

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021104.D
 Acq On : 06 Feb 2025 10:51
 Operator : SY/MD
 Sample : VY0206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Quant Time: Feb 07 02:27:17 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	228295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	354381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	297436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	144911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	118732	50.760	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.520%			
35) Dibromofluoromethane	7.646	113	118850	52.331	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.660%			
50) Toluene-d8	10.115	98	449193	51.952	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.414	95	149248	52.837	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	35207	17.303	ug/l	94
3) Chloromethane	2.074	50	37078	18.467	ug/l	100
4) Vinyl Chloride	2.214	62	38151	18.878	ug/l	98
5) Bromomethane	2.605	94	25127	20.116	ug/l	93
6) Chloroethane	2.745	64	24270	20.174	ug/l	98
7) Trichlorofluoromethane	3.068	101	71183	19.333	ug/l	98
8) Diethyl Ether	3.464	74	21186	18.433	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.830	101	43347	18.759	ug/l	95
10) Methyl Iodide	4.019	142	43200	16.828	ug/l	94
11) Tert butyl alcohol	4.872	59	14733	92.948	ug/l #	87
12) 1,1-Dichloroethene	3.799	96	40331	18.528	ug/l	91
13) Acrolein	3.665	56	22692	92.968	ug/l	97
14) Allyl chloride	4.397	41	67594	18.425	ug/l	96
15) Acrylonitrile	5.074	53	43867	91.652	ug/l	99
16) Acetone	3.885	43	32986	90.429	ug/l	92
17) Carbon Disulfide	4.123	76	110087	16.128	ug/l	99
18) Methyl Acetate	4.397	43	22927	17.905	ug/l	99
19) Methyl tert-butyl Ether	5.135	73	102557	18.641	ug/l	98
20) Methylene Chloride	4.635	84	41816	18.440	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	43183	18.023	ug/l	99
22) Diisopropyl ether	6.031	45	145466	19.237	ug/l	96
23) Vinyl Acetate	5.976	43	385163	91.371	ug/l	100
24) 1,1-Dichloroethane	5.927	63	83045	18.745	ug/l	97
25) 2-Butanone	6.909	43	54780	91.388	ug/l	99
26) 2,2-Dichloropropane	6.896	77	76702	18.711	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	51831	18.793	ug/l	94
28) Bromochloromethane	7.256	49	35766	20.416	ug/l	98
29) Tetrahydrofuran	7.274	42	36521	90.041	ug/l	96
30) Chloroform	7.433	83	85569	18.804	ug/l	99
31) Cyclohexane	7.713	56	70755	17.735	ug/l #	92
32) 1,1,1-Trichloroethane	7.628	97	79668	18.830	ug/l	99
36) 1,1-Dichloropropene	7.847	75	62105	18.462	ug/l	99
37) Ethyl Acetate	6.994	43	27067	18.342	ug/l	98
38) Carbon Tetrachloride	7.829	117	72408	18.422	ug/l	98
39) Methylcyclohexane	9.116	83	74498	18.105	ug/l	96
40) Benzene	8.091	78	183038	18.541	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	15404	18.043	ug/l	97
42) 1,2-Dichloroethane	8.171	62	49998	18.258	ug/l	97
43) Isopropyl Acetate	8.207	43	52515	17.909	ug/l	98
44) Trichloroethene	8.872	130	47778	18.733	ug/l	94
45) 1,2-Dichloropropane	9.152	63	43920	18.744	ug/l	97
46) Dibromomethane	9.237	93	23555	18.157	ug/l	95
47) Bromodichloromethane	9.433	83	65285	18.764	ug/l	98
48) Methyl methacrylate	9.231	41	24341	18.224	ug/l	94
49) 1,4-Dioxane	9.244	88	4617	382.294	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	129795	88.023	ug/l	99
52) Toluene	10.176	92	117791	19.003	ug/l	97
53) t-1,3-Dichloropropene	10.402	75	57910	18.536	ug/l	95
54) cis-1,3-Dichloropropene	9.865	75	68900	18.626	ug/l	92
55) 1,1,2-Trichloroethane	10.579	97	30695	18.271	ug/l	96
56) Ethyl methacrylate	10.445	69	41989	18.683	ug/l	95
57) 1,3-Dichloropropane	10.725	76	53560	18.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	96792	90.528	ug/l	100
59) 2-Hexanone	10.768	43	84757	89.274	ug/l	96
60) Dibromochloromethane	10.920	129	43368	18.382	ug/l	100
61) 1,2-Dibromoethane	11.024	107	28873	18.349	ug/l	99
64) Tetrachloroethene	10.658	164	42130	19.081	ug/l	97
65) Chlorobenzene	11.451	112	125116	18.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	44839	19.051	ug/l	97
67) Ethyl Benzene	11.530	91	224679	19.180	ug/l	99
68) m/p-Xylenes	11.639	106	169115	38.591	ug/l	98
69) o-Xylene	11.963	106	79442	19.444	ug/l	98
70) Styrene	11.981	104	132698	19.487	ug/l	98
71) Bromoform	12.139	173	24694	18.849	ug/l #	97
73) Isopropylbenzene	12.261	105	213827	18.890	ug/l	99
74) N-amyl acetate	12.078	43	44332	17.913	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.517	83	34711	18.438	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	23072m	17.552	ug/l	
77) Bromobenzene	12.542	156	48442	18.545	ug/l	93
78) n-propylbenzene	12.603	91	257110	19.067	ug/l	97
79) 2-Chlorotoluene	12.688	91	148048	19.170	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	175912	19.168	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	11434	17.749	ug/l	94
82) 4-Chlorotoluene	12.786	91	149561	19.007	ug/l	99
83) tert-Butylbenzene	13.005	119	156433	18.753	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	172065	19.175	ug/l	98
85) sec-Butylbenzene	13.188	105	231786	19.303	ug/l	98
86) p-Isopropyltoluene	13.304	119	191033	19.151	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	94692	18.774	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	94865	19.102	ug/l	99
89) n-Butylbenzene	13.627	91	173154	19.028	ug/l	99
90) Hexachloroethane	13.889	117	39420	18.944	ug/l	88
91) 1,2-Dichlorobenzene	13.670	146	82314	18.803	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4974	17.681	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	45400	18.631	ug/l	98
94) Hexachlorobutadiene	15.035	225	31175	19.306	ug/l	98
95) Naphthalene	15.157	128	75331	19.323	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	37529	18.507	ug/l	96

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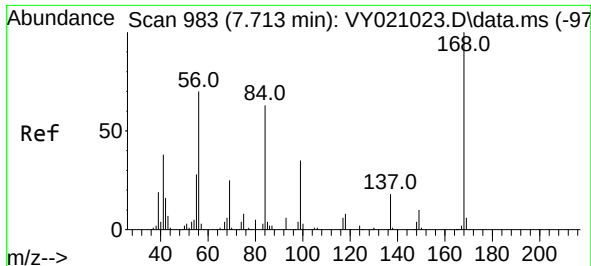
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 02/07/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

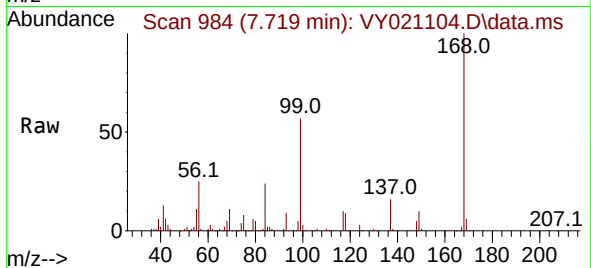
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021104.D
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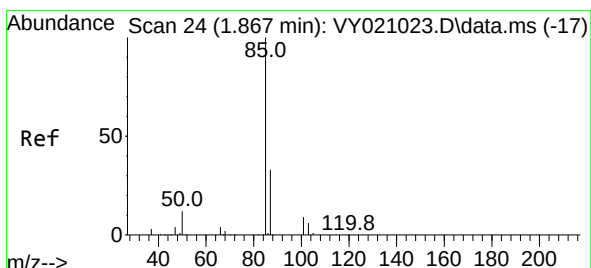
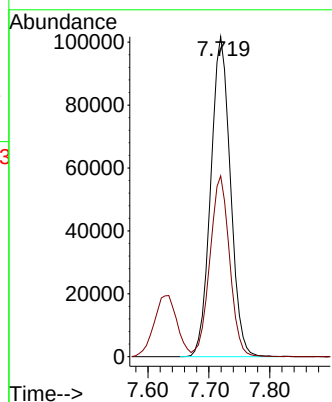
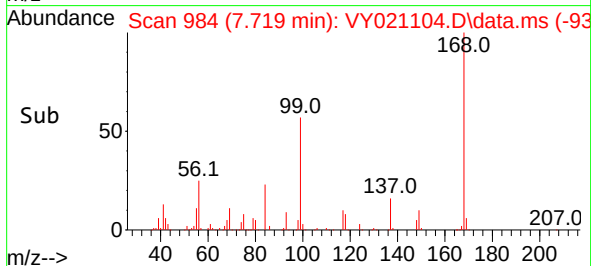
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



Tgt Ion:168 Resp: 22829
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4

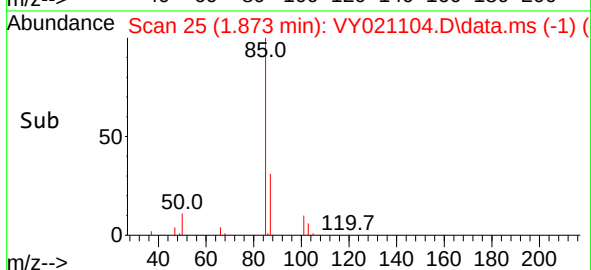
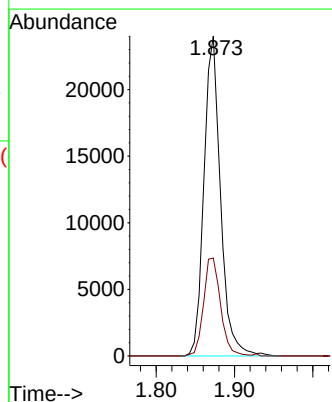
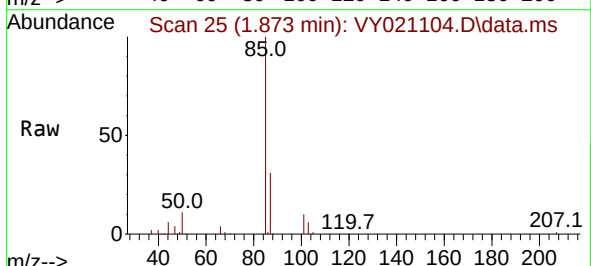
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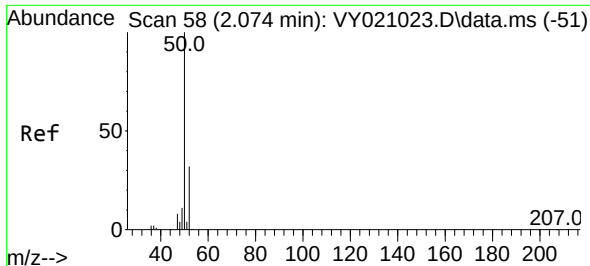
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#2
Dichlorodifluoromethane
Concen: 17.303 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

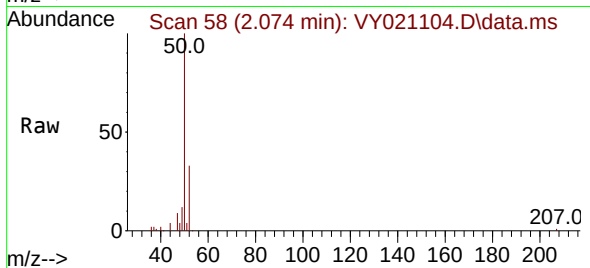
Tgt Ion: 85 Resp: 35207
Ion Ratio Lower Upper
85 100
87 30.6 17.1 51.3





#3
Chloromethane
Concen: 18.467 ug/l
RT: 2.074 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

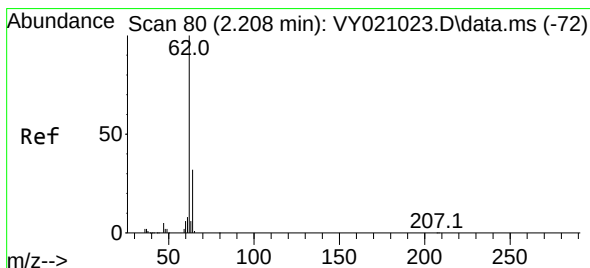
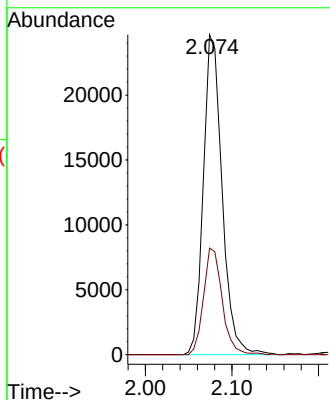
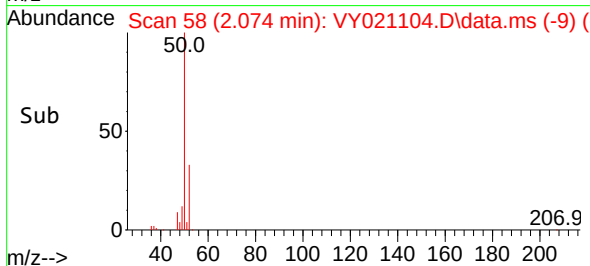
Instrument :
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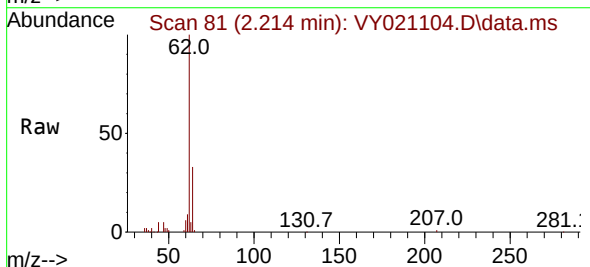
Tgt Ion: 50 Resp: 37078
Ion Ratio Lower Upper
50 100
52 33.3 26.7 40.1

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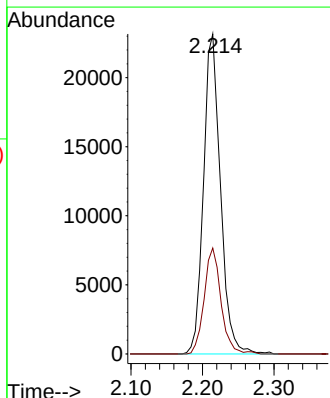
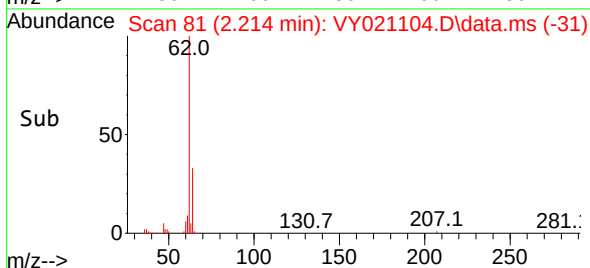
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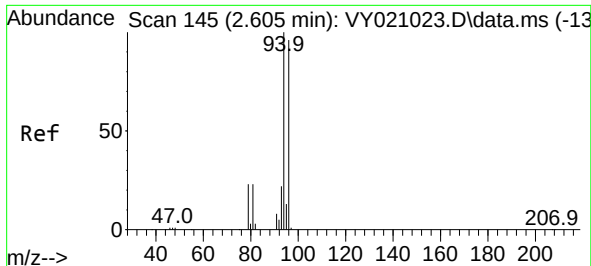


#4
Vinyl Chloride
Concen: 18.878 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021104.D
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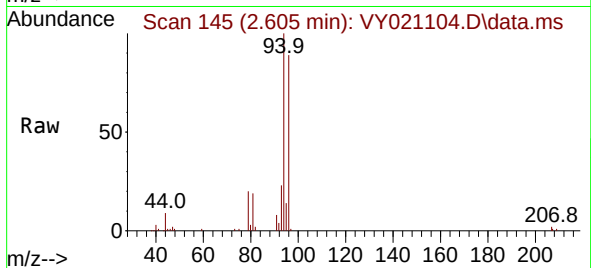
Tgt Ion: 62 Resp: 38151
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5





#5
Bromomethane
Concen: 20.116 ug/l
RT: 2.605 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021104.D
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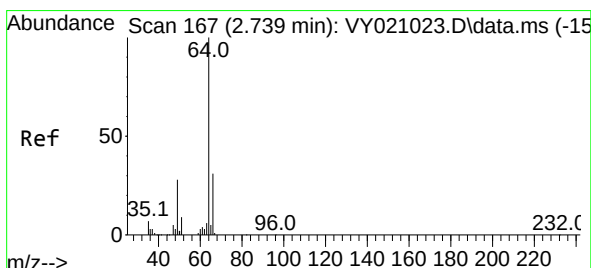
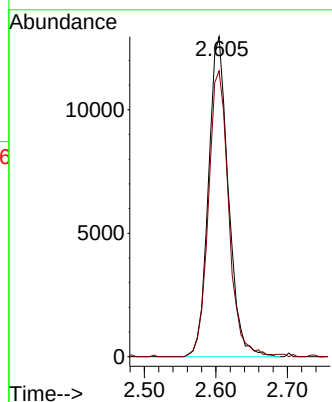
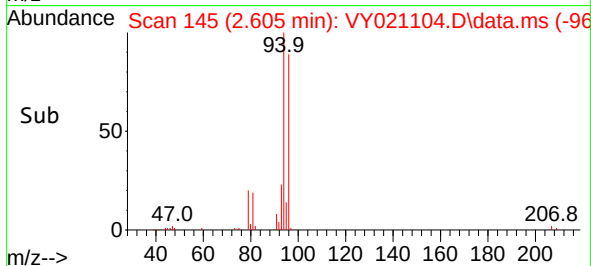
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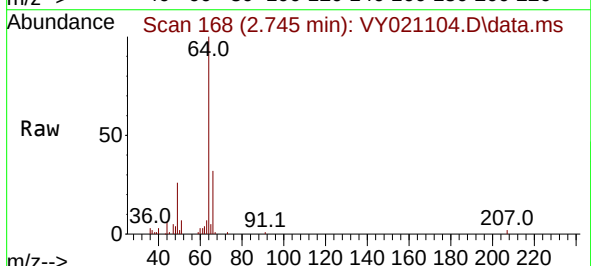
Tgt Ion: 94 Resp: 2512
Ion Ratio Lower Upper
94 100
96 89.3 77.3 115.9

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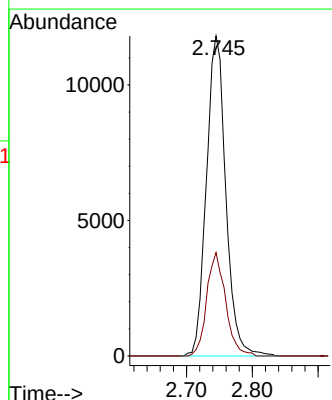
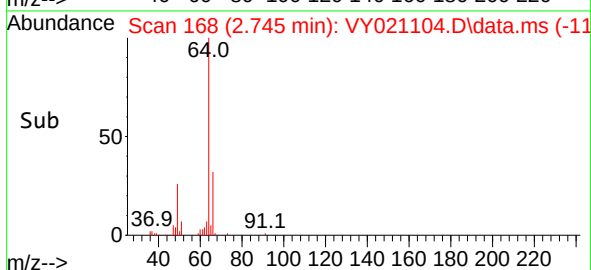
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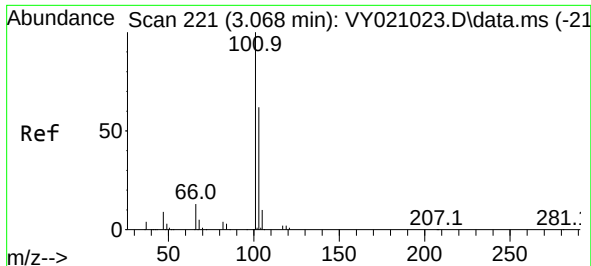


#6
Chloroethane
Concen: 20.174 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021104.D
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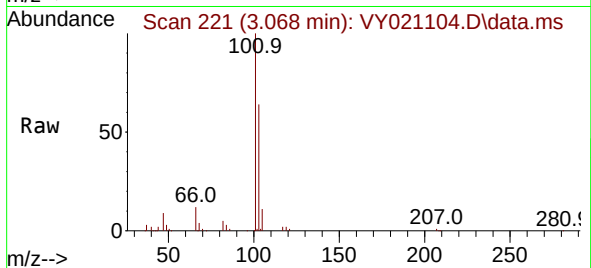
Tgt Ion: 64 Resp: 24270
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.333 ug/l
RT: 3.068 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY021104.D
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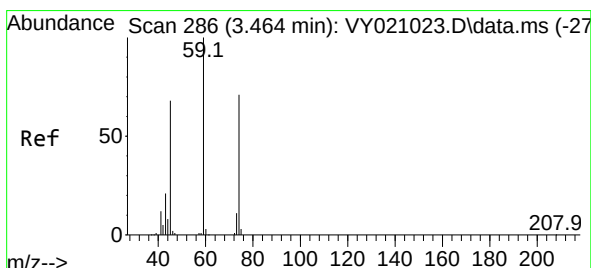
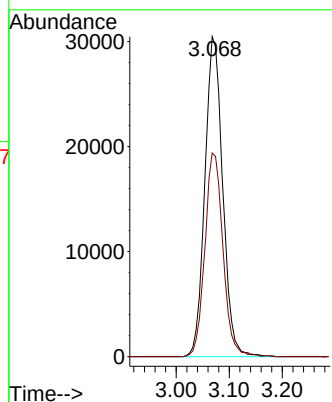
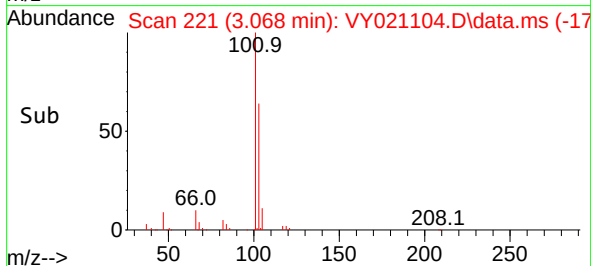
Instrument :
MSVOA_Y
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Tgt Ion:101 Resp: 7118
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9

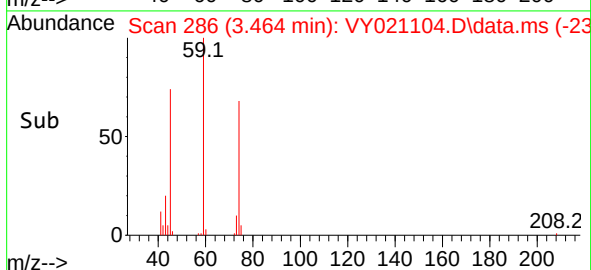
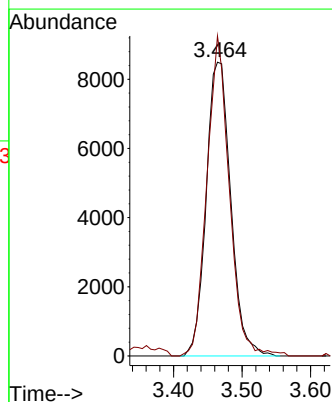
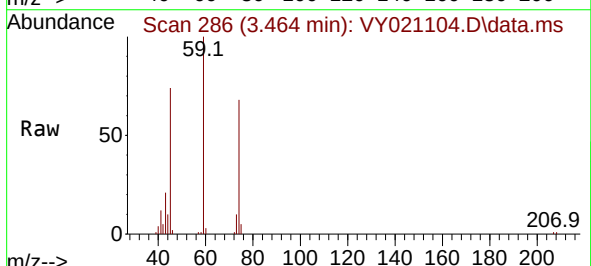
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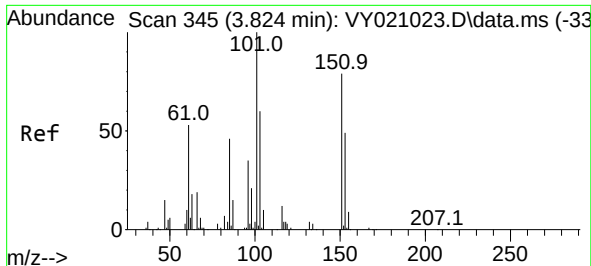
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#8
Diethyl Ether
Concen: 18.433 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion: 74 Resp: 21186
Ion Ratio Lower Upper
74 100
45 99.4 47.9 143.7





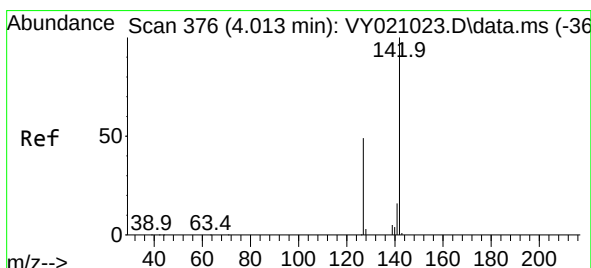
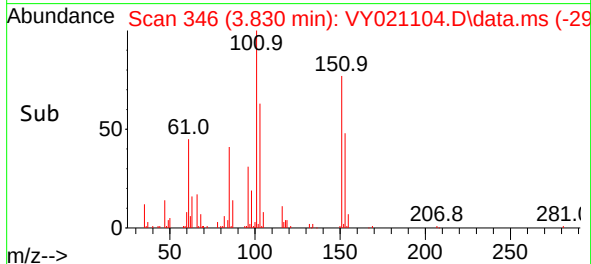
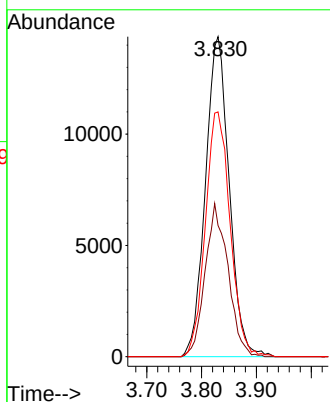
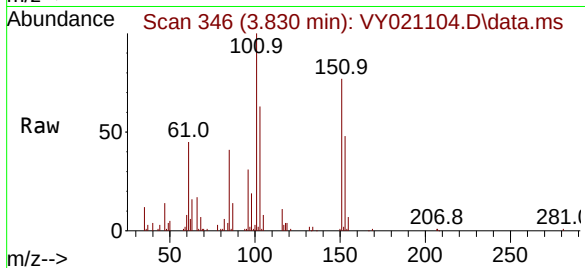
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.759 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion:101 Resp: 4334
Ion Ratio Lower Upper
101 100
85 46.1 35.8 53.6
151 79.7 58.6 88.0

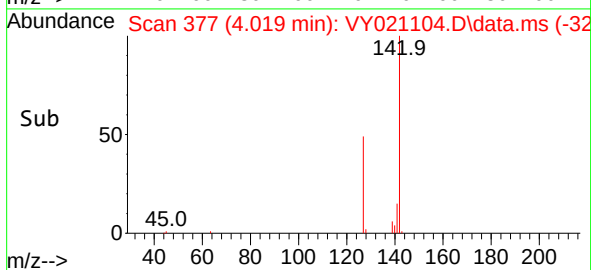
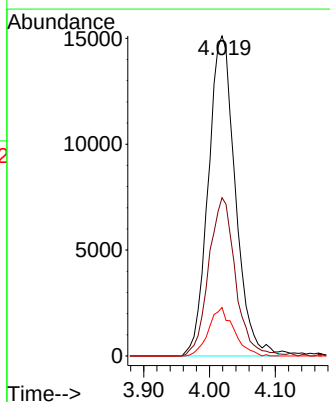
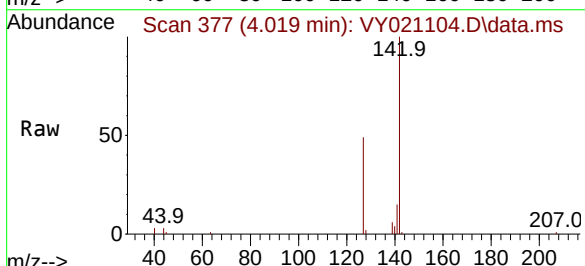
Manual Integrations
APPROVED

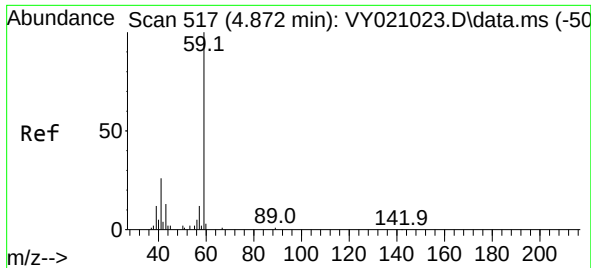
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#10
Methyl Iodide
Concen: 16.828 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

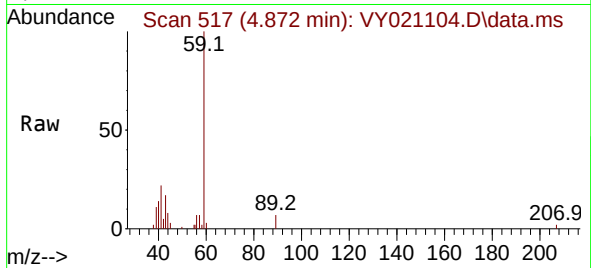
Tgt Ion:142 Resp: 43200
Ion Ratio Lower Upper
142 100
127 49.1 35.1 52.7
141 14.2 11.8 17.6





#11
Tert butyl alcohol
Concen: 92.948 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

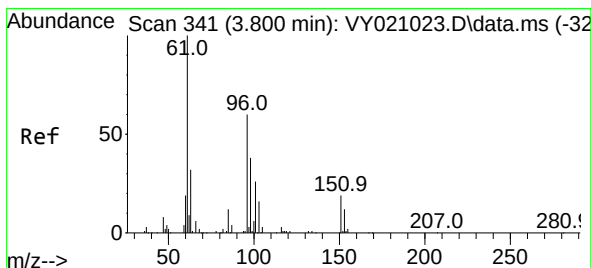
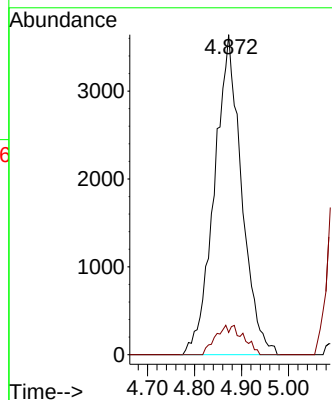
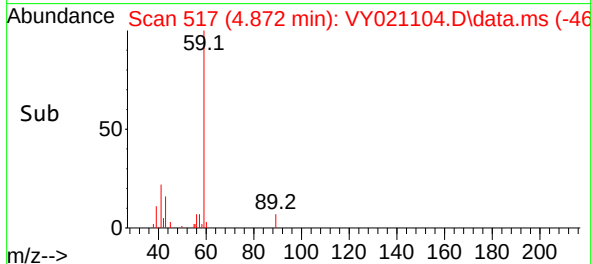
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



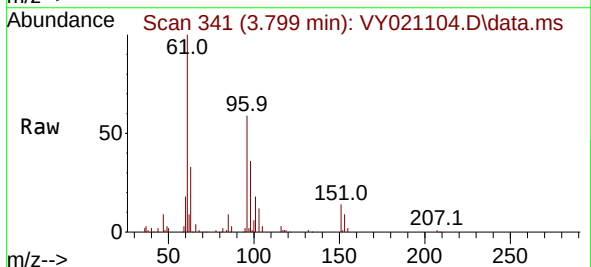
Tgt Ion: 59 Resp: 1473
Ion Ratio Lower Upper
59 100
57 4.6 7.4 11.0

Manual Integrations
APPROVED

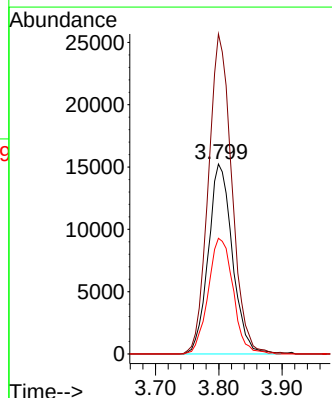
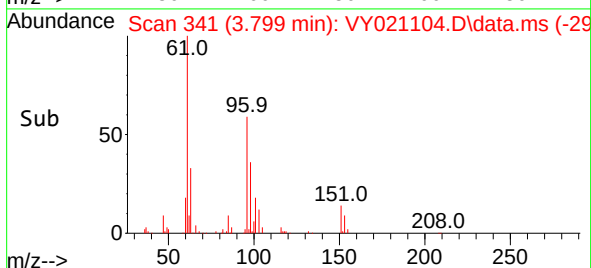
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

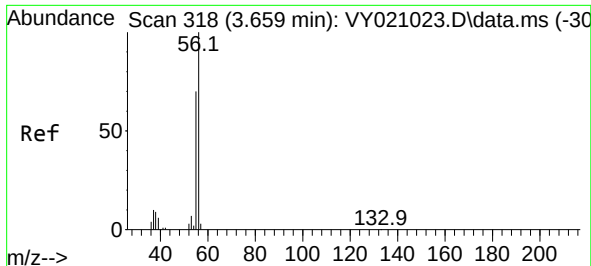


#12
1,1-Dichloroethene
Concen: 18.528 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51



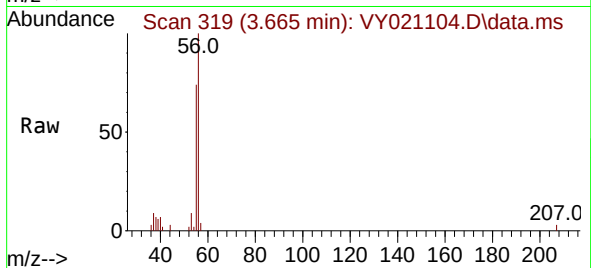
Tgt Ion: 96 Resp: 40331
Ion Ratio Lower Upper
96 100
61 168.4 124.2 186.2
98 60.9 52.6 79.0





#13
Acrolein
Concen: 92.968 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

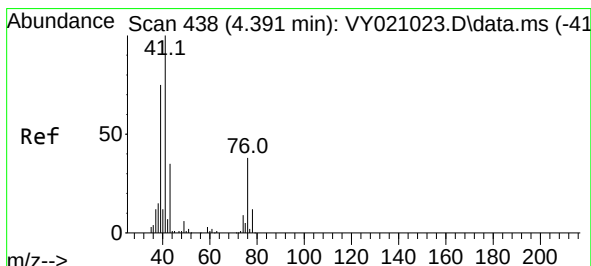
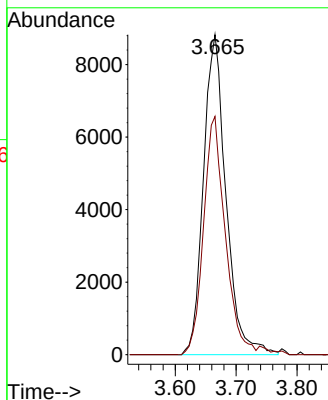
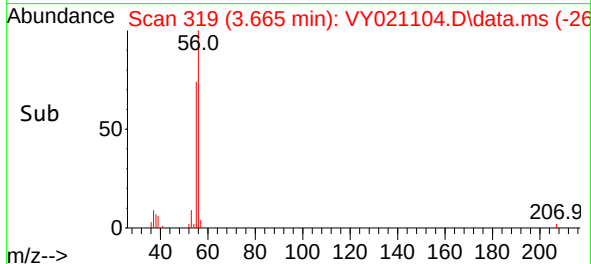
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



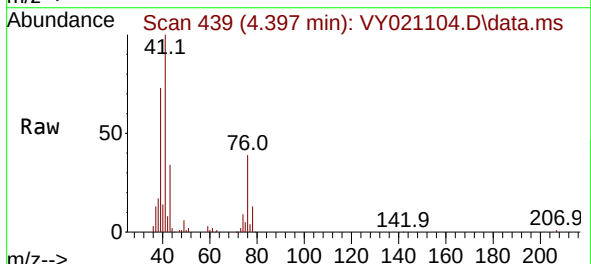
Tgt Ion: 56 Resp: 22692
Ion Ratio Lower Upper
56 100
55 71.6 55.4 83.0

Manual Integrations
APPROVED

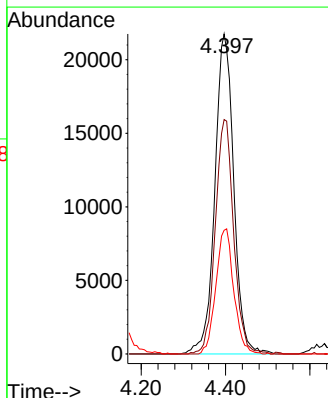
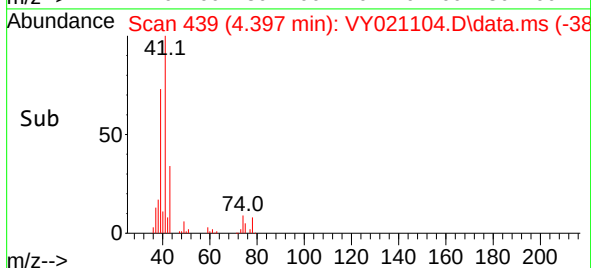
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

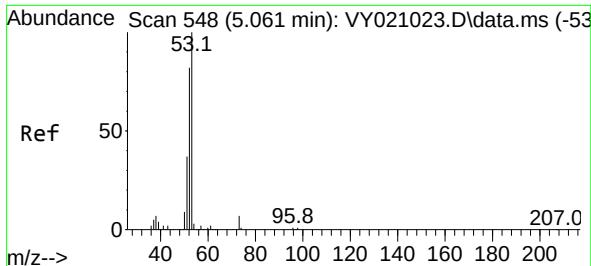


#14
Allyl chloride
Concen: 18.425 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51



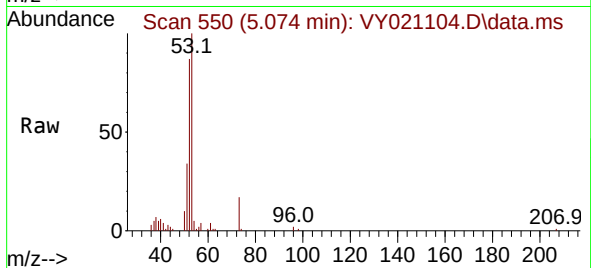
Tgt Ion: 41 Resp: 67594
Ion Ratio Lower Upper
41 100
39 71.1 54.7 82.1
76 36.9 31.8 47.6





#15
Acrylonitrile
Concen: 91.652 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

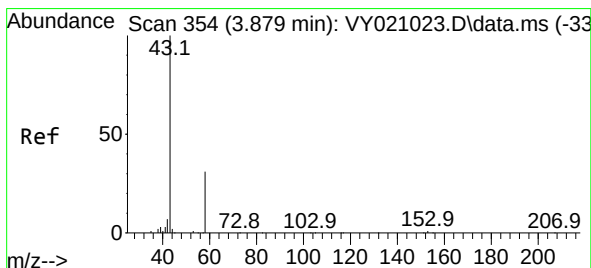
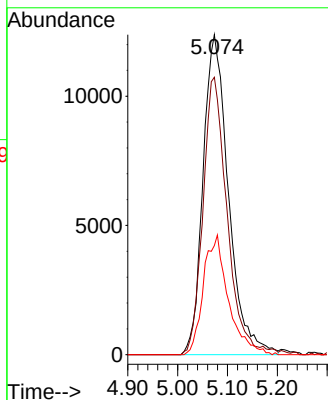
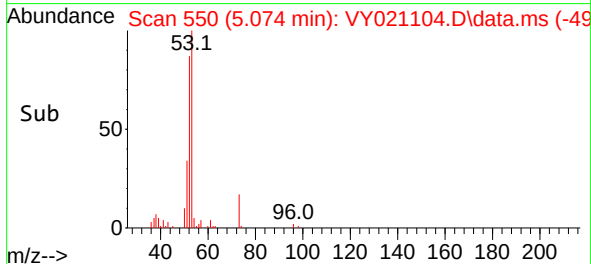
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



Tgt Ion: 53 Resp: 4386
Ion Ratio Lower Upper
53 100
52 82.8 65.1 97.7
51 36.7 29.0 43.4

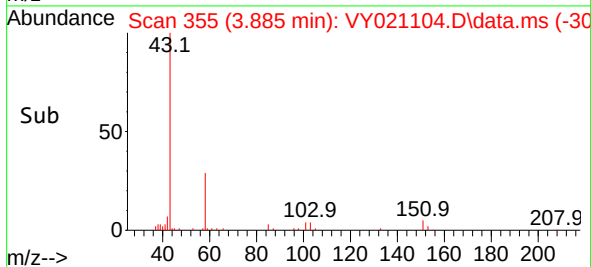
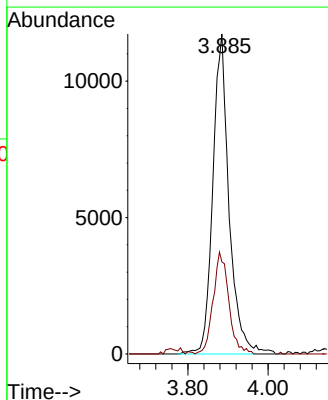
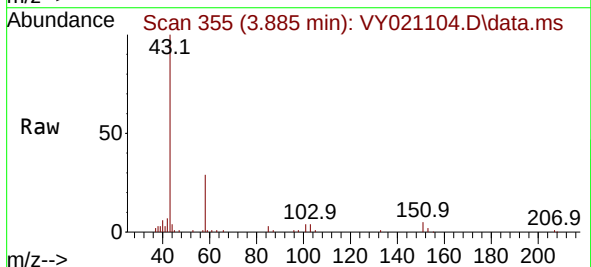
Manual Integrations
APPROVED

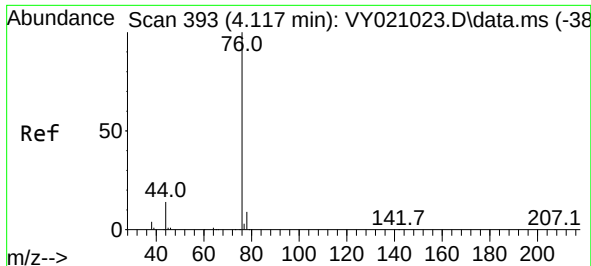
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#16
Acetone
Concen: 90.429 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion: 43 Resp: 32986
Ion Ratio Lower Upper
43 100
58 28.8 26.6 39.8





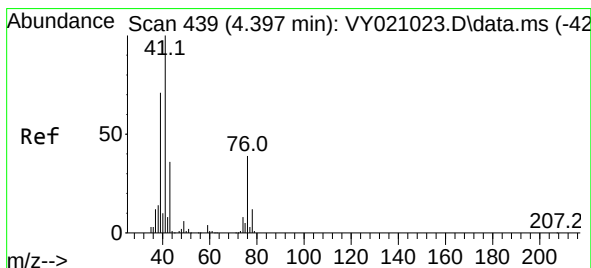
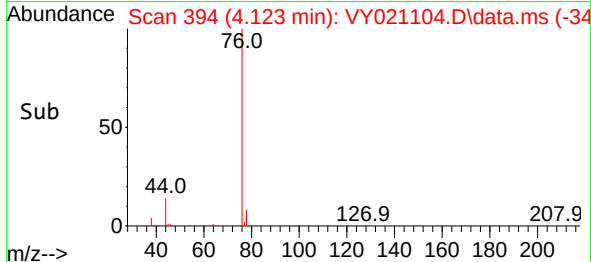
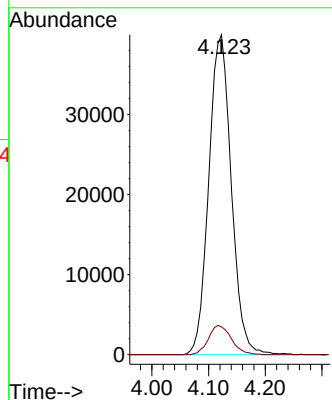
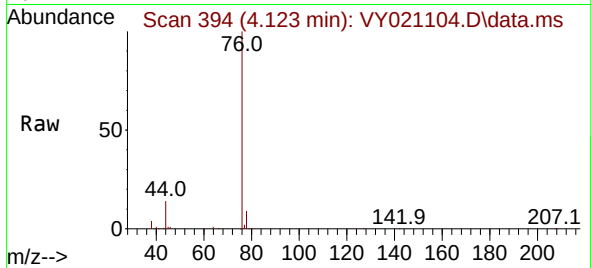
#17
Carbon Disulfide
Concen: 16.128 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion: 76 Resp: 11008
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

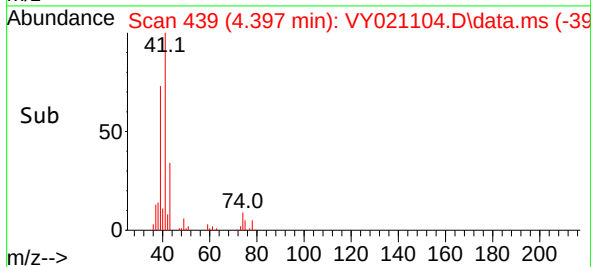
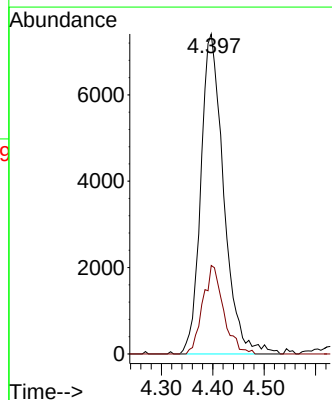
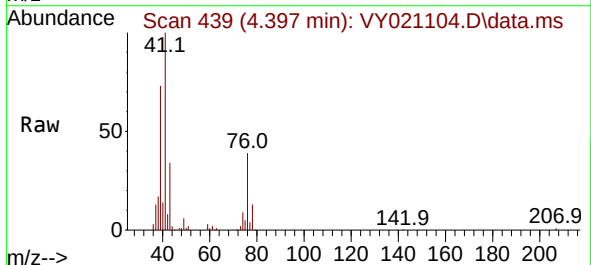
Manual Integrations
APPROVED

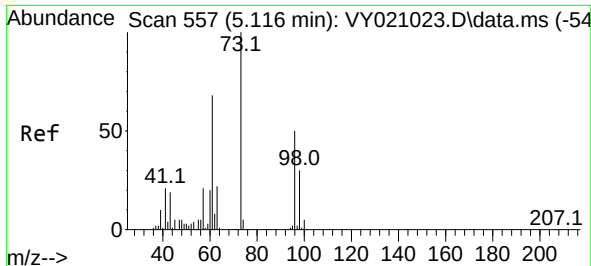
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#18
Methyl Acetate
Concen: 17.905 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

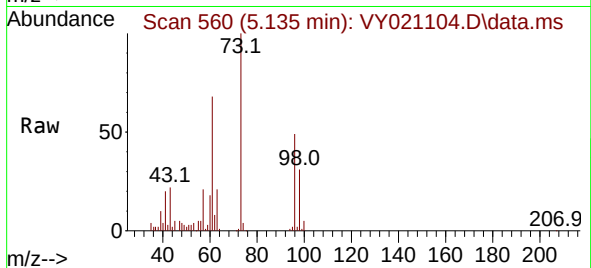
Tgt Ion: 43 Resp: 22927
Ion Ratio Lower Upper
43 100
74 25.1 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 18.641 ug/l
RT: 5.135 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

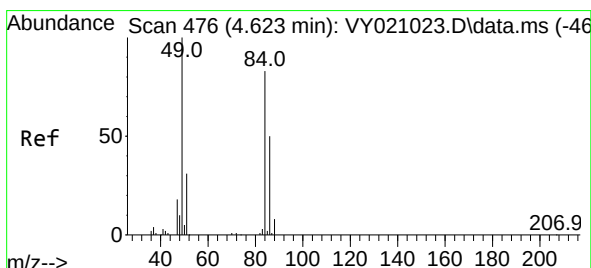
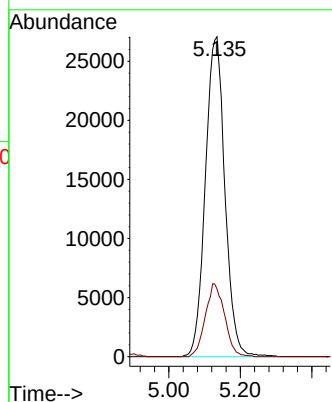
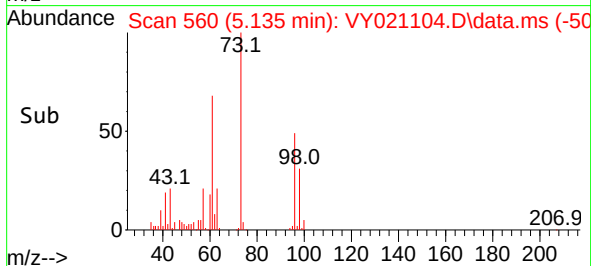
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



Tgt Ion: 73 Resp: 10255
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5

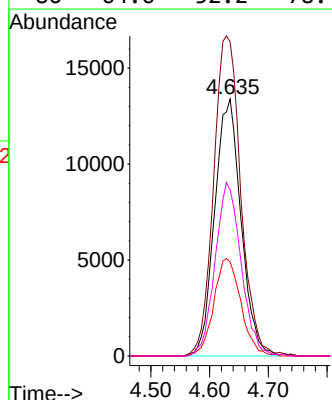
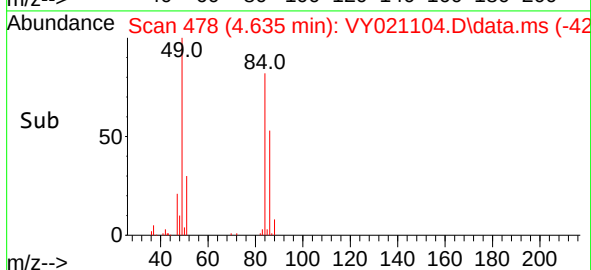
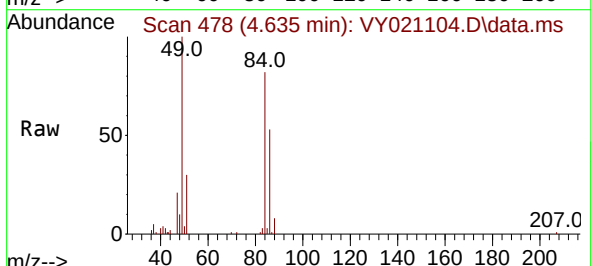
Manual Integrations
APPROVED

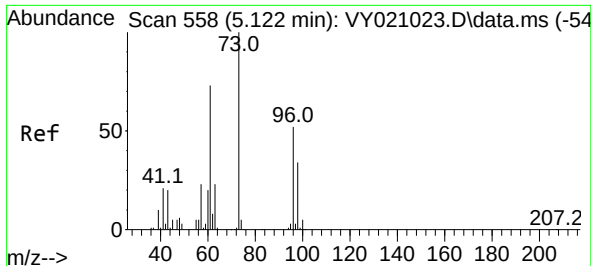
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#20
Methylene Chloride
Concen: 18.440 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

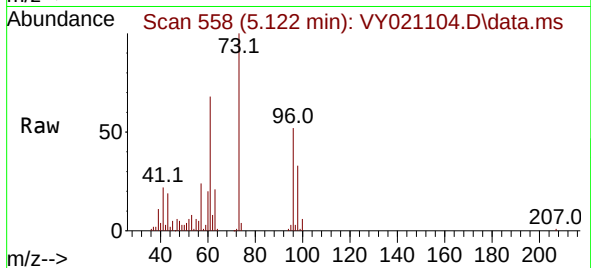
Tgt Ion: 84 Resp: 41816
Ion Ratio Lower Upper
84 100
49 122.2 95.2 142.8
51 36.5 29.9 44.9
86 64.6 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 18.023 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

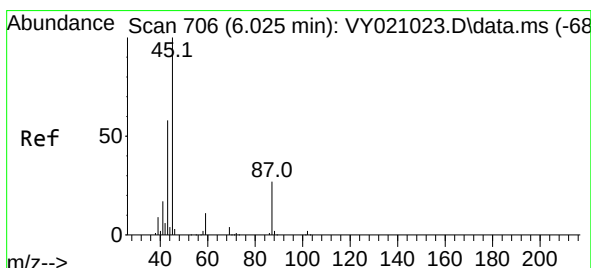
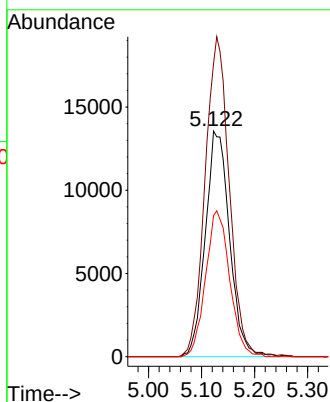
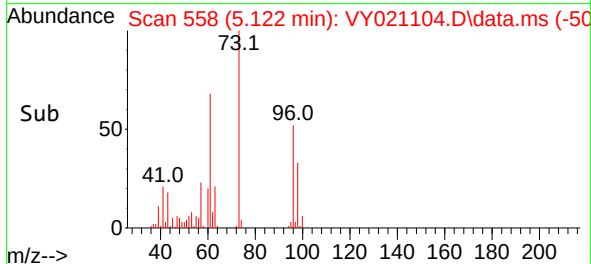
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



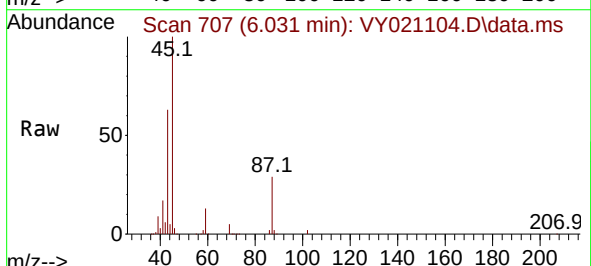
Tgt Ion: 96 Resp: 4318
Ion Ratio Lower Upper
96 100
61 129.9 104.6 156.8
98 62.5 50.9 76.3

Manual Integrations
APPROVED

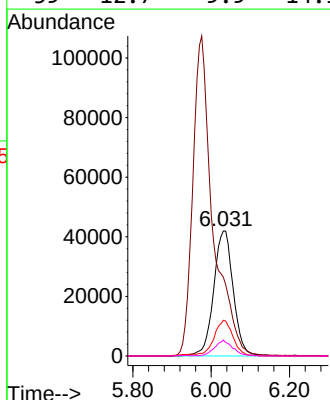
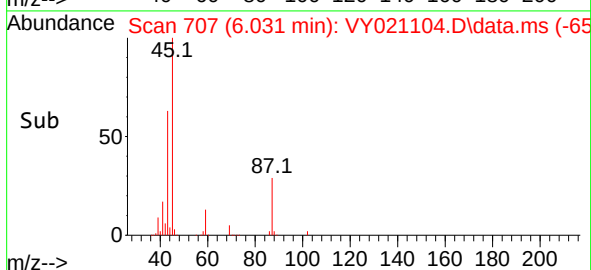
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

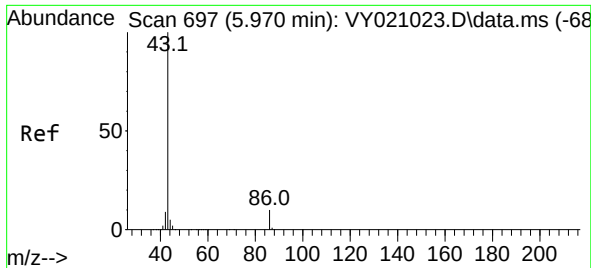


#22
Diisopropyl ether
Concen: 19.237 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51



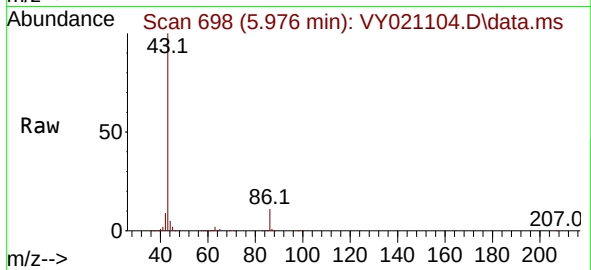
Tgt Ion: 45 Resp: 145466
Ion Ratio Lower Upper
45 100
43 62.6 46.8 70.2
87 28.6 22.2 33.2
59 12.7 9.9 14.9





#23
 Vinyl Acetate
 Concen: 91.371 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY021104.D
 Acq: 06 Feb 2025 10:51

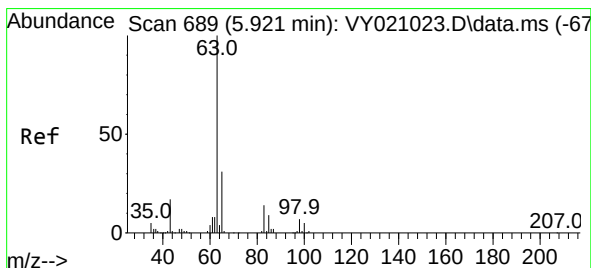
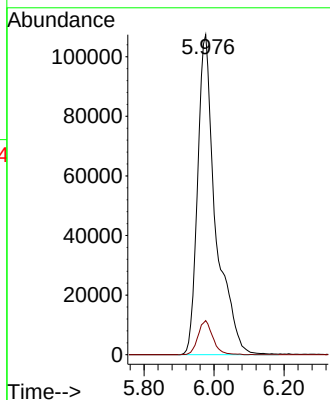
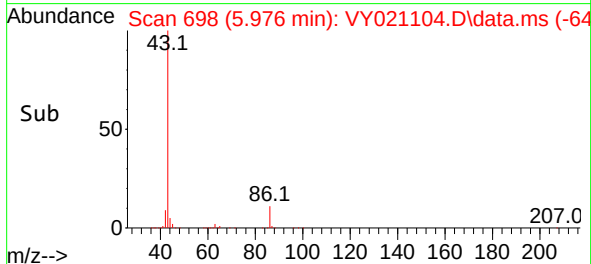
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01



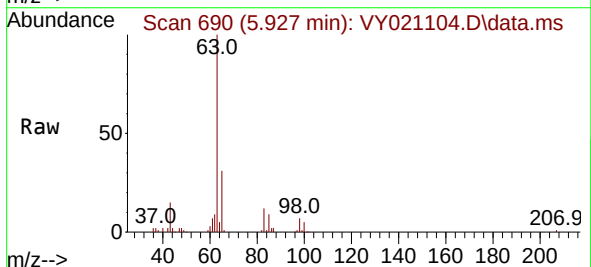
Tgt Ion: 43 Resp: 38516
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0

Manual Integrations
 APPROVED

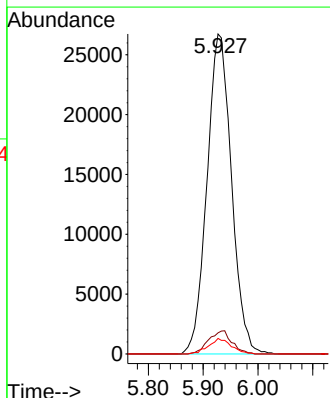
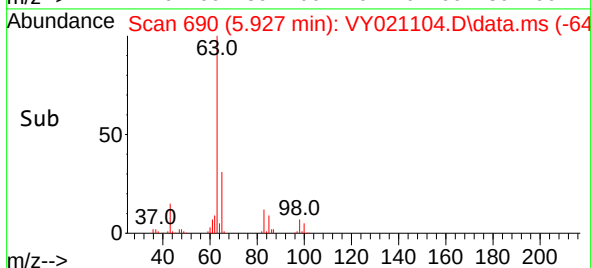
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

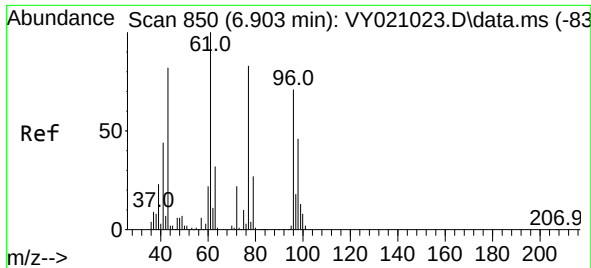


#24
 1,1-Dichloroethane
 Concen: 18.745 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021104.D
 Acq: 06 Feb 2025 10:51



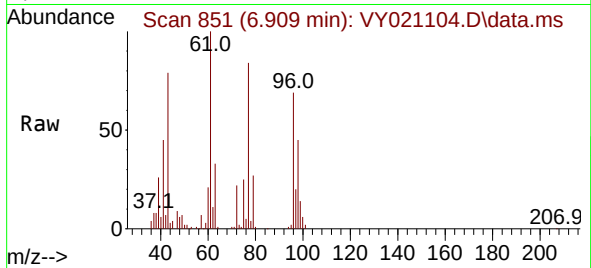
Tgt Ion: 63 Resp: 83045
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.9 2.1 6.2





#25
2-Butanone
Concen: 91.388 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

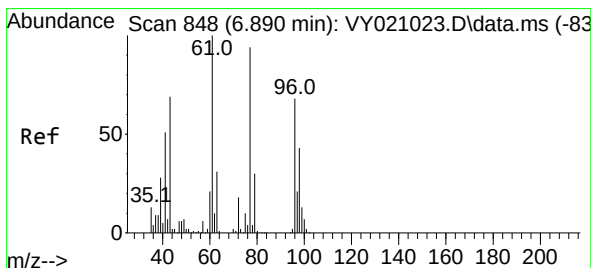
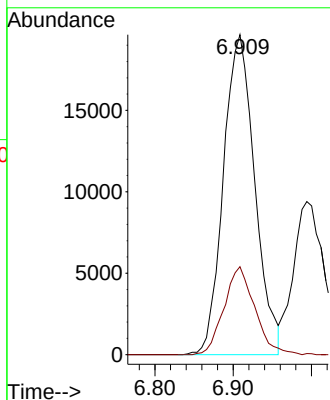
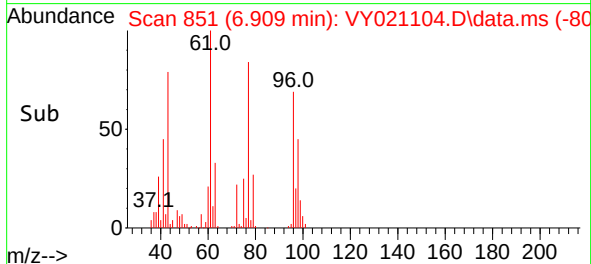
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



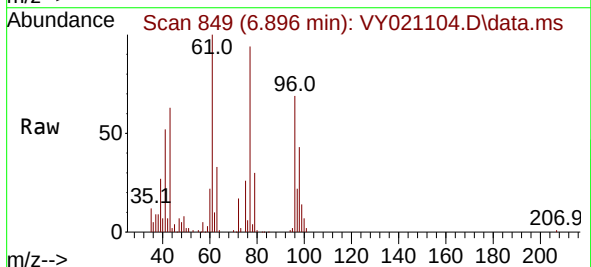
Tgt Ion: 43 Resp: 54780
Ion Ratio Lower Upper
43 100
72 27.5 21.4 32.2

Manual Integrations
APPROVED

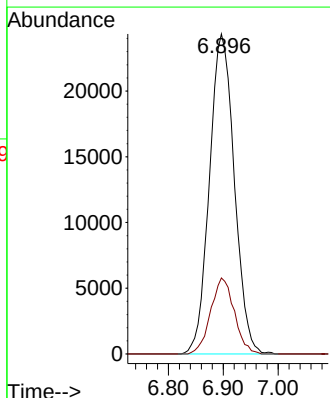
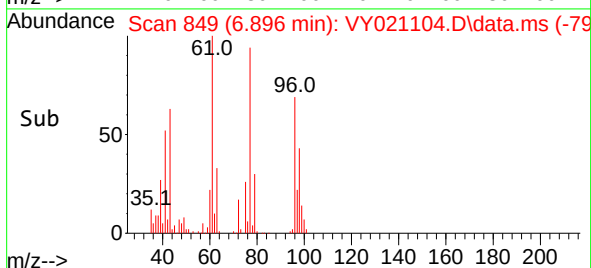
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

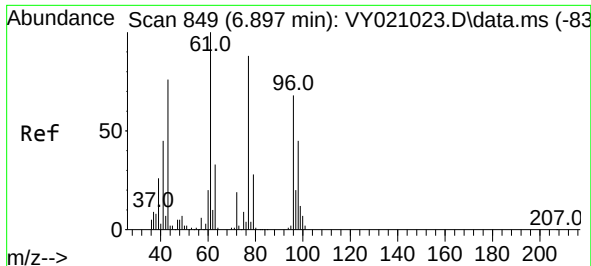


#26
2,2-Dichloropropane
Concen: 18.711 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51



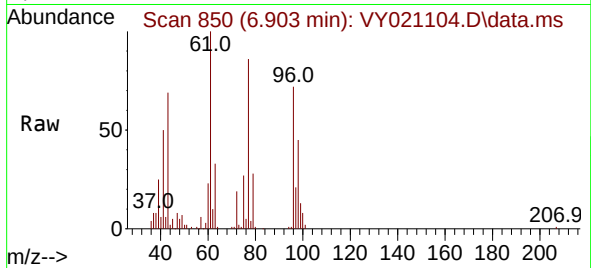
Tgt Ion: 77 Resp: 76702
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.793 ug/l
 RT: 6.903 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021104.D
 Acq: 06 Feb 2025 10:51

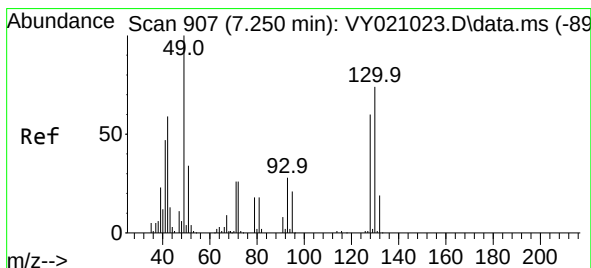
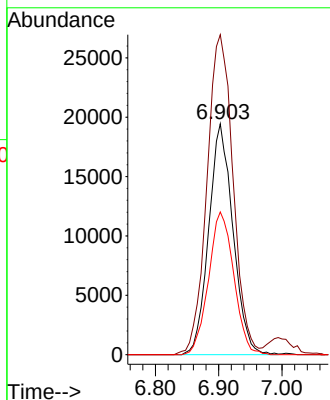
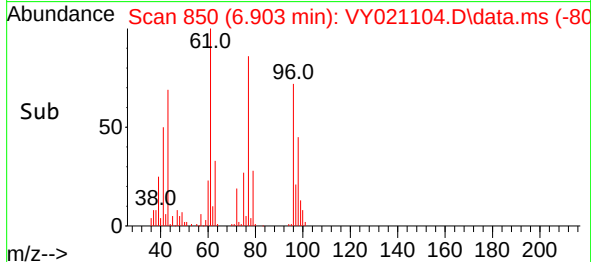
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01



Tgt Ion: 96 Resp: 5183
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 278.8
 98 64.3 0.0 127.0

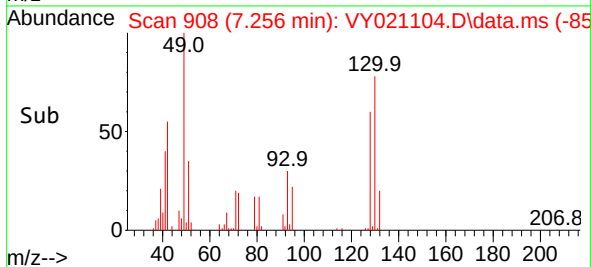
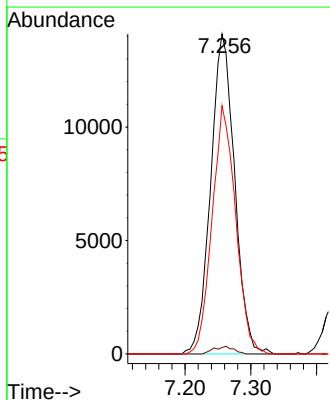
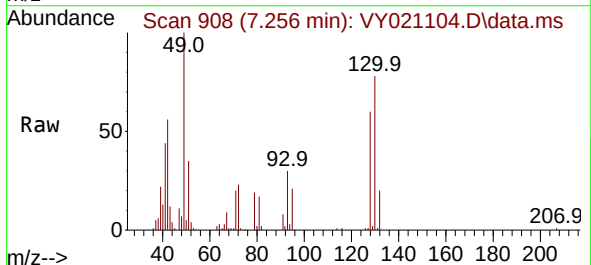
Manual Integrations
 APPROVED

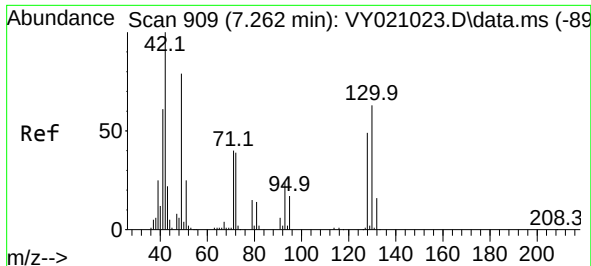
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#28
 Bromochloromethane
 Concen: 20.416 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021104.D
 Acq: 06 Feb 2025 10:51

Tgt Ion: 49 Resp: 35766
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 76.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 90.041 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

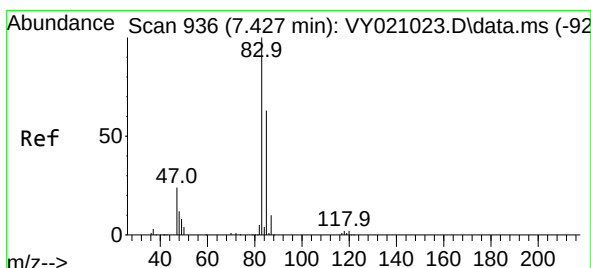
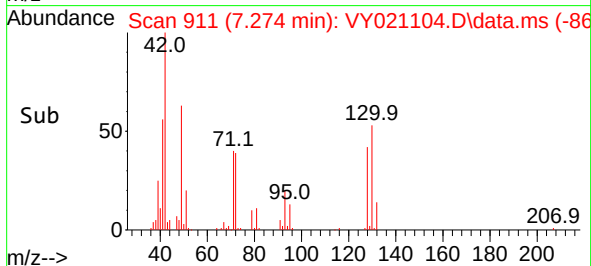
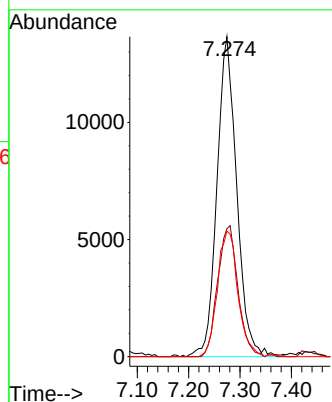
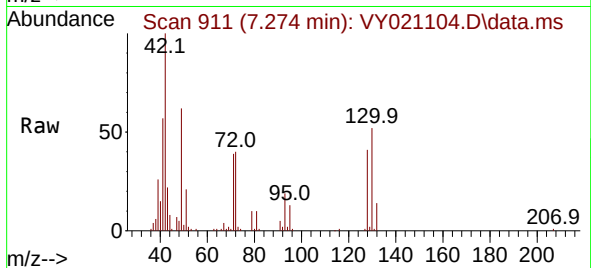
VY0206SBS01

Tgt Ion:	42	Resp:	3652
Ion Ratio	Lower	Upper	
42	100		
72	41.9	36.6	54.8
71	40.5	33.8	50.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#30

Chloroform

Concen: 18.804 ug/l

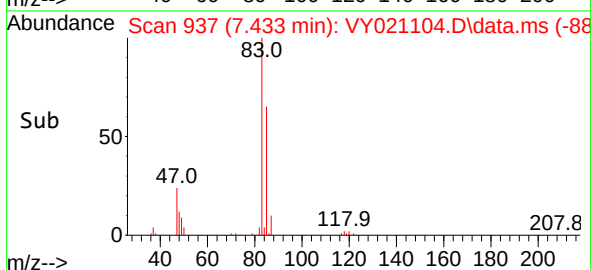
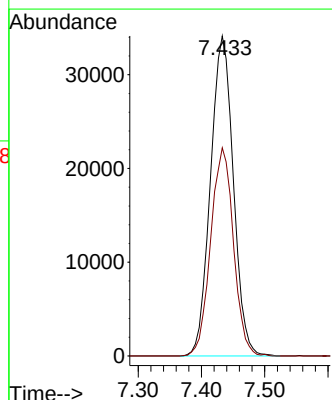
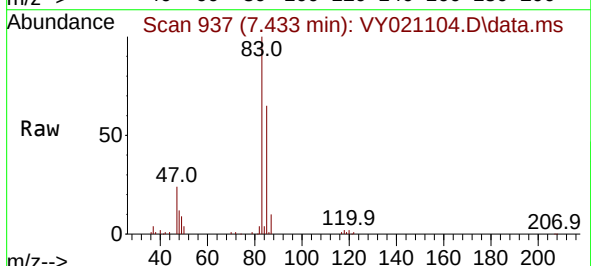
RT: 7.433 min Scan# 937

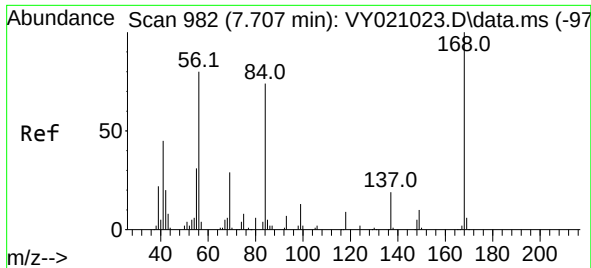
Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

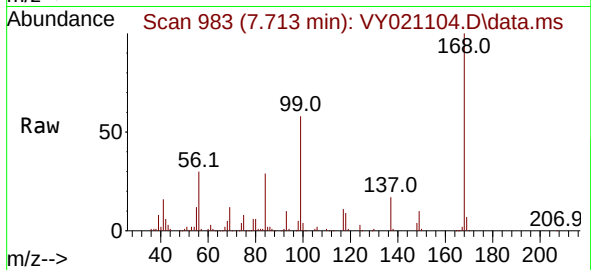
Tgt Ion:	83	Resp:	85569
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.2	76.8





#31
Cyclohexane
Concen: 17.735 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

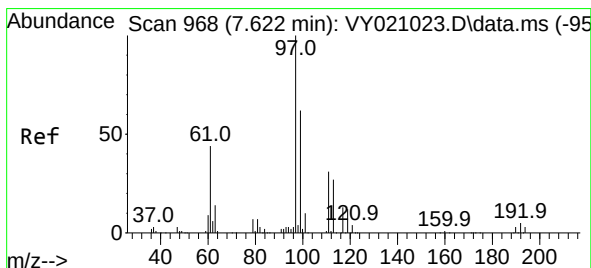
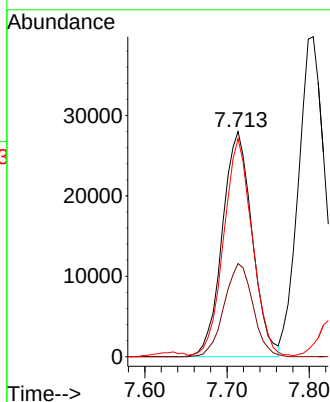
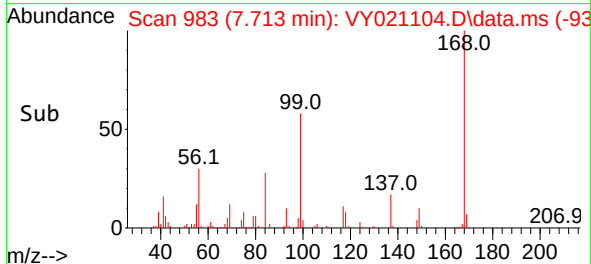
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



Tgt Ion: 56 Resp: 7075
Ion Ratio Lower Upper
56 100
69 41.4 27.0 40.6
84 95.4 71.8 107.6

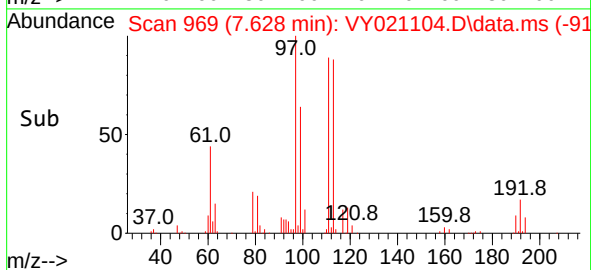
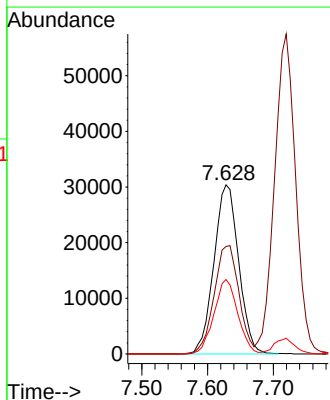
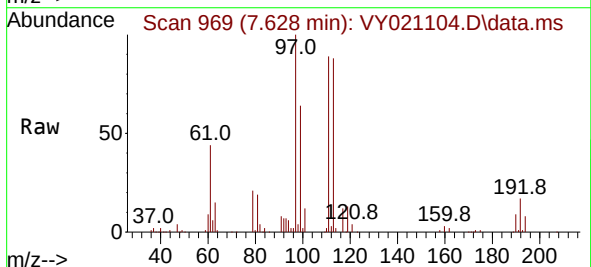
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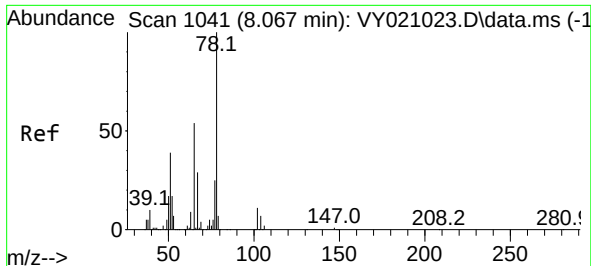
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#32
1,1,1-Trichloroethane
Concen: 18.830 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion: 97 Resp: 79668
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 42.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.760 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tgt Ion: 65 Resp: 11873

Ion Ratio Lower Upper

65 100

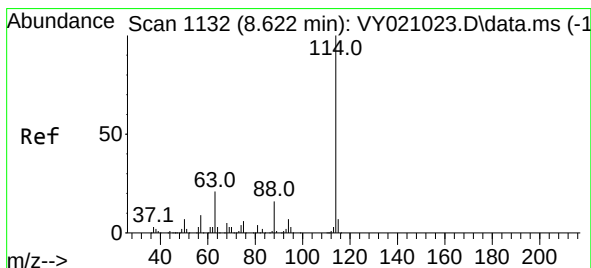
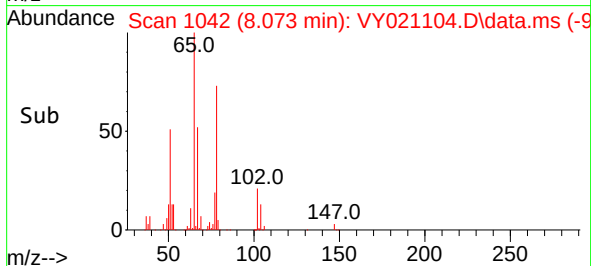
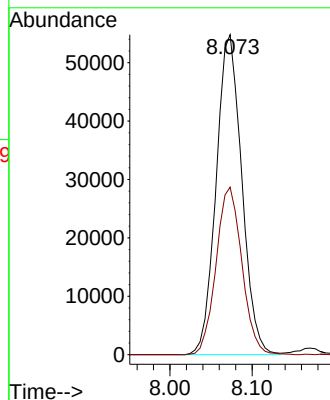
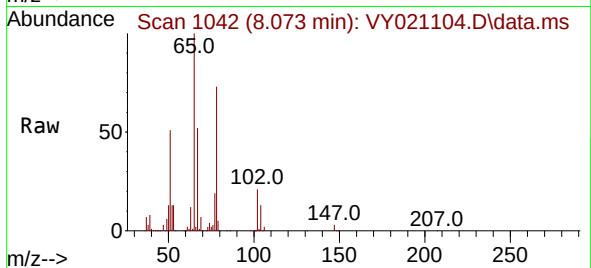
67 52.7 0.0 109.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

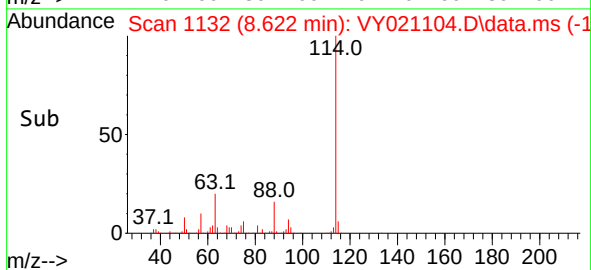
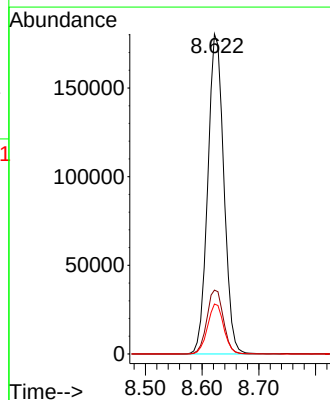
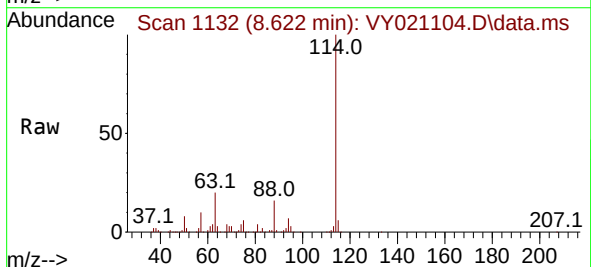
Tgt Ion:114 Resp: 354381

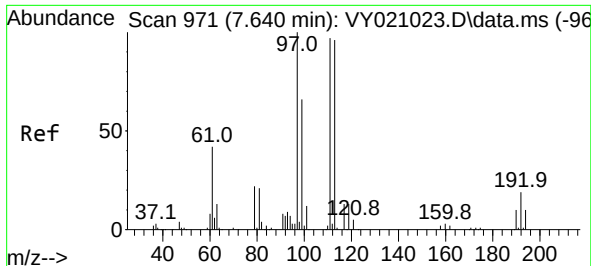
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

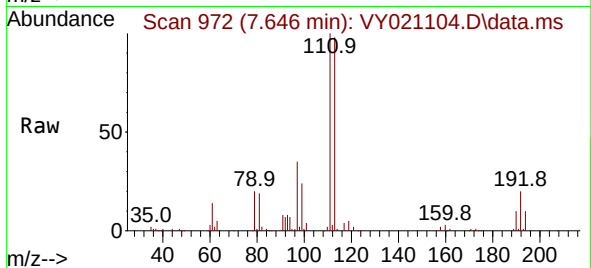
88 15.6 0.0 29.0





#35
Dibromofluoromethane
Concen: 52.331 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

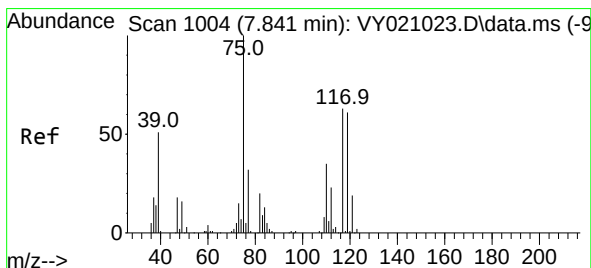
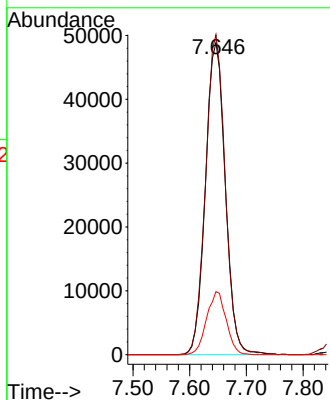
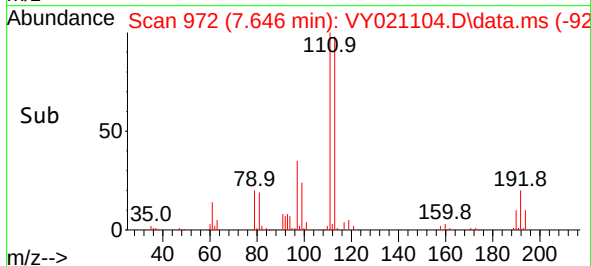
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



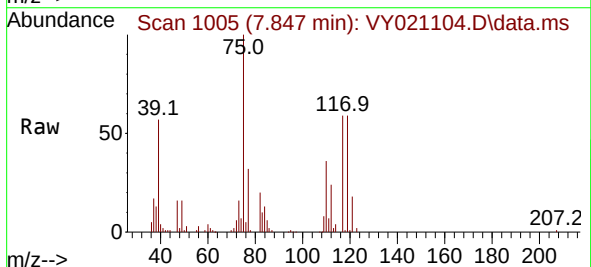
Tgt Ion:113 Resp: 118850
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 19.9 14.5 21.7

Manual Integrations
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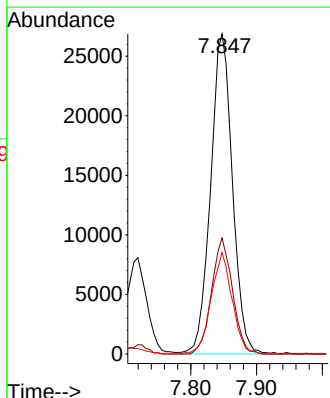
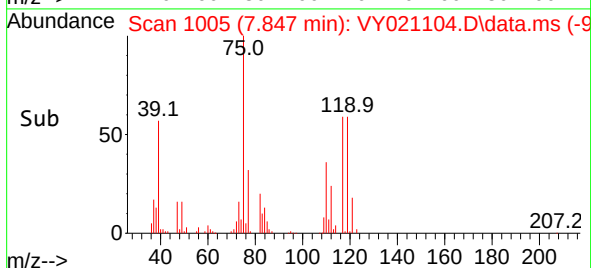
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

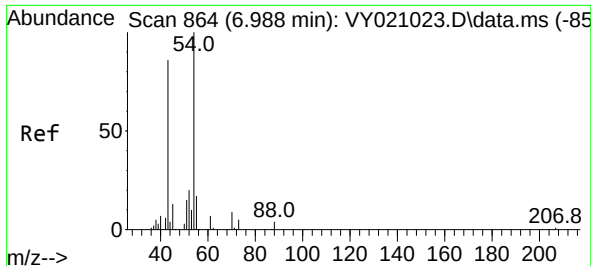


#36
1,1-Dichloropropene
Concen: 18.462 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51



Tgt Ion: 75 Resp: 62105
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.3
77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 18.342 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021104.D

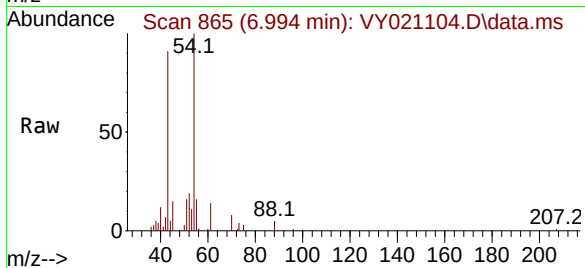
Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

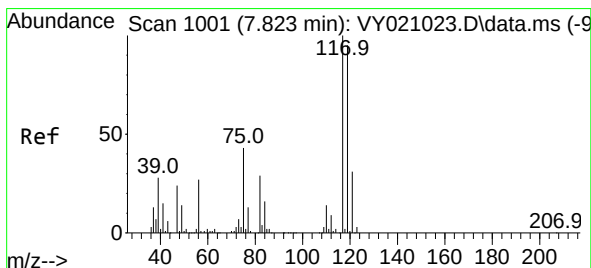
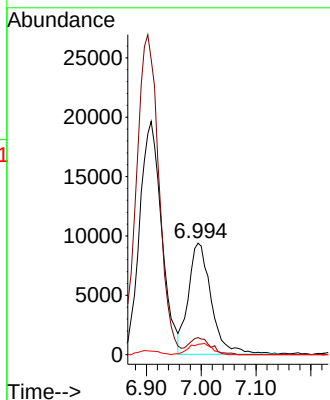
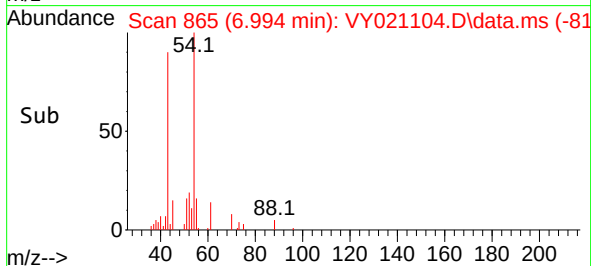
VY0206SBS01



Tgt Ion:	43	Resp:	2706
Ion Ratio	Lower	Upper	
43	100		
61	15.0	11.0	16.6
70	10.1	8.1	12.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#38

Carbon Tetrachloride

Concen: 18.422 ug/l

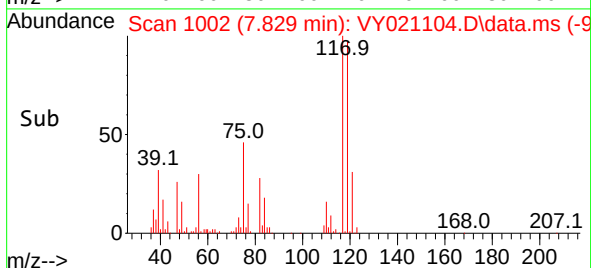
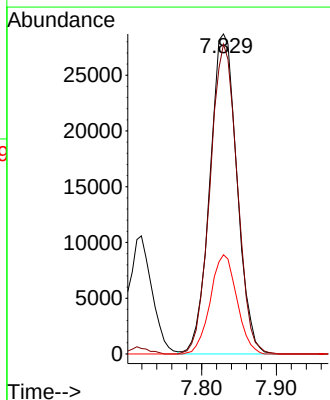
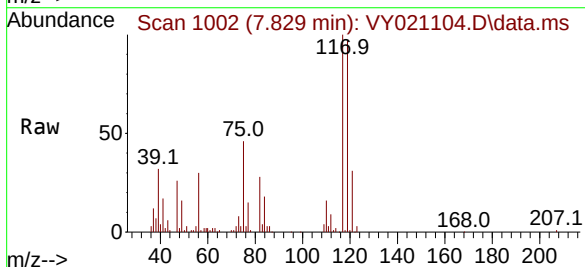
RT: 7.829 min Scan# 1002

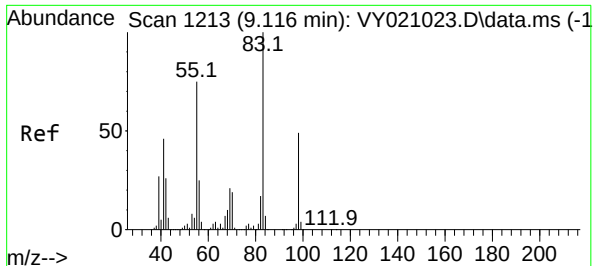
Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Tgt Ion:	117	Resp:	72408
Ion Ratio	Lower	Upper	
117	100		
119	96.8	76.0	114.0
121	31.0	24.2	36.2





#39

Methylcyclohexane

Concen: 18.105 ug/l

RT: 9.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

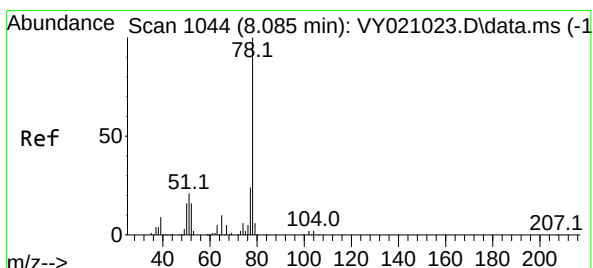
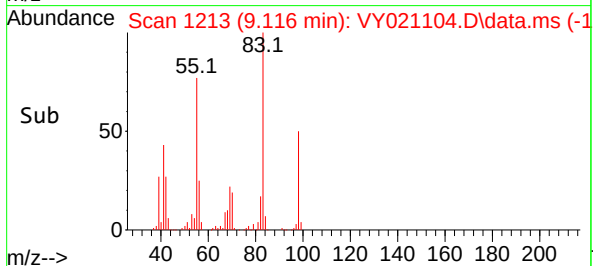
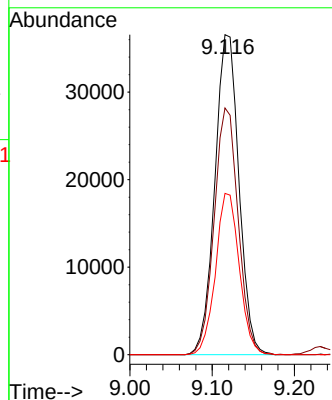
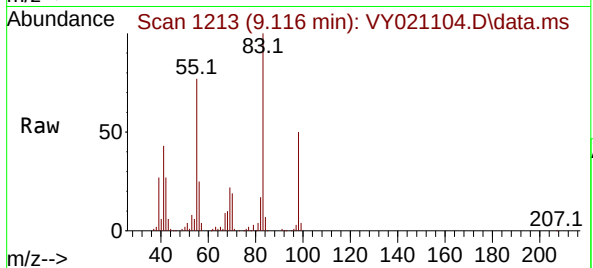
VY0206SBS01

Tgt Ion: 83	Resp: 74498
Ion Ratio	Lower Upper
83	100
55	77.1 59.7 89.5
98	50.4 38.0 57.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#40

Benzene

Concen: 18.541 ug/l

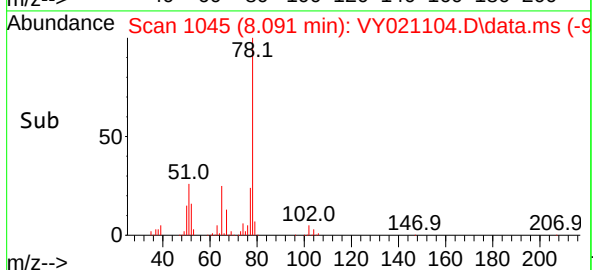
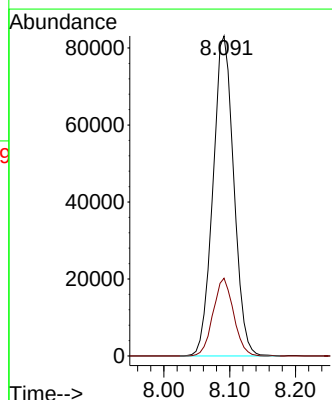
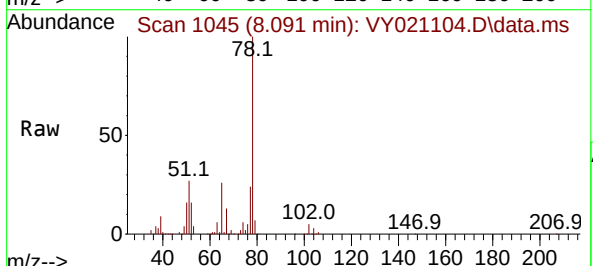
RT: 8.091 min Scan# 1045

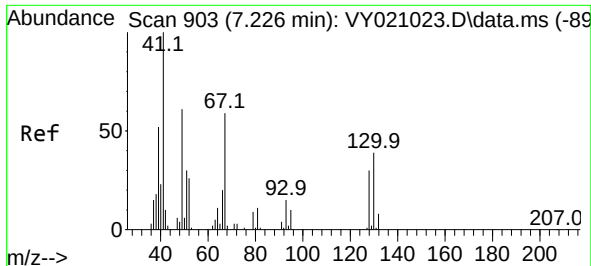
Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

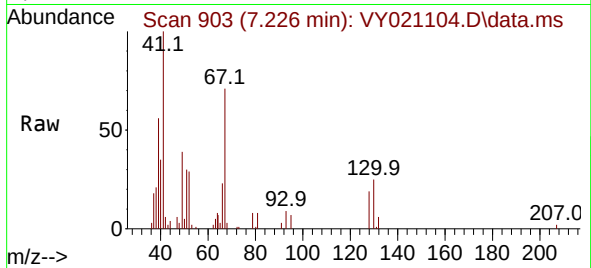
Tgt Ion: 78	Resp: 183038
Ion Ratio	Lower Upper
78	100
77	24.3 18.8 28.2





#41
Methacrylonitrile
Concen: 18.043 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

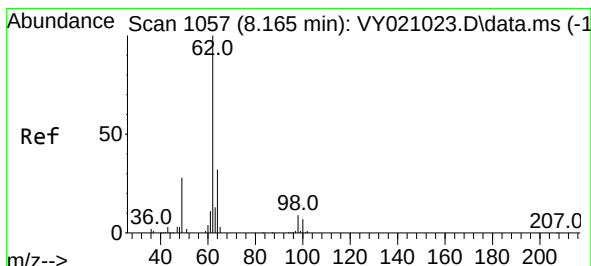
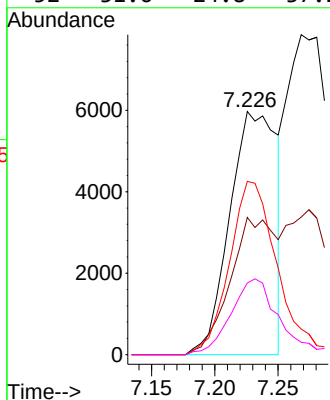
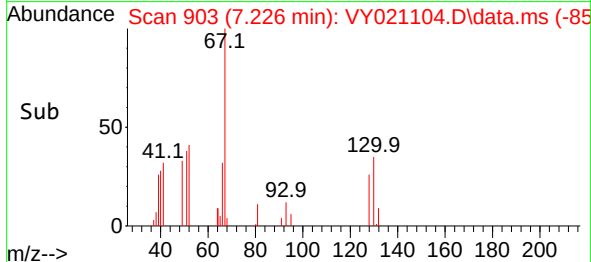
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



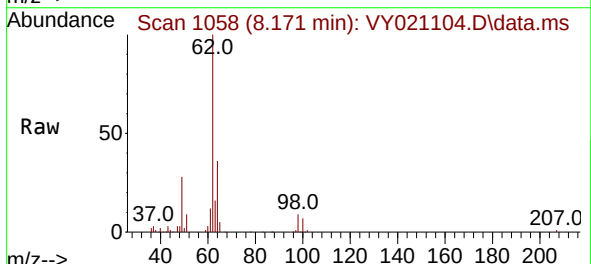
Tgt Ion: 41 Resp: 15404
Ion Ratio Lower Upper
41 100
39 55.2 41.9 62.9
67 72.9 59.8 89.6
52 31.6 24.8 37.2

Manual Integrations
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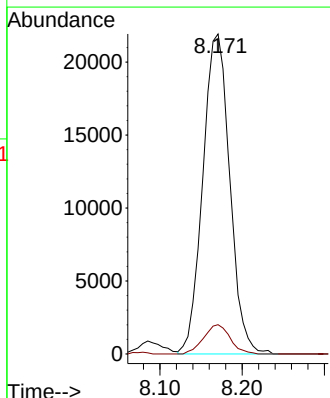
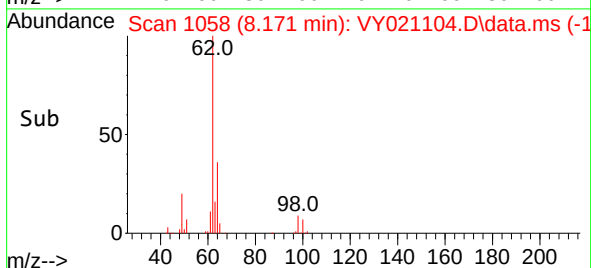
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

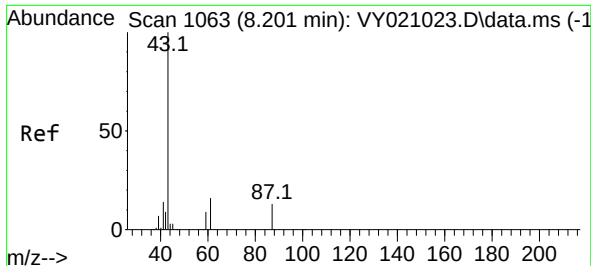


#42
1,2-Dichloroethane
Concen: 18.258 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51



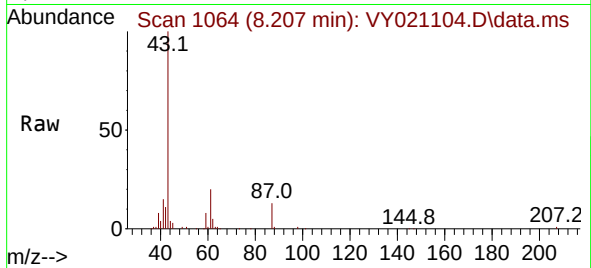
Tgt Ion: 62 Resp: 49998
Ion Ratio Lower Upper
62 100
98 9.0 0.0 20.2





#43
Isopropyl Acetate
Concen: 17.909 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

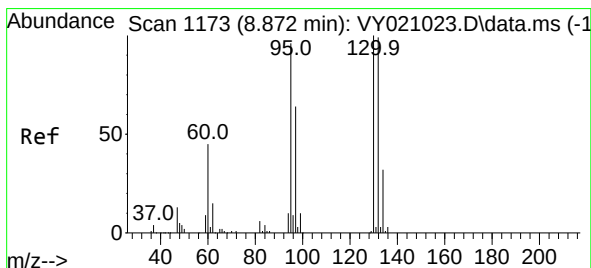
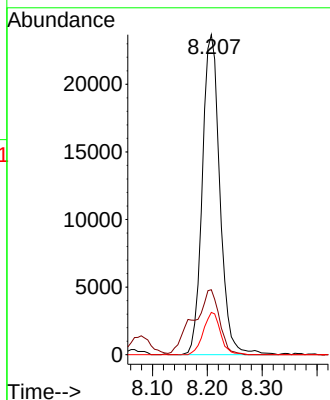
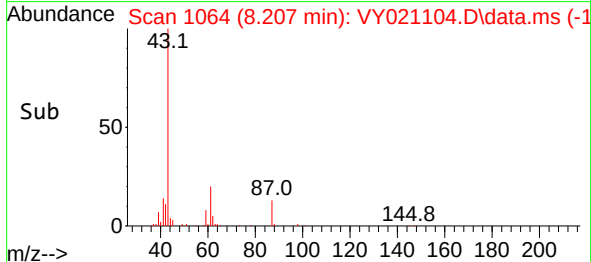
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



Tgt Ion: 43 Resp: 5251
Ion Ratio Lower Upper
43 100
61 30.1 24.8 37.2
87 12.9 10.7 16.1

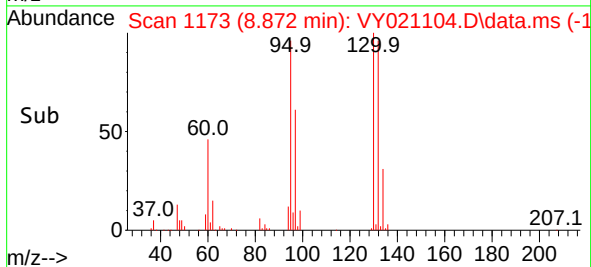
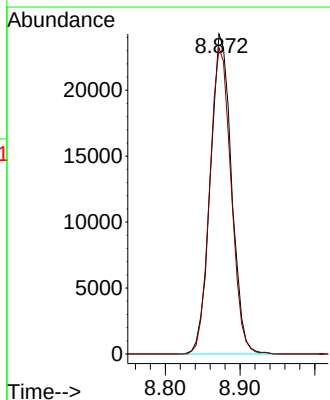
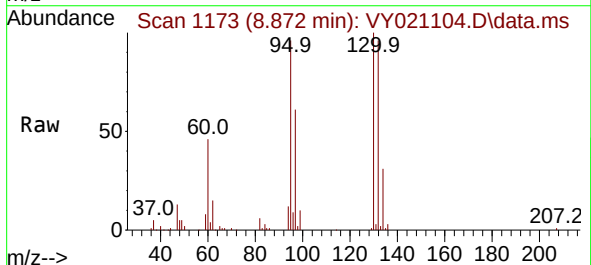
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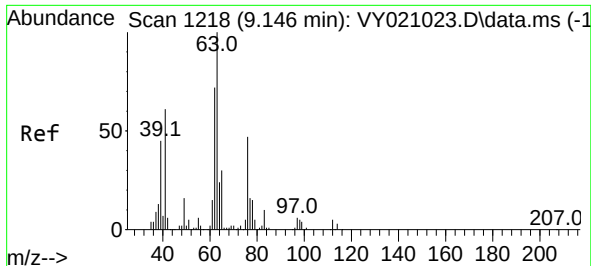
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#44
Trichloroethene
Concen: 18.733 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion:130 Resp: 47778
Ion Ratio Lower Upper
130 100
95 95.6 0.0 203.8





#45

1,2-Dichloropropane

Concen: 18.744 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tgt Ion: 63 Resp: 43920

Ion Ratio Lower Upper

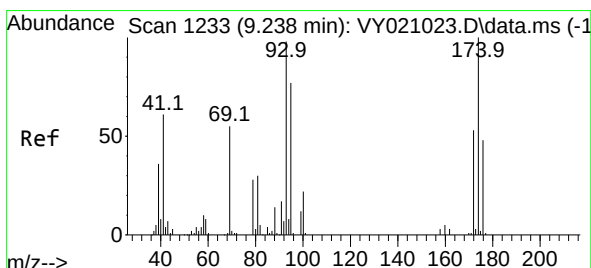
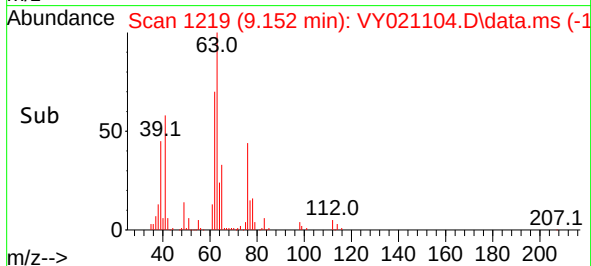
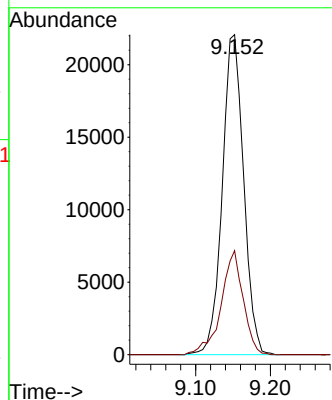
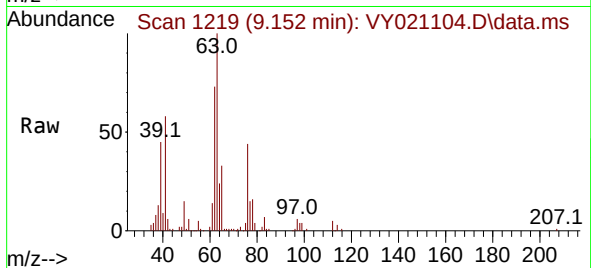
63 100

65 32.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#46

Dibromomethane

Concen: 18.157 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

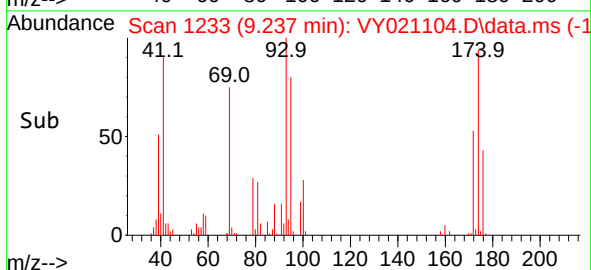
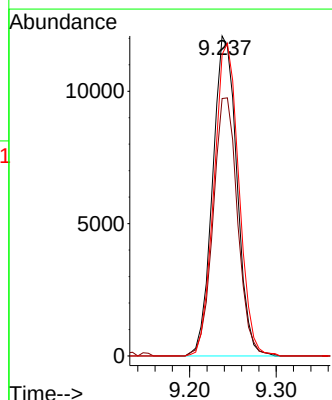
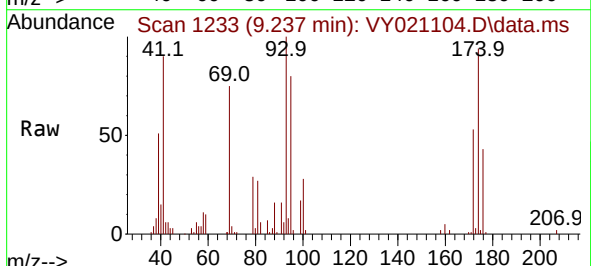
Tgt Ion: 93 Resp: 23555

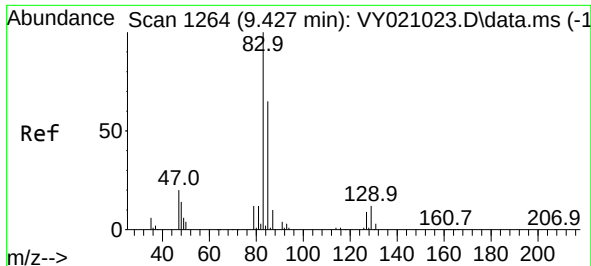
Ion Ratio Lower Upper

93 100

95 81.4 66.6 99.8

174 100.0 73.8 110.6





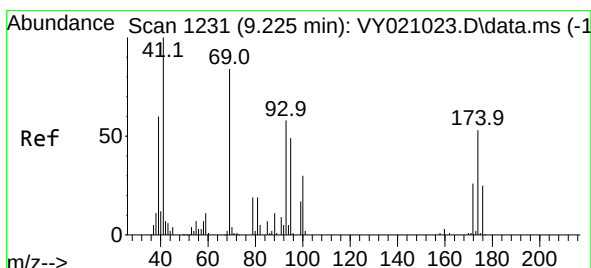
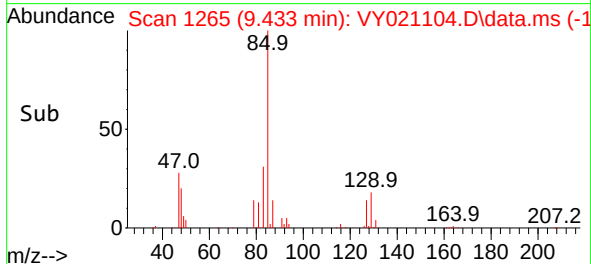
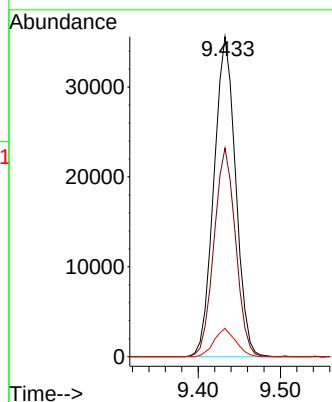
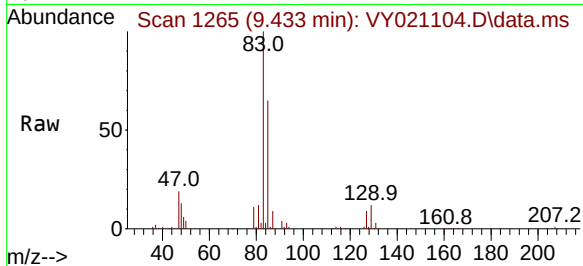
#47
Bromodichloromethane
Concen: 18.764 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion: 83 Resp: 6528
Ion Ratio Lower Upper
83 100
85 65.2 53.2 79.8
127 8.8 6.4 9.6

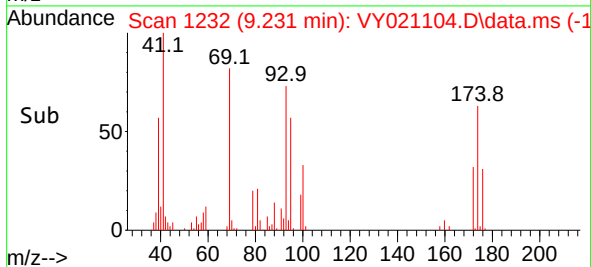
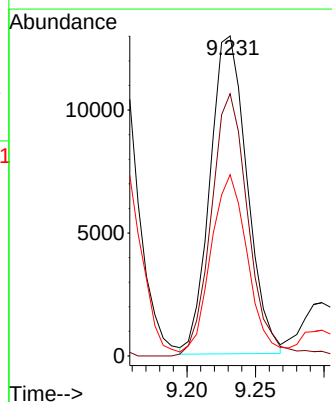
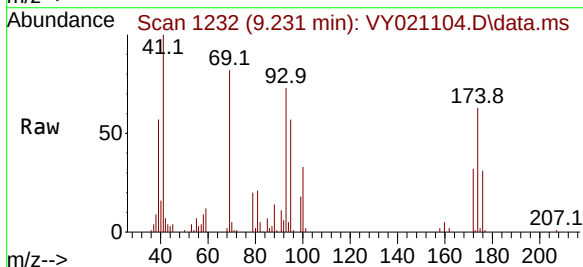
Manual Integrations
APPROVED

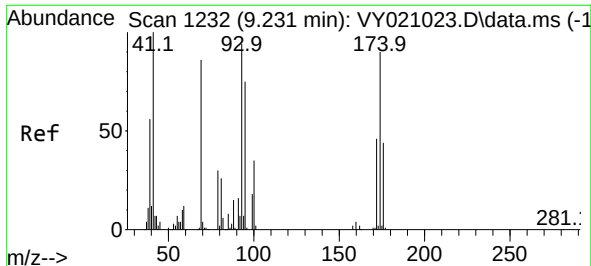
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#48
Methyl methacrylate
Concen: 18.224 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion: 41 Resp: 24341
Ion Ratio Lower Upper
41 100
69 82.4 72.1 108.1
39 54.4 42.8 64.2





#49

1,4-Dioxane

Concen: 382.294 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

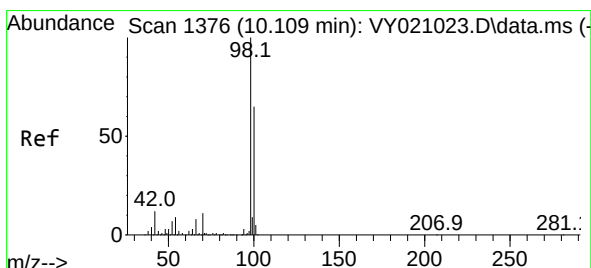
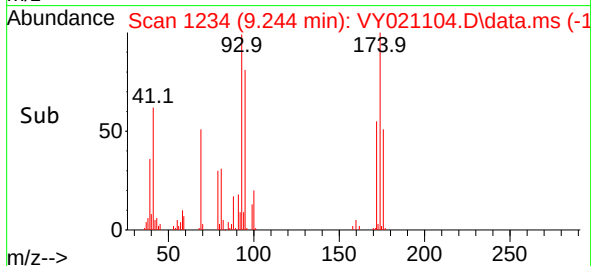
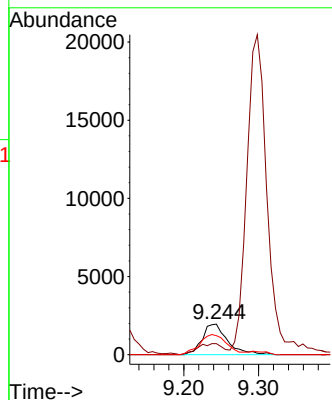
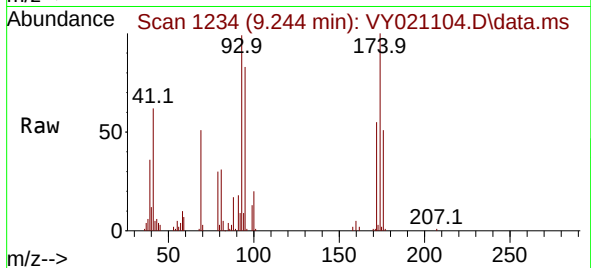
VY0206SBS01

Tgt Ion: 88	Resp: 461
Ion Ratio	Lower Upper
88 100	
43 37.4	28.2 42.4
58 70.7	52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#50

Toluene-d8

Concen: 51.952 ug/l

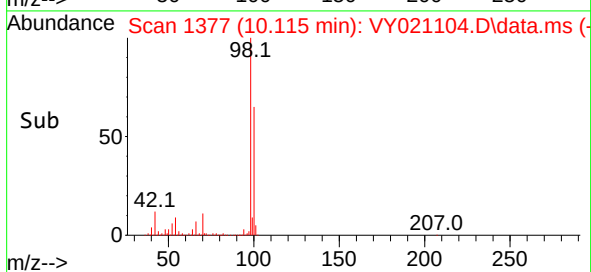
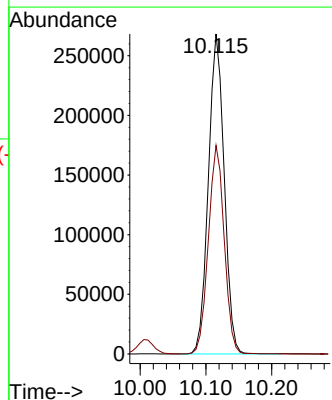
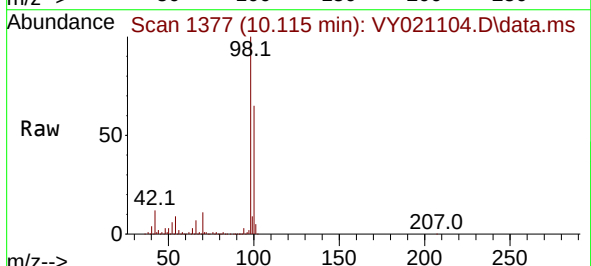
RT: 10.115 min Scan# 1377

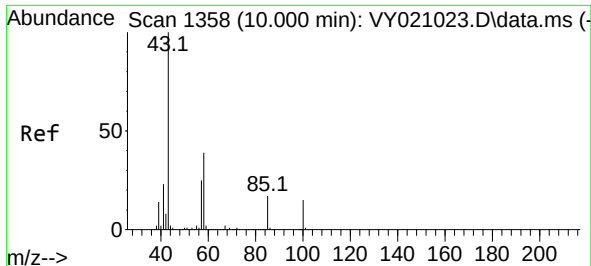
Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Tgt Ion: 98	Resp: 449193
Ion Ratio	Lower Upper
98 100	
100 65.2	52.3 78.5





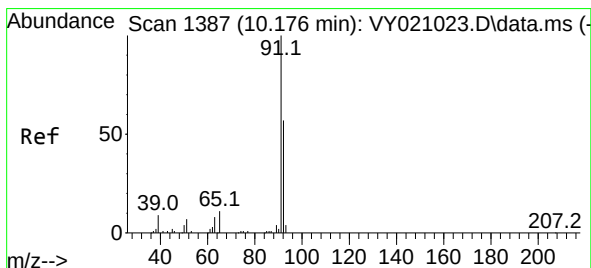
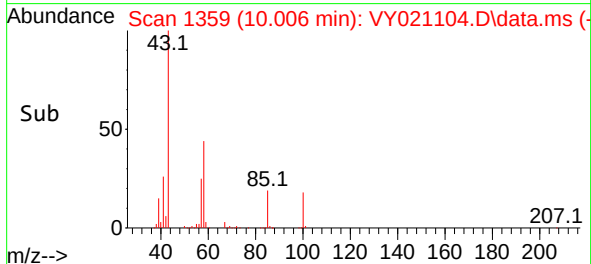
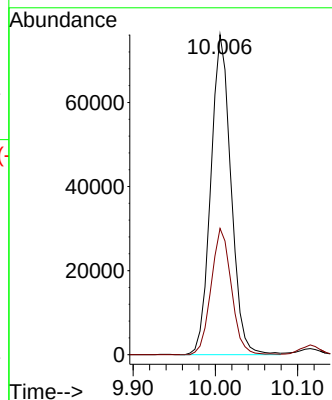
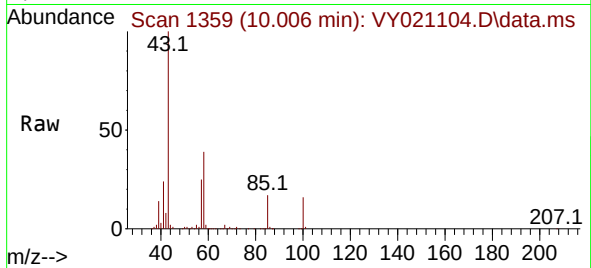
#51
4-Methyl-2-Pentanone
Concen: 88.023 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion: 43 Resp: 12979
Ion Ratio Lower Upper
43 100
58 39.5 32.2 48.2

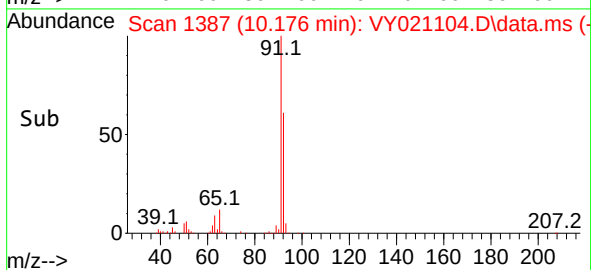
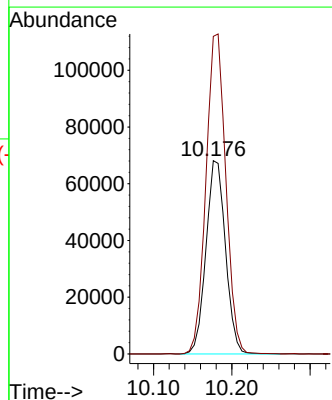
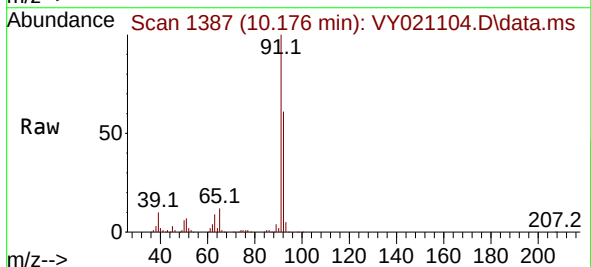
Manual Integrations
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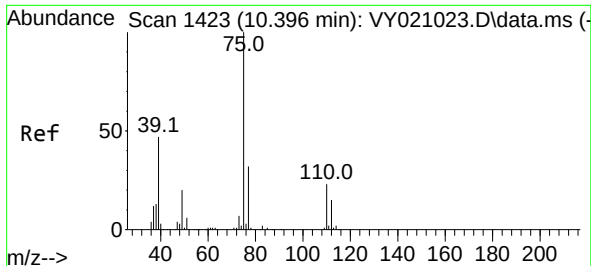
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#52
Toluene
Concen: 19.003 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion: 92 Resp: 117791
Ion Ratio Lower Upper
92 100
91 168.5 137.6 206.4





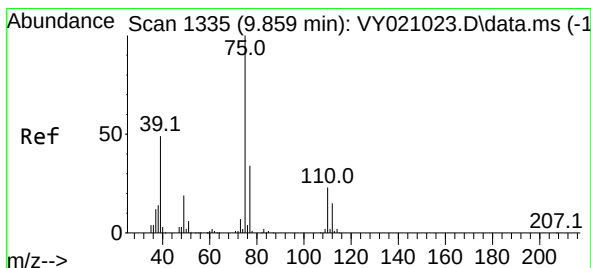
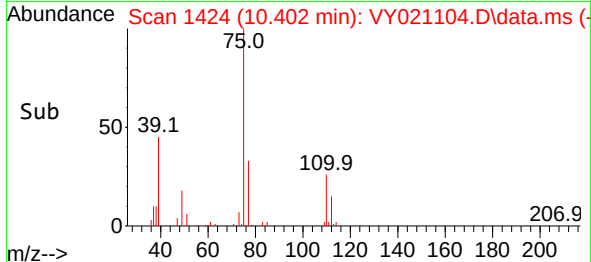
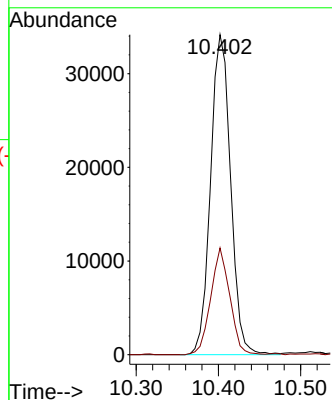
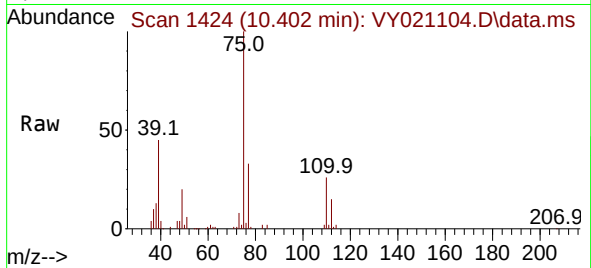
#53
 t-1,3-Dichloropropene
 Concen: 18.536 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021104.D
 Acq: 06 Feb 2025 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tgt Ion: 75 Resp: 57910
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.6 36.8

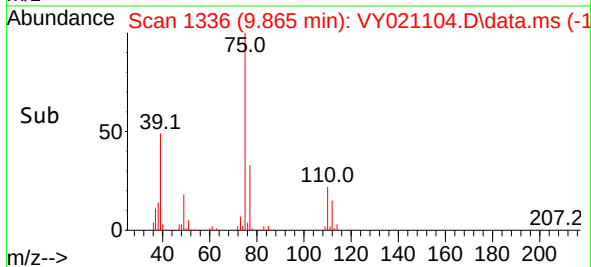
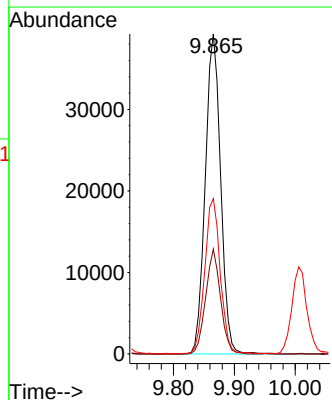
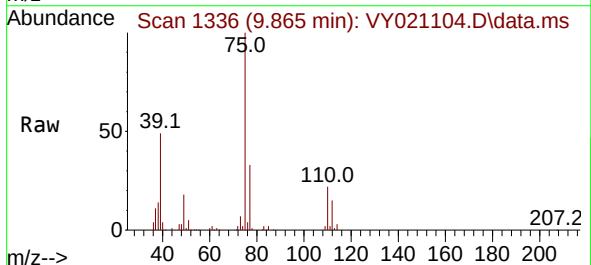
Manual Integrations
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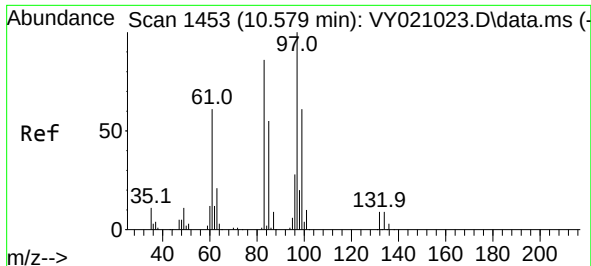
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#54
 cis-1,3-Dichloropropene
 Concen: 18.626 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021104.D
 Acq: 06 Feb 2025 10:51

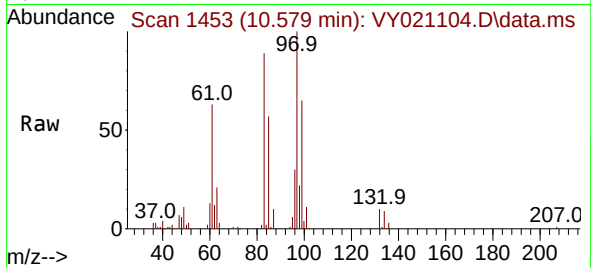
Tgt Ion: 75 Resp: 68900
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.6 36.8
 39 48.6 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 18.271 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

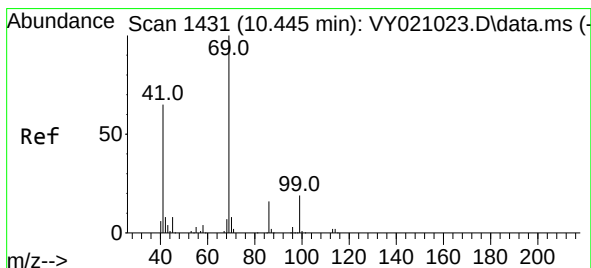
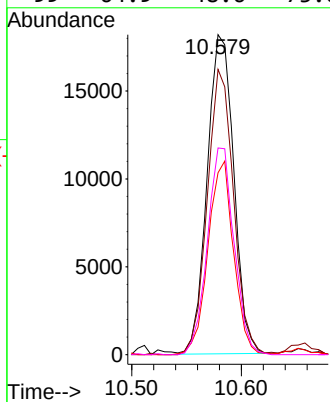
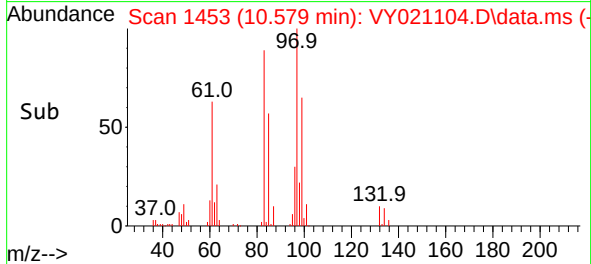
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



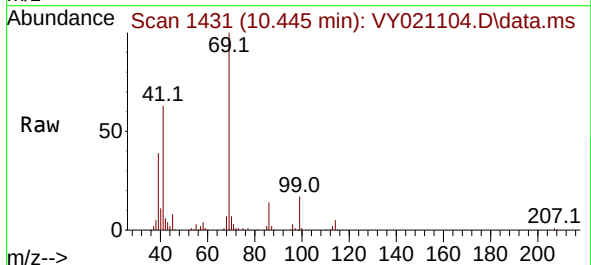
Tgt Ion:	97	Resp:	3069
Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.4	104.2
85	56.8	43.9	65.9
99	64.9	48.6	73.0

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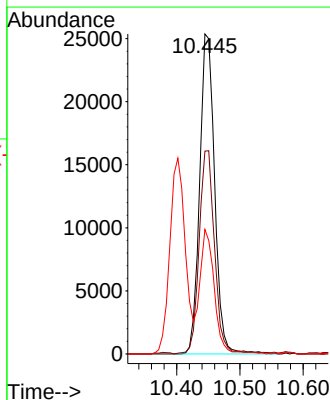
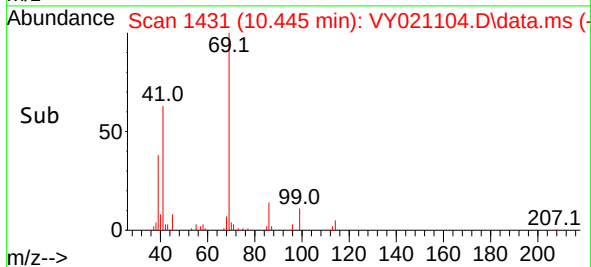
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

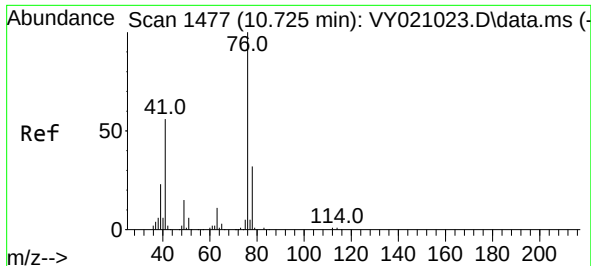


#56
Ethyl methacrylate
Concen: 18.683 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51



Tgt Ion:	69	Resp:	41989
Ion	Ratio	Lower	Upper
69	100		
41	65.0	49.2	73.8
39	37.5	26.8	40.2





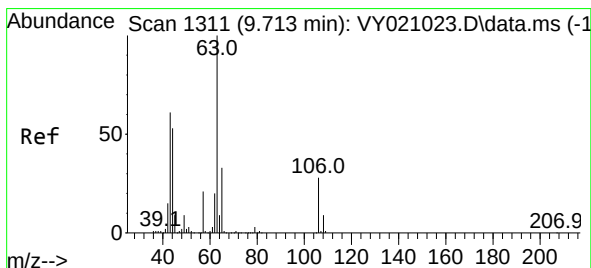
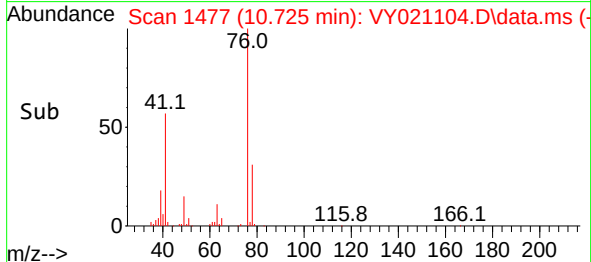
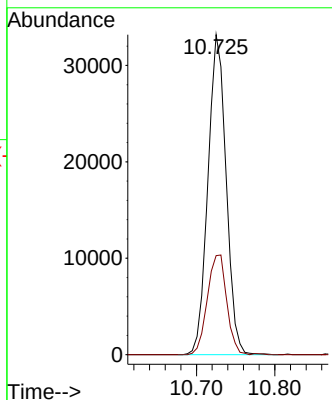
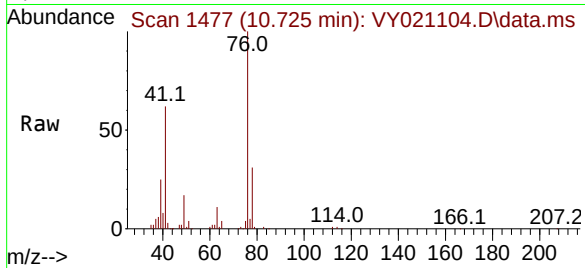
#57
1,3-Dichloropropane
Concen: 18.419 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion: 76 Resp: 53560
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1

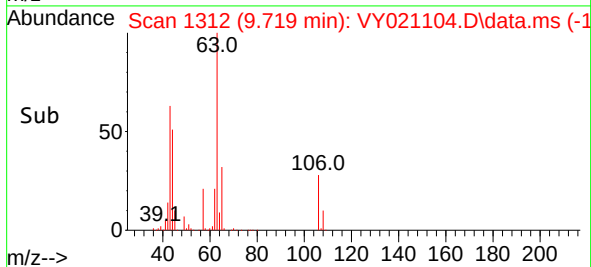
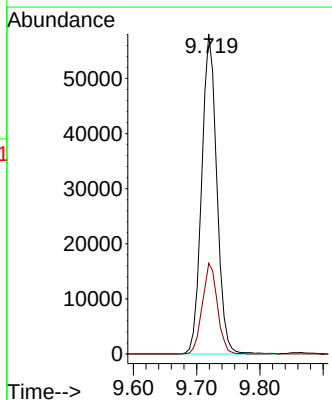
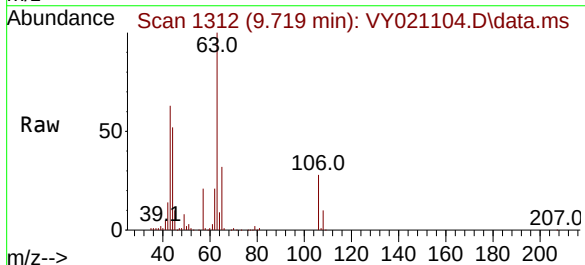
Manual Integrations
APPROVED

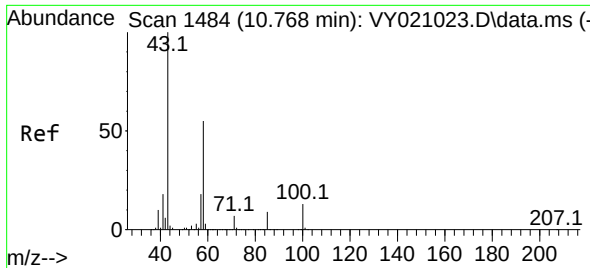
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#58
2-Chloroethyl Vinyl ether
Concen: 90.528 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

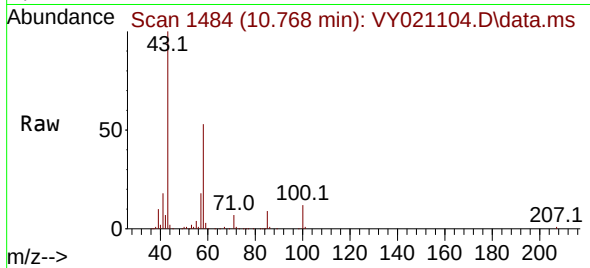
Tgt Ion: 63 Resp: 96792
Ion Ratio Lower Upper
63 100
106 28.2 22.4 33.6





#59
2-Hexanone
Concen: 89.274 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

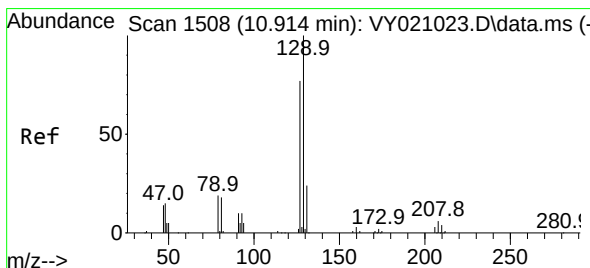
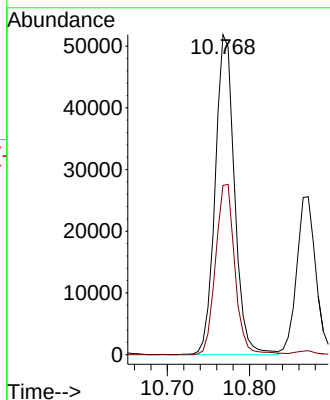
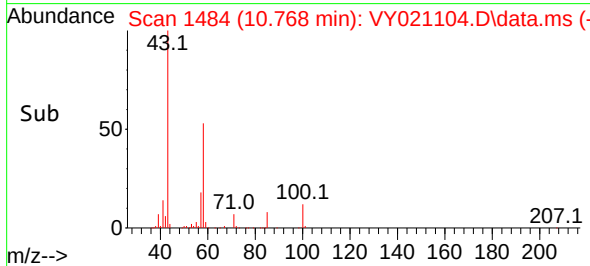
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



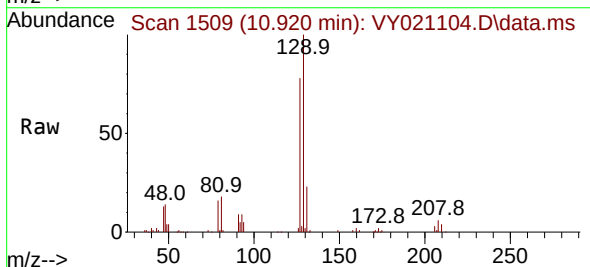
Tgt Ion: 43 Resp: 8475
Ion Ratio Lower Upper
43 100
58 53.2 28.1 84.3

Manual Integrations
APPROVED

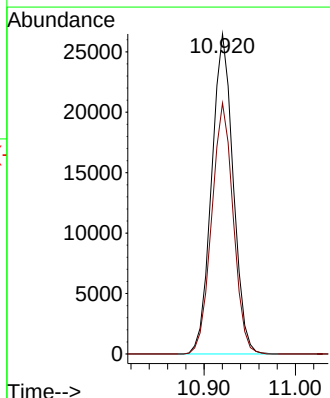
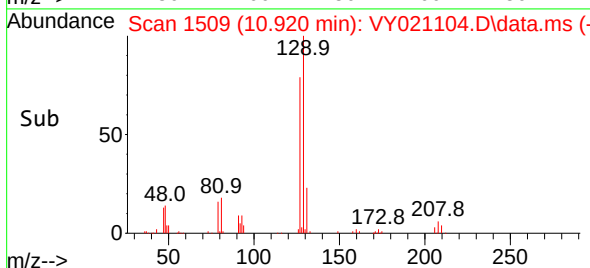
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

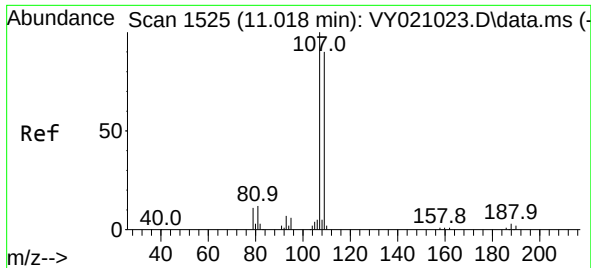


#60
Dibromochloromethane
Concen: 18.382 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51



Tgt Ion:129 Resp: 43368
Ion Ratio Lower Upper
129 100
127 78.1 39.2 117.6





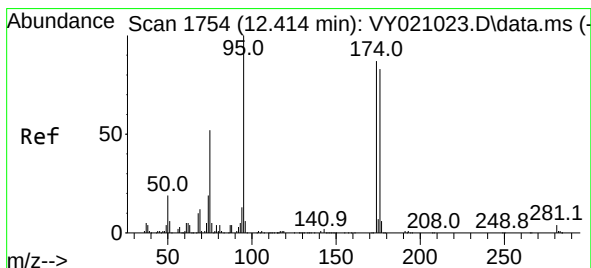
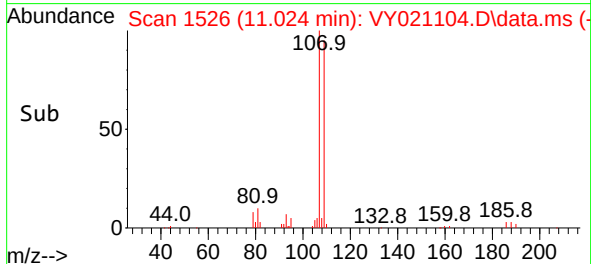
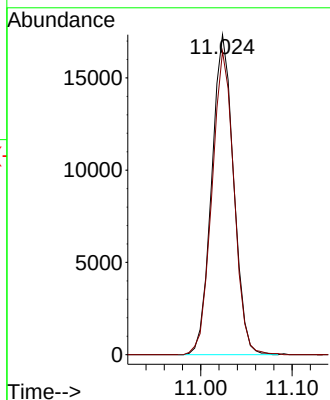
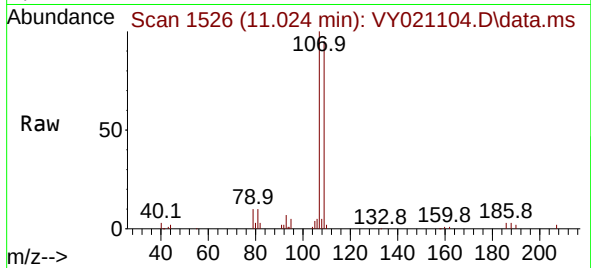
#61
1,2-Dibromoethane
Concen: 18.349 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion:107 Resp: 2887
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2

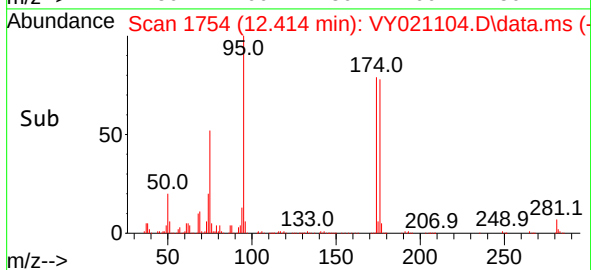
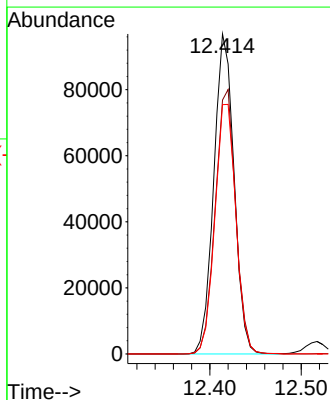
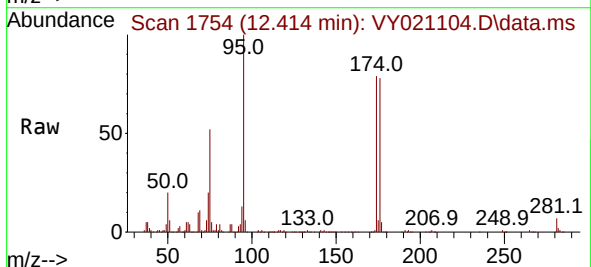
Manual Integrations
APPROVED

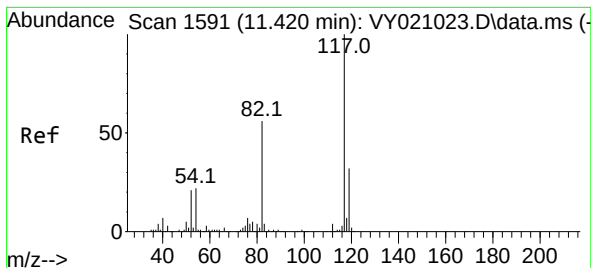
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#62
4-Bromofluorobenzene
Concen: 52.837 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion: 95 Resp: 149248
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# 1591

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

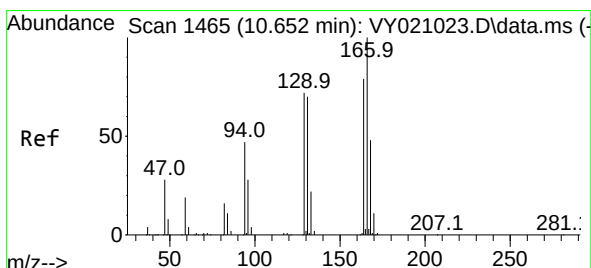
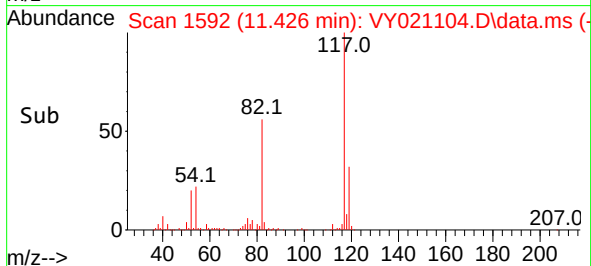
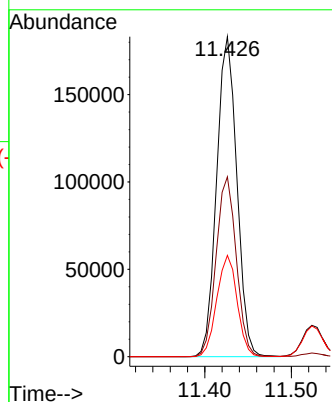
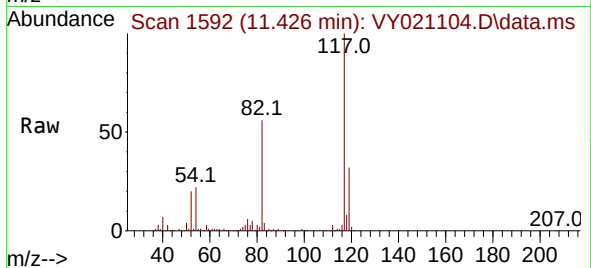
Tgt Ion:117 Resp: 297430

Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.8	65.8
119	31.7	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#64

Tetrachloroethene

Concen: 19.081 ug/l

RT: 10.658 min Scan# 1466

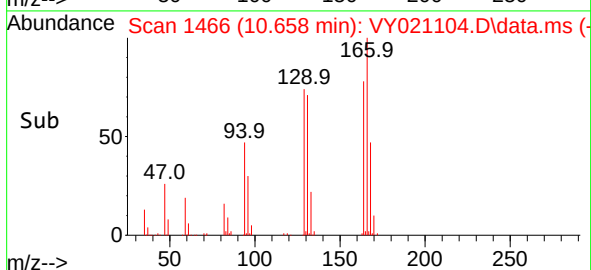
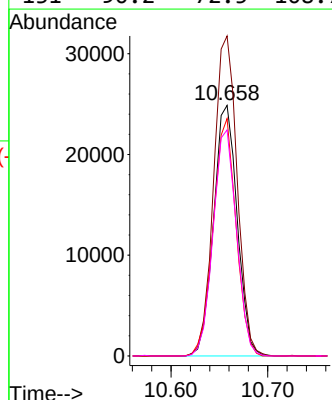
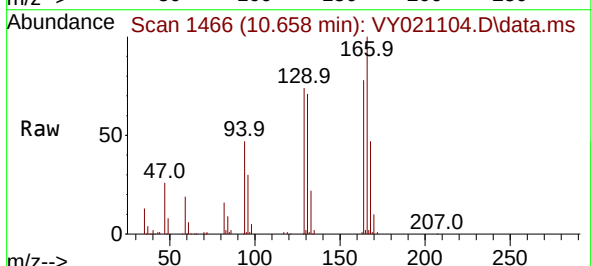
Delta R.T. 0.006 min

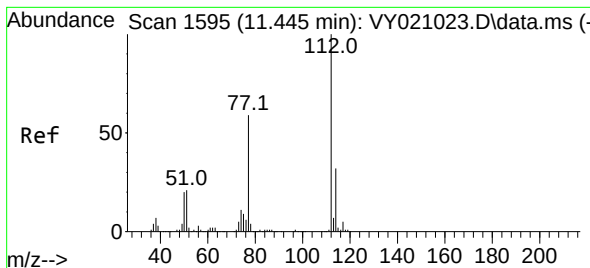
Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Tgt Ion:164 Resp: 42130

Ion	Ratio	Lower	Upper
164	100		
166	127.7	98.8	148.2
129	94.7	78.9	118.3
131	90.2	72.5	108.7





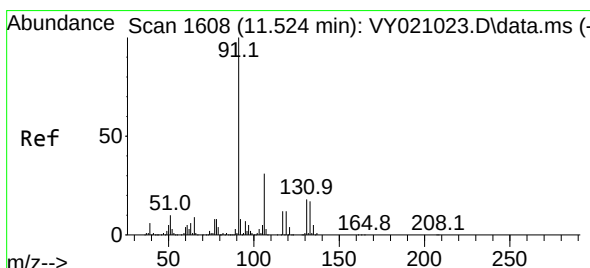
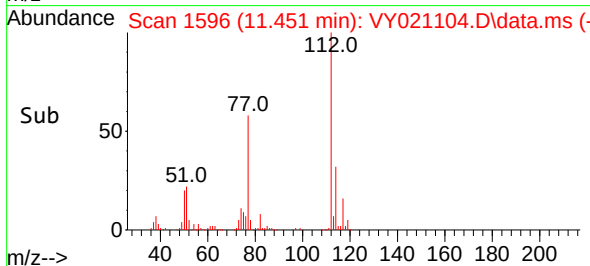
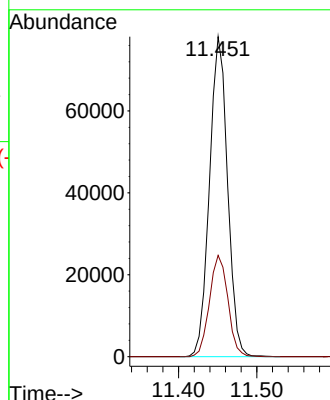
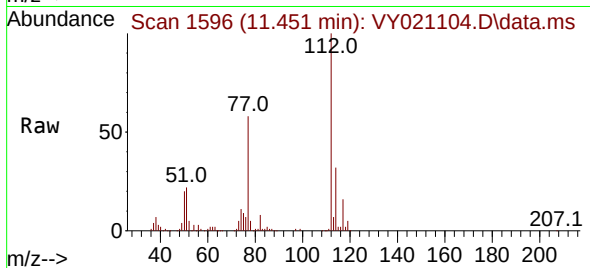
#65
Chlorobenzene
Concen: 18.891 ug/l
RT: 11.451 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion:112 Resp: 125110
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1

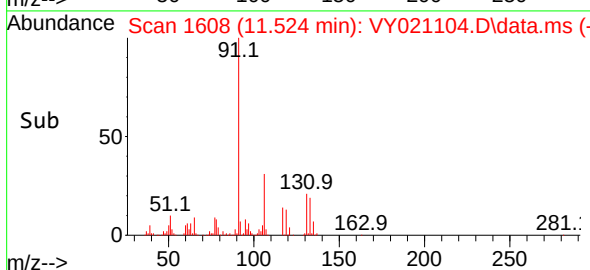
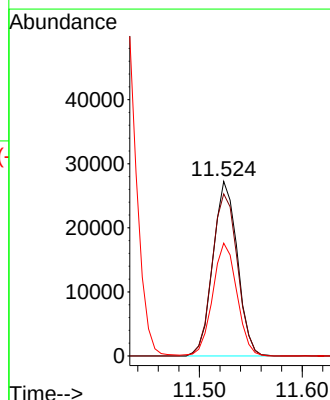
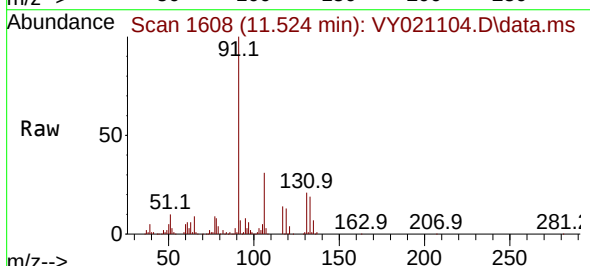
Manual Integrations
APPROVED

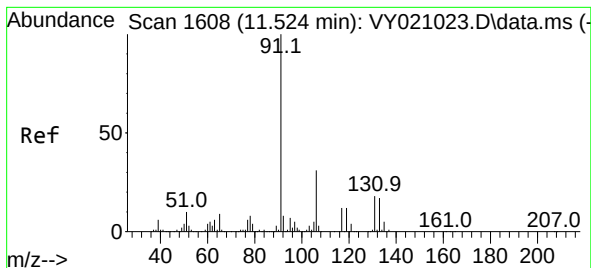
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.051 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion:131 Resp: 44839
Ion Ratio Lower Upper
131 100
133 96.5 47.0 141.0
119 64.3 33.3 99.9





#67

Ethyl Benzene

Concen: 19.180 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tgt Ion: 91 Resp: 224679

Ion Ratio Lower Upper

91 100

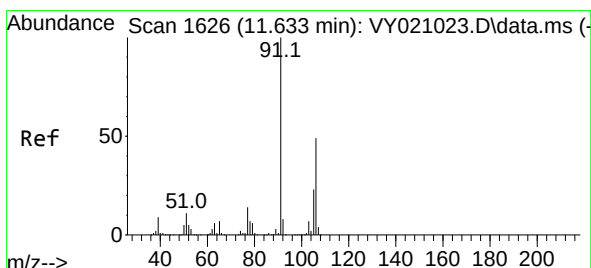
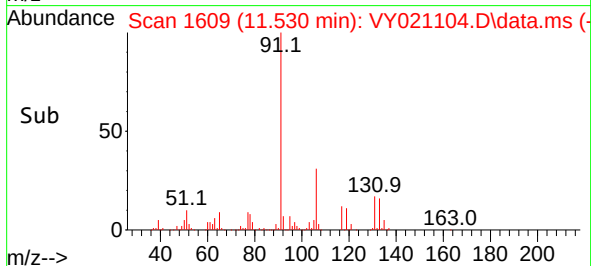
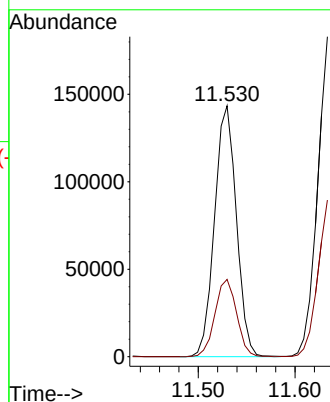
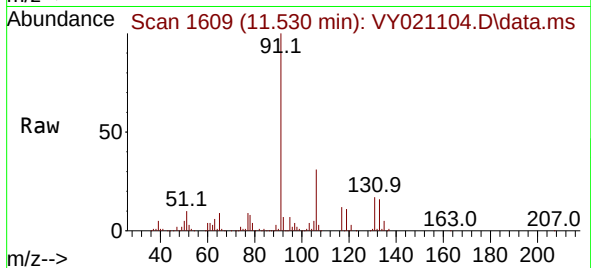
106 30.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#68

m/p-Xylenes

Concen: 38.591 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021104.D

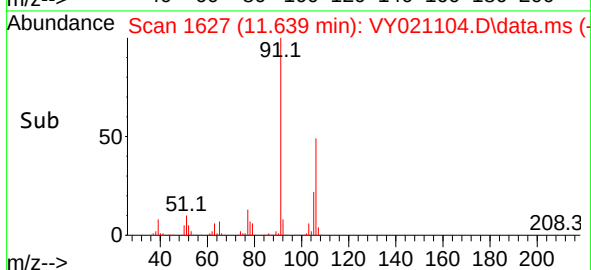
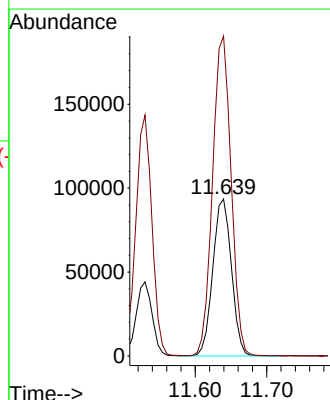
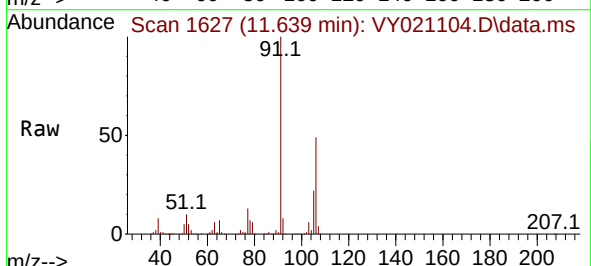
Acq: 06 Feb 2025 10:51

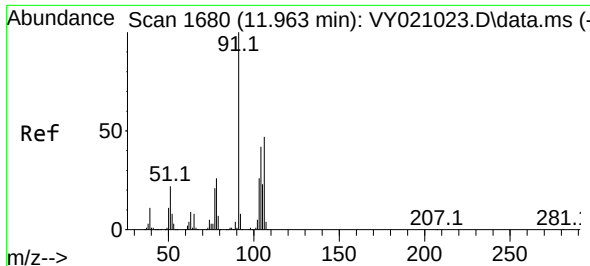
Tgt Ion:106 Resp: 169115

Ion Ratio Lower Upper

106 100

91 203.5 160.7 241.1





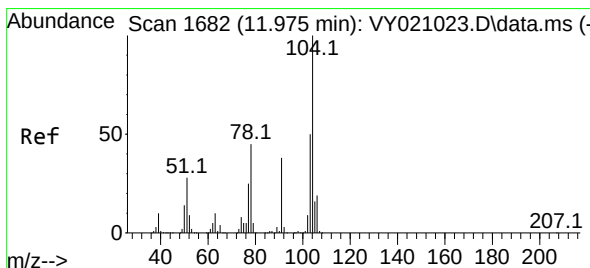
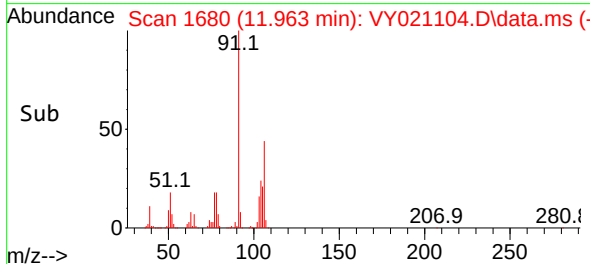
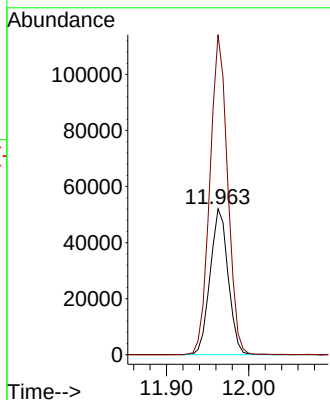
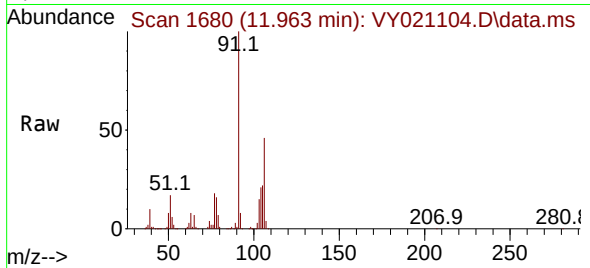
#69
o-Xylene
Concen: 19.444 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion:106 Resp: 7944
Ion Ratio Lower Upper
106 100
91 216.6 106.5 319.5

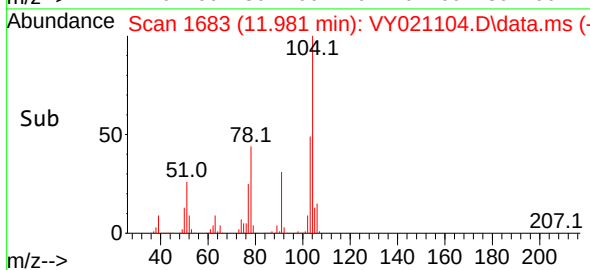
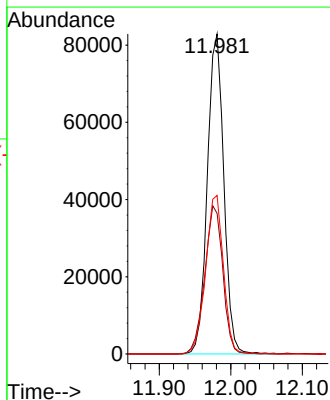
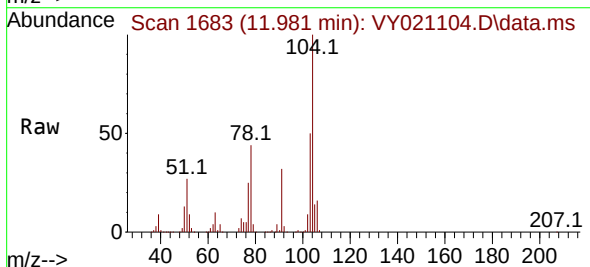
Manual Integrations
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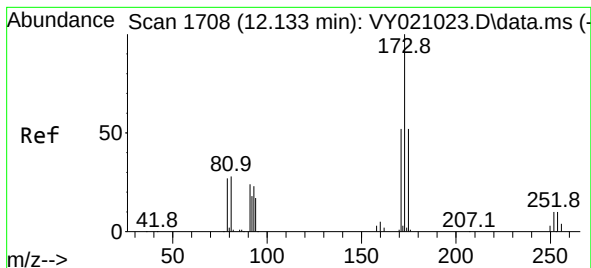
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#70
Styrene
Concen: 19.487 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion:104 Resp: 132698
Ion Ratio Lower Upper
104 100
78 50.9 39.2 58.8
103 53.5 43.8 65.6





#71

Bromoform

Concen: 18.849 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

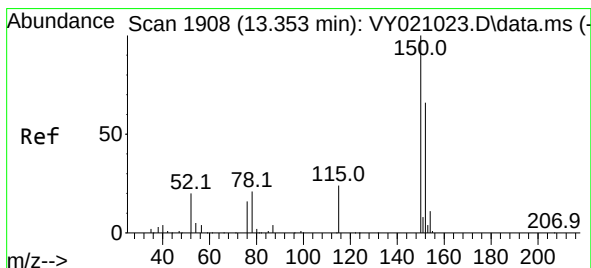
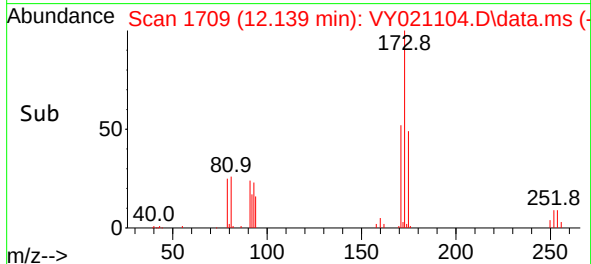
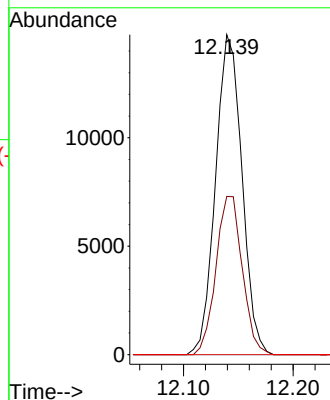
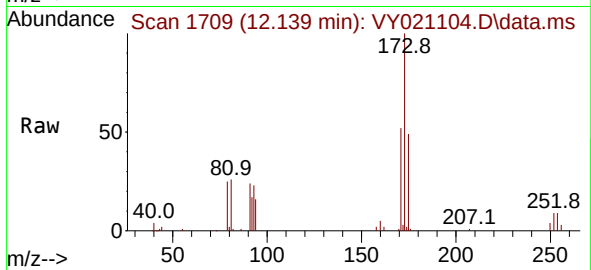
VY0206SBS01

Tgt Ion:173	Resp:	24694
Ion Ratio	Lower	Upper
173	100	
175	49.4	23.5 70.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

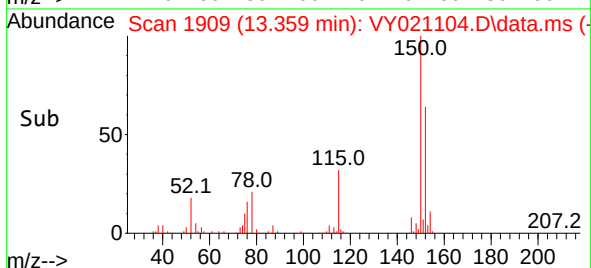
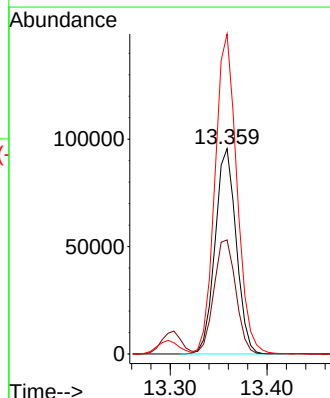
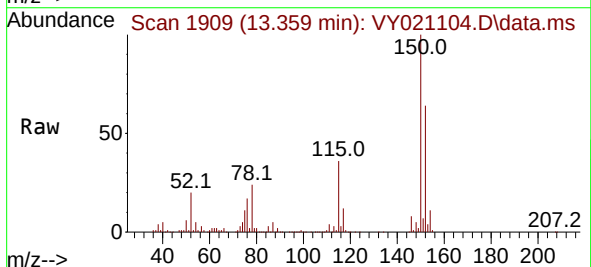
RT: 13.359 min Scan# 1909

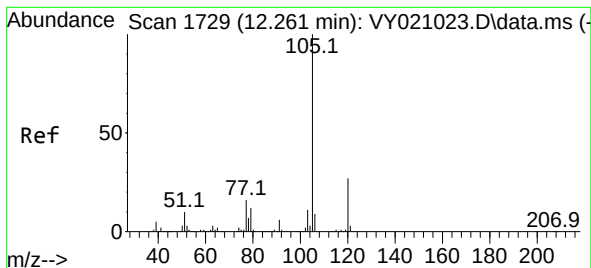
Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Tgt Ion:152	Resp:	144911
Ion Ratio	Lower	Upper
152	100	
115	57.6	30.0 90.0
150	161.8	0.0 344.6





#73

Isopropylbenzene

Concen: 18.890 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tgt Ion:105 Resp: 21382

Ion Ratio Lower Upper

105 100

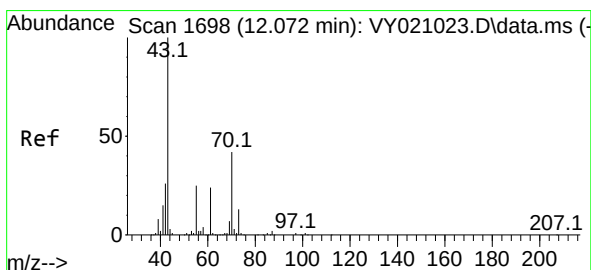
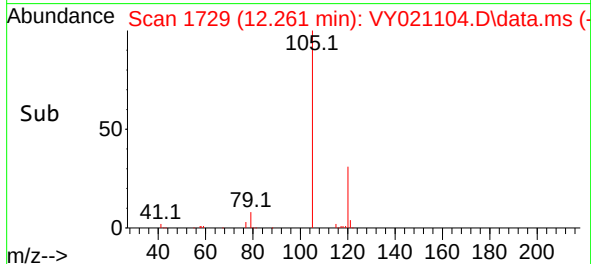
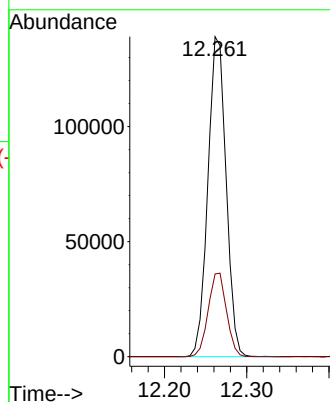
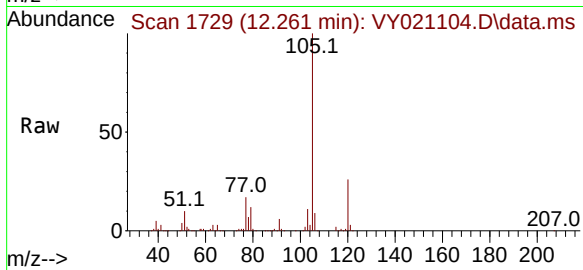
120 26.3 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#74

N-ethyl acetate

Concen: 17.913 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Tgt Ion: 43 Resp: 44332

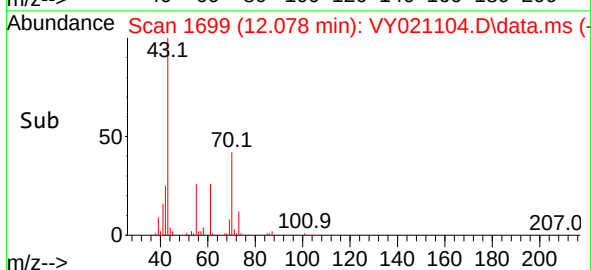
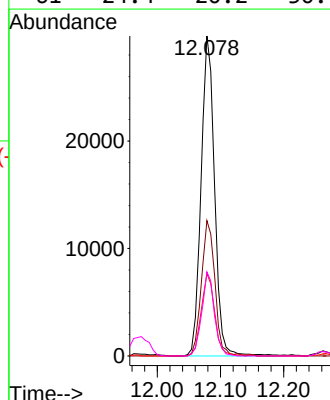
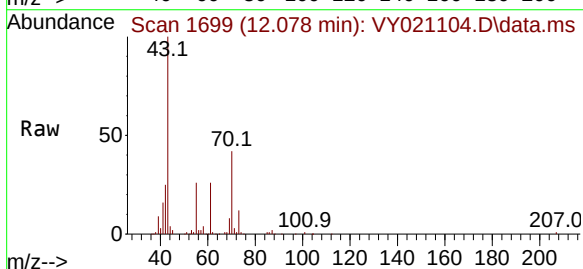
Ion Ratio Lower Upper

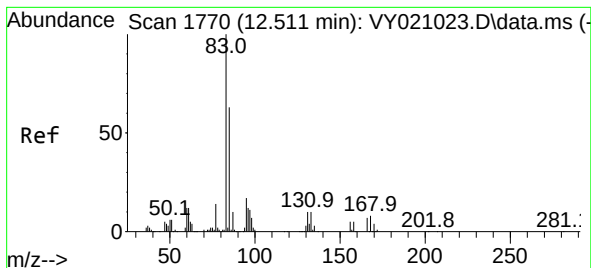
43 100

70 42.2 36.6 55.0

55 25.6 22.2 33.4

61 24.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.438 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

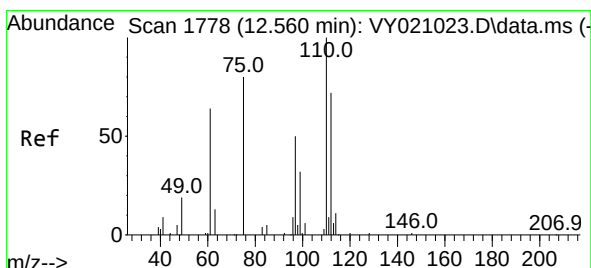
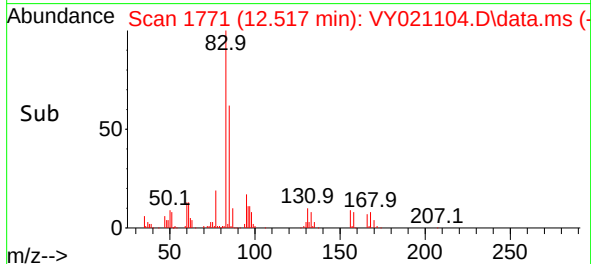
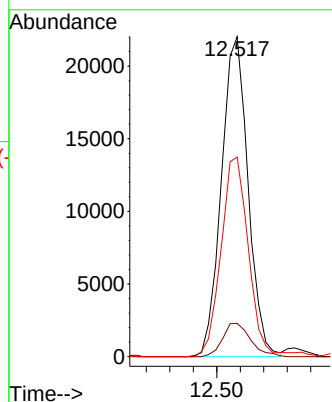
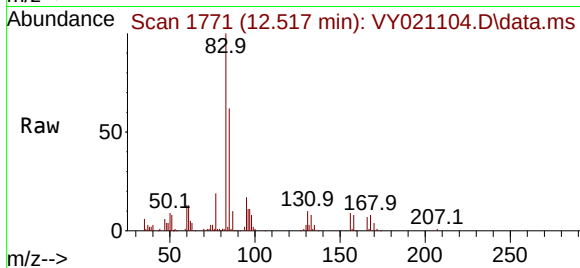
Tgt Ion: 83 Resp: 3471

Ion	Ratio	Lower	Upper
83	100		
131	11.0	4.9	14.6
85	63.8	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#76

1,2,3-Trichloropropane

Concen: 17.552 ug/l m

RT: 12.566 min Scan# 1779

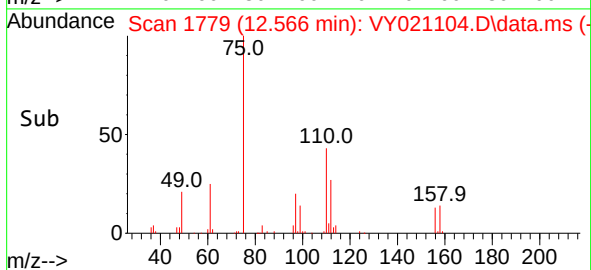
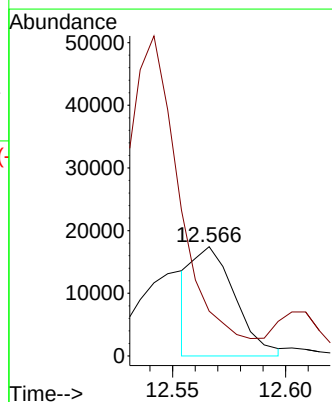
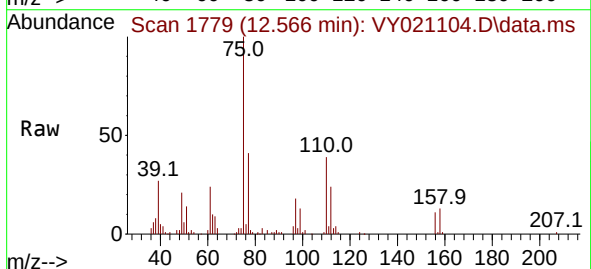
Delta R.T. 0.006 min

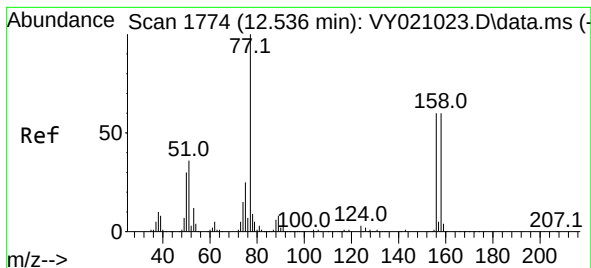
Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Tgt Ion: 75 Resp: 23072

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.545 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

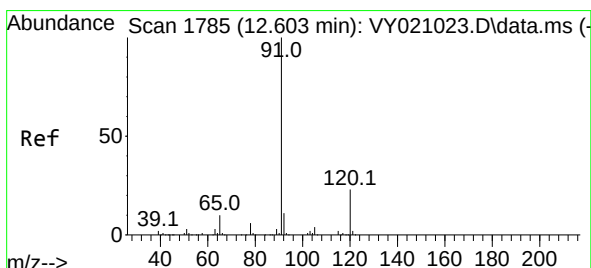
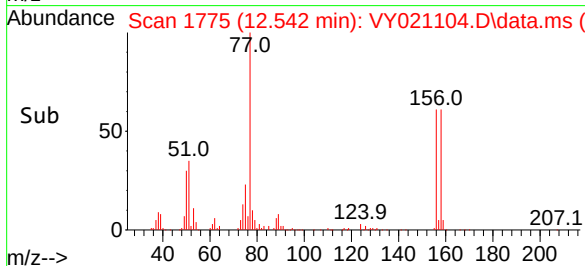
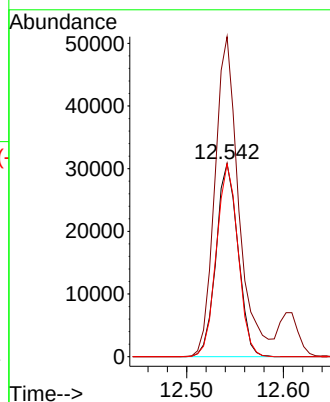
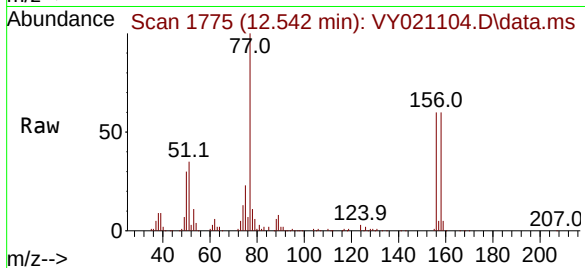
VY0206SBS01

Tgt Ion:	156	Resp:	4844
Ion Ratio	Lower	Upper	
156	100		
77	179.8	97.3	291.8
158	98.4	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#78

n-propylbenzene

Concen: 19.067 ug/l

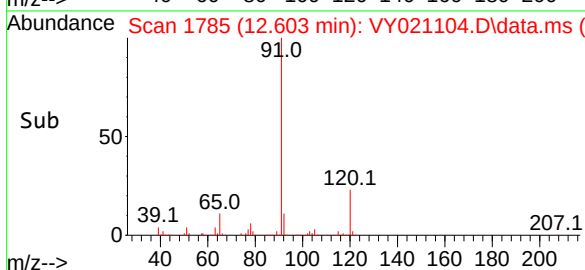
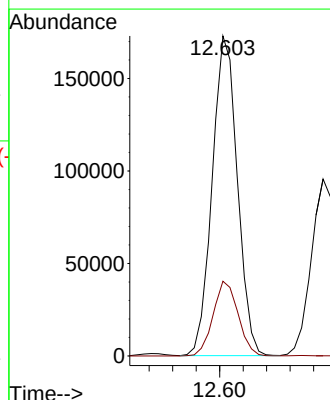
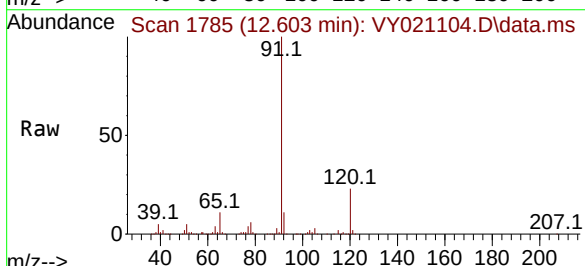
RT: 12.603 min Scan# 1785

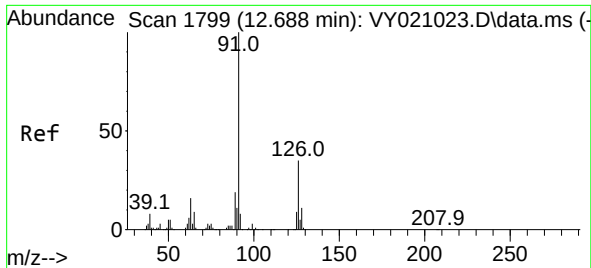
Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

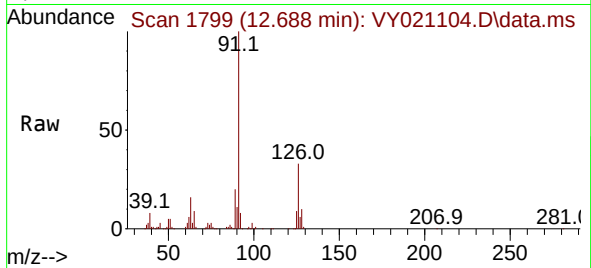
Tgt Ion:	91	Resp:	257110
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.0	33.0





#79
2-Chlorotoluene
Concen: 19.170 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

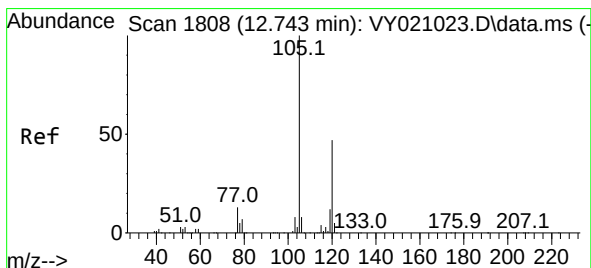
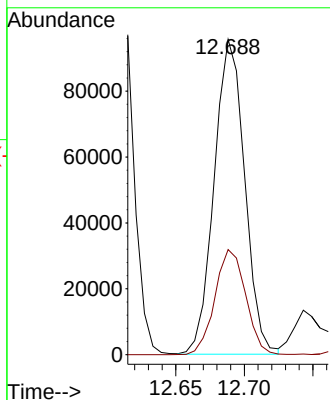
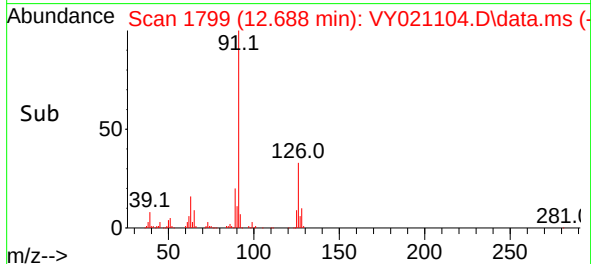
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



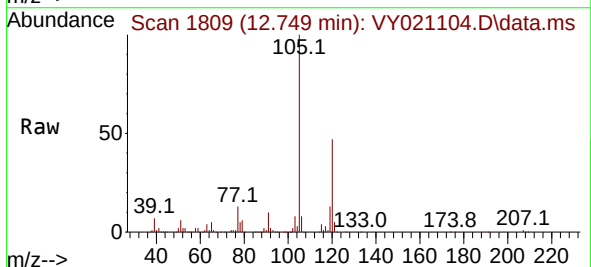
Tgt Ion: 91 Resp: 148048
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0

Manual Integrations
APPROVED

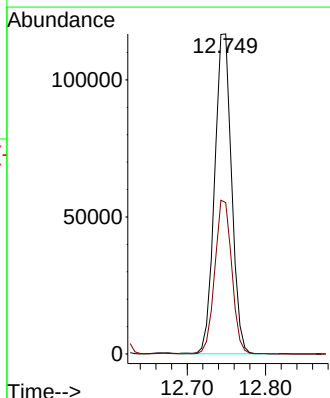
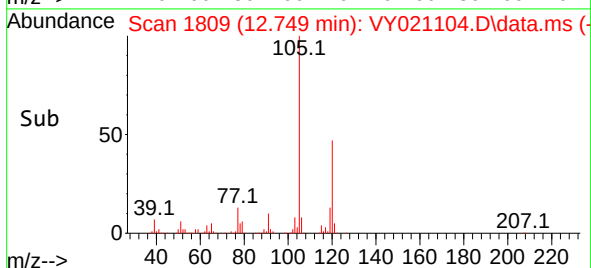
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

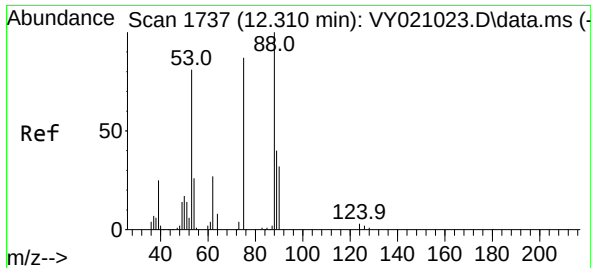


#80
1,3,5-Trimethylbenzene
Concen: 19.168 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51



Tgt Ion:105 Resp: 175912
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





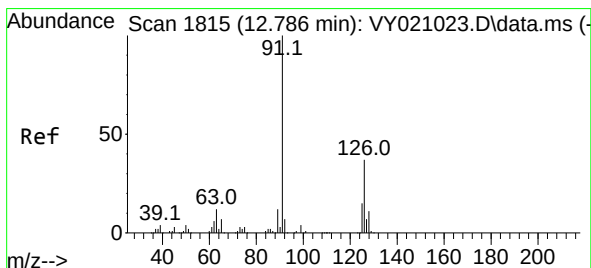
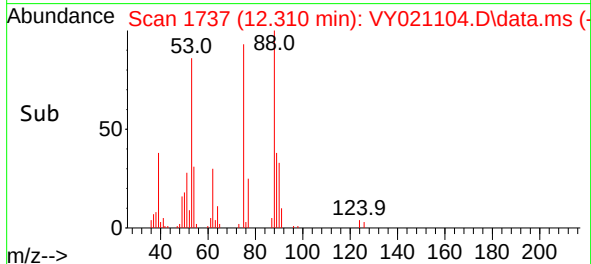
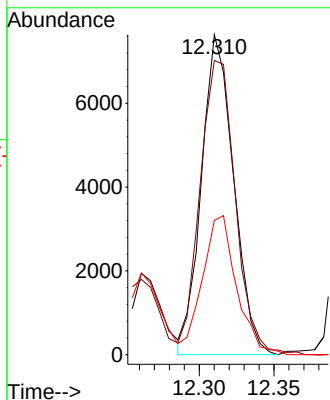
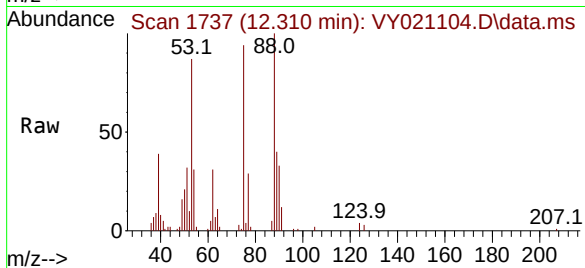
#81
trans-1,4-Dichloro-2-butene
Concen: 17.749 ug/l
RT: 12.310 min Scan# 11434
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion: 75 Resp: 11434
Ion Ratio Lower Upper
75 100
53 100.7 74.0 111.0
89 46.2 36.5 54.7

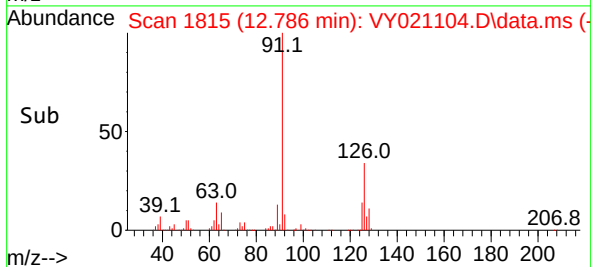
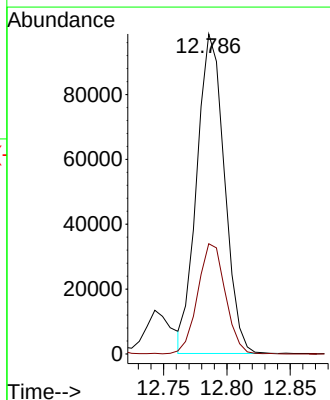
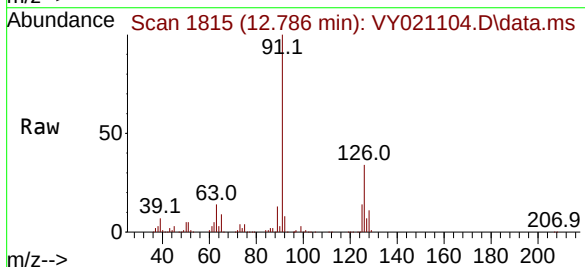
Manual Integrations
APPROVED

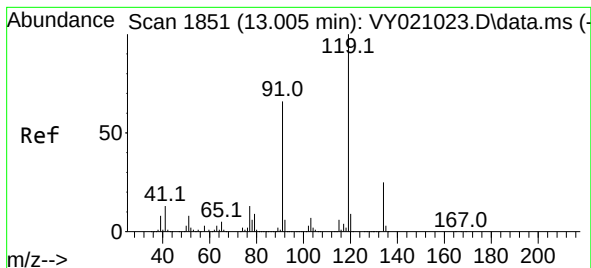
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#82
4-Chlorotoluene
Concen: 19.007 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion: 91 Resp: 149561
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 18.753 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tgt Ion:119 Resp: 15643

Ion Ratio Lower Upper

119 100

91 65.9 31.5 94.5

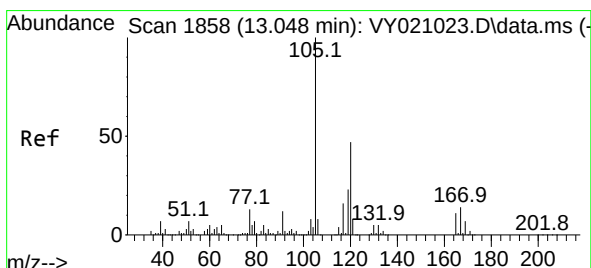
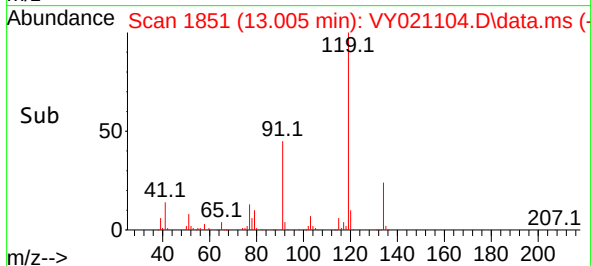
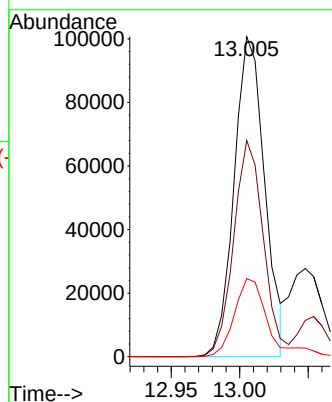
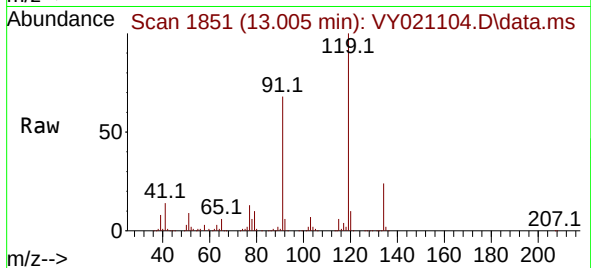
134 26.8 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.175 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY021104.D

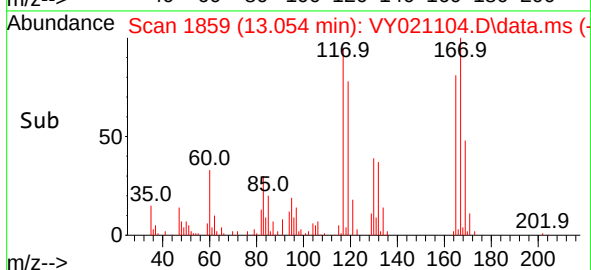
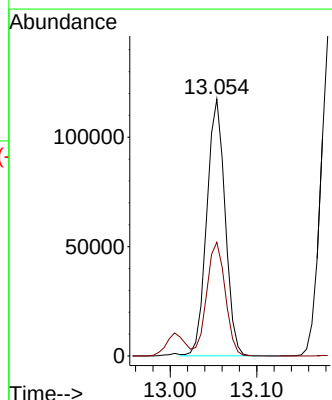
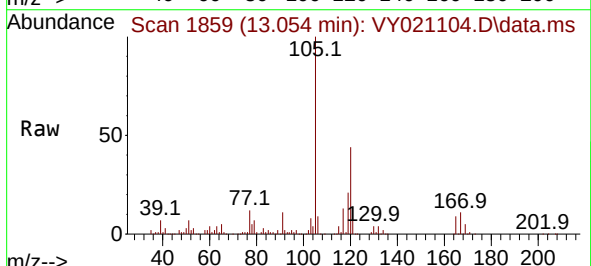
Acq: 06 Feb 2025 10:51

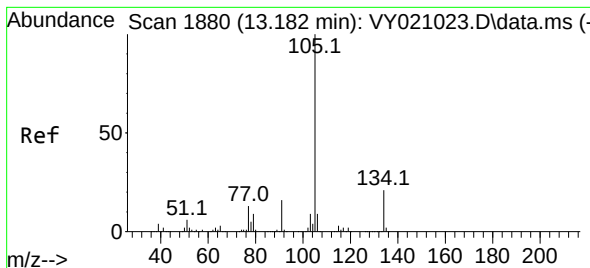
Tgt Ion:105 Resp: 172065

Ion Ratio Lower Upper

105 100

120 45.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.303 ug/l

RT: 13.188 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tgt Ion:105 Resp: 231780

Ion Ratio Lower Upper

105 100

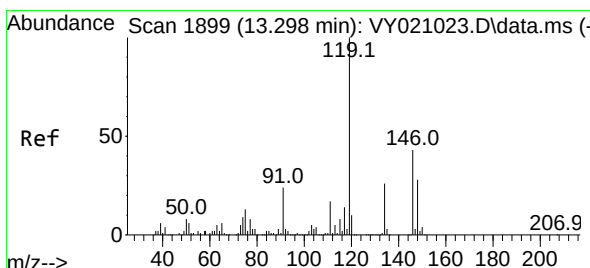
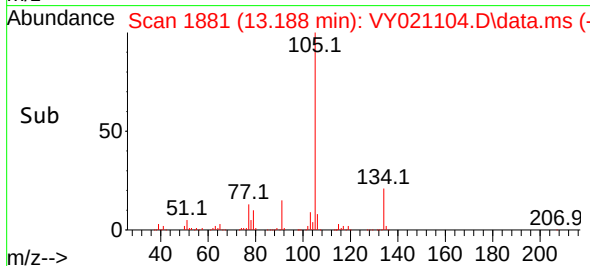
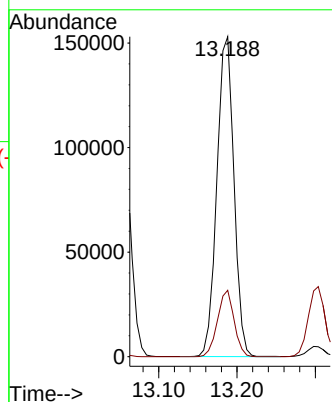
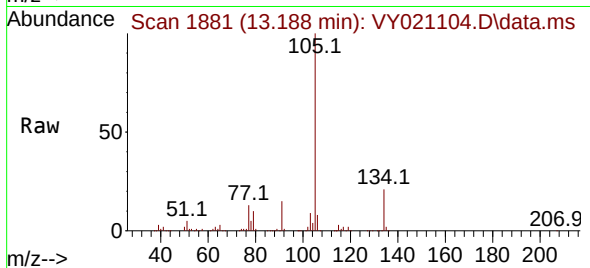
134 20.2 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#86

p-Isopropyltoluene

Concen: 19.151 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

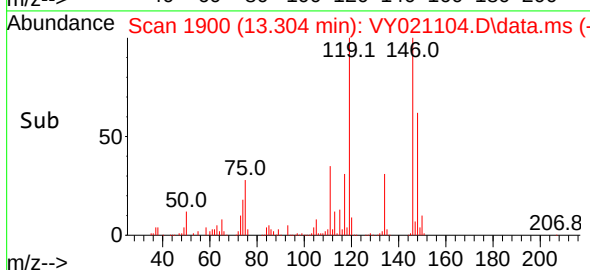
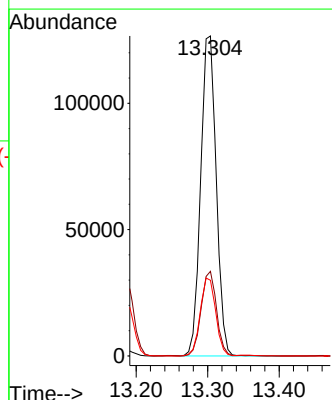
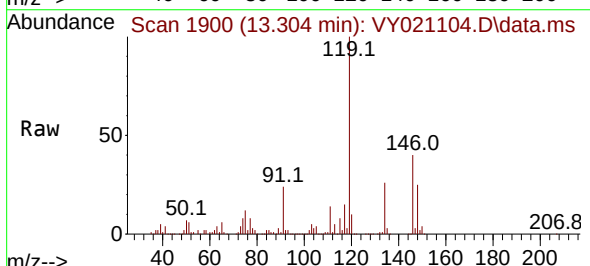
Tgt Ion:119 Resp: 191033

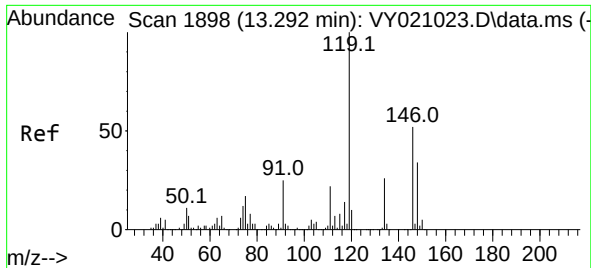
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.3 11.7 35.0





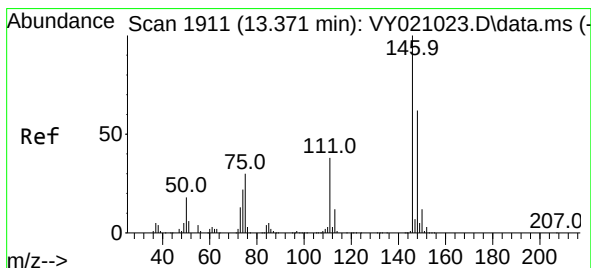
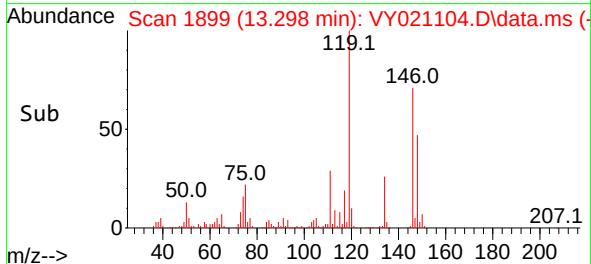
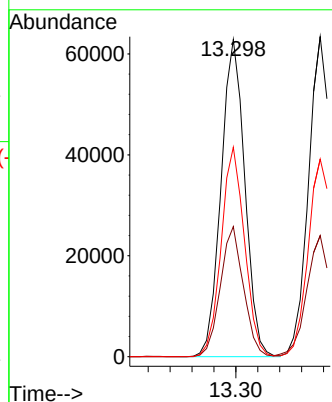
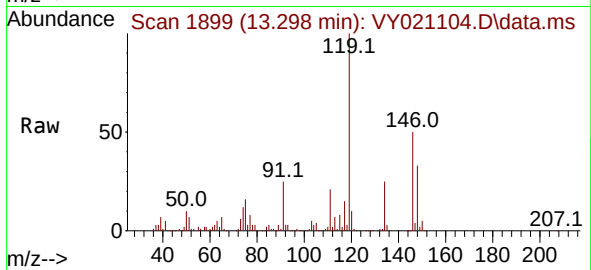
#87
1,3-Dichlorobenzene
Concen: 18.774 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion:146 Resp: 94692
Ion Ratio Lower Upper
146 100
111 39.9 20.2 60.5
148 64.8 31.9 95.9

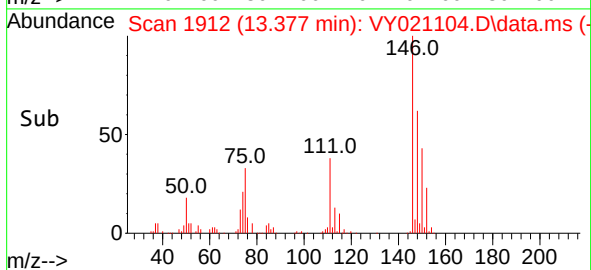
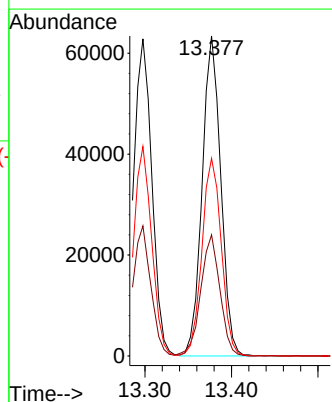
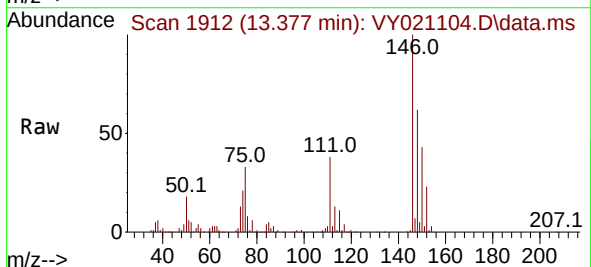
Manual Integrations
APPROVED

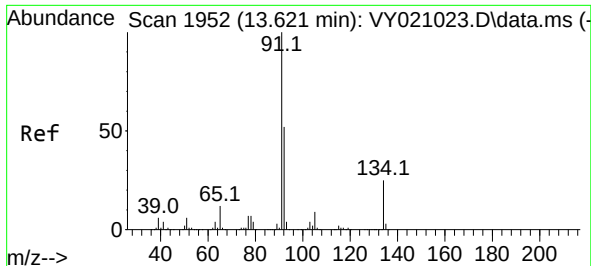
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#88
1,4-Dichlorobenzene
Concen: 19.102 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

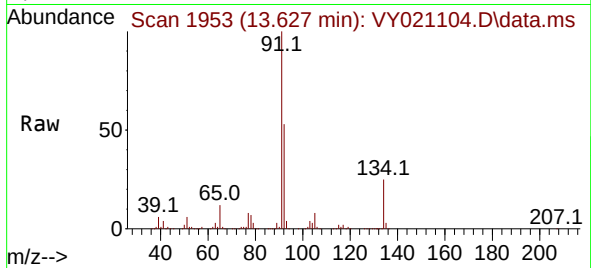
Tgt Ion:146 Resp: 94865
Ion Ratio Lower Upper
146 100
111 39.0 19.3 57.9
148 64.0 31.6 94.7





#89
n-Butylbenzene
Concen: 19.028 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

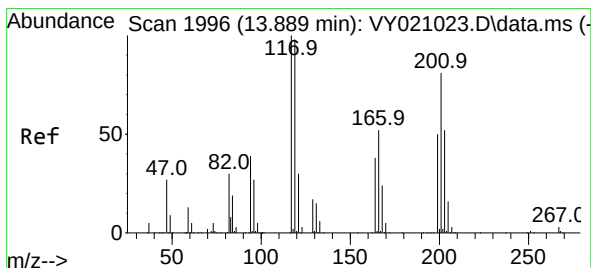
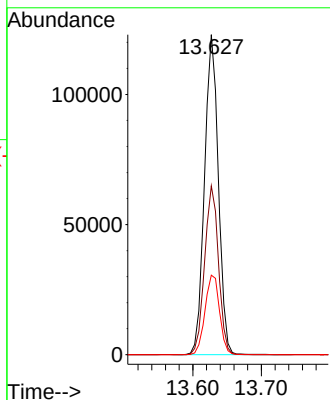
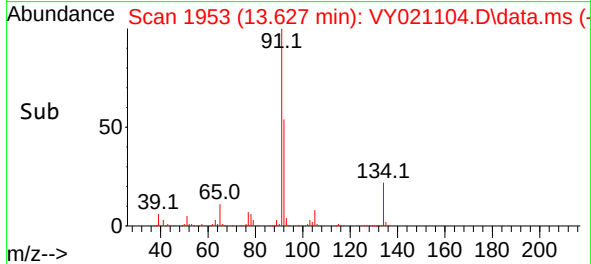
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01



Tgt Ion: 91 Resp: 173154
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 26.1 12.3 36.8

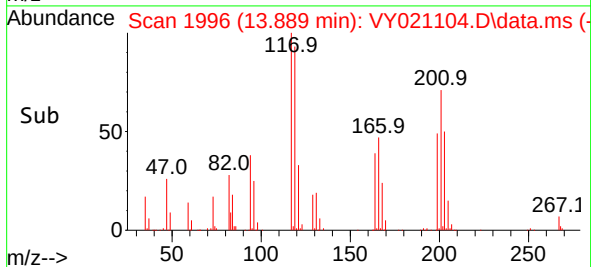
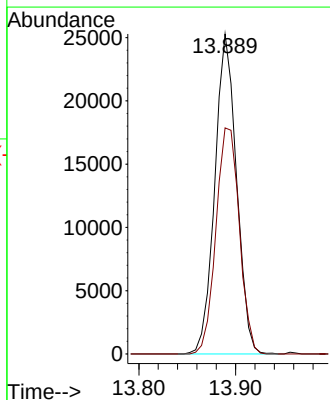
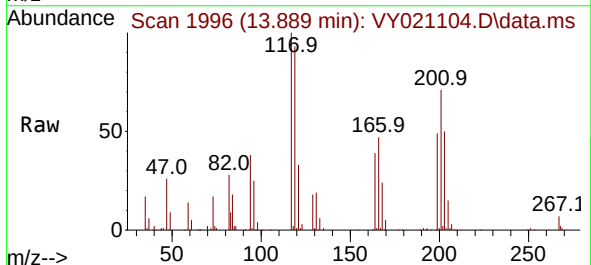
Manual Integrations
APPROVED

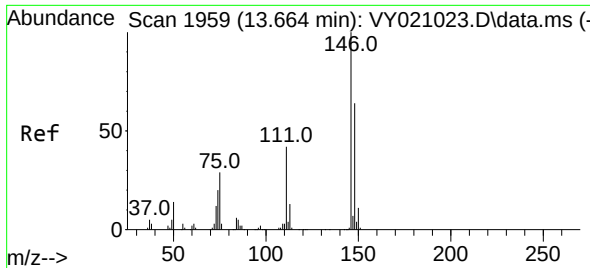
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#90
Hexachloroethane
Concen: 18.944 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion:117 Resp: 39420
Ion Ratio Lower Upper
117 100
201 76.0 33.4 100.1





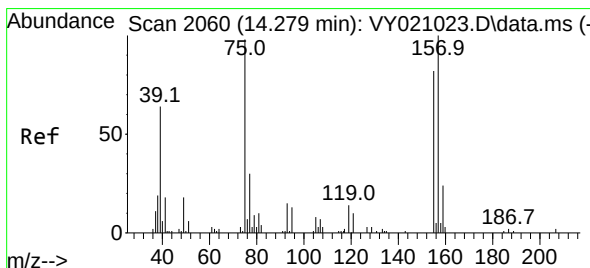
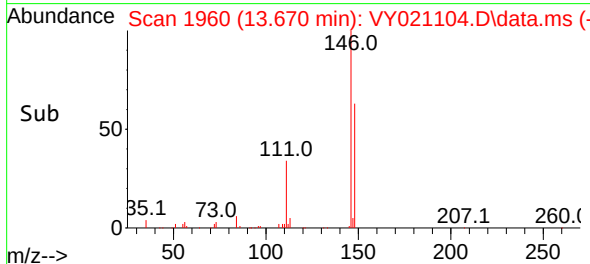
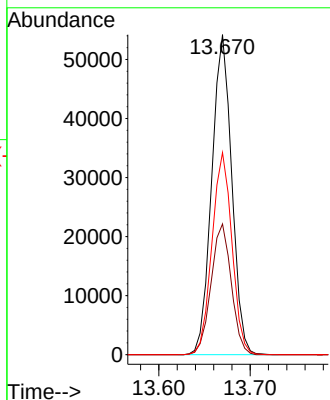
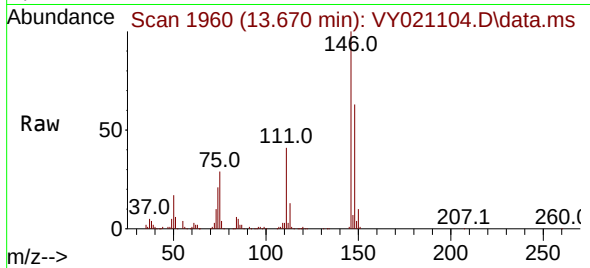
#91
1,2-Dichlorobenzene
Concen: 18.803 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion:146 Resp: 82314
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 63.1 31.4 94.3

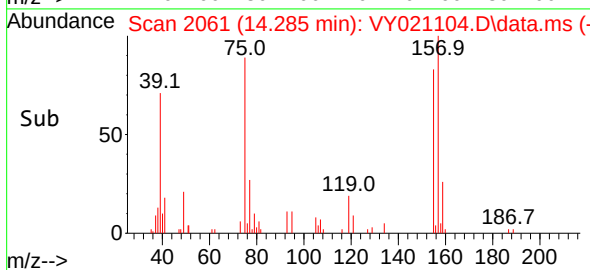
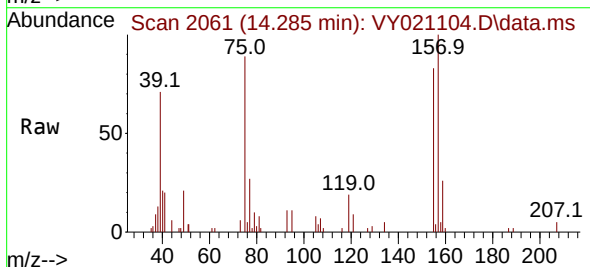
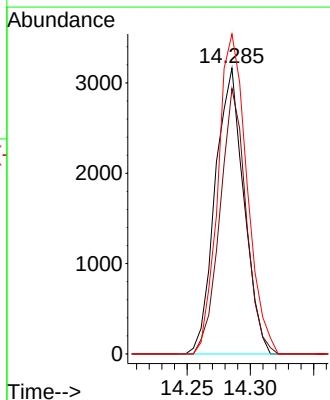
Manual Integrations
APPROVED

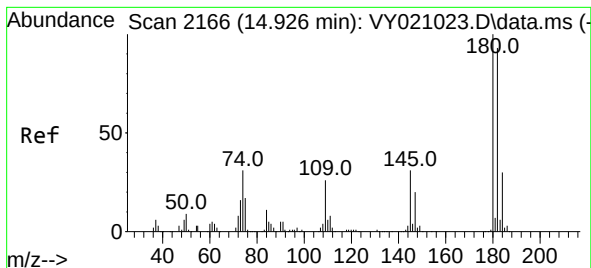
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.681 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021104.D
Acq: 06 Feb 2025 10:51

Tgt Ion: 75 Resp: 4974
Ion Ratio Lower Upper
75 100
155 84.6 42.1 126.3
157 113.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 18.631 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

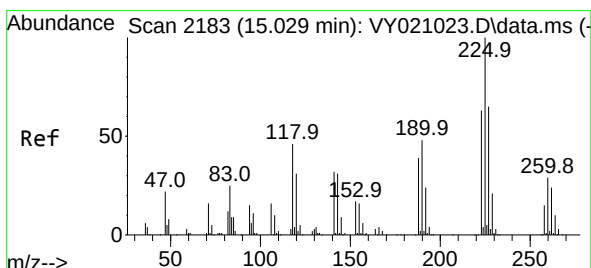
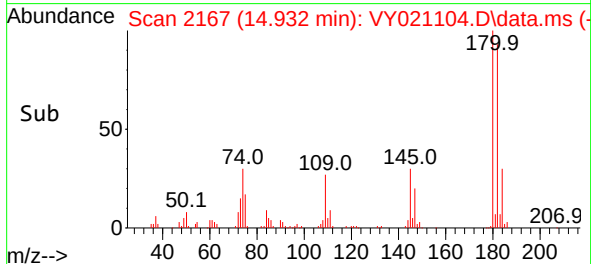
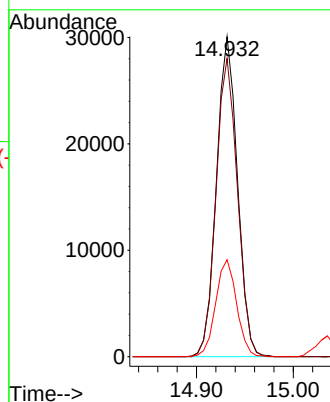
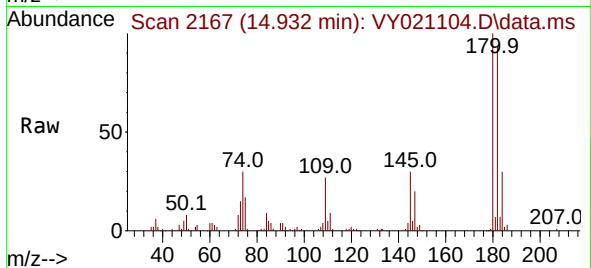
VY0206SBS01

Tgt Ion:180	Resp:	45400
Ion Ratio	Lower	Upper
180	100	
182	94.6	47.9 143.7
145	30.2	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#94

Hexachlorobutadiene

Concen: 19.306 ug/l

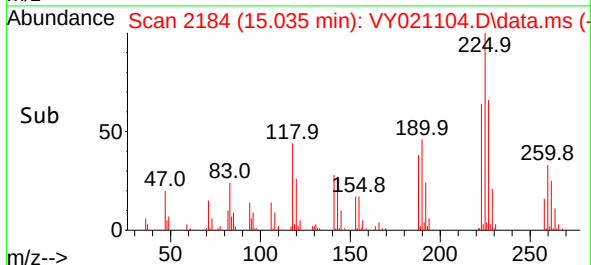
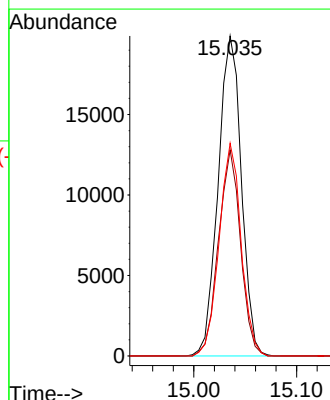
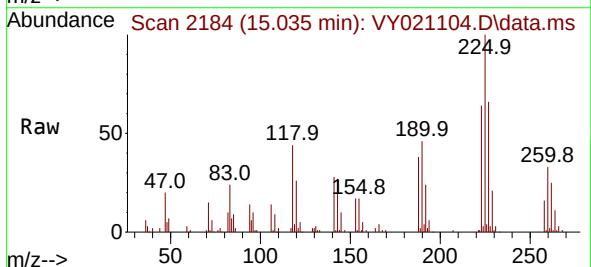
RT: 15.035 min Scan# 2184

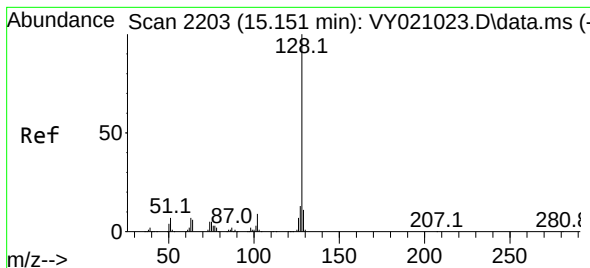
Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Tgt Ion:225	Resp:	31175
Ion Ratio	Lower	Upper
225	100	
223	61.0	31.4 94.3
227	63.0	32.3 96.8





#95

Naphthalene

Concen: 19.323 ug/l

RT: 15.157 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

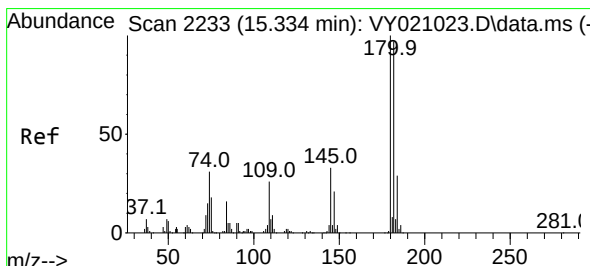
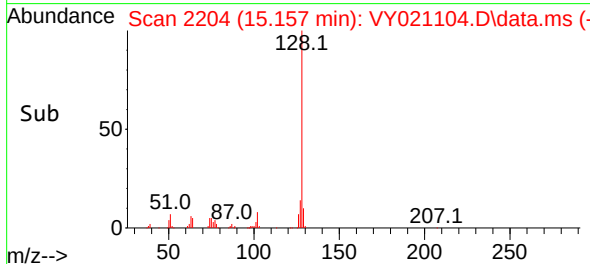
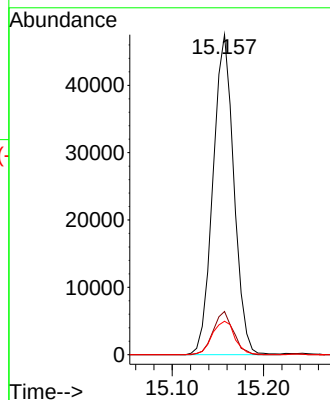
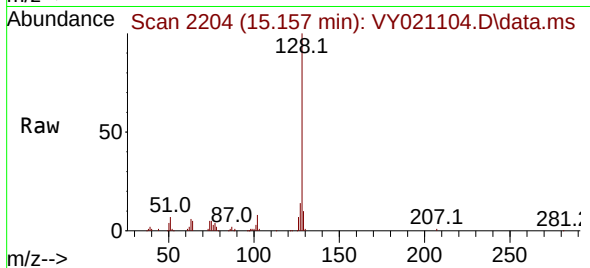
VY0206SBS01

Tgt Ion:	128	Resp:	7533
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	11.4	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.507 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Tgt Ion:	180	Resp:	37529
Ion Ratio	Lower	Upper	
180	100		
182	97.0	46.3	138.8
145	34.0	16.1	48.2

