

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
 Data File : VY023164.D
 Acq On : 20 Aug 2025 10:24
 Operator : SY/MD
 Sample : VY0820SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0820SBS01

Quant Time: Aug 21 01:36:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
 Supervised By :Semsettin Yesilyurt 08/22/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	459555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	730484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	640306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	323804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	208166	47.528	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.060%		
35) Dibromofluoromethane	7.634	113	217247	49.702	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.400%		
50) Toluene-d8	10.103	98	848402	49.685	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.402	95	261400	47.601	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	79053	21.074	ug/l	98
3) Chloromethane	2.074	50	130929	21.550	ug/l	100
4) Vinyl Chloride	2.208	62	164087	21.848	ug/l	99
5) Bromomethane	2.592	94	138095	24.621	ug/l	98
6) Chloroethane	2.733	64	110112	22.053	ug/l	98
7) Trichlorofluoromethane	3.056	101	190344	20.843	ug/l	99
8) Diethyl Ether	3.458	74	45992	19.036	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	94641	21.006	ug/l	100
10) Methyl Iodide	4.007	142	93165	19.163	ug/l	97
11) Tert butyl alcohol	4.854	59	25336	84.424	ug/l #	84
12) 1,1-Dichloroethene	3.793	96	91227	20.600	ug/l	91
13) Acrolein	3.653	56	30908	70.324	ug/l	96
14) Allyl chloride	4.385	41	123764	18.993	ug/l	99
15) Acrylonitrile	5.068	53	92487	94.158	ug/l	99
16) Acetone	3.867	43	108385	114.225	ug/l	97
17) Carbon Disulfide	4.104	76	291923	20.217	ug/l	97
18) Methyl Acetate	4.385	43	52896	18.733	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	213430	18.599	ug/l	98
20) Methylene Chloride	4.610	84	105212	19.691	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	101756	20.447	ug/l	99
22) Diisopropyl ether	6.019	45	274076	19.356	ug/l	93
23) Vinyl Acetate	5.964	43	713664	91.149	ug/l	100
24) 1,1-Dichloroethane	5.915	63	176815	20.424	ug/l	98
25) 2-Butanone	6.896	43	128976	99.942	ug/l	99
26) 2,2-Dichloropropane	6.878	77	152419	20.404	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	117267	20.382	ug/l	97
28) Bromochloromethane	7.244	49	68297	19.885	ug/l	98
29) Tetrahydrofuran	7.262	42	70670	88.345	ug/l	99
30) Chloroform	7.421	83	187434	20.993	ug/l	97
31) Cyclohexane	7.701	56	154414	18.928	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	163289	20.612	ug/l	99
36) 1,1-Dichloropropene	7.835	75	131556	20.252	ug/l	99
37) Ethyl Acetate	6.982	43	50678	18.572	ug/l	99
38) Carbon Tetrachloride	7.823	117	146099	20.707	ug/l	97
39) Methylcyclohexane	9.109	83	161897	18.926	ug/l	99
40) Benzene	8.079	78	413672	20.662	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	28288	17.963	ug/l	96
42) 1,2-Dichloroethane	8.158	62	102487	19.682	ug/l	99
43) Isopropyl Acetate	8.195	43	95562	17.327	ug/l	98
44) Trichloroethene	8.866	130	109999	21.260	ug/l	98
45) 1,2-Dichloropropane	9.140	63	93662	20.332	ug/l	97
46) Dibromomethane	9.231	93	53516	20.240	ug/l	99
47) Bromodichloromethane	9.420	83	139120	20.448	ug/l	96
48) Methyl methacrylate	9.219	41	46693	17.692	ug/l	98
49) 1,4-Dioxane	9.225	88	11384	367.192	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	254313	89.392	ug/l	100
52) Toluene	10.170	92	260797	20.509	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	119277	19.360	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	143792	19.737	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	72658	20.536	ug/l	99
56) Ethyl methacrylate	10.439	69	78424	17.322	ug/l	99
57) 1,3-Dichloropropane	10.719	76	118529	19.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	197822	92.633	ug/l	99
59) 2-Hexanone	10.762	43	181841	93.868	ug/l	99
60) Dibromochloromethane	10.908	129	94101	20.157	ug/l	98
61) 1,2-Dibromoethane	11.012	107	66546	20.011	ug/l	99
64) Tetrachloroethene	10.646	164	128497	22.474	ug/l	98
65) Chlorobenzene	11.438	112	281033	20.348	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.512	131	95804	20.438	ug/l	97
67) Ethyl Benzene	11.518	91	468705	19.720	ug/l	98
68) m/p-Xylenes	11.627	106	374257	40.317	ug/l	97
69) o-Xylene	11.950	106	169335	19.476	ug/l	97
70) Styrene	11.969	104	286037	20.117	ug/l	98
71) Bromoform	12.133	173	53523	19.537	ug/l #	98
73) Isopropylbenzene	12.255	105	442733	19.372	ug/l	100
74) N-amyl acetate	12.066	43	78737	16.246	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	68865	17.648	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	64111m	20.515	ug/l	
77) Bromobenzene	12.530	156	105703	19.387	ug/l	98
78) n-propylbenzene	12.591	91	535326	19.675	ug/l	99
79) 2-Chlorotoluene	12.676	91	309392	19.846	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	363677	19.690	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	22178	17.179	ug/l	95
82) 4-Chlorotoluene	12.773	91	317186	19.613	ug/l	99
83) tert-Butylbenzene	12.993	119	325943	19.539	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	364461	19.822	ug/l	100
85) sec-Butylbenzene	13.170	105	484397	19.767	ug/l	100
86) p-Isopropyltoluene	13.292	119	402765	19.801	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	218878	20.357	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	213060	19.976	ug/l	98
89) n-Butylbenzene	13.615	91	360095	19.275	ug/l	99
90) Hexachloroethane	13.877	117	83702	20.102	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	185391	19.661	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10613	17.468	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	101300	18.167	ug/l	97
94) Hexachlorobutadiene	15.023	225	64526	19.692	ug/l	100
95) Naphthalene	15.145	128	151141	15.895	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	88110	18.337	ug/l	97

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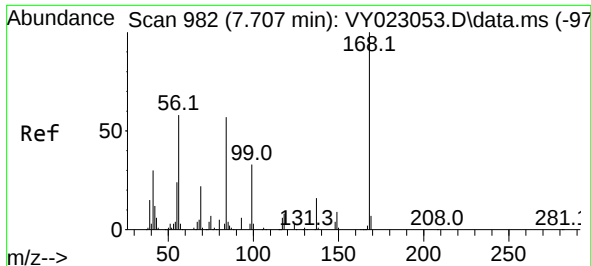
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 08/22/2025

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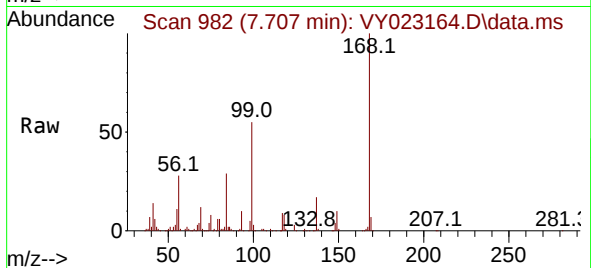
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023164.D
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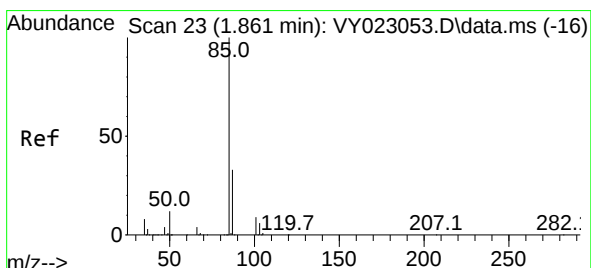
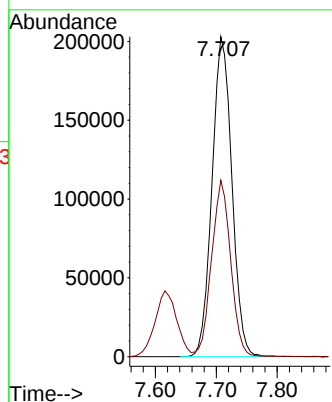
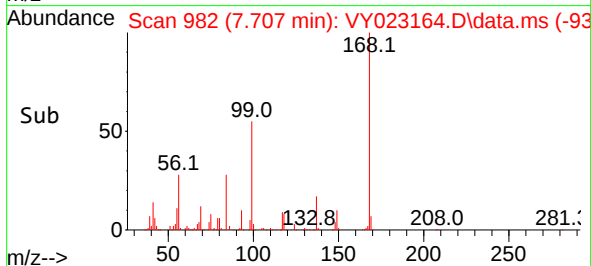
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion:168 Resp: 45955
Ion Ratio Lower Upper
168 100
99 55.0 42.8 64.2

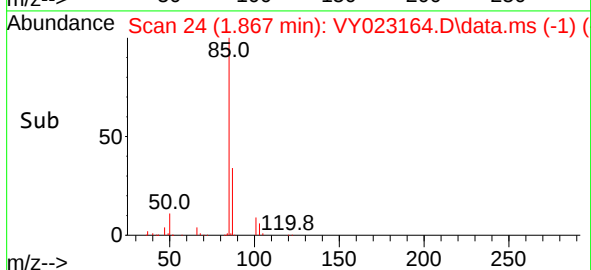
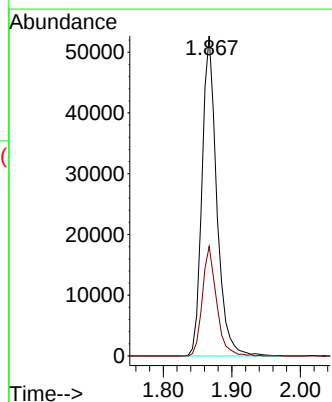
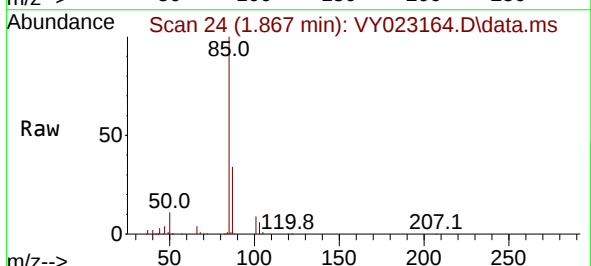
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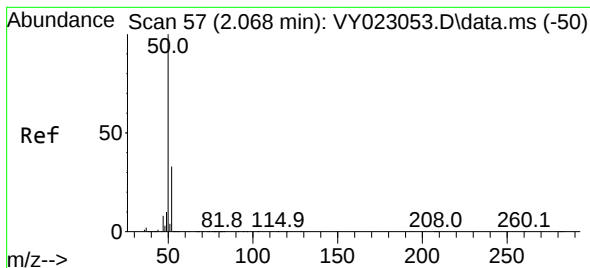
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#2
Dichlorodifluoromethane
Concen: 21.074 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Tgt Ion: 85 Resp: 79053
Ion Ratio Lower Upper
85 100
87 34.3 16.6 49.8





#3

Chloromethane

Concen: 21.550 ug/l

RT: 2.074 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01

Tgt Ion: 50 Resp: 130929

Ion Ratio Lower Upper

50 100

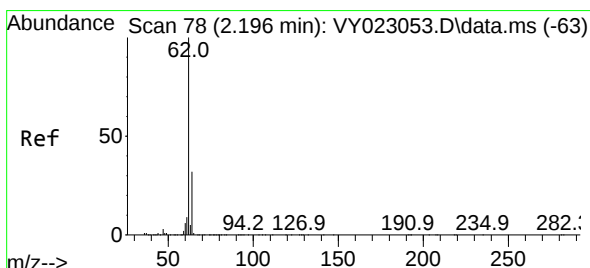
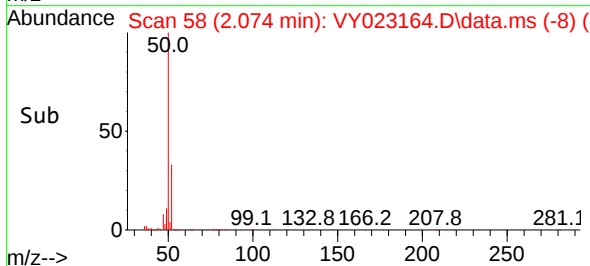
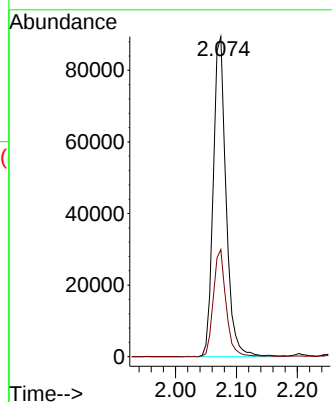
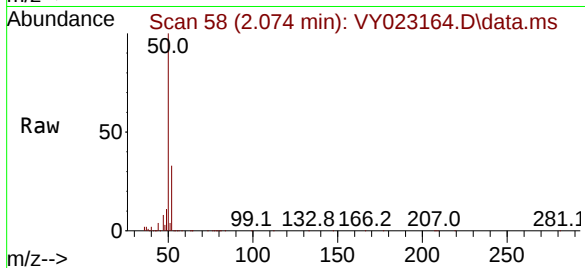
52 33.5 26.7 40.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#4

Vinyl Chloride

Concen: 21.848 ug/l

RT: 2.208 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY023164.D

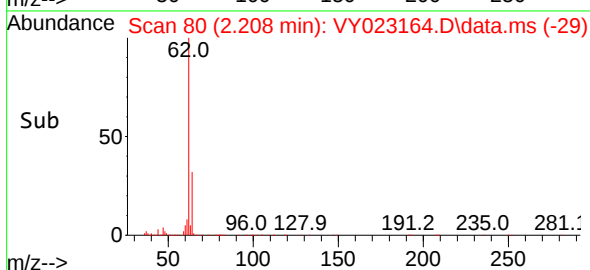
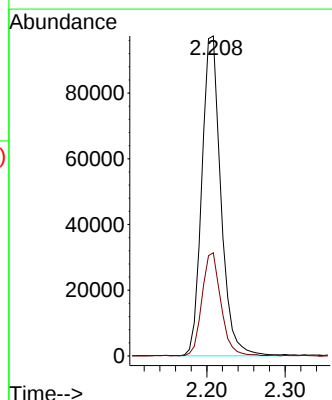
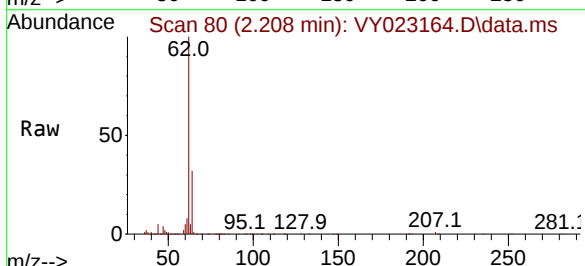
Acq: 20 Aug 2025 10:24

Tgt Ion: 62 Resp: 164087

Ion Ratio Lower Upper

62 100

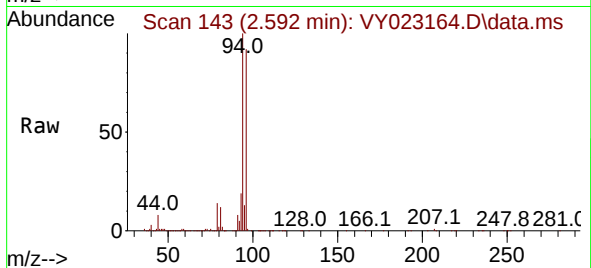
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 24.621 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

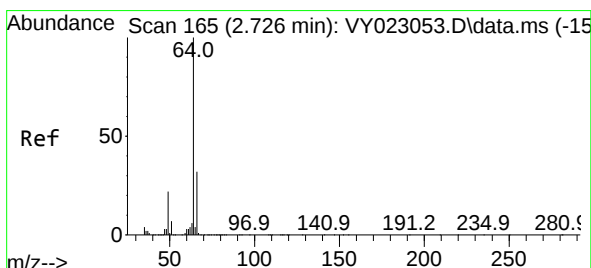
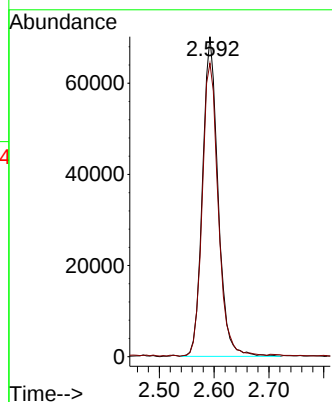
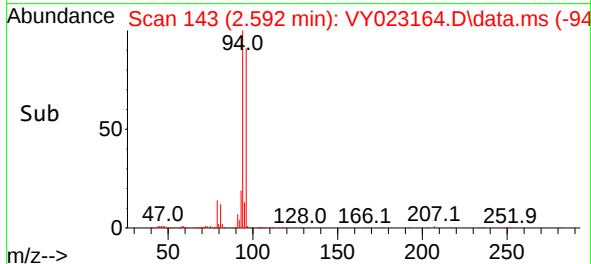
Instrument :
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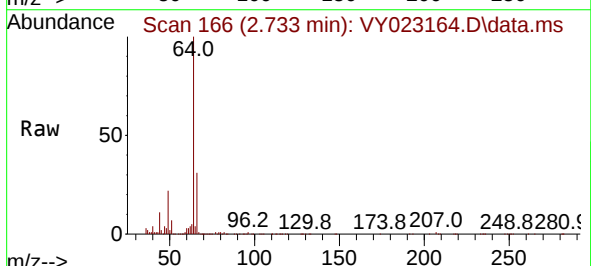
Tgt Ion: 94 Resp: 138095
Ion Ratio Lower Upper
94 100
96 91.7 74.6 112.0

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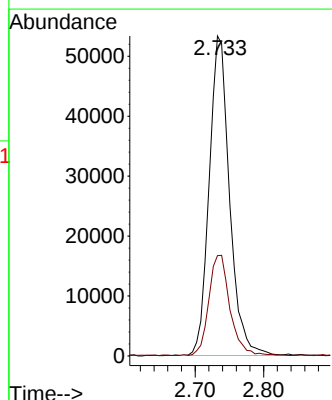
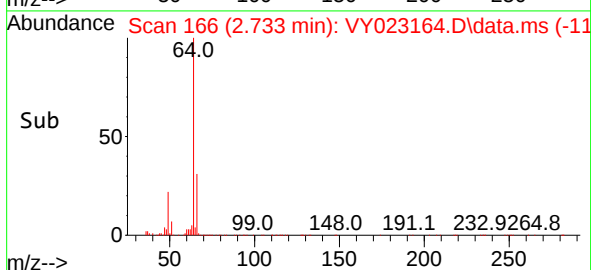
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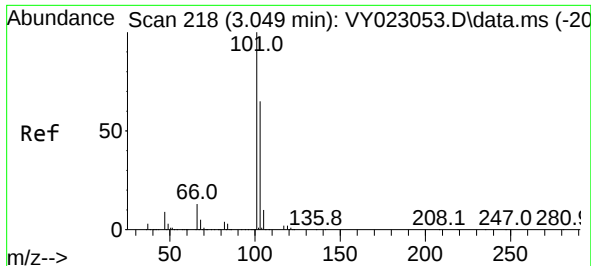


#6
Chloroethane
Concen: 22.053 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24



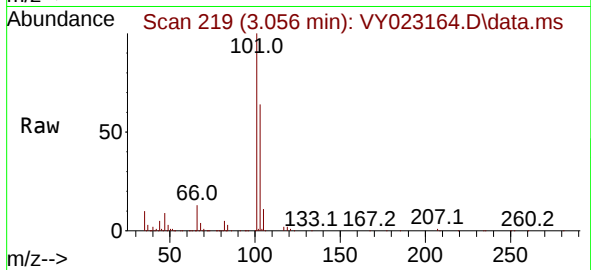
Tgt Ion: 64 Resp: 110112
Ion Ratio Lower Upper
64 100
66 31.2 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 20.843 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023164.D
 Acq: 20 Aug 2025 10:24

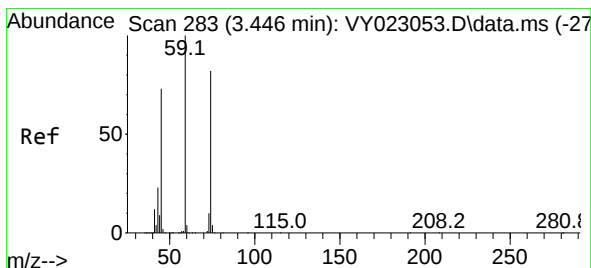
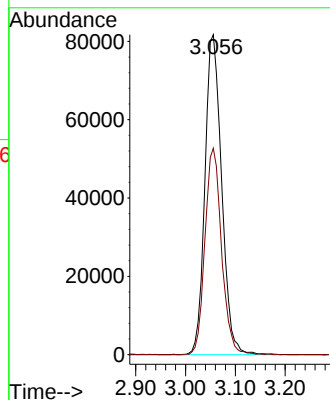
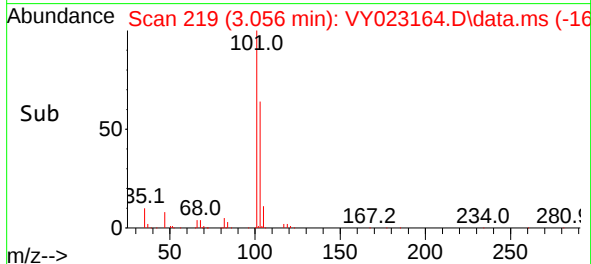
Instrument :
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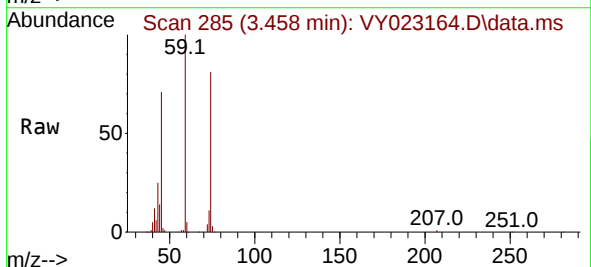
Tgt Ion:101 Resp: 190344
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.9 77.9

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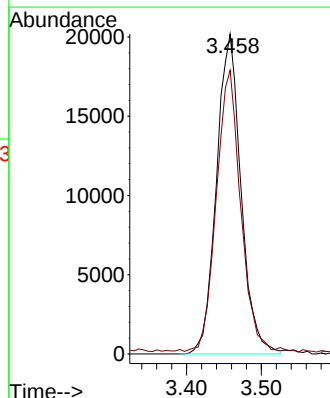
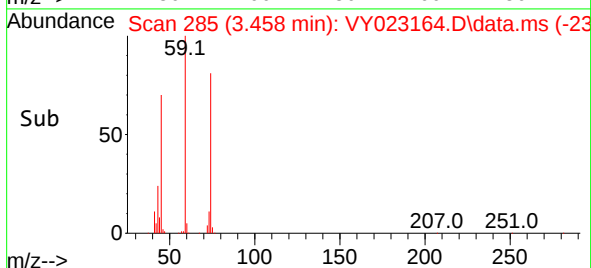
Reviewed By :Mahesh Dadoda 08/22/2025
 Supervised By :Semsettin Yesilyurt 08/22/2025



#8
 Diethyl Ether
 Concen: 19.036 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023164.D
 Acq: 20 Aug 2025 10:24



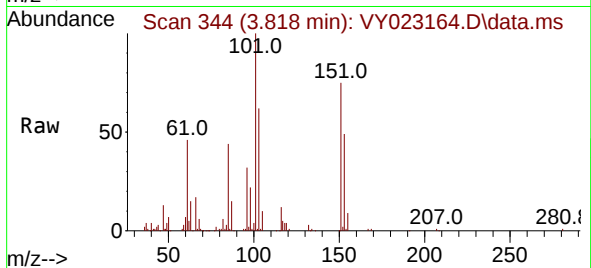
Tgt Ion: 74 Resp: 45992
 Ion Ratio Lower Upper
 74 100
 45 86.8 44.4 133.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.006 ug/l
RT: 3.818 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

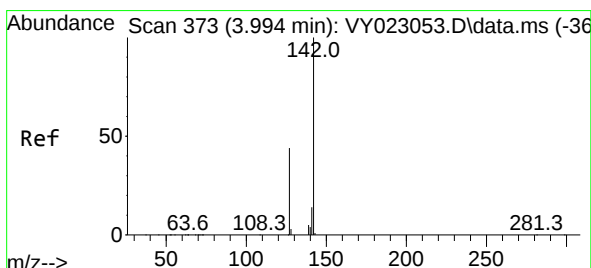
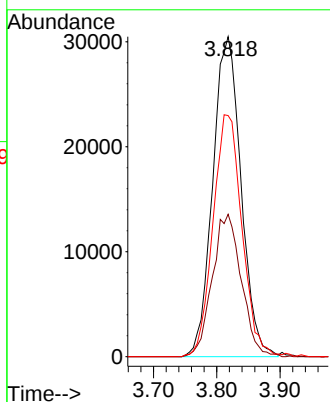
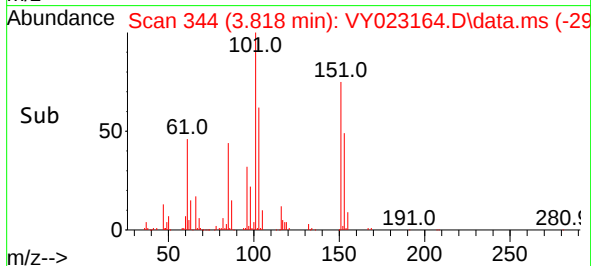
Instrument :
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ClientSampleId :
VY0820SBS01



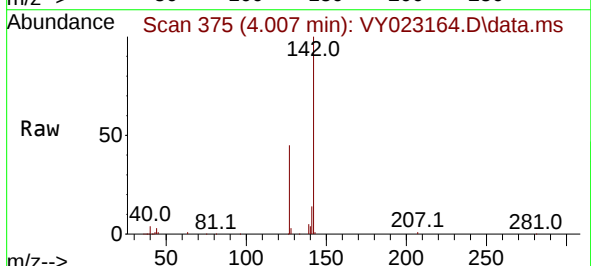
Tgt Ion:101 Resp: 9464
Ion Ratio Lower Upper
101 100
85 45.6 36.3 54.5
151 77.3 61.5 92.3

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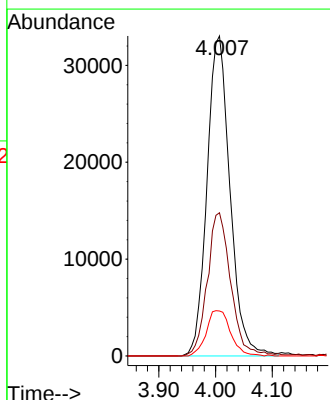
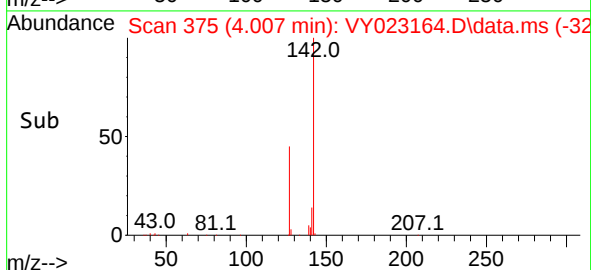
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#10
Methyl Iodide
Concen: 19.163 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24



Tgt Ion:142 Resp: 93165
Ion Ratio Lower Upper
142 100
127 45.6 34.9 52.3
141 14.9 11.3 16.9





#11

Tert butyl alcohol

Concen: 84.424 ug/l

RT: 4.854 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY023164.D

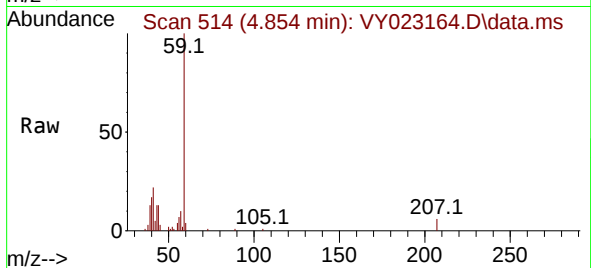
Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01



Tgt Ion: 59 Resp: 25330

Ion Ratio Lower Upper

59 100

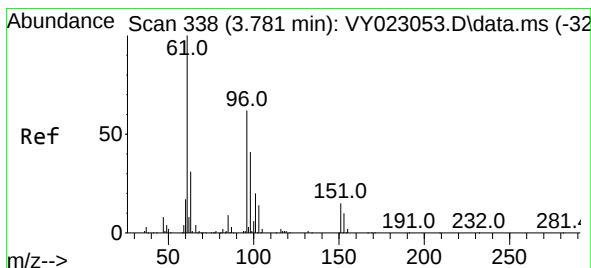
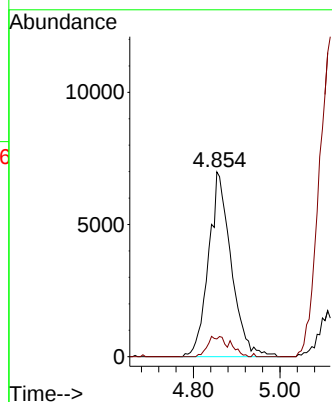
57 4.9 8.6 13.0

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Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#12

1,1-Dichloroethene

Concen: 20.600 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

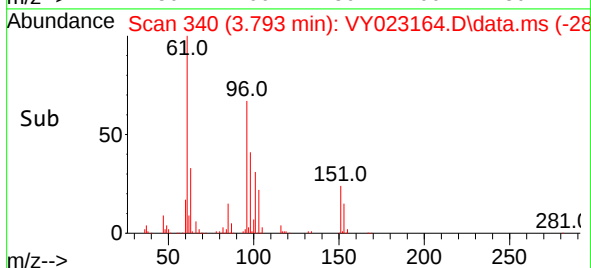
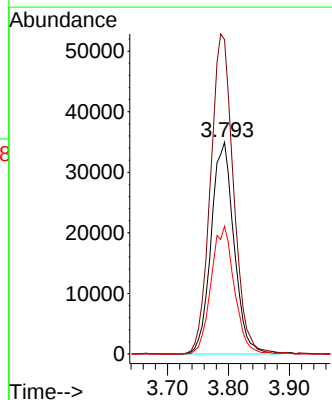
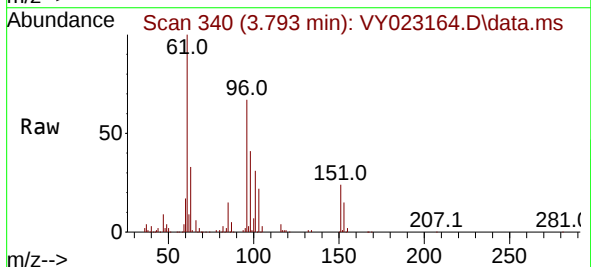
Tgt Ion: 96 Resp: 91227

Ion Ratio Lower Upper

96 100

61 148.5 129.4 194.2

98 60.3 52.8 79.2





#13

Acrolein

Concen: 70.324 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY023164.D

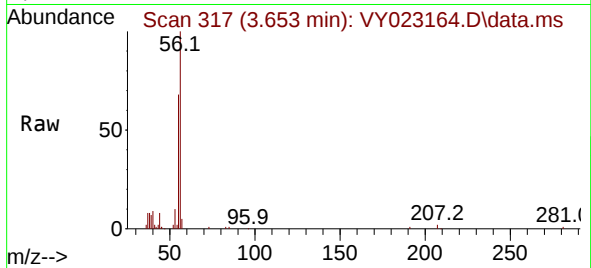
Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01



Tgt Ion: 56 Resp: 30908

Ion Ratio Lower Upper

56 100

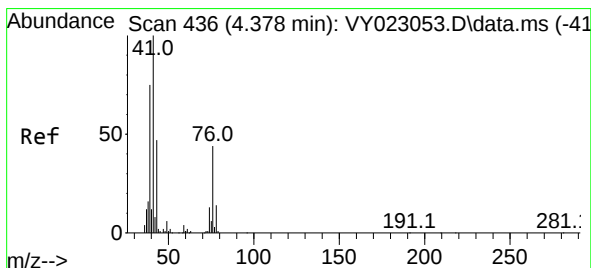
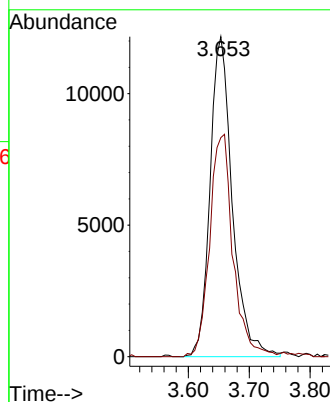
55 72.4 55.2 82.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#14

Allyl chloride

Concen: 18.993 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

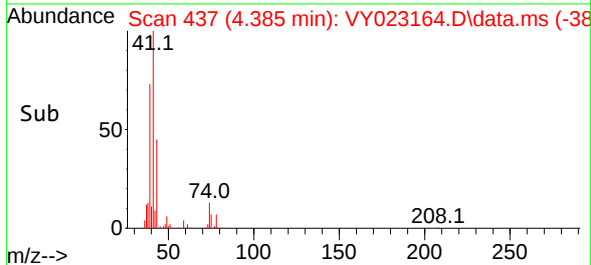
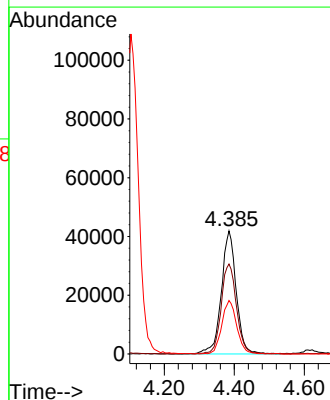
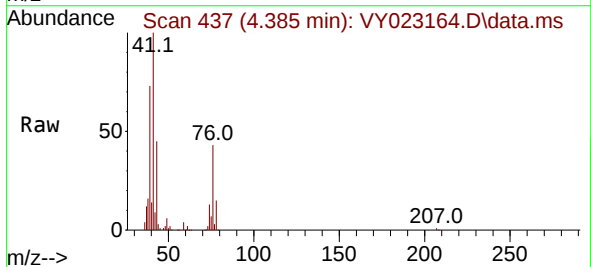
Tgt Ion: 41 Resp: 123764

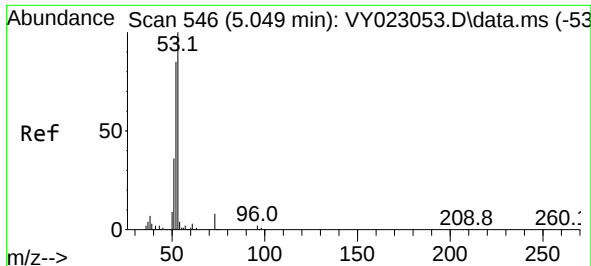
Ion Ratio Lower Upper

41 100

39 75.1 59.8 89.6

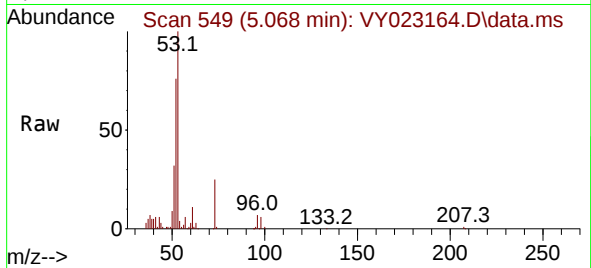
76 43.6 33.7 50.5





#15
Acrylonitrile
Concen: 94.158 ug/l
RT: 5.068 min Scan# 546
Delta R.T. 0.018 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

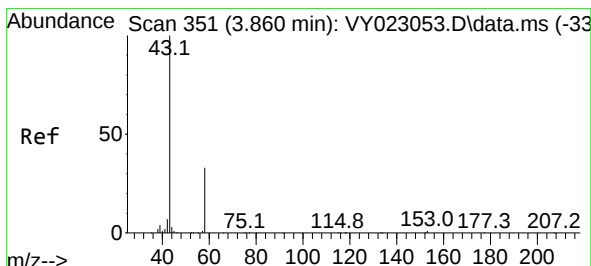
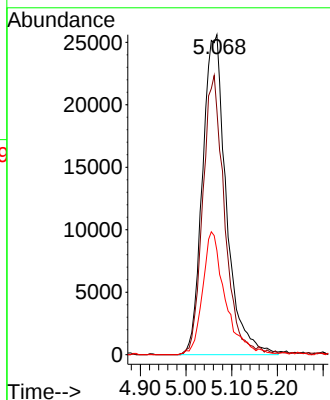
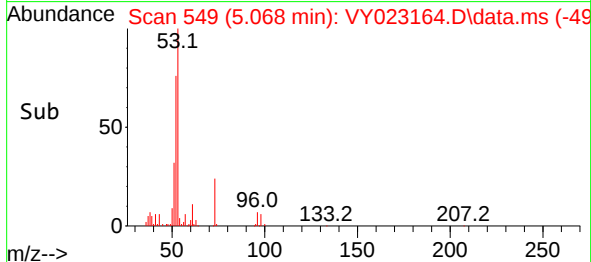
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion: 53 Resp: 9248
Ion Ratio Lower Upper
53 100
52 80.0 65.3 97.9
51 36.8 29.5 44.3

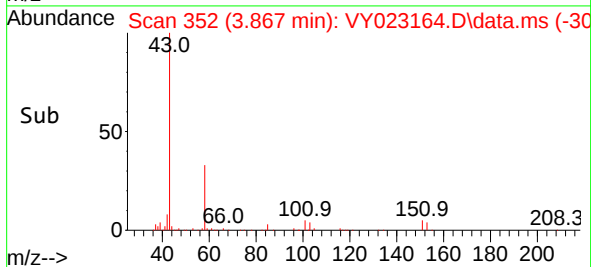
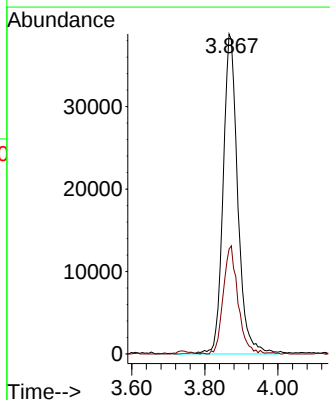
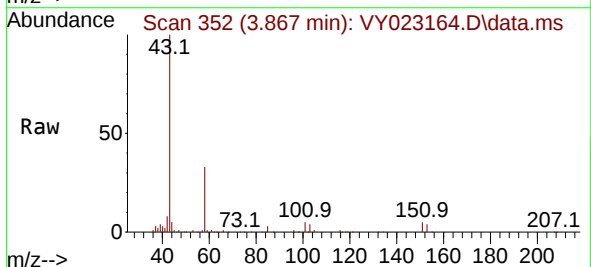
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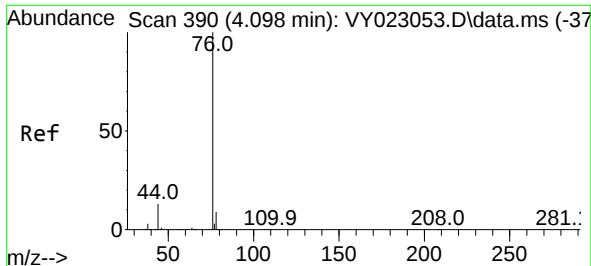
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#16
Acetone
Concen: 114.225 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

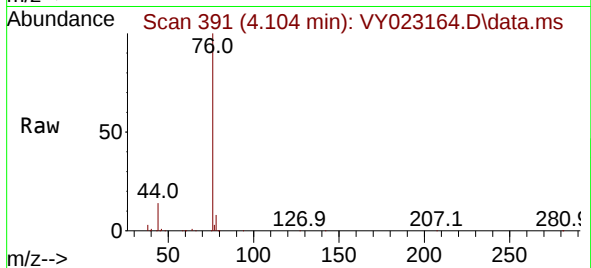
Tgt Ion: 43 Resp: 108385
Ion Ratio Lower Upper
43 100
58 32.4 27.1 40.7





#17
Carbon Disulfide
Concen: 20.217 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

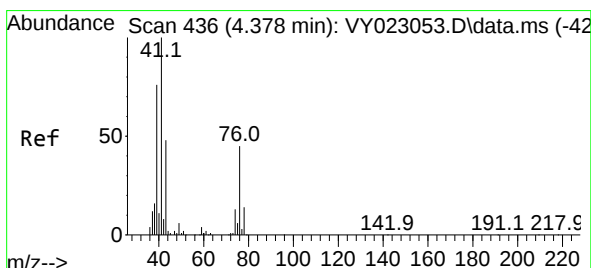
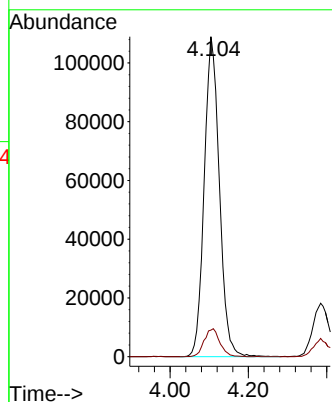
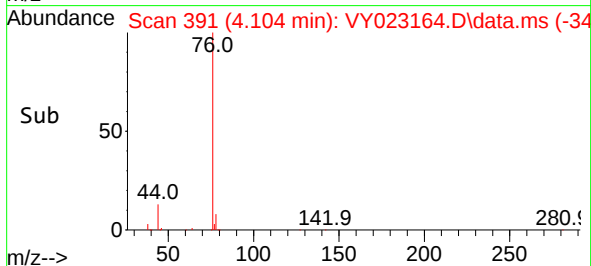
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion: 76 Resp: 29192
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

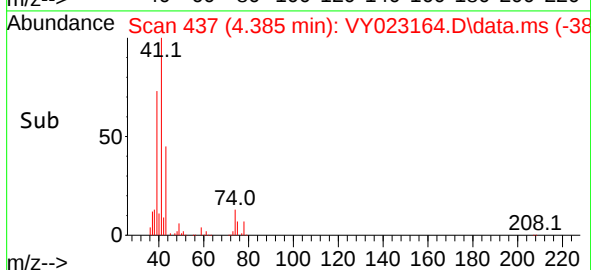
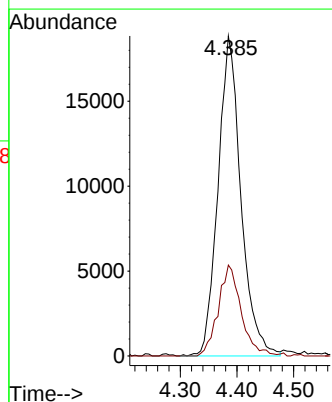
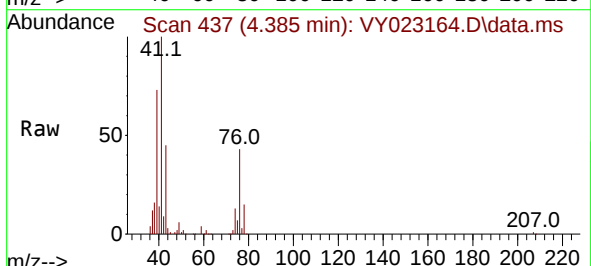
Manual Integrations
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Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#18
Methyl Acetate
Concen: 18.733 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

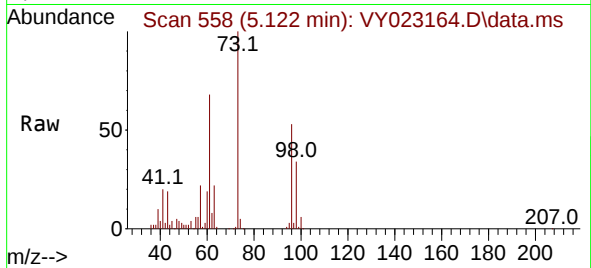
Tgt Ion: 43 Resp: 52896
Ion Ratio Lower Upper
43 100
74 28.3 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 18.599 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

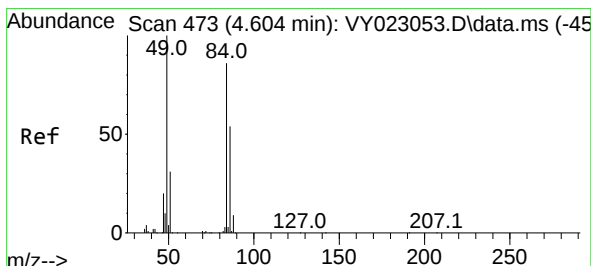
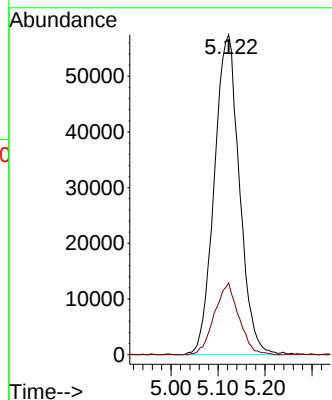
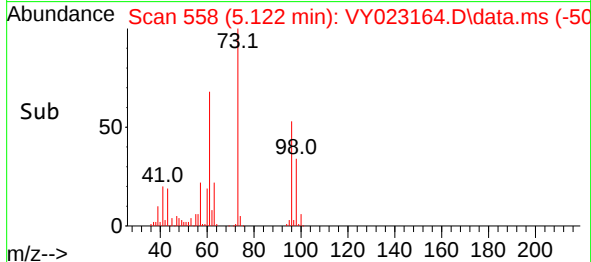
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion: 73 Resp: 213430
Ion Ratio Lower Upper
73 100
57 22.4 17.1 25.7

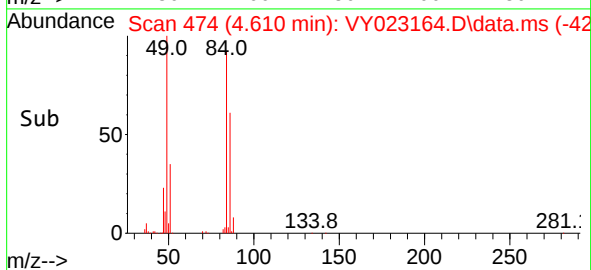
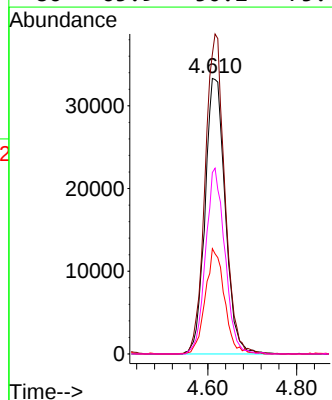
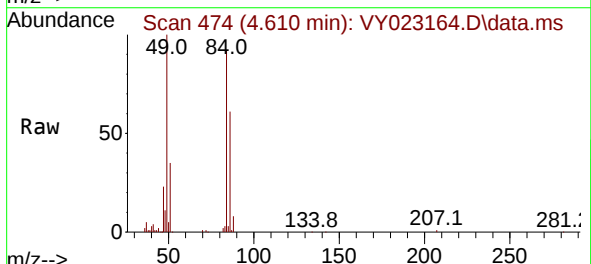
Manual Integrations
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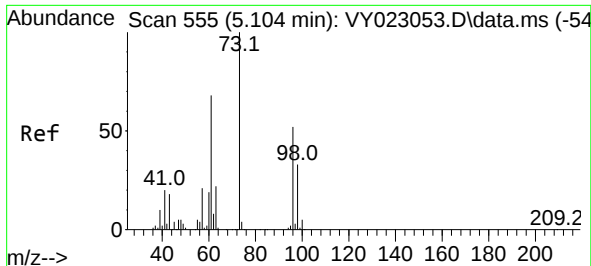
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#20
Methylene Chloride
Concen: 19.691 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

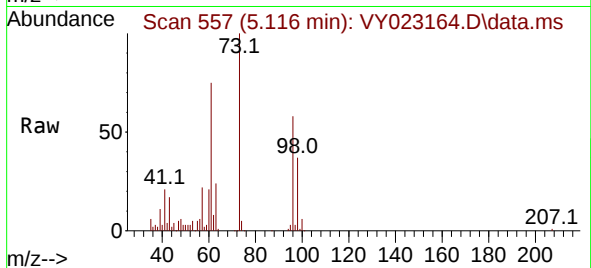
Tgt Ion: 84 Resp: 105212
Ion Ratio Lower Upper
84 100
49 108.7 93.0 139.6
51 38.2 29.0 43.4
86 65.9 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 20.447 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

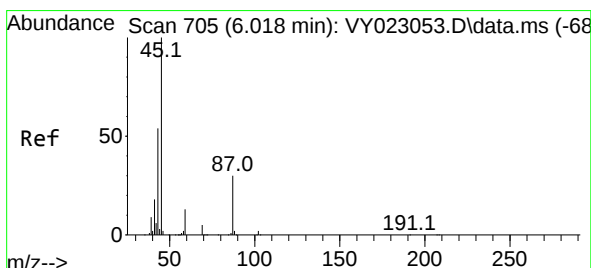
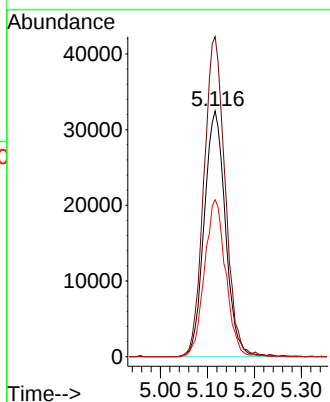
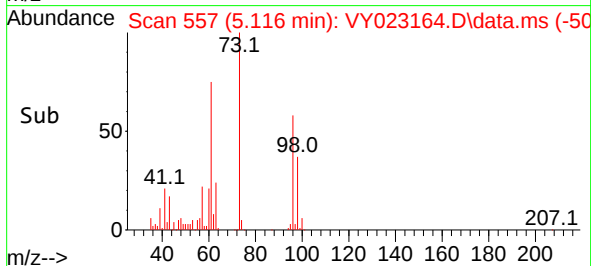
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion: 96 Resp: 101750
Ion Ratio Lower Upper
96 100
61 130.2 104.8 157.2
98 63.9 50.1 75.1

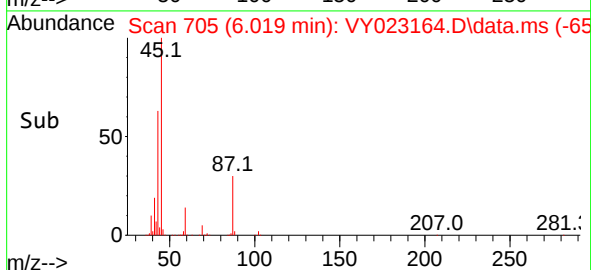
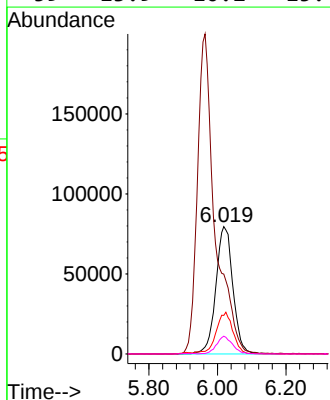
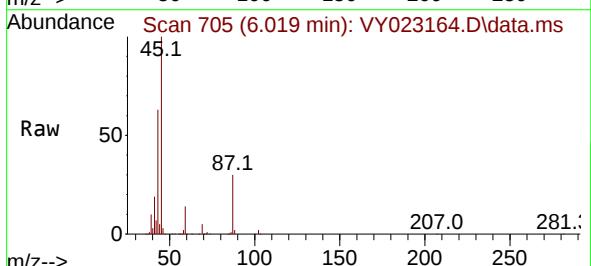
Manual Integrations
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Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#22
Diisopropyl ether
Concen: 19.356 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

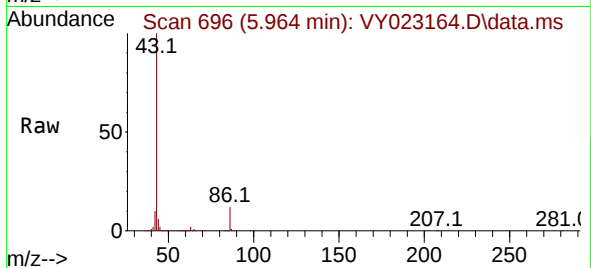
Tgt Ion: 45 Resp: 274076
Ion Ratio Lower Upper
45 100
43 62.6 43.4 65.0
87 30.3 24.4 36.6
59 13.9 10.2 15.4





#23
 Vinyl Acetate
 Concen: 91.149 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023164.D
 Acq: 20 Aug 2025 10:24

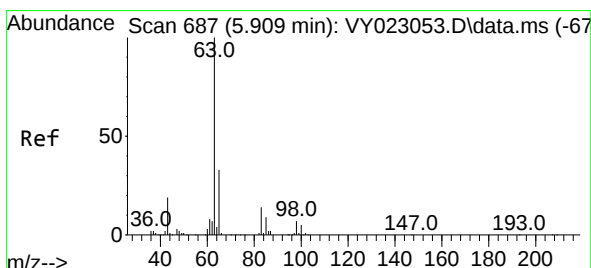
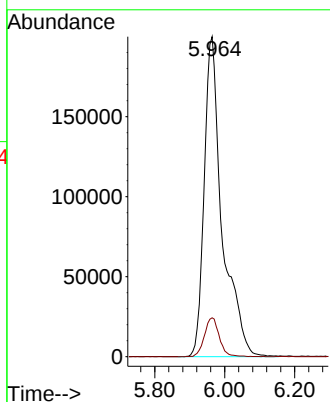
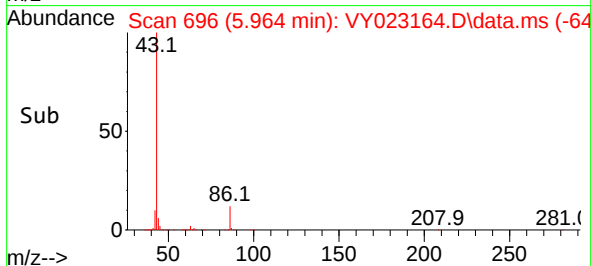
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0820SBS01



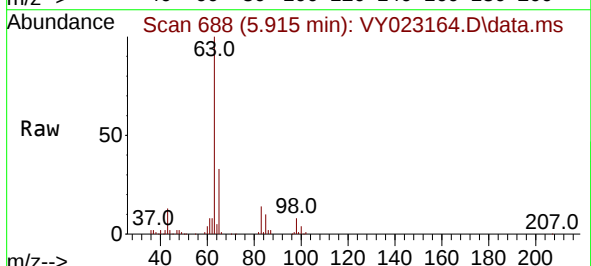
Tgt Ion: 43 Resp: 71364
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.6 14.4

Manual Integrations
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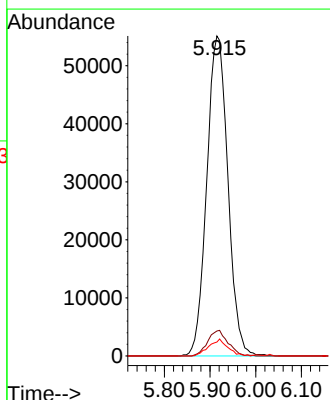
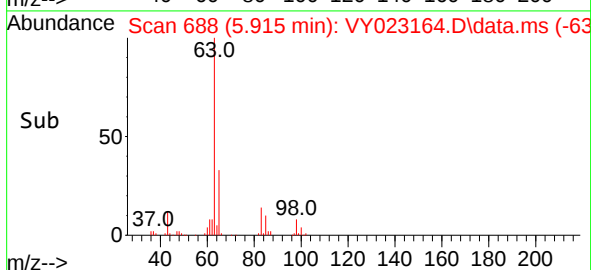
Reviewed By :Mahesh Dadoda 08/22/2025
 Supervised By :Semsettin Yesilyurt 08/22/2025



#24
 1,1-Dichloroethane
 Concen: 20.424 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023164.D
 Acq: 20 Aug 2025 10:24



Tgt Ion: 63 Resp: 176815
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 99.942 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023164.D

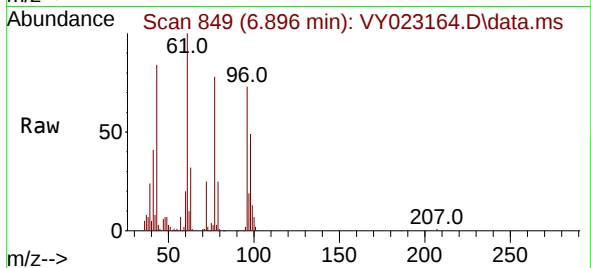
Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01



Tgt Ion: 43 Resp: 128970

Ion Ratio Lower Upper

43 100

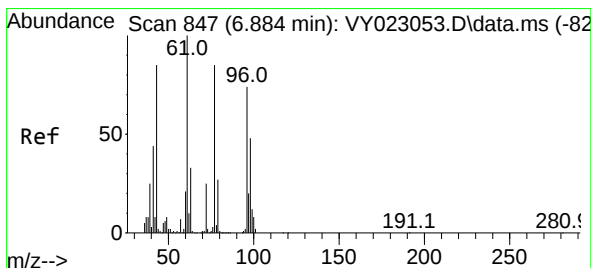
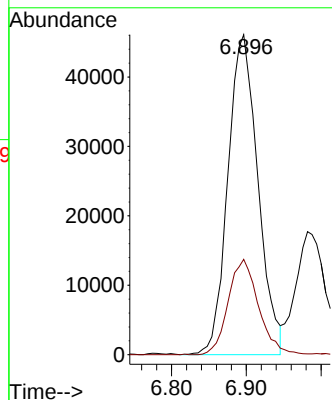
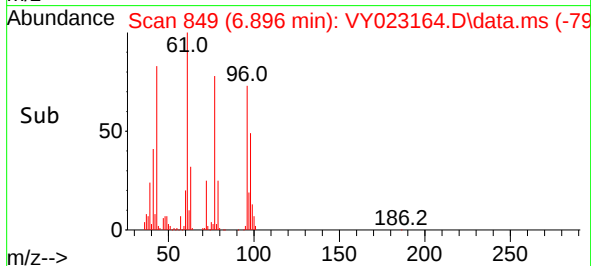
72 29.8 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#26

2,2-Dichloropropane

Concen: 20.404 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY023164.D

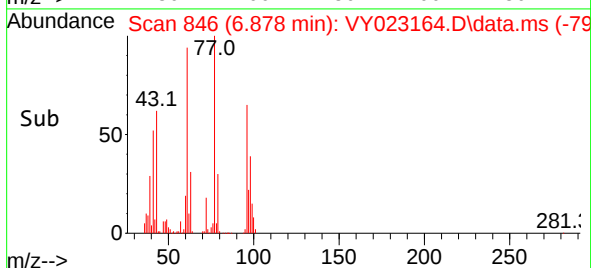
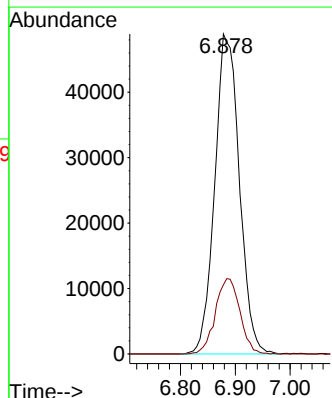
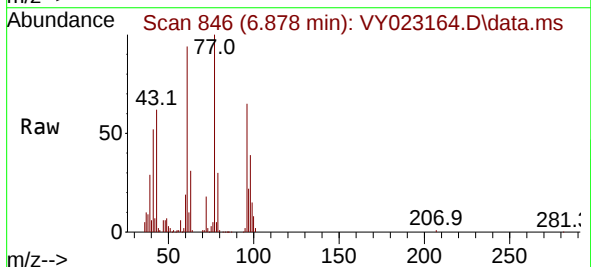
Acq: 20 Aug 2025 10:24

Tgt Ion: 77 Resp: 152419

Ion Ratio Lower Upper

77 100

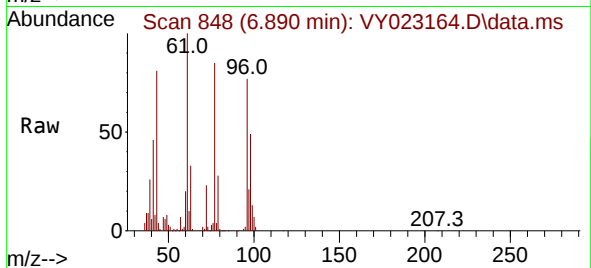
97 23.5 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.382 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023164.D
 Acq: 20 Aug 2025 10:24

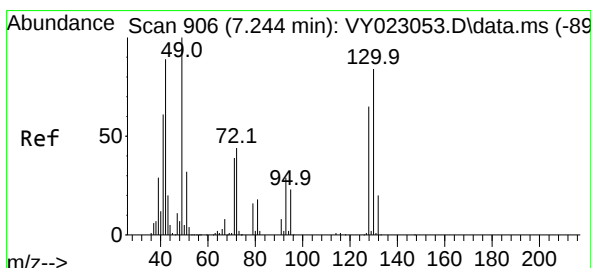
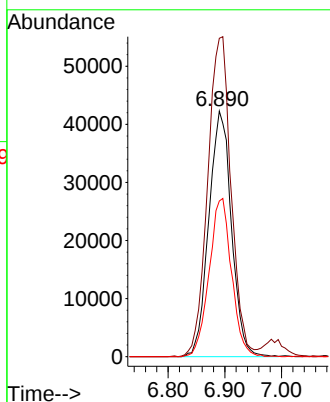
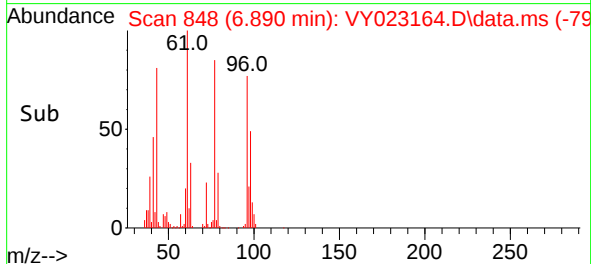
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0820SBS01



Tgt Ion: 96 Resp: 11726
 Ion Ratio Lower Upper
 96 100
 61 134.4 0.0 278.6
 98 63.7 0.0 130.4

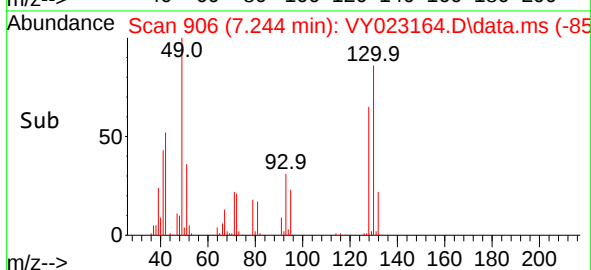
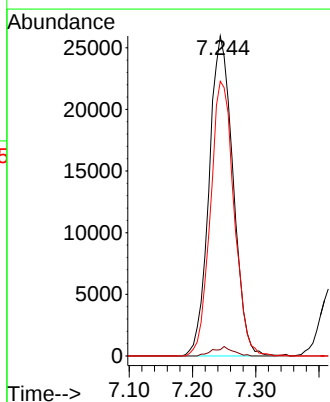
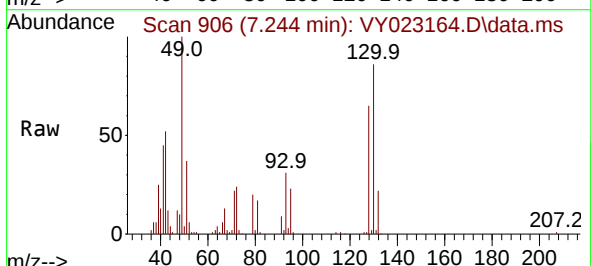
Manual Integrations
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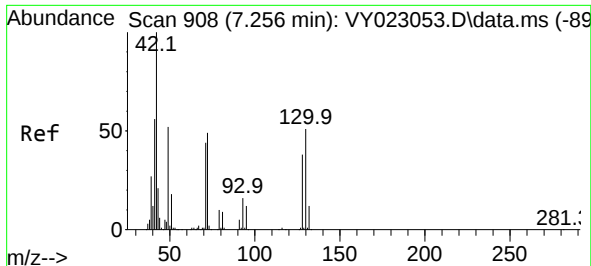
Reviewed By :Mahesh Dadoda 08/22/2025
 Supervised By :Semsettin Yesilyurt 08/22/2025



#28
 Bromochloromethane
 Concen: 19.885 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023164.D
 Acq: 20 Aug 2025 10:24

Tgt Ion: 49 Resp: 68297
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 84.5 66.4 99.6





#29

Tetrahydrofuran

Concen: 88.345 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

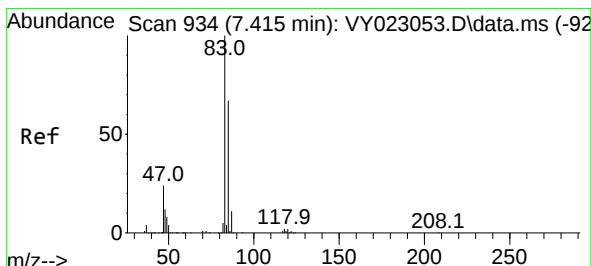
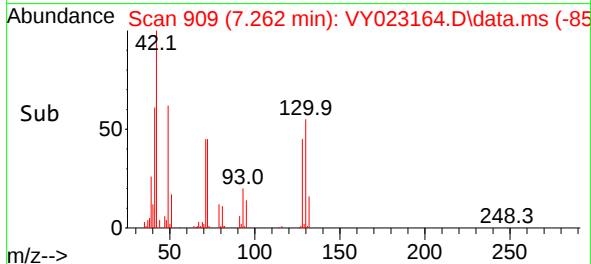
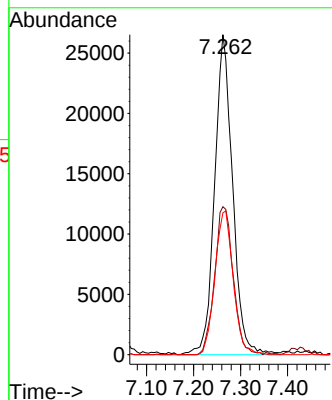
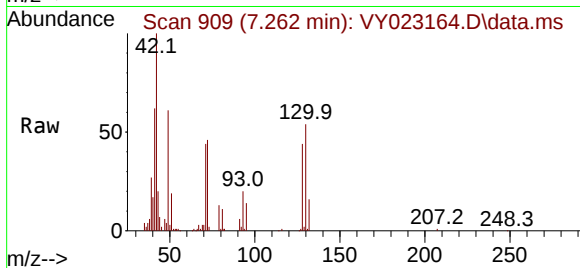
VY0820SBS01

Tgt Ion: 42	Resp: 70670
Ion Ratio	Lower Upper
42	100
72	47.7 39.4 59.2
71	45.7 36.5 54.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#30

Chloroform

Concen: 20.993 ug/l

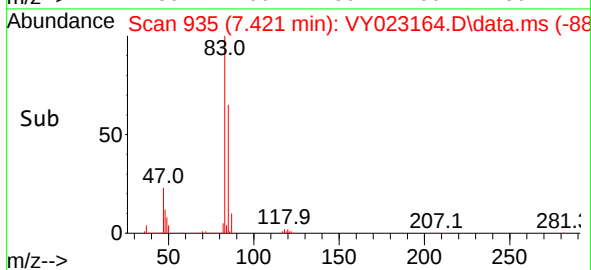
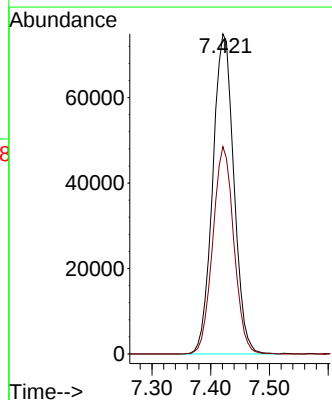
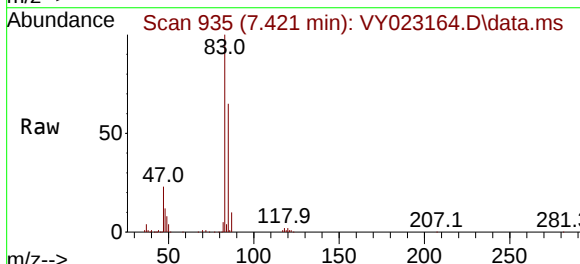
RT: 7.421 min Scan# 935

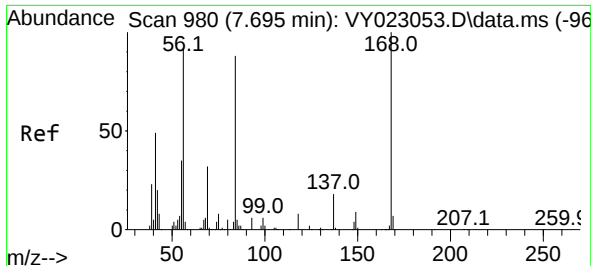
Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

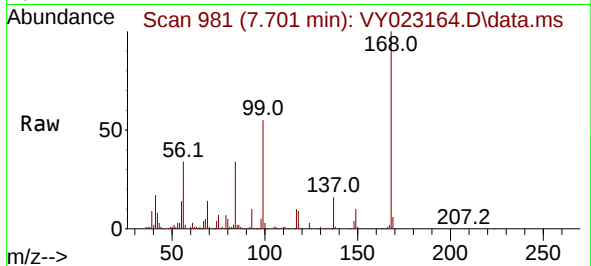
Tgt Ion: 83	Resp: 187434
Ion Ratio	Lower Upper
83	100
85	64.8 53.8 80.8





#31
Cyclohexane
Concen: 18.928 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

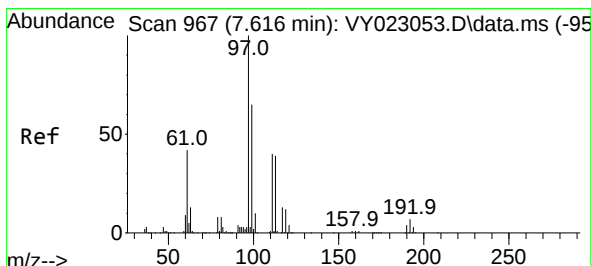
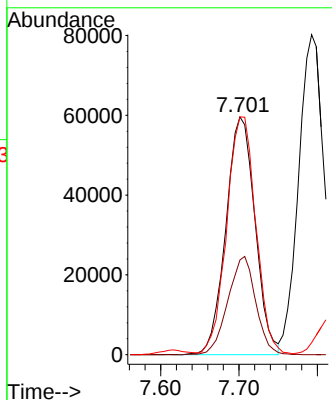
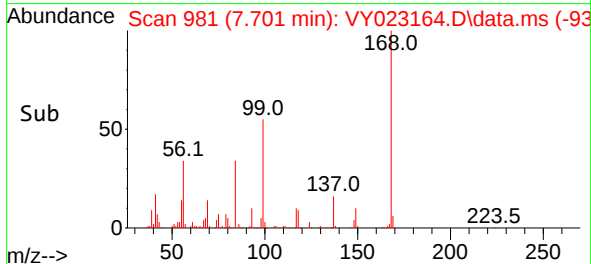
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion: 56 Resp: 154414
Ion Ratio Lower Upper
56 100
69 39.9 28.2 42.2
84 98.3 76.6 114.8

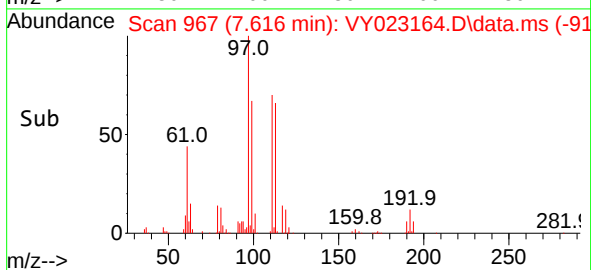
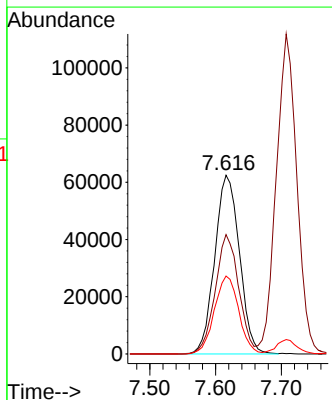
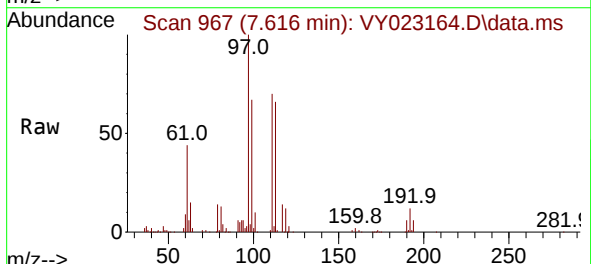
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#32
1,1,1-Trichloroethane
Concen: 20.612 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Tgt Ion: 97 Resp: 163289
Ion Ratio Lower Upper
97 100
99 63.5 51.6 77.4
61 43.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.528 ug/l

RT: 8.061 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01

Tgt Ion: 65 Resp: 208160

Ion Ratio Lower Upper

65 100

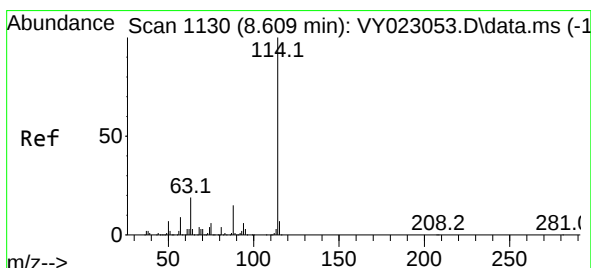
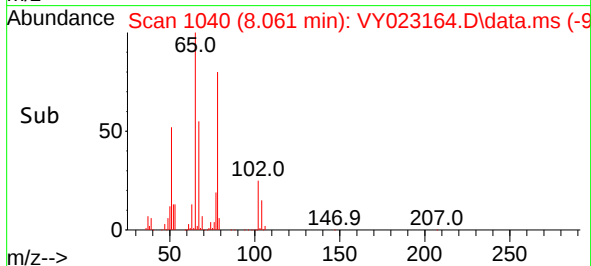
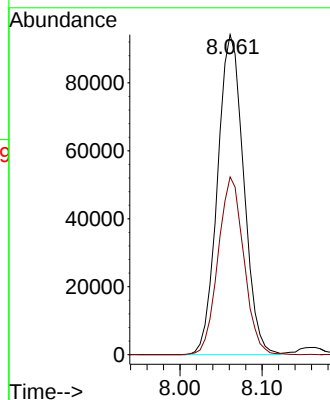
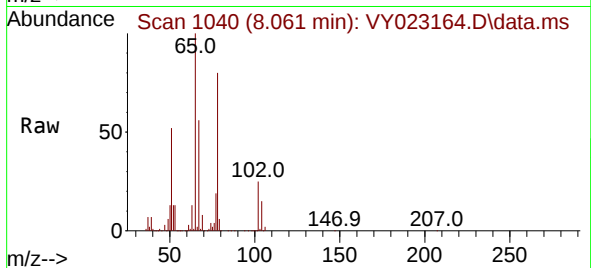
67 54.7 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

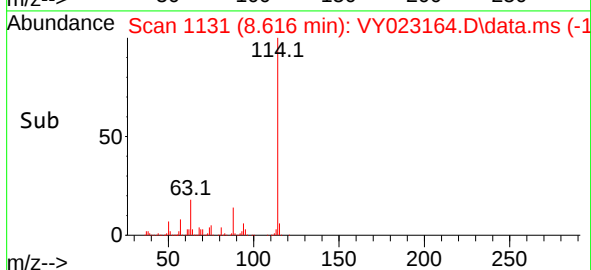
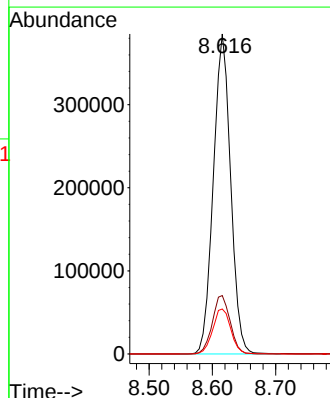
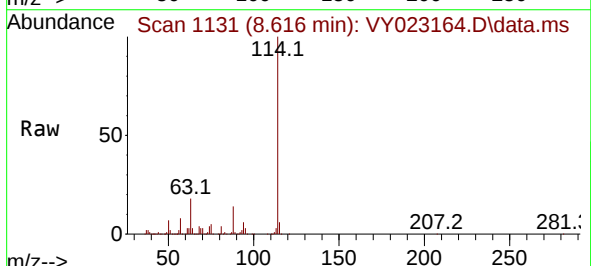
Tgt Ion:114 Resp: 730484

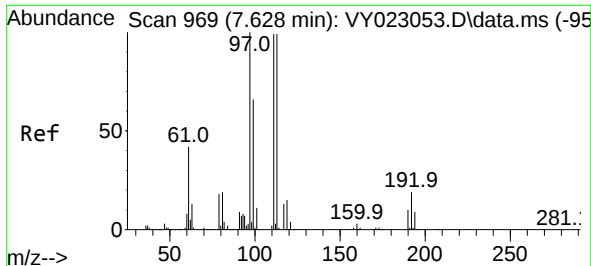
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

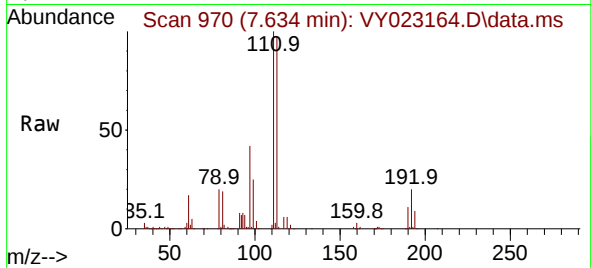
88 14.0 0.0 30.0





#35
Dibromofluoromethane
Concen: 49.702 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

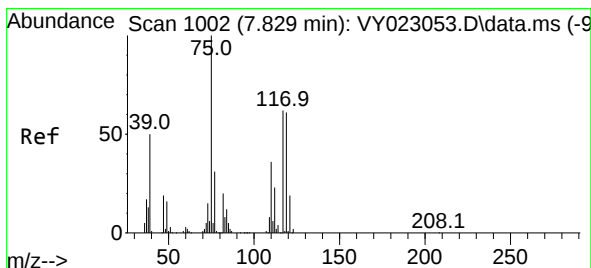
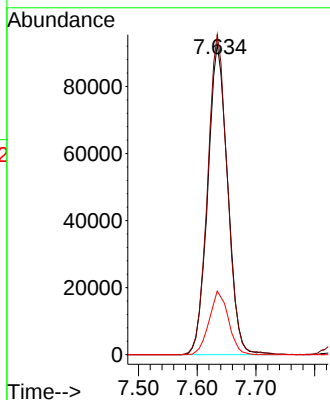
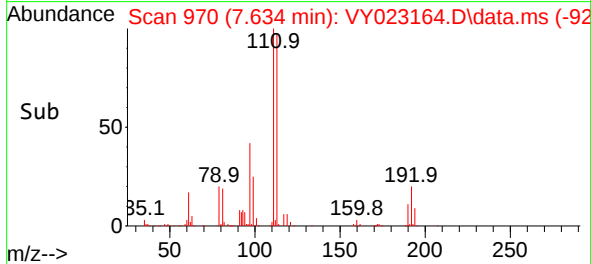
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion:113 Resp: 21724
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 19.8 16.2 24.4

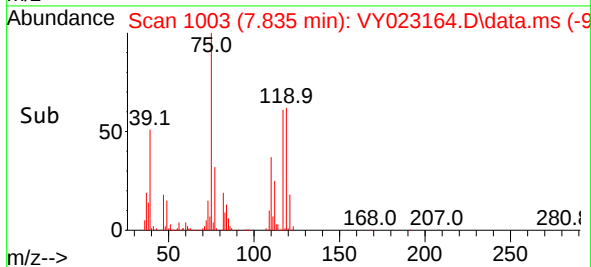
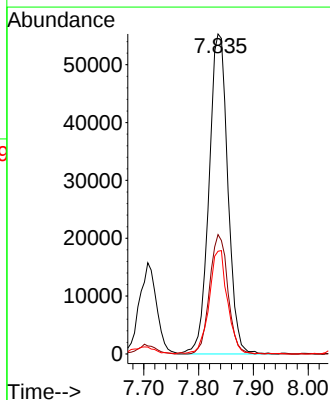
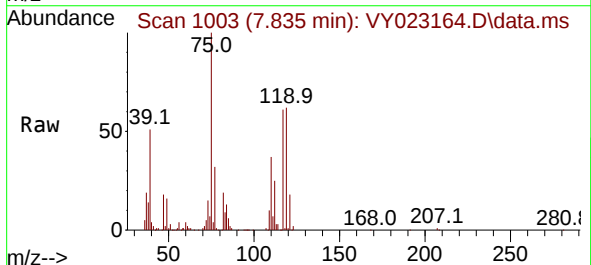
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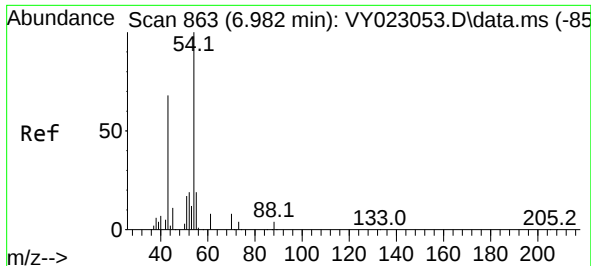
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#36
1,1-Dichloropropene
Concen: 20.252 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Tgt Ion: 75 Resp: 131556
Ion Ratio Lower Upper
75 100
110 36.3 18.1 54.4
77 31.7 24.6 37.0





#37

Ethyl Acetate

Concen: 18.572 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023164.D

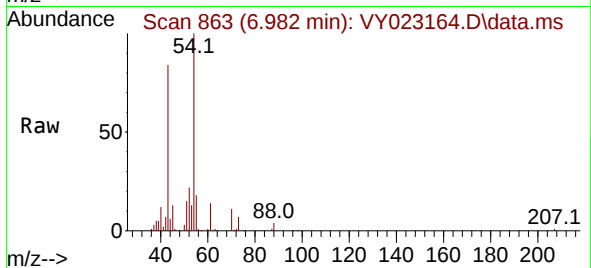
Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01



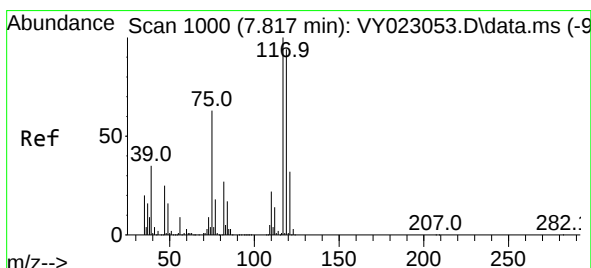
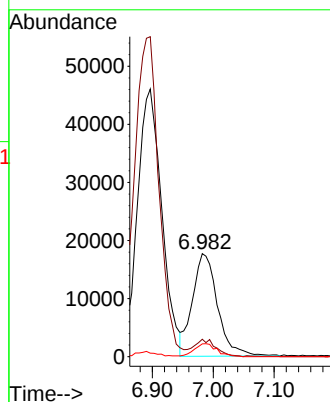
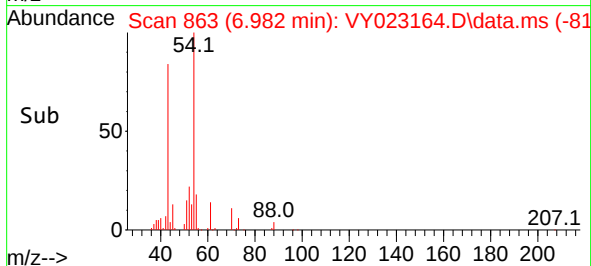
Tgt Ion: 43 Resp: 50678

Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.9	17.9
70	11.4	8.8	13.2

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Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#38

Carbon Tetrachloride

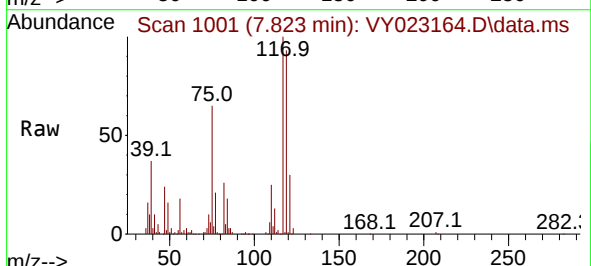
Concen: 20.707 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

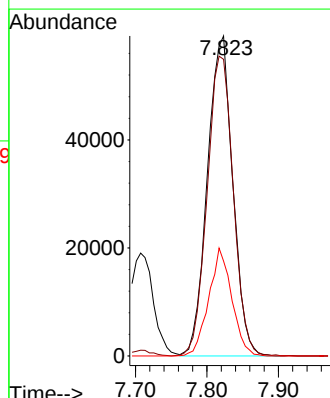
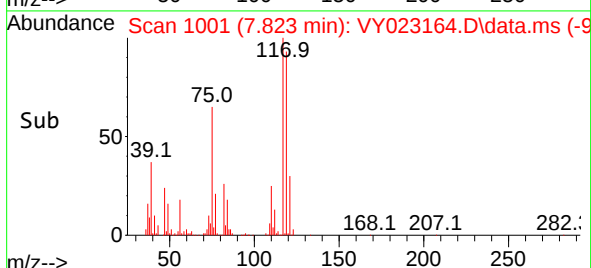
Lab File: VY023164.D

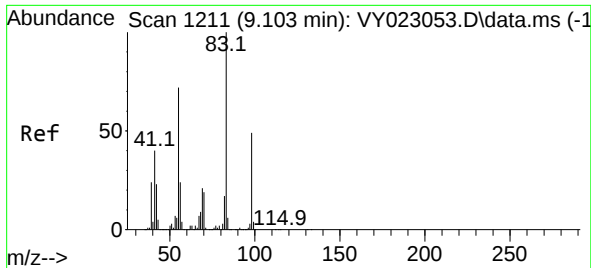
Acq: 20 Aug 2025 10:24



Tgt Ion:117 Resp: 146099

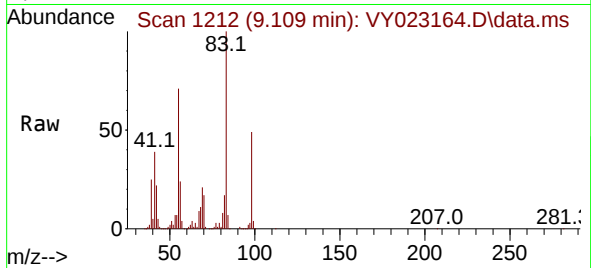
Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.6	113.4
121	29.6	25.8	38.8





#39
Methylcyclohexane
Concen: 18.926 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

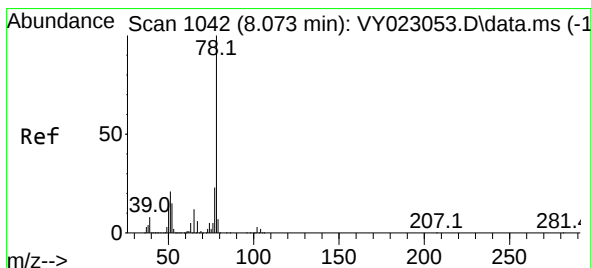
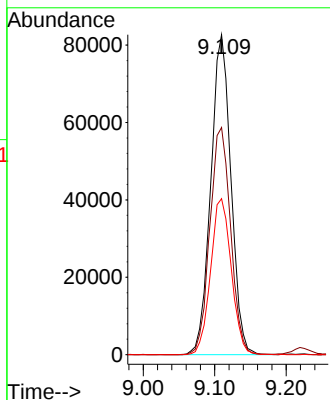
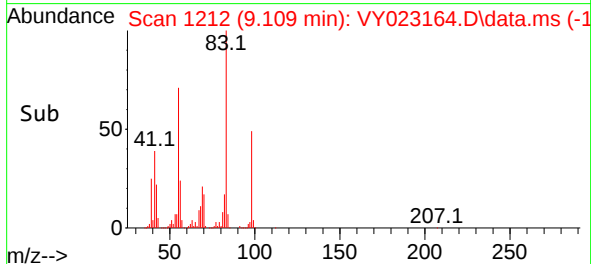
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



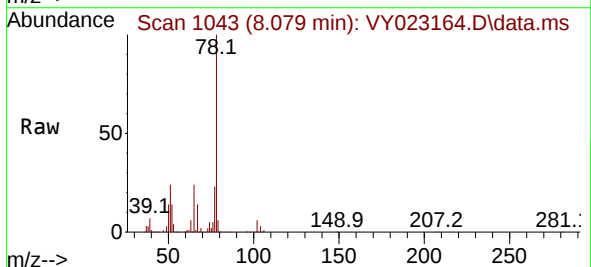
Tgt Ion: 83 Resp: 16189
Ion Ratio Lower Upper
83 100
55 71.0 57.6 86.4
98 48.8 39.2 58.8

Manual Integrations
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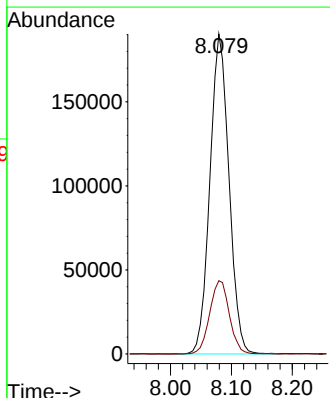
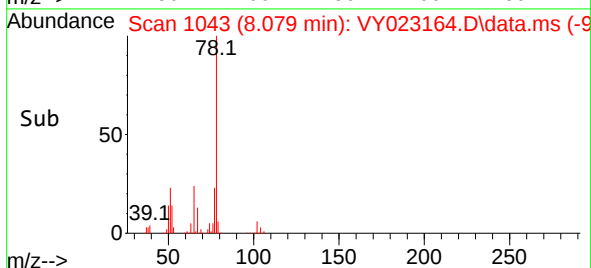
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#40
Benzene
Concen: 20.662 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24



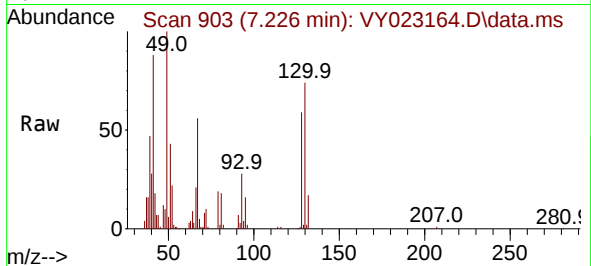
Tgt Ion: 78 Resp: 413672
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0





#41
Methacrylonitrile
Concen: 17.963 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

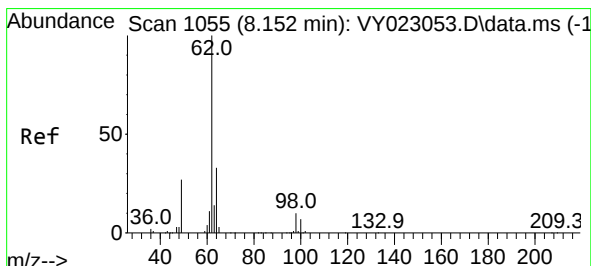
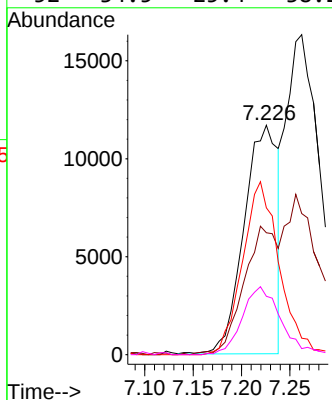
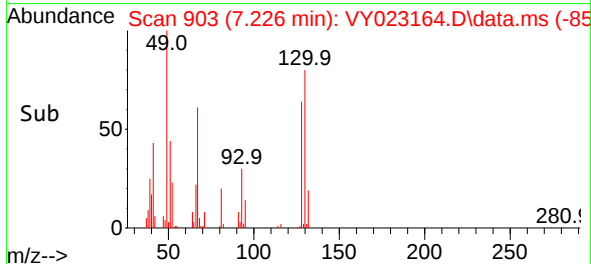
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion: 41 Resp: 2828
Ion Ratio Lower Upper
41 100
39 55.8 43.4 65.2
67 83.7 63.6 95.4
52 34.5 25.4 38.2

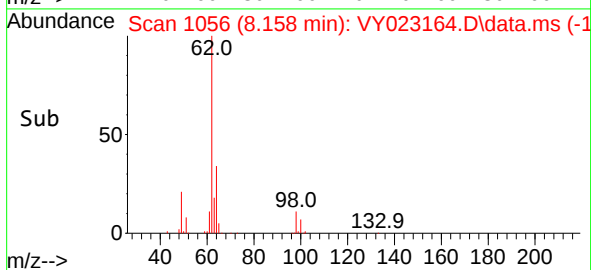
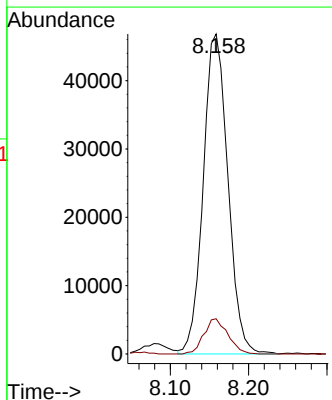
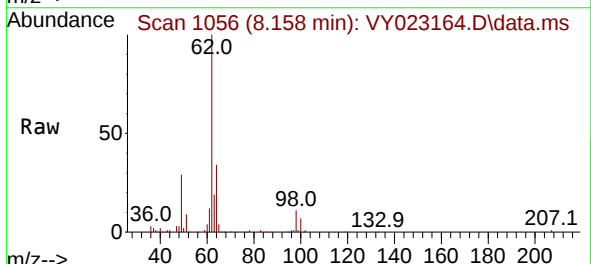
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#42
1,2-Dichloroethane
Concen: 19.682 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

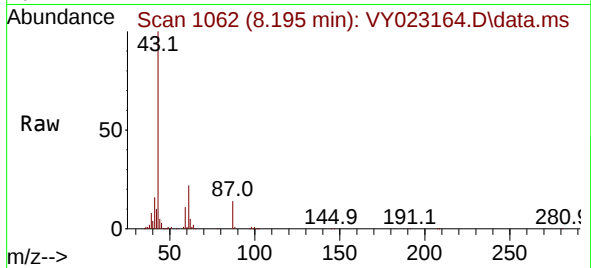
Tgt Ion: 62 Resp: 102487
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.6





#43
Isopropyl Acetate
Concen: 17.327 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

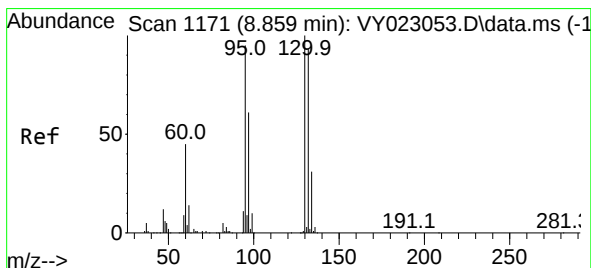
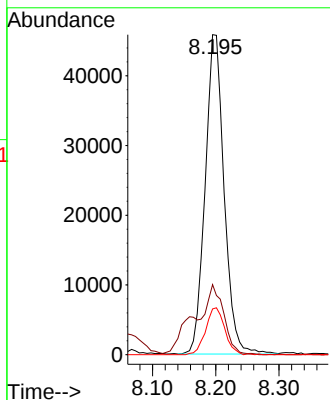
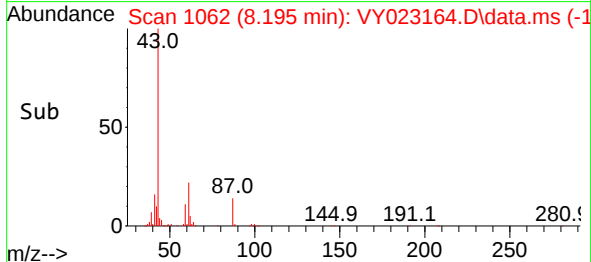
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



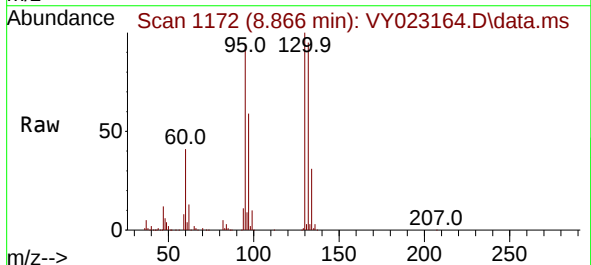
Tgt Ion: 43 Resp: 95562
Ion Ratio Lower Upper
43 100
61 22.2 16.4 24.6
87 14.8 11.8 17.6

Manual Integrations
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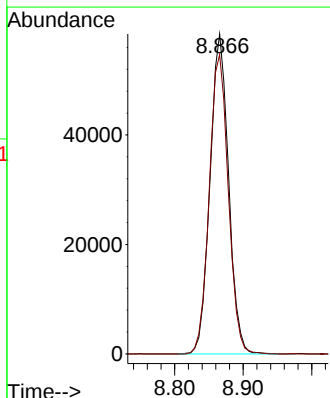
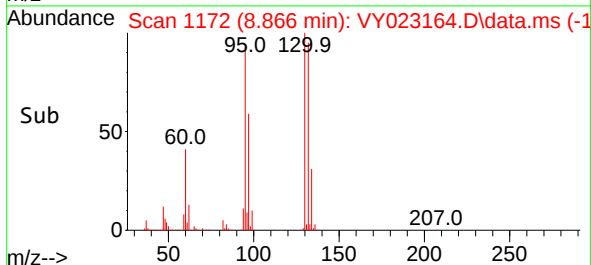
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#44
Trichloroethene
Concen: 21.260 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24



Tgt Ion:130 Resp: 109999
Ion Ratio Lower Upper
130 100
95 93.6 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.332 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023164.D

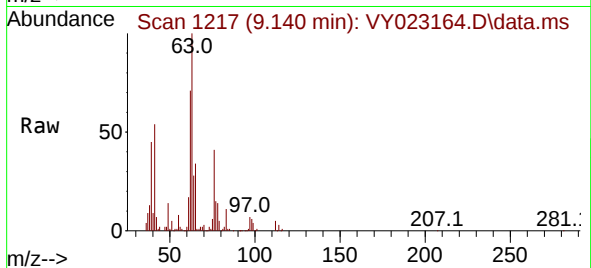
Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01



Tgt Ion: 63 Resp: 93662

Ion Ratio Lower Upper

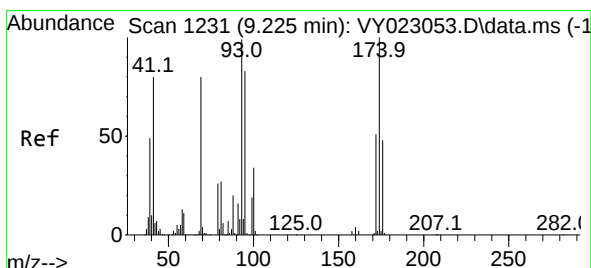
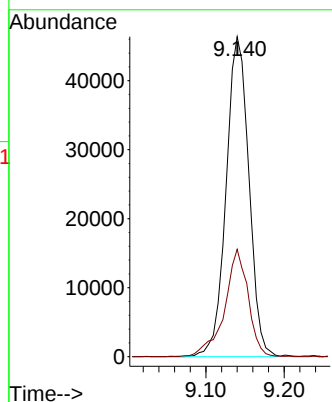
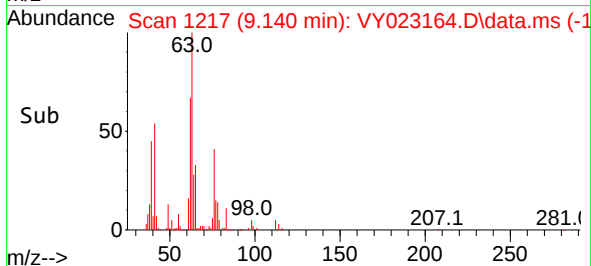
63 100

65 33.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#46

Dibromomethane

Concen: 20.240 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

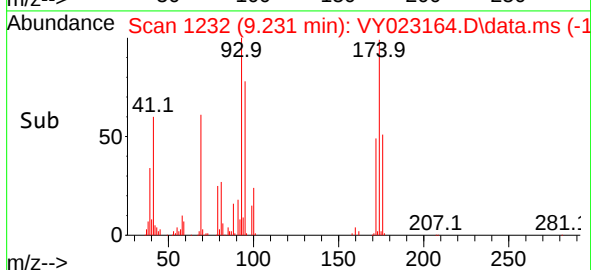
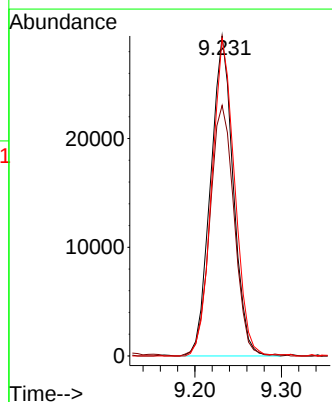
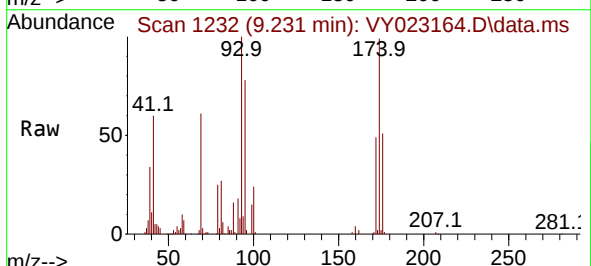
Tgt Ion: 93 Resp: 53516

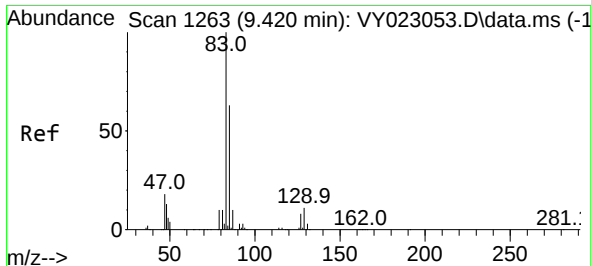
Ion Ratio Lower Upper

93 100

95 83.5 66.5 99.7

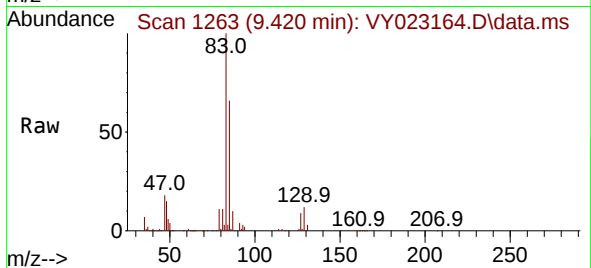
174 100.3 81.8 122.8





#47
Bromodichloromethane
Concen: 20.448 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

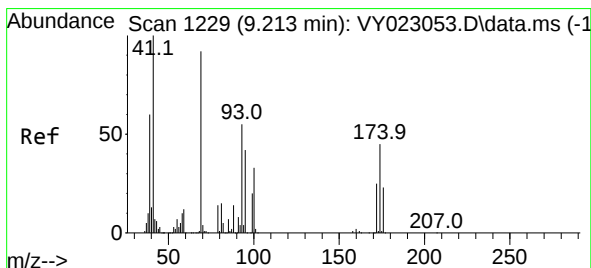
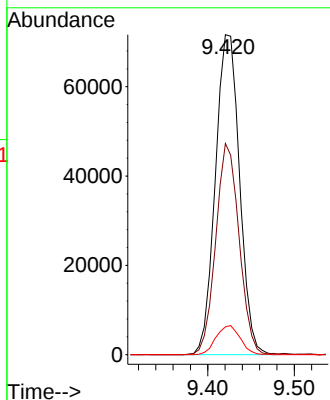
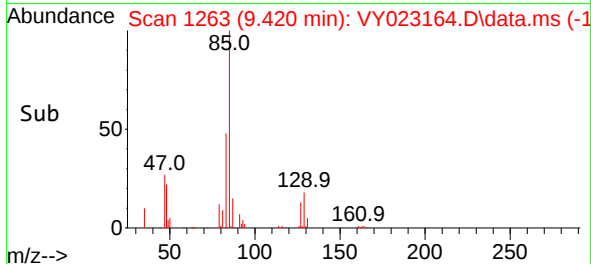
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion: 83 Resp: 139120
Ion Ratio Lower Upper
83 100
85 66.0 50.2 75.4
127 8.7 6.6 10.0

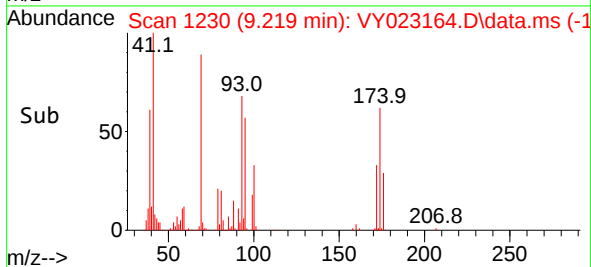
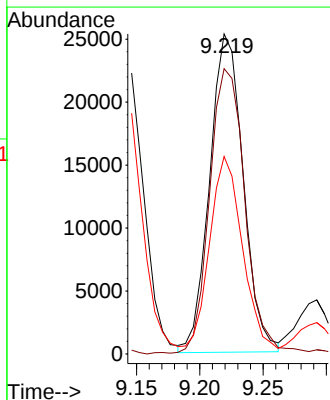
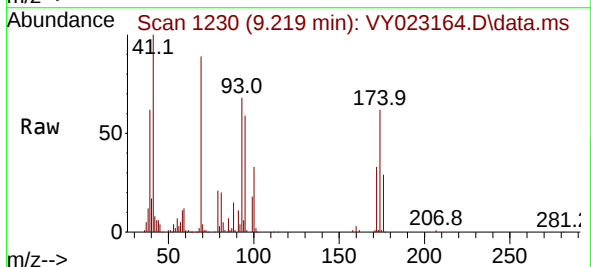
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#48
Methyl methacrylate
Concen: 17.692 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Tgt Ion: 41 Resp: 46693
Ion Ratio Lower Upper
41 100
69 94.8 73.2 109.8
39 58.1 47.0 70.4





#49

1,4-Dioxane

Concen: 367.192 ug/l

RT: 9.225 min Scan# 11384

Delta R.T. 0.000 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

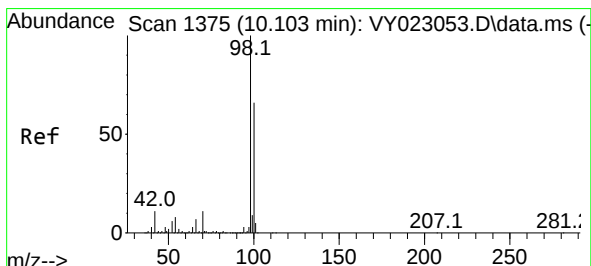
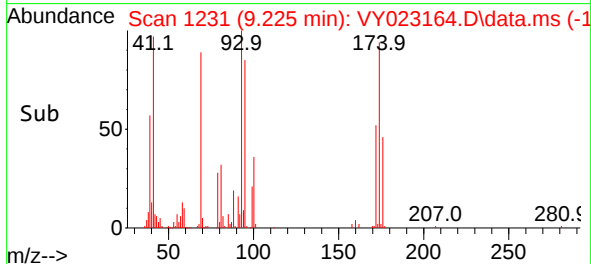
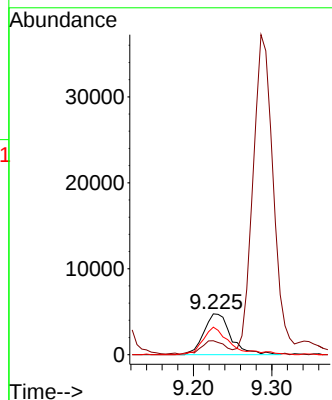
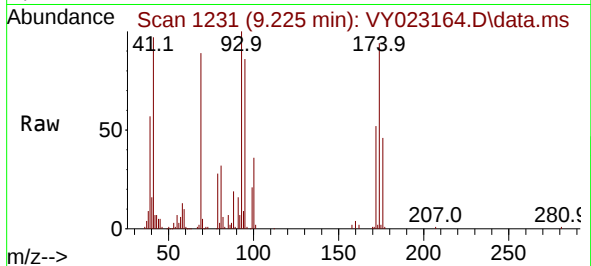
VY0820SBS01

Tgt Ion:	88	Resp:	11384
Ion Ratio	Lower	Upper	
88	100		
43	28.7	24.3	36.5
58	68.0	55.4	83.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#50

Toluene-d8

Concen: 49.685 ug/l

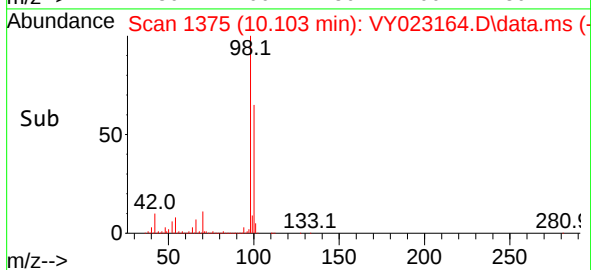
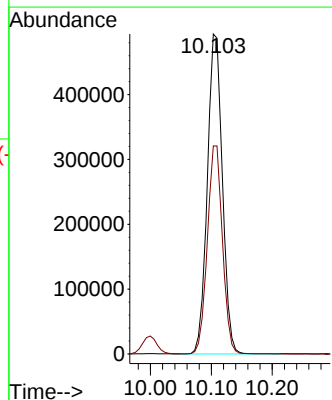
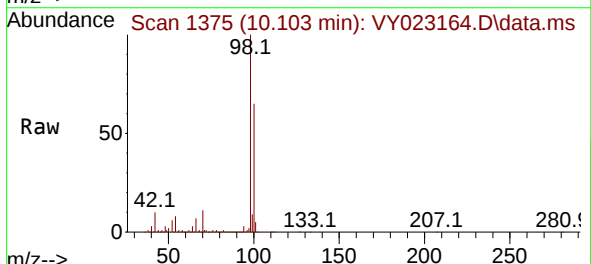
RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Tgt Ion:	98	Resp:	848402
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.3	78.5





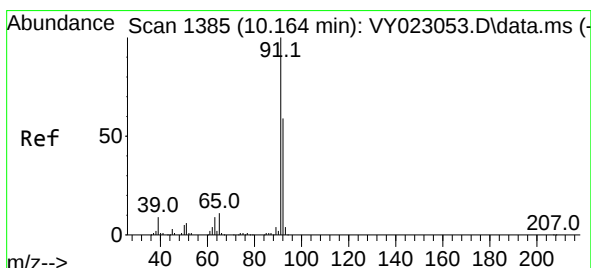
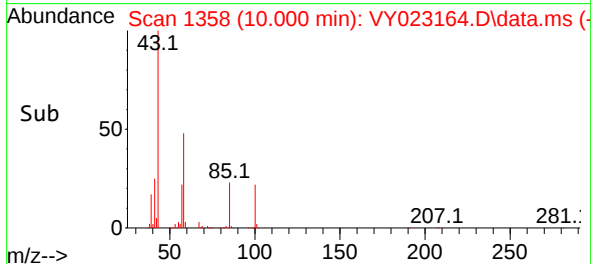
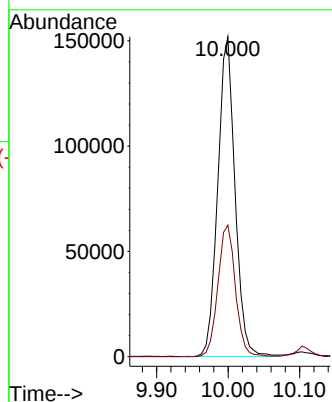
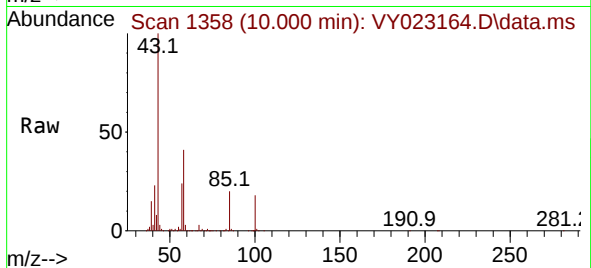
#51
4-Methyl-2-Pentanone
Concen: 89.392 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01

Tgt Ion: 43 Resp: 25431
Ion Ratio Lower Upper
43 100
58 41.8 33.5 50.3

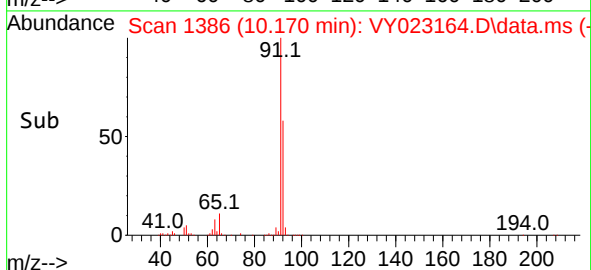
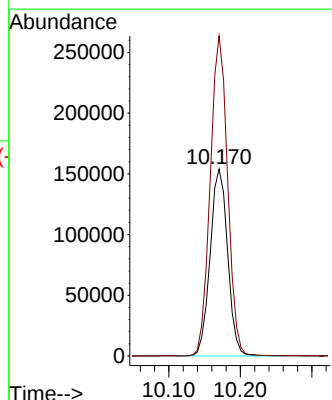
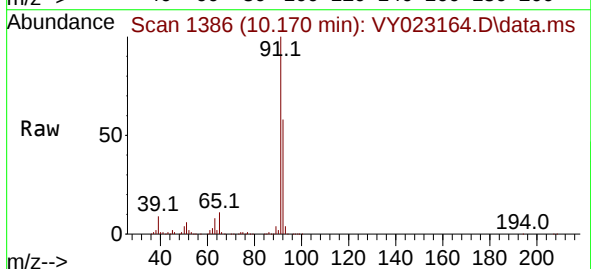
Manual Integrations
APPROVED

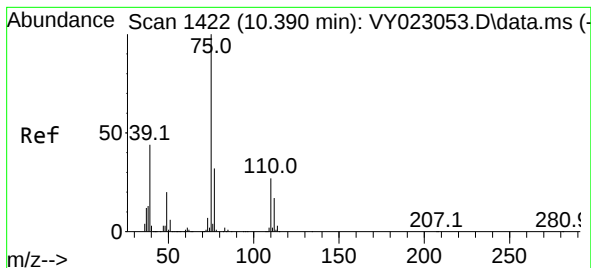
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#52
Toluene
Concen: 20.509 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

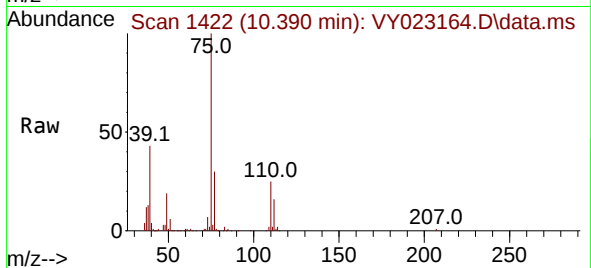
Tgt Ion: 92 Resp: 260797
Ion Ratio Lower Upper
92 100
91 171.0 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 19.360 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

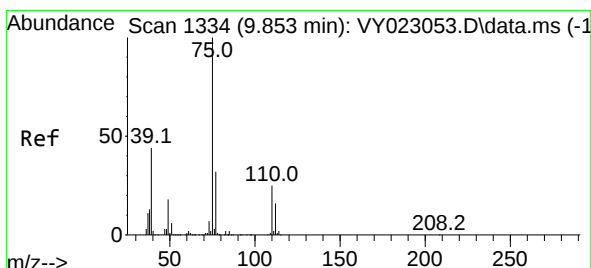
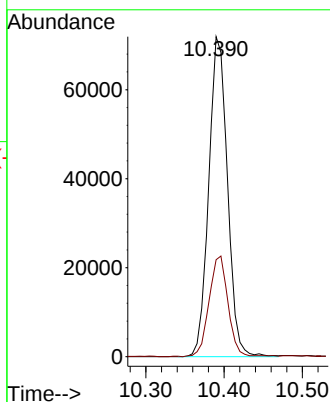
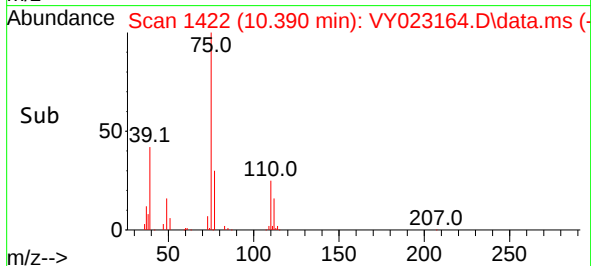
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion: 75 Resp: 11927
Ion Ratio Lower Upper
75 100
77 30.2 25.7 38.5

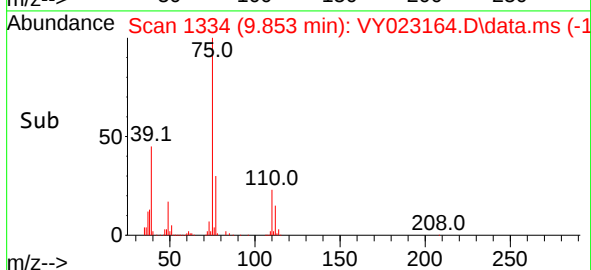
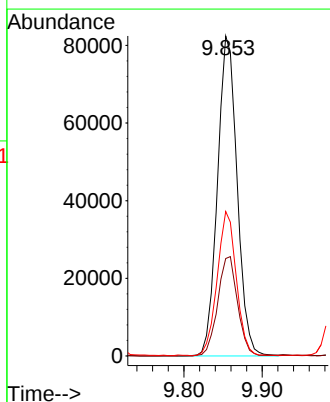
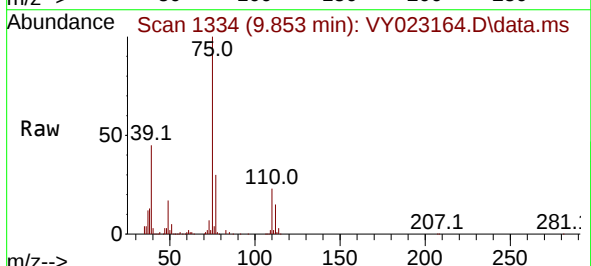
Manual Integrations
APPROVED

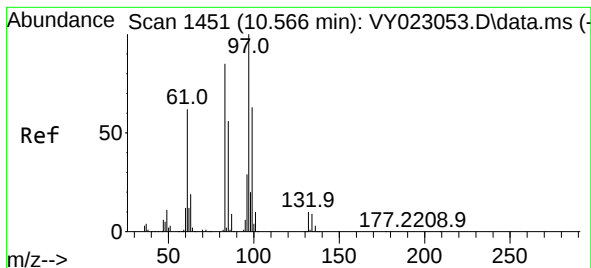
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#54
cis-1,3-Dichloropropene
Concen: 19.737 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Tgt Ion: 75 Resp: 143792
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0
39 45.0 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 20.536 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01

Tgt Ion: 97 Resp: 72658

Ion Ratio Lower Upper

97 100

83 84.4 67.7 101.5

85 55.0 44.5 66.7

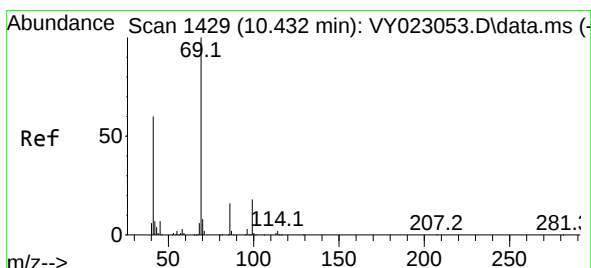
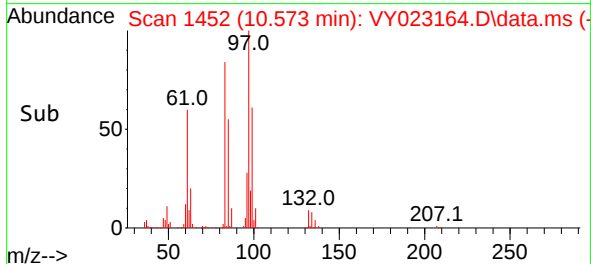
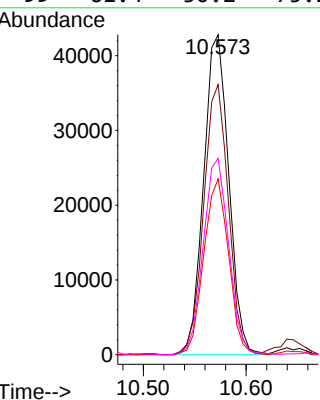
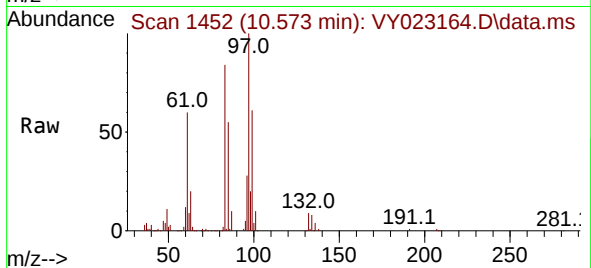
99 61.4 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#56

Ethyl methacrylate

Concen: 17.322 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

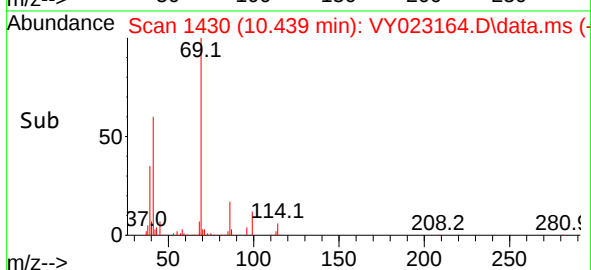
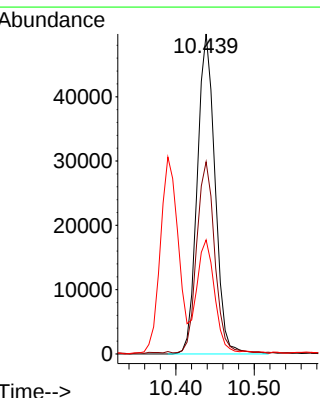
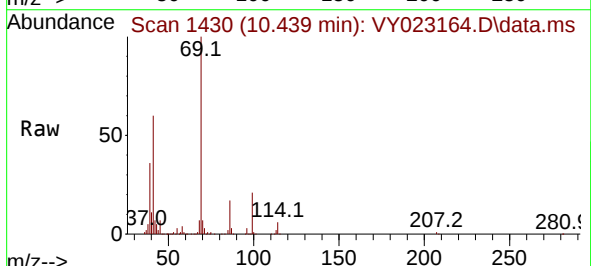
Tgt Ion: 69 Resp: 78424

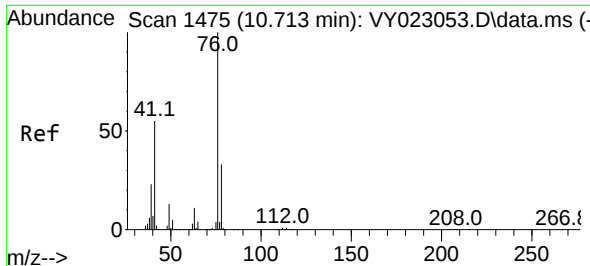
Ion Ratio Lower Upper

69 100

41 60.3 48.6 72.8

39 35.1 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.754 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01

Tgt Ion: 76 Resp: 118529

Ion Ratio Lower Upper

76 100

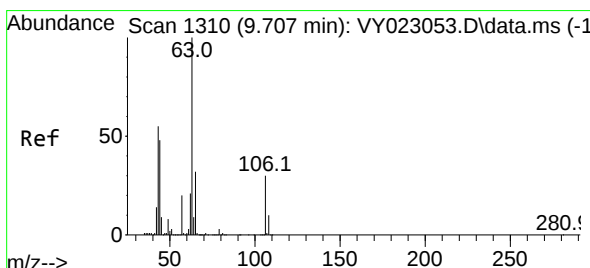
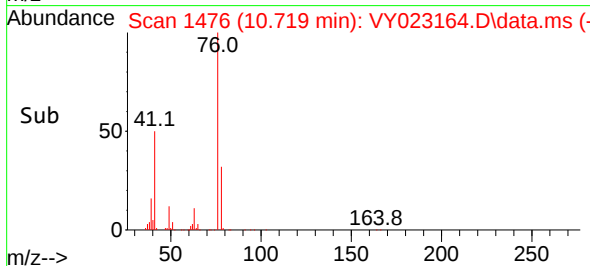
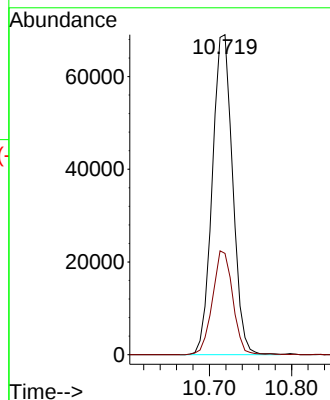
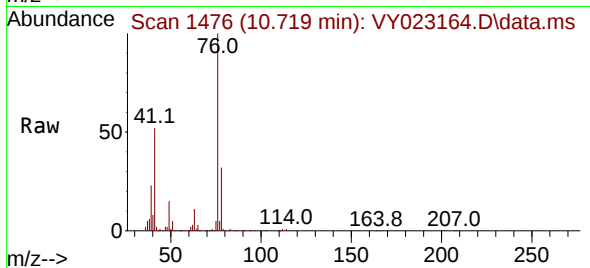
78 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#58

2-Chloroethyl Vinyl ether

Concen: 92.633 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023164.D

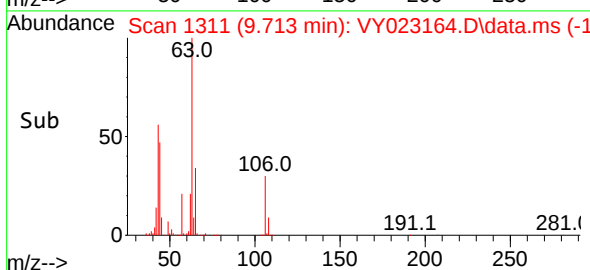
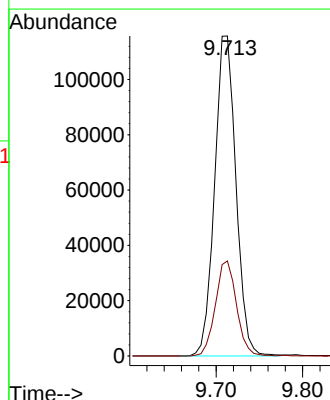
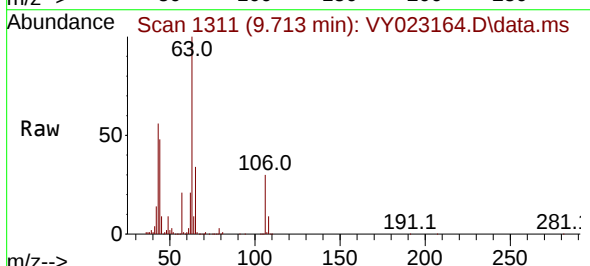
Acq: 20 Aug 2025 10:24

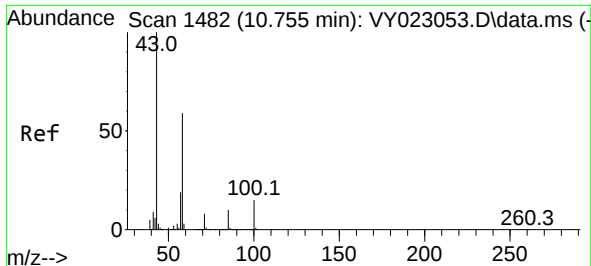
Tgt Ion: 63 Resp: 197822

Ion Ratio Lower Upper

63 100

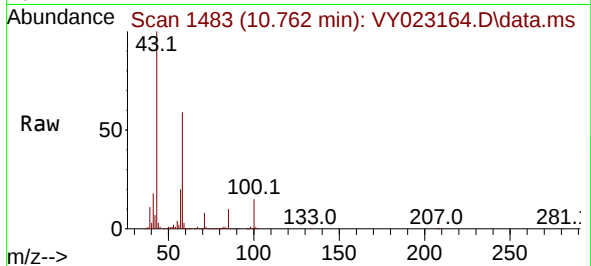
106 29.3 23.2 34.8





#59
2-Hexanone
Concen: 93.868 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

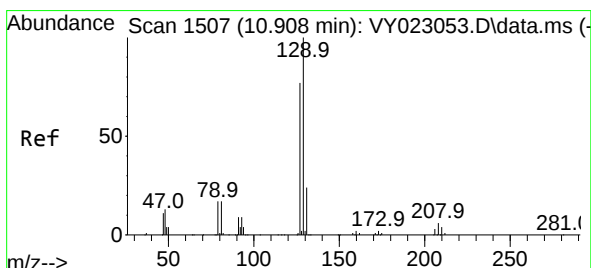
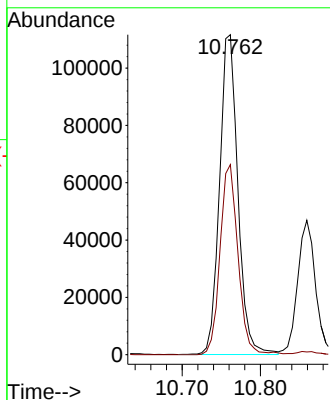
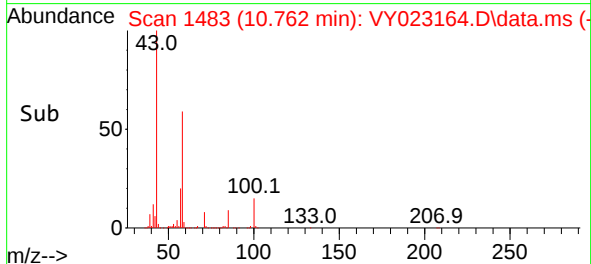
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion: 43 Resp: 18184
Ion Ratio Lower Upper
43 100
58 58.3 29.5 88.5

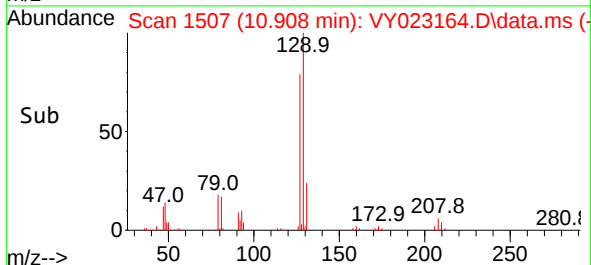
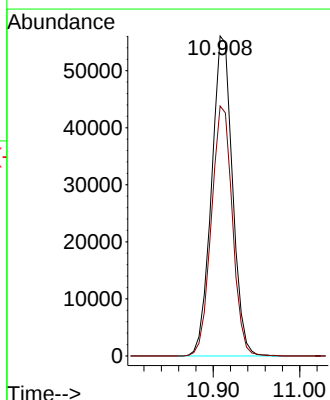
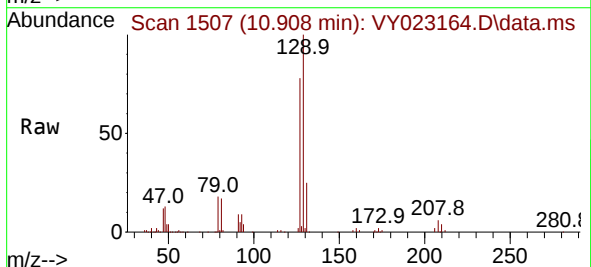
Manual Integrations
APPROVED

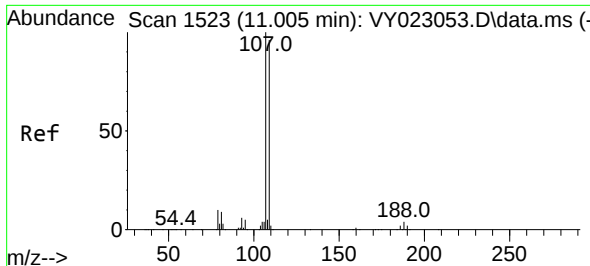
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#60
Dibromochloromethane
Concen: 20.157 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

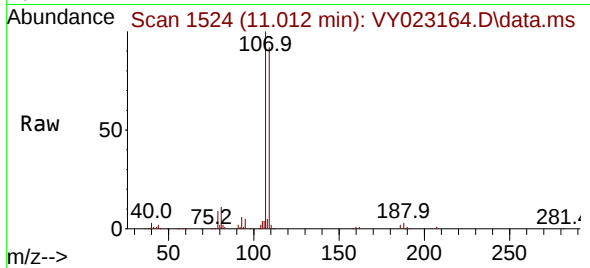
Tgt Ion:129 Resp: 94101
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.011 ug/l
RT: 11.012 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

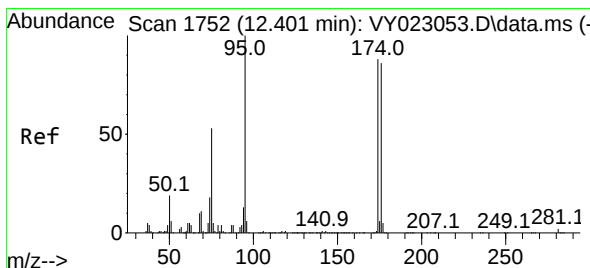
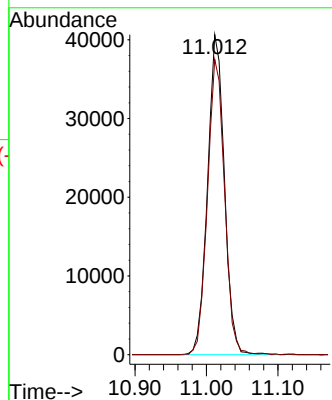
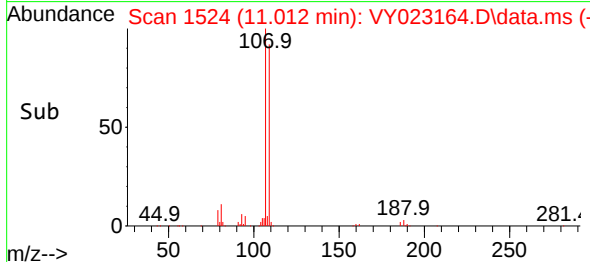
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion:107 Resp: 66540
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

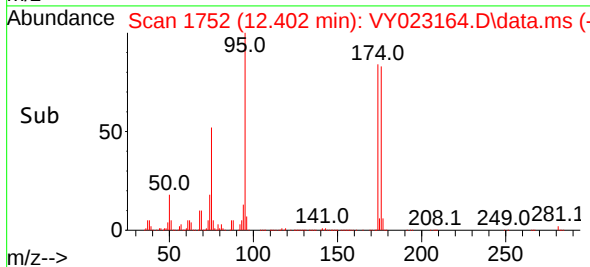
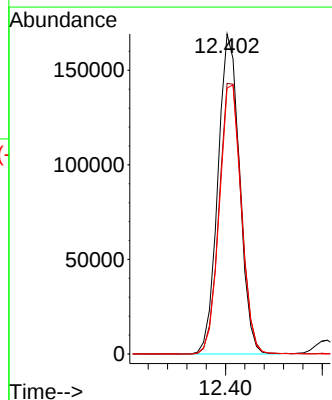
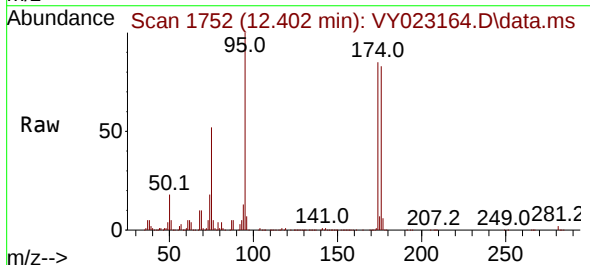
Manual Integrations
APPROVED

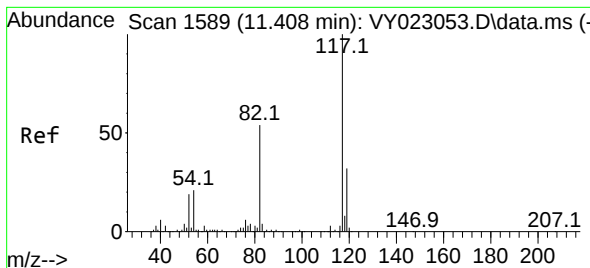
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#62
4-Bromofluorobenzene
Concen: 47.601 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

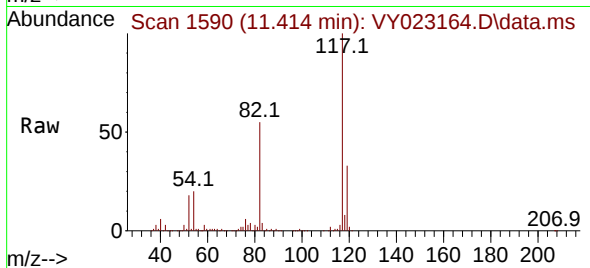
Tgt Ion: 95 Resp: 261400
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 85.4 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

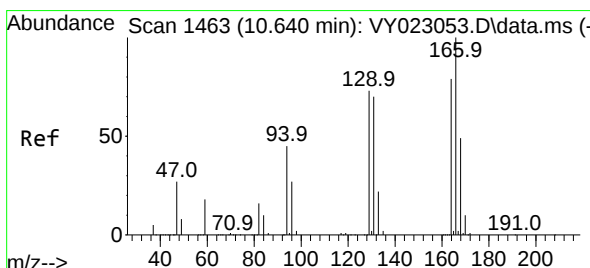
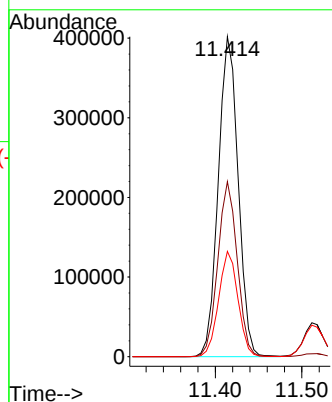
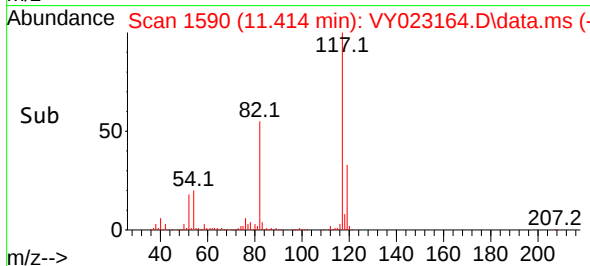
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion:117 Resp: 640300
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.9 25.6 38.4

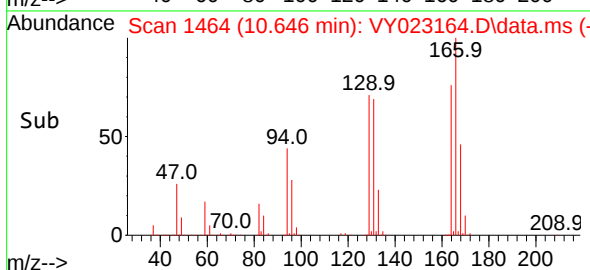
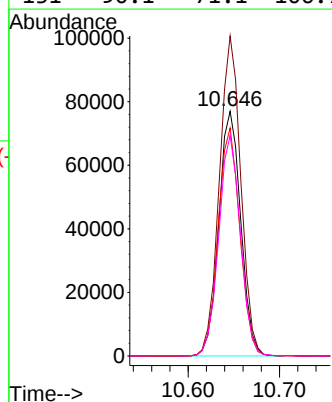
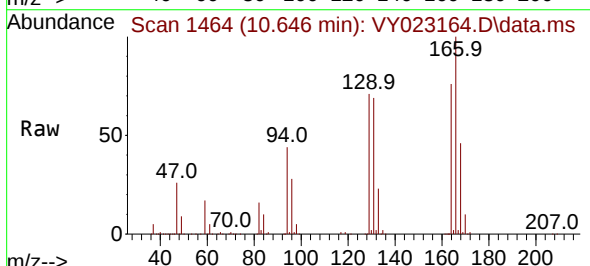
Manual Integrations
APPROVED

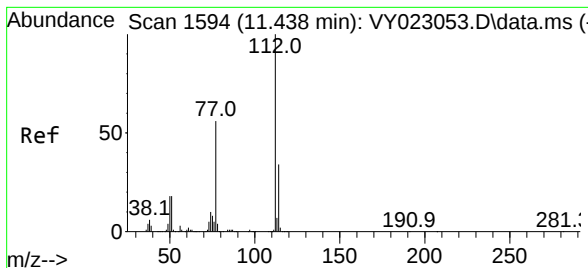
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#64
Tetrachloroethene
Concen: 22.474 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

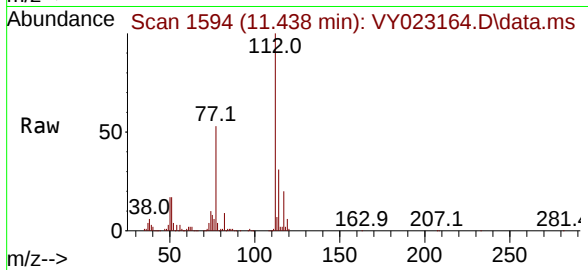
Tgt Ion:164 Resp: 128497
Ion Ratio Lower Upper
164 100
166 130.8 101.1 151.7
129 93.2 74.0 111.0
131 90.1 71.1 106.7





#65
Chlorobenzene
Concen: 20.348 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

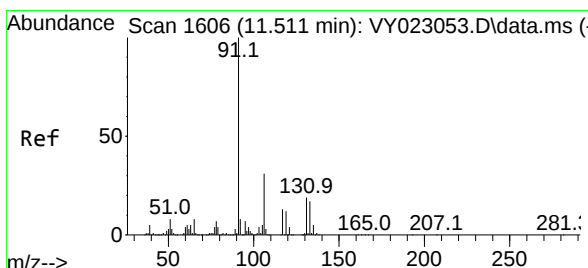
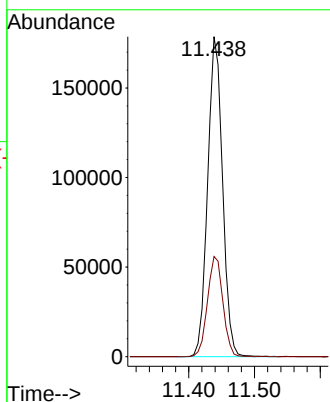
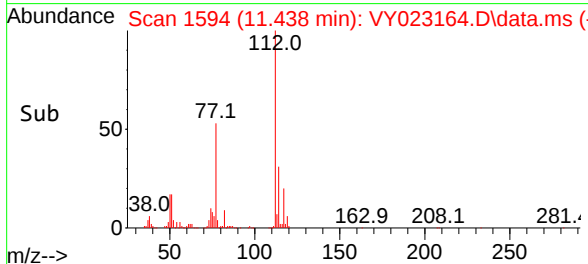
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



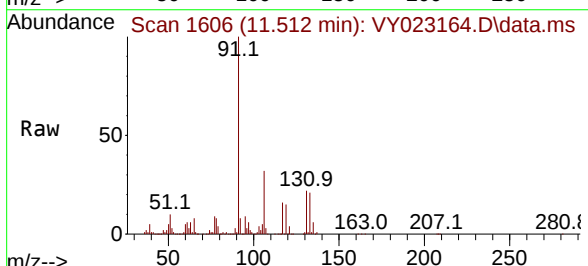
Tgt Ion:112 Resp: 28103
Ion Ratio Lower Upper
112 100
114 31.3 27.0 40.4

Manual Integrations
APPROVED

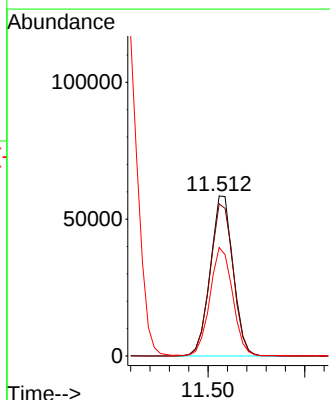
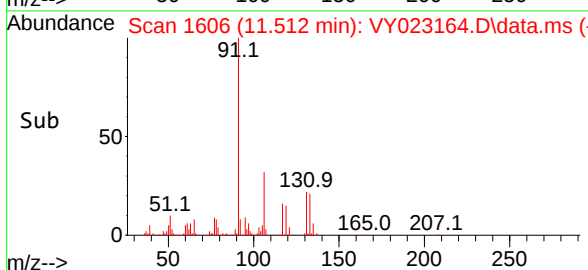
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

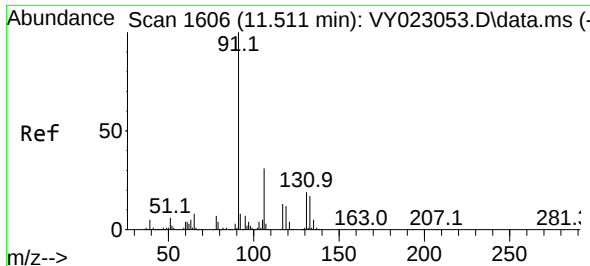


#66
1,1,1,2-Tetrachloroethane
Concen: 20.438 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24



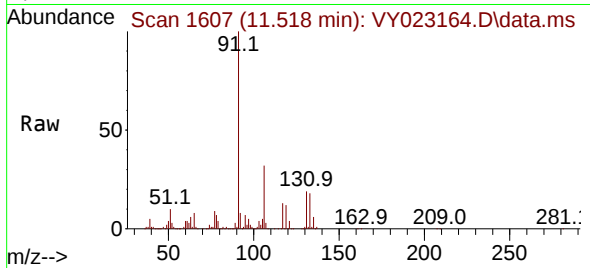
Tgt Ion:131 Resp: 95804
Ion Ratio Lower Upper
131 100
133 96.7 46.9 140.6
119 67.8 33.2 99.6





#67
Ethyl Benzene
Concen: 19.720 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

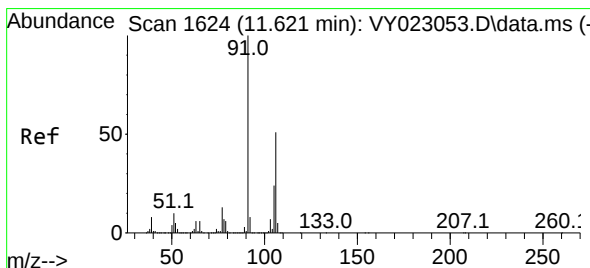
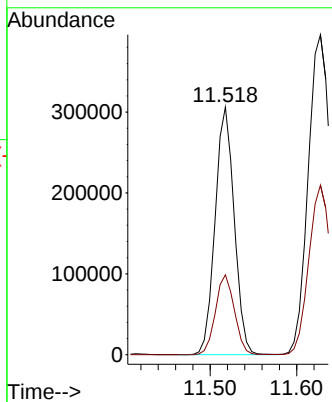
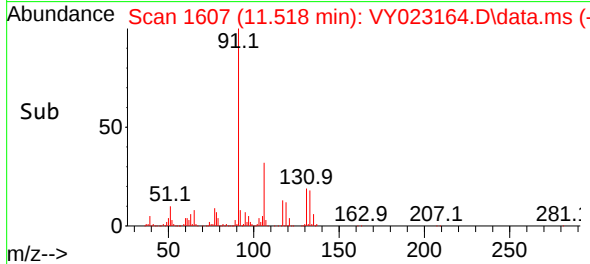
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



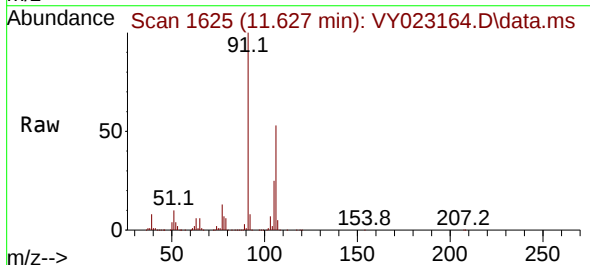
Tgt Ion: 91 Resp: 468709
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.4

Manual Integrations
APPROVED

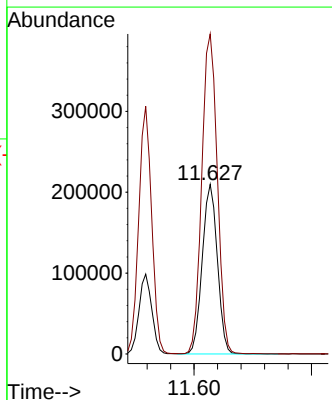
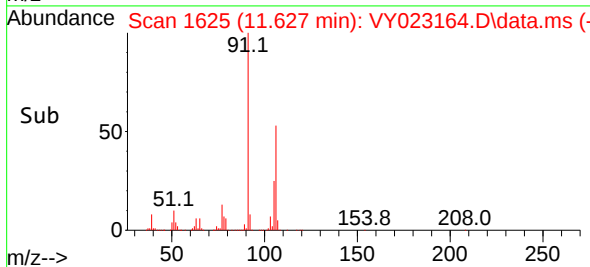
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

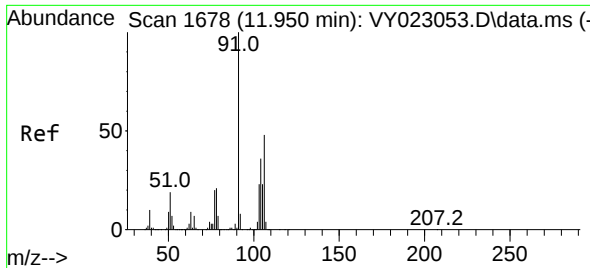


#68
m/p-Xylenes
Concen: 40.317 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24



Tgt Ion:106 Resp: 374257
Ion Ratio Lower Upper
106 100
91 193.4 158.6 238.0





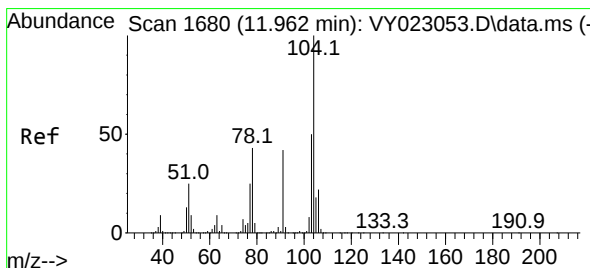
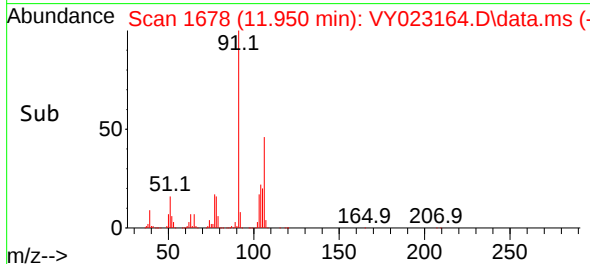
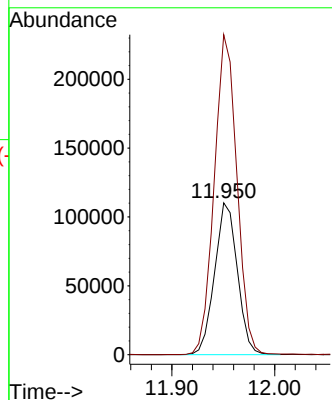
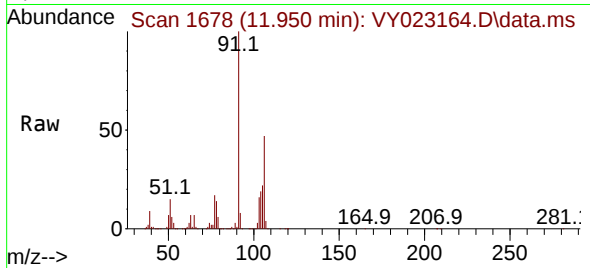
#69
o-Xylene
Concen: 19.476 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01

Tgt Ion:106 Resp: 169335
Ion Ratio Lower Upper
106 100
91 210.8 103.2 309.4

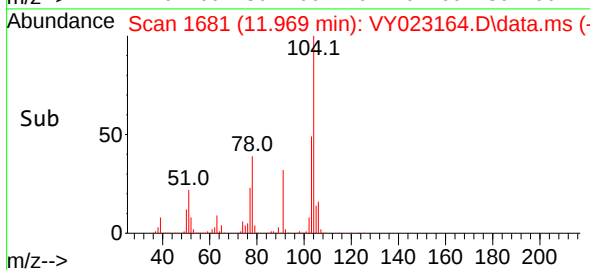
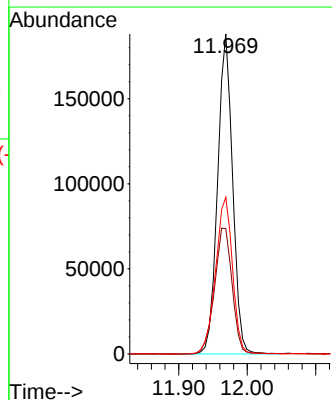
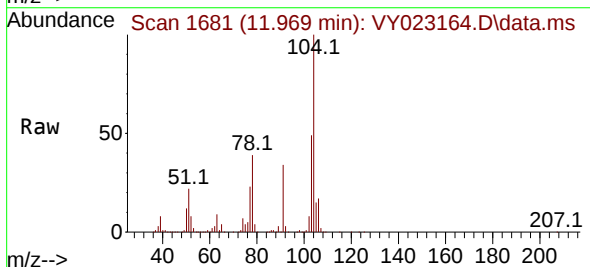
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#70
Styrene
Concen: 20.117 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Tgt Ion:104 Resp: 286037
Ion Ratio Lower Upper
104 100
78 46.3 38.5 57.7
103 55.3 43.7 65.5





#71

Bromoform

Concen: 19.537 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01

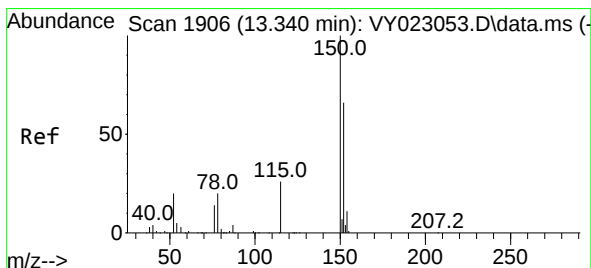
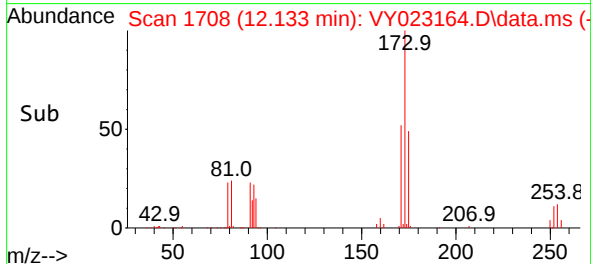
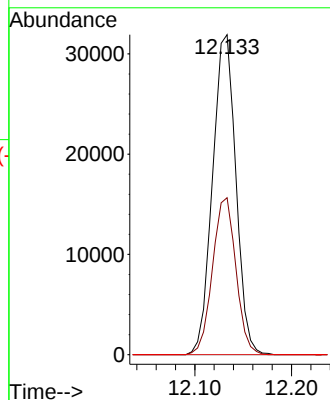
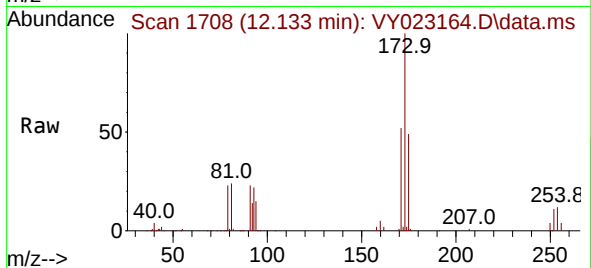
Tgt Ion:173 Resp: 5352

Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.9	71.7
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

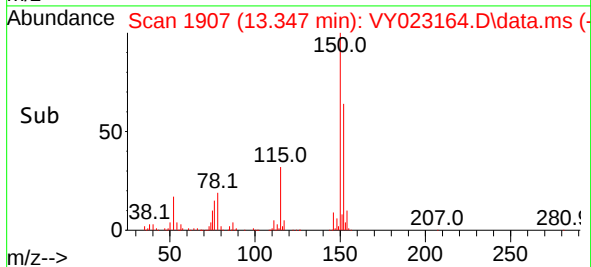
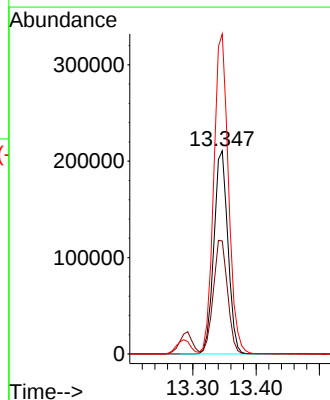
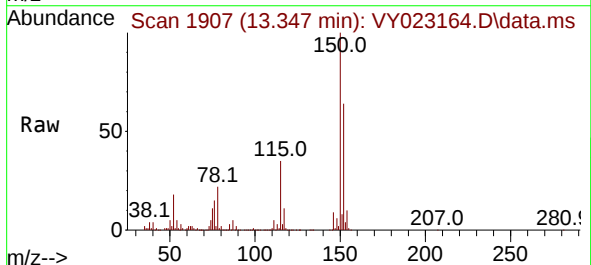
Delta R.T. 0.006 min

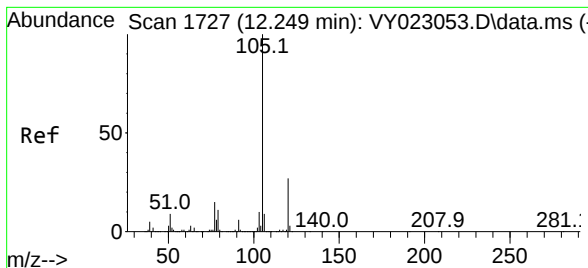
Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Tgt Ion:152 Resp: 323804

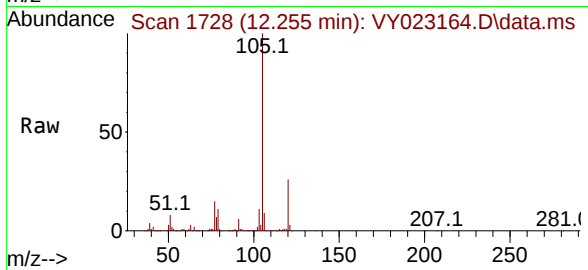
Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.2	84.6
150	165.0	0.0	348.0





#73
Isopropylbenzene
Concen: 19.372 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

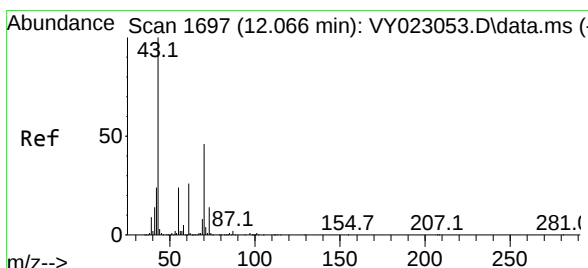
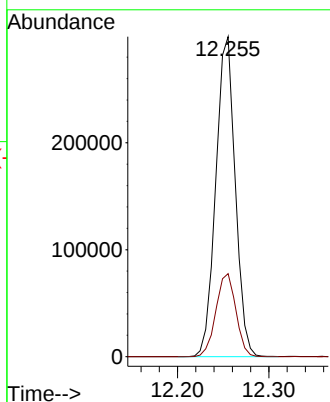
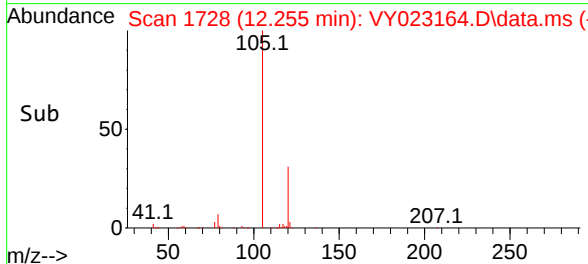
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



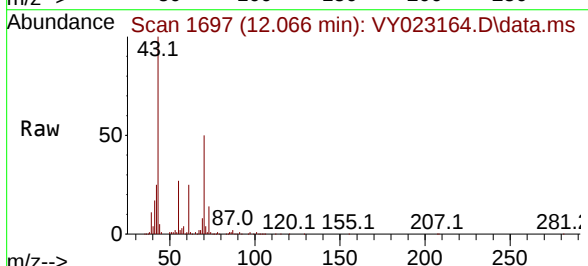
Tgt Ion:105 Resp: 442733
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

Manual Integrations
APPROVED

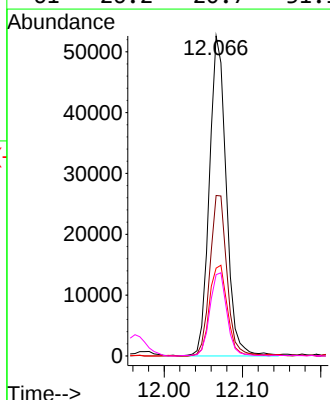
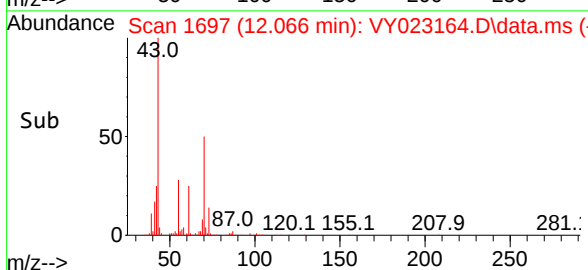
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

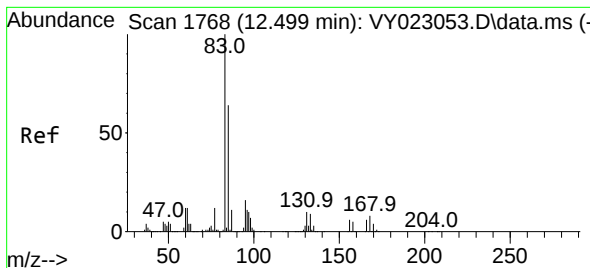


#74
N-ethyl acetate
Concen: 16.246 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24



Tgt Ion: 43 Resp: 78737
Ion Ratio Lower Upper
43 100
70 50.3 37.5 56.3
55 29.9 20.7 31.1
61 26.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.648 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

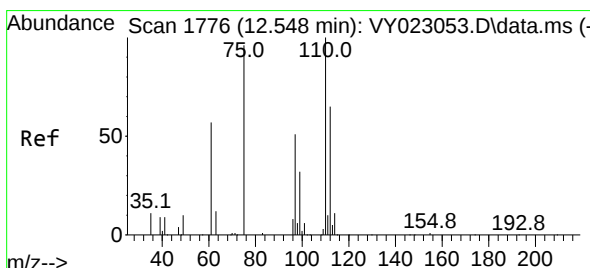
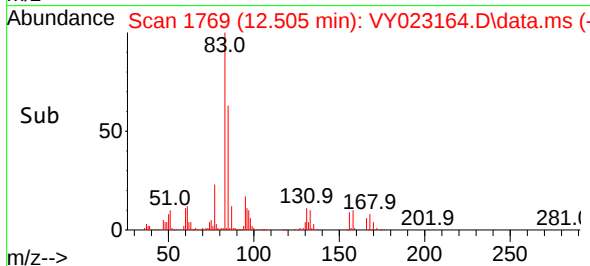
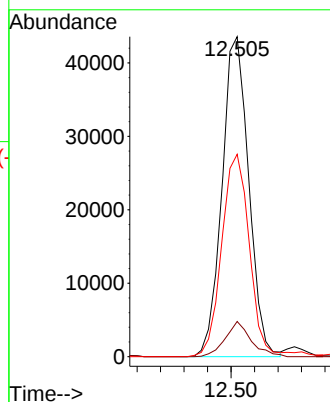
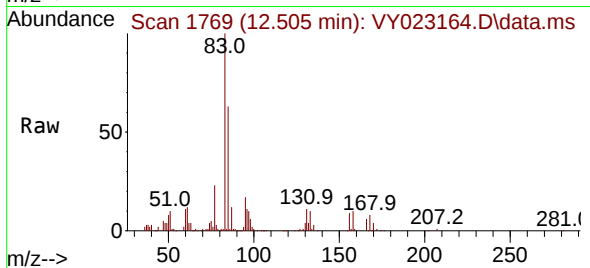
VY0820SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	66.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#76

1,2,3-Trichloropropane

Concen: 20.515 ug/l m

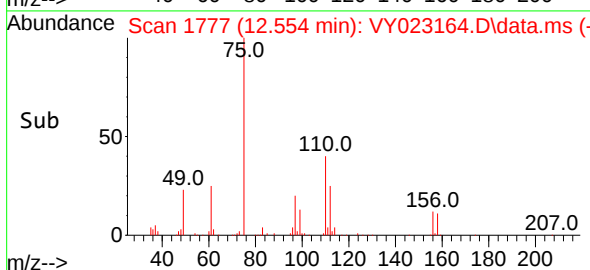
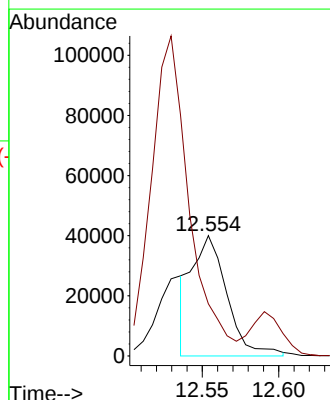
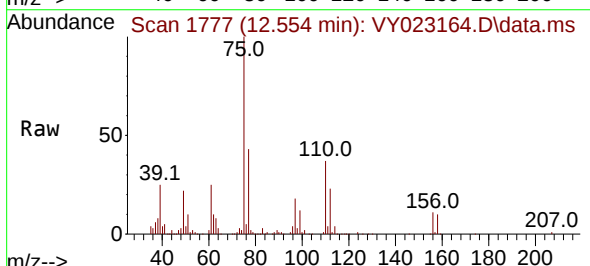
RT: 12.554 min Scan# 1777

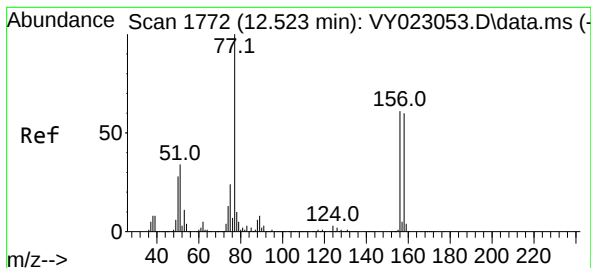
Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.387 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

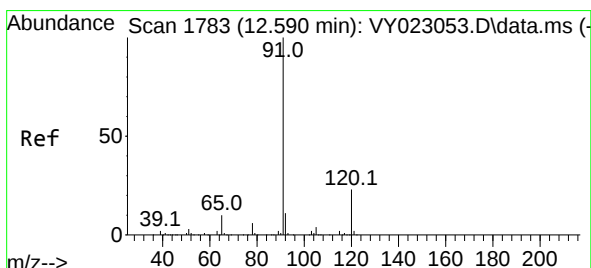
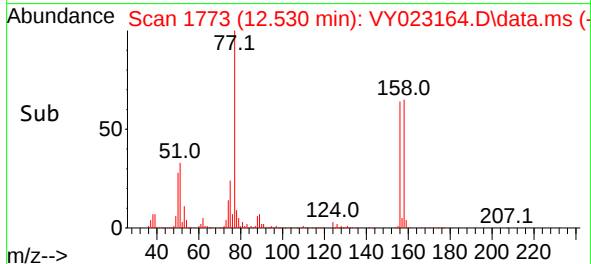
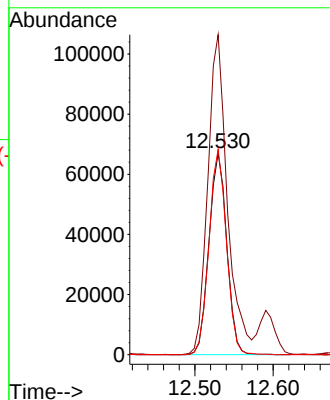
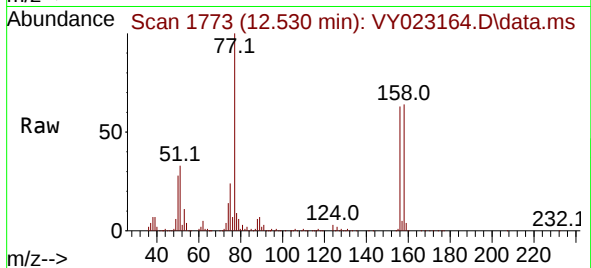
VY0820SBS01

Tgt Ion:156 Resp: 10570
 Ion Ratio Lower Upper
 156 100
 77 174.8 88.1 264.4
 158 99.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
 Supervised By :Semsettin Yesilyurt 08/22/2025



#78

n-propylbenzene

Concen: 19.675 ug/l

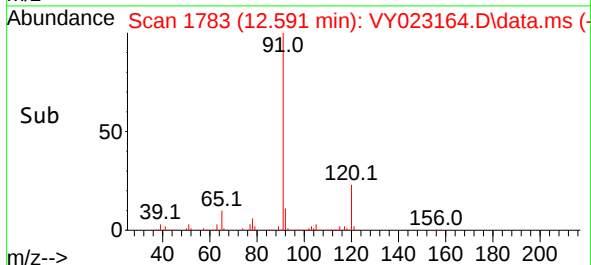
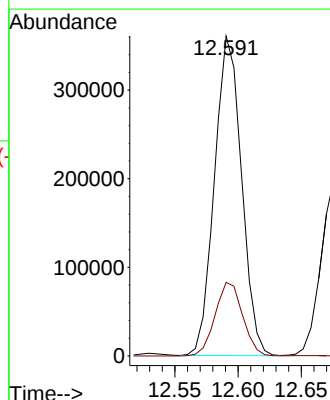
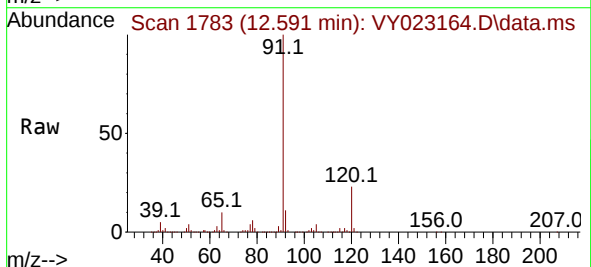
RT: 12.591 min Scan# 1783

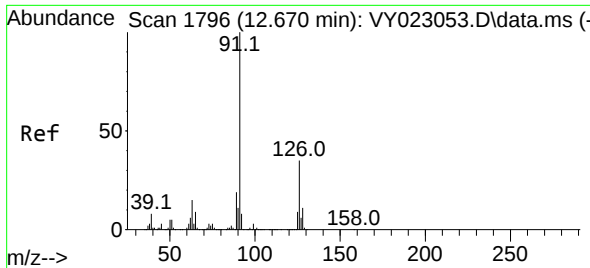
Delta R.T. 0.000 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

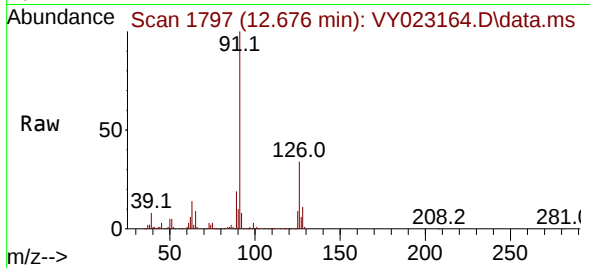
Tgt Ion: 91 Resp: 535326
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.5 34.5





#79
2-Chlorotoluene
Concen: 19.846 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

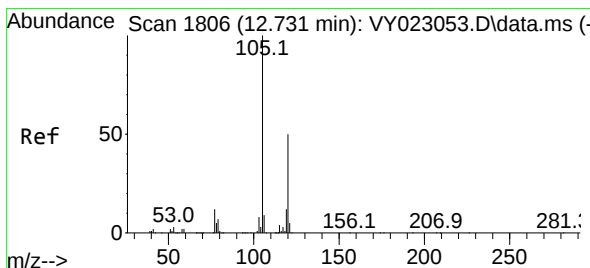
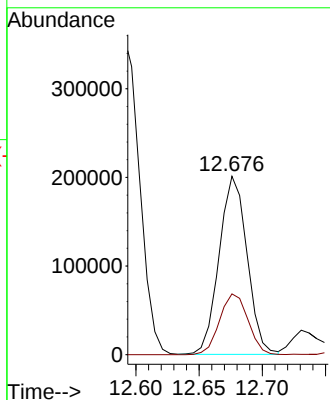
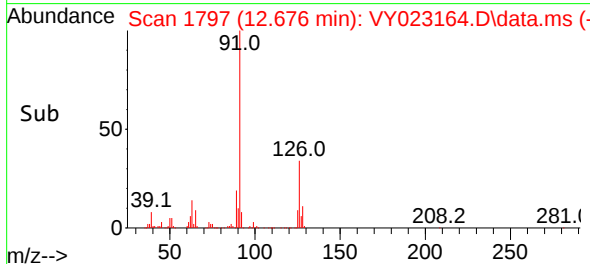
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



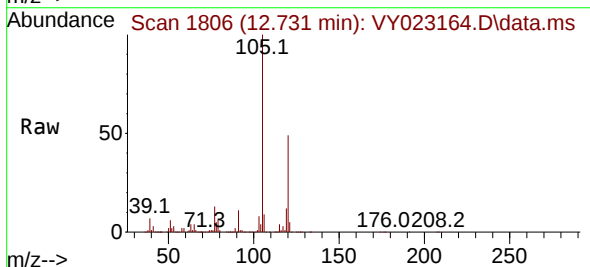
Tgt Ion: 91 Resp: 309392
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3

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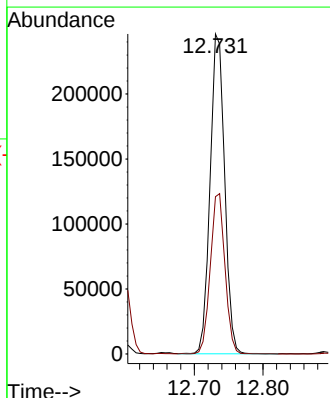
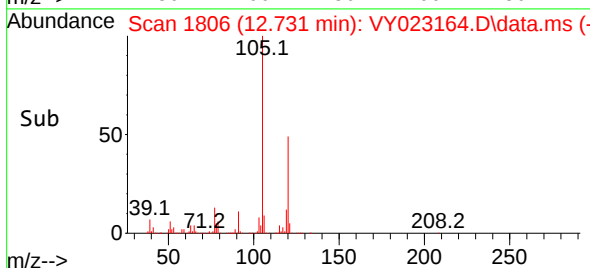
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

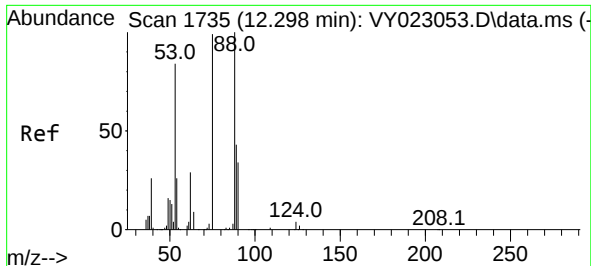


#80
1,3,5-Trimethylbenzene
Concen: 19.690 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24



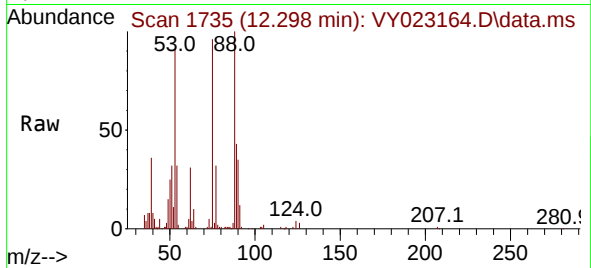
Tgt Ion:105 Resp: 363677
Ion Ratio Lower Upper
105 100
120 50.5 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 17.179 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

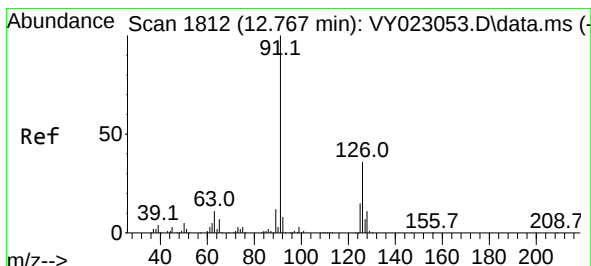
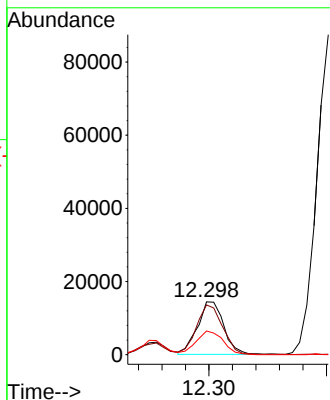
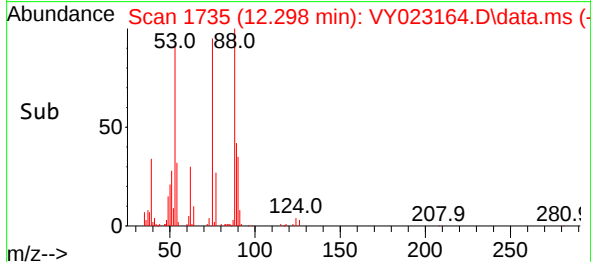
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion: 75 Resp: 22178
Ion Ratio Lower Upper
75 100
53 95.4 70.8 106.2
89 46.4 38.1 57.1

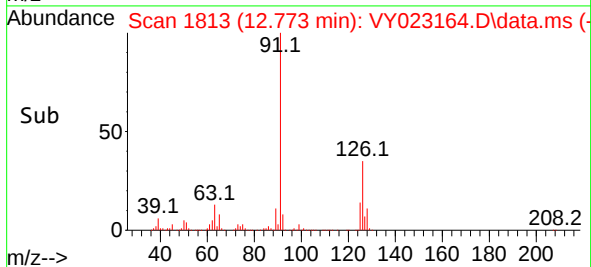
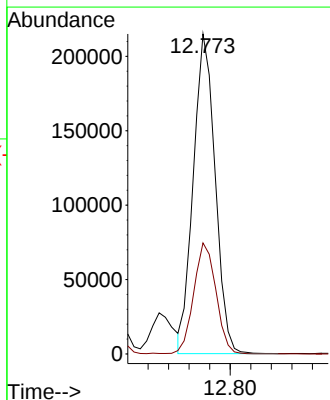
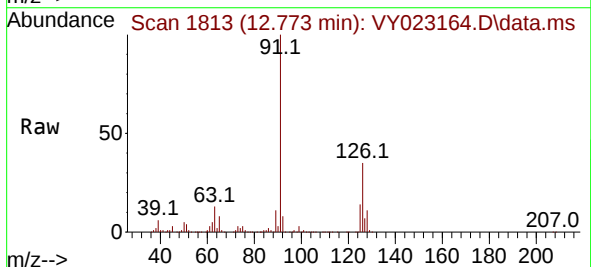
Manual Integrations
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Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#82
4-Chlorotoluene
Concen: 19.613 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Tgt Ion: 91 Resp: 317186
Ion Ratio Lower Upper
91 100
126 35.5 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.539 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

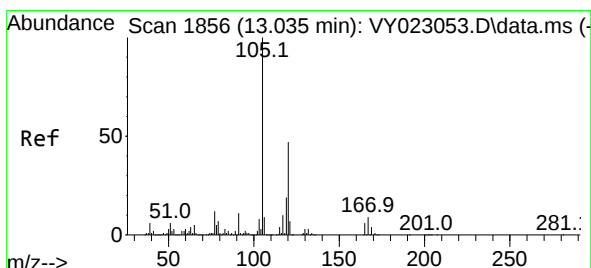
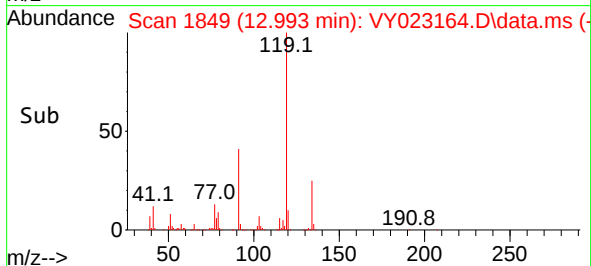
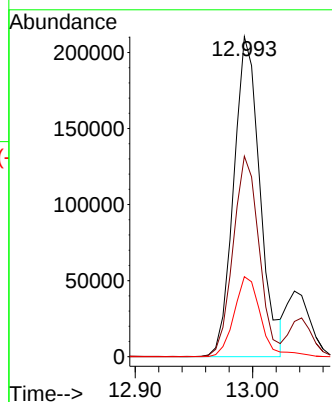
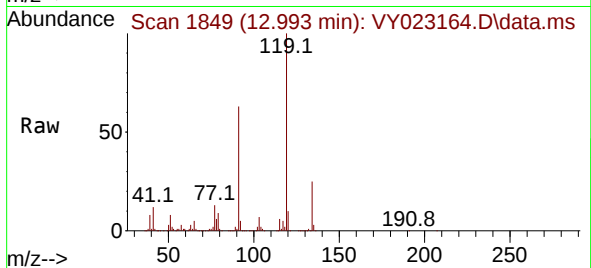
VY0820SBS01

Tgt Ion:119	Resp: 32594
Ion Ratio	Lower Upper
119 100	
91 62.1	31.6 94.8
134 25.4	12.9 38.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.822 ug/l

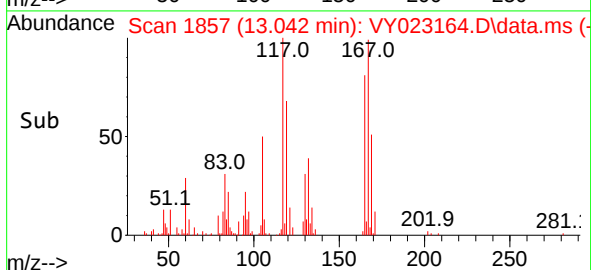
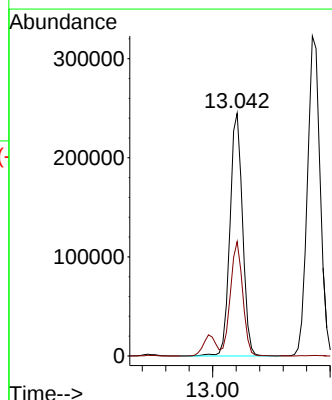
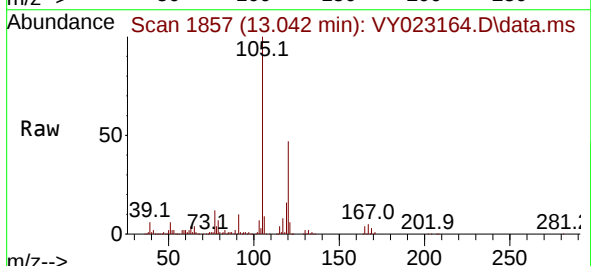
RT: 13.042 min Scan# 1857

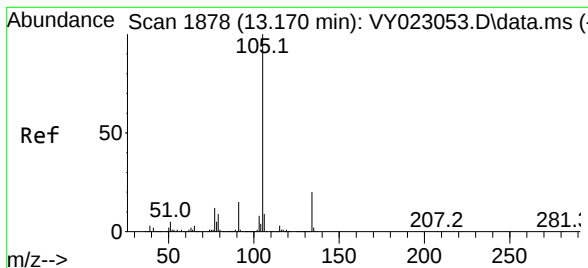
Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

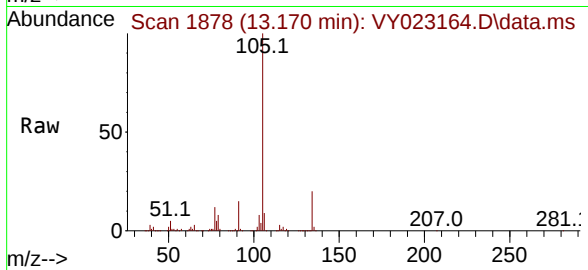
Tgt Ion:105	Resp: 364461
Ion Ratio	Lower Upper
105 100	
120 46.3	23.0 69.0





#85
 sec-Butylbenzene
 Concen: 19.767 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023164.D
 Acq: 20 Aug 2025 10:24

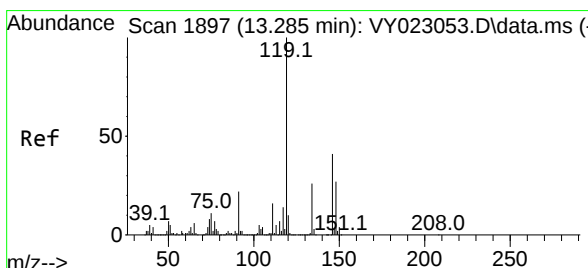
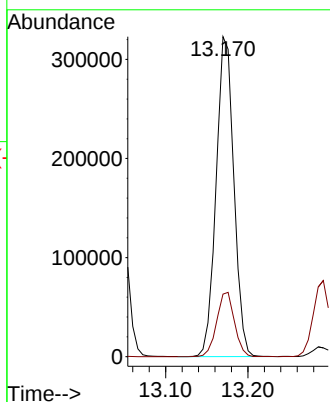
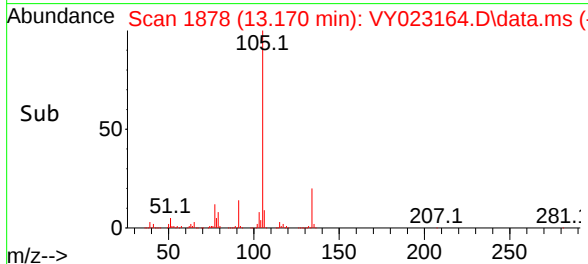
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0820SBS01



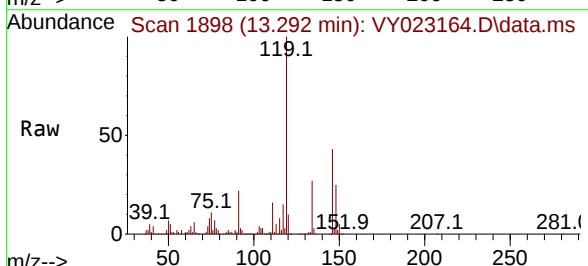
Tgt Ion:105 Resp: 484397
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

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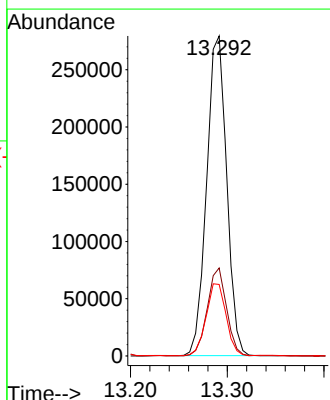
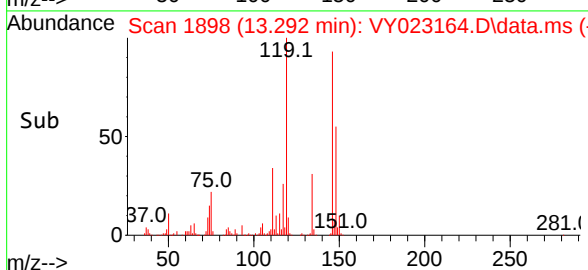
Reviewed By :Mahesh Dadoda 08/22/2025
 Supervised By :Semsettin Yesilyurt 08/22/2025

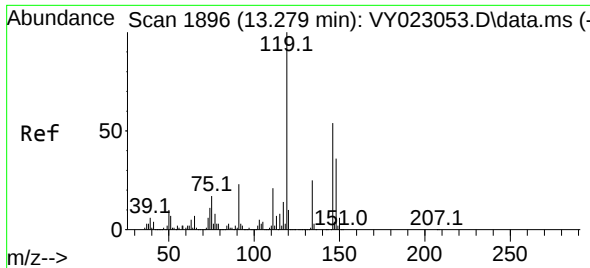


#86
 p-Isopropyltoluene
 Concen: 19.801 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023164.D
 Acq: 20 Aug 2025 10:24



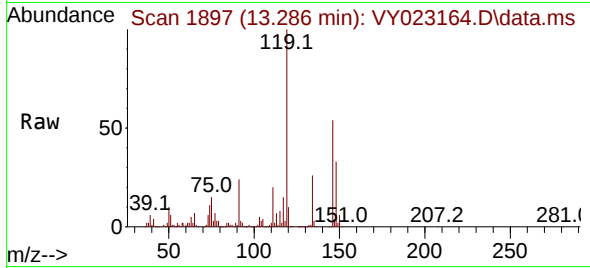
Tgt Ion:119 Resp: 402765
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 22.5 11.3 33.8





#87
1,3-Dichlorobenzene
Concen: 20.357 ug/l
RT: 13.286 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

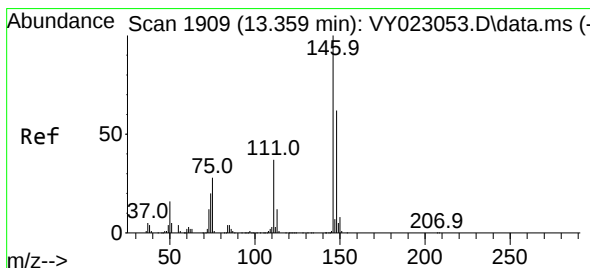
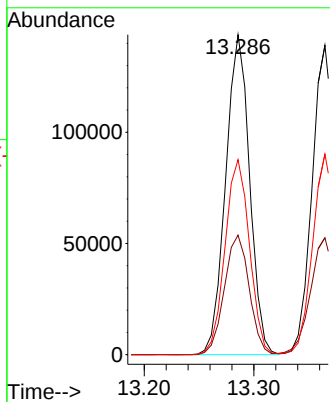
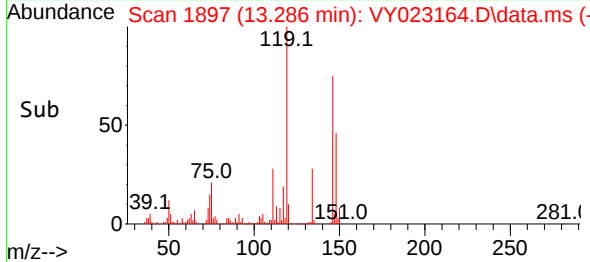
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01



Tgt Ion:146 Resp: 218878
Ion Ratio Lower Upper
146 100
111 38.8 19.6 58.7
148 62.2 32.5 97.5

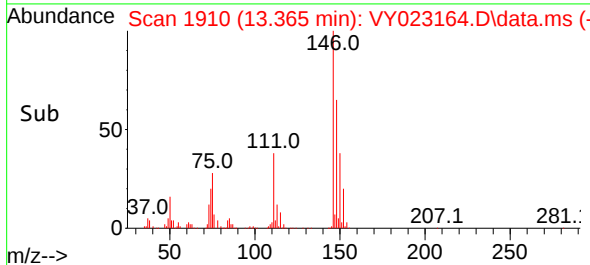
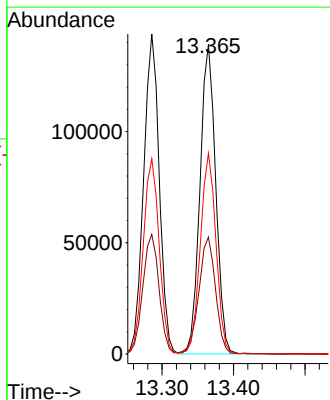
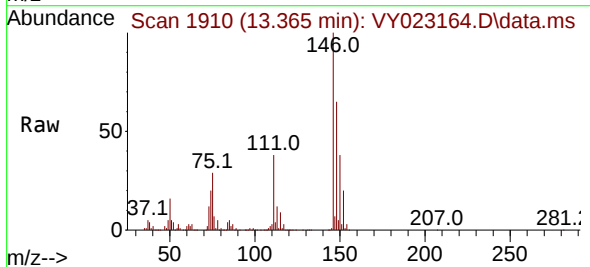
Manual Integrations
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Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#88
1,4-Dichlorobenzene
Concen: 19.976 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Tgt Ion:146 Resp: 213060
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 64.5 31.6 94.7





#89

n-Butylbenzene

Concen: 19.275 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01

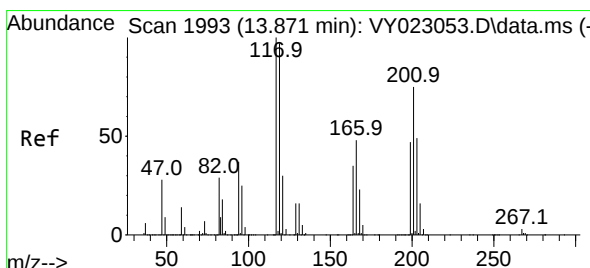
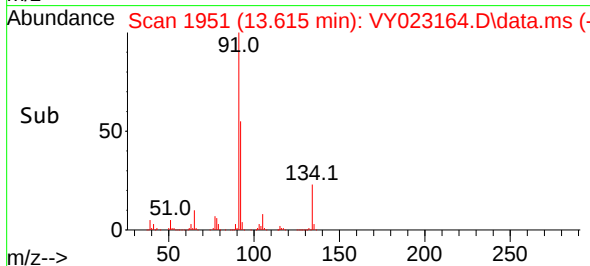
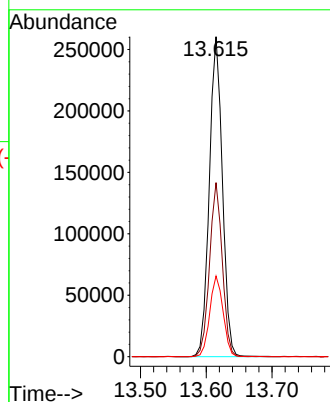
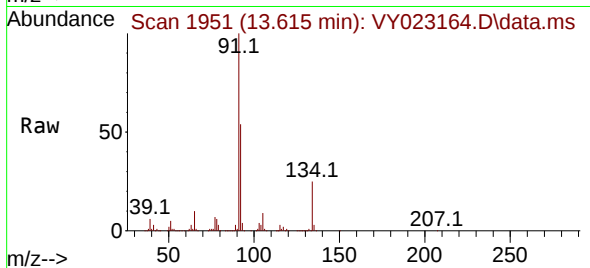
Tgt Ion: 91 Resp: 36009

Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.9	80.7
134	25.7	13.2	39.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#90

Hexachloroethane

Concen: 20.102 ug/l

RT: 13.877 min Scan# 1994

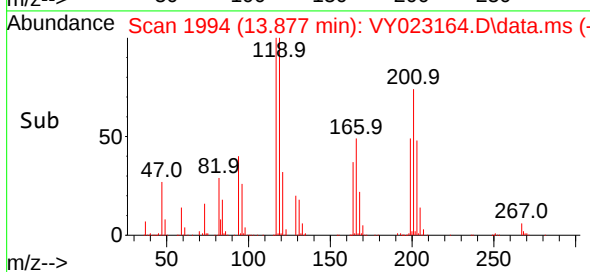
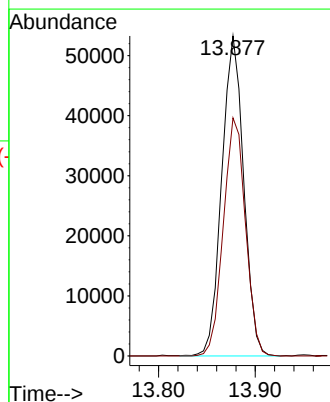
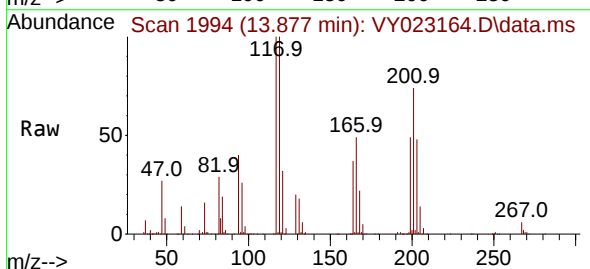
Delta R.T. 0.006 min

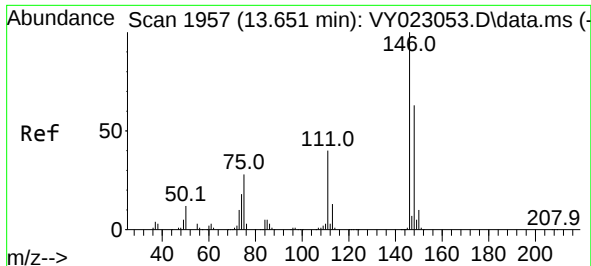
Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Tgt Ion:117 Resp: 83702

Ion	Ratio	Lower	Upper
117	100		
201	75.1	38.4	115.1





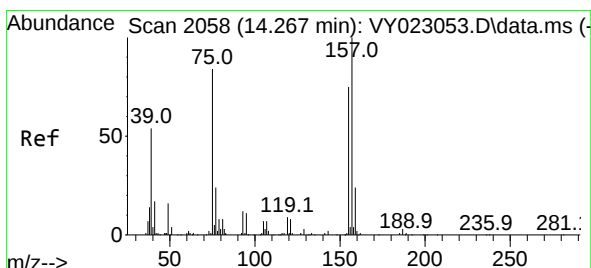
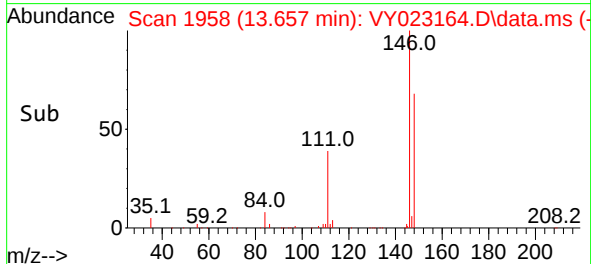
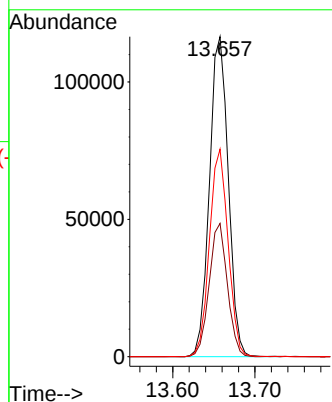
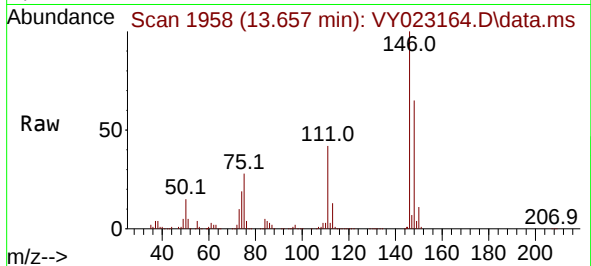
#91
1,2-Dichlorobenzene
Concen: 19.661 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01

Tgt Ion:146 Resp: 18539
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 64.3 32.2 96.6

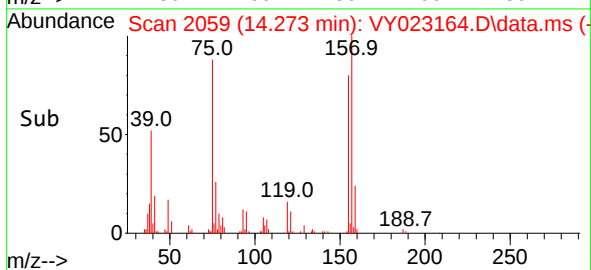
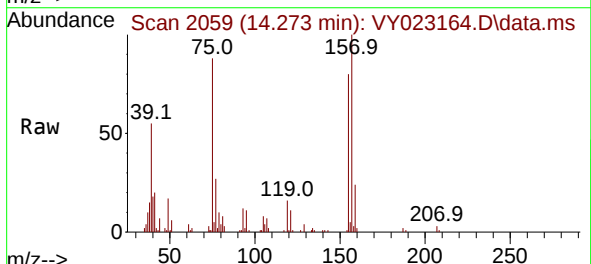
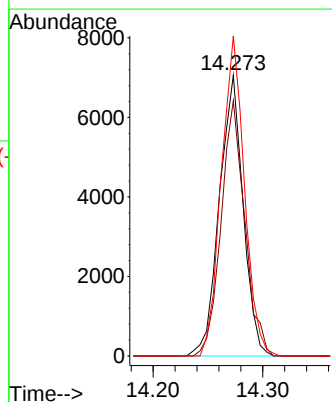
Manual Integrations
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Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.468 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023164.D
Acq: 20 Aug 2025 10:24

Tgt Ion: 75 Resp: 10613
Ion Ratio Lower Upper
75 100
155 90.5 43.9 131.6
157 111.3 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 18.167 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBS01

Tgt Ion:180 Resp: 101300

Ion Ratio Lower Upper

180 100

182 96.7 46.8 140.4

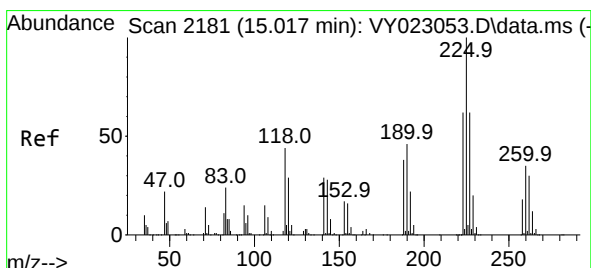
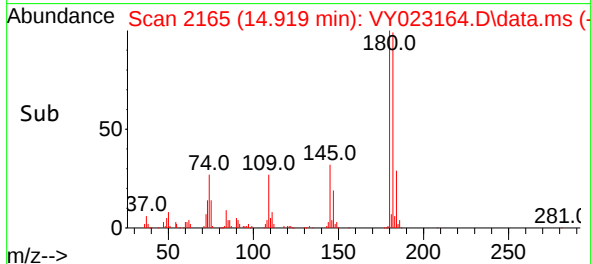
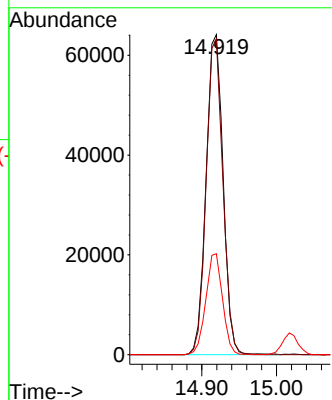
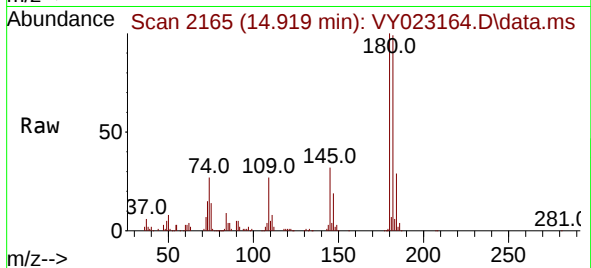
145 31.1 14.4 43.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#94

Hexachlorobutadiene

Concen: 19.692 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

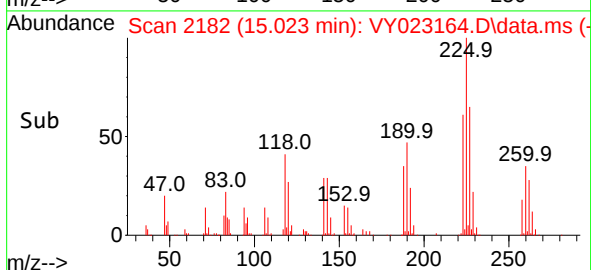
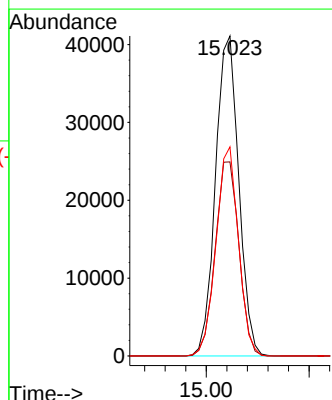
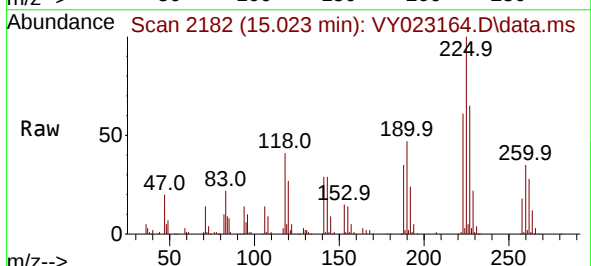
Tgt Ion:225 Resp: 64526

Ion Ratio Lower Upper

225 100

223 61.9 31.3 93.8

227 62.9 31.5 94.5





#95

Naphthalene

Concen: 15.895 ug/l

RT: 15.145 min Scan# 2114

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

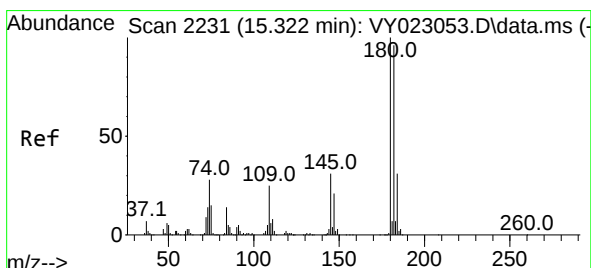
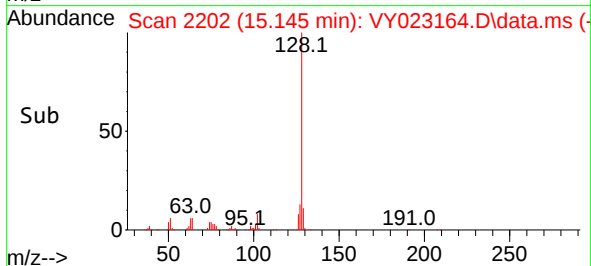
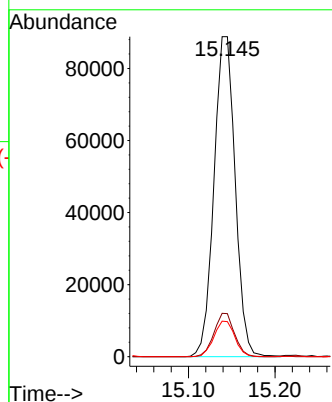
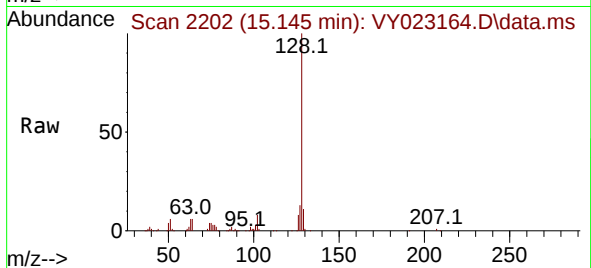
VY0820SBS01

Tgt Ion:128	Resp:	15114
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.4 15.6
129	11.0	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.337 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023164.D

Acq: 20 Aug 2025 10:24

Tgt Ion:180	Resp:	88110
Ion Ratio	Lower	Upper
180	100	
182	93.0	47.9 143.7
145	31.0	15.9 47.7

