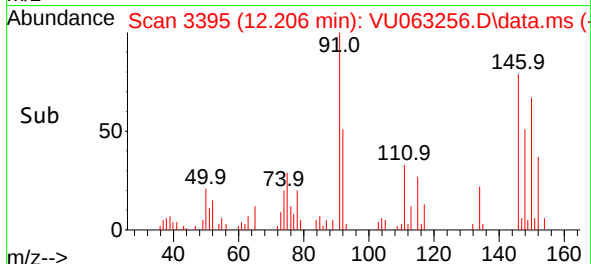
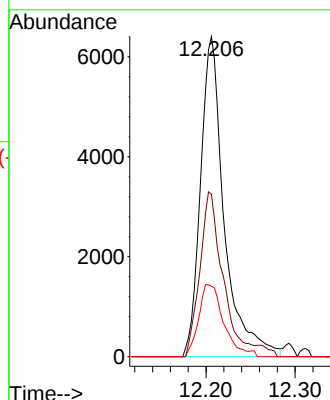
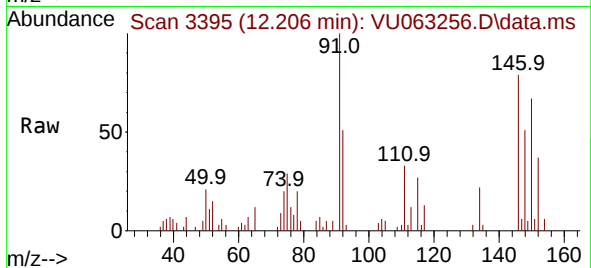
MDL-WATER-03-QT1-2025

Tgt Ion:	91	Resp:	1181
Ion Ratio	Lower	Upper	
91	100		
92	51.9	41.8	62.8
134	23.8	18.6	28.0

Manual Integrations

APPROVED

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



#85

1,2-Dichlorobenzene

Concen: 0.360 ug/l

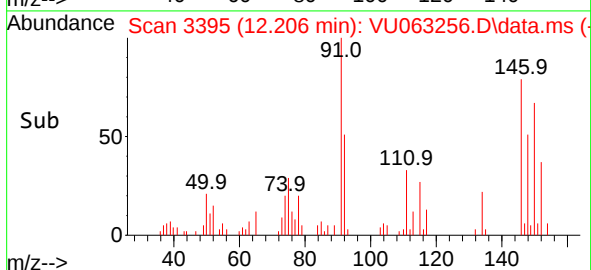
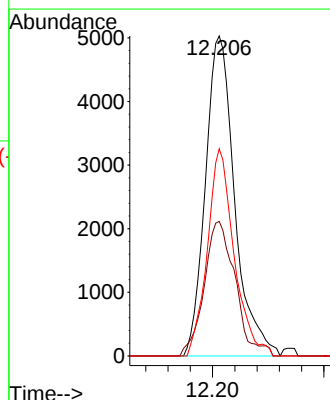
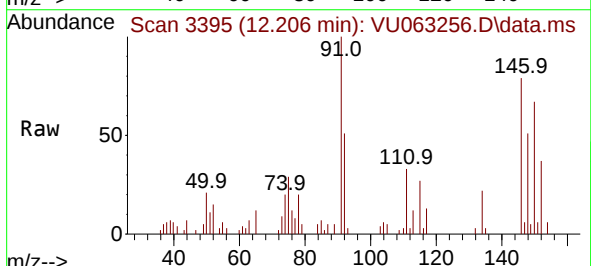
RT: 12.206 min Scan# 3395

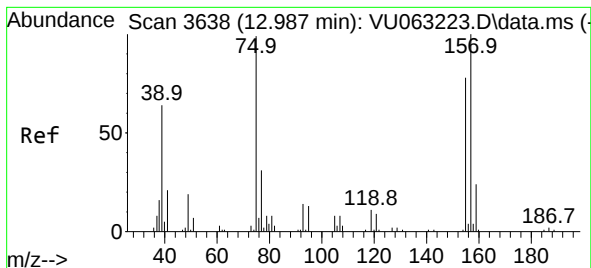
Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

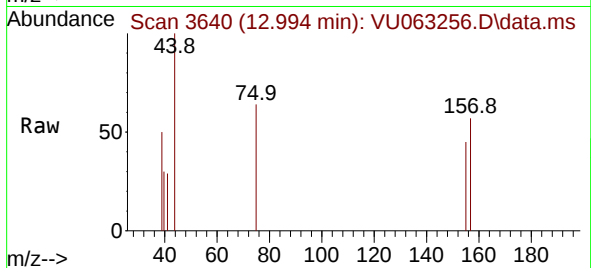
Tgt Ion:	146	Resp:	9181
Ion Ratio	Lower	Upper	
146	100		
111	44.6	21.9	65.7
148	59.2	32.3	96.9





#86
1,2-Dibromo-3-Chloropropane
Concen: 0.272 ug/l m
RT: 12.994 min Scan# 3638
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

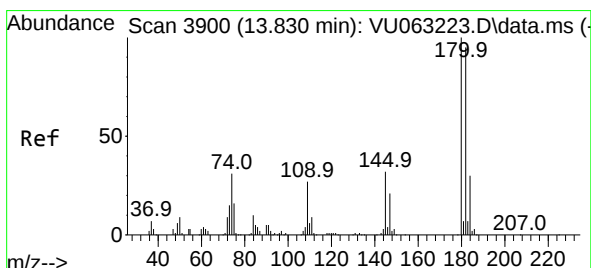
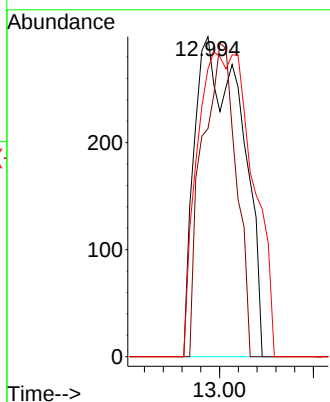
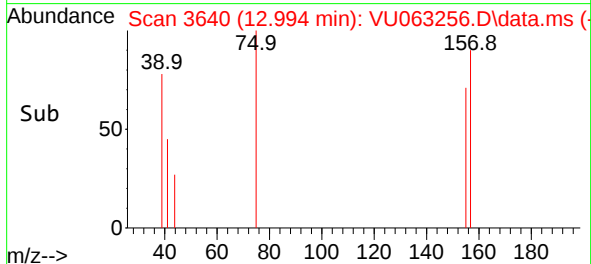
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



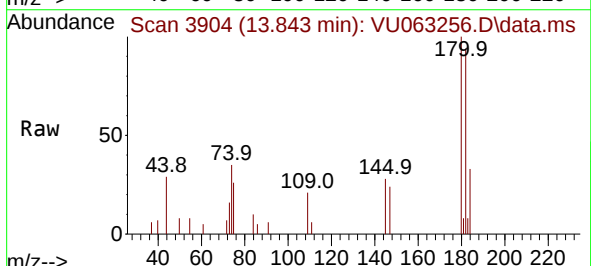
Tgt Ion: 75 Resp: 520
Ion Ratio Lower Upper
75 100
155 70.2 63.5 95.3
157 111.2 81.8 122.6

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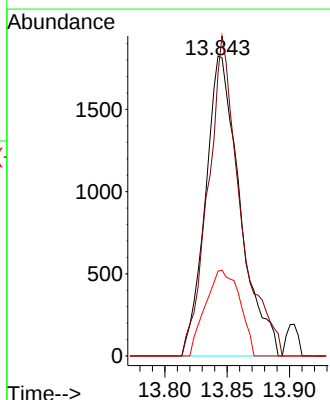
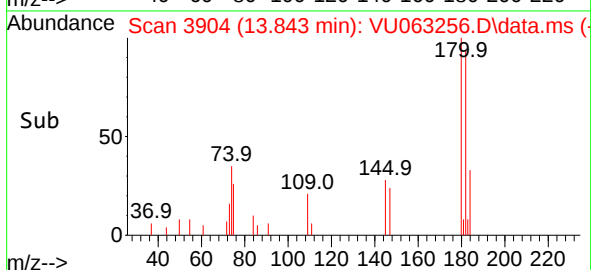
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

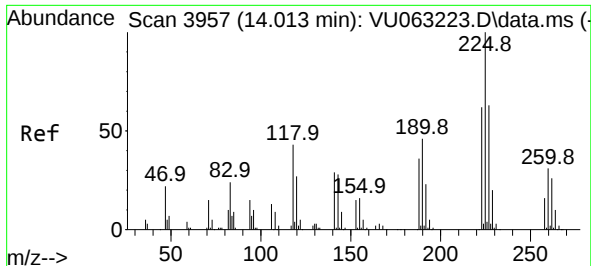


#87
1,2,4-Trichlorobenzene
Concen: 0.282 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.013 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



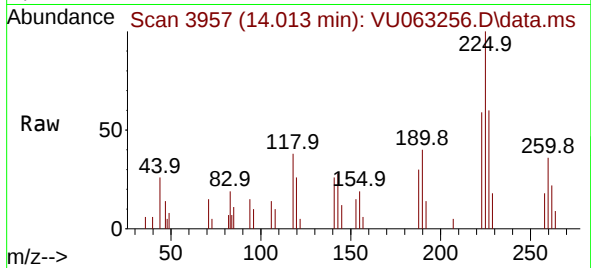
Tgt Ion:180 Resp: 3511
Ion Ratio Lower Upper
180 100
182 99.0 76.6 115.0
145 28.4 25.4 38.2





#88
Hexachlorobutadiene
Concen: 0.409 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

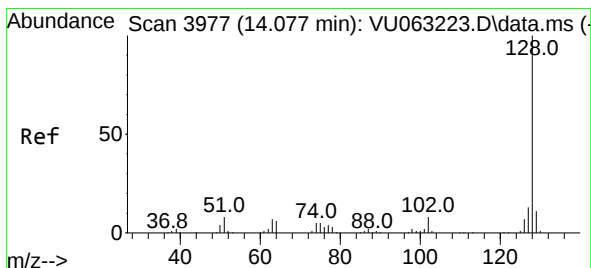
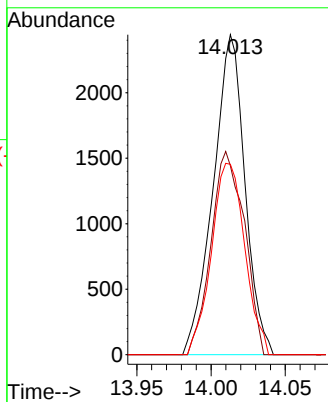
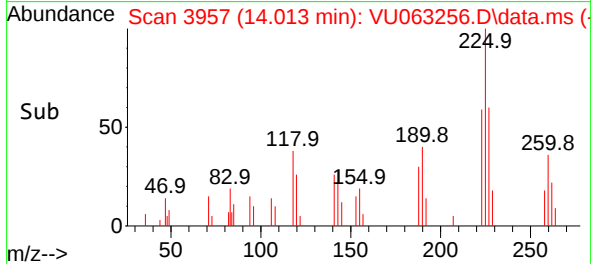
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2025



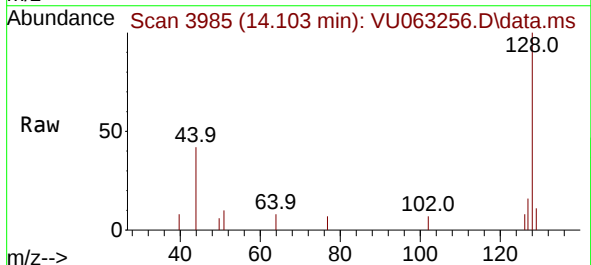
Tgt Ion:225 Resp: 3638
Ion Ratio Lower Upper
225 100
223 66.7 49.5 74.3
227 62.9 51.0 76.4

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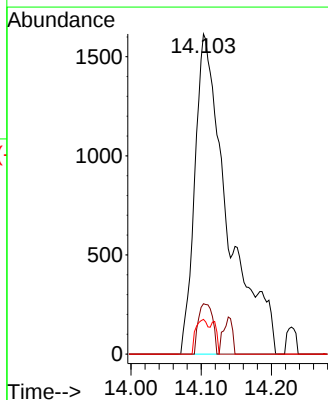
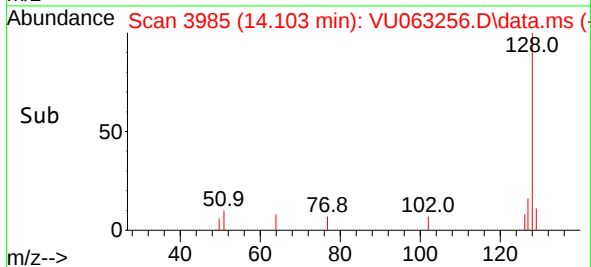
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

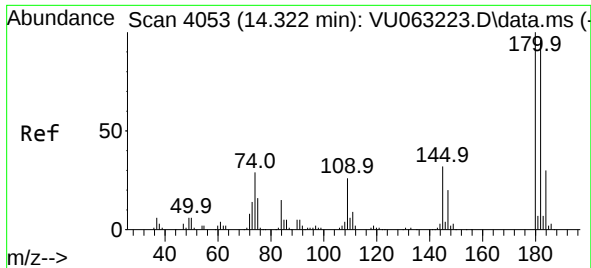


#89
Naphthalene
Concen: 0.261 ug/l m
RT: 14.103 min Scan# 3985
Delta R.T. 0.026 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55



Tgt Ion:128 Resp: 5241
Ion Ratio Lower Upper
128 100
127 6.8 10.6 16.0#
129 4.4 8.6 13.0#





#90

1,2,3-Trichlorobenzene

Concen: 0.278 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.010 min

Lab File: VU063256.D

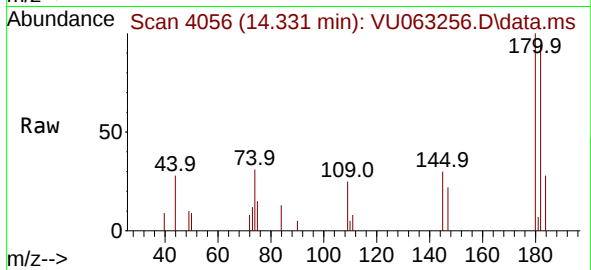
Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025



Tgt Ion:	180	Resp:	339
Ion	Ratio	Lower	Upper
180	100		
182	100.4	78.2	117.2
145	31.7	26.1	39.1

Manual Integrations

APPROVED

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

