

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021250.D
 Acq On : 20 Feb 2025 15:27
 Operator : SY/MD
 Sample : VY0220SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
 Supervised By :Semsettin Yesilyurt 02/21/2025

Quant Time: Feb 21 02:41:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	161536	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	261363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	218672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	103741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	84311	50.941	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.880%		
35) Dibromofluoromethane	7.652	113	82687	49.366	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.740%		
50) Toluene-d8	10.121	98	308198	48.331	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.660%		
62) 4-Bromofluorobenzene	12.420	95	101602	48.770	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	33922	23.561	ug/l	99
3) Chloromethane	2.080	50	38375	27.011	ug/l	97
4) Vinyl Chloride	2.214	62	37354	26.122	ug/l	96
5) Bromomethane	2.611	94	21183	23.968	ug/l	99
6) Chloroethane	2.751	64	22213	26.095	ug/l	98
7) Trichlorofluoromethane	3.080	101	56717	21.771	ug/l	99
8) Diethyl Ether	3.470	74	16851	20.720	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.836	101	32667	19.979	ug/l	94
10) Methyl Iodide	4.025	142	41225	22.695	ug/l	94
11) Tert butyl alcohol	4.927	59	9655	86.085	ug/l #	89
12) 1,1-Dichloroethene	3.805	96	32161	20.881	ug/l	94
13) Acrolein	3.671	56	11744	67.999	ug/l	99
14) Allyl chloride	4.403	41	56918	21.927	ug/l	94
15) Acrylonitrile	5.086	53	33357	98.496	ug/l	98
16) Acetone	3.897	43	24640	95.465	ug/l	92
17) Carbon Disulfide	4.129	76	106704	22.093	ug/l	99
18) Methyl Acetate	4.409	43	18000	19.866	ug/l	94
19) Methyl tert-butyl Ether	5.141	73	78048	20.049	ug/l	97
20) Methylene Chloride	4.641	84	36627	22.827	ug/l	94
21) trans-1,2-Dichloroethene	5.141	96	36189	21.346	ug/l	93
22) Diisopropyl ether	6.037	45	117554	21.971	ug/l	94
23) Vinyl Acetate	5.982	43	315820	105.884	ug/l	96
24) 1,1-Dichloroethane	5.939	63	67460	21.520	ug/l	98
25) 2-Butanone	6.915	43	39875	94.015	ug/l	94
26) 2,2-Dichloropropane	6.902	77	56755	19.567	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	41069	21.045	ug/l	92
28) Bromochloromethane	7.268	49	25826	20.835	ug/l	97
29) Tetrahydrofuran	7.287	42	28336	98.733	ug/l	93
30) Chloroform	7.439	83	68259	21.199	ug/l	98
31) Cyclohexane	7.719	56	59037	20.913	ug/l	93
32) 1,1,1-Trichloroethane	7.640	97	61890	20.674	ug/l	100
36) 1,1-Dichloropropene	7.853	75	49344	19.889	ug/l	99
37) Ethyl Acetate	7.006	43	20117	18.484	ug/l	98
38) Carbon Tetrachloride	7.835	117	55417	19.117	ug/l	98
39) Methylcyclohexane	9.122	83	59090	19.472	ug/l	95
40) Benzene	8.097	78	148751	20.431	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	11146	17.702	ug/l	98
42) 1,2-Dichloroethane	8.177	62	40291	19.949	ug/l	96
43) Isopropyl Acetate	8.213	43	41987	19.415	ug/l #	85
44) Trichloroethene	8.878	130	36611	19.463	ug/l	98
45) 1,2-Dichloropropane	9.152	63	35442	20.509	ug/l	98
46) Dibromomethane	9.243	93	18152	18.972	ug/l	97
47) Bromodichloromethane	9.432	83	50451	19.661	ug/l	92
48) Methyl methacrylate	9.231	41	18625	18.907	ug/l	94
49) 1,4-Dioxane	9.262	88	3386	380.146	ug/l	95
51) 4-Methyl-2-Pentanone	10.012	43	100039	91.989	ug/l	96
52) Toluene	10.182	92	92464	20.226	ug/l	100
53) t-1,3-Dichloropropene	10.408	75	43790	19.005	ug/l	97
54) cis-1,3-Dichloropropene	9.871	75	53275	19.528	ug/l	91
55) 1,1,2-Trichloroethane	10.585	97	24175	19.512	ug/l	95
56) Ethyl methacrylate	10.451	69	30197	18.218	ug/l	88
57) 1,3-Dichloropropane	10.731	76	41863	19.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	69058	87.576	ug/l	99
59) 2-Hexanone	10.774	43	63360	90.488	ug/l	94
60) Dibromochloromethane	10.926	129	32430	18.638	ug/l	100
61) 1,2-Dibromoethane	11.024	107	21588	18.602	ug/l	99
64) Tetrachloroethene	10.658	164	31654	19.500	ug/l	96
65) Chlorobenzene	11.457	112	96110	19.739	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.530	131	33586	19.410	ug/l	98
67) Ethyl Benzene	11.530	91	170084	19.749	ug/l	99
68) m/p-Xylenes	11.639	106	129589	40.223	ug/l	97
69) o-Xylene	11.969	106	59416	19.781	ug/l	96
70) Styrene	11.981	104	99544	19.883	ug/l	99
71) Bromoform	12.145	173	17478	18.147	ug/l #	97
73) Isopropylbenzene	12.267	105	160857	19.850	ug/l	100
74) N-amyl acetate	12.084	43	32765	18.494	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.517	83	25465	18.895	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	18705m	19.877	ug/l	
77) Bromobenzene	12.542	156	36542	19.541	ug/l	95
78) n-propylbenzene	12.609	91	195636	20.266	ug/l	100
79) 2-Chlorotoluene	12.688	91	110955	20.068	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	129954	19.779	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	8144	17.658	ug/l	94
82) 4-Chlorotoluene	12.792	91	113066	20.072	ug/l	99
83) tert-Butylbenzene	13.011	119	118226	19.797	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	129629	20.178	ug/l	100
85) sec-Butylbenzene	13.188	105	168703	19.625	ug/l	98
86) p-Isopropyltoluene	13.304	119	140534	19.680	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	70378	19.491	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	69610	19.580	ug/l	99
89) n-Butylbenzene	13.627	91	124639	19.133	ug/l	99
90) Hexachloroethane	13.895	117	28900	19.400	ug/l	86
91) 1,2-Dichlorobenzene	13.670	146	60610	19.340	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	3688	18.312	ug/l	94
93) 1,2,4-Trichlorobenzene	14.931	180	32041	18.367	ug/l	99
94) Hexachlorobutadiene	15.035	225	21996	19.027	ug/l	99
95) Naphthalene	15.157	128	49678	17.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	26559	18.295	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

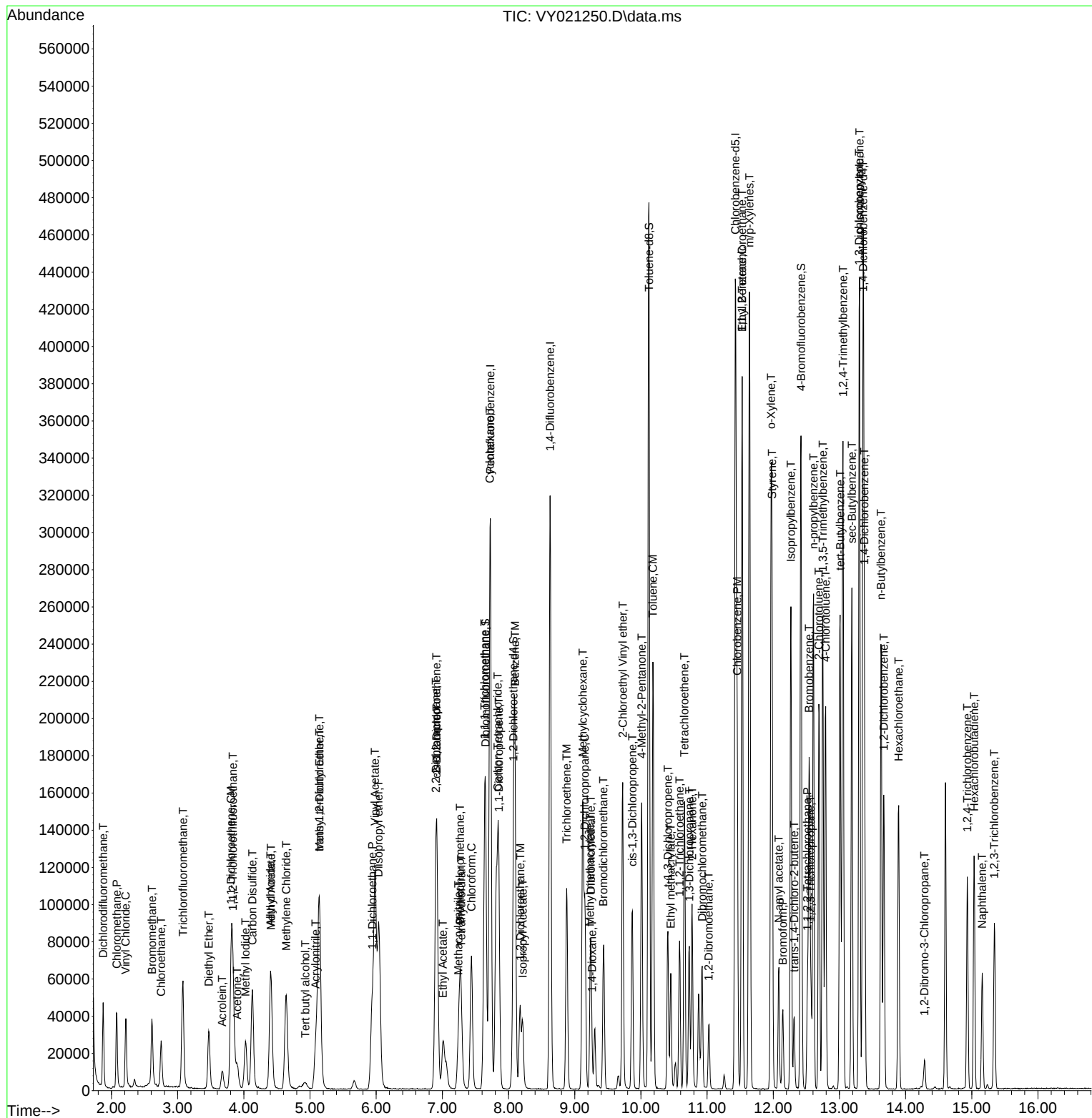
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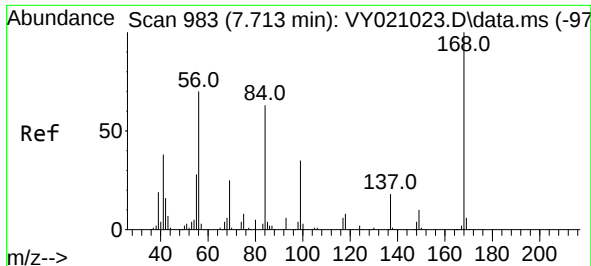
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Manual Integrations APPROVED

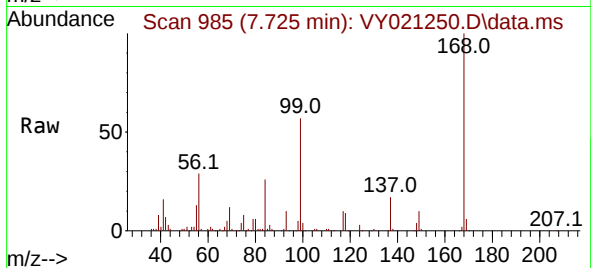
Reviewed By :Mahesh Dadoda 02/21/2025
 Supervised By :Semsettin Yesilyurt 02/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

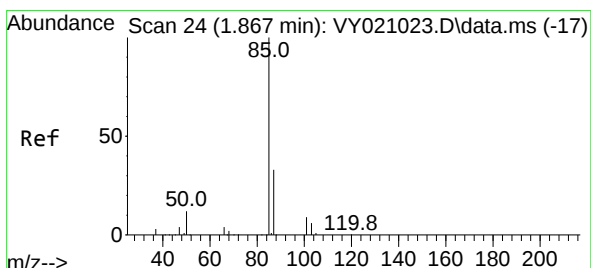
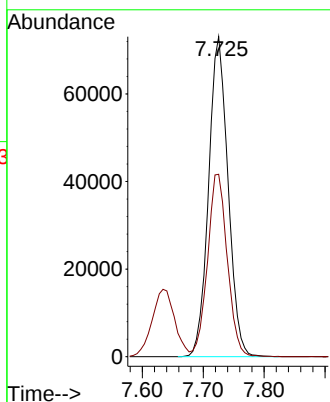
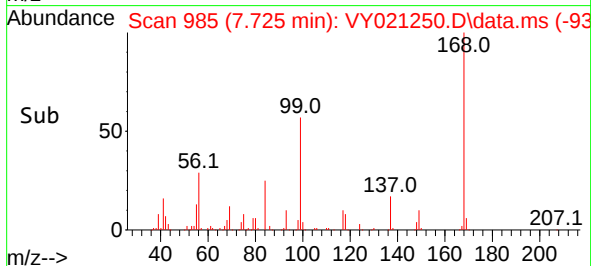
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



Tgt Ion:168 Resp: 161536
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4

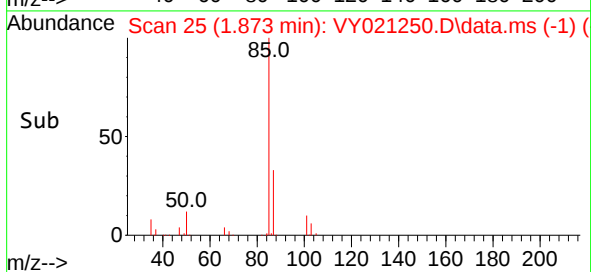
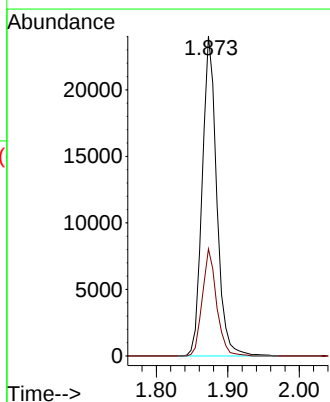
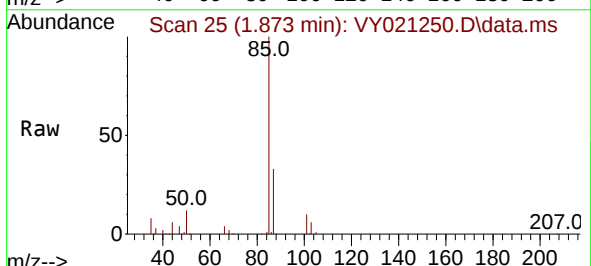
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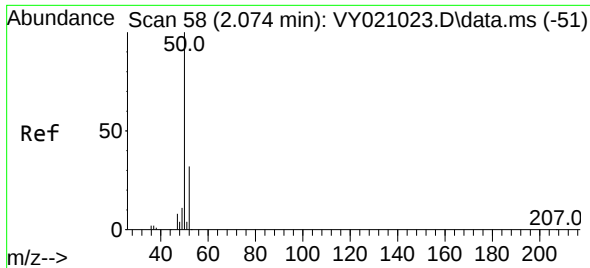
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#2
Dichlorodifluoromethane
Concen: 23.561 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

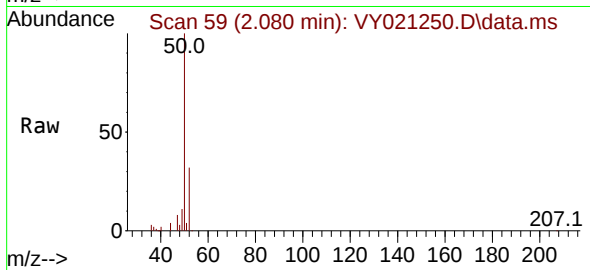
Tgt Ion: 85 Resp: 33922
Ion Ratio Lower Upper
85 100
87 33.4 17.1 51.3





#3
Chloromethane
Concen: 27.011 ug/l
RT: 2.080 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

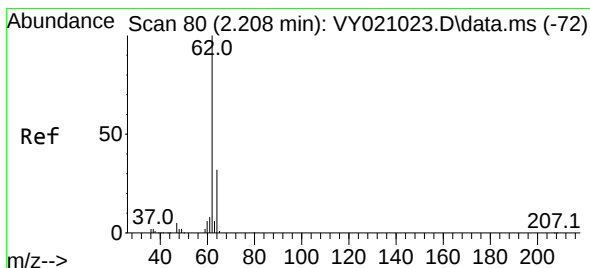
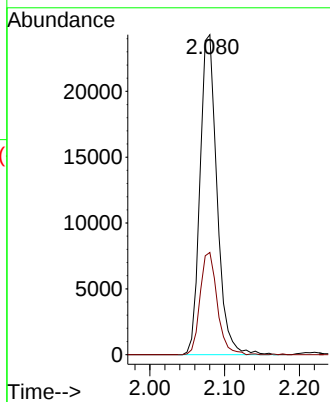
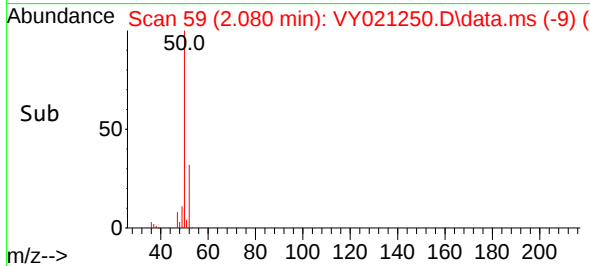
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 38375
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1

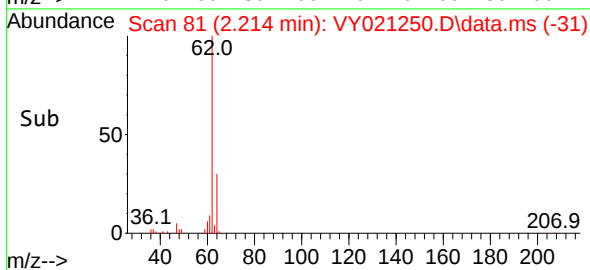
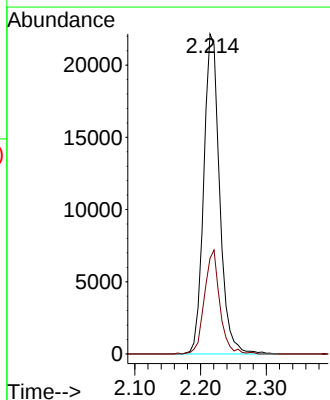
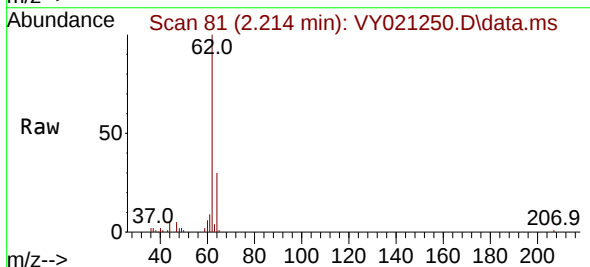
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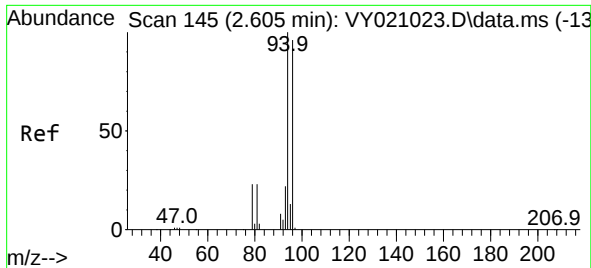
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#4
Vinyl Chloride
Concen: 26.122 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

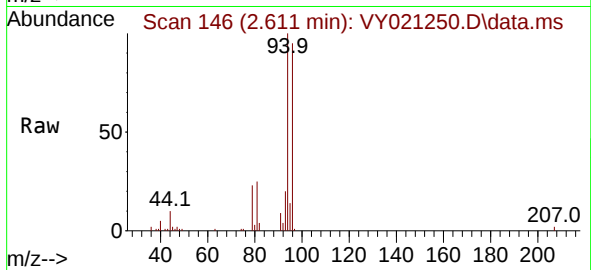
Tgt Ion: 62 Resp: 37354
Ion Ratio Lower Upper
62 100
64 29.9 25.7 38.5





#5
Bromomethane
Concen: 23.968 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

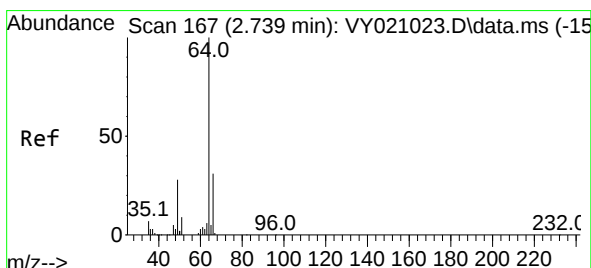
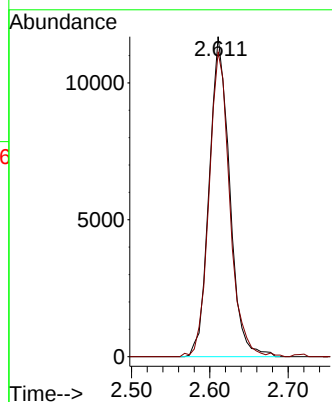
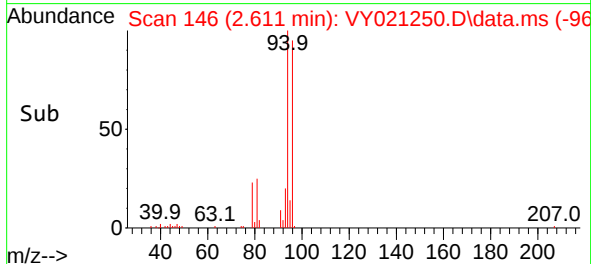
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Tgt Ion: 94 Resp: 2118
Ion Ratio Lower Upper
94 100
96 95.1 77.3 115.9

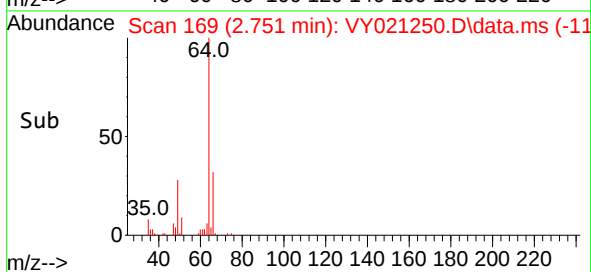
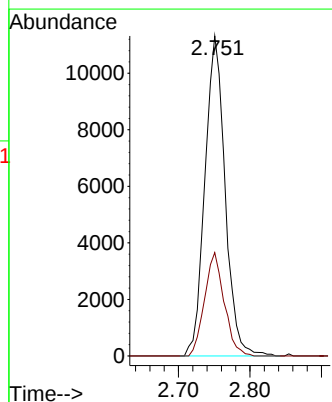
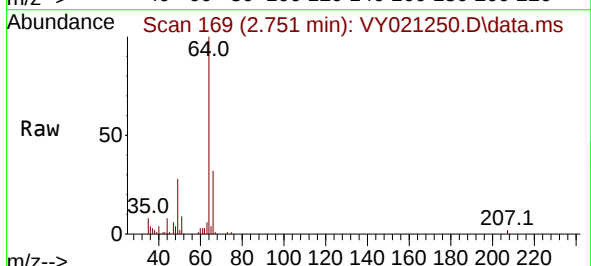
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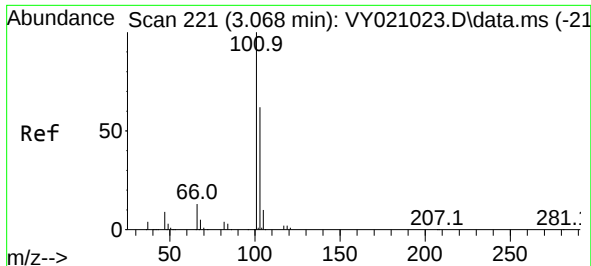
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#6
Chloroethane
Concen: 26.095 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

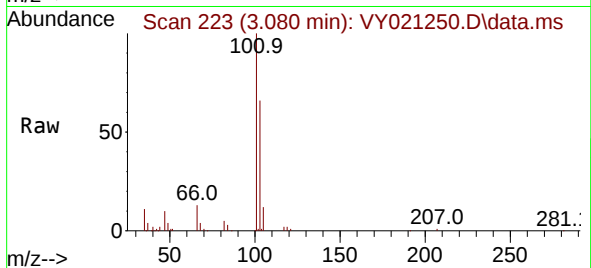
Tgt Ion: 64 Resp: 22213
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 21.771 ug/l
 RT: 3.080 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

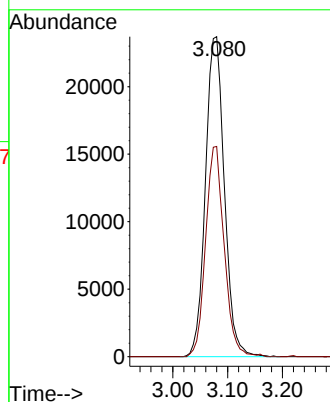
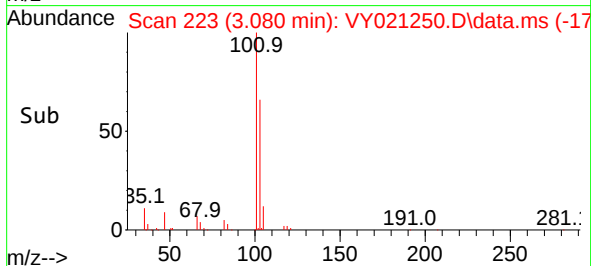
Instrument :
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 VY0220SBSD01



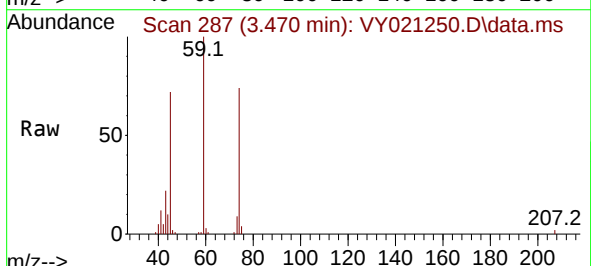
Tgt Ion:101 Resp: 5671
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.9 77.9

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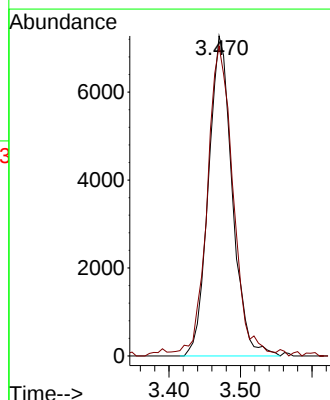
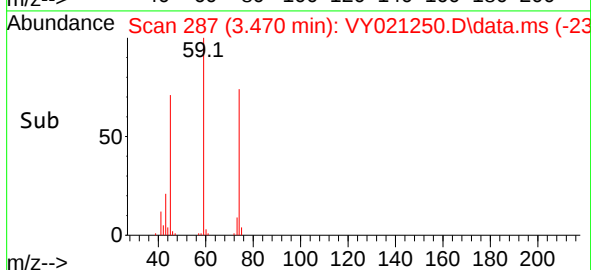
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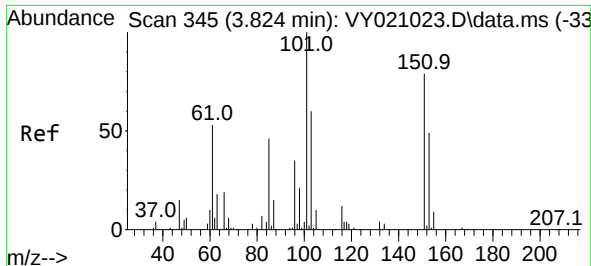


#8
 Diethyl Ether
 Concen: 20.720 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27



Tgt Ion: 74 Resp: 16851
 Ion Ratio Lower Upper
 74 100
 45 102.4 47.9 143.7





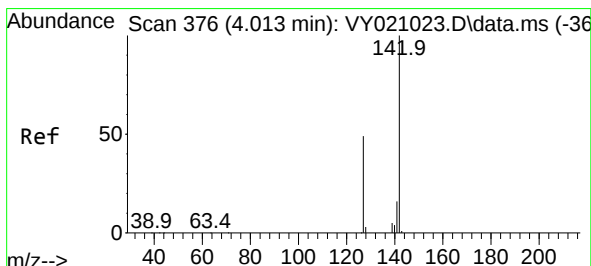
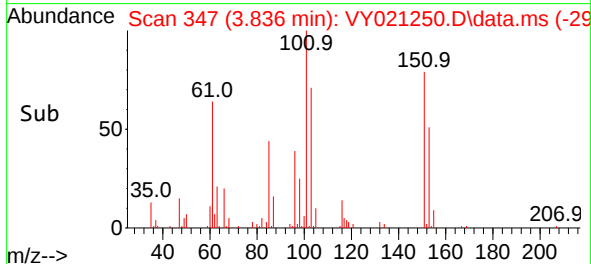
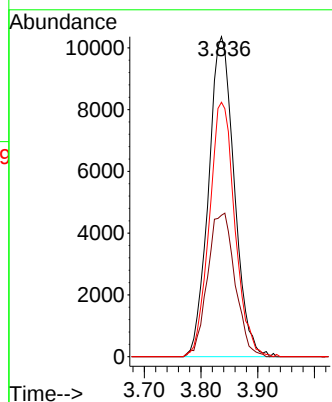
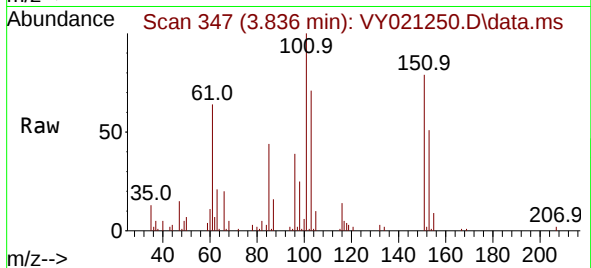
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.979 ug/l
RT: 3.836 min Scan# 345
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01

Tgt Ion	101	Resp	3266
Ion Ratio	100	Lower	Upper
101	100		
85	47.8	35.8	53.6
151	79.0	58.6	88.0

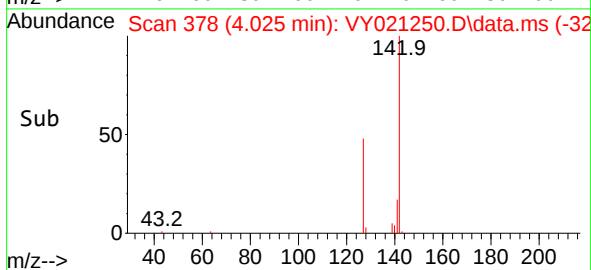
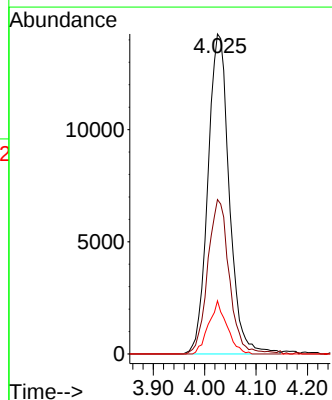
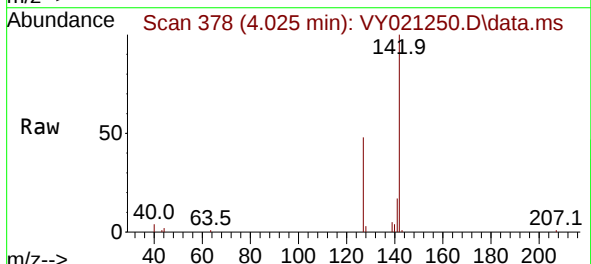
Manual Integrations
APPROVED

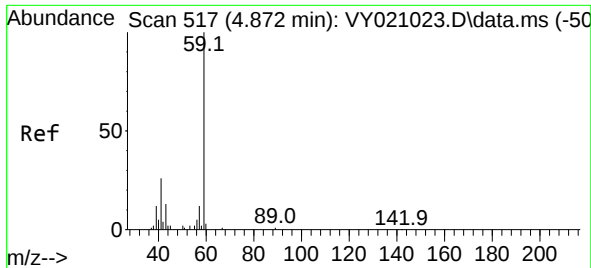
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#10
Methyl Iodide
Concen: 22.695 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

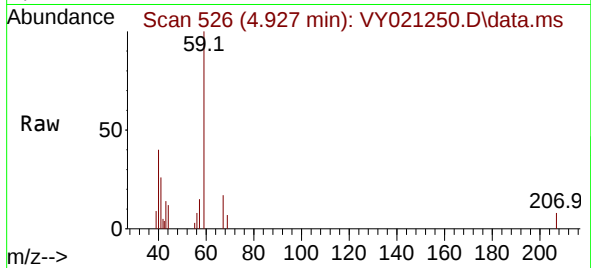
Tgt Ion	142	Resp	41225
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
142	100		
127	48.8	35.1	52.7
141	14.2	11.8	17.6





#11
Tert butyl alcohol
Concen: 86.085 ug/l
RT: 4.927 min Scan# 517
Delta R.T. 0.055 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

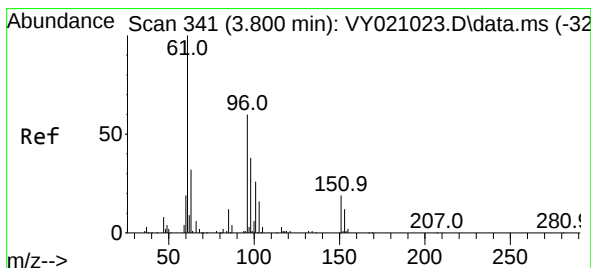
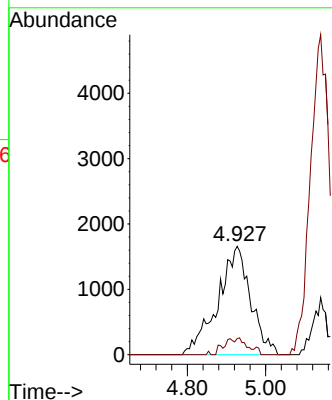
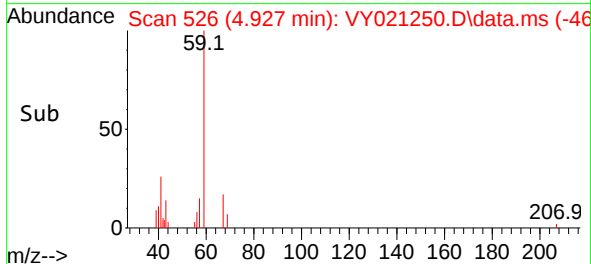
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



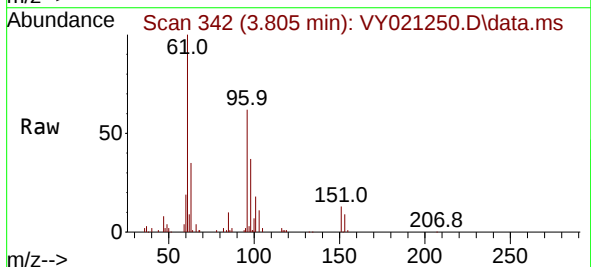
Tgt Ion: 59 Resp: 965
Ion Ratio Lower Upper
59 100
57 5.3 7.4 11.0

Manual Integrations
APPROVED

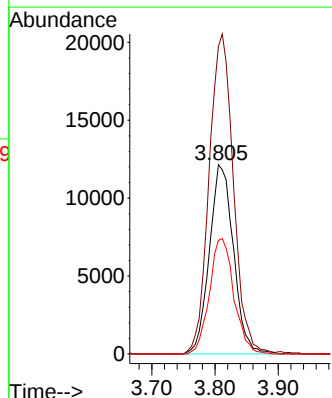
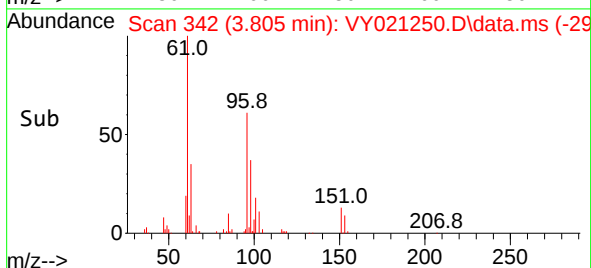
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025

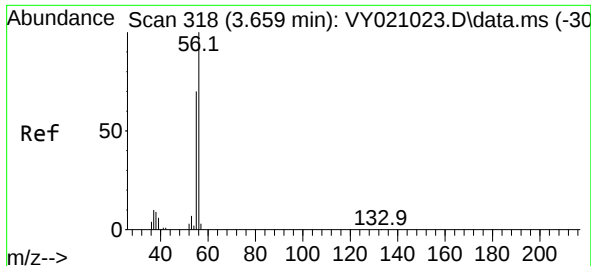


#12
1,1-Dichloroethene
Concen: 20.881 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27



Tgt Ion: 96 Resp: 32161
Ion Ratio Lower Upper
96 100
61 162.5 124.2 186.2
98 60.0 52.6 79.0





#13

Acrolein

Concen: 67.999 ug/l

RT: 3.671 min Scan# 318

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion: 56 Resp: 11744

Ion Ratio Lower Upper

56 100

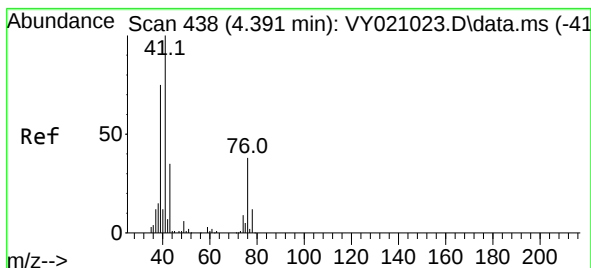
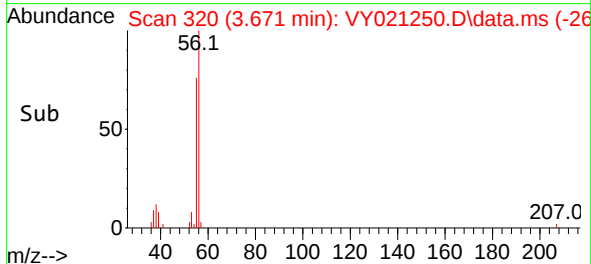
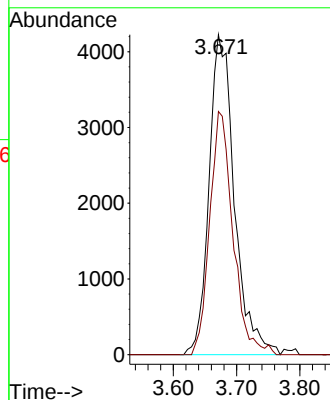
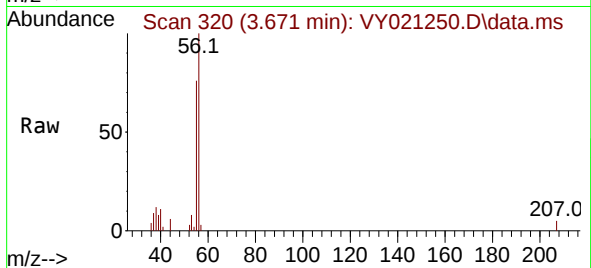
55 69.7 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025

Supervised By :Semsettin Yesilyurt 02/21/2025



#14

Allyl chloride

Concen: 21.927 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

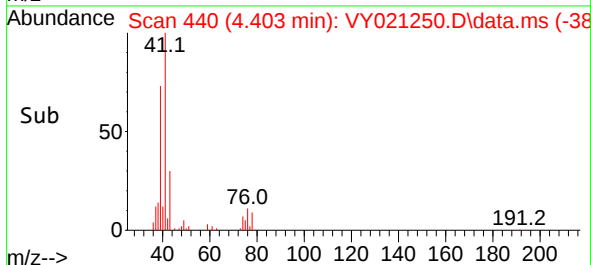
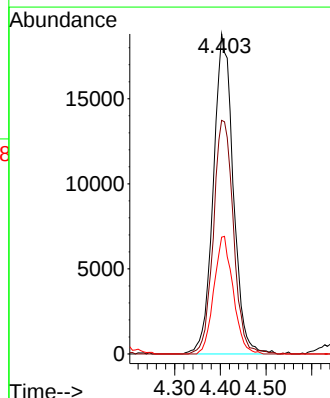
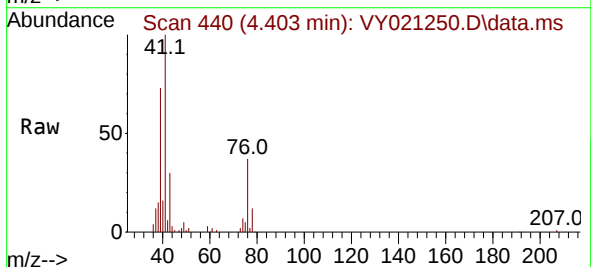
Tgt Ion: 41 Resp: 56918

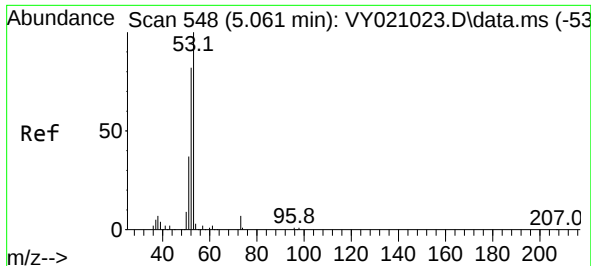
Ion Ratio Lower Upper

41 100

39 73.4 54.7 82.1

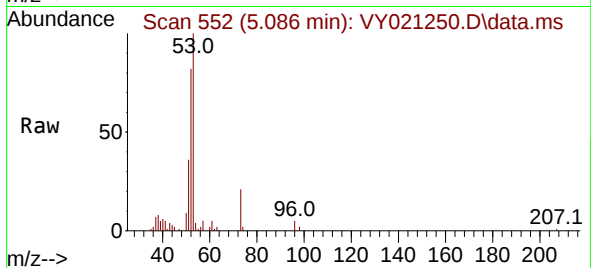
76 35.5 31.8 47.6





#15
Acrylonitrile
Concen: 98.496 ug/l
RT: 5.086 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

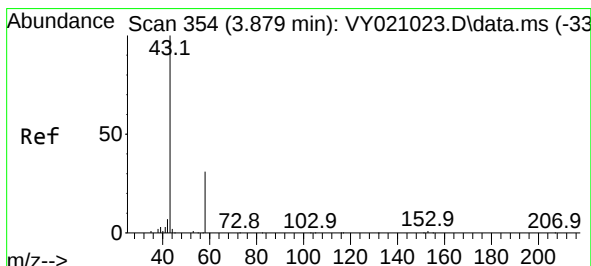
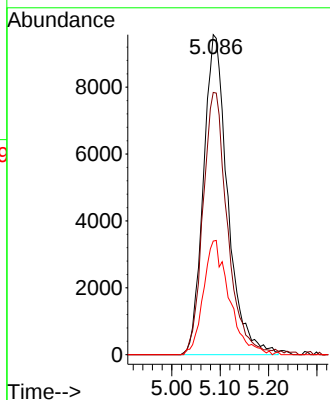
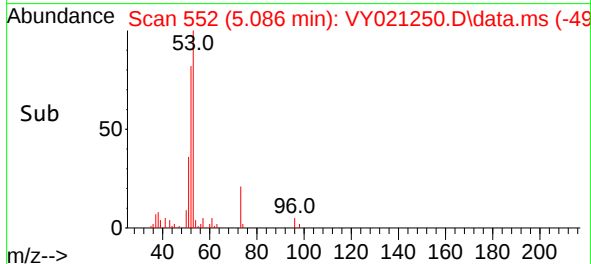
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



Tgt Ion: 53 Resp: 3335
Ion Ratio Lower Upper
53 100
52 82.4 65.1 97.7
51 38.1 29.0 43.4

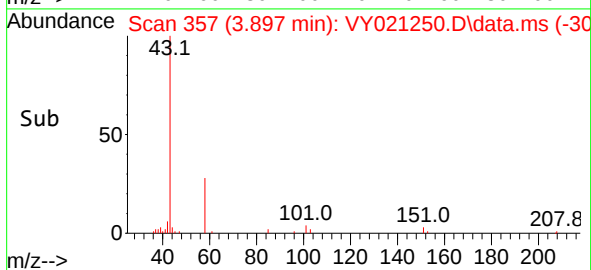
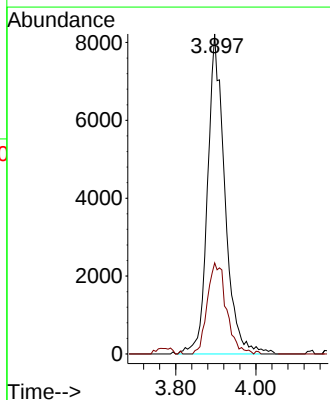
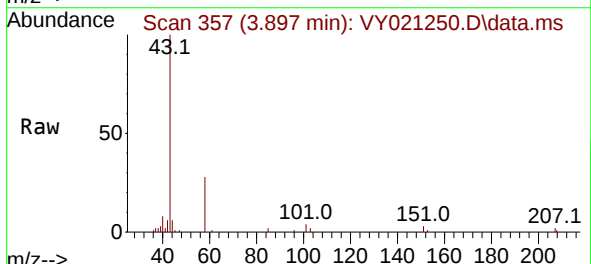
Manual Integrations
APPROVED

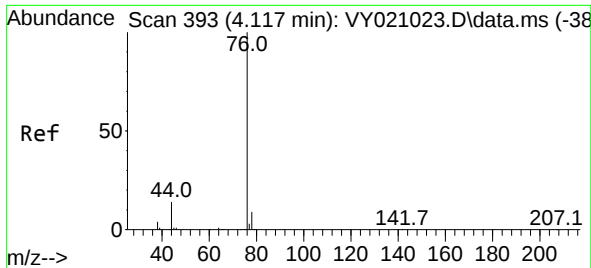
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#16
Acetone
Concen: 95.465 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 43 Resp: 24640
Ion Ratio Lower Upper
43 100
58 28.5 26.6 39.8





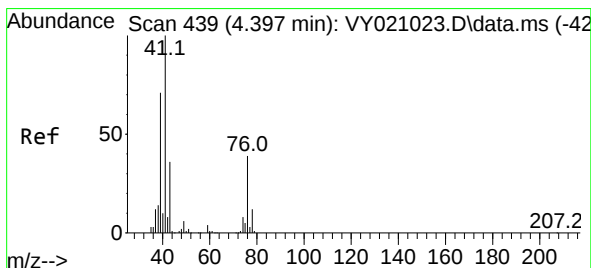
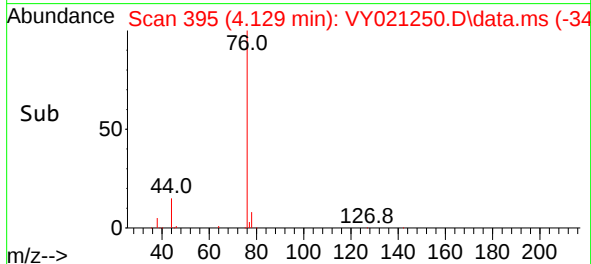
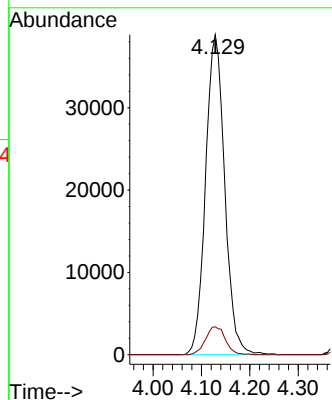
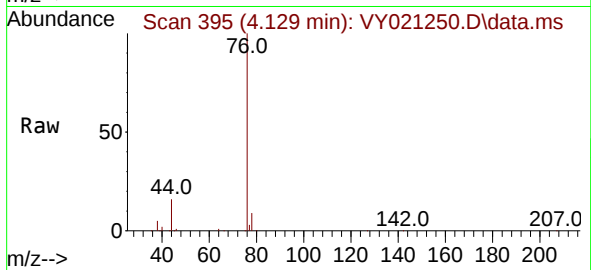
#17
Carbon Disulfide
Concen: 22.093 ug/l
RT: 4.129 min Scan# 395
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion: 76 Resp: 106704
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

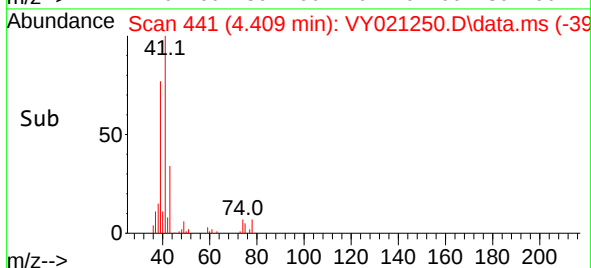
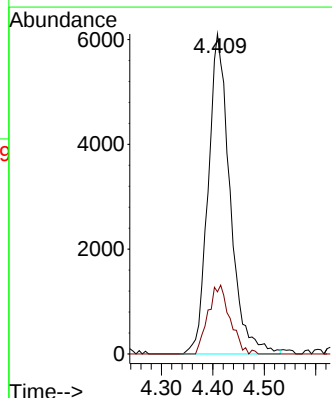
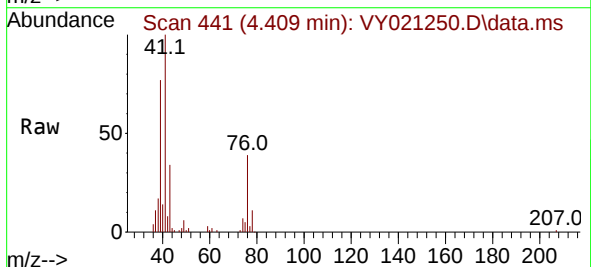
Manual Integrations
APPROVED

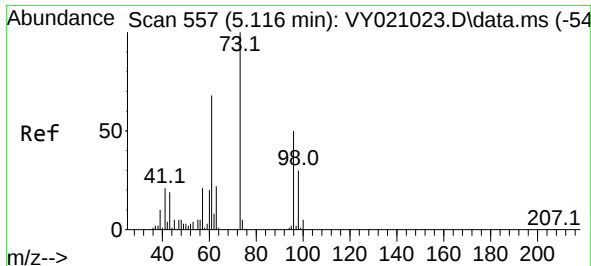
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#18
Methyl Acetate
Concen: 19.866 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 43 Resp: 18000
Ion Ratio Lower Upper
43 100
74 21.6 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 20.049 ug/l

RT: 5.141 min Scan# 50

Delta R.T. 0.024 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBSD01

Tgt Ion: 73 Resp: 7804

Ion Ratio Lower Upper

73 100

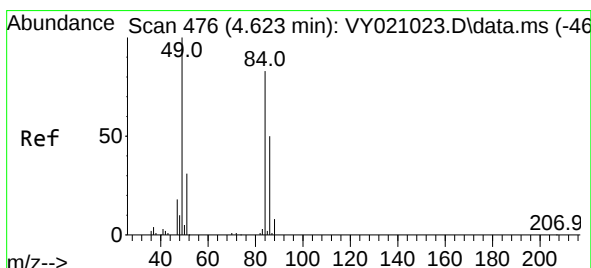
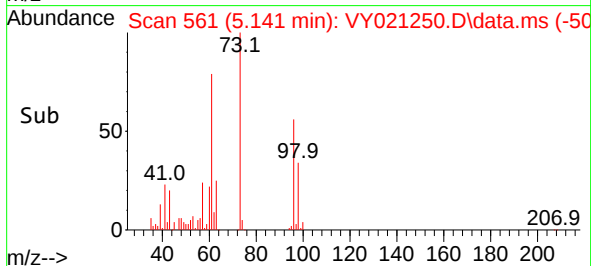
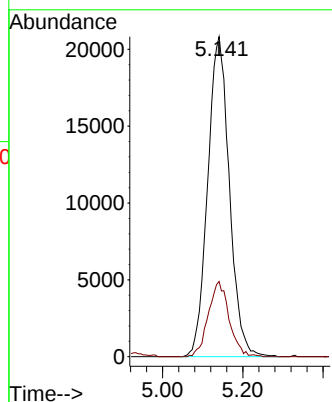
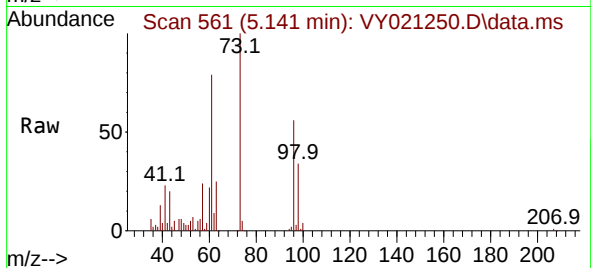
57 23.5 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025

Supervised By :Semsettin Yesilyurt 02/21/2025



#20

Methylene Chloride

Concen: 22.827 ug/l

RT: 4.641 min Scan# 479

Delta R.T. 0.018 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Tgt Ion: 84 Resp: 36627

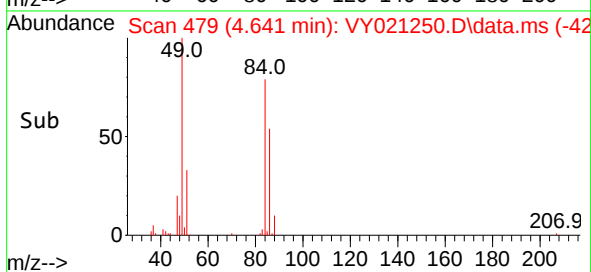
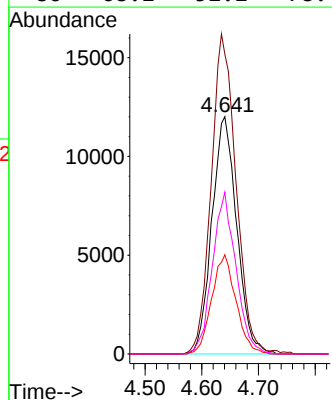
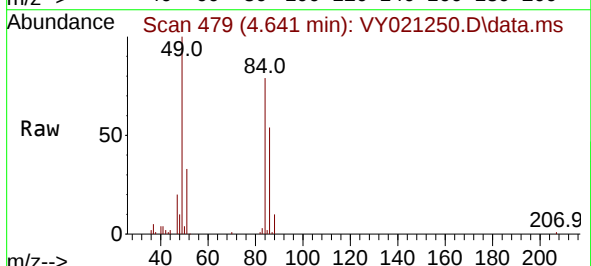
Ion Ratio Lower Upper

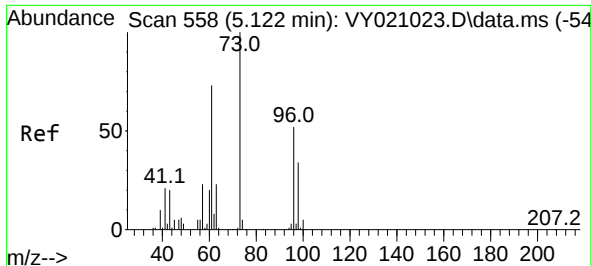
84 100

49 126.4 95.2 142.8

51 41.8 29.9 44.9

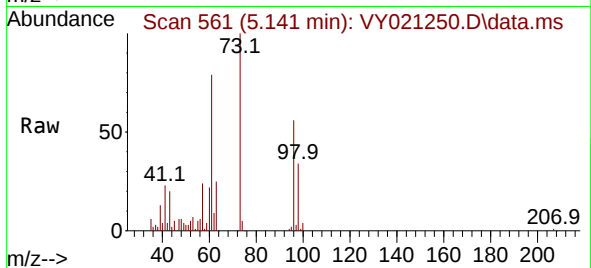
86 68.2 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 21.346 ug/l
RT: 5.141 min Scan# 501
Delta R.T. 0.018 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

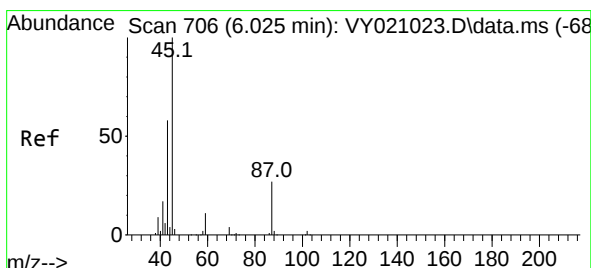
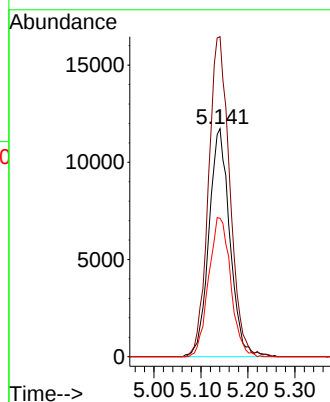
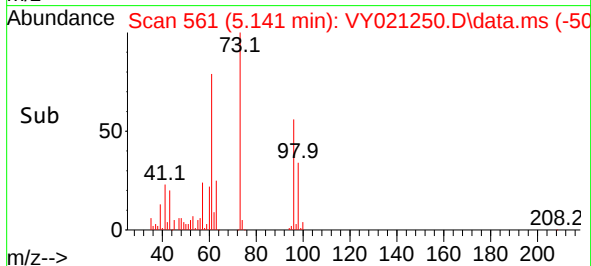
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



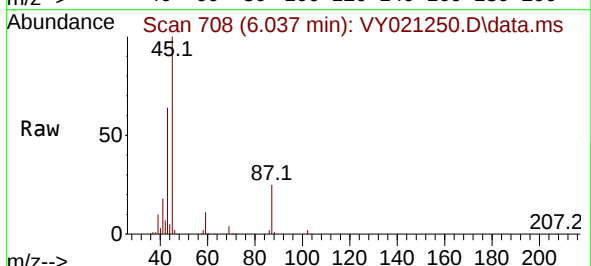
Tgt Ion: 96 Resp: 36189
Ion Ratio Lower Upper
96 100
61 140.4 104.6 156.8
98 60.7 50.9 76.3

Manual Integrations
APPROVED

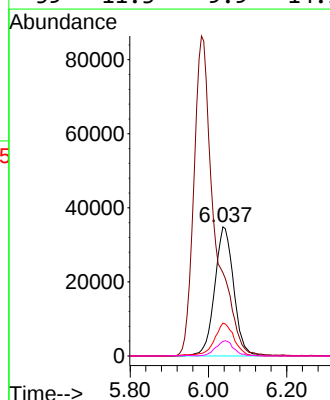
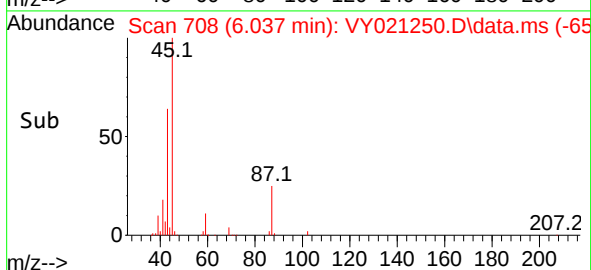
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025

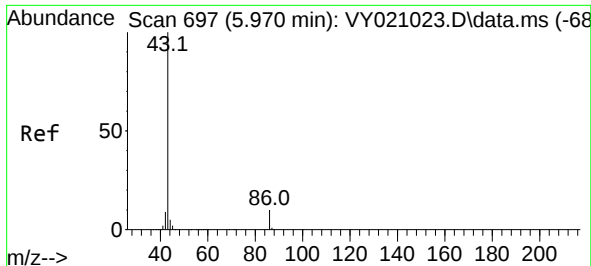


#22
Diisopropyl ether
Concen: 21.971 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27



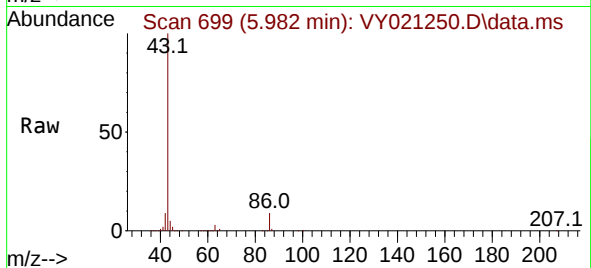
Tgt Ion: 45 Resp: 117554
Ion Ratio Lower Upper
45 100
43 63.8 46.8 70.2
87 25.4 22.2 33.2
59 11.3 9.9 14.9





#23
 Vinyl Acetate
 Concen: 105.884 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

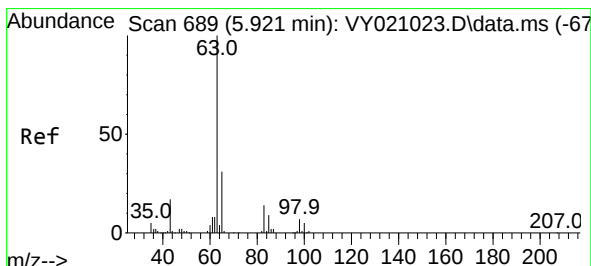
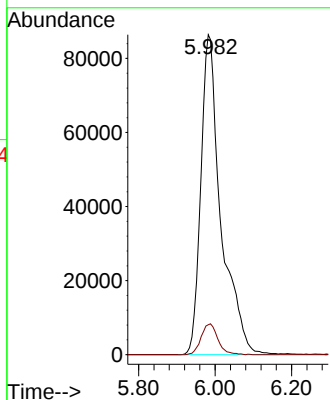
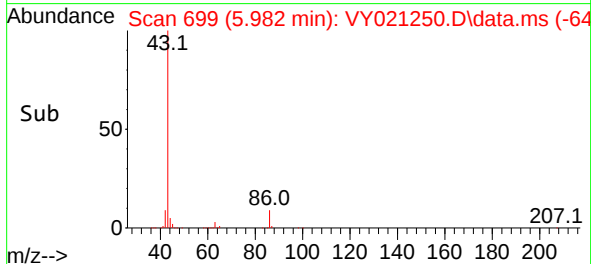
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01



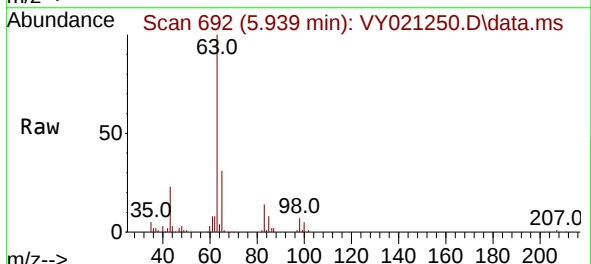
Tgt Ion: 43 Resp: 315820
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.6 13.0

Manual Integrations
 APPROVED

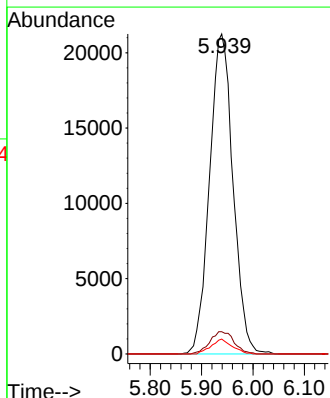
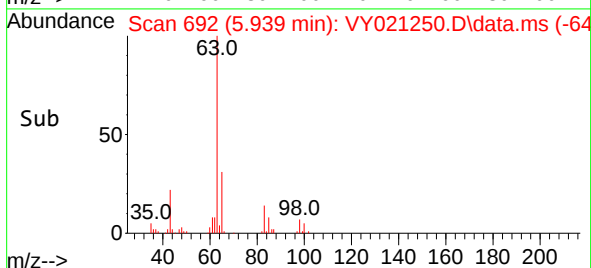
Reviewed By :Mahesh Dadoda 02/21/2025
 Supervised By :Semsettin Yesilyurt 02/21/2025

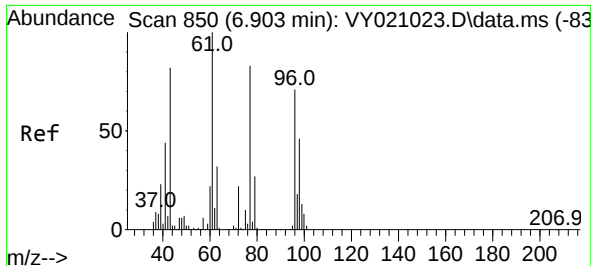


#24
 1,1-Dichloroethane
 Concen: 21.520 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.018 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27



Tgt Ion: 63 Resp: 67460
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 94.015 ug/l

RT: 6.915 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBSD01

Tgt Ion: 43 Resp: 39875

Ion Ratio Lower Upper

43 100

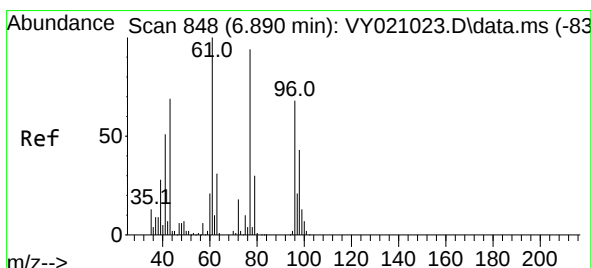
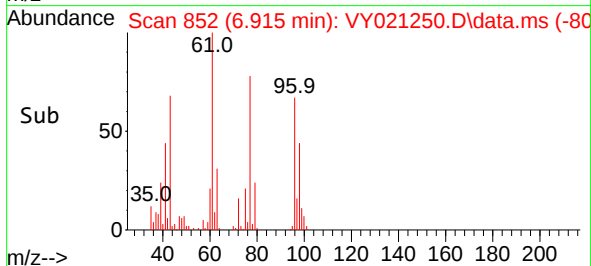
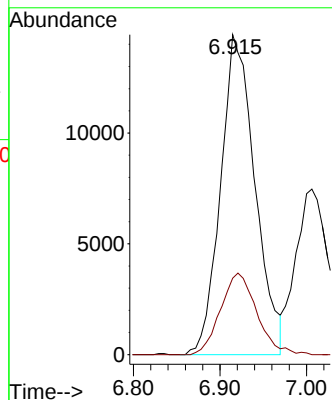
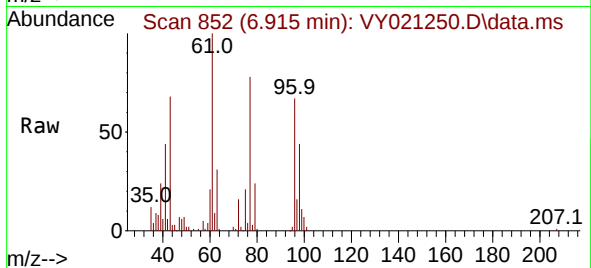
72 23.9 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025

Supervised By :Semsettin Yesilyurt 02/21/2025



#26

2,2-Dichloropropane

Concen: 19.567 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY021250.D

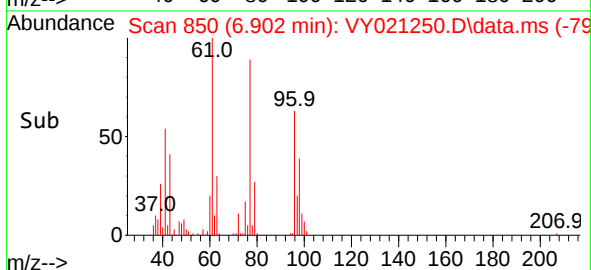
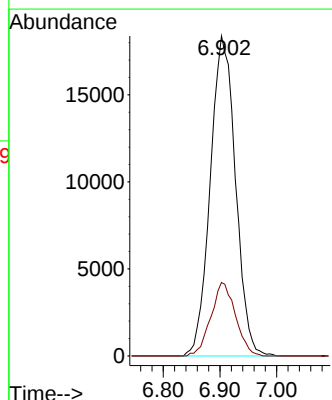
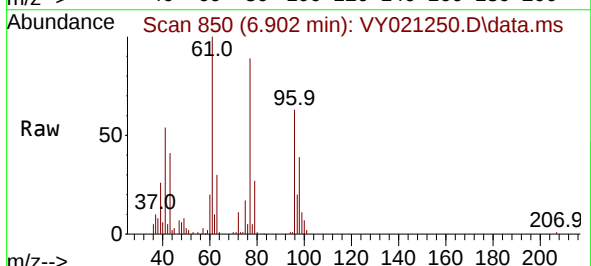
Acq: 20 Feb 2025 15:27

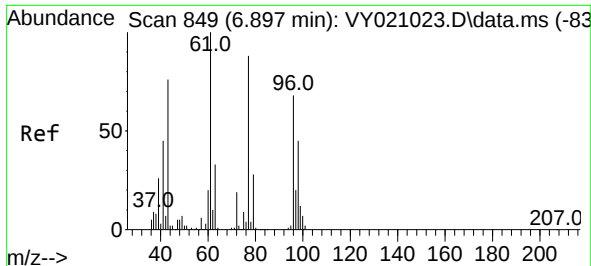
Tgt Ion: 77 Resp: 56755

Ion Ratio Lower Upper

77 100

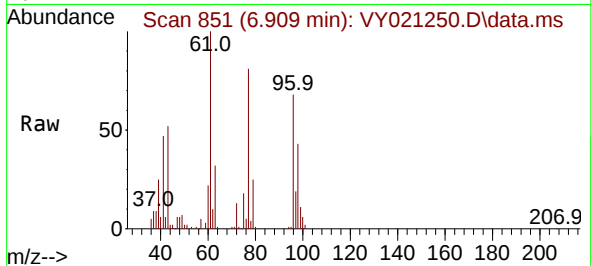
97 22.4 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 21.045 ug/l
 RT: 6.909 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

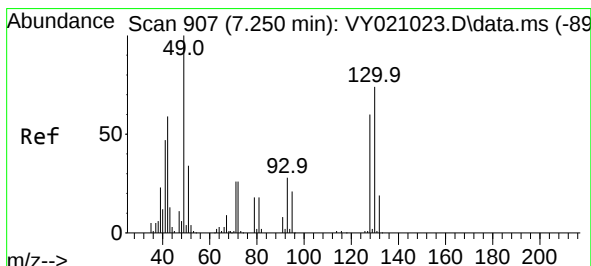
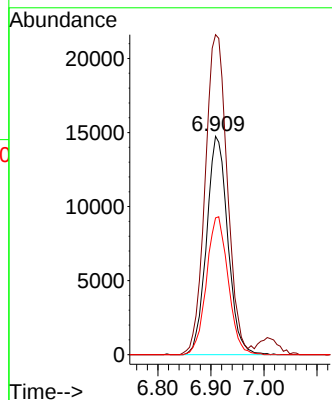
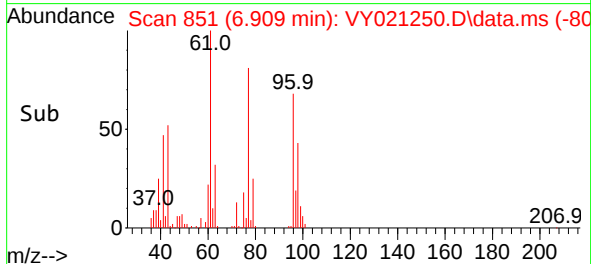
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBSD01



Tgt Ion: 96 Resp: 41069
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 278.8
 98 64.5 0.0 127.0

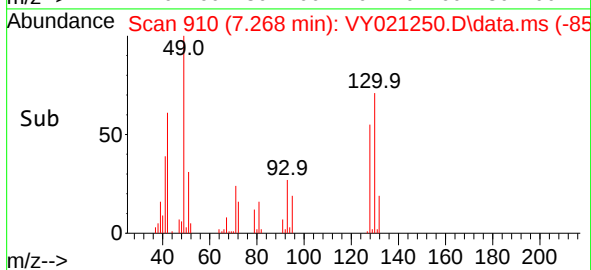
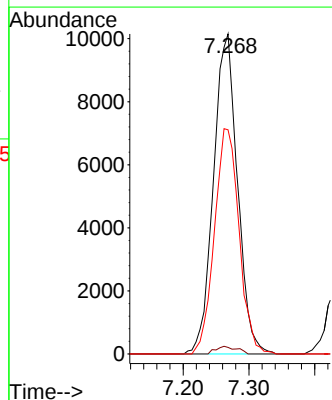
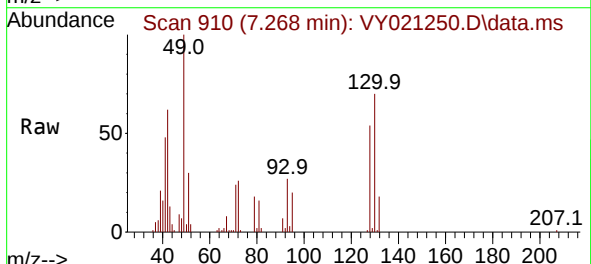
Manual Integrations
 APPROVED

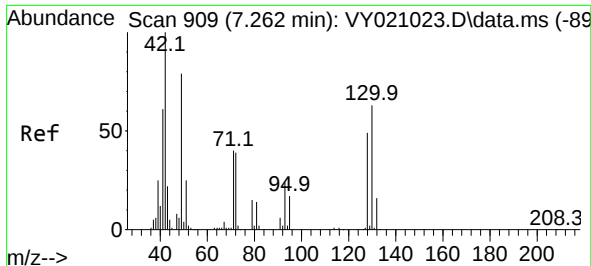
Reviewed By :Mahesh Dadoda 02/21/2025
 Supervised By :Semsettin Yesilyurt 02/21/2025



#28
 Bromochloromethane
 Concen: 20.835 ug/l
 RT: 7.268 min Scan# 910
 Delta R.T. 0.018 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

Tgt Ion: 49 Resp: 25826
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 72.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 98.733 ug/l

RT: 7.287 min Scan# 913

Delta R.T. 0.024 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

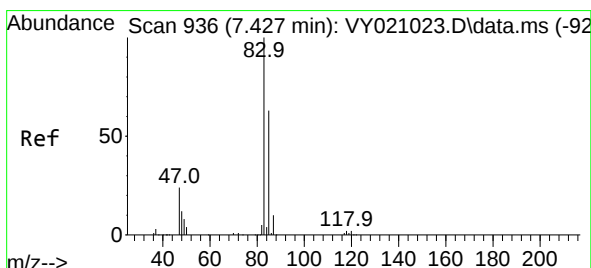
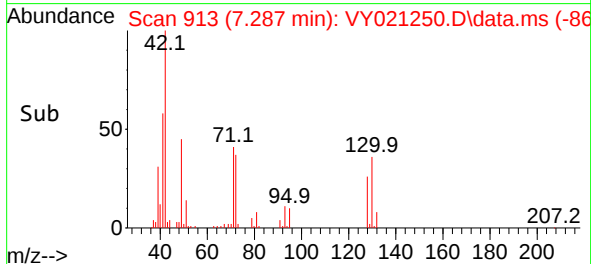
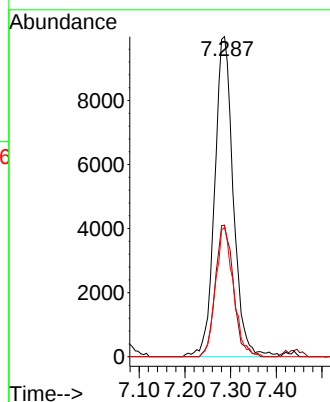
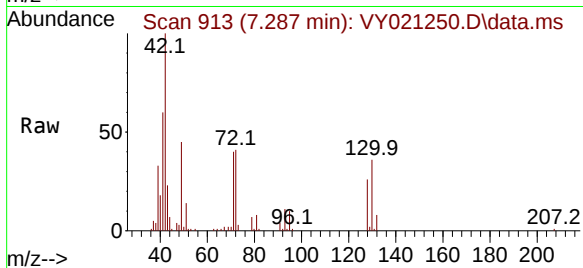
VY0220SBSD01

Tgt Ion:	42	Resp:	28330
Ion	Ratio	Lower	Upper
42	100		
72	40.0	36.6	54.8
71	38.7	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#30

Chloroform

Concen: 21.199 ug/l

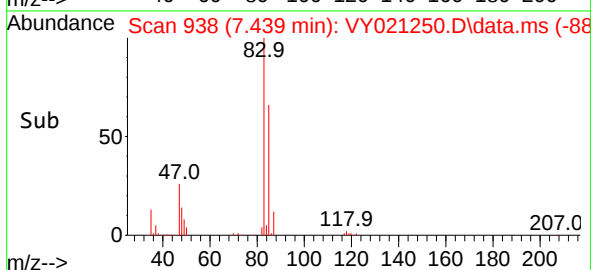
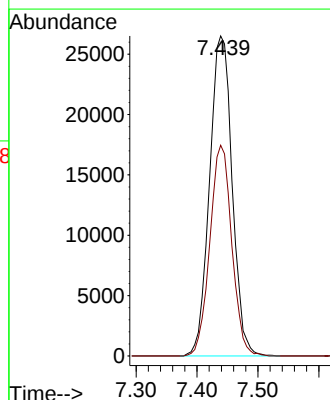
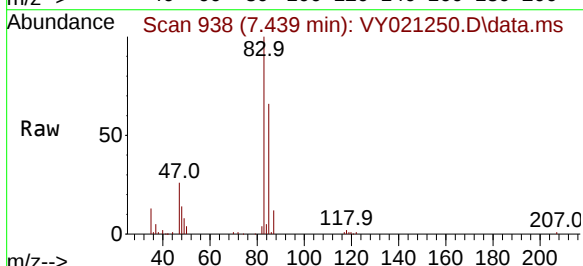
RT: 7.439 min Scan# 938

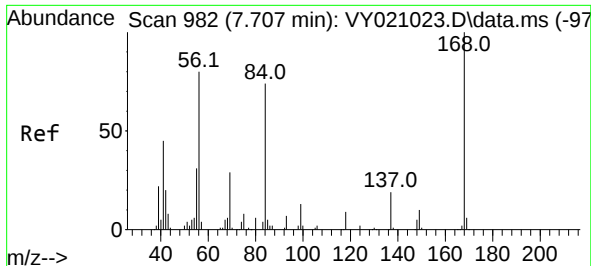
Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

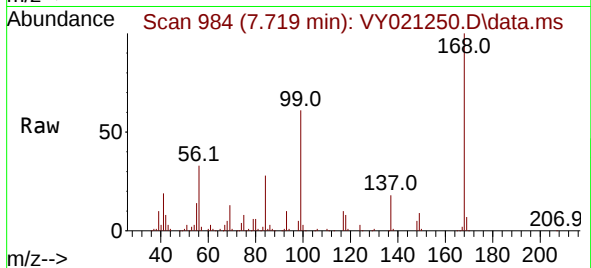
Tgt Ion:	83	Resp:	68259
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.2	76.8





#31
Cyclohexane
Concen: 20.913 ug/l
RT: 7.719 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

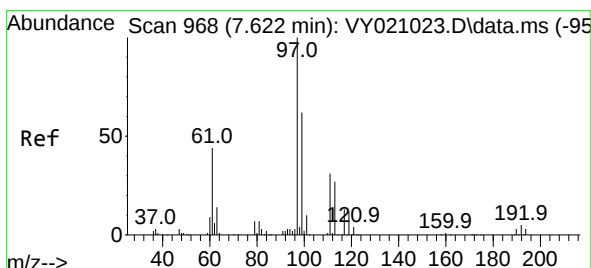
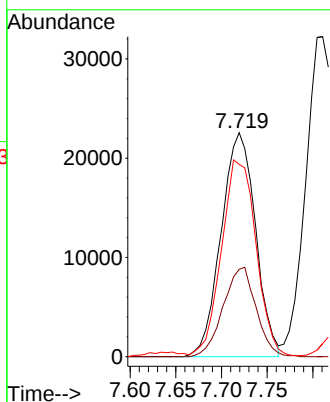
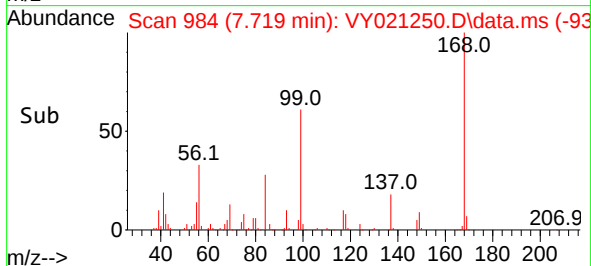
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



Tgt Ion: 56 Resp: 5903
Ion Ratio Lower Upper
56 100
69 39.0 27.0 40.6
84 84.5 71.8 107.6

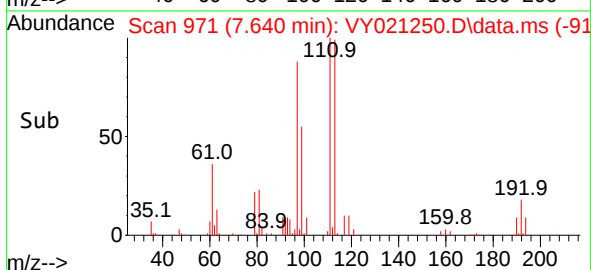
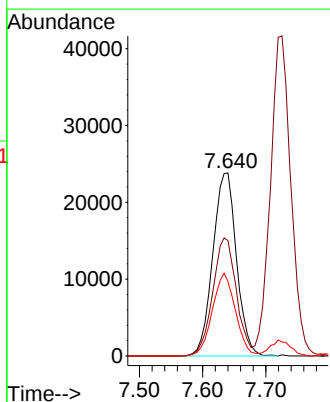
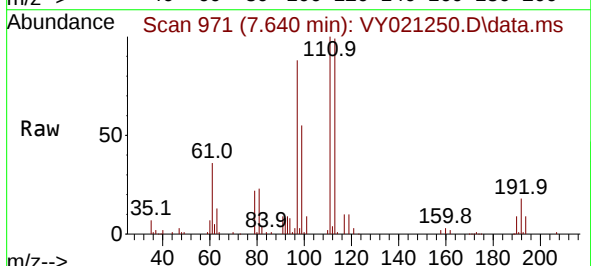
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#32
1,1,1-Trichloroethane
Concen: 20.674 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.018 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 97 Resp: 61890
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 44.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.941 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion: 65 Resp: 8431

Ion Ratio Lower Upper

65 100

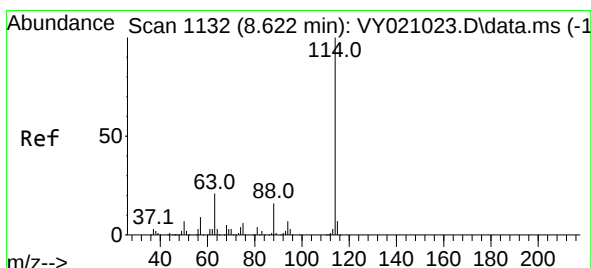
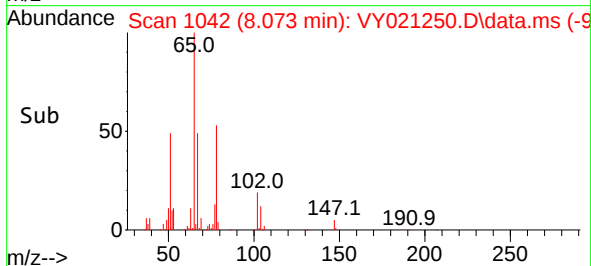
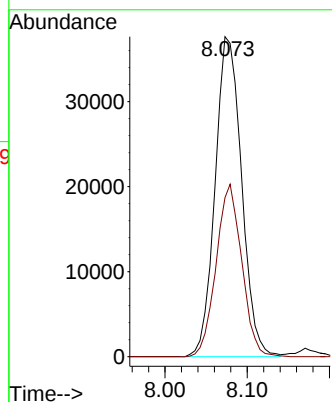
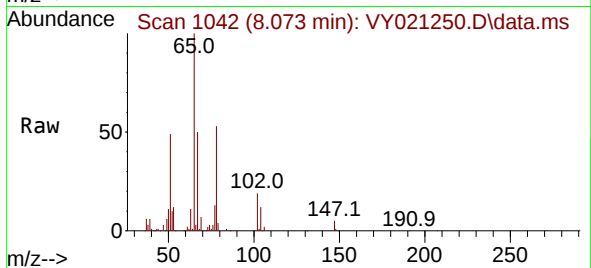
67 52.0 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025

Supervised By :Semsettin Yesilyurt 02/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

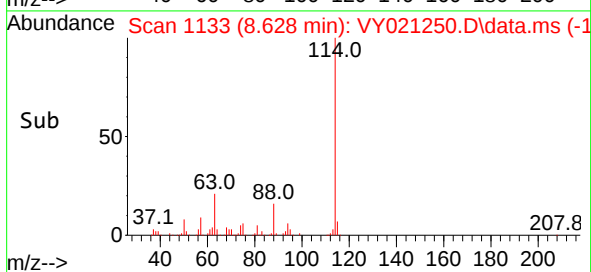
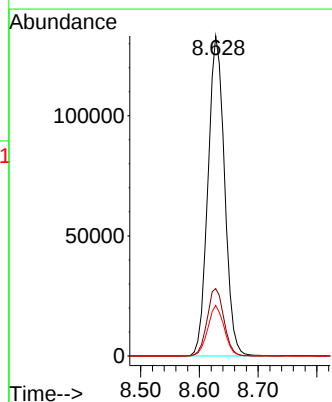
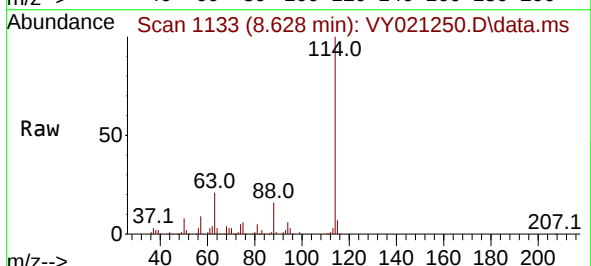
Tgt Ion:114 Resp: 261363

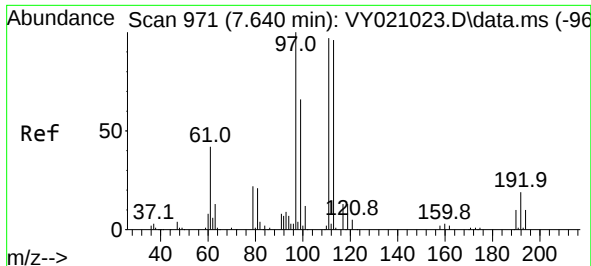
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 15.8 0.0 29.0





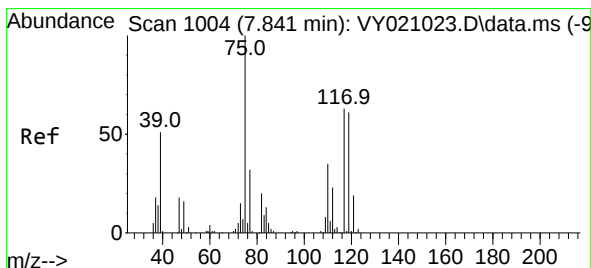
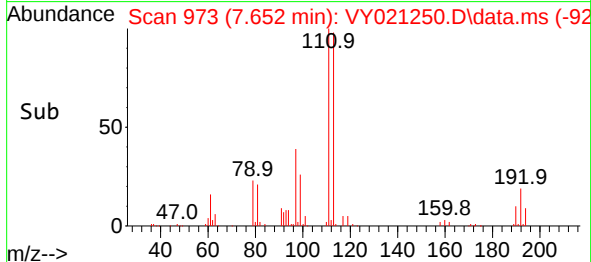
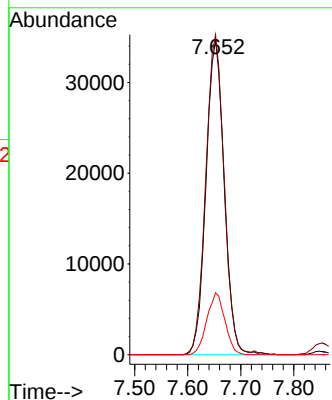
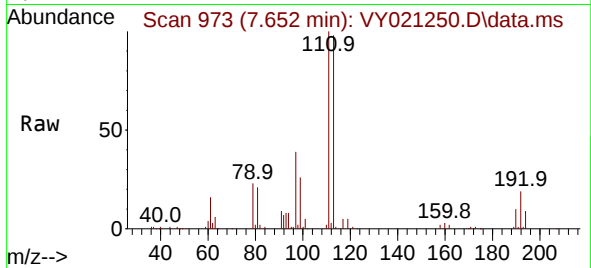
#35
Dibromofluoromethane
Concen: 49.366 ug/l
RT: 7.652 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion:113 Resp: 8268
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 19.5 14.5 21.7

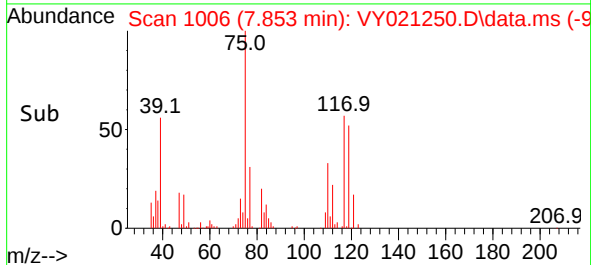
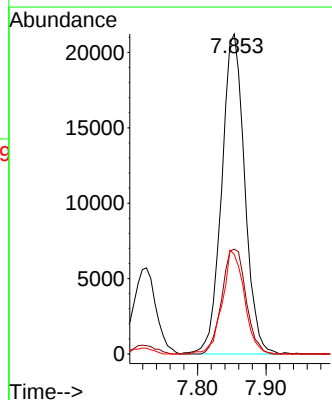
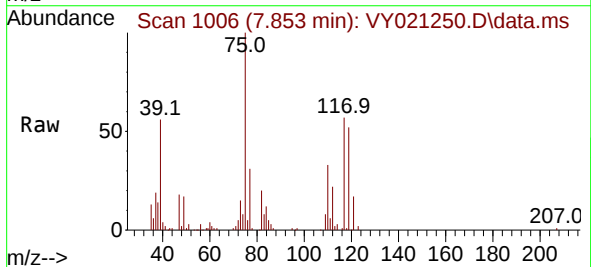
Manual Integrations
APPROVED

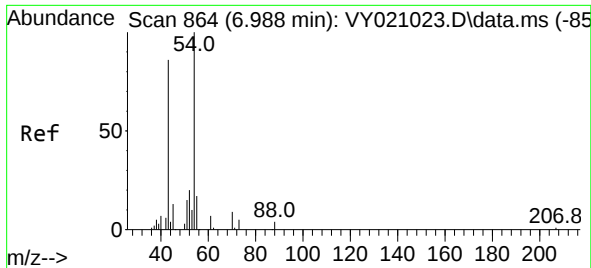
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#36
1,1-Dichloropropene
Concen: 19.889 ug/l
RT: 7.853 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

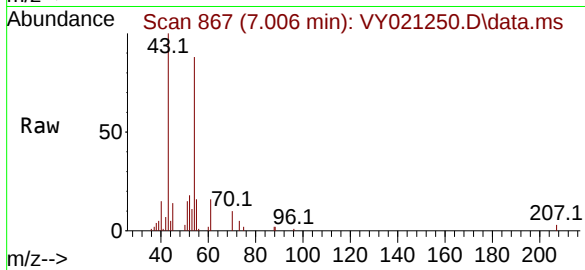
Tgt Ion: 75 Resp: 49344
Ion Ratio Lower Upper
75 100
110 34.3 17.4 52.3
77 31.1 24.7 37.1





#37
Ethyl Acetate
Concen: 18.484 ug/l
RT: 7.006 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

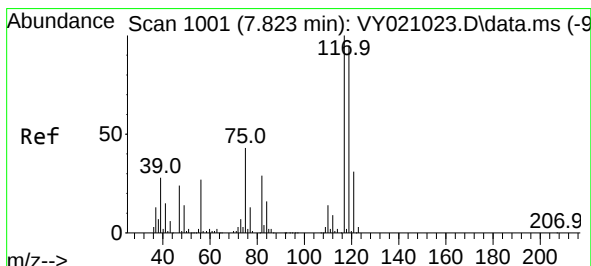
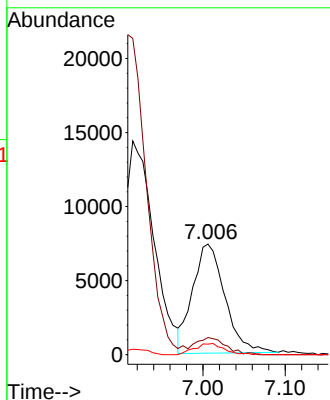
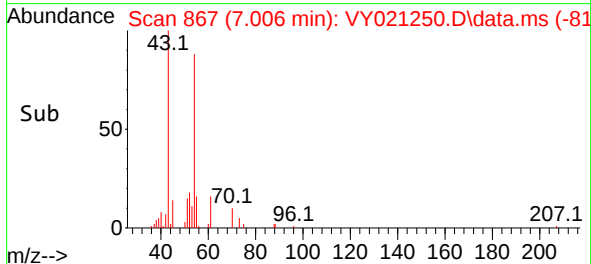
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.6
70 9.4 8.1 12.1

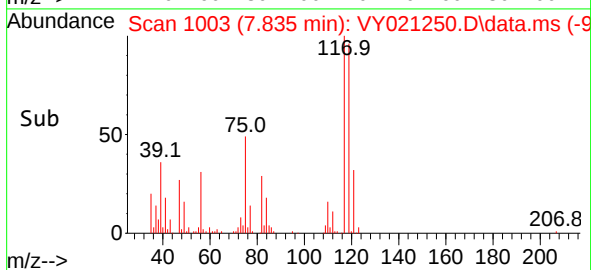
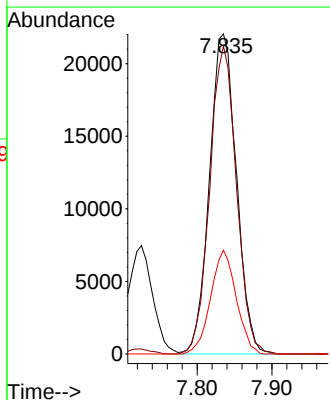
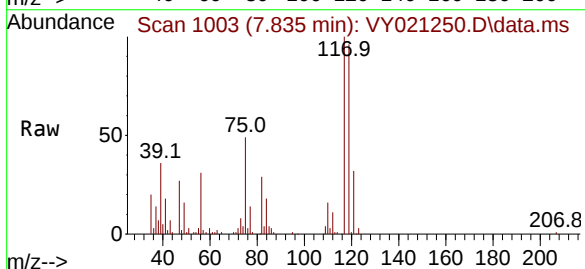
Manual Integrations
APPROVED

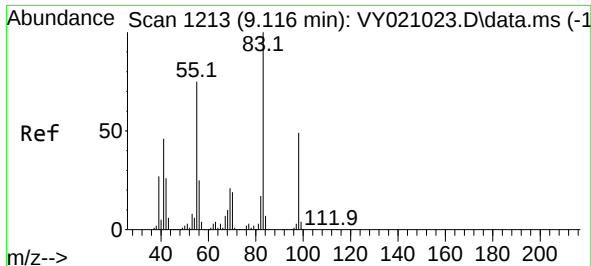
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#38
Carbon Tetrachloride
Concen: 19.117 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:117 Resp: 55417
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0
121 32.5 24.2 36.2





#39

Methylcyclohexane

Concen: 19.472 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

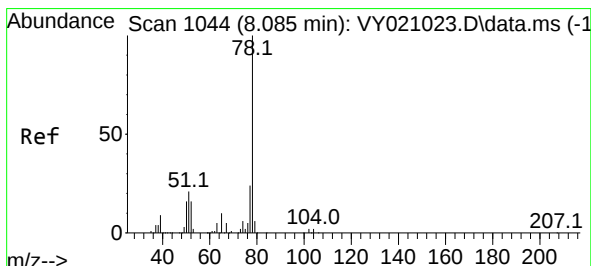
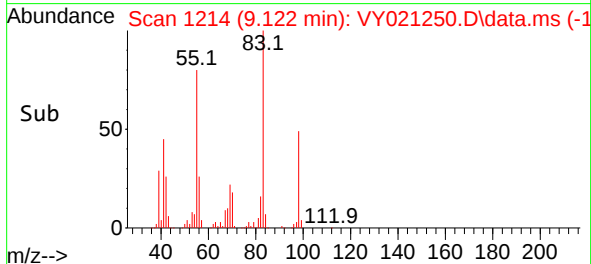
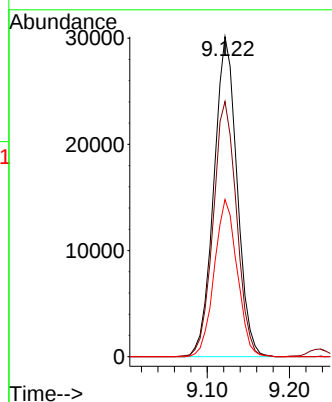
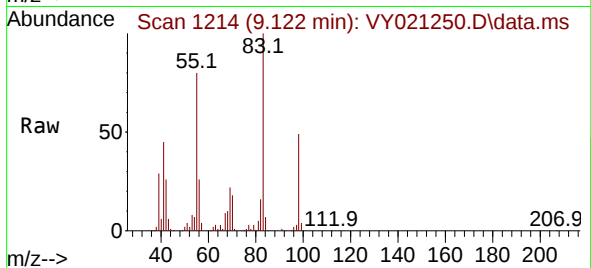
VY0220SBSD01

Tgt Ion: 83	Resp: 59090
Ion Ratio	Lower Upper
83 100	
55 79.8	59.7 89.5
98 49.1	38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#40

Benzene

Concen: 20.431 ug/l

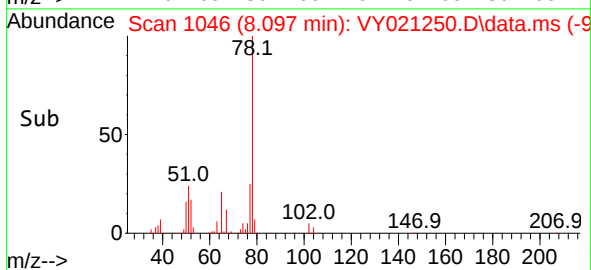
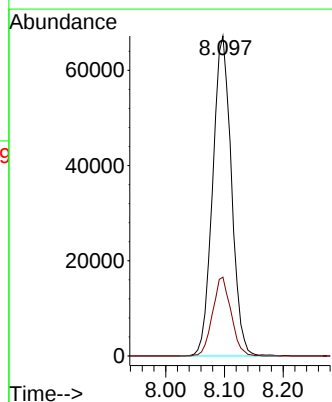
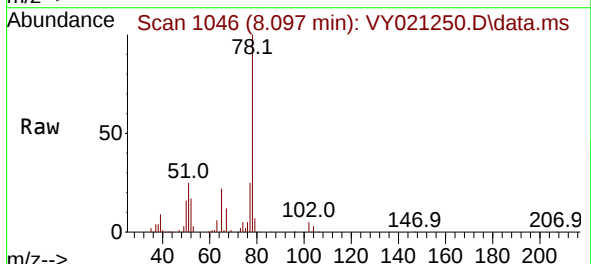
RT: 8.097 min Scan# 1046

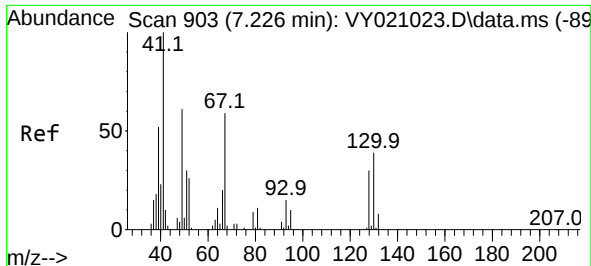
Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

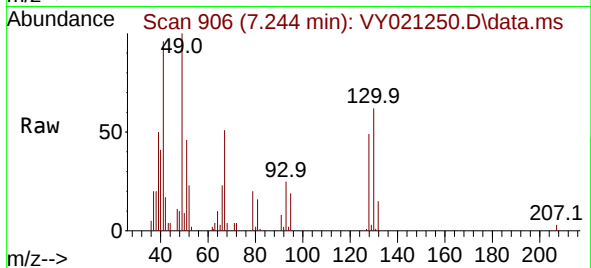
Tgt Ion: 78	Resp: 148751
Ion Ratio	Lower Upper
78 100	
77 24.7	18.8 28.2





#41
Methacrylonitrile
Concen: 17.702 ug/l
RT: 7.244 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

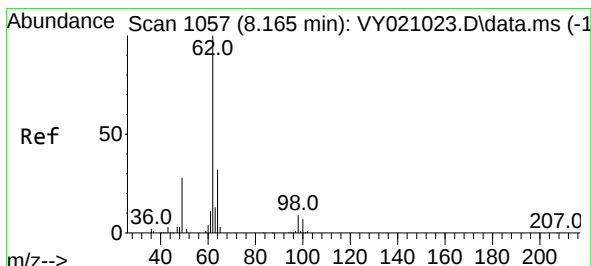
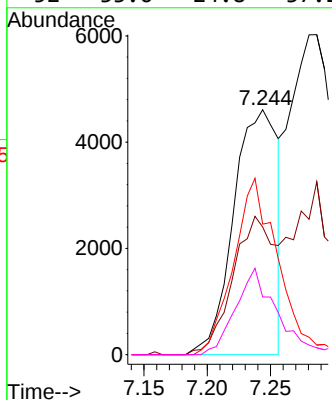
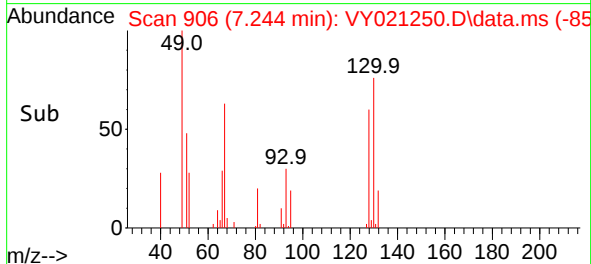
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



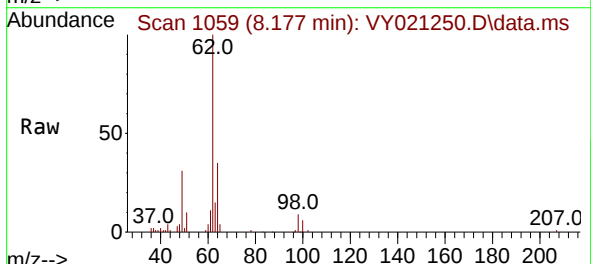
Tgt Ion: 41 Resp: 11140
Ion Ratio Lower Upper
41 100
39 54.4 41.9 62.9
67 73.5 59.8 89.6
52 33.6 24.8 37.2

Manual Integrations
APPROVED

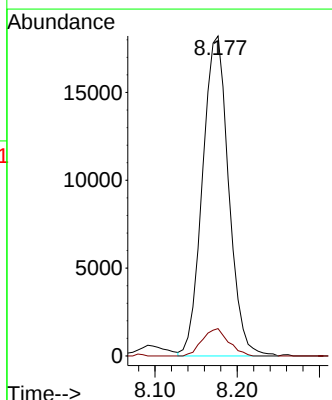
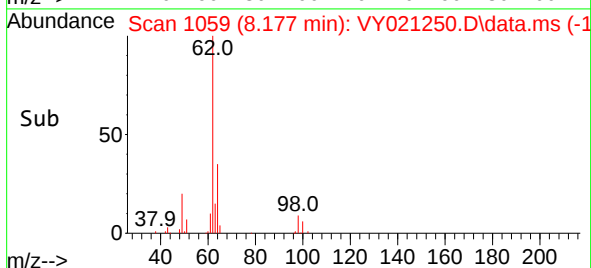
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025

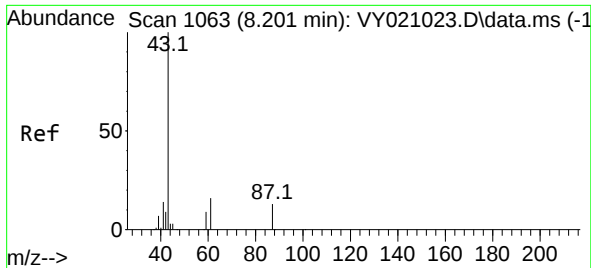


#42
1,2-Dichloroethane
Concen: 19.949 ug/l
RT: 8.177 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27



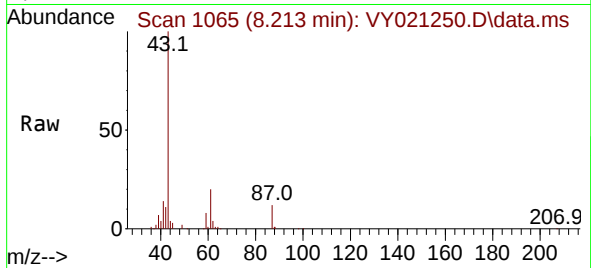
Tgt Ion: 62 Resp: 40291
Ion Ratio Lower Upper
62 100
98 8.6 0.0 20.2





#43
Isopropyl Acetate
Concen: 19.415 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

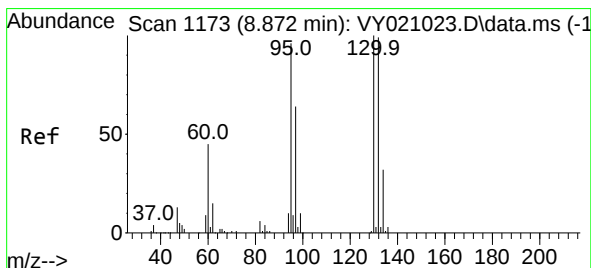
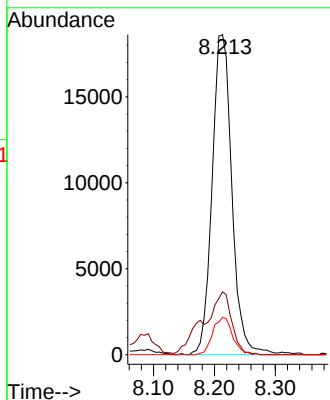
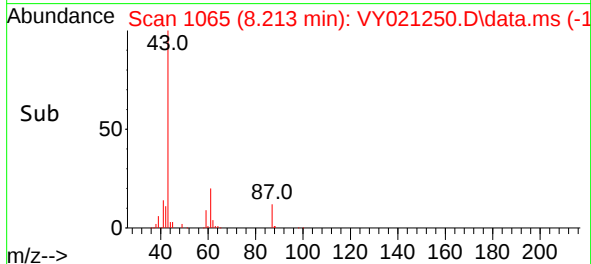
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



Tgt Ion: 43 Resp: 4198
Ion Ratio Lower Upper
43 100
61 19.9 24.8 37.2
87 11.7 10.7 16.1

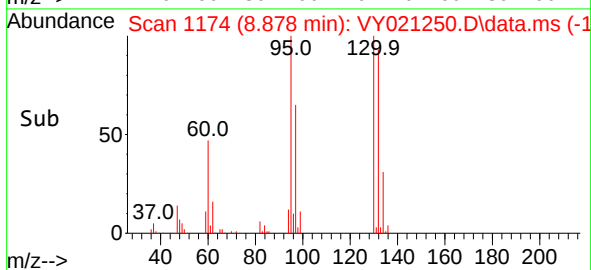
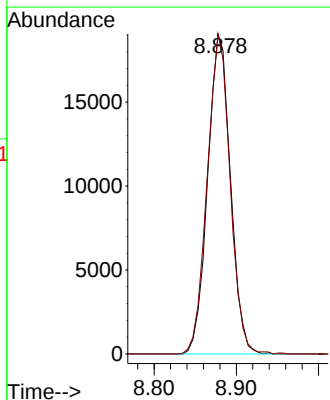
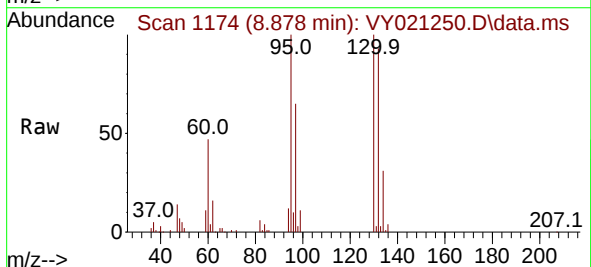
Manual Integrations
APPROVED

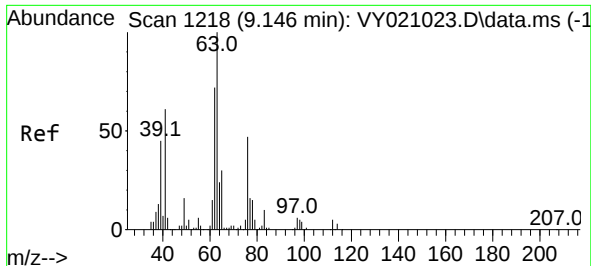
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#44
Trichloroethene
Concen: 19.463 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:130 Resp: 36611
Ion Ratio Lower Upper
130 100
95 100.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.509 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion: 63 Resp: 3544

Ion Ratio Lower Upper

63 100

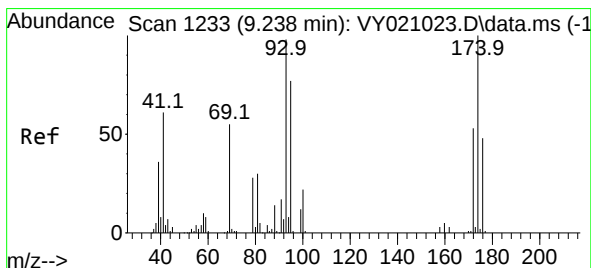
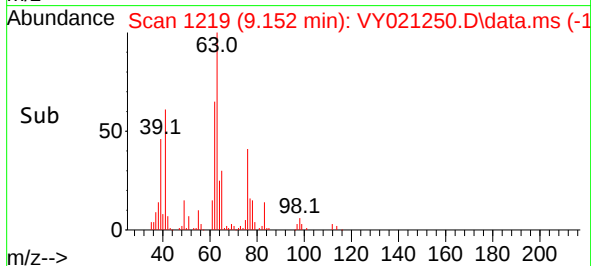
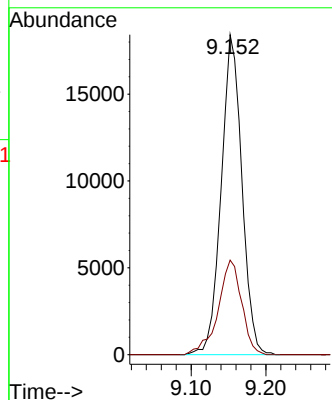
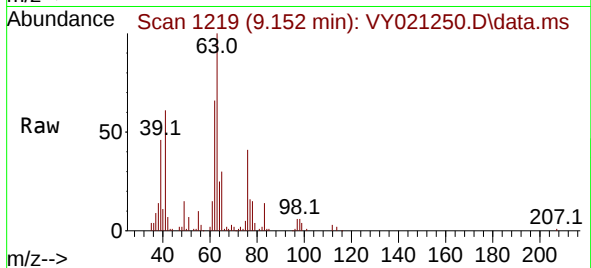
65 29.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025

Supervised By :Semsettin Yesilyurt 02/21/2025



#46

Dibromomethane

Concen: 18.972 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

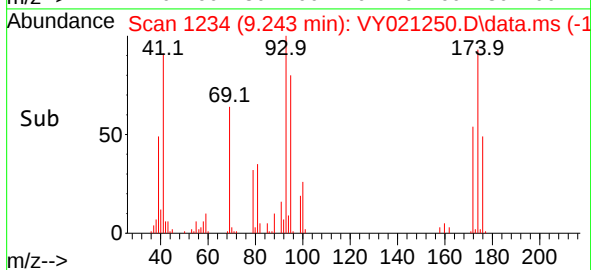
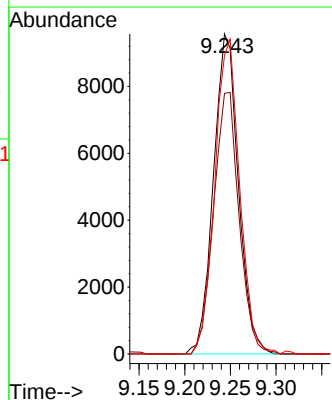
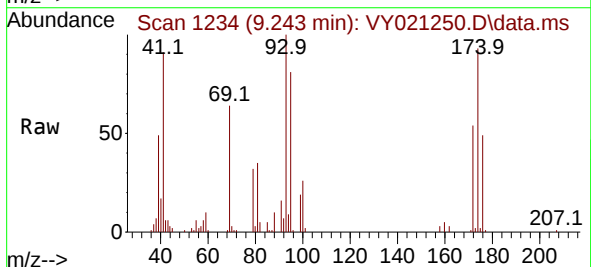
Tgt Ion: 93 Resp: 18152

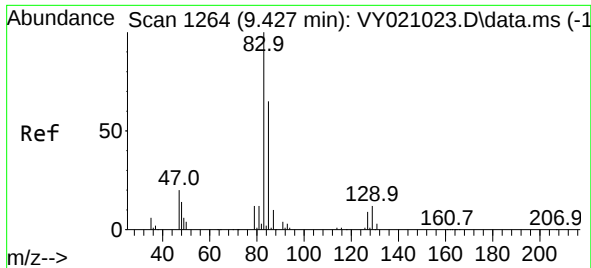
Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 97.9 73.8 110.6





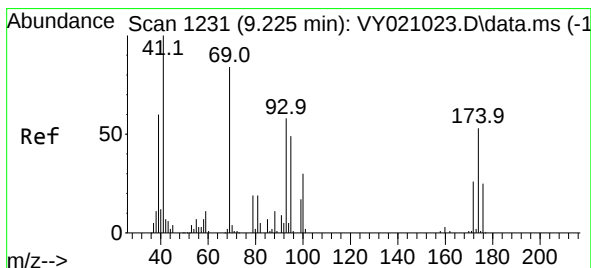
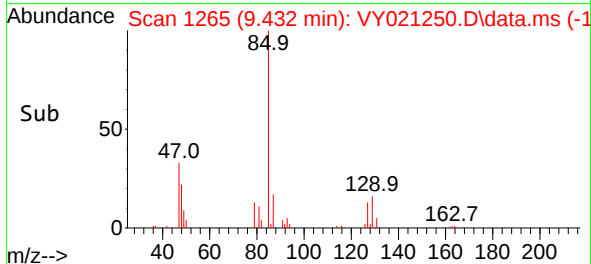
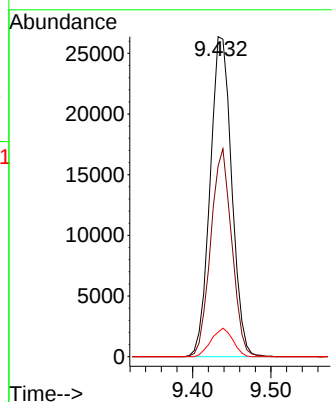
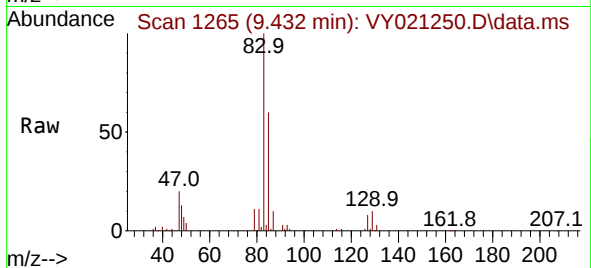
#47
Bromodichloromethane
Concen: 19.661 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01

Tgt Ion: 83 Resp: 5045
Ion Ratio Lower Upper
83 100
85 59.6 53.2 79.8
127 7.7 6.4 9.6

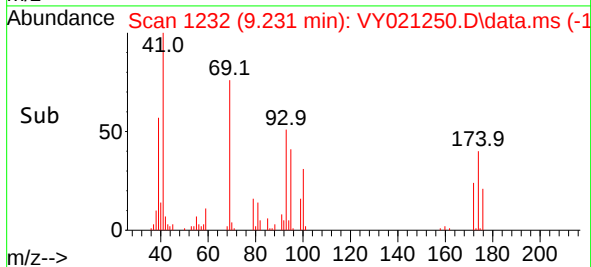
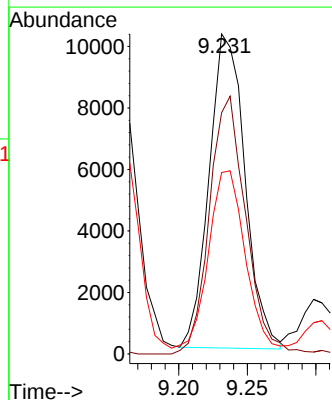
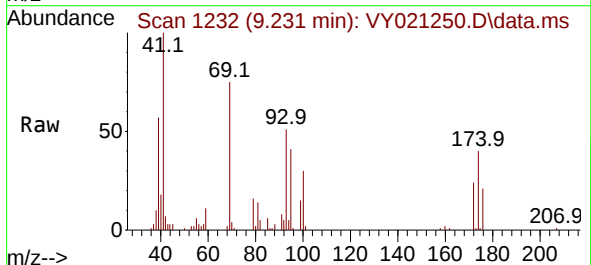
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#48
Methyl methacrylate
Concen: 18.907 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 41 Resp: 18625
Ion Ratio Lower Upper
41 100
69 83.3 72.1 108.1
39 57.2 42.8 64.2





#49

1,4-Dioxane

Concen: 380.146 ug/l

RT: 9.262 min Scan# 1237

Delta R.T. 0.030 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBSD01

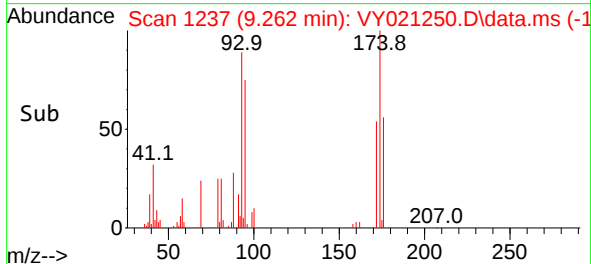
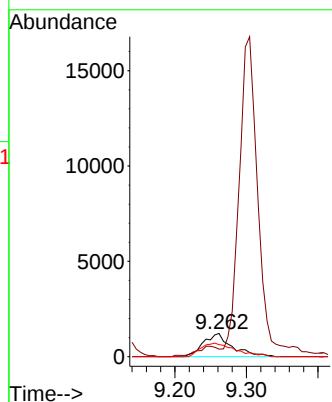
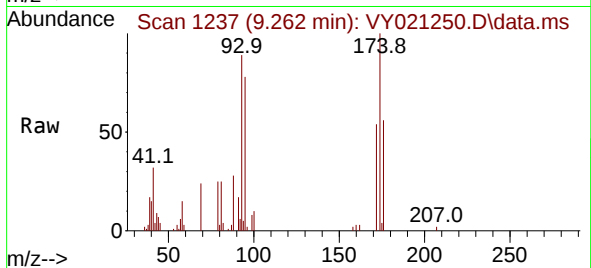
Tgt Ion: 88 Resp: 3380

Ion	Ratio	Lower	Upper
88	100		
43	34.2	28.2	42.4
58	70.7	52.2	78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#50

Toluene-d8

Concen: 48.331 ug/l

RT: 10.121 min Scan# 1378

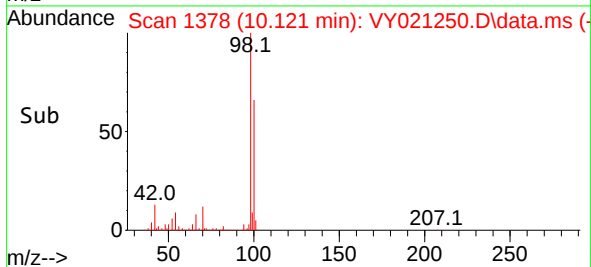
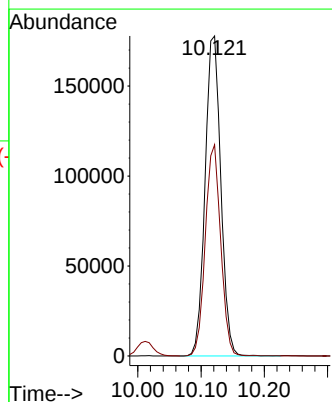
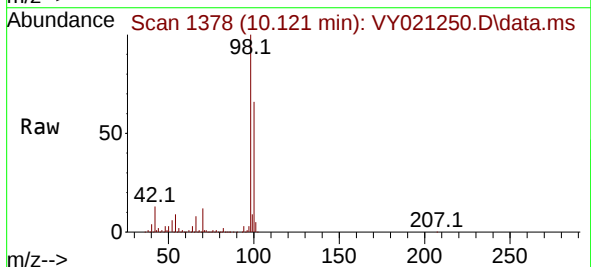
Delta R.T. 0.012 min

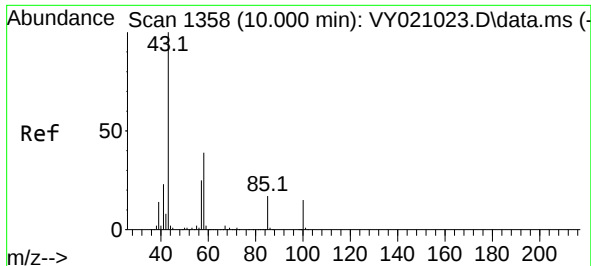
Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Tgt Ion: 98 Resp: 308198

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5





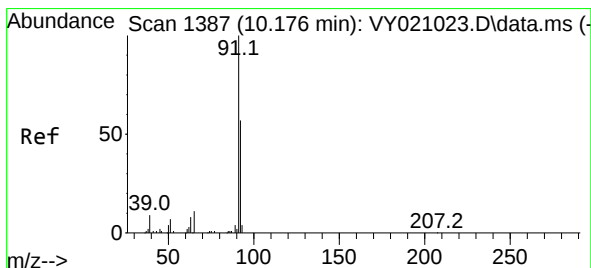
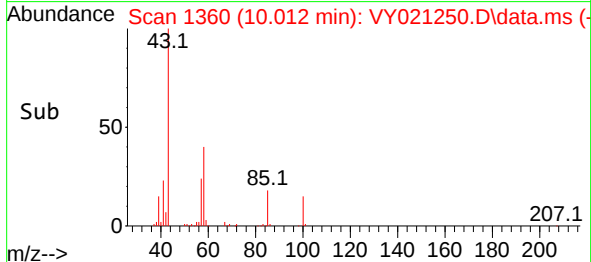
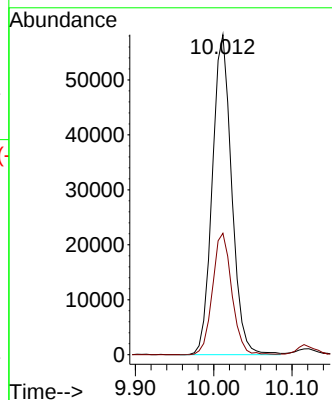
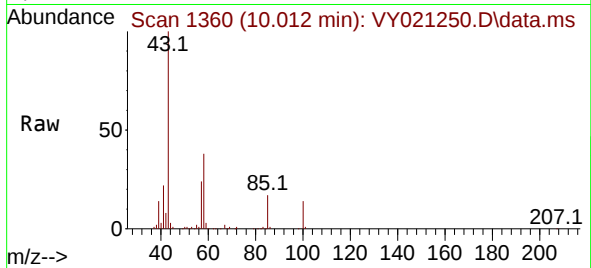
#51
4-Methyl-2-Pentanone
Concen: 91.989 ug/l
RT: 10.012 min Scan# 1358
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion: 43 Resp: 100039
Ion Ratio Lower Upper
43 100
58 37.8 32.2 48.2

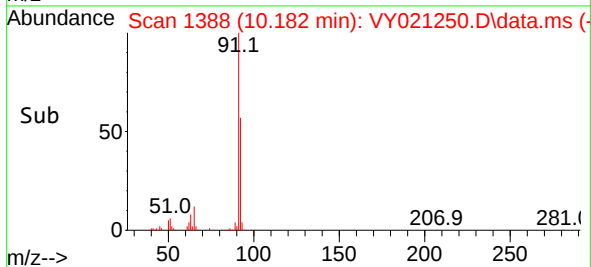
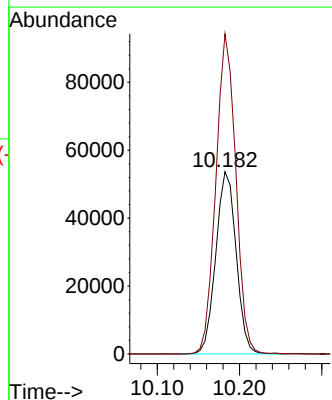
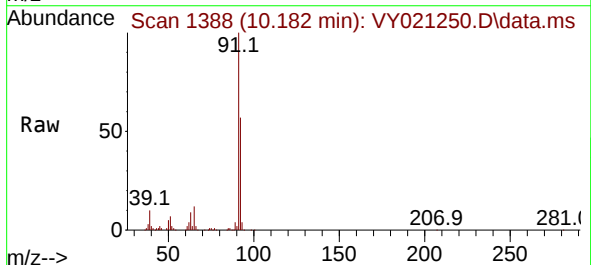
Manual Integrations
APPROVED

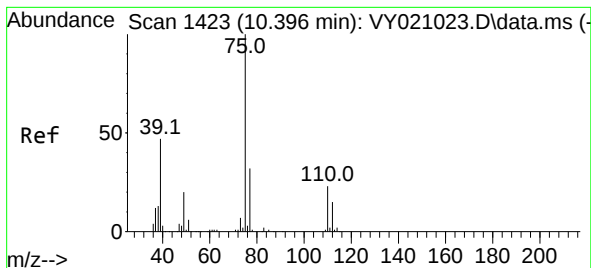
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#52
Toluene
Concen: 20.226 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

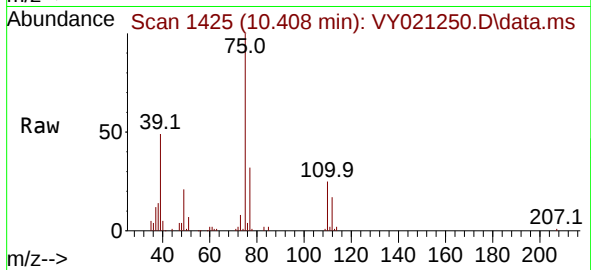
Tgt Ion: 92 Resp: 92464
Ion Ratio Lower Upper
92 100
91 172.4 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 19.005 ug/l
RT: 10.408 min Scan# 1425
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

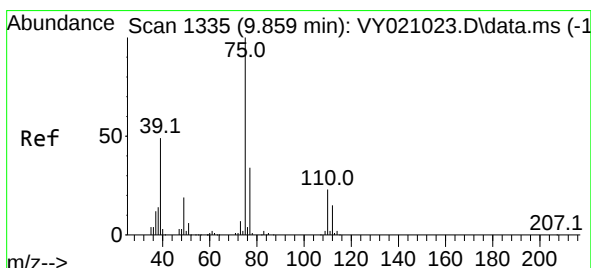
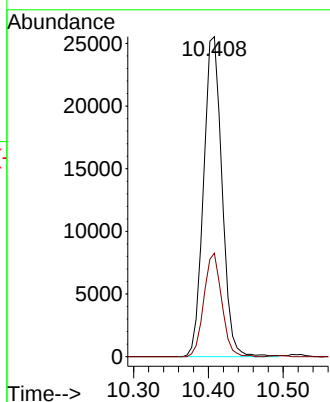
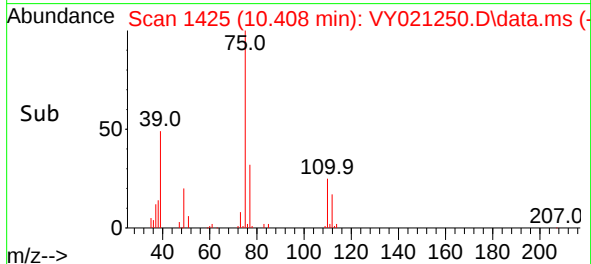
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



Tgt Ion: 75 Resp: 43790
Ion Ratio Lower Upper
75 100
77 32.4 24.6 36.8

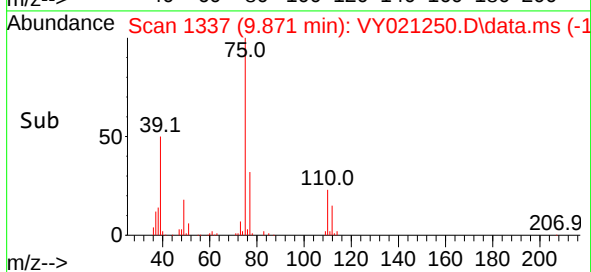
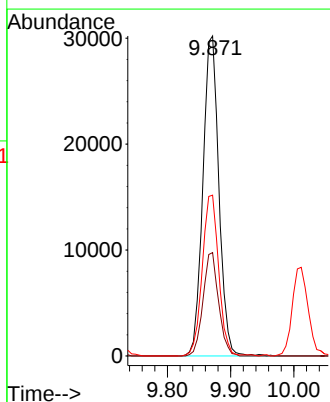
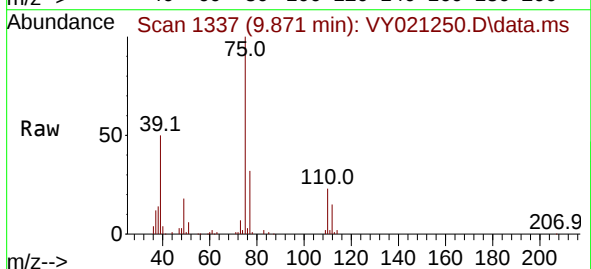
Manual Integrations
APPROVED

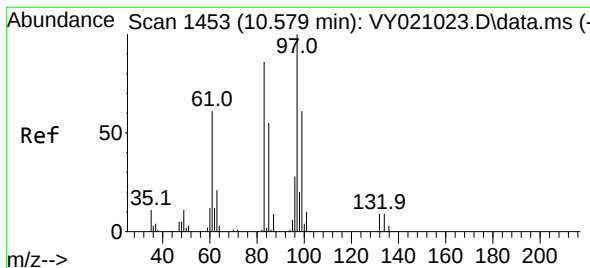
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#54
cis-1,3-Dichloropropene
Concen: 19.528 ug/l
RT: 9.871 min Scan# 1337
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

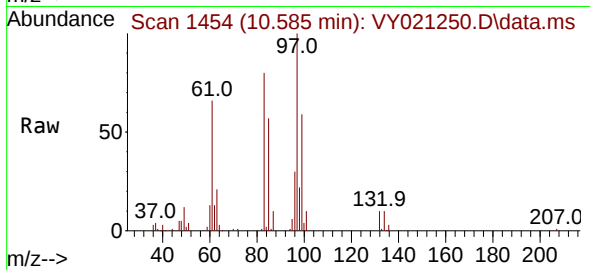
Tgt Ion: 75 Resp: 53275
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8
39 50.2 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 19.512 ug/l
RT: 10.585 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

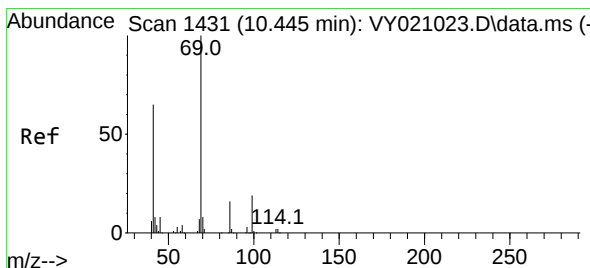
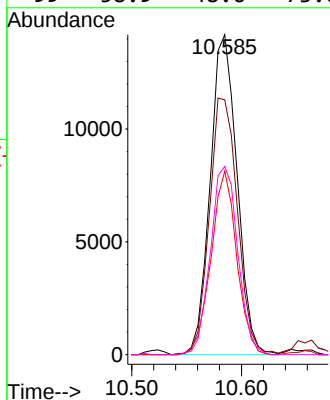
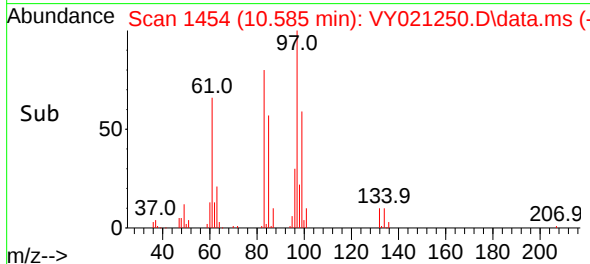
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



Tgt Ion:	97	Resp:	2417
Ion Ratio	100	Lower	Upper
83	79.3	69.4	104.2
85	57.3	43.9	65.9
99	58.9	48.6	73.0

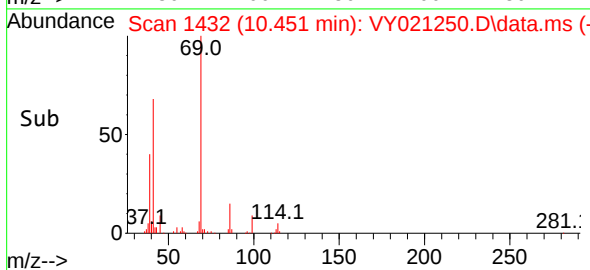
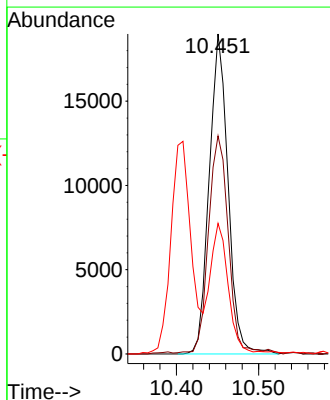
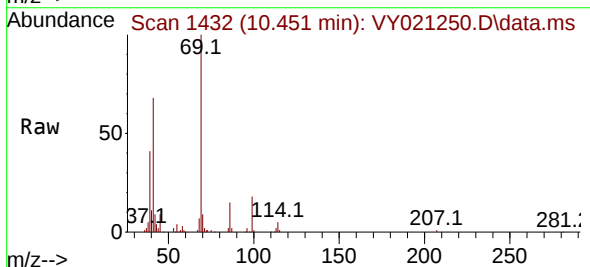
Manual Integrations
APPROVED

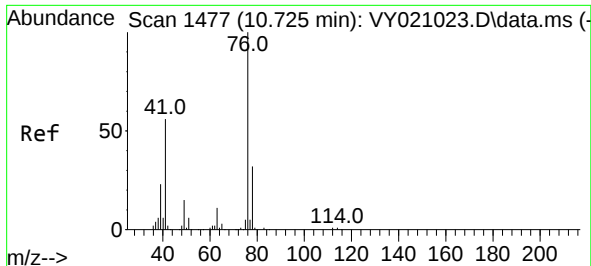
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#56
Ethyl methacrylate
Concen: 18.218 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:	69	Resp:	30197
Ion Ratio	100	Lower	Upper
41	72.4	49.2	73.8
39	38.4	26.8	40.2





#57

1,3-Dichloropropane

Concen: 19.521 ug/l

RT: 10.731 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion: 76 Resp: 4186

Ion Ratio Lower Upper

76 100

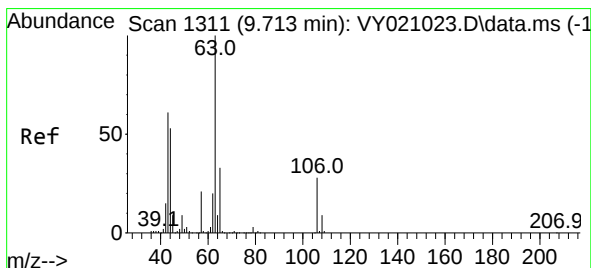
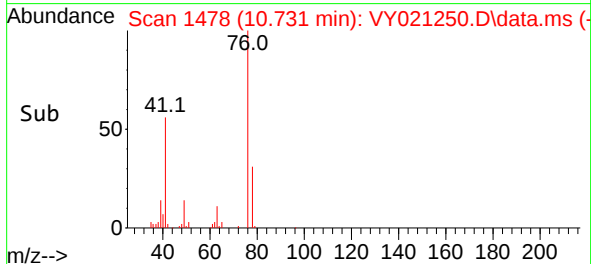
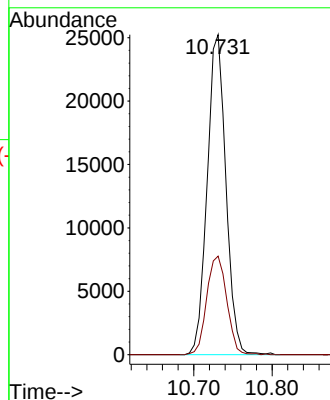
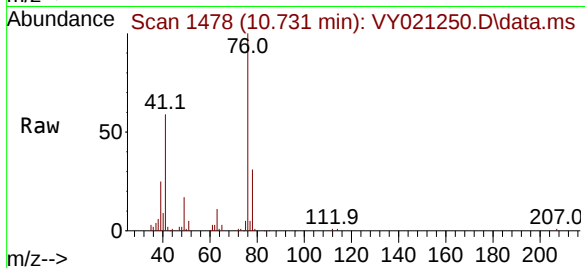
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025

Supervised By :Semsettin Yesilyurt 02/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 87.576 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.012 min

Lab File: VY021250.D

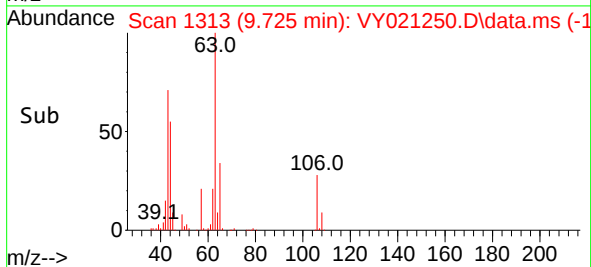
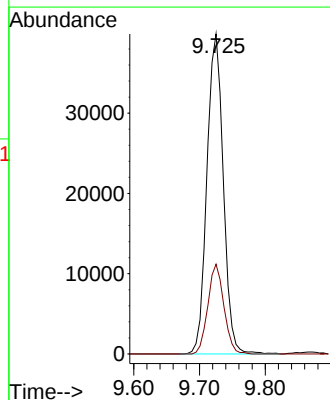
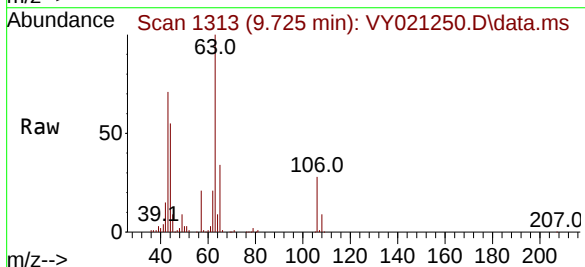
Acq: 20 Feb 2025 15:27

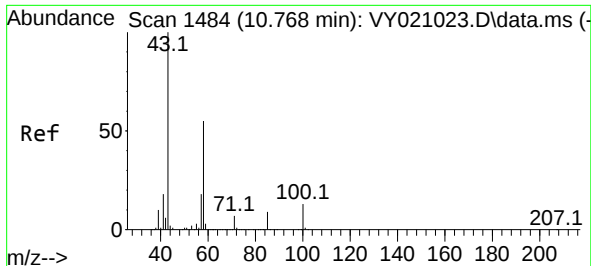
Tgt Ion: 63 Resp: 69058

Ion Ratio Lower Upper

63 100

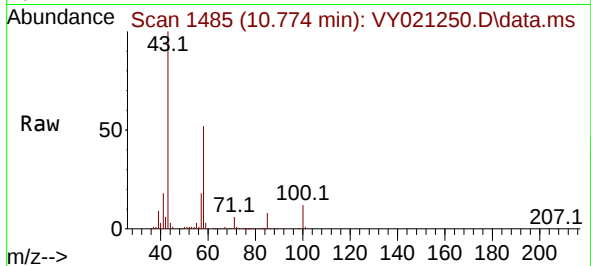
106 27.4 22.4 33.6





#59
2-Hexanone
Concen: 90.488 ug/l
RT: 10.774 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

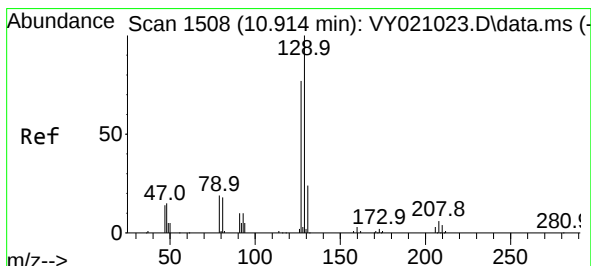
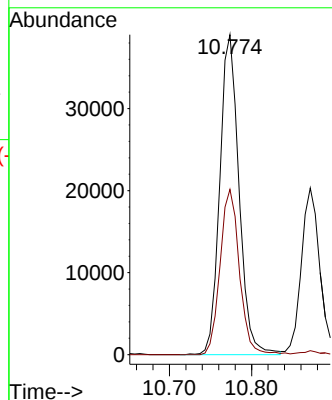
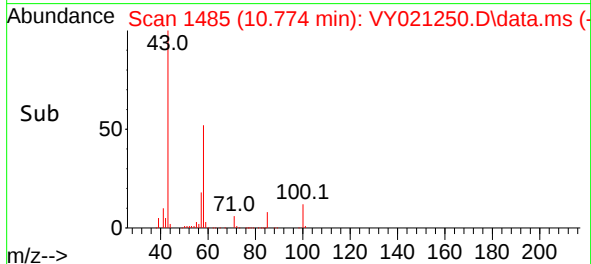
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



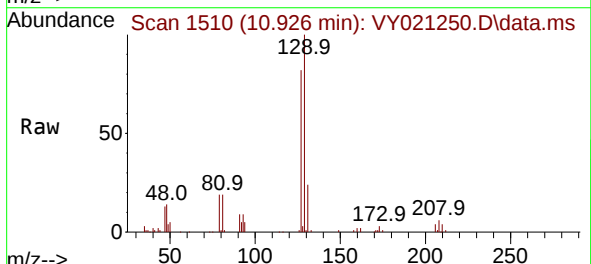
Tgt Ion: 43 Resp: 63360
Ion Ratio Lower Upper
43 100
58 52.0 28.1 84.3

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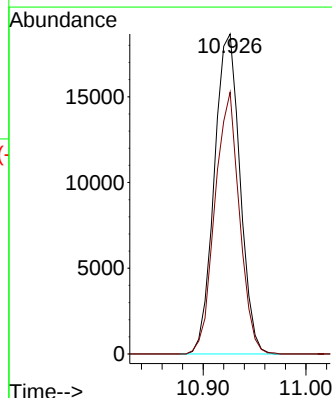
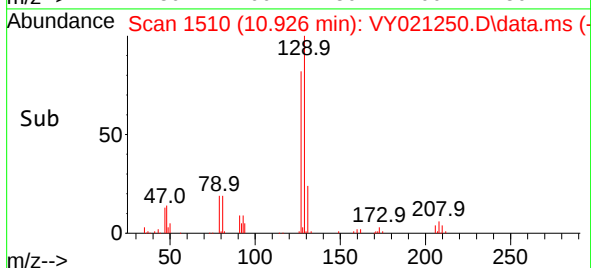
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025

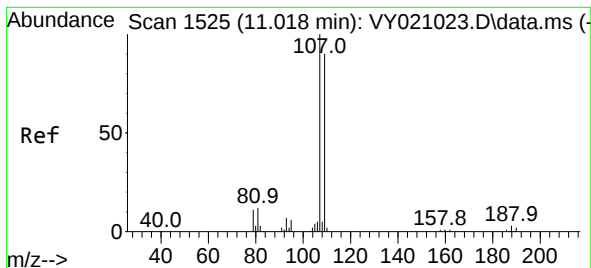


#60
Dibromochloromethane
Concen: 18.638 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27



Tgt Ion:129 Resp: 32430
Ion Ratio Lower Upper
129 100
127 78.1 39.2 117.6





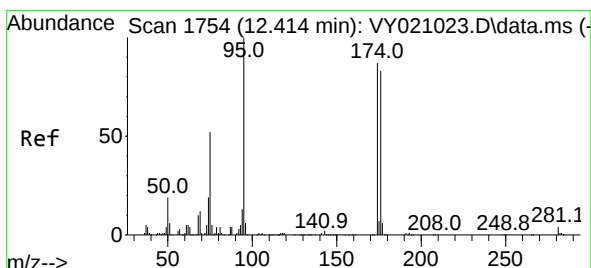
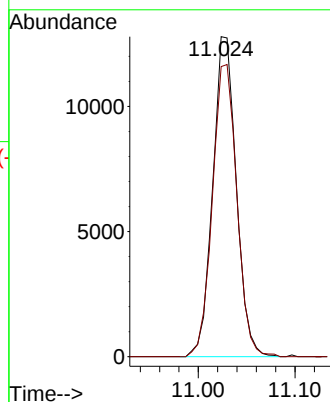
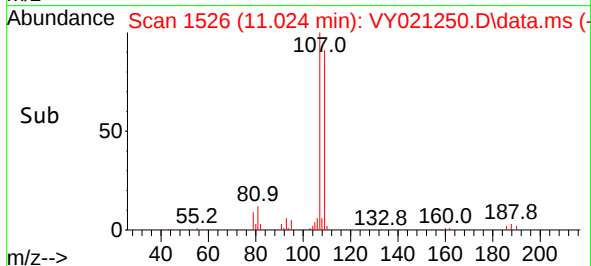
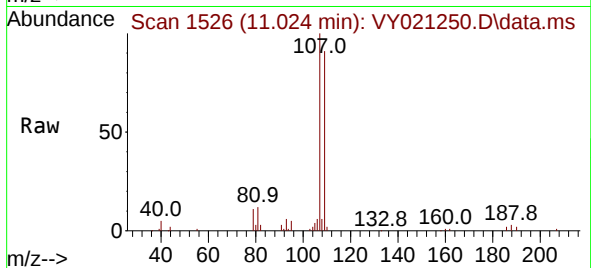
#61
1,2-Dibromoethane
Concen: 18.602 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion:107 Resp: 21588
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2

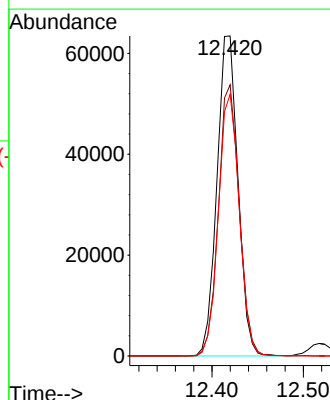
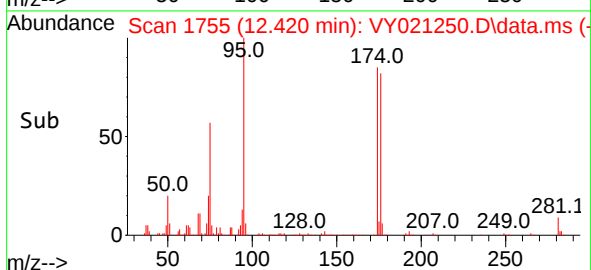
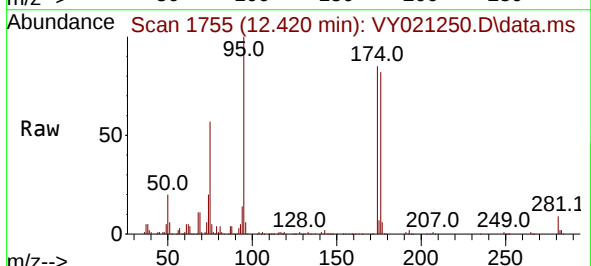
Manual Integrations
APPROVED

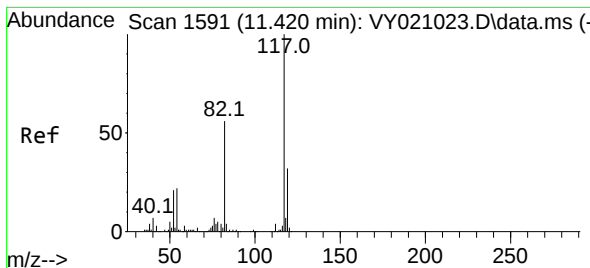
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#62
4-Bromofluorobenzene
Concen: 48.770 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

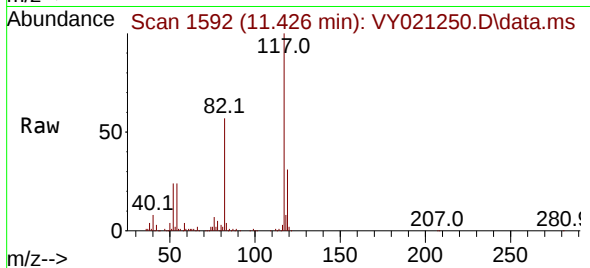
Tgt Ion: 95 Resp: 101602
Ion Ratio Lower Upper
95 100
174 83.7 0.0 160.0
176 81.0 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

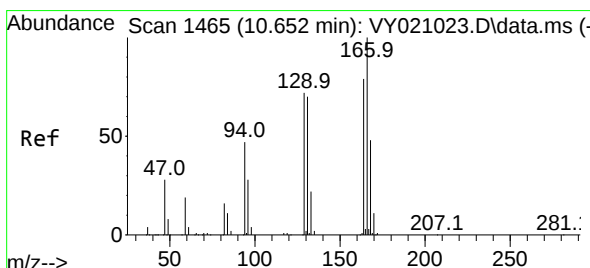
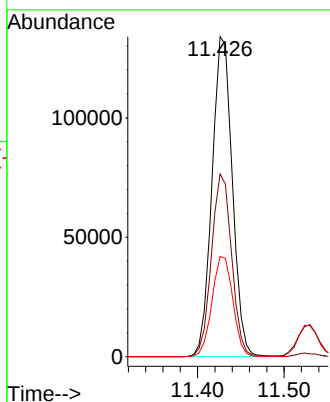
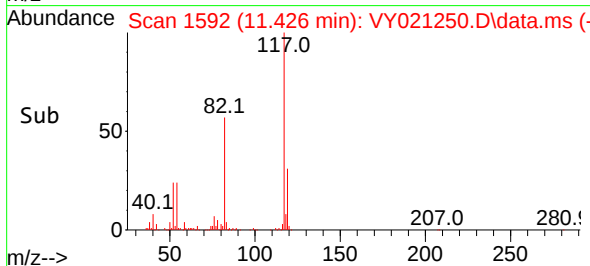
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



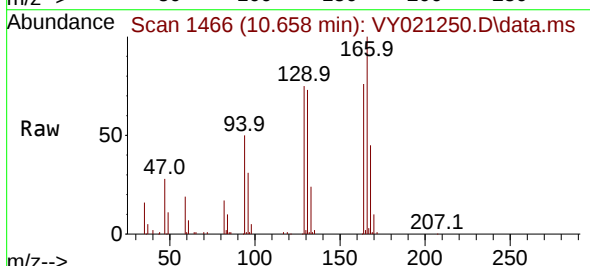
Tgt Ion:117 Resp: 218672
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.8
119 31.3 26.5 39.7

Manual Integrations
APPROVED

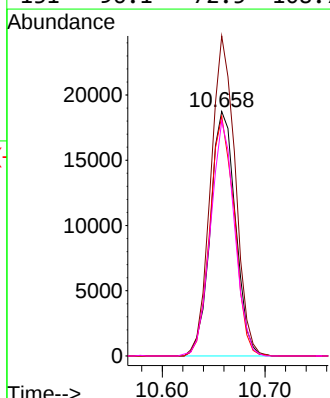
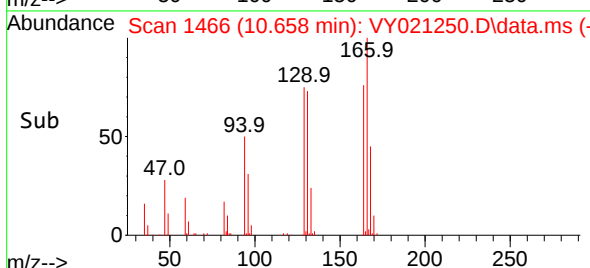
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025

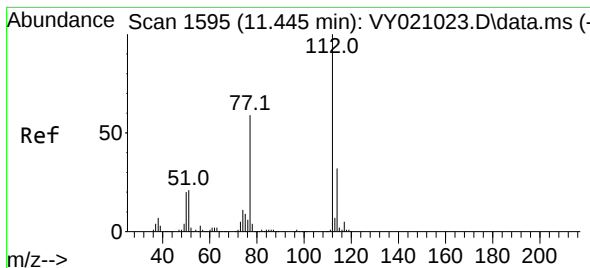


#64
Tetrachloroethene
Concen: 19.500 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27



Tgt Ion:164 Resp: 31654
Ion Ratio Lower Upper
164 100
166 130.9 98.8 148.2
129 98.0 78.9 118.3
131 96.1 72.5 108.7





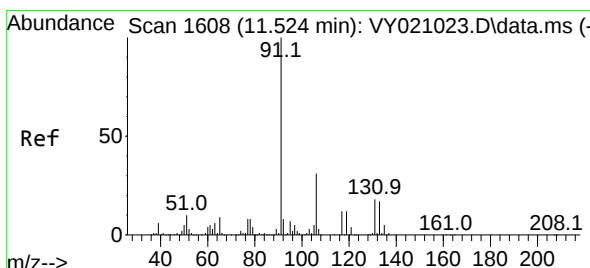
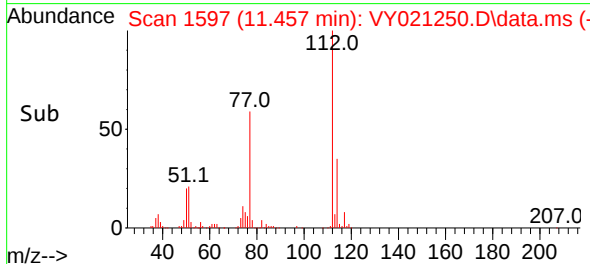
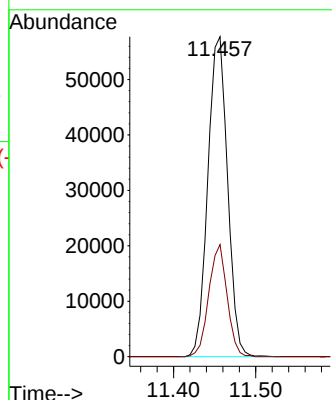
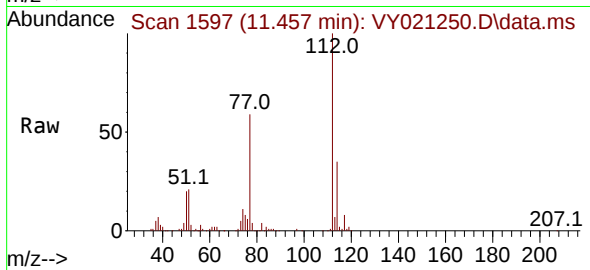
#65
Chlorobenzene
Concen: 19.739 ug/l
RT: 11.457 min Scan# 11457
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01

Tgt Ion:112 Resp: 96110
Ion Ratio Lower Upper
112 100
114 35.0 26.1 39.1

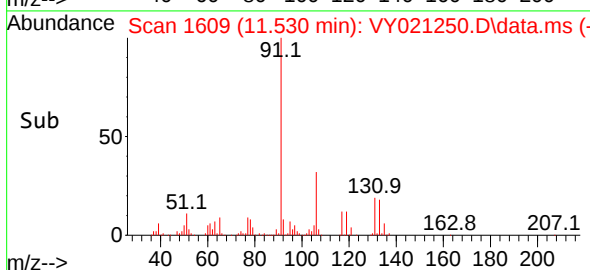
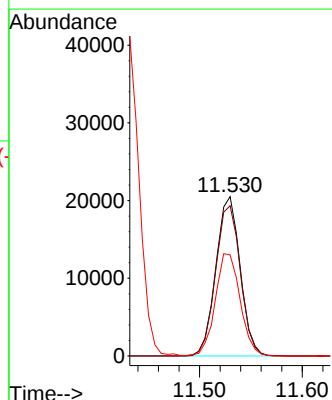
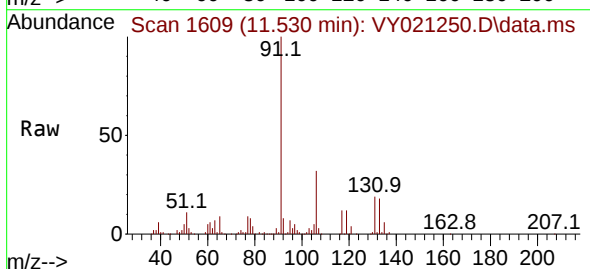
Manual Integrations
APPROVED

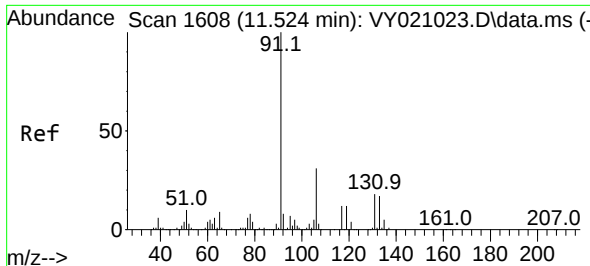
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.410 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:131 Resp: 33586
Ion Ratio Lower Upper
131 100
133 96.5 47.0 141.0
119 65.6 33.3 99.9





#67

Ethyl Benzene

Concen: 19.749 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion: 91 Resp: 170084

Ion Ratio Lower Upper

91 100

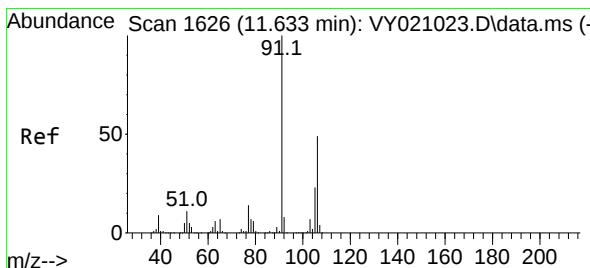
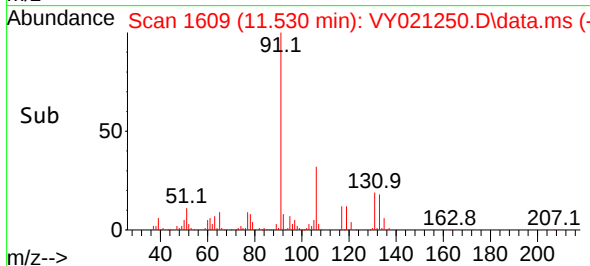
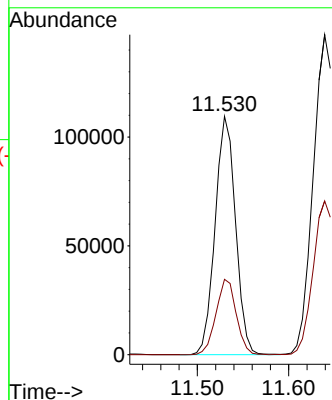
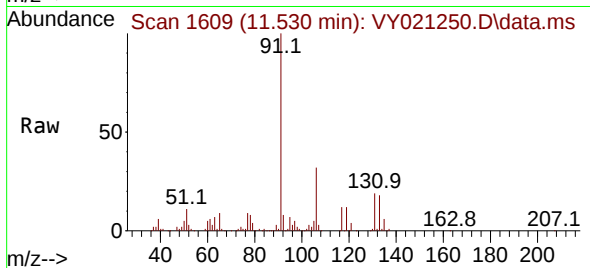
106 31.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025

Supervised By :Semsettin Yesilyurt 02/21/2025



#68

m/p-Xylenes

Concen: 40.223 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021250.D

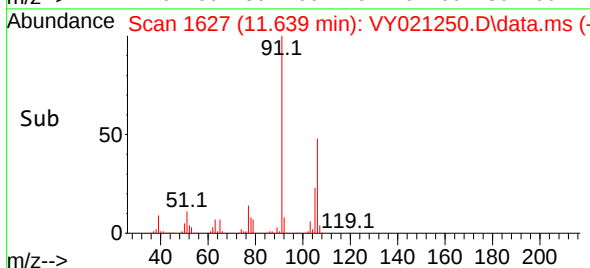
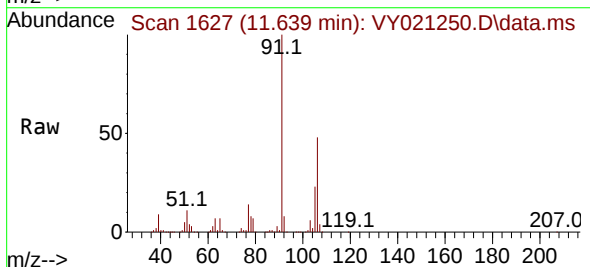
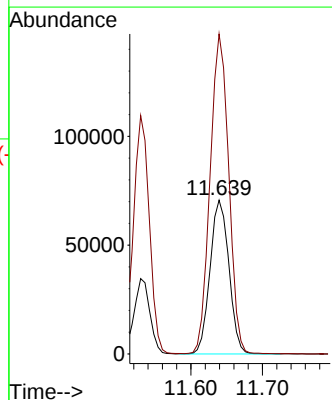
Acq: 20 Feb 2025 15:27

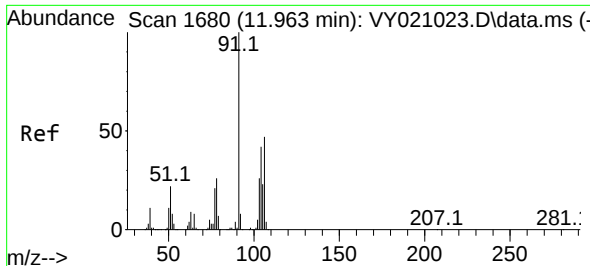
Tgt Ion:106 Resp: 129589

Ion Ratio Lower Upper

106 100

91 205.4 160.7 241.1





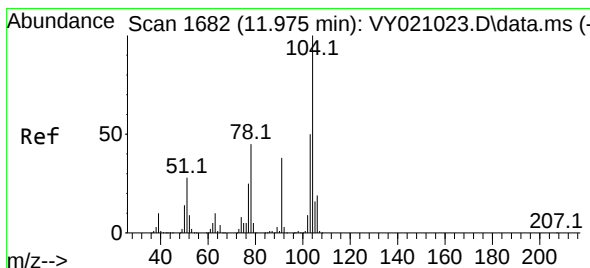
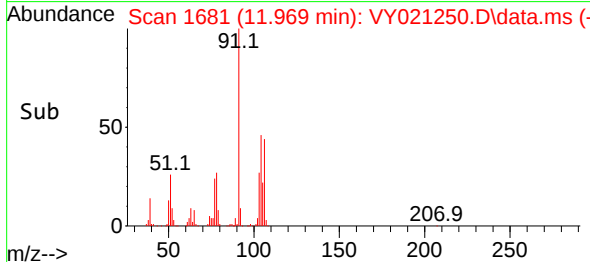
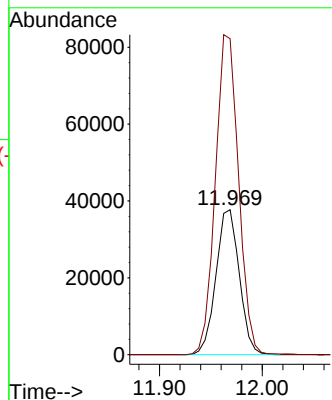
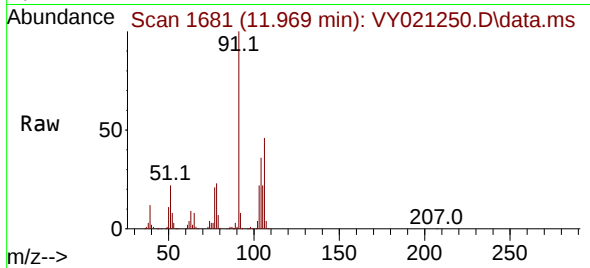
#69
o-Xylene
Concen: 19.781 ug/l
RT: 11.969 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01

Tgt Ion:106 Resp: 59410
Ion Ratio Lower Upper
106 100
91 219.9 106.5 319.5

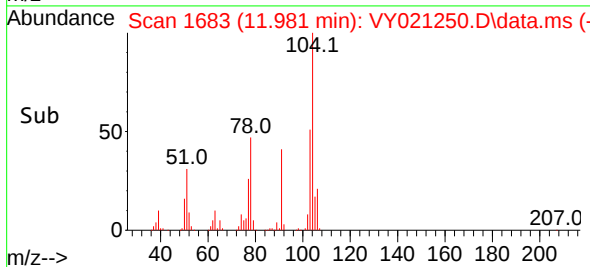
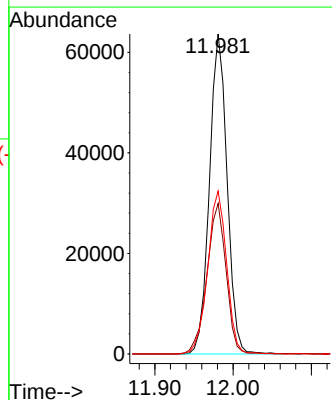
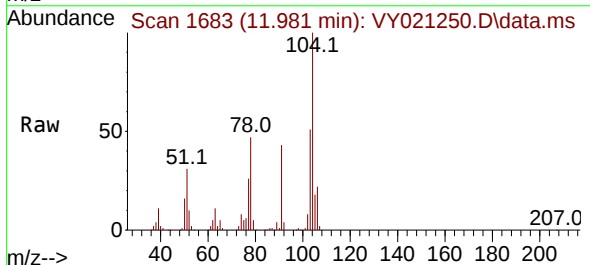
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#70
Styrene
Concen: 19.883 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:104 Resp: 99544
Ion Ratio Lower Upper
104 100
78 51.1 39.2 58.8
103 54.6 43.8 65.6





#71

Bromoform

Concen: 18.147 ug/l

RT: 12.145 min Scan# 1708

Delta R.T. 0.012 min

Lab File: VY021250.D

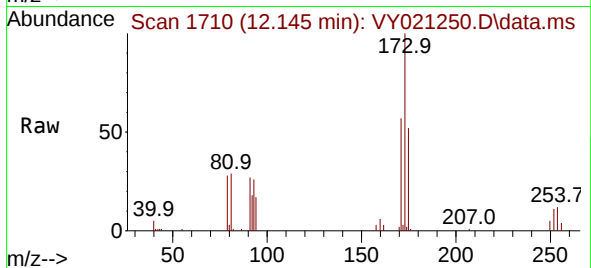
Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01



Tgt Ion:173 Resp: 17478

Ion Ratio Lower Upper

173 100

175 49.3 23.5 70.6

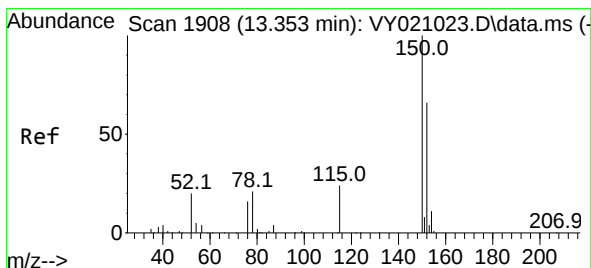
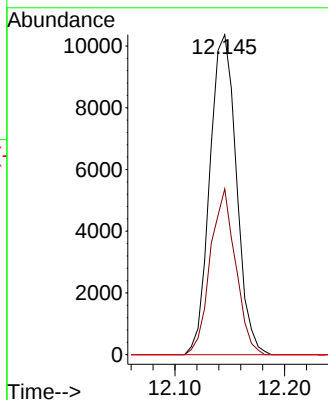
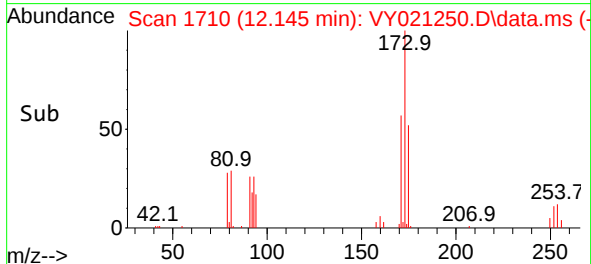
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025

Supervised By :Semsettin Yesilyurt 02/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

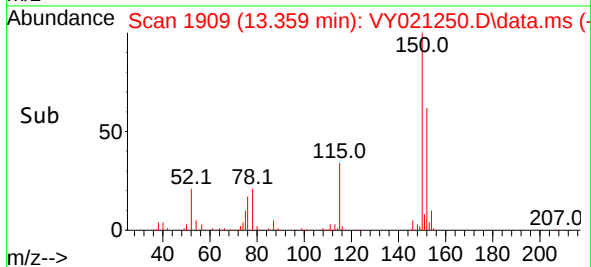
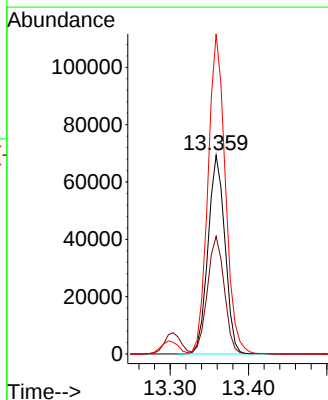
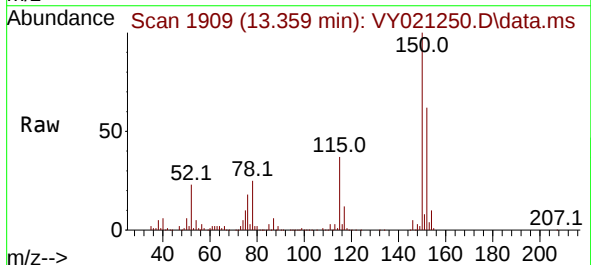
Tgt Ion:152 Resp: 103741

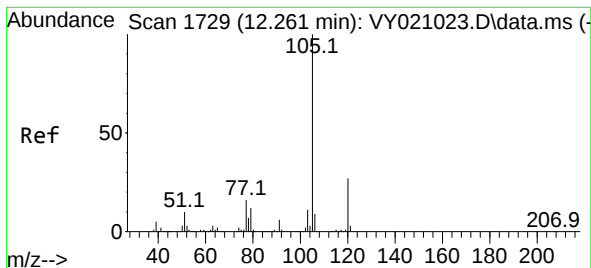
Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 165.7 0.0 344.6





#73

Isopropylbenzene

Concen: 19.850 ug/l

RT: 12.267 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion:105 Resp: 16085

Ion Ratio Lower Upper

105 100

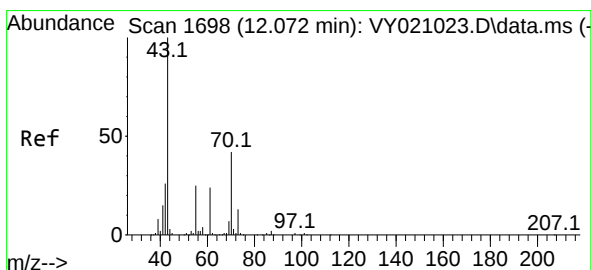
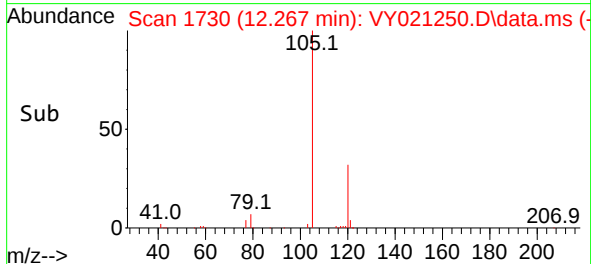
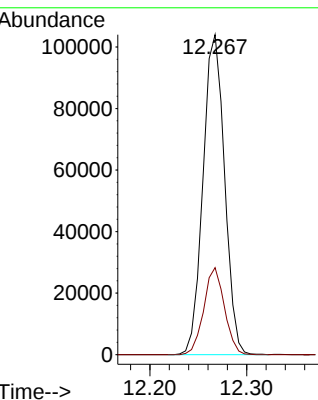
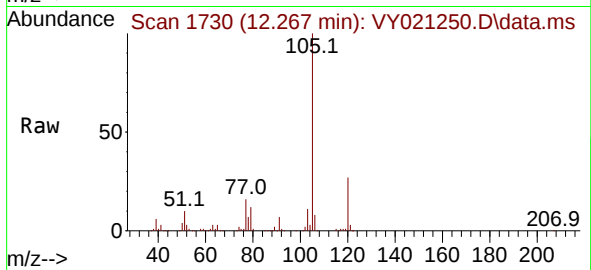
120 26.0 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025

Supervised By :Semsettin Yesilyurt 02/21/2025



#74

N-ethyl acetate

Concen: 18.494 ug/l

RT: 12.084 min Scan# 1700

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Tgt Ion: 43 Resp: 32765

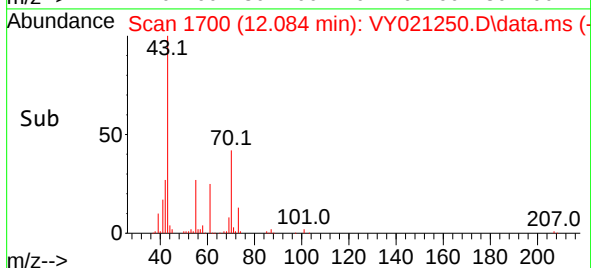
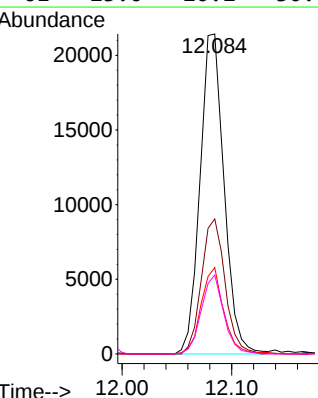
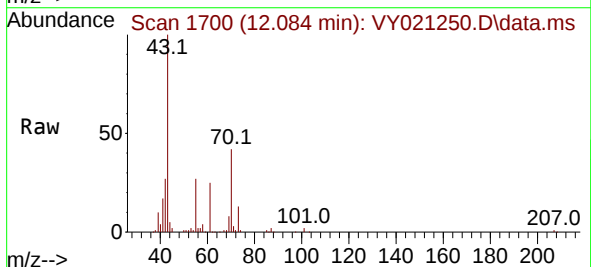
Ion Ratio Lower Upper

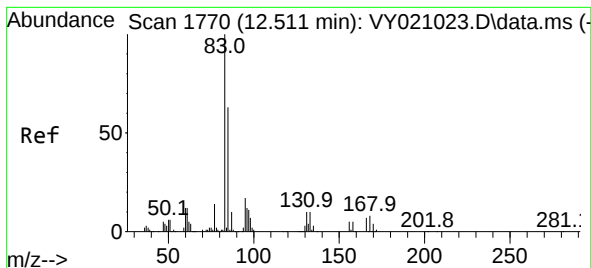
43 100

70 41.5 36.6 55.0

55 25.5 22.2 33.4

61 23.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.895 ug/l

RT: 12.517 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

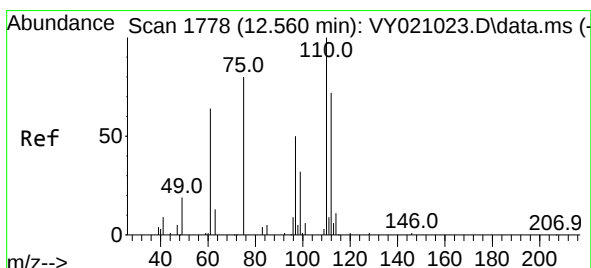
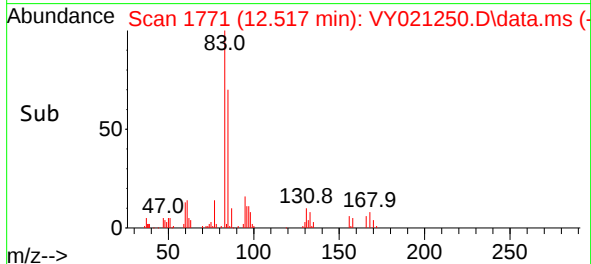
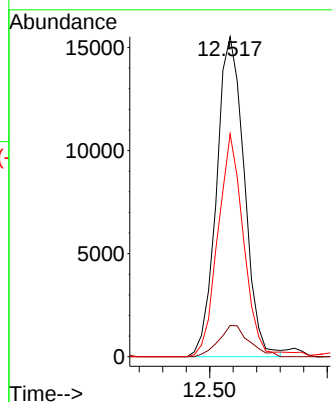
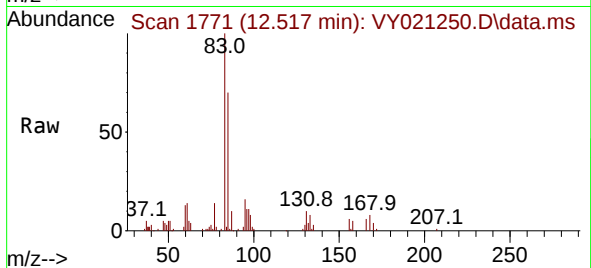
VY0220SBS01

Tgt Ion:	83	Resp:	2546
Ion Ratio	100	Lower	Upper
83	10.7	4.9	14.6
131	65.3	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#76

1,2,3-Trichloropropane

Concen: 19.877 ug/l m

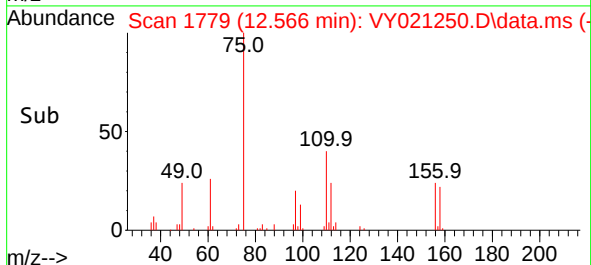
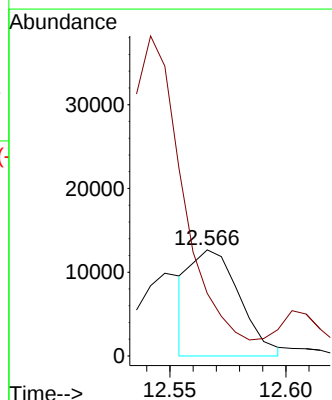
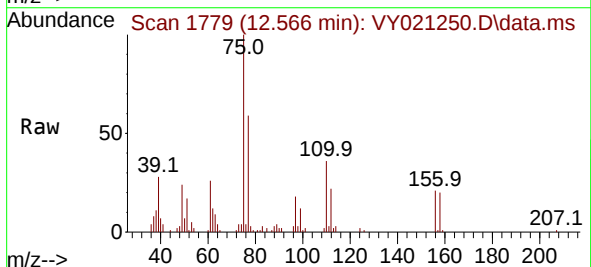
RT: 12.566 min Scan# 1779

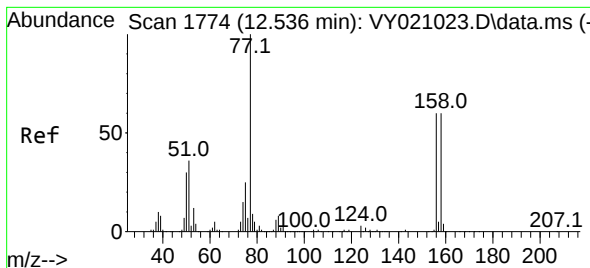
Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Tgt Ion:	75	Resp:	18705
Ion Ratio	100	Lower	Upper
75	0.0	0.0	0.0
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.541 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

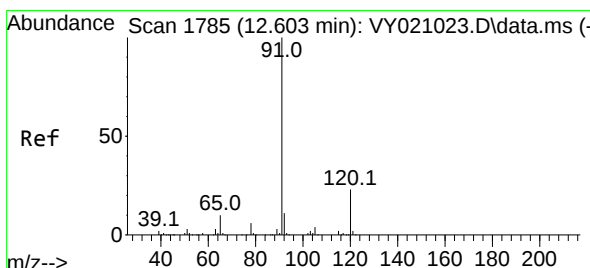
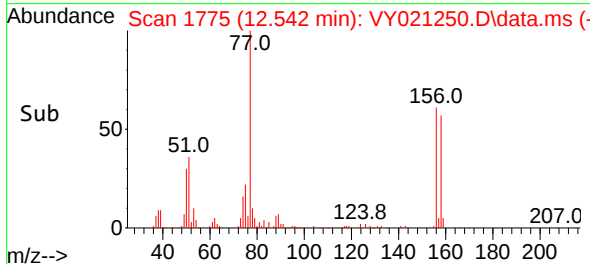
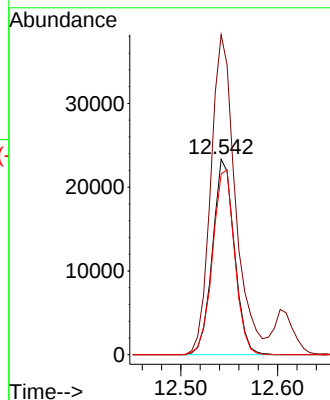
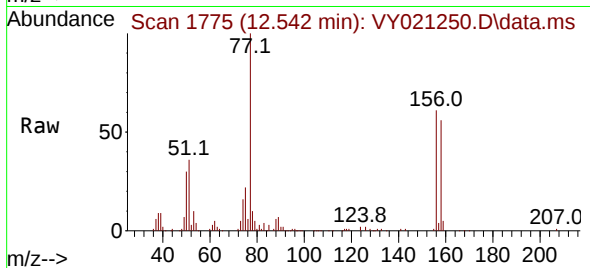
VY0220SBS01

Tgt Ion:	156	Resp:	3654
Ion Ratio	Lower	Upper	
156	100		
77	183.8	97.3	291.8
158	95.9	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#78

n-propylbenzene

Concen: 20.266 ug/l

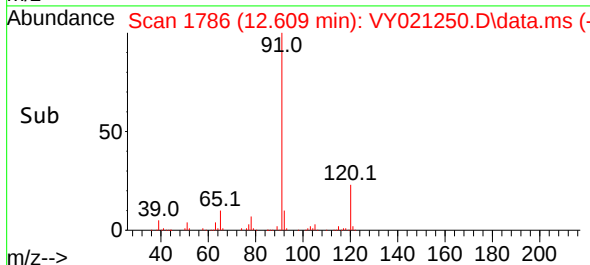
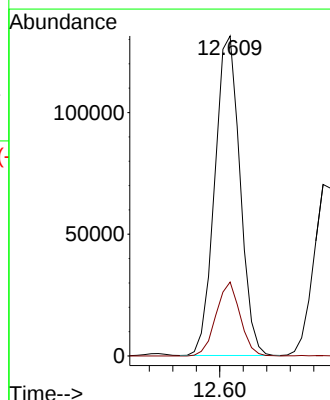
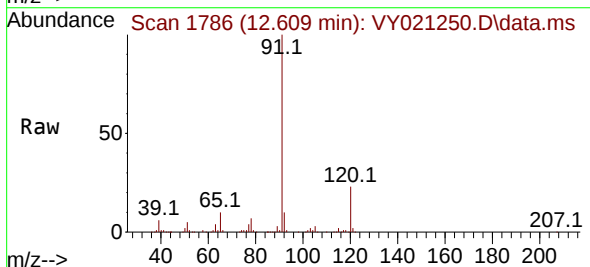
RT: 12.609 min Scan# 1786

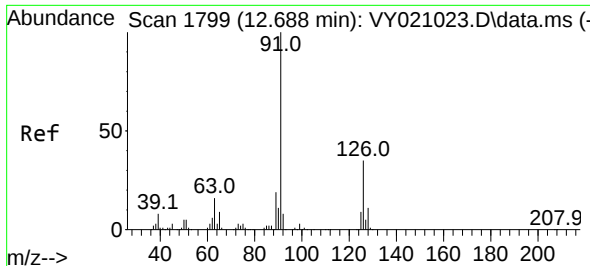
Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Tgt Ion:	91	Resp:	195636
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.0	33.0





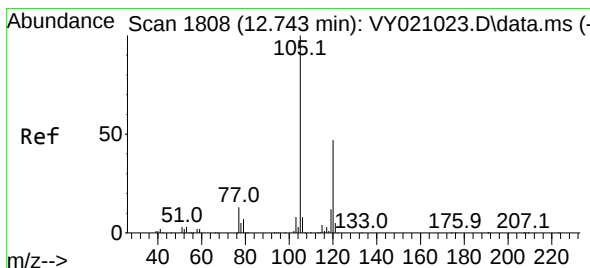
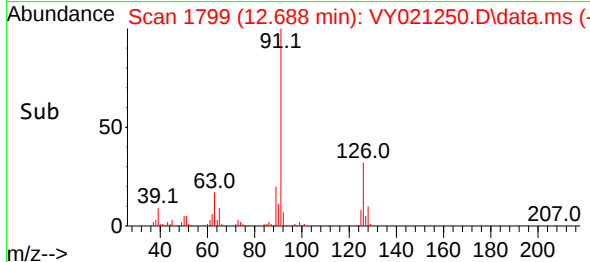
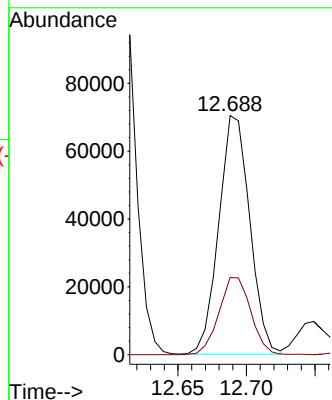
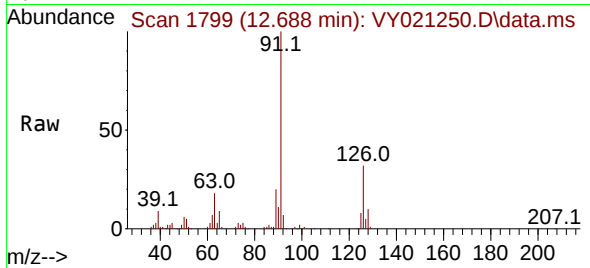
#79
2-Chlorotoluene
Concen: 20.068 ug/l
RT: 12.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion: 91 Resp: 110954
Ion Ratio Lower Upper
91 100
126 33.2 17.0 51.0

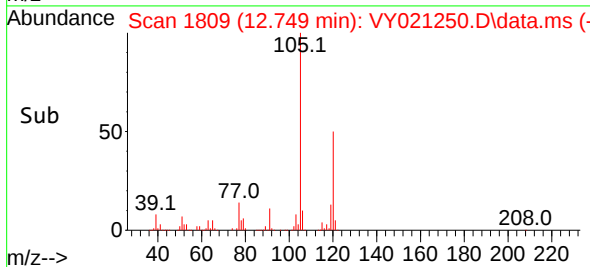
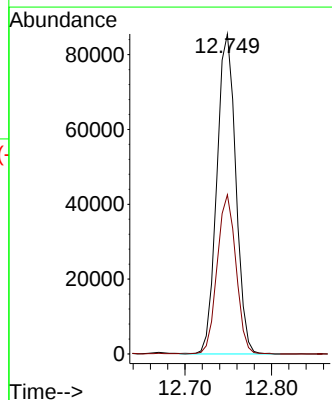
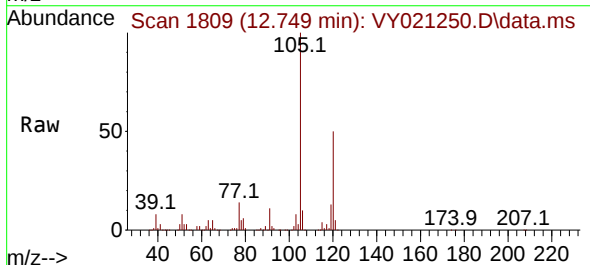
Manual Integrations
APPROVED

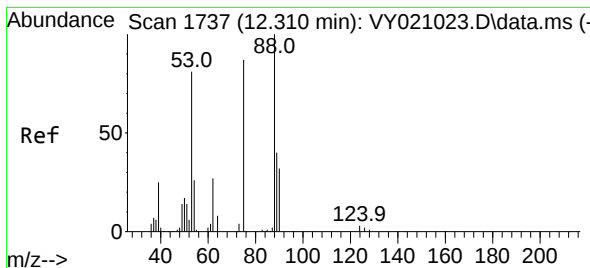
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.779 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

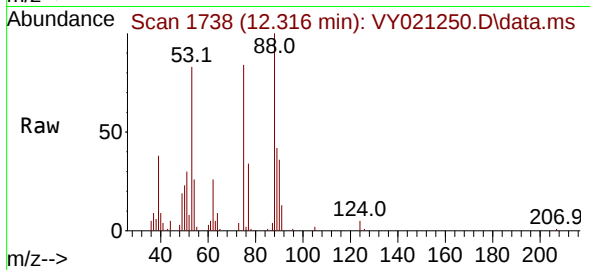
Tgt Ion:105 Resp: 129954
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.658 ug/l
RT: 12.316 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

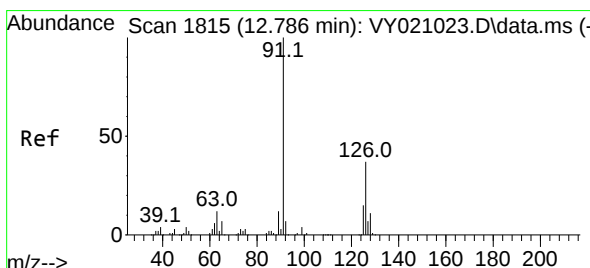
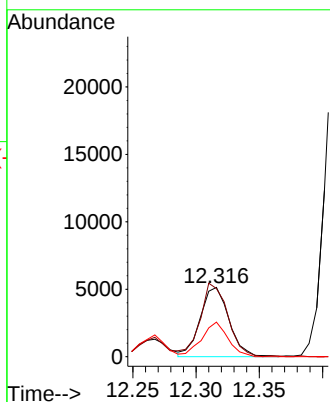
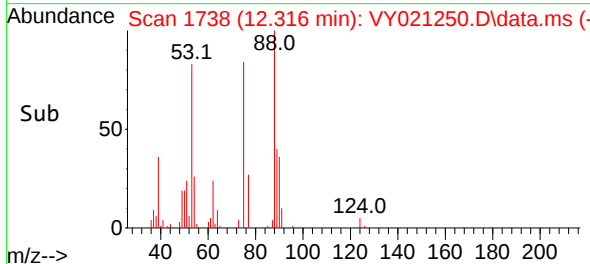
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



Tgt Ion: 75 Resp: 8144
Ion Ratio Lower Upper
75 100
53 101.1 74.0 111.0
89 45.6 36.5 54.7

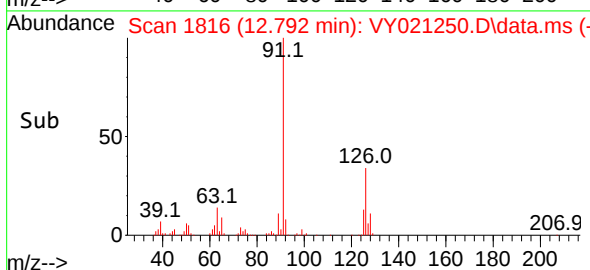
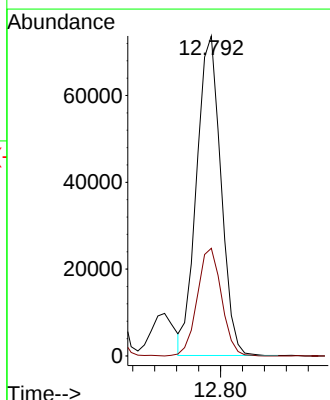
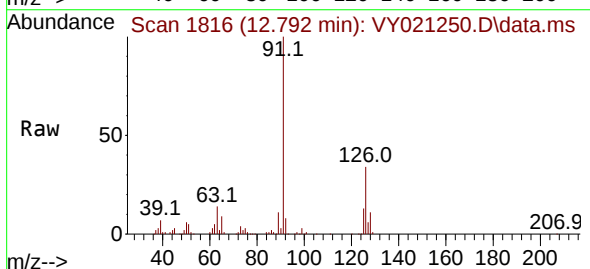
Manual Integrations
APPROVED

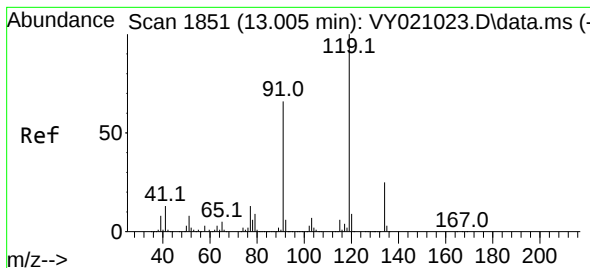
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#82
4-Chlorotoluene
Concen: 20.072 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

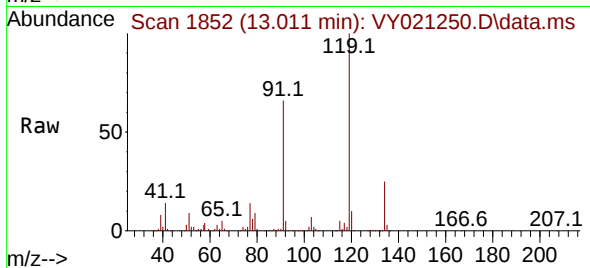
Tgt Ion: 91 Resp: 113066
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2





#83
tert-Butylbenzene
Concen: 19.797 ug/l
RT: 13.011 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

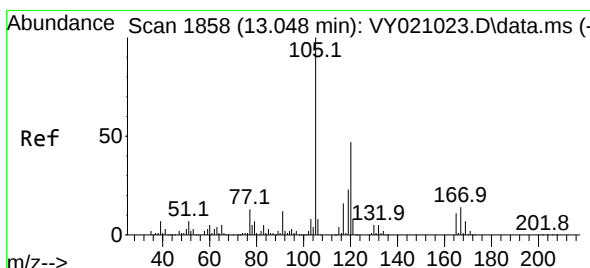
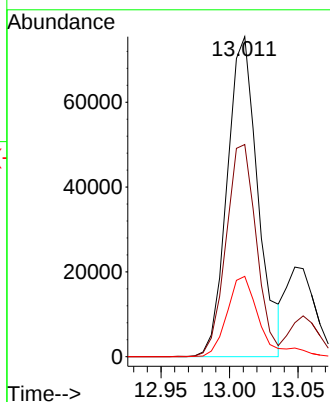
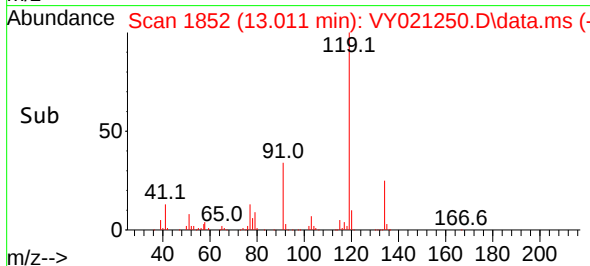
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



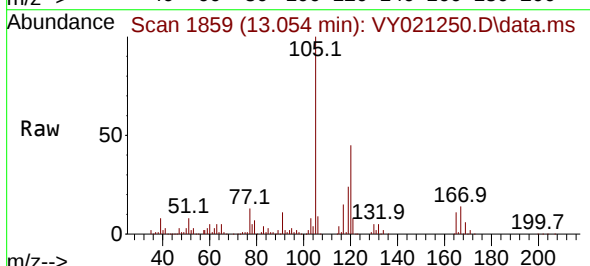
Tgt Ion:119 Resp: 118220
Ion Ratio Lower Upper
119 100
91 65.4 31.5 94.5
134 26.7 13.1 39.3

Manual Integrations
APPROVED

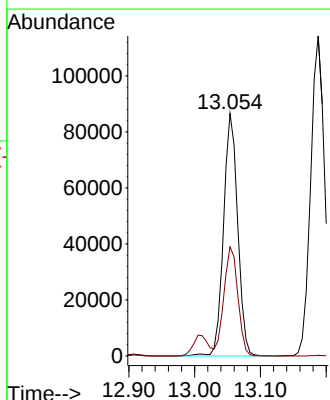
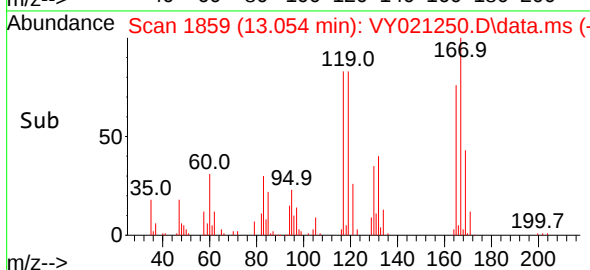
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025

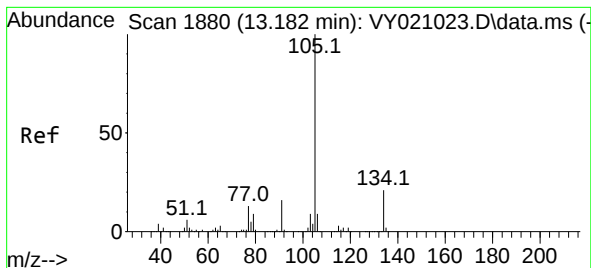


#84
1,2,4-Trimethylbenzene
Concen: 20.178 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27



Tgt Ion:105 Resp: 129629
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.625 ug/l

RT: 13.188 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion:105 Resp: 16870

Ion Ratio Lower Upper

105 100

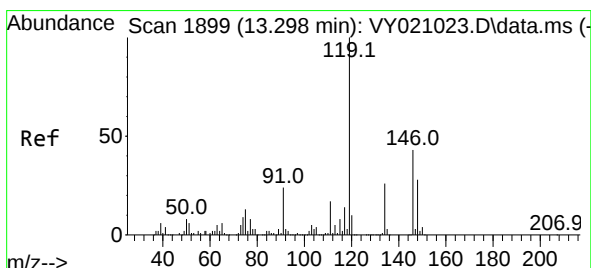
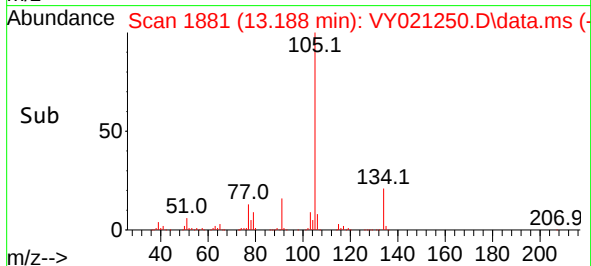
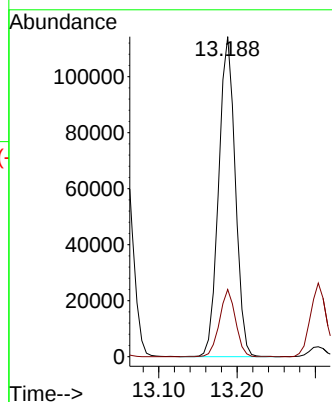
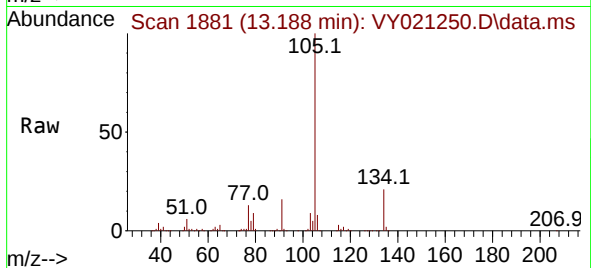
134 20.2 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025

Supervised By :Semsettin Yesilyurt 02/21/2025



#86

p-Isopropyltoluene

Concen: 19.680 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

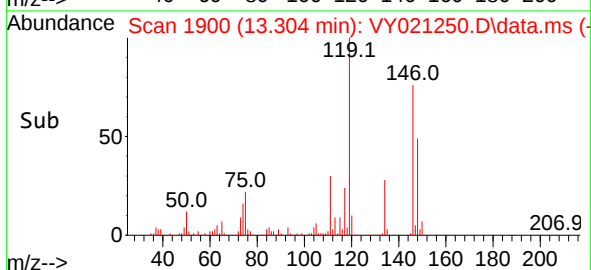
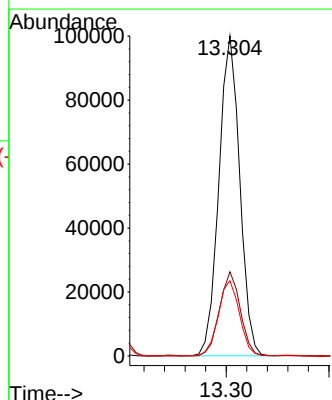
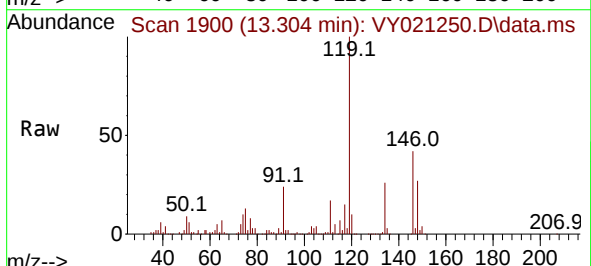
Tgt Ion:119 Resp: 140534

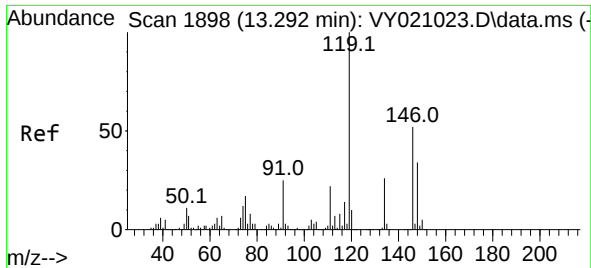
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

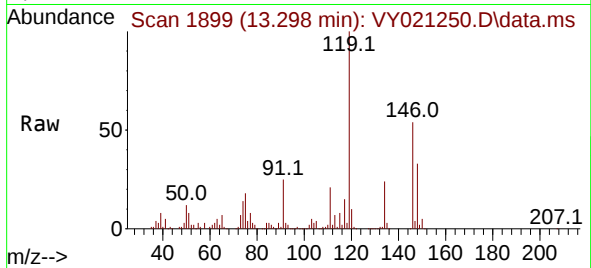
91 23.8 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 19.491 ug/l
 RT: 13.298 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

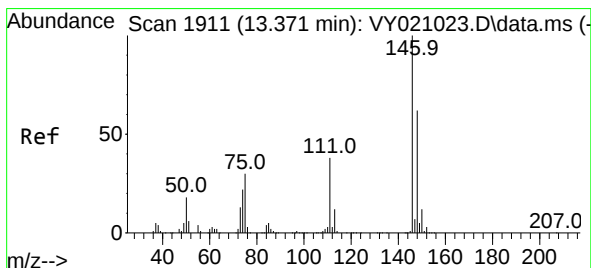
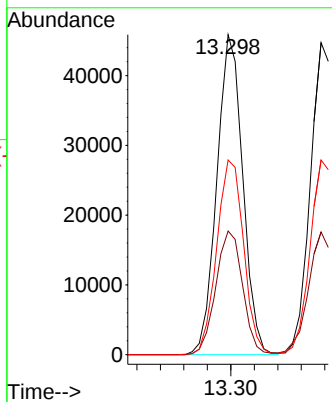
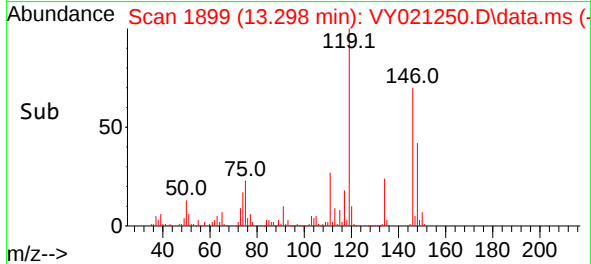
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01



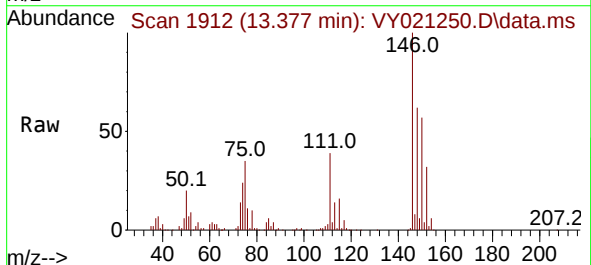
Tgt Ion:146 Resp: 70378
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.2 60.5
 148 63.2 31.9 95.9

Manual Integrations
 APPROVED

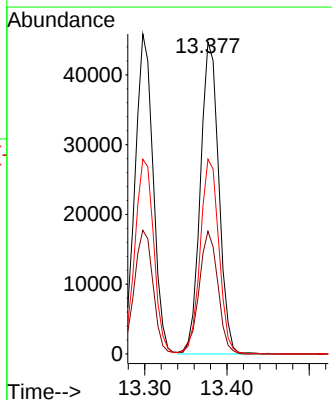
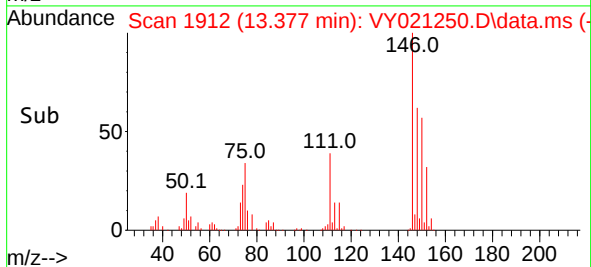
Reviewed By :Mahesh Dadoda 02/21/2025
 Supervised By :Semsettin Yesilyurt 02/21/2025

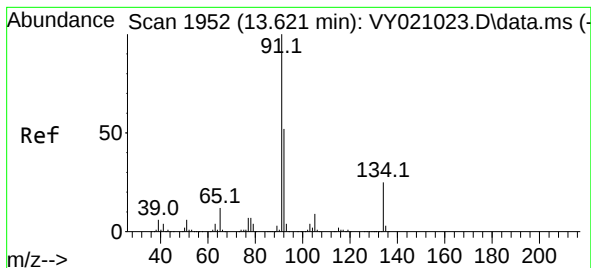


#88
 1,4-Dichlorobenzene
 Concen: 19.580 ug/l
 RT: 13.377 min Scan# 1912
 Delta R.T. 0.006 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27



Tgt Ion:146 Resp: 69610
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.3 57.9
 148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 19.133 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

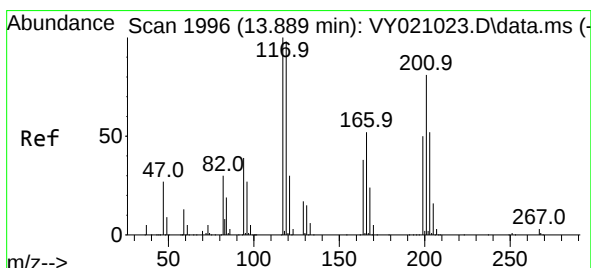
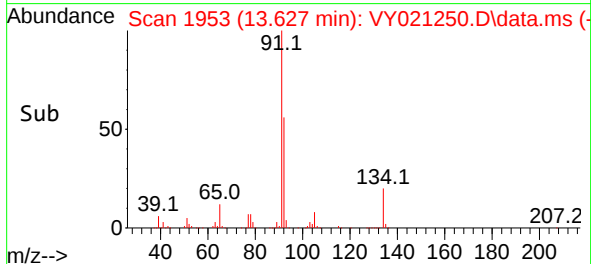
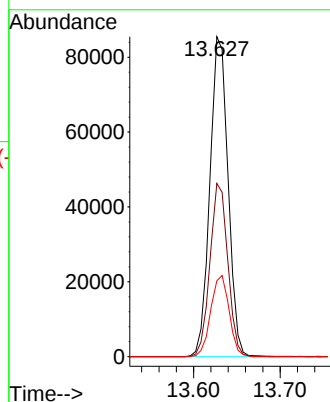
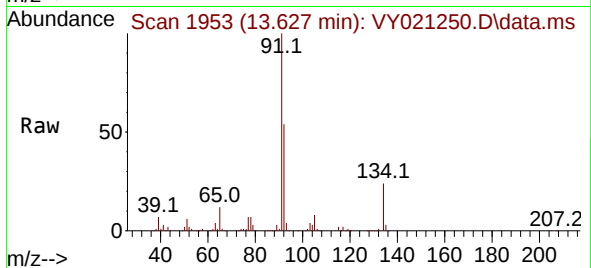
VY0220SBS01

Tgt Ion:	91	Resp:	124639
Ion Ratio	Lower	Upper	
91	100		
92	53.2	26.4	79.2
134	25.7	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#90

Hexachloroethane

Concen: 19.400 ug/l

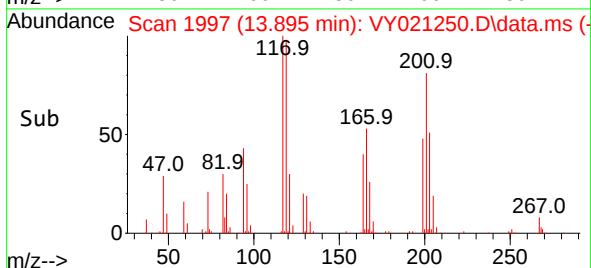
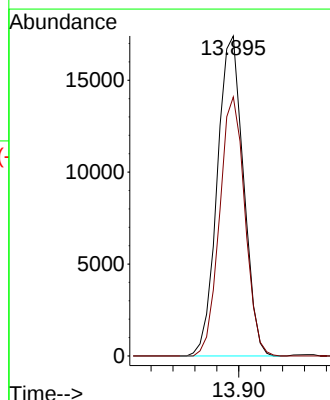
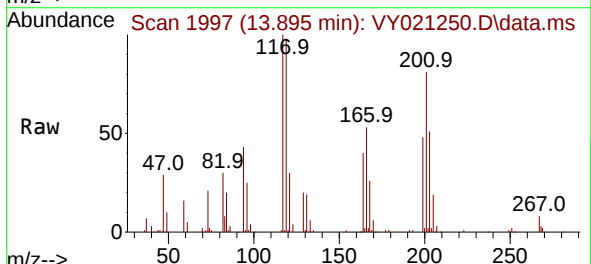
RT: 13.895 min Scan# 1997

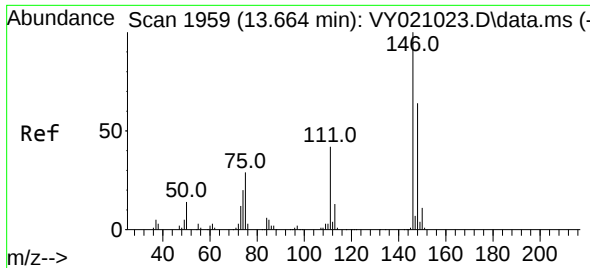
Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Tgt Ion:	117	Resp:	28900
Ion Ratio	Lower	Upper	
117	100		
201	78.2	33.4	100.1





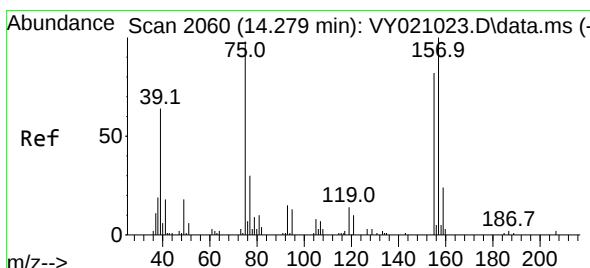
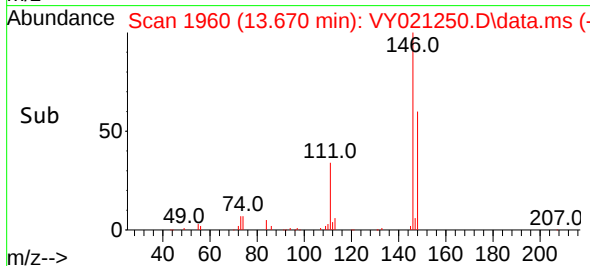
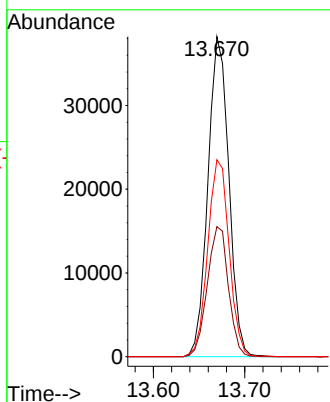
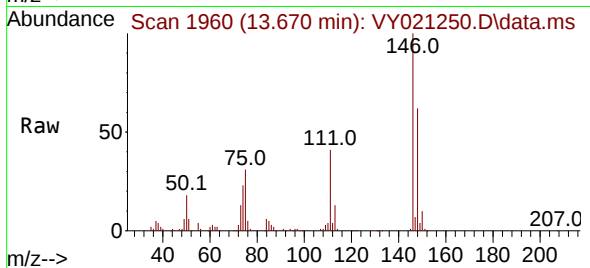
#91
1,2-Dichlorobenzene
Concen: 19.340 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion:146 Resp: 60610
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.6
148 63.0 31.4 94.3

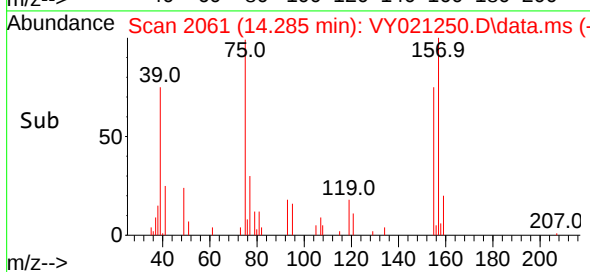
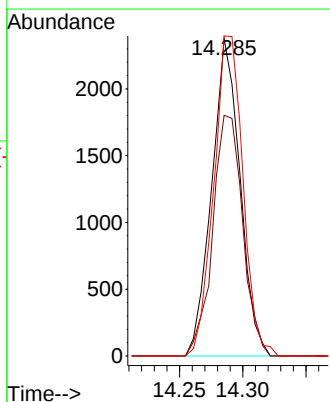
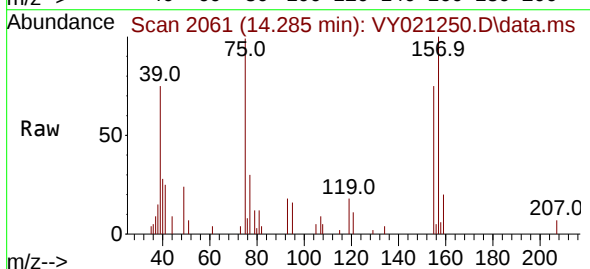
Manual Integrations
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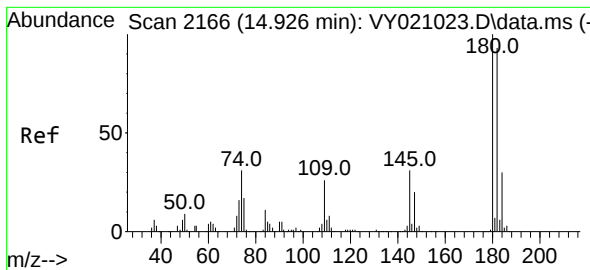
Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.312 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 75 Resp: 3688
Ion Ratio Lower Upper
75 100
155 80.3 42.1 126.3
157 103.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 18.367 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

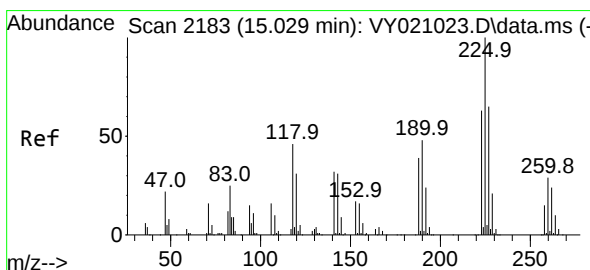
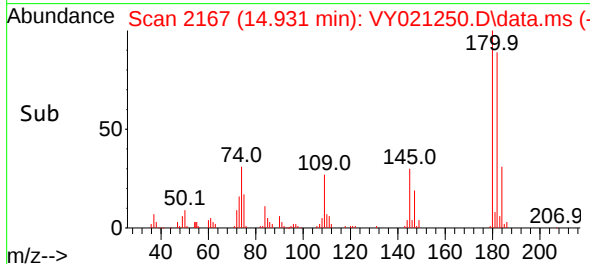
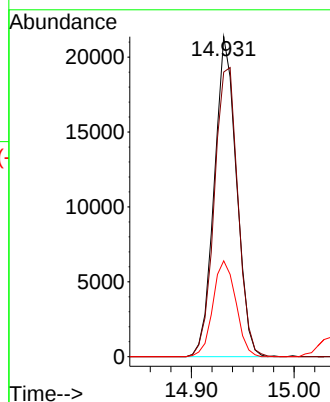
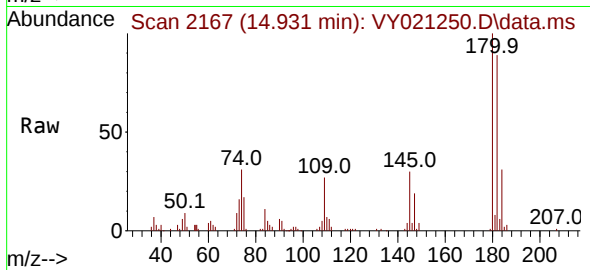
VY0220SBS01

Tgt Ion:180	Resp:	3204
Ion Ratio	Lower	Upper
180	100	
182	95.9	47.9 143.7
145	30.8	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#94

Hexachlorobutadiene

Concen: 19.027 ug/l

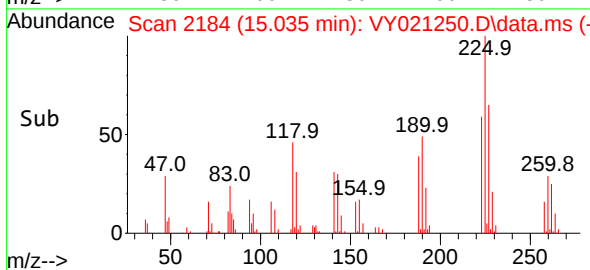
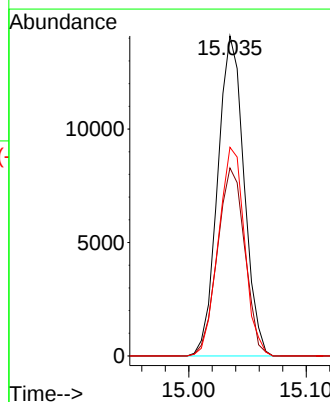
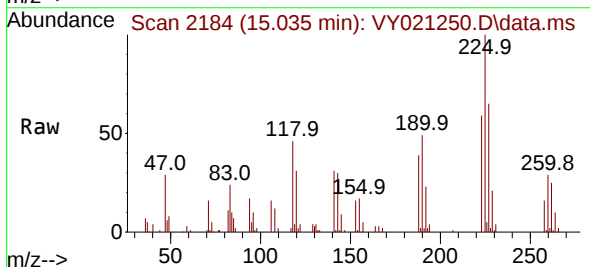
RT: 15.035 min Scan# 2184

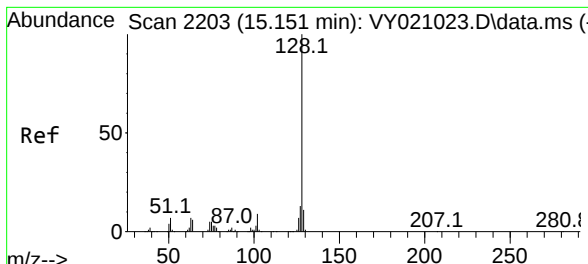
Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

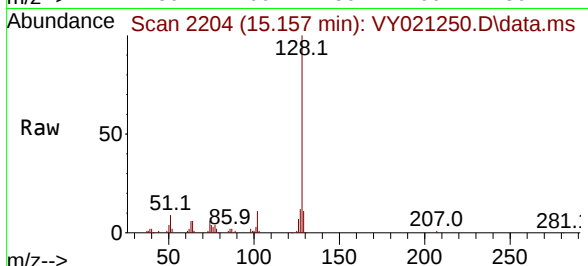
Tgt Ion:225	Resp:	21996
Ion Ratio	Lower	Upper
225	100	
223	61.1	31.4 94.3
227	64.8	32.3 96.8





#95
Naphthalene
Concen: 17.800 ug/l
RT: 15.157 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

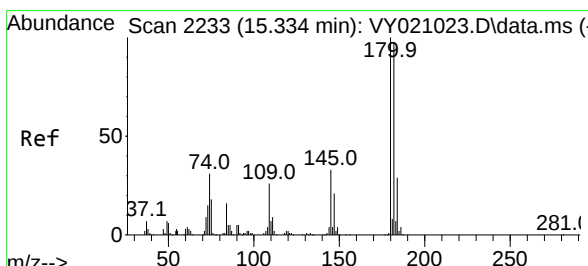
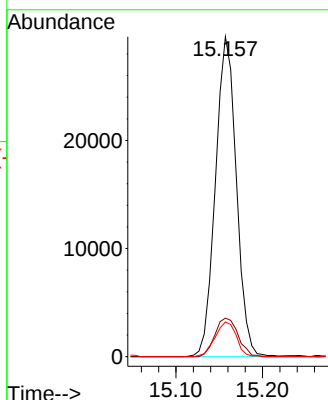
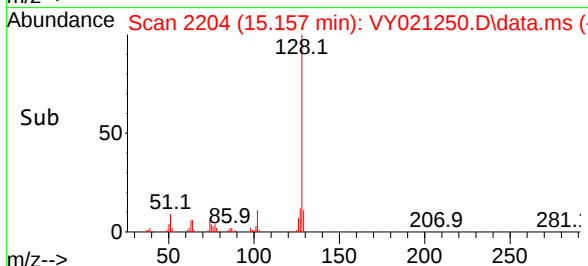
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



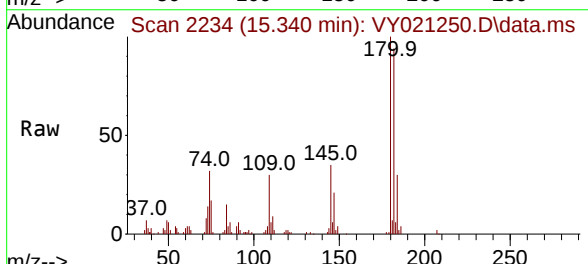
Tgt Ion:128 Resp: 49678
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/21/2025
Supervised By :Semsettin Yesilyurt 02/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.295 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27



Tgt Ion:180 Resp: 26559
Ion Ratio Lower Upper
180 100
182 97.6 46.3 138.8
145 33.1 16.1 48.2

