

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
 Data File : VU063553.D
 Acq On : 21 Jul 2025 19:14
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025

Quant Time: Jul 22 04:09:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.094	96	17814	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	7371	1.093	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	7067	1.133	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	52135	9.926	ug/l	98
3) Chloromethane	1.518	50	51940	10.638	ug/l	99
4) Vinyl Chloride	1.595	62	67466	10.849	ug/l	100
5) Bromomethane	1.843	94	47044	10.032	ug/l	98
6) Chloroethane	1.920	64	43769	11.657	ug/l	99
7) Trichlorofluoromethane	2.126	101	104180	11.668	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	55501	11.895	ug/l	99
9) 1,1-Dichloroethene	2.566	96	52280	11.304	ug/l	99
10) Iodomethane	2.708	142	70060	10.120	ug/l	99
11) Allyl Chloride	2.907	41	71779	10.743	ug/l	100
12) Acrylonitrile	3.303	53	27877	24.099	ug/l	98
13) Acetone	2.618	43	48461	52.290	ug/l	100
14) Carbon Disulfide	2.775	76	132710	8.884	ug/l	99
15) Methylene Chloride	3.026	84	64303	11.809	ug/l	100
16) trans-1,2-Dichloroethene	3.332	96	58388	11.116	ug/l	99
17) 1,1-Dichloroethane	3.846	63	116083	11.924	ug/l	99
18) 2-Butanone	4.711	43	85019	59.238	ug/l	100
19) Cyclohexane	5.357	56	94285	11.438	ug/l	99
20) Methylcyclohexane	6.740	83	77004	9.611	ug/l	98
21) 2,2-Dichloropropane	4.640	77	75891	9.154	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	67015	11.758	ug/l	99
23) Diethyl Ether	2.367	59	42528	12.067	ug/l	98
24) tert-Butyl Alcohol	3.190	59	52384	123.135	ug/l	100
25) Methyl tert-Butyl Ether	3.357	73	142909	11.836	ug/l	99
26) Bromochloromethane	4.952	128	28839	12.118	ug/l	97
27) Chloroform	5.068	83	119816	12.061	ug/l	100
28) 1,1,1-Trichloroethane	5.293	97	97254	11.535	ug/l	98
29) 1,1-Dichloropropene	5.502	75	92158	11.799	ug/l	98
30) Carbon Tetrachloride	5.499	117	78036	11.499	ug/l	98
31) Isopropyl Ether	3.991	45	175257	11.926	ug/l	99
32) Ethyl-t-butyl ether	4.502	59	158193	11.632	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	140833	11.932	ug/l	99
34) Propionitrile	4.775	54	25296	57.848	ug/l	98
35) Benzene	5.753	78	257299	12.261	ug/l	99
36) 1,2-Dichloroethane	5.779	62	81720	12.532	ug/l	99
37) Trichloroethene	6.524	130	49145	9.178	ug/l	93
38) 1,2-Dichloropropane	6.778	63	52770	10.744	ug/l	98
39) Methacrylonitrile	4.971	41	22087	11.363	ug/l	96
40) Methyl acrylate	4.846	55	34748	12.230	ug/l	99
41) Tetrahydrofuran	5.058	42	22390	21.897	ug/l	99
42) 1-Chlorobutane	5.434	56	125268	12.063	ug/l	98
43) Dibromomethane	6.904	93	27313	10.735	ug/l	93
44) Bromodichloromethane	7.094	83	56807	9.900	ug/l	96

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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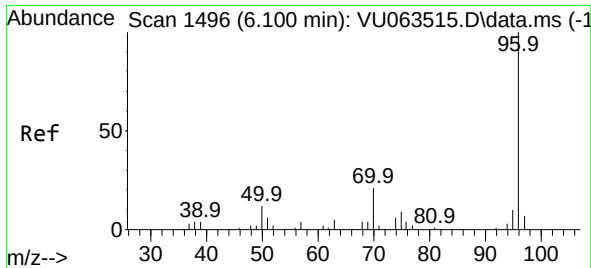
Manual Integrations
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Reviewed By :Mahesh Dadoda 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025

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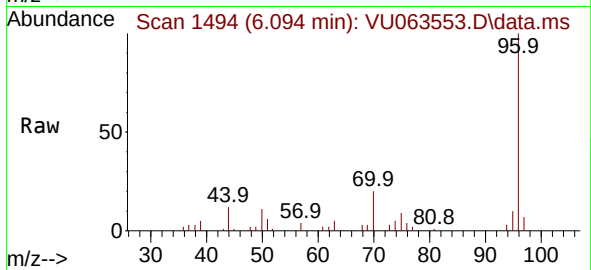
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	154473	58.906	ug/l	98
46) t-1,4-Dichloro-2-butene	10.817	75	22991m	23.355	ug/l	
47) Methyl methacrylate	6.962	69	47751	22.346	ug/l	96
48) Ethyl methacrylate	8.331	69	47030	11.533	ug/l	100
49) Toluene	7.955	92	127714	11.146	ug/l	98
50) t-1,3-Dichloropropene	8.203	75	42661	9.476	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	58878	9.744	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	39175	11.436	ug/l	99
53) 1,3-Dichloropropane	8.566	76	68687	11.615	ug/l	99
54) 2-Hexanone	8.685	43	102200	58.674	ug/l	100
55) Dibromochloromethane	8.801	129	36876	10.187	ug/l	97
56) 1,2-Dibromoethane	8.913	107	34238	11.168	ug/l	99
58) Tetrachloroethene	8.540	164	46719	9.534	ug/l	99
59) Chlorobenzene	9.438	112	144296	10.964	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	44029	10.404	ug/l	98
61) Pentachloroethane	11.418	117	36777	12.298	ug/l	92
62) Hexachloroethane	12.466	117	30948	10.451	ug/l	92
63) Ethyl Benzene	9.560	91	250535	11.063	ug/l	99
64) m/p-Xylenes	9.685	106	196599	22.334	ug/l	96
65) o-Xylene	10.090	106	98107	11.599	ug/l	99
66) Styrene	10.106	104	158528	11.760	ug/l	98
67) Bromoform	10.280	173	17546	9.437	ug/l	99
69) Isopropylbenzene	10.473	105	239583	11.716	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	50904	12.212	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	36010m	10.637	ug/l	
72) Bromobenzene	10.772	156	59178	11.214	ug/l	96
73) n-propylbenzene	10.897	120	71969	11.692	ug/l	94
74) 2-Chlorotoluene	10.978	126	62587	11.504	ug/l	100
75) 1,3,5-Trimethylbenzene	11.077	105	232624	11.908	ug/l	99
76) 4-Chlorotoluene	11.087	126	66456	12.029	ug/l	99
77) tert-Butylbenzene	11.409	119	220480	11.810	ug/l	98
78) 1,2,4-Trimethylbenzene	11.457	105	235693	12.161	ug/l	99
79) sec-Butylbenzene	11.634	105	306974	12.193	ug/l	98
80) Nitrobenzene	13.203	77	3154	36.777	ug/l #	92
81) p-Isopropyltoluene	11.785	119	250793	11.934	ug/l	99
82) 1,3-Dichlorobenzene	11.736	146	121938	11.548	ug/l	99
83) 1,4-Dichlorobenzene	11.826	146	122418	11.582	ug/l	98
84) n-Butylbenzene	12.199	91	251485	12.903	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	116506	11.745	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	6805	9.721	ug/l	95
87) 1,2,4-Trichlorobenzene	13.833	180	68729	11.141	ug/l	100
88) Hexachlorobutadiene	14.013	225	38263	10.922	ug/l	99
89) Naphthalene	14.080	128	129971	11.758	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	77336	13.566	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.094 min Scan# 1496
Delta R.T. -0.006 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

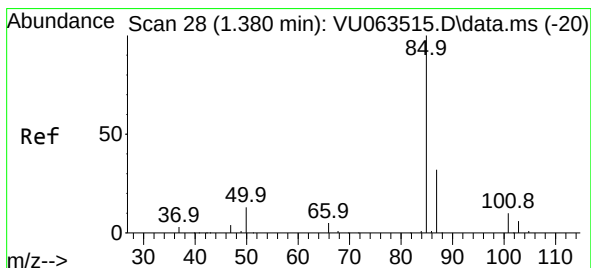
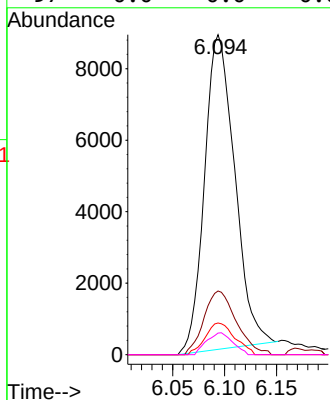
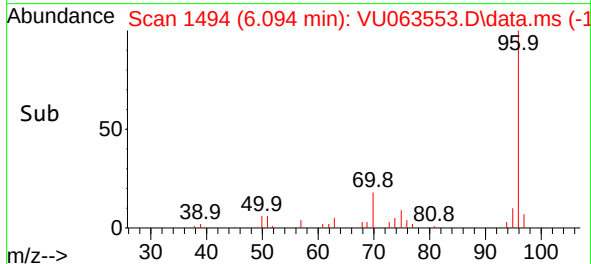
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 96 Resp: 17814
Ion Ratio Lower Upper
96 100
70 21.7 15.0 22.4
95 9.8 7.4 11.0
97 0.0 0.0 0.0

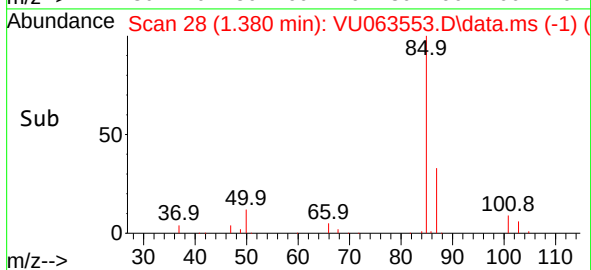
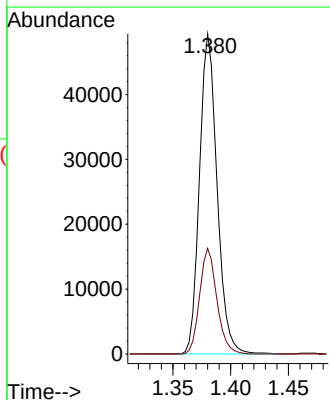
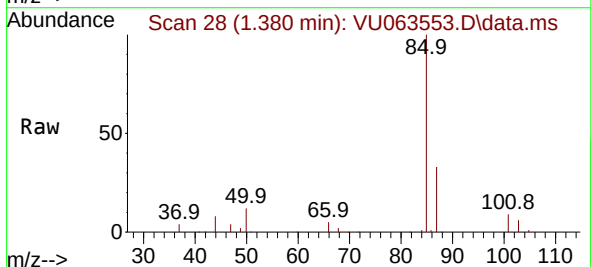
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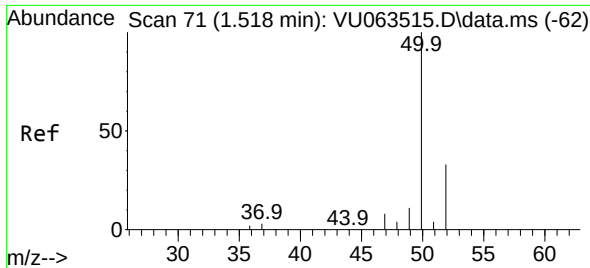
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#2
Dichlorodifluoromethane
Concen: 9.926 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

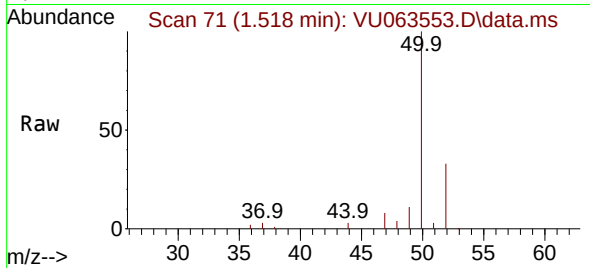
Tgt Ion: 85 Resp: 52135
Ion Ratio Lower Upper
85 100
87 33.0 16.0 47.9





#3
Chloromethane
Concen: 10.638 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

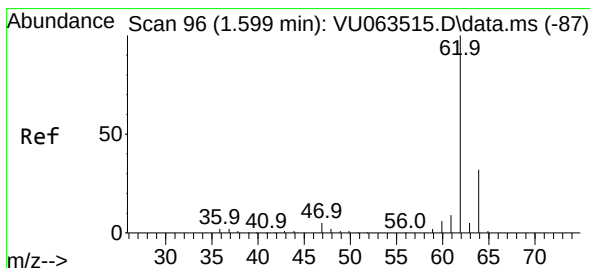
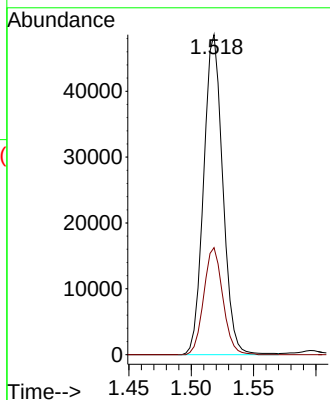
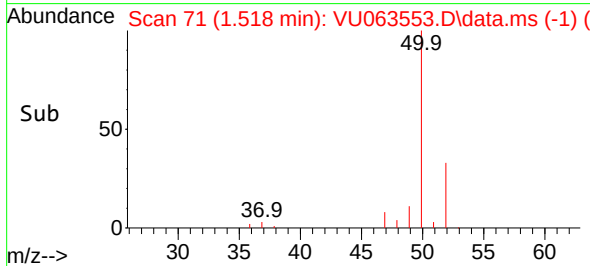
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 50 Resp: 51940
Ion Ratio Lower Upper
50 100
52 33.4 26.3 39.5

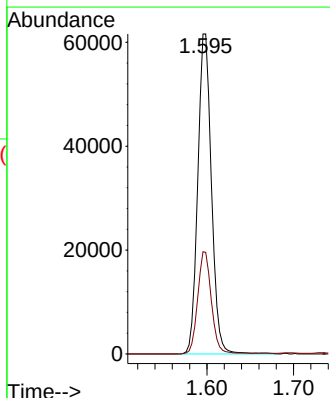
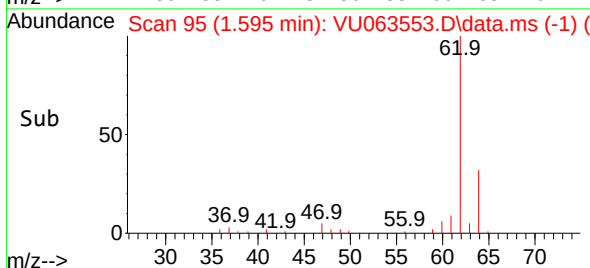
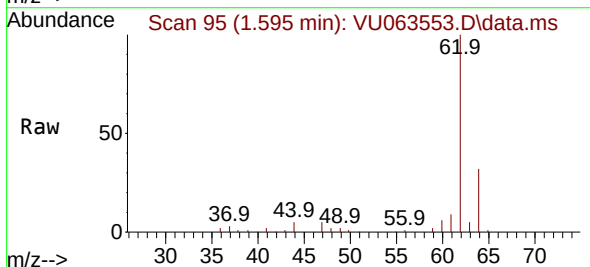
Manual Integrations
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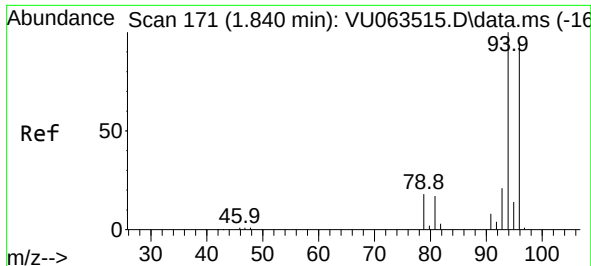
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#4
Vinyl Chloride
Concen: 10.849 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

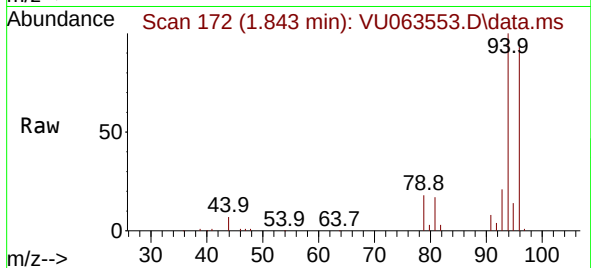
Tgt Ion: 62 Resp: 67466
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5





#5
Bromomethane
Concen: 10.032 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

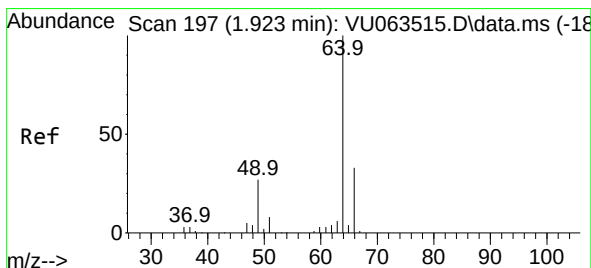
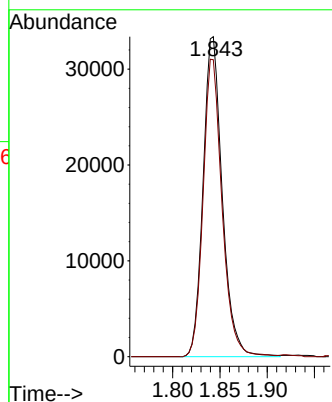
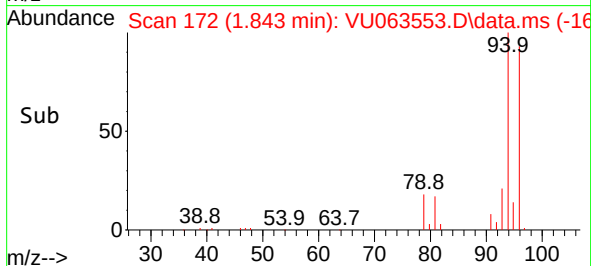
Instrument :
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ClientSampleId :
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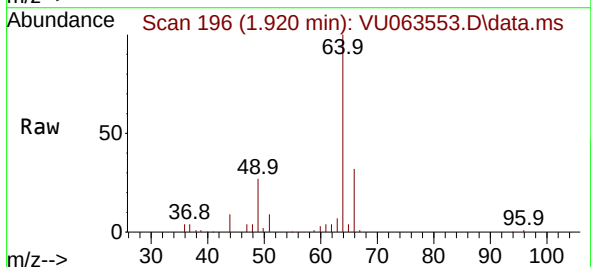
Tgt Ion: 94 Resp: 47044
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6

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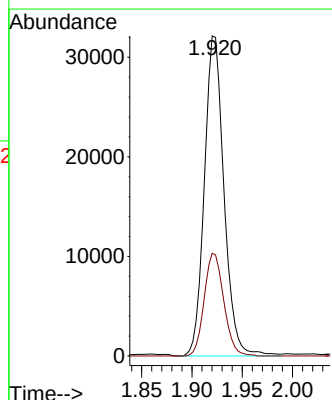
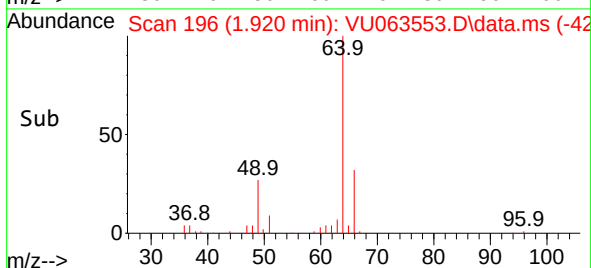
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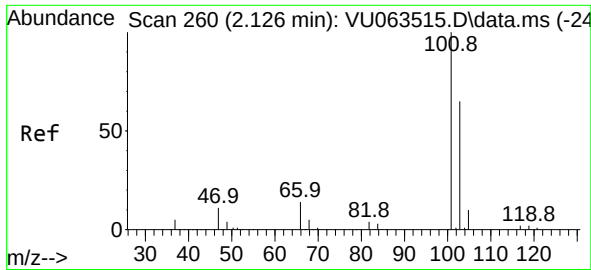


#6
Chloroethane
Concen: 11.657 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



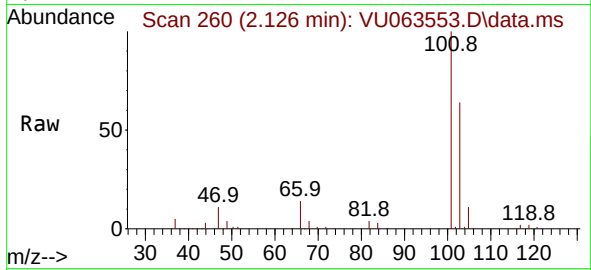
Tgt Ion: 64 Resp: 43769
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 11.668 ug/l
RT: 2.126 min Scan# 260
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

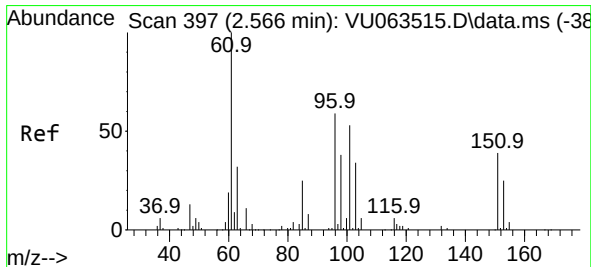
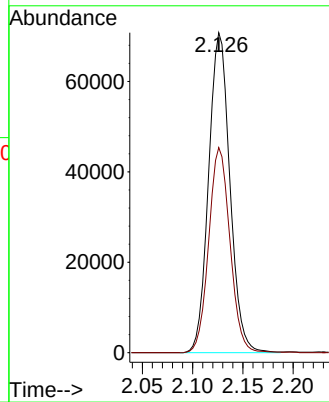
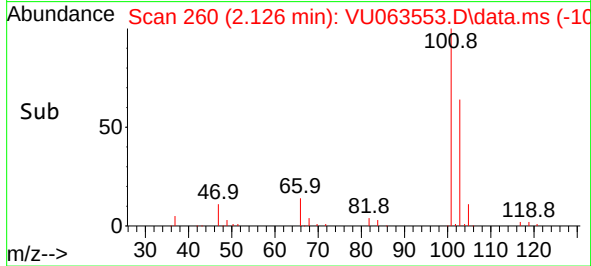
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MSVOA_U
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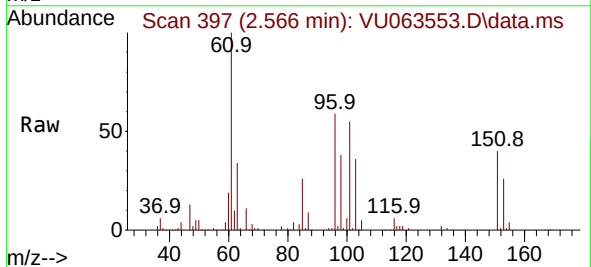
Tgt Ion:101 Resp: 104180
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.4

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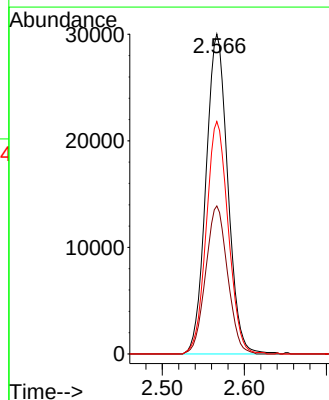
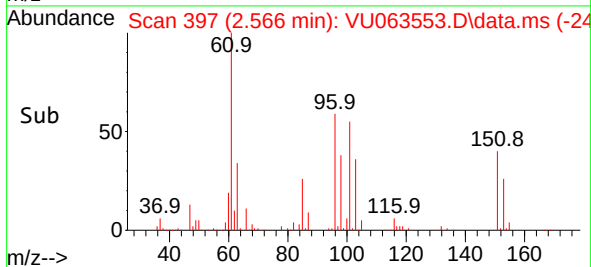
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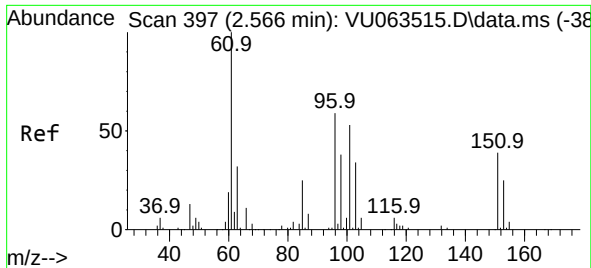


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.895 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



Tgt Ion:101 Resp: 55501
Ion Ratio Lower Upper
101 100
85 46.5 37.8 56.6
151 73.2 59.2 88.8





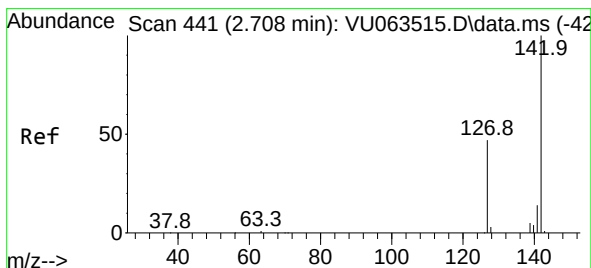
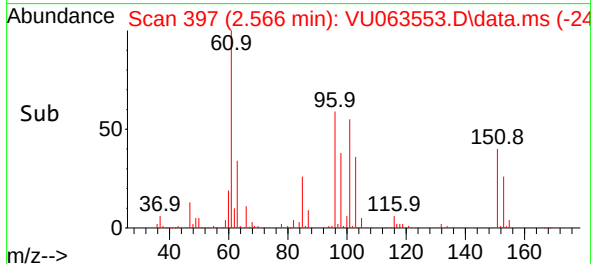
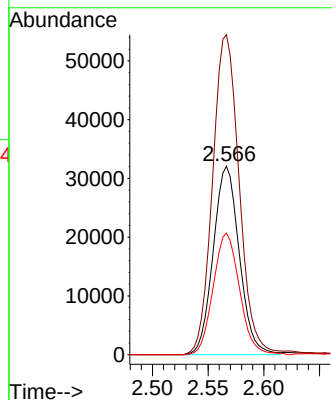
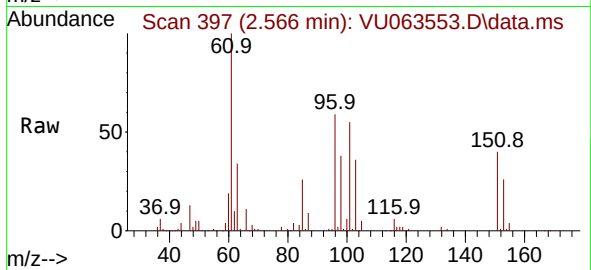
#9
1,1-Dichloroethene
Concen: 11.304 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 52280
Ion Ratio Lower Upper
96 100
61 169.7 0.0 504.3
98 64.5 0.0 126.8

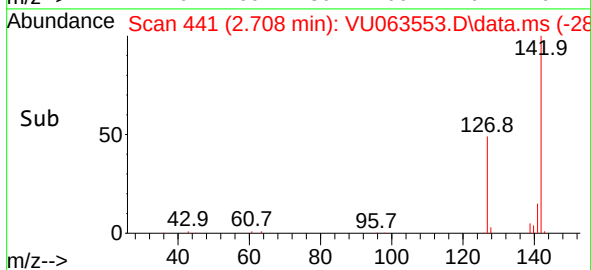
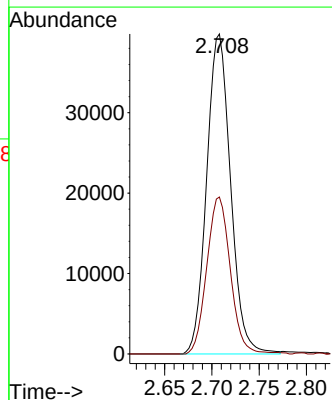
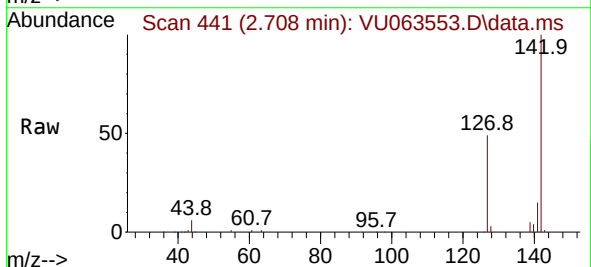
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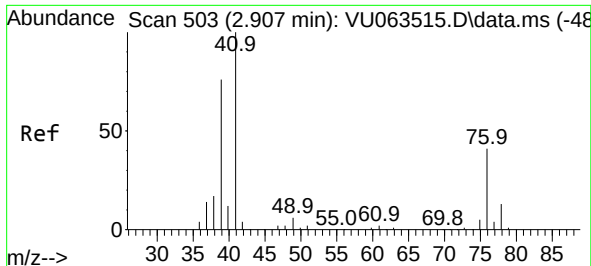
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#10
Iodomethane
Concen: 10.120 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

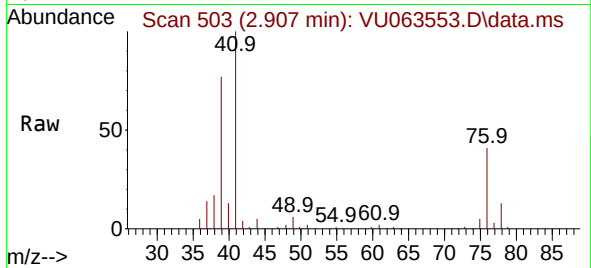
Tgt Ion:142 Resp: 70060
Ion Ratio Lower Upper
142 100
127 48.4 37.9 56.9





#11
 Allyl Chloride
 Concen: 10.743 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.000 min
 Lab File: VU063553.D
 Acq: 21 Jul 2025 19:14

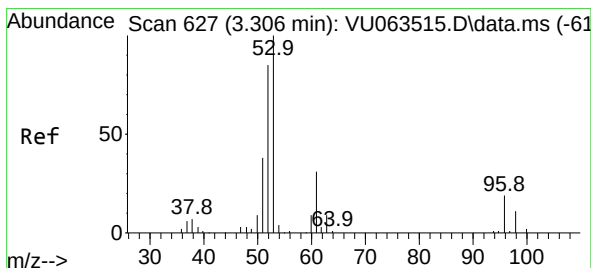
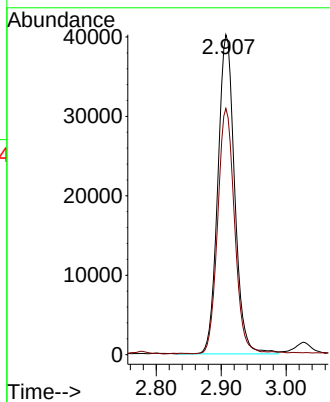
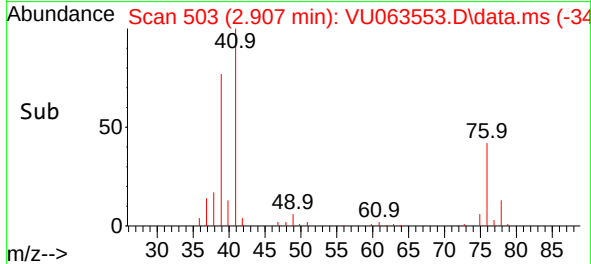
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



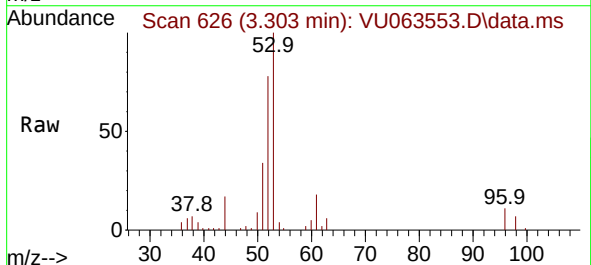
Tgt Ion: 41 Resp: 71779
 Ion Ratio Lower Upper
 41 100
 39 77.3 61.5 92.3

Manual Integrations
 APPROVED

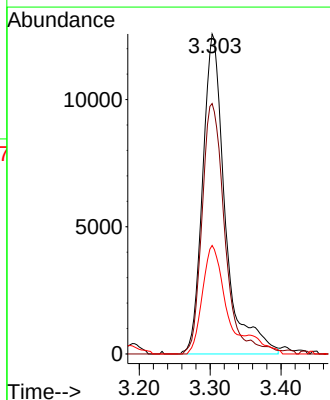
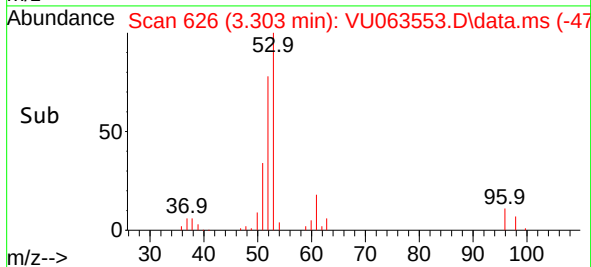
Reviewed By :Mahesh Dadoda 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025

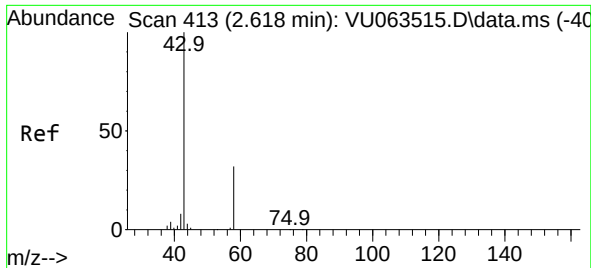


#12
 Acrylonitrile
 Concen: 24.099 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. -0.003 min
 Lab File: VU063553.D
 Acq: 21 Jul 2025 19:14



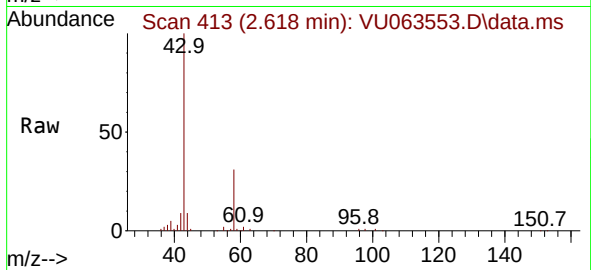
Tgt Ion: 53 Resp: 27877
 Ion Ratio Lower Upper
 53 100
 52 79.2 64.3 96.5
 51 33.7 27.8 41.8





#13
Acetone
Concen: 52.290 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

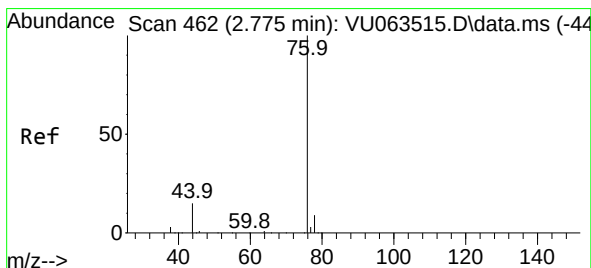
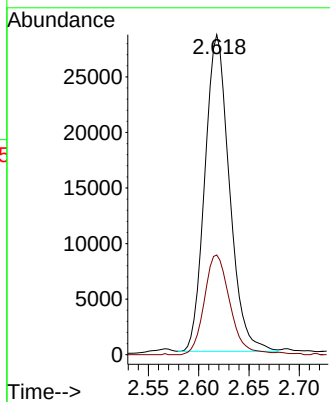
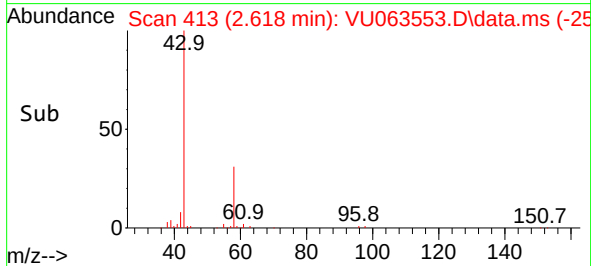
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



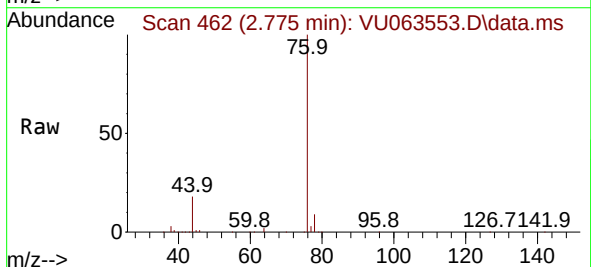
Tgt Ion: 43 Resp: 4846
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.0

Manual Integrations
APPROVED

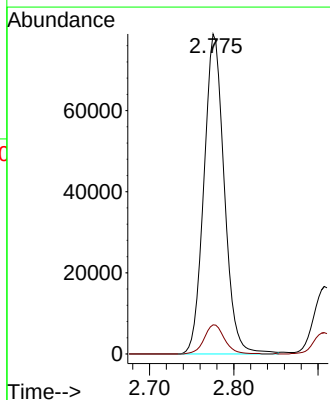
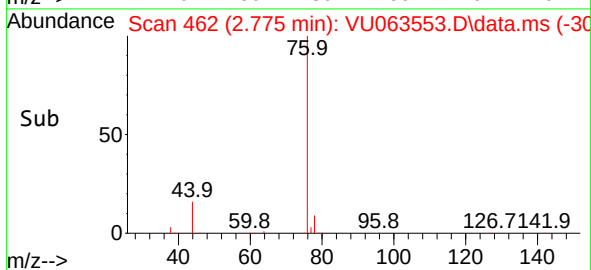
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

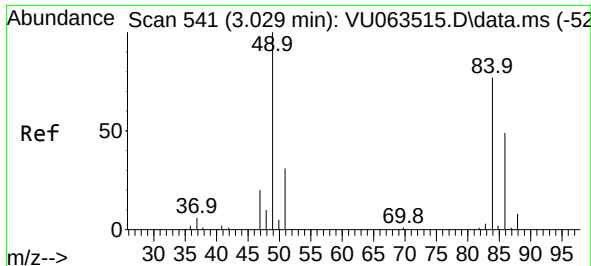


#14
Carbon Disulfide
Concen: 8.884 ug/l
RT: 2.775 min Scan# 462
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



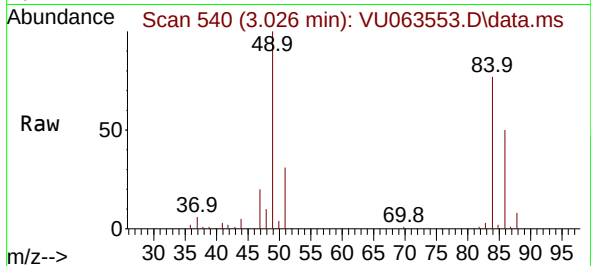
Tgt Ion: 76 Resp: 132710
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6





#15
Methylene Chloride
Concen: 11.809 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

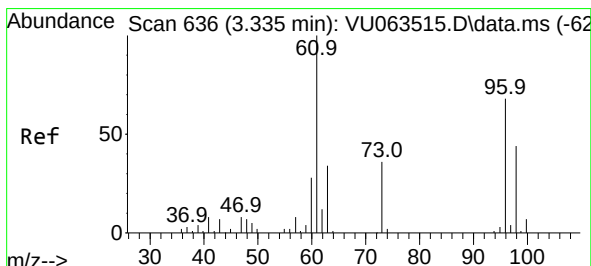
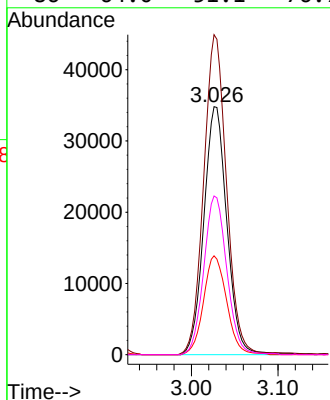
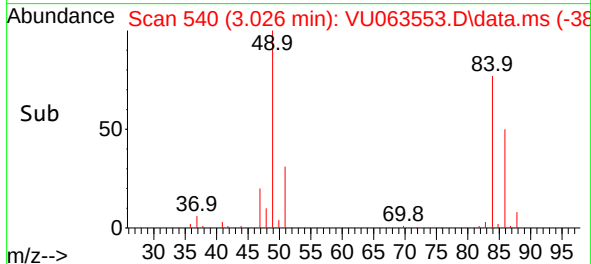
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 6430
Ion Ratio Lower Upper
84 100
49 129.1 103.8 155.8
51 39.9 0.0 80.4
86 64.0 51.1 76.7

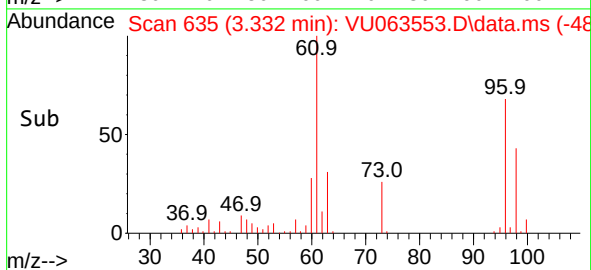
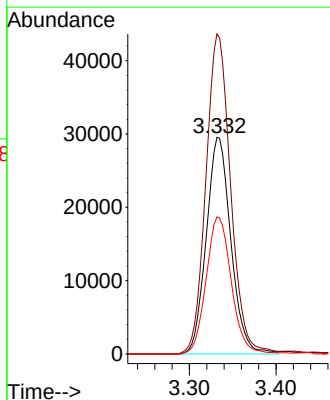
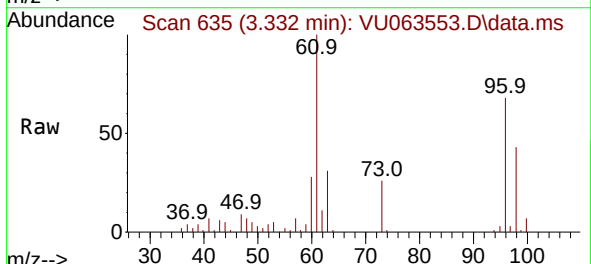
Manual Integrations
APPROVED

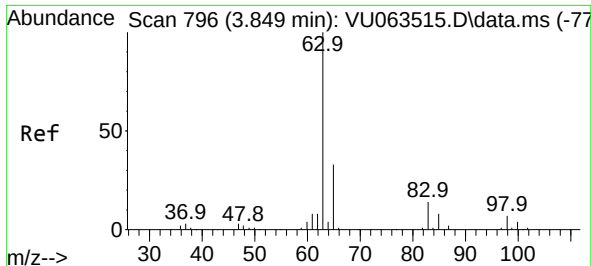
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#16
trans-1,2-Dichloroethene
Concen: 11.116 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 96 Resp: 58388
Ion Ratio Lower Upper
96 100
61 147.7 117.2 175.8
98 63.2 51.4 77.2





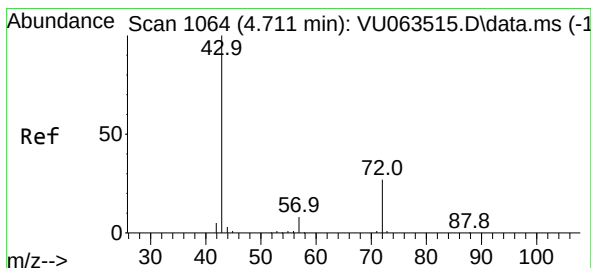
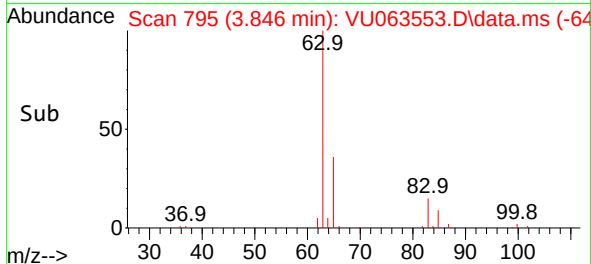
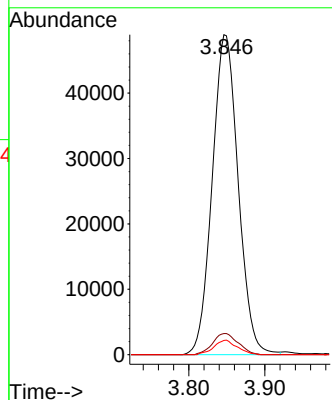
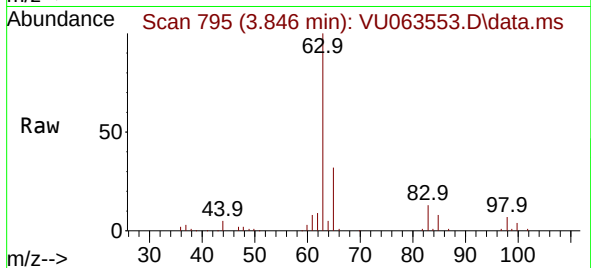
#17
1,1-Dichloroethane
Concen: 11.924 ug/l
RT: 3.846 min Scan# 796
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 11608
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.2
100 4.5 2.1 6.2

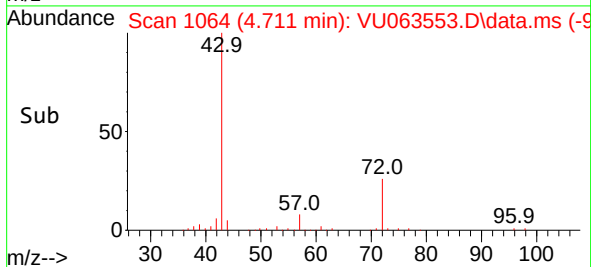
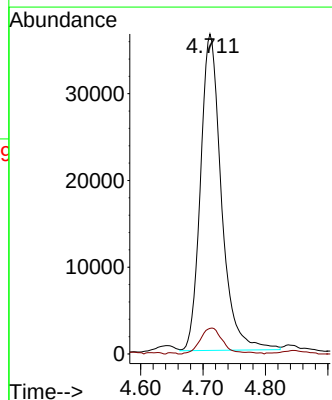
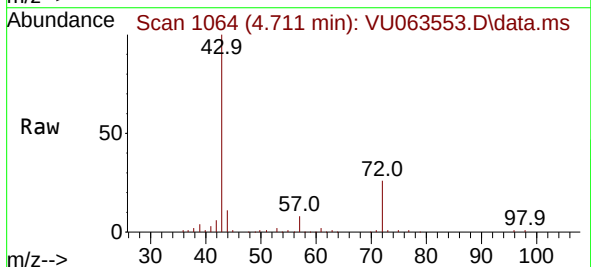
Manual Integrations
APPROVED

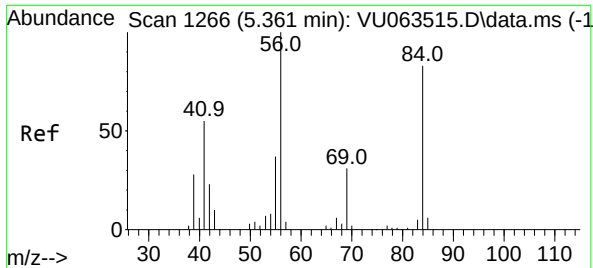
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#18
2-Butanone
Concen: 59.238 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

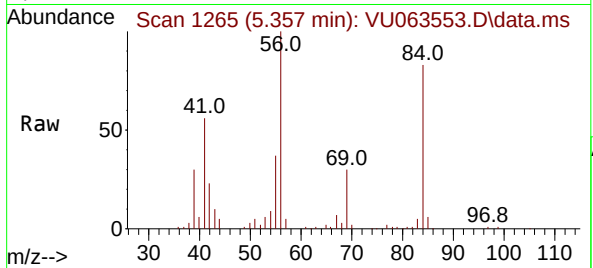
Tgt Ion: 43 Resp: 85019
Ion Ratio Lower Upper
43 100
57 8.1 0.0 16.4





#19
Cyclohexane
Concen: 11.438 ug/l
RT: 5.357 min Scan# 1265
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

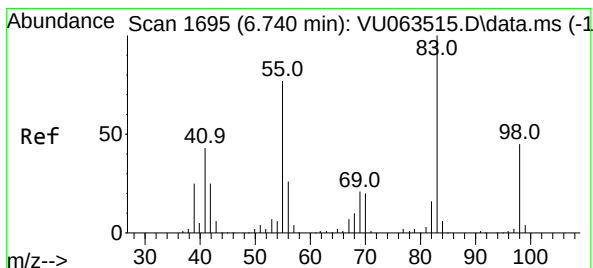
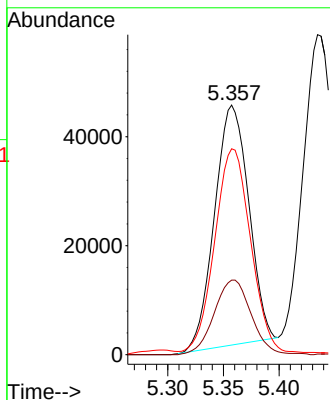
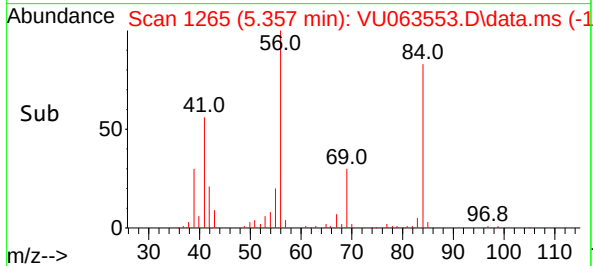
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 56 Resp: 9428
Ion Ratio Lower Upper
56 100
69 32.7 26.6 39.8
84 88.3 71.0 106.4

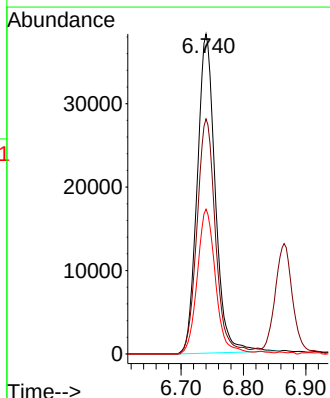
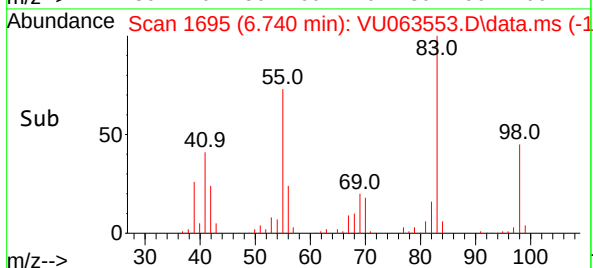
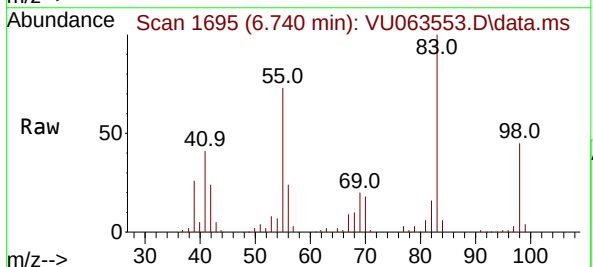
Manual Integrations
APPROVED

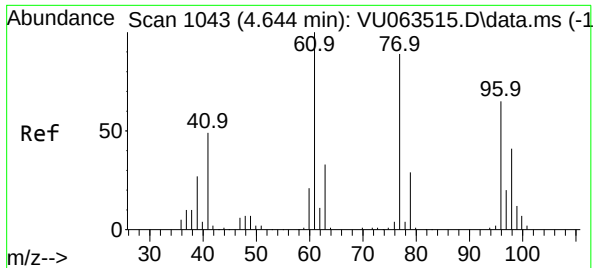
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#20
Methylcyclohexane
Concen: 9.611 ug/l
RT: 6.740 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 83 Resp: 77004
Ion Ratio Lower Upper
83 100
55 73.2 60.6 90.8
98 44.9 35.8 53.8





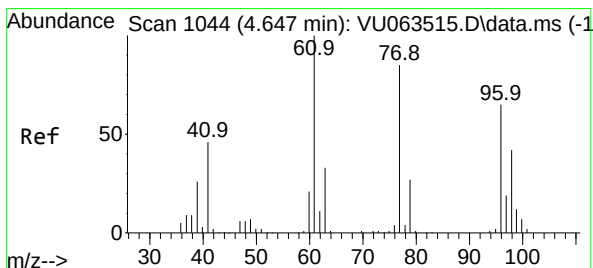
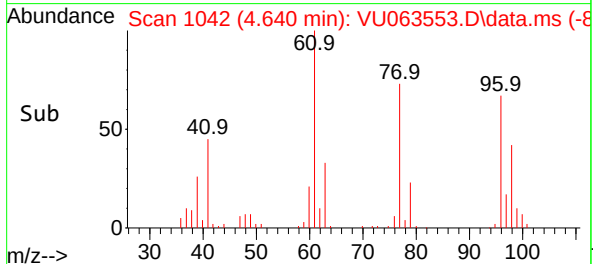
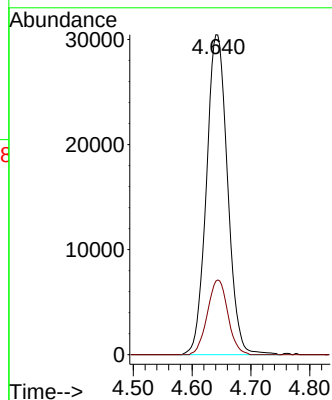
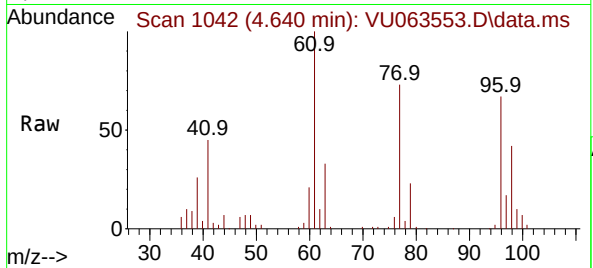
#21
2,2-Dichloropropane
Concen: 9.154 ug/l
RT: 4.640 min Scan# 1042
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 7589
Ion Ratio Lower Upper
77 100
97 22.7 17.8 26.8

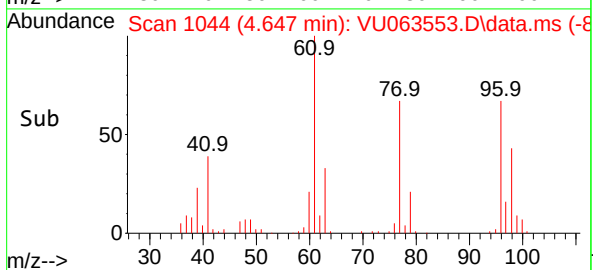
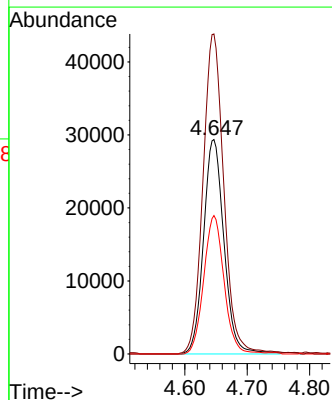
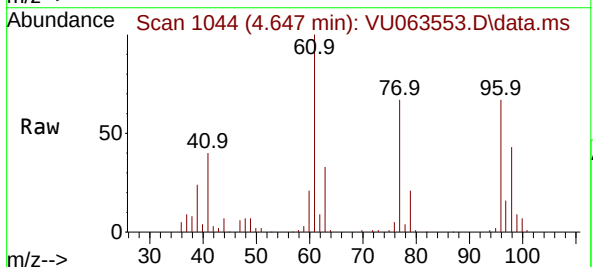
Manual Integrations
APPROVED

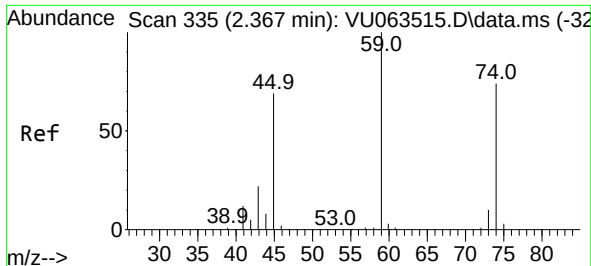
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#22
cis-1,2-Dichloroethene
Concen: 11.758 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 96 Resp: 67015
Ion Ratio Lower Upper
96 100
61 152.1 0.0 384.7
98 64.0 32.1 96.3





#23

Diethyl Ether

Concen: 12.067 ug/l

RT: 2.367 min Scan# 335

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

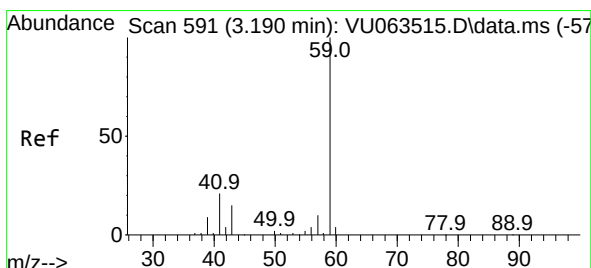
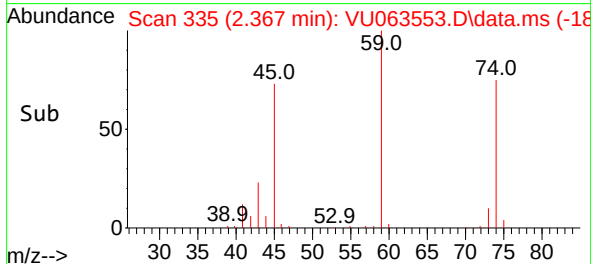
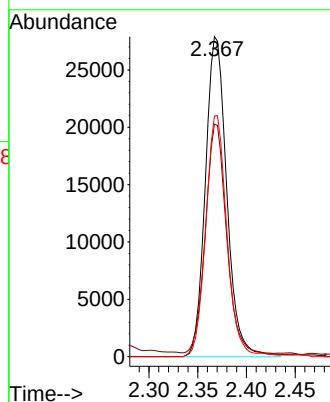
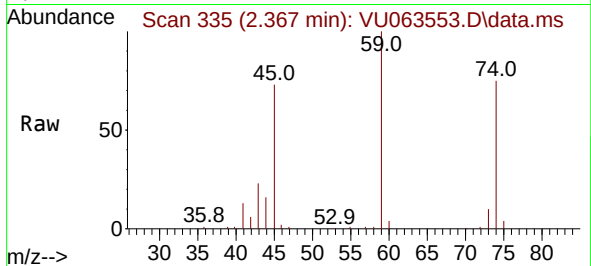
Tgt Ion: 59 Resp: 42528

Ion	Ratio	Lower	Upper
59	100		
45	70.2	55.1	82.7
74	74.5	58.2	87.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#24

tert-Butyl Alcohol

Concen: 123.135 ug/l

RT: 3.190 min Scan# 591

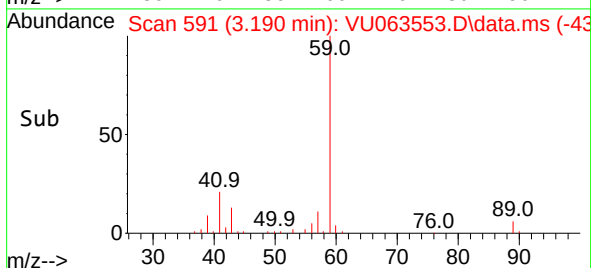
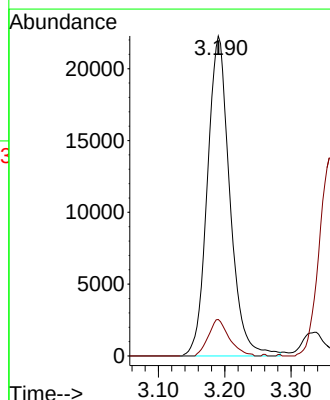
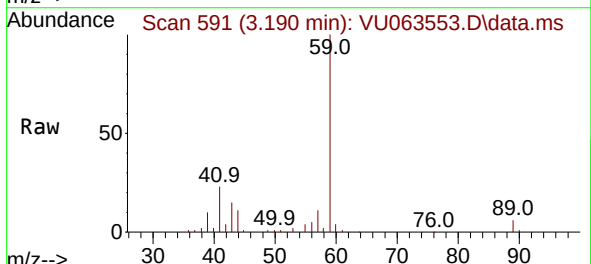
Delta R.T. -0.000 min

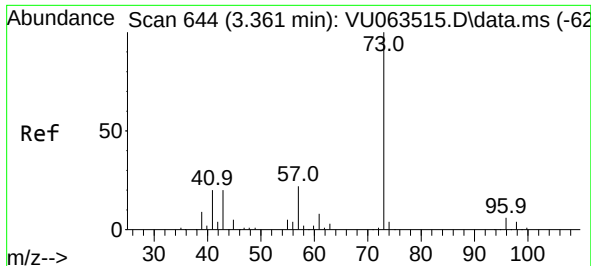
Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Tgt Ion: 59 Resp: 52384

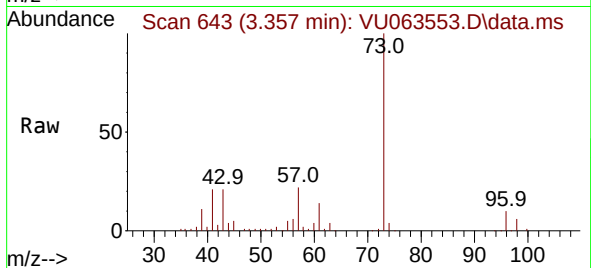
Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	12.8





#25
Methyl tert-Butyl Ether
Concen: 11.836 ug/l
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

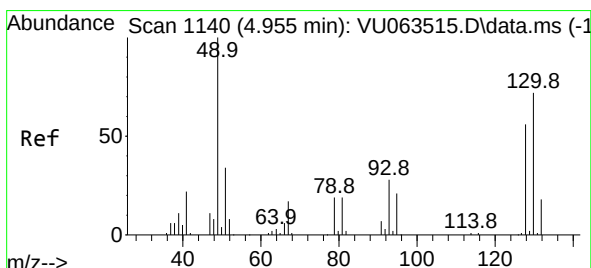
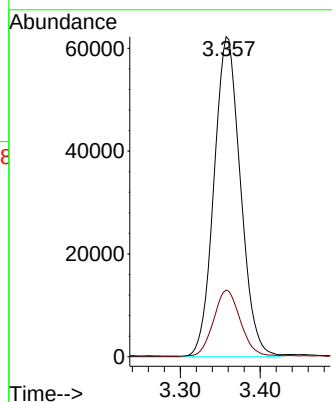
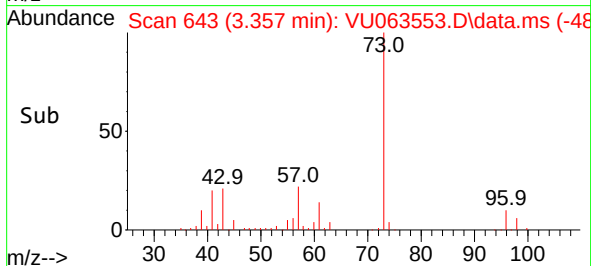
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 142909
Ion Ratio Lower Upper
73 100
43 20.9 16.2 24.2

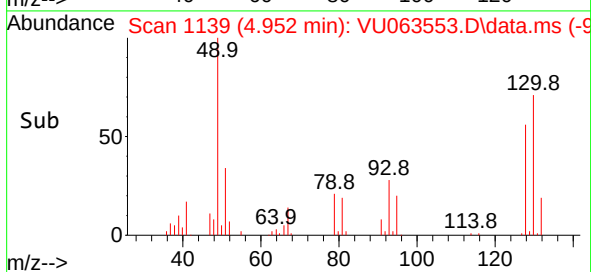
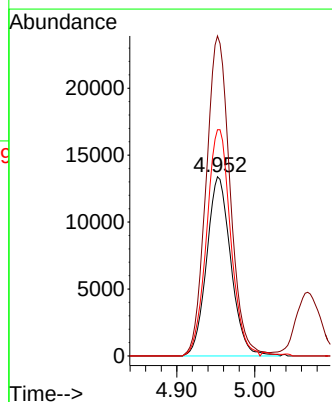
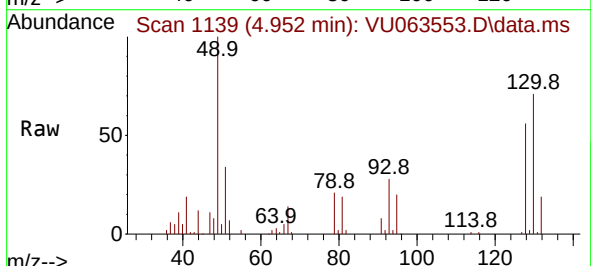
Manual Integrations
APPROVED

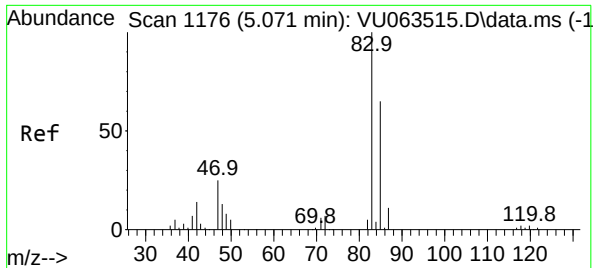
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#26
Bromochloromethane
Concen: 12.118 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion:128 Resp: 28839
Ion Ratio Lower Upper
128 100
49 176.7 0.0 340.8
130 125.7 100.5 150.7





#27

Chloroform

Concen: 12.061 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 119810

Ion Ratio Lower Upper

83 100

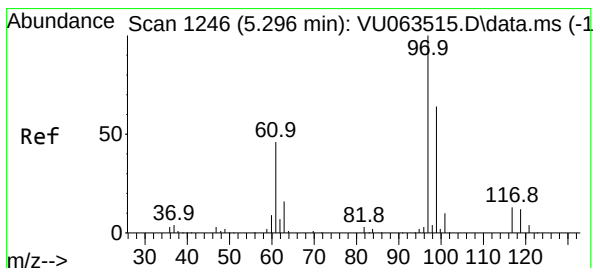
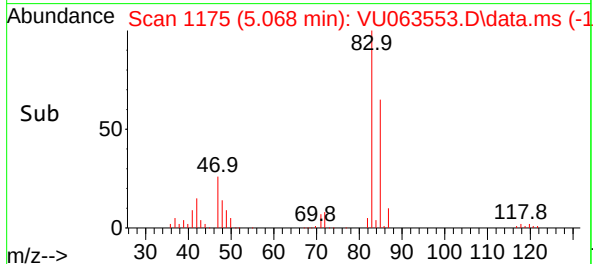
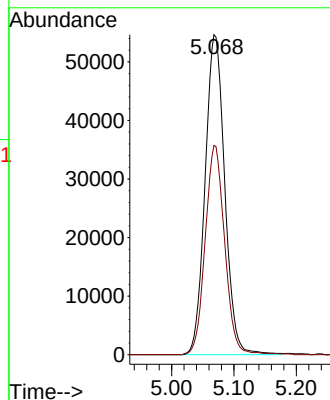
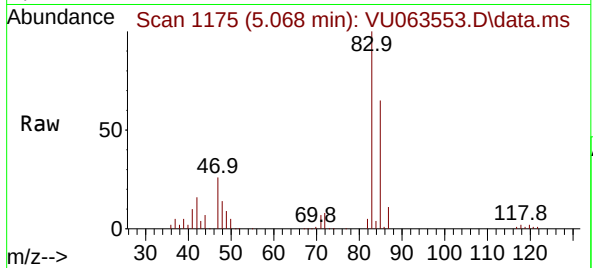
85 65.4 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#28

1,1,1-Trichloroethane

Concen: 11.535 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

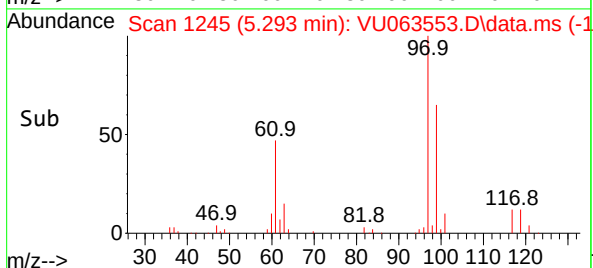
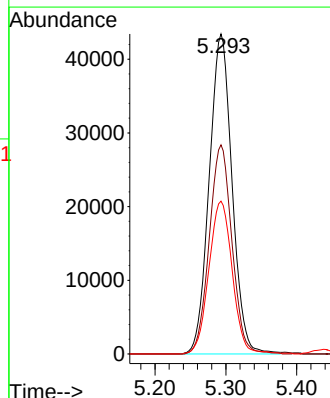
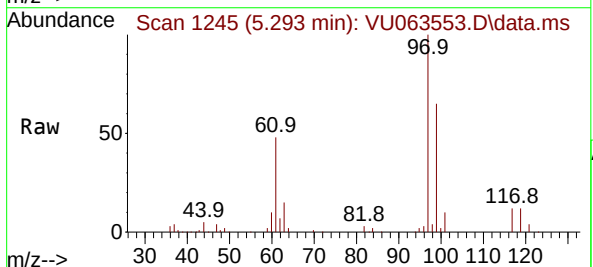
Tgt Ion: 97 Resp: 97254

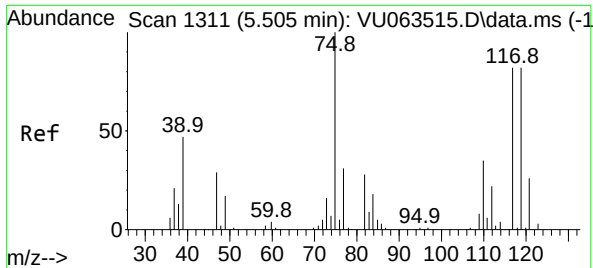
Ion Ratio Lower Upper

97 100

99 64.8 31.8 95.3

61 49.0 23.3 69.9





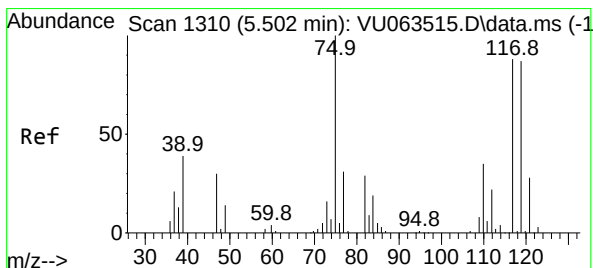
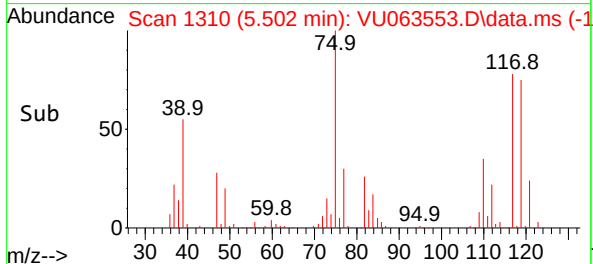
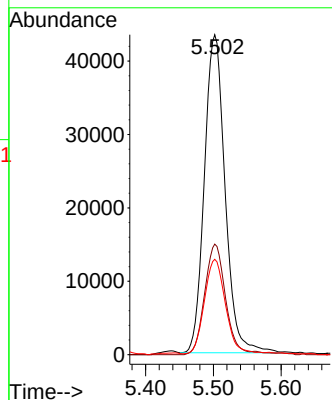
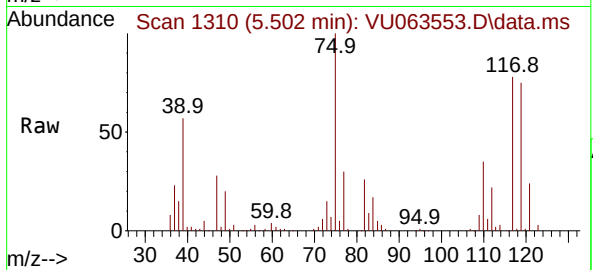
#29
1,1-Dichloropropene
Concen: 11.799 ug/l
RT: 5.502 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 92158
Ion Ratio Lower Upper
75 100
110 34.6 17.8 53.4
77 30.1 24.6 37.0

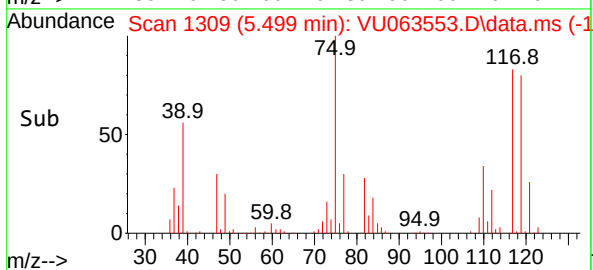
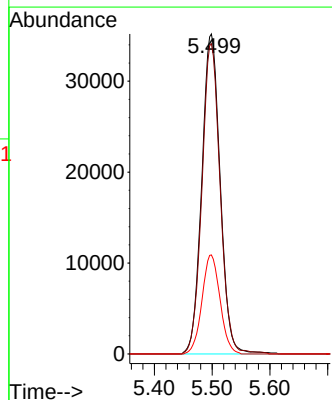
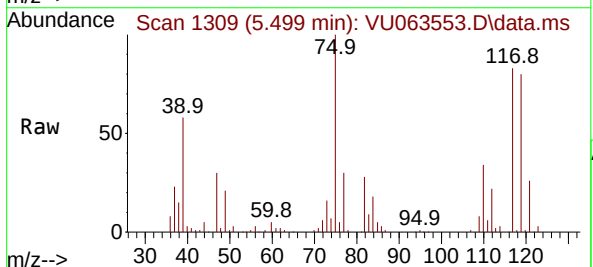
Manual Integrations
APPROVED

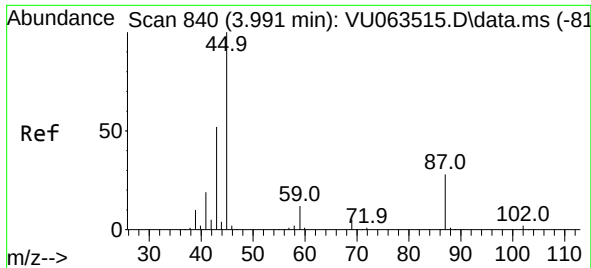
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#30
Carbon Tetrachloride
Concen: 11.499 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

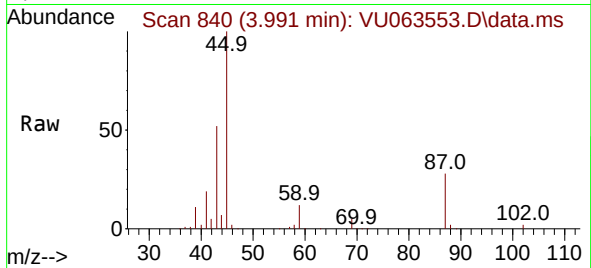
Tgt Ion:117 Resp: 78036
Ion Ratio Lower Upper
117 100
119 97.0 79.2 118.8
121 30.9 25.5 38.3





#31
Isopropyl Ether
Concen: 11.926 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

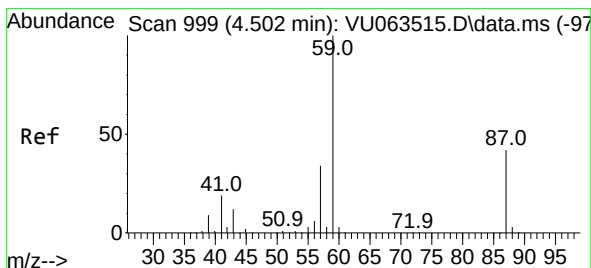
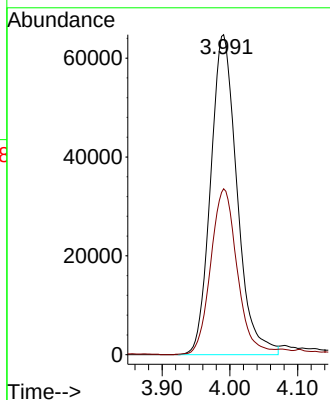
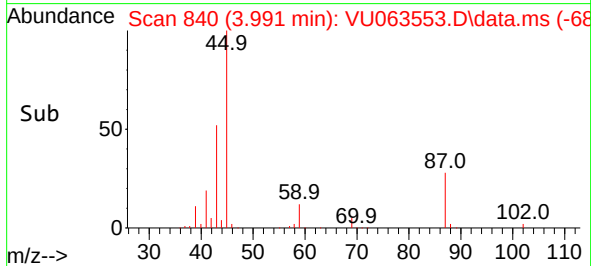
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



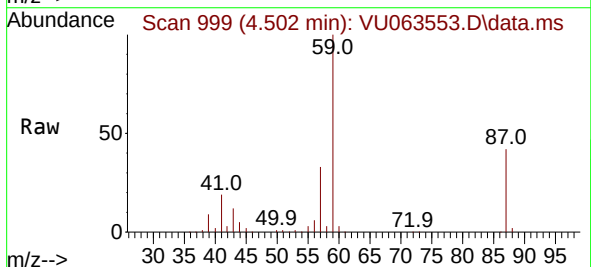
Tgt Ion: 45 Resp: 17525
Ion Ratio Lower Upper
45 100
43 52.2 25.7 77.0

Manual Integrations
APPROVED

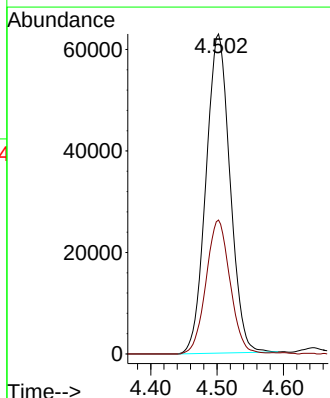
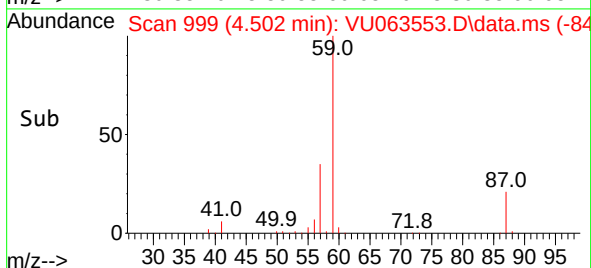
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

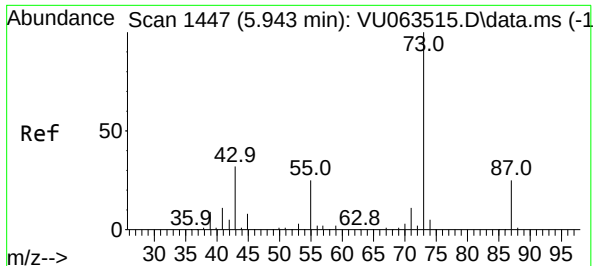


#32
Ethyl-t-butyl ether
Concen: 11.632 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



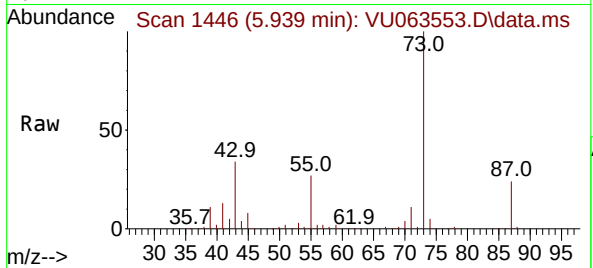
Tgt Ion: 59 Resp: 158193
Ion Ratio Lower Upper
59 100
87 41.5 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 11.932 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

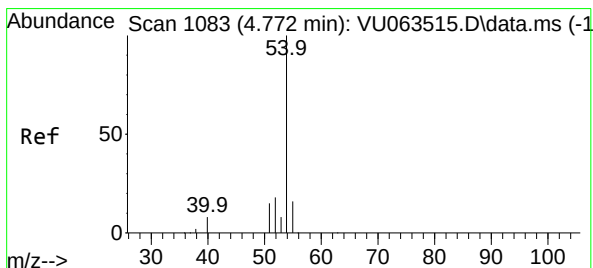
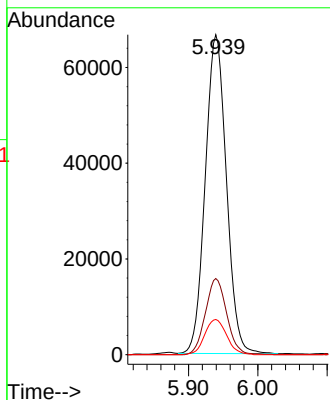
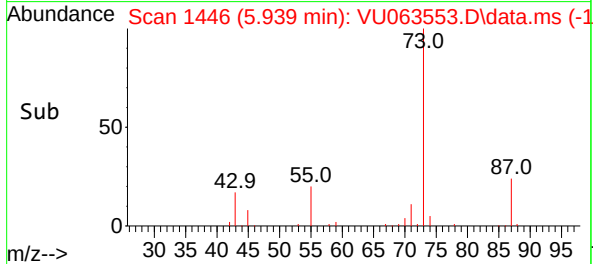
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 14083
Ion Ratio Lower Upper
73 100
87 24.1 19.4 29.2
71 11.5 8.9 13.3

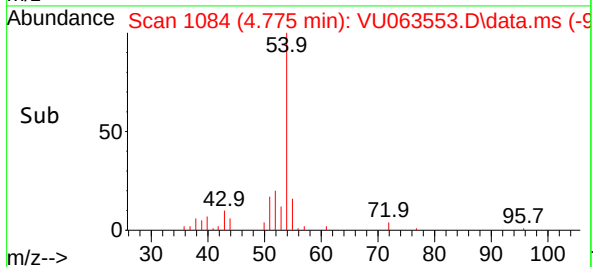
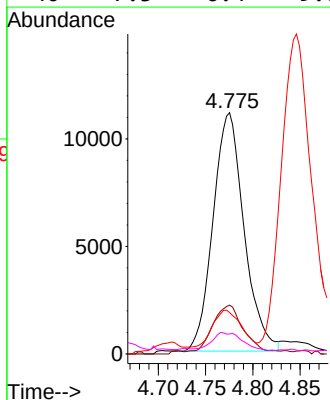
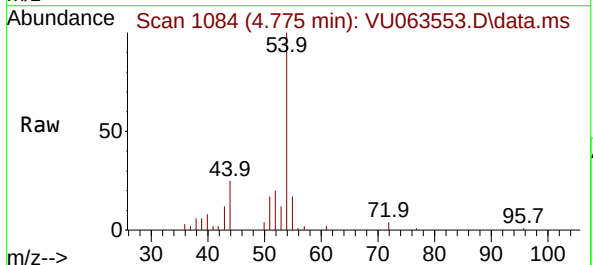
Manual Integrations
APPROVED

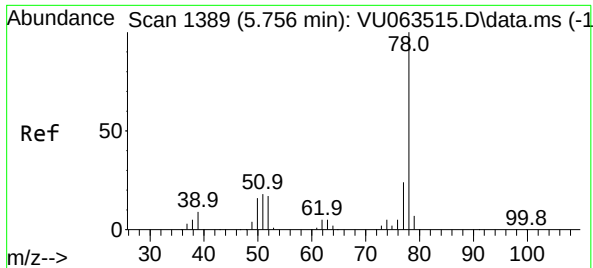
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#34
Propionitrile
Concen: 57.848 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 54 Resp: 25296
Ion Ratio Lower Upper
54 100
52 19.2 17.0 25.4
55 17.1 13.6 20.4
40 7.3 6.4 9.6





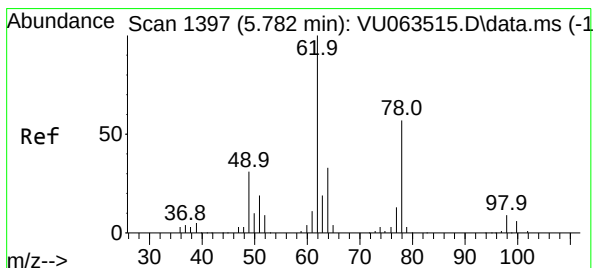
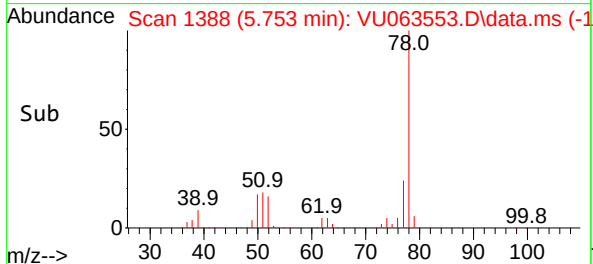
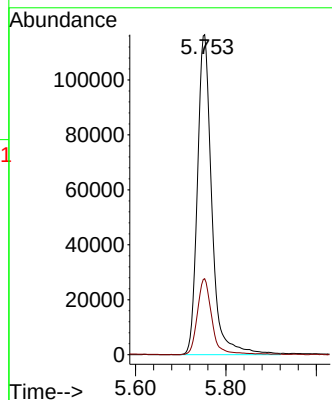
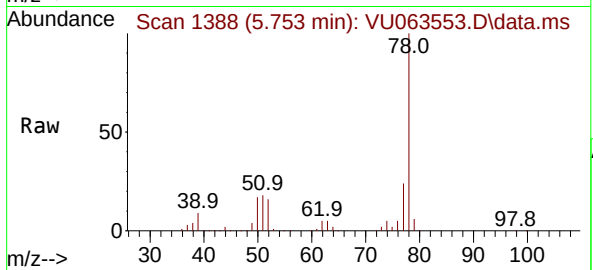
#35
Benzene
Concen: 12.261 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 257299
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2

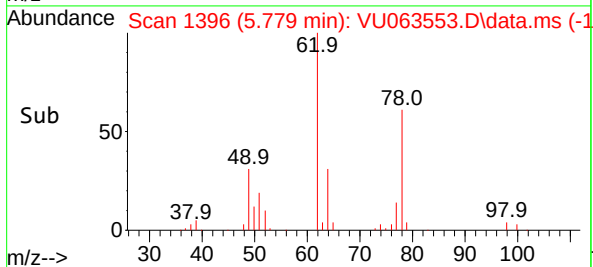
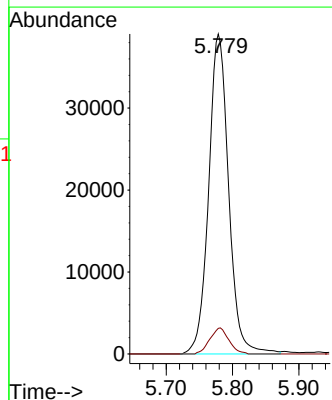
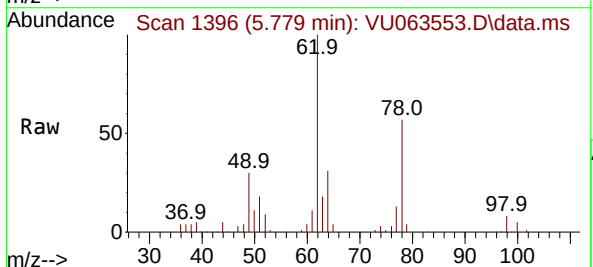
Manual Integrations
APPROVED

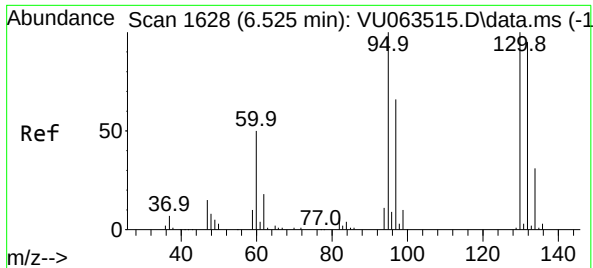
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#36
1,2-Dichloroethane
Concen: 12.532 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 62 Resp: 81720
Ion Ratio Lower Upper
62 100
98 7.7 6.4 9.6





#37
Trichloroethene
Concen: 9.178 ug/l
RT: 6.524 min Scan# 1628
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

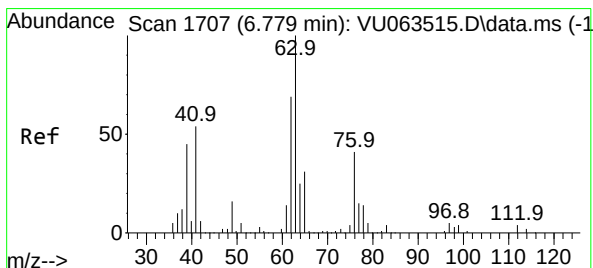
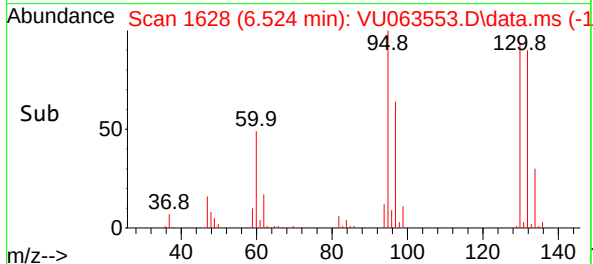
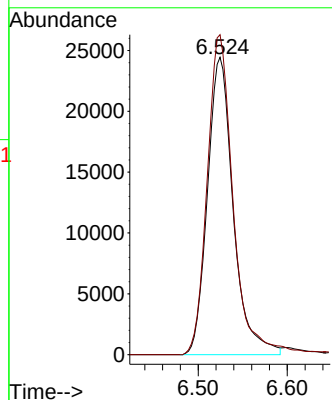
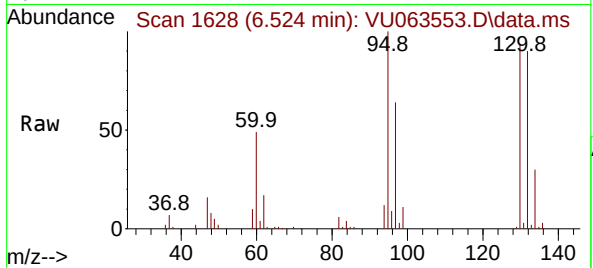
VSTDCCC010EC

Tgt Ion:130 Resp: 4914
Ion Ratio Lower Upper
130 100
95 107.6 80.3 120.5

Manual Integrations

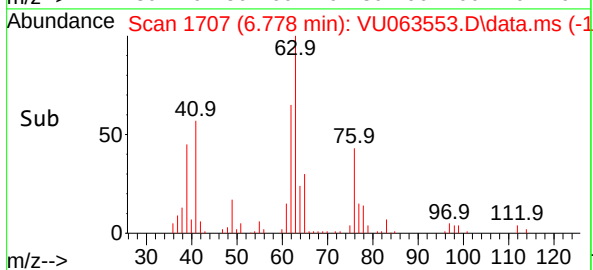
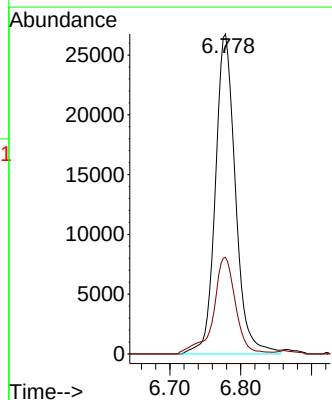
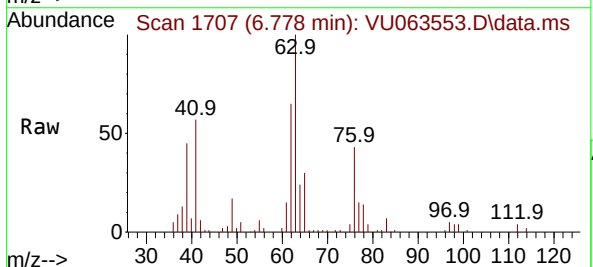
APPROVED

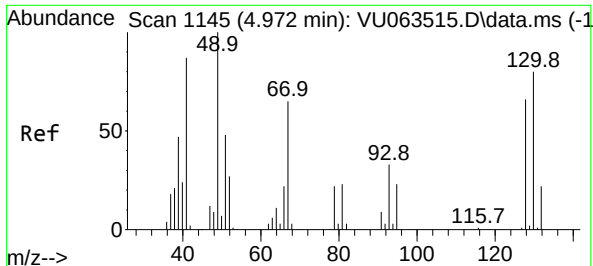
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#38
1,2-Dichloropropane
Concen: 10.744 ug/l
RT: 6.778 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 63 Resp: 52770
Ion Ratio Lower Upper
63 100
65 29.6 24.6 36.8





#39

Methacrylonitrile

Concen: 11.363 ug/l

RT: 4.971 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 2208

Ion Ratio Lower Upper

41 100

67 74.8 62.7 94.1

39 58.6 43.1 64.7

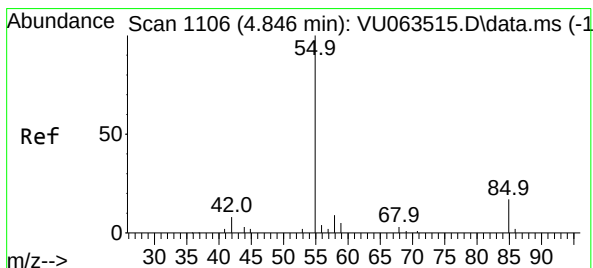
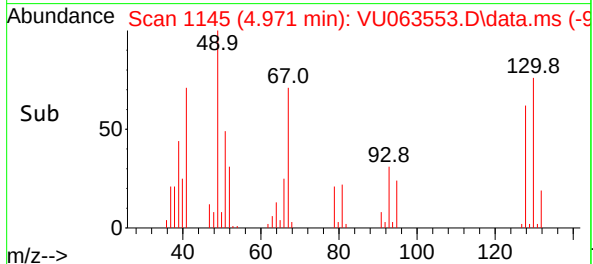
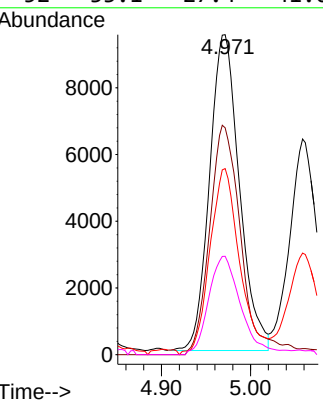
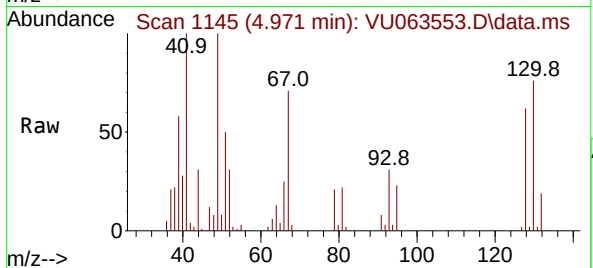
52 33.1 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#40

Methyl acrylate

Concen: 12.230 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Tgt Ion: 55 Resp: 34748

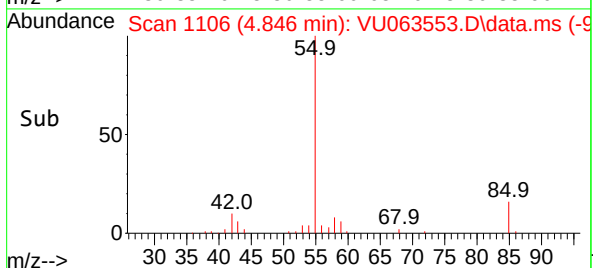
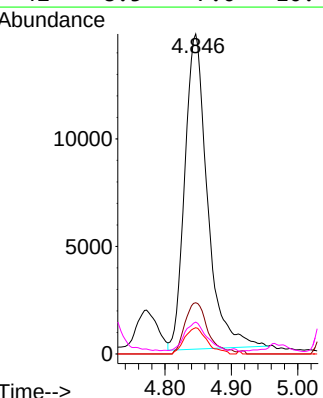
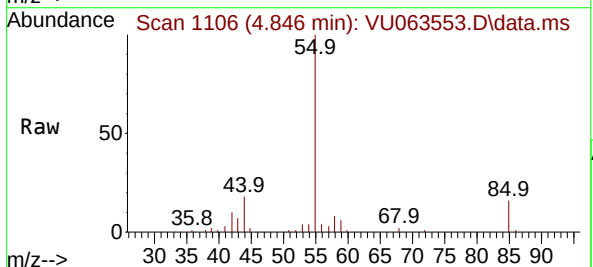
Ion Ratio Lower Upper

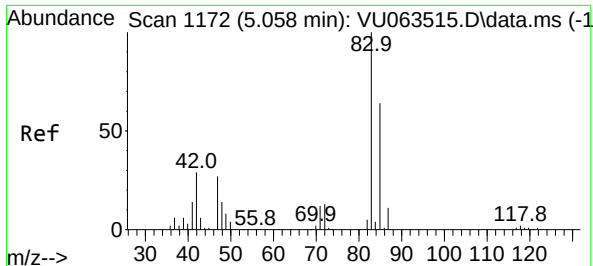
55 100

85 16.4 12.8 19.2

58 8.3 7.0 10.4

42 8.5 7.0 10.4





#41
Tetrahydrofuran
Concen: 21.897 ug/l
RT: 5.058 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

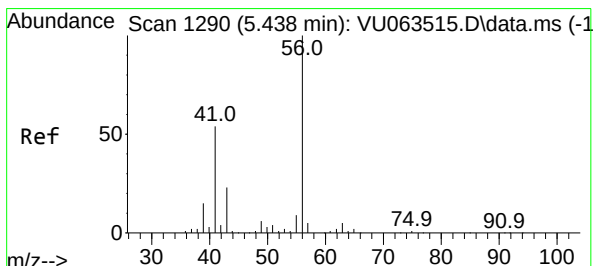
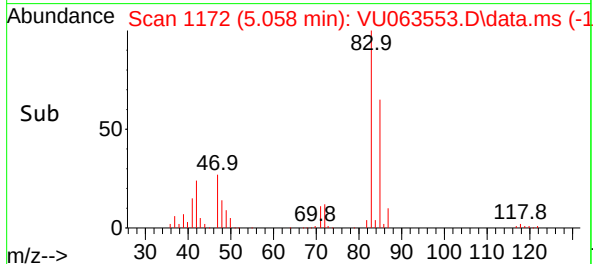
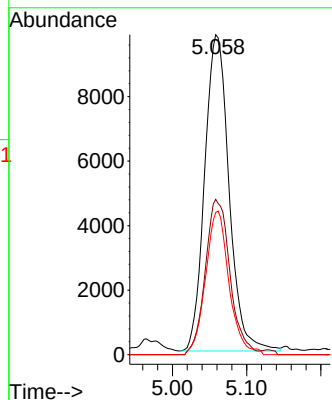
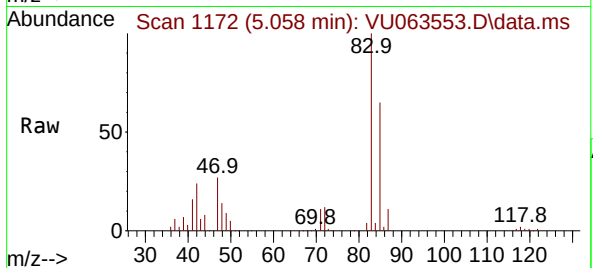
VSTDCCC010EC

Tgt Ion: 42 Resp: 22390
Ion Ratio Lower Upper
42 100
72 49.7 39.2 58.8
71 43.7 34.8 52.2

Manual Integrations

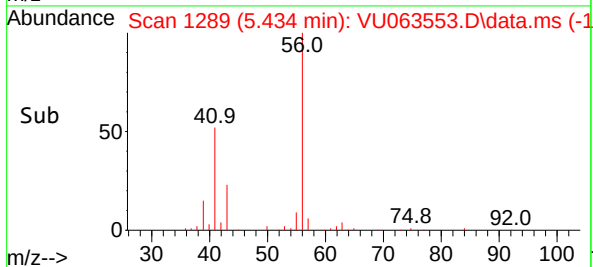
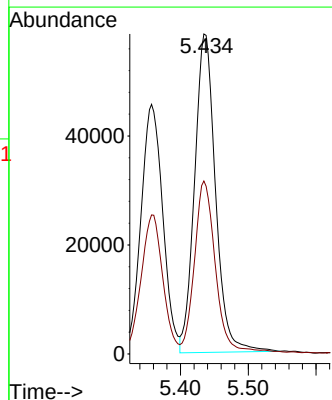
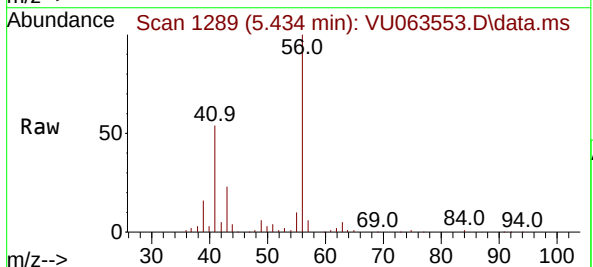
APPROVED

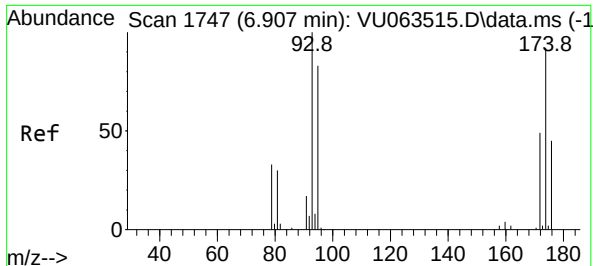
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#42
1-Chlorobutane
Concen: 12.063 ug/l
RT: 5.434 min Scan# 1289
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

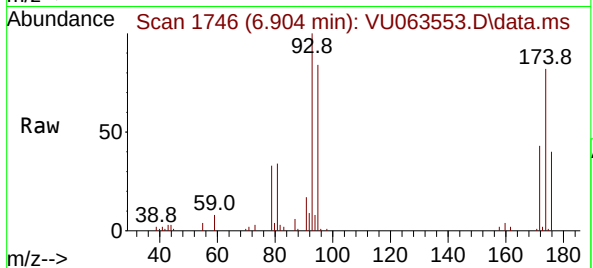
Tgt Ion: 56 Resp: 125268
Ion Ratio Lower Upper
56 100
41 51.7 26.7 80.0





#43
Dibromomethane
Concen: 10.735 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

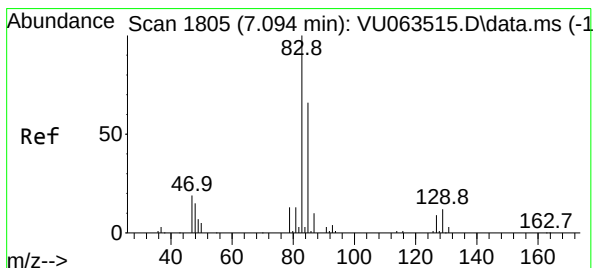
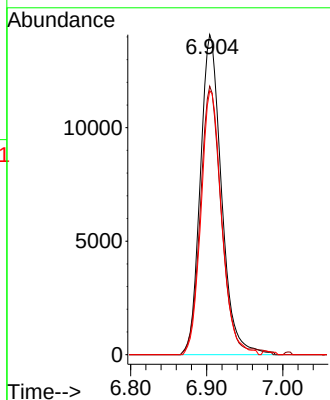
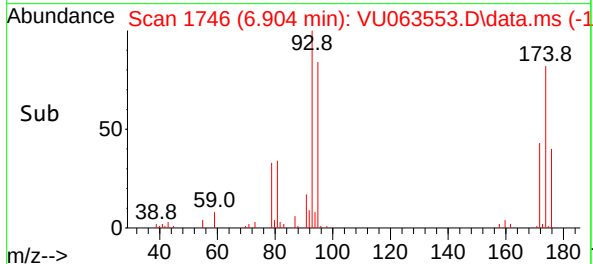
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



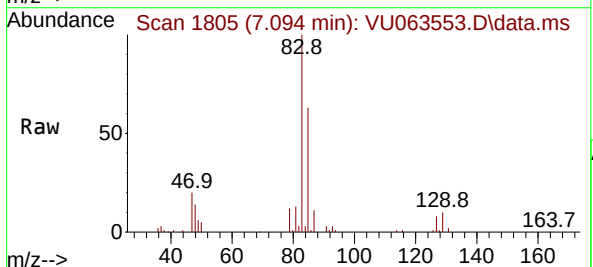
Tgt Ion: 93 Resp: 2731
Ion Ratio Lower Upper
93 100
95 83.7 67.9 101.9
174 80.7 74.6 111.8

Manual Integrations
APPROVED

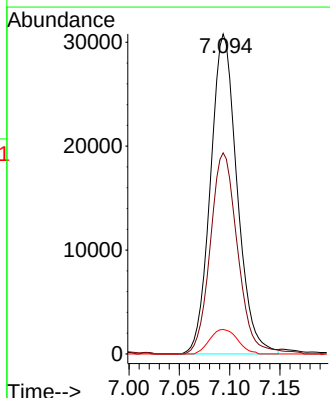
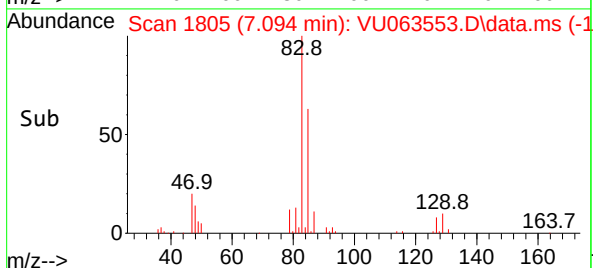
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

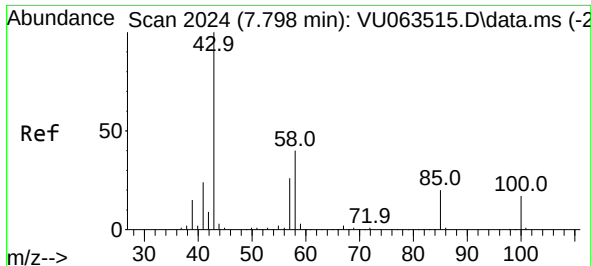


#44
Bromodichloromethane
Concen: 9.900 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



Tgt Ion: 83 Resp: 56807
Ion Ratio Lower Upper
83 100
85 62.8 52.7 79.1
127 8.6 8.1 12.1





#45

4-Methyl-2-Pentanone

Concen: 58.906 ug/l

RT: 7.795 min Scan# 2024

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 15447

Ion Ratio Lower Upper

43 100

58 39.1 20.0 60.0

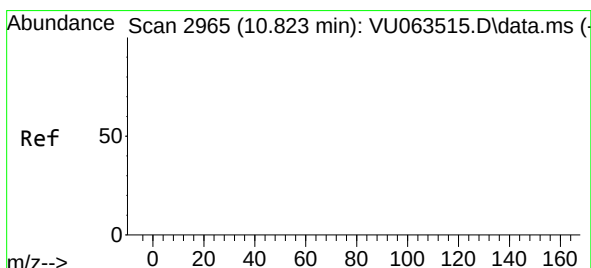
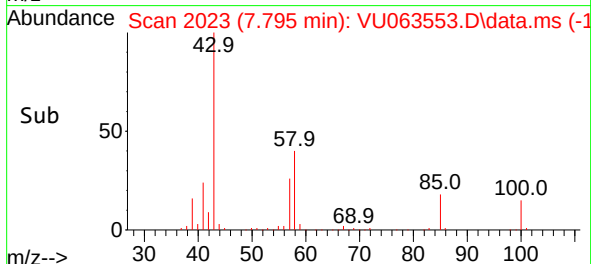
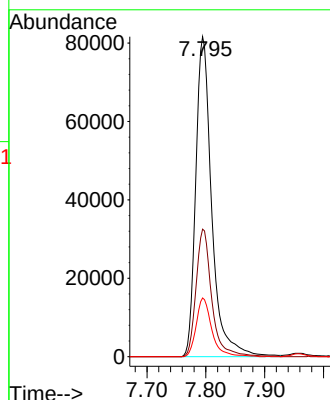
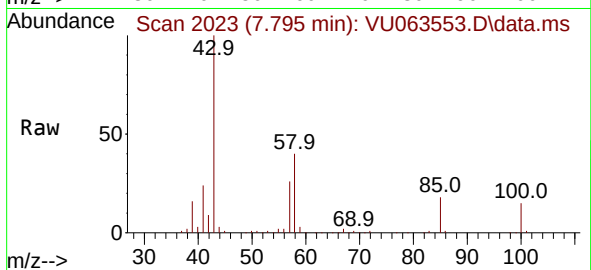
85 17.9 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#46

t-1,4-Dichloro-2-butene

Concen: 23.355 ug/l m

RT: 10.817 min Scan# 2963

Delta R.T. -0.006 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Tgt Ion: 75 Resp: 22991

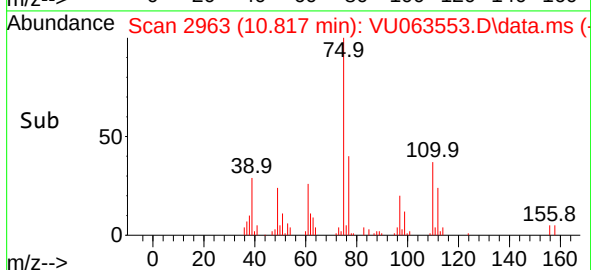
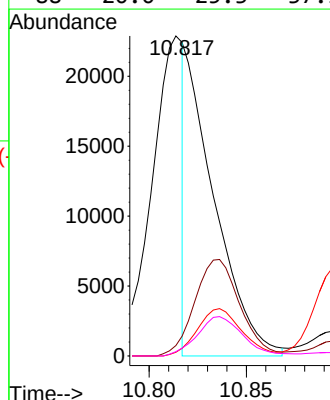
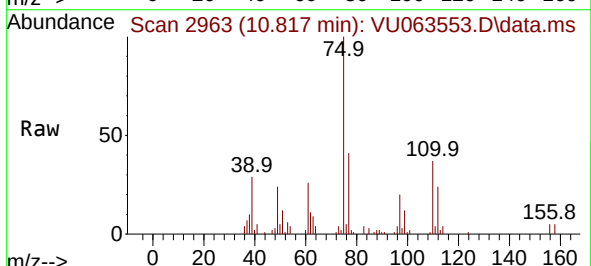
Ion Ratio Lower Upper

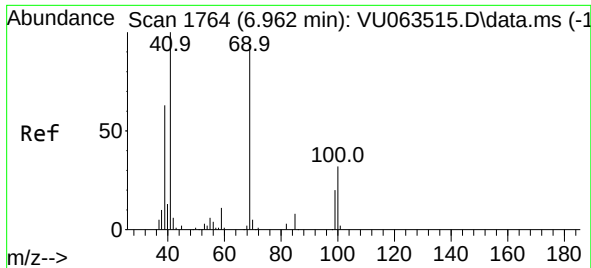
75 100

53 48.5 48.4 72.6

89 23.4 30.6 45.8#

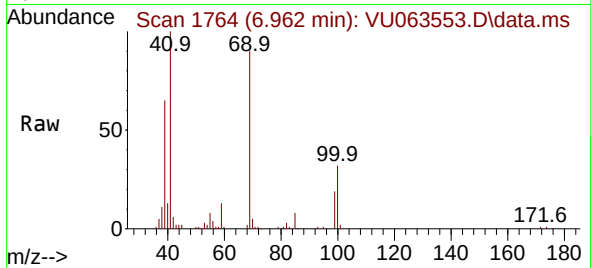
88 20.0 25.3 37.9#





#47
Methyl methacrylate
Concen: 22.346 ug/l
RT: 6.962 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

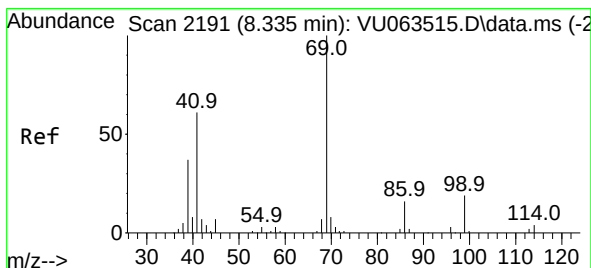
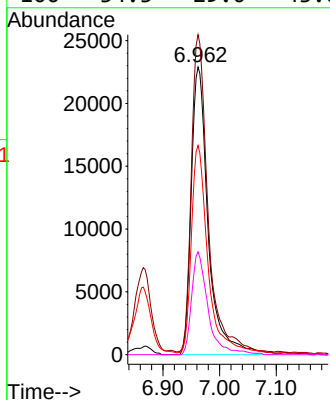
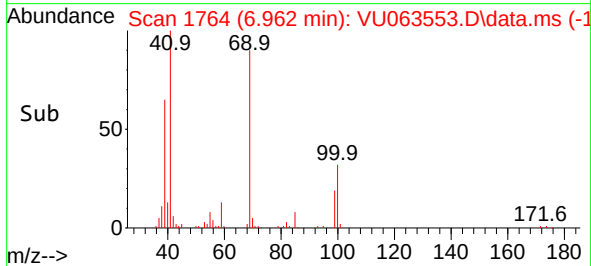
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 4775
Ion Ratio Lower Upper
69 100
41 107.2 0.0 224.0
39 70.8 55.3 82.9
100 34.3 29.0 43.6

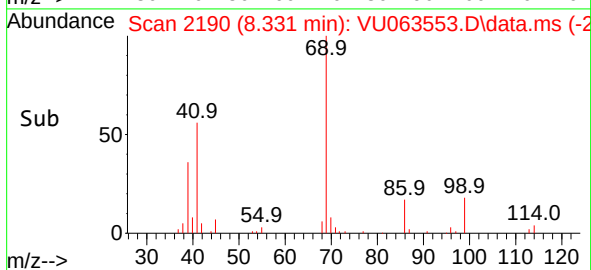
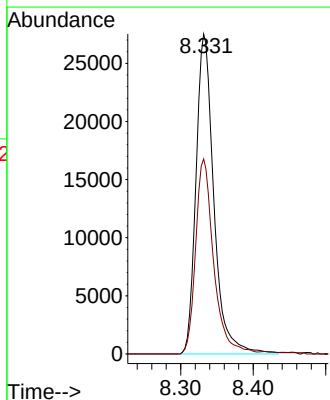
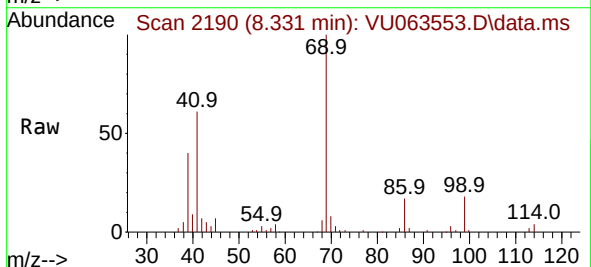
Manual Integrations
APPROVED

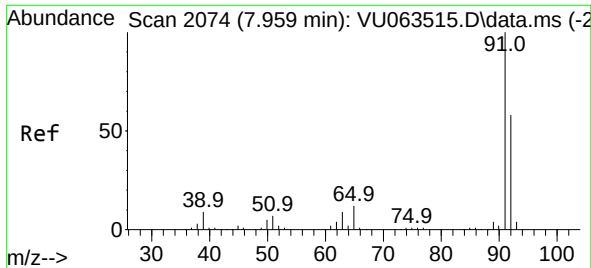
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#48
Ethyl methacrylate
Concen: 11.533 ug/l
RT: 8.331 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 69 Resp: 47030
Ion Ratio Lower Upper
69 100
41 61.6 30.8 92.4





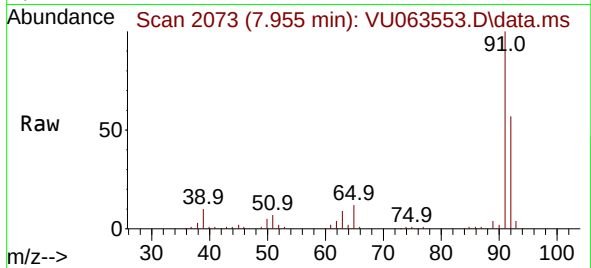
#49
Toluene
Concen: 11.146 ug/l
RT: 7.955 min Scan# 2073
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

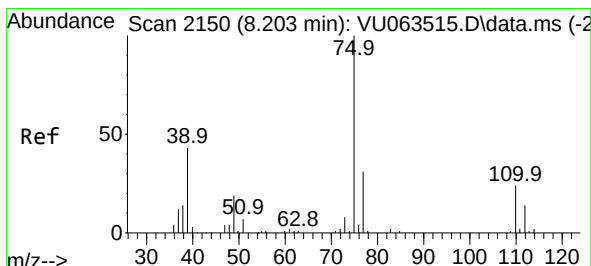
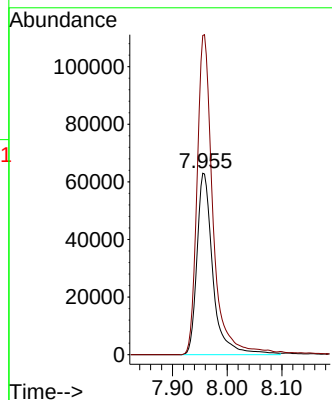
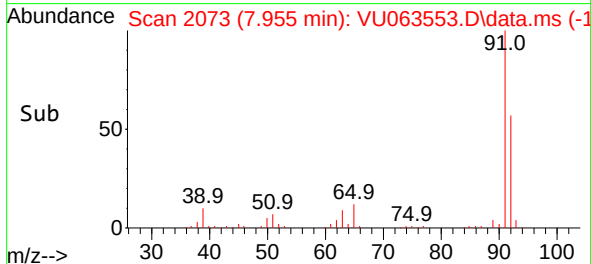


Tgt Ion: 92 Resp: 127714
Ion Ratio Lower Upper
92 100
91 173.2 140.4 210.6

Manual Integrations

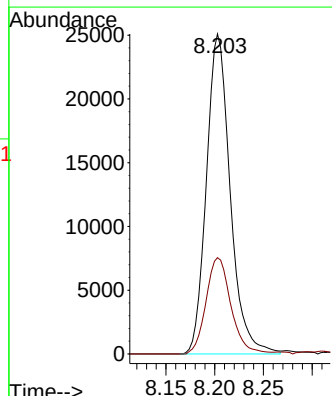
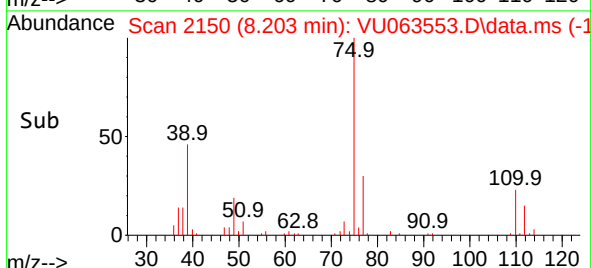
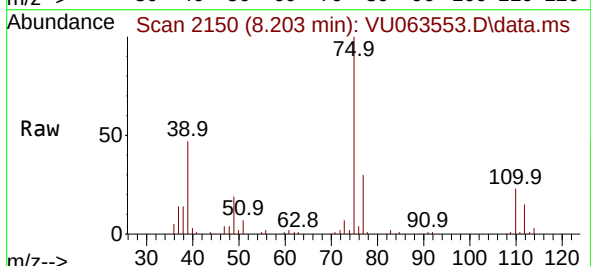
APPROVED

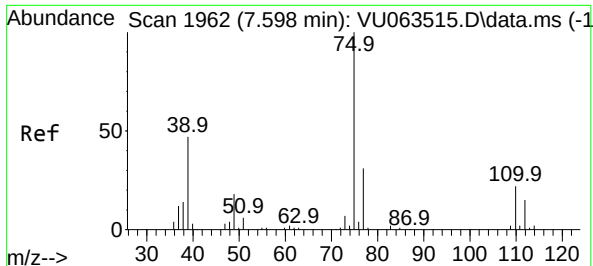
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#50
t-1,3-Dichloropropene
Concen: 9.476 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

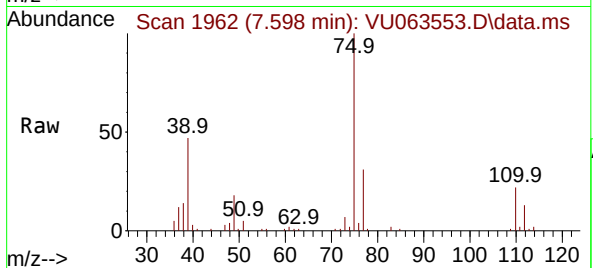
Tgt Ion: 75 Resp: 42661
Ion Ratio Lower Upper
75 100
77 30.1 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 9.744 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063553.D
 Acq: 21 Jul 2025 19:14

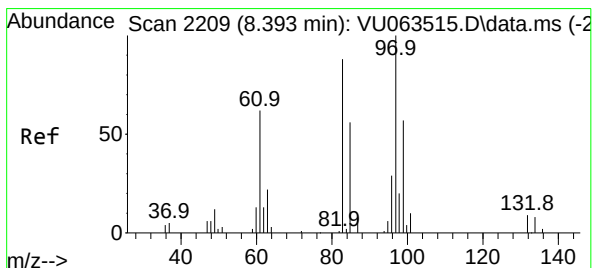
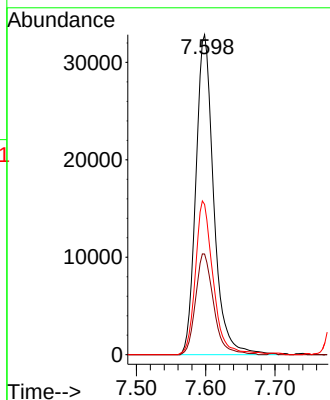
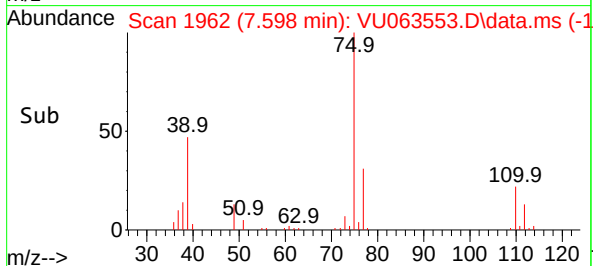
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 58878
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7
 39 47.0 37.8 56.6

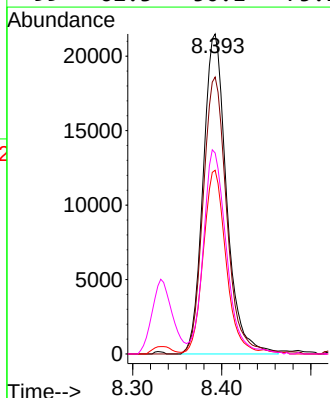
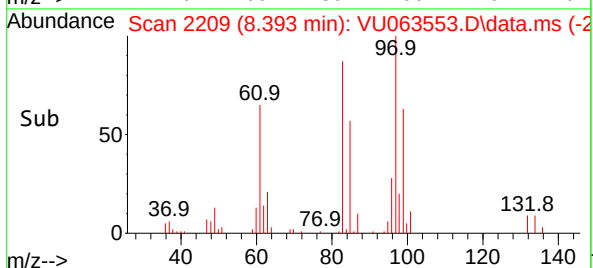
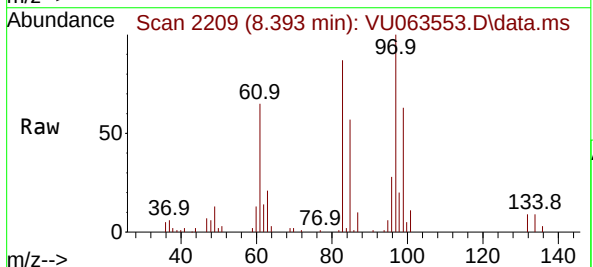
Manual Integrations
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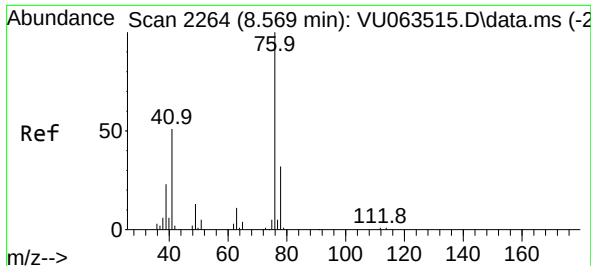
Reviewed By :Mahesh Dadoda 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025



#52
 1,1,2-Trichloroethane
 Concen: 11.436 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063553.D
 Acq: 21 Jul 2025 19:14

Tgt Ion: 97 Resp: 39175
 Ion Ratio Lower Upper
 97 100
 83 86.5 70.2 105.2
 85 56.9 45.2 67.8
 99 62.3 50.1 75.1





#53

1,3-Dichloropropane

Concen: 11.615 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 6868

Ion Ratio Lower Upper

76 100

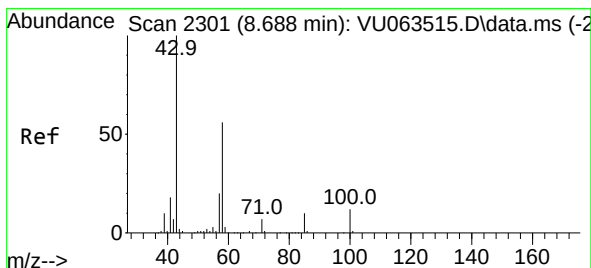
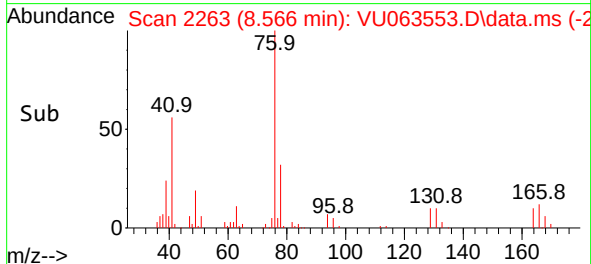
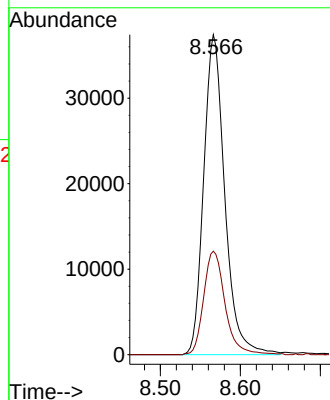
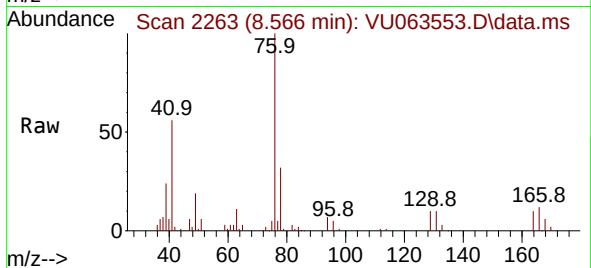
78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#54

2-Hexanone

Concen: 58.674 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

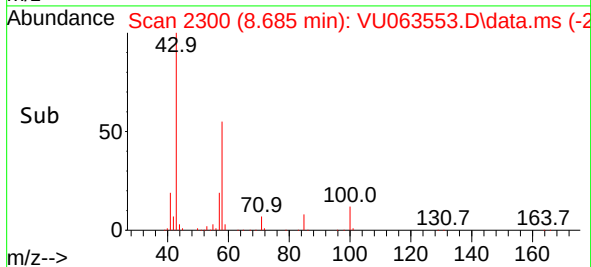
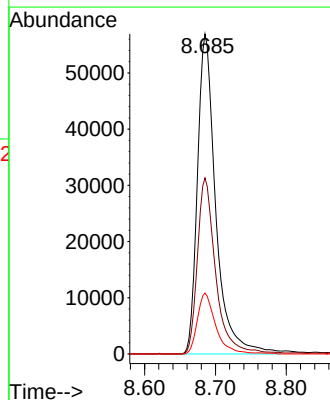
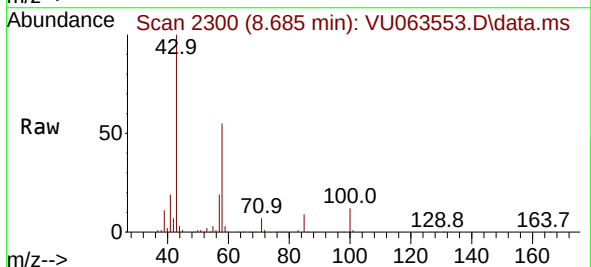
Tgt Ion: 43 Resp: 102200

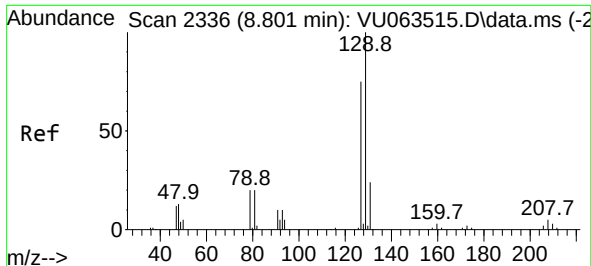
Ion Ratio Lower Upper

43 100

58 54.8 34.8 74.8

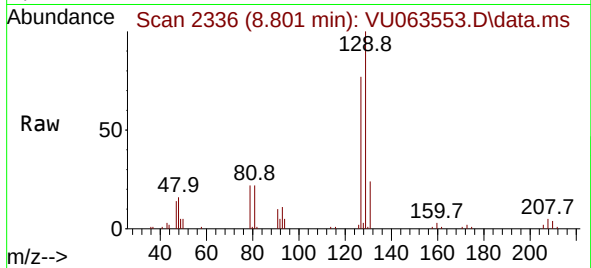
57 18.9 0.0 39.5





#55
Dibromochloromethane
Concen: 10.187 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

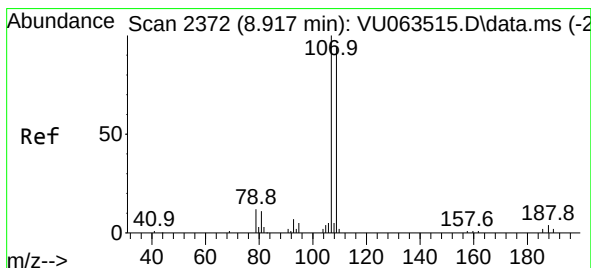
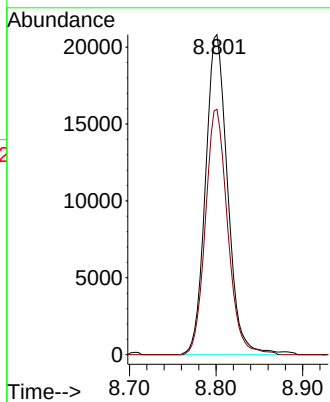
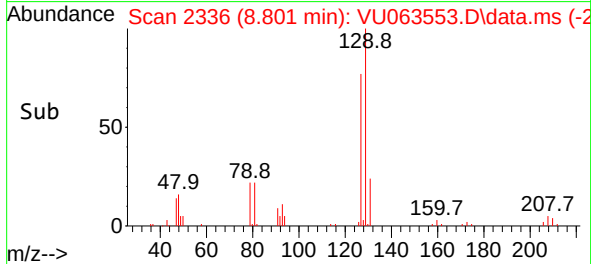
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC



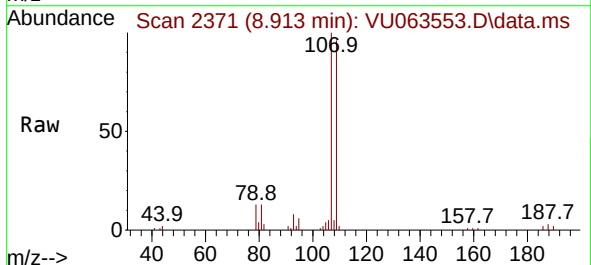
Tgt Ion:129 Resp: 36870
Ion Ratio Lower Upper
129 100
127 77.4 60.1 90.1

Manual Integrations
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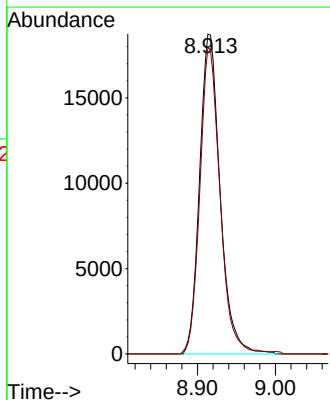
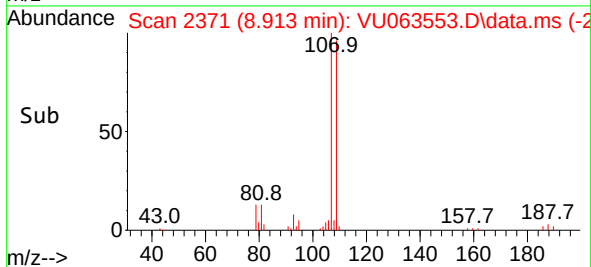
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

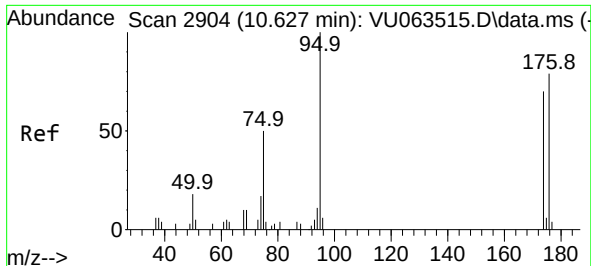


#56
1,2-Dibromoethane
Concen: 11.168 ug/l
RT: 8.913 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



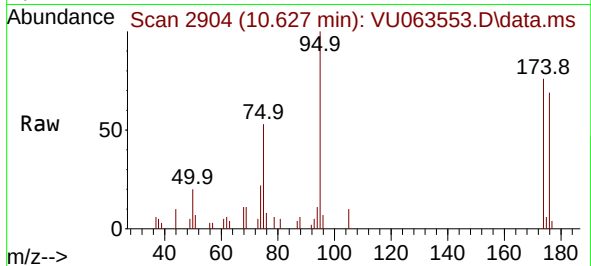
Tgt Ion:107 Resp: 34238
Ion Ratio Lower Upper
107 100
109 94.0 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 1.093 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

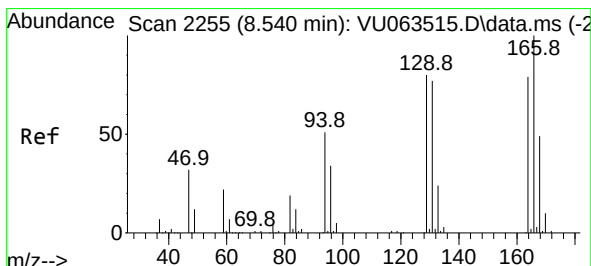
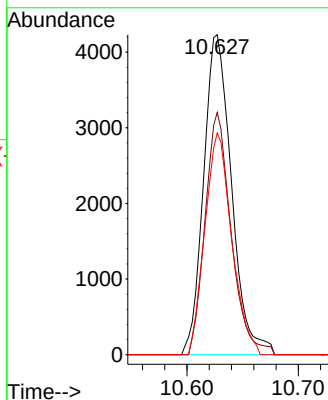
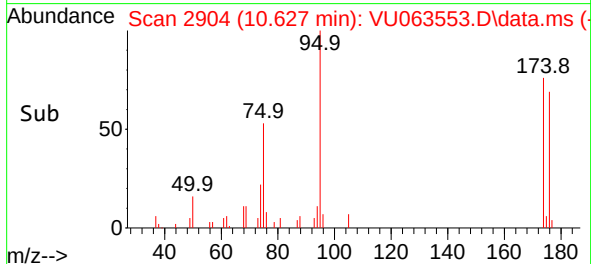
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 737
Ion Ratio Lower Upper
95 100
174 70.4 59.8 89.8
176 66.5 61.8 92.8

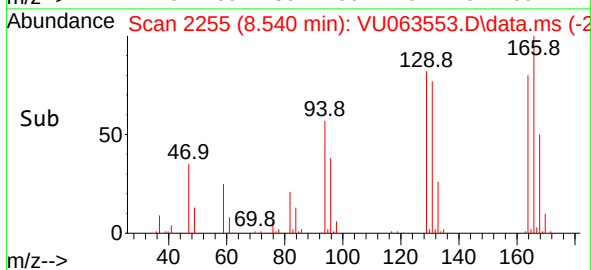
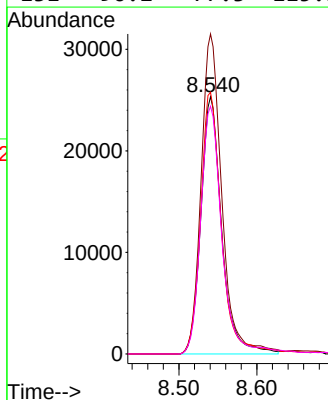
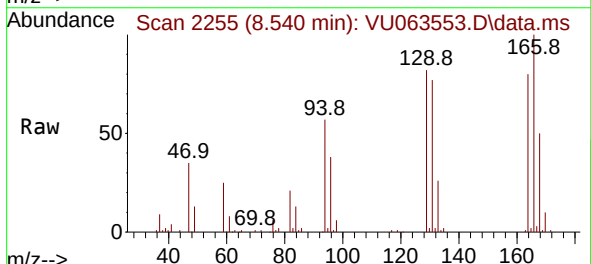
Manual Integrations
APPROVED

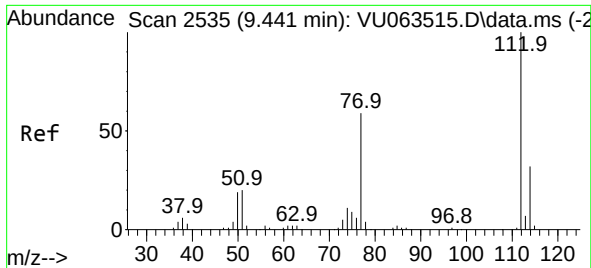
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#58
Tetrachloroethene
Concen: 9.534 ug/l
RT: 8.540 min Scan# 2255
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion:164 Resp: 46719
Ion Ratio Lower Upper
164 100
166 124.3 100.7 151.1
129 101.7 80.6 120.8
131 96.2 77.3 115.9





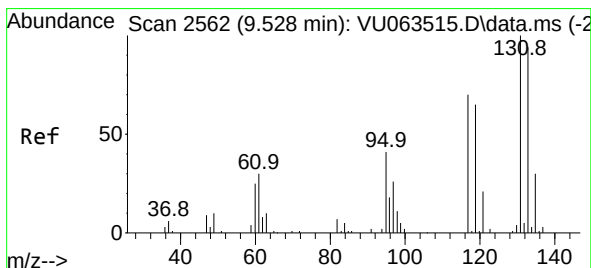
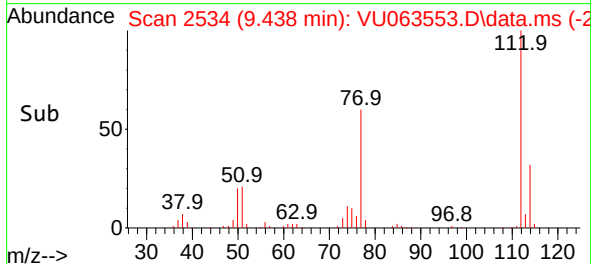
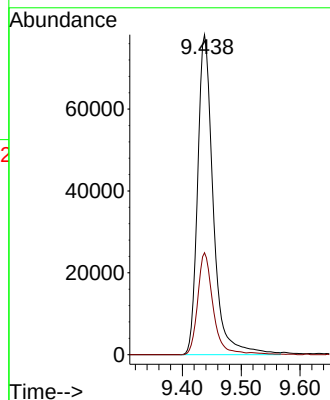
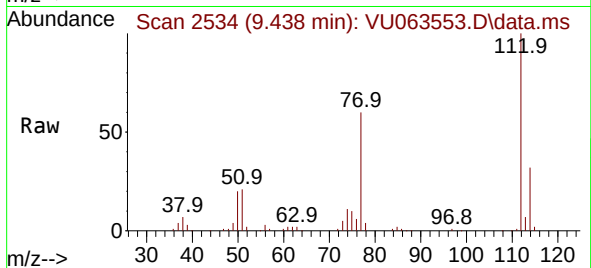
#59
Chlorobenzene
Concen: 10.964 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 144290
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

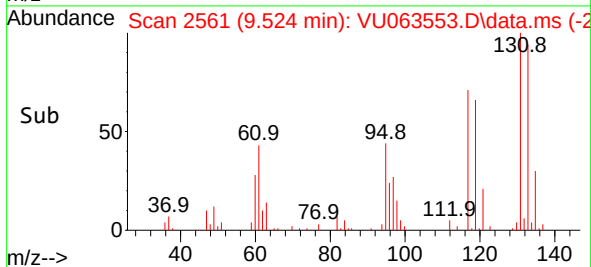
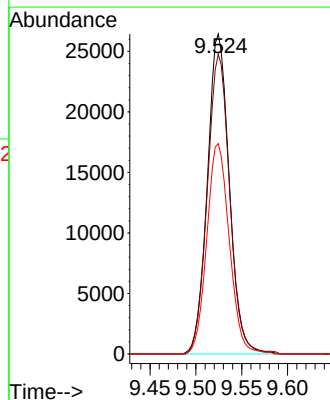
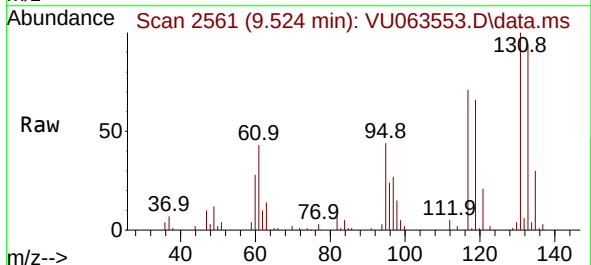
Manual Integrations
APPROVED

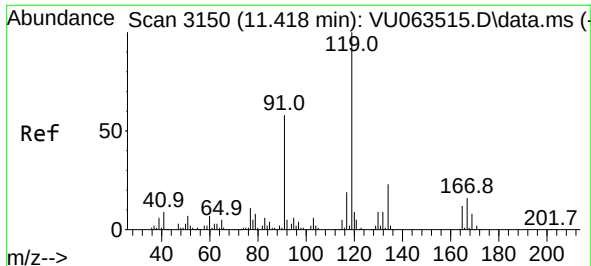
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 10.404 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

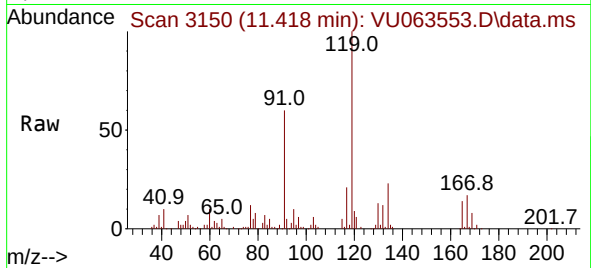
Tgt Ion:131 Resp: 44029
Ion Ratio Lower Upper
131 100
133 95.2 74.7 112.1
119 67.3 53.0 79.4





#61
Pentachloroethane
Concen: 12.298 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

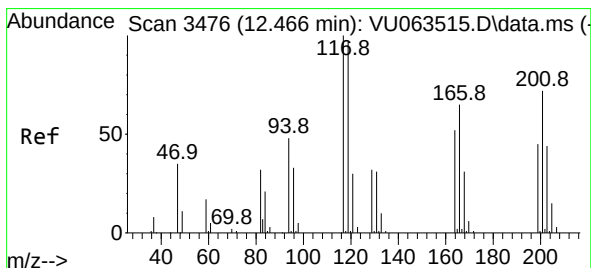
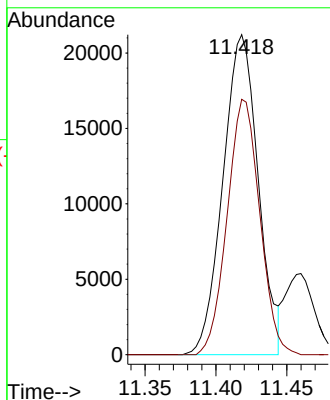
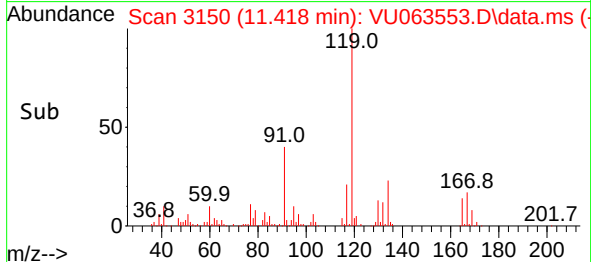
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 3677
Ion Ratio Lower Upper
117 100
167 73.7 65.0 97.6

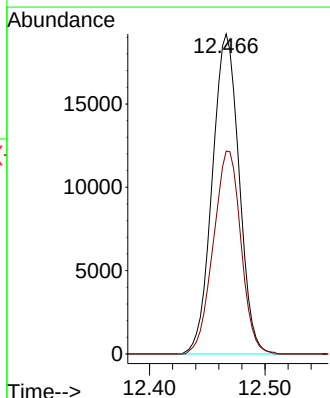
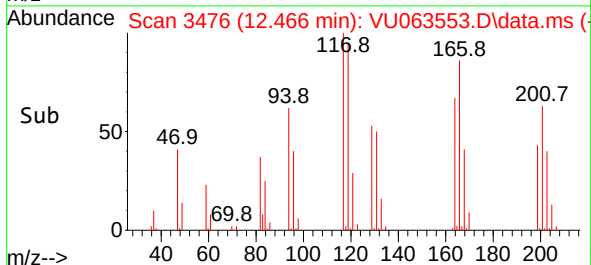
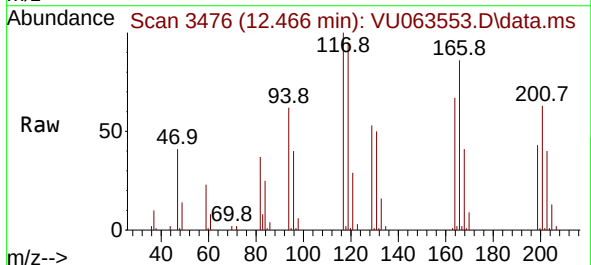
Manual Integrations
APPROVED

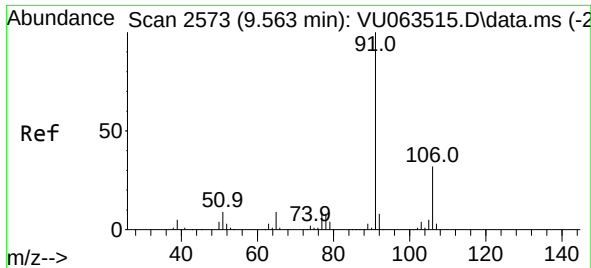
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#62
Hexachloroethane
Concen: 10.451 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

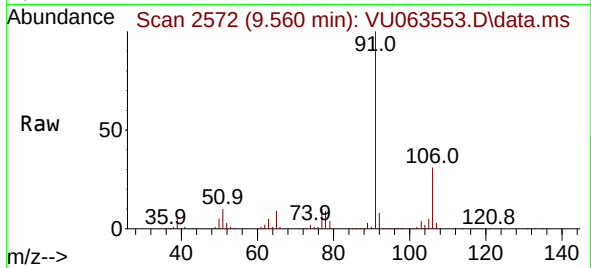
Tgt Ion:117 Resp: 30948
Ion Ratio Lower Upper
117 100
201 65.4 57.4 86.0





#63
Ethyl Benzene
Concen: 11.063 ug/l
RT: 9.560 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

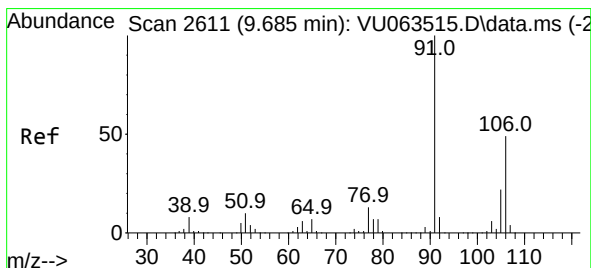
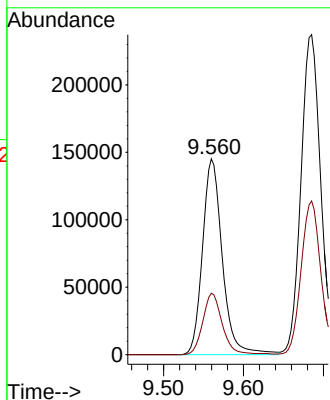
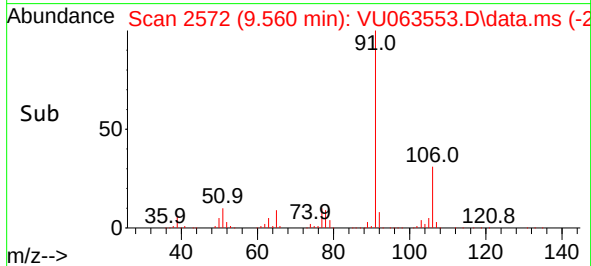
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



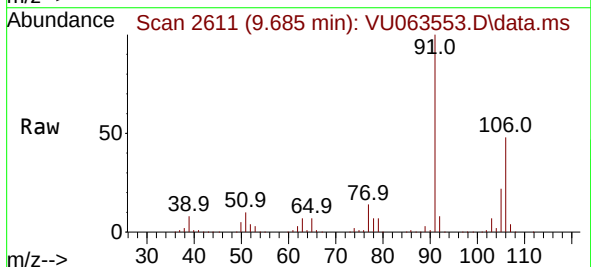
Tgt Ion: 91 Resp: 25053
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0

Manual Integrations
APPROVED

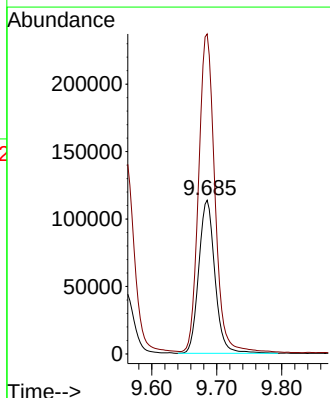
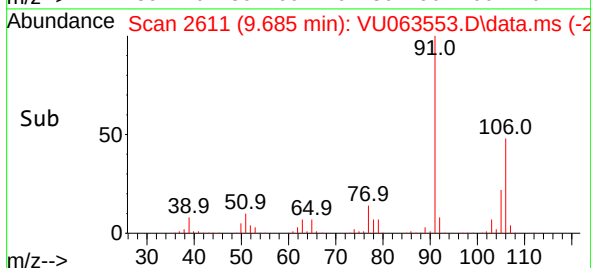
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

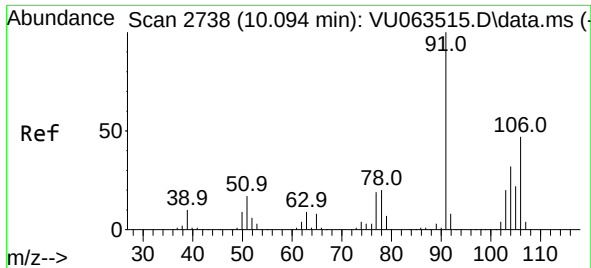


#64
m/p-Xylenes
Concen: 22.334 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



Tgt Ion:106 Resp: 196599
Ion Ratio Lower Upper
106 100
91 211.2 163.6 245.4





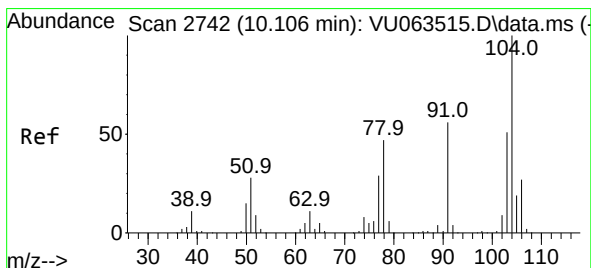
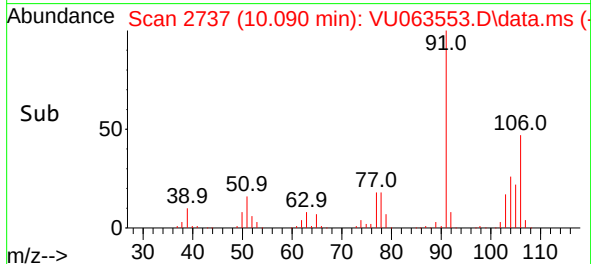
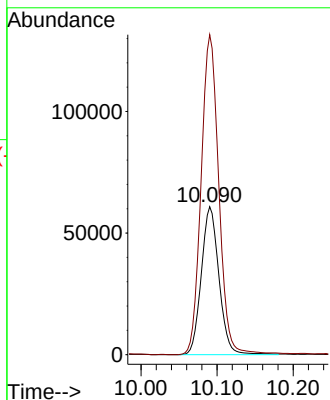
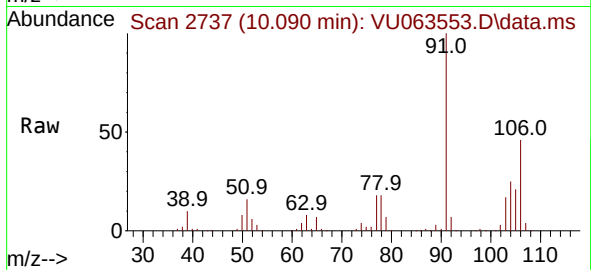
#65
o-Xylene
Concen: 11.599 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 9810
Ion Ratio Lower Upper
106 100
91 217.6 108.1 324.4

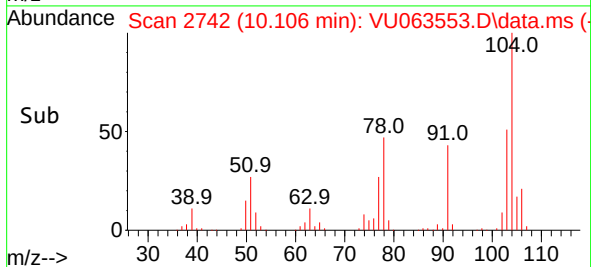
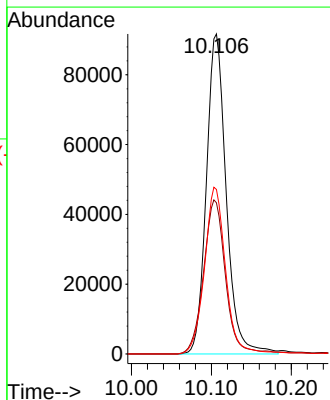
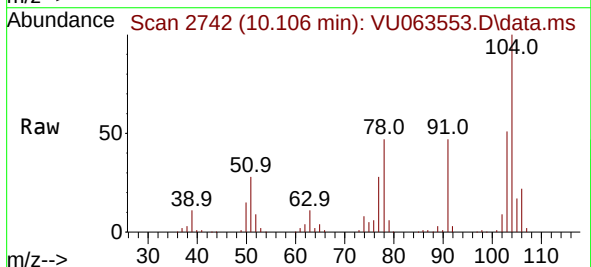
Manual Integrations
APPROVED

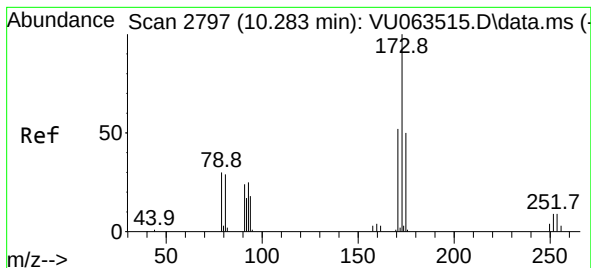
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#66
Styrene
Concen: 11.760 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion:104 Resp: 158528
Ion Ratio Lower Upper
104 100
78 53.4 41.3 61.9
103 55.4 43.6 65.4





#67

Bromoform

Concen: 9.437 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

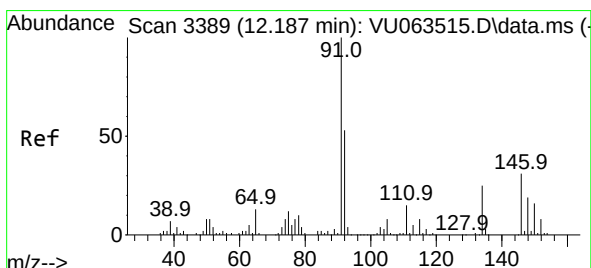
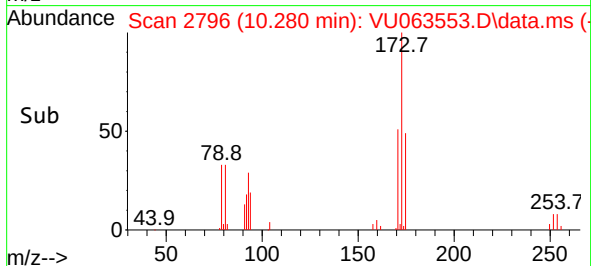
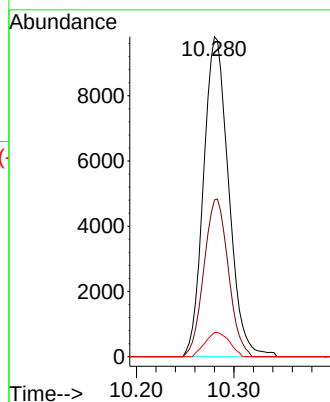
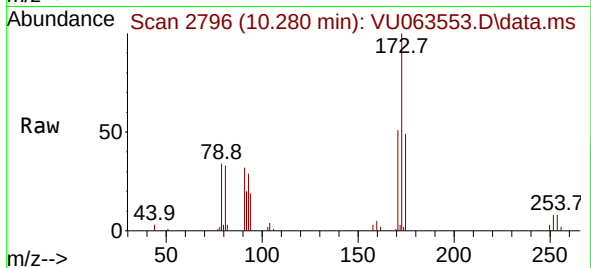
VSTDCCC010EC

Tgt Ion:173 Resp: 17540
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.4
254 7.4 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.133 ug/l

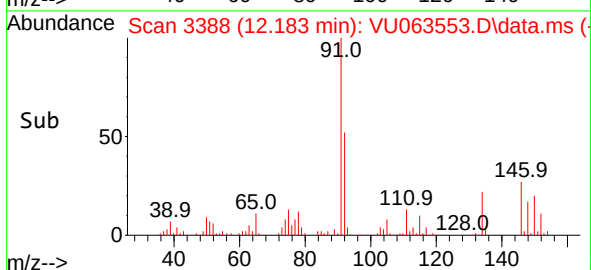
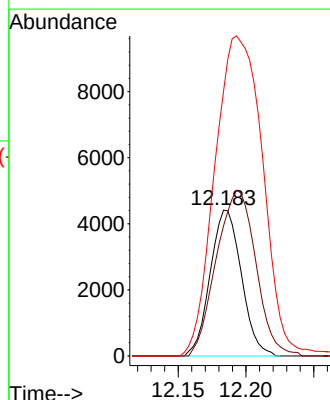
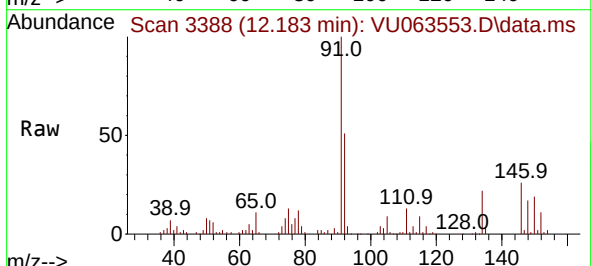
RT: 12.183 min Scan# 3388

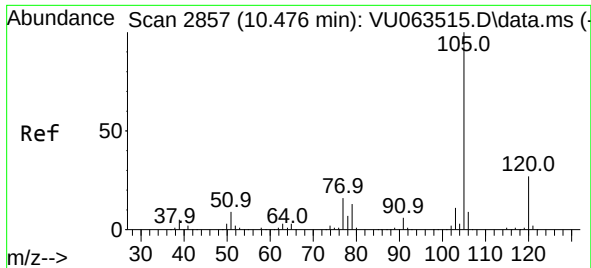
Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Tgt Ion:152 Resp: 7067
Ion Ratio Lower Upper
152 100
115 143.7 0.0 262.2
150 337.0 0.0 651.2





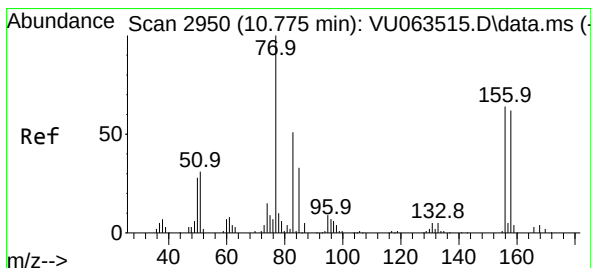
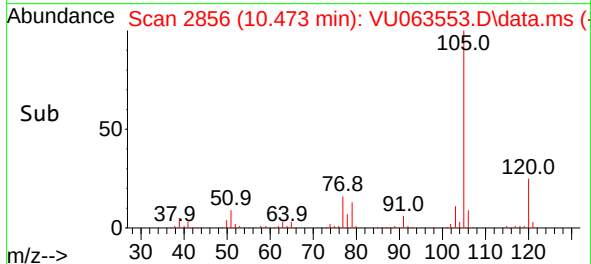
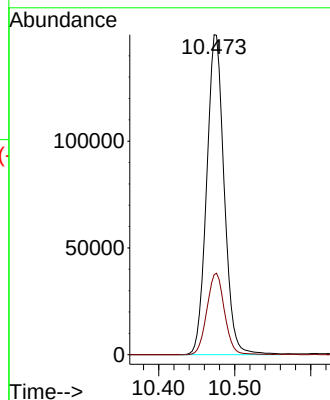
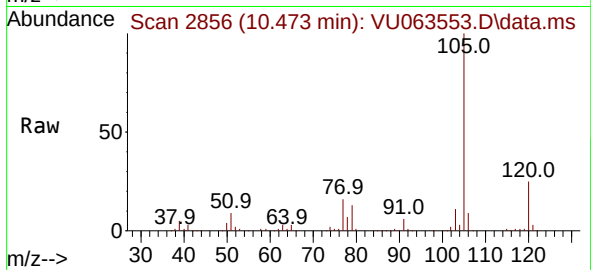
#69
Isopropylbenzene
Concen: 11.716 ug/l
RT: 10.473 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 23958
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

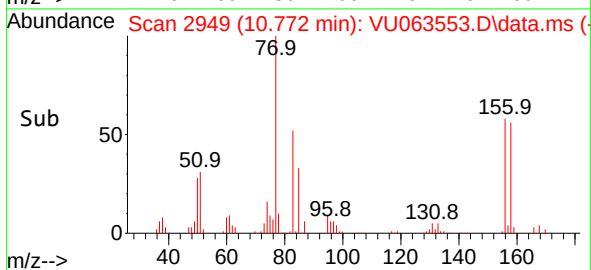
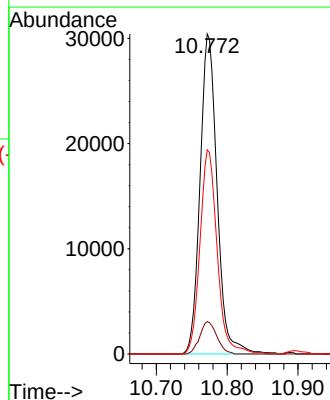
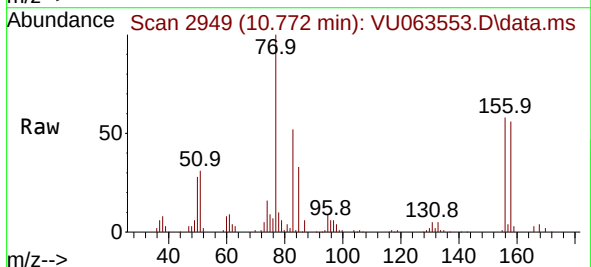
Manual Integrations
APPROVED

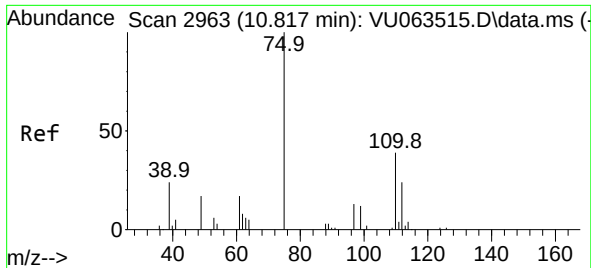
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 12.212 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

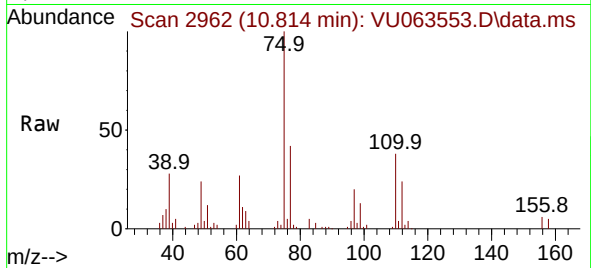
Tgt Ion: 83 Resp: 50904
Ion Ratio Lower Upper
83 100
131 10.1 8.4 12.6
85 64.2 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 10.637 ug/l m
RT: 10.814 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

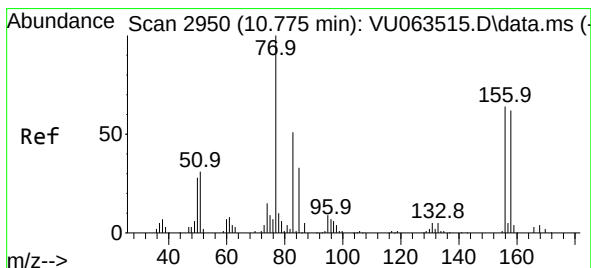
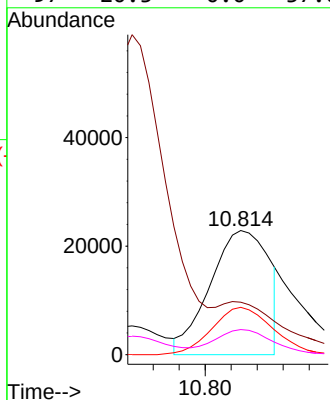
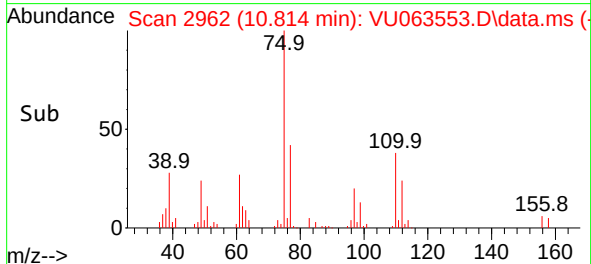
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



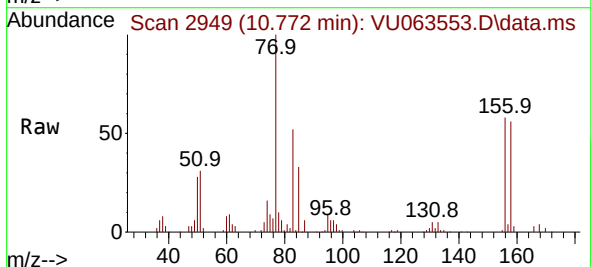
Tgt Ion: 75 Resp: 36010
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 39.9 0.0 73.2
97 20.3 0.0 37.6

Manual Integrations
APPROVED

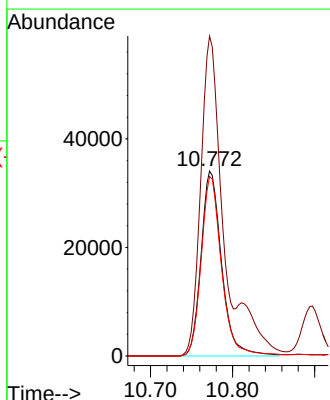
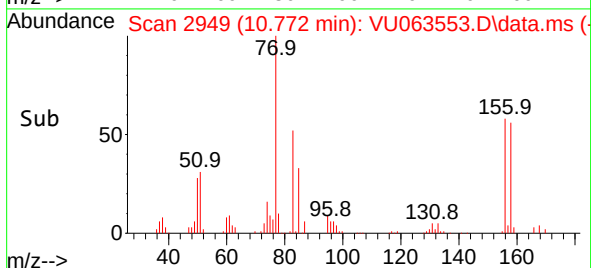
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

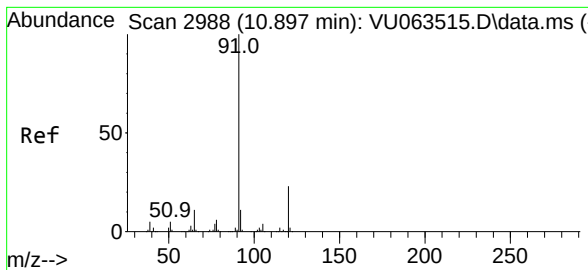


#72
Bromobenzene
Concen: 11.214 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



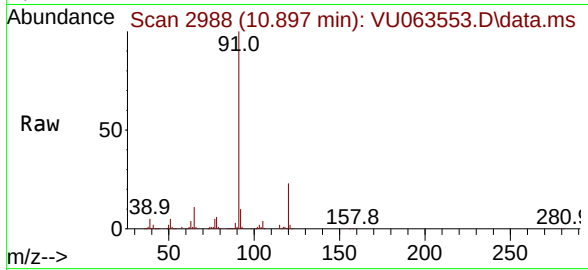
Tgt Ion:156 Resp: 59178
Ion Ratio Lower Upper
156 100
77 165.3 0.0 315.2
158 96.2 0.0 195.4





#73
n-propylbenzene
Concen: 11.692 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

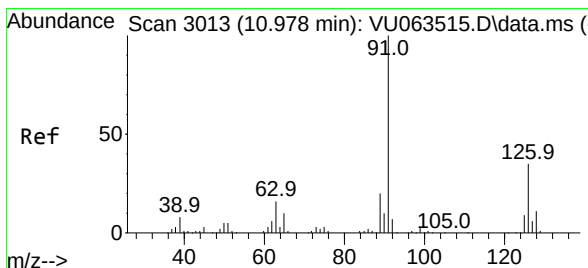
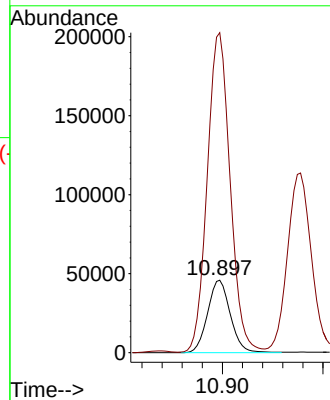
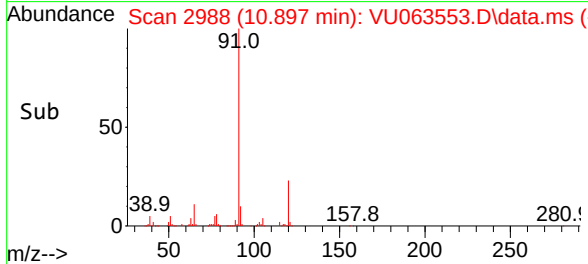
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



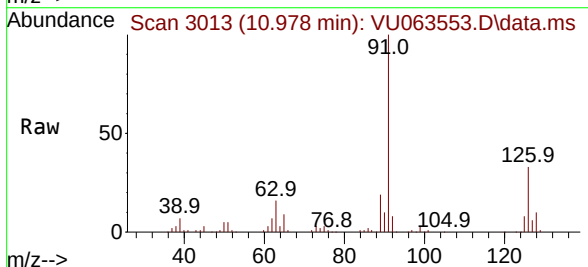
Tgt Ion:120 Resp: 71969
Ion Ratio Lower Upper
120 100
91 443.8 343.1 514.7

Manual Integrations
APPROVED

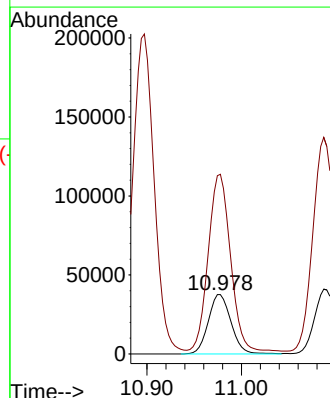
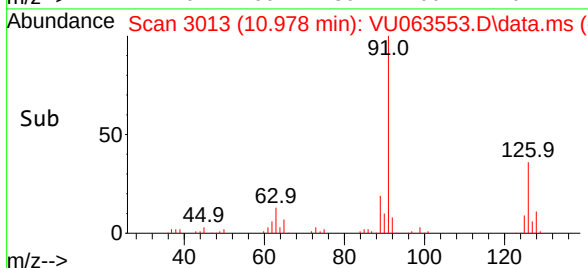
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

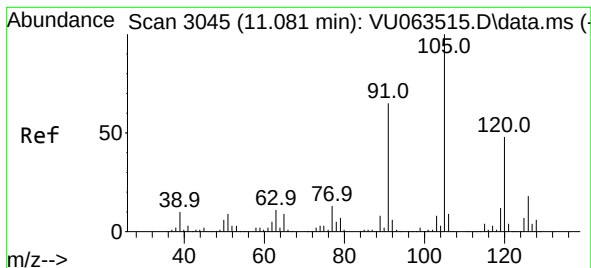


#74
2-Chlorotoluene
Concen: 11.504 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



Tgt Ion:126 Resp: 62587
Ion Ratio Lower Upper
126 100
91 303.2 0.0 606.0





#75

1,3,5-Trimethylbenzene

Concen: 11.908 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 232624

Ion Ratio Lower Upper

105 100

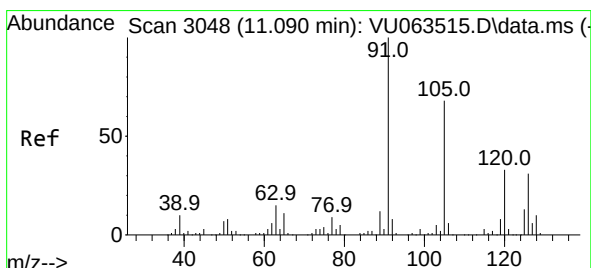
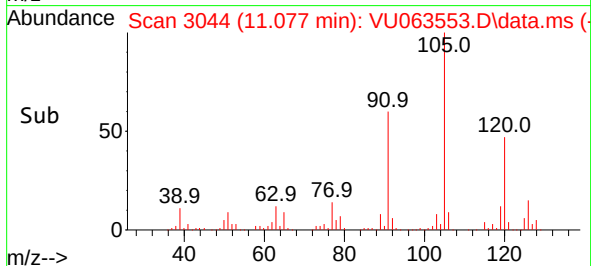
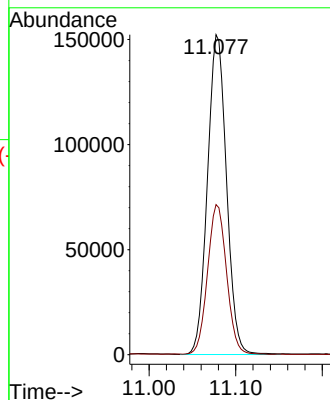
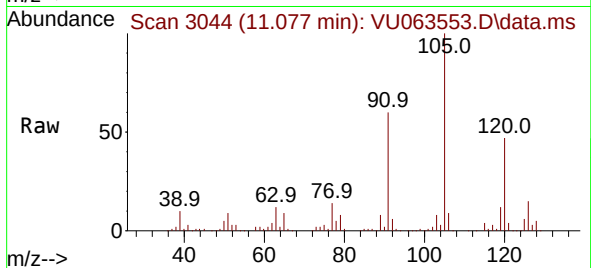
120 46.7 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#76

4-Chlorotoluene

Concen: 12.029 ug/l

RT: 11.087 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VU063553.D

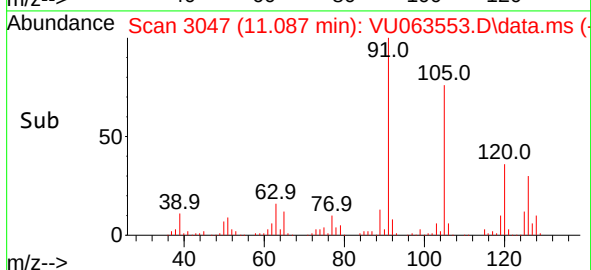
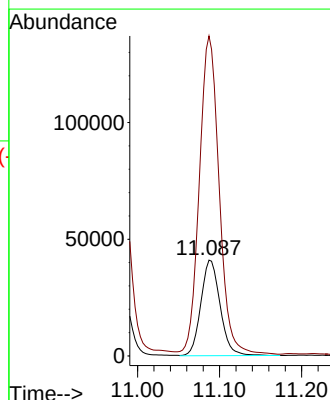
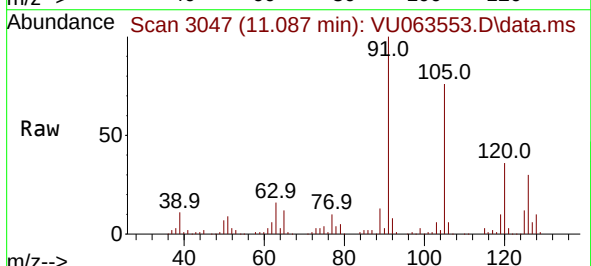
Acq: 21 Jul 2025 19:14

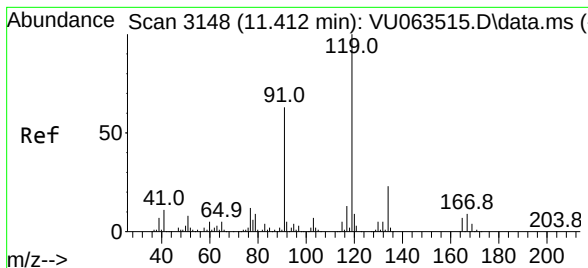
Tgt Ion:126 Resp: 66456

Ion Ratio Lower Upper

126 100

91 343.8 0.0 682.2





#77

tert-Butylbenzene

Concen: 11.810 ug/l

RT: 11.409 min Scan# 3147

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

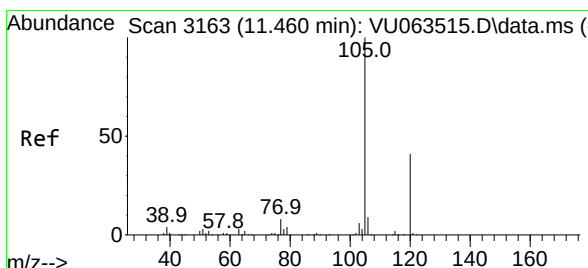
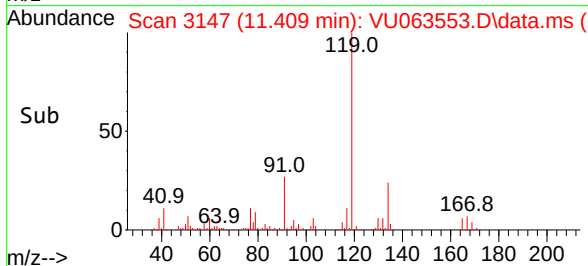
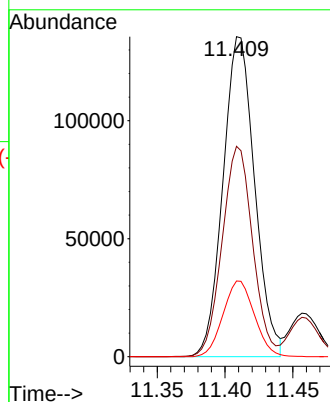
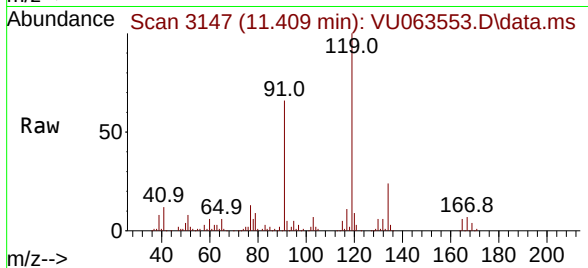
VSTDCCC010EC

Tgt Ion:	119	Resp:	220480
Ion Ratio	Lower	Upper	
119	100		
91	63.2	30.7	92.1
134	23.4	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#78

1,2,4-Trimethylbenzene

Concen: 12.161 ug/l

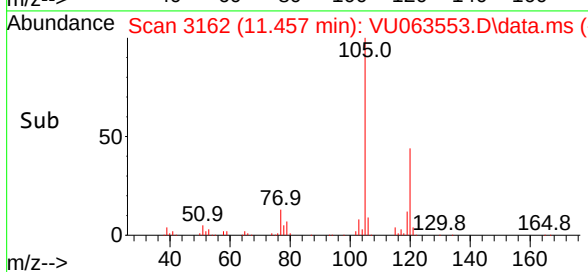
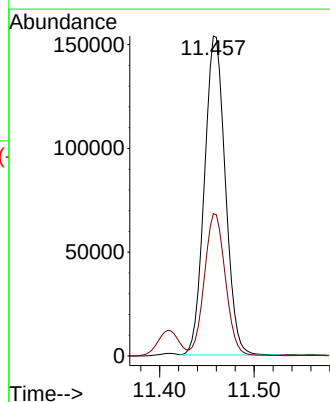
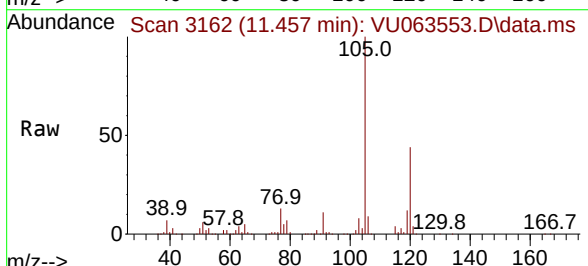
RT: 11.457 min Scan# 3162

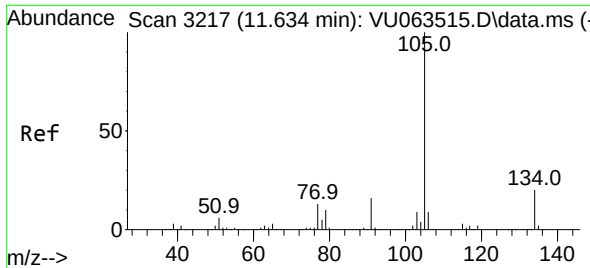
Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Tgt Ion:	105	Resp:	235693
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.7	68.0





#79
 sec-Butylbenzene
 Concen: 12.193 ug/l
 RT: 11.634 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VU063553.D
 Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

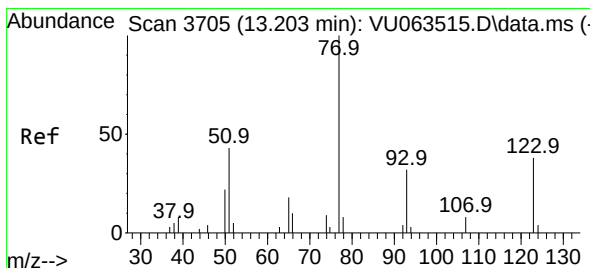
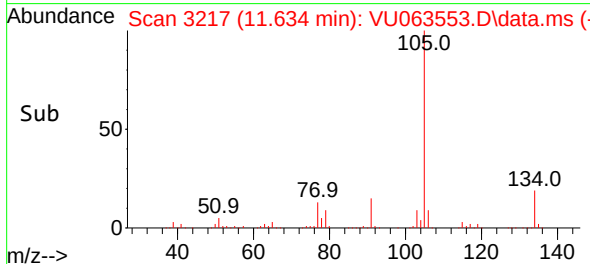
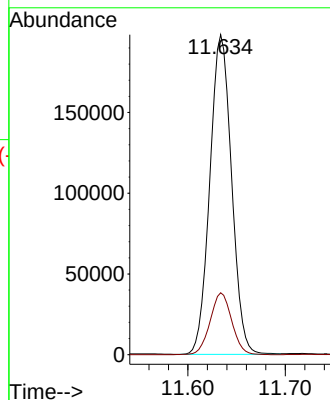
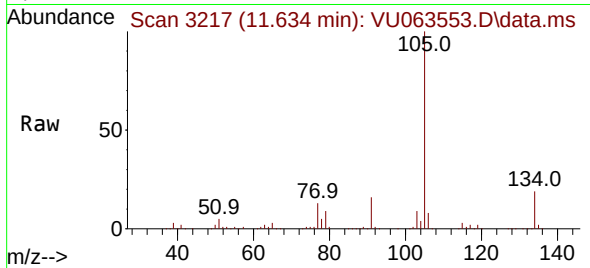
VSTDCCC010EC

Tgt Ion:105 Resp: 306974
 Ion Ratio Lower Upper
 105 100
 134 19.3 16.2 24.4

Manual Integrations

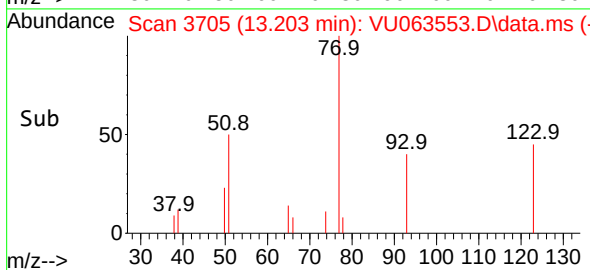
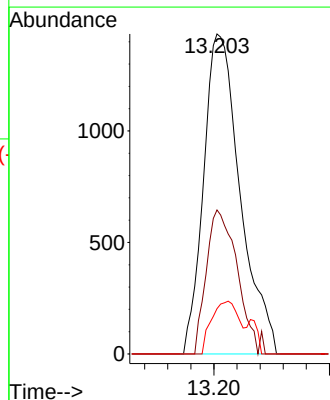
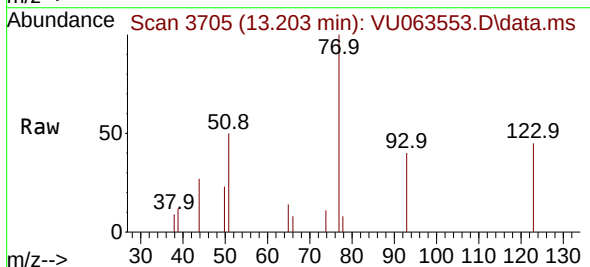
APPROVED

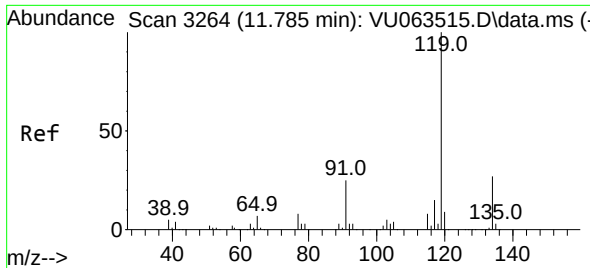
Reviewed By :Mahesh Dadoda 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025



#80
 Nitrobenzene
 Concen: 36.777 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063553.D
 Acq: 21 Jul 2025 19:14

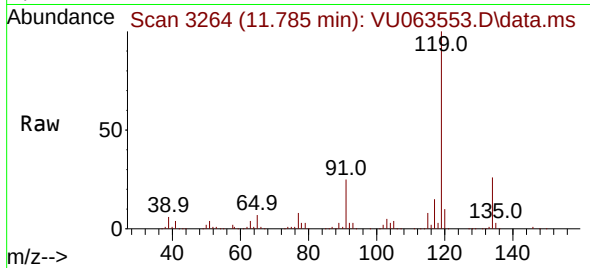
Tgt Ion: 77 Resp: 3154
 Ion Ratio Lower Upper
 77 100
 123 38.1 16.9 59.7
 65 8.3 16.5 20.9#





#81
p-Isopropyltoluene
Concen: 11.934 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

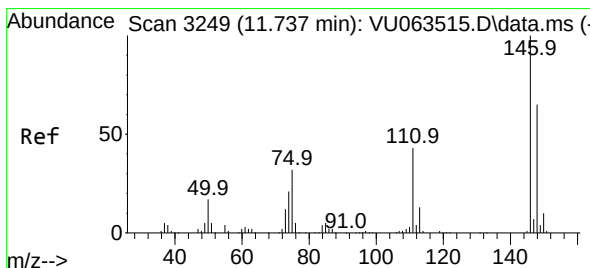
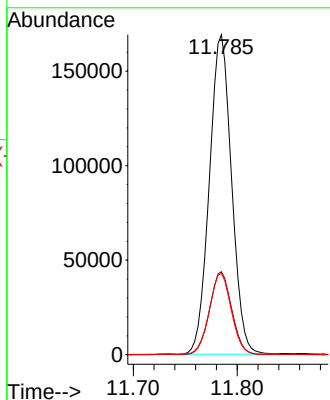
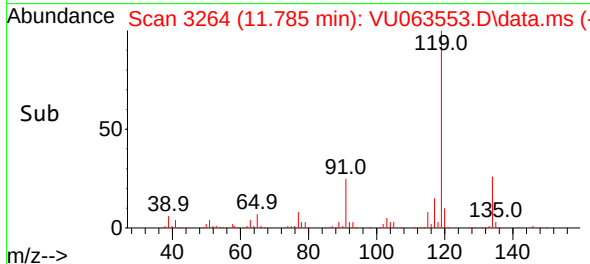
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



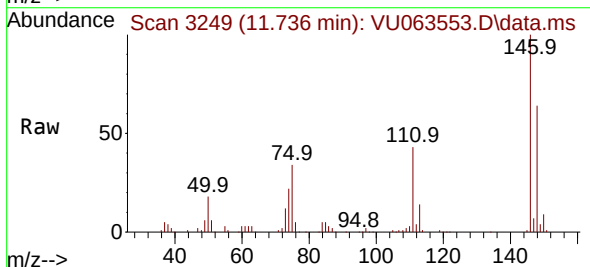
Tgt Ion:119 Resp: 250793
Ion Ratio Lower Upper
119 100
134 25.7 21.1 31.7
91 25.0 19.8 29.8

Manual Integrations
APPROVED

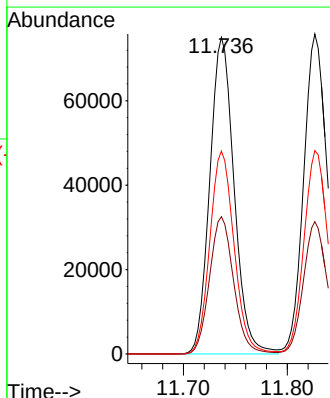
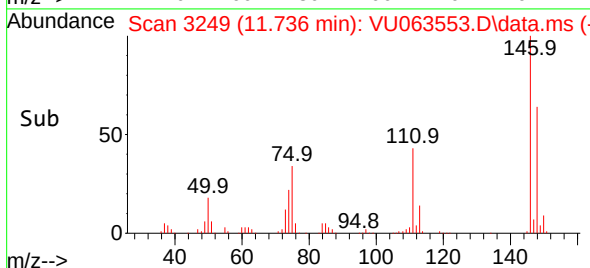
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

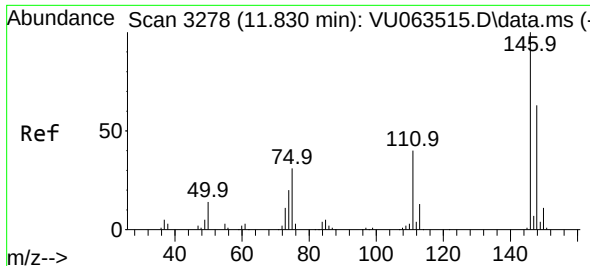


#82
1,3-Dichlorobenzene
Concen: 11.548 ug/l
RT: 11.736 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



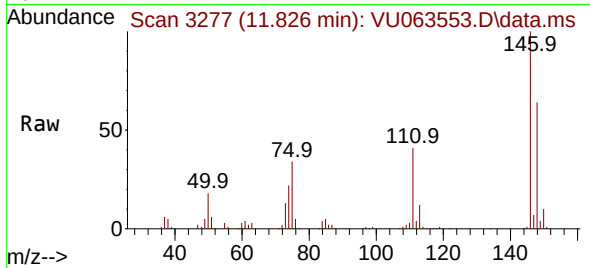
Tgt Ion:146 Resp: 121938
Ion Ratio Lower Upper
146 100
111 43.0 33.8 50.6
148 64.1 51.5 77.3





#83
1,4-Dichlorobenzene
Concen: 11.582 ug/l
RT: 11.826 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

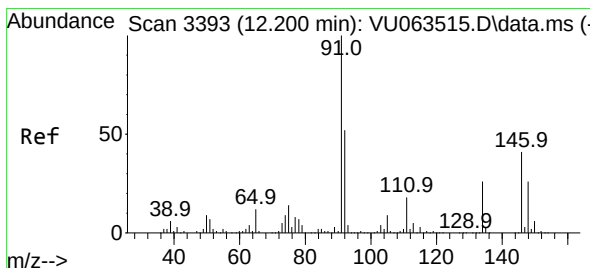
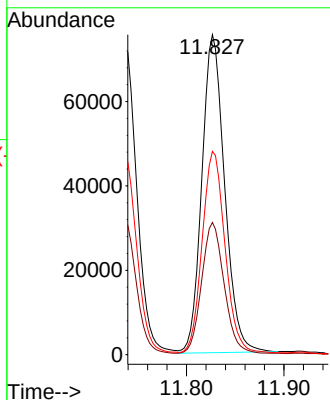
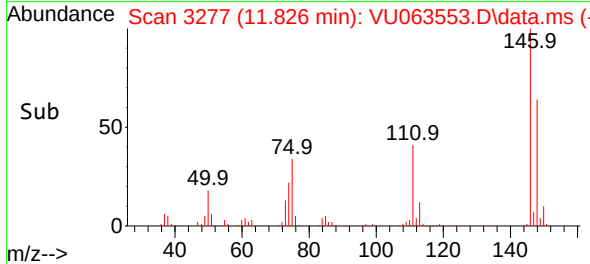
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



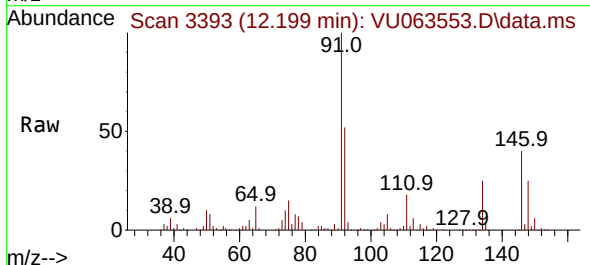
Tgt Ion:146 Resp: 122418
Ion Ratio Lower Upper
146 100
111 41.1 32.0 48.0
148 63.9 50.2 75.2

Manual Integrations
APPROVED

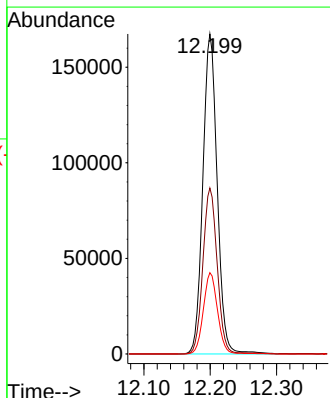
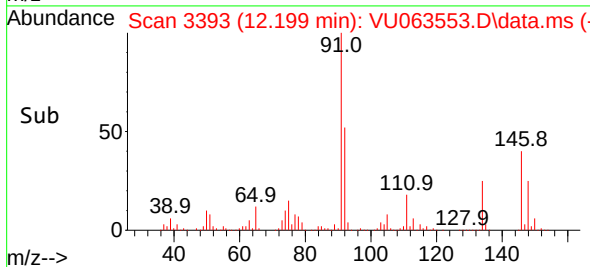
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

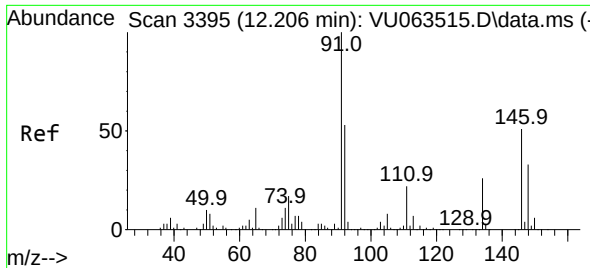


#84
n-Butylbenzene
Concen: 12.903 ug/l
RT: 12.199 min Scan# 3393
Delta R.T. -0.001 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



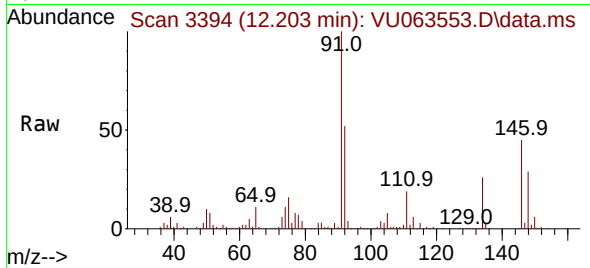
Tgt Ion: 91 Resp: 251485
Ion Ratio Lower Upper
91 100
92 51.6 41.5 62.3
134 25.0 20.6 30.8





#85
1,2-Dichlorobenzene
Concen: 11.745 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

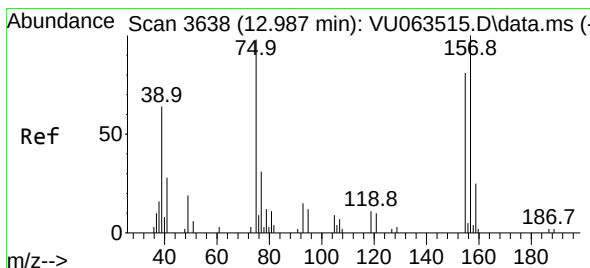
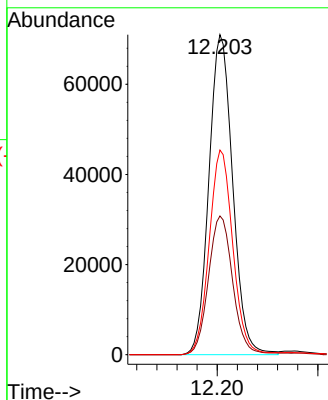
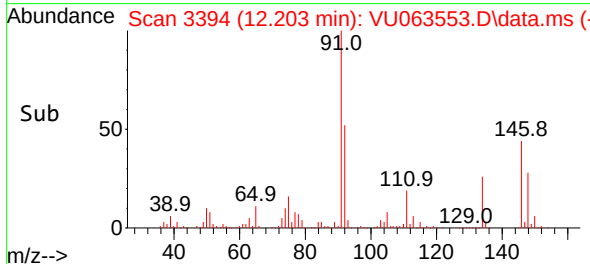
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



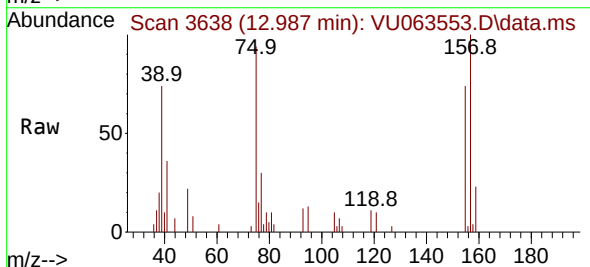
Tgt Ion:146 Resp: 116500
Ion Ratio Lower Upper
146 100
111 44.5 21.7 65.1
148 63.8 31.8 95.3

Manual Integrations
APPROVED

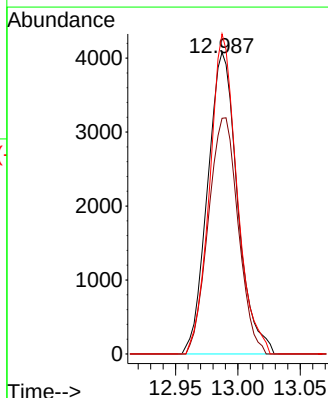
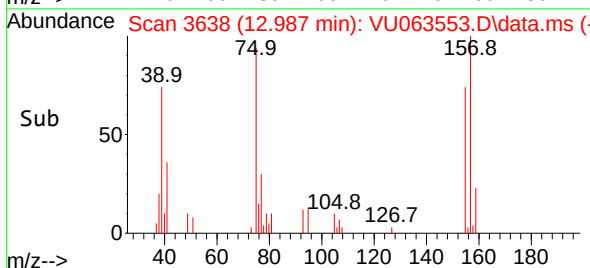
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

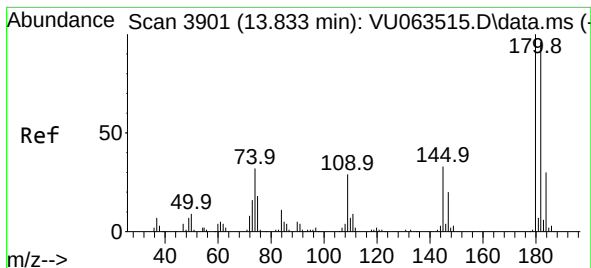


#86
1,2-Dibromo-3-Chloropropane
Concen: 9.721 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



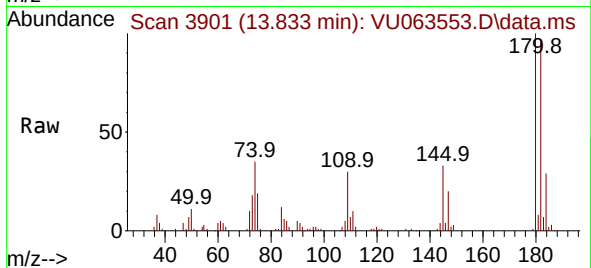
Tgt Ion: 75 Resp: 6805
Ion Ratio Lower Upper
75 100
155 78.2 65.8 98.6
157 97.0 81.4 122.2





#87
1,2,4-Trichlorobenzene
Concen: 11.141 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

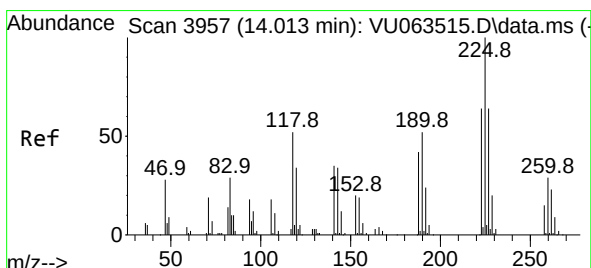
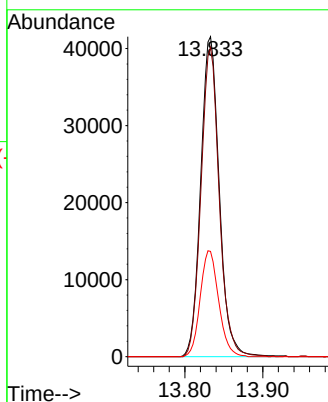
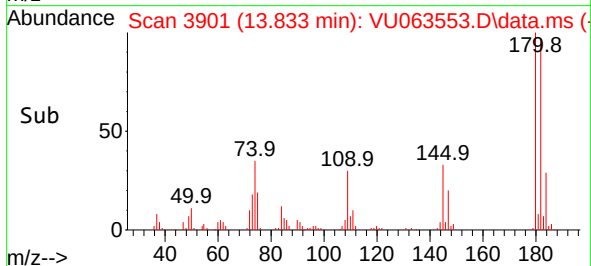
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



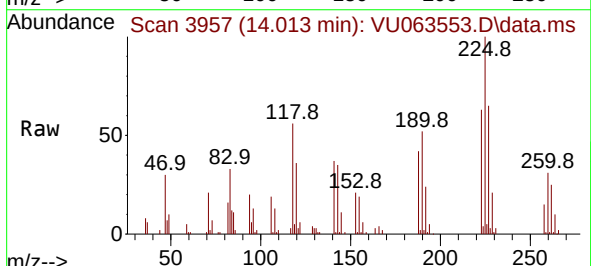
Tgt Ion:180 Resp: 68729
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.4
145 32.8 26.2 39.2

Manual Integrations
APPROVED

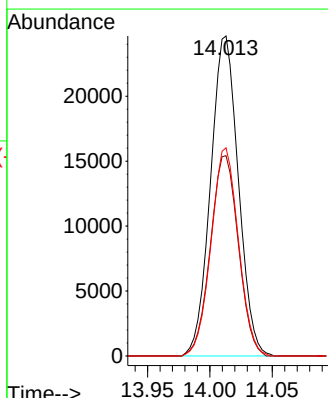
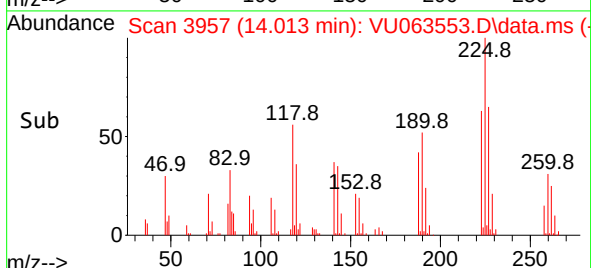
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

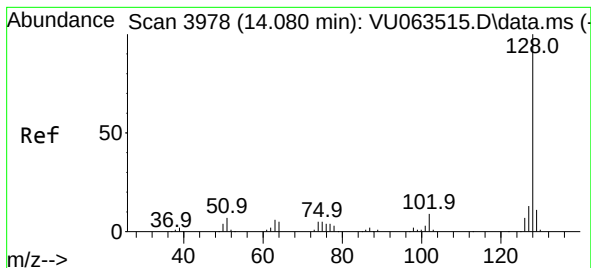


#88
Hexachlorobutadiene
Concen: 10.922 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



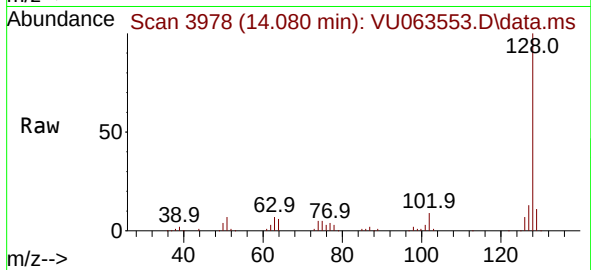
Tgt Ion:225 Resp: 38263
Ion Ratio Lower Upper
225 100
223 63.0 50.8 76.2
227 64.1 51.0 76.6





#89
Naphthalene
Concen: 11.758 ug/l
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

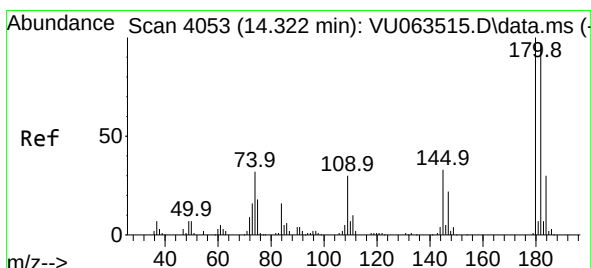
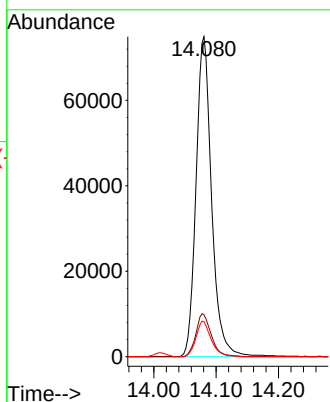
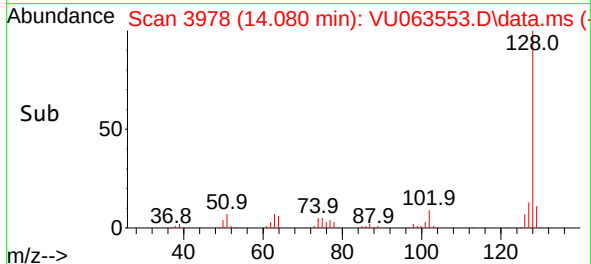
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



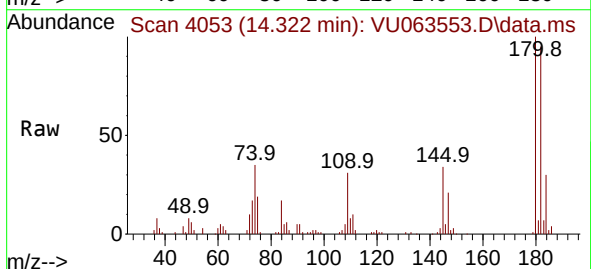
Tgt Ion:128 Resp: 12997
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#90
1,2,3-Trichlorobenzene
Concen: 13.566 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14



Tgt Ion:180 Resp: 77336
Ion Ratio Lower Upper
180 100
182 94.7 78.0 117.0
145 33.8 27.3 40.9

