

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063440.D
 Acq On : 24 Jun 2025 16:23
 Operator : MD/SY
 Sample : VU0624WBS02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBS02

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 06:27:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.104	96	47037	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.628	95	17640	1.021	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	18406	1.061	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	37778	2.091	ug/l	99
3) Chloromethane	1.519	50	42143	1.771	ug/l	100
4) Vinyl Chloride	1.599	62	37670	1.848	ug/l	98
5) Bromomethane	1.847	94	24268	2.486	ug/l	98
6) Chloroethane	1.924	64	25802	2.138	ug/l	97
7) Trichlorofluoromethane	2.126	101	48253	2.076	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	24929	2.014	ug/l	95
9) 1,1-Dichloroethene	2.567	96	26564	2.151	ug/l	90
10) Iodomethane	2.708	142	16059	1.611	ug/l	98
11) Allyl Chloride	2.908	41	43916	1.996	ug/l	99
12) Acrylonitrile	3.306	53	14113	3.955	ug/l	94
13) Acetone	2.621	43	27103	8.691	ug/l	100
14) Carbon Disulfide	2.776	76	85655	1.989	ug/l	97
15) Methylene Chloride	3.030	84	32211	2.058	ug/l	96
16) trans-1,2-Dichloroethene	3.332	96	28010	2.016	ug/l	99
17) 1,1-Dichloroethane	3.850	63	59361	2.034	ug/l	100
18) 2-Butanone	4.718	43	43241	8.683	ug/l	96
19) Cyclohexane	5.361	56	41202	1.866	ug/l	98
20) Methylcyclohexane	6.747	83	33909	1.654	ug/l	88
21) 2,2-Dichloropropane	4.644	77	41844	2.018	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	31341	2.066	ug/l	93
23) Diethyl Ether	2.371	59	22596	2.028	ug/l	98
24) tert-Butyl Alcohol	3.200	59	24554	20.916	ug/l	100
25) Methyl tert-Butyl Ether	3.361	73	67574	2.012	ug/l	99
26) Bromochloromethane	4.953	128	12462	2.111	ug/l	91
27) Chloroform	5.072	83	58980	2.156	ug/l	99
28) 1,1,1-Trichloroethane	5.293	97	46262	2.086	ug/l	98
29) 1,1-Dichloropropene	5.506	75	39674	1.958	ug/l	98
30) Carbon Tetrachloride	5.502	117	35874	2.025	ug/l	99
31) Isopropyl Ether	3.994	45	87456	1.919	ug/l	98
32) Ethyl-t-butyl ether	4.506	59	73762	1.909	ug/l	98
33) Tert-Amyl methyl ether	5.946	73	52281	1.890	ug/l	98
34) Propionitrile	4.779	54	13958	9.689	ug/l	95
35) Benzene	5.760	78	124591	2.033	ug/l	99
36) 1,2-Dichloroethane	5.785	62	36705	2.049	ug/l	100
37) Trichloroethene	6.531	130	28677	1.980	ug/l	92
38) 1,2-Dichloropropane	6.785	63	34425	2.034	ug/l	99
39) Methacrylonitrile	4.975	41	11395	1.901	ug/l	96
40) Methyl acrylate	4.853	55	18024m	2.142	ug/l	
41) Tetrahydrofuran	5.065	42	12045	3.736	ug/l	97
42) 1-Chlorobutane	5.441	56	57027	1.984	ug/l	92
43) Dibromomethane	6.911	93	16432	2.078	ug/l	94
44) Bromodichloromethane	7.097	83	39951	2.074	ug/l	96

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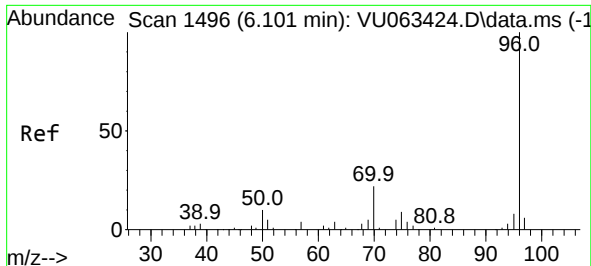
Manual Integrations
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 Supervised By :Semsettin Yesilyurt 06/25/2025

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
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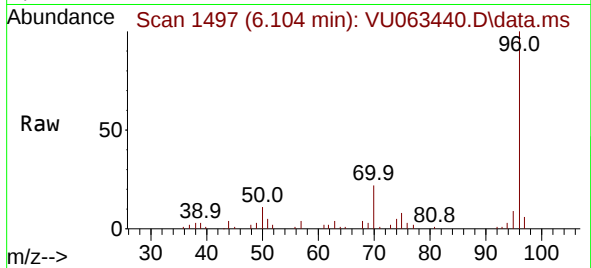
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	75814	8.931	ug/l	97
46) t-1,4-Dichloro-2-butene	10.827	75	11998m	4.300	ug/l	
47) Methyl methacrylate	6.969	69	23311	3.867	ug/l	92
48) Ethyl methacrylate	8.335	69	20086	1.934	ug/l	98
49) Toluene	7.962	92	64673	1.922	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	26324	1.895	ug/l	94
51) cis-1,3-Dichloropropene	7.602	75	36146	1.937	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	23518	2.034	ug/l	93
53) 1,3-Dichloropropane	8.570	76	39207	1.971	ug/l	99
54) 2-Hexanone	8.689	43	49648	9.306	ug/l	93
55) Dibromochloromethane	8.801	129	24563	2.059	ug/l	94
56) 1,2-Dibromoethane	8.917	107	18683	1.994	ug/l	98
58) Tetrachloroethene	8.544	164	27373	1.926	ug/l	99
59) Chlorobenzene	9.441	112	71454	1.983	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	26070	2.010	ug/l	99
61) Pentachloroethane	11.415	117	21697	2.054	ug/l	99
62) Hexachloroethane	12.467	117	19521	2.055	ug/l	93
63) Ethyl Benzene	9.563	91	106685	1.847	ug/l	99
64) m/p-Xylenes	9.689	106	81423	3.652	ug/l	99
65) o-Xylene	10.094	106	41023	1.870	ug/l	98
66) Styrene	10.110	104	67388	1.885	ug/l	100
67) Bromoform	10.284	173	12540	1.924	ug/l	99
69) Isopropylbenzene	10.476	105	96677	1.902	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	31204	2.110	ug/l	95
71) 1,2,3-Trichloropropane	10.817	75	25864m	2.142	ug/l	
72) Bromobenzene	10.775	156	28615	2.006	ug/l	84
73) n-propylbenzene	10.898	120	28876	1.875	ug/l	100
74) 2-Chlorotoluene	10.978	126	27018	1.916	ug/l	93
75) 1,3,5-Trimethylbenzene	11.081	105	94170	1.875	ug/l	100
76) 4-Chlorotoluene	11.091	126	28464	1.927	ug/l	93
77) tert-Butylbenzene	11.412	119	92815	1.987	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	93074	1.868	ug/l	99
79) sec-Butylbenzene	11.634	105	130070	1.966	ug/l	100
80) Nitrobenzene	13.219	77	6539m	10.648	ug/l	
81) p-Isopropyltoluene	11.785	119	100602	1.929	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	60701	2.054	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	64281	2.096	ug/l	97
84) n-Butylbenzene	12.203	91	100136	1.849	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	56088	1.983	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.988	75	4052	1.993	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	29627	1.879	ug/l	99
88) Hexachlorobutadiene	14.013	225	22213	1.986	ug/l	99
89) Naphthalene	14.084	128	45684	2.155	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	28751	1.833	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.104 min Scan# 1496
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

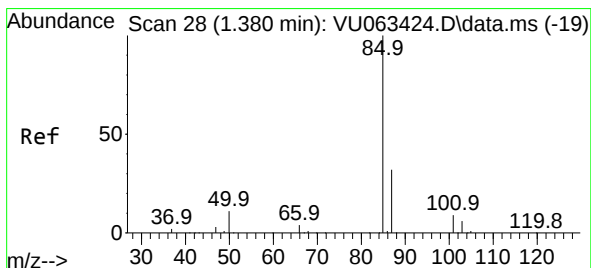
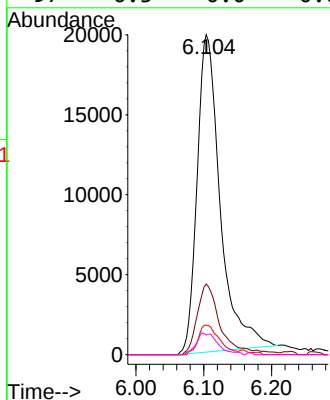
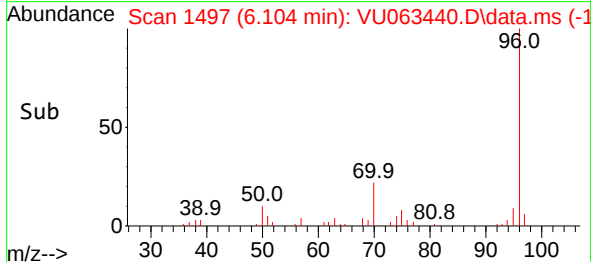
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



Tgt Ion: 96 Resp: 4703
Ion Ratio Lower Upper
96 100
70 19.9 16.4 24.6
95 7.5 6.2 9.2
97 6.3 0.0 0.0#

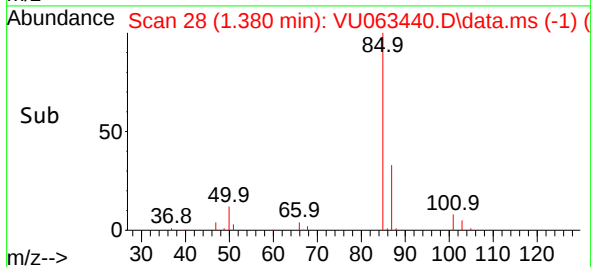
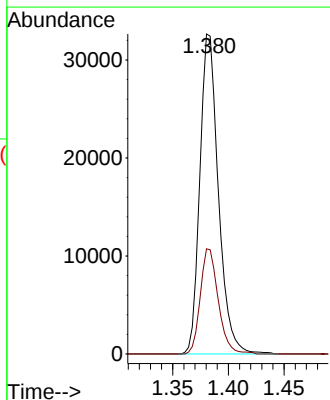
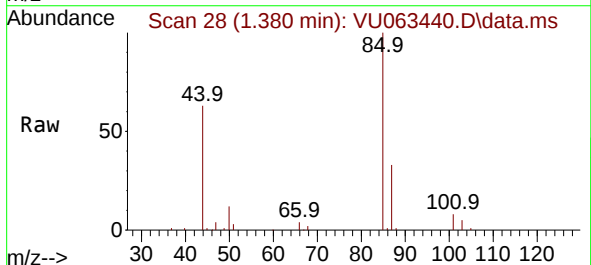
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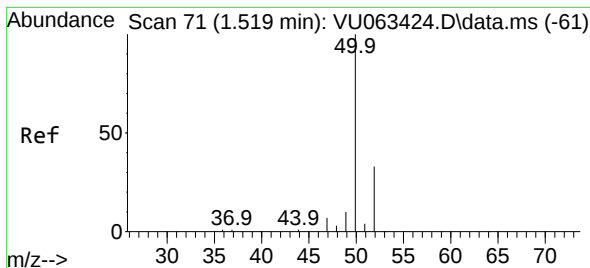
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#2
Dichlorodifluoromethane
Concen: 2.091 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion: 85 Resp: 37778
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.5





#3

Chloromethane

Concen: 1.771 ug/l

RT: 1.519 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS02

Tgt Ion: 50 Resp: 4214

Ion Ratio Lower Upper

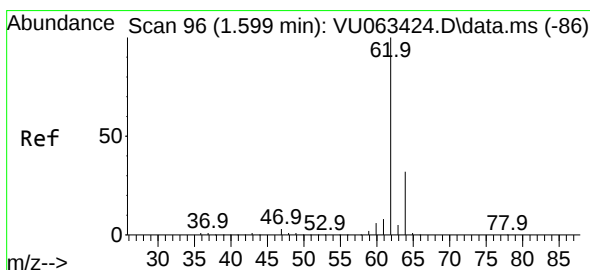
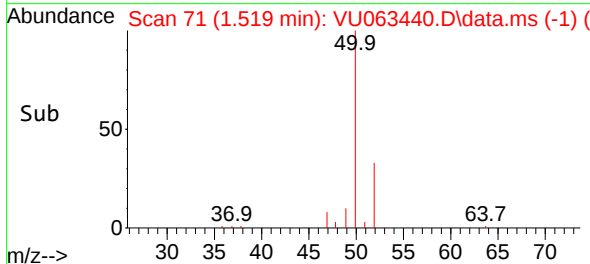
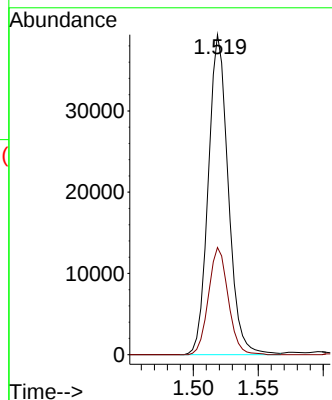
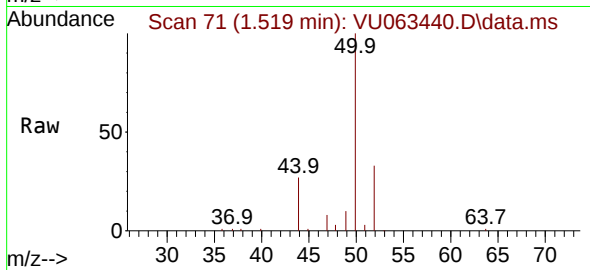
50 100

52 33.5 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.848 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063440.D

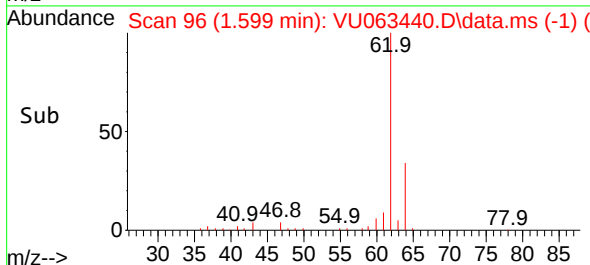
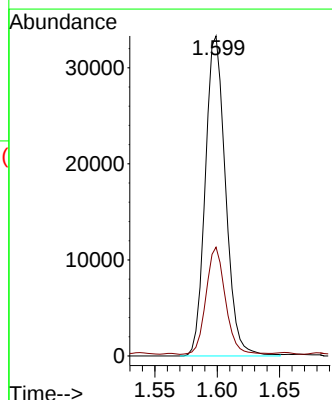
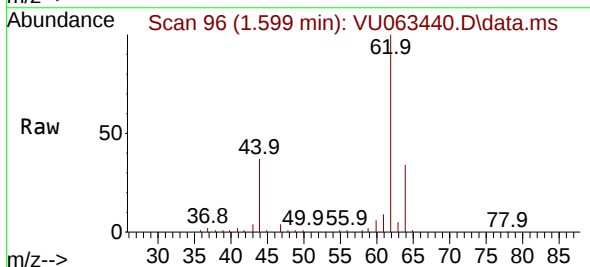
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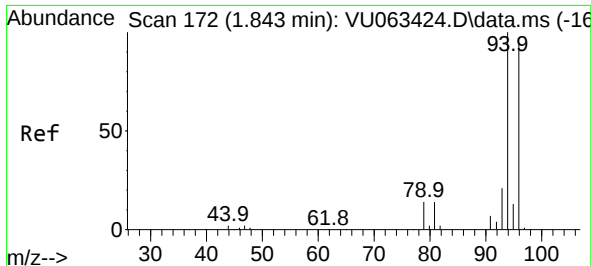
Tgt Ion: 62 Resp: 37670

Ion Ratio Lower Upper

62 100

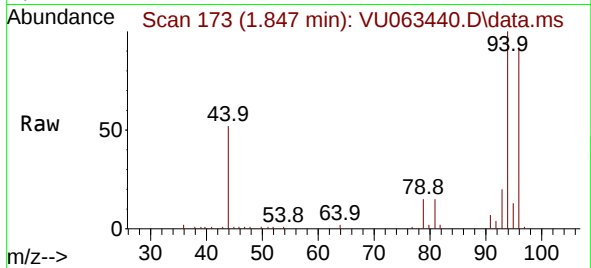
64 33.5 25.7 38.5





#5
Bromomethane
Concen: 2.486 ug/l
RT: 1.847 min Scan# 173
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

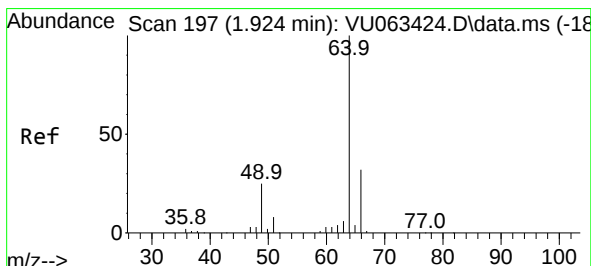
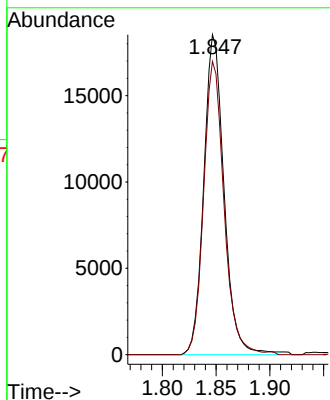
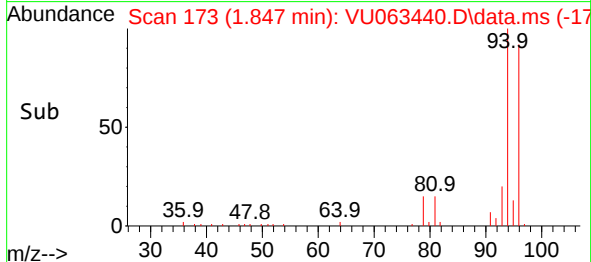
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



Tgt Ion: 94 Resp: 2426
Ion Ratio Lower Upper
94 100
96 91.7 74.8 112.2

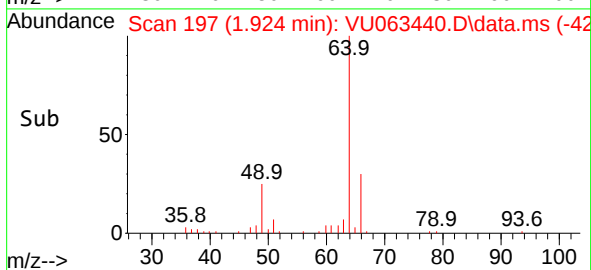
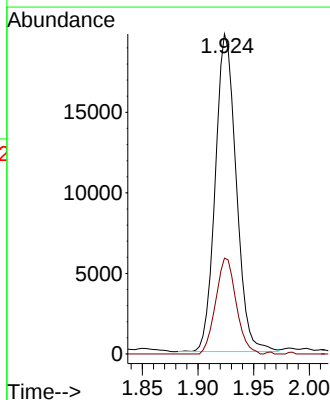
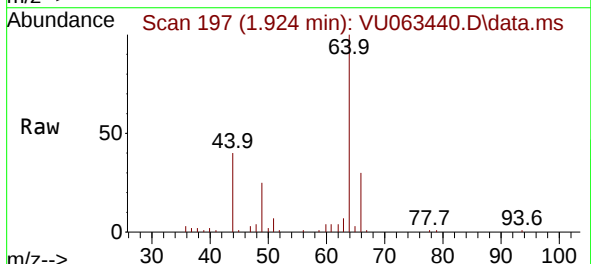
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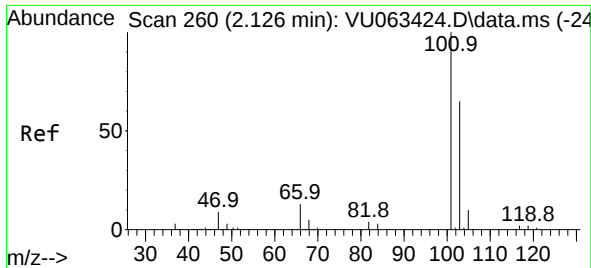
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#6
Chloroethane
Concen: 2.138 ug/l
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

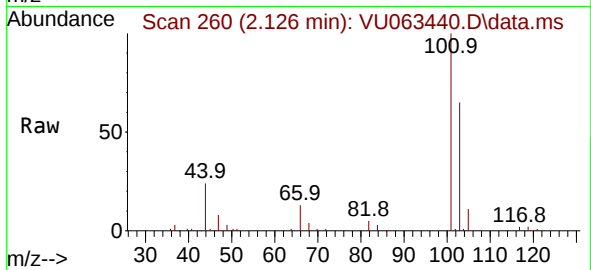
Tgt Ion: 64 Resp: 25802
Ion Ratio Lower Upper
64 100
66 30.2 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 2.076 ug/l
 RT: 2.126 min Scan# 260
 Delta R.T. -0.000 min
 Lab File: VU063440.D
 Acq: 24 Jun 2025 16:23

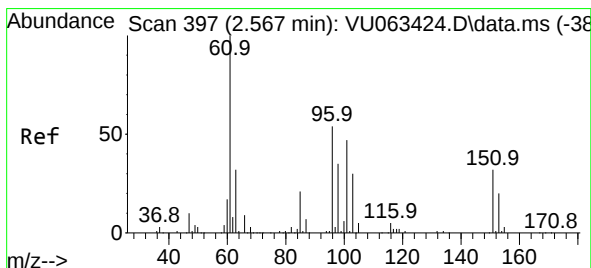
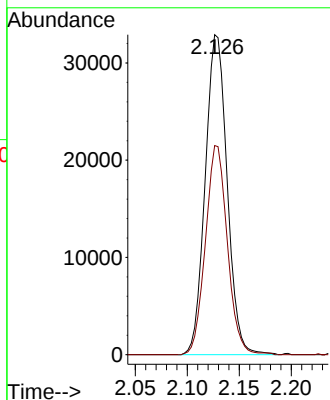
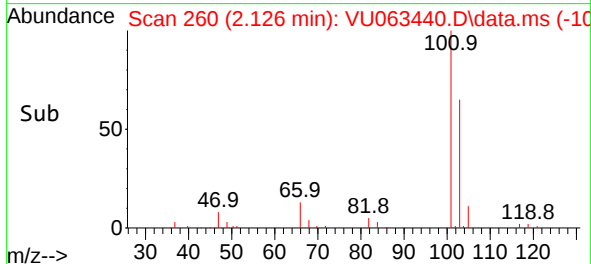
Instrument :
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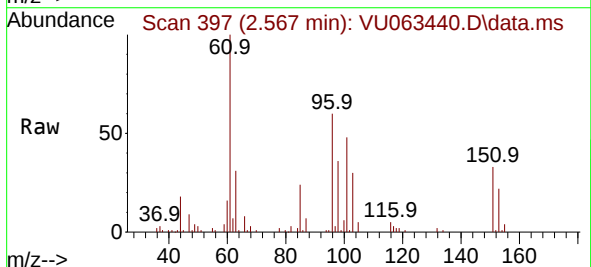
Tgt Ion:101 Resp: 4825
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5

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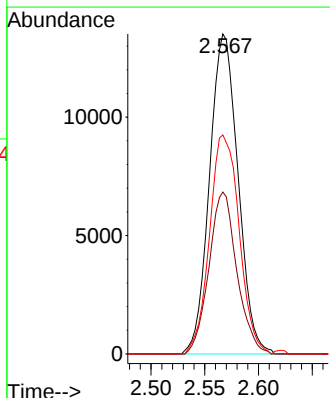
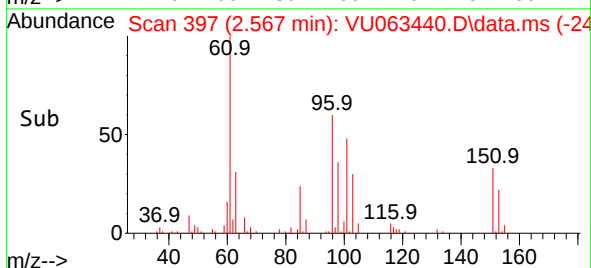
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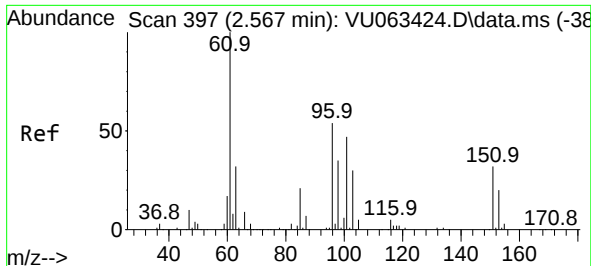


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.014 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063440.D
 Acq: 24 Jun 2025 16:23



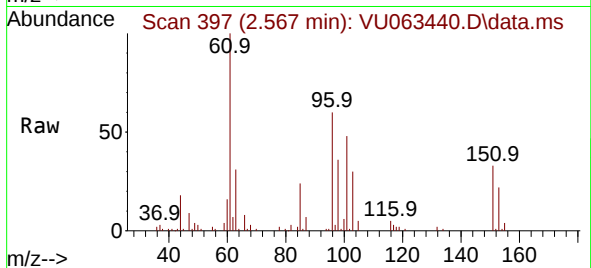
Tgt Ion:101 Resp: 24929
 Ion Ratio Lower Upper
 101 100
 85 49.5 36.7 55.1
 151 71.1 53.9 80.9





#9
1,1-Dichloroethene
Concen: 2.151 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

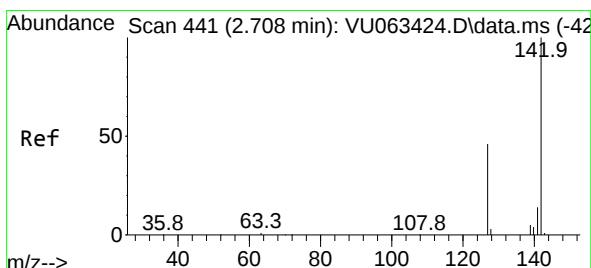
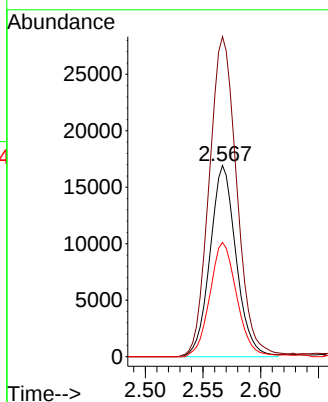
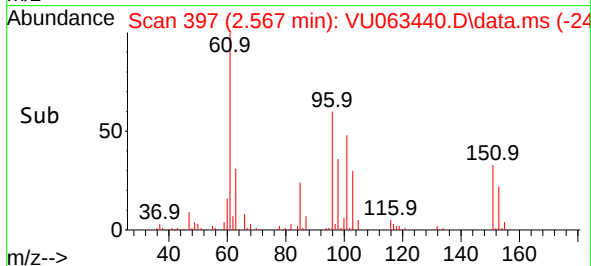
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



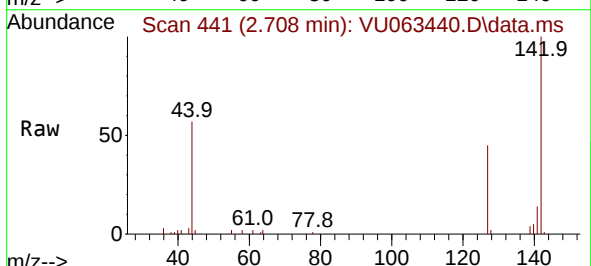
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Ion Ratio Lower Upper
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61 167.4 0.0 552.0
98 59.8 0.0 128.4

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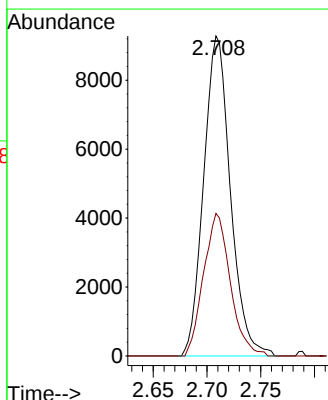
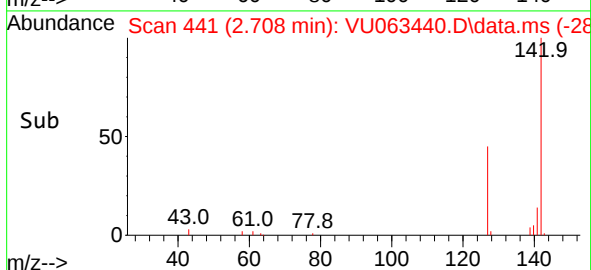
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

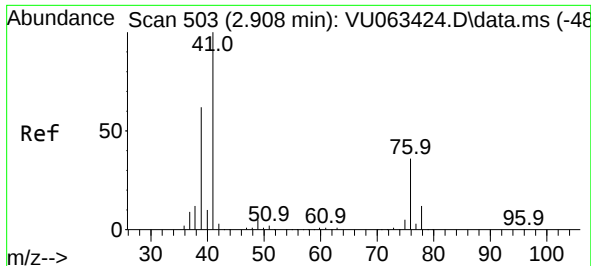


#10
Iodomethane
Concen: 1.611 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23



Tgt Ion:142 Resp: 16059
Ion Ratio Lower Upper
142 100
127 44.6 36.9 55.3





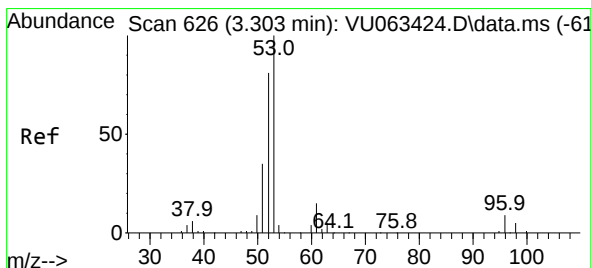
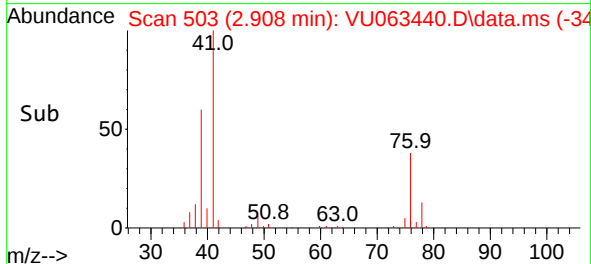
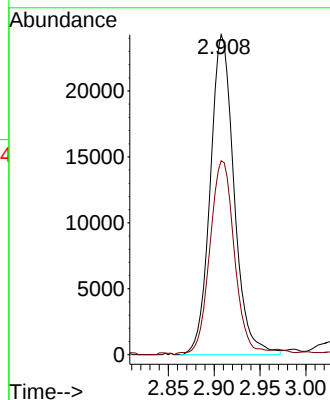
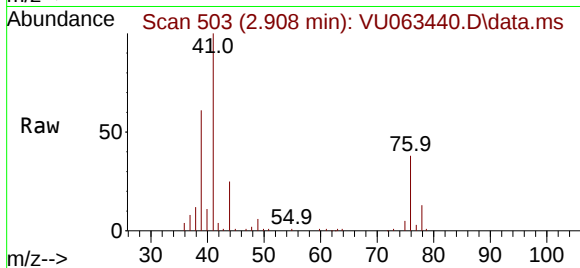
#11
 Allyl Chloride
 Concen: 1.996 ug/l
 RT: 2.908 min Scan# 503
 Delta R.T. -0.000 min
 Lab File: VU063440.D
 Acq: 24 Jun 2025 16:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBS02

Tgt Ion: 41 Resp: 43910
 Ion Ratio Lower Upper
 41 100
 39 62.4 50.3 75.5

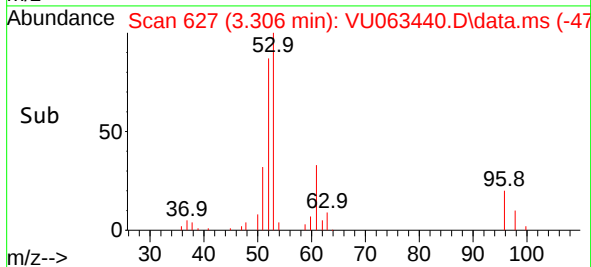
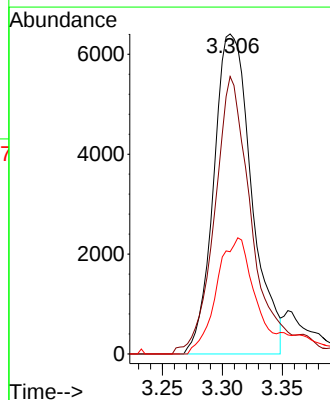
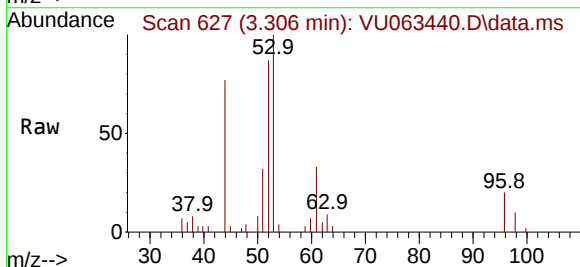
Manual Integrations
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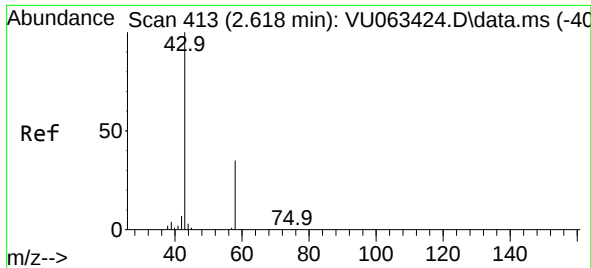
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#12
 Acrylonitrile
 Concen: 3.955 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063440.D
 Acq: 24 Jun 2025 16:23

Tgt Ion: 53 Resp: 14113
 Ion Ratio Lower Upper
 53 100
 52 83.6 62.8 94.2
 51 36.2 26.2 39.4





#13

Acetone

Concen: 8.691 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS02

Tgt Ion: 43 Resp: 2710

Ion Ratio Lower Upper

43 100

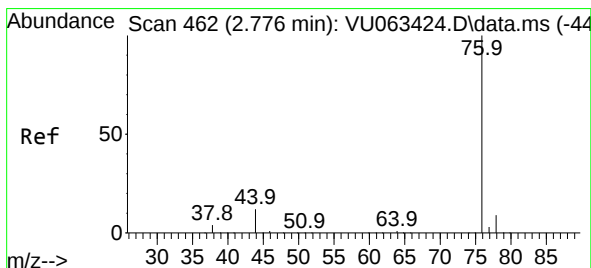
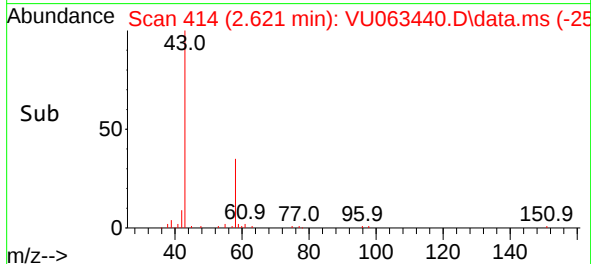
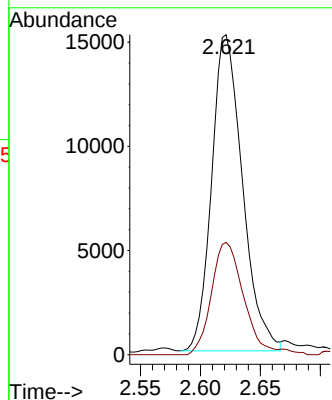
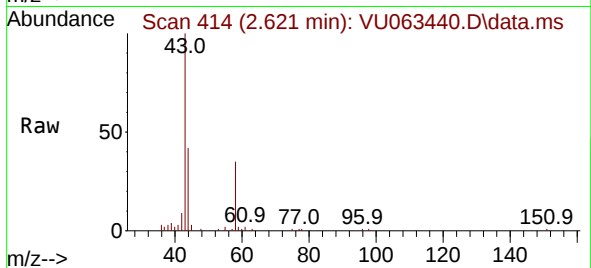
58 35.5 28.3 42.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#14

Carbon Disulfide

Concen: 1.989 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063440.D

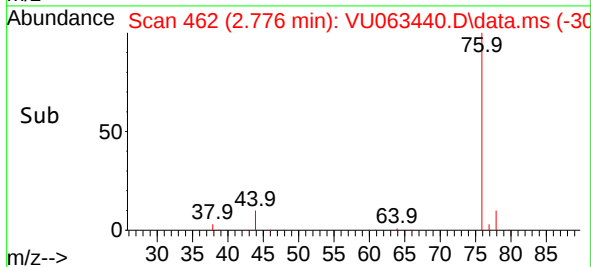
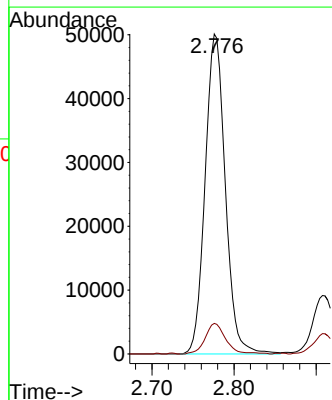
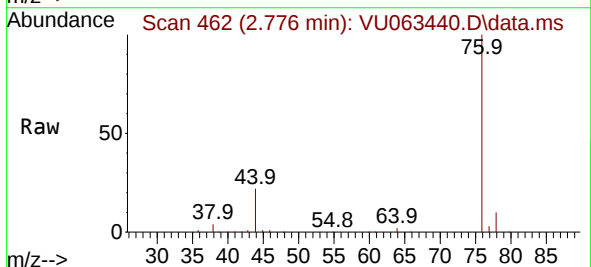
Acq: 24 Jun 2025 16:23

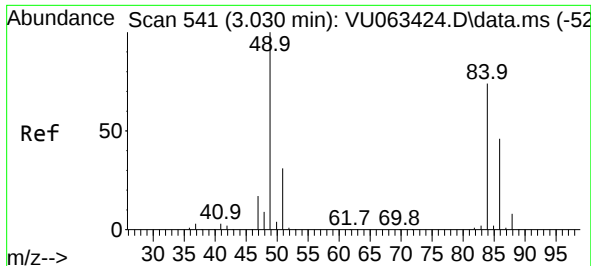
Tgt Ion: 76 Resp: 85655

Ion Ratio Lower Upper

76 100

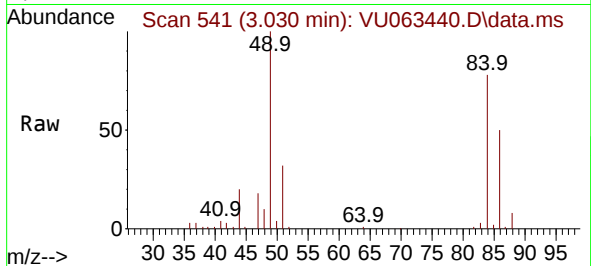
78 9.6 6.9 10.3





#15
Methylene Chloride
Concen: 2.058 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

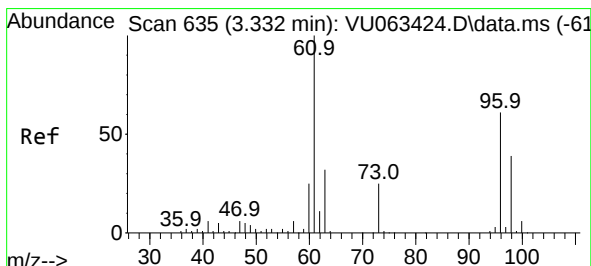
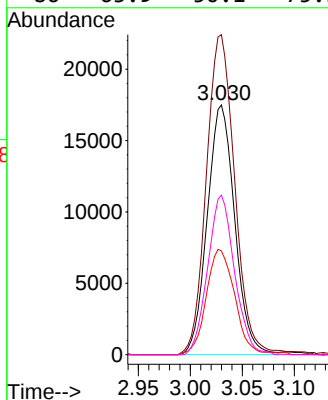
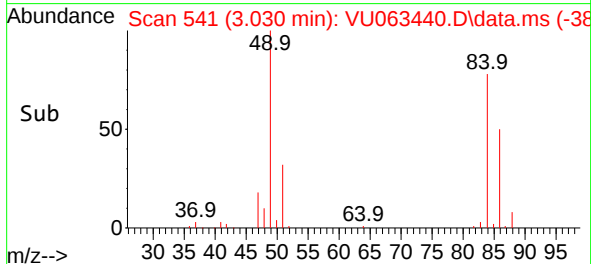
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



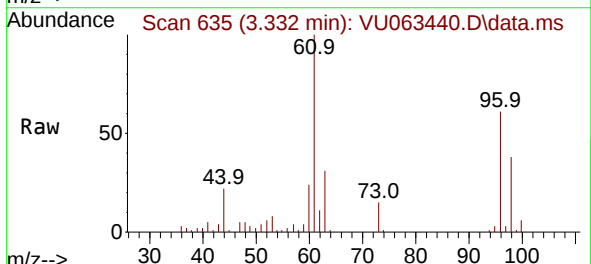
Tgt Ion: 84 Resp: 3221
Ion Ratio Lower Upper
84 100
49 128.1 108.7 163.1
51 41.5 0.0 83.8
86 63.9 50.1 75.1

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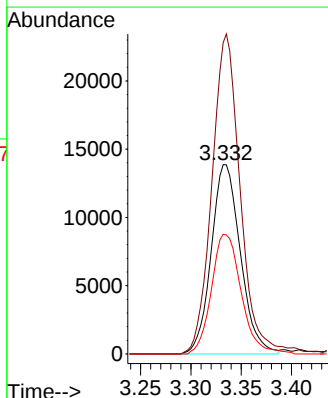
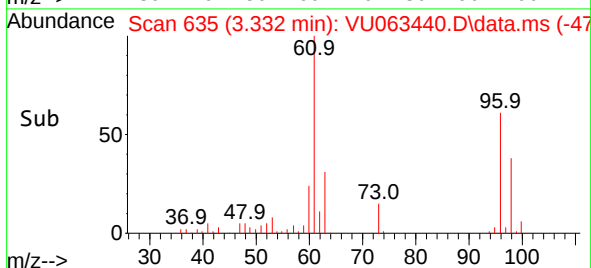
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#16
trans-1,2-Dichloroethene
Concen: 2.016 ug/l
RT: 3.332 min Scan# 635
Delta R.T. 0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23



Tgt Ion: 96 Resp: 28010
Ion Ratio Lower Upper
96 100
61 164.4 132.1 198.1
98 63.2 51.0 76.4





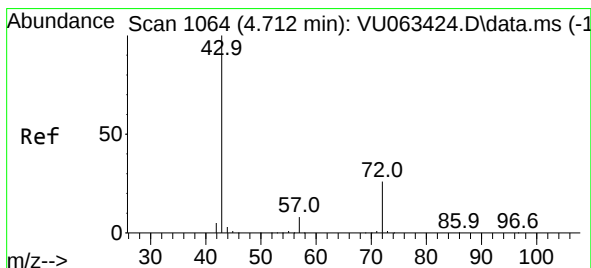
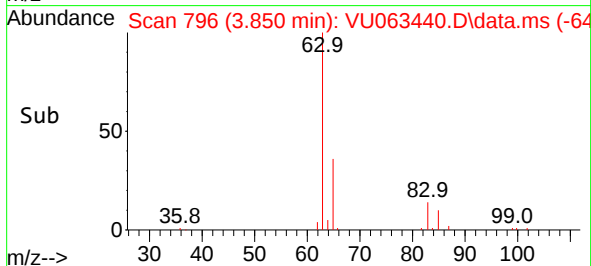
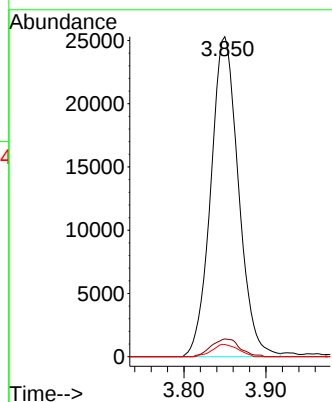
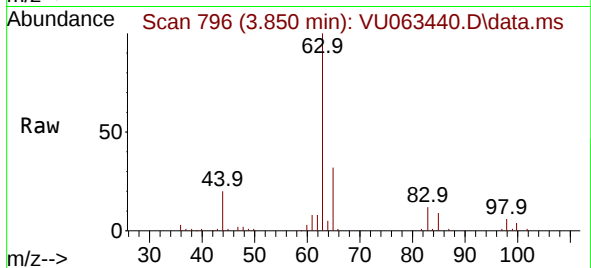
#17
1,1-Dichloroethane
Concen: 2.034 ug/l
RT: 3.850 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion: 63 Resp: 5936
Ion Ratio Lower Upper
63 100
98 5.5 2.8 8.4
100 3.8 1.9 5.7

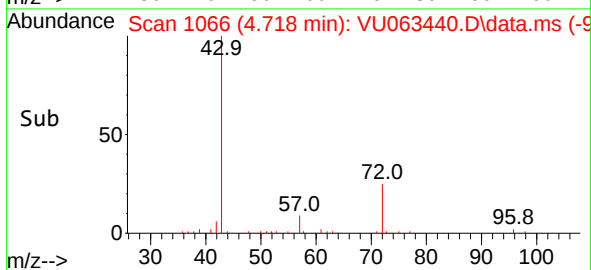
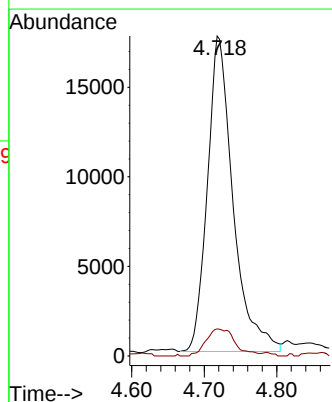
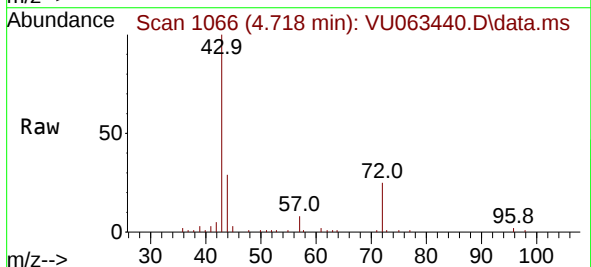
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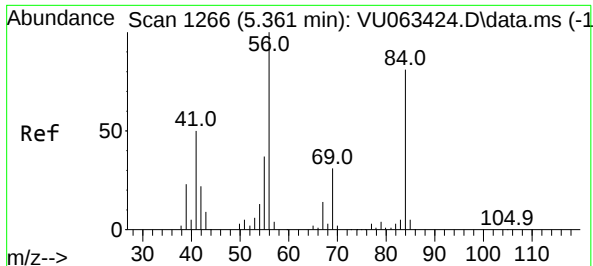
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#18
2-Butanone
Concen: 8.683 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion: 43 Resp: 43241
Ion Ratio Lower Upper
43 100
57 9.4 0.0 16.0





#19

Cyclohexane

Concen: 1.866 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

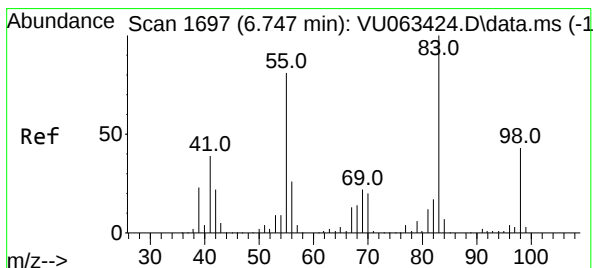
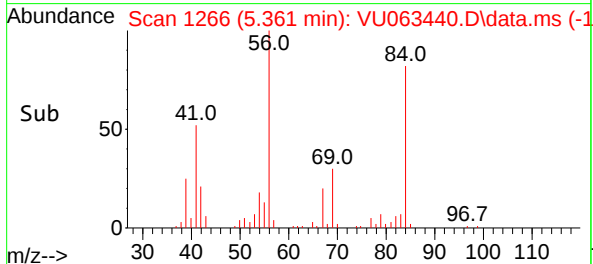
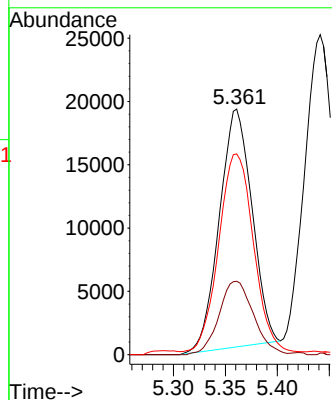
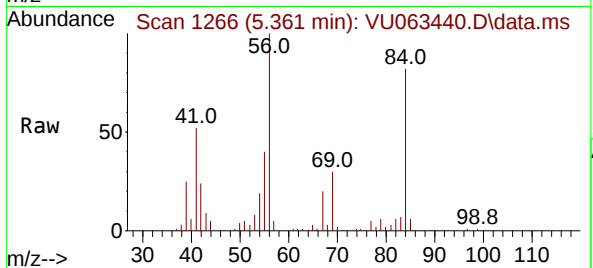
VU0624WBS02

Tgt Ion:	56	Resp:	4120
Ion Ratio	Lower	Upper	
56	100		
69	31.7	26.4	39.6
84	87.7	68.6	102.8

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 1.654 ug/l

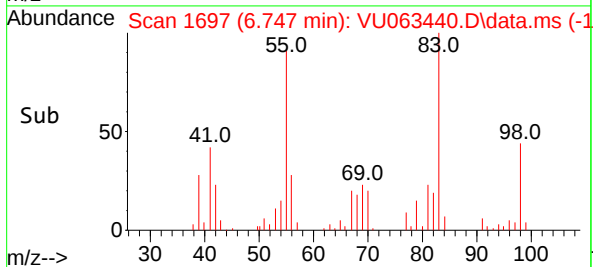
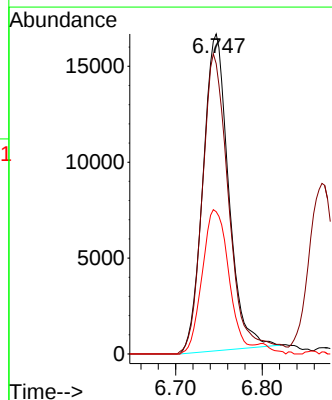
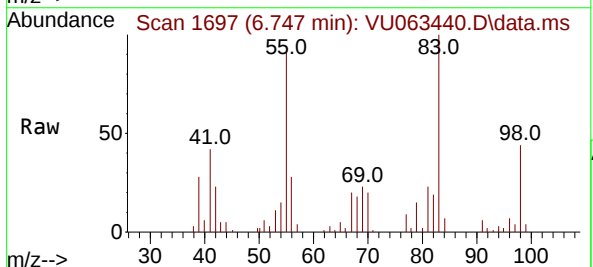
RT: 6.747 min Scan# 1697

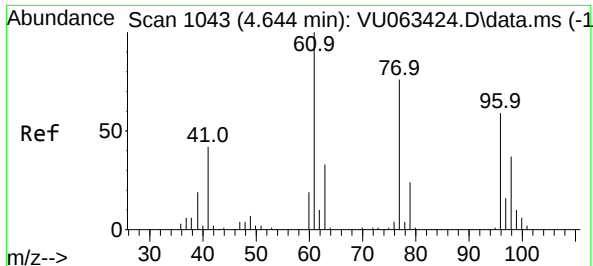
Delta R.T. -0.000 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Tgt Ion:	83	Resp:	33909
Ion Ratio	Lower	Upper	
83	100		
55	94.9	63.5	95.3
98	44.1	34.2	51.4





#21

2,2-Dichloropropane

Concen: 2.018 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS02

Tgt Ion: 77 Resp: 4184

Ion Ratio Lower Upper

77 100

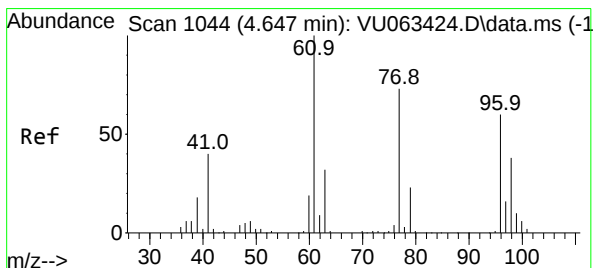
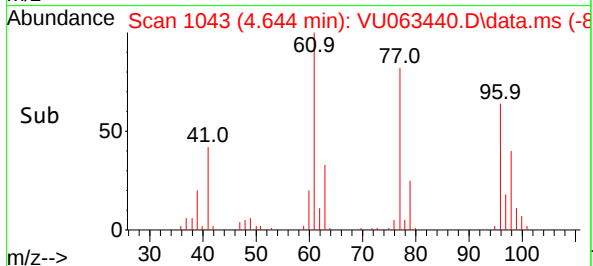
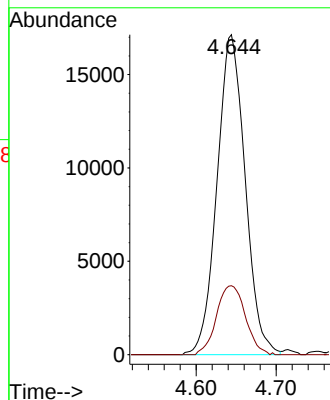
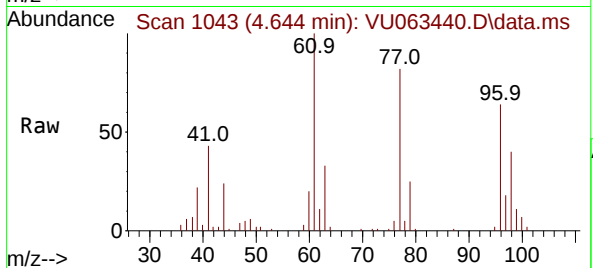
97 22.2 17.2 25.8

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Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#22

cis-1,2-Dichloroethene

Concen: 2.066 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

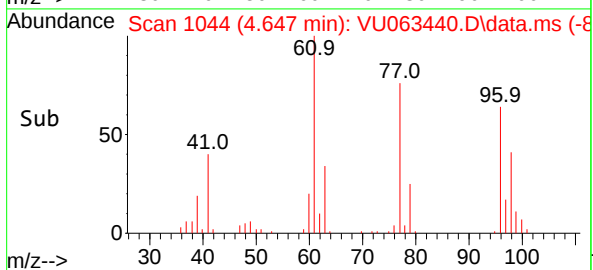
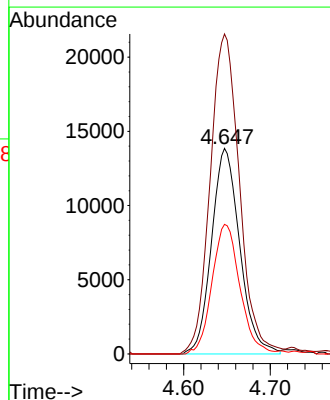
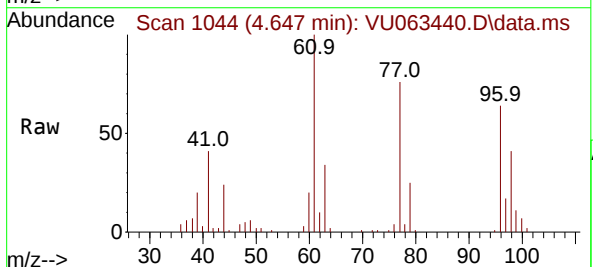
Tgt Ion: 96 Resp: 31341

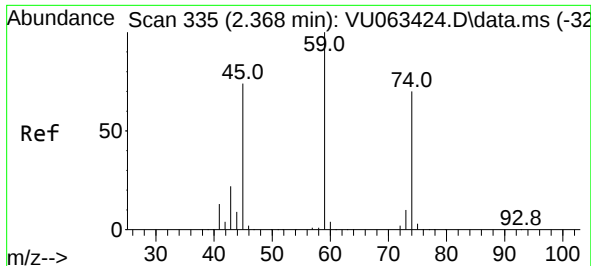
Ion Ratio Lower Upper

96 100

61 161.6 0.0 434.3

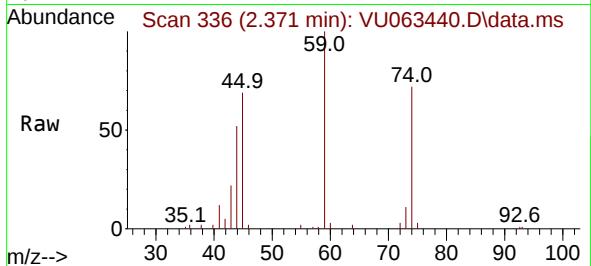
98 62.3 31.9 95.7





#23
Diethyl Ether
Concen: 2.028 ug/l
RT: 2.371 min Scan# 335
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

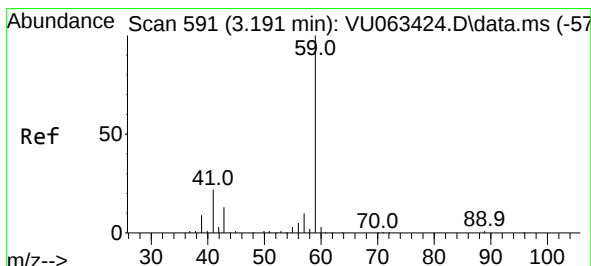
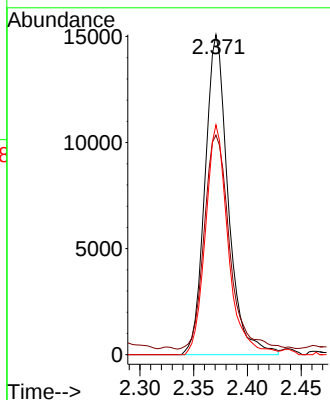
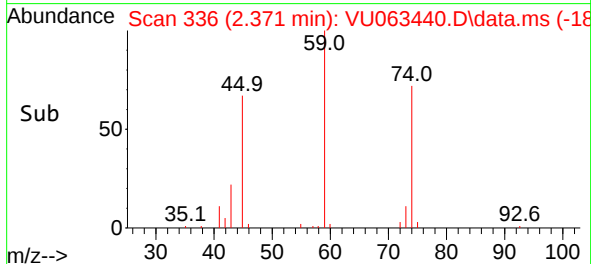
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



Tgt Ion: 59 Resp: 22590
Ion Ratio Lower Upper
59 100
45 72.7 60.7 91.1
74 70.6 55.8 83.6

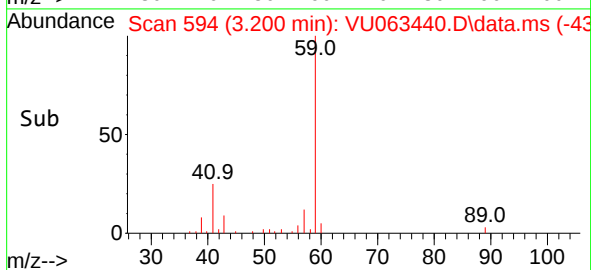
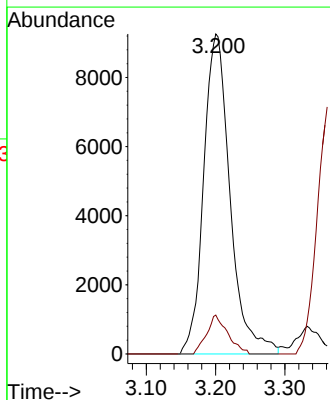
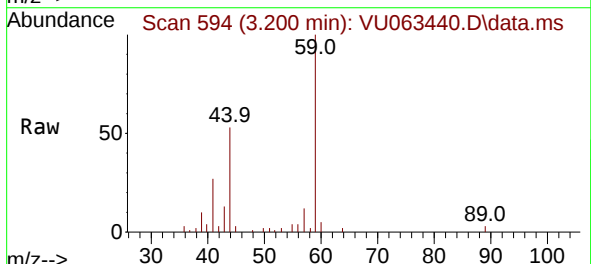
Manual Integrations
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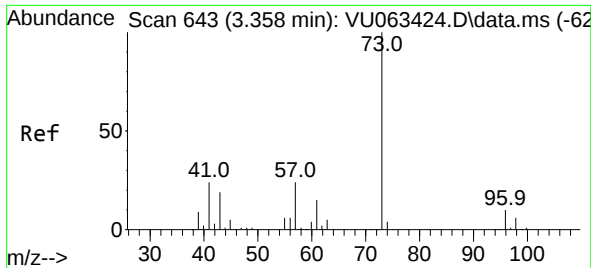
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#24
tert-Butyl Alcohol
Concen: 20.916 ug/l
RT: 3.200 min Scan# 594
Delta R.T. 0.010 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion: 59 Resp: 24554
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8





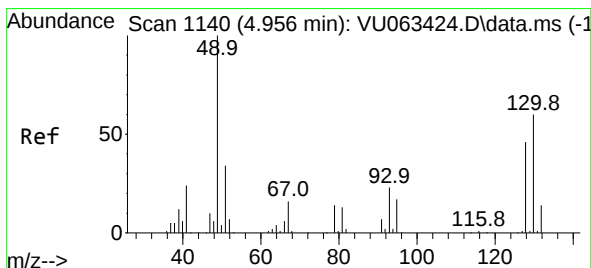
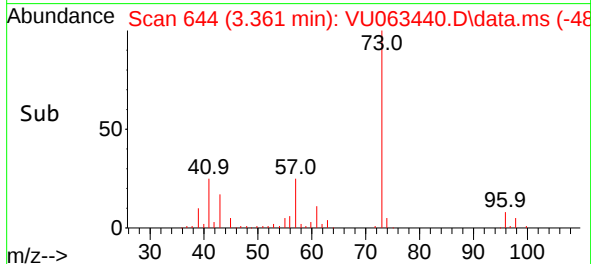
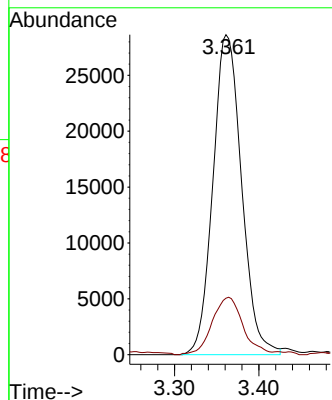
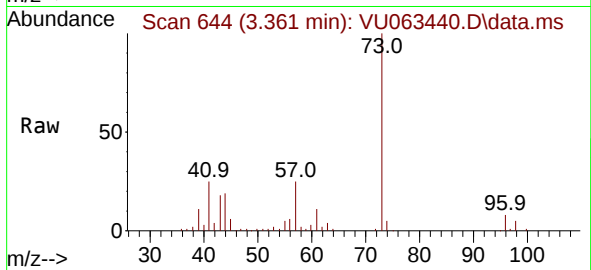
#25
Methyl tert-Butyl Ether
Concen: 2.012 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion: 73 Resp: 67574
Ion Ratio Lower Upper
73 100
43 19.3 15.1 22.7

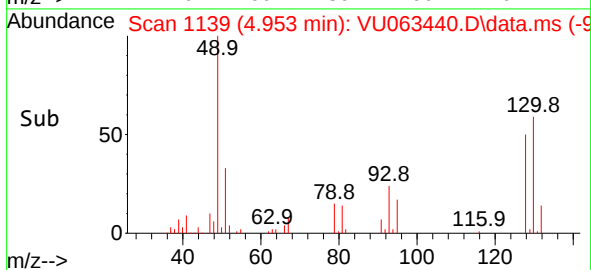
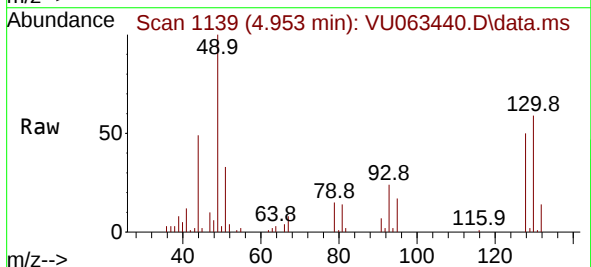
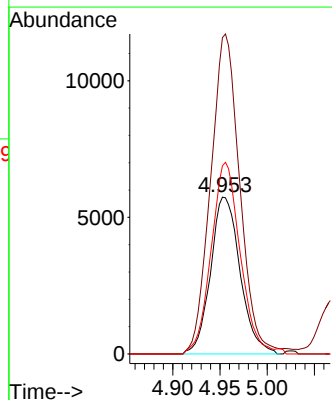
Manual Integrations
APPROVED

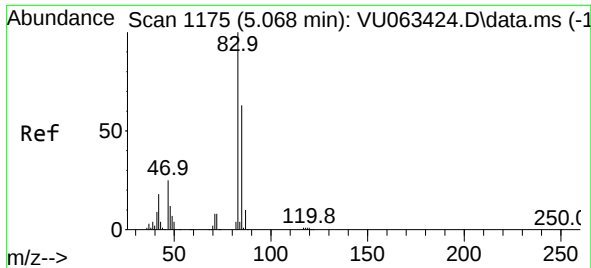
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#26
Bromochloromethane
Concen: 2.111 ug/l
RT: 4.953 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

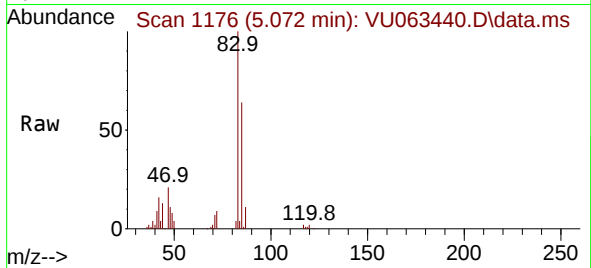
Tgt Ion:128 Resp: 12462
Ion Ratio Lower Upper
128 100
49 202.8 0.0 441.2
130 120.1 102.3 153.5





#27
Chloroform
Concen: 2.156 ug/l
RT: 5.072 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

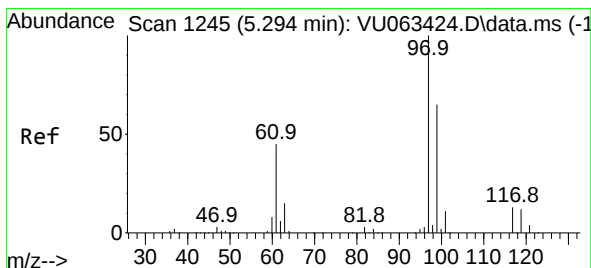
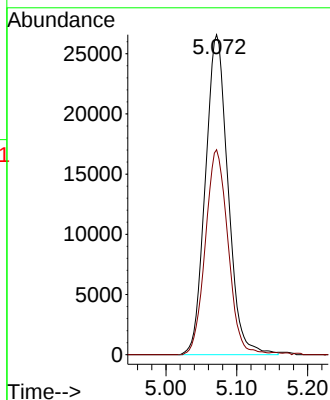
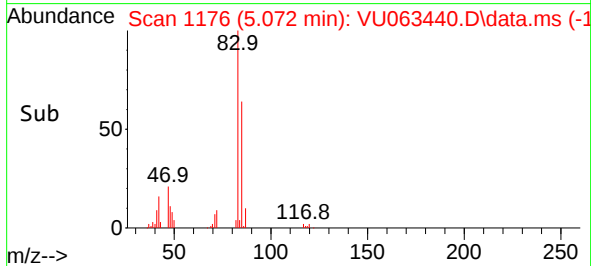
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



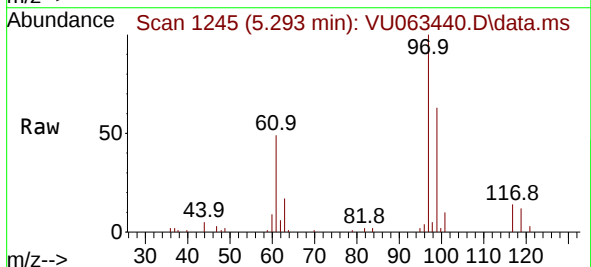
Tgt Ion: 83 Resp: 58980
Ion Ratio Lower Upper
83 100
85 64.1 0.0 126.8

Manual Integrations
APPROVED

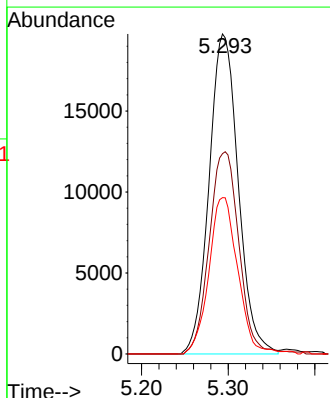
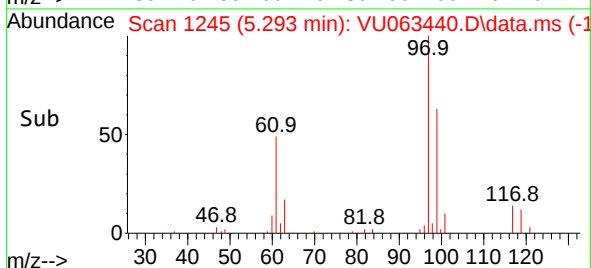
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

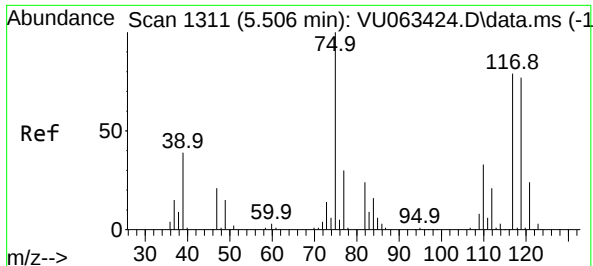


#28
1,1,1-Trichloroethane
Concen: 2.086 ug/l
RT: 5.293 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23



Tgt Ion: 97 Resp: 46262
Ion Ratio Lower Upper
97 100
99 64.6 31.9 95.5
61 48.3 22.9 68.7





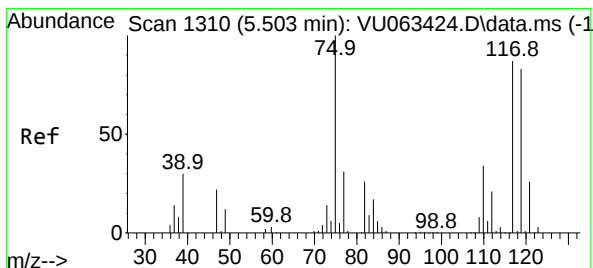
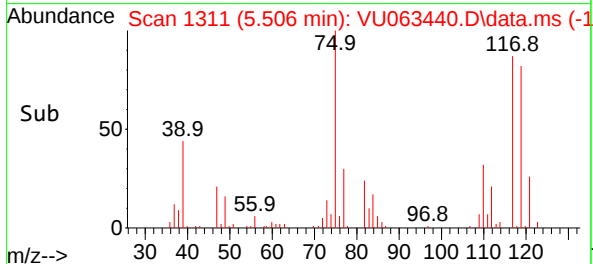
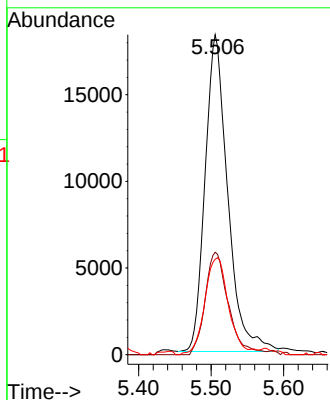
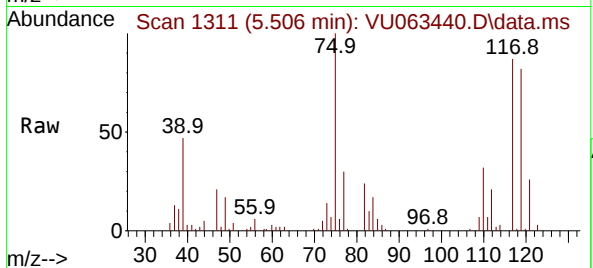
#29
1,1-Dichloropropene
Concen: 1.958 ug/l
RT: 5.506 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion: 75 Resp: 39674
Ion Ratio Lower Upper
75 100
110 33.1 17.4 52.2
77 31.9 25.4 38.0

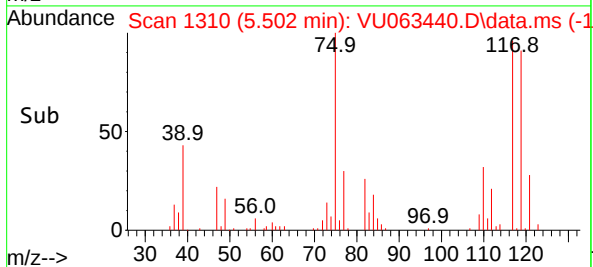
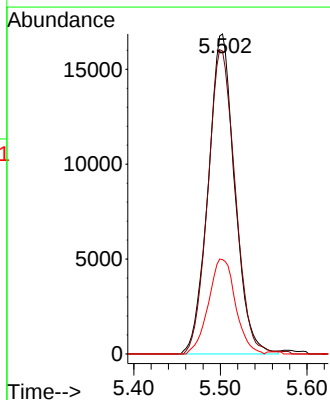
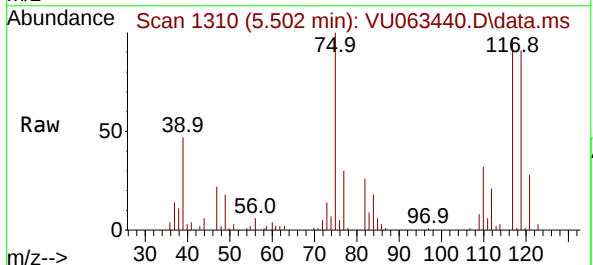
Manual Integrations
APPROVED

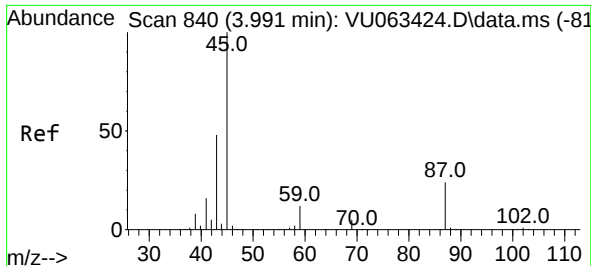
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30
Carbon Tetrachloride
Concen: 2.025 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

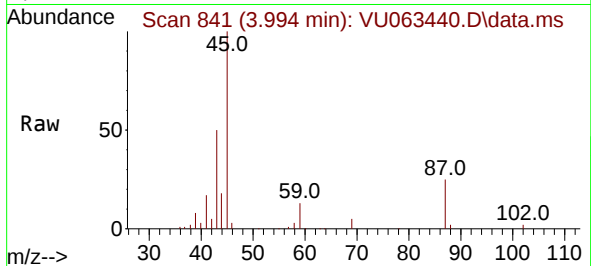
Tgt Ion:117 Resp: 35874
Ion Ratio Lower Upper
117 100
119 94.6 76.7 115.1
121 29.5 24.3 36.5





#31
Isopropyl Ether
Concen: 1.919 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

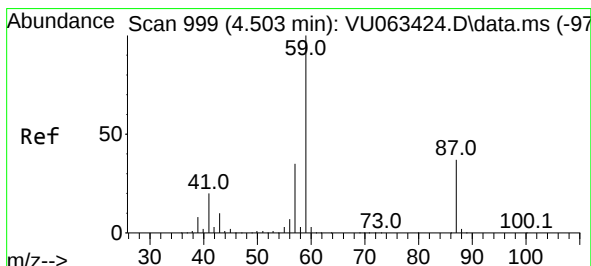
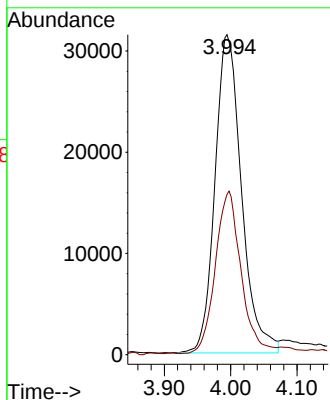
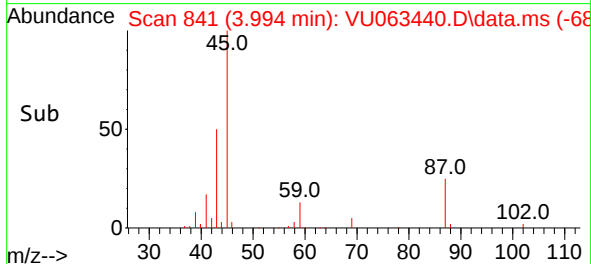
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



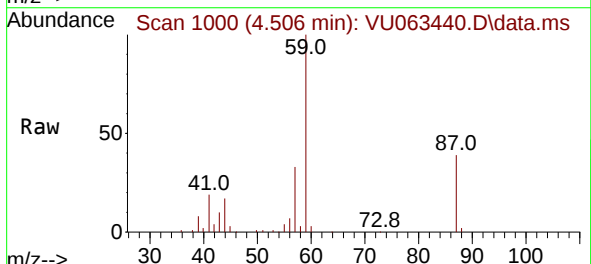
Tgt Ion: 45 Resp: 87450
Ion Ratio Lower Upper
45 100
43 49.3 23.8 71.5

Manual Integrations
APPROVED

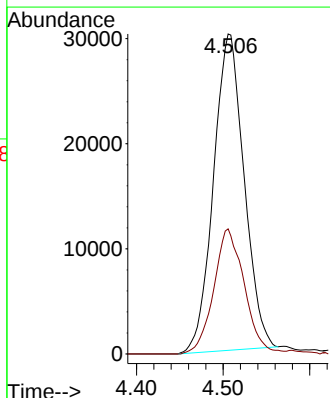
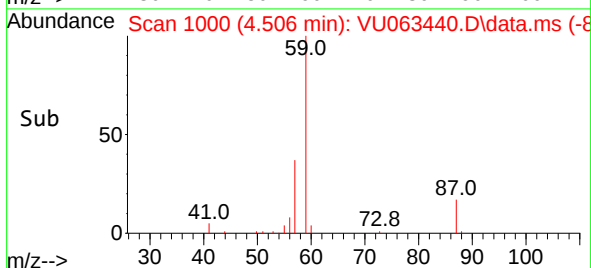
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#32
Ethyl-t-butyl ether
Concen: 1.909 ug/l
RT: 4.506 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23



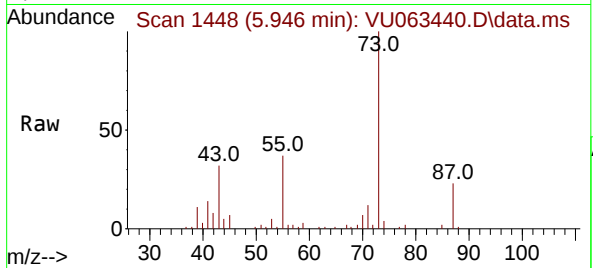
Tgt Ion: 59 Resp: 73762
Ion Ratio Lower Upper
59 100
87 38.3 29.9 44.9





#33
Tert-Amyl methyl ether
Concen: 1.890 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

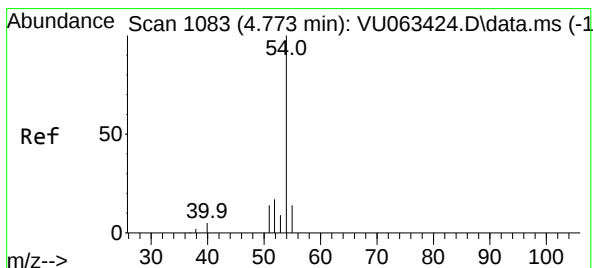
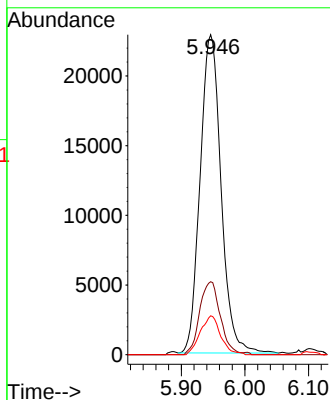
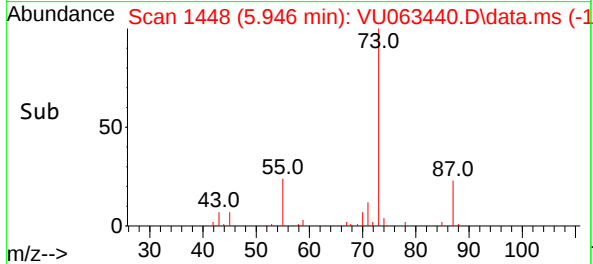
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



Tgt Ion: 73 Resp: 5228
Ion Ratio Lower Upper
73 100
87 21.9 18.1 27.1
71 11.8 10.0 15.0

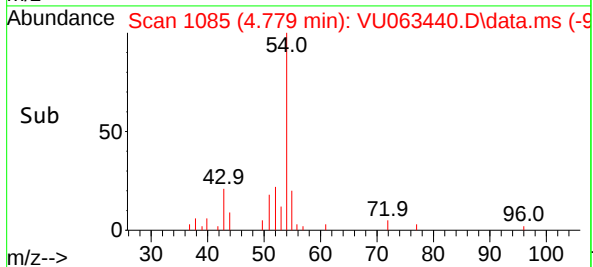
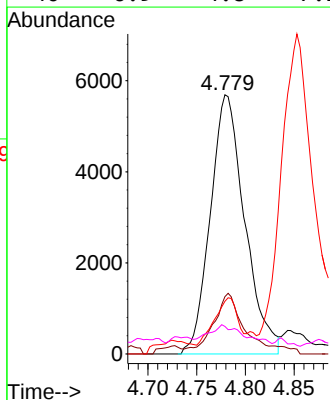
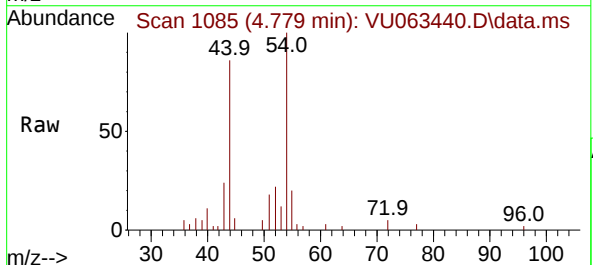
Manual Integrations
APPROVED

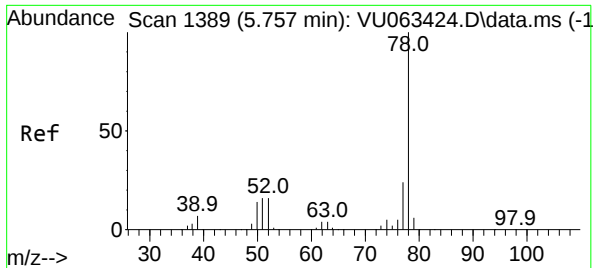
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#34
Propionitrile
Concen: 9.689 ug/l
RT: 4.779 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion: 54 Resp: 13958
Ion Ratio Lower Upper
54 100
52 22.1 14.8 22.2
55 13.9 12.2 18.2
40 6.9 4.8 7.2





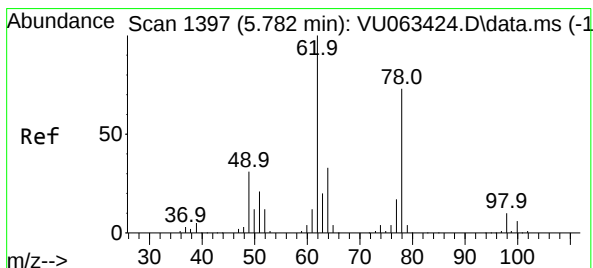
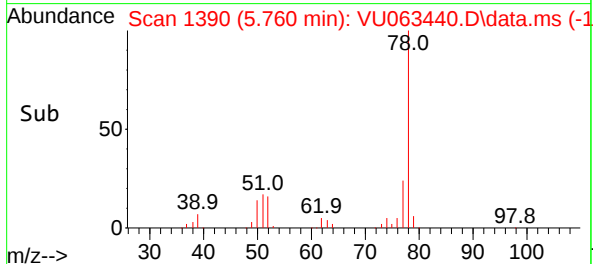
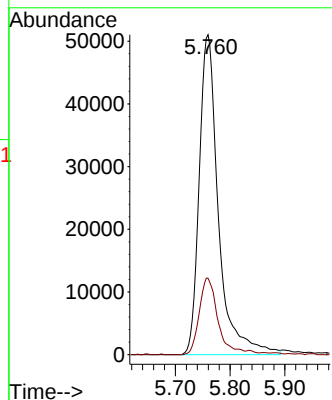
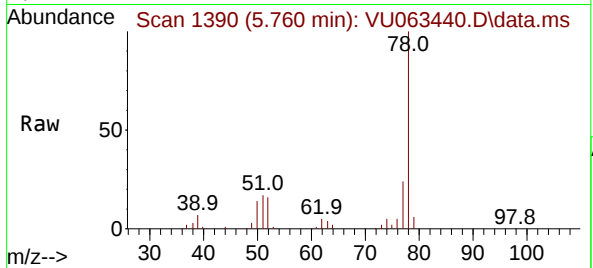
#35
Benzene
Concen: 2.033 ug/l
RT: 5.760 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion: 78 Resp: 12459
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.2

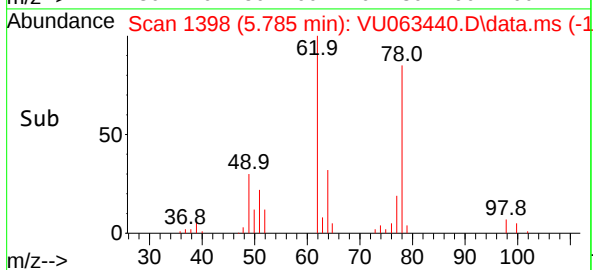
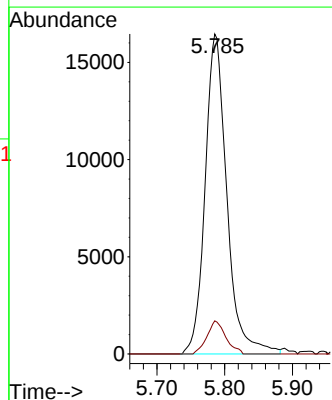
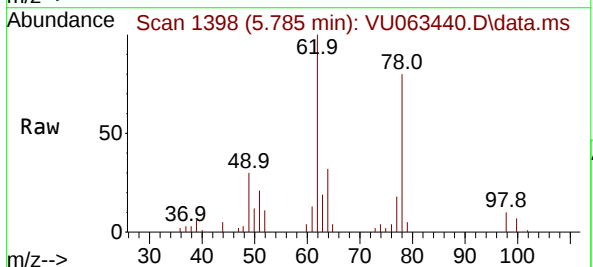
Manual Integrations
APPROVED

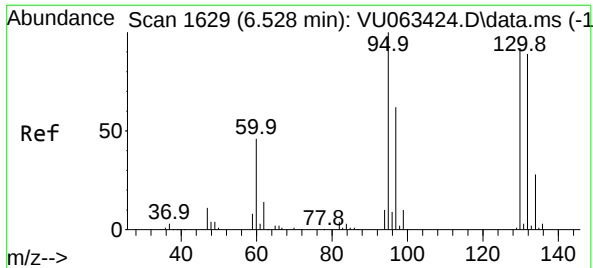
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#36
1,2-Dichloroethane
Concen: 2.049 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion: 62 Resp: 36705
Ion Ratio Lower Upper
62 100
98 9.0 7.1 10.7





#37

Trichloroethene

Concen: 1.980 ug/l

RT: 6.531 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS02

Tgt Ion:130 Resp: 2867

Ion Ratio Lower Upper

130 100

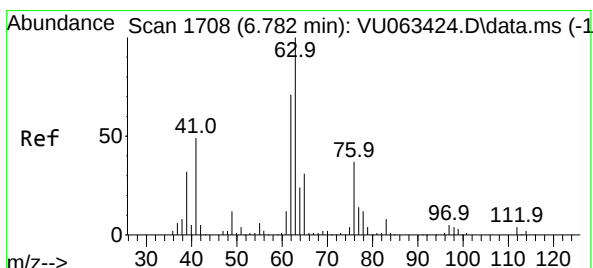
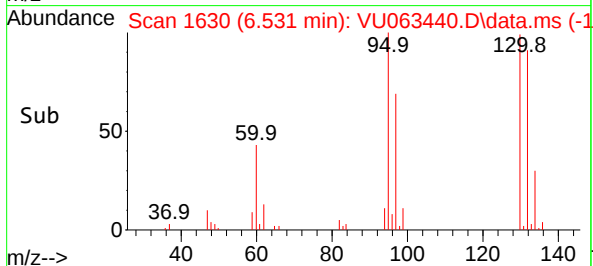
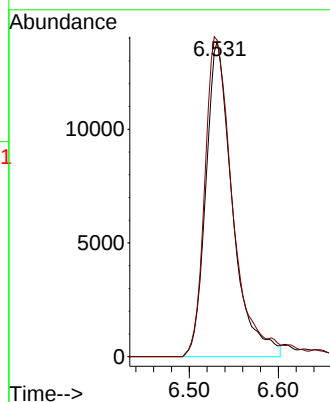
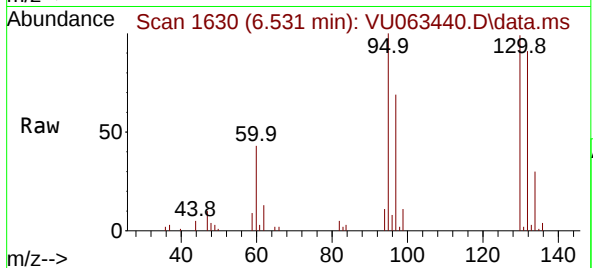
95 100.6 87.2 130.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#38

1,2-Dichloropropane

Concen: 2.034 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU063440.D

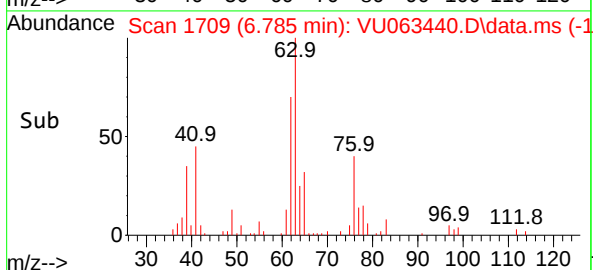
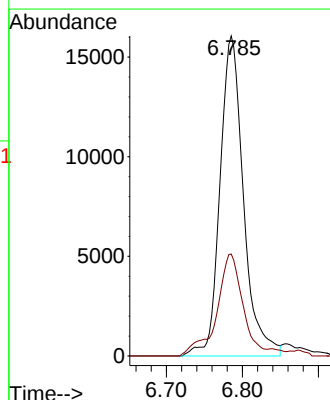
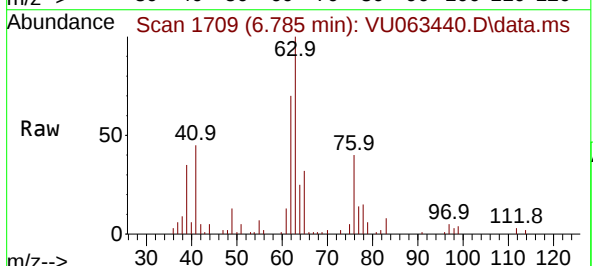
Acq: 24 Jun 2025 16:23

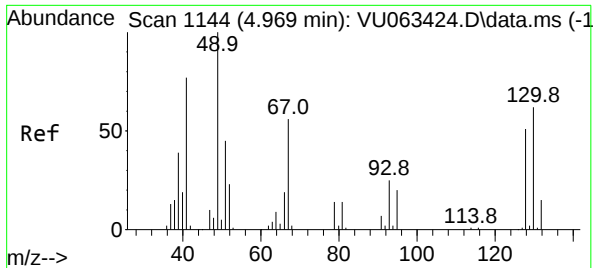
Tgt Ion: 63 Resp: 34425

Ion Ratio Lower Upper

63 100

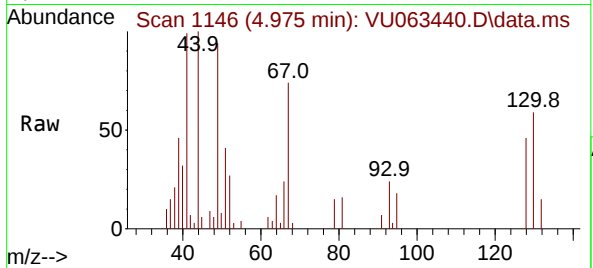
65 31.8 25.0 37.6





#39
Methacrylonitrile
Concen: 1.901 ug/l
RT: 4.975 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

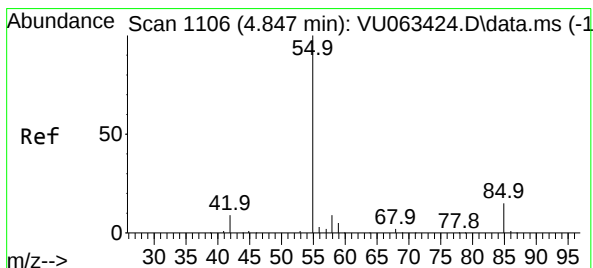
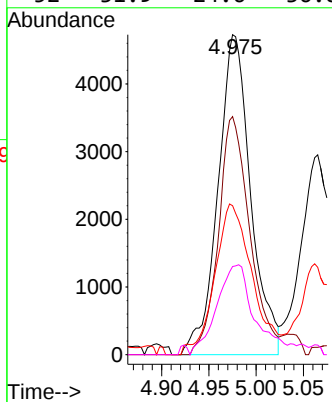
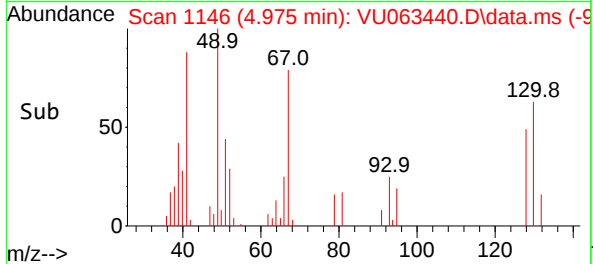
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



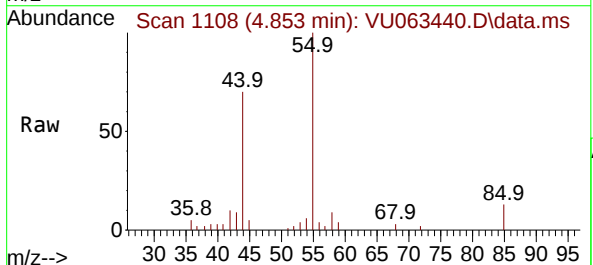
Tgt Ion: 41 Resp: 1139
Ion Ratio Lower Upper
41 100
67 71.2 59.8 89.8
39 53.6 40.7 61.1
52 31.9 24.6 36.8

Manual Integrations
APPROVED

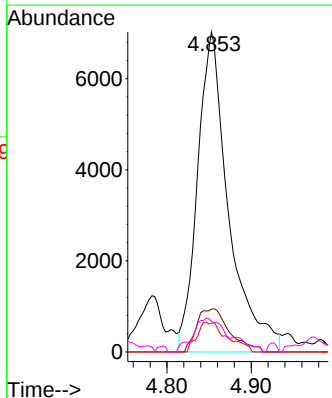
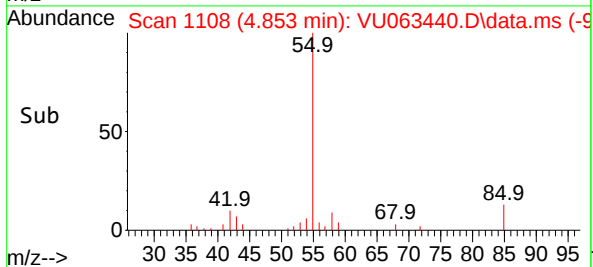
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#40
Methyl acrylate
Concen: 2.142 ug/l m
RT: 4.853 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23



Tgt Ion: 55 Resp: 18024
Ion Ratio Lower Upper
55 100
85 14.3 12.6 19.0
58 9.0 6.9 10.3
42 10.0 7.1 10.7





#41

Tetrahydrofuran

Concen: 3.736 ug/l

RT: 5.065 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

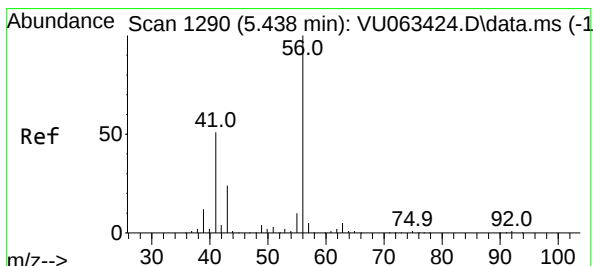
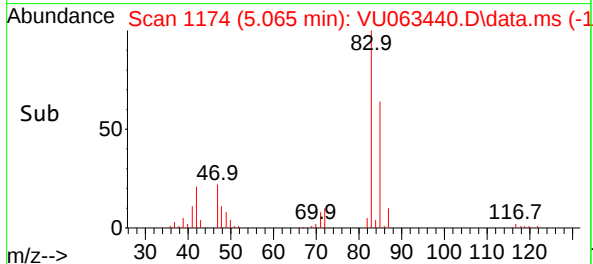
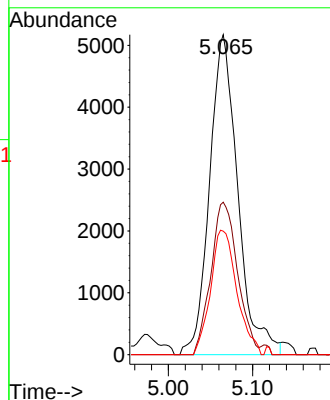
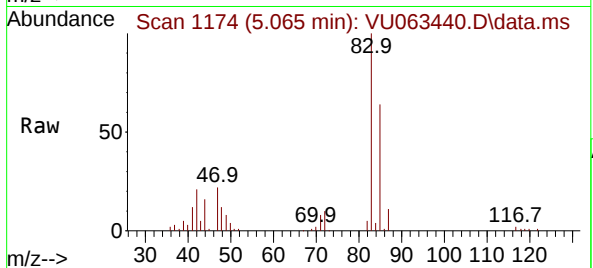
VU0624WBS02

Tgt Ion:	42	Resp:	1204
Ion Ratio	Lower	Upper	
42	100		
72	45.2	35.4	53.2
71	36.2	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: 1.984 ug/l

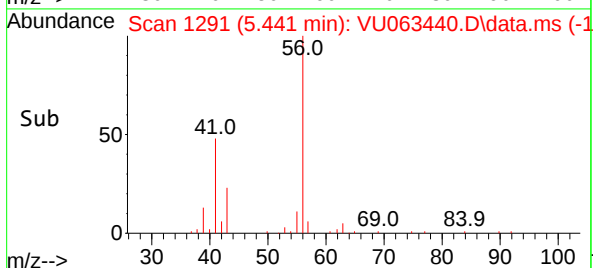
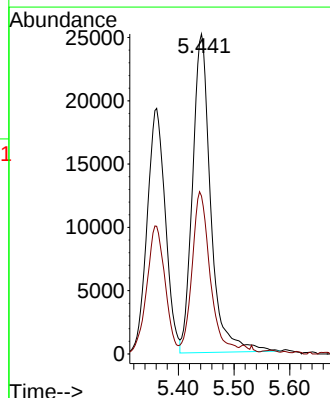
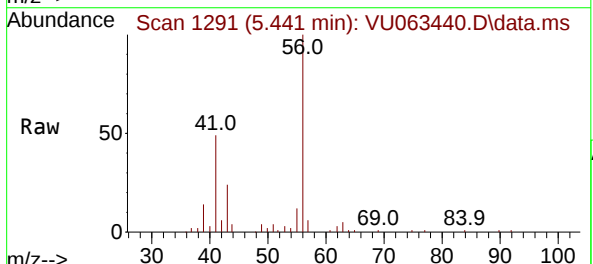
RT: 5.441 min Scan# 1291

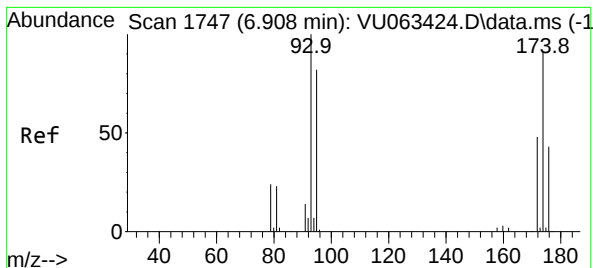
Delta R.T. 0.003 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Tgt Ion:	56	Resp:	57027
Ion Ratio	Lower	Upper	
56	100		
41	46.8	26.4	79.0





#43

Dibromomethane

Concen: 2.078 ug/l

RT: 6.911 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS02

Tgt Ion: 93 Resp: 1643

Ion Ratio Lower Upper

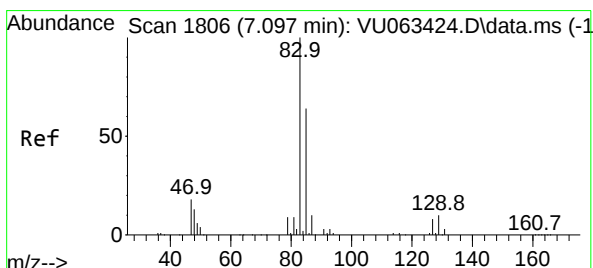
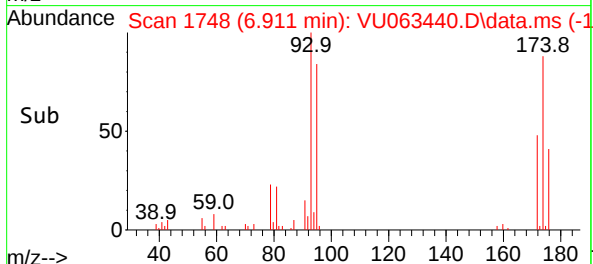
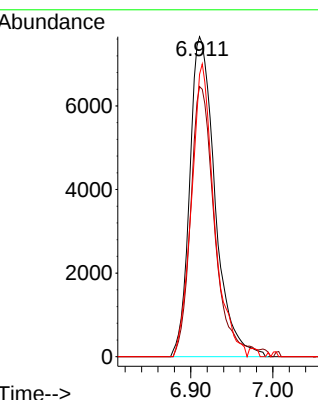
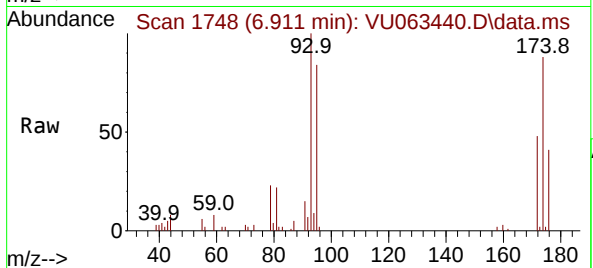
93 100

95 79.5 66.7 100.1

174 81.9 71.1 106.7

Manual Integrations

APPROVED

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

#44

Bromodichloromethane

Concen: 2.074 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

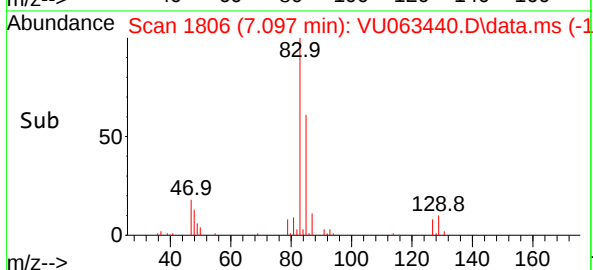
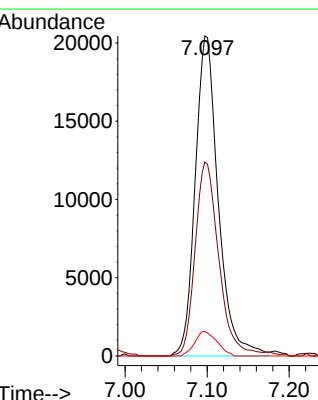
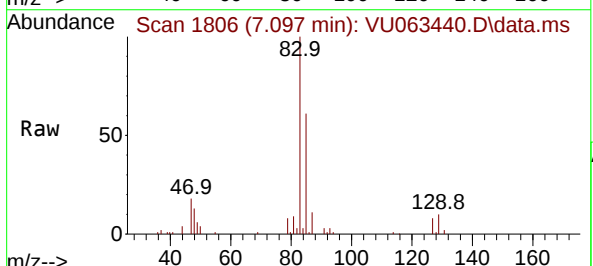
Tgt Ion: 83 Resp: 39951

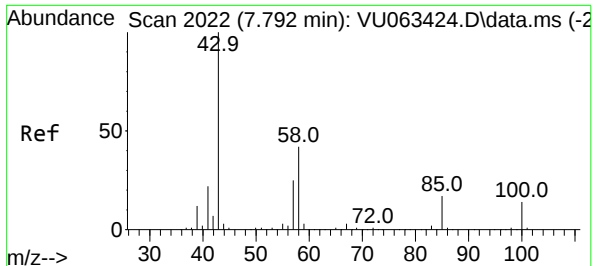
Ion Ratio Lower Upper

83 100

85 60.6 51.4 77.2

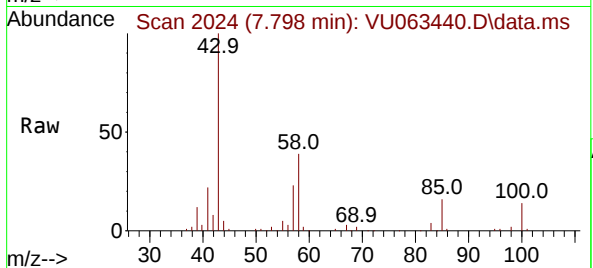
127 7.7 6.6 10.0





#45
4-Methyl-2-Pentanone
Concen: 8.931 ug/l
RT: 7.798 min Scan# 2022
Delta R.T. 0.006 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

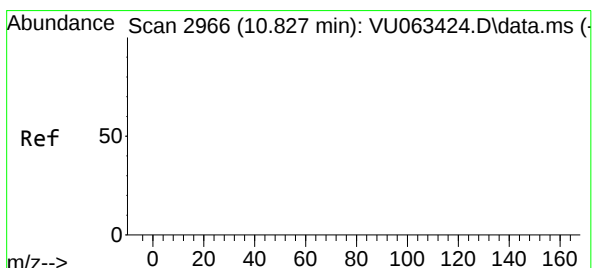
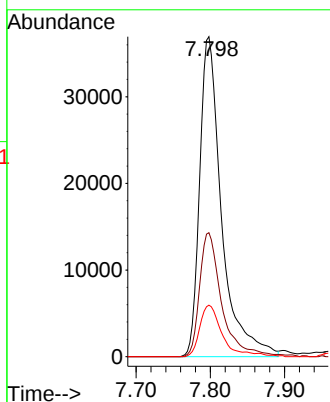
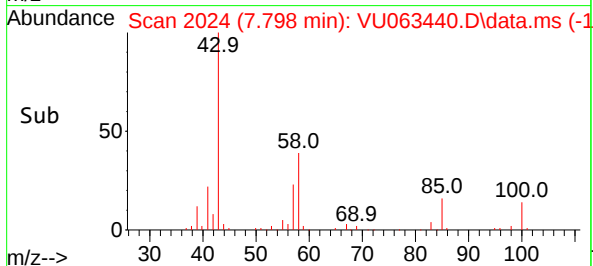
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



Tgt Ion: 43 Resp: 75814
Ion Ratio Lower Upper
43 100
58 39.2 20.5 61.6
85 16.6 14.2 21.2

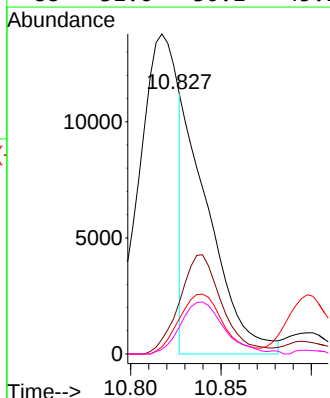
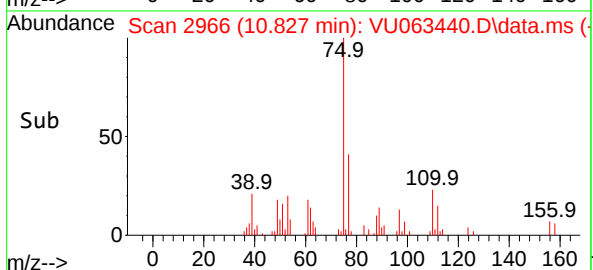
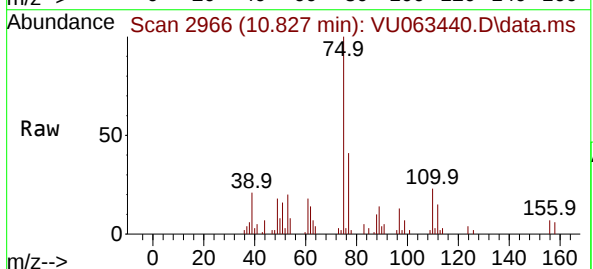
Manual Integrations
APPROVED

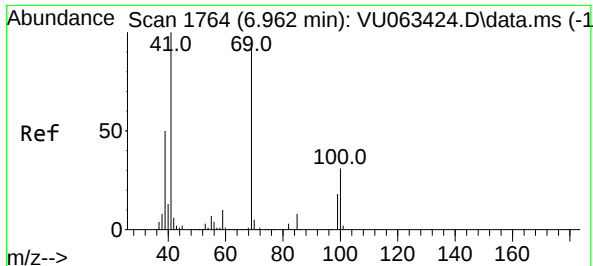
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#46
t-1,4-Dichloro-2-butene
Concen: 4.300 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion: 75 Resp: 11998
Ion Ratio Lower Upper
75 100
53 58.6 61.4 92.2#
89 36.7 39.2 58.8#
88 31.6 30.1 45.1





#47

Methyl methacrylate

Concen: 3.867 ug/l

RT: 6.969 min Scan# 1766

Delta R.T. 0.007 min

Lab File: VU063440.D

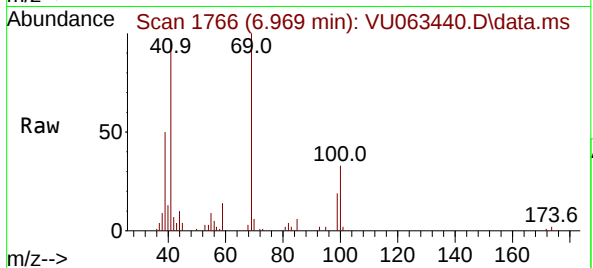
Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS02



Tgt Ion: 69 Resp: 2331

Ion Ratio Lower Upper

69 100

41 95.0 0.0 212.6

39 48.7 40.6 61.0

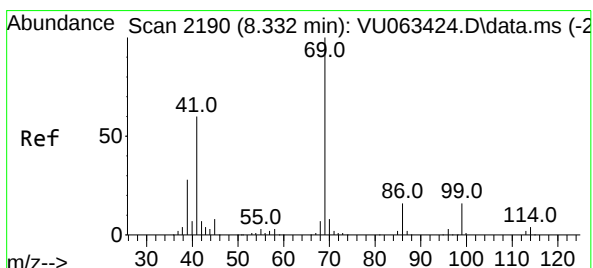
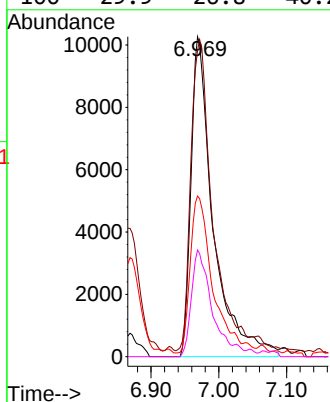
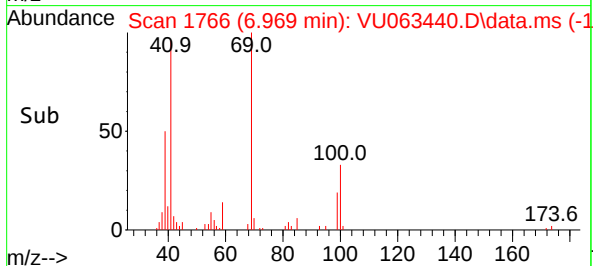
100 29.9 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#48

Ethyl methacrylate

Concen: 1.934 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU063440.D

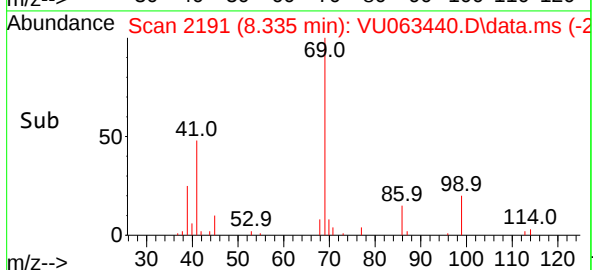
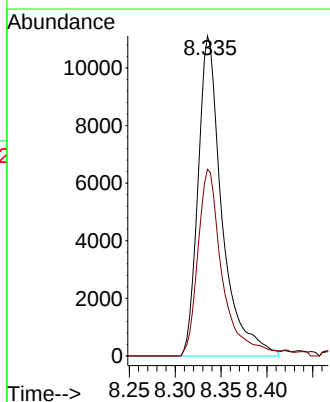
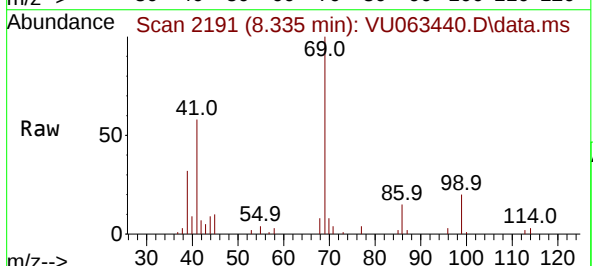
Acq: 24 Jun 2025 16:23

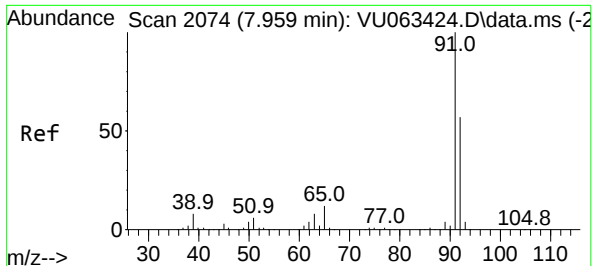
Tgt Ion: 69 Resp: 20086

Ion Ratio Lower Upper

69 100

41 60.0 30.6 92.0





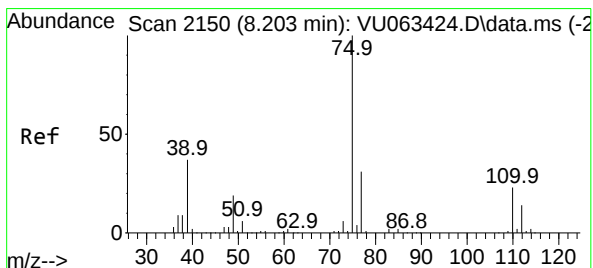
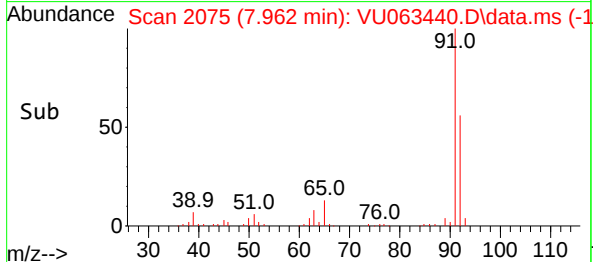
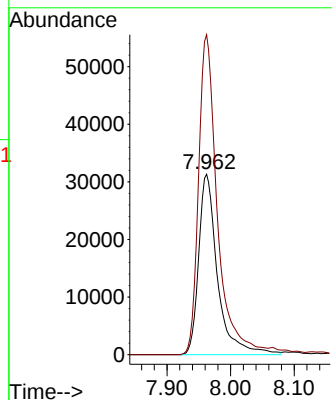
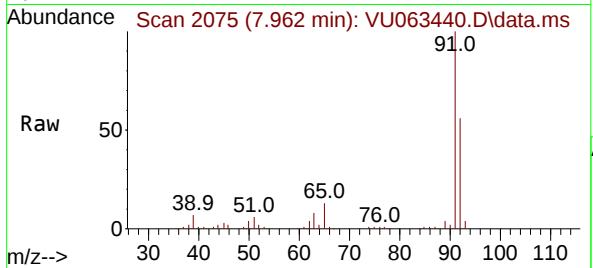
#49
Toluene
Concen: 1.922 ug/l
RT: 7.962 min Scan# 2074
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion: 92 Resp: 6467
Ion Ratio Lower Upper
92 100
91 176.1 142.0 213.0

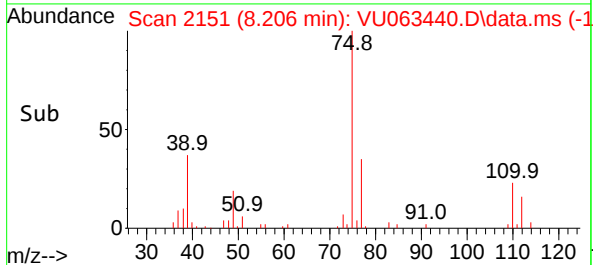
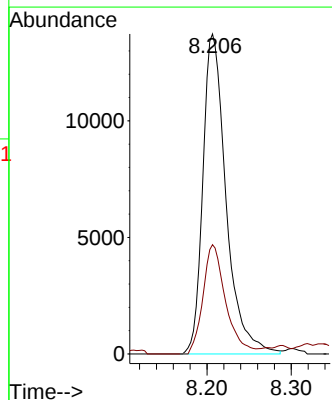
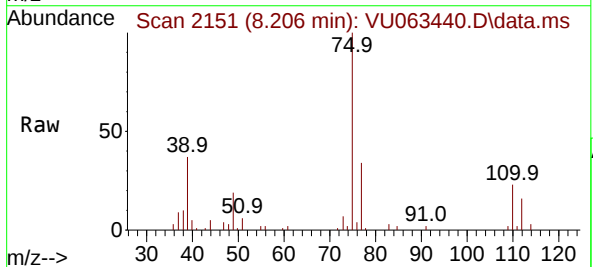
Manual Integrations
APPROVED

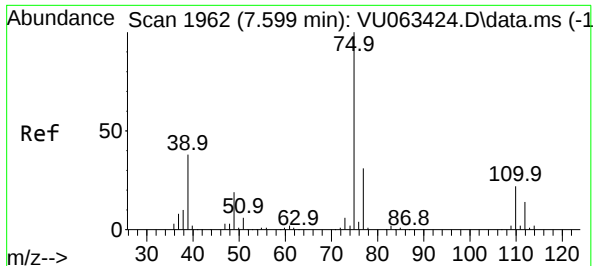
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#50
t-1,3-Dichloropropene
Concen: 1.895 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion: 75 Resp: 26324
Ion Ratio Lower Upper
75 100
77 34.1 24.5 36.7





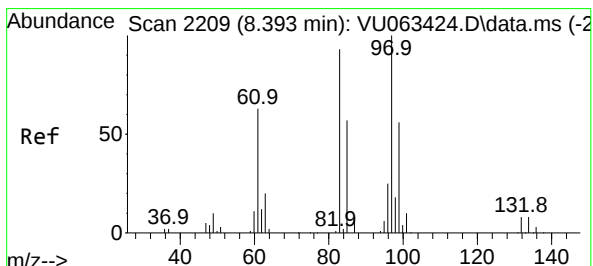
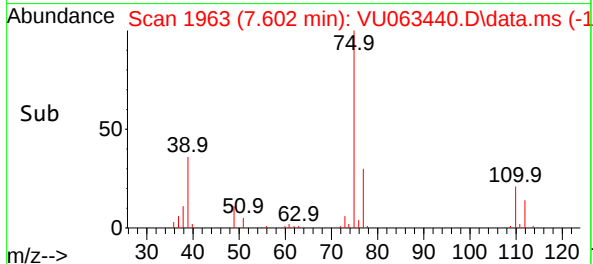
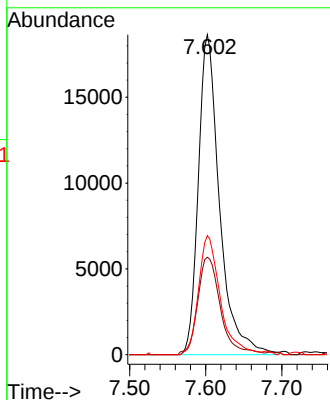
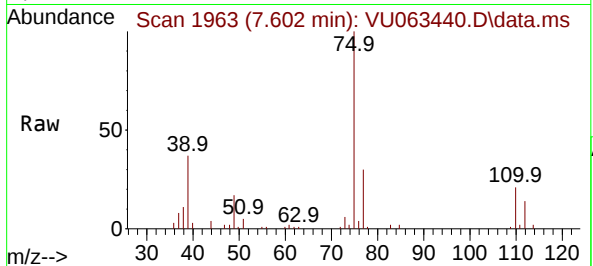
#51
 cis-1,3-Dichloropropene
 Concen: 1.937 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063440.D
 Acq: 24 Jun 2025 16:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBS02

Tgt Ion: 75 Resp: 36140
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.8 37.2
 39 37.2 30.7 46.1

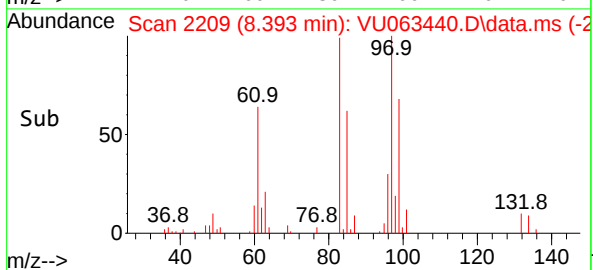
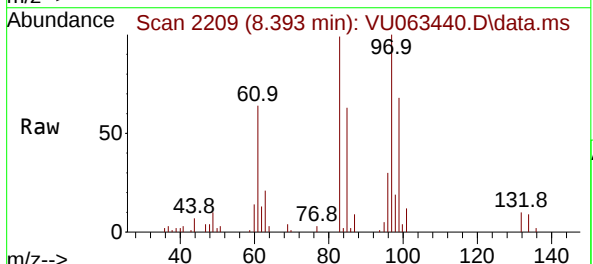
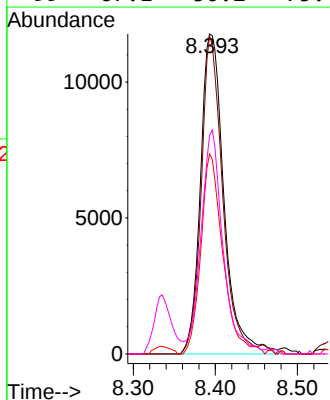
Manual Integrations
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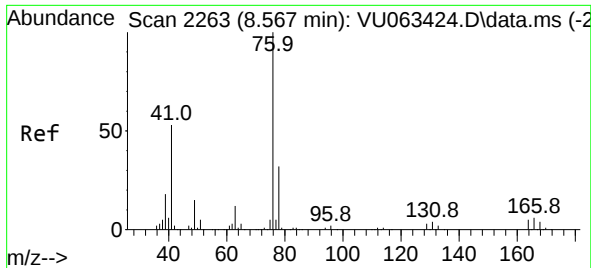
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#52
 1,1,2-Trichloroethane
 Concen: 2.034 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063440.D
 Acq: 24 Jun 2025 16:23

Tgt Ion: 97 Resp: 23518
 Ion Ratio Lower Upper
 97 100
 83 99.4 74.1 111.1
 85 62.6 45.8 68.8
 99 67.1 50.2 75.4





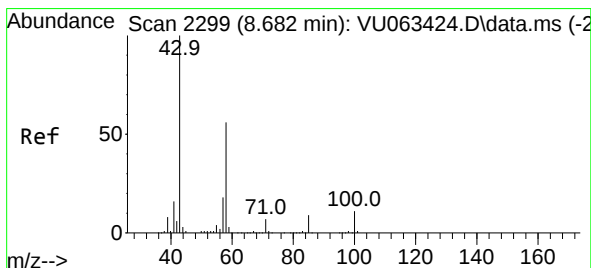
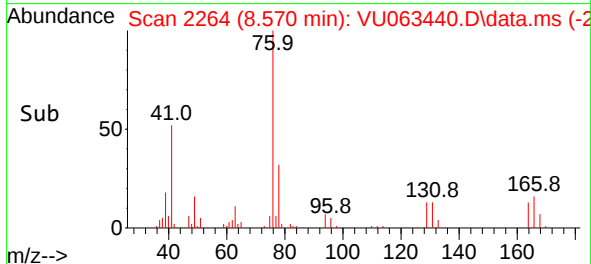
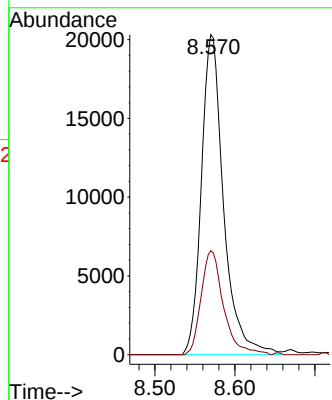
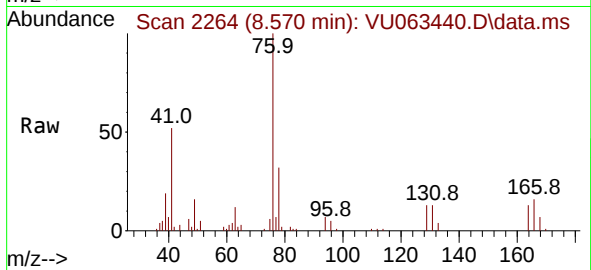
#53
1,3-Dichloropropane
Concen: 1.971 ug/l
RT: 8.570 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion: 76 Resp: 3920
Ion Ratio Lower Upper
76 100
78 32.7 25.7 38.5

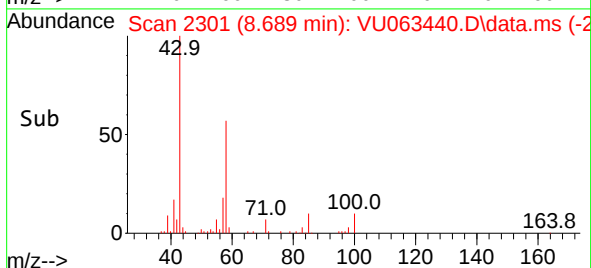
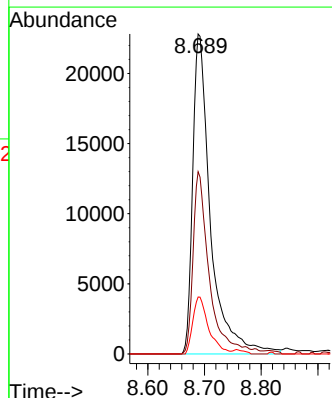
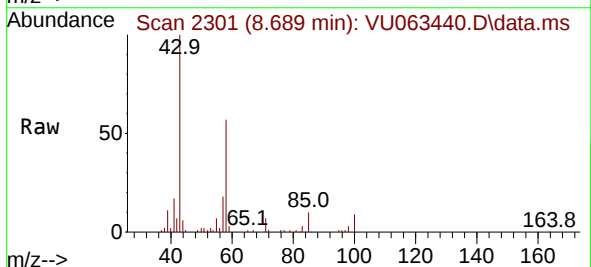
Manual Integrations
APPROVED

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



#54
2-Hexanone
Concen: 9.306 ug/l
RT: 8.689 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

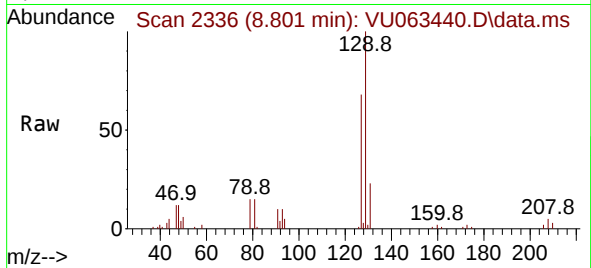
Tgt Ion: 43 Resp: 49648
Ion Ratio Lower Upper
43 100
58 51.4 36.9 76.9
57 15.9 0.0 38.8





#55
Dibromochloromethane
Concen: 2.059 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

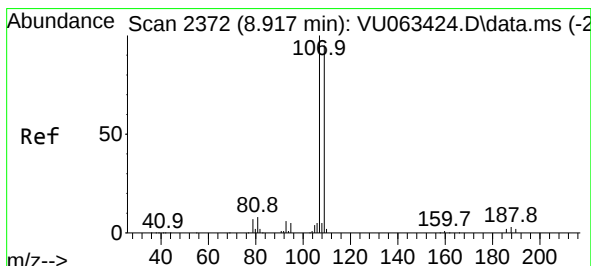
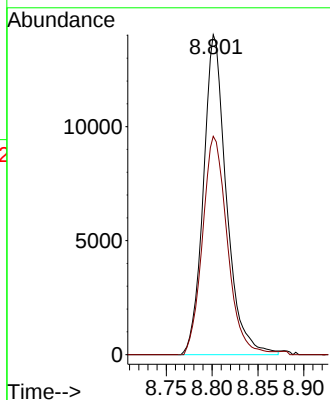
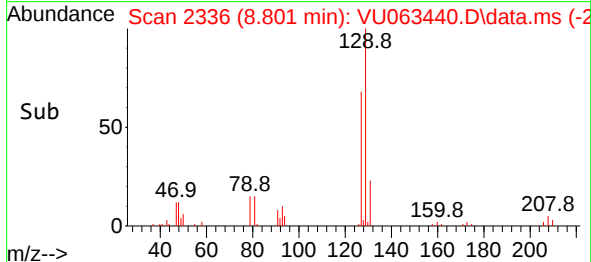
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



Tgt Ion:129 Resp: 2456
Ion Ratio Lower Upper
129 100
127 73.3 62.6 93.8

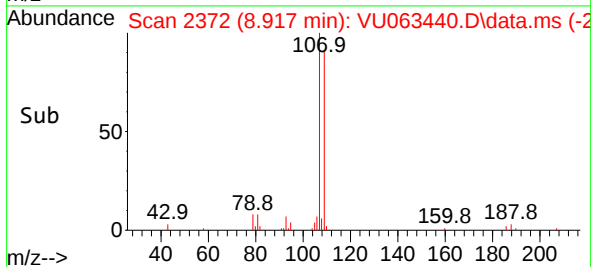
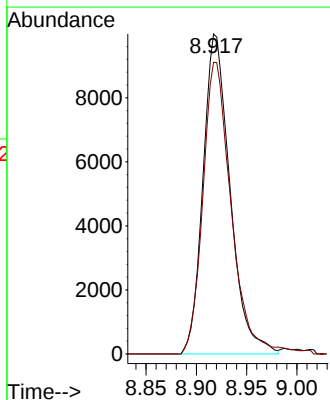
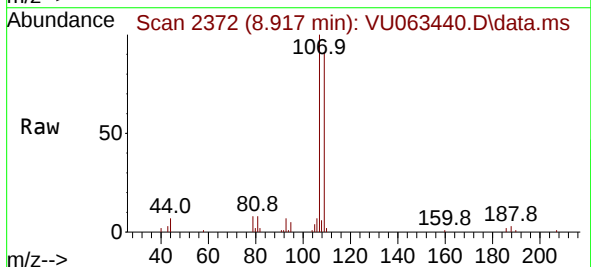
Manual Integrations
APPROVED

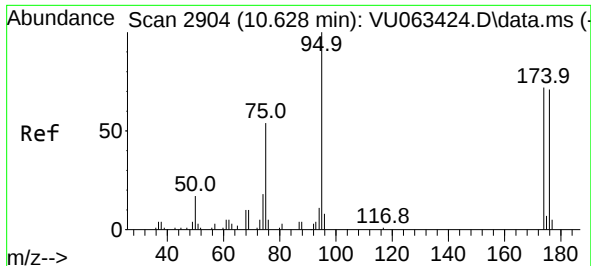
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#56
1,2-Dibromoethane
Concen: 1.994 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

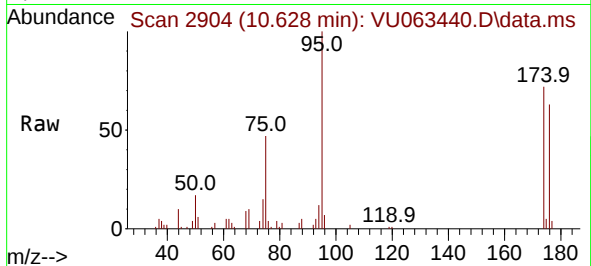
Tgt Ion:107 Resp: 18683
Ion Ratio Lower Upper
107 100
109 95.6 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.021 ug/l
RT: 10.628 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

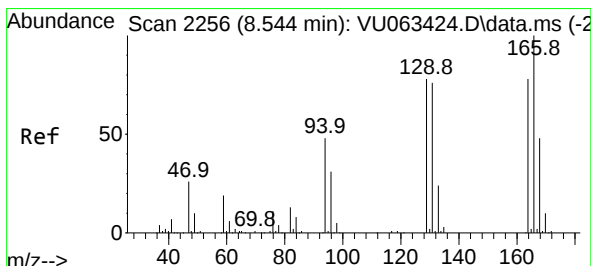
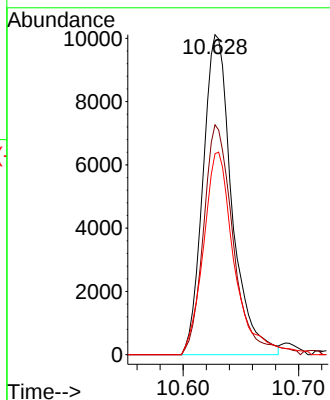
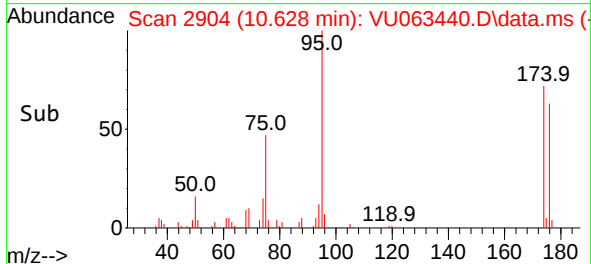
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



Tgt Ion: 95 Resp: 17640
Ion Ratio Lower Upper
95 100
174 73.9 59.4 89.2
176 67.5 57.8 86.6

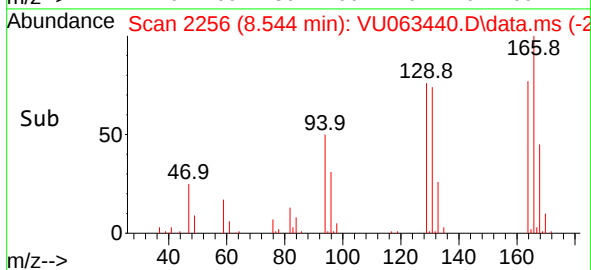
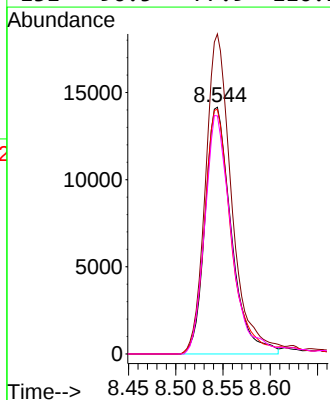
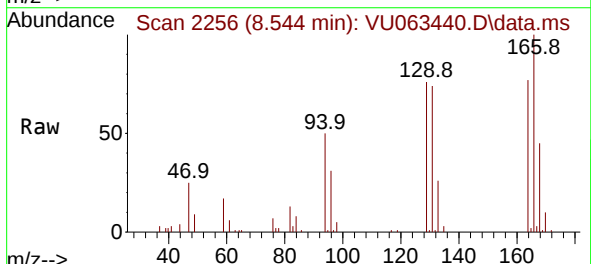
Manual Integrations
APPROVED

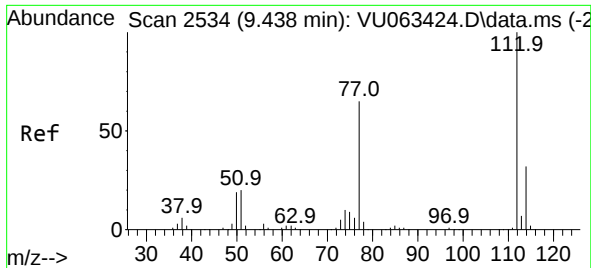
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#58
Tetrachloroethene
Concen: 1.926 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion:164 Resp: 27373
Ion Ratio Lower Upper
164 100
166 129.7 102.8 154.2
129 99.2 80.2 120.2
131 96.5 77.9 116.9





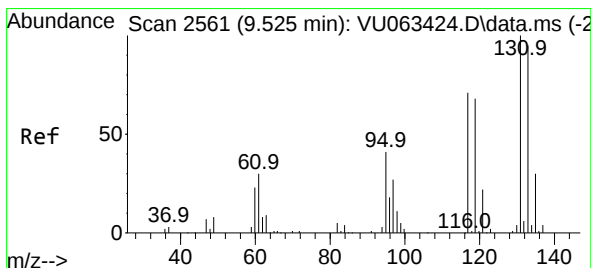
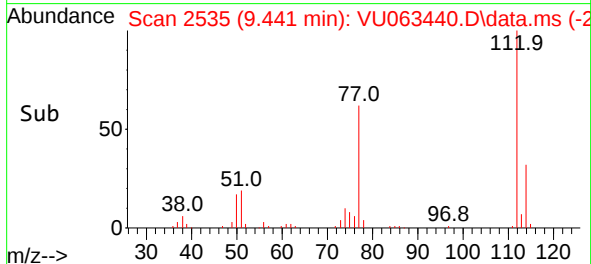
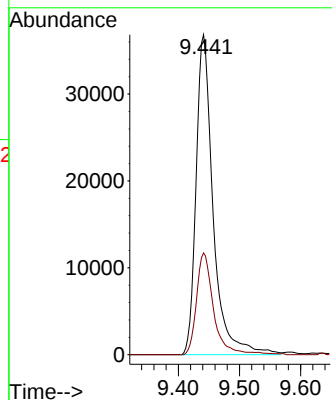
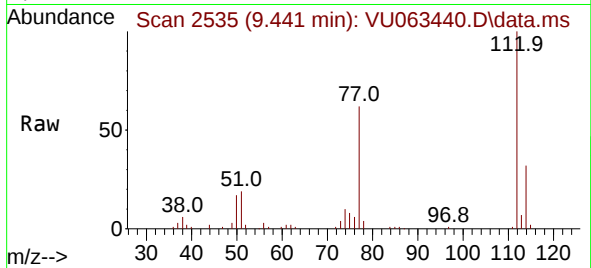
#59
Chlorobenzene
Concen: 1.983 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion:112 Resp: 71454
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

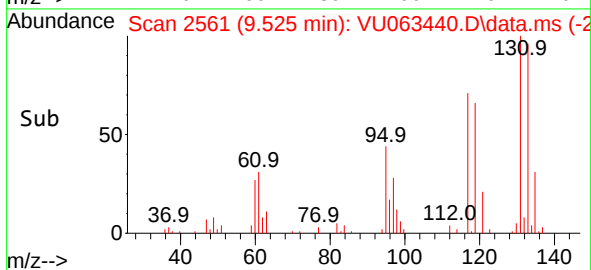
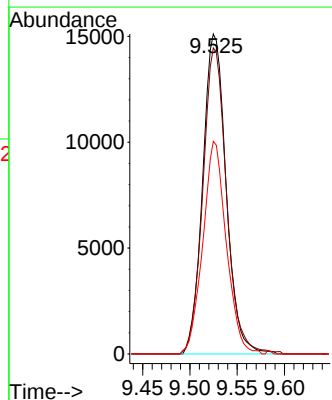
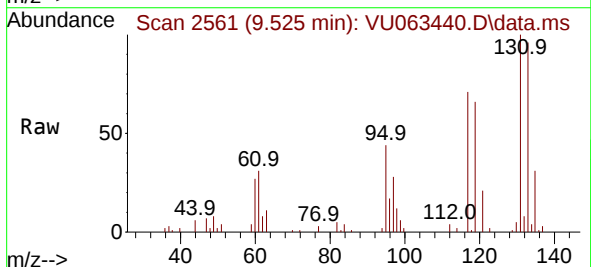
Manual Integrations
APPROVED

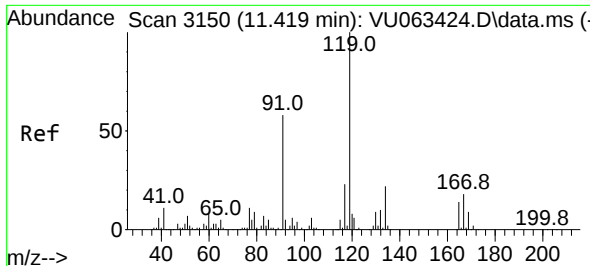
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 2.010 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion:131 Resp: 26070
Ion Ratio Lower Upper
131 100
133 96.7 76.1 114.1
119 66.4 53.7 80.5





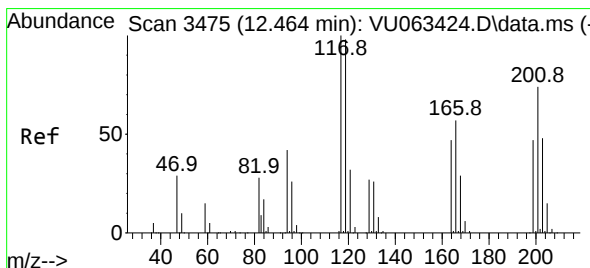
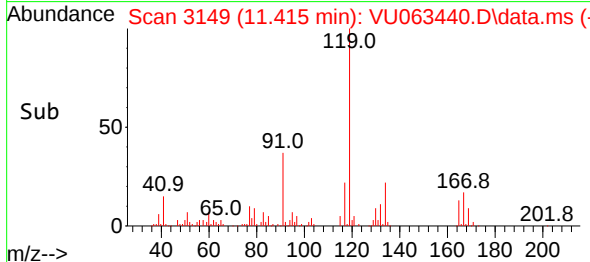
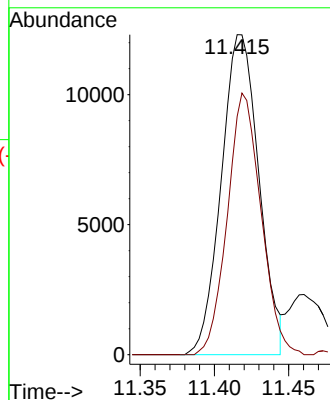
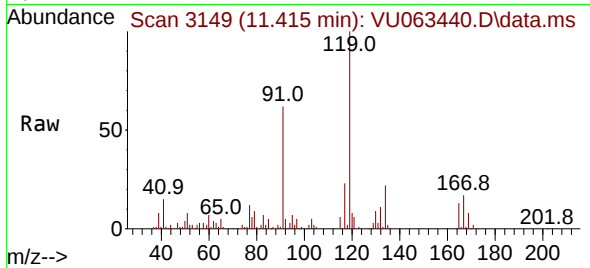
#61
Pentachloroethane
Concen: 2.054 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.004 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion:117 Resp: 2169
Ion Ratio Lower Upper
117 100
167 73.1 58.1 87.1

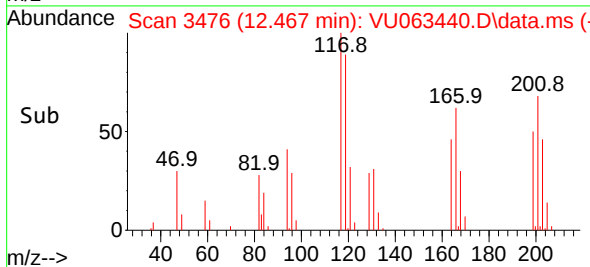
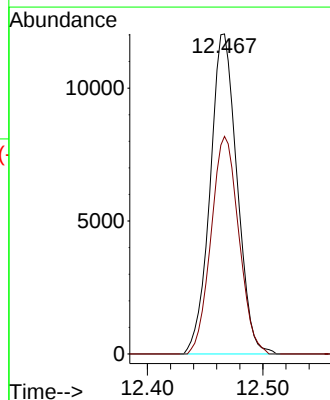
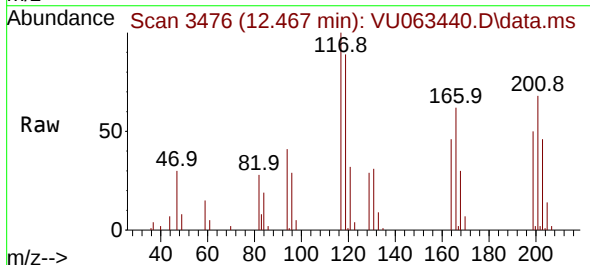
Manual Integrations
APPROVED

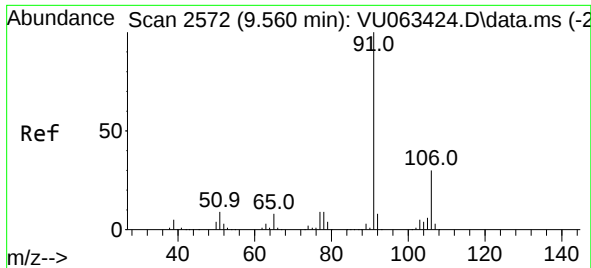
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#62
Hexachloroethane
Concen: 2.055 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

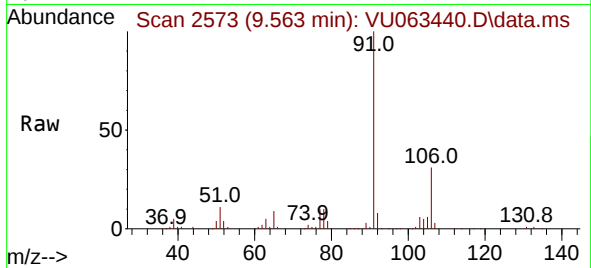
Tgt Ion:117 Resp: 19521
Ion Ratio Lower Upper
117 100
201 69.9 60.4 90.6





#63
Ethyl Benzene
Concen: 1.847 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

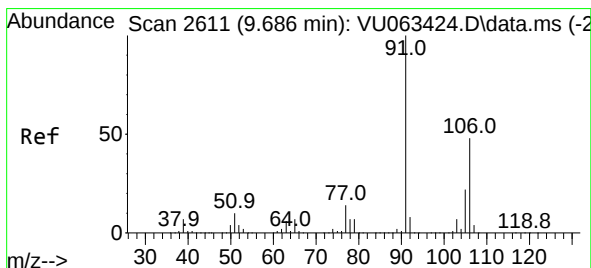
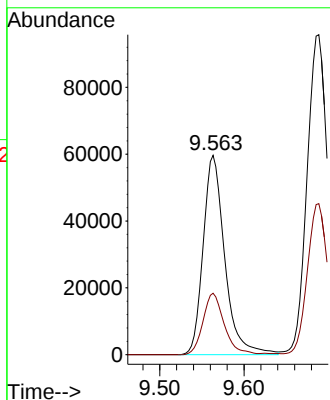
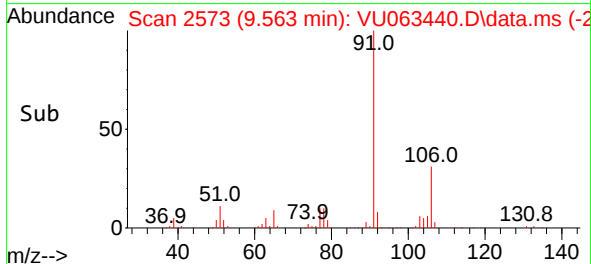
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



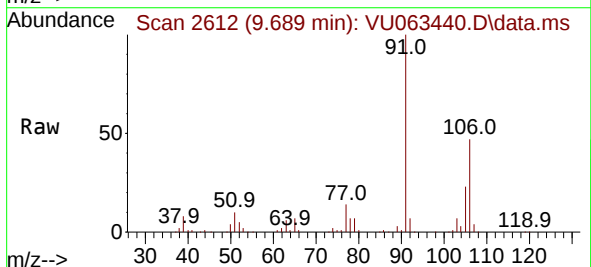
Tgt Ion: 91 Resp: 106685
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2

Manual Integrations
APPROVED

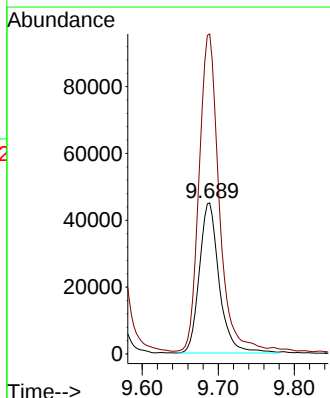
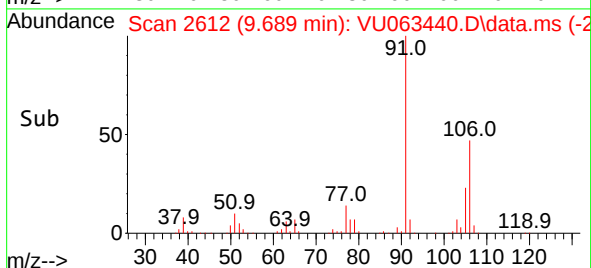
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

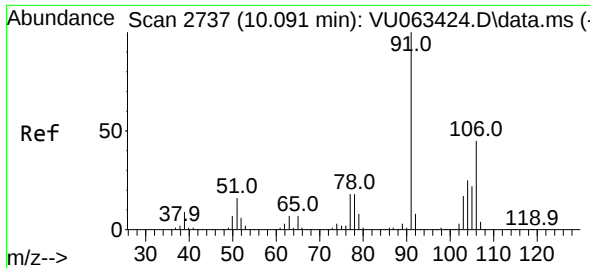


#64
m/p-Xylenes
Concen: 3.652 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23



Tgt Ion:106 Resp: 81423
Ion Ratio Lower Upper
106 100
91 211.4 169.9 254.9





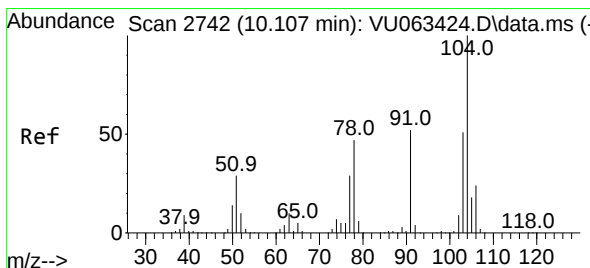
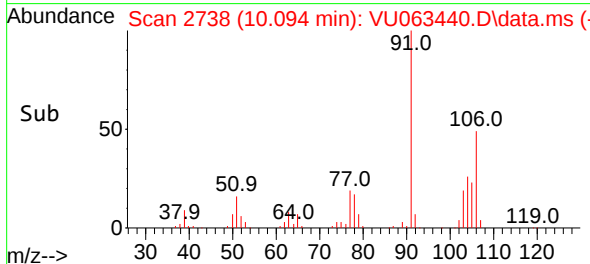
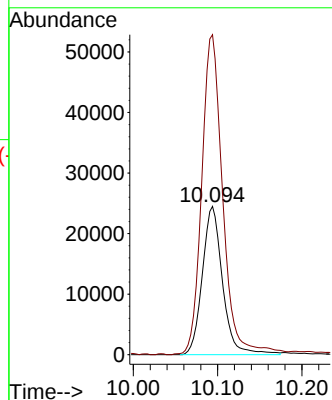
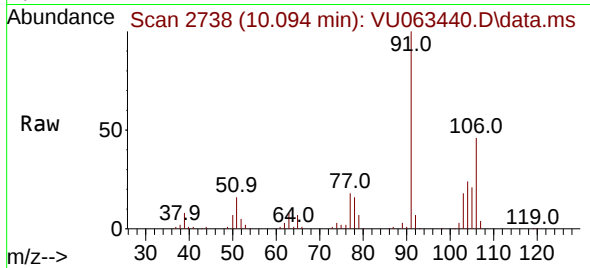
#65
o-Xylene
Concen: 1.870 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion:106 Resp: 4102
Ion Ratio Lower Upper
106 100
91 224.4 110.8 332.3

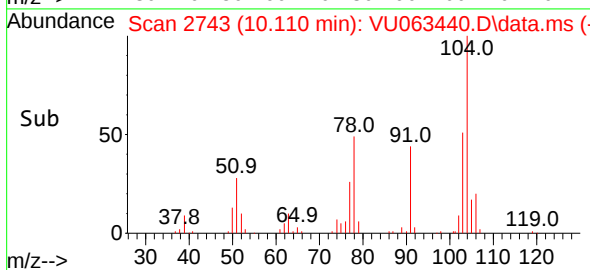
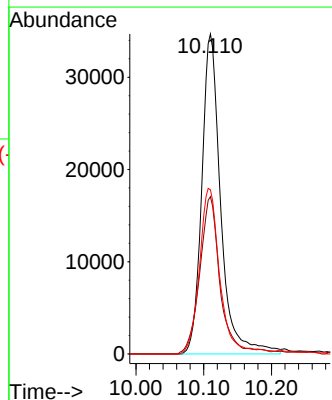
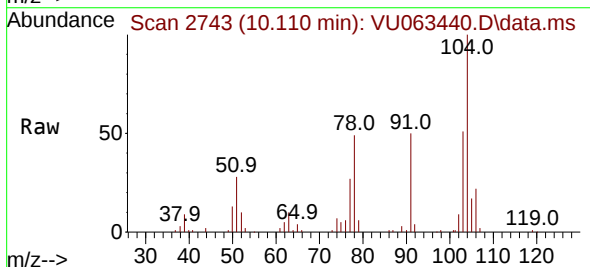
Manual Integrations
APPROVED

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



#66
Styrene
Concen: 1.885 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion:104 Resp: 67388
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 55.7 44.6 67.0





#67

Bromoform

Concen: 1.924 ug/l

RT: 10.284 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

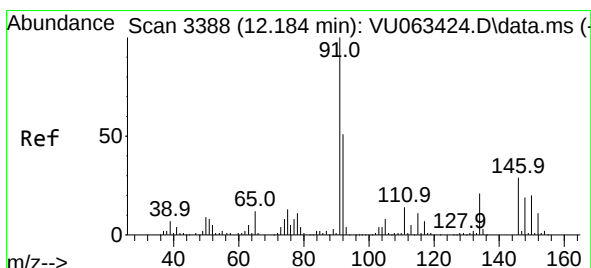
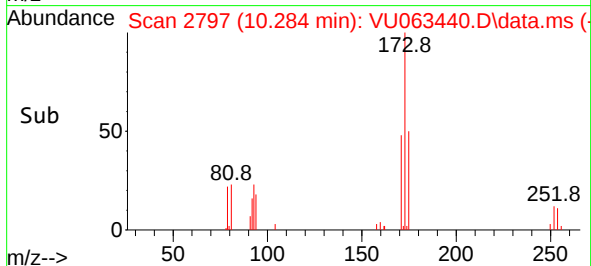
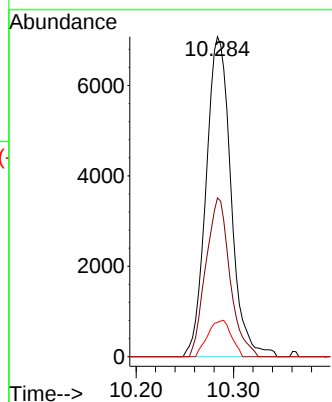
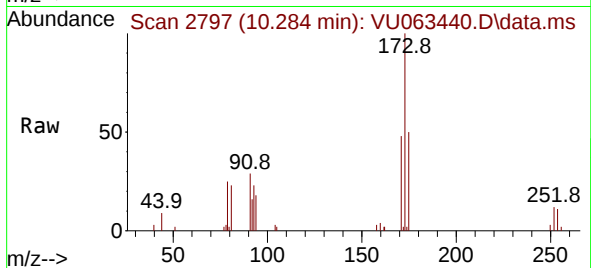
VU0624WBS02

Tgt Ion:	173	Resp:	12540
Ion Ratio	Lower	Upper	
173	100		
175	48.2	38.2	57.2
254	10.7	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: 1.061 ug/l

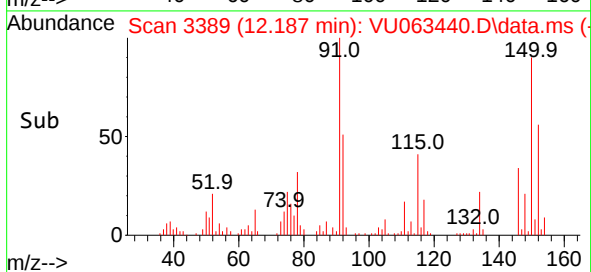
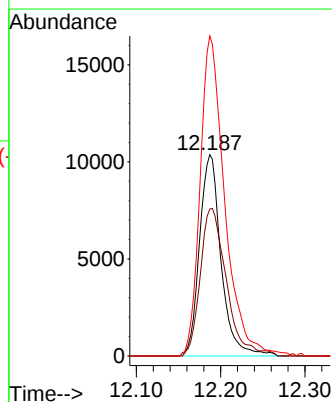
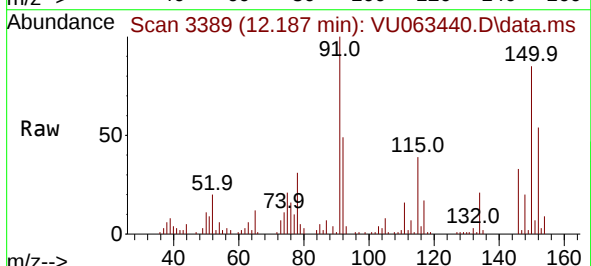
RT: 12.187 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Tgt Ion:	152	Resp:	18406
Ion Ratio	Lower	Upper	
152	100		
115	88.9	0.0	327.6
150	181.9	0.0	664.4





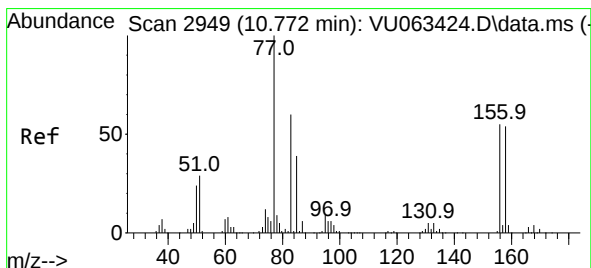
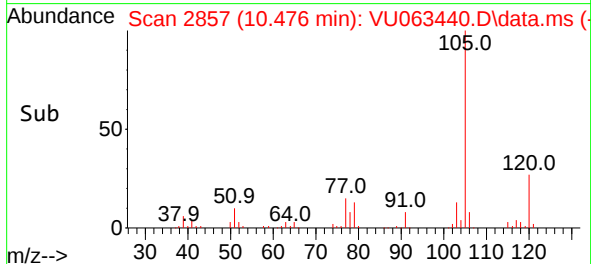
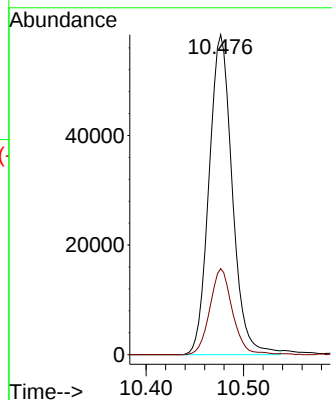
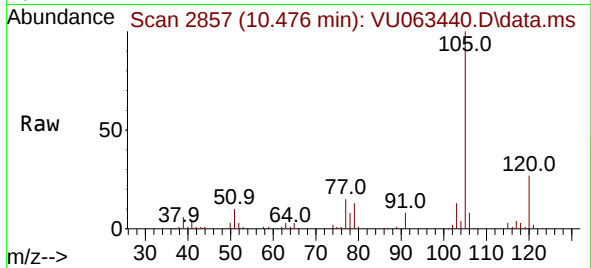
#69
Isopropylbenzene
Concen: 1.902 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion:105 Resp: 9667
Ion Ratio Lower Upper
105 100
120 26.1 12.7 38.1

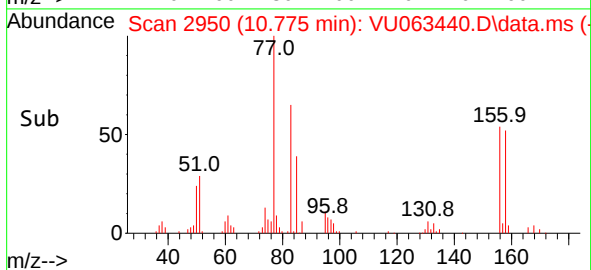
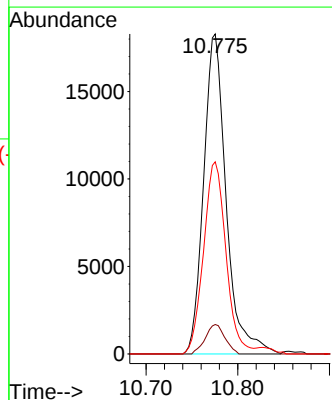
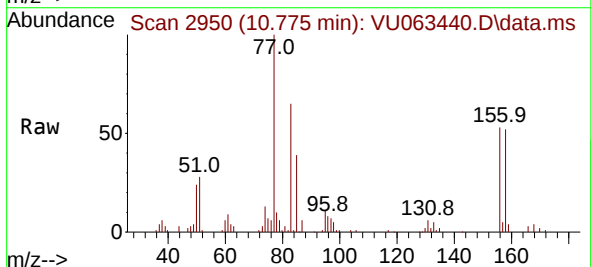
Manual Integrations
APPROVED

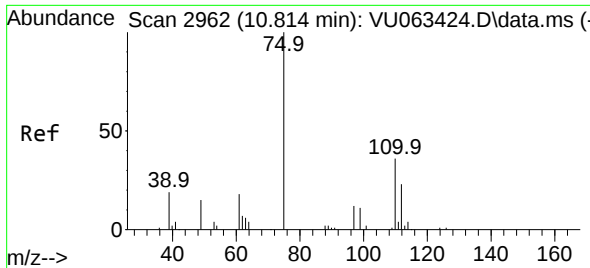
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 2.110 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

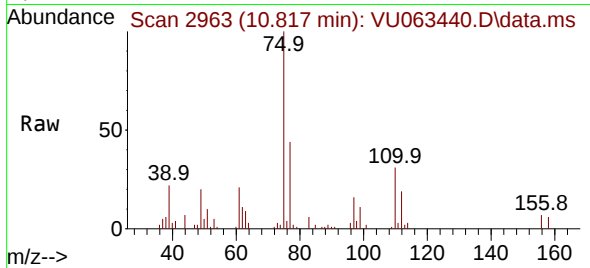
Tgt Ion: 83 Resp: 31204
Ion Ratio Lower Upper
83 100
131 8.0 7.4 11.0
85 59.7 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 2.142 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

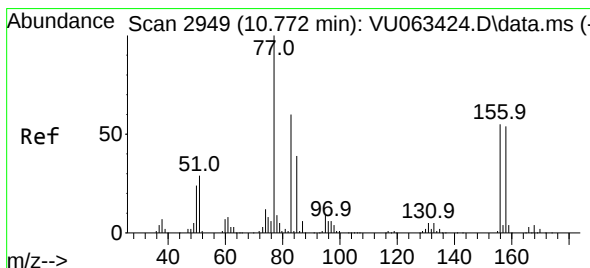
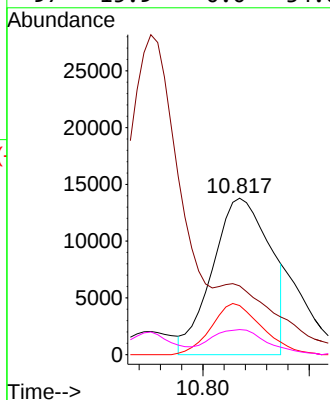
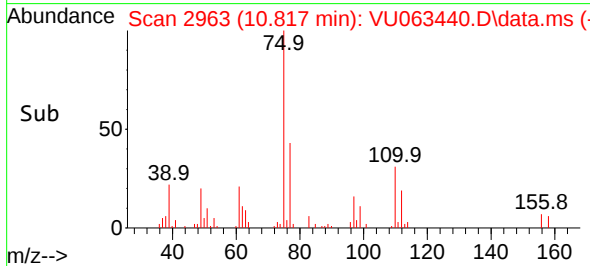
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



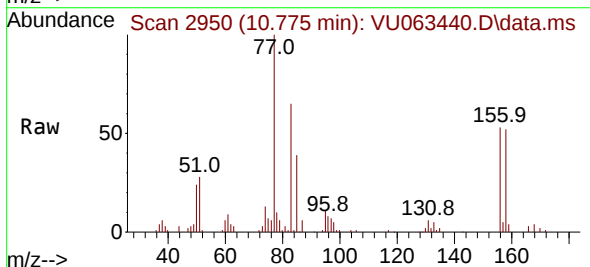
Tgt Ion: 75 Resp: 25864
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 29.0 0.0 63.4
97 15.9 0.0 34.0

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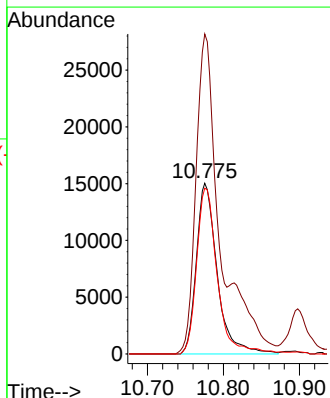
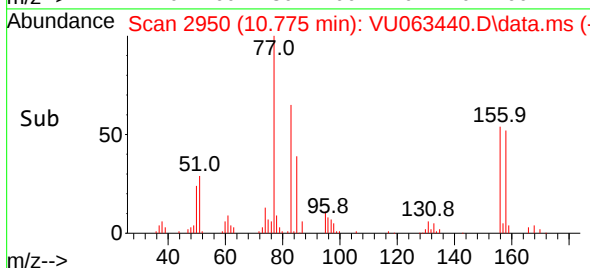
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

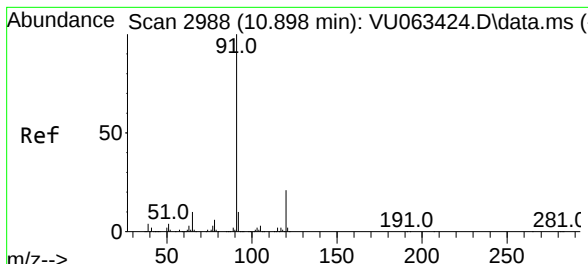


#72
Bromobenzene
Concen: 2.006 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23



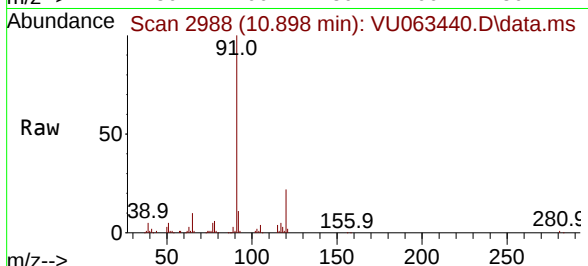
Tgt Ion:156 Resp: 28615
Ion Ratio Lower Upper
156 100
77 174.0 0.0 416.2
158 96.6 0.0 190.6





#73
 n-propylbenzene
 Concen: 1.875 ug/l
 RT: 10.898 min Scan# 2988
 Delta R.T. -0.000 min
 Lab File: VU063440.D
 Acq: 24 Jun 2025 16:23

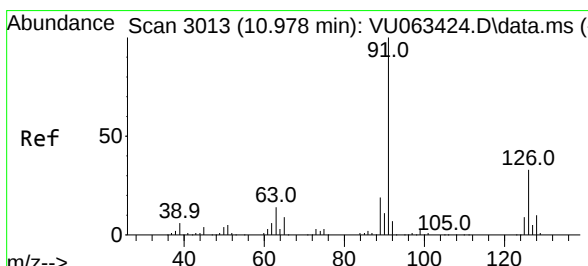
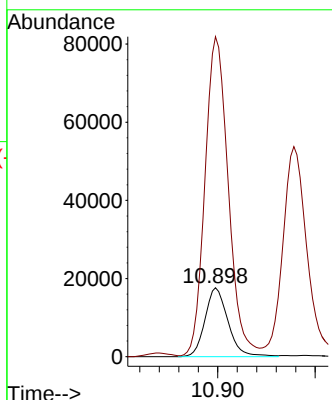
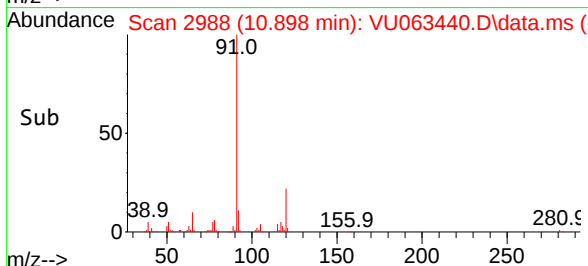
Instrument : MSVOA_U
 ClientSampleId : VU0624WBS02



Tgt Ion:120 Resp: 28870
 Ion Ratio Lower Upper
 120 100
 91 468.4 373.7 560.5

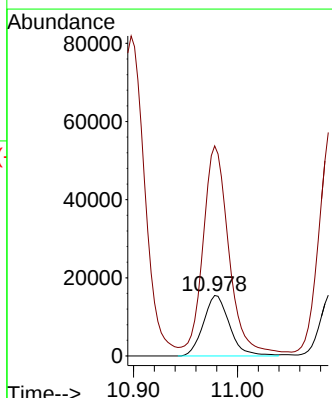
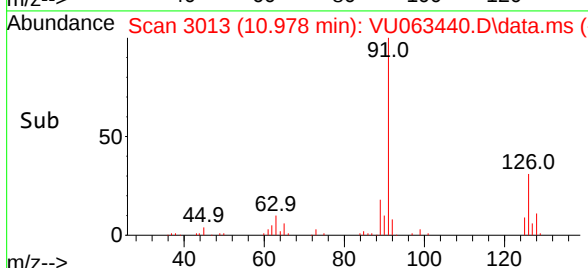
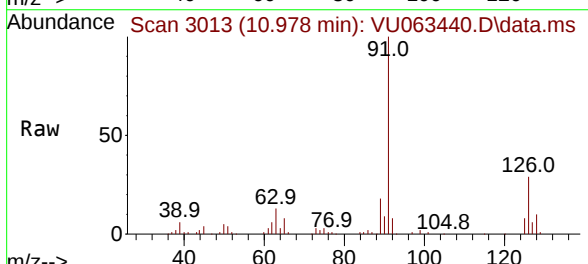
Manual Integrations
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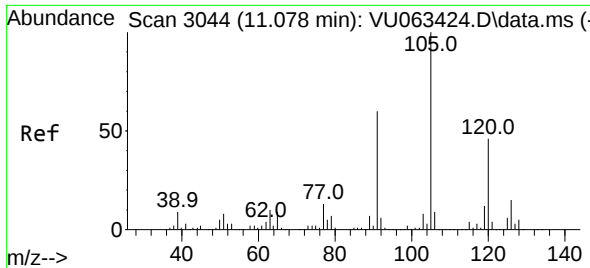
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#74
 2-Chlorotoluene
 Concen: 1.916 ug/l
 RT: 10.978 min Scan# 3013
 Delta R.T. 0.000 min
 Lab File: VU063440.D
 Acq: 24 Jun 2025 16:23

Tgt Ion:126 Resp: 27018
 Ion Ratio Lower Upper
 126 100
 91 340.6 0.0 650.8





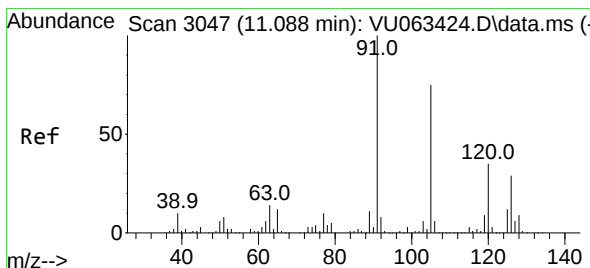
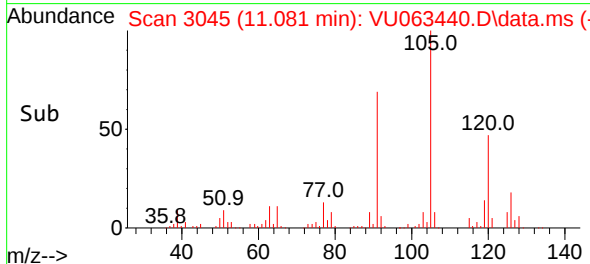
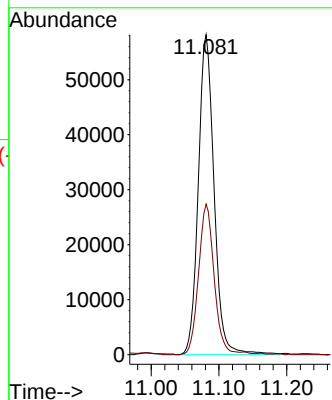
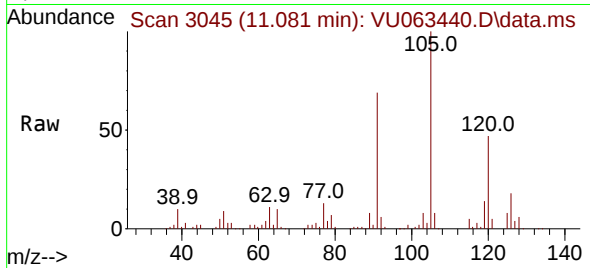
#75
1,3,5-Trimethylbenzene
Concen: 1.875 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion:105 Resp: 94170
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.4

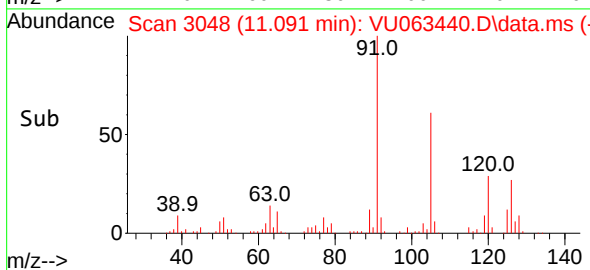
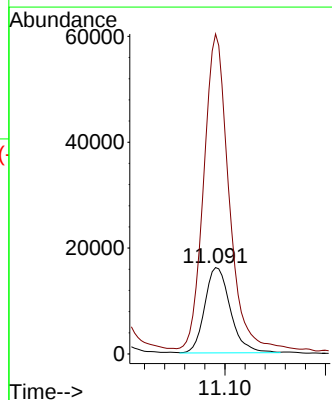
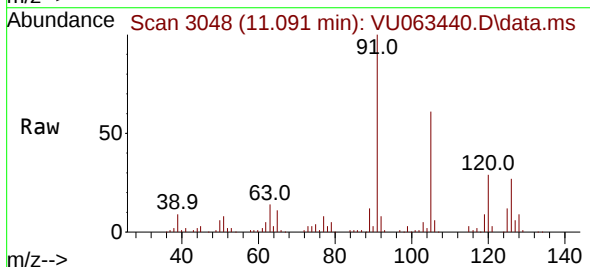
Manual Integrations
APPROVED

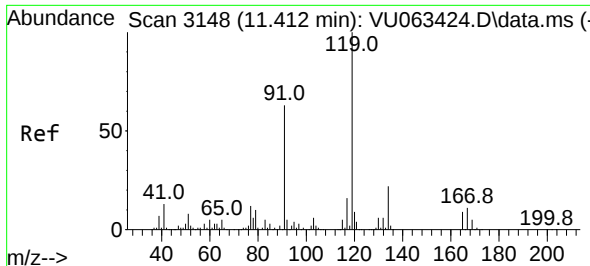
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#76
4-Chlorotoluene
Concen: 1.927 ug/l
RT: 11.091 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

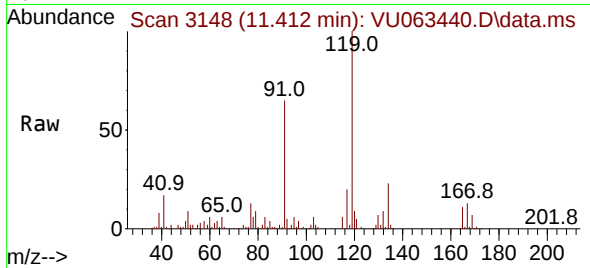
Tgt Ion:126 Resp: 28464
Ion Ratio Lower Upper
126 100
91 371.8 0.0 713.2





#77
tert-Butylbenzene
Concen: 1.987 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

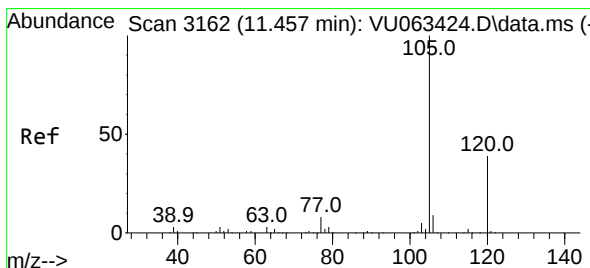
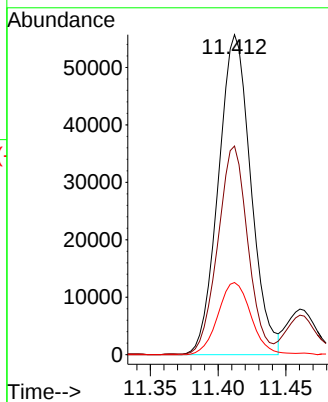
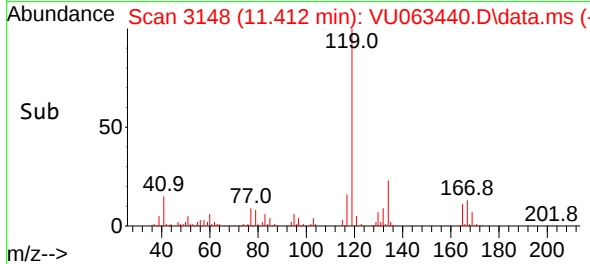
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



Tgt Ion:119 Resp: 92815
Ion Ratio Lower Upper
119 100
91 59.9 30.9 92.7
134 22.9 17.9 26.9

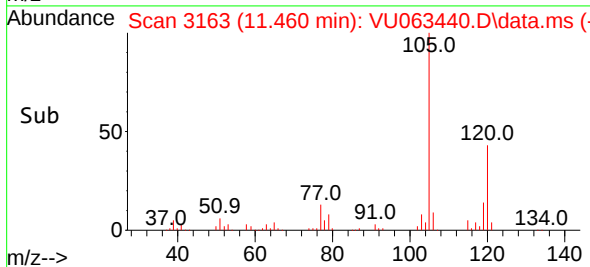
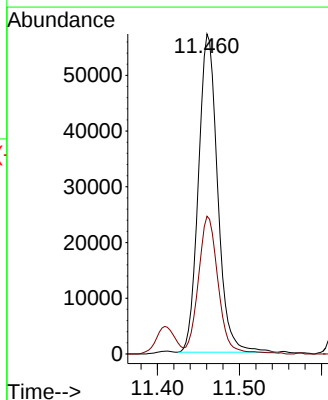
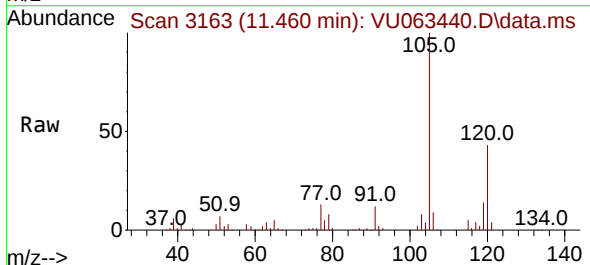
Manual Integrations
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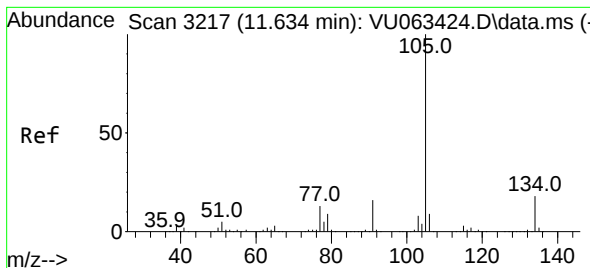
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#78
1,2,4-Trimethylbenzene
Concen: 1.868 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion:105 Resp: 93074
Ion Ratio Lower Upper
105 100
120 44.8 22.1 66.5





#79

sec-Butylbenzene

Concen: 1.966 ug/l

RT: 11.634 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS02

Tgt Ion:105 Resp: 130070

Ion Ratio Lower Upper

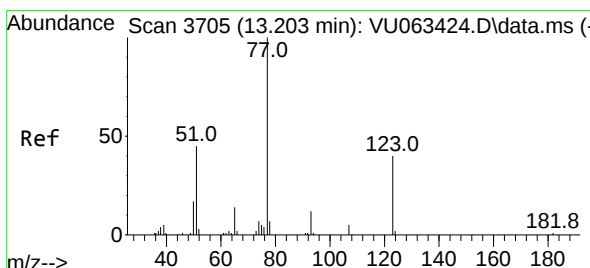
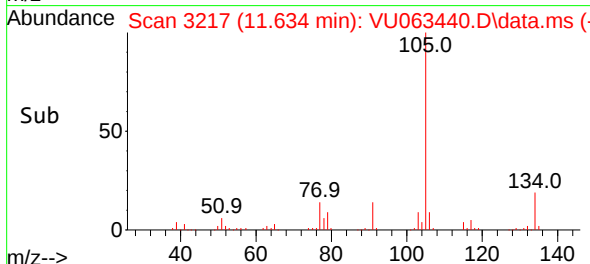
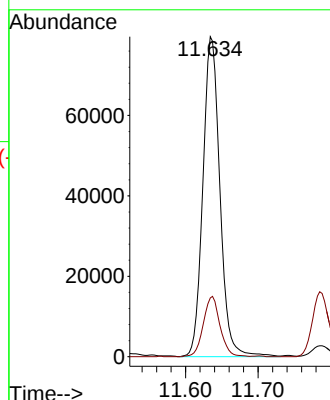
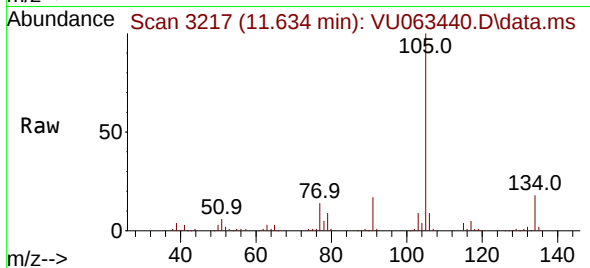
105 100

134 18.5 14.8 22.2

Manual Integrations

APPROVED

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



#80

Nitrobenzene

Concen: 10.648 ug/l m

RT: 13.219 min Scan# 3710

Delta R.T. 0.016 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

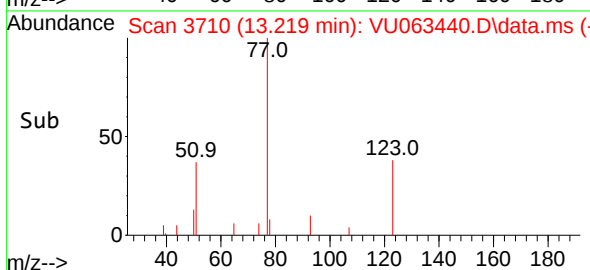
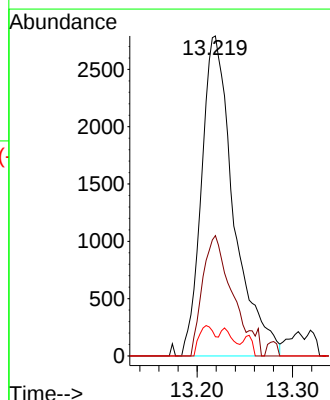
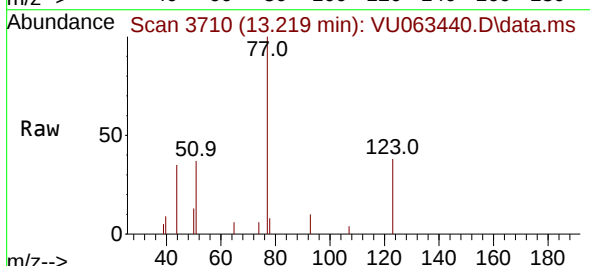
Tgt Ion: 77 Resp: 6539

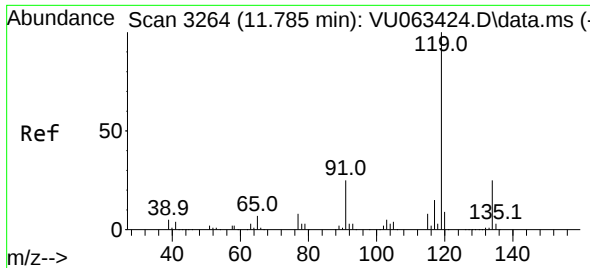
Ion Ratio Lower Upper

77 100

123 35.2 19.6 69.6

65 0.8 10.6 13.4#





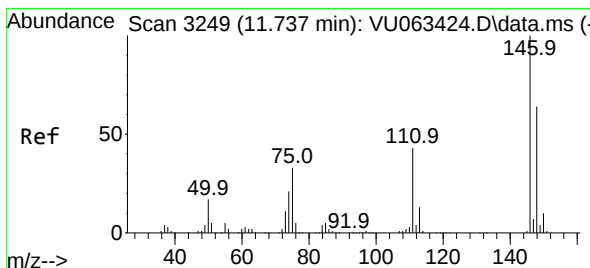
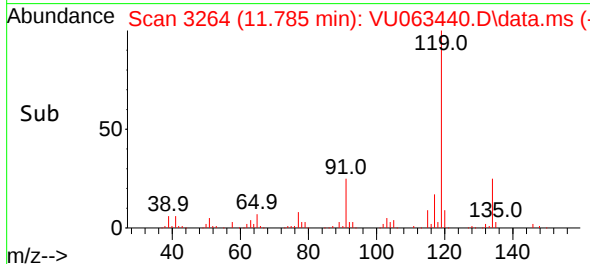
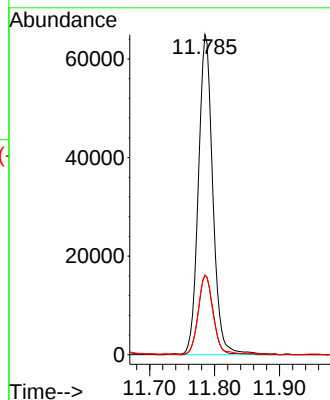
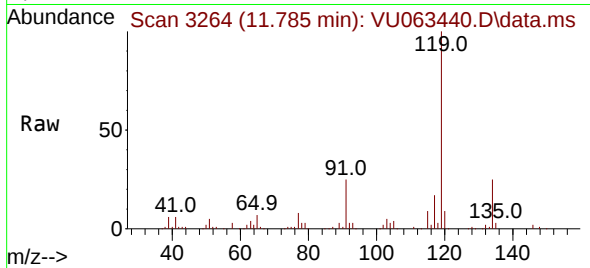
#81
p-Isopropyltoluene
Concen: 1.929 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02

Tgt Ion:119 Resp: 100602
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 25.7 19.7 29.5

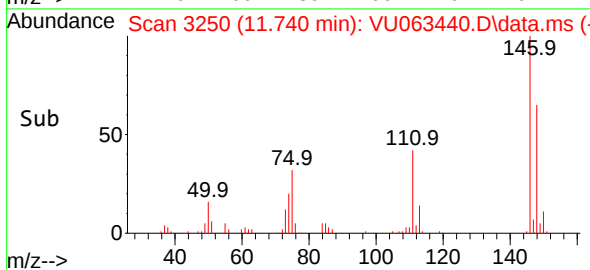
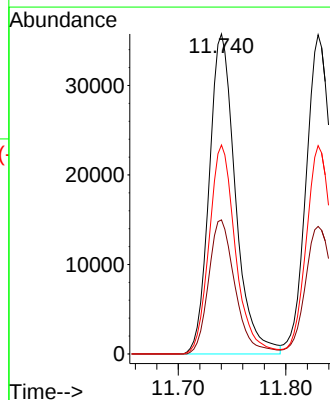
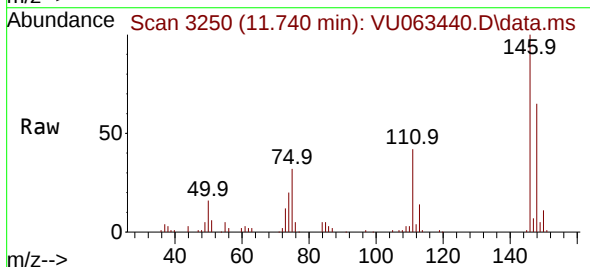
Manual Integrations
APPROVED

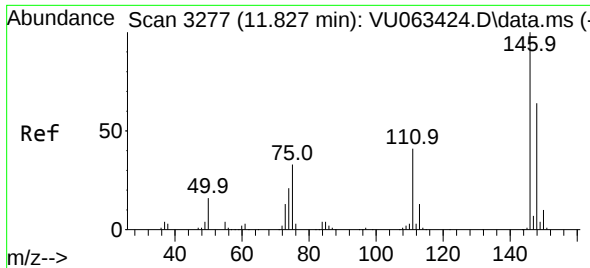
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#82
1,3-Dichlorobenzene
Concen: 2.054 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

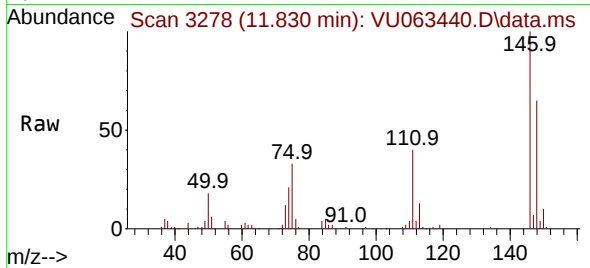
Tgt Ion:146 Resp: 60701
Ion Ratio Lower Upper
146 100
111 42.4 34.3 51.5
148 65.6 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 2.096 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

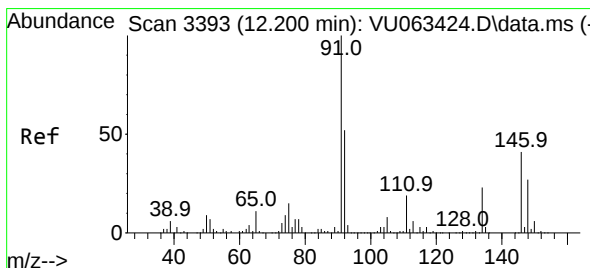
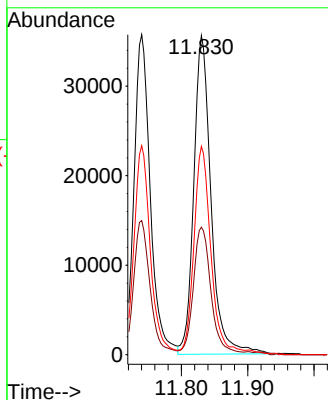
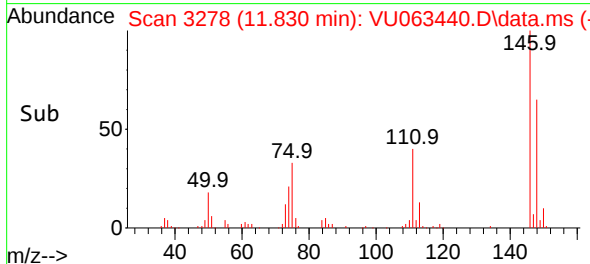
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



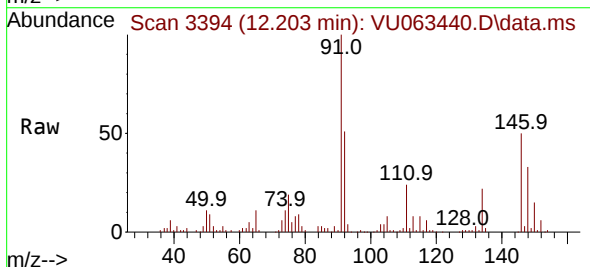
Tgt Ion:146 Resp: 6428
Ion Ratio Lower Upper
146 100
111 39.3 31.7 47.5
148 61.0 51.4 77.0

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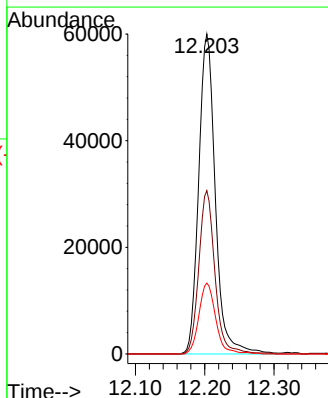
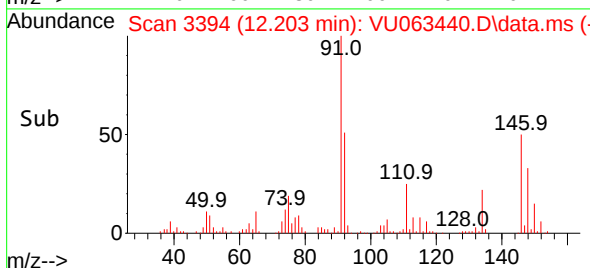
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

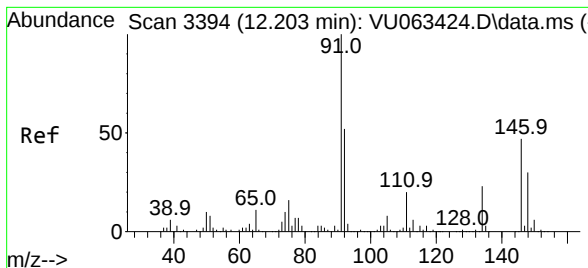


#84
n-Butylbenzene
Concen: 1.849 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23



Tgt Ion: 91 Resp: 100136
Ion Ratio Lower Upper
91 100
92 49.5 41.0 61.6
134 22.1 18.5 27.7





#85

1,2-Dichlorobenzene

Concen: 1.983 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

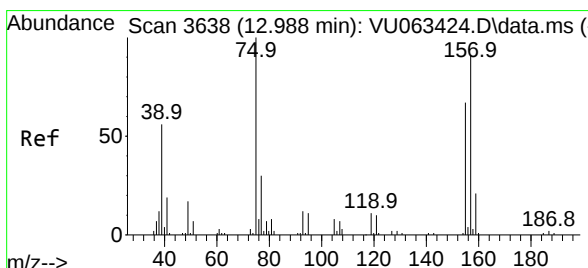
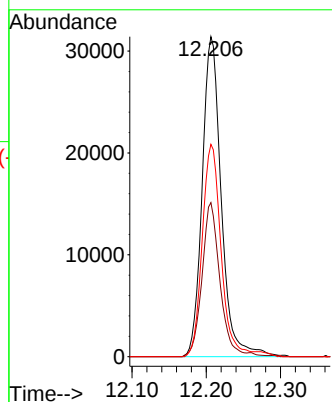
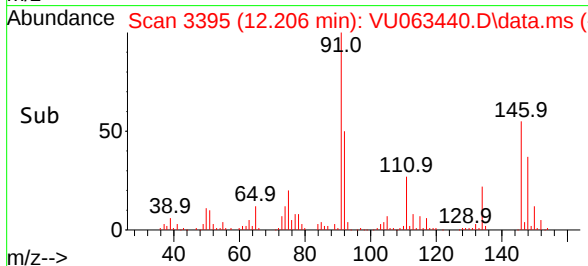
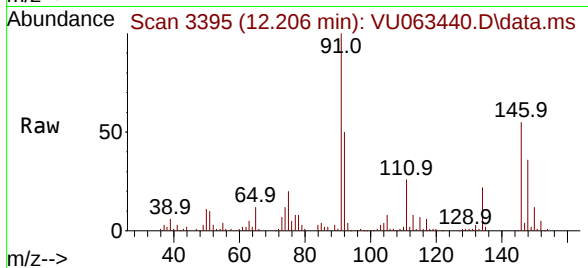
VU0624WBS02

Tgt Ion:	146	Resp:	5608
Ion Ratio	Lower	Upper	
146	100		
111	44.8	21.8	65.4
148	66.3	32.3	96.9

Manual Integrations

APPROVED

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



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.993 ug/l

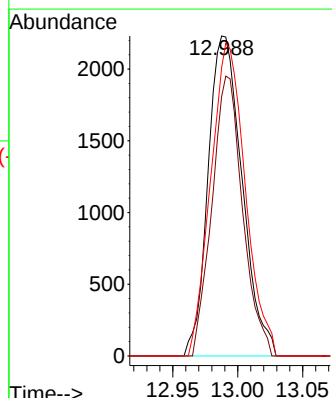
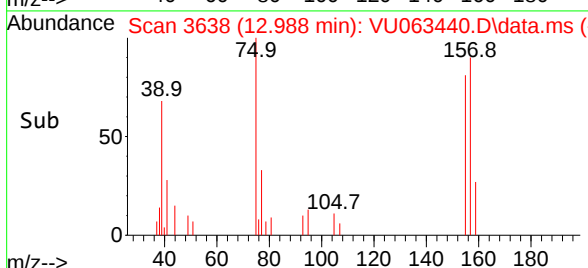
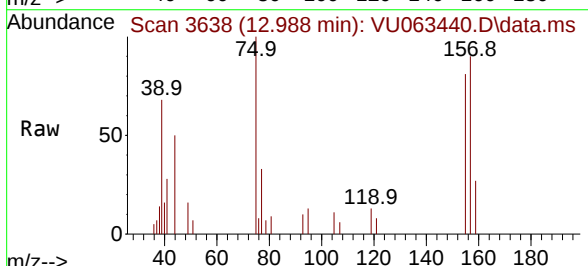
RT: 12.988 min Scan# 3638

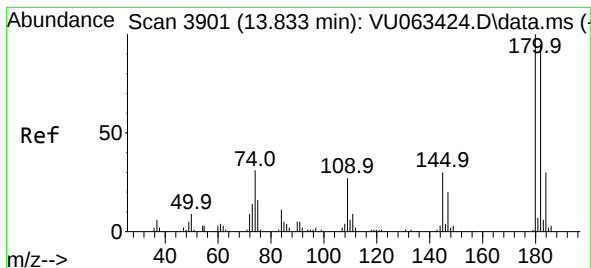
Delta R.T. -0.000 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Tgt Ion:	75	Resp:	4052
Ion Ratio	Lower	Upper	
75	100		
155	78.9	59.7	89.5
157	99.5	75.0	112.4





#87

1,2,4-Trichlorobenzene

Concen: 1.879 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

Instrument :

MSVOA_U

ClientSampleId :

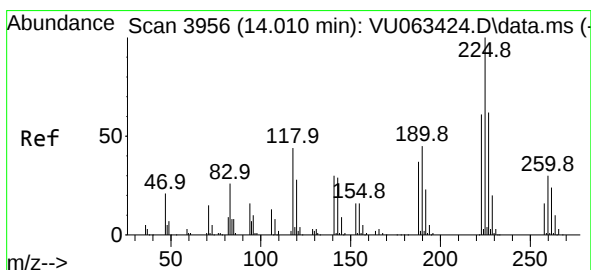
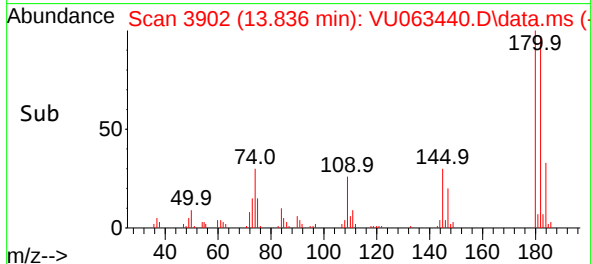
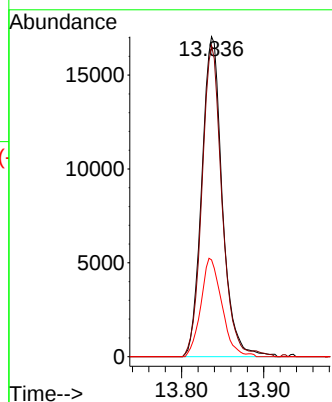
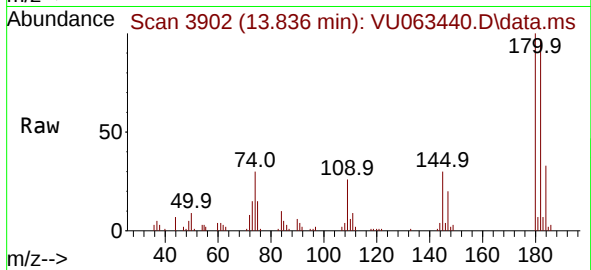
VU0624WBS02

Tgt Ion:	180	Resp:	2962
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.6	113.4
145	31.1	24.6	36.8

Manual Integrations

APPROVED

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



#88

Hexachlorobutadiene

Concen: 1.986 ug/l

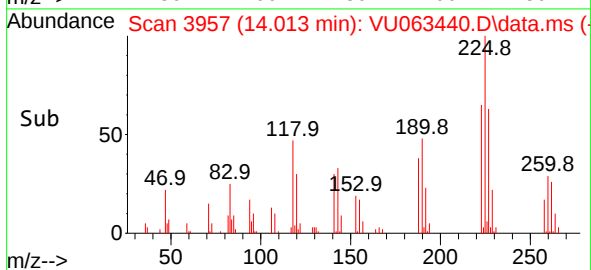
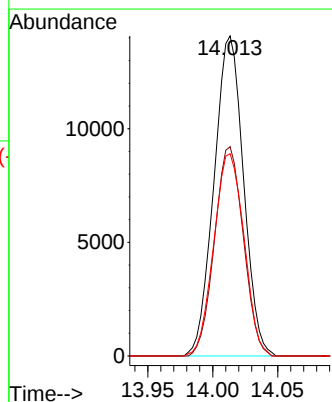
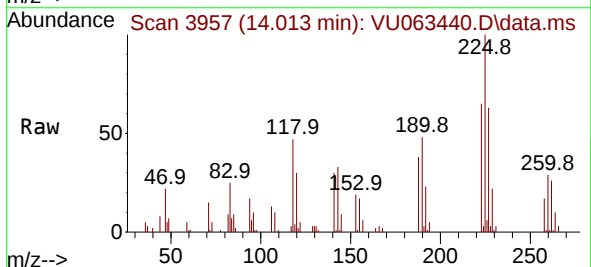
RT: 14.013 min Scan# 3957

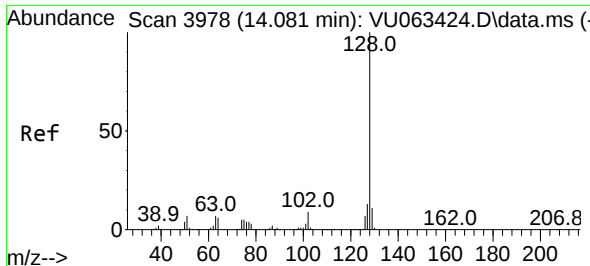
Delta R.T. 0.003 min

Lab File: VU063440.D

Acq: 24 Jun 2025 16:23

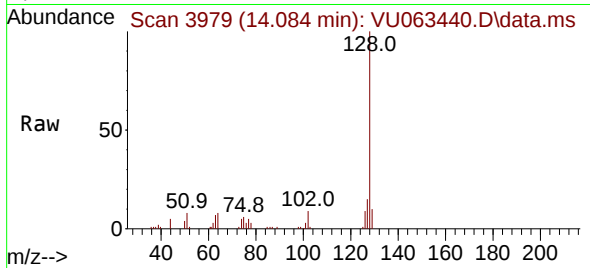
Tgt Ion:	225	Resp:	22213
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.0	75.0
227	64.7	51.5	77.3





#89
Naphthalene
Concen: 2.155 ug/l
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

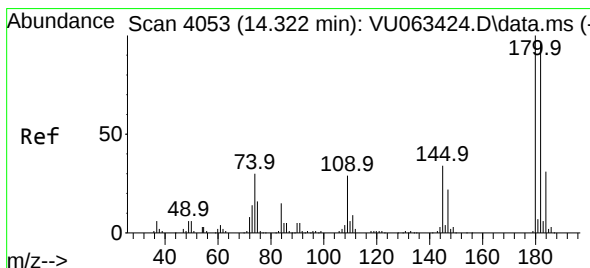
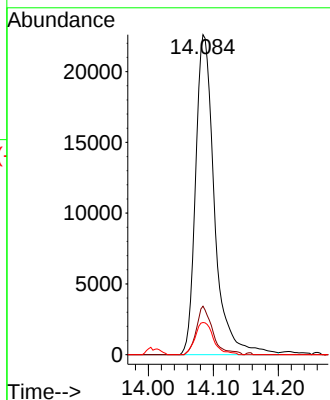
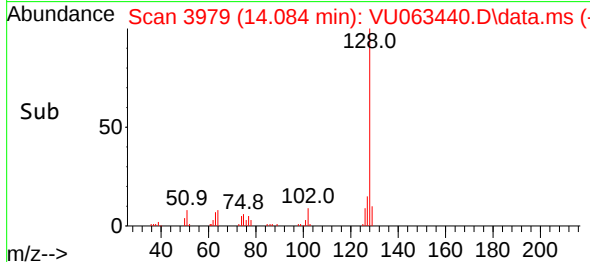
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS02



Tgt Ion:128 Resp: 45684
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 9.8 8.7 13.1

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.833 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063440.D
Acq: 24 Jun 2025 16:23

Tgt Ion:180 Resp: 28751
Ion Ratio Lower Upper
180 100
182 95.3 76.7 115.1
145 33.0 27.4 41.2

