

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063251.D
 Acq On : 12 Feb 2025 12:56
 Operator : MD/SY
 Sample : VU0212WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0212WBS01

Quant Time: Feb 13 03:10:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 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	6.103	96	51131	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17337	1.028	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	17238	0.983	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	32874	1.979	ug/l	95
3) Chloromethane	1.515	50	37771	1.974	ug/l	97
4) Vinyl Chloride	1.599	62	36923	1.951	ug/l	98
5) Bromomethane	1.824	94	20801	2.249	ug/l	98
6) Chloroethane	1.911	64	23326	1.956	ug/l	97
7) Trichlorofluoromethane	2.123	101	44667	1.991	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	25640	2.014	ug/l	98
9) 1,1-Dichloroethene	2.567	96	25934	1.999	ug/l	98
10) Iodomethane	2.708	142	41607	2.040	ug/l	100
11) Allyl Chloride	2.907	41	36781	1.974	ug/l	99
12) Acrylonitrile	3.316	53	12135	4.056	ug/l	93
13) Acetone	2.615	43	23779	10.336	ug/l	95
14) Carbon Disulfide	2.779	76	85777	1.891	ug/l	97
15) Methylene Chloride	3.030	84	31815	1.985	ug/l	95
16) trans-1,2-Dichloroethene	3.338	96	29107	1.966	ug/l	94
17) 1,1-Dichloroethane	3.850	63	55417	1.986	ug/l	99
18) 2-Butanone	4.702	43	32440	8.860	ug/l	97
19) Cyclohexane	5.374	56	42779m	1.908	ug/l	
20) Methylcyclohexane	6.750	83	44086	1.983	ug/l	98
21) 2,2-Dichloropropane	4.647	77	43300	1.989	ug/l	99
22) cis-1,2-Dichloroethene	4.653	96	31577	1.974	ug/l	99
23) Diethyl Ether	2.364	59	21191	1.904	ug/l	99
24) tert-Butyl Alcohol	3.174	59	29904	21.171	ug/l	# 93
25) Methyl tert-Butyl Ether	3.348	73	63104	1.948	ug/l	97
26) Bromochloromethane	4.959	128	14144	2.023	ug/l	98
27) Chloroform	5.075	83	57173	2.030	ug/l	99
28) 1,1,1-Trichloroethane	5.300	97	45409	1.990	ug/l	98
29) 1,1-Dichloropropene	5.515	75	40742	1.994	ug/l	99
30) Carbon Tetrachloride	5.509	117	37714	1.928	ug/l	99
31) Isopropyl Ether	3.975	45	76353	1.916	ug/l	96
32) Ethyl-t-butyl ether	4.483	59	68833	1.900	ug/l	100
33) Tert-Amyl methyl ether	5.927	73	61563	1.945	ug/l	99
34) Propionitrile	4.772	54	11521m	10.432	ug/l	
35) Benzene	5.763	78	125217	1.993	ug/l	99
36) 1,2-Dichloroethane	5.782	62	36496	2.013	ug/l	100
37) Trichloroethene	6.534	130	30224	2.023	ug/l	93
38) 1,2-Dichloropropane	6.779	63	32315	1.965	ug/l	98
39) Methacrylonitrile	4.972	41	8096	1.967	ug/l	93
40) Methyl acrylate	4.853	55	15111m	1.992	ug/l	
41) Tetrahydrofuran	5.049	42	9062	3.786	ug/l	95
42) 1-Chlorobutane	5.444	56	54007	1.932	ug/l	99
43) Dibromomethane	6.907	93	16622	1.996	ug/l	96
44) Bromodichloromethane	7.094	83	39273	2.026	ug/l	94

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Instrument :
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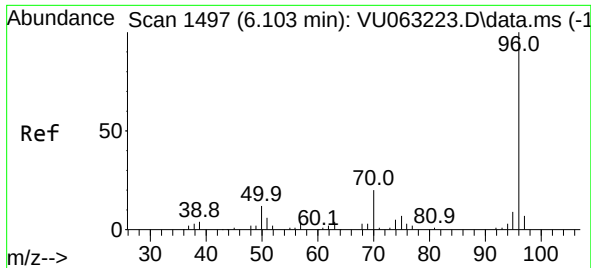
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/17/2025
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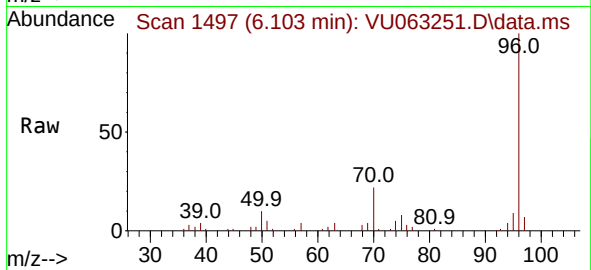
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45) 4-Methyl-2-Pentanone	7.782	43	83073	9.516	ug/l	98
46) t-1,4-Dichloro-2-butene	10.820	75	16859m	4.108	ug/l	
47) Methyl methacrylate	6.956	69	27267	3.888	ug/l	98
48) Ethyl methacrylate	8.325	69	25396	1.928	ug/l	98
49) Toluene	7.959	92	71512	1.979	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	34712	1.956	ug/l	99
51) cis-1,3-Dichloropropene	7.599	75	42816	1.953	ug/l	98
52) 1,1,2-Trichloroethane	8.390	97	22745	2.026	ug/l	98
53) 1,3-Dichloropropane	8.566	76	39631	1.988	ug/l	99
54) 2-Hexanone	8.679	43	53643	9.005	ug/l	99
55) Dibromochloromethane	8.798	129	25441	1.970	ug/l	97
56) 1,2-Dibromoethane	8.914	107	20372	1.935	ug/l	97
58) Tetrachloroethene	8.544	164	25526	2.073	ug/l	98
59) Chlorobenzene	9.438	112	75420	1.978	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	27395	1.999	ug/l	99
61) Pentachloroethane	11.415	117	23808	1.945	ug/l	93
62) Hexachloroethane	12.463	117	20151	1.861	ug/l	100
63) Ethyl Benzene	9.560	91	124557	1.894	ug/l	98
64) m/p-Xylenes	9.685	106	96092	3.912	ug/l	99
65) o-Xylene	10.090	106	48728	2.027	ug/l	95
66) Styrene	10.107	104	73539	1.922	ug/l	100
67) Bromoform	10.283	173	14014	1.912	ug/l	96
69) Isopropylbenzene	10.473	105	110230	1.950	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	29840	1.972	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	23230m	2.043	ug/l	
72) Bromobenzene	10.775	156	29771	1.955	ug/l	98
73) n-propylbenzene	10.897	120	31267	1.932	ug/l	99
74) 2-Chlorotoluene	10.978	126	30285	2.030	ug/l	98
75) 1,3,5-Trimethylbenzene	11.078	105	102401	1.955	ug/l	99
76) 4-Chlorotoluene	11.090	126	30015	1.962	ug/l	99
77) tert-Butylbenzene	11.409	119	103577	1.955	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	100810	1.940	ug/l	100
79) sec-Butylbenzene	11.634	105	133023	1.972	ug/l	100
80) Nitrobenzene	13.229	77	2781m	9.568	ug/l	
81) p-Isopropyltoluene	11.785	119	104011	1.954	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	57876	1.959	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	57047	1.974	ug/l	99
84) n-Butylbenzene	12.200	91	88658	1.858	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	56355	1.985	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	3704	1.744	ug/l	91
87) 1,2,4-Trichlorobenzene	13.836	180	24294	1.755	ug/l	99
88) Hexachlorobutadiene	14.010	225	20391	2.061	ug/l	98
89) Naphthalene	14.084	128	31946	1.689	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	21647	1.598	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
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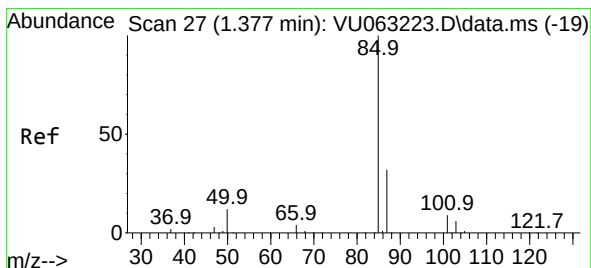
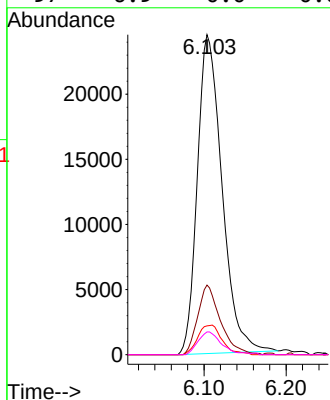
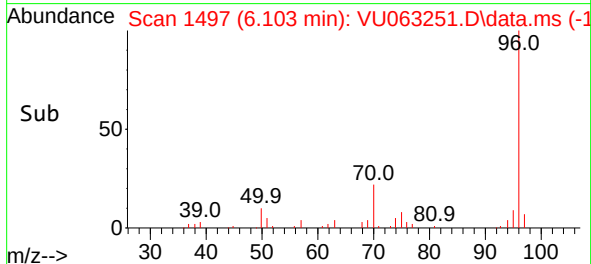
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



Tgt Ion	Ratio	Lower	Upper
96	100		
70	20.1	15.6	23.4
95	9.2	7.3	10.9
97	6.9	0.0	0.0

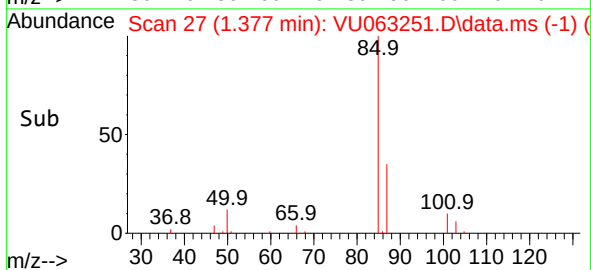
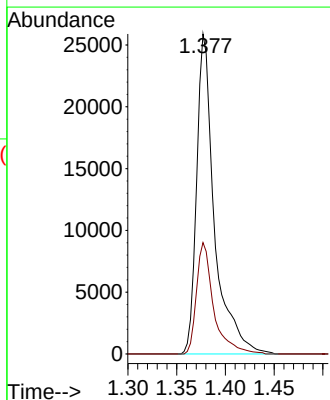
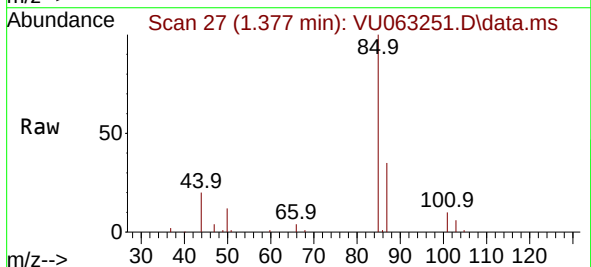
Manual Integrations
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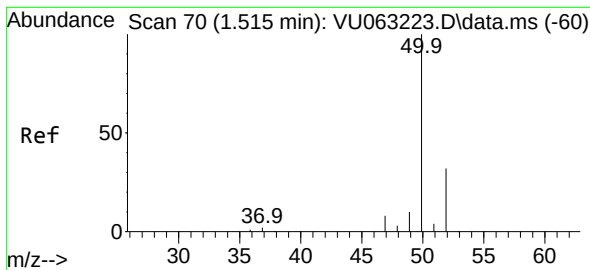
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#2
Dichlorodifluoromethane
Concen: 1.979 ug/l
RT: 1.377 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.8	16.0	48.0





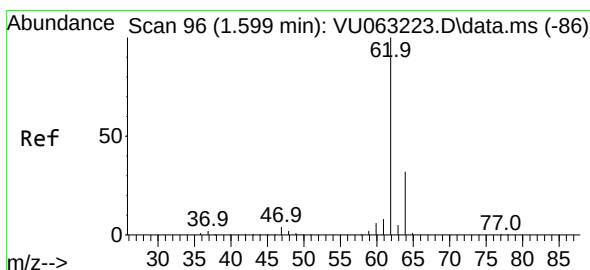
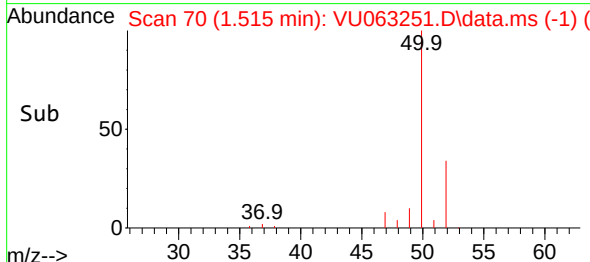
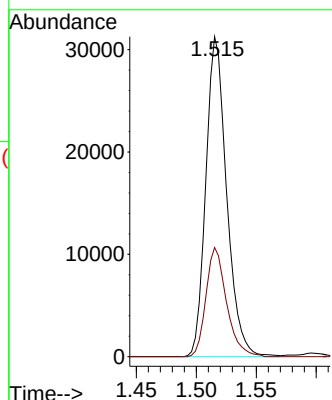
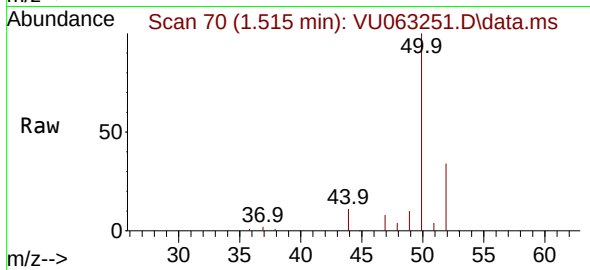
#3
Chloromethane
Concen: 1.974 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion: 50 Resp: 3777
Ion Ratio Lower Upper
50 100
52 34.1 25.8 38.8

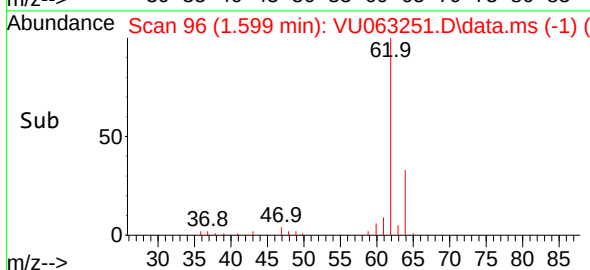
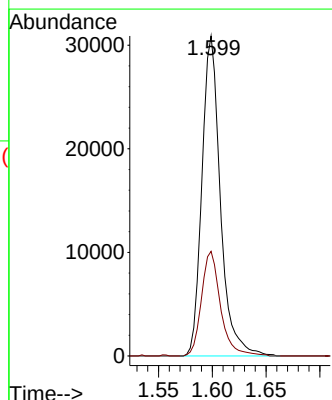
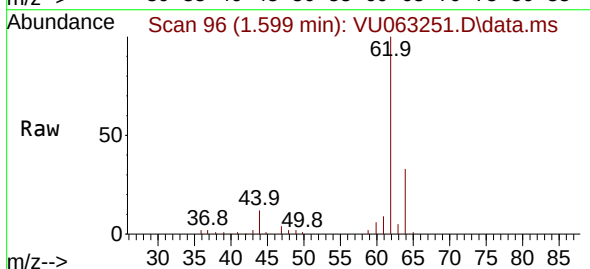
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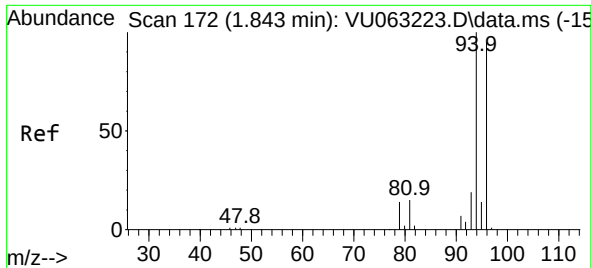
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#4
Vinyl Chloride
Concen: 1.951 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

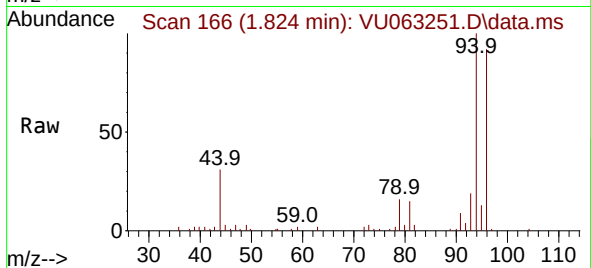
Tgt Ion: 62 Resp: 36923
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5
Bromomethane
Concen: 2.249 ug/l
RT: 1.824 min Scan# 10
Delta R.T. -0.019 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

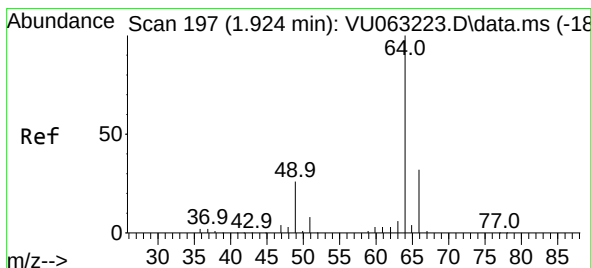
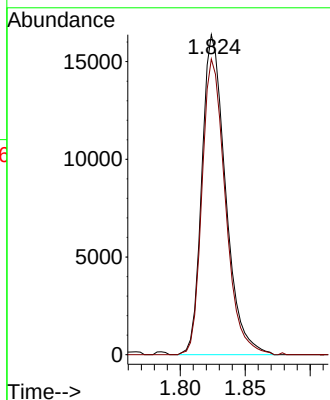
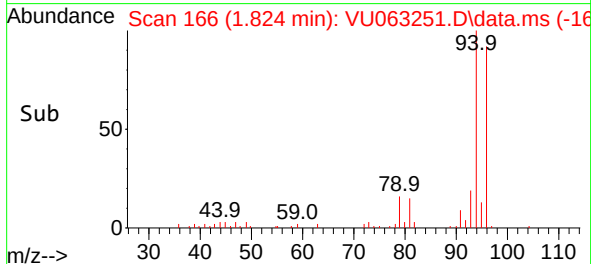
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



Tgt Ion: 94 Resp: 2080
Ion Ratio Lower Upper
94 100
96 92.4 75.7 113.5

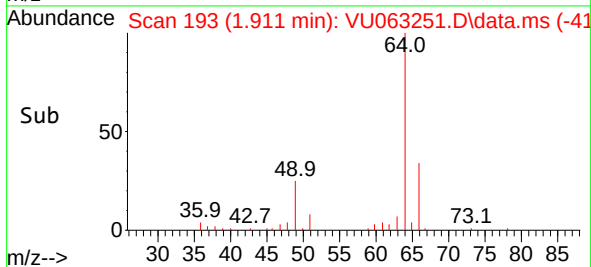
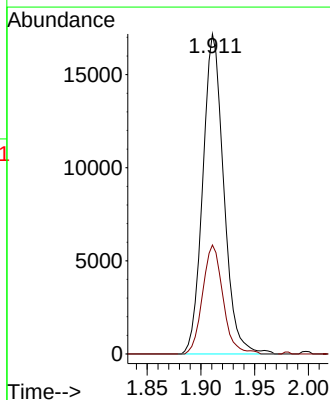
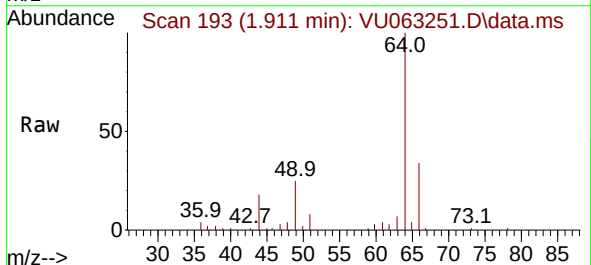
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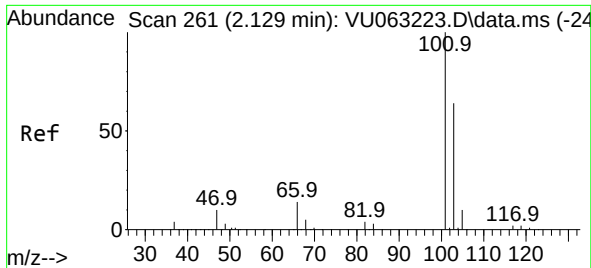
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#6
Chloroethane
Concen: 1.956 ug/l
RT: 1.911 min Scan# 193
Delta R.T. -0.013 min
Lab File: VU063251.D
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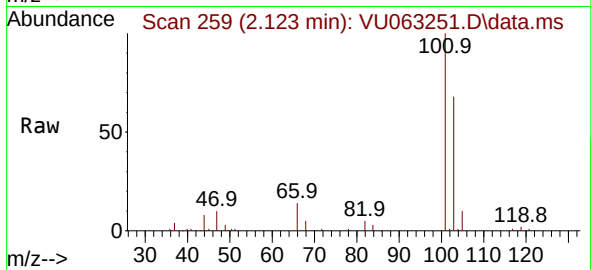
Tgt Ion: 64 Resp: 23326
Ion Ratio Lower Upper
64 100
66 34.1 25.8 38.8





#7
Trichlorofluoromethane
Concen: 1.991 ug/l
RT: 2.123 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

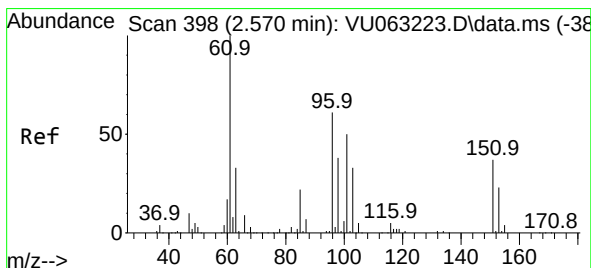
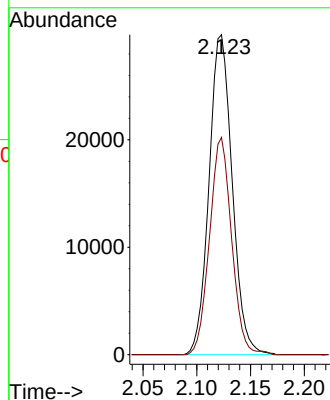
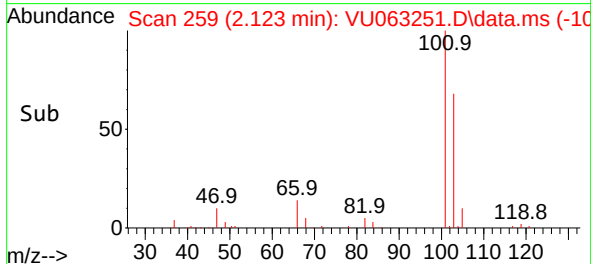
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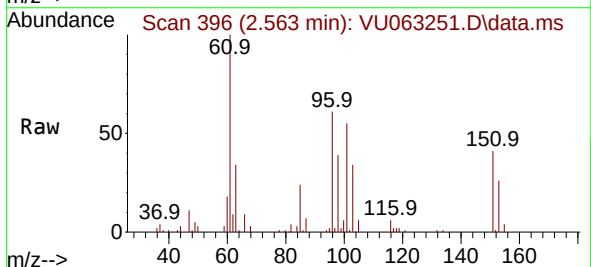
Tgt Ion:101 Resp: 4466
Ion Ratio Lower Upper
101 100
103 67.9 51.4 77.2

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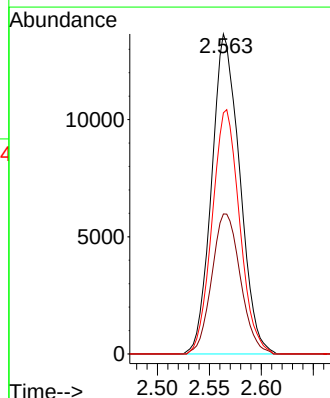
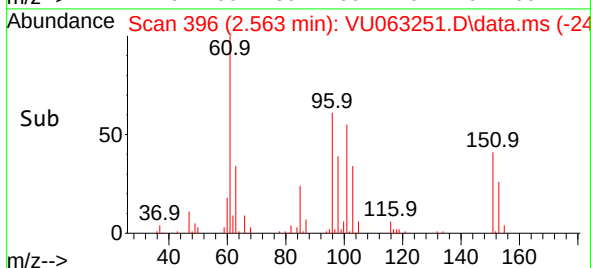
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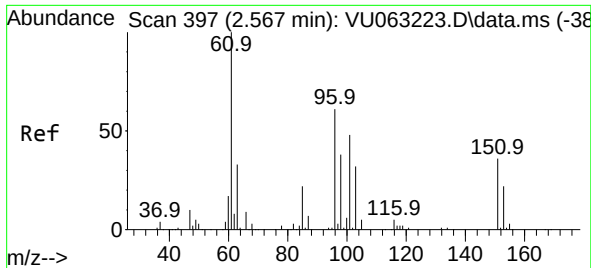


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.014 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.006 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



Tgt Ion:101 Resp: 25640
Ion Ratio Lower Upper
101 100
85 44.6 35.4 53.0
151 74.9 58.5 87.7





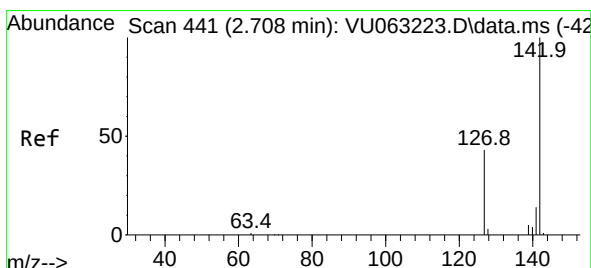
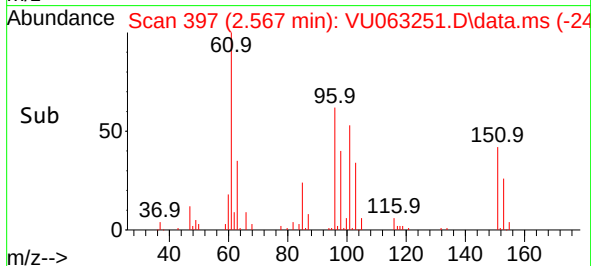
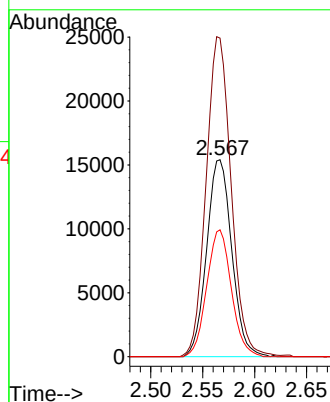
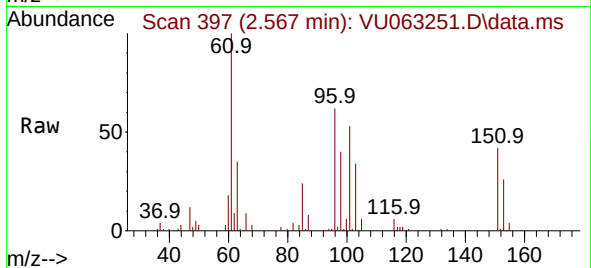
#9
1,1-Dichloroethene
Concen: 1.999 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion: 96 Resp: 25934
Ion Ratio Lower Upper
96 100
61 161.7 0.0 492.9
98 64.4 0.0 124.0

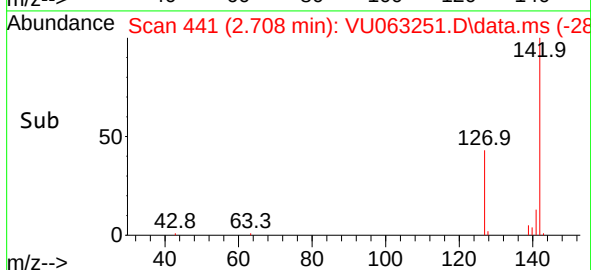
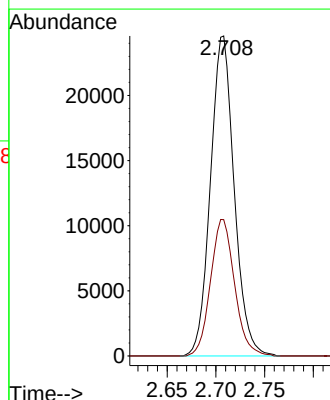
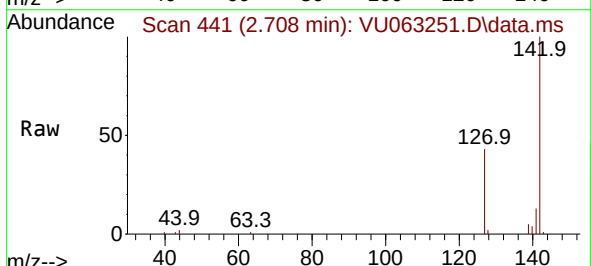
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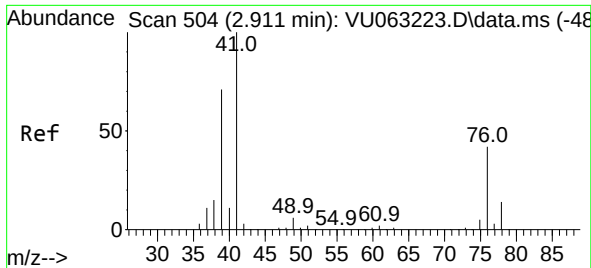
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#10
Iodomethane
Concen: 2.040 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

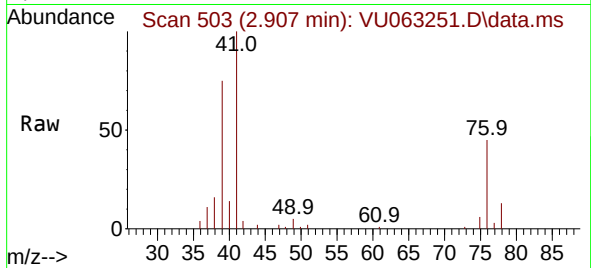
Tgt Ion:142 Resp: 41607
Ion Ratio Lower Upper
142 100
127 43.2 34.5 51.7





#11
 Allyl Chloride
 Concen: 1.974 ug/l
 RT: 2.907 min Scan# 504
 Delta R.T. -0.003 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

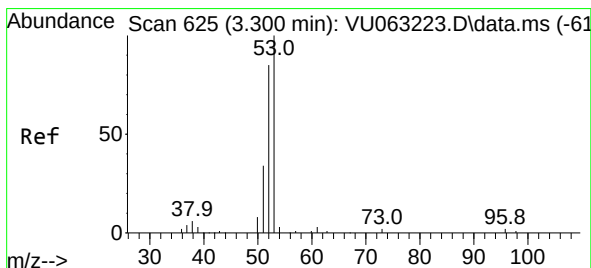
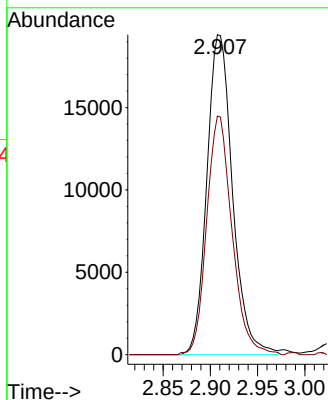
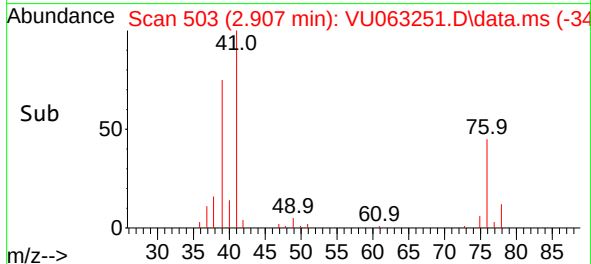
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0212WBS01



Tgt Ion: 41 Resp: 3678
 Ion Ratio Lower Upper
 41 100
 39 73.4 57.9 86.9

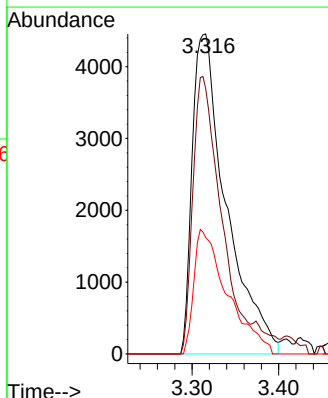
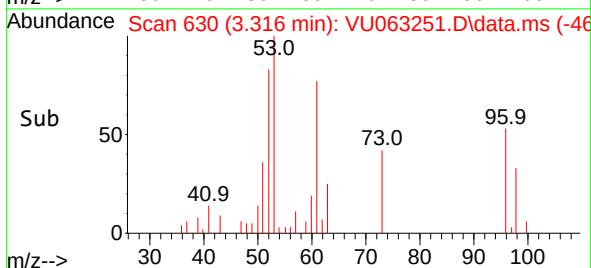
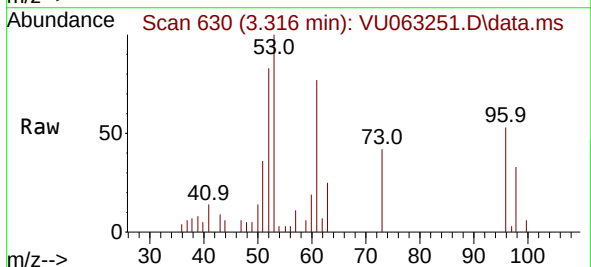
Manual Integrations
 APPROVED

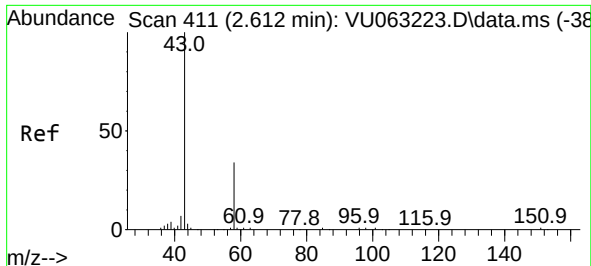
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#12
 Acrylonitrile
 Concen: 4.056 ug/l
 RT: 3.316 min Scan# 630
 Delta R.T. 0.016 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

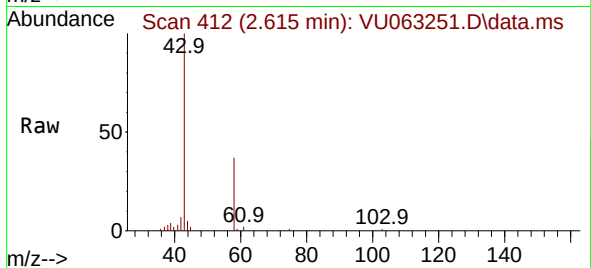
Tgt Ion: 53 Resp: 12135
 Ion Ratio Lower Upper
 53 100
 52 71.4 64.2 96.2
 51 38.3 30.8 46.2





#13
Acetone
Concen: 10.336 ug/l
RT: 2.615 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

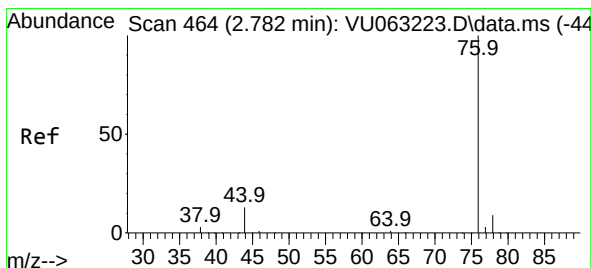
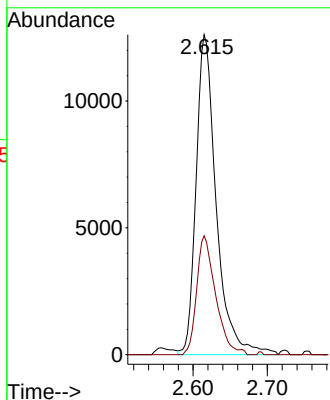
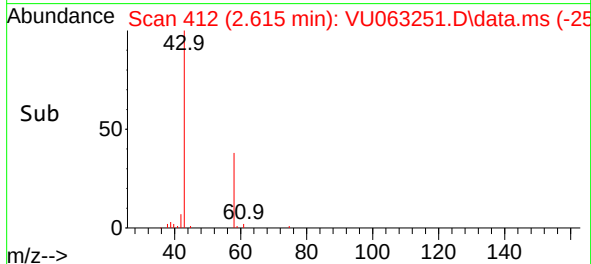
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



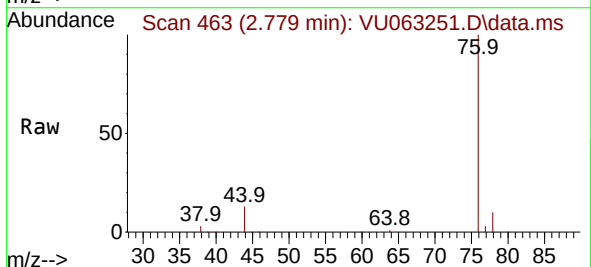
Tgt Ion: 43 Resp: 23779
Ion Ratio Lower Upper
43 100
58 37.2 27.4 41.0

Manual Integrations
APPROVED

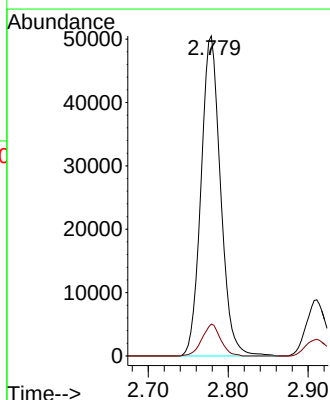
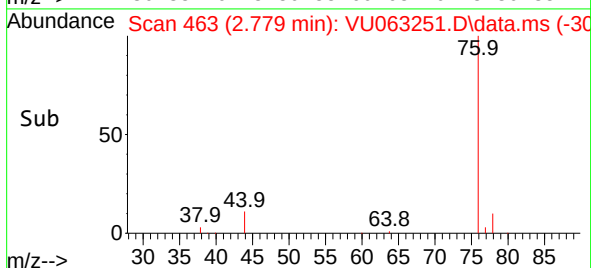
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

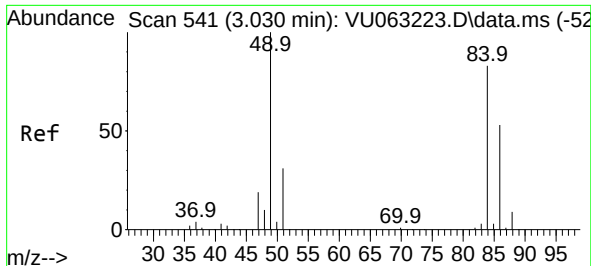


#14
Carbon Disulfide
Concen: 1.891 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



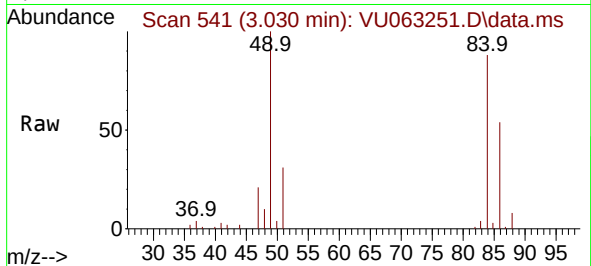
Tgt Ion: 76 Resp: 85777
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8





#15
Methylene Chloride
Concen: 1.985 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

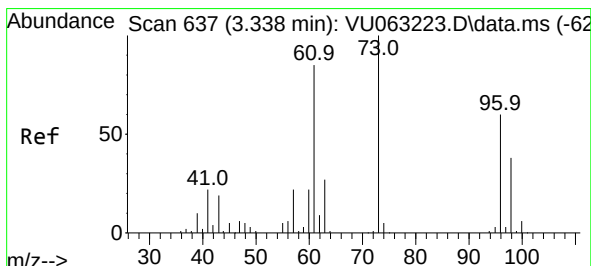
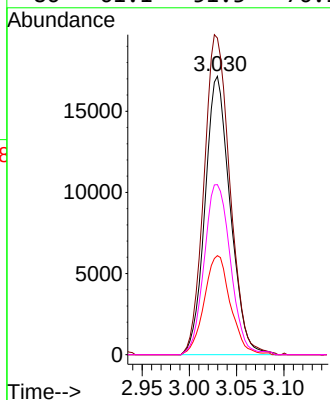
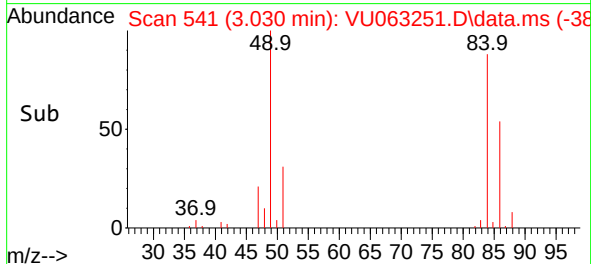
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



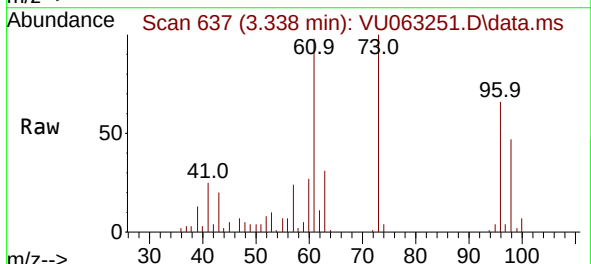
Tgt Ion:	84	Resp:	3181
Ion	Ratio	Lower	Upper
84	100		
49	113.8	96.4	144.6
51	35.6	0.0	74.8
86	61.1	51.3	76.9

Manual Integrations
APPROVED

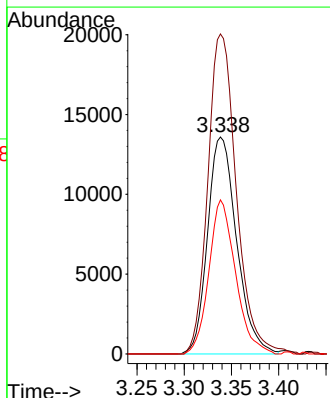
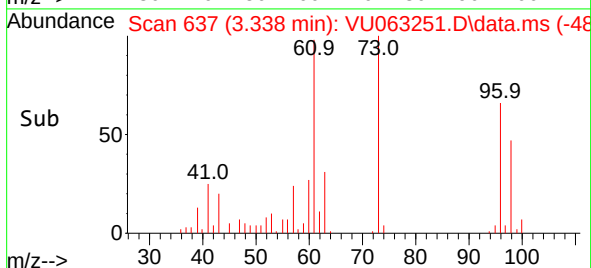
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

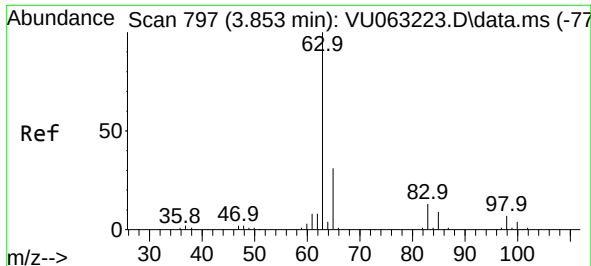


#16
trans-1,2-Dichloroethene
Concen: 1.966 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



Tgt Ion:	96	Resp:	29107
Ion	Ratio	Lower	Upper
96	100		
61	147.5	113.4	170.2
98	71.0	51.2	76.8





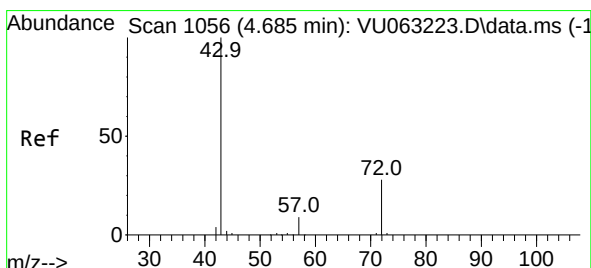
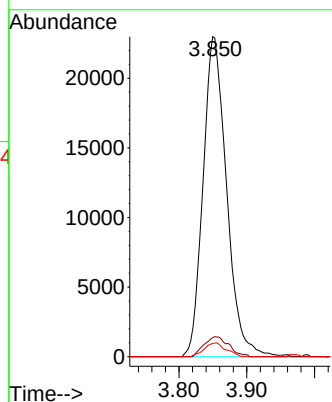
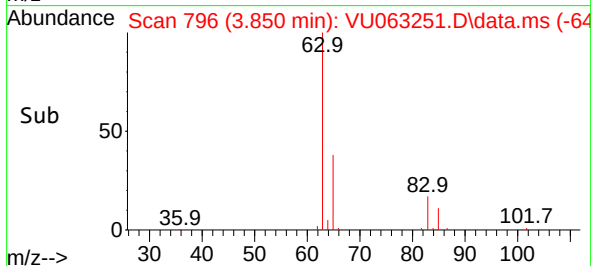
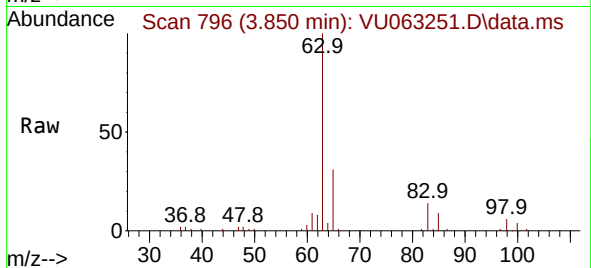
#17
1,1-Dichloroethane
Concen: 1.986 ug/l
RT: 3.850 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion: 63 Resp: 5541
Ion Ratio Lower Upper
63 100
98 6.0 3.3 9.9
100 4.1 2.1 6.2

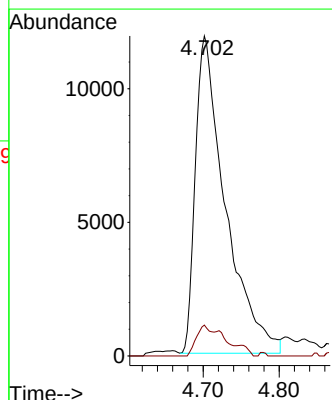
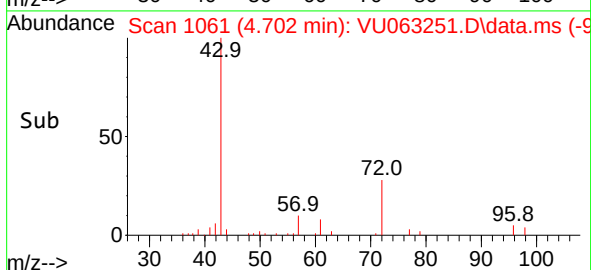
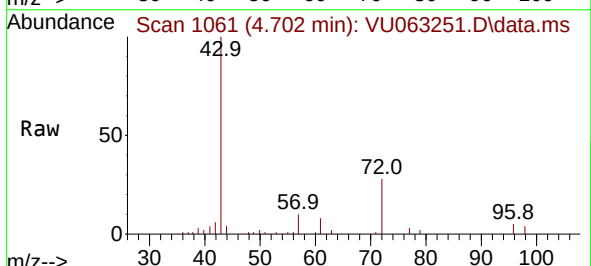
Manual Integrations
APPROVED

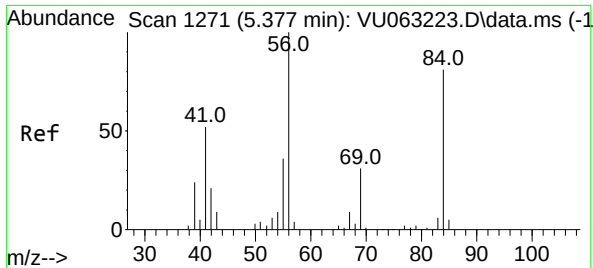
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#18
2-Butanone
Concen: 8.860 ug/l
RT: 4.702 min Scan# 1061
Delta R.T. 0.016 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 43 Resp: 32440
Ion Ratio Lower Upper
43 100
57 9.7 0.0 17.0





#19

Cyclohexane

Concen: 1.908 ug/l m

RT: 5.374 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

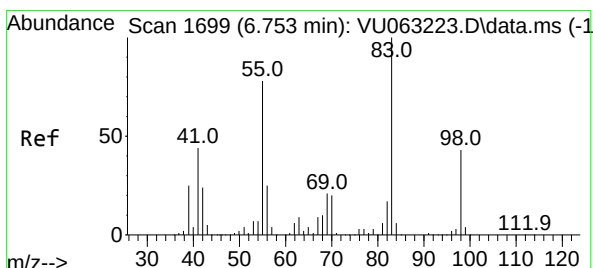
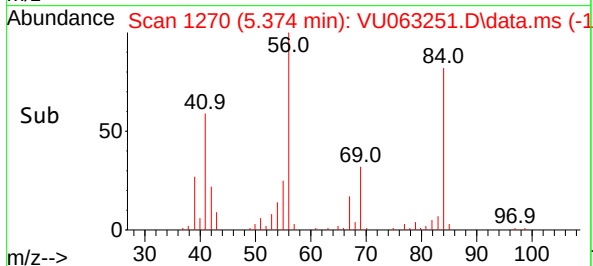
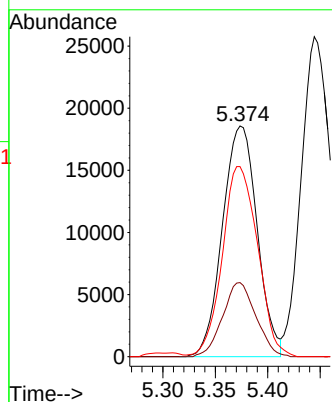
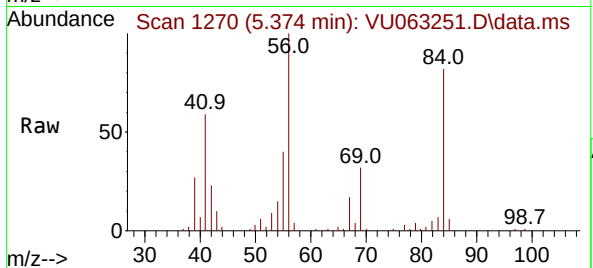
VU0212WBS01

Tgt Ion:	56	Resp:	42779
Ion Ratio	Lower	Upper	
56	100		
69	30.7	24.5	36.7
84	82.8	65.2	97.8

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 1.983 ug/l

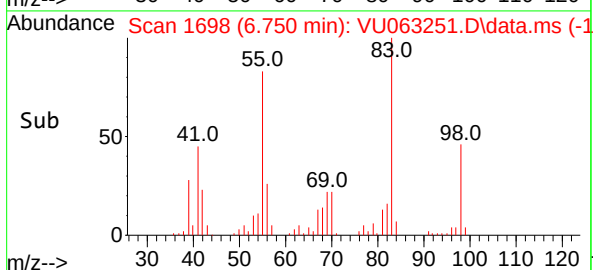
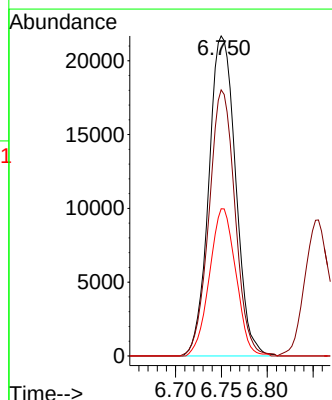
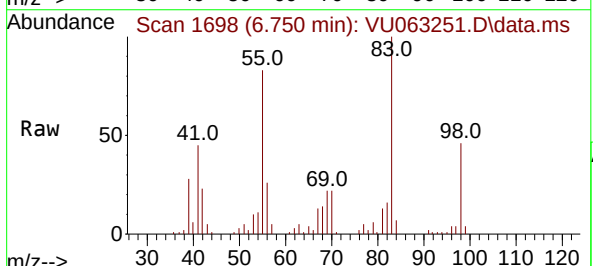
RT: 6.750 min Scan# 1698

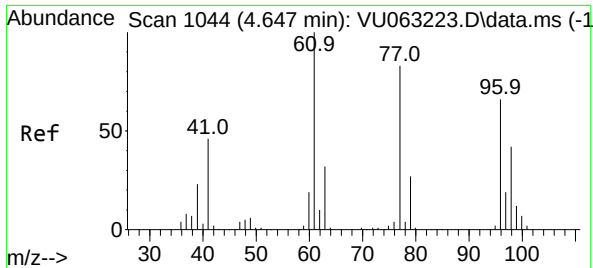
Delta R.T. -0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

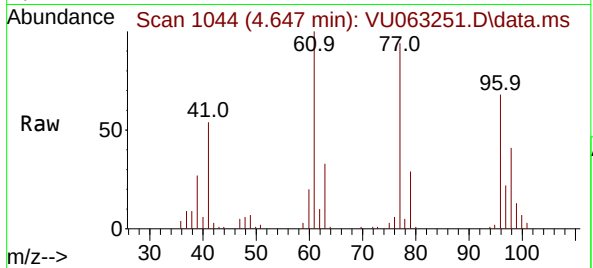
Tgt Ion:	83	Resp:	44086
Ion Ratio	Lower	Upper	
83	100		
55	80.7	63.1	94.7
98	45.3	35.2	52.8





#21
2,2-Dichloropropane
Concen: 1.989 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

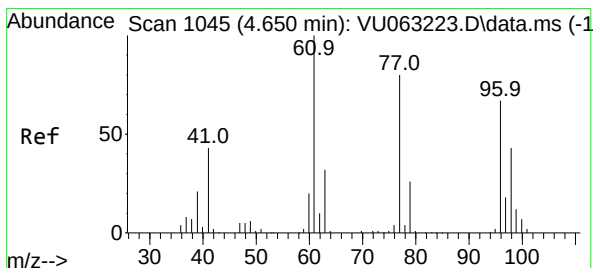
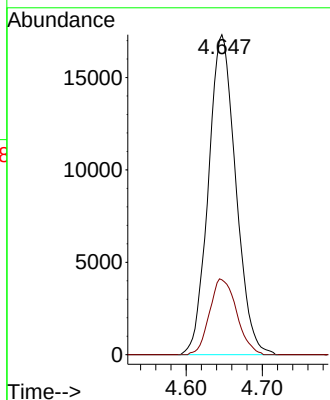
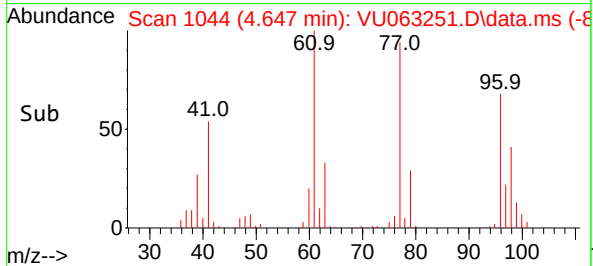
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



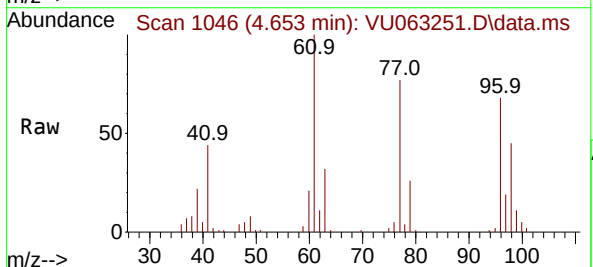
Tgt Ion: 77 Resp: 43300
Ion Ratio Lower Upper
77 100
97 23.4 18.5 27.7

Manual Integrations
APPROVED

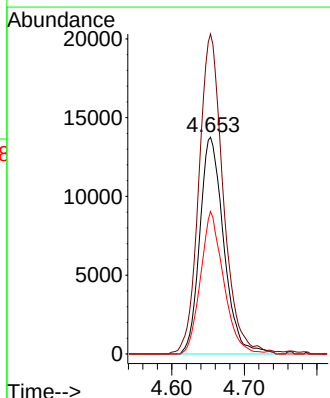
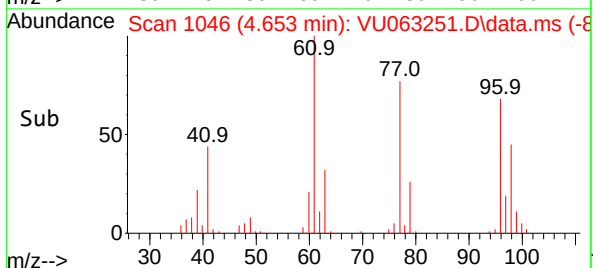
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

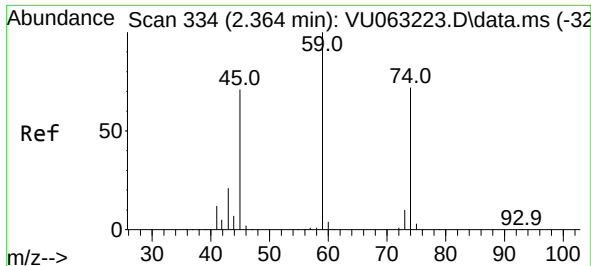


#22
cis-1,2-Dichloroethene
Concen: 1.974 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



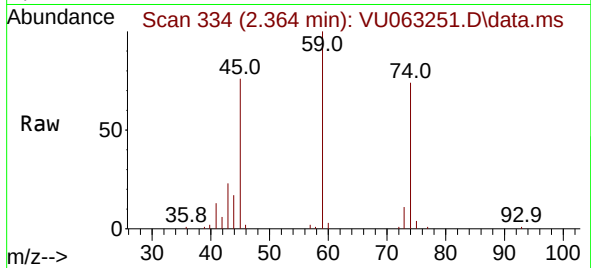
Tgt Ion: 96 Resp: 31577
Ion Ratio Lower Upper
96 100
61 150.5 0.0 373.3
98 63.2 31.9 95.9





#23
Diethyl Ether
Concen: 1.904 ug/l
RT: 2.364 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

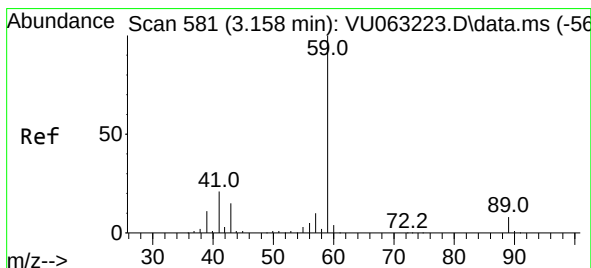
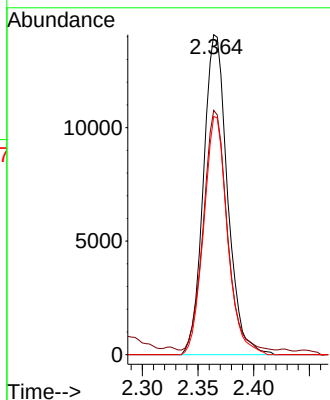
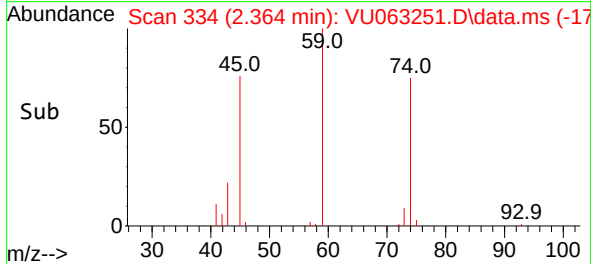
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



Tgt Ion: 59 Resp: 2119
Ion Ratio Lower Upper
59 100
45 73.1 57.8 86.6
74 73.3 57.7 86.5

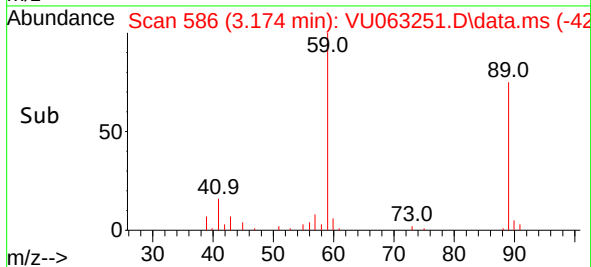
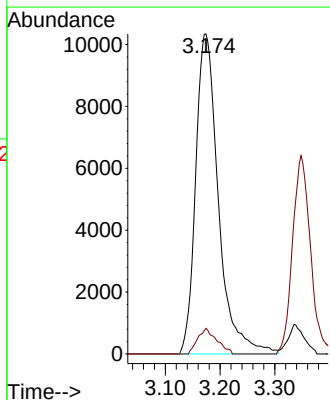
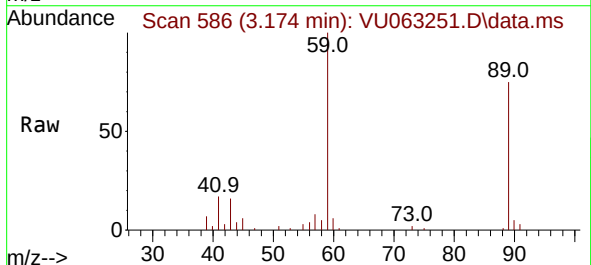
Manual Integrations
APPROVED

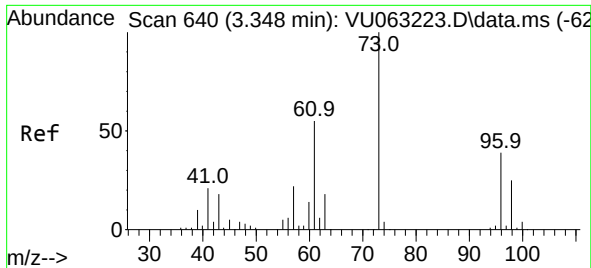
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#24
tert-Butyl Alcohol
Concen: 21.171 ug/l
RT: 3.174 min Scan# 586
Delta R.T. 0.016 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

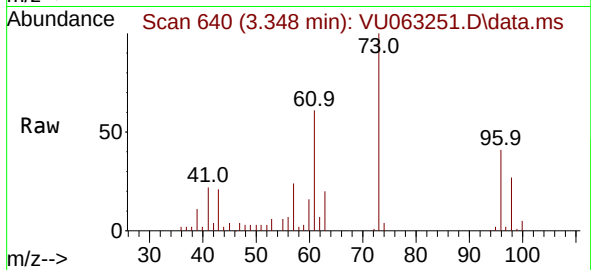
Tgt Ion: 59 Resp: 29904
Ion Ratio Lower Upper
59 100
57 6.7 7.5 11.3#





#25
Methyl tert-Butyl Ether
Concen: 1.948 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

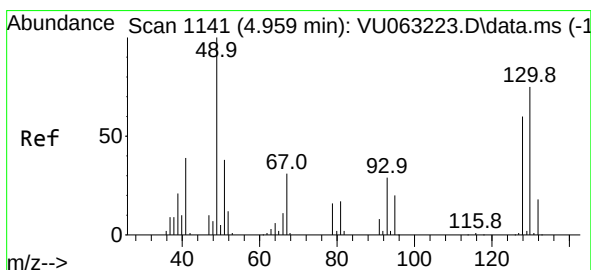
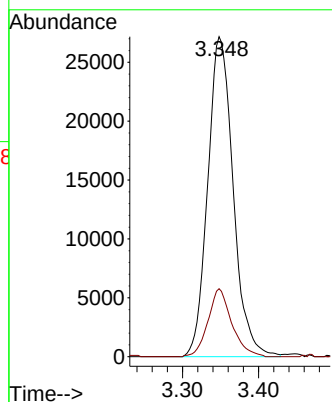
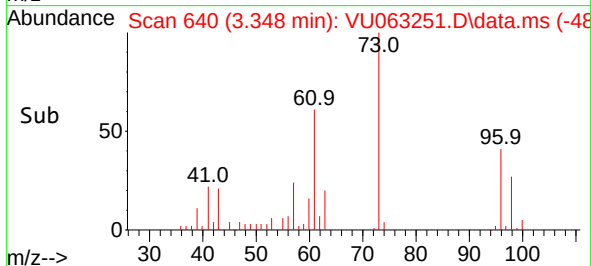
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



Tgt Ion: 73 Resp: 63104
Ion Ratio Lower Upper
73 100
43 19.9 14.9 22.3

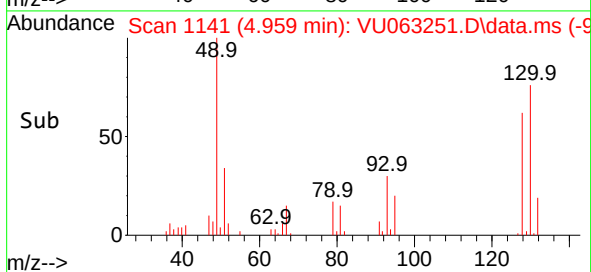
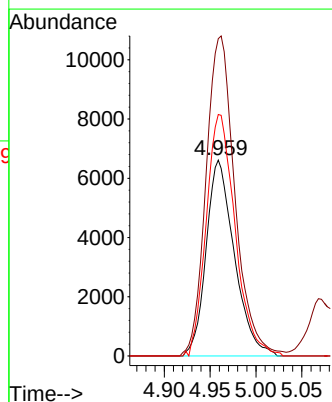
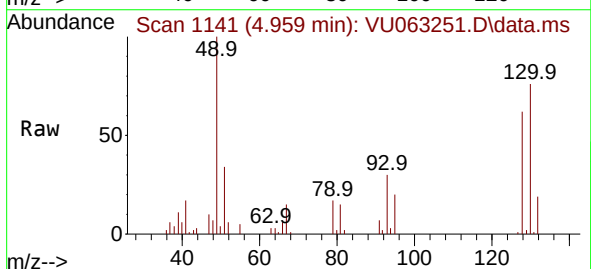
Manual Integrations
APPROVED

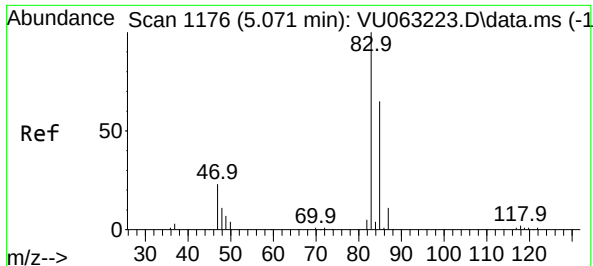
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#26
Bromochloromethane
Concen: 2.023 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion:128 Resp: 14144
Ion Ratio Lower Upper
128 100
49 167.7 0.0 343.4
130 126.7 102.9 154.3





#27

Chloroform

Concen: 2.030 ug/l

RT: 5.075 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBS01

Tgt Ion: 83 Resp: 5717

Ion Ratio Lower Upper

83 100

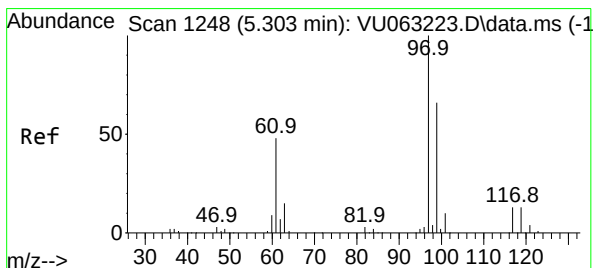
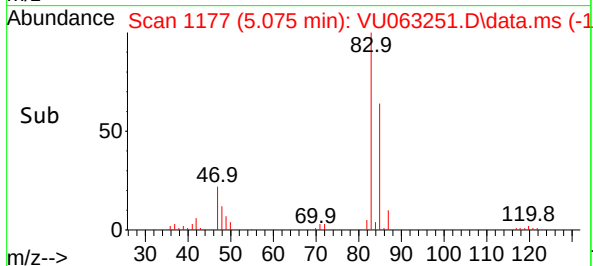
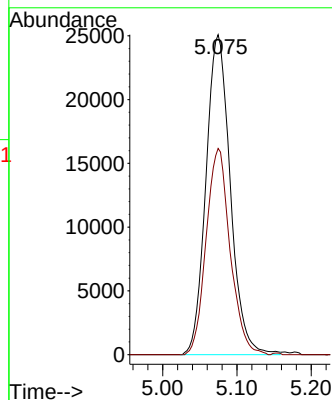
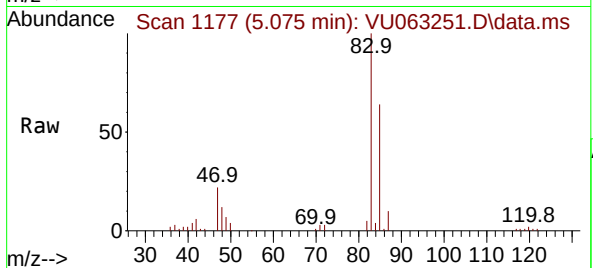
85 64.5 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#28

1,1,1-Trichloroethane

Concen: 1.990 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

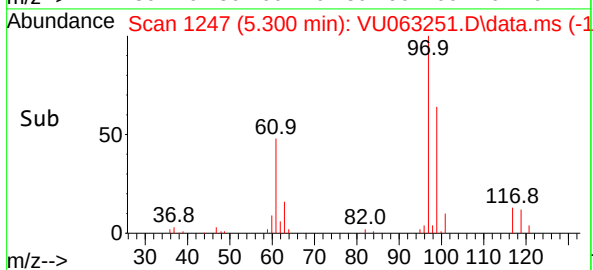
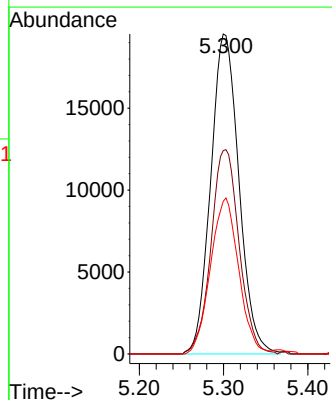
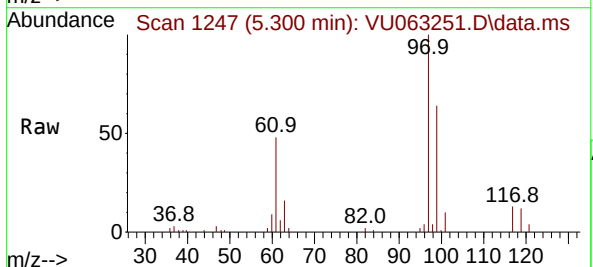
Tgt Ion: 97 Resp: 45409

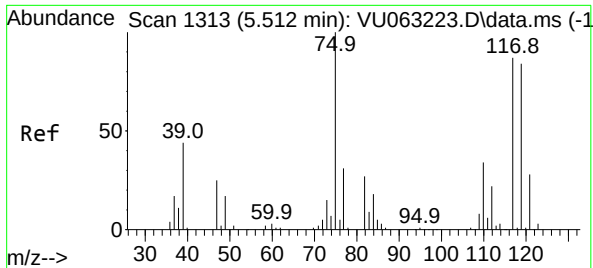
Ion Ratio Lower Upper

97 100

99 63.6 32.4 97.0

61 48.7 23.8 71.2





#29

1,1-Dichloropropene

Concen: 1.994 ug/l

RT: 5.515 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

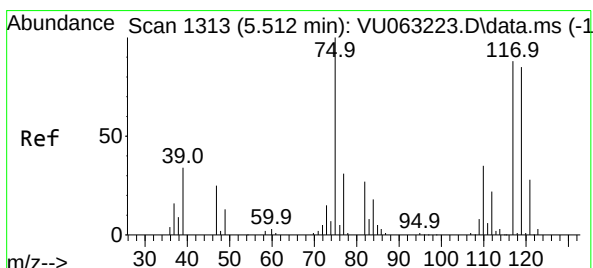
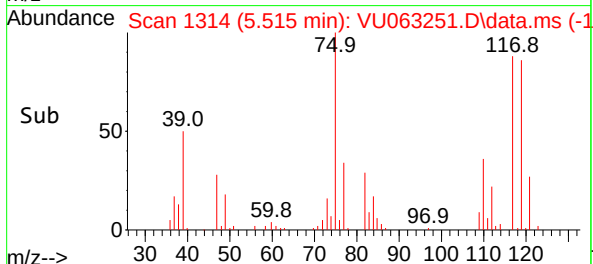
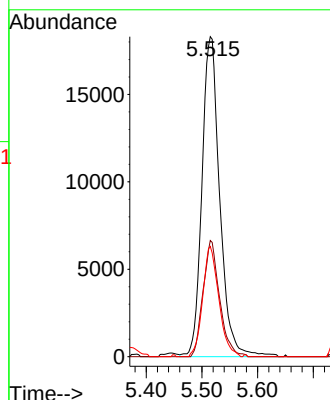
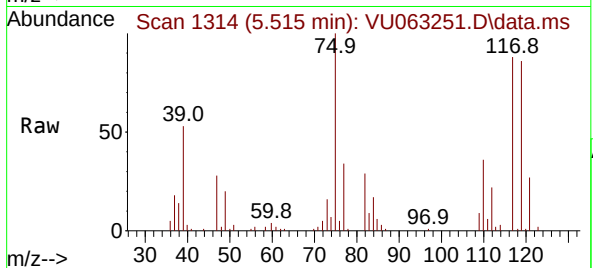
VU0212WBS01

Tgt Ion: 75	Resp: 4074
Ion Ratio	Lower Upper
75	100
110	33.7 17.2 51.5
77	31.2 24.6 37.0

Manual Integrations

APPROVED

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



#30

Carbon Tetrachloride

Concen: 1.928 ug/l

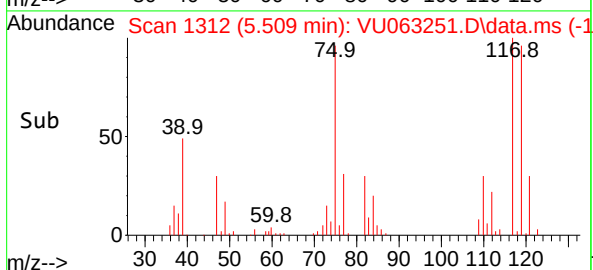
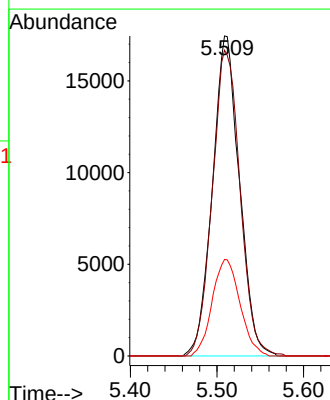
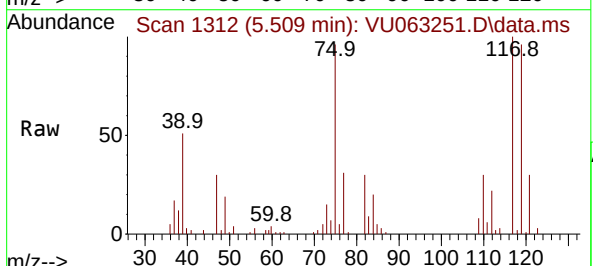
RT: 5.509 min Scan# 1312

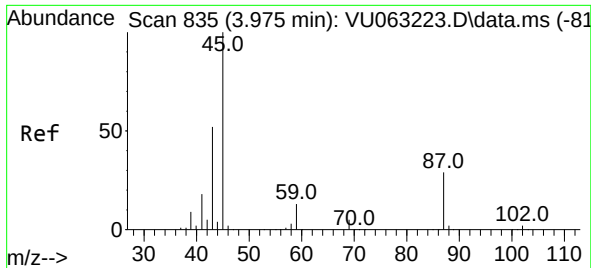
Delta R.T. -0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

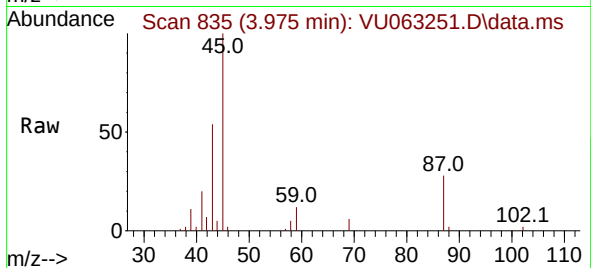
Tgt Ion: 117	Resp: 37714
Ion Ratio	Lower Upper
117	100
119	95.6 76.7 115.1
121	30.2 25.5 38.3





#31
Isopropyl Ether
Concen: 1.916 ug/l
RT: 3.975 min Scan# 835
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

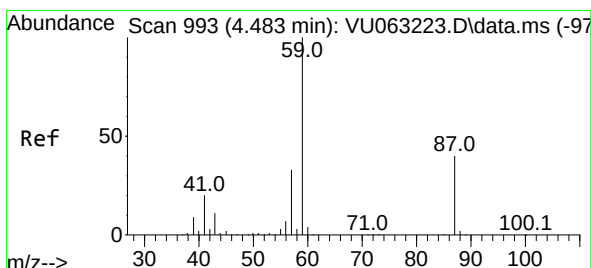
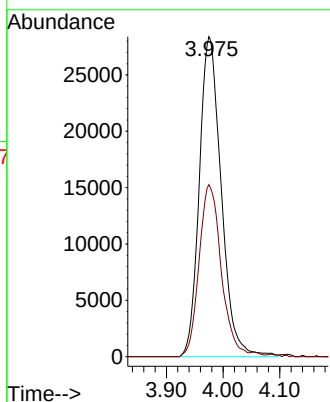
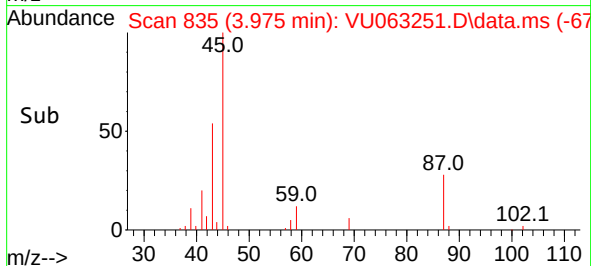
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



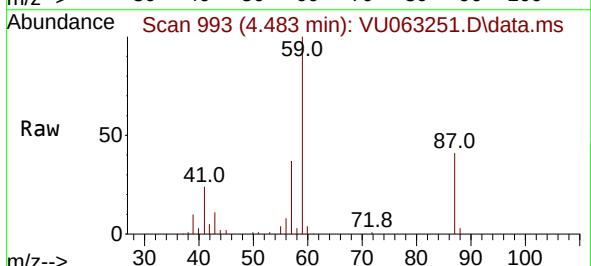
Tgt Ion: 45 Resp: 7635
Ion Ratio Lower Upper
45 100
43 54.0 25.7 77.1

Manual Integrations
APPROVED

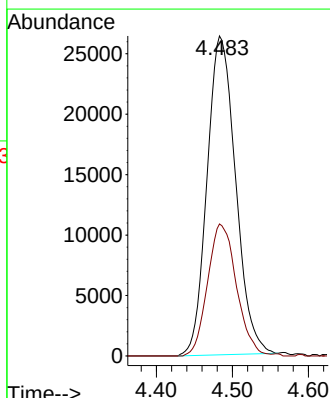
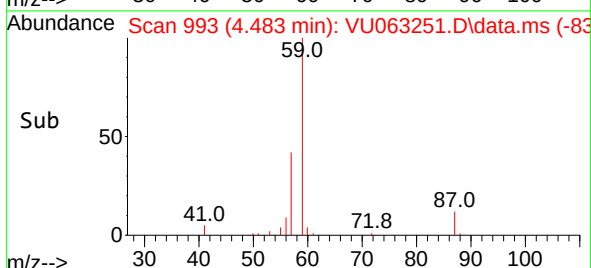
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

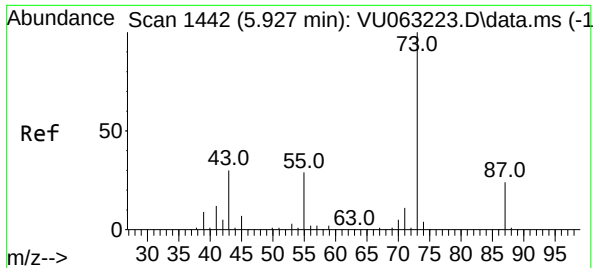


#32
Ethyl-t-butyl ether
Concen: 1.900 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



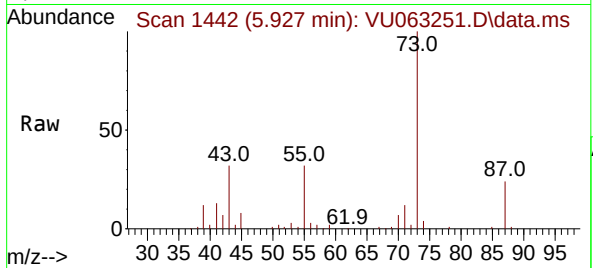
Tgt Ion: 59 Resp: 68833
Ion Ratio Lower Upper
59 100
87 41.1 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 1.945 ug/l
RT: 5.927 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

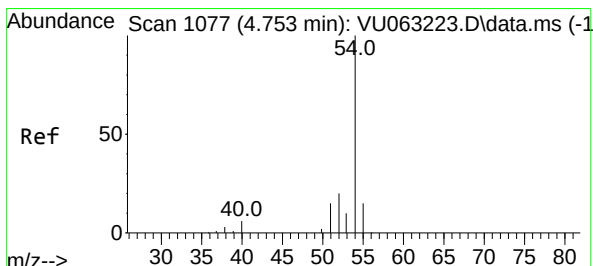
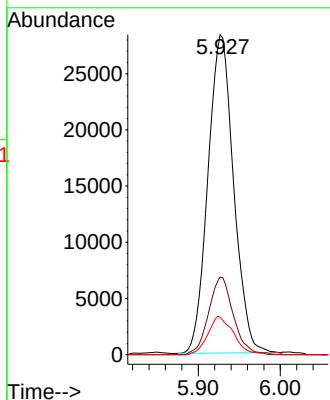
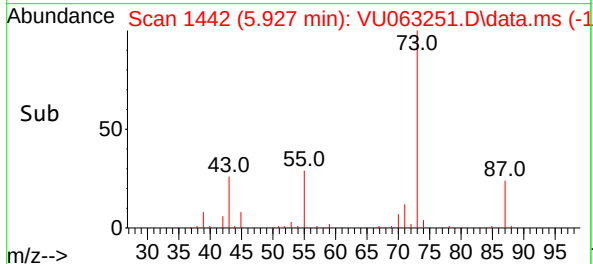
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



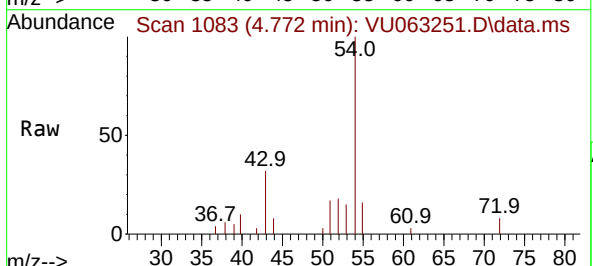
Tgt Ion: 73 Resp: 6156
Ion Ratio Lower Upper
73 100
87 23.4 18.9 28.3
71 12.0 9.0 13.4

Manual Integrations
APPROVED

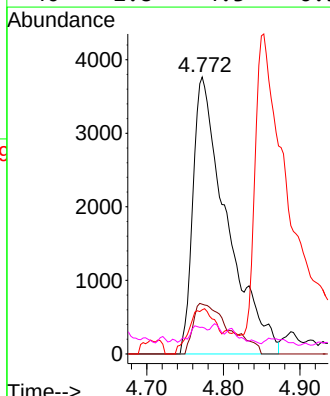
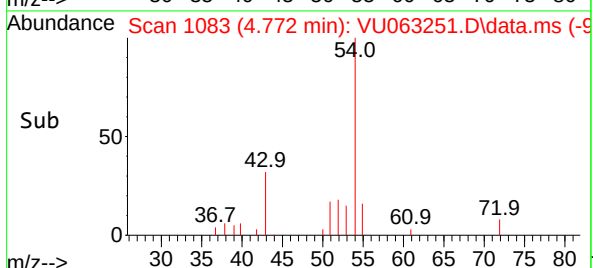
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

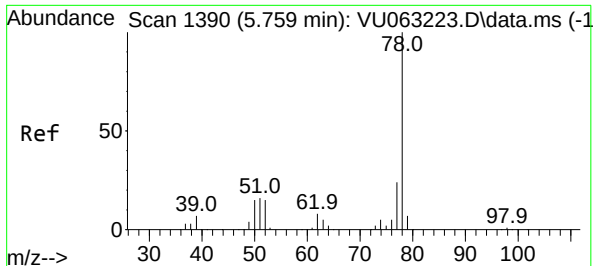


#34
Propionitrile
Concen: 10.432 ug/l m
RT: 4.772 min Scan# 1083
Delta R.T. 0.019 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



Tgt Ion: 54 Resp: 11521
Ion Ratio Lower Upper
54 100
52 19.3 16.3 24.5
55 12.8 11.8 17.6
40 2.8 4.3 6.5





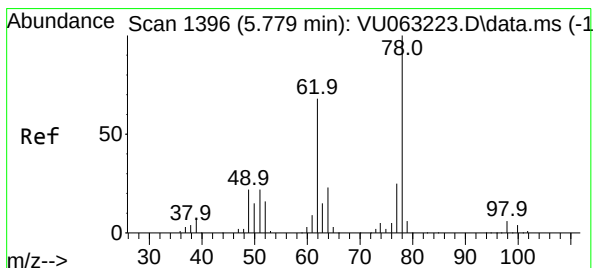
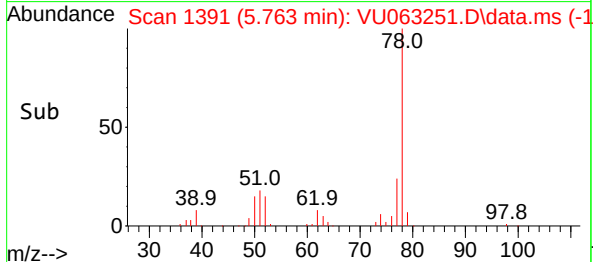
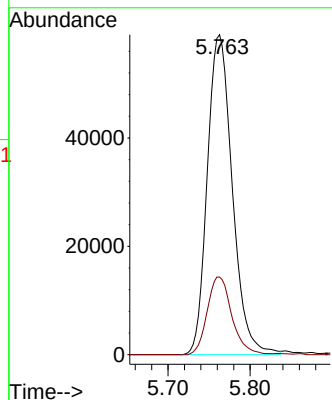
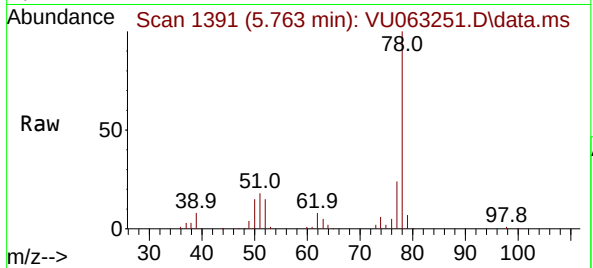
#35
Benzene
Concen: 1.993 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion: 78 Resp: 12521
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

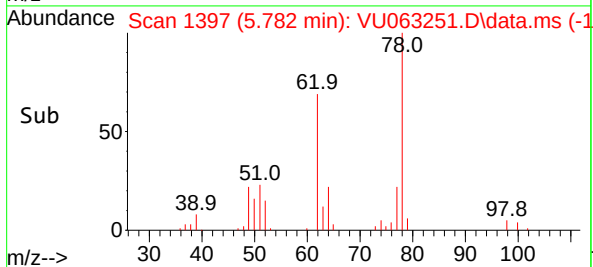
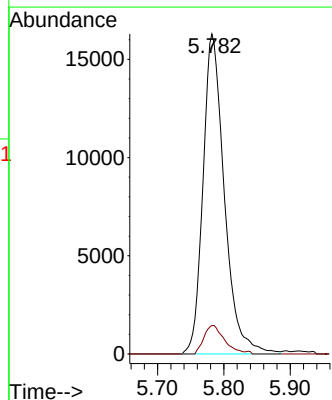
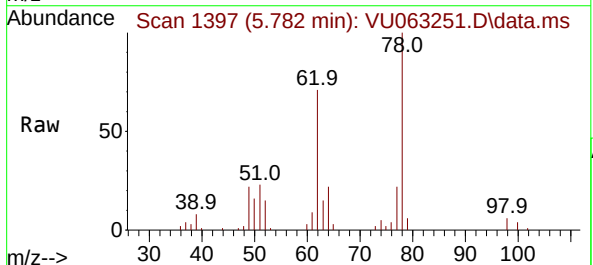
Manual Integrations
APPROVED

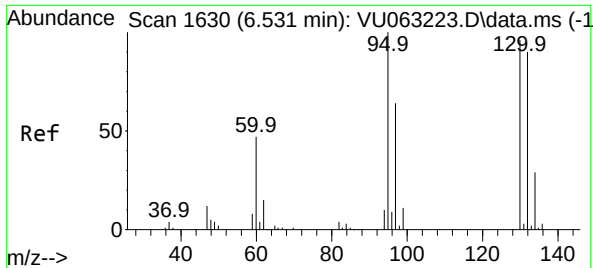
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#36
1,2-Dichloroethane
Concen: 2.013 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

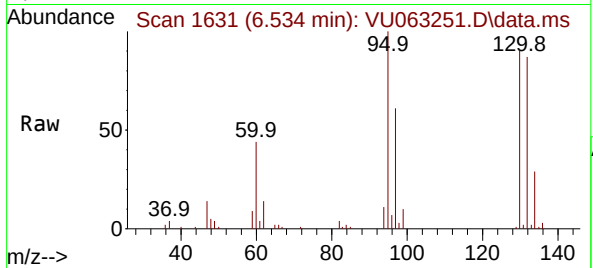
Tgt Ion: 62 Resp: 36496
Ion Ratio Lower Upper
62 100
98 8.4 6.9 10.3





#37
Trichloroethene
Concen: 2.023 ug/l
RT: 6.534 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

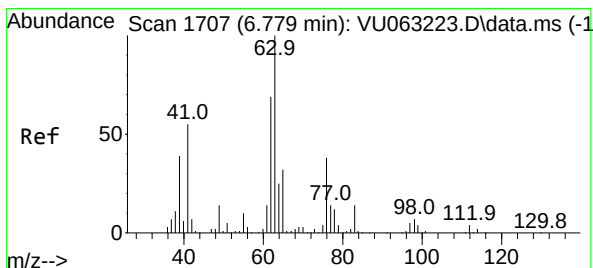
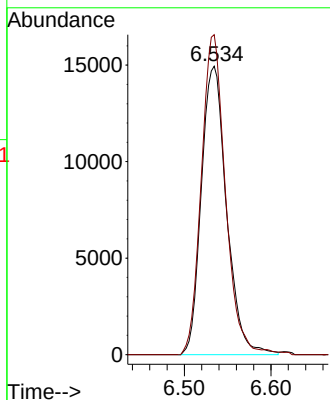
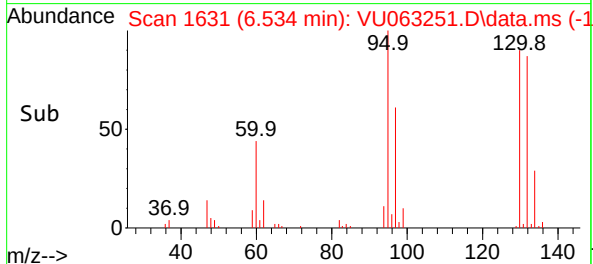
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



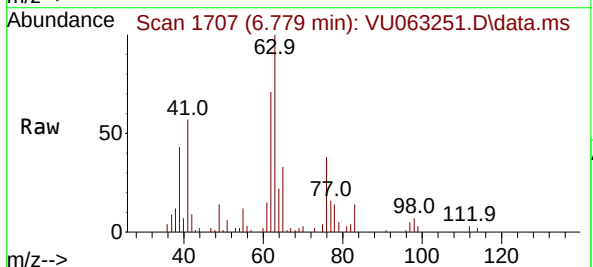
Tgt Ion:130 Resp: 30224
Ion Ratio Lower Upper
130 100
95 110.9 83.2 124.8

Manual Integrations
APPROVED

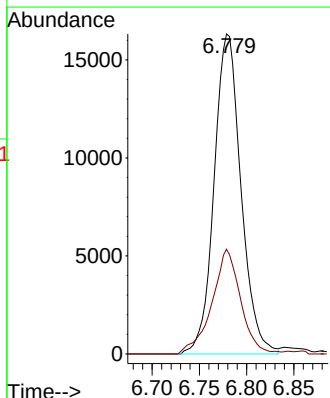
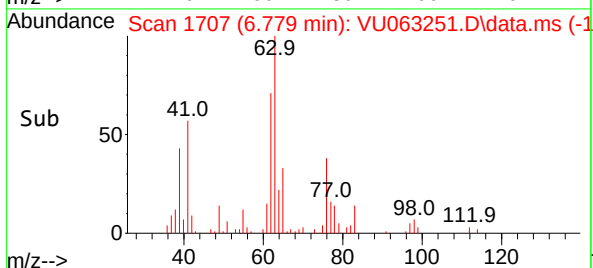
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

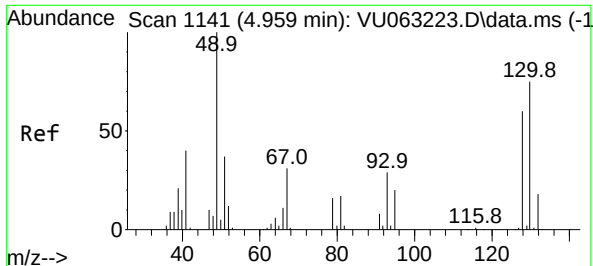


#38
1,2-Dichloropropane
Concen: 1.965 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



Tgt Ion: 63 Resp: 32315
Ion Ratio Lower Upper
63 100
65 32.7 25.3 37.9





#39

Methacrylonitrile

Concen: 1.967 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.013 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBS01

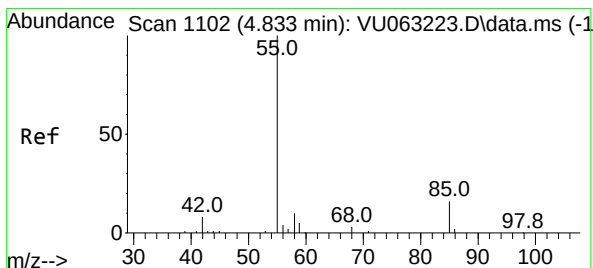
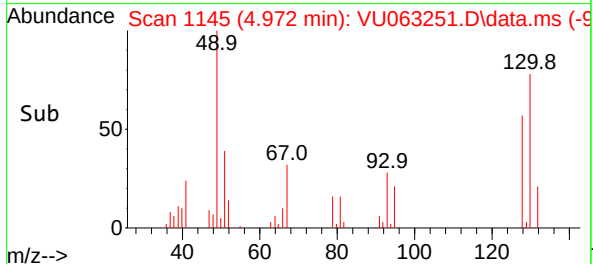
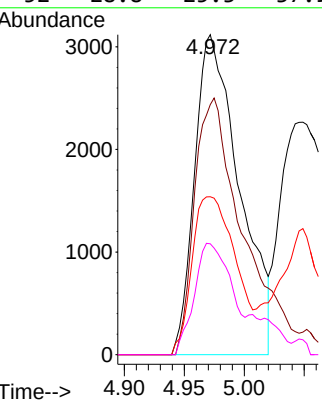
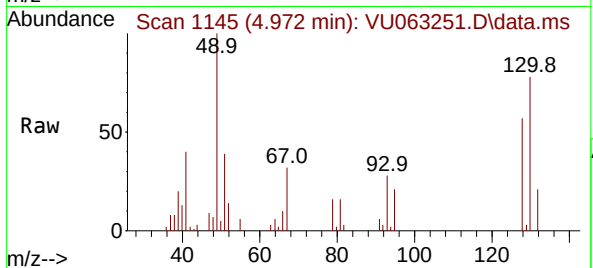
Tgt Ion: 41 Resp: 8090

Ion	Ratio	Lower	Upper
41	100		
67	87.2	64.5	96.7
39	47.9	43.0	64.6
52	28.8	25.3	37.9

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 1.992 ug/l m

RT: 4.853 min Scan# 1108

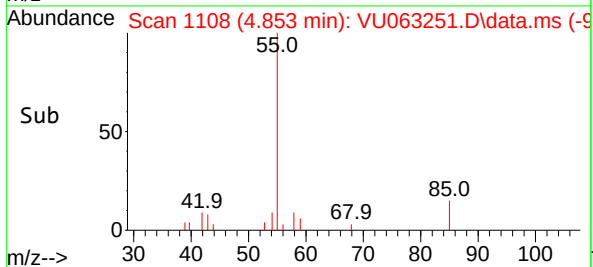
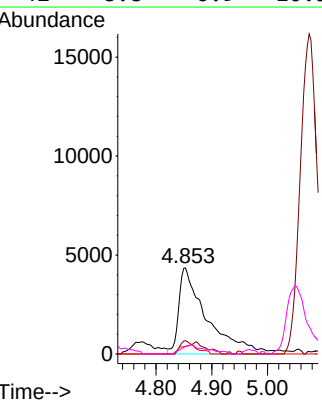
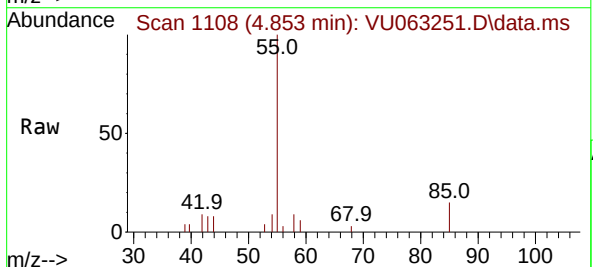
Delta R.T. 0.019 min

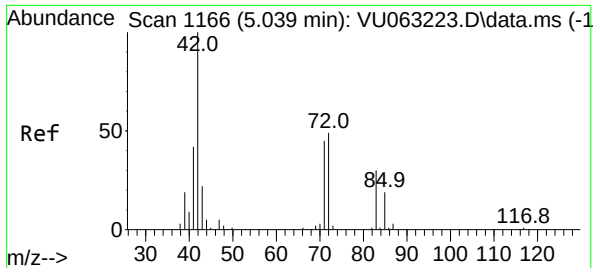
Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Tgt Ion: 55 Resp: 15111

Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	6.9	7.3	10.9#
42	8.8	6.9	10.3





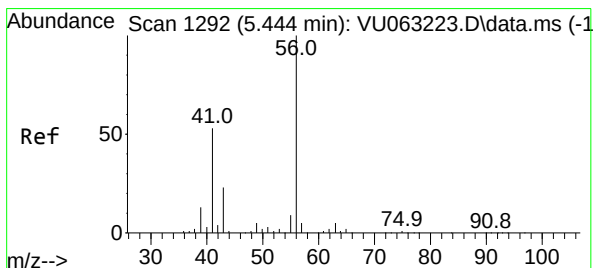
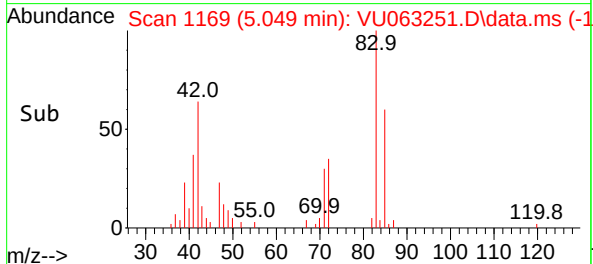
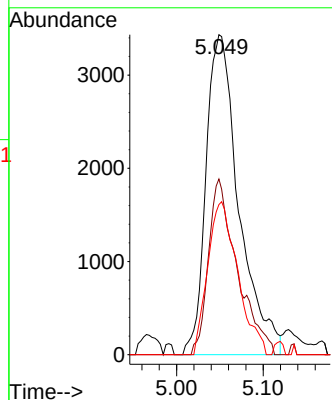
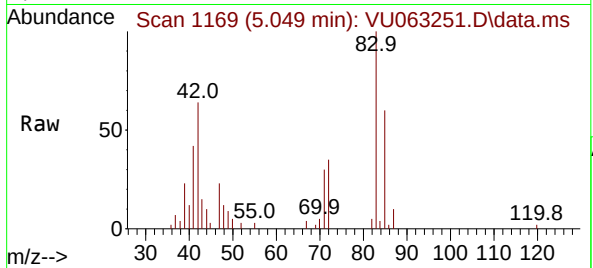
#41
Tetrahydrofuran
Concen: 3.786 ug/l
RT: 5.049 min Scan# 1166
Delta R.T. 0.010 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion: 42 Resp: 9062
Ion Ratio Lower Upper
42 100
72 48.1 41.5 62.3
71 43.5 37.2 55.8

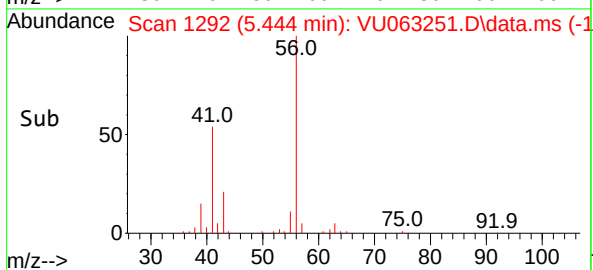
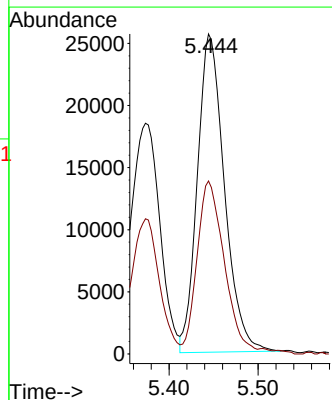
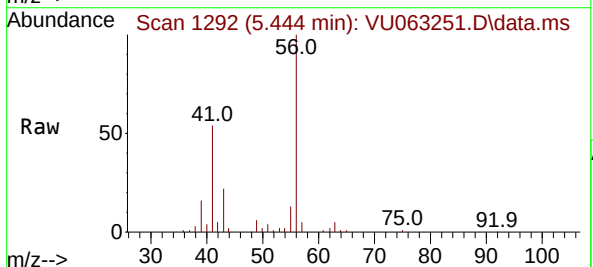
Manual Integrations
APPROVED

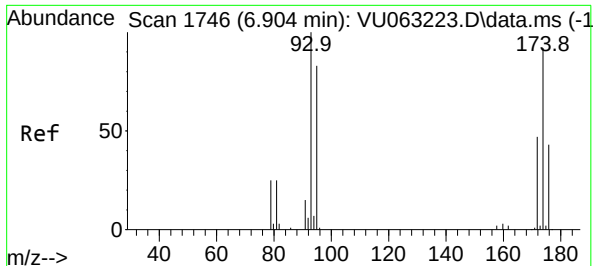
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#42
1-Chlorobutane
Concen: 1.932 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 56 Resp: 54007
Ion Ratio Lower Upper
56 100
41 52.1 26.3 78.8





#43

Dibromomethane

Concen: 1.996 ug/l

RT: 6.907 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBS01

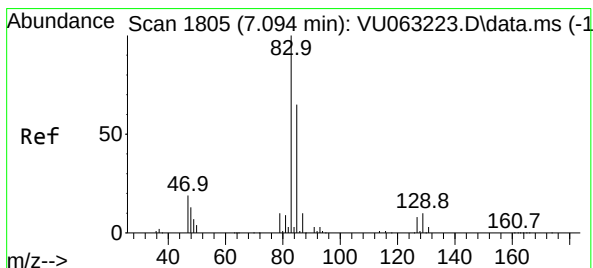
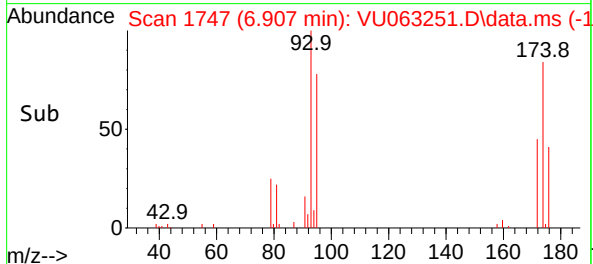
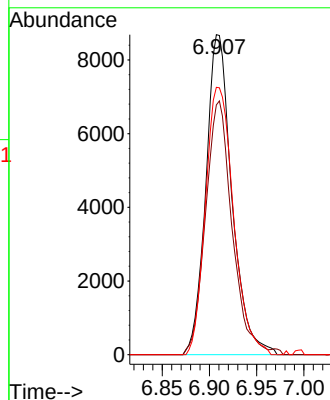
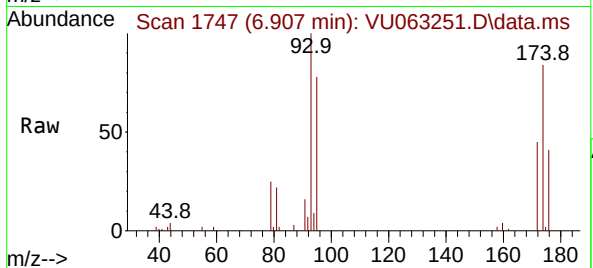
Tgt Ion: 93 Resp: 1662

Ion	Ratio	Lower	Upper
93	100		
95	80.7	67.2	100.8
174	90.0	75.7	113.5

Manual Integrations

APPROVED

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



#44

Bromodichloromethane

Concen: 2.026 ug/l

RT: 7.094 min Scan# 1805

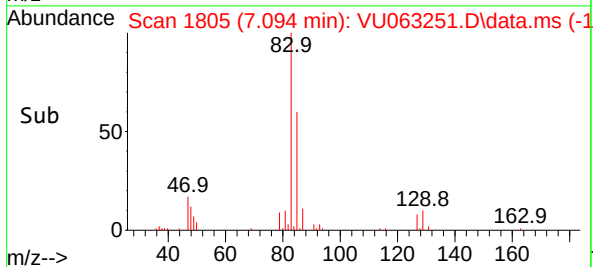
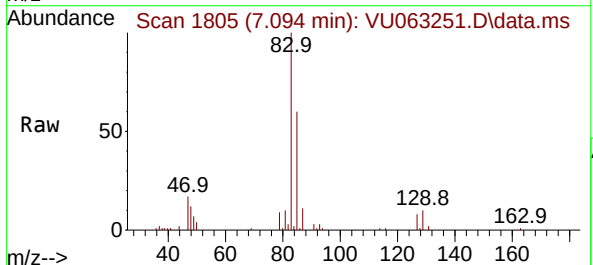
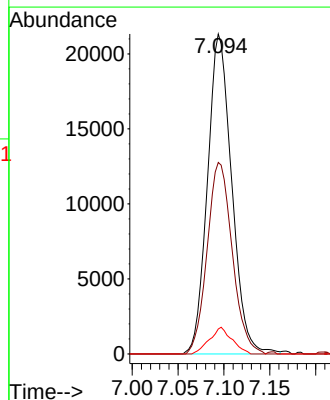
Delta R.T. 0.000 min

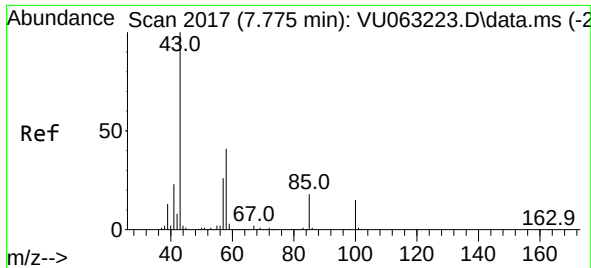
Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Tgt Ion: 83 Resp: 39273

Ion	Ratio	Lower	Upper
83	100		
85	59.8	51.7	77.5
127	7.8	6.7	10.1





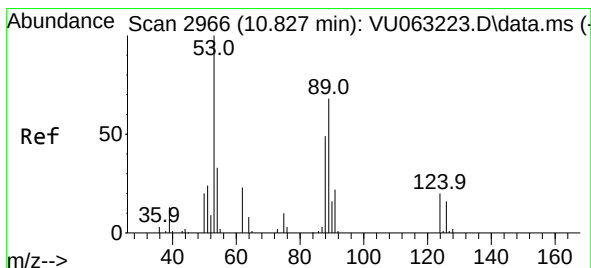
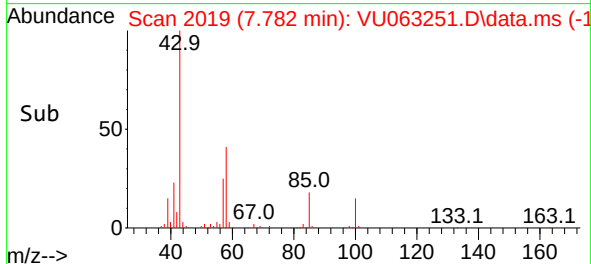
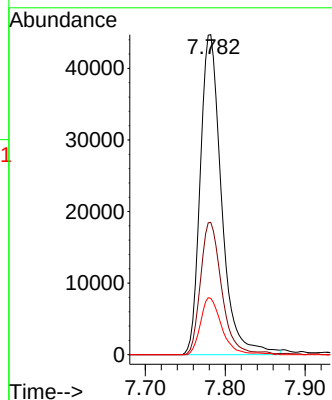
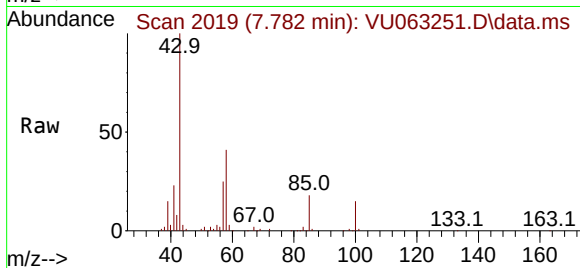
#45
4-Methyl-2-Pentanone
Concen: 9.516 ug/l
RT: 7.782 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion: 43 Resp: 8307
Ion Ratio Lower Upper
43 100
58 40.9 20.8 62.5
85 17.4 14.8 22.2

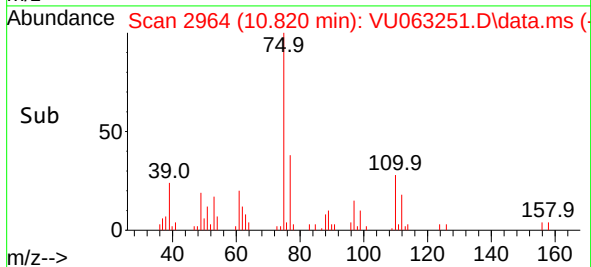
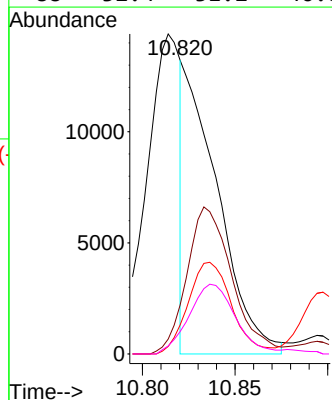
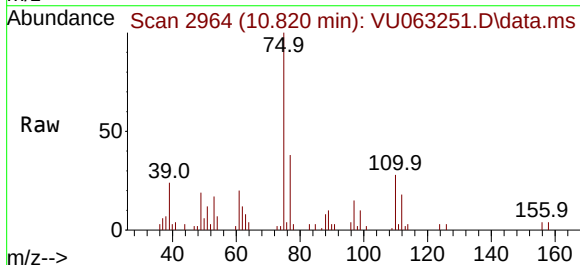
Manual Integrations
APPROVED

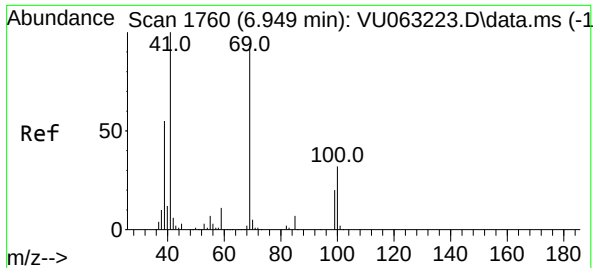
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#46
t-1,4-Dichloro-2-butene
Concen: 4.108 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.006 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

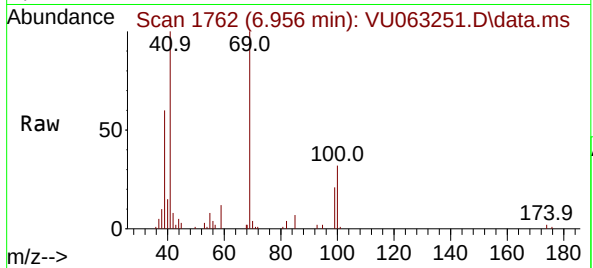
Tgt Ion: 75 Resp: 16859
Ion Ratio Lower Upper
75 100
53 66.5 64.5 96.7
89 40.2 43.4 65.2#
88 32.4 31.2 46.8





#47
Methyl methacrylate
Concen: 3.888 ug/l
RT: 6.956 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

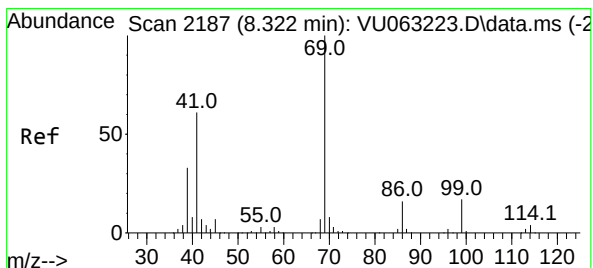
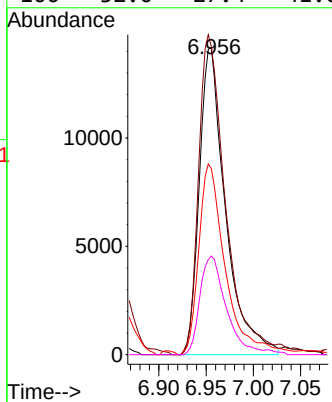
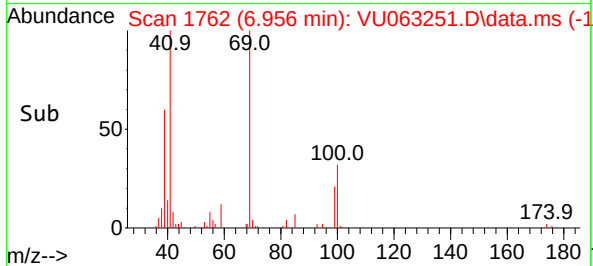
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



Tgt Ion: 69 Resp: 2726
Ion Ratio Lower Upper
69 100
41 107.9 0.0 217.0
39 63.1 47.7 71.5
100 32.0 27.4 41.0

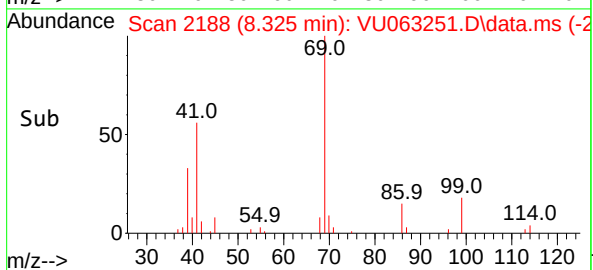
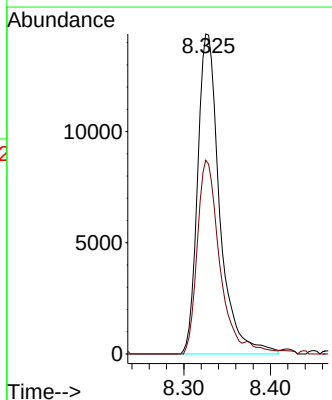
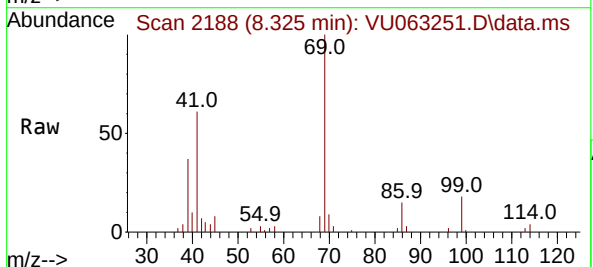
Manual Integrations
APPROVED

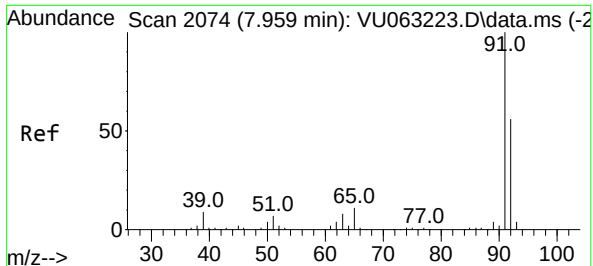
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#48
Ethyl methacrylate
Concen: 1.928 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 69 Resp: 25396
Ion Ratio Lower Upper
69 100
41 59.5 30.6 92.0





#49

Toluene

Concen: 1.979 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBS01

Tgt Ion: 92 Resp: 71512

Ion Ratio Lower Upper

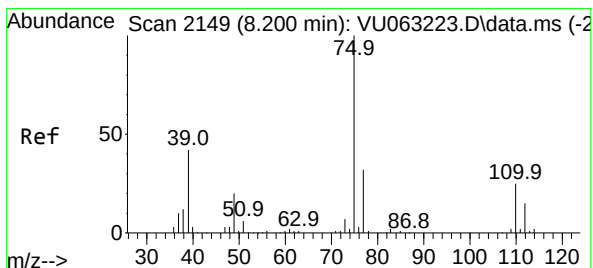
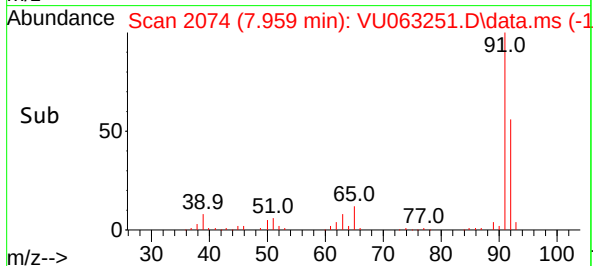
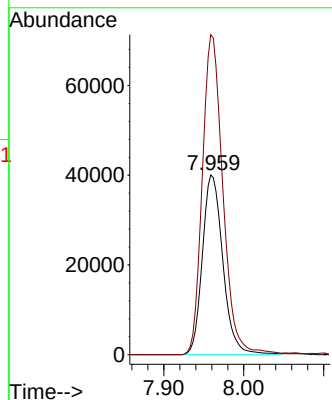
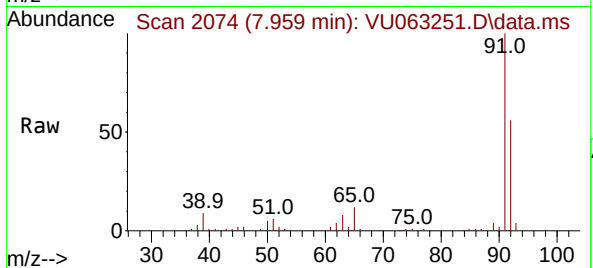
92 100

91 178.7 141.8 212.6

Manual Integrations

APPROVED

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



#50

t-1,3-Dichloropropene

Concen: 1.956 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063251.D

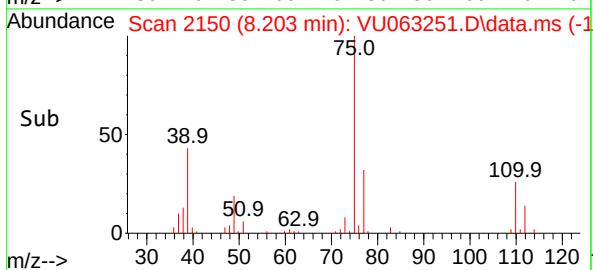
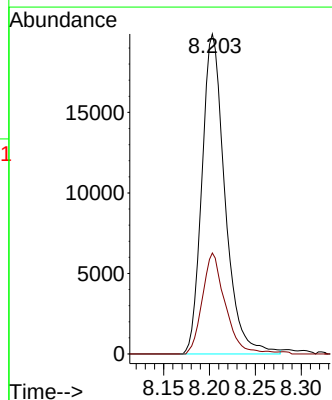
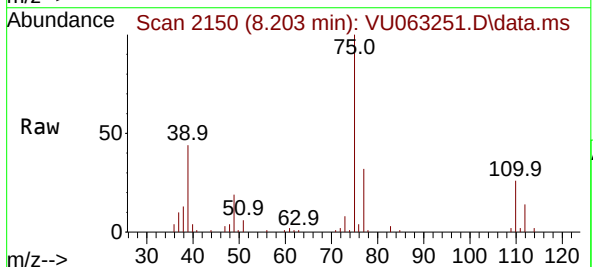
Acq: 12 Feb 2025 12:56

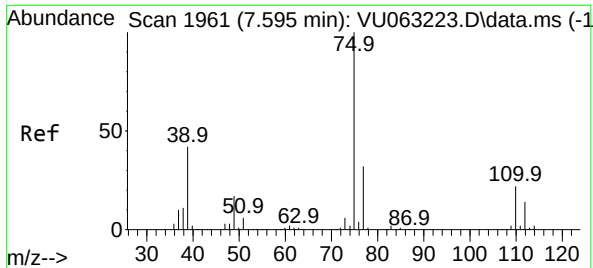
Tgt Ion: 75 Resp: 34712

Ion Ratio Lower Upper

75 100

77 31.6 25.9 38.9





#51

cis-1,3-Dichloropropene

Concen: 1.953 ug/l

RT: 7.599 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBS01

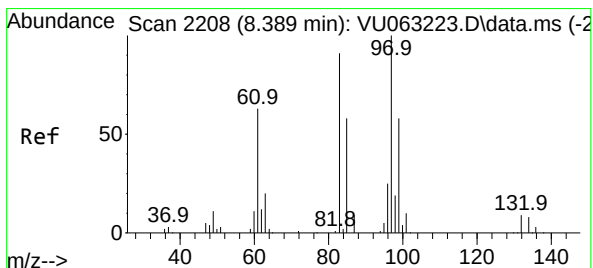
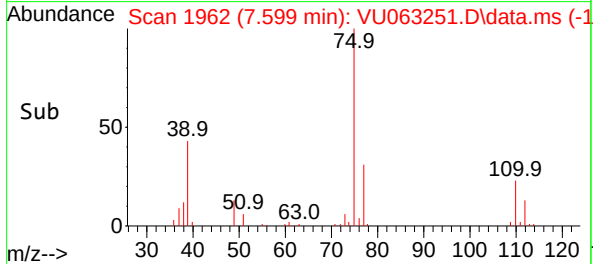
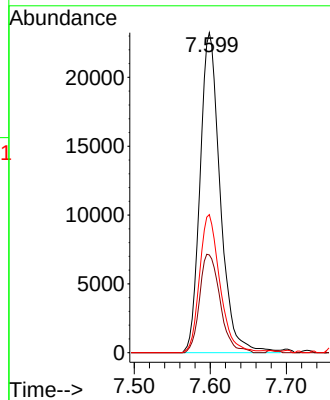
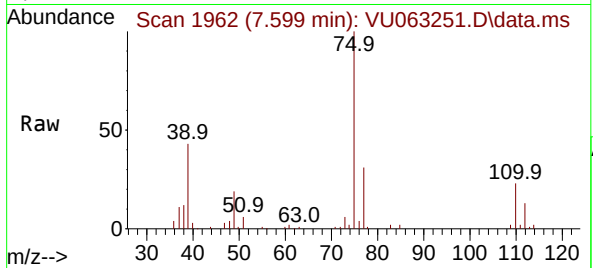
Tgt Ion: 75 Resp: 42810

Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.3	37.9
39	43.1	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: 2.026 ug/l

RT: 8.390 min Scan# 2208

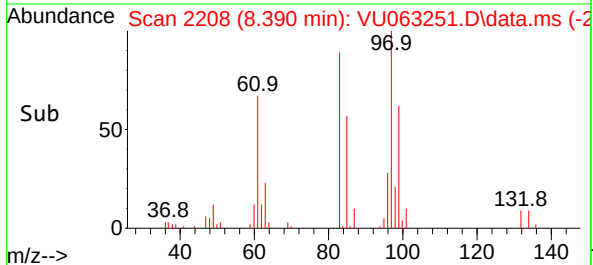
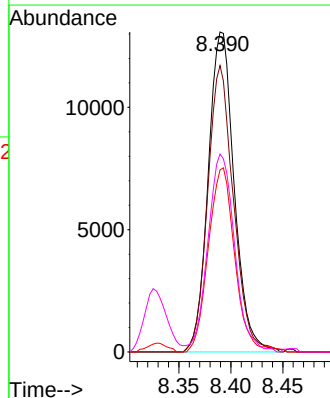
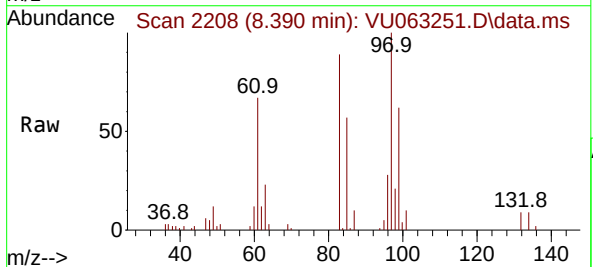
Delta R.T. 0.000 min

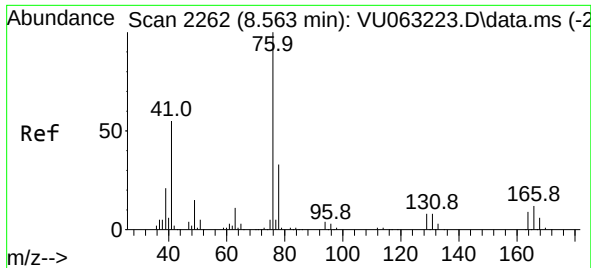
Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Tgt Ion: 97 Resp: 22745

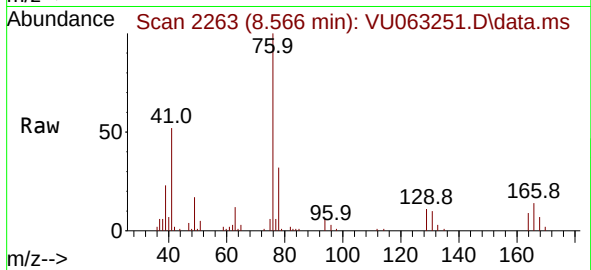
Ion	Ratio	Lower	Upper
97	100		
83	89.5	73.0	109.4
85	56.9	46.3	69.5
99	61.8	48.5	72.7





#53
1,3-Dichloropropane
Concen: 1.988 ug/l
RT: 8.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

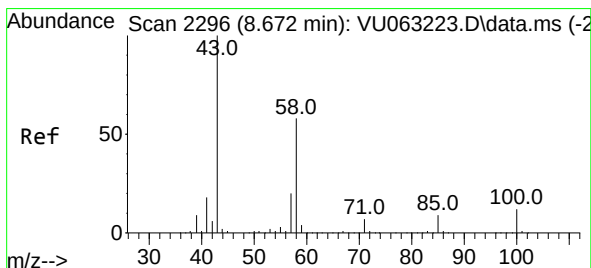
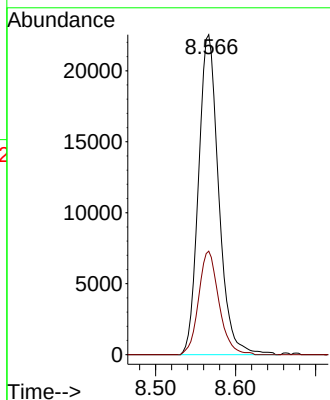
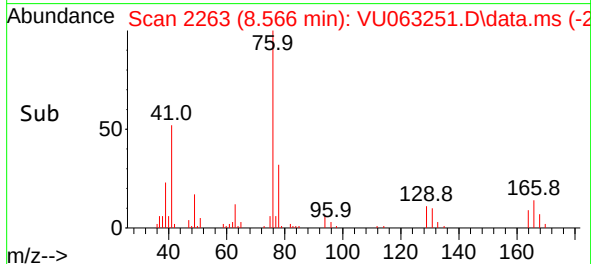
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



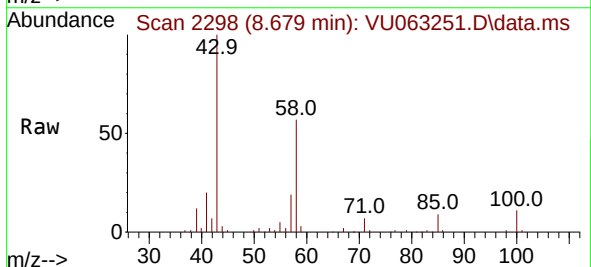
Tgt Ion: 76 Resp: 3963
Ion Ratio Lower Upper
76 100
78 32.6 26.3 39.5

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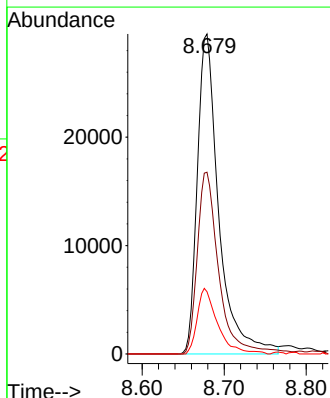
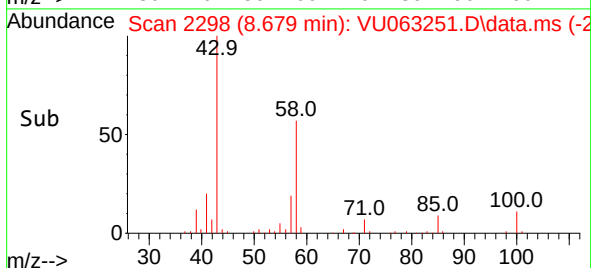
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

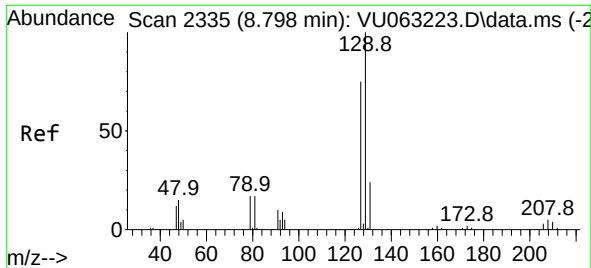


#54
2-Hexanone
Concen: 9.005 ug/l
RT: 8.679 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



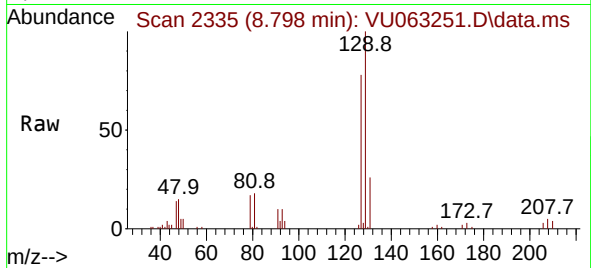
Tgt Ion: 43 Resp: 53643
Ion Ratio Lower Upper
43 100
58 57.0 38.0 78.0
57 19.5 0.0 39.1





#55
Dibromochloromethane
Concen: 1.970 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

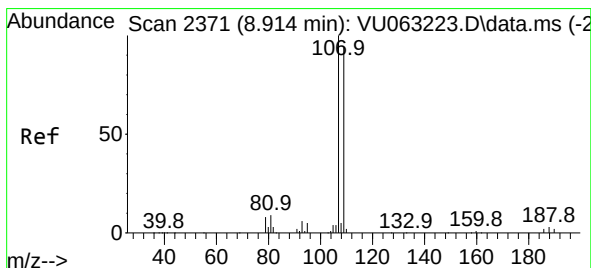
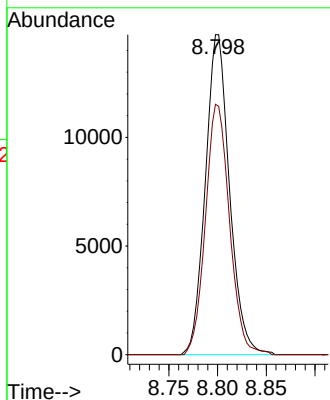
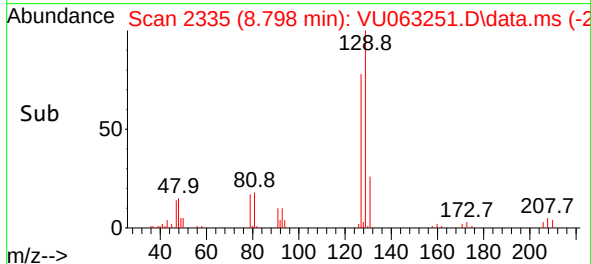
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



Tgt Ion:129 Resp: 2544
Ion Ratio Lower Upper
129 100
127 77.8 60.4 90.6

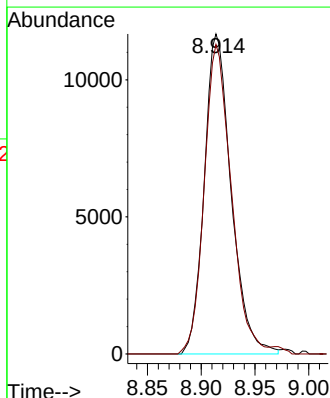
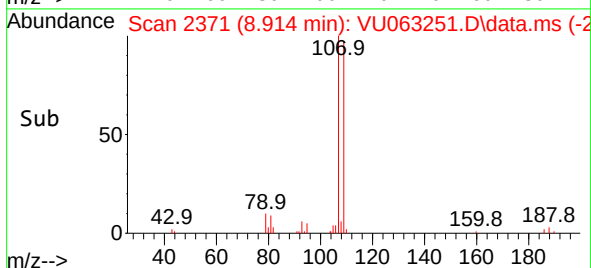
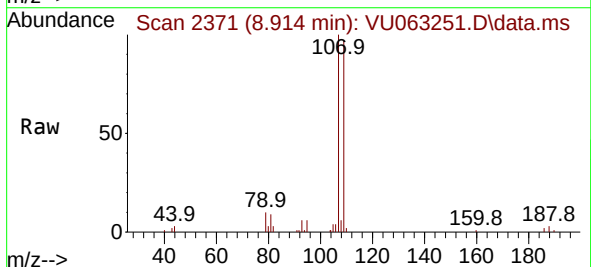
Manual Integrations
APPROVED

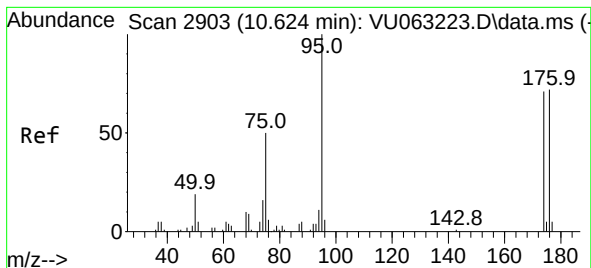
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#56
1,2-Dibromoethane
Concen: 1.935 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

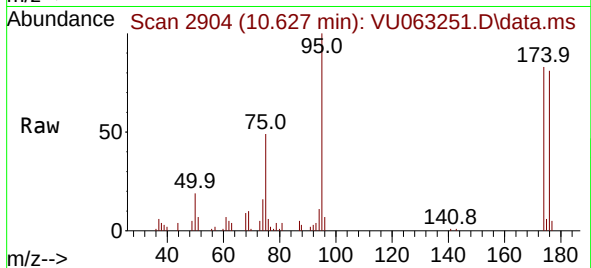
Tgt Ion:107 Resp: 20372
Ion Ratio Lower Upper
107 100
109 96.6 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 1.028 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

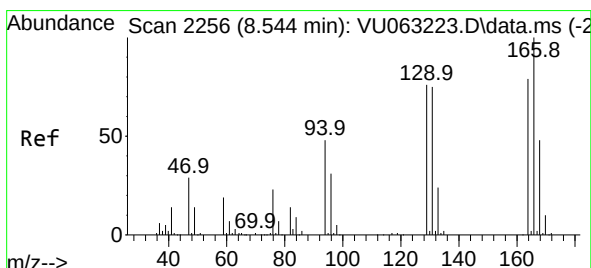
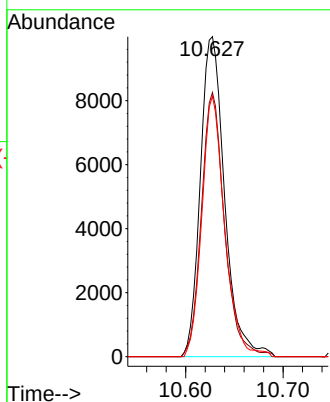
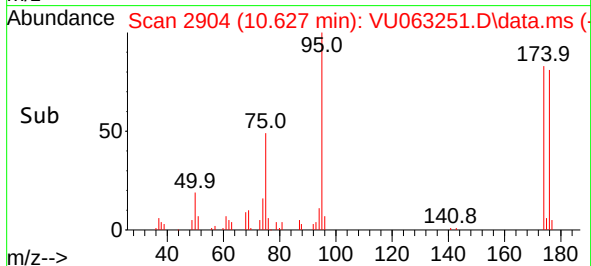
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



Tgt Ion: 95 Resp: 1733
Ion Ratio Lower Upper
95 100
174 78.4 58.6 88.0
176 76.4 58.2 87.4

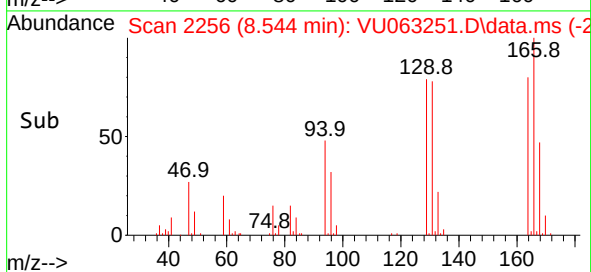
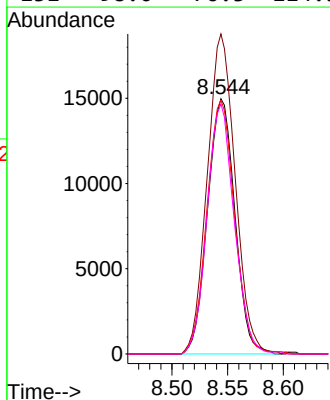
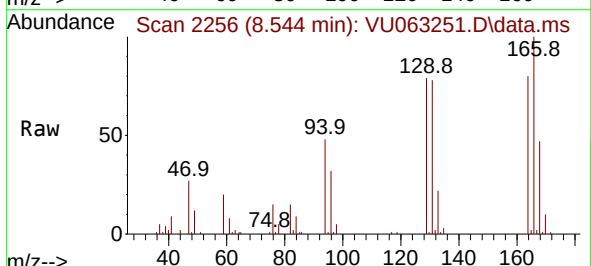
Manual Integrations
APPROVED

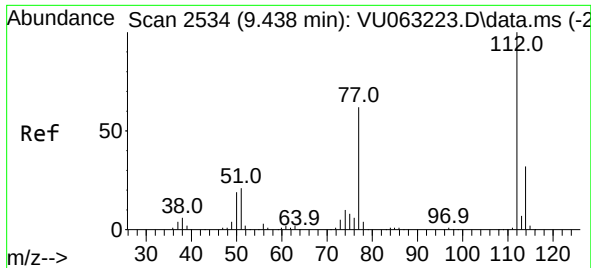
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#58
Tetrachloroethene
Concen: 2.073 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

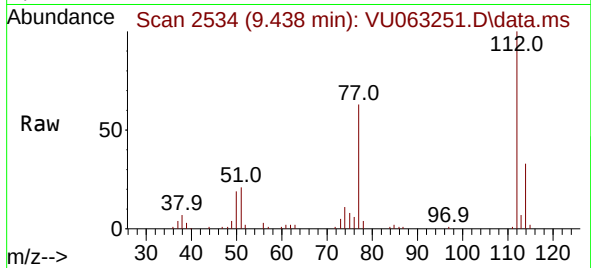
Tgt Ion:164 Resp: 25526
Ion Ratio Lower Upper
164 100
166 125.4 101.4 152.0
129 99.5 77.0 115.4
131 98.0 76.3 114.5





#59
Chlorobenzene
Concen: 1.978 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

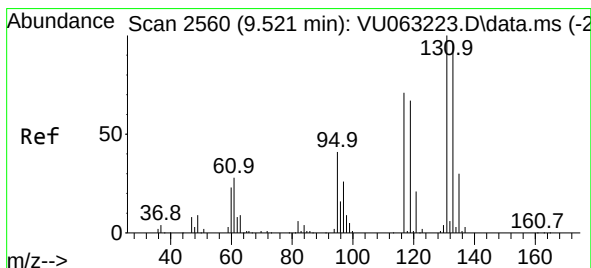
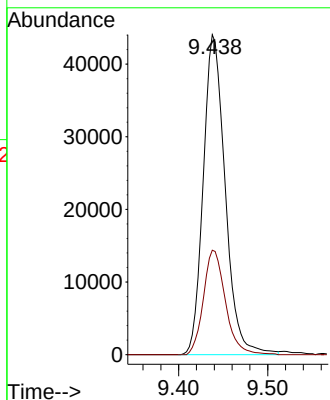
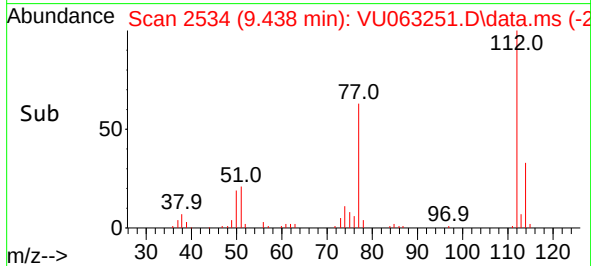
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



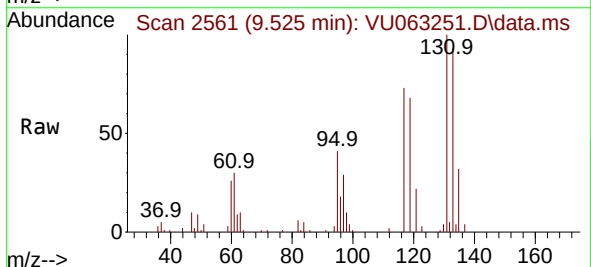
Tgt Ion:112 Resp: 75420
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

Manual Integrations
APPROVED

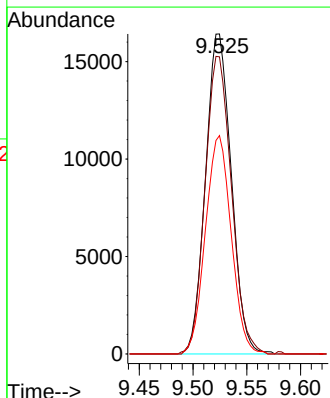
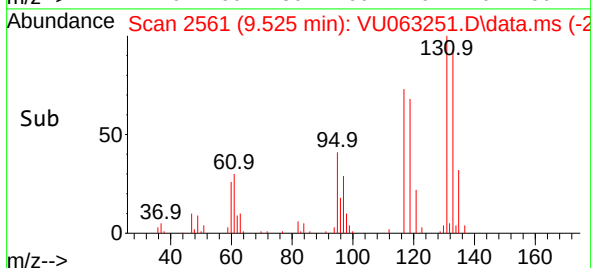
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

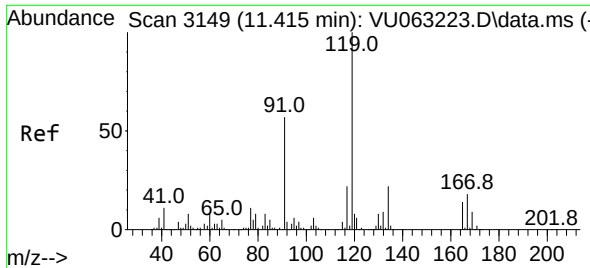


#60
1,1,1,2-Tetrachloroethane
Concen: 1.999 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



Tgt Ion:131 Resp: 27395
Ion Ratio Lower Upper
131 100
133 95.1 76.7 115.1
119 68.2 54.4 81.6





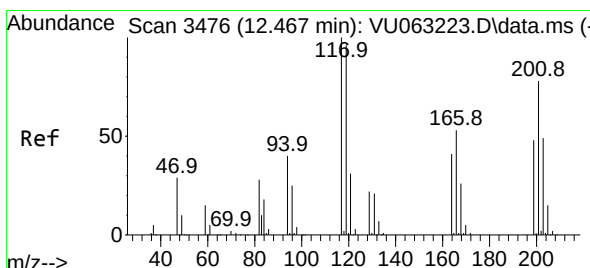
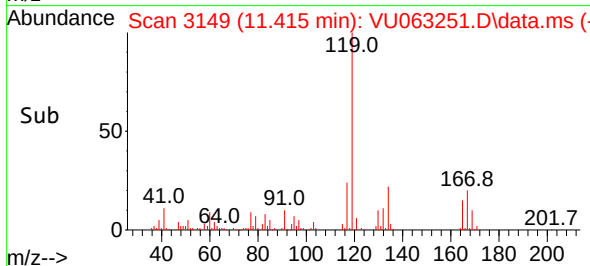
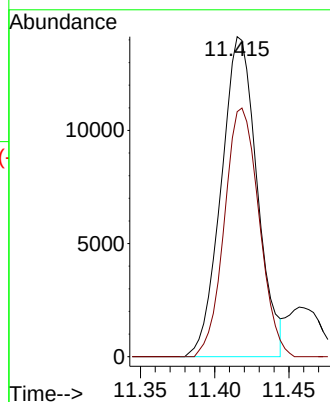
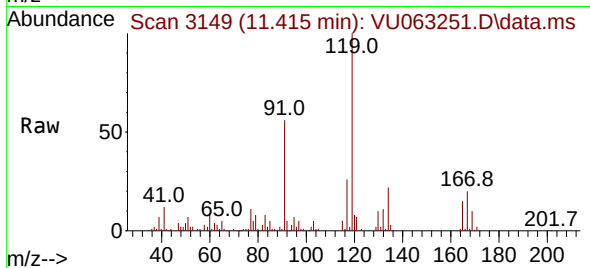
#61
Pentachloroethane
Concen: 1.945 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion:117 Resp: 2380
Ion Ratio Lower Upper
117 100
167 75.0 65.0 97.6

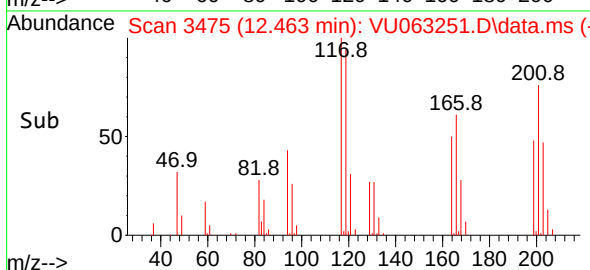
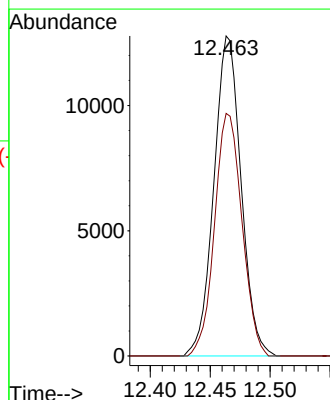
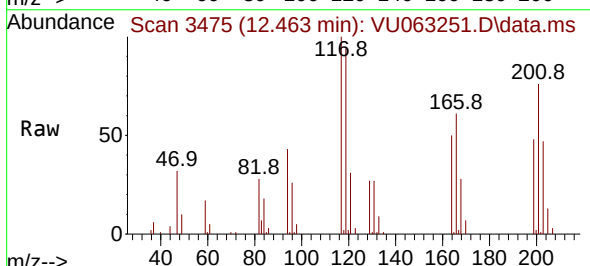
Manual Integrations
APPROVED

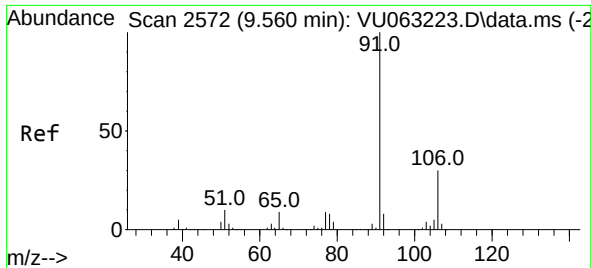
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#62
Hexachloroethane
Concen: 1.861 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion:117 Resp: 20151
Ion Ratio Lower Upper
117 100
201 76.3 61.3 91.9





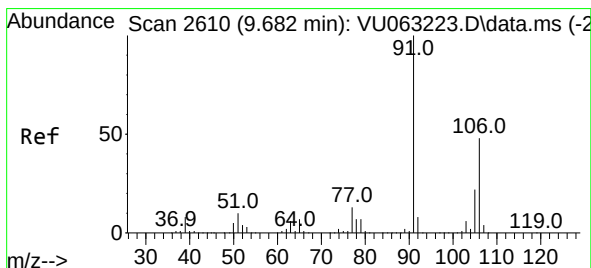
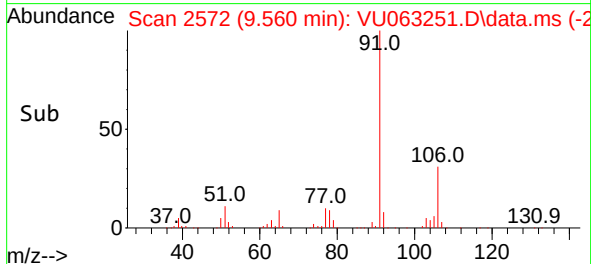
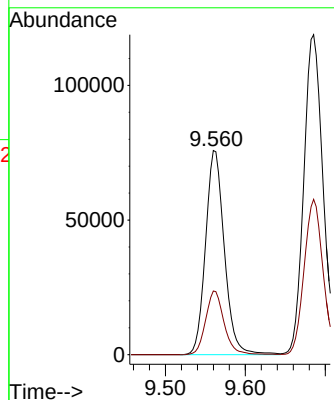
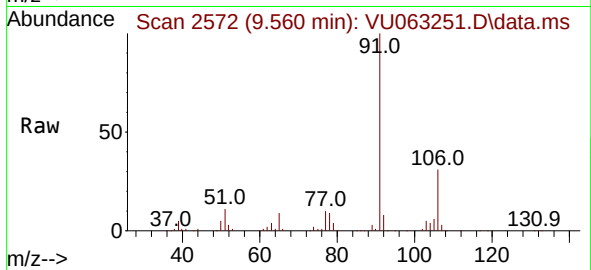
#63
Ethyl Benzene
Concen: 1.894 ug/l
RT: 9.560 min Scan# 2125
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion: 91 Resp: 12455
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.2

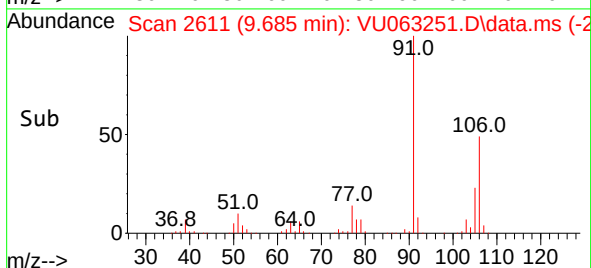
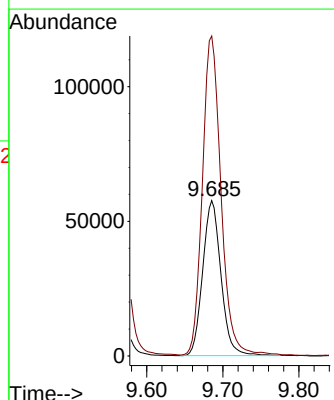
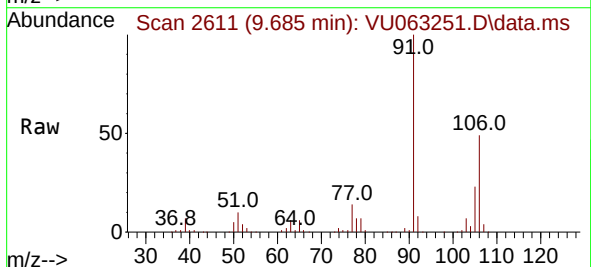
Manual Integrations
APPROVED

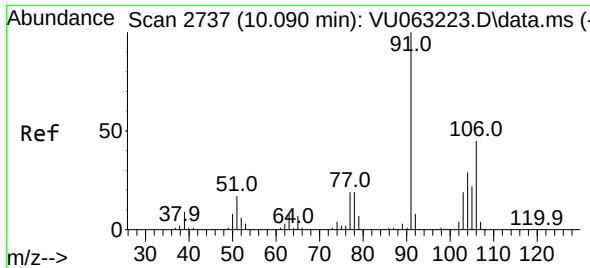
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#64
m/p-Xylenes
Concen: 3.912 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion:106 Resp: 96092
Ion Ratio Lower Upper
106 100
91 209.4 166.9 250.3





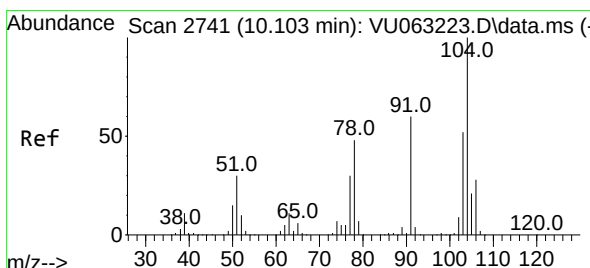
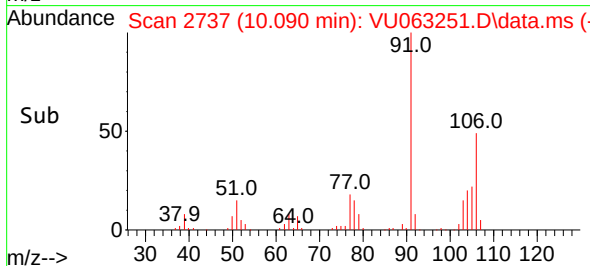
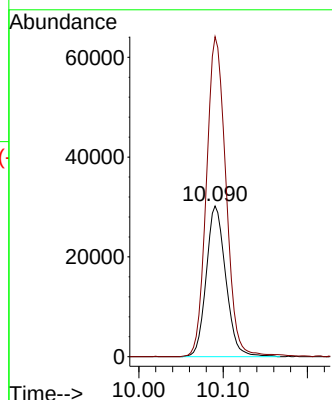
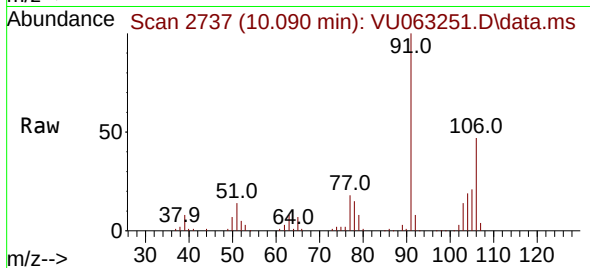
#65
o-Xylene
Concen: 2.027 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion:106 Resp: 48728
Ion Ratio Lower Upper
106 100
91 213.4 110.9 332.9

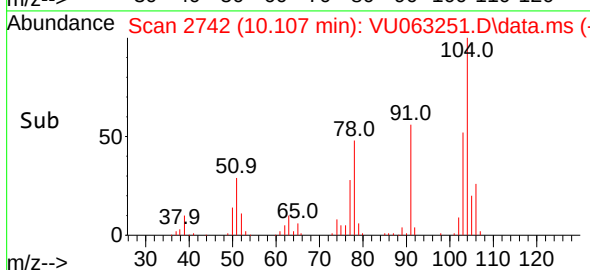
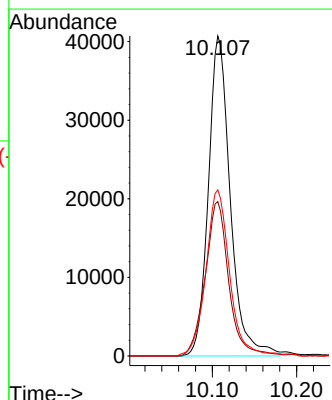
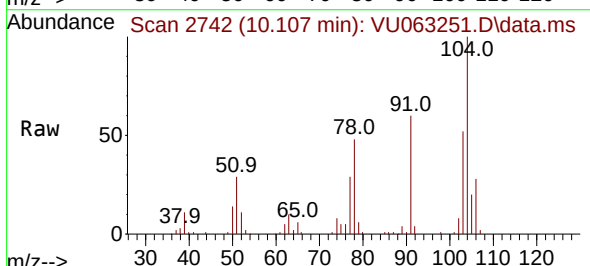
Manual Integrations
APPROVED

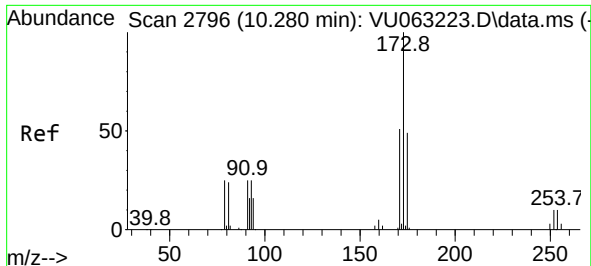
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#66
Styrene
Concen: 1.922 ug/l
RT: 10.107 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

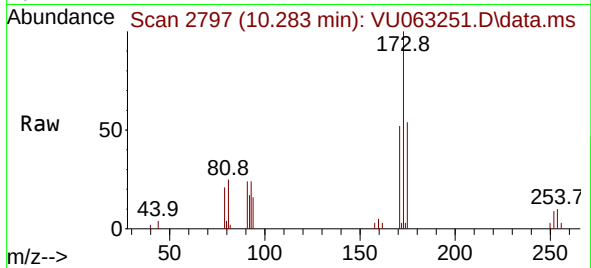
Tgt Ion:104 Resp: 73539
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 55.7 44.8 67.2





#67
Bromoform
Concen: 1.912 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

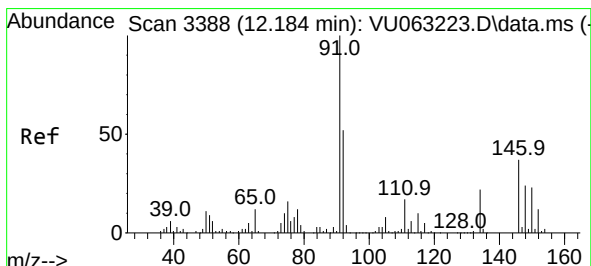
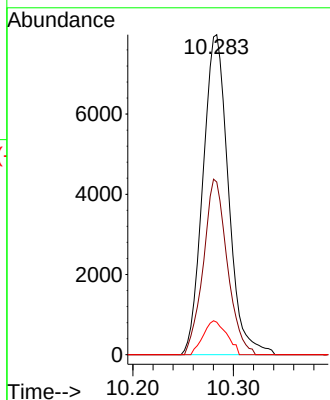
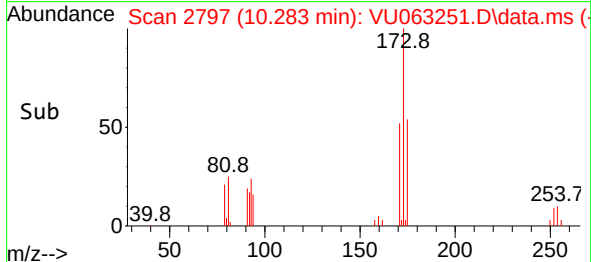
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



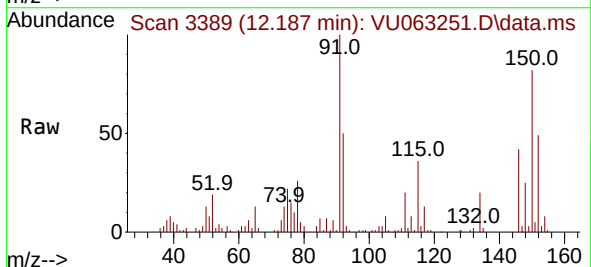
Tgt Ion:173 Resp: 14014
Ion Ratio Lower Upper
173 100
175 51.7 39.0 58.4
254 9.8 7.7 11.5

Manual Integrations
APPROVED

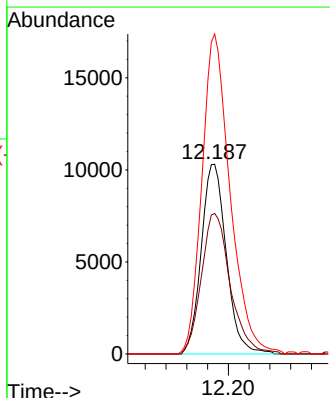
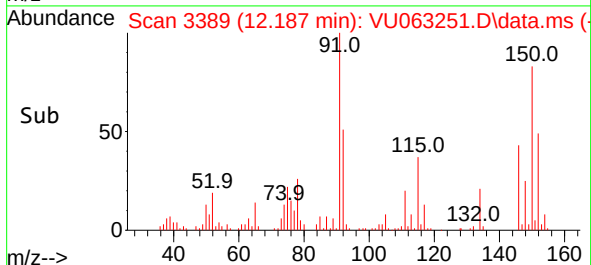
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

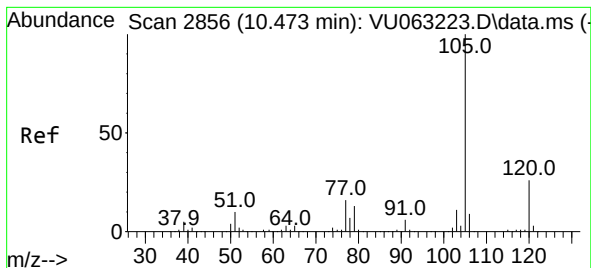


#68
1,2-Dichlorobenzene-d4
Concen: 0.983 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



Tgt Ion:152 Resp: 17238
Ion Ratio Lower Upper
152 100
115 85.5 0.0 275.2
150 189.7 0.0 658.4





#69

Isopropylbenzene

Concen: 1.950 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBS01

Tgt Ion:105 Resp: 110230

Ion Ratio Lower Upper

105 100

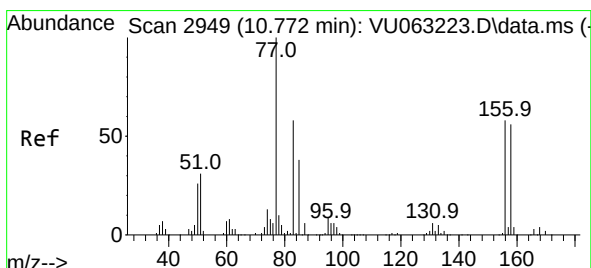
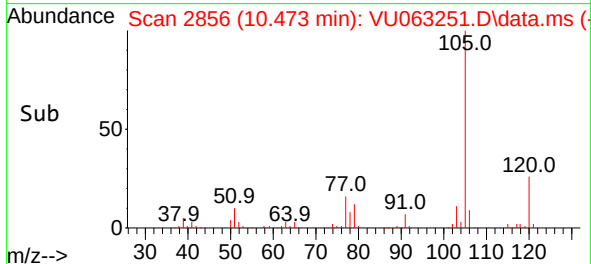
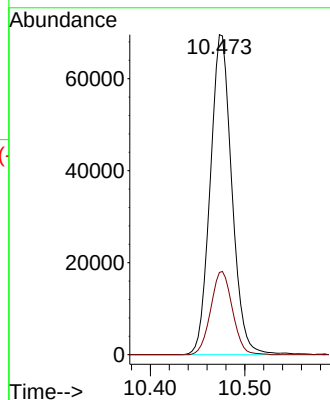
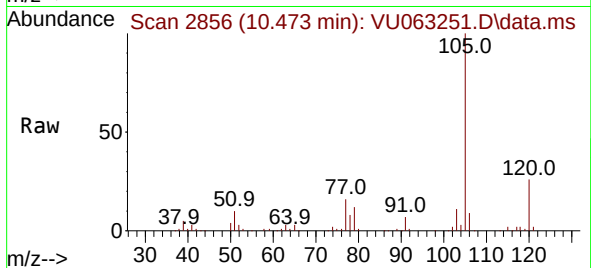
120 26.1 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 1.972 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

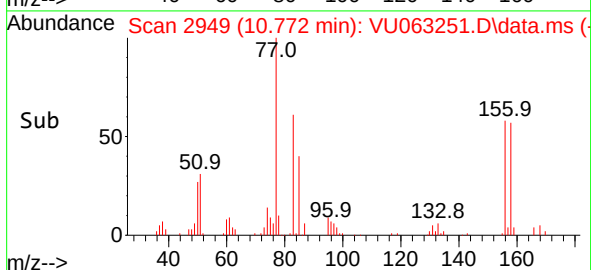
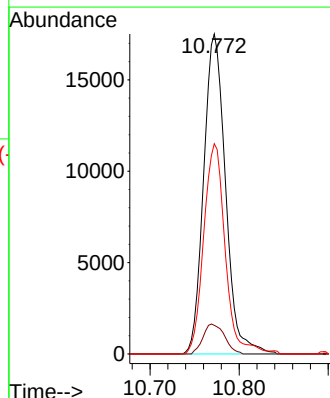
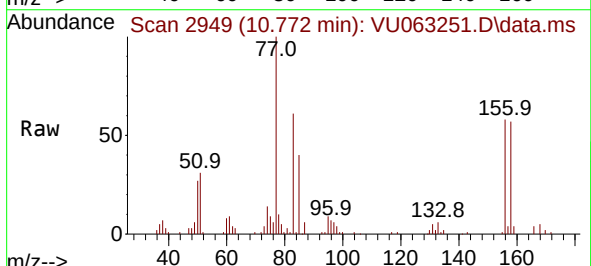
Tgt Ion: 83 Resp: 29840

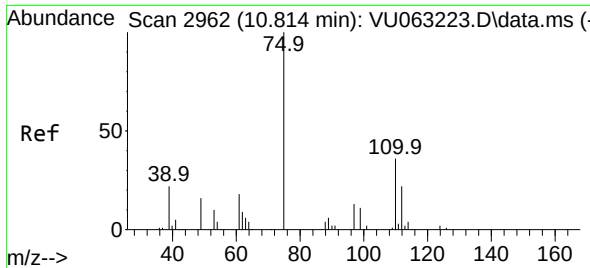
Ion Ratio Lower Upper

83 100

131 9.2 7.4 11.0

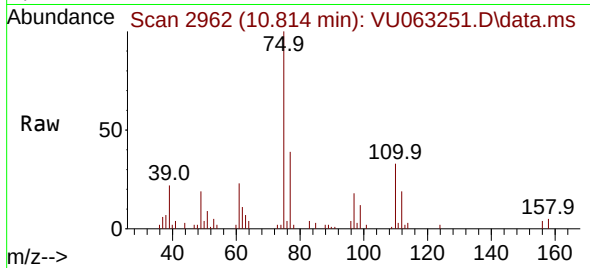
85 64.3 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 2.043 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

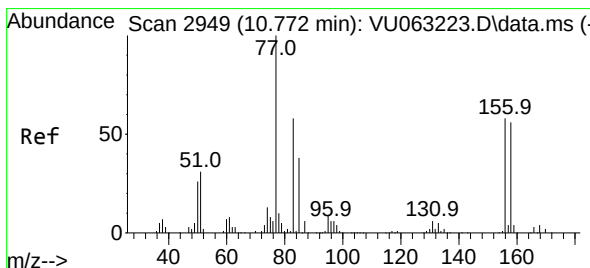
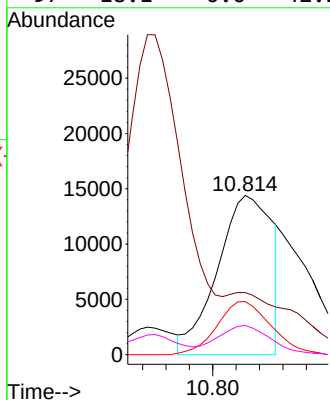
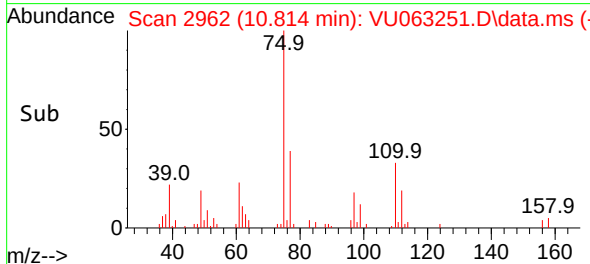
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



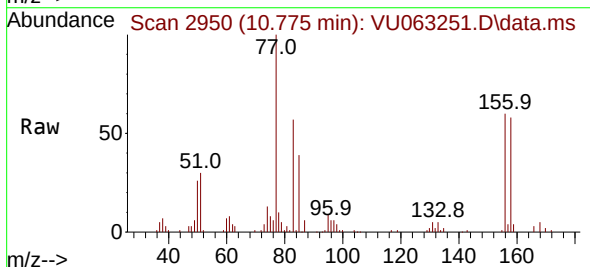
Tgt Ion:	75	Resp:	23230
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	33.3	0.0	77.0
97	18.1	0.0	42.2

Manual Integrations
APPROVED

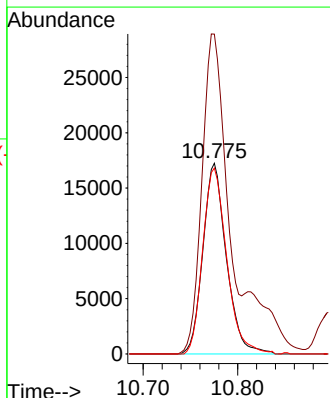
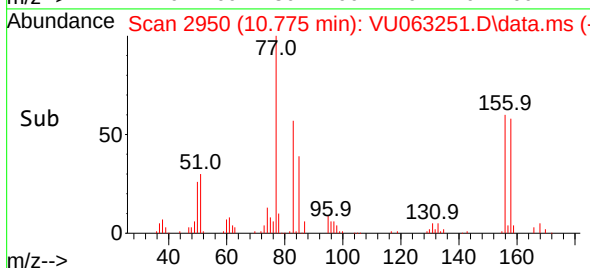
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

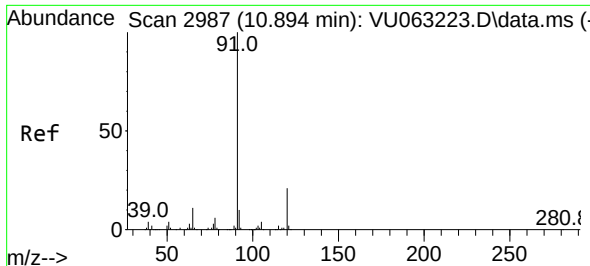


#72
Bromobenzene
Concen: 1.955 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



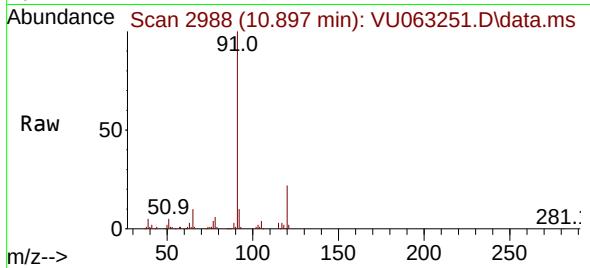
Tgt Ion:	156	Resp:	29771
Ion Ratio	Lower	Upper	
156	100		
77	173.0	0.0	343.6
158	99.7	0.0	193.0





#73
n-propylbenzene
Concen: 1.932 ug/l
RT: 10.897 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

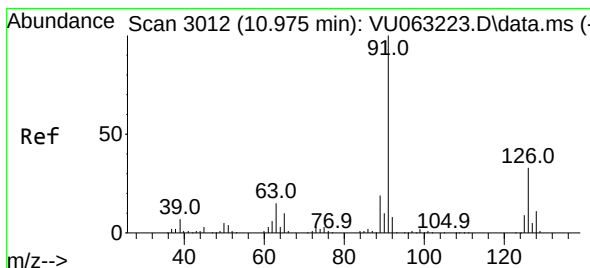
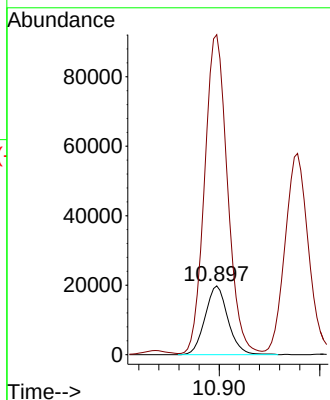
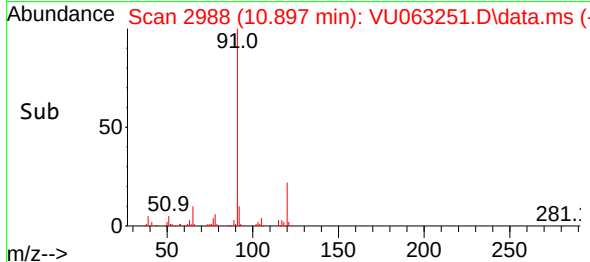
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



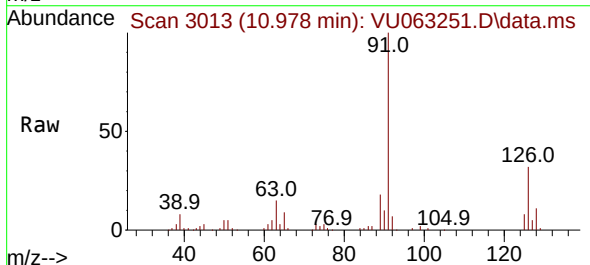
Tgt Ion:120 Resp: 3126
Ion Ratio Lower Upper
120 100
91 463.8 369.8 554.6

Manual Integrations
APPROVED

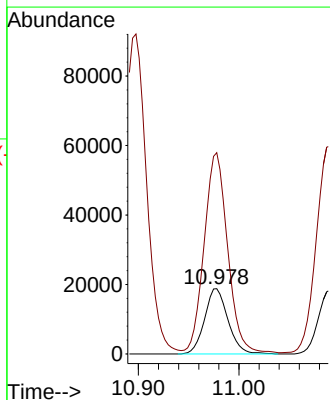
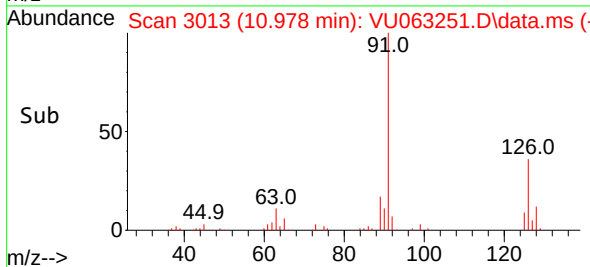
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

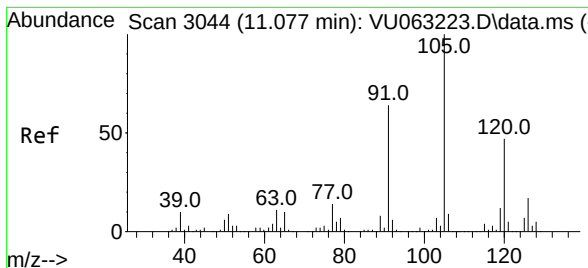


#74
2-Chlorotoluene
Concen: 2.030 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



Tgt Ion:126 Resp: 30285
Ion Ratio Lower Upper
126 100
91 307.8 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 1.955 ug/l

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBS01

Tgt Ion:105 Resp: 10240

Ion Ratio Lower Upper

105 100

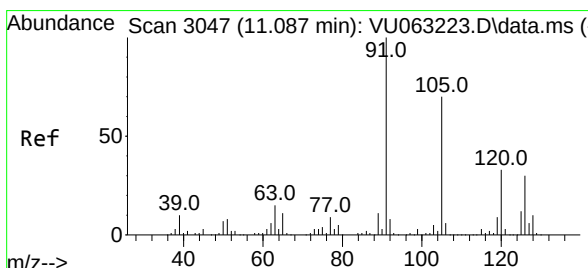
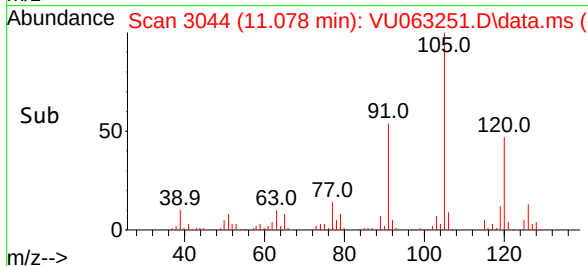
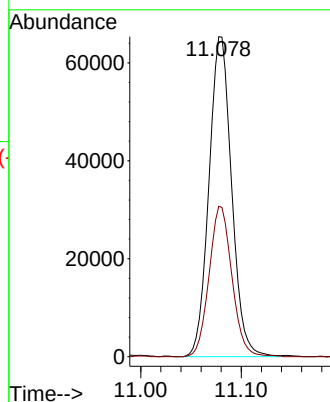
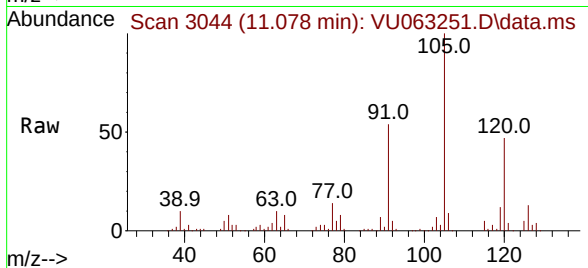
120 47.4 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#76

4-Chlorotoluene

Concen: 1.962 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VU063251.D

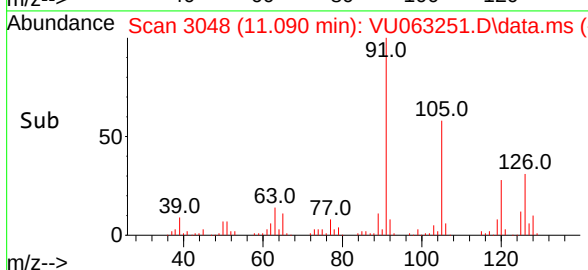
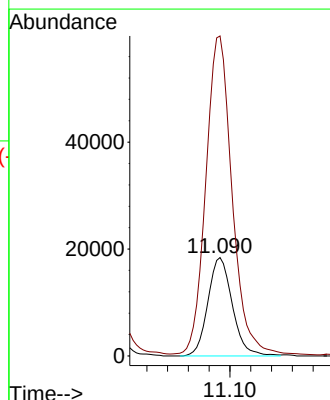
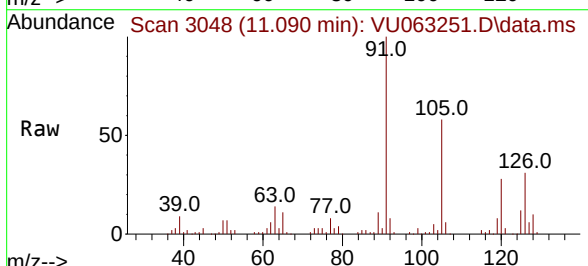
Acq: 12 Feb 2025 12:56

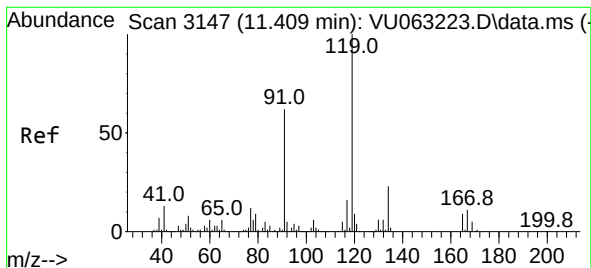
Tgt Ion:126 Resp: 30015

Ion Ratio Lower Upper

126 100

91 349.1 0.0 703.6





#77

tert-Butylbenzene

Concen: 1.955 ug/l

RT: 11.409 min Scan# 3147

Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

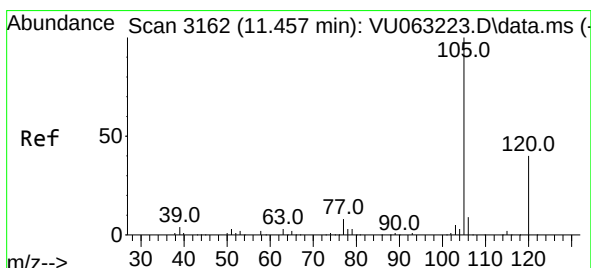
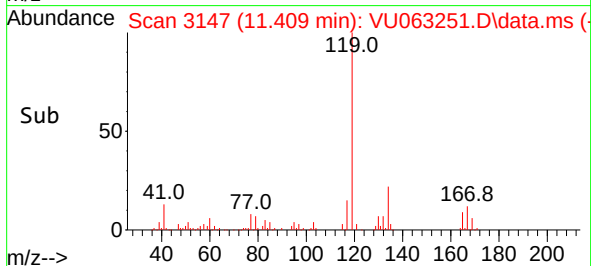
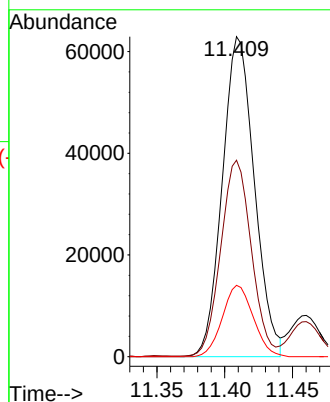
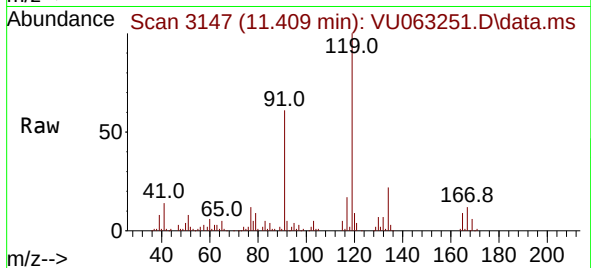
VU0212WBS01

Tgt Ion:	119	Resp:	10357
Ion Ratio	Lower	Upper	
119	100		
91	58.3	29.4	88.3
134	21.5	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: 1.940 ug/l

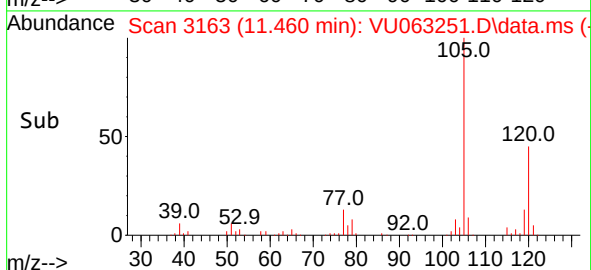
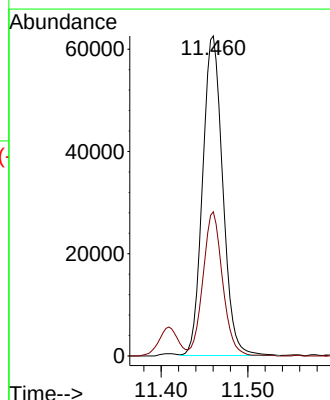
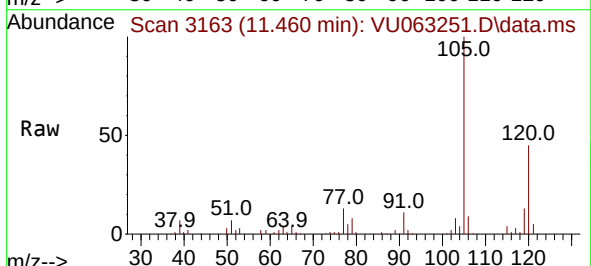
RT: 11.460 min Scan# 3163

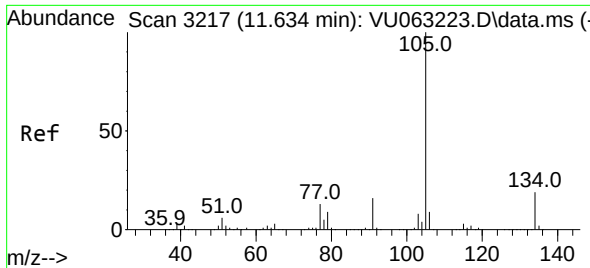
Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

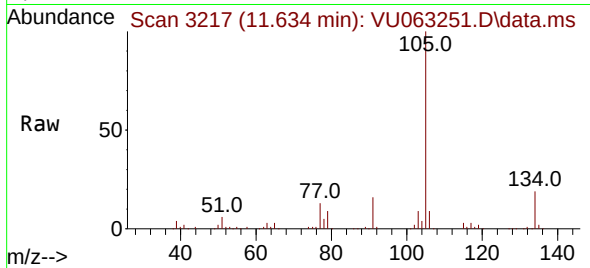
Tgt Ion:	105	Resp:	100810
Ion Ratio	Lower	Upper	
105	100		
120	44.0	21.9	65.7





#79
 sec-Butylbenzene
 Concen: 1.972 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

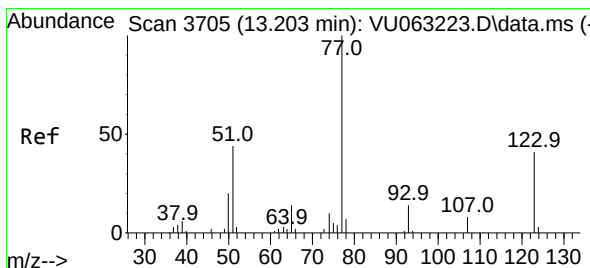
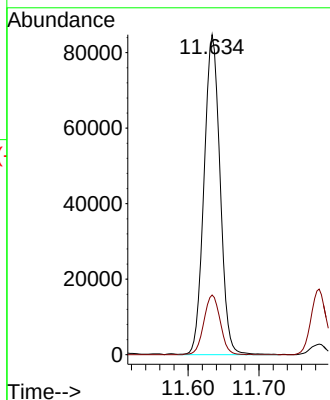
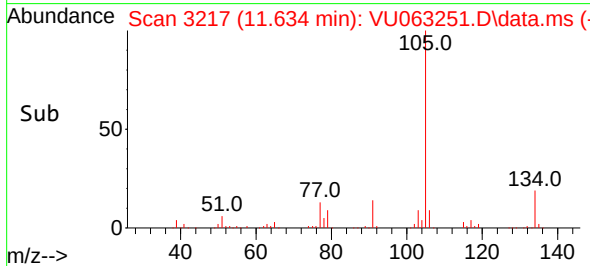
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0212WBS01



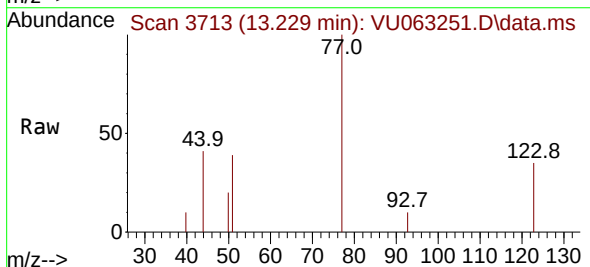
Tgt Ion:105 Resp: 13302
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.1 22.7

Manual Integrations
 APPROVED

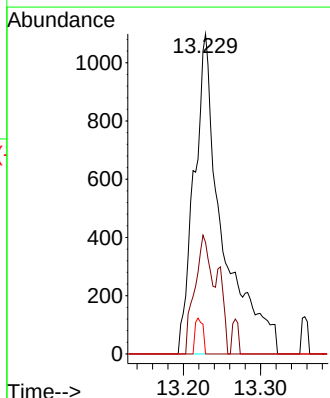
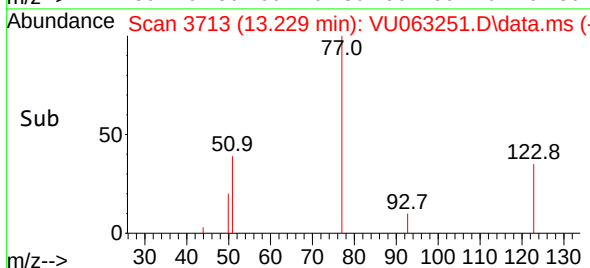
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

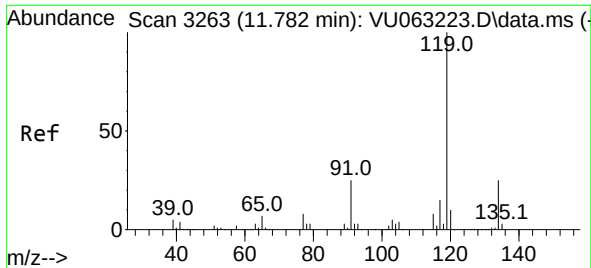


#80
 Nitrobenzene
 Concen: 9.568 ug/l m
 RT: 13.229 min Scan# 3713
 Delta R.T. 0.026 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56



Tgt Ion: 77 Resp: 2781
 Ion Ratio Lower Upper
 77 100
 123 22.5 18.9 67.1
 65 3.1 11.9 15.1#





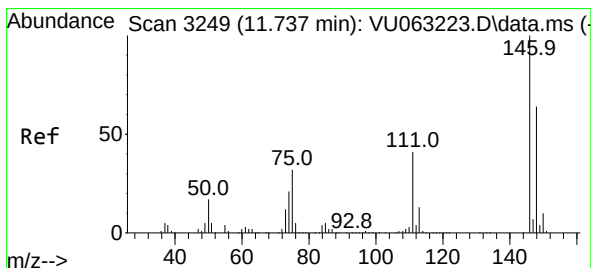
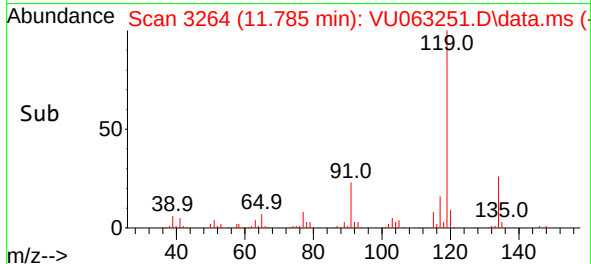
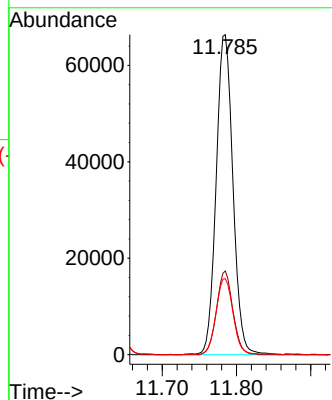
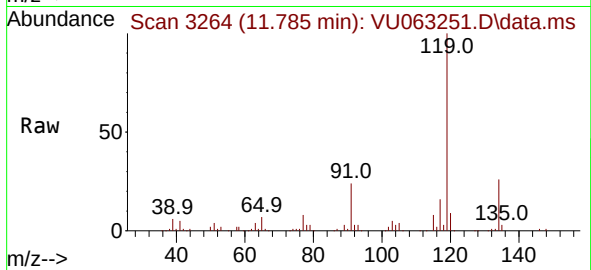
#81
p-Isopropyltoluene
Concen: 1.954 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion:119 Resp: 10401
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 24.3 19.4 29.2

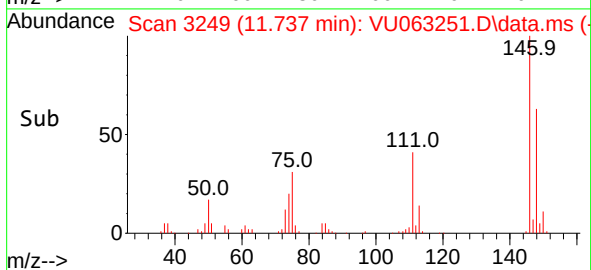
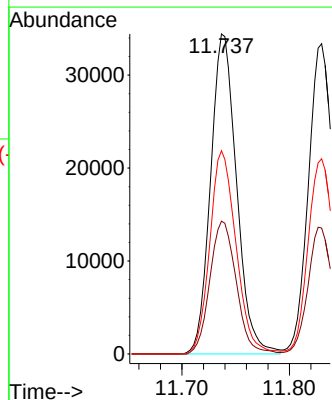
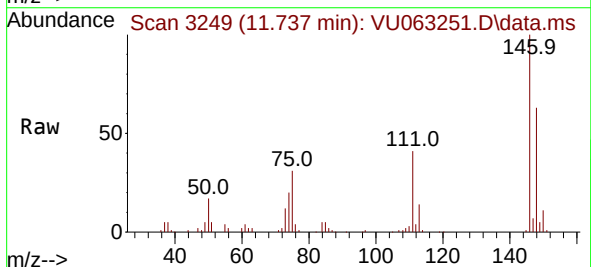
Manual Integrations
APPROVED

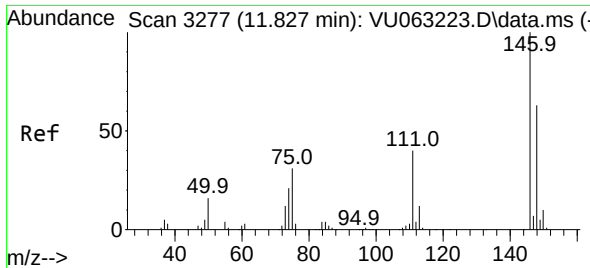
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#82
1,3-Dichlorobenzene
Concen: 1.959 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion:146 Resp: 57876
Ion Ratio Lower Upper
146 100
111 42.2 32.8 49.2
148 64.2 51.1 76.7





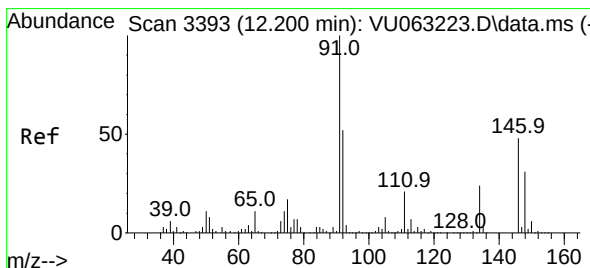
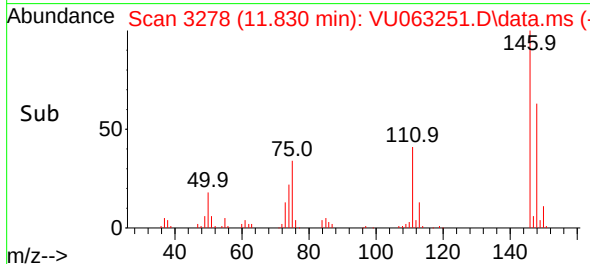
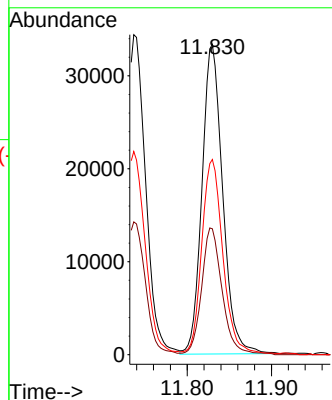
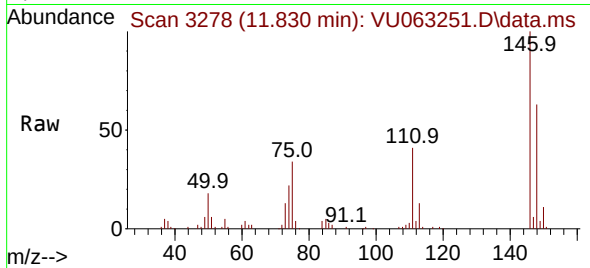
#83
1,4-Dichlorobenzene
Concen: 1.974 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion:146 Resp: 5704
Ion Ratio Lower Upper
146 100
111 40.6 32.1 48.1
148 63.9 50.2 75.4

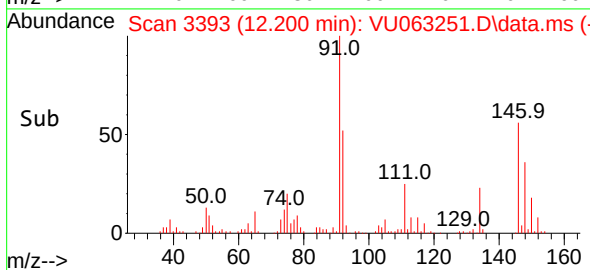
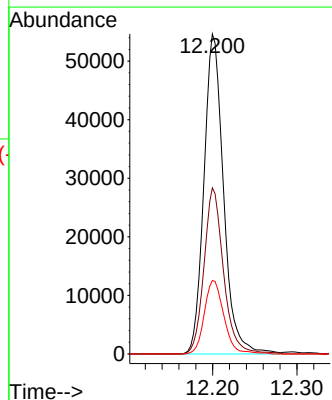
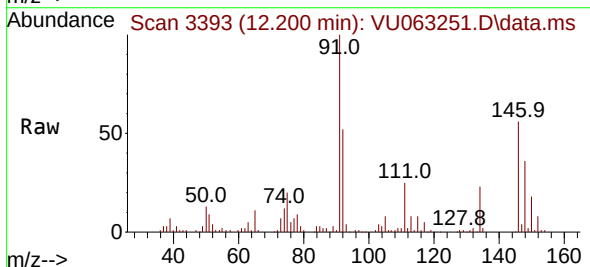
Manual Integrations
APPROVED

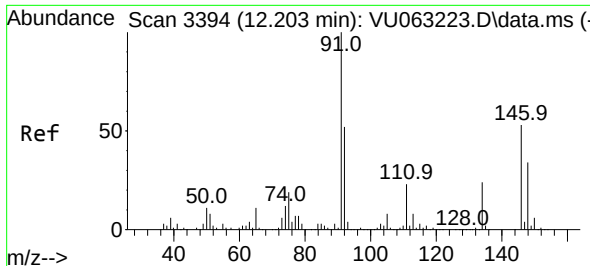
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#84
n-Butylbenzene
Concen: 1.858 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

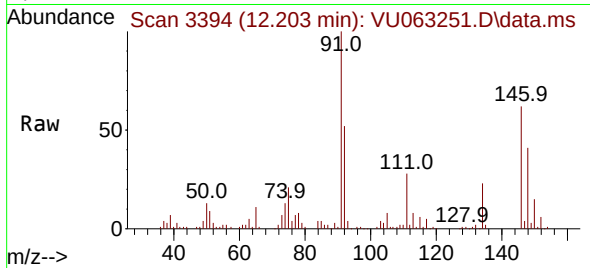
Tgt Ion: 91 Resp: 88658
Ion Ratio Lower Upper
91 100
92 51.7 41.8 62.8
134 22.9 18.6 28.0





#85
1,2-Dichlorobenzene
Concen: 1.985 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

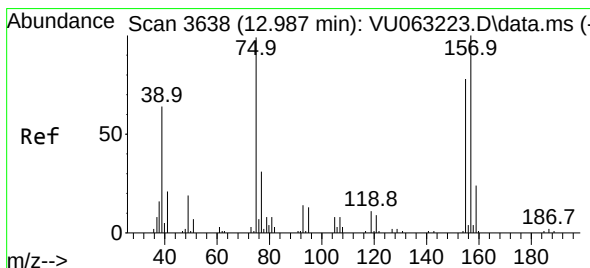
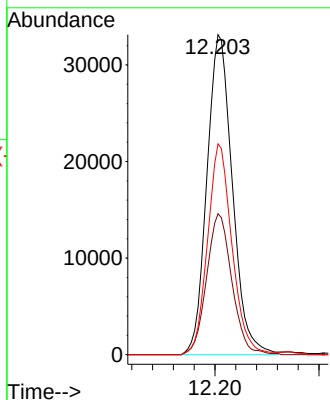
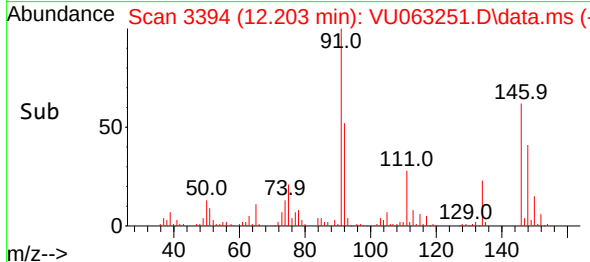
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01



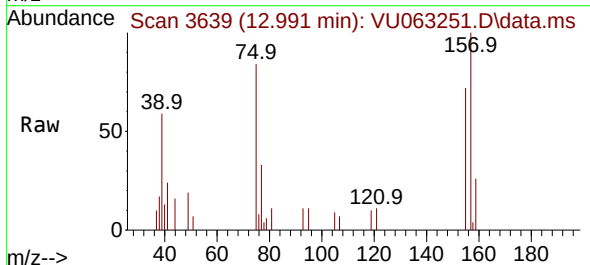
Tgt Ion:146 Resp: 5635
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.7
148 63.4 32.3 96.9

Manual Integrations
APPROVED

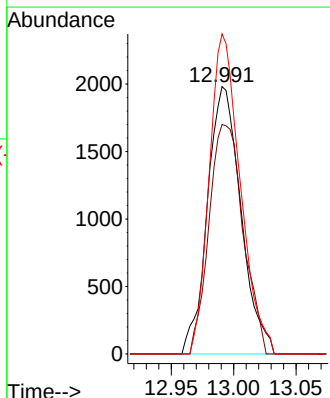
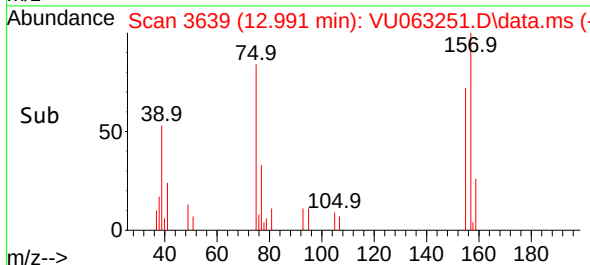
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

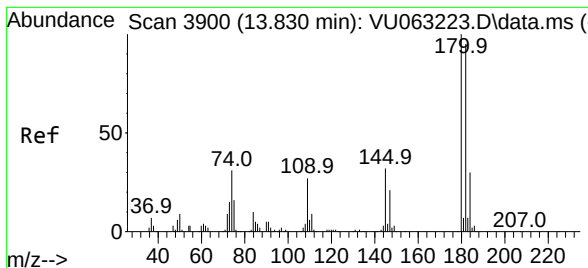


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.744 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



Tgt Ion: 75 Resp: 3704
Ion Ratio Lower Upper
75 100
155 87.3 63.5 95.3
157 110.6 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 1.755 ug/l

RT: 13.836 min Scan# 3900

Delta R.T. 0.006 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

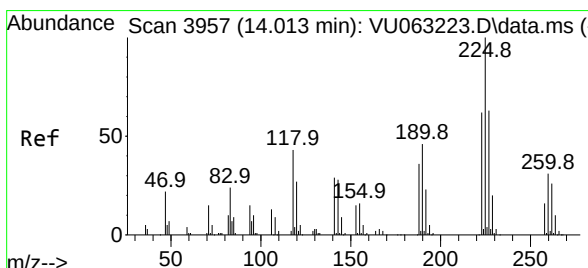
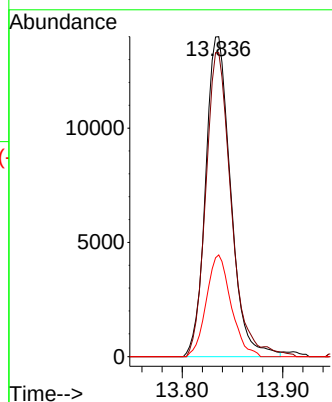
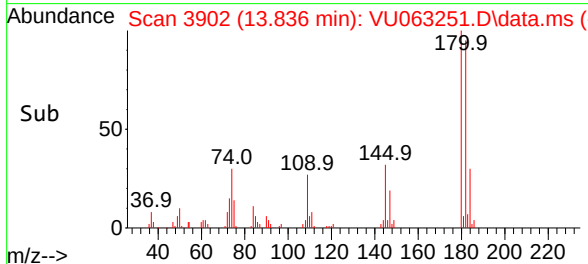
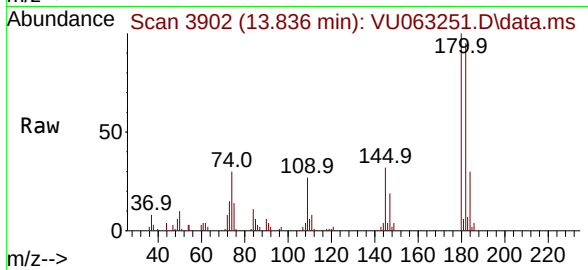
VU0212WBS01

Tgt Ion:180	Resp:	24294
Ion Ratio	Lower	Upper
180	100	
182	96.5	76.6 115.0
145	31.3	25.4 38.2

Manual Integrations

APPROVED

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



#88

Hexachlorobutadiene

Concen: 2.061 ug/l

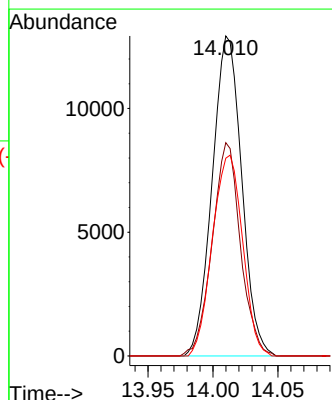
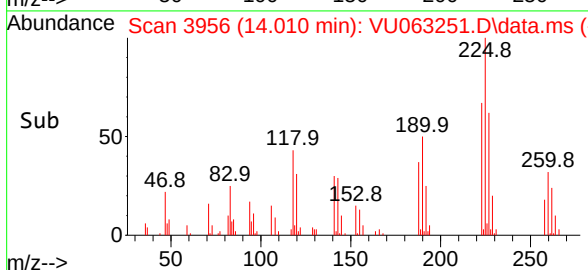
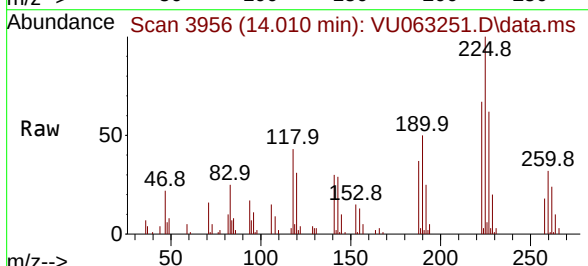
RT: 14.010 min Scan# 3956

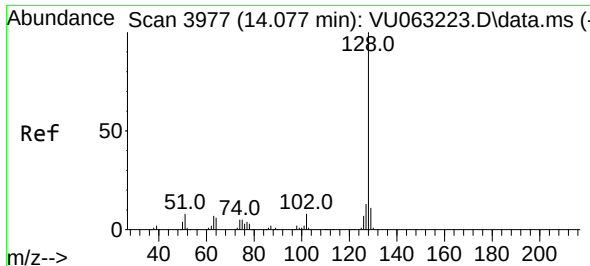
Delta R.T. -0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Tgt Ion:225	Resp:	20391
Ion Ratio	Lower	Upper
225	100	
223	63.8	49.5 74.3
227	64.3	51.0 76.4





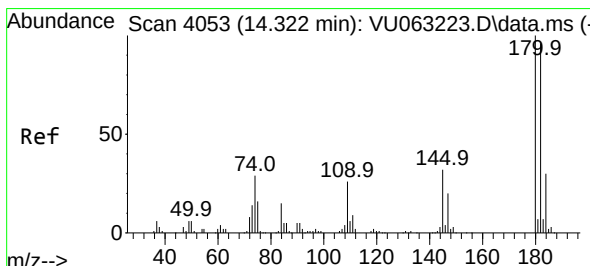
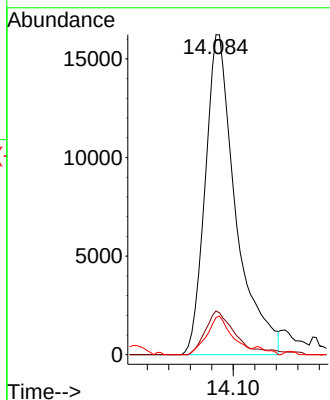
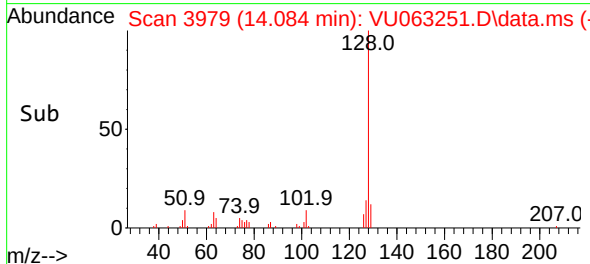
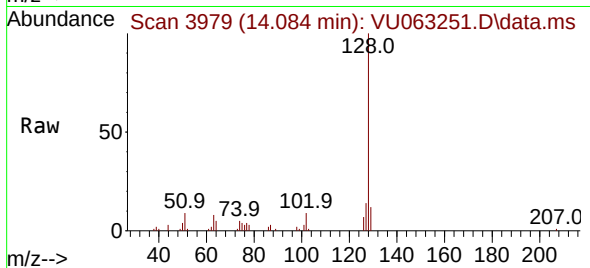
#89
Naphthalene
Concen: 1.689 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.006 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBS01

Tgt Ion:128 Resp: 31940
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 10.0 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.598 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion:180 Resp: 21647
Ion Ratio Lower Upper
180 100
182 100.5 78.2 117.2
145 31.9 26.1 39.1

