

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062325\
 Data File : VU063425.D
 Acq On : 23 Jun 2025 13:05
 Operator : MD/SY
 Sample : VSTDIC015
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Quant Time: Jun 24 04:43:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 03:53:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.103	96	55542	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	21764	1.067	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	21650	1.057	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	320918	15.043	ug/l	99
3) Chloromethane	1.518	50	402670	14.328	ug/l	99
4) Vinyl Chloride	1.599	62	360109	14.964	ug/l	99
5) Bromomethane	1.840	94	154228	13.377	ug/l	98
6) Chloroethane	1.920	64	205002	14.383	ug/l	99
7) Trichlorofluoromethane	2.126	101	411631	15.000	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	220192m	15.066	ug/l	
9) 1,1-Dichloroethene	2.567	96	220427	15.114	ug/l	99
10) Iodomethane	2.708	142	211003	17.924	ug/l	99
11) Allyl Chloride	2.911	41	387123	14.902	ug/l	99
12) Acrylonitrile	3.303	53	126007m	29.902	ug/l	
13) Acetone	2.618	43	379532	75.787	ug/l	99
14) Carbon Disulfide	2.779	76	759256	14.929	ug/l	100
15) Methylene Chloride	3.030	84	266545	14.419	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	243631	14.847	ug/l	98
17) 1,1-Dichloroethane	3.849	63	509832	14.797	ug/l	100
18) 2-Butanone	4.708	43	490050	83.335	ug/l	100
19) Cyclohexane	5.364	56	425245	16.313	ug/l	94
20) Methylcyclohexane	6.746	83	424768m	17.635	ug/l	
21) 2,2-Dichloropropane	4.647	77	370265	15.119	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	261791	14.616	ug/l	98
23) Diethyl Ether	2.370	59	202958	15.423	ug/l	98
24) tert-Butyl Alcohol	3.187	59	220125	158.795	ug/l	99
25) Methyl tert-Butyl Ether	3.357	73	614070	15.482	ug/l	99
26) Bromochloromethane	4.959	128	103279	14.815	ug/l	99
27) Chloroform	5.074	83	469579	14.538	ug/l	98
28) 1,1,1-Trichloroethane	5.296	97	385099	14.703	ug/l	98
29) 1,1-Dichloropropene	5.505	75	364936	15.253	ug/l	96
30) Carbon Tetrachloride	5.502	117	309522	14.796	ug/l	98
31) Isopropyl Ether	3.991	45	803593	14.841	ug/l	98
32) Ethyl-t-butyl ether	4.502	59	703516m	15.428	ug/l	
33) Tert-Amyl methyl ether	5.943	73	563733	17.293	ug/l	98
34) Propionitrile	4.772	54	120791	71.011	ug/l	98
35) Benzene	5.756	78	1083494	14.970	ug/l	99
36) 1,2-Dichloroethane	5.782	62	320302	15.139	ug/l	99
37) Trichloroethene	6.528	130	264898	15.488	ug/l	100
38) 1,2-Dichloropropane	6.782	63	316392	15.828	ug/l	100
39) Methacrylonitrile	4.972	41	102606	14.497	ug/l	99
40) Methyl acrylate	4.846	55	162541	16.324	ug/l	98
41) Tetrahydrofuran	5.058	42	107618	28.267	ug/l	99
42) 1-Chlorobutane	5.441	56	547855	16.141	ug/l	100
43) Dibromomethane	6.907	93	143318	15.348	ug/l	97
44) Bromodichloromethane	7.097	83	343381	15.096	ug/l	99

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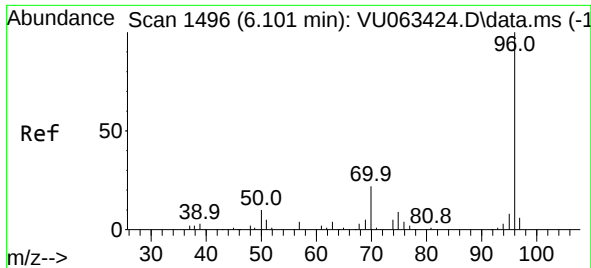
Manual Integrations
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Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

Quant Time: Jun 24 04:43:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 03:53:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	872495	87.043	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	90745m	28.361	ug/l	
47) Methyl methacrylate	6.965	69	272864	30.195	ug/l	98
48) Ethyl methacrylate	8.332	69	255214	14.986	ug/l	98
49) Toluene	7.962	92	681570	17.153	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	302780	18.459	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	393078	17.841	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	209627	15.357	ug/l	99
53) 1,3-Dichloropropane	8.569	76	368628	15.696	ug/l	99
54) 2-Hexanone	8.685	43	632599	75.090	ug/l	98
55) Dibromochloromethane	8.801	129	228158	16.200	ug/l	98
56) 1,2-Dibromoethane	8.917	107	168843	15.258	ug/l	98
58) Tetrachloroethene	8.544	164	267118	15.920	ug/l	99
59) Chlorobenzene	9.441	112	696251	16.367	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	235721	15.394	ug/l	98
61) Pentachloroethane	11.418	117	176614	14.158	ug/l	96
62) Hexachloroethane	12.466	117	178100	15.875	ug/l	99
63) Ethyl Benzene	9.563	91	1247103	18.287	ug/l	100
64) m/p-Xylenes	9.685	106	979694	29.979	ug/l	98
65) o-Xylene	10.094	106	463041	17.872	ug/l	100
66) Styrene	10.106	104	786883	14.979	ug/l	99
67) Bromoform	10.283	173	124626	16.195	ug/l	99
69) Isopropylbenzene	10.476	105	1081336	18.016	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	265725	15.218	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	226643m	15.599	ug/l	
72) Bromobenzene	10.775	156	275102	16.328	ug/l	84
73) n-propylbenzene	10.897	120	331125	15.024	ug/l	99
74) 2-Chlorotoluene	10.978	126	288819	17.342	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	1080027	14.923	ug/l	99
76) 4-Chlorotoluene	11.090	126	306016	17.541	ug/l	93
77) tert-Butylbenzene	11.412	119	967031	17.535	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	1106183	15.016	ug/l	98
79) sec-Butylbenzene	11.634	105	1391528	17.816	ug/l	100
80) Nitrobenzene	13.203	77	63943m	77.243	ug/l	
81) p-Isopropyltoluene	11.785	119	1141962	14.991	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	558223	15.994	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	579089	16.003	ug/l	100
84) n-Butylbenzene	12.200	91	1143852	17.890	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	536861	16.073	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.984	75	39601	16.498	ug/l	99
87) 1,2,4-Trichlorobenzene	13.833	180	321704	17.274	ug/l	99
88) Hexachlorobutadiene	14.013	225	209808	15.890	ug/l	99
89) Naphthalene	14.081	128	611576	15.330	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	319688	17.264	ug/l	100

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



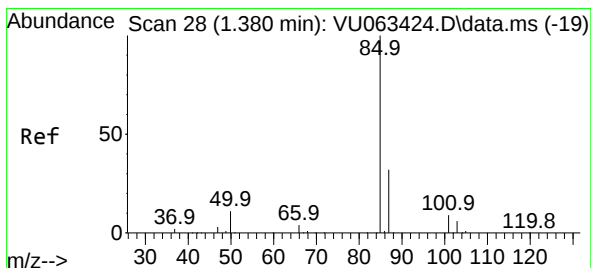
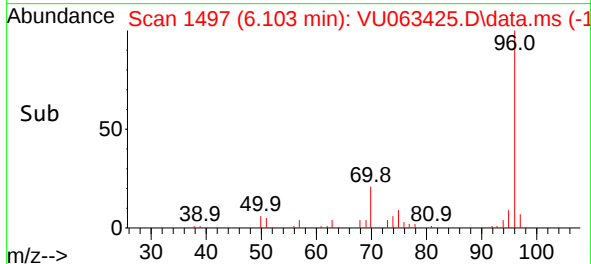
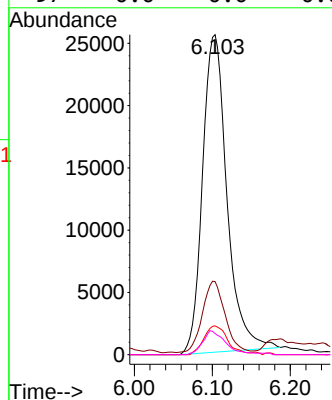
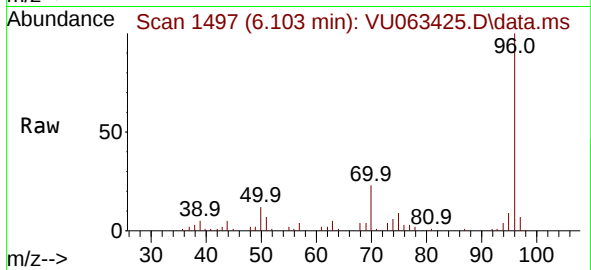
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.002 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 96	Resp: 5554
Ion Ratio	Lower Upper
96 100	
70 20.1	16.4 24.6
95 0.0	6.2 9.2
97 0.0	0.0 0.0

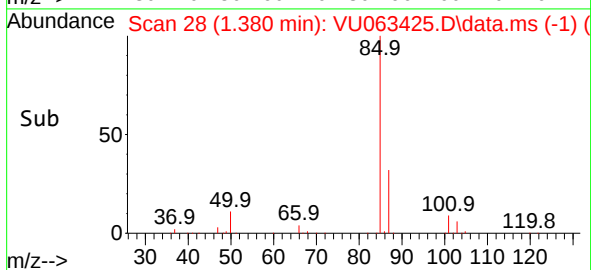
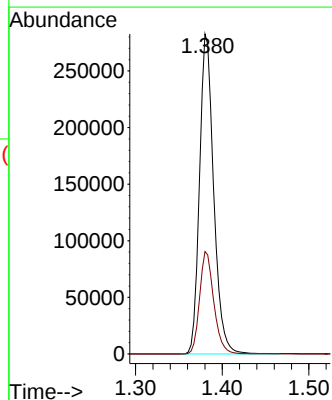
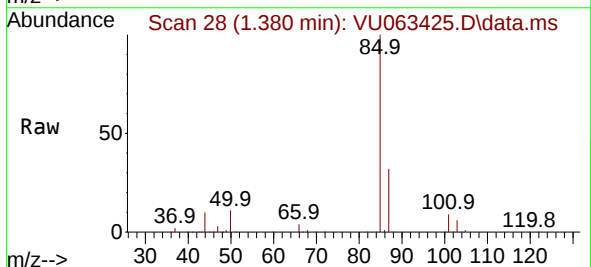
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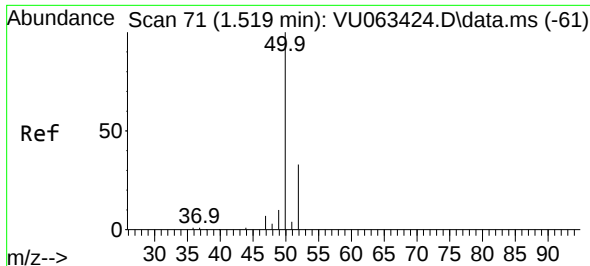
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#2
Dichlorodifluoromethane
Concen: 15.043 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion: 85	Resp: 320918
Ion Ratio	Lower Upper
85 100	
87 32.0	16.2 48.5





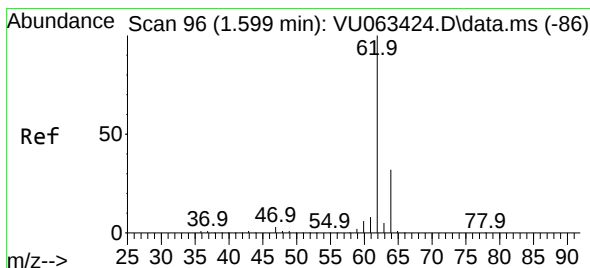
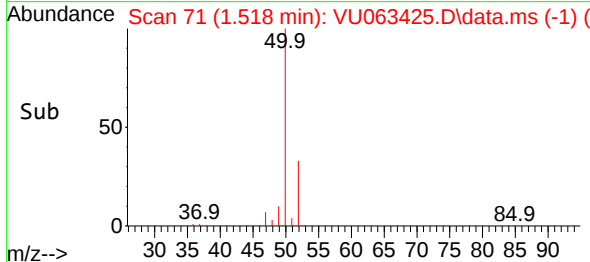
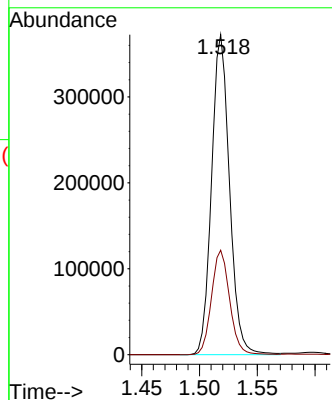
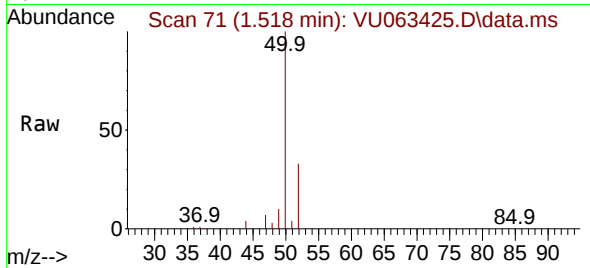
#3
Chloromethane
Concen: 14.328 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 50 Resp: 402670
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0

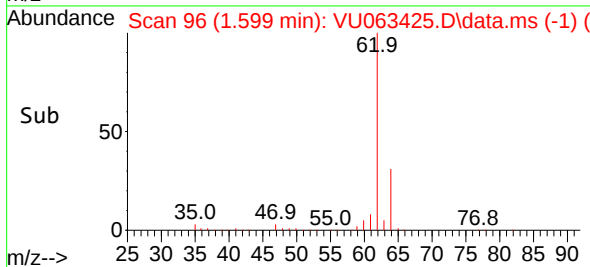
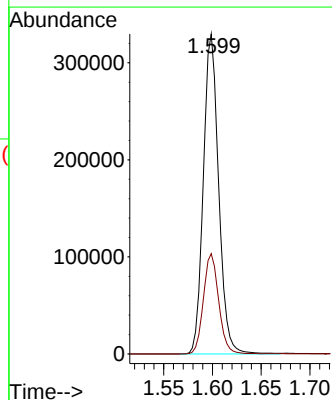
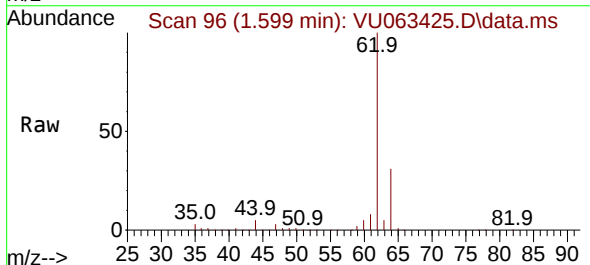
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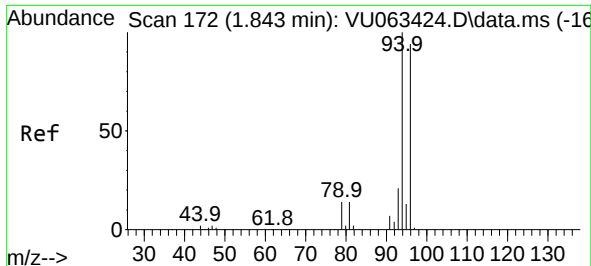
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#4
Vinyl Chloride
Concen: 14.964 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion: 62 Resp: 360109
Ion Ratio Lower Upper
62 100
64 31.3 25.7 38.5





#5

Bromomethane

Concen: 13.377 ug/l

RT: 1.840 min Scan# 11

Delta R.T. -0.004 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 94 Resp: 154228

Ion Ratio Lower Upper

94 100

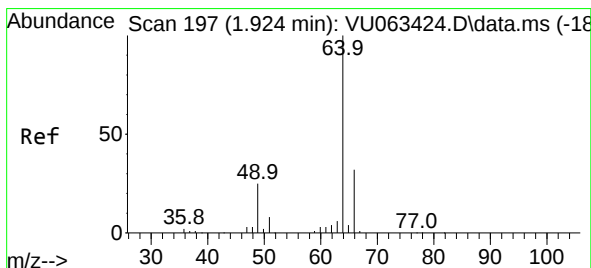
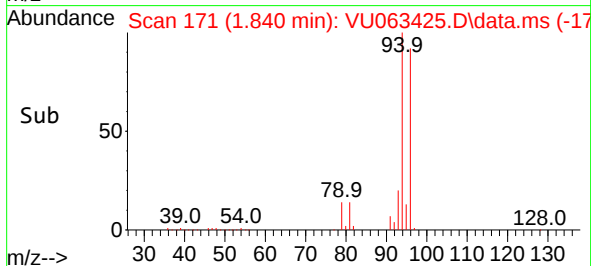
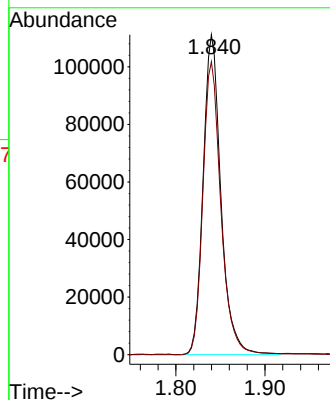
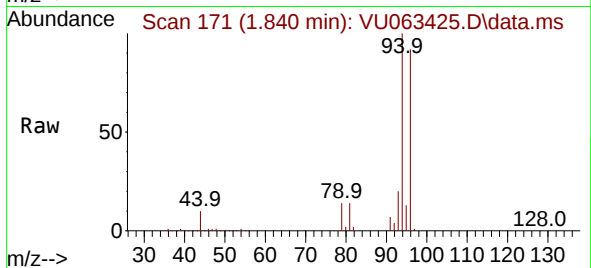
96 91.6 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 14.383 ug/l

RT: 1.920 min Scan# 196

Delta R.T. -0.004 min

Lab File: VU063425.D

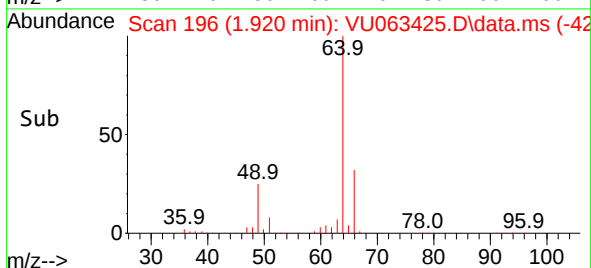
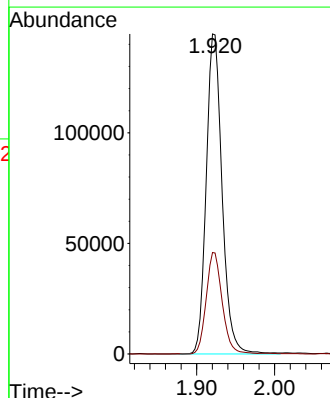
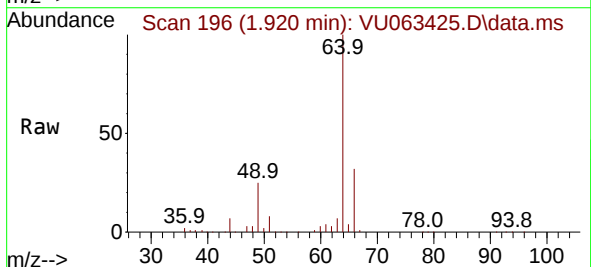
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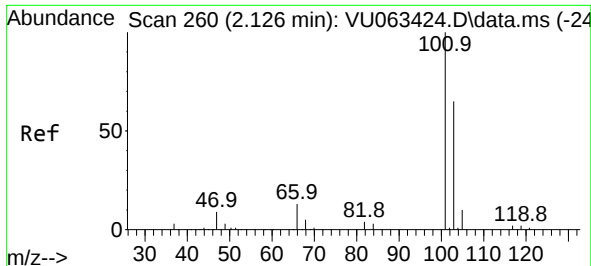
Tgt Ion: 64 Resp: 205002

Ion Ratio Lower Upper

64 100

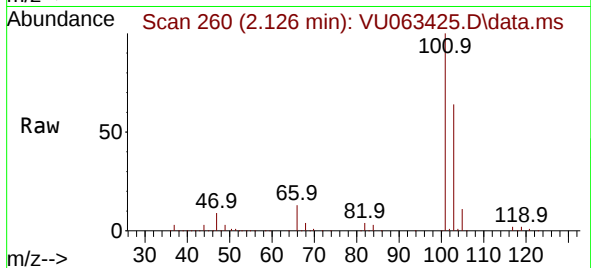
66 31.7 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 15.000 ug/l
 RT: 2.126 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VU063425.D
 Acq: 23 Jun 2025 13:05

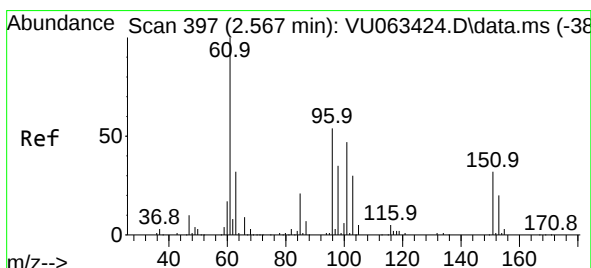
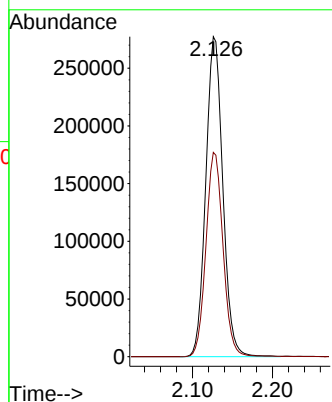
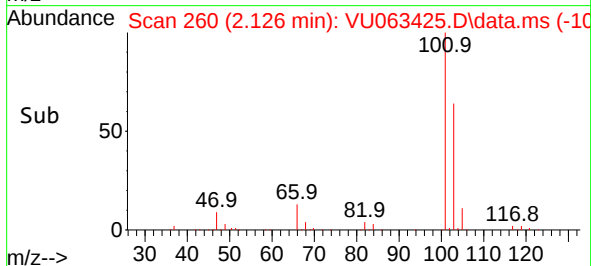
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



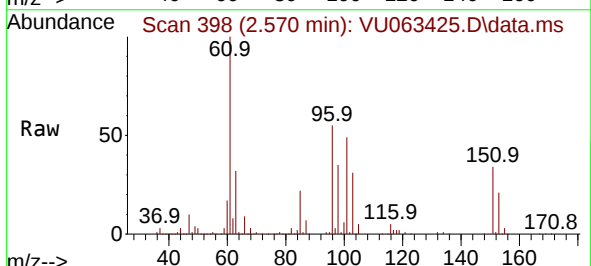
Tgt Ion:101 Resp: 41163
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5

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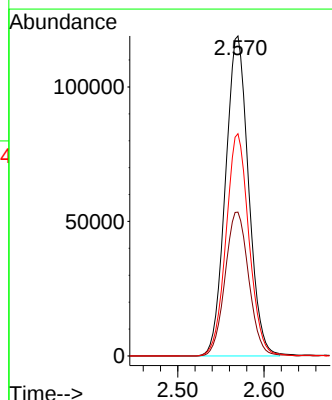
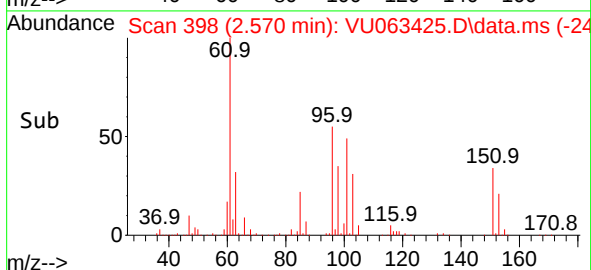
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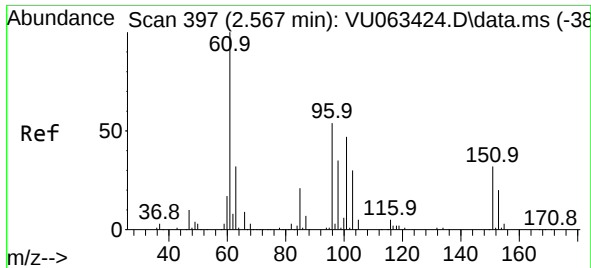


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.066 ug/l m
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063425.D
 Acq: 23 Jun 2025 13:05



Tgt Ion:101 Resp: 220192
 Ion Ratio Lower Upper
 101 100
 85 46.2 36.7 55.1
 151 69.1 53.9 80.9





#9

1,1-Dichloroethene

Concen: 15.114 ug/l

RT: 2.567 min Scan# 397

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 96 Resp: 22042

Ion Ratio Lower Upper

96 100

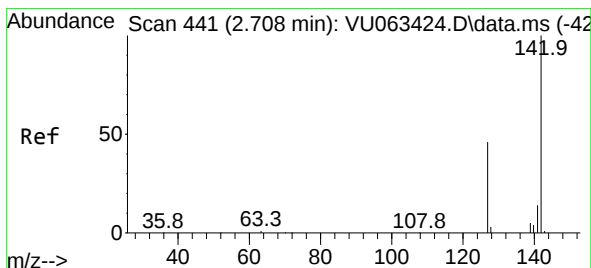
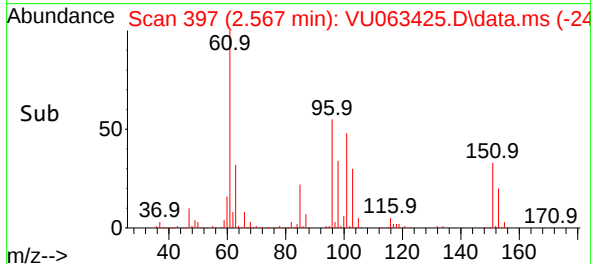
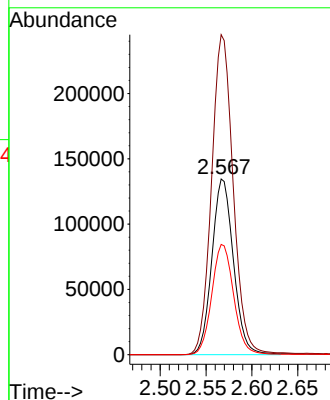
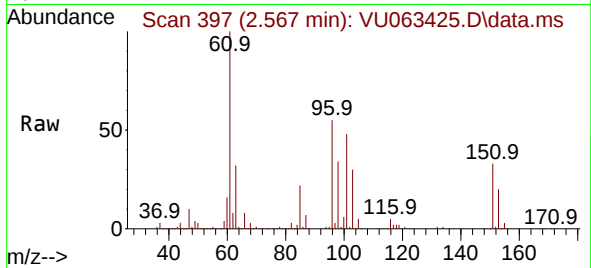
61 182.2 0.0 552.0

98 62.8 0.0 128.4

Manual Integrations

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#10

Iodomethane

Concen: 17.924 ug/l

RT: 2.708 min Scan# 441

Delta R.T. -0.000 min

Lab File: VU063425.D

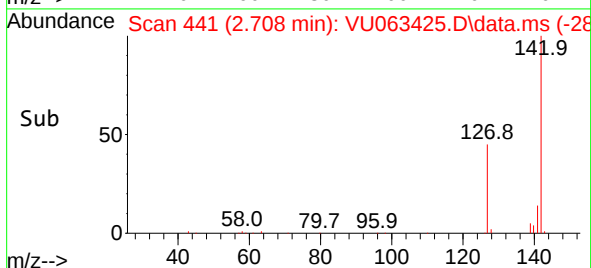
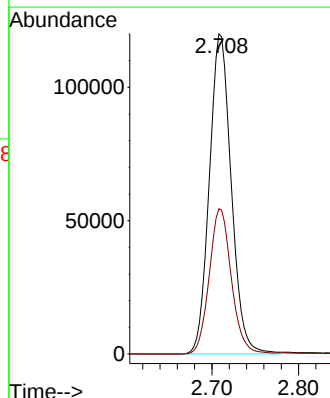
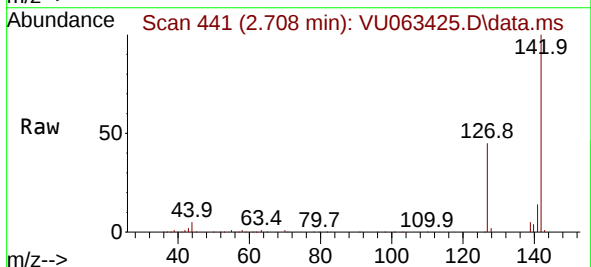
Acq: 23 Jun 2025 13:05

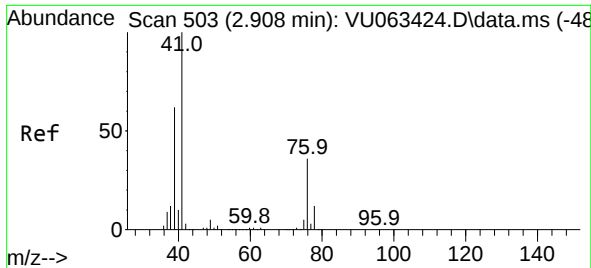
Tgt Ion:142 Resp: 211003

Ion Ratio Lower Upper

142 100

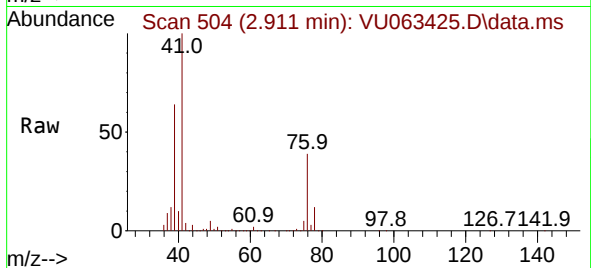
127 45.7 36.9 55.3





#11
 Allyl Chloride
 Concen: 14.902 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063425.D
 Acq: 23 Jun 2025 13:05

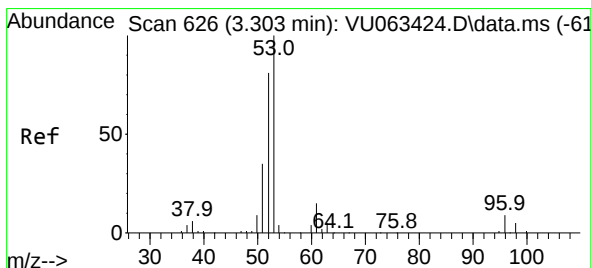
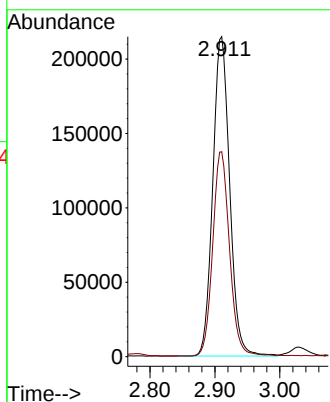
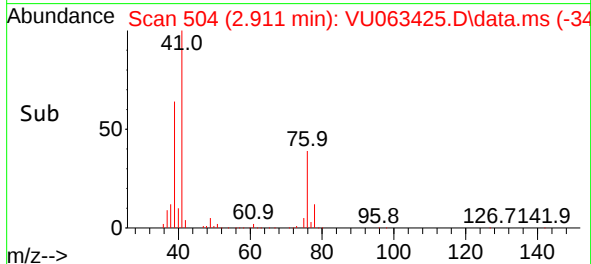
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



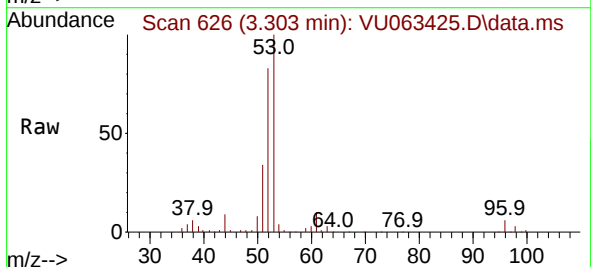
Tgt Ion: 41 Resp: 38712
 Ion Ratio Lower Upper
 41 100
 39 63.7 50.3 75.5

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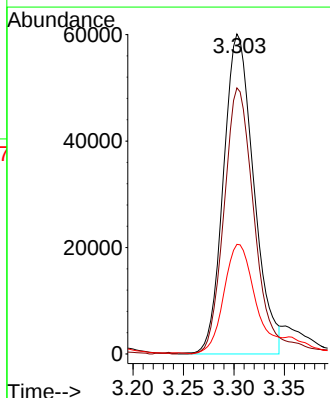
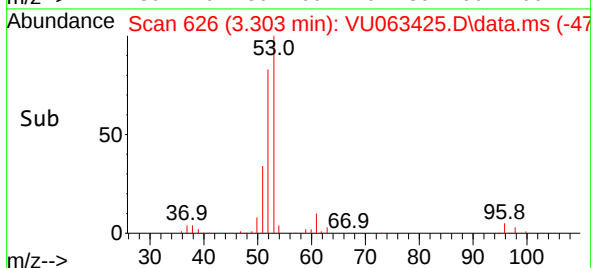
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

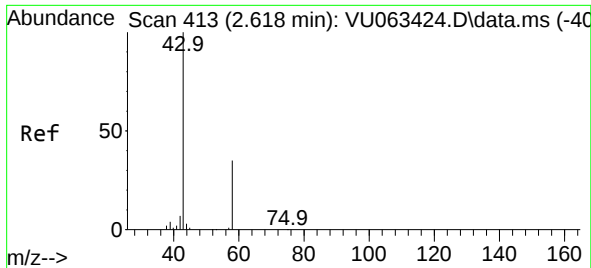


#12
 Acrylonitrile
 Concen: 29.902 ug/l m
 RT: 3.303 min Scan# 626
 Delta R.T. -0.000 min
 Lab File: VU063425.D
 Acq: 23 Jun 2025 13:05



Tgt Ion: 53 Resp: 126007
 Ion Ratio Lower Upper
 53 100
 52 84.8 62.8 94.2
 51 35.9 26.2 39.4





#13

Acetone

Concen: 75.787 ug/l

RT: 2.618 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 379532

Ion Ratio Lower Upper

43 100

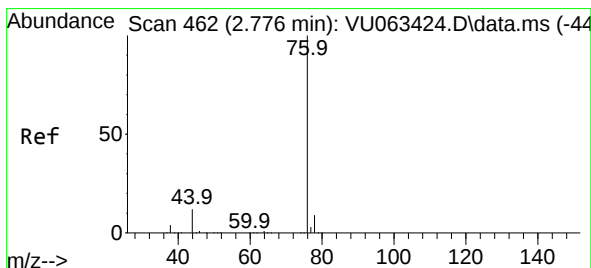
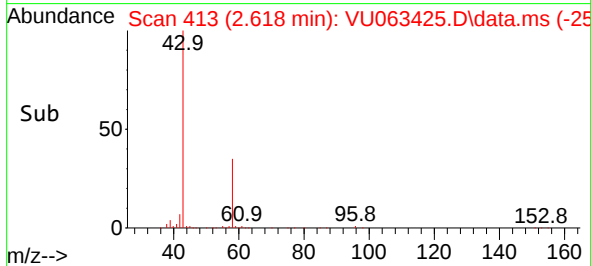
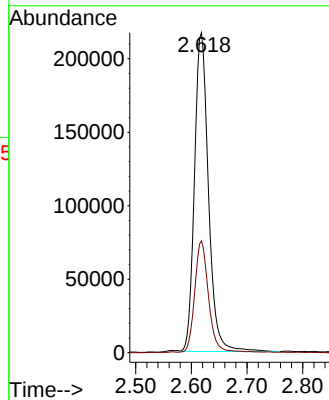
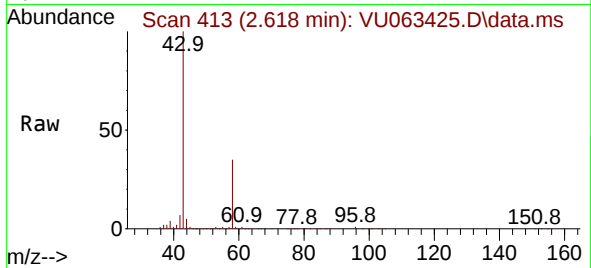
58 34.9 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#14

Carbon Disulfide

Concen: 14.929 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063425.D

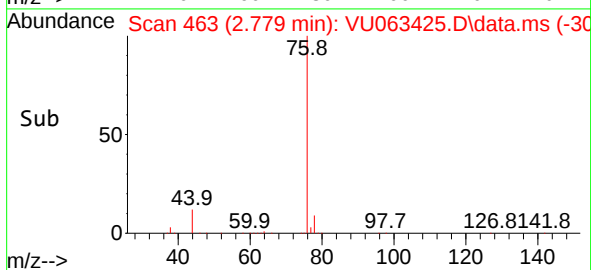
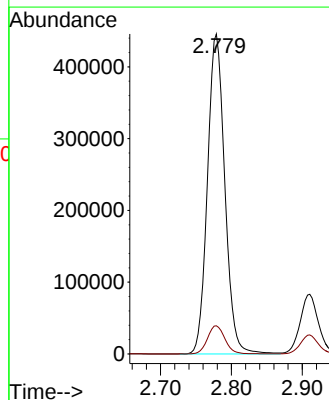
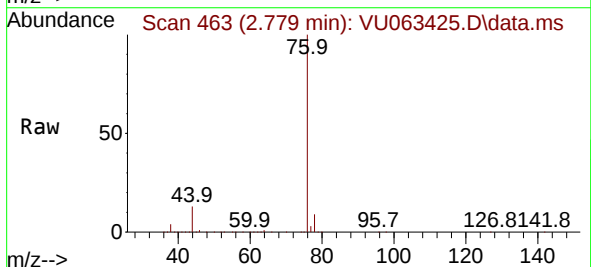
Acq: 23 Jun 2025 13:05

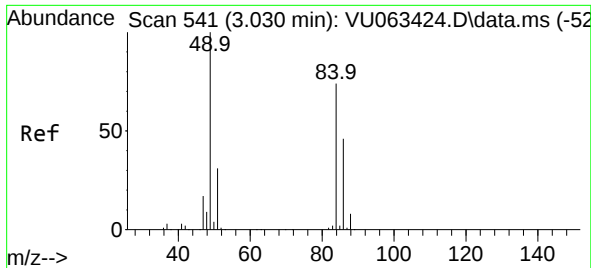
Tgt Ion: 76 Resp: 759256

Ion Ratio Lower Upper

76 100

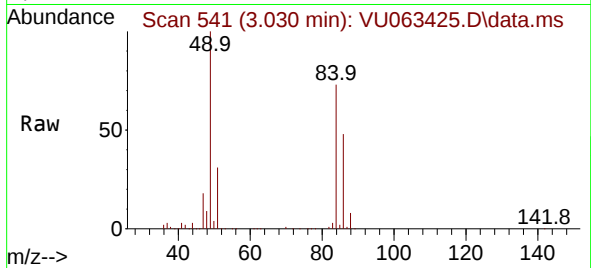
78 8.8 6.9 10.3





#15
Methylene Chloride
Concen: 14.419 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

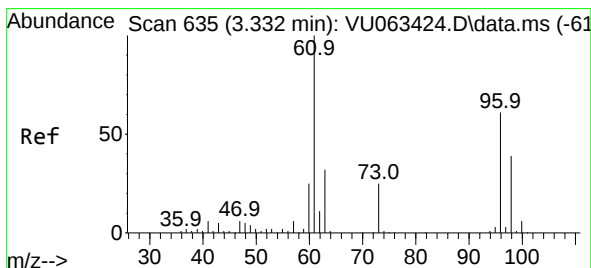
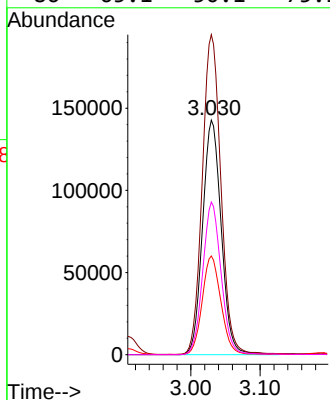
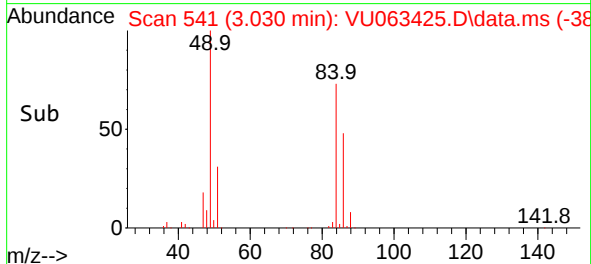
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



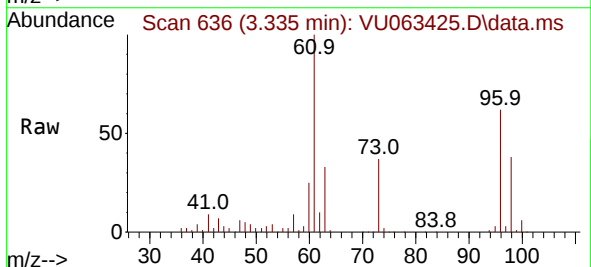
Tgt Ion: 84 Resp: 266549
Ion Ratio Lower Upper
84 100
49 136.3 108.7 163.1
51 42.0 0.0 83.8
86 65.1 50.1 75.1

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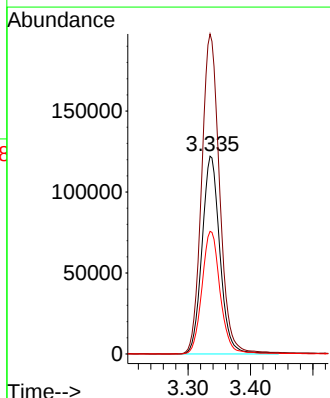
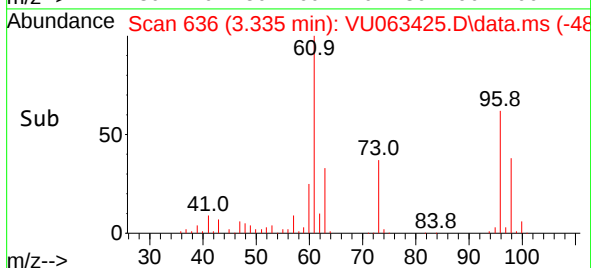
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

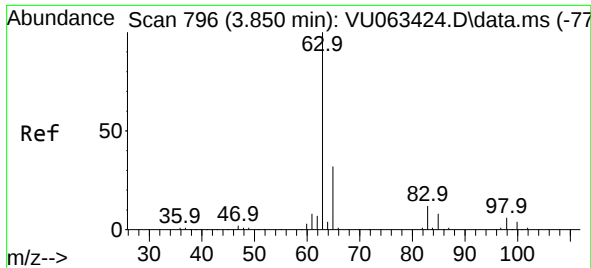


#16
trans-1,2-Dichloroethene
Concen: 14.847 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05



Tgt Ion: 96 Resp: 243631
Ion Ratio Lower Upper
96 100
61 161.6 132.1 198.1
98 61.9 51.0 76.4





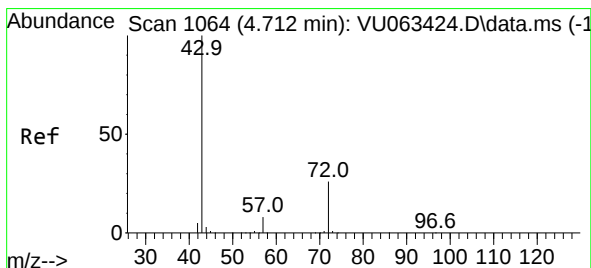
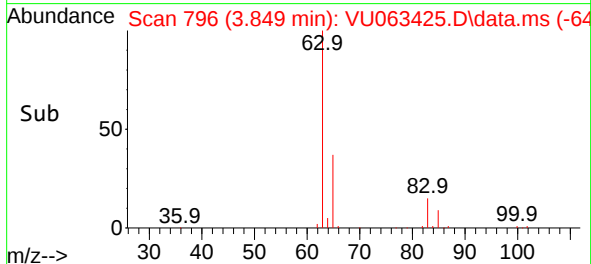
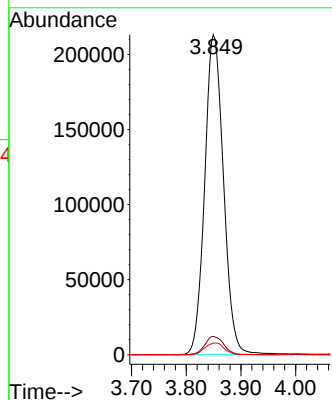
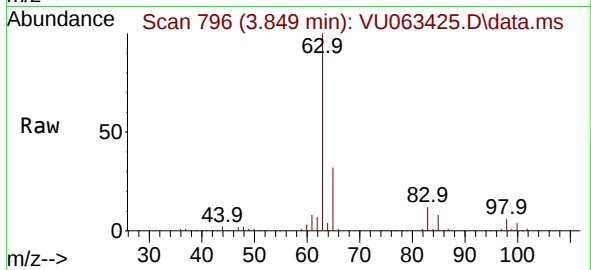
#17
1,1-Dichloroethane
Concen: 14.797 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 63 Resp: 50983
Ion Ratio Lower Upper
63 100
98 5.7 2.8 8.4
100 3.6 1.9 5.7

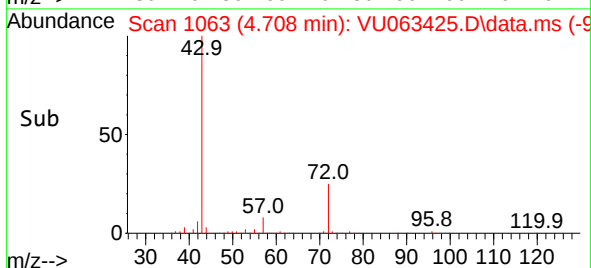
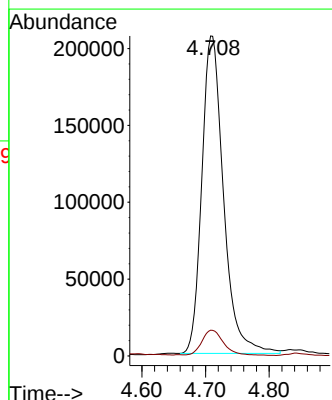
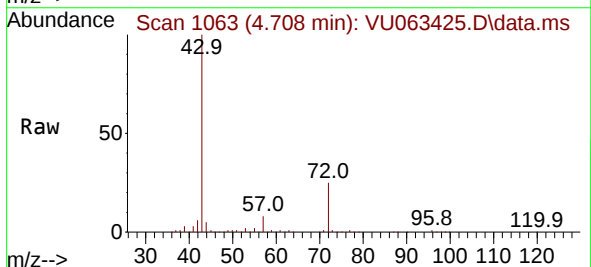
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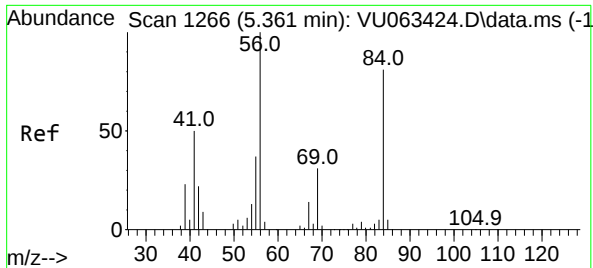
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#18
2-Butanone
Concen: 83.335 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.004 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion: 43 Resp: 490050
Ion Ratio Lower Upper
43 100
57 7.8 0.0 16.0





#19

Cyclohexane

Concen: 16.313 ug/l

RT: 5.364 min Scan# 1266

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 56 Resp: 42524

Ion Ratio Lower Upper

56 100

69 31.7 26.4 39.6

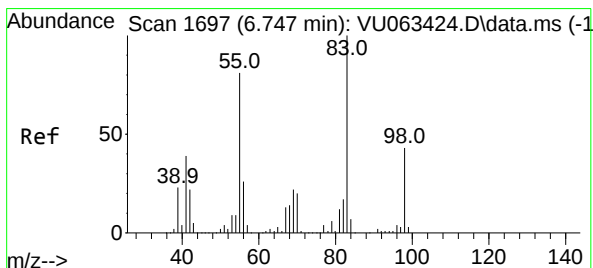
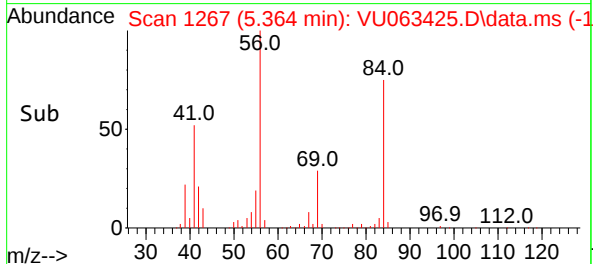
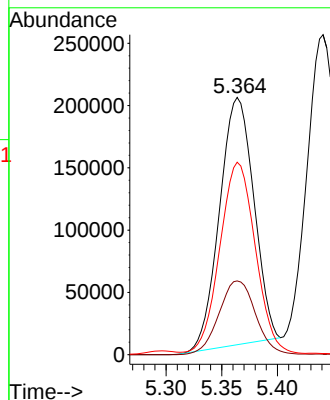
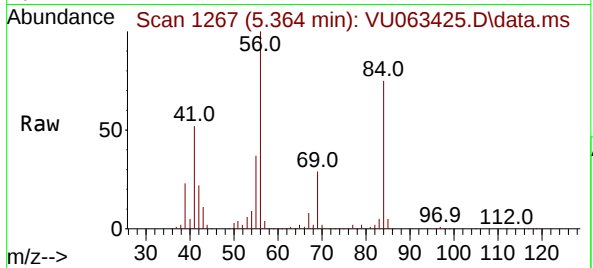
84 79.2 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#20

Methylcyclohexane

Concen: 17.635 ug/l m

RT: 6.746 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

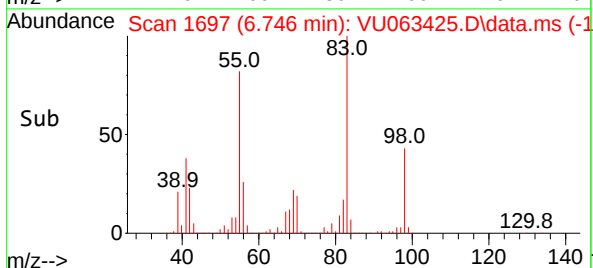
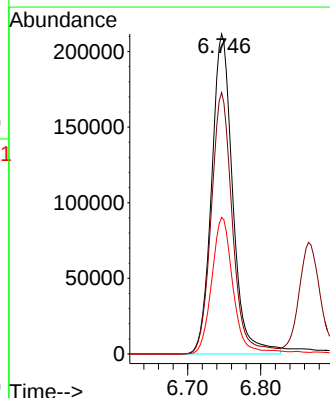
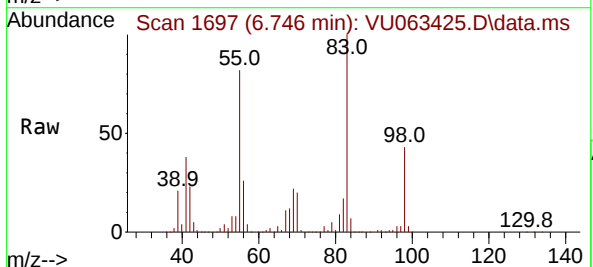
Tgt Ion: 83 Resp: 424768

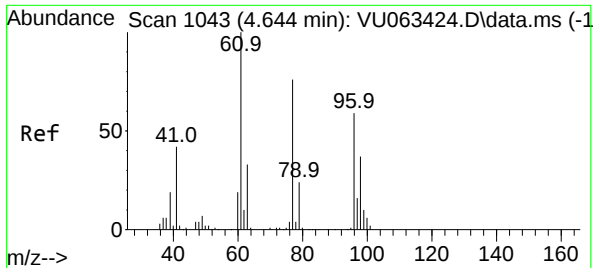
Ion Ratio Lower Upper

83 100

55 78.8 63.5 95.3

98 40.5 34.2 51.4





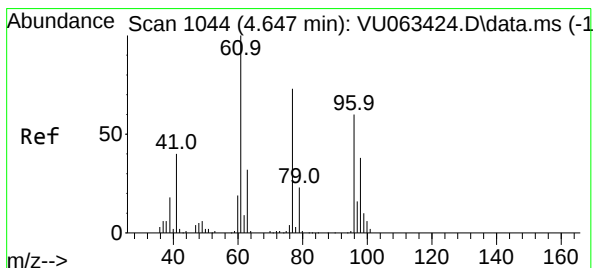
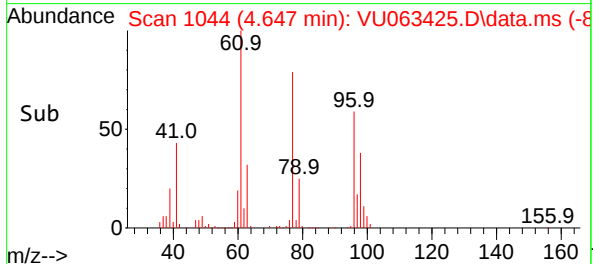
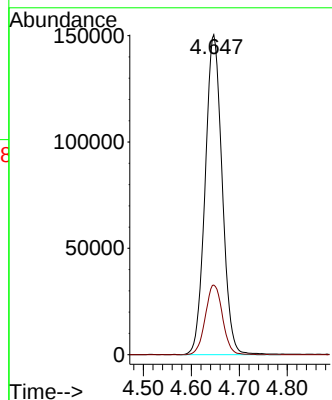
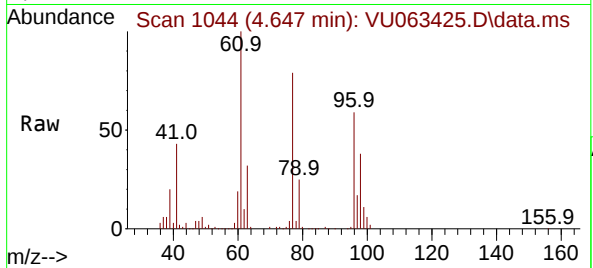
#21
2,2-Dichloropropane
Concen: 15.119 ug/l
RT: 4.647 min Scan# 1043
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 77 Resp: 37026
Ion Ratio Lower Upper
77 100
97 22.0 17.2 25.8

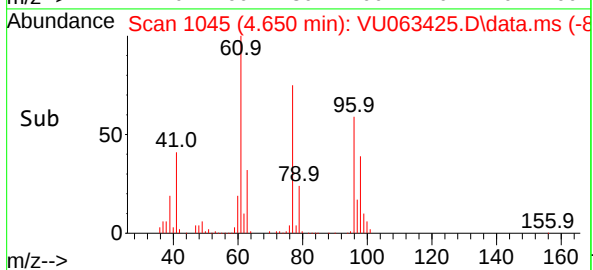
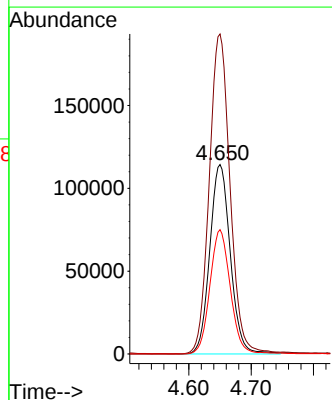
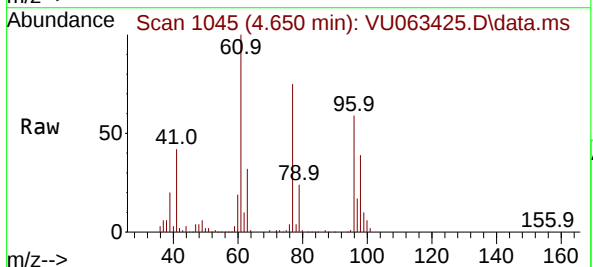
Manual Integrations
APPROVED

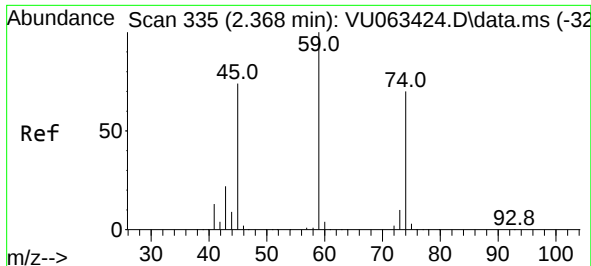
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#22
cis-1,2-Dichloroethene
Concen: 14.616 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

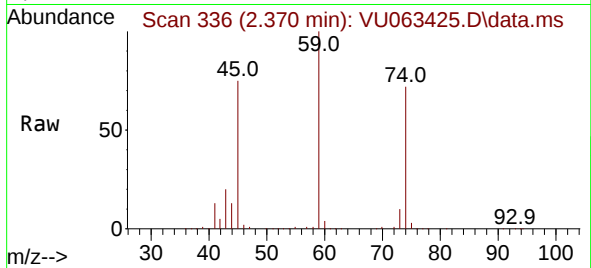
Tgt Ion: 96 Resp: 261791
Ion Ratio Lower Upper
96 100
61 170.3 0.0 434.3
98 65.1 31.9 95.7





#23
Diethyl Ether
Concen: 15.423 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

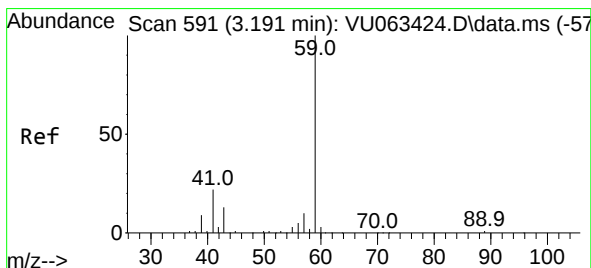
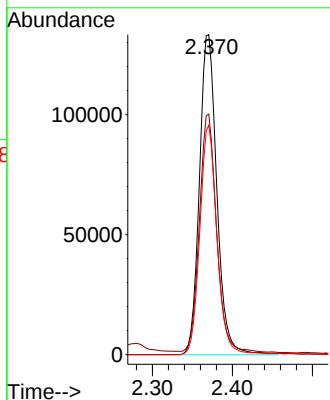
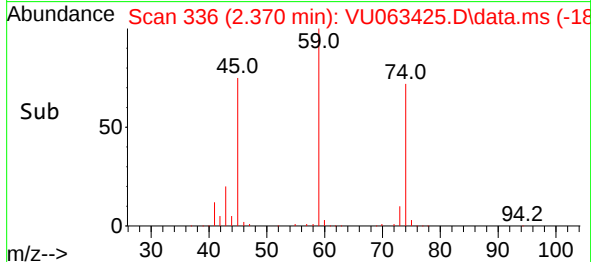
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 59 Resp: 202958
Ion Ratio Lower Upper
59 100
45 73.6 60.7 91.1
74 70.2 55.8 83.6

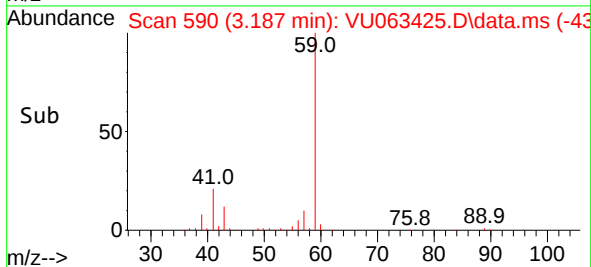
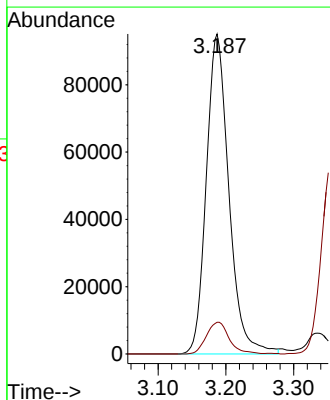
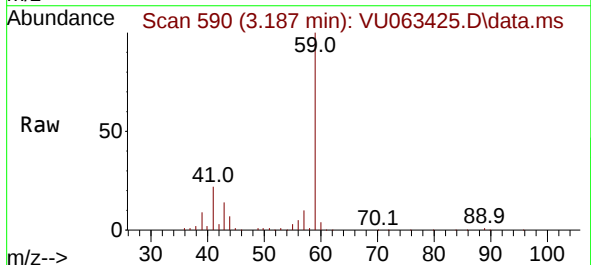
Manual Integrations
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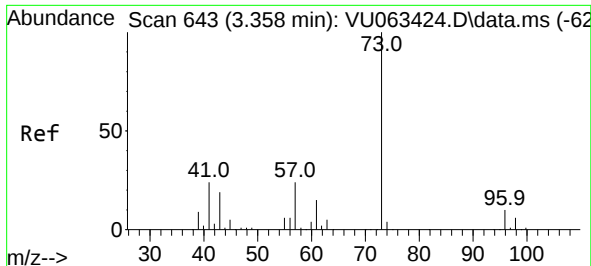
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#24
tert-Butyl Alcohol
Concen: 158.795 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.004 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

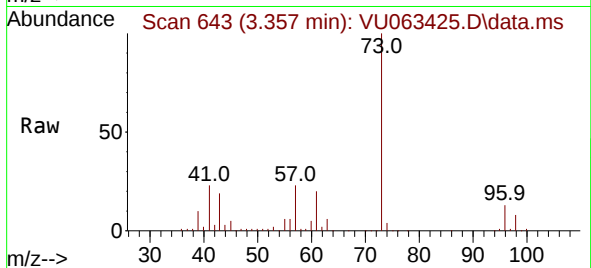
Tgt Ion: 59 Resp: 220125
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8





#25
Methyl tert-Butyl Ether
Concen: 15.482 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.001 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

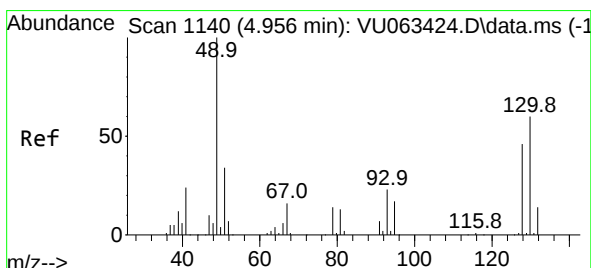
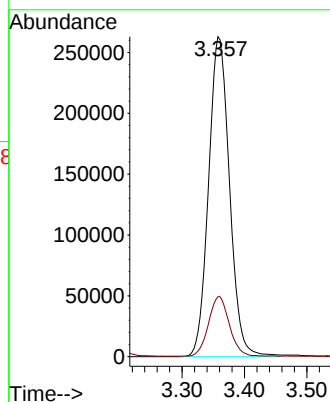
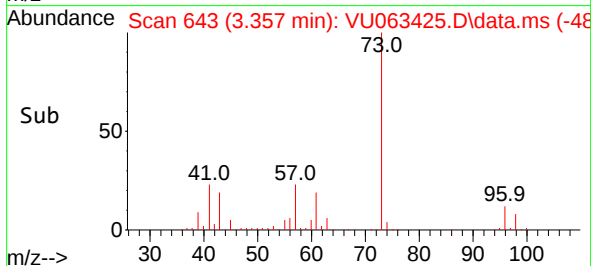
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 73 Resp: 614070
Ion Ratio Lower Upper
73 100
43 18.6 15.1 22.7

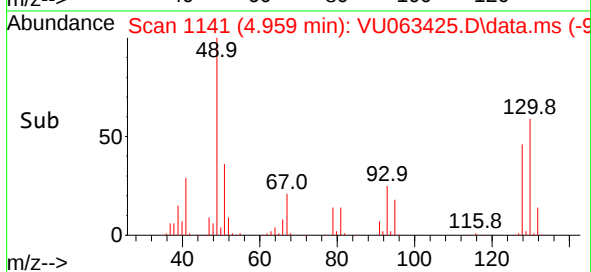
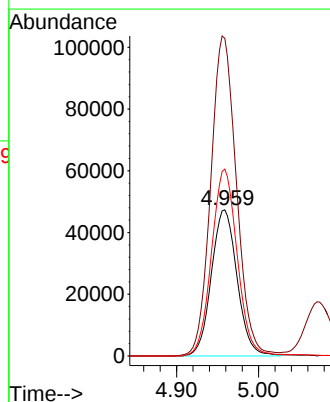
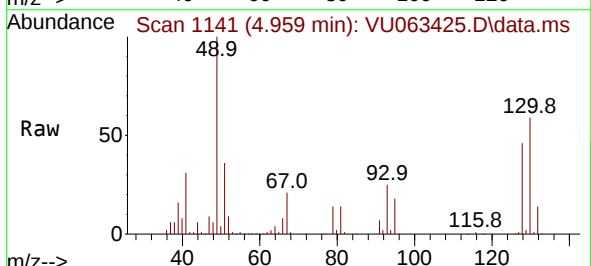
Manual Integrations
APPROVED

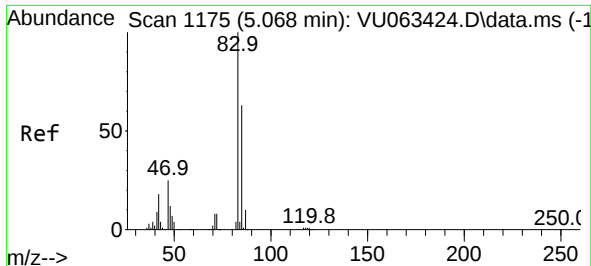
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#26
Bromochloromethane
Concen: 14.815 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion:128 Resp: 103279
Ion Ratio Lower Upper
128 100
49 218.7 0.0 441.2
130 128.0 102.3 153.5





#27

Chloroform

Concen: 14.538 ug/l

RT: 5.074 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 469579

Ion Ratio Lower Upper

83 100

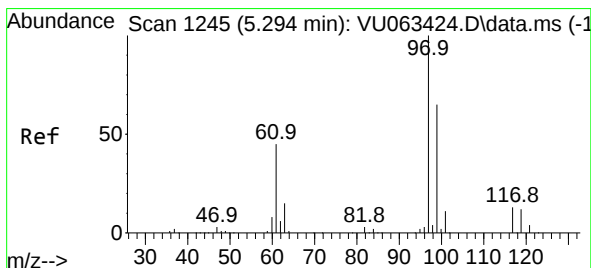
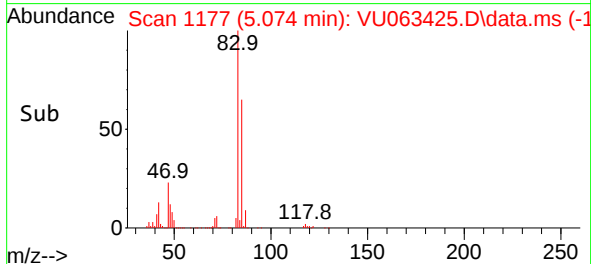
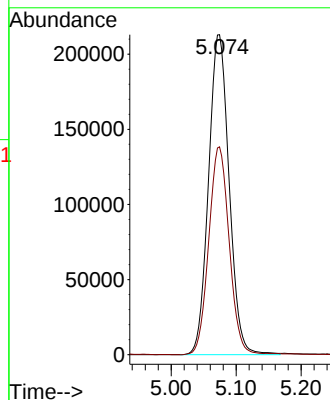
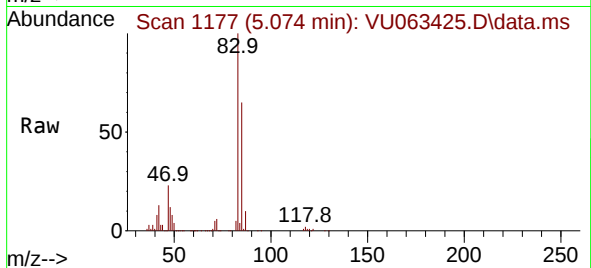
85 64.9 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#28

1,1,1-Trichloroethane

Concen: 14.703 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

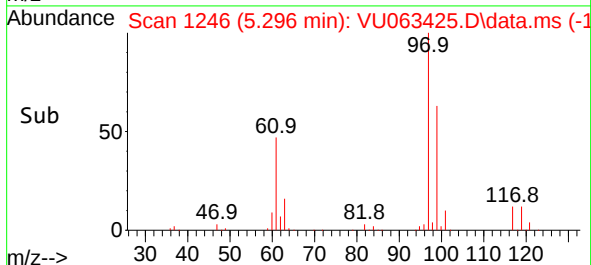
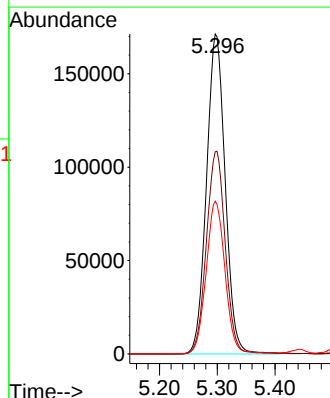
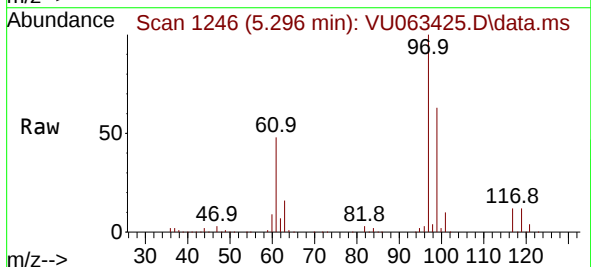
Tgt Ion: 97 Resp: 385099

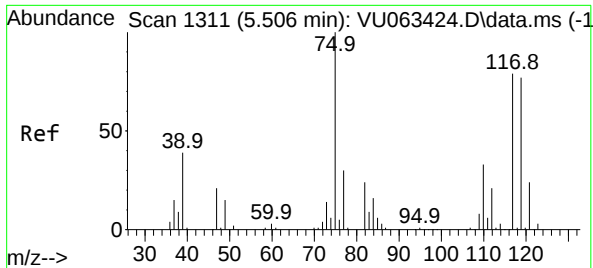
Ion Ratio Lower Upper

97 100

99 64.1 31.9 95.5

61 48.0 22.9 68.7





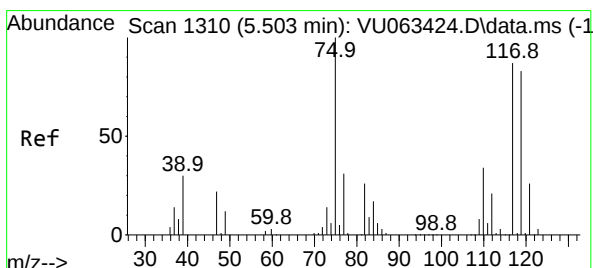
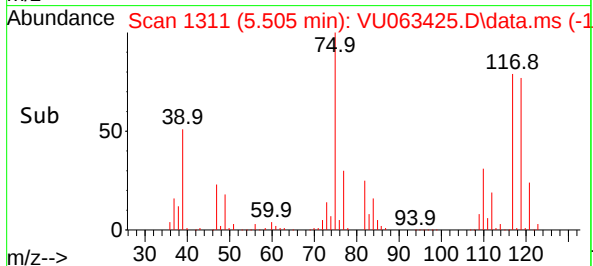
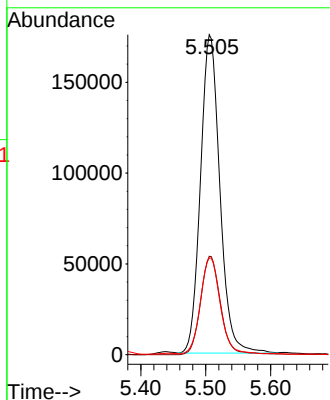
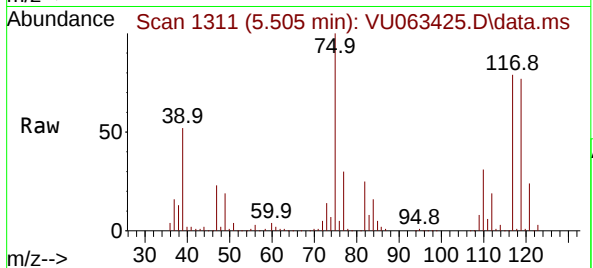
#29
1,1-Dichloropropene
Concen: 15.253 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.001 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 75 Resp: 364930
Ion Ratio Lower Upper
75 100
110 31.3 17.4 52.2
77 30.3 25.4 38.0

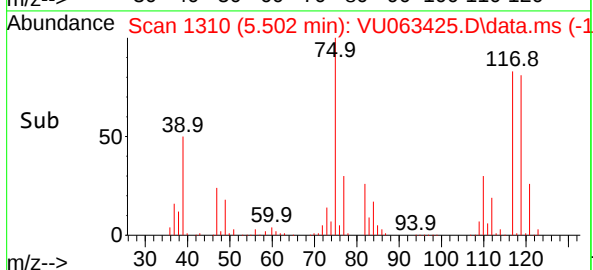
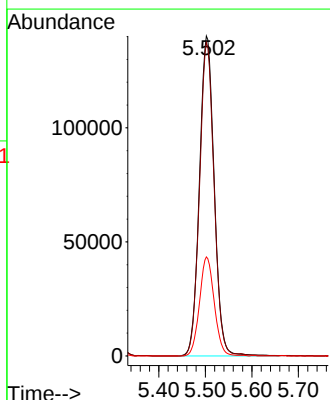
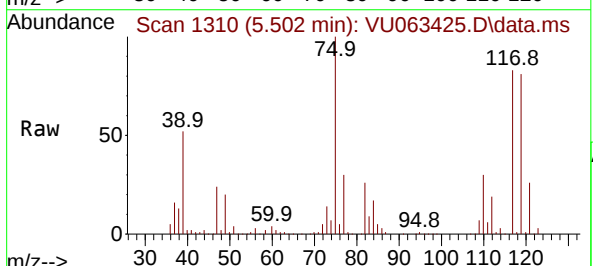
Manual Integrations
APPROVED

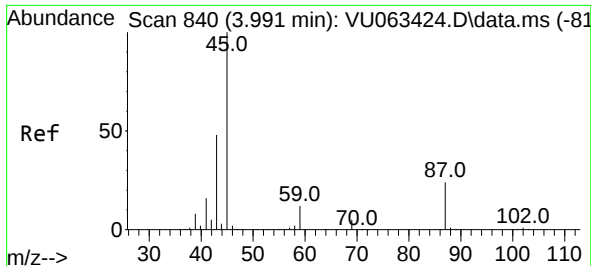
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30
Carbon Tetrachloride
Concen: 14.796 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

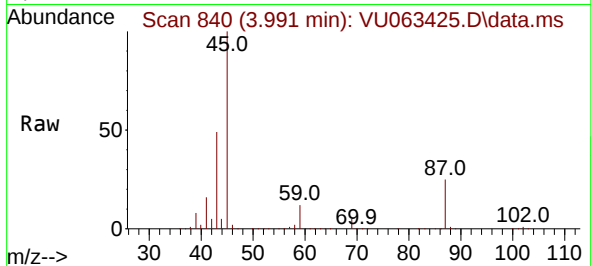
Tgt Ion:117 Resp: 309522
Ion Ratio Lower Upper
117 100
119 97.9 76.7 115.1
121 31.0 24.3 36.5





#31
Isopropyl Ether
Concen: 14.841 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

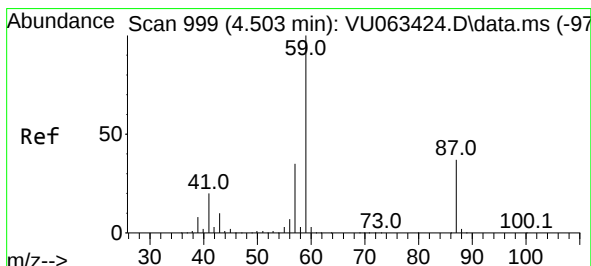
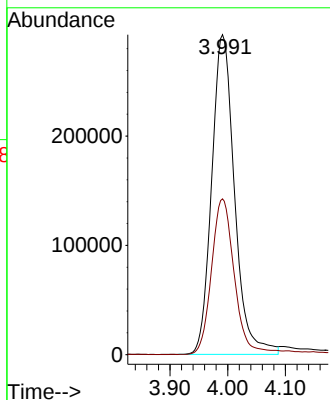
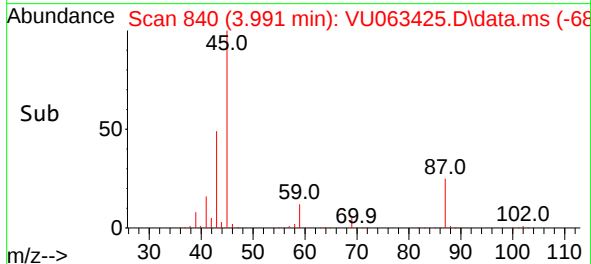
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



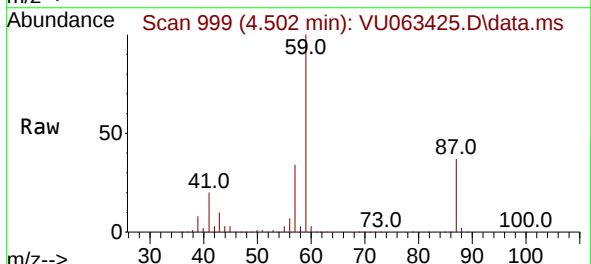
Tgt Ion: 45 Resp: 80359
Ion Ratio Lower Upper
45 100
43 48.8 23.8 71.5

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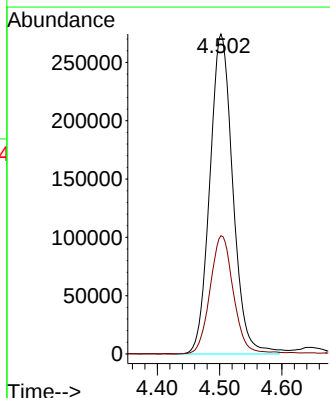
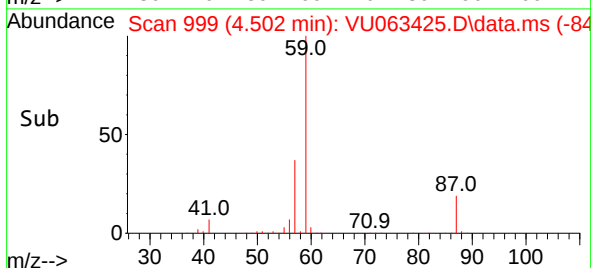
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

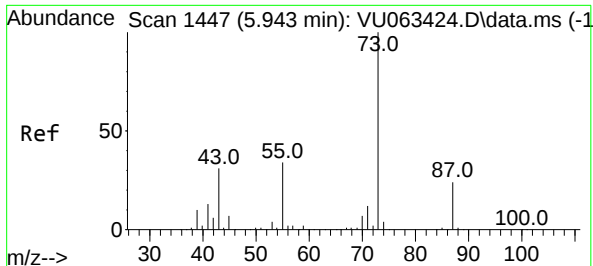


#32
Ethyl-t-butyl ether
Concen: 15.428 ug/l m
RT: 4.502 min Scan# 999
Delta R.T. -0.001 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05



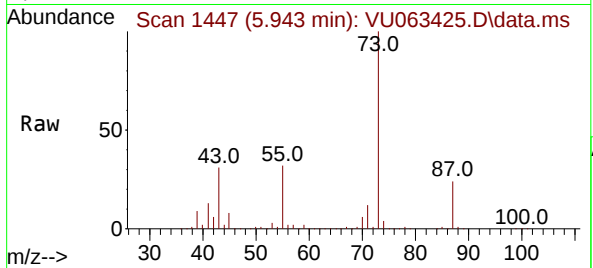
Tgt Ion: 59 Resp: 703516
Ion Ratio Lower Upper
59 100
87 36.2 29.9 44.9





#33
Tert-Amyl methyl ether
Concen: 17.293 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

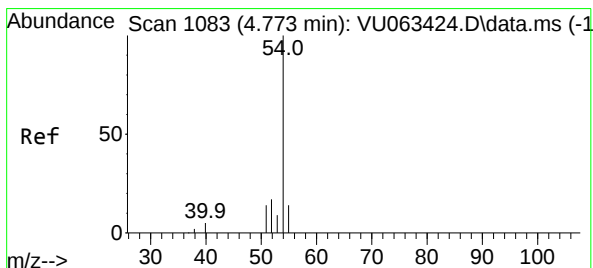
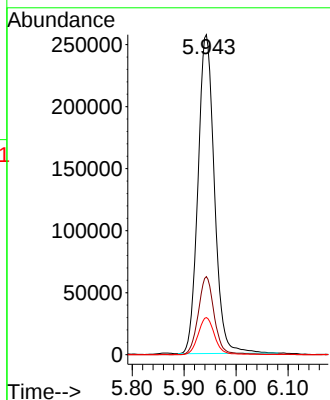
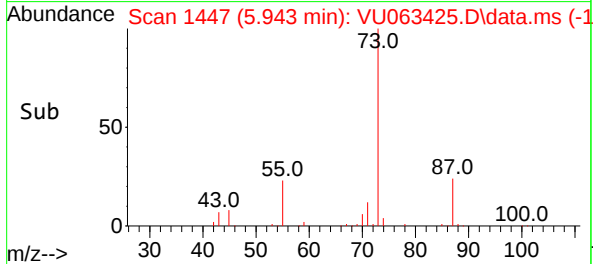
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 73 Resp: 56373
Ion Ratio Lower Upper
73 100
87 23.7 18.1 27.1
71 11.4 10.0 15.0

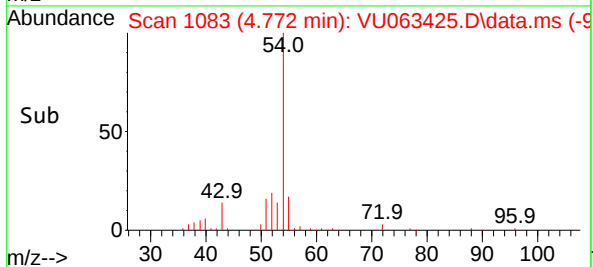
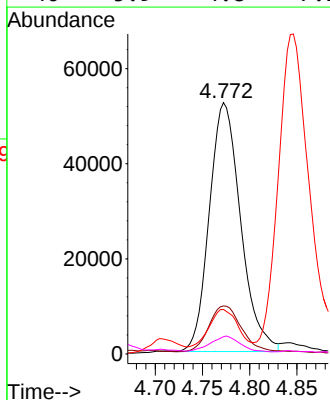
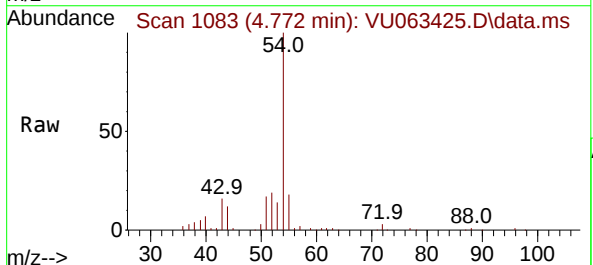
Manual Integrations
APPROVED

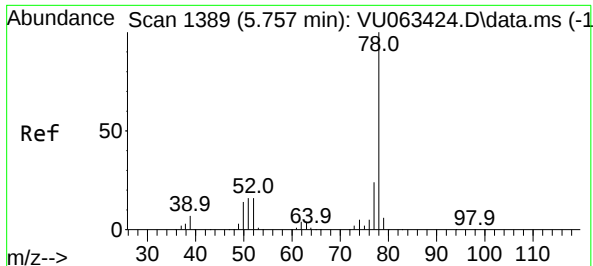
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#34
Propionitrile
Concen: 71.011 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion: 54 Resp: 120791
Ion Ratio Lower Upper
54 100
52 18.8 14.8 22.2
55 17.2 12.2 18.2
40 5.9 4.8 7.2





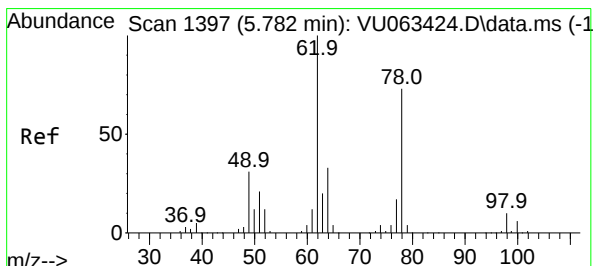
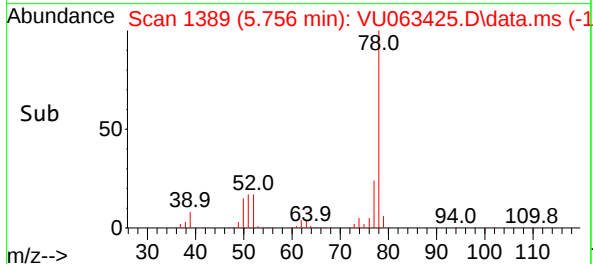
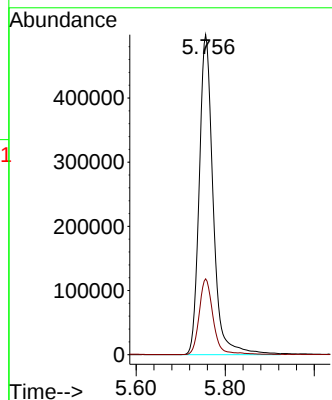
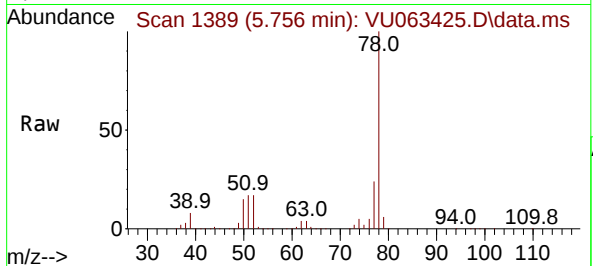
#35
Benzene
Concen: 14.970 ug/l
RT: 5.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 78 Resp: 1083494
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.2

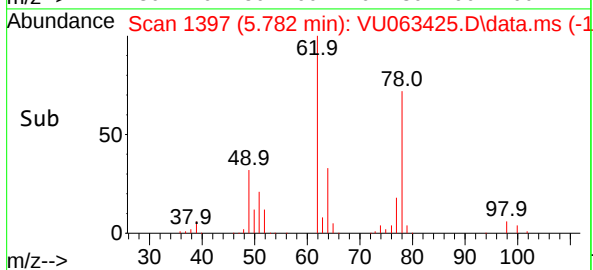
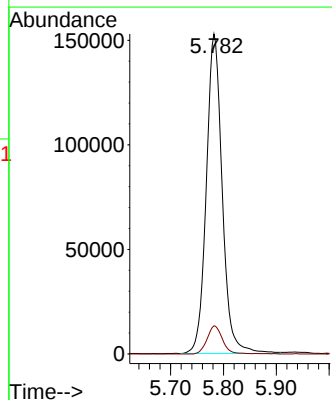
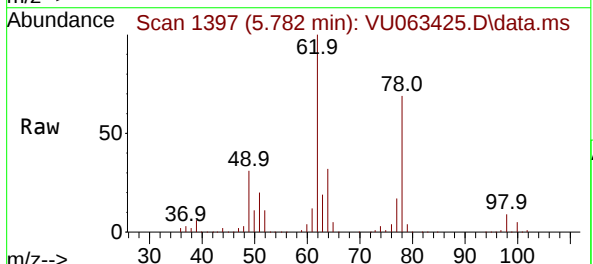
Manual Integrations
APPROVED

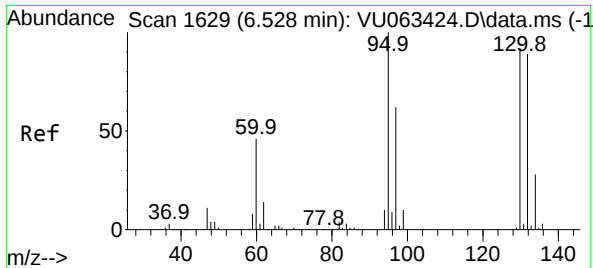
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#36
1,2-Dichloroethane
Concen: 15.139 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

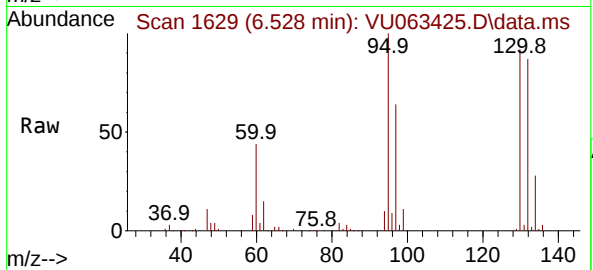
Tgt Ion: 62 Resp: 320302
Ion Ratio Lower Upper
62 100
98 8.5 7.1 10.7





#37
Trichloroethene
Concen: 15.488 ug/l
RT: 6.528 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

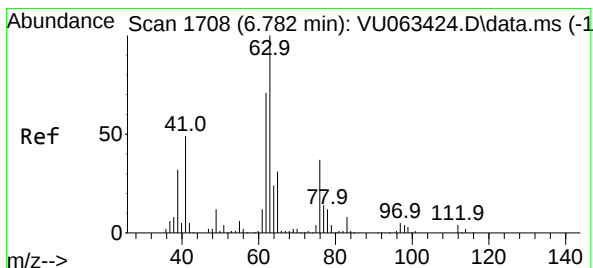
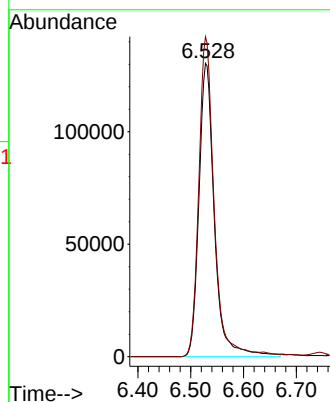
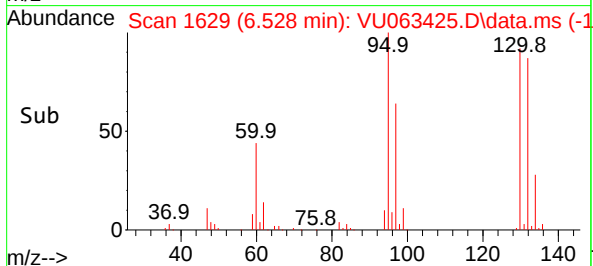
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:130 Resp: 264898
Ion Ratio Lower Upper
130 100
95 109.1 87.2 130.8

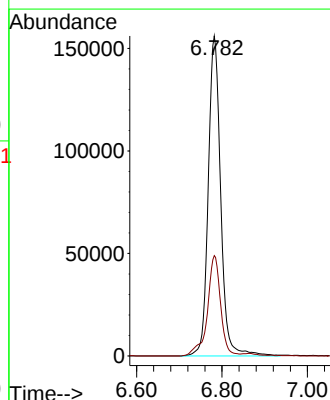
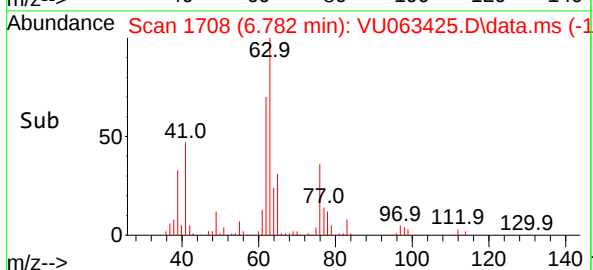
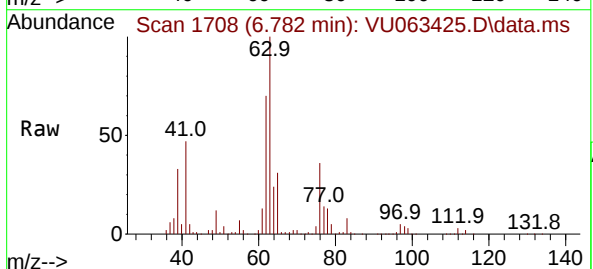
Manual Integrations
APPROVED

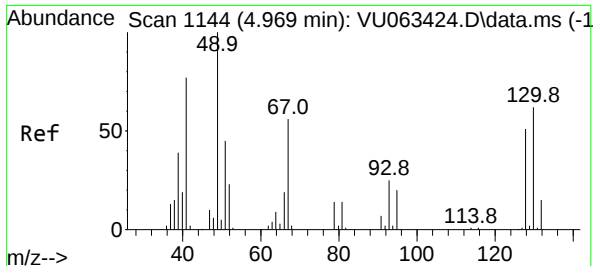
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#38
1,2-Dichloropropane
Concen: 15.828 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion: 63 Resp: 316392
Ion Ratio Lower Upper
63 100
65 31.3 25.0 37.6





#39

Methacrylonitrile

Concen: 14.497 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 102600

Ion Ratio Lower Upper

41 100

67 73.7 59.8 89.8

39 50.4 40.7 61.1

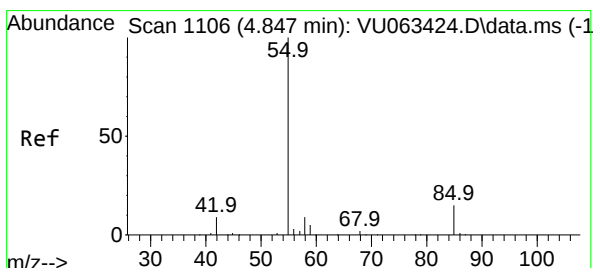
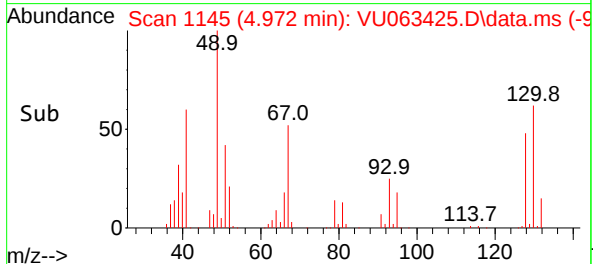
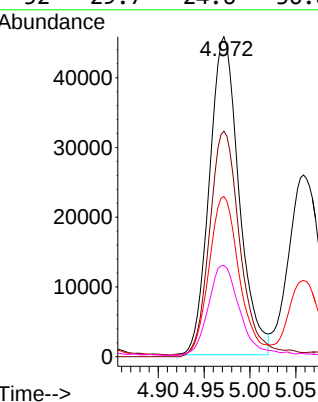
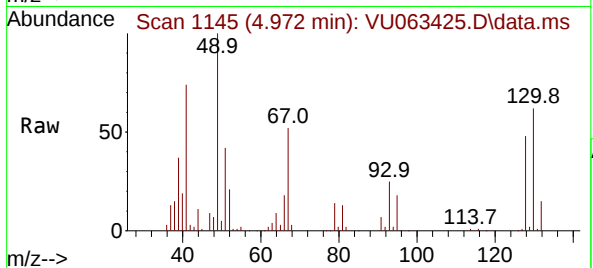
52 29.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#40

Methyl acrylate

Concen: 16.324 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Tgt Ion: 55 Resp: 162541

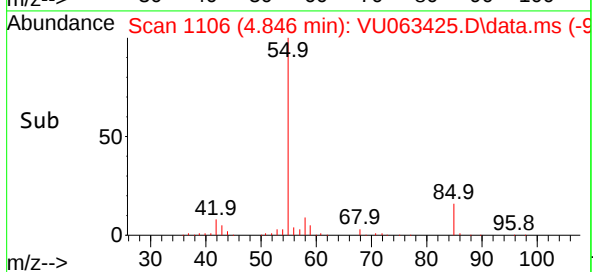
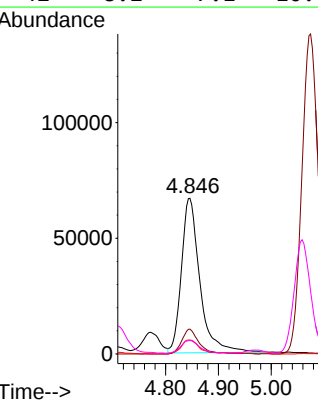
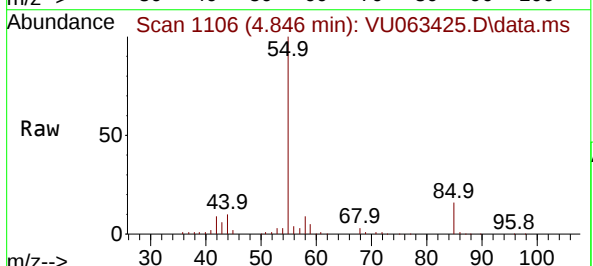
Ion Ratio Lower Upper

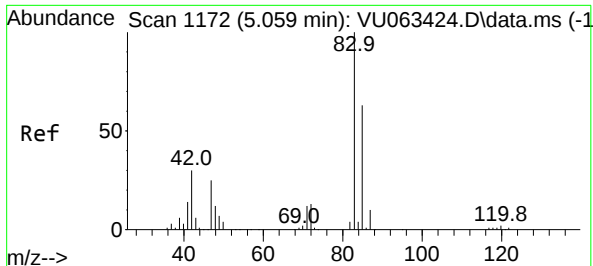
55 100

85 14.5 12.6 19.0

58 9.2 6.9 10.3

42 8.2 7.1 10.7





#41

Tetrahydrofuran

Concen: 28.267 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 42 Resp: 107618

Ion Ratio Lower Upper

42 100

72 45.1 35.4 53.2

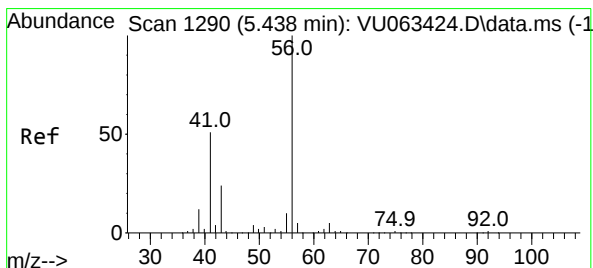
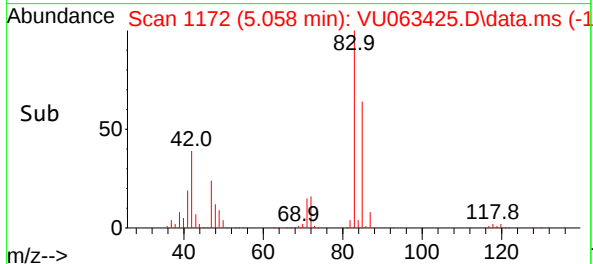
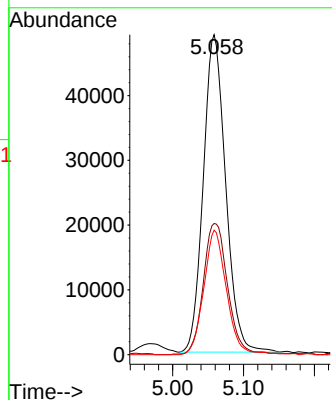
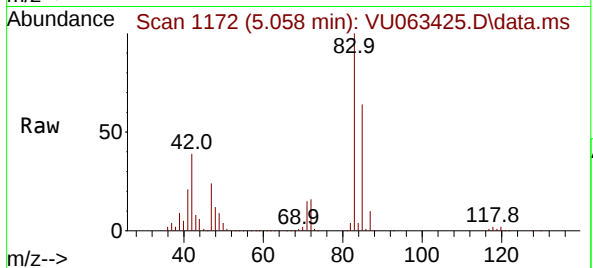
71 39.6 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#42

1-Chlorobutane

Concen: 16.141 ug/l

RT: 5.441 min Scan# 1291

Delta R.T. 0.003 min

Lab File: VU063425.D

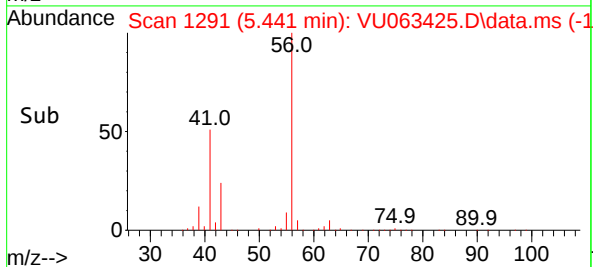
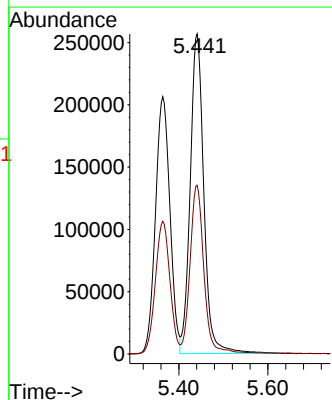
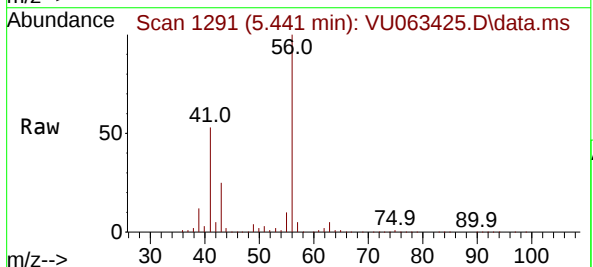
Acq: 23 Jun 2025 13:05

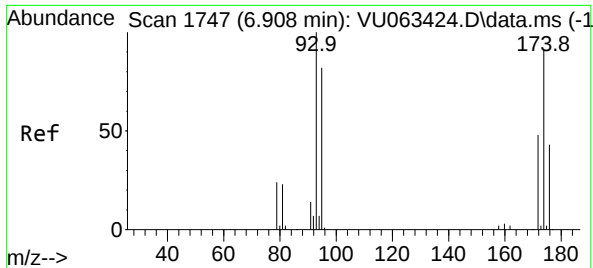
Tgt Ion: 56 Resp: 547855

Ion Ratio Lower Upper

56 100

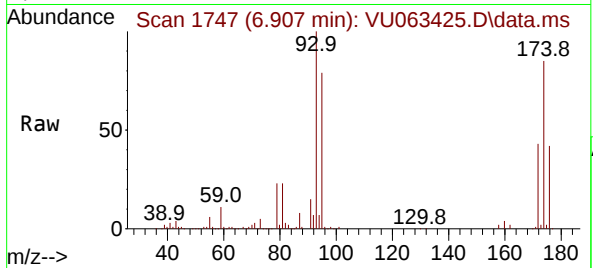
41 52.6 26.4 79.0





#43
Dibromomethane
Concen: 15.348 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. -0.001 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

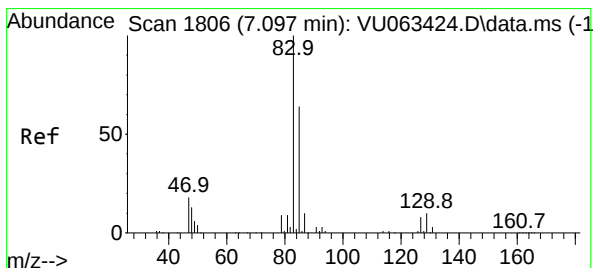
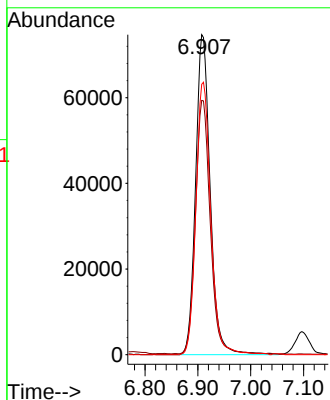
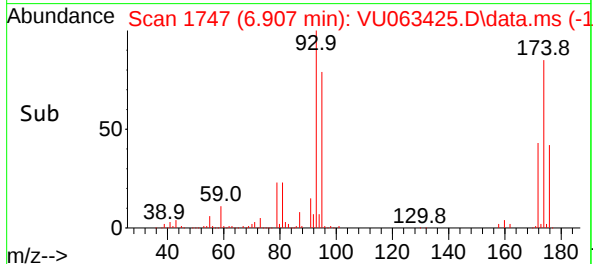
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



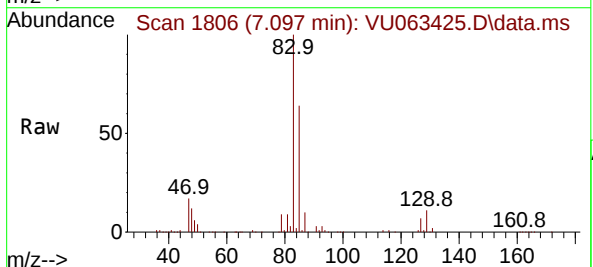
Tgt Ion: 93 Resp: 143318
Ion Ratio Lower Upper
93 100
95 79.8 66.7 100.1
174 86.0 71.1 106.7

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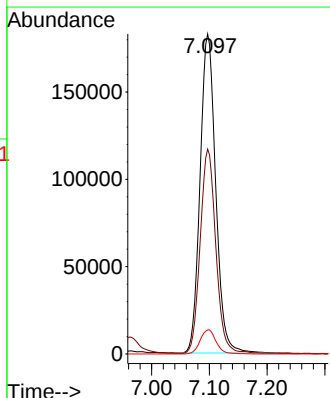
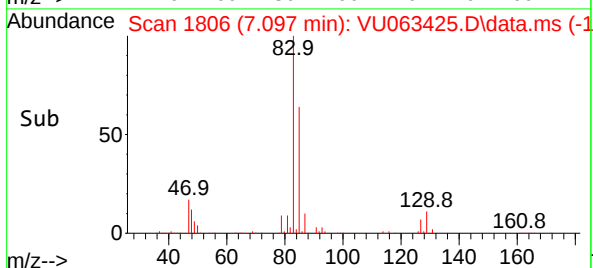
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

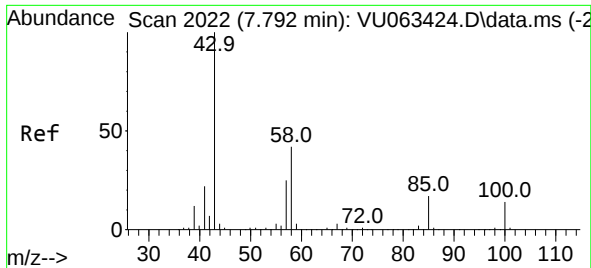


#44
Bromodichloromethane
Concen: 15.096 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05



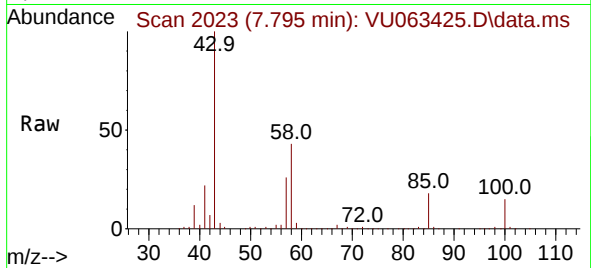
Tgt Ion: 83 Resp: 343381
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.2
127 7.5 6.6 10.0





#45
4-Methyl-2-Pentanone
Concen: 87.043 ug/l
RT: 7.795 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

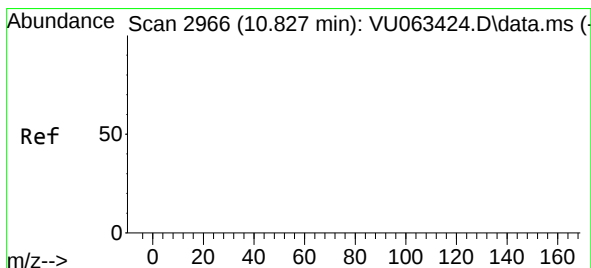
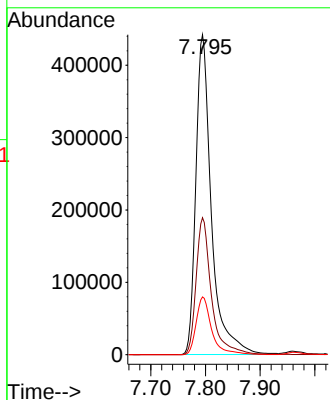
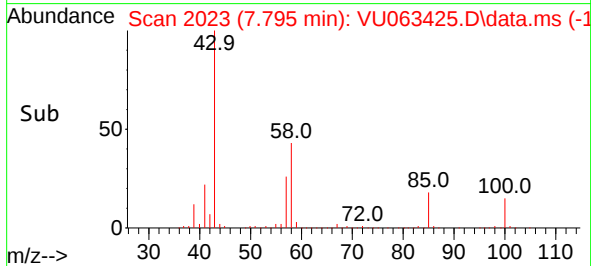
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 872495
Ion Ratio Lower Upper
43 100
58 42.2 20.5 61.6
85 18.0 14.2 21.2

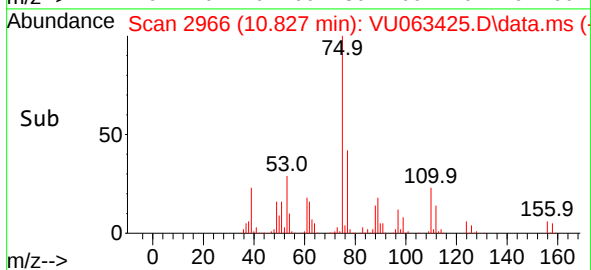
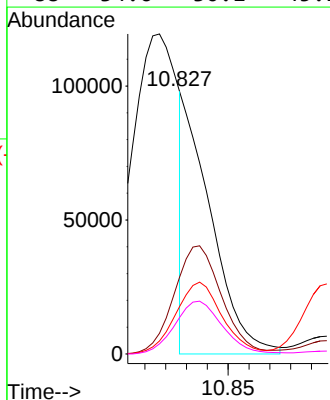
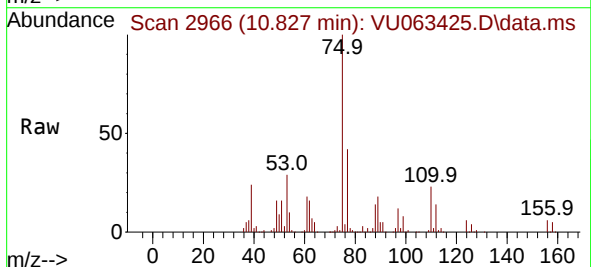
Manual Integrations
APPROVED

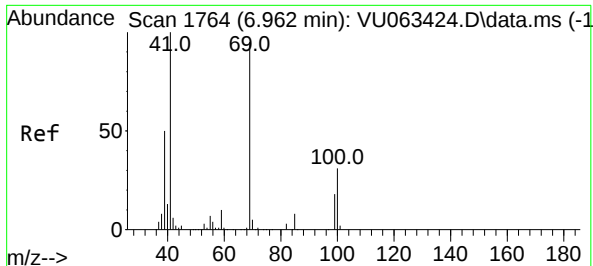
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#46
t-1,4-Dichloro-2-butene
Concen: 28.361 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion: 75 Resp: 90745
Ion Ratio Lower Upper
75 100
53 70.7 61.4 92.2
89 46.2 39.2 58.8
88 34.6 30.1 45.1





#47

Methyl methacrylate

Concen: 30.195 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 69 Resp: 272864

Ion Ratio Lower Upper

69 100

41 105.8 0.0 212.6

39 54.5 40.6 61.0

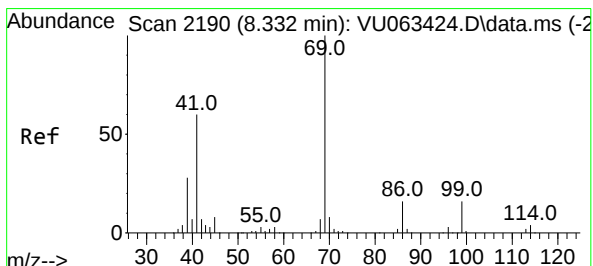
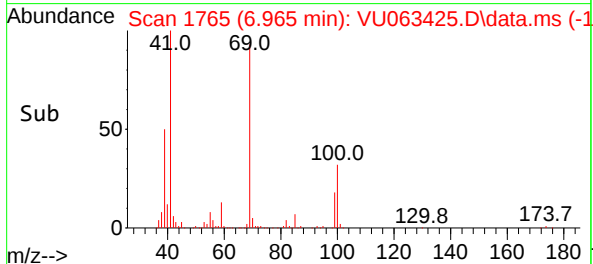
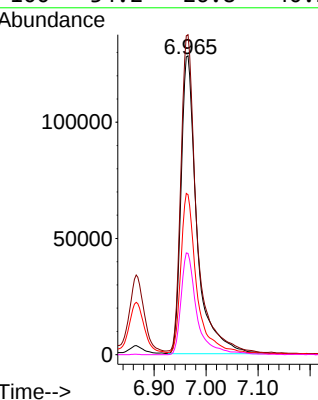
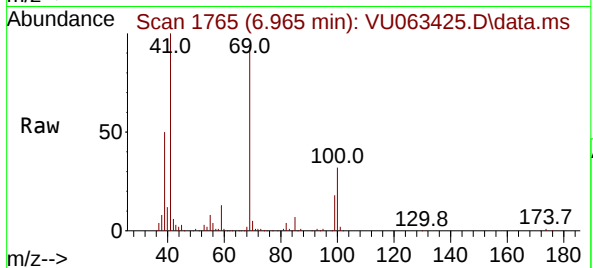
100 34.2 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#48

Ethyl methacrylate

Concen: 14.986 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU063425.D

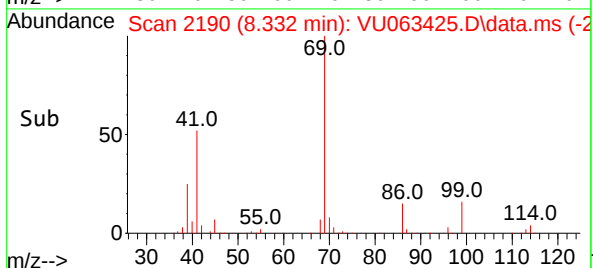
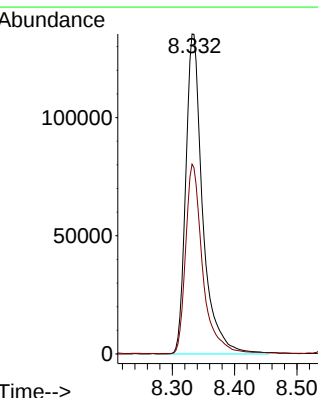
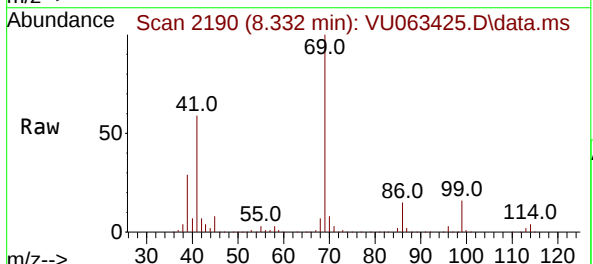
Acq: 23 Jun 2025 13:05

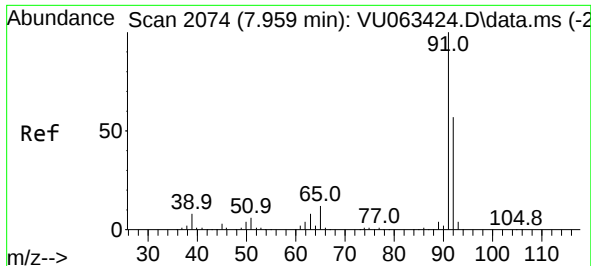
Tgt Ion: 69 Resp: 255214

Ion Ratio Lower Upper

69 100

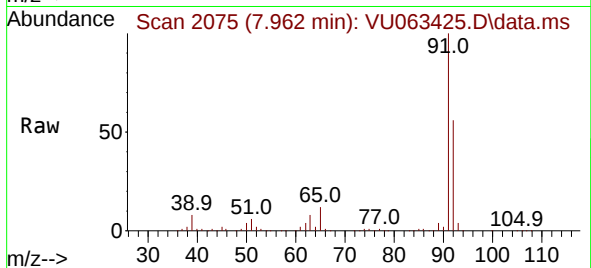
41 59.6 30.6 92.0





#49
Toluene
Concen: 17.153 ug/l
RT: 7.962 min Scan# 2074
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

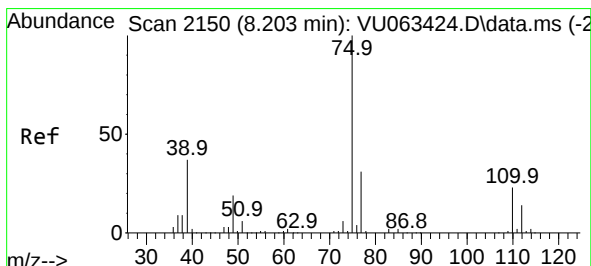
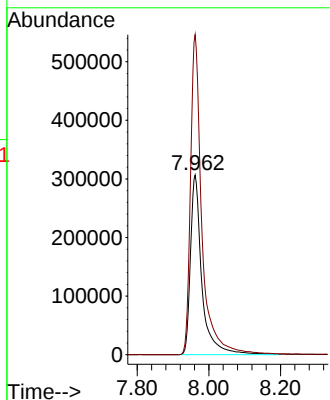
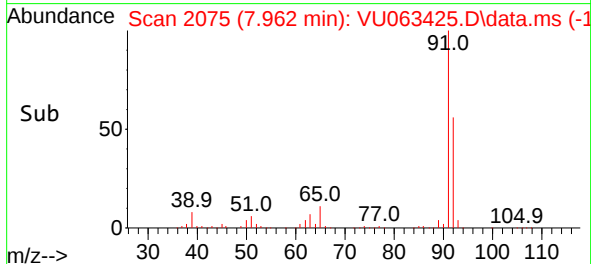
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 92 Resp: 681570
Ion Ratio Lower Upper
92 100
91 177.3 142.0 213.0

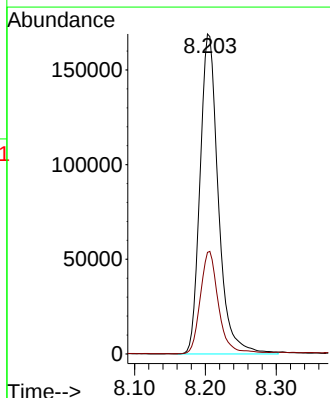
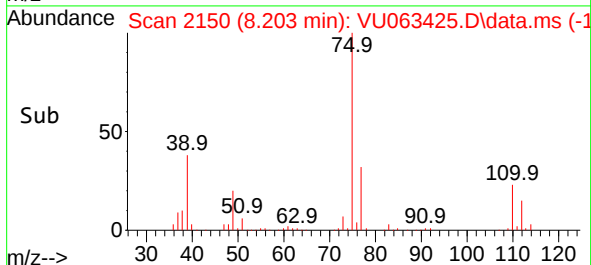
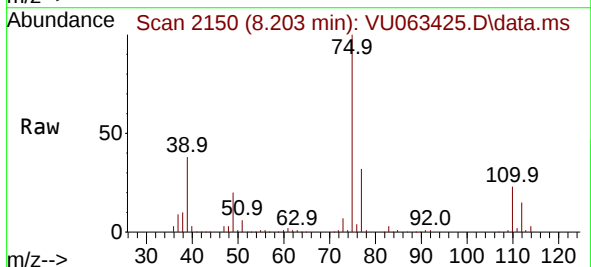
Manual Integrations
APPROVED

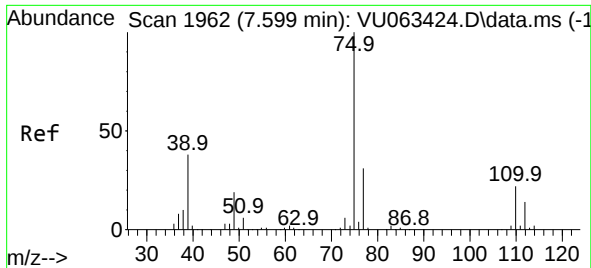
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#50
t-1,3-Dichloropropene
Concen: 18.459 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

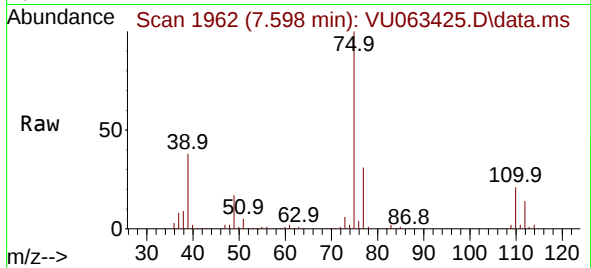
Tgt Ion: 75 Resp: 302780
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 17.841 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063425.D
 Acq: 23 Jun 2025 13:05

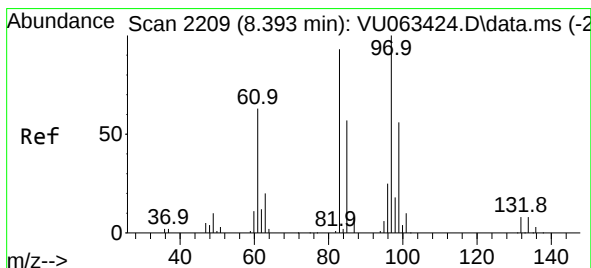
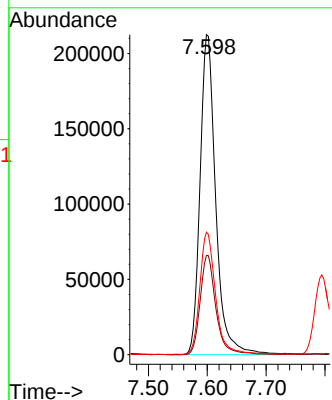
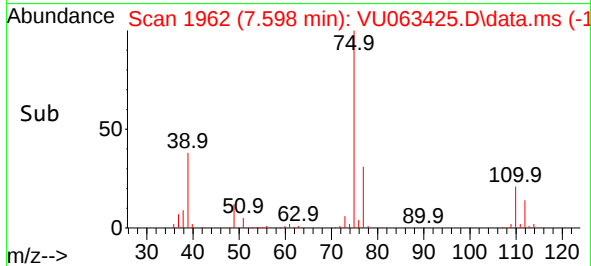
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion: 75 Resp: 393078
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 38.2 30.7 46.1

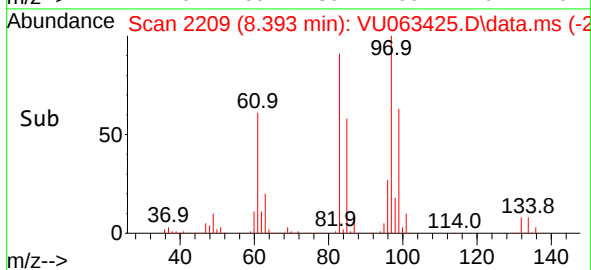
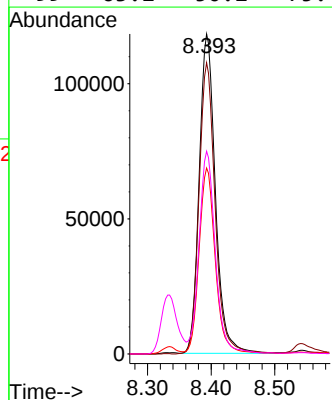
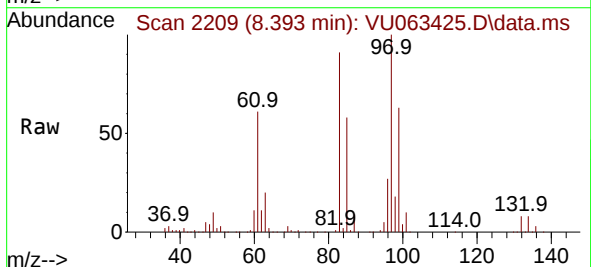
Manual Integrations
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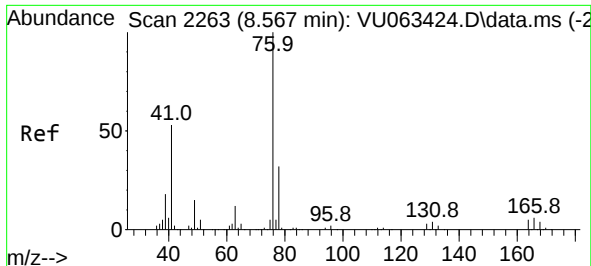
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#52
 1,1,2-Trichloroethane
 Concen: 15.357 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063425.D
 Acq: 23 Jun 2025 13:05

Tgt Ion: 97 Resp: 209627
 Ion Ratio Lower Upper
 97 100
 83 91.0 74.1 111.1
 85 58.0 45.8 68.8
 99 63.2 50.2 75.4





#53

1,3-Dichloropropane

Concen: 15.696 ug/l

RT: 8.569 min Scan# 2100

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 76 Resp: 368628

Ion Ratio Lower Upper

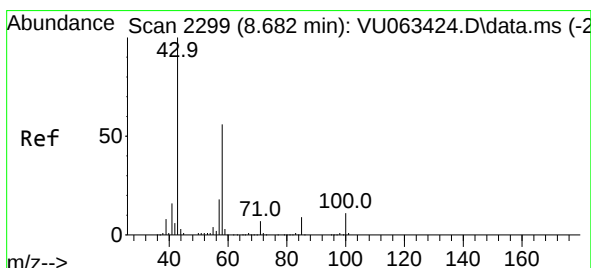
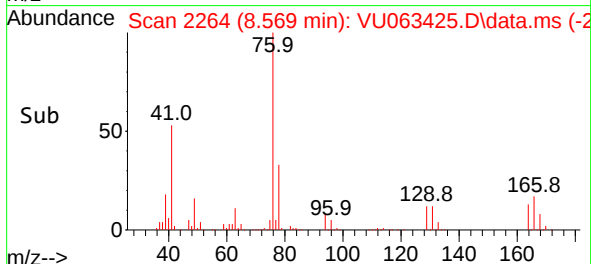
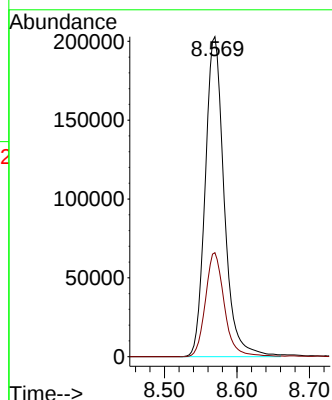
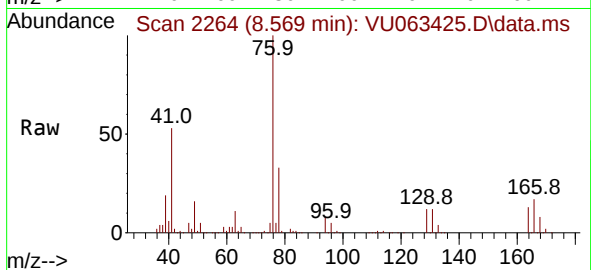
76 100

78 32.5 25.7 38.5

Manual Integrations

APPROVED

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



#54

2-Hexanone

Concen: 75.090 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

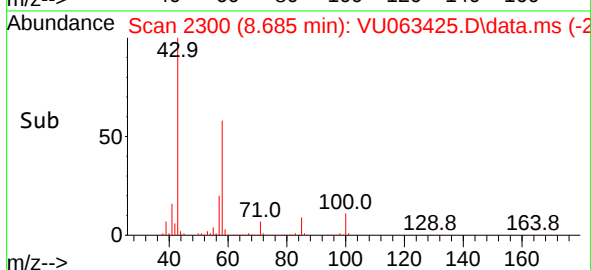
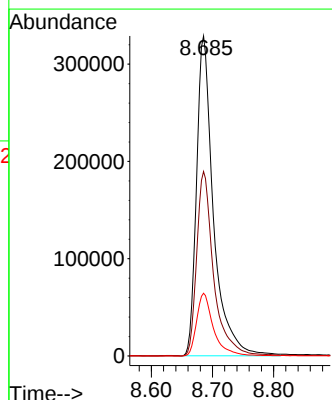
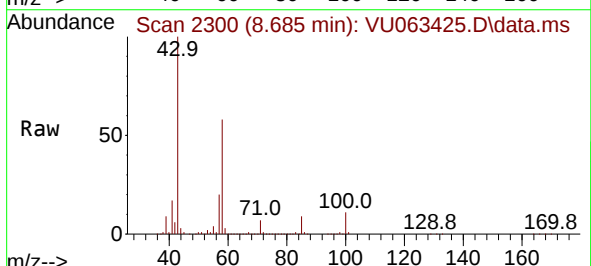
Tgt Ion: 43 Resp: 632599

Ion Ratio Lower Upper

43 100

58 58.2 36.9 76.9

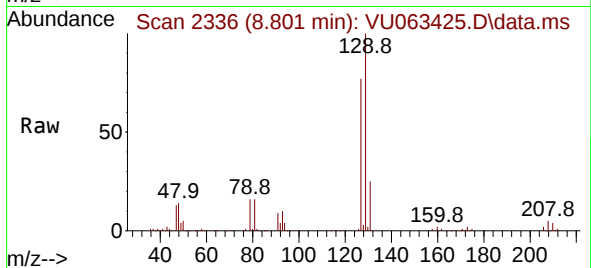
57 19.7 0.0 38.8





#55
Dibromochloromethane
Concen: 16.200 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

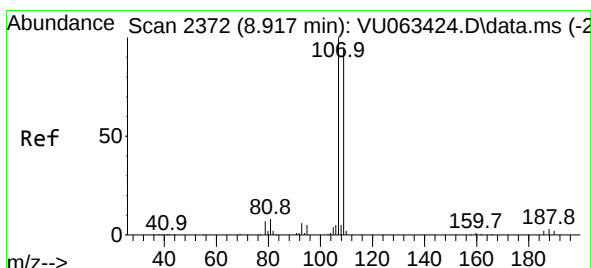
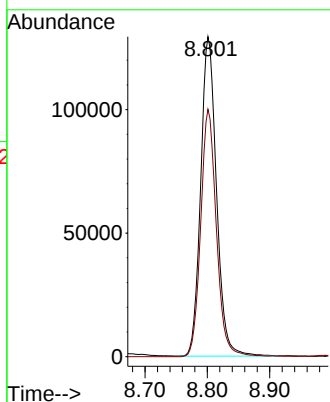
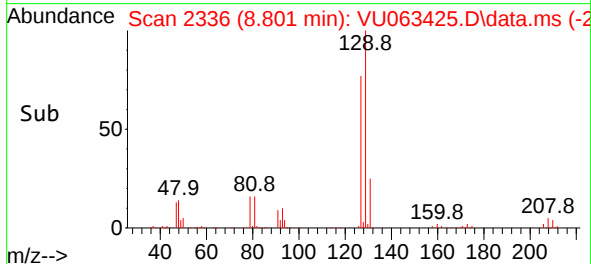
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:129 Resp: 228158
Ion Ratio Lower Upper
129 100
127 76.7 62.6 93.8

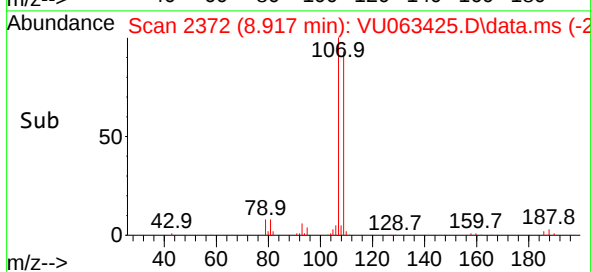
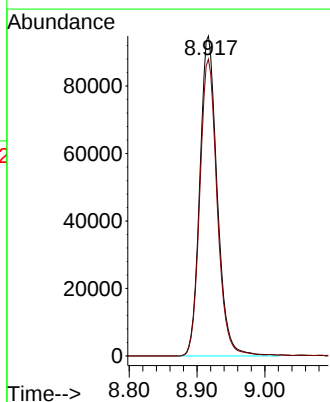
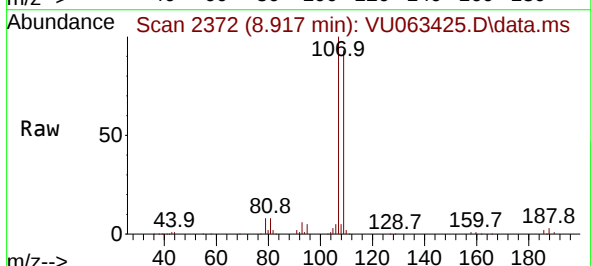
Manual Integrations
APPROVED

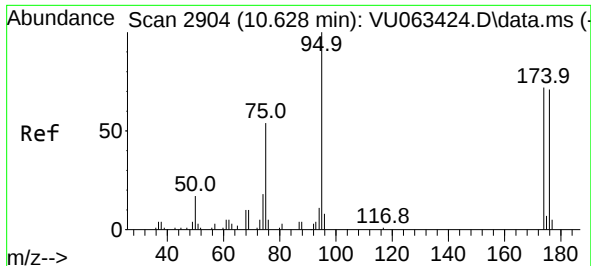
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#56
1,2-Dibromoethane
Concen: 15.258 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

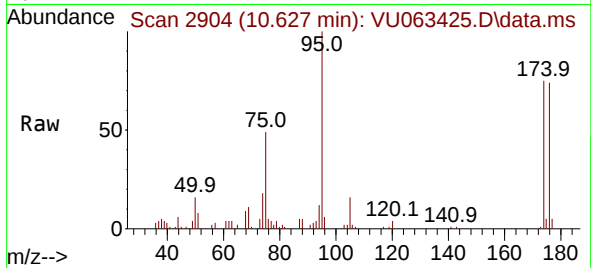
Tgt Ion:107 Resp: 168843
Ion Ratio Lower Upper
107 100
109 92.4 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.067 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

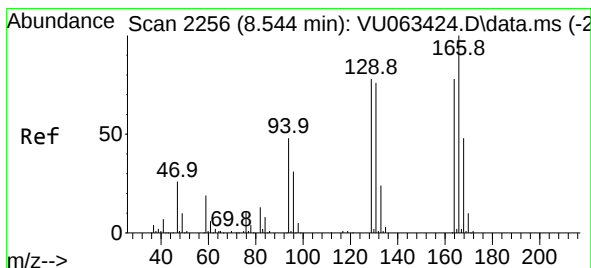
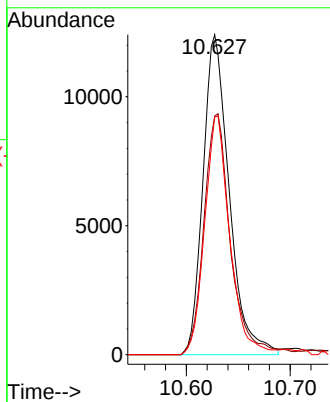
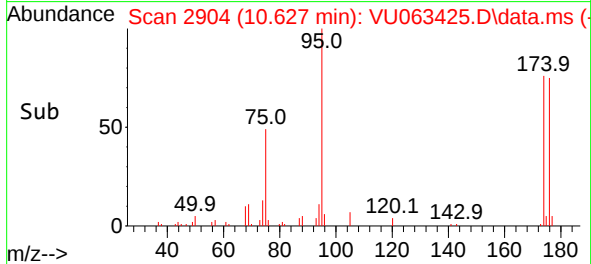
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 95 Resp: 21764
Ion Ratio Lower Upper
95 100
174 76.1 59.4 89.2
176 71.5 57.8 86.6

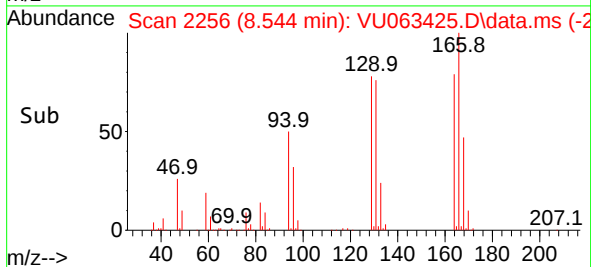
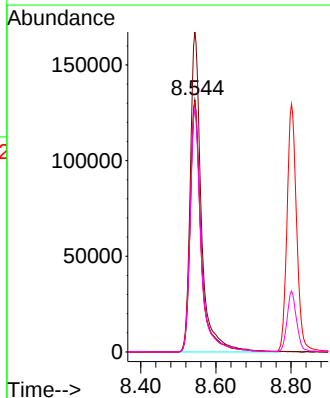
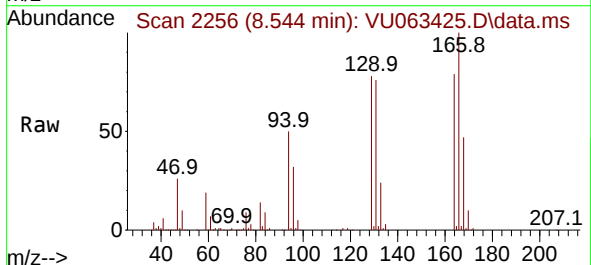
Manual Integrations
APPROVED

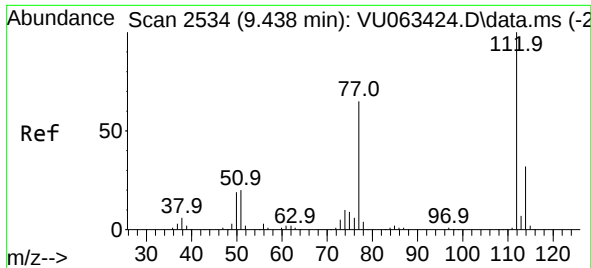
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#58
Tetrachloroethene
Concen: 15.920 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion:164 Resp: 267118
Ion Ratio Lower Upper
164 100
166 127.2 102.8 154.2
129 99.2 80.2 120.2
131 96.2 77.9 116.9





#59

Chlorobenzene

Concen: 16.367 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:112 Resp: 69625

Ion Ratio Lower Upper

112 100

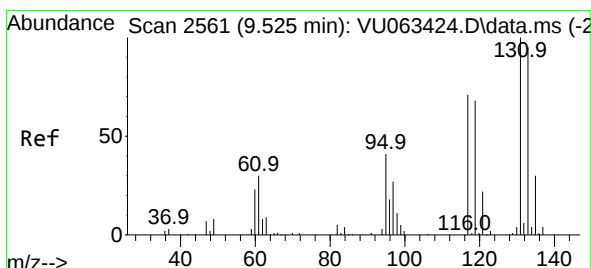
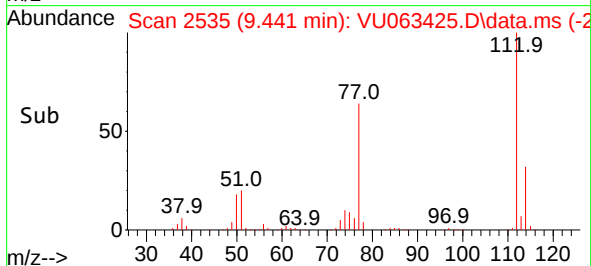
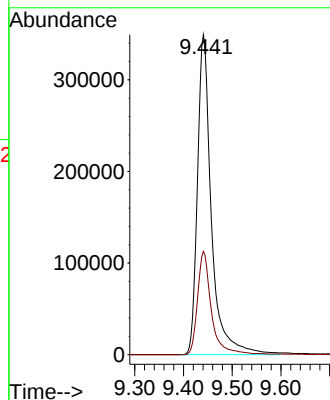
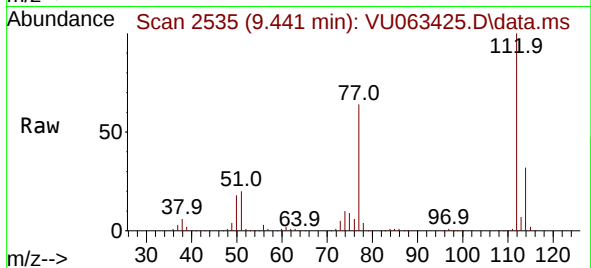
114 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 15.394 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

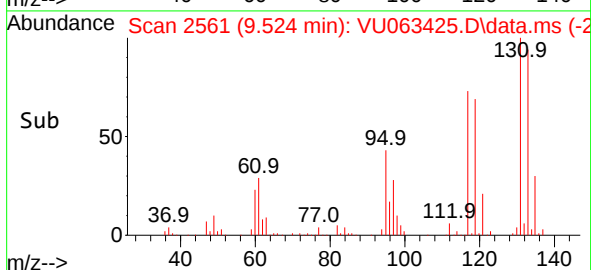
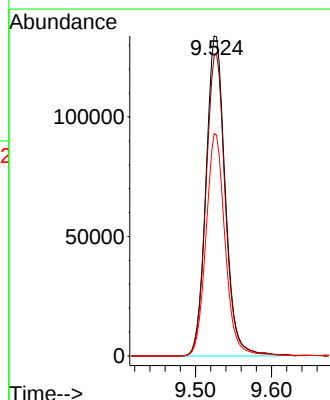
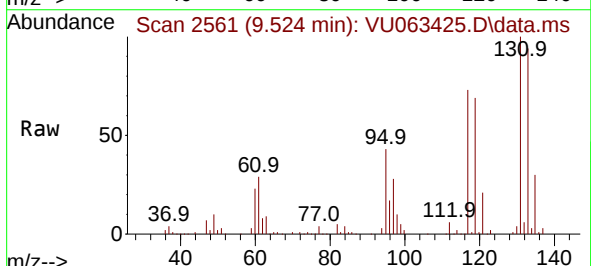
Tgt Ion:131 Resp: 235721

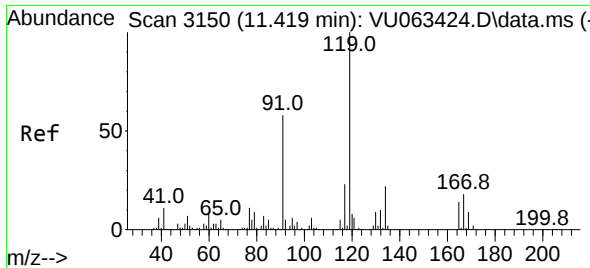
Ion Ratio Lower Upper

131 100

133 94.3 76.1 114.1

119 69.1 53.7 80.5





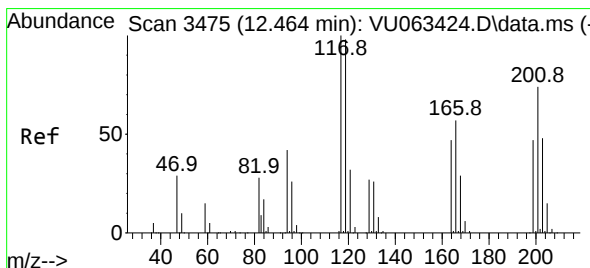
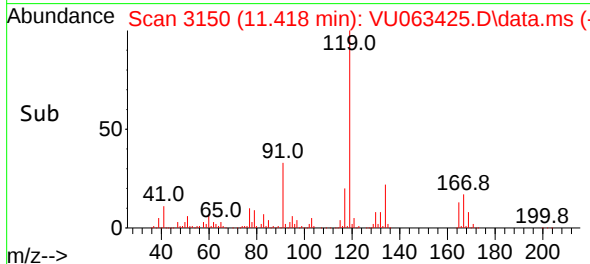
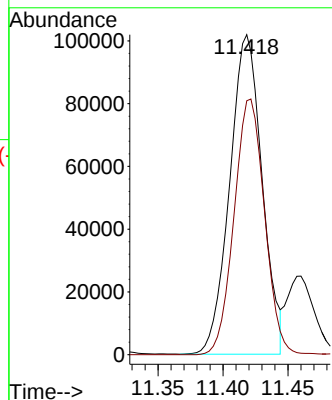
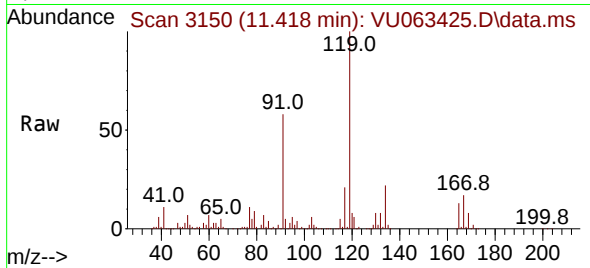
#61
 Pentachloroethane
 Concen: 14.158 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.001 min
 Lab File: VU063425.D
 Acq: 23 Jun 2025 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion:117 Resp: 176614
 Ion Ratio Lower Upper
 117 100
 167 75.5 58.1 87.1

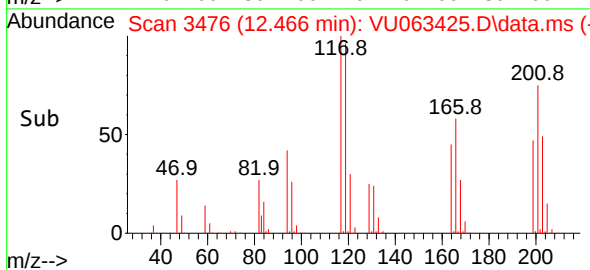
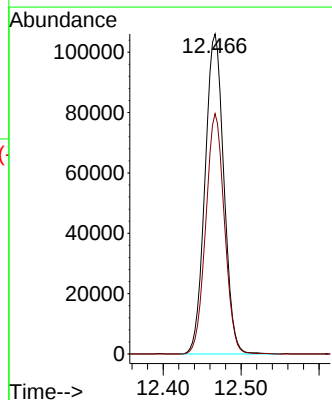
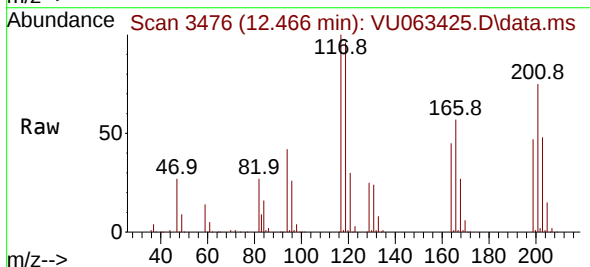
Manual Integrations
 APPROVED

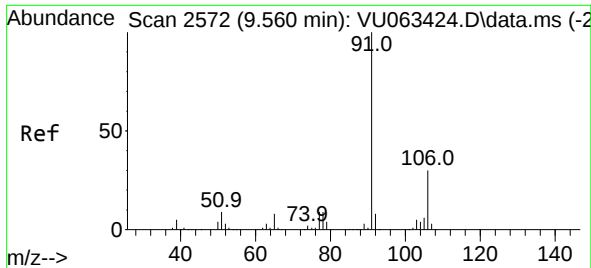
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#62
 Hexachloroethane
 Concen: 15.875 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VU063425.D
 Acq: 23 Jun 2025 13:05

Tgt Ion:117 Resp: 178100
 Ion Ratio Lower Upper
 117 100
 201 74.4 60.4 90.6





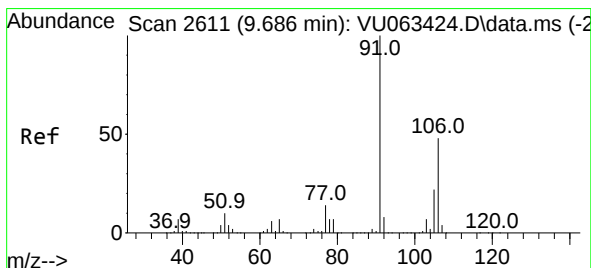
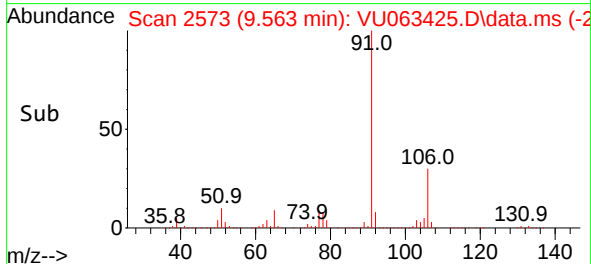
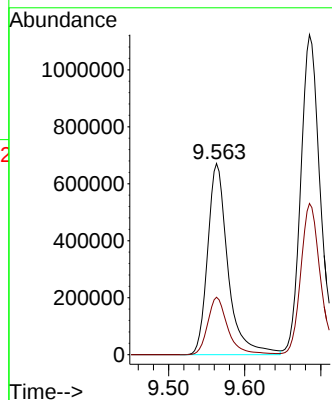
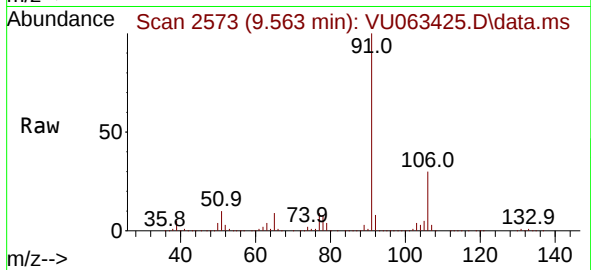
#63
Ethyl Benzene
Concen: 18.287 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 124710
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.2

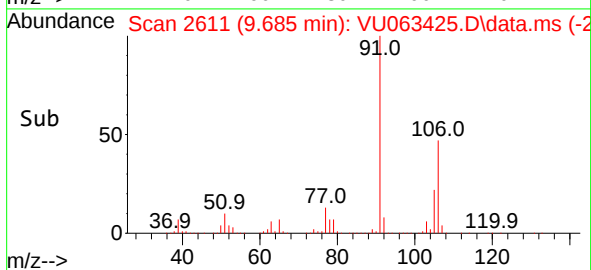
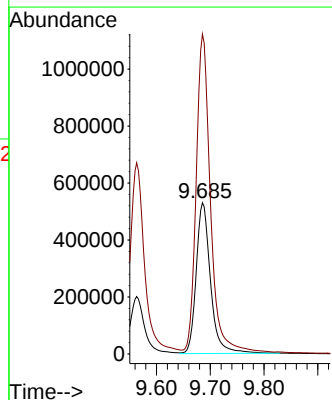
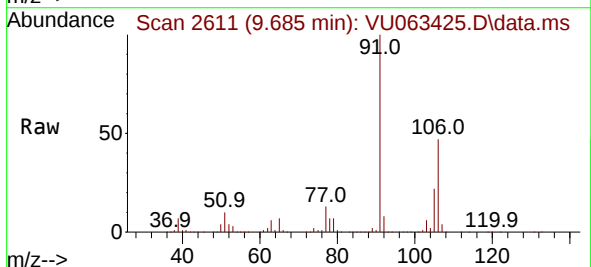
Manual Integrations
APPROVED

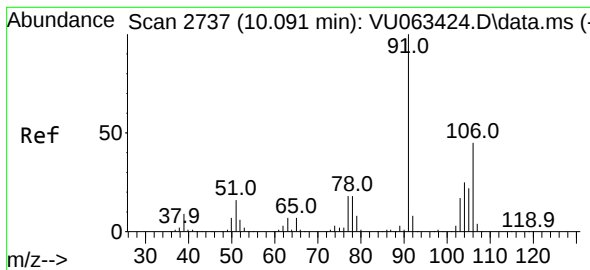
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#64
m/p-Xylenes
Concen: 29.979 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.001 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion:106 Resp: 979694
Ion Ratio Lower Upper
106 100
91 210.0 169.9 254.9





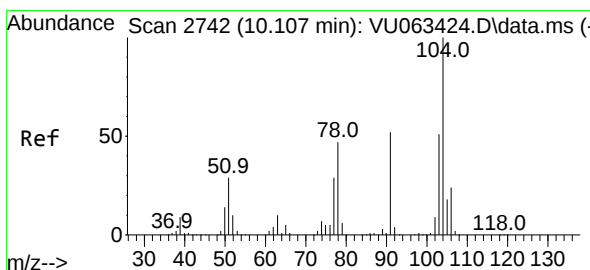
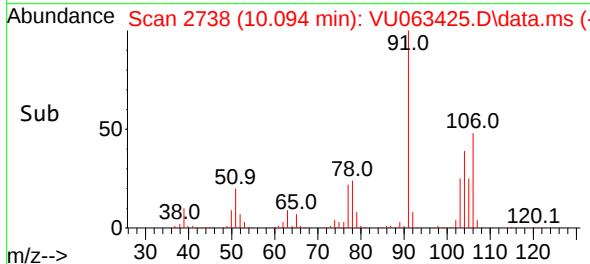
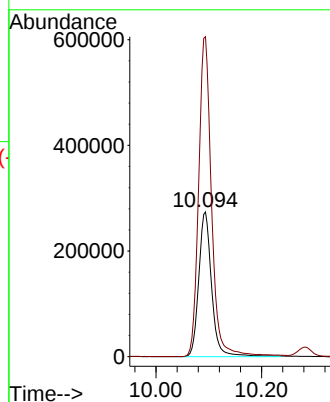
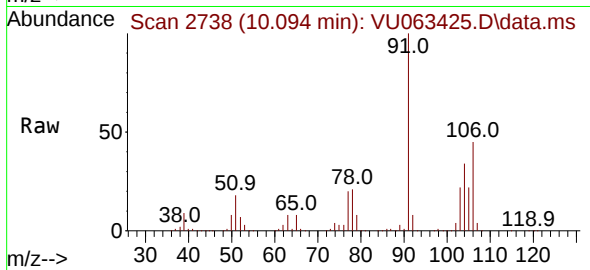
#65
o-Xylene
Concen: 17.872 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:106 Resp: 46304
Ion Ratio Lower Upper
106 100
91 222.0 110.8 332.3

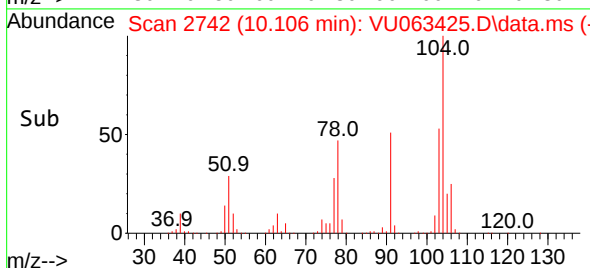
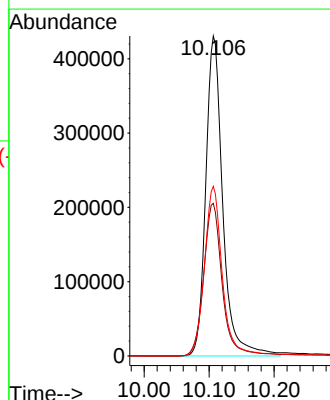
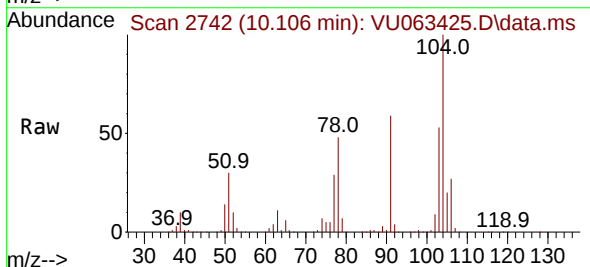
Manual Integrations
APPROVED

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



#66
Styrene
Concen: 14.979 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.001 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion:104 Resp: 786883
Ion Ratio Lower Upper
104 100
78 51.9 41.6 62.4
103 56.6 44.6 67.0





#67

Bromoform

Concen: 16.195 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:173 Resp: 124620

Ion Ratio Lower Upper

173 100

175 48.4 38.2 57.2

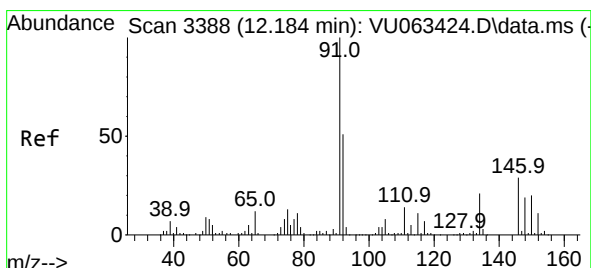
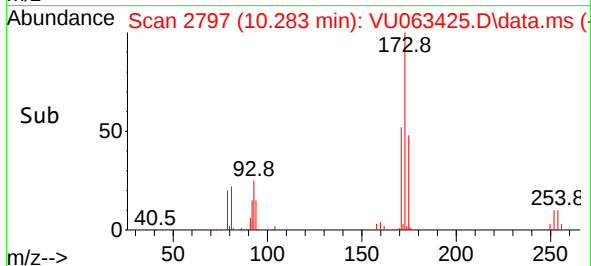
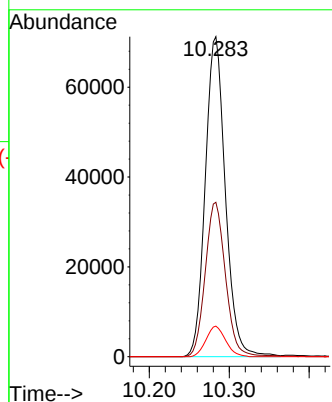
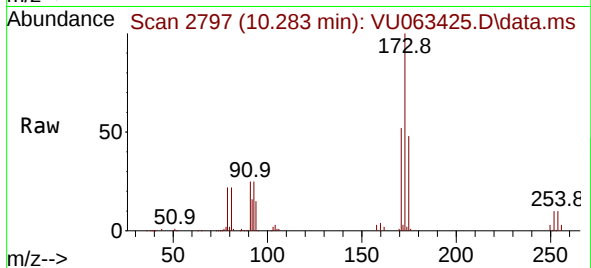
254 9.3 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.057 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

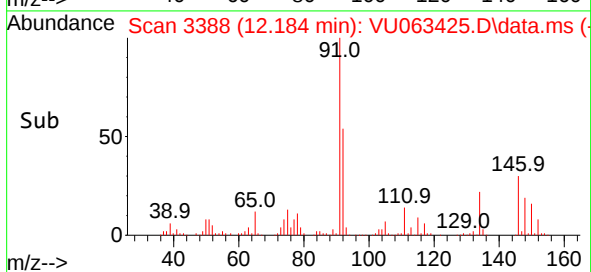
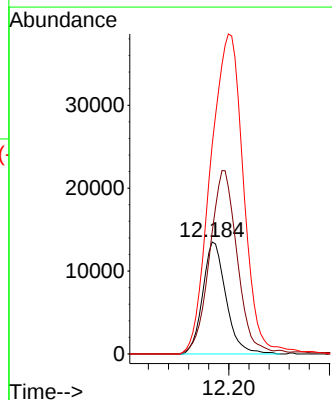
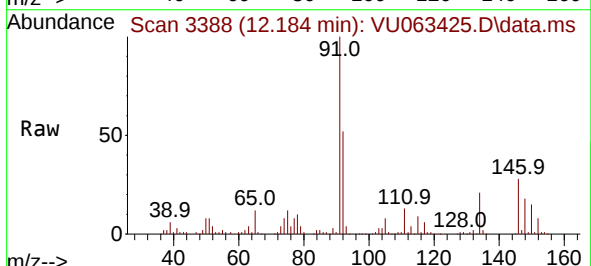
Tgt Ion:152 Resp: 21650

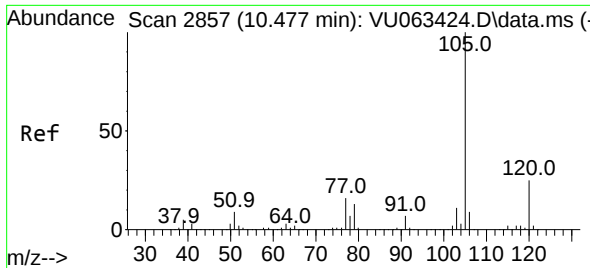
Ion Ratio Lower Upper

152 100

115 193.7 0.0 327.6

150 405.9 0.0 664.4





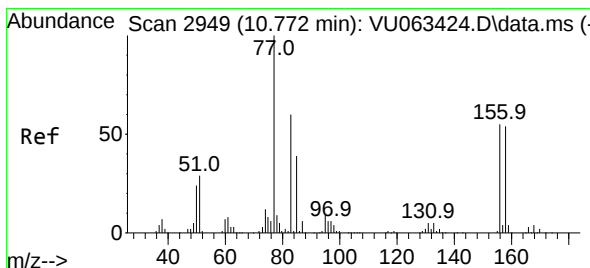
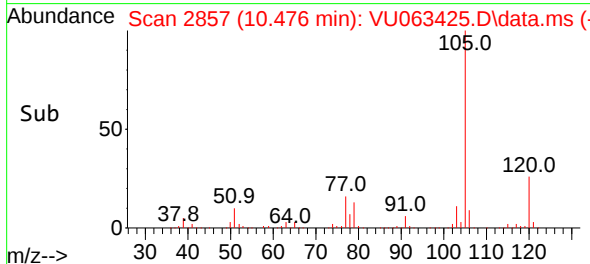
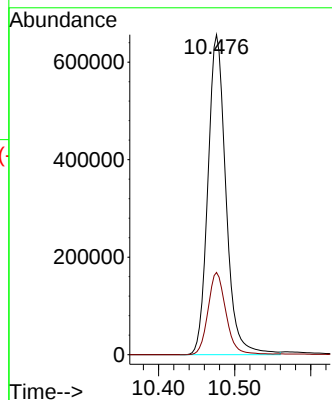
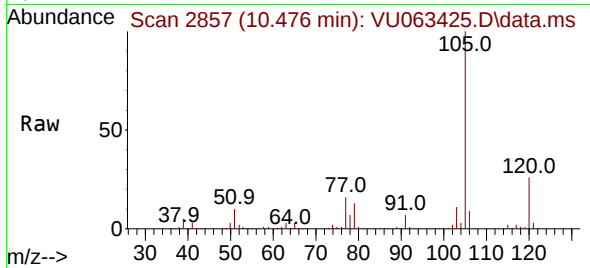
#69
Isopropylbenzene
Concen: 18.016 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:105 Resp: 1081336
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.1

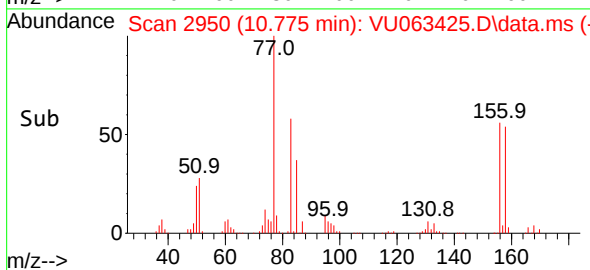
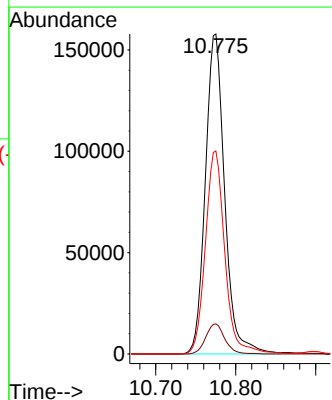
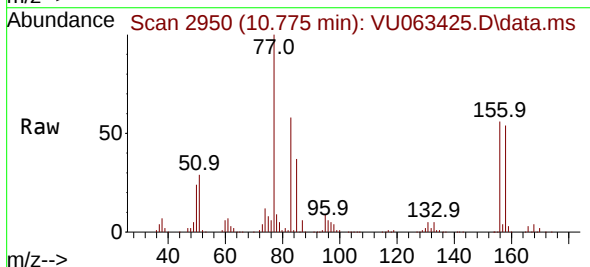
Manual Integrations
APPROVED

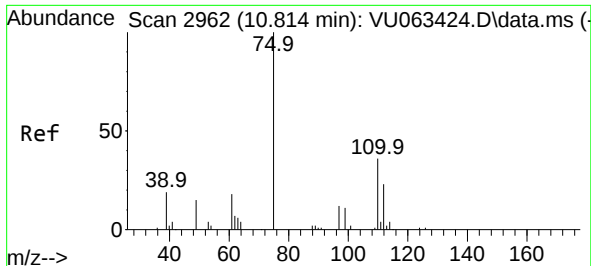
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 15.218 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

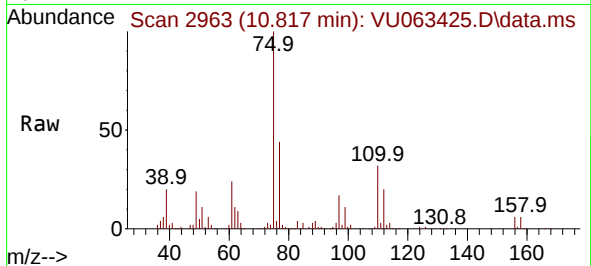
Tgt Ion: 83 Resp: 265725
Ion Ratio Lower Upper
83 100
131 9.3 7.4 11.0
85 63.9 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 15.599 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

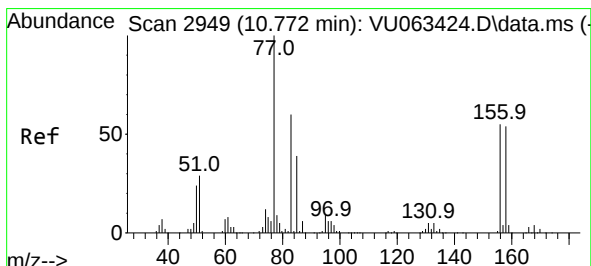
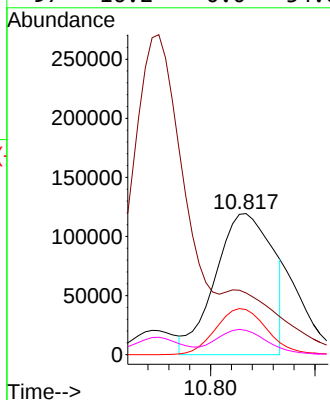
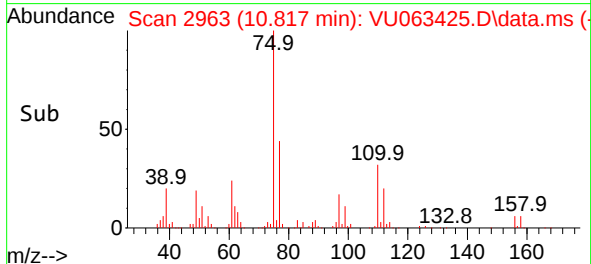
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



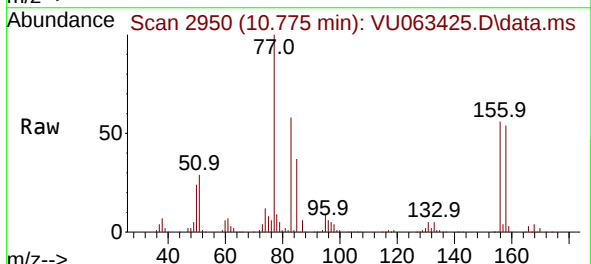
Tgt Ion: 75 Resp: 22664
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 29.8 0.0 63.4
97 16.2 0.0 34.0

Manual Integrations
APPROVED

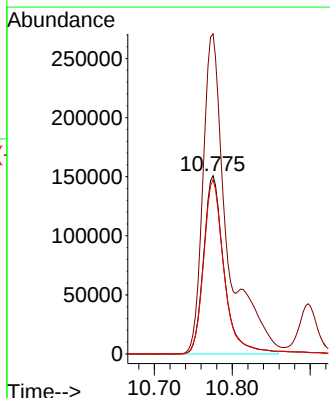
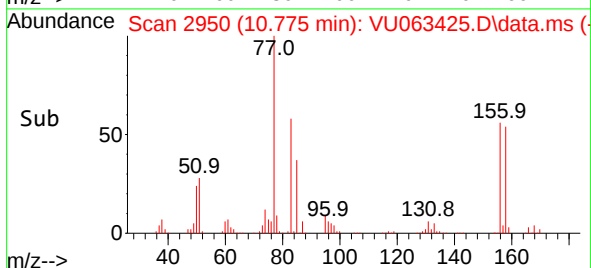
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

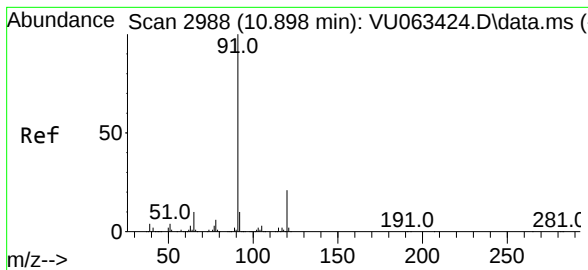


#72
Bromobenzene
Concen: 16.328 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05



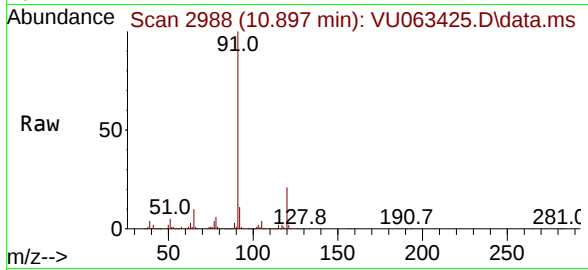
Tgt Ion:156 Resp: 275102
Ion Ratio Lower Upper
156 100
77 173.6 0.0 416.2
158 98.6 0.0 190.6





#73
n-propylbenzene
Concen: 15.024 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

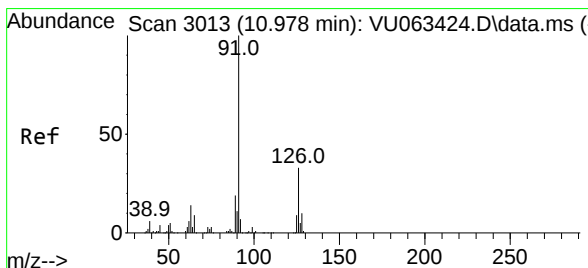
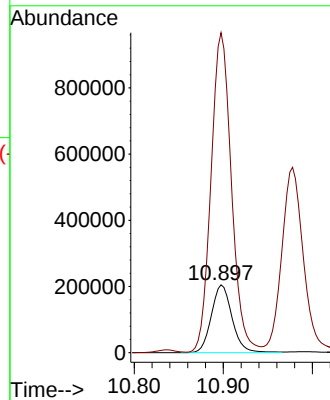
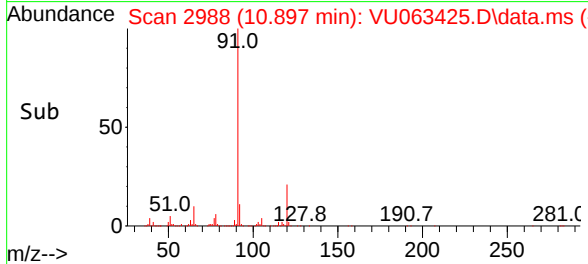
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:120 Resp: 331125
Ion Ratio Lower Upper
120 100
91 463.3 373.7 560.5

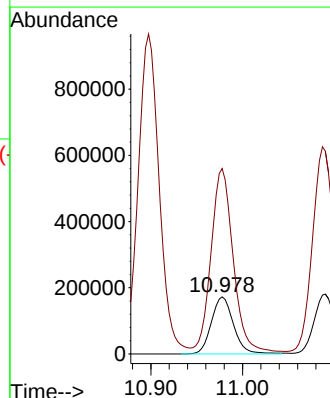
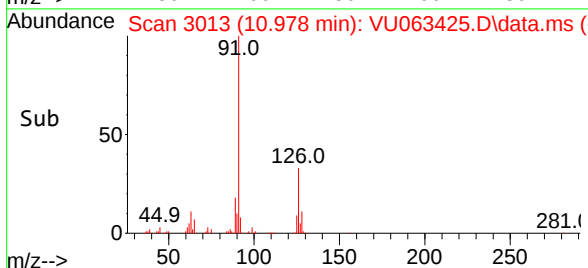
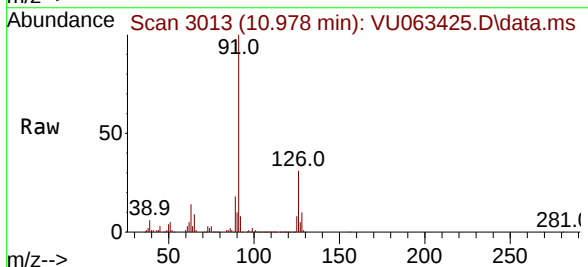
Manual Integrations
APPROVED

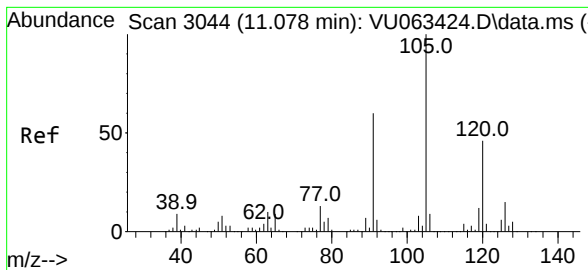
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#74
2-Chlorotoluene
Concen: 17.342 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion:126 Resp: 288819
Ion Ratio Lower Upper
126 100
91 324.0 0.0 650.8





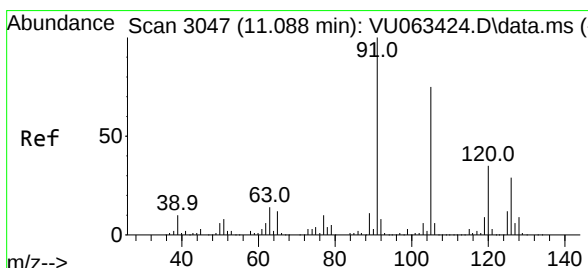
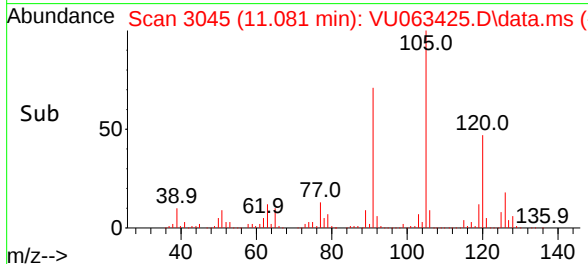
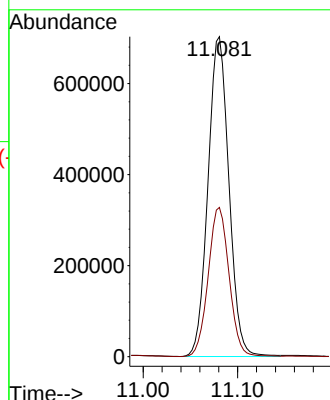
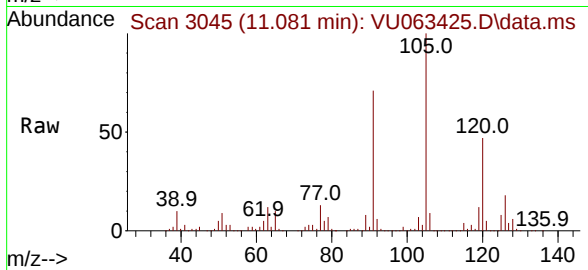
#75
1,3,5-Trimethylbenzene
Concen: 14.923 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 108002
Ion Ratio Lower Upper
105 100
120 46.6 37.0 55.4

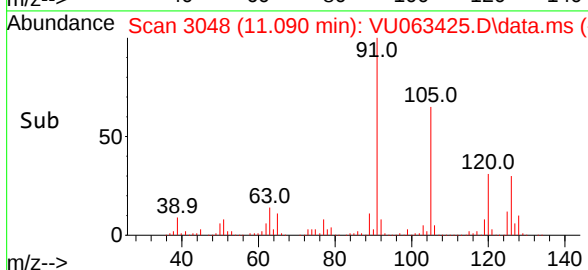
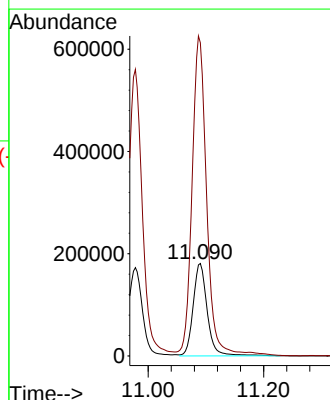
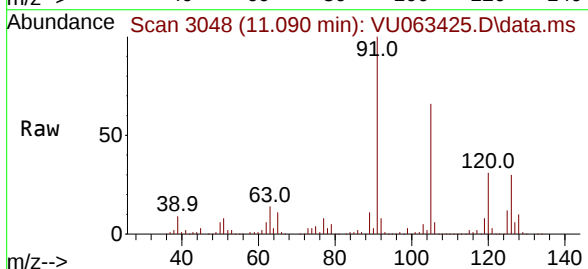
Manual Integrations
APPROVED

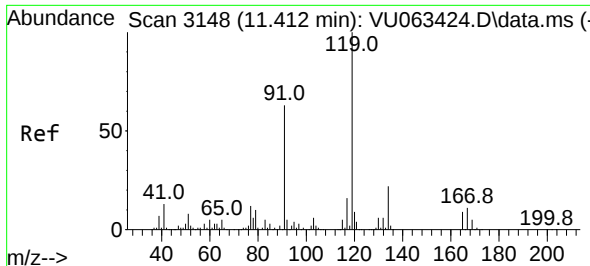
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#76
4-Chlorotoluene
Concen: 17.541 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

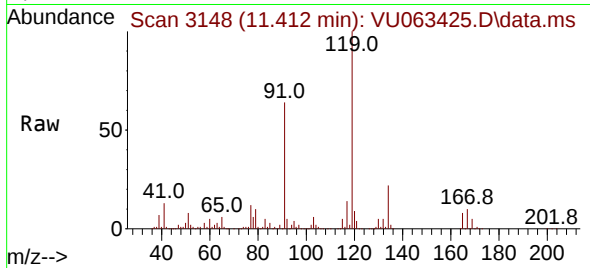
Tgt Ion:126 Resp: 306016
Ion Ratio Lower Upper
126 100
91 341.4 0.0 713.2





#77
tert-Butylbenzene
Concen: 17.535 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

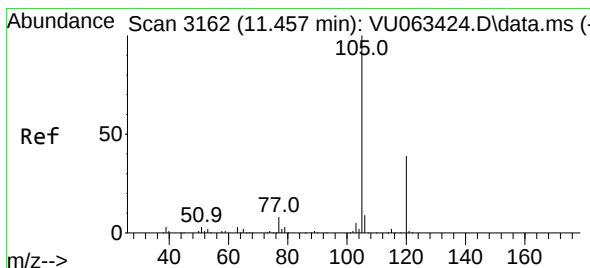
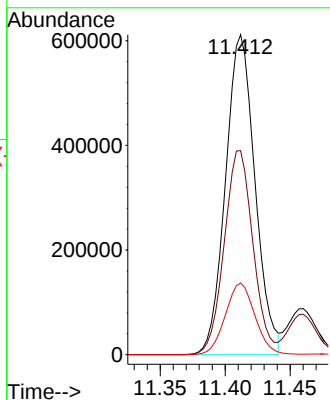
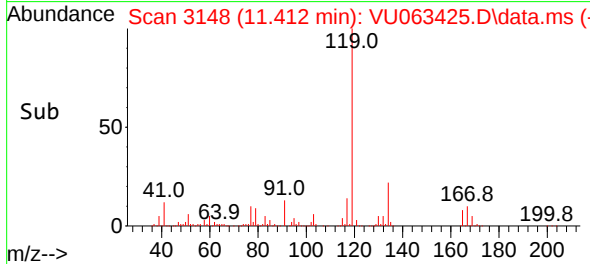
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



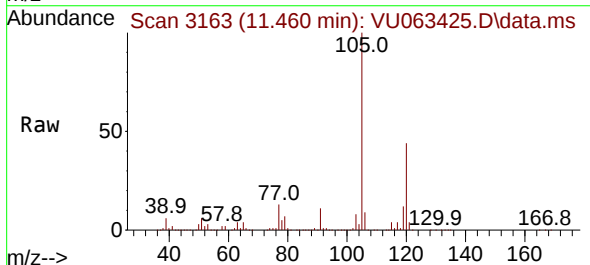
Tgt Ion:119 Resp: 96703
Ion Ratio Lower Upper
119 100
91 62.3 30.9 92.7
134 22.5 17.9 26.9

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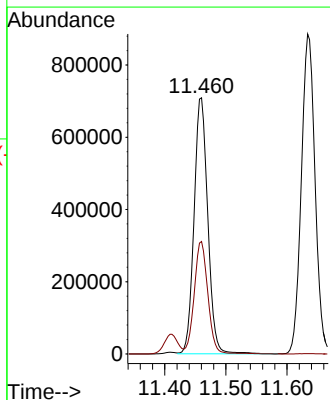
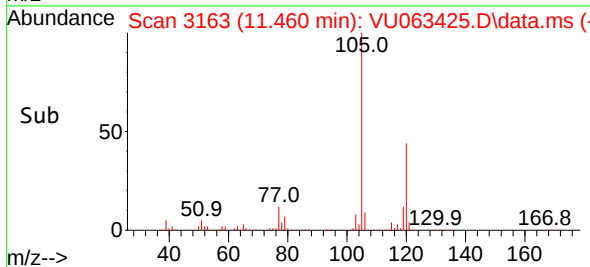
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

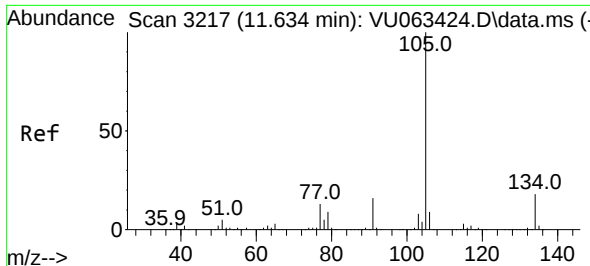


#78
1,2,4-Trimethylbenzene
Concen: 15.016 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05



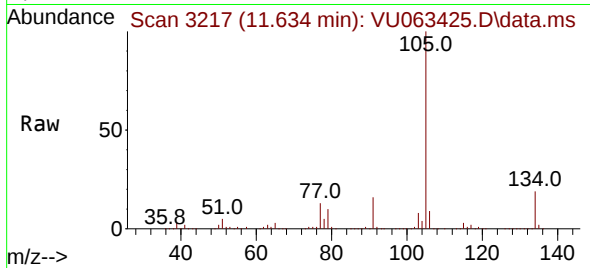
Tgt Ion:105 Resp: 1106183
Ion Ratio Lower Upper
105 100
120 42.8 22.1 66.5





#79
 sec-Butylbenzene
 Concen: 17.816 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063425.D
 Acq: 23 Jun 2025 13:05

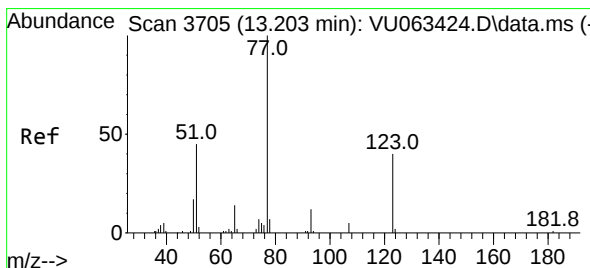
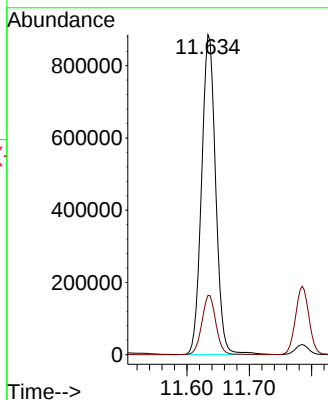
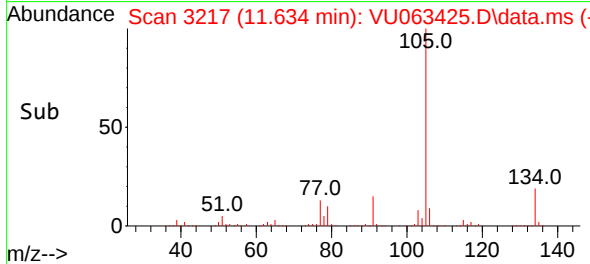
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion:105 Resp: 1391528
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2

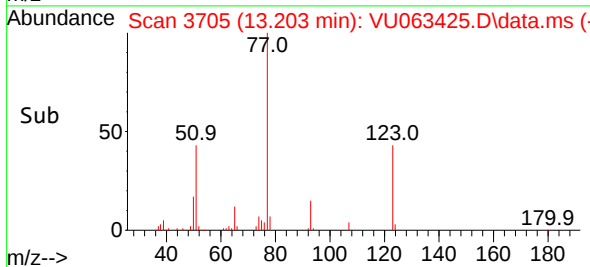
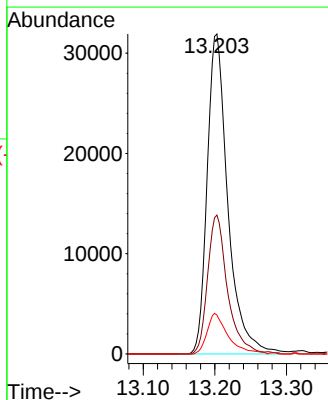
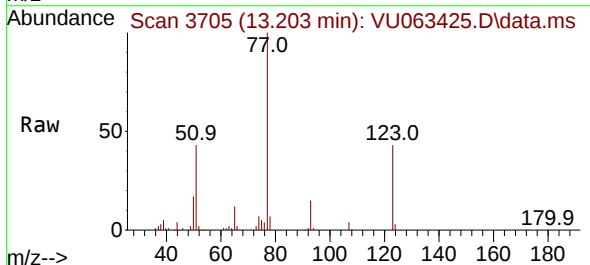
Manual Integrations
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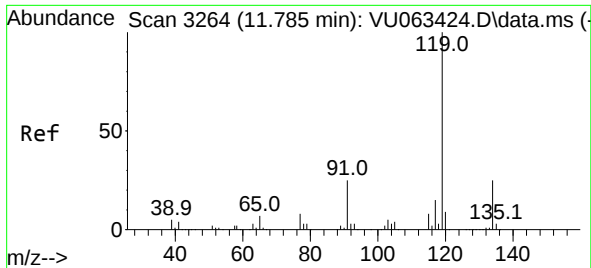
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#80
 Nitrobenzene
 Concen: 77.243 ug/l m
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063425.D
 Acq: 23 Jun 2025 13:05

Tgt Ion: 77 Resp: 63943
 Ion Ratio Lower Upper
 77 100
 123 40.8 19.6 69.6
 65 12.8 10.6 13.4





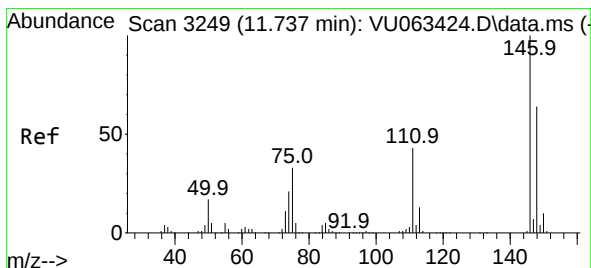
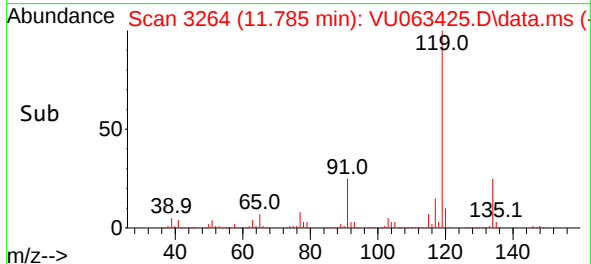
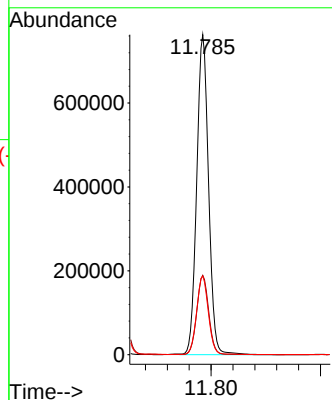
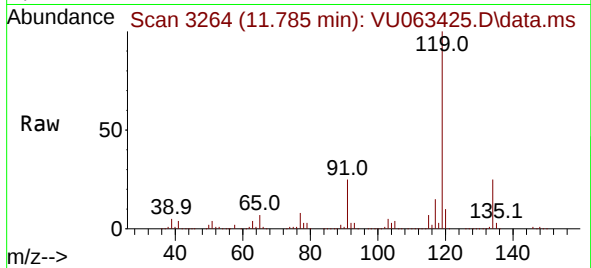
#81
p-Isopropyltoluene
Concen: 14.991 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 114196
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.2
91 24.1 19.7 29.5

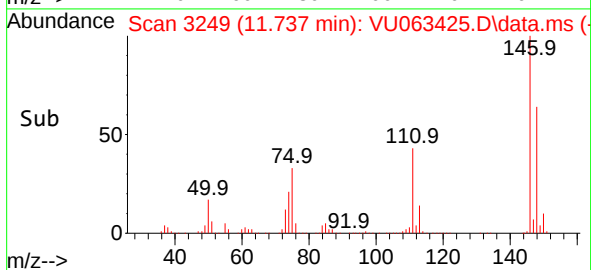
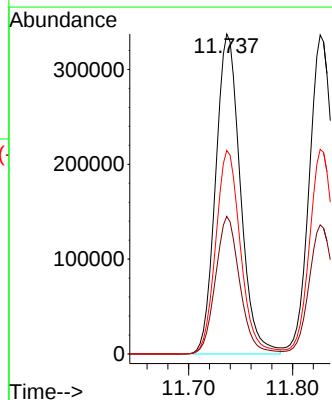
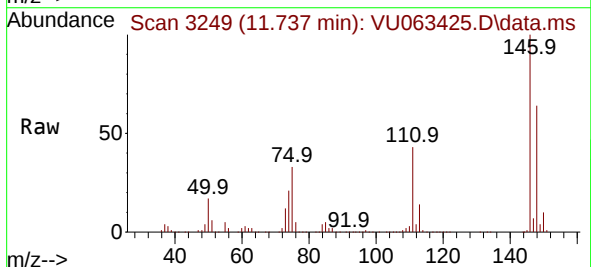
Manual Integrations
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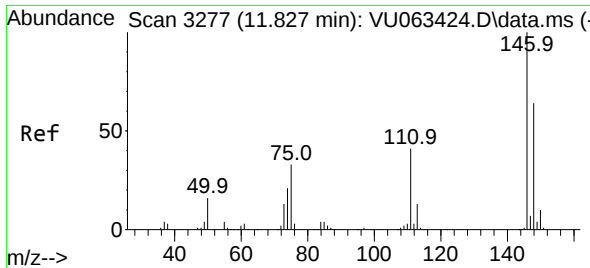
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#82
1,3-Dichlorobenzene
Concen: 15.994 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

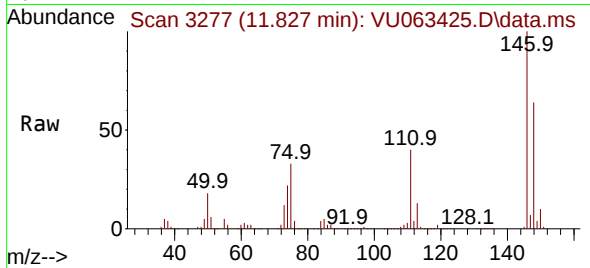
Tgt Ion:146 Resp: 558223
Ion Ratio Lower Upper
146 100
111 42.4 34.3 51.5
148 63.9 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 16.003 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

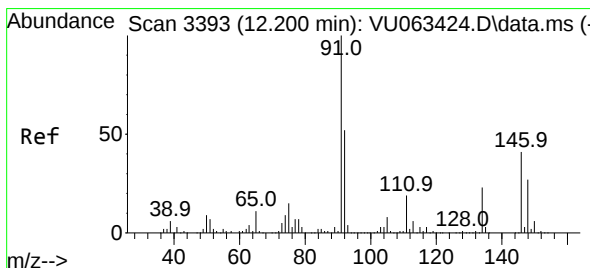
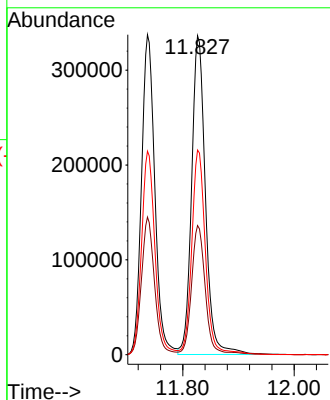
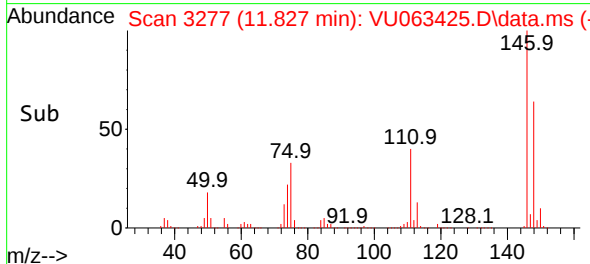
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



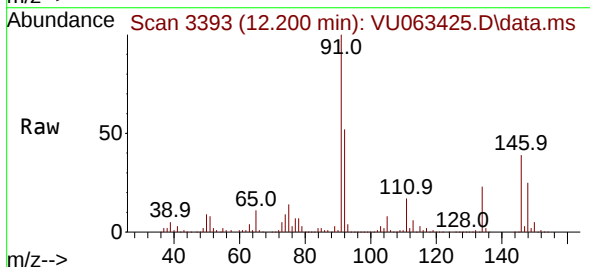
Tgt Ion:146 Resp: 579089
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 63.9 51.4 77.0

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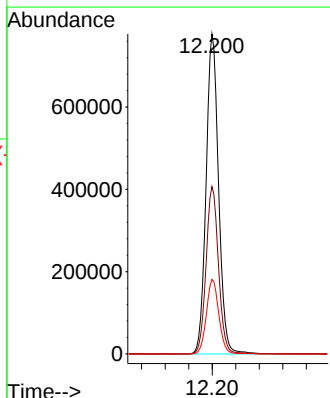
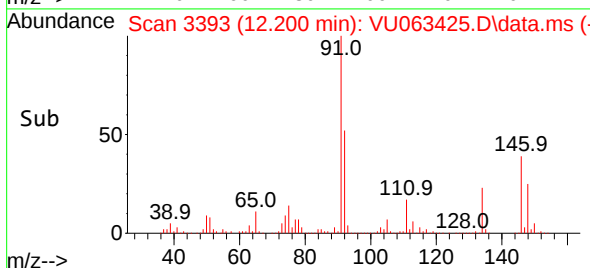
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

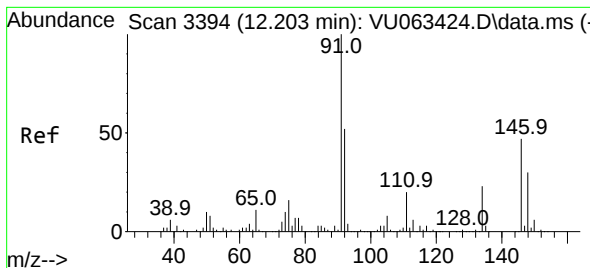


#84
n-Butylbenzene
Concen: 17.890 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05



Tgt Ion: 91 Resp: 1143852
Ion Ratio Lower Upper
91 100
92 52.2 41.0 61.6
134 23.3 18.5 27.7





#85

1,2-Dichlorobenzene

Concen: 16.073 ug/l

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:146 Resp: 53686

Ion Ratio Lower Upper

146 100

111 44.0 21.8 65.4

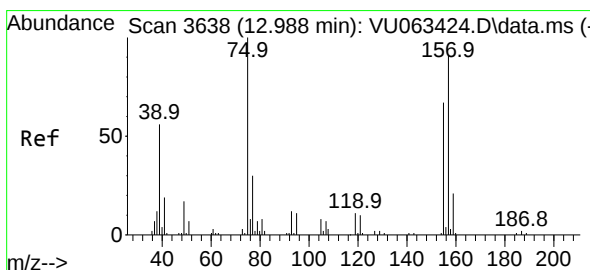
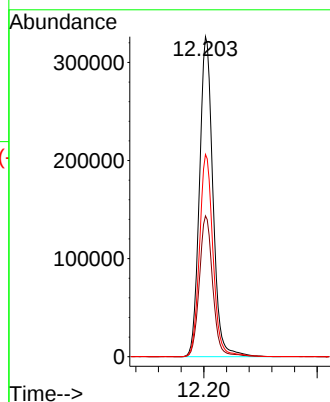
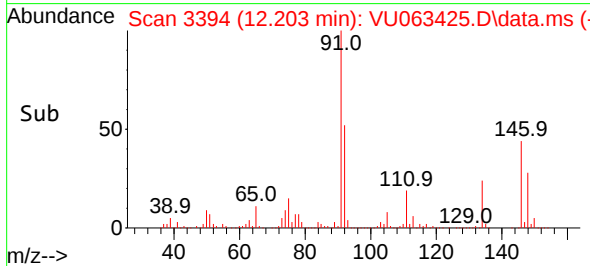
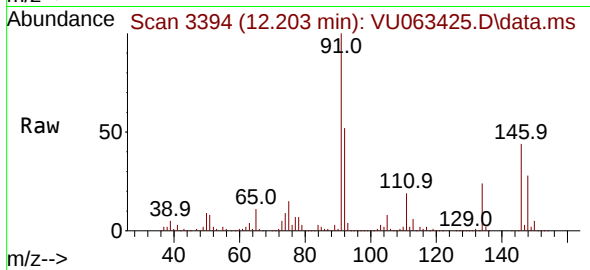
148 63.6 32.3 96.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 16.498 ug/l

RT: 12.984 min Scan# 3637

Delta R.T. -0.004 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

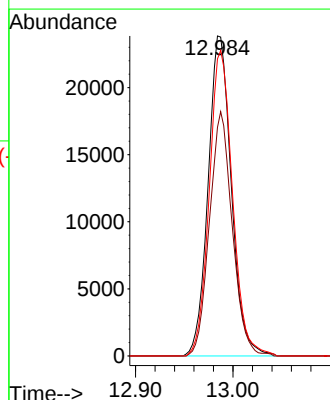
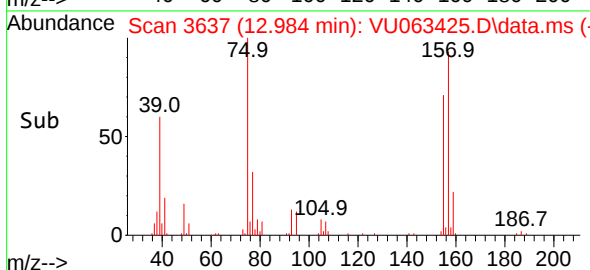
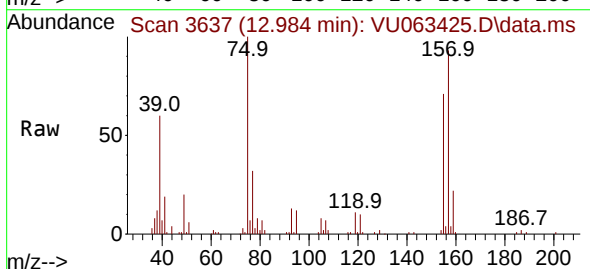
Tgt Ion: 75 Resp: 39601

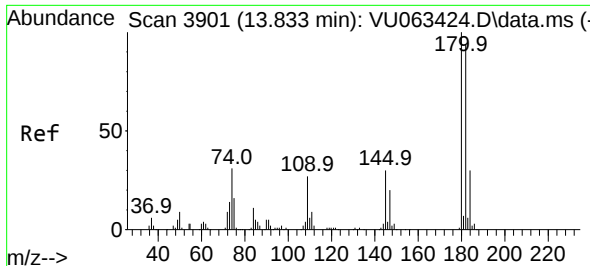
Ion Ratio Lower Upper

75 100

155 74.7 59.7 89.5

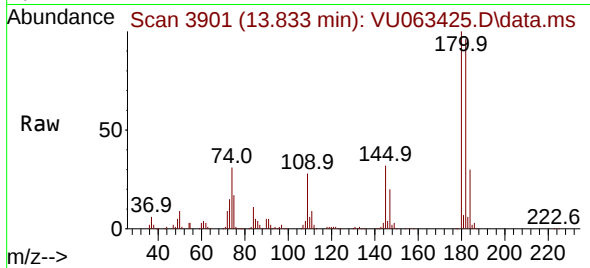
157 95.5 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 17.274 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

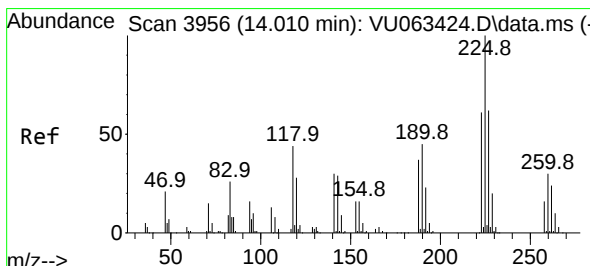
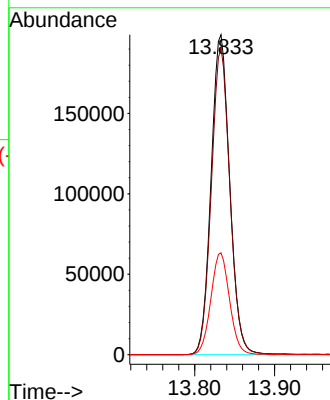
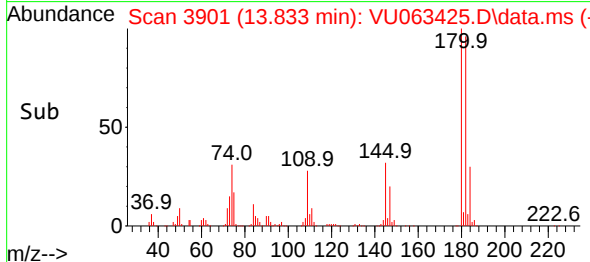
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



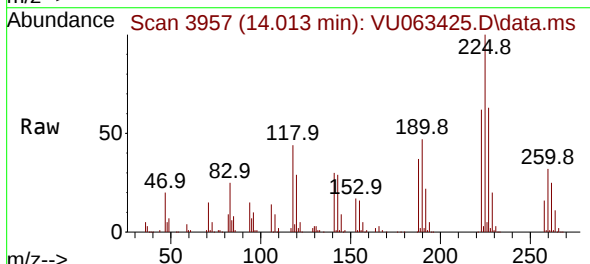
Tgt Ion:180 Resp: 321704
Ion Ratio Lower Upper
180 100
182 95.5 75.6 113.4
145 32.0 24.6 36.8

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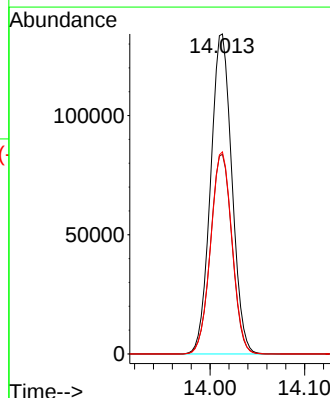
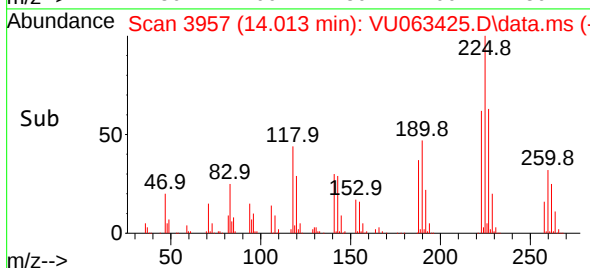
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

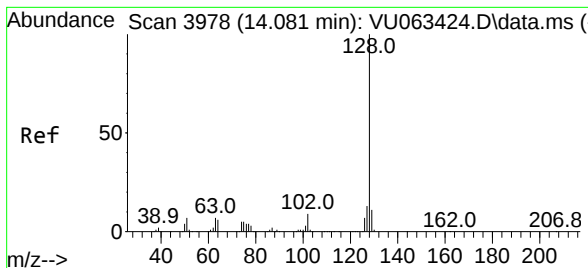


#88
Hexachlorobutadiene
Concen: 15.890 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05



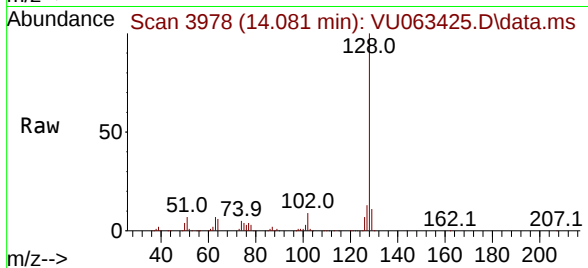
Tgt Ion:225 Resp: 209808
Ion Ratio Lower Upper
225 100
223 62.9 50.0 75.0
227 63.4 51.5 77.3





#89
Naphthalene
Concen: 15.330 ug/l
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

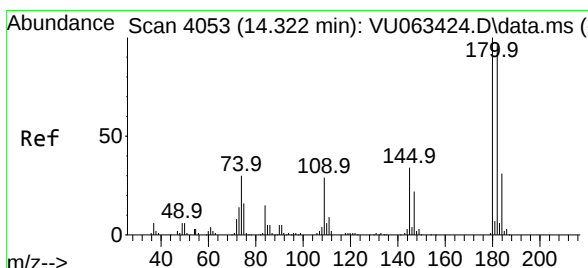
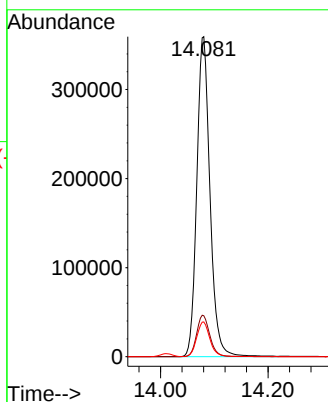
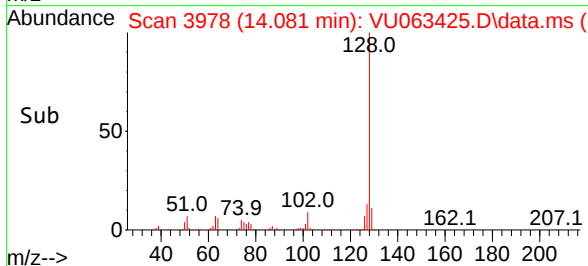
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:128 Resp: 611570
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1

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



#90
1,2,3-Trichlorobenzene
Concen: 17.264 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063425.D
Acq: 23 Jun 2025 13:05

Tgt Ion:180 Resp: 319688
Ion Ratio Lower Upper
180 100
182 95.8 76.7 115.1
145 33.6 27.4 41.2

