

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021751.D
 Acq On : 02 Apr 2025 11:20
 Operator : SY/MD
 Sample : VY0402SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
 Supervised By :Semsettin Yesilyurt 04/03/2025

Quant Time: Apr 03 03:35:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	223174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	312498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	127742	52.829	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.660%			
35) Dibromofluoromethane	7.634	113	121315	53.293	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.580%			
50) Toluene-d8	10.103	98	472062	54.511	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.020%			
62) 4-Bromofluorobenzene	12.402	95	159298	54.383	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	45862	19.827	ug/l	99
3) Chloromethane	2.068	50	64792	19.920	ug/l	100
4) Vinyl Chloride	2.202	62	72569	19.728	ug/l	99
5) Bromomethane	2.586	94	51437	20.502	ug/l	98
6) Chloroethane	2.726	64	47829	19.871	ug/l	98
7) Trichlorofluoromethane	3.050	101	93887	19.925	ug/l	96
8) Diethyl Ether	3.452	74	25169	19.641	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.806	101	50587	20.355	ug/l	98
10) Methyl Iodide	4.001	142	52817	19.372	ug/l	99
11) Tert butyl alcohol	4.860	59	14569	92.762	ug/l	98
12) 1,1-Dichloroethene	3.787	96	46759	19.975	ug/l	94
13) Acrolein	3.647	56	20445	71.292	ug/l	99
14) Allyl chloride	4.385	41	72713	19.482	ug/l	99
15) Acrylonitrile	5.049	53	52833	98.745	ug/l	99
16) Acetone	3.866	43	47018	95.010	ug/l	95
17) Carbon Disulfide	4.104	76	146926	19.056	ug/l	99
18) Methyl Acetate	4.379	43	24927	20.324	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	115506	19.819	ug/l	99
20) Methylene Chloride	4.616	84	55178	20.505	ug/l	90
21) trans-1,2-Dichloroethene	5.104	96	50731	19.683	ug/l	99
22) Diisopropyl ether	6.019	45	161917	20.681	ug/l	98
23) Vinyl Acetate	5.958	43	447188	97.634	ug/l	99
24) 1,1-Dichloroethane	5.915	63	95210	20.337	ug/l	99
25) 2-Butanone	6.890	43	68243	96.547	ug/l	100
26) 2,2-Dichloropropane	6.878	77	83612	20.078	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	58098	20.044	ug/l	99
28) Bromochloromethane	7.244	49	38774	19.638	ug/l	96
29) Tetrahydrofuran	7.256	42	45959	101.029	ug/l	98
30) Chloroform	7.421	83	99438	20.421	ug/l	99
31) Cyclohexane	7.695	56	80296	18.815	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	88023	20.001	ug/l	99
36) 1,1-Dichloropropene	7.829	75	69686	20.098	ug/l	99
37) Ethyl Acetate	6.982	43	31020	18.957	ug/l	100
38) Carbon Tetrachloride	7.817	117	79723	20.075	ug/l	99
39) Methylcyclohexane	9.109	83	81659	19.715	ug/l	98
40) Benzene	8.079	78	214875	20.694	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021751.D
 Acq On : 02 Apr 2025 11:20
 Operator : SY/MD
 Sample : VY0402SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
 Supervised By :Semsettin Yesilyurt 04/03/2025

Quant Time: Apr 03 03:35:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	19656	22.619	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	59907	20.465	ug/l	99
43) Isopropyl Acetate	8.195	43	59806	19.286	ug/l	99
44) Trichloroethene	8.866	130	54920	20.759	ug/l	99
45) 1,2-Dichloropropane	9.140	63	50445	20.524	ug/l	98
46) Dibromomethane	9.231	93	28659	20.232	ug/l	97
47) Bromodichloromethane	9.420	83	74811	20.382	ug/l	96
48) Methyl methacrylate	9.219	41	27112	19.050	ug/l	98
49) 1,4-Dioxane	9.225	88	6134	404.230	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	158307	98.099	ug/l	99
52) Toluene	10.170	92	134550	20.769	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	66360	20.355	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	78324	20.364	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	37883	20.782	ug/l	97
56) Ethyl methacrylate	10.438	69	46583	20.013	ug/l	97
57) 1,3-Dichloropropane	10.713	76	64294	20.422	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	114916	101.204	ug/l	99
59) 2-Hexanone	10.762	43	104796	97.509	ug/l	99
60) Dibromochloromethane	10.908	129	51193	20.569	ug/l	98
61) 1,2-Dibromoethane	11.012	107	34676	20.278	ug/l	98
64) Tetrachloroethene	10.646	164	63114	22.175	ug/l	95
65) Chlorobenzene	11.438	112	146651	20.472	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	51455	20.245	ug/l	98
67) Ethyl Benzene	11.518	91	247192	20.123	ug/l	98
68) m/p-Xylenes	11.627	106	192590	40.943	ug/l	100
69) o-Xylene	11.957	106	87873	20.238	ug/l	99
70) Styrene	11.969	104	148515	20.515	ug/l	99
71) Bromoform	12.133	173	29798	20.554	ug/l #	100
73) Isopropylbenzene	12.255	105	231944	19.119	ug/l	99
74) N-amyl acetate	12.072	43	51662	18.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	39127	17.939	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	30121m	18.604	ug/l	
77) Bromobenzene	12.530	156	57171	19.627	ug/l	98
78) n-propylbenzene	12.597	91	286971	19.676	ug/l	99
79) 2-Chlorotoluene	12.676	91	165761	19.567	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	196264	19.794	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	13404	19.076	ug/l	98
82) 4-Chlorotoluene	12.773	91	175679	19.892	ug/l	99
83) tert-Butylbenzene	12.999	119	171433	19.412	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	195682	19.968	ug/l	100
85) sec-Butylbenzene	13.176	105	254798	19.742	ug/l	100
86) p-Isopropyltoluene	13.292	119	212339	19.906	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	114646	19.977	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	112703	19.877	ug/l	97
89) n-Butylbenzene	13.615	91	193278	19.592	ug/l	99
90) Hexachloroethane	13.877	117	45056	19.275	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	102226	20.463	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6492	19.204	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	56135	20.721	ug/l	98
94) Hexachlorobutadiene	15.023	225	35255	20.837	ug/l	98
95) Naphthalene	15.145	128	86043	19.161	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	48153	20.844	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
Data File : VY021751.D
Acq On : 02 Apr 2025 11:20
Operator : SY/MD
Sample : VY0402SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

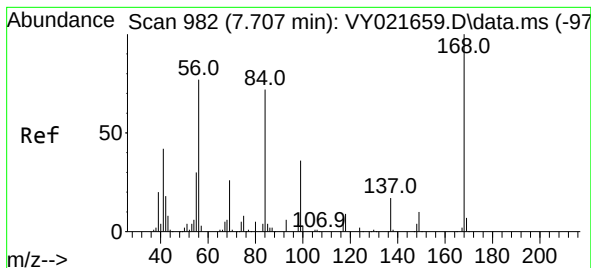
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

Quant Time: Apr 03 03:35:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

Tgt Ion:168 Resp: 223174

Ion Ratio Lower Upper

168 100

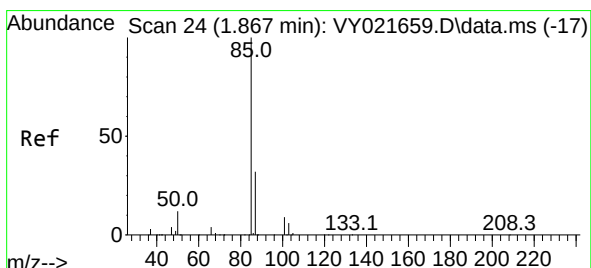
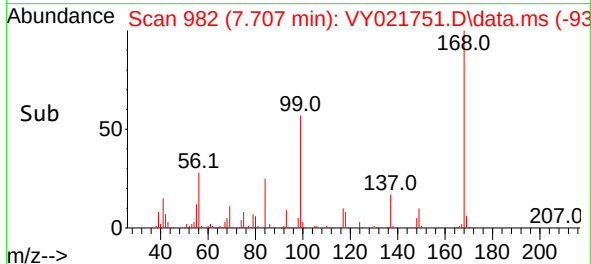
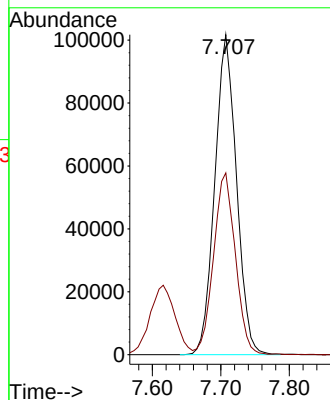
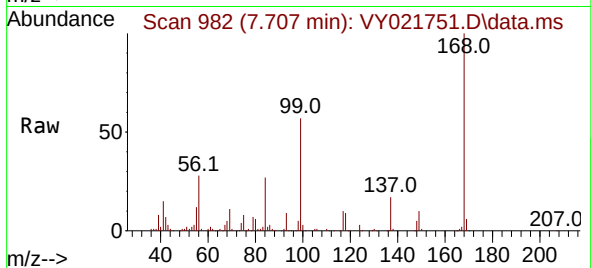
99 56.6 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025

Supervised By :Semsettin Yesilyurt 04/03/2025



#2

Dichlorodifluoromethane

Concen: 19.827 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021751.D

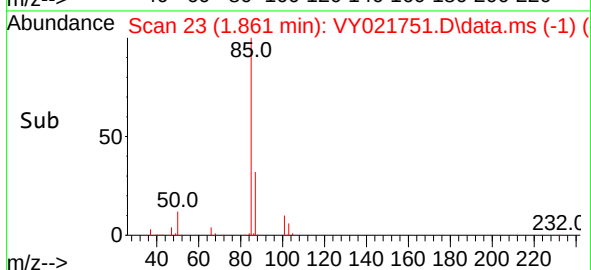
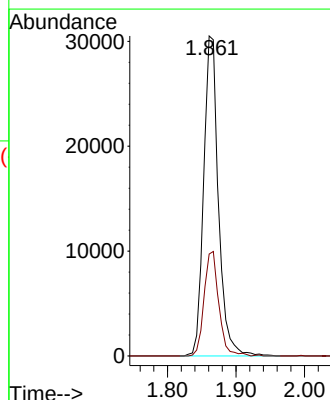
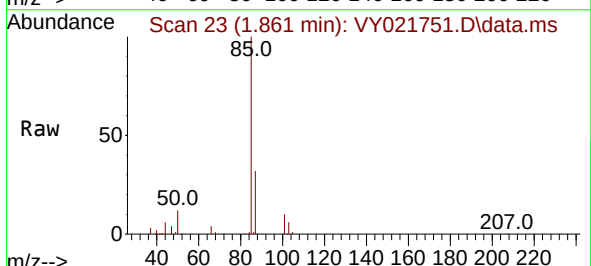
Acq: 02 Apr 2025 11:20

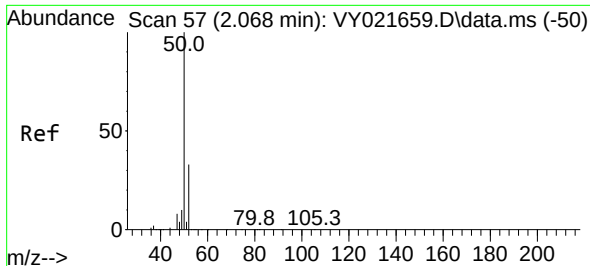
Tgt Ion: 85 Resp: 45862

Ion Ratio Lower Upper

85 100

87 31.9 16.2 48.6





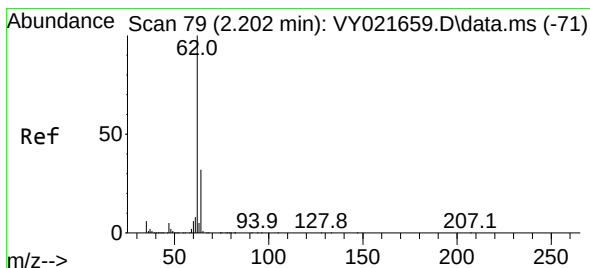
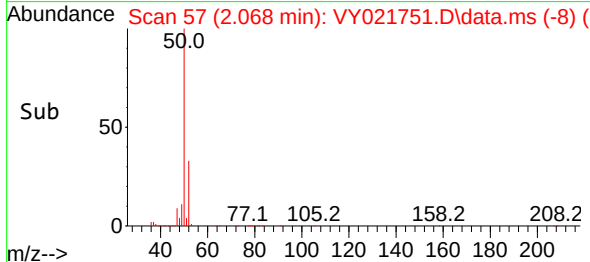
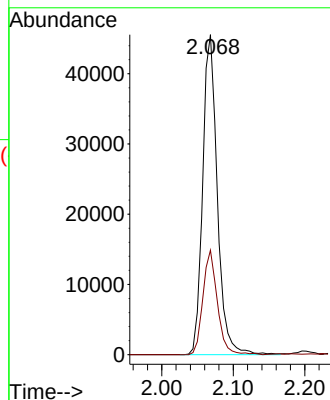
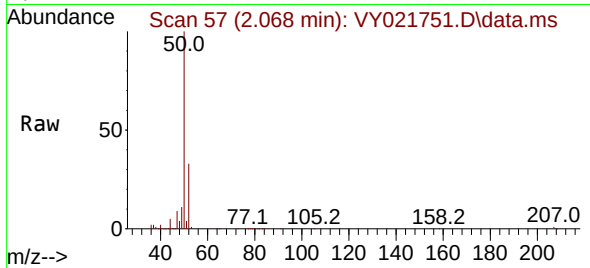
#3
Chloromethane
Concen: 19.920 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

Tgt Ion: 50 Resp: 64792
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5

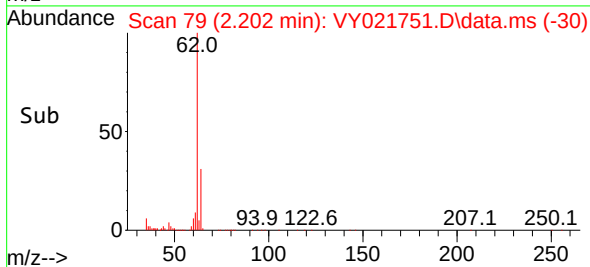
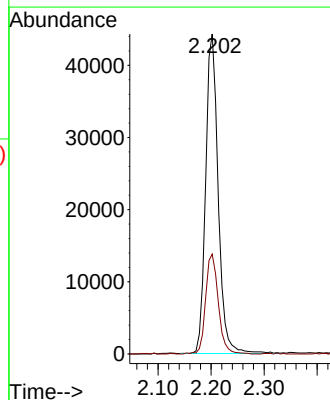
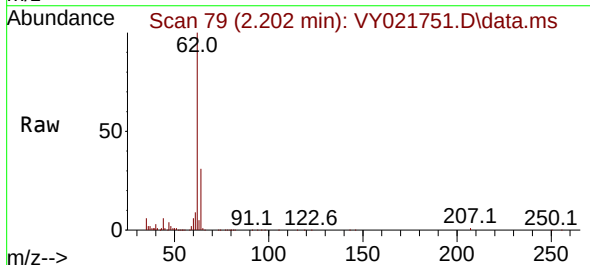
Manual Integrations
APPROVED

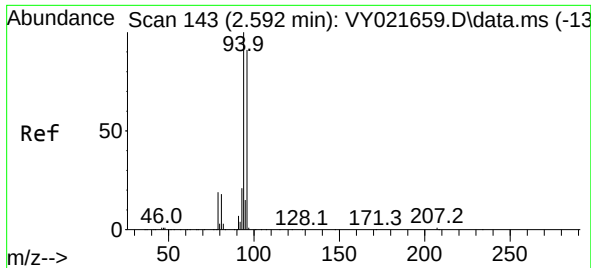
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#4
Vinyl Chloride
Concen: 19.728 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

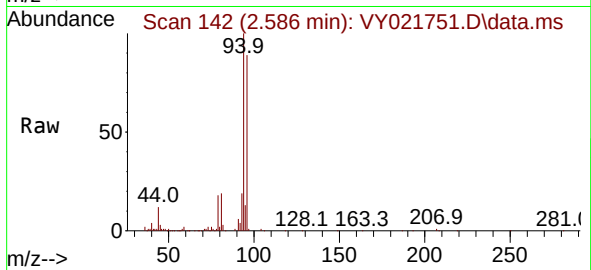
Tgt Ion: 62 Resp: 72569
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3





#5
Bromomethane
Concen: 20.502 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

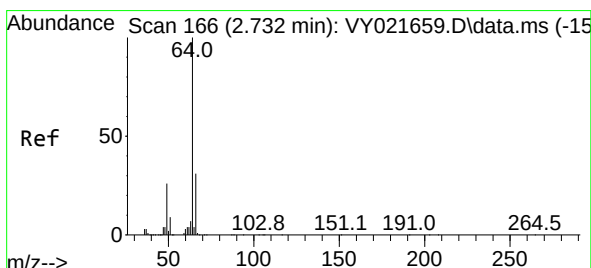
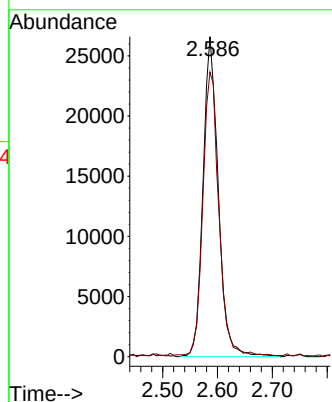
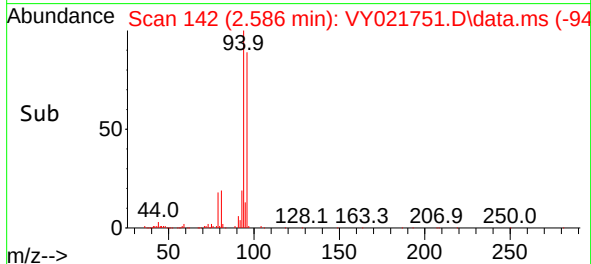
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



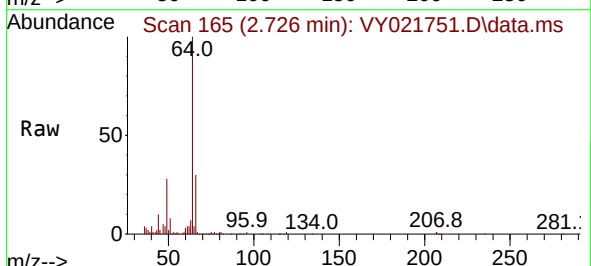
Tgt Ion: 94 Resp: 5143
Ion Ratio Lower Upper
94 100
96 88.6 72.8 109.2

Manual Integrations
APPROVED

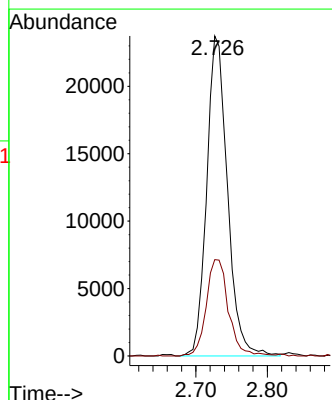
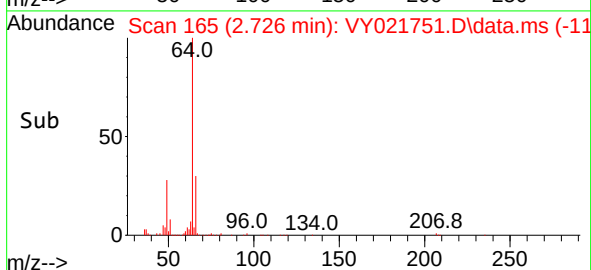
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

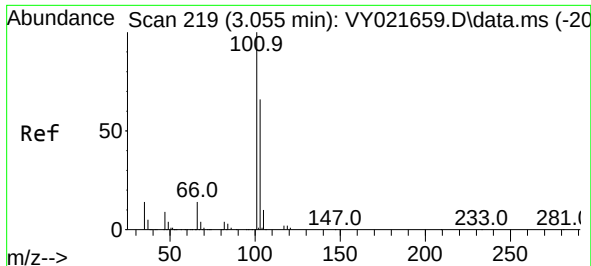


#6
Chloroethane
Concen: 19.871 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20



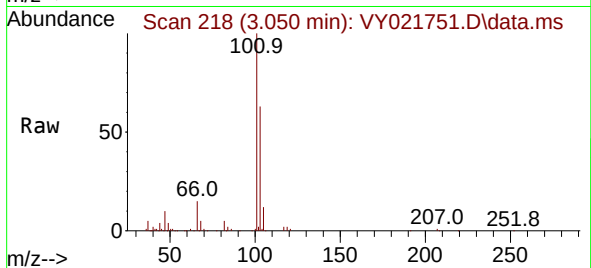
Tgt Ion: 64 Resp: 47829
Ion Ratio Lower Upper
64 100
66 30.1 24.9 37.3





#7
Trichlorofluoromethane
Concen: 19.925 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

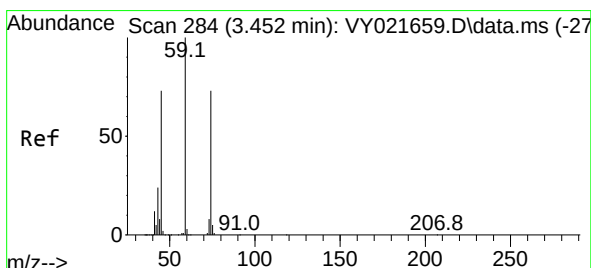
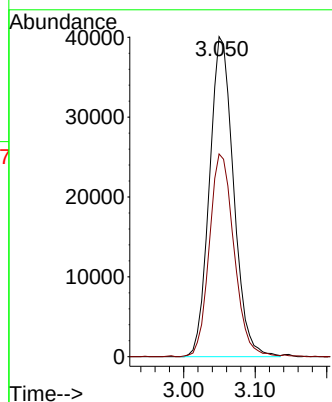
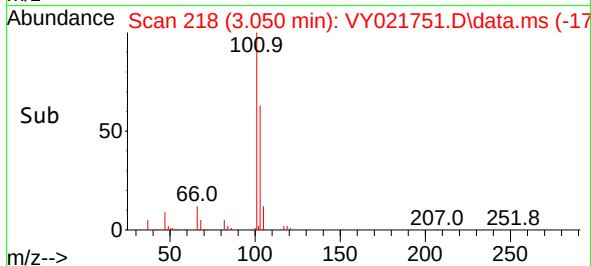
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



Tgt Ion:101 Resp: 9388
Ion Ratio Lower Upper
101 100
103 63.4 53.1 79.7

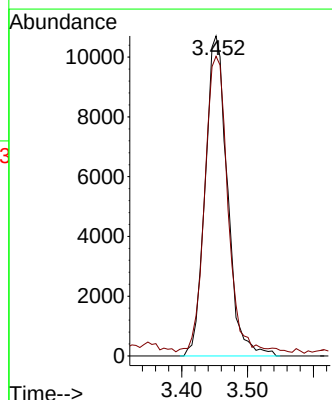
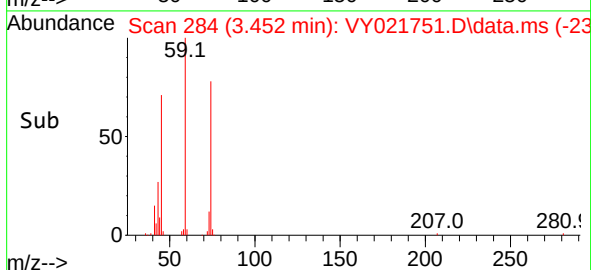
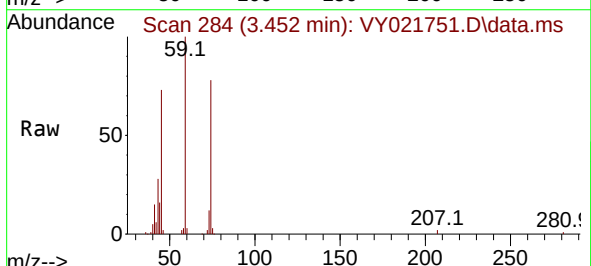
Manual Integrations
APPROVED

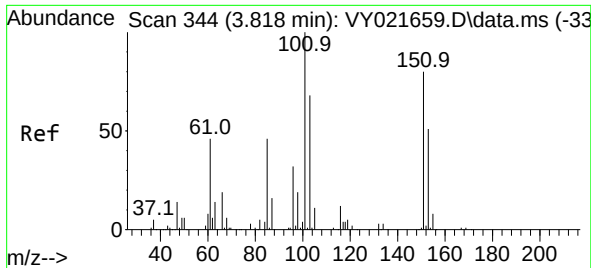
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#8
Diethyl Ether
Concen: 19.641 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 74 Resp: 25169
Ion Ratio Lower Upper
74 100
45 96.3 48.6 145.8





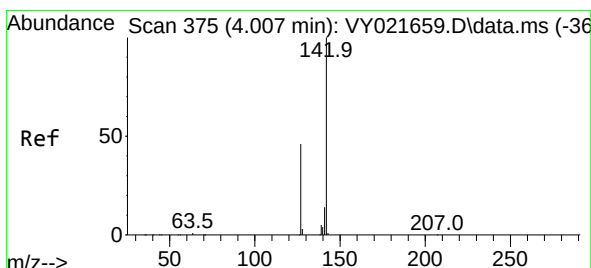
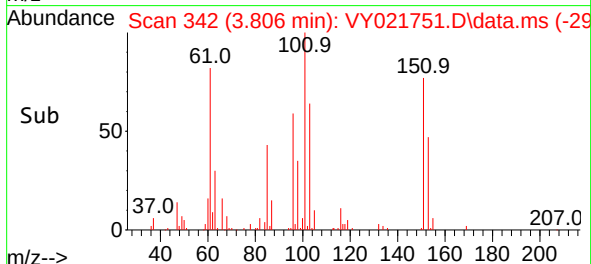
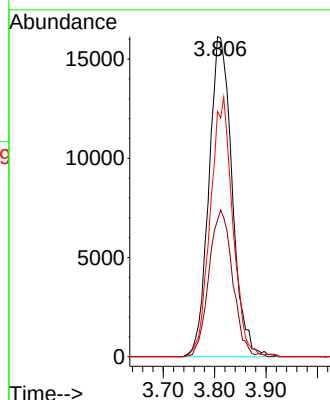
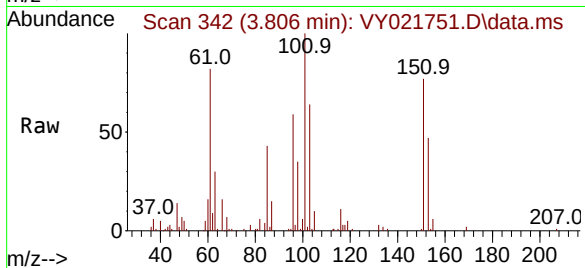
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.355 ug/l
RT: 3.806 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

Tgt Ion:101 Resp: 5058
Ion Ratio Lower Upper
101 100
85 46.6 36.3 54.5
151 78.1 61.3 91.9

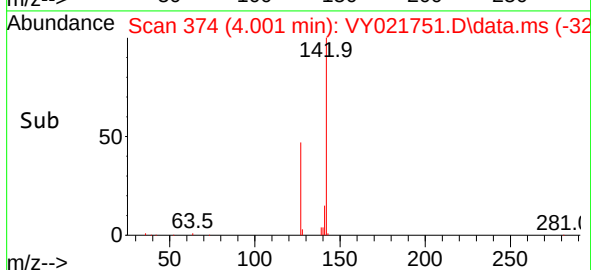
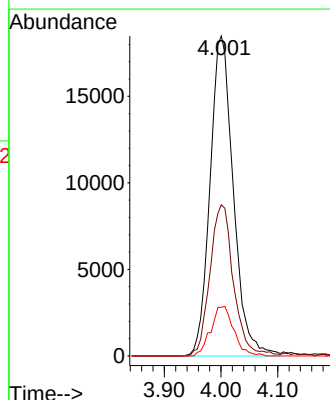
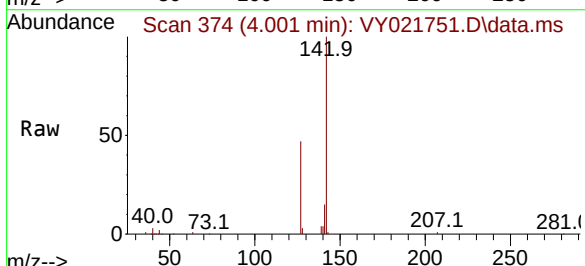
Manual Integrations
APPROVED

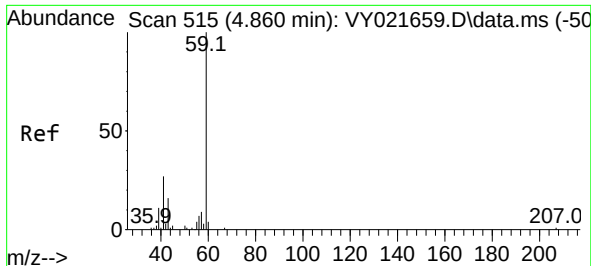
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#10
Methyl Iodide
Concen: 19.372 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

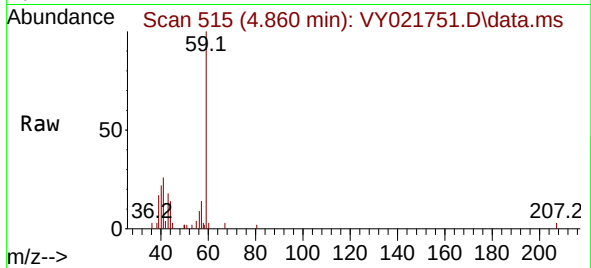
Tgt Ion:142 Resp: 52817
Ion Ratio Lower Upper
142 100
127 47.8 38.7 58.1
141 15.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 92.762 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

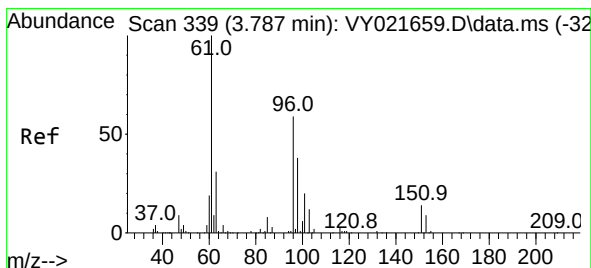
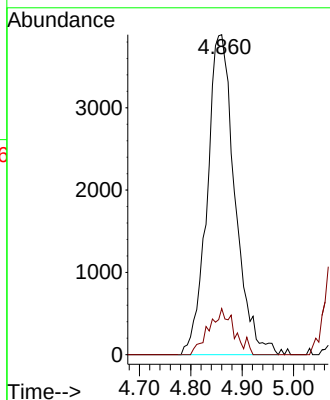
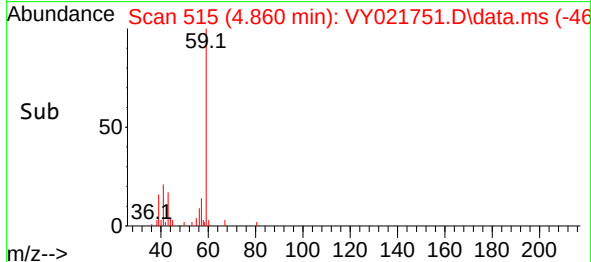
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



Tgt Ion: 59 Resp: 14569
Ion Ratio Lower Upper
59 100
57 12.4 9.2 13.8

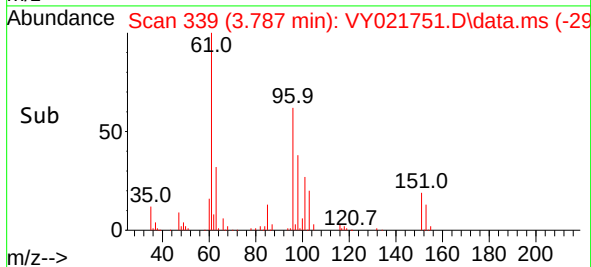
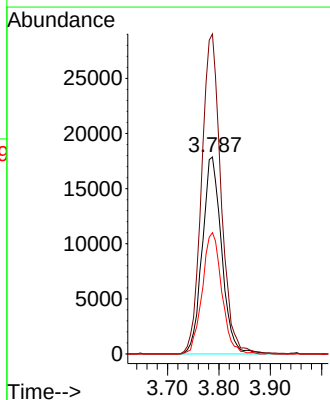
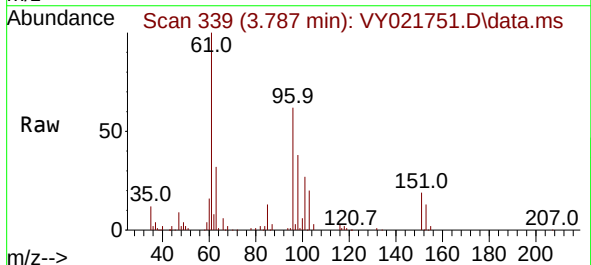
Manual Integrations
APPROVED

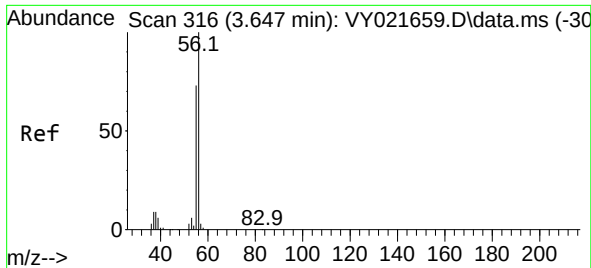
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#12
1,1-Dichloroethene
Concen: 19.975 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 96 Resp: 46759
Ion Ratio Lower Upper
96 100
61 162.5 136.6 204.8
98 61.6 52.3 78.5





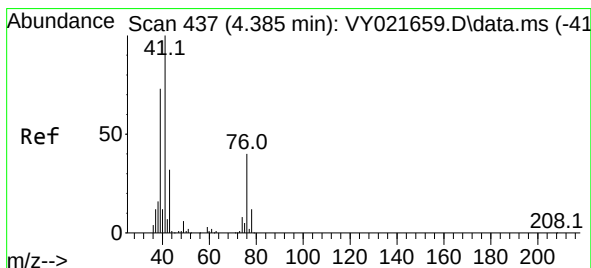
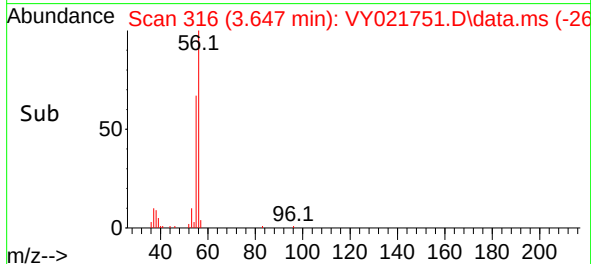
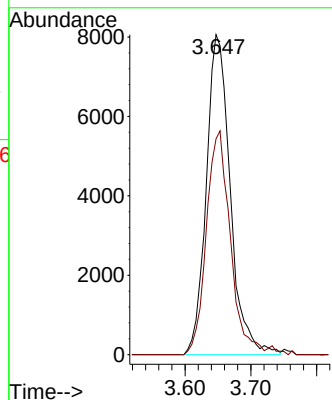
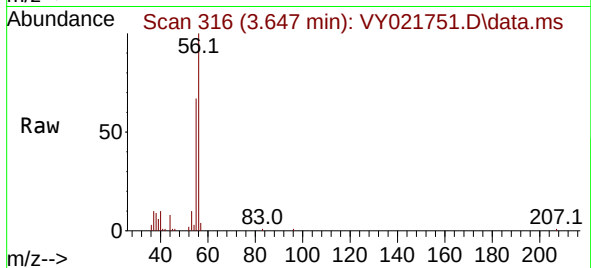
#13
Acrolein
Concen: 71.292 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

Tgt Ion: 56 Resp: 2044
Ion Ratio Lower Upper
56 100
55 69.8 56.6 85.0

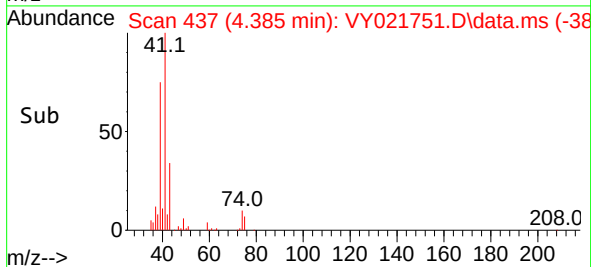
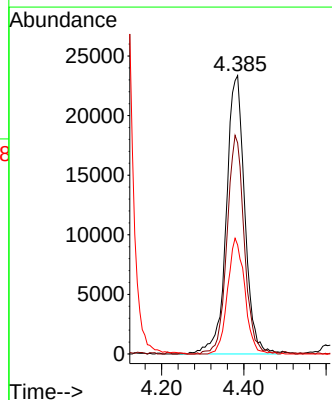
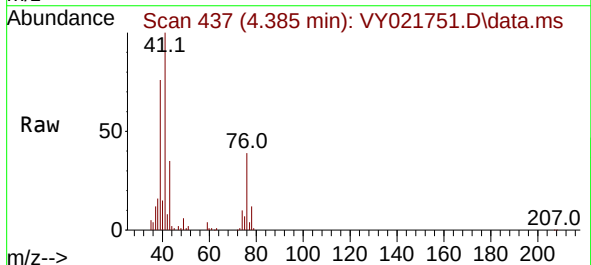
Manual Integrations
APPROVED

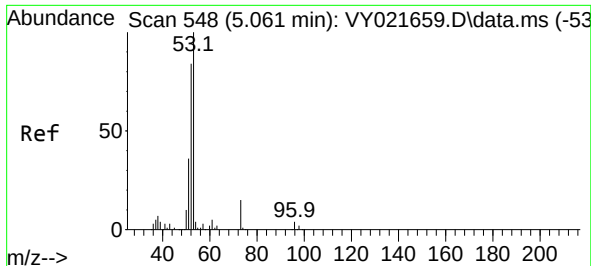
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#14
Allyl chloride
Concen: 19.482 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

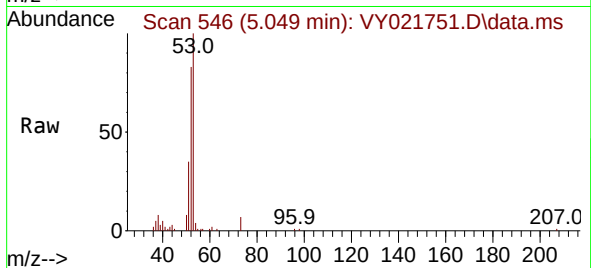
Tgt Ion: 41 Resp: 72713
Ion Ratio Lower Upper
41 100
39 73.9 58.6 88.0
76 38.8 30.3 45.5





#15
Acrylonitrile
Concen: 98.745 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

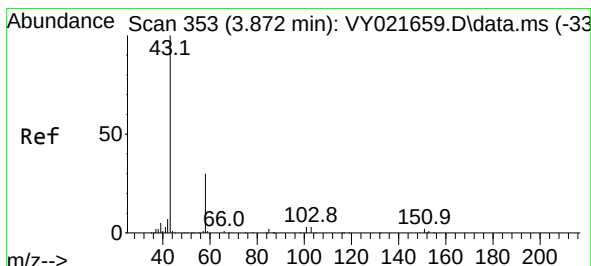
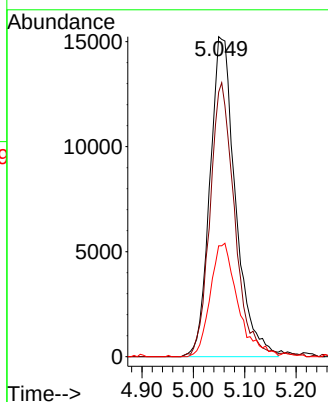
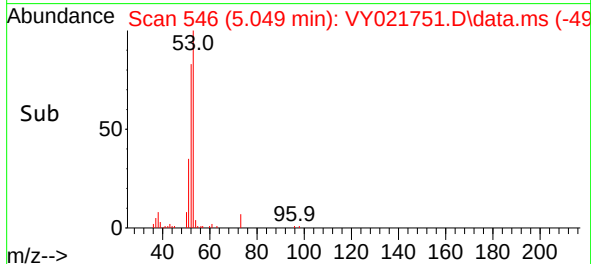
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01



Tgt Ion: 53 Resp: 5283
Ion Ratio Lower Upper
53 100
52 82.8 64.9 97.3
51 38.0 30.2 45.2

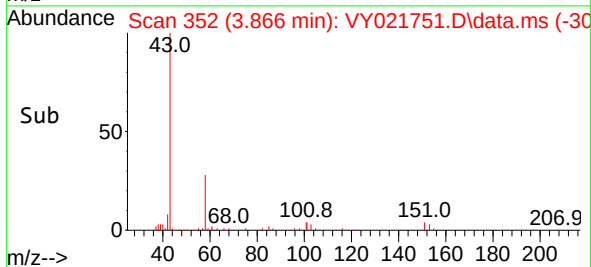
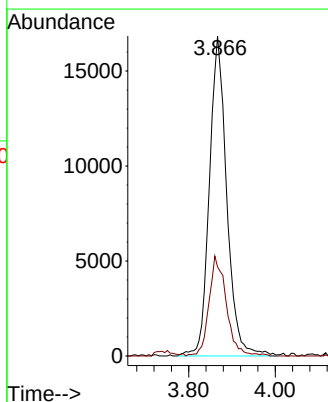
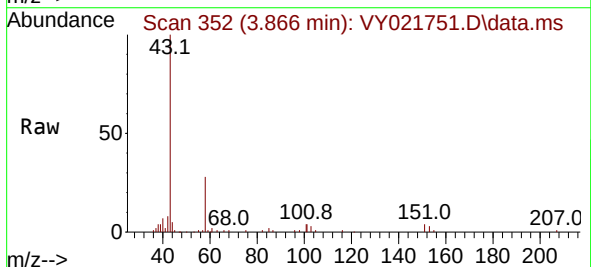
Manual Integrations
APPROVED

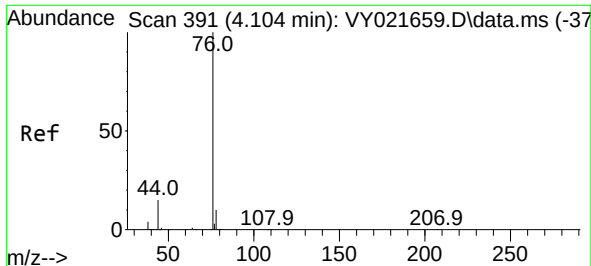
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#16
Acetone
Concen: 95.010 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

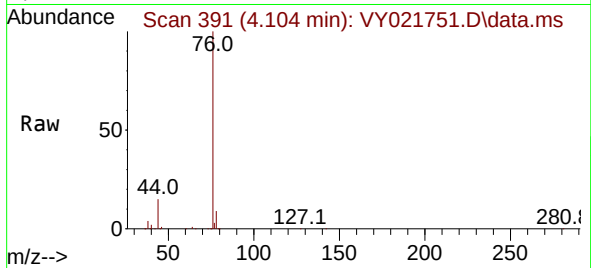
Tgt Ion: 43 Resp: 47018
Ion Ratio Lower Upper
43 100
58 27.8 24.2 36.4





#17
Carbon Disulfide
Concen: 19.056 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

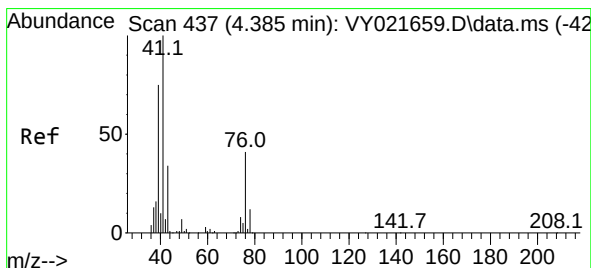
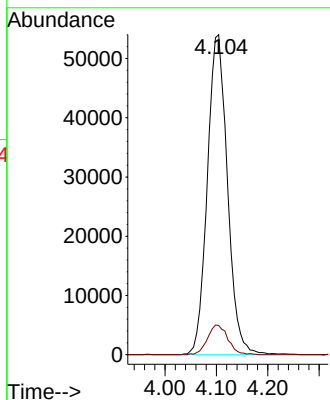
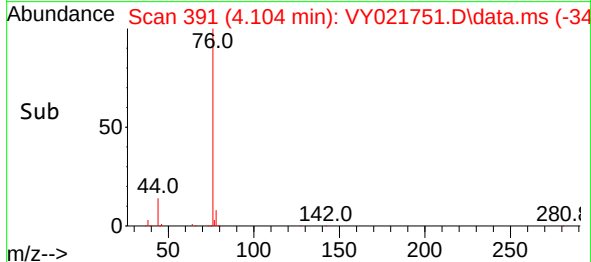
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



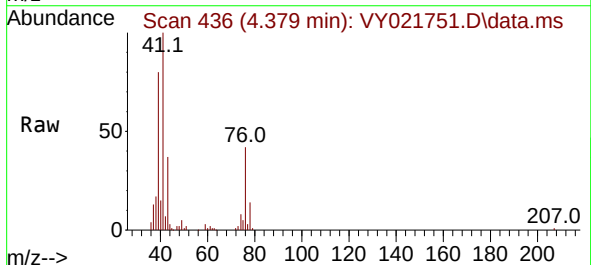
Tgt Ion: 76 Resp: 146920
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

Manual Integrations
APPROVED

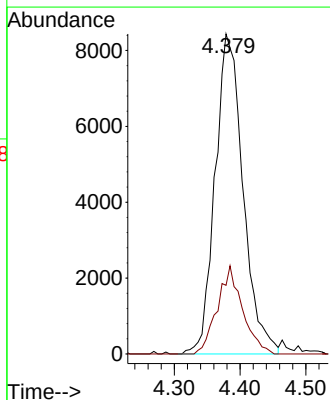
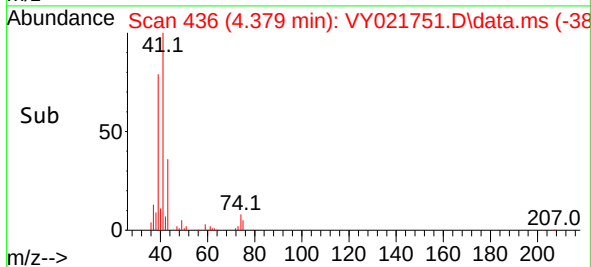
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

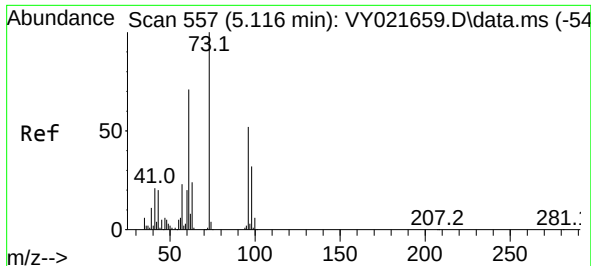


#18
Methyl Acetate
Concen: 20.324 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20



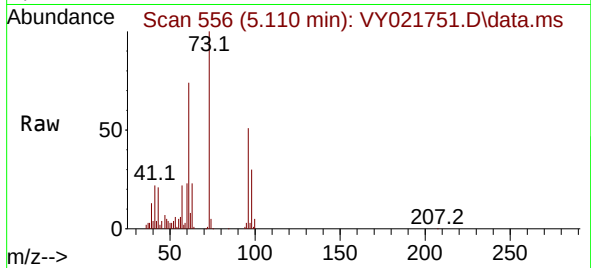
Tgt Ion: 43 Resp: 24927
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 19.819 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

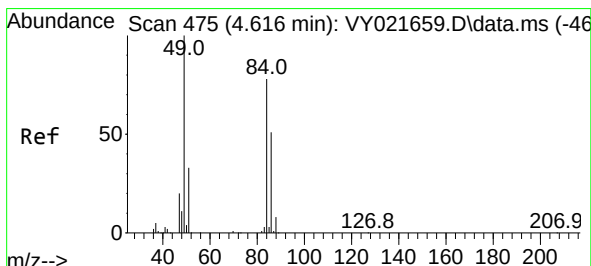
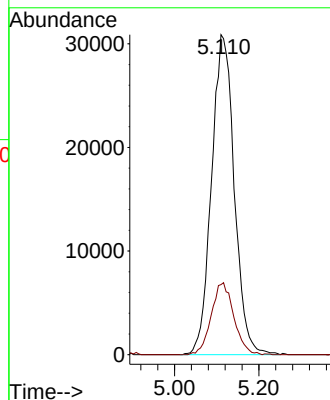
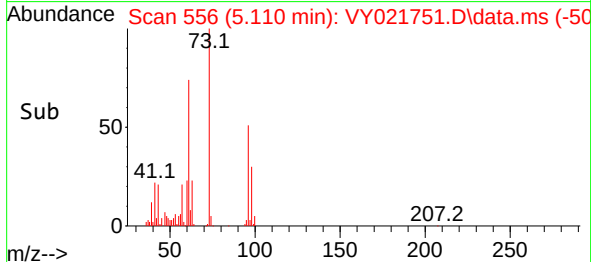
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



Tgt Ion: 73 Resp: 115500
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1

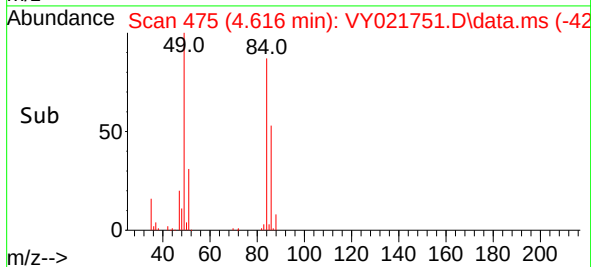
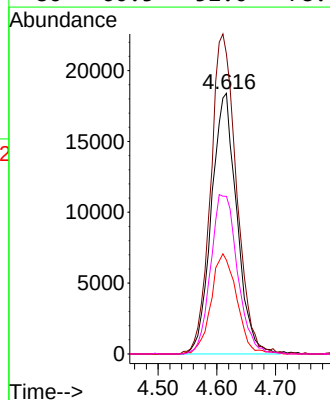
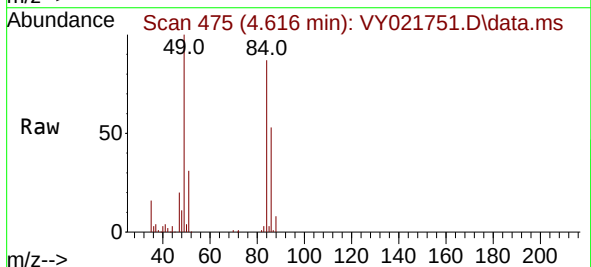
Manual Integrations
APPROVED

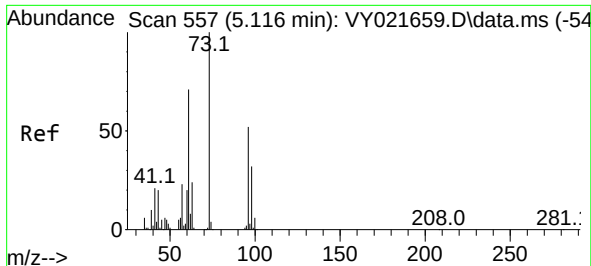
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#20
Methylene Chloride
Concen: 20.505 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

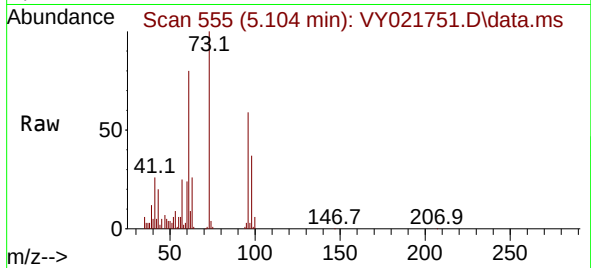
Tgt Ion: 84 Resp: 55178
Ion Ratio Lower Upper
84 100
49 115.1 102.8 154.2
51 36.0 33.5 50.3
86 60.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 19.683 ug/l
RT: 5.104 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

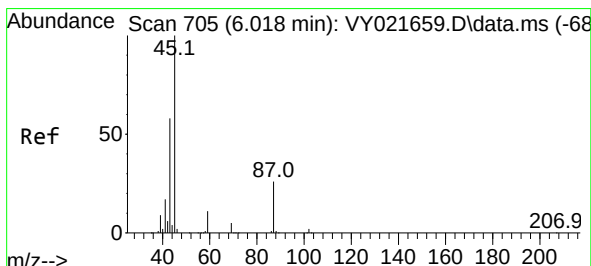
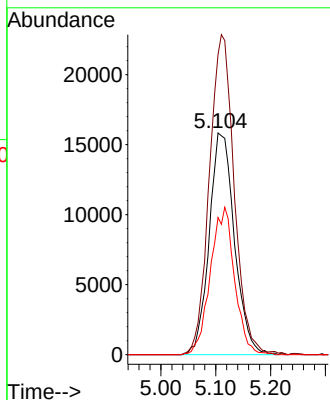
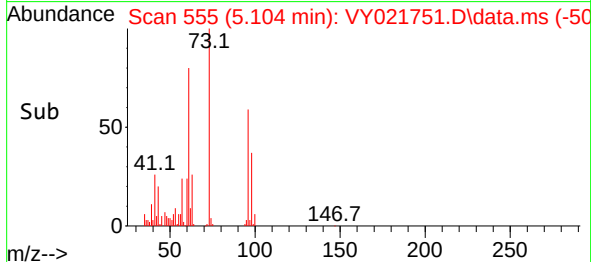
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



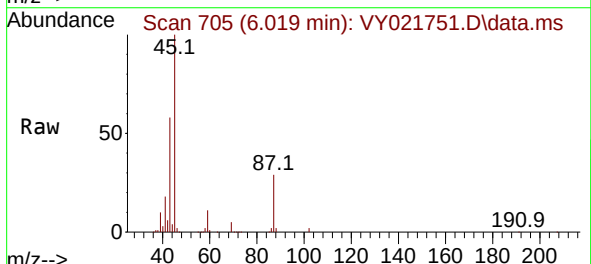
Tgt Ion: 96 Resp: 5073
Ion Ratio Lower Upper
96 100
61 135.4 109.4 164.0
98 61.8 50.2 75.2

Manual Integrations
APPROVED

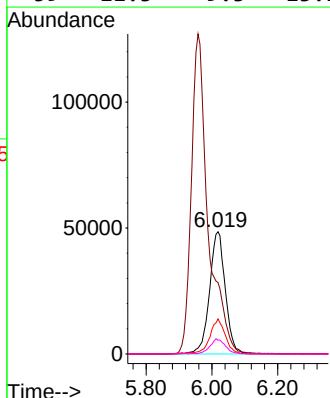
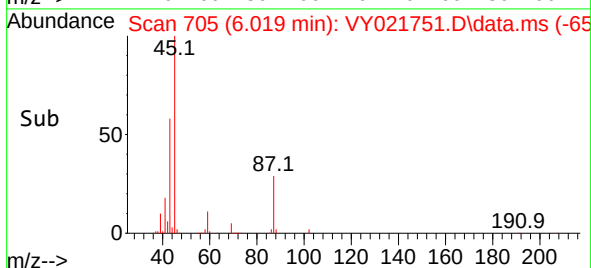
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

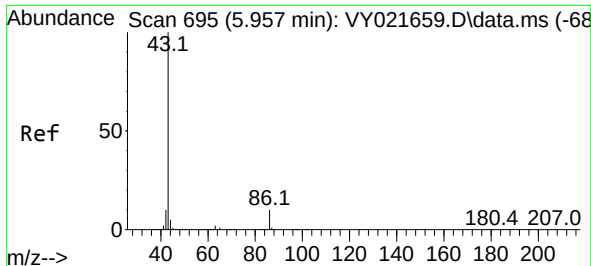


#22
Diisopropyl ether
Concen: 20.681 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20



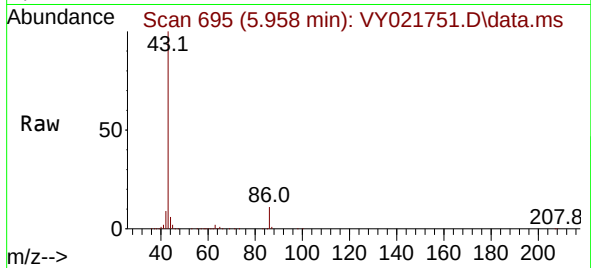
Tgt Ion: 45 Resp: 161917
Ion Ratio Lower Upper
45 100
43 57.9 46.6 69.8
87 28.6 20.7 31.1
59 11.3 9.3 13.9





#23
 Vinyl Acetate
 Concen: 97.634 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021751.D
 Acq: 02 Apr 2025 11:20

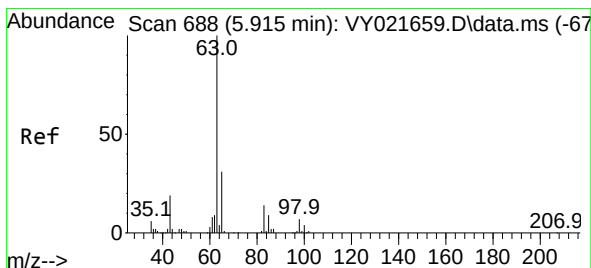
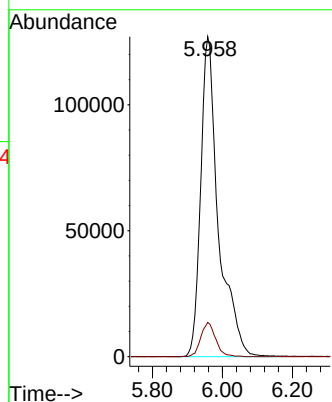
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01



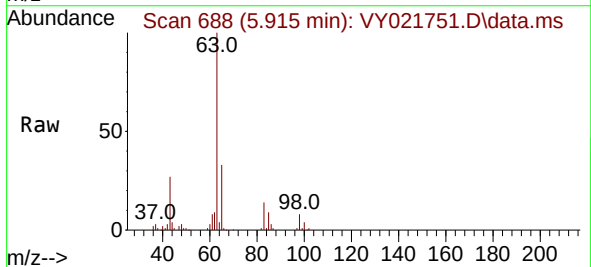
Tgt Ion: 43 Resp: 447188
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.2 12.2

Manual Integrations
 APPROVED

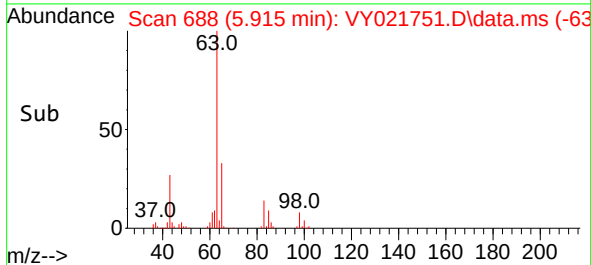
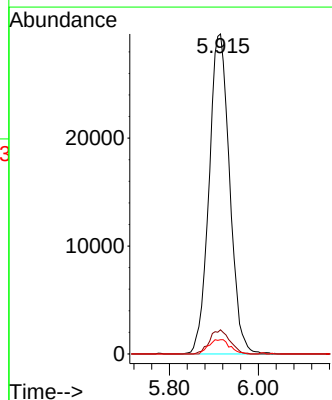
Reviewed By :Mahesh Dadoda 04/03/2025
 Supervised By :Semsettin Yesilyurt 04/03/2025

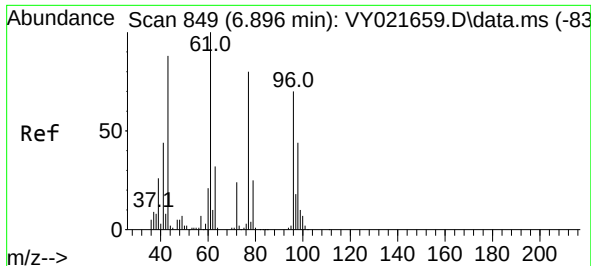


#24
 1,1-Dichloroethane
 Concen: 20.337 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021751.D
 Acq: 02 Apr 2025 11:20



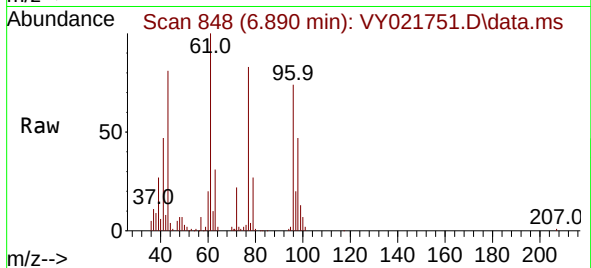
Tgt Ion: 63 Resp: 95210
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.4 2.2 6.6





#25
2-Butanone
Concen: 96.547 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

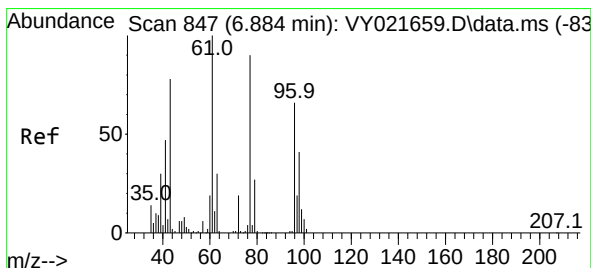
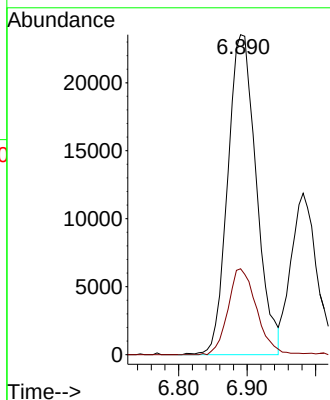
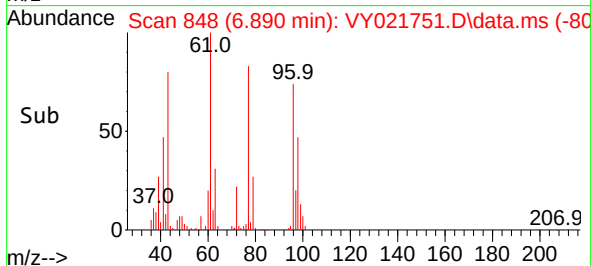
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



Tgt Ion: 43 Resp: 6824
Ion Ratio Lower Upper
43 100
72 26.9 21.4 32.2

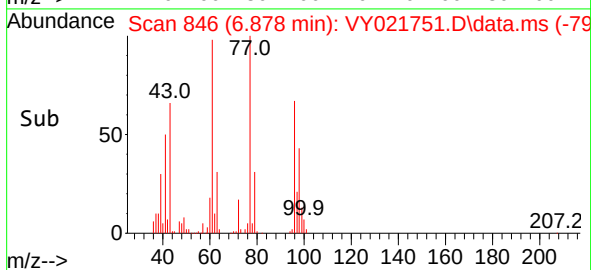
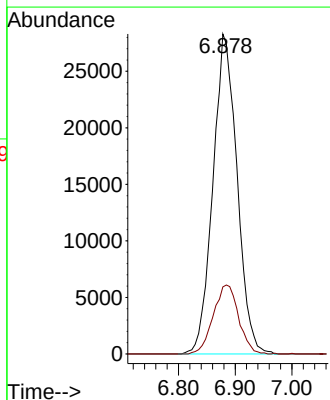
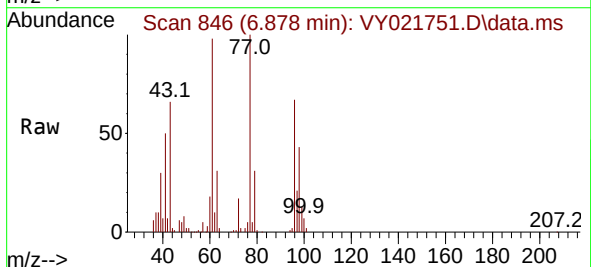
Manual Integrations
APPROVED

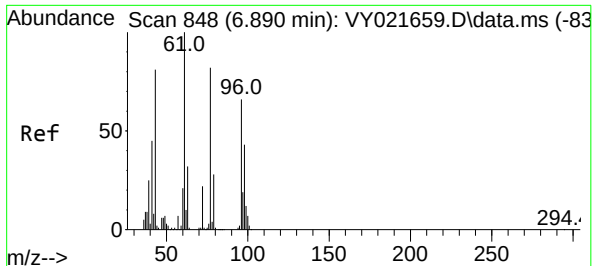
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#26
2,2-Dichloropropane
Concen: 20.078 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 77 Resp: 83612
Ion Ratio Lower Upper
77 100
97 22.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.044 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021751.D

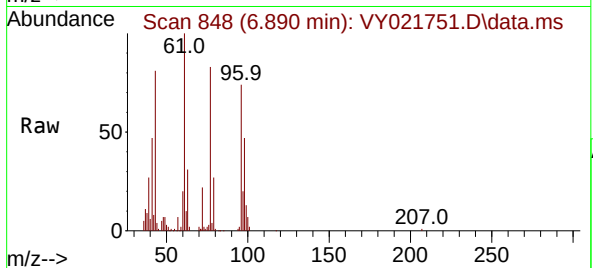
Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01



Tgt Ion: 96 Resp: 58098

Ion Ratio Lower Upper

96 100

61 146.0 0.0 296.4

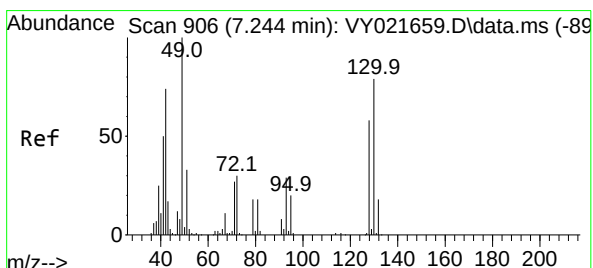
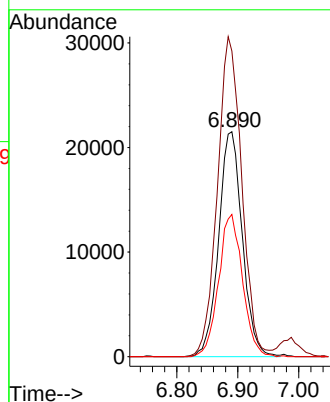
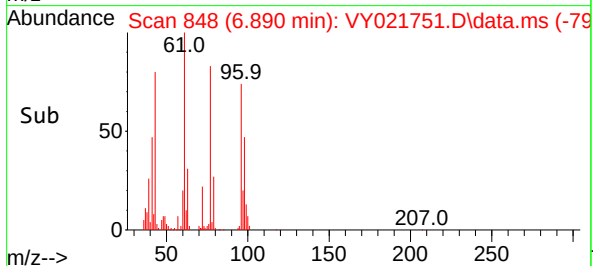
98 64.0 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025

Supervised By :Semsettin Yesilyurt 04/03/2025



#28

Bromochloromethane

Concen: 19.638 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

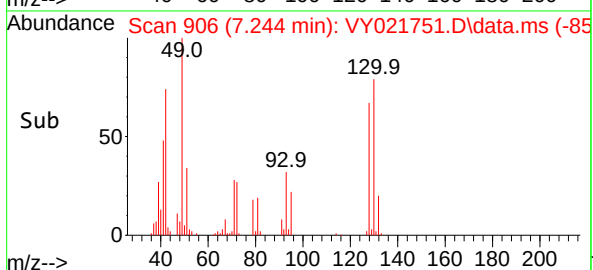
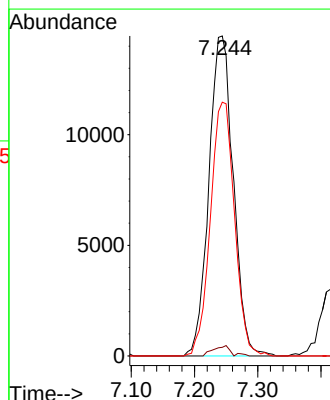
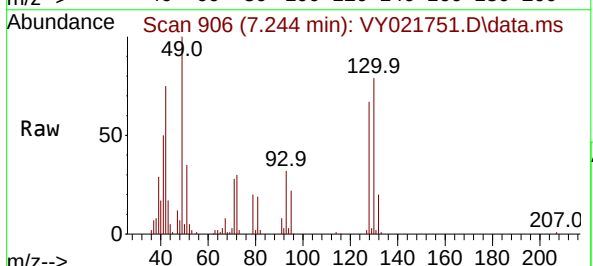
Tgt Ion: 49 Resp: 38774

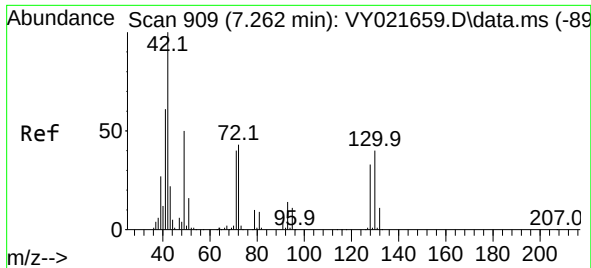
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 78.4 60.1 90.1





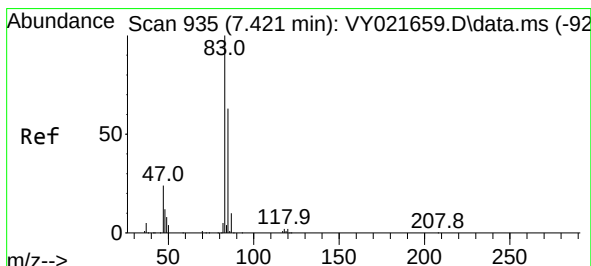
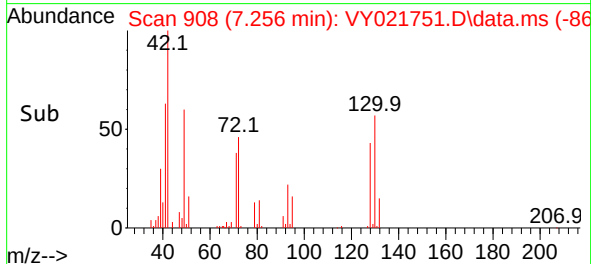
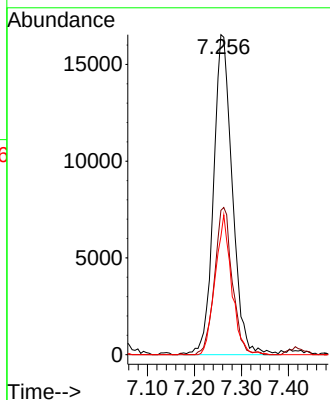
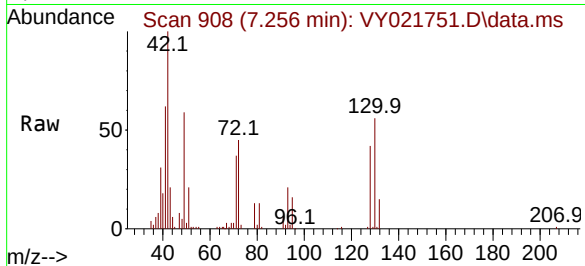
#29
Tetrahydrofuran
Concen: 101.029 ug/l
RT: 7.256 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

Tgt Ion: 42 Resp: 45958
Ion Ratio Lower Upper
42 100
72 43.4 34.6 52.0
71 38.5 32.5 48.7

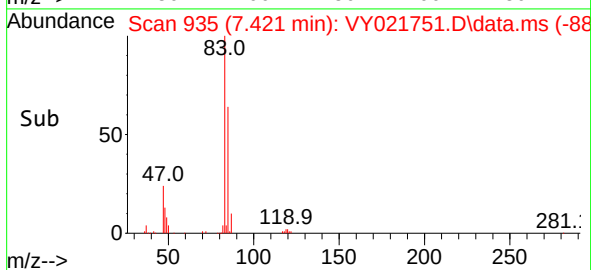
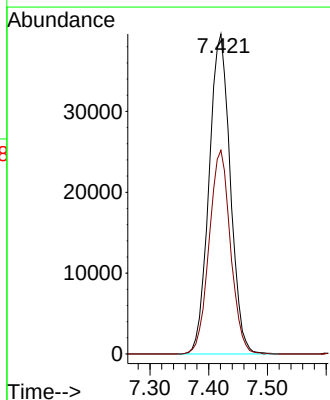
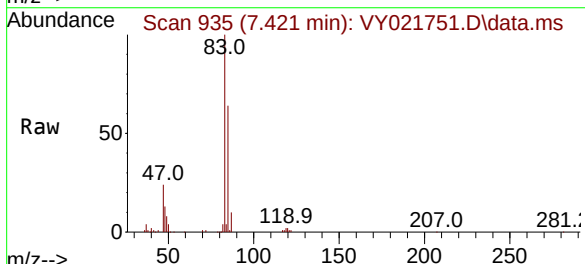
Manual Integrations
APPROVED

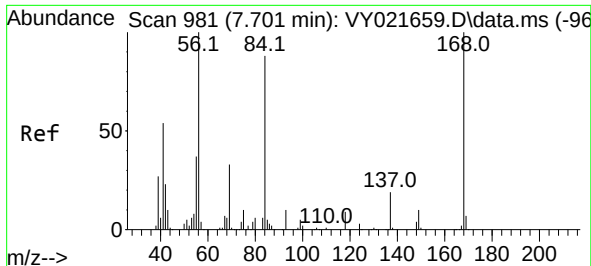
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#30
Chloroform
Concen: 20.421 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

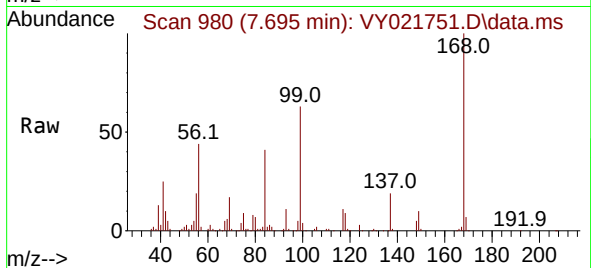
Tgt Ion: 83 Resp: 99438
Ion Ratio Lower Upper
83 100
85 63.7 50.6 75.8





#31
Cyclohexane
Concen: 18.815 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

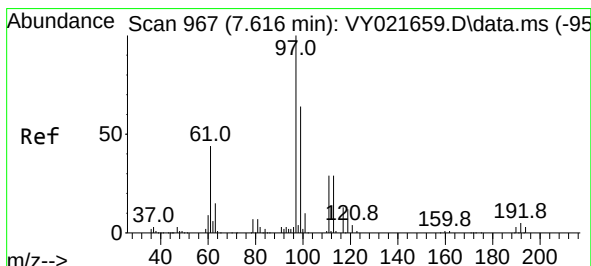
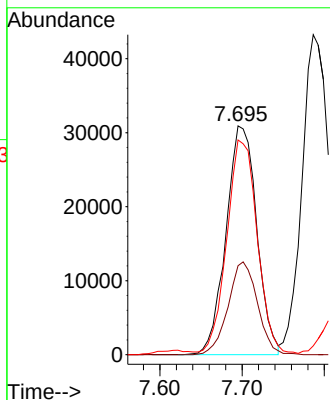
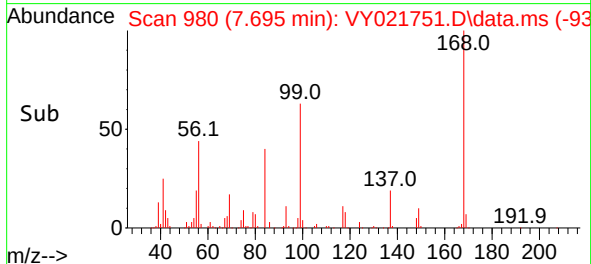
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



Tgt Ion: 56 Resp: 80290
Ion Ratio Lower Upper
56 100
69 38.9 26.6 40.0
84 91.9 69.0 103.4

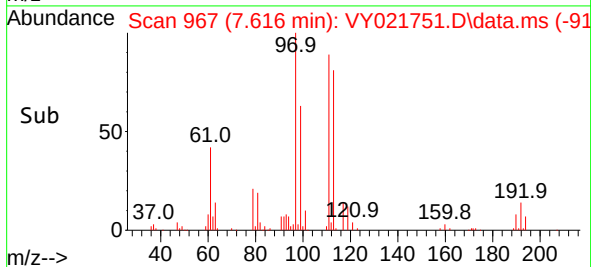
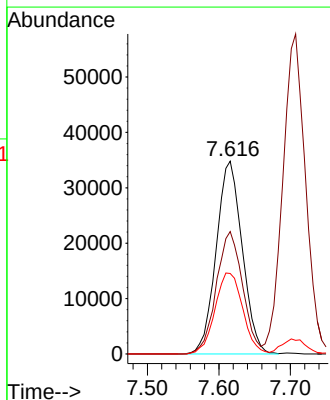
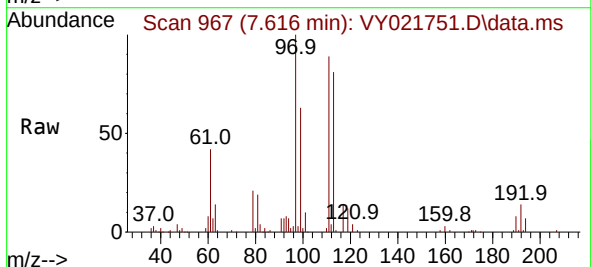
Manual Integrations
APPROVED

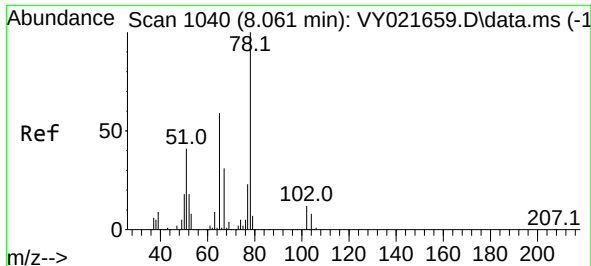
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#32
1,1,1-Trichloroethane
Concen: 20.001 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 97 Resp: 88023
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 44.8 35.2 52.8





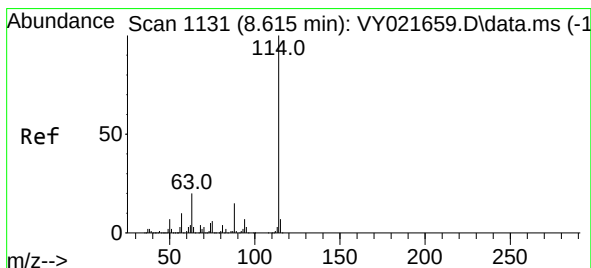
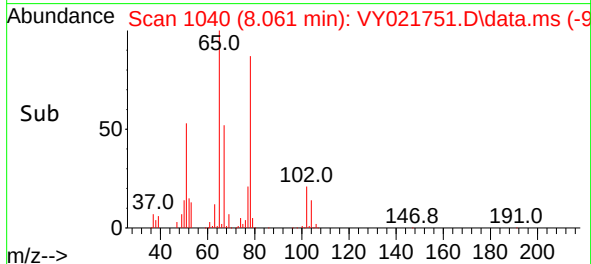
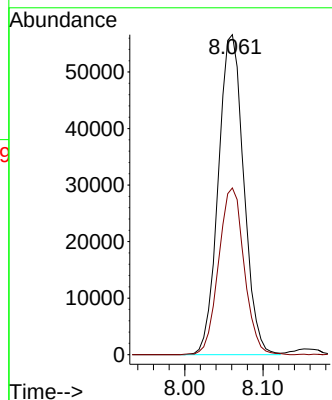
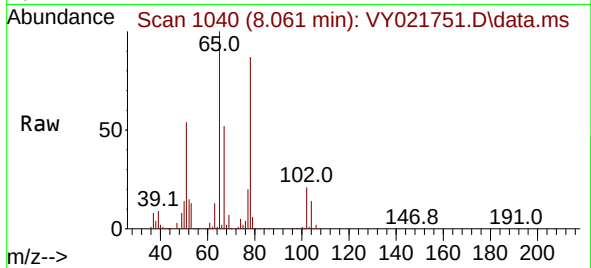
#33
1,2-Dichloroethane-d4
Concen: 52.829 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

Tgt Ion: 65 Resp: 12774
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6

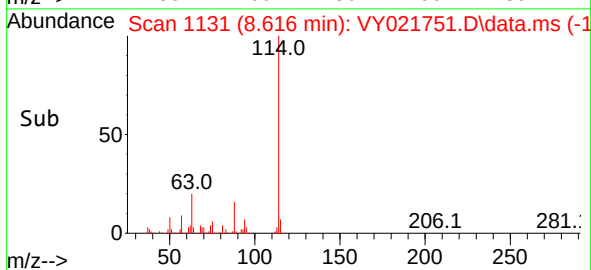
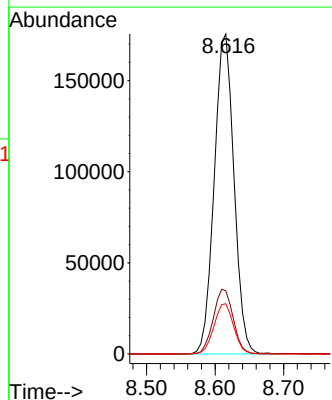
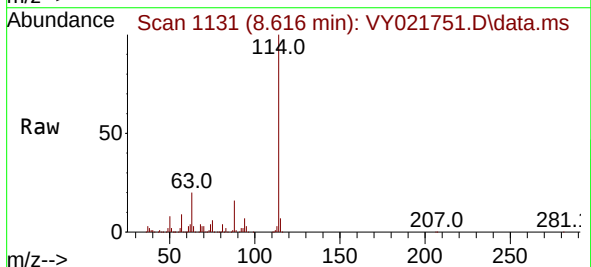
Manual Integrations
APPROVED

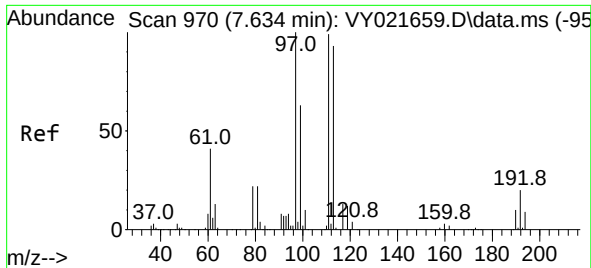
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

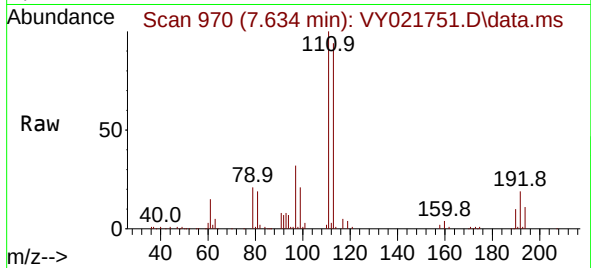
Tgt Ion:114 Resp: 350920
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.2
88 15.7 0.0 29.8





#35
Dibromofluoromethane
Concen: 53.293 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

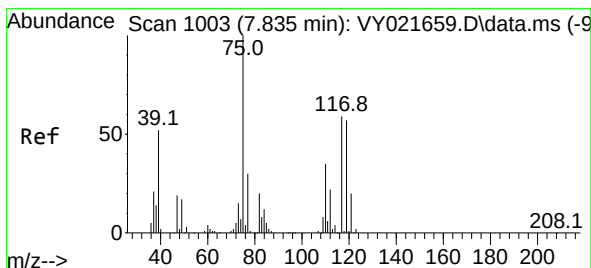
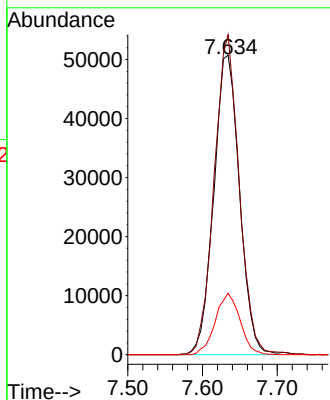
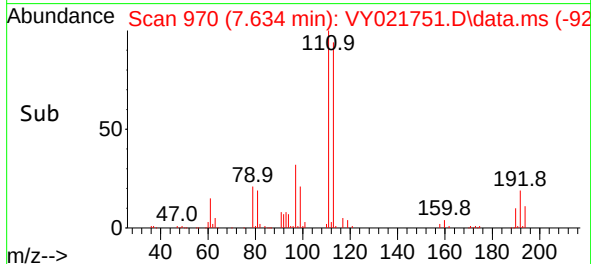
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01



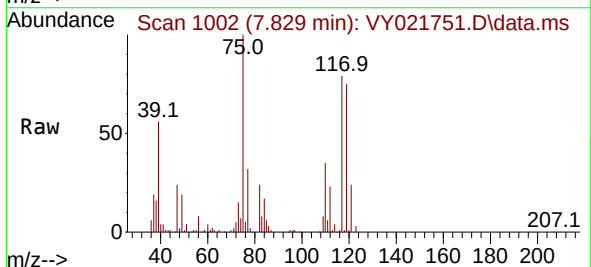
Tgt Ion:113 Resp: 12131
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.7 16.2 24.4

Manual Integrations
APPROVED

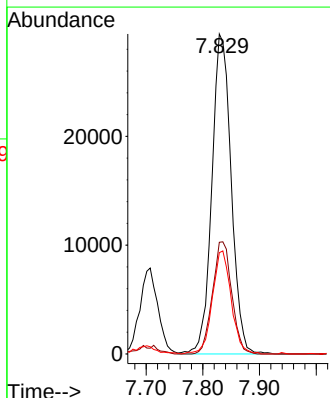
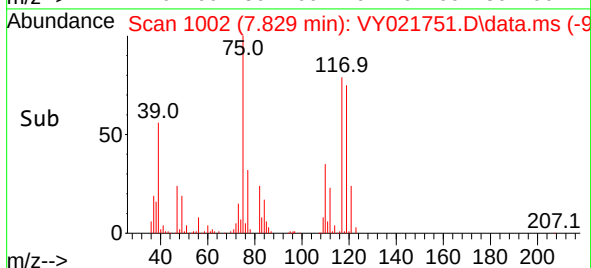
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

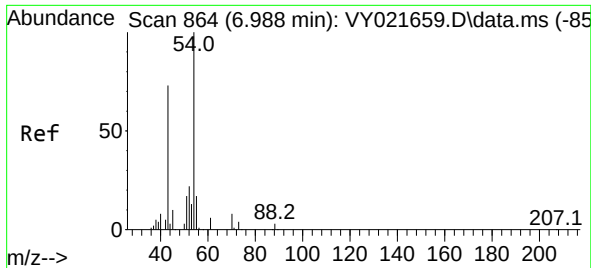


#36
1,1-Dichloropropene
Concen: 20.098 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20



Tgt Ion: 75 Resp: 69686
Ion Ratio Lower Upper
75 100
110 34.8 17.0 50.9
77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 18.957 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

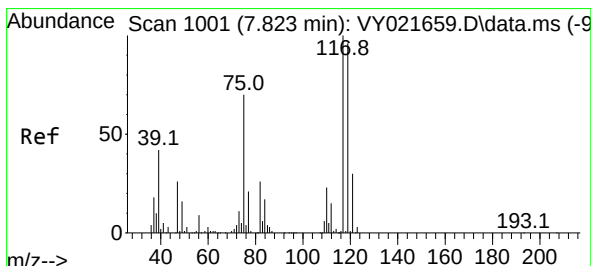
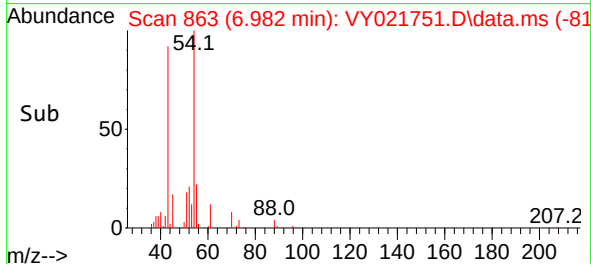
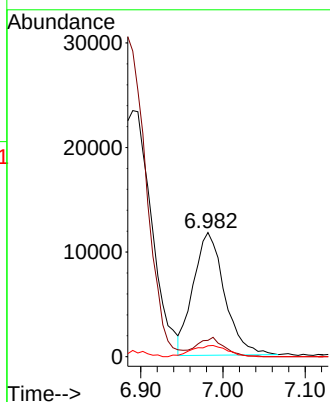
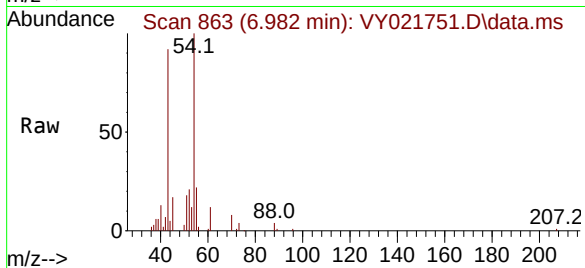
Tgt Ion: 43 Resp: 31020

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.6
70	10.4	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#38

Carbon Tetrachloride

Concen: 20.075 ug/l

RT: 7.817 min Scan# 1000

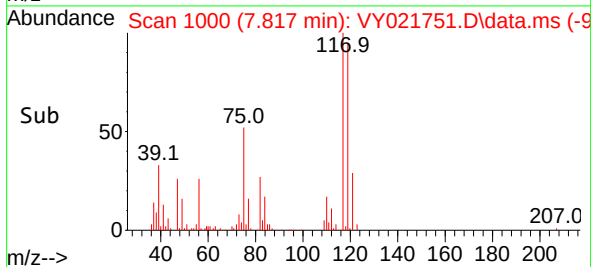
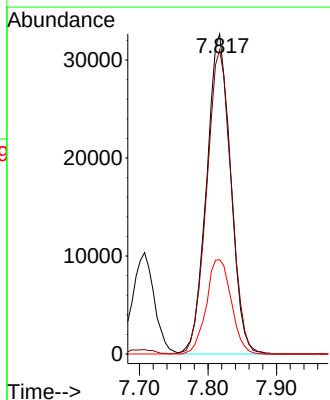
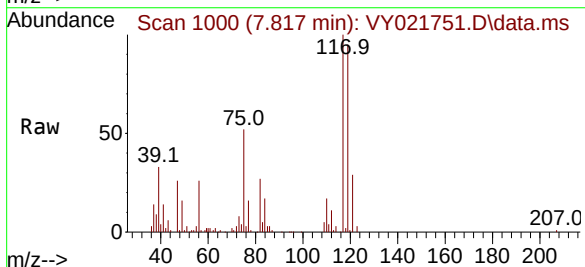
Delta R.T. -0.006 min

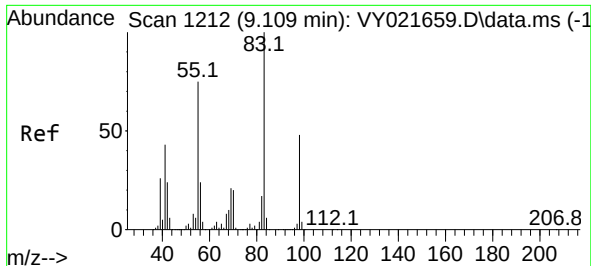
Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Tgt Ion:117 Resp: 79723

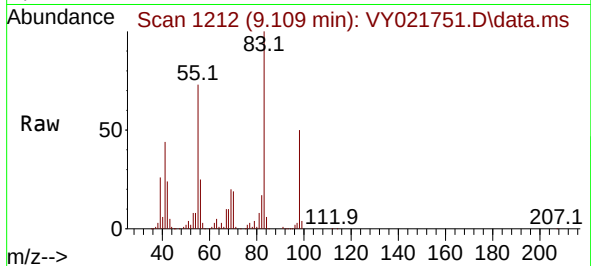
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.4
121	29.4	24.2	36.4





#39
Methylcyclohexane
Concen: 19.715 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

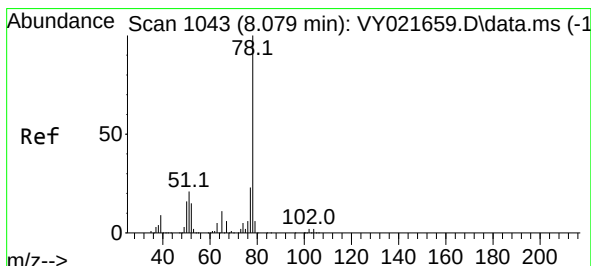
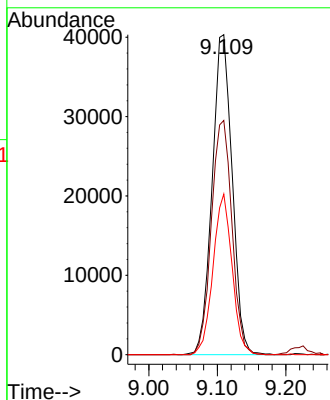
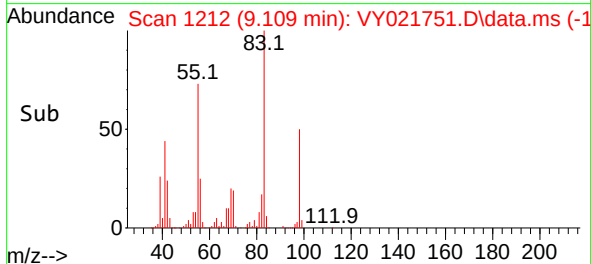
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



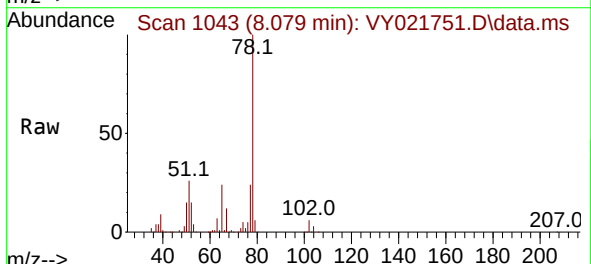
Tgt Ion: 83 Resp: 81659
Ion Ratio Lower Upper
83 100
55 73.2 59.7 89.5
98 50.2 38.3 57.5

Manual Integrations
APPROVED

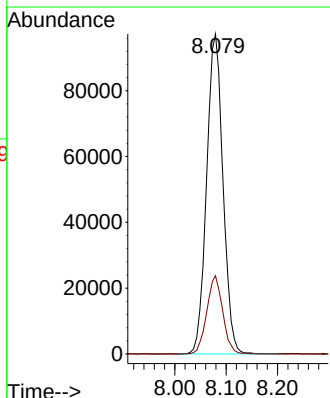
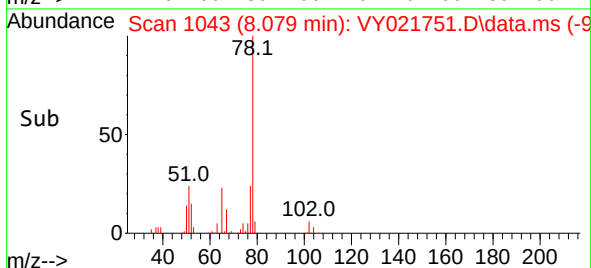
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

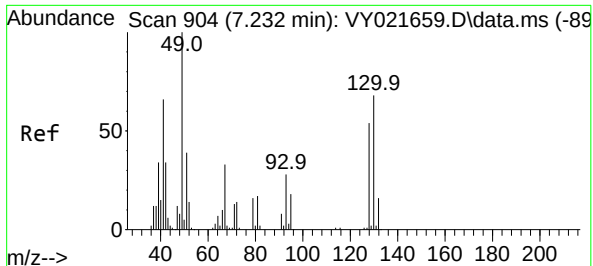


#40
Benzene
Concen: 20.694 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20



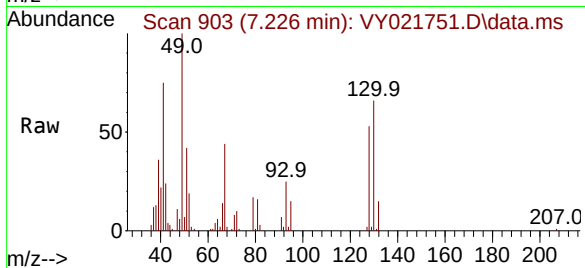
Tgt Ion: 78 Resp: 214875
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2





#41
Methacrylonitrile
Concen: 22.619 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

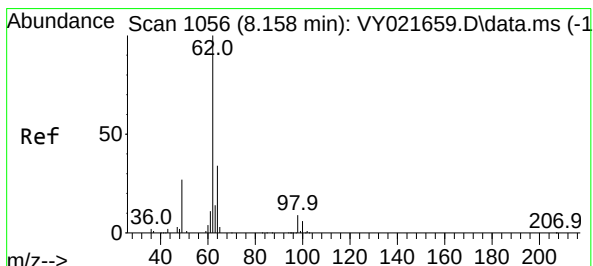
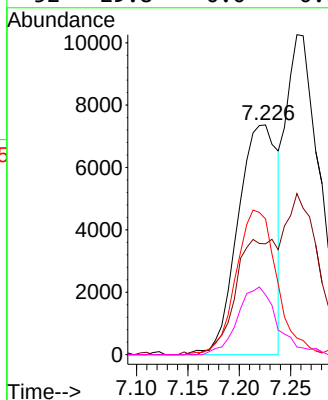
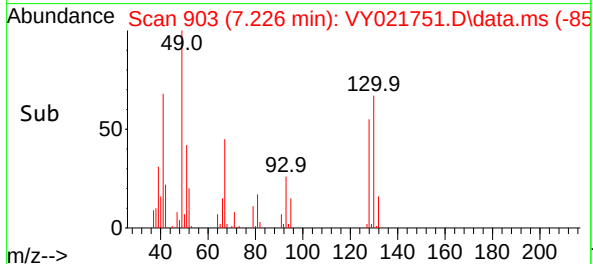
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



Tgt Ion: 41 Resp: 19650
Ion Ratio Lower Upper
41 100
39 39.8 0.0 0.0
67 65.0 0.0 0.0
52 29.8 0.0 0.0

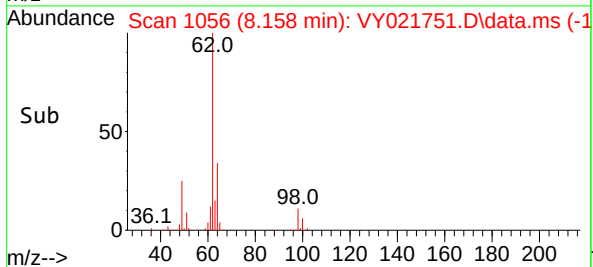
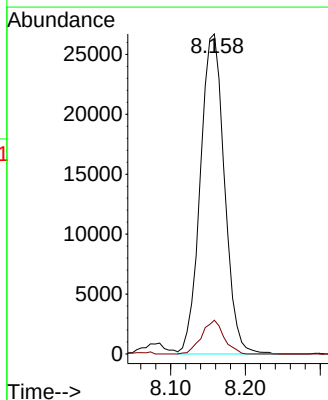
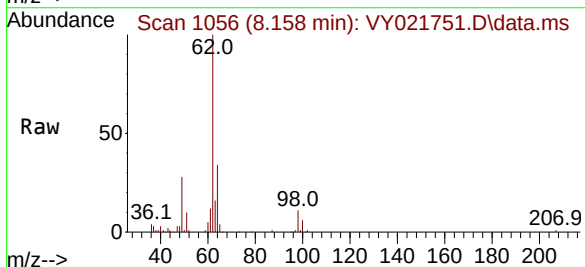
Manual Integrations
APPROVED

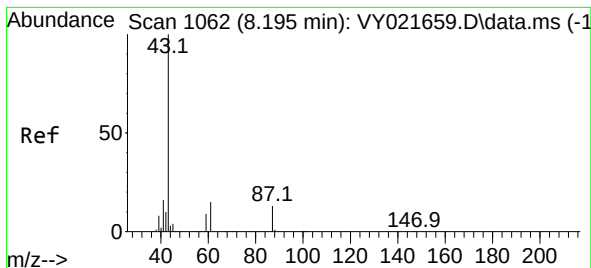
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#42
1,2-Dichloroethane
Concen: 20.465 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 62 Resp: 59907
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.4





#43

Isopropyl Acetate

Concen: 19.286 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

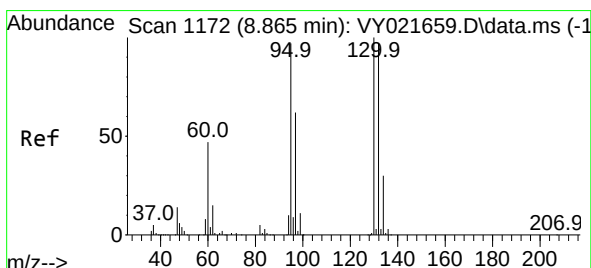
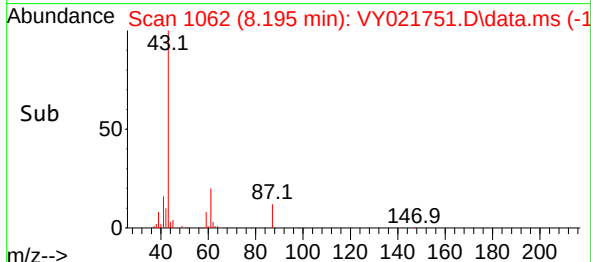
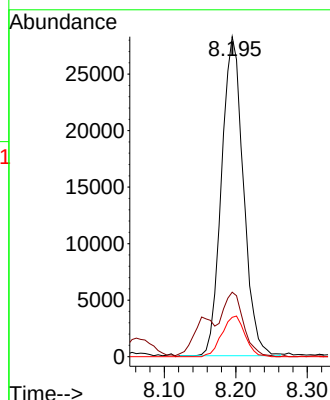
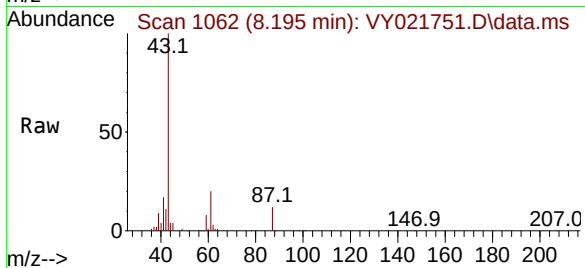
VY0402SBS01

Tgt Ion: 43	Resp: 5980
Ion Ratio	Lower Upper
43	100
61	20.0 15.9 23.9
87	13.4 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#44

Trichloroethene

Concen: 20.759 ug/l

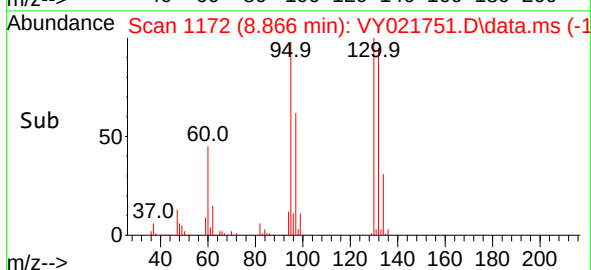
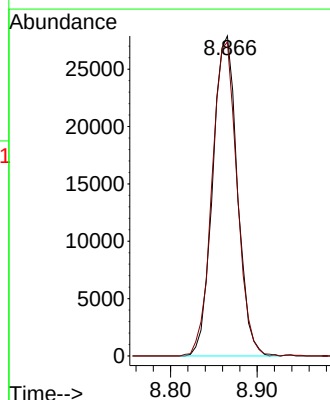
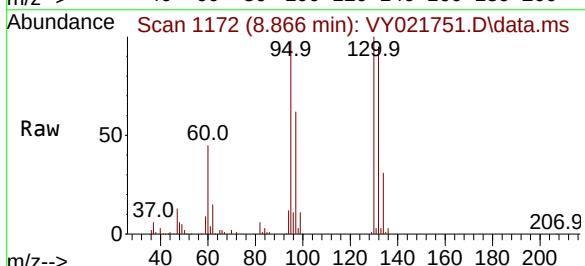
RT: 8.866 min Scan# 1172

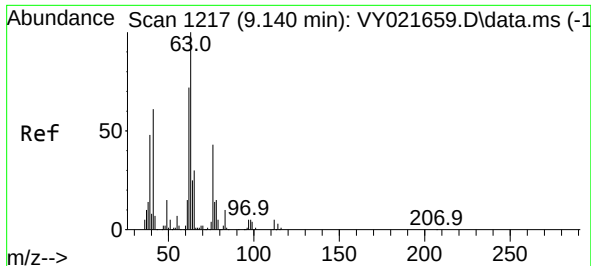
Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Tgt Ion:130	Resp: 54920
Ion Ratio	Lower Upper
130	100
95	98.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.524 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

Tgt Ion: 63 Resp: 5044

Ion Ratio Lower Upper

63 100

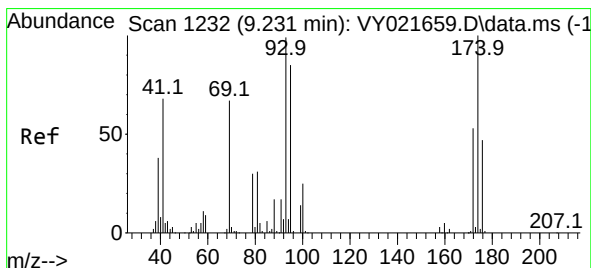
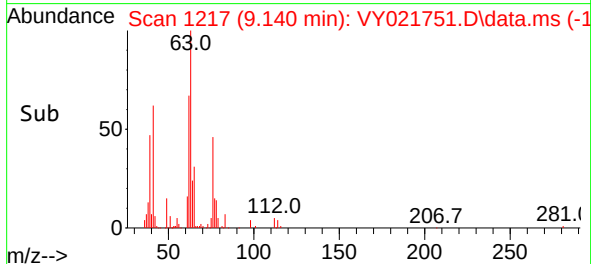
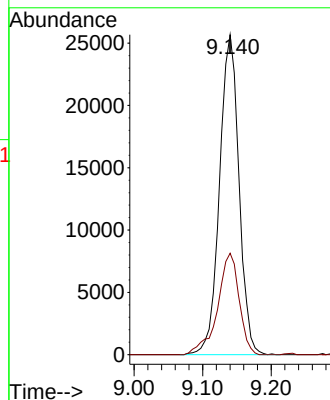
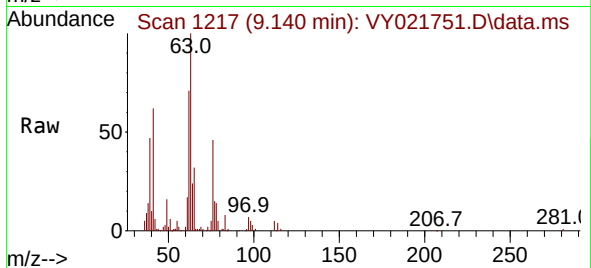
65 31.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025

Supervised By :Semsettin Yesilyurt 04/03/2025



#46

Dibromomethane

Concen: 20.232 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

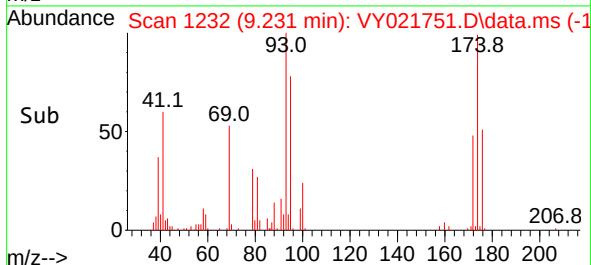
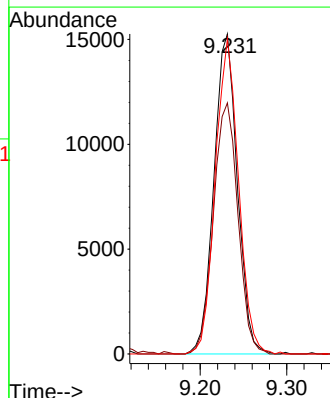
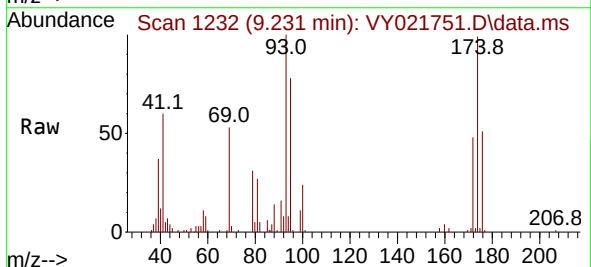
Tgt Ion: 93 Resp: 28659

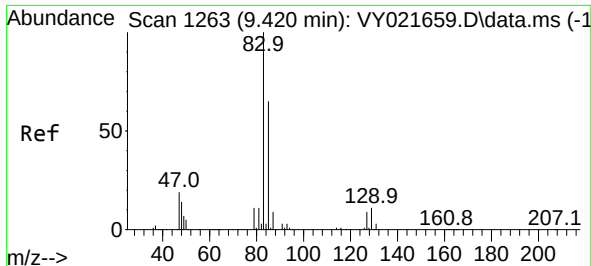
Ion Ratio Lower Upper

93 100

95 82.1 68.1 102.1

174 98.2 80.9 121.3





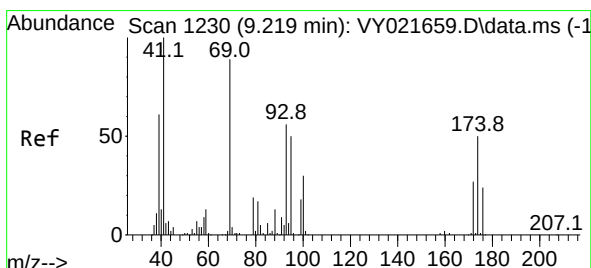
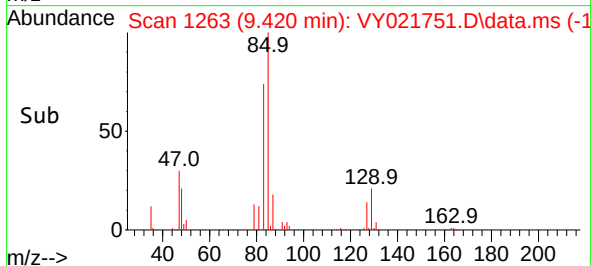
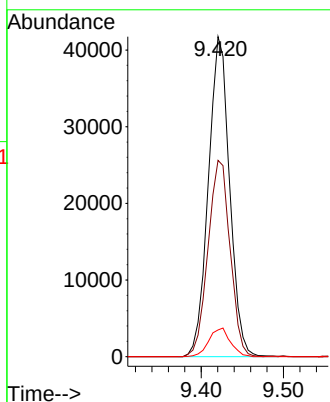
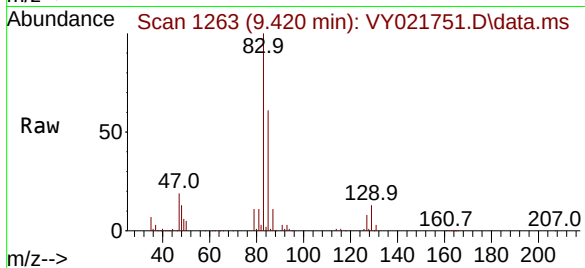
#47
Bromodichloromethane
Concen: 20.382 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

Tgt Ion: 83 Resp: 7481
Ion Ratio Lower Upper
83 100
85 61.3 51.8 77.6
127 8.4 6.8 10.2

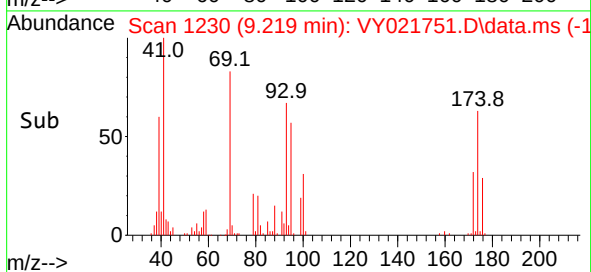
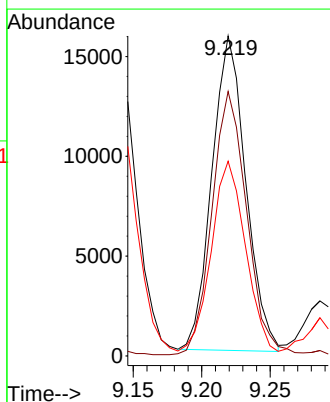
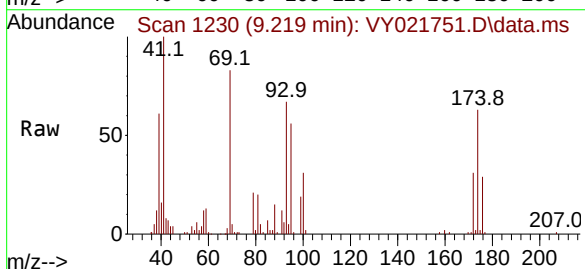
Manual Integrations
APPROVED

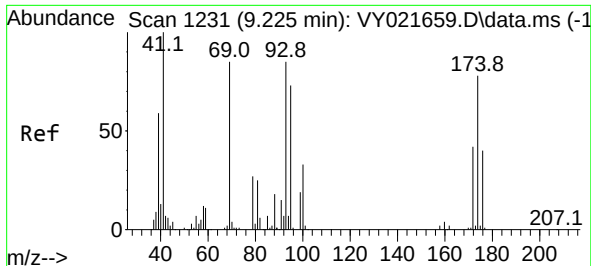
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#48
Methyl methacrylate
Concen: 19.050 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

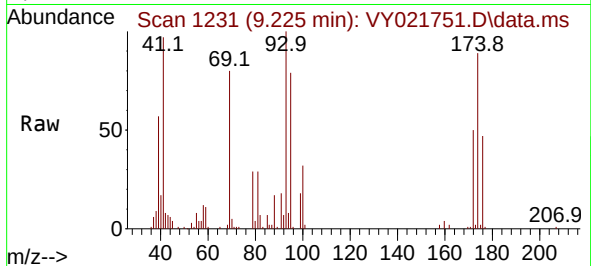
Tgt Ion: 41 Resp: 27112
Ion Ratio Lower Upper
41 100
69 85.8 69.8 104.8
39 61.3 47.2 70.8





#49
1,4-Dioxane
Concen: 404.230 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

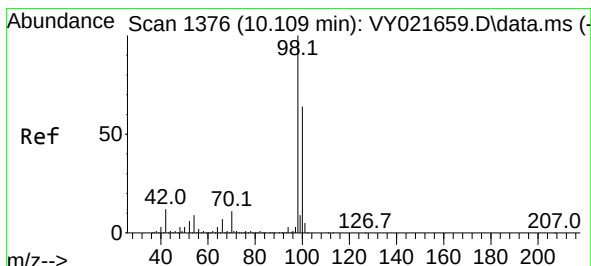
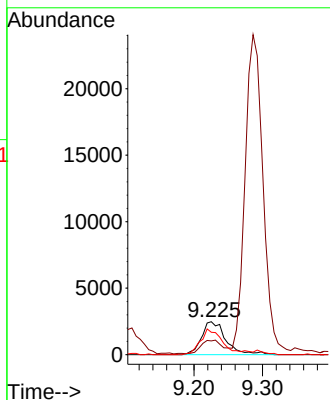
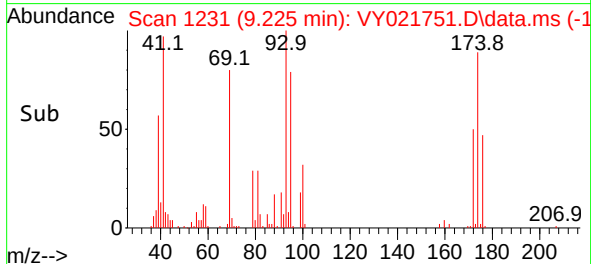
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



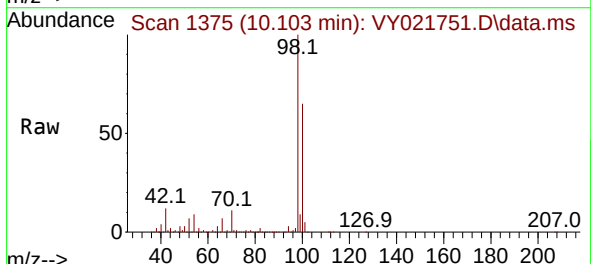
Tgt Ion: 88 Resp: 6134
Ion Ratio Lower Upper
88 100
43 35.3 28.8 43.2
58 73.4 59.4 89.2

Manual Integrations
APPROVED

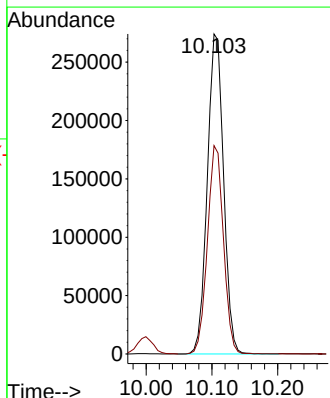
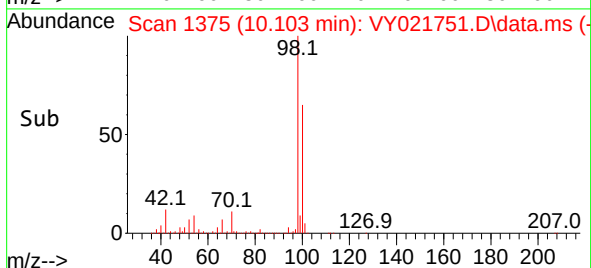
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

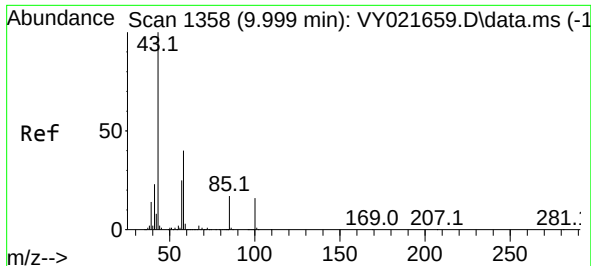


#50
Toluene-d8
Concen: 54.511 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20



Tgt Ion: 98 Resp: 472062
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 98.099 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

Tgt Ion: 43 Resp: 15830

Ion Ratio Lower Upper

43 100

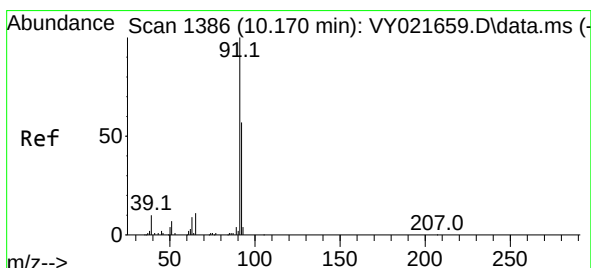
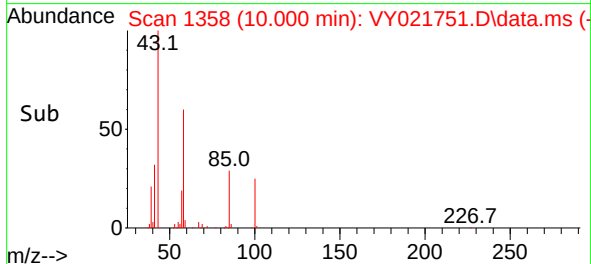
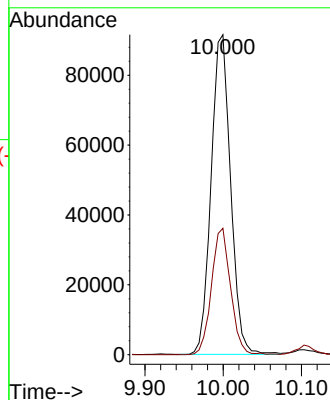
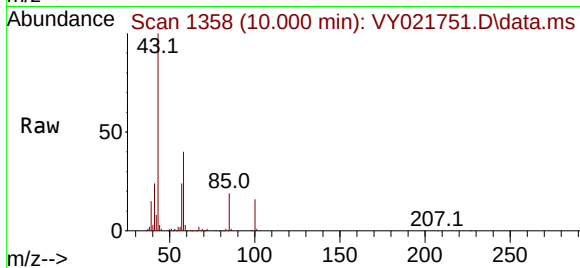
58 38.7 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025

Supervised By :Semsettin Yesilyurt 04/03/2025



#52

Toluene

Concen: 20.769 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021751.D

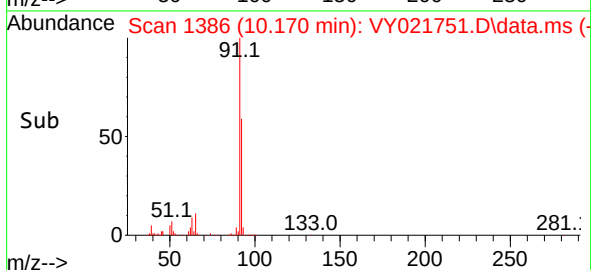
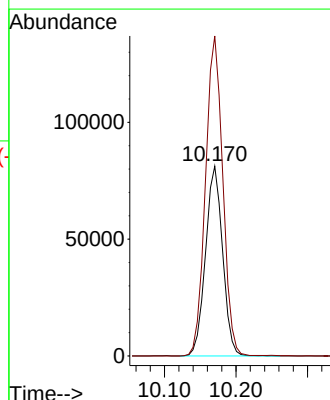
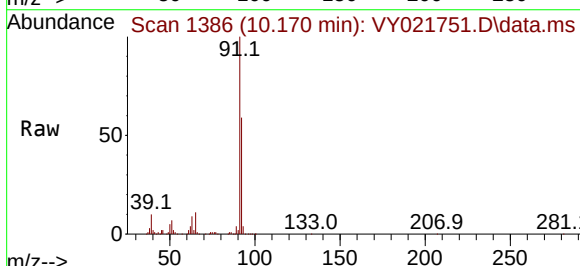
Acq: 02 Apr 2025 11:20

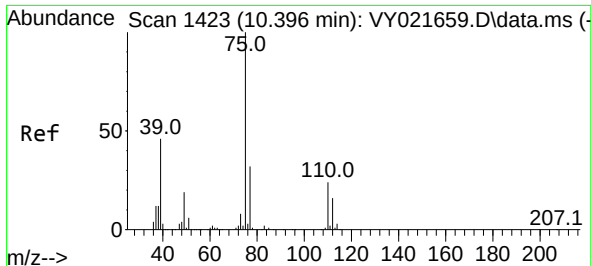
Tgt Ion: 92 Resp: 134550

Ion Ratio Lower Upper

92 100

91 170.8 138.6 207.8





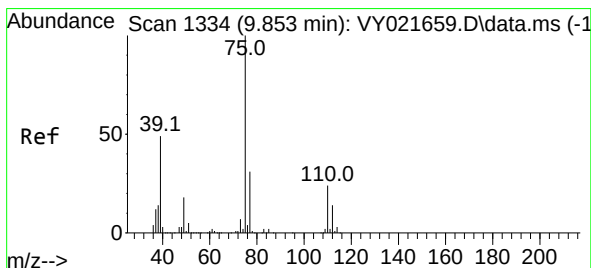
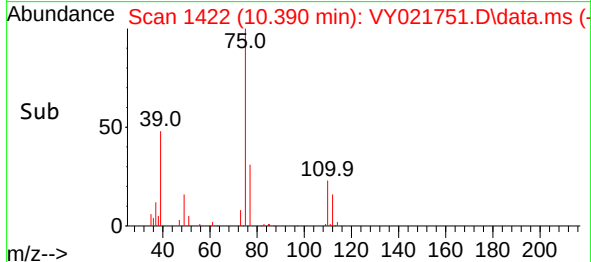
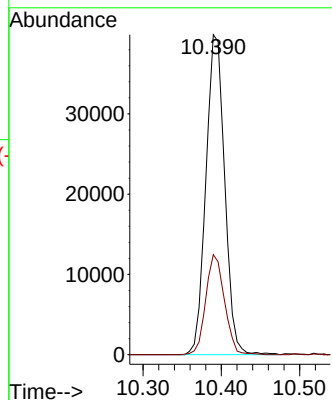
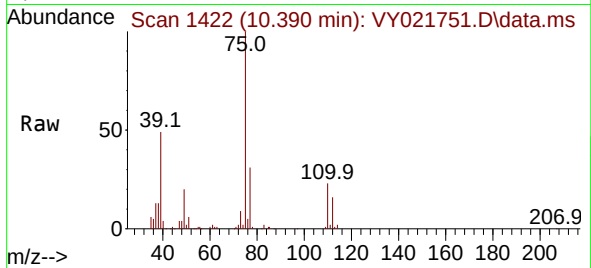
#53
t-1,3-Dichloropropene
Concen: 20.355 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument : MSVOA_Y
ClientSampleId : VY0402SBSD01

Tgt Ion: 75 Resp: 66360
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9

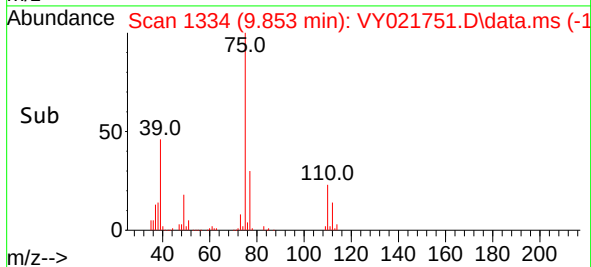
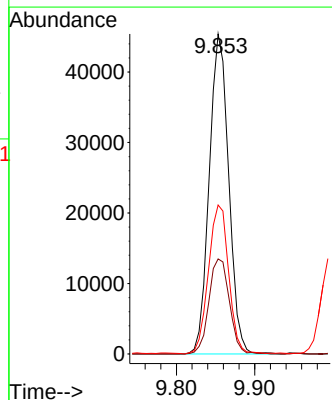
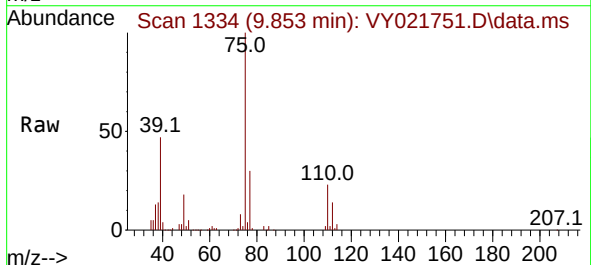
Manual Integrations
APPROVED

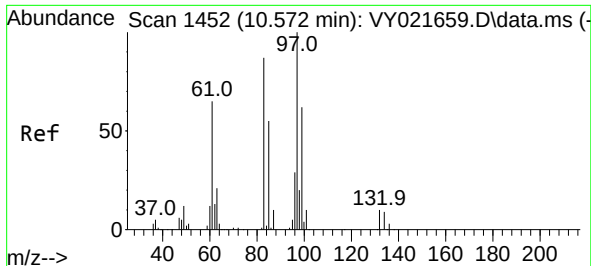
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#54
cis-1,3-Dichloropropene
Concen: 20.364 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

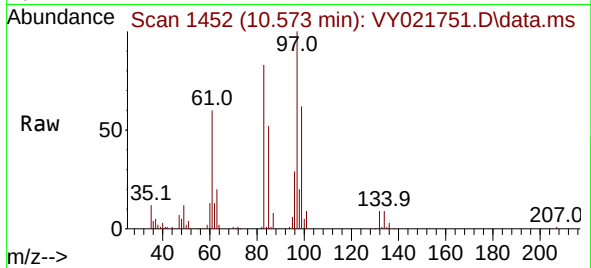
Tgt Ion: 75 Resp: 78324
Ion Ratio Lower Upper
75 100
77 29.7 24.9 37.3
39 46.4 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 20.782 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

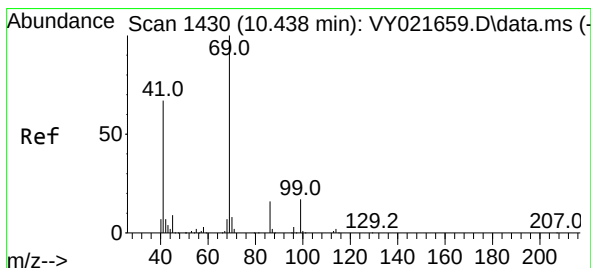
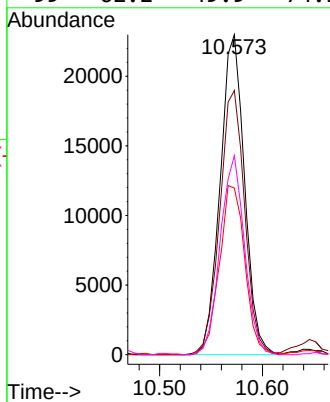
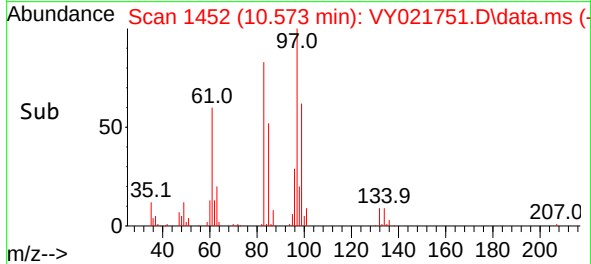
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



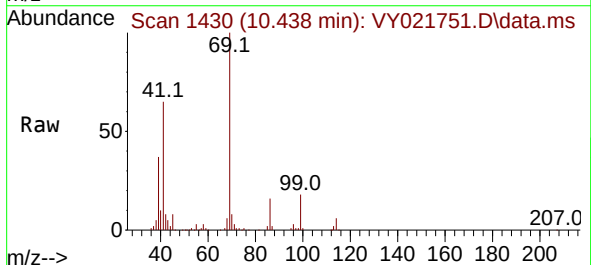
Tgt Ion:	97	Resp:	3788
Ion Ratio	100	Lower	Upper
83	82.5	69.5	104.3
85	52.0	43.9	65.9
99	62.2	49.9	74.9

Manual Integrations
APPROVED

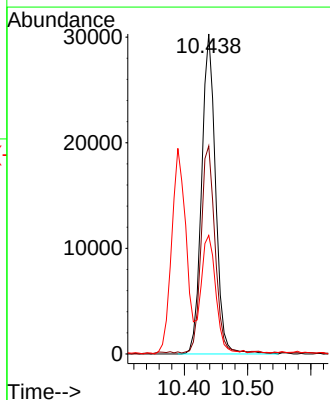
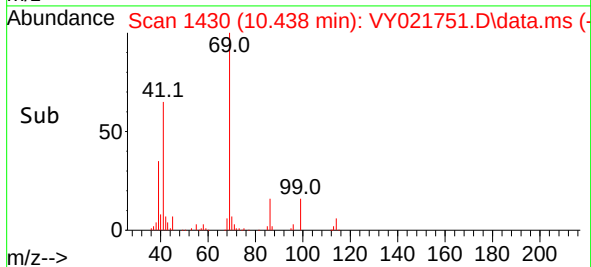
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

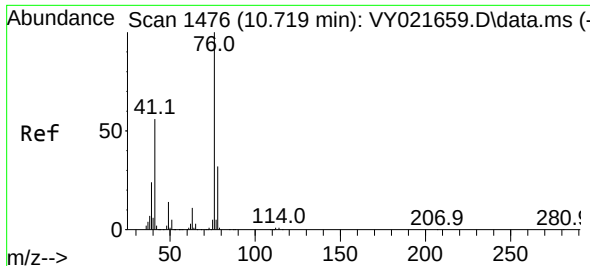


#56
Ethyl methacrylate
Concen: 20.013 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20



Tgt Ion:	69	Resp:	46583
Ion Ratio	100	Lower	Upper
41	64.7	53.8	80.6
39	39.1	29.6	44.4





#57

1,3-Dichloropropane

Concen: 20.422 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021751.D

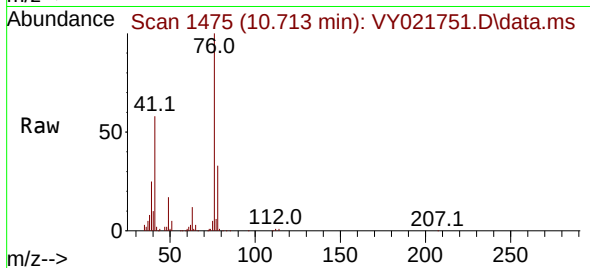
Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01



Tgt Ion: 76 Resp: 64294

Ion Ratio Lower Upper

76 100

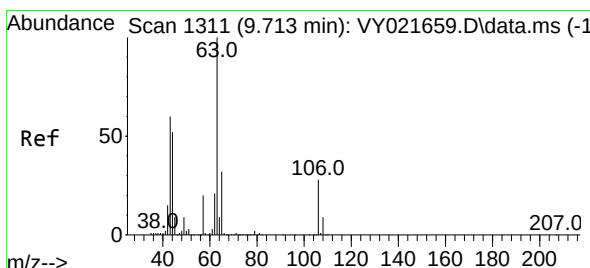
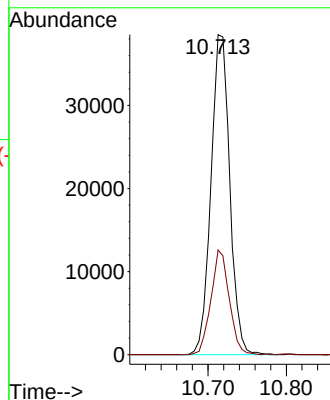
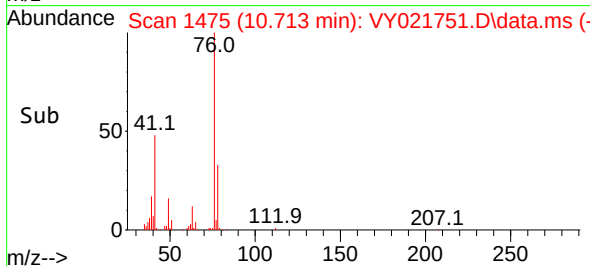
78 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025

Supervised By :Semsettin Yesilyurt 04/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 101.204 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021751.D

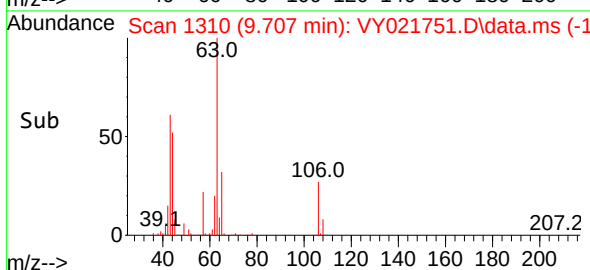
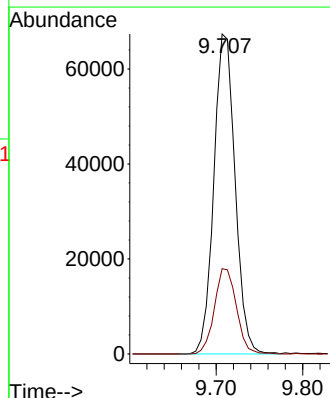
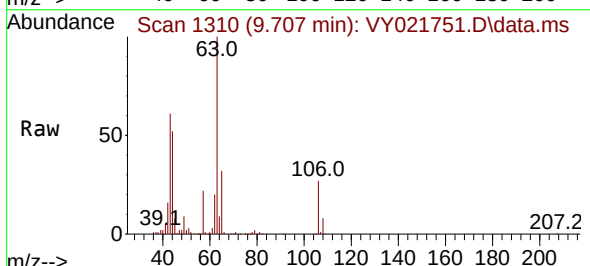
Acq: 02 Apr 2025 11:20

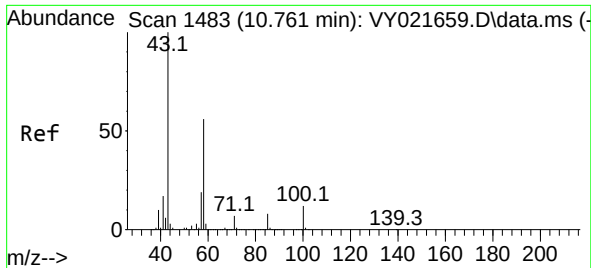
Tgt Ion: 63 Resp: 114916

Ion Ratio Lower Upper

63 100

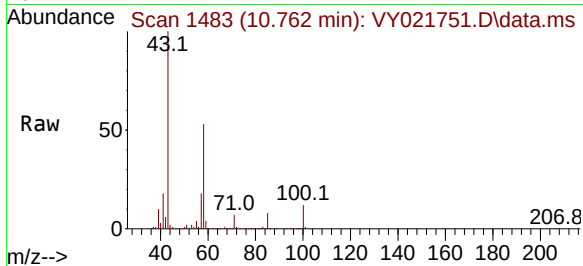
106 27.5 22.4 33.6





#59
2-Hexanone
Concen: 97.509 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

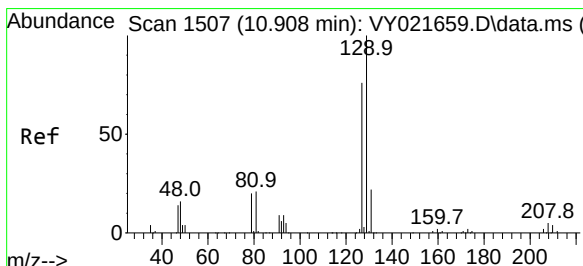
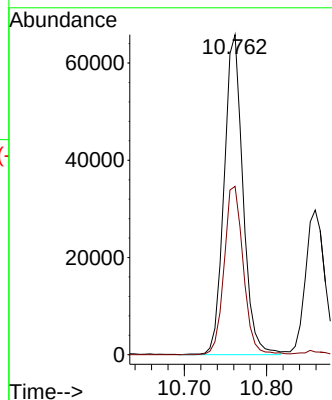
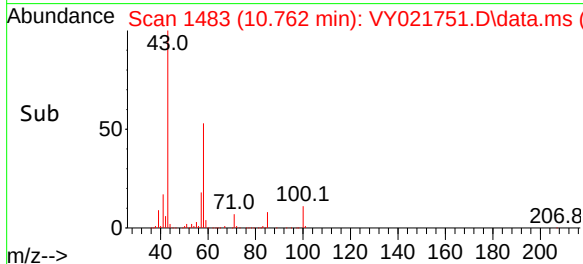
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01



Tgt Ion: 43 Resp: 104790
Ion Ratio Lower Upper
43 100
58 53.5 27.2 81.5

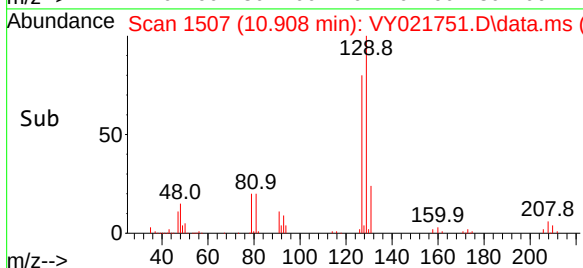
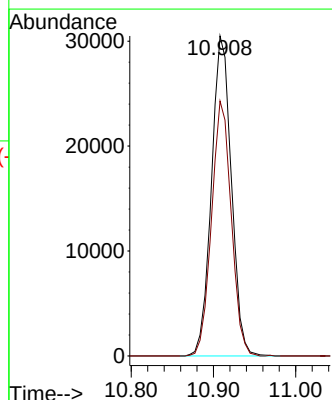
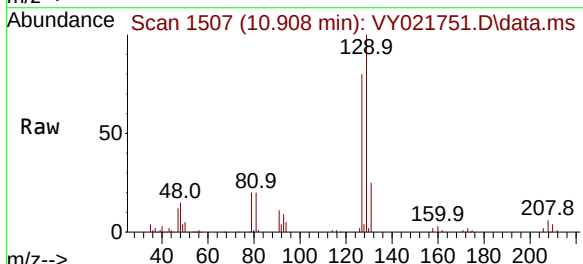
Manual Integrations
APPROVED

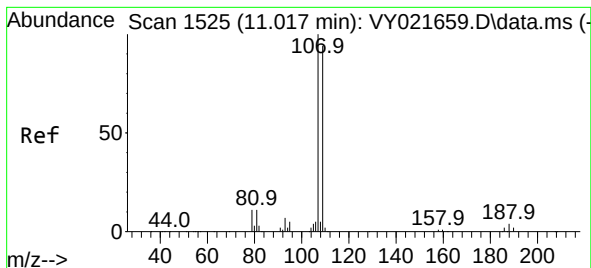
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#60
Dibromochloromethane
Concen: 20.569 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion:129 Resp: 51193
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.7





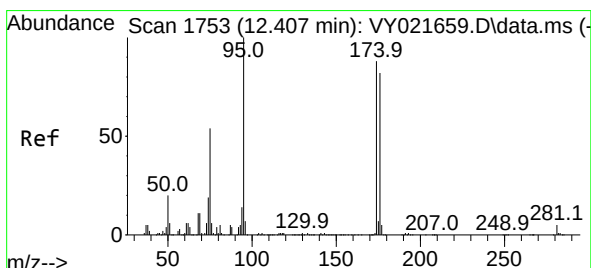
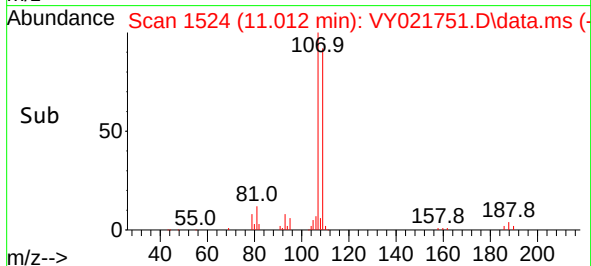
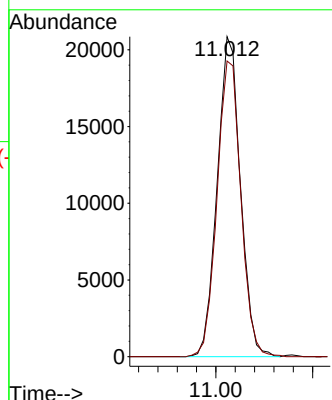
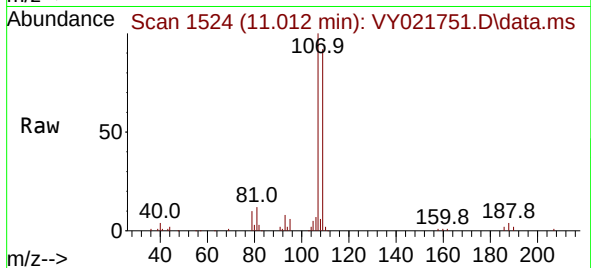
#61
1,2-Dibromoethane
Concen: 20.278 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

Tgt Ion:107 Resp: 34670
Ion Ratio Lower Upper
107 100
109 95.0 74.4 111.6

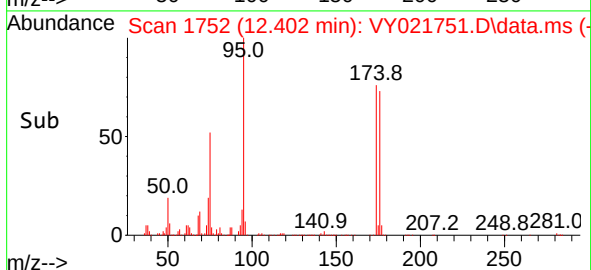
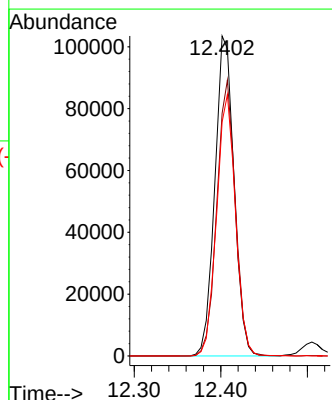
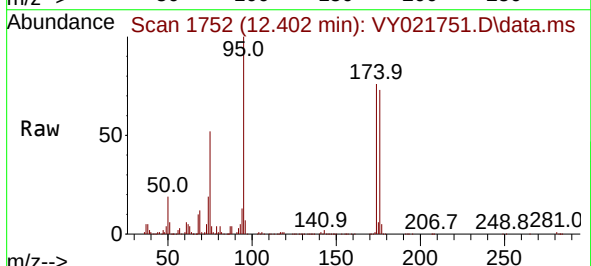
Manual Integrations
APPROVED

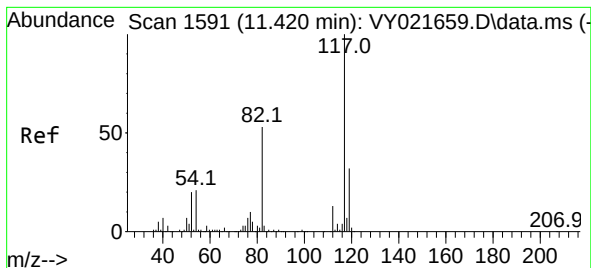
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#62
4-Bromofluorobenzene
Concen: 54.383 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 95 Resp: 159298
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.8
176 80.2 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

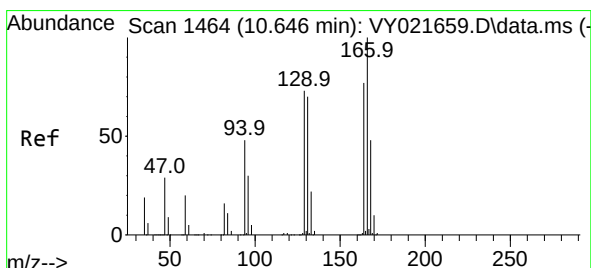
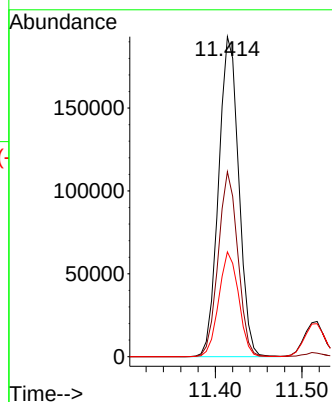
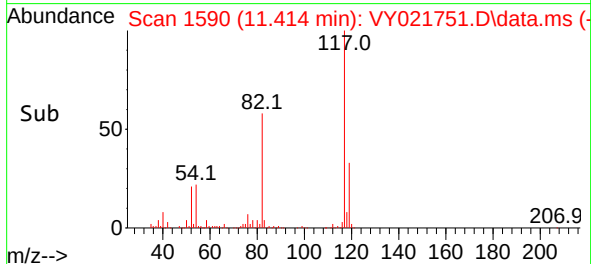
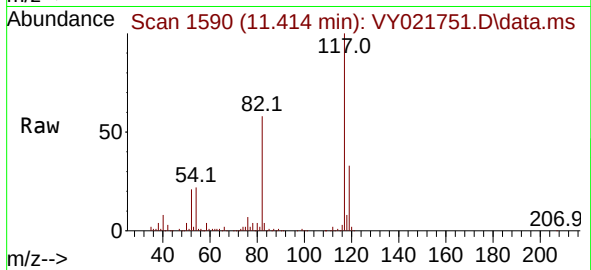
Tgt Ion:117 Resp: 312498

Ion	Ratio	Lower	Upper
117	100		
82	57.8	42.8	64.2
119	32.8	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#64

Tetrachloroethene

Concen: 22.175 ug/l

RT: 10.646 min Scan# 1464

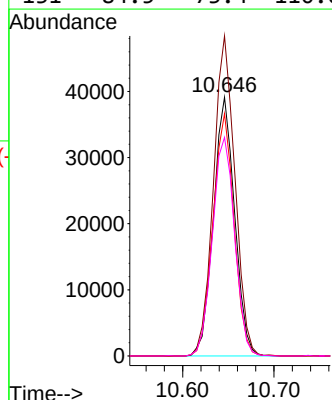
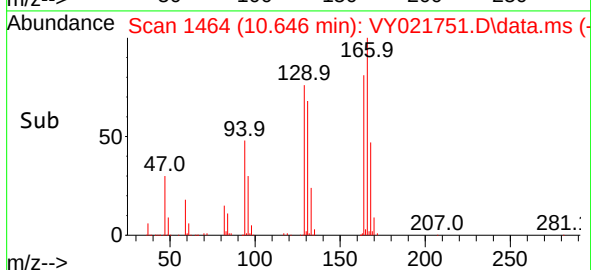
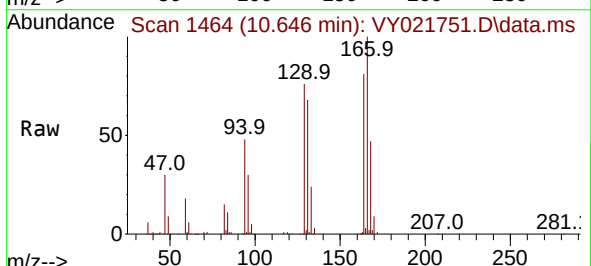
Delta R.T. 0.000 min

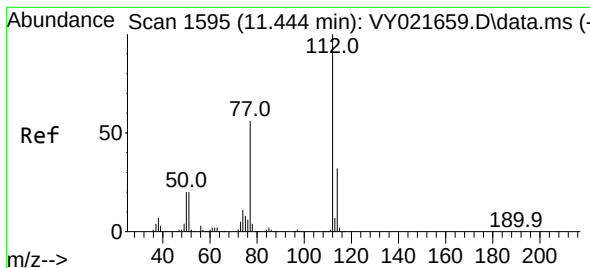
Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Tgt Ion:164 Resp: 63114

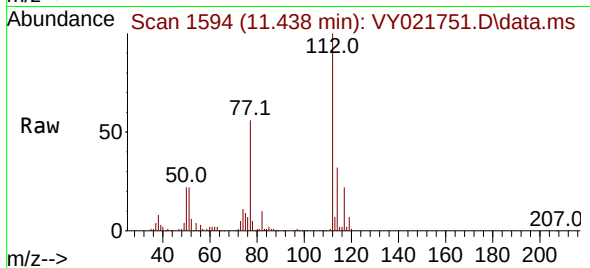
Ion	Ratio	Lower	Upper
164	100		
166	123.7	104.6	156.8
129	93.6	76.6	114.8
131	84.5	73.4	110.0





#65
Chlorobenzene
Concen: 20.472 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

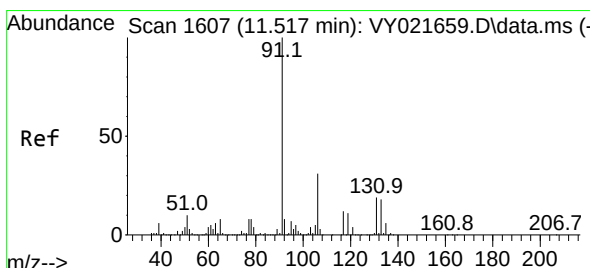
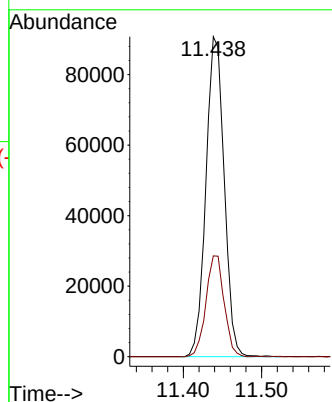
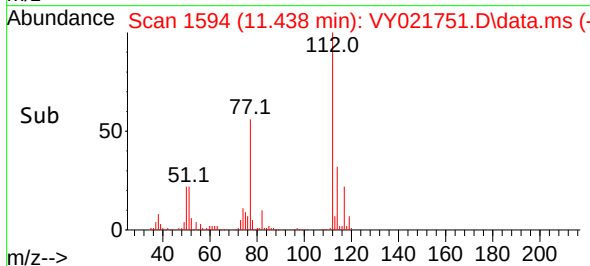
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



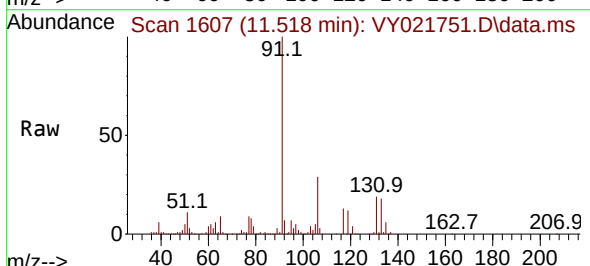
Tgt Ion:112 Resp: 14665
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9

Manual Integrations
APPROVED

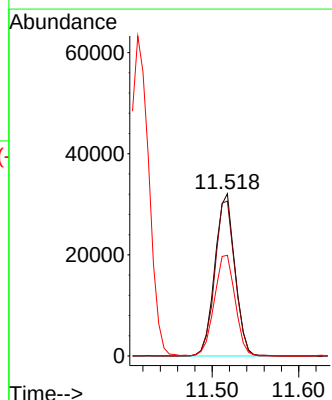
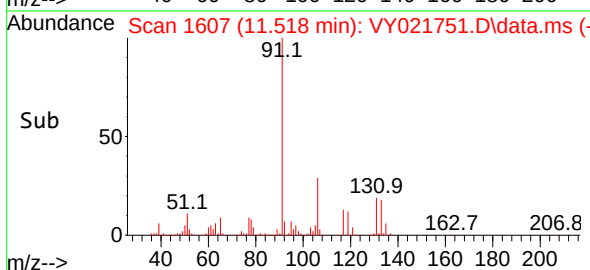
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

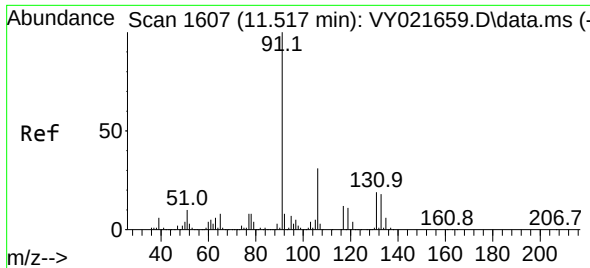


#66
1,1,1,2-Tetrachloroethane
Concen: 20.245 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20



Tgt Ion:131 Resp: 51455
Ion Ratio Lower Upper
131 100
133 96.8 47.3 141.8
119 64.5 31.6 95.0





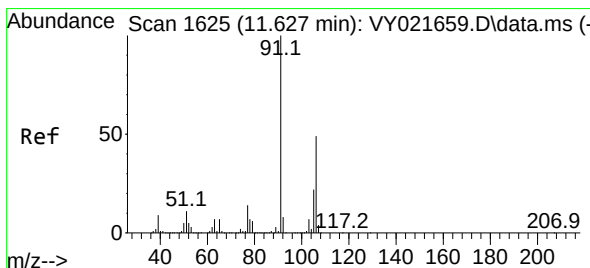
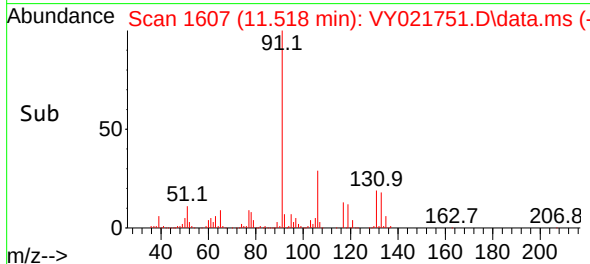
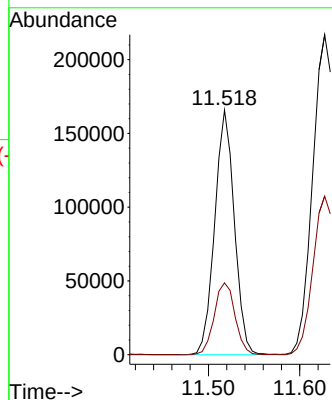
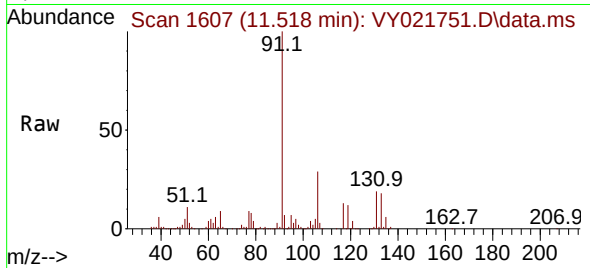
#67
Ethyl Benzene
Concen: 20.123 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

Tgt Ion: 91 Resp: 247192
Ion Ratio Lower Upper
91 100
106 29.4 24.6 36.8

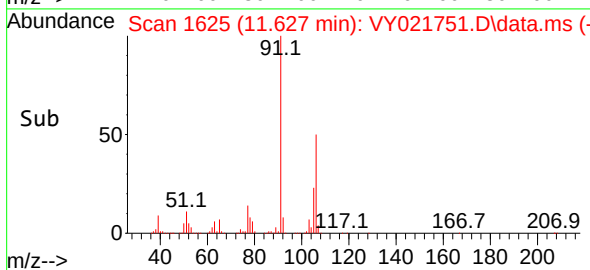
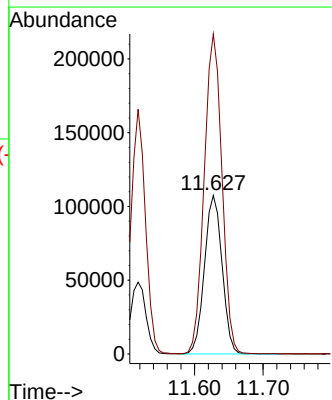
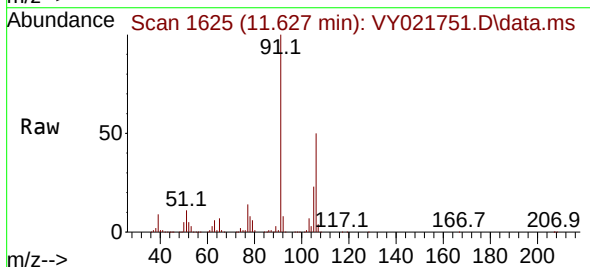
Manual Integrations
APPROVED

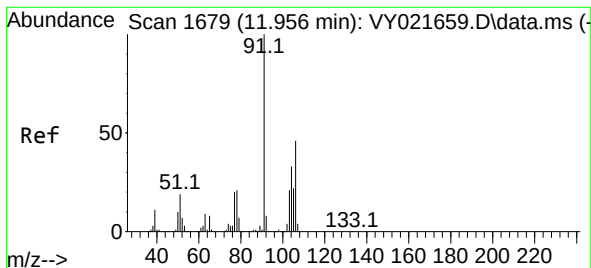
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#68
m/p-Xylenes
Concen: 40.943 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion:106 Resp: 192590
Ion Ratio Lower Upper
106 100
91 202.7 162.4 243.6





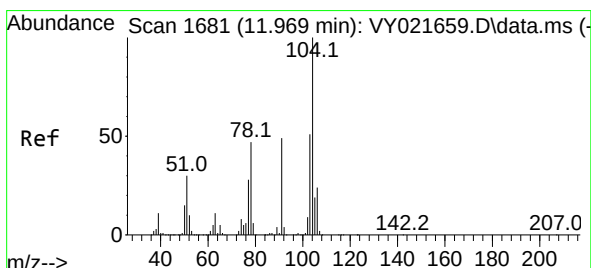
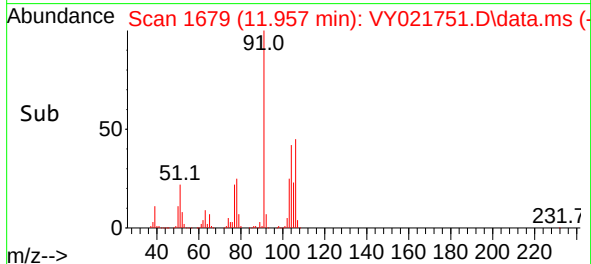
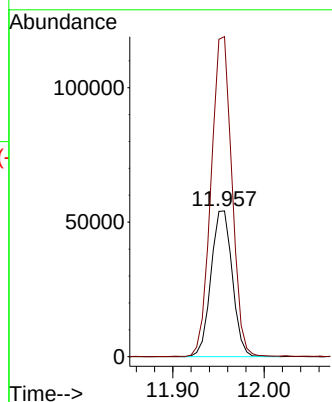
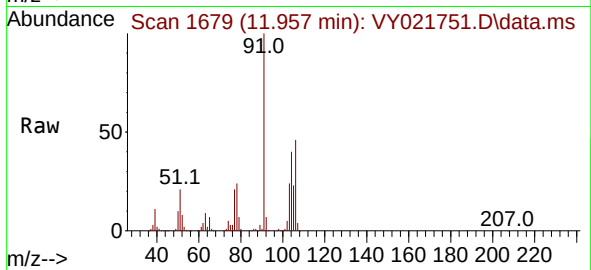
#69
o-Xylene
Concen: 20.238 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

Tgt Ion:106 Resp: 8787
Ion Ratio Lower Upper
106 100
91 214.9 106.7 319.9

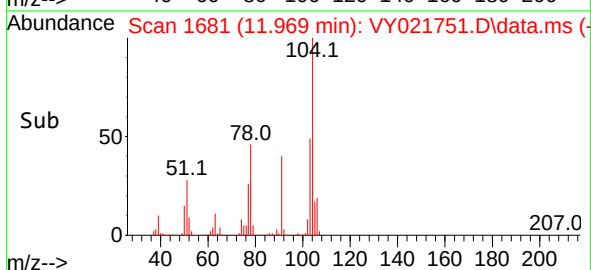
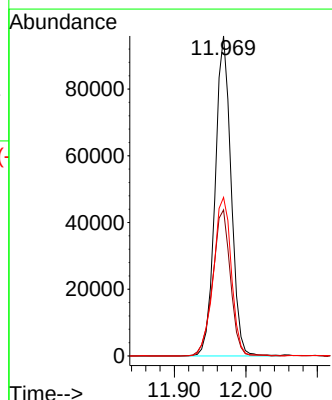
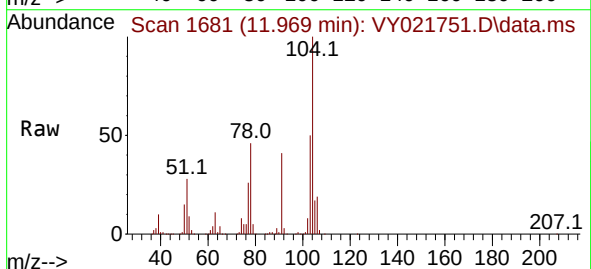
Manual Integrations
APPROVED

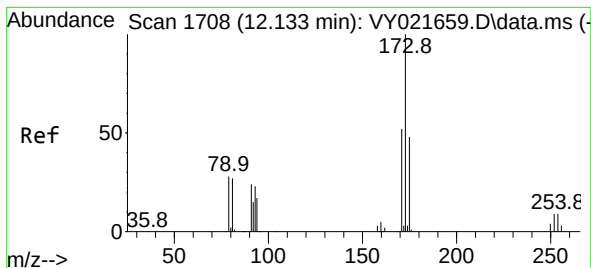
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#70
Styrene
Concen: 20.515 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion:104 Resp: 148515
Ion Ratio Lower Upper
104 100
78 50.7 40.8 61.2
103 55.8 44.2 66.2





#71

Bromoform

Concen: 20.554 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

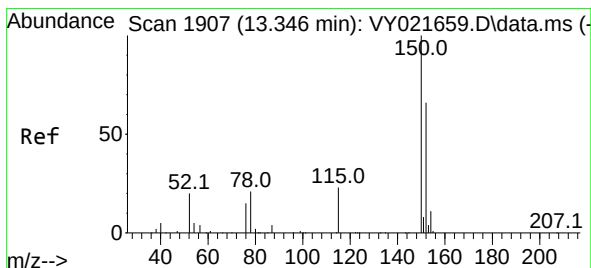
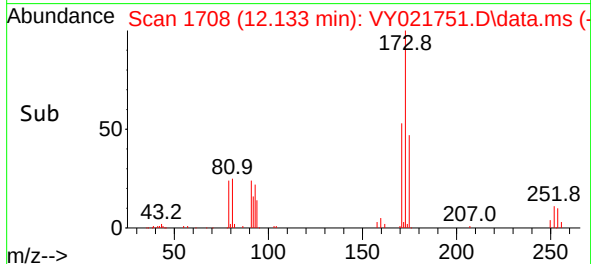
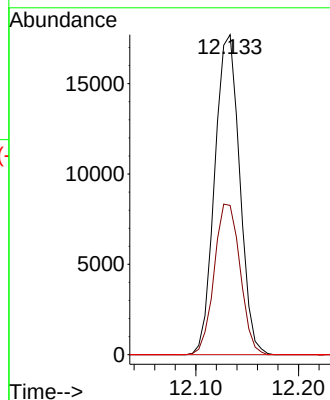
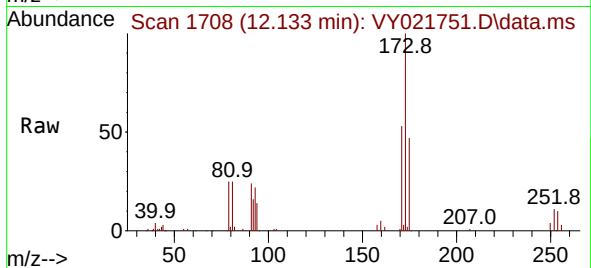
VY0402SBSD01

Tgt Ion:173	Resp:	29798
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.3 73.0
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

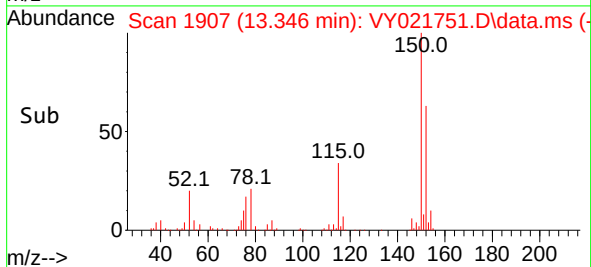
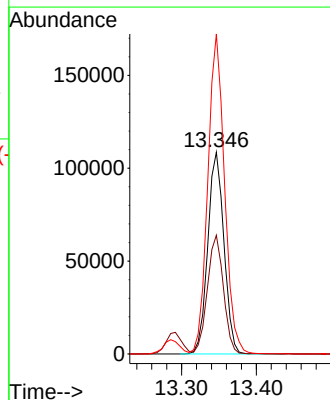
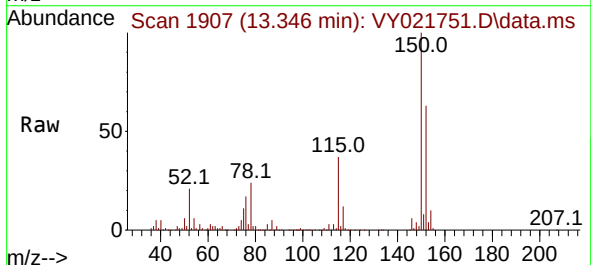
RT: 13.346 min Scan# 1907

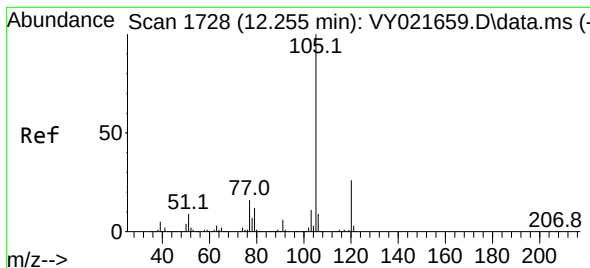
Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Tgt Ion:152	Resp:	163337
Ion Ratio	Lower	Upper
152	100	
115	58.0	28.8 86.5
150	163.5	0.0 348.4





#73

Isopropylbenzene

Concen: 19.119 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

Tgt Ion:105 Resp: 231944

Ion Ratio Lower Upper

105 100

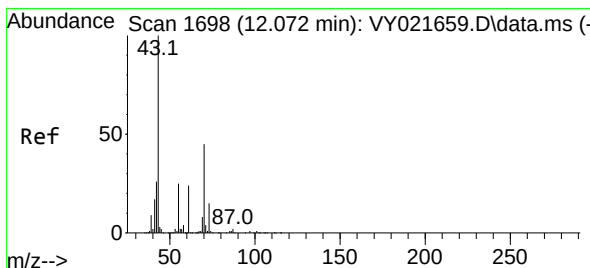
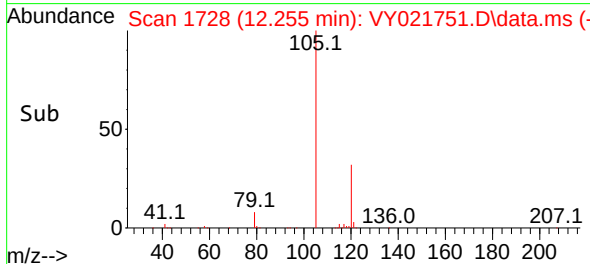
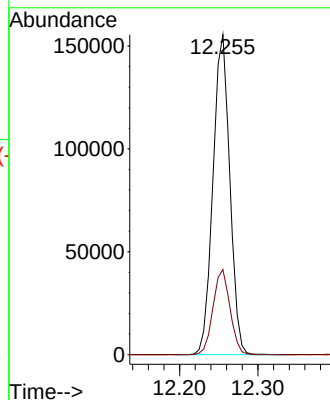
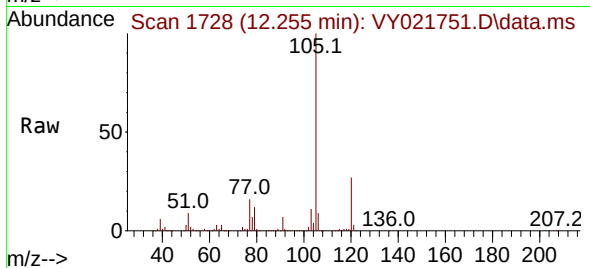
120 26.8 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025

Supervised By :Semsettin Yesilyurt 04/03/2025



#74

N-ethyl acetate

Concen: 18.145 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Tgt Ion: 43 Resp: 51662

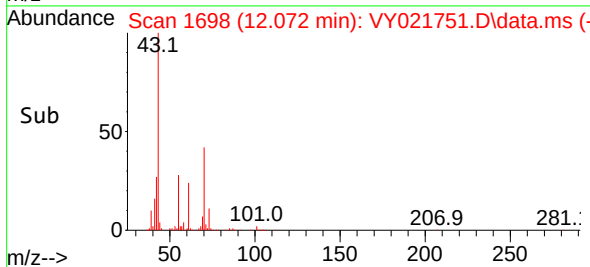
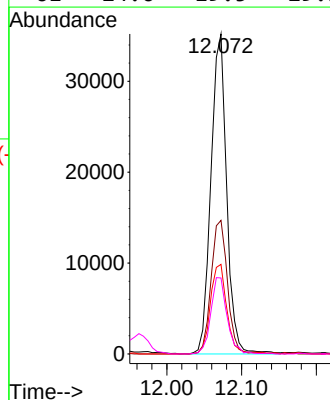
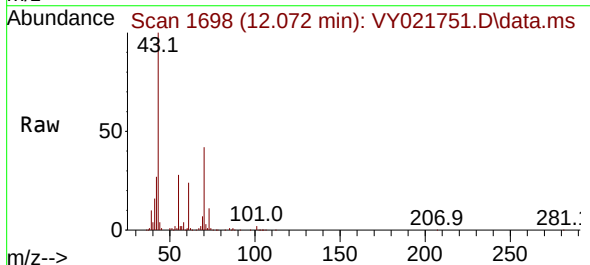
Ion Ratio Lower Upper

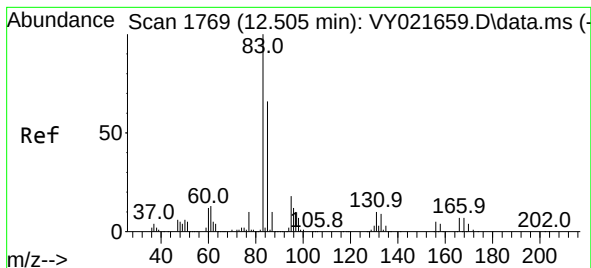
43 100

70 43.5 34.7 52.1

55 29.1 21.2 31.8

61 24.6 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.939 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

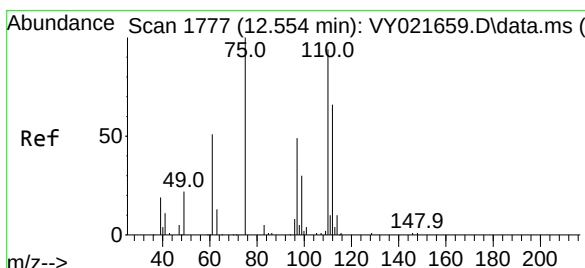
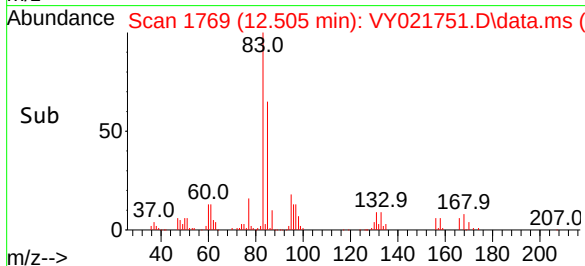
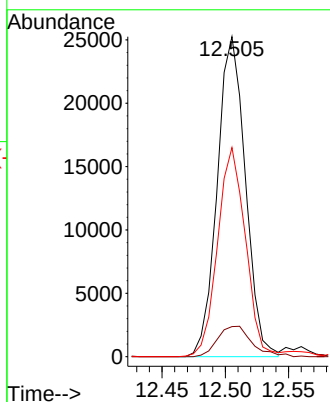
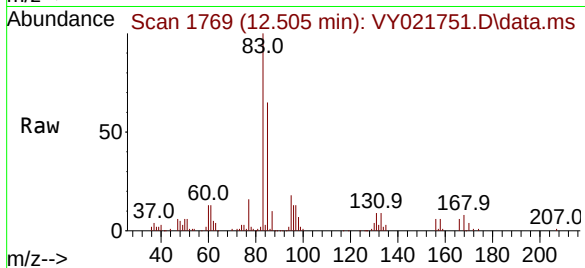
VY0402SBSD01

Tgt Ion:	83	Resp:	3912
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.1	15.3
85	64.4	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#76

1,2,3-Trichloropropane

Concen: 18.604 ug/l m

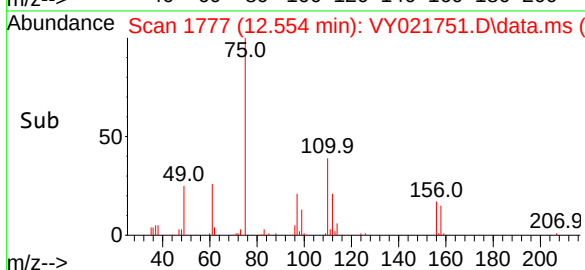
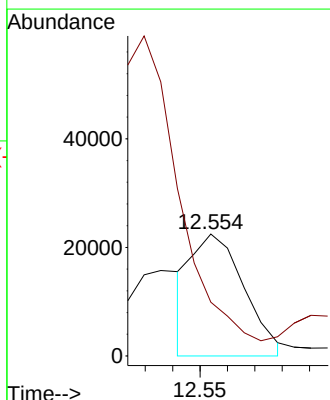
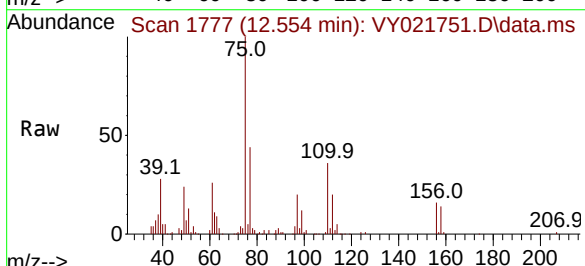
RT: 12.554 min Scan# 1777

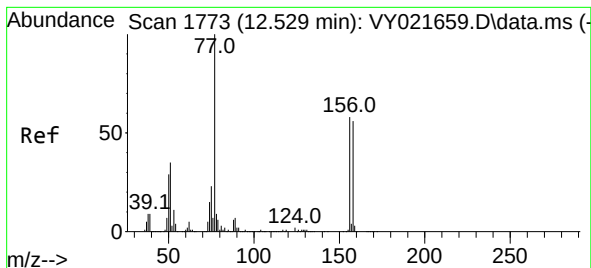
Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Tgt Ion:	75	Resp:	30121
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.627 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

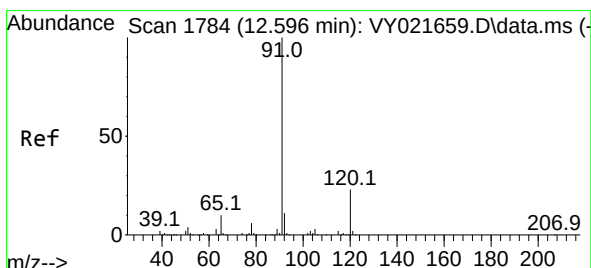
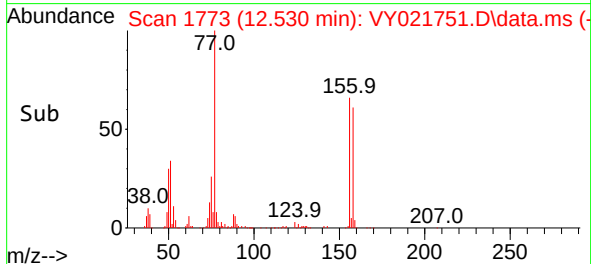
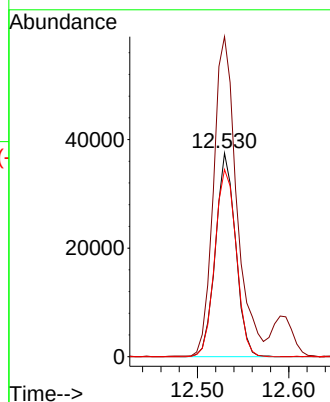
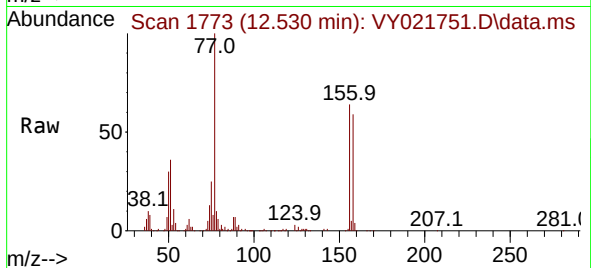
VY0402SBS01

Tgt Ion:156 Resp: 5717
 Ion Ratio Lower Upper
 156 100
 77 182.0 92.8 278.3
 158 98.0 48.5 145.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
 Supervised By :Semsettin Yesilyurt 04/03/2025



#78

n-propylbenzene

Concen: 19.676 ug/l

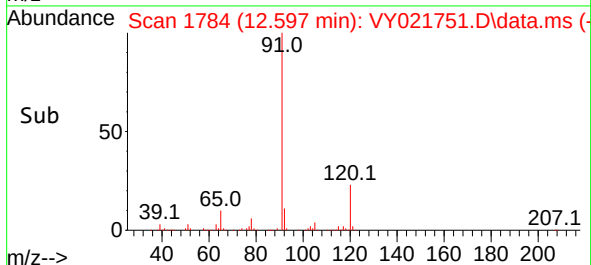
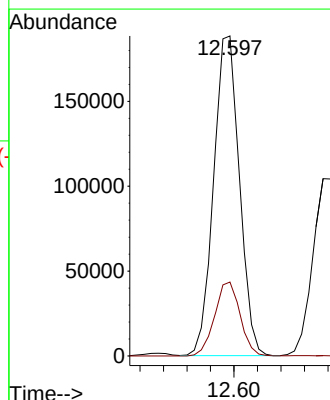
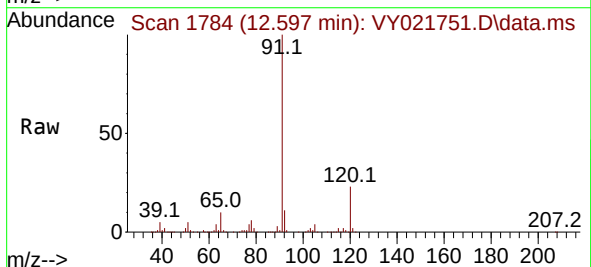
RT: 12.597 min Scan# 1784

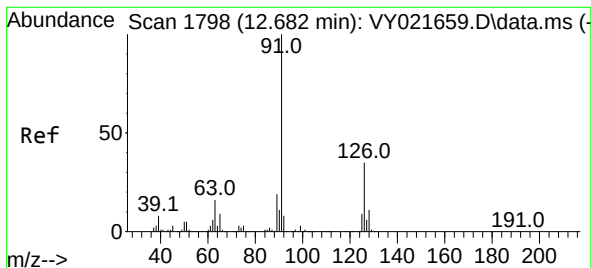
Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

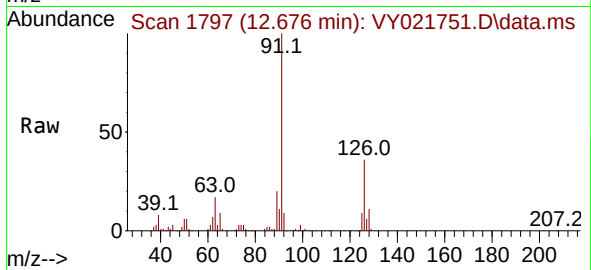
Tgt Ion: 91 Resp: 286971
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.3 33.9





#79
2-Chlorotoluene
Concen: 19.567 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

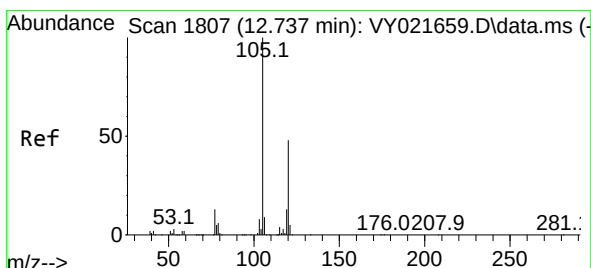
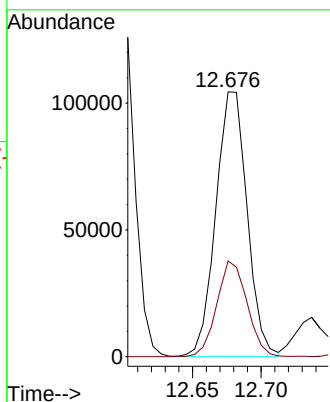
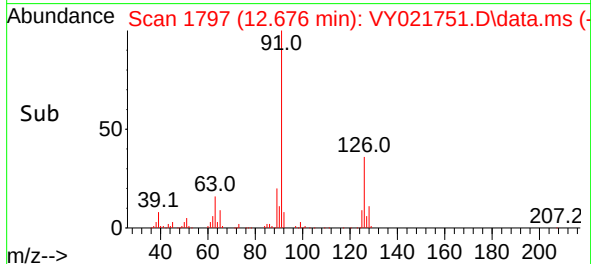
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



Tgt Ion: 91 Resp: 16576
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0

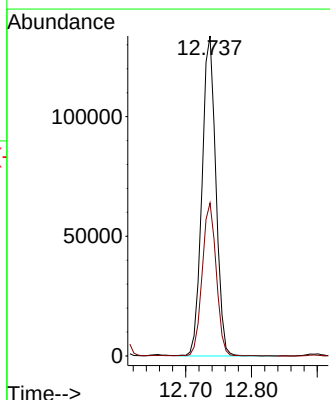
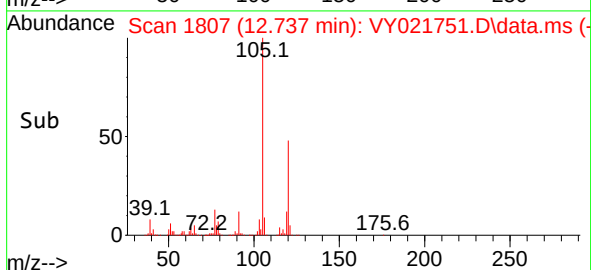
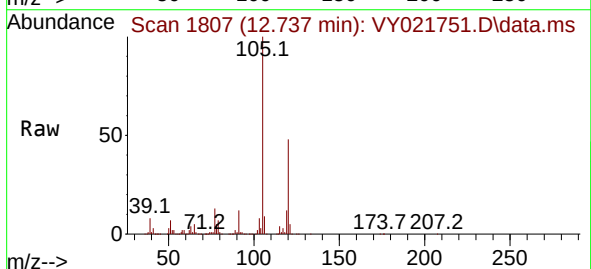
Manual Integrations
APPROVED

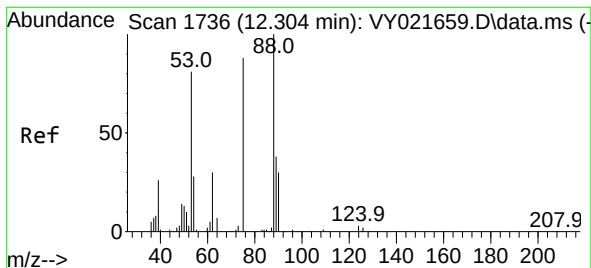
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.794 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

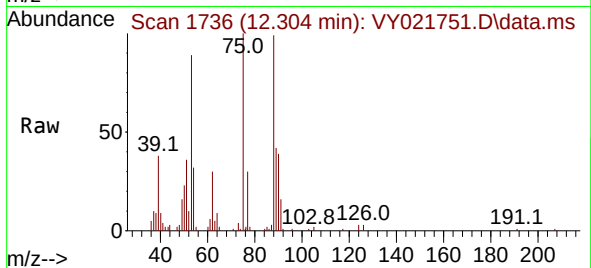
Tgt Ion:105 Resp: 196264
Ion Ratio Lower Upper
105 100
120 48.1 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.076 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

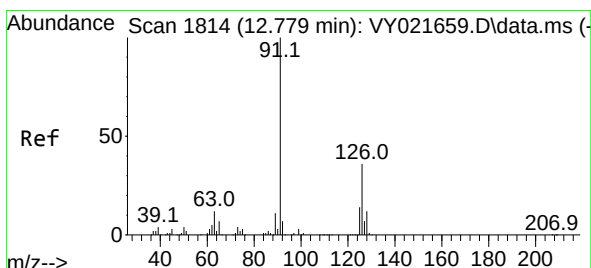
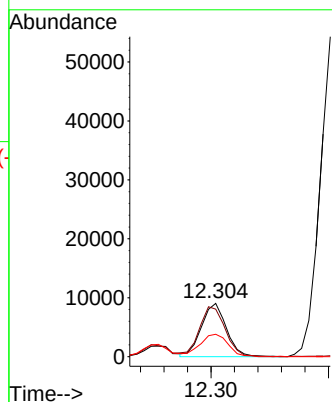
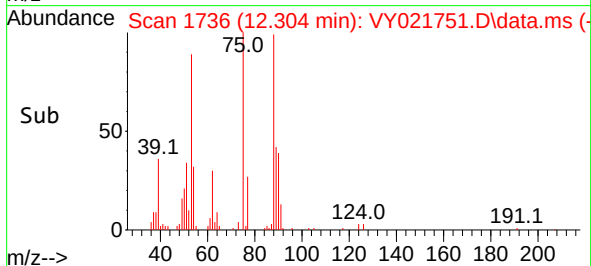
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01



Tgt Ion: 75 Resp: 13404
Ion Ratio Lower Upper
75 100
53 96.7 76.1 114.1
89 47.2 36.2 54.4

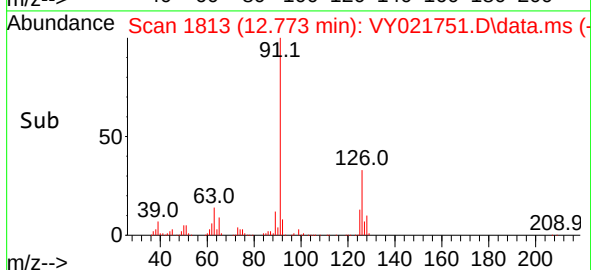
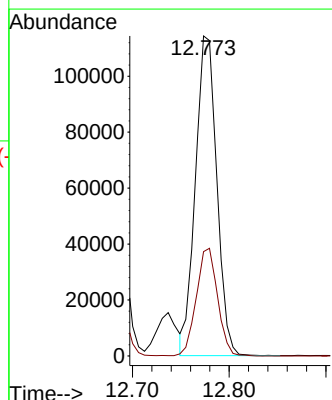
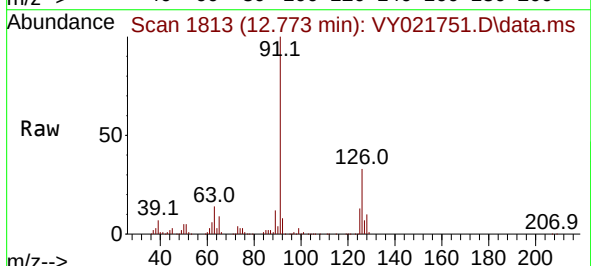
Manual Integrations
APPROVED

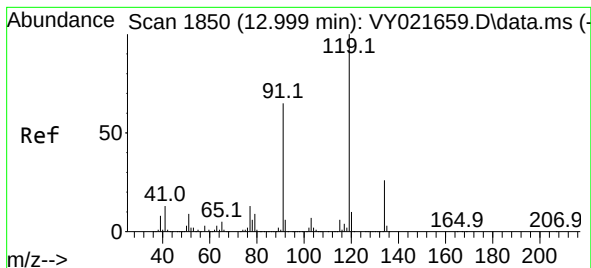
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#82
4-Chlorotoluene
Concen: 19.892 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 91 Resp: 175679
Ion Ratio Lower Upper
91 100
126 33.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.412 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

Tgt Ion:119 Resp: 17143

Ion Ratio Lower Upper

119 100

91 64.1 32.6 97.7

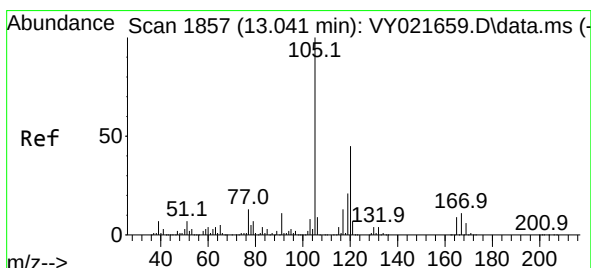
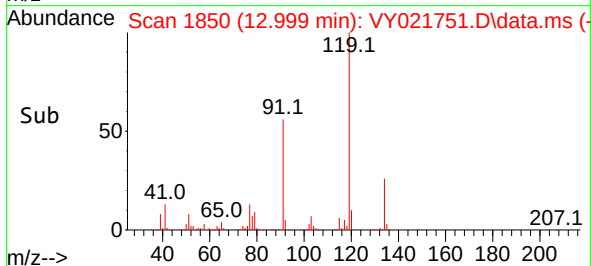
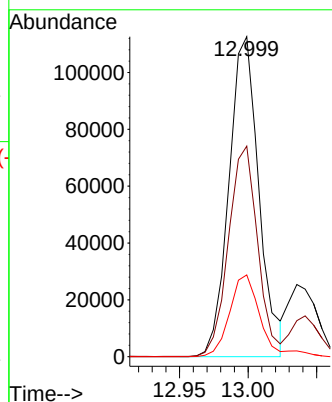
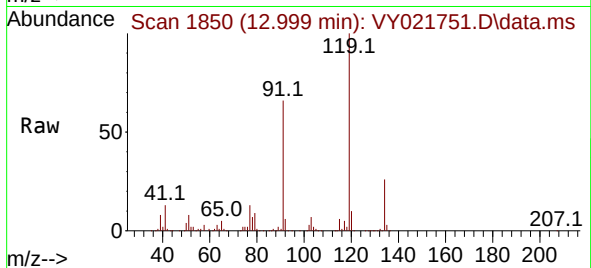
134 26.3 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025

Supervised By :Semsettin Yesilyurt 04/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.968 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021751.D

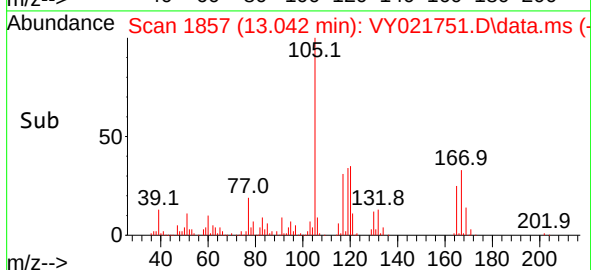
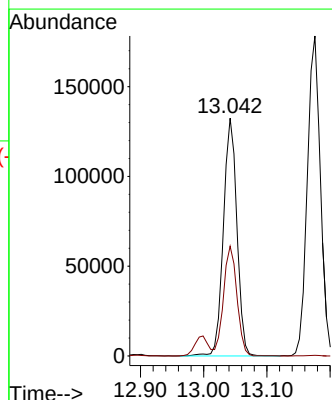
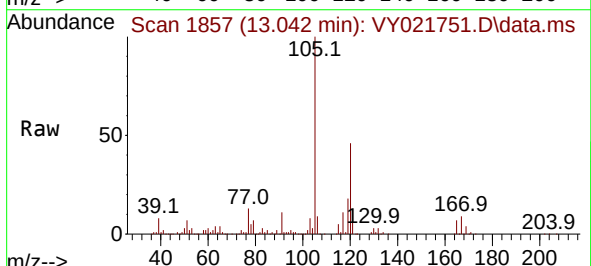
Acq: 02 Apr 2025 11:20

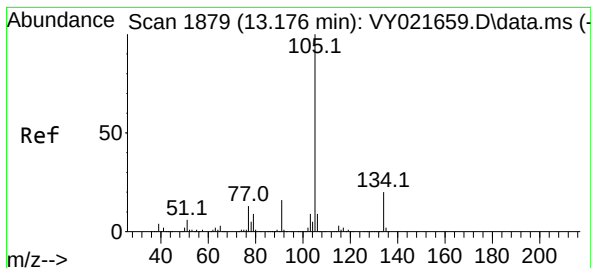
Tgt Ion:105 Resp: 195682

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.742 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

Tgt Ion:105 Resp: 254798

Ion Ratio Lower Upper

105 100

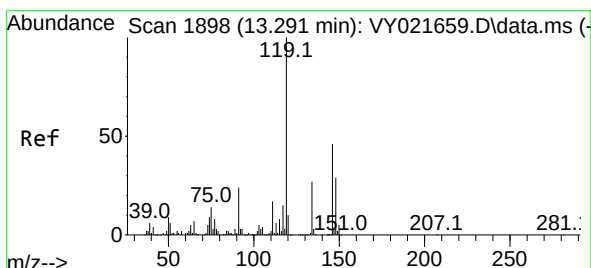
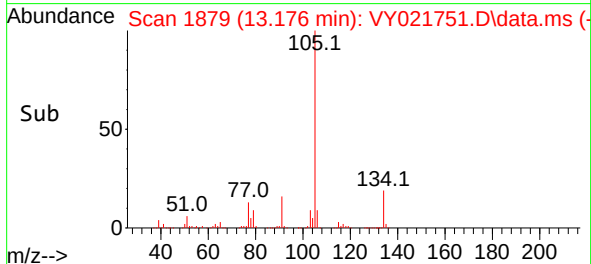
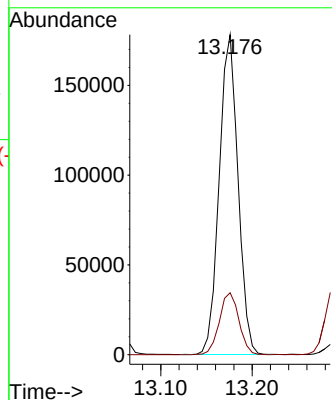
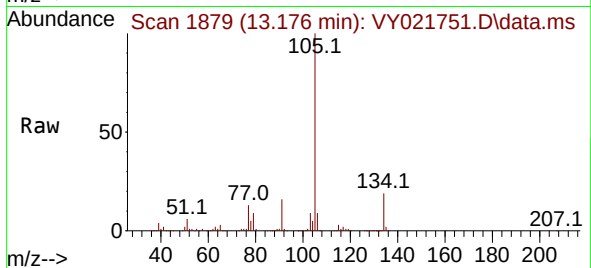
134 20.2 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025

Supervised By :Semsettin Yesilyurt 04/03/2025



#86

p-Isopropyltoluene

Concen: 19.906 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

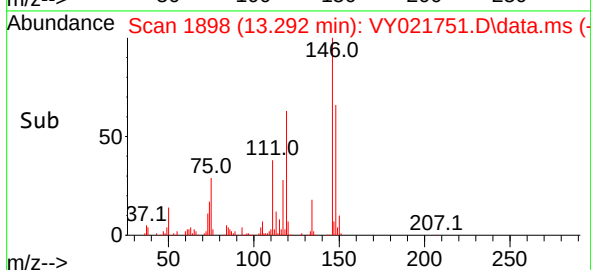
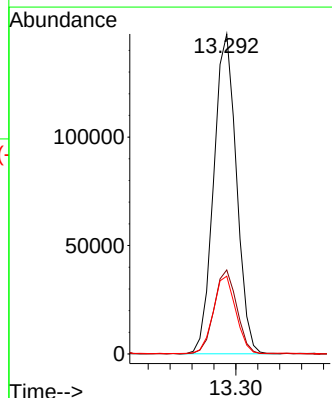
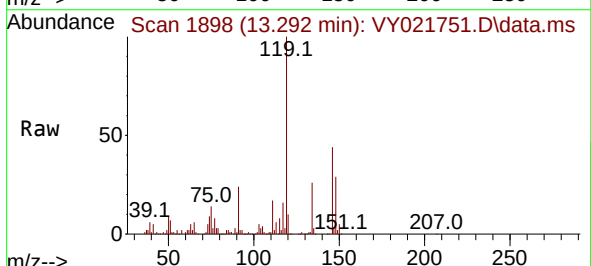
Tgt Ion:119 Resp: 212339

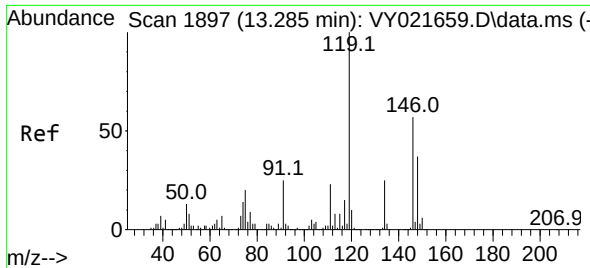
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

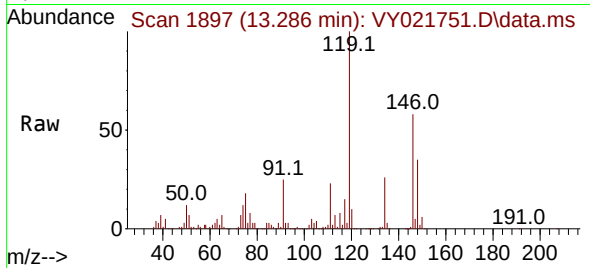
91 24.0 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 19.977 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

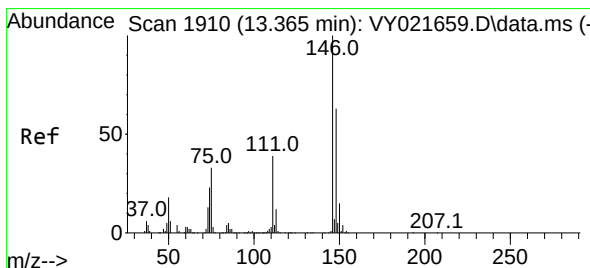
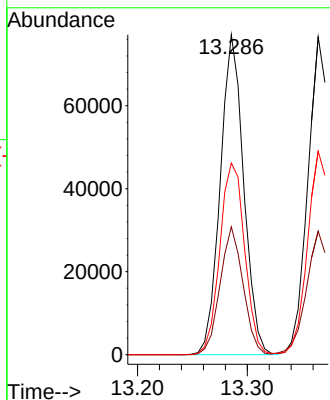
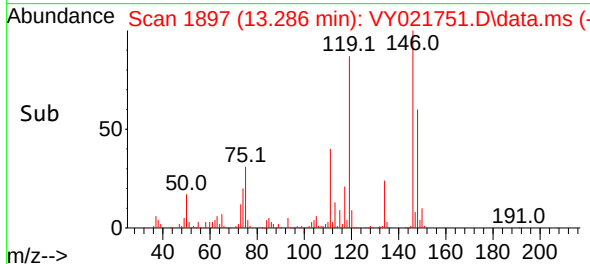
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



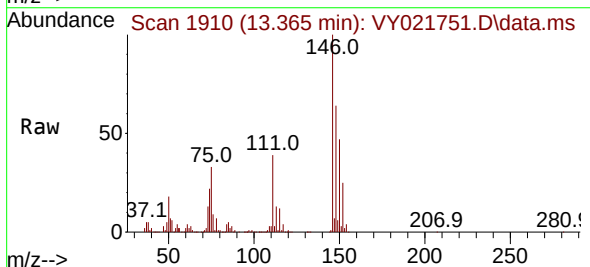
Tgt Ion:146 Resp: 114640
Ion Ratio Lower Upper
146 100
111 39.2 20.0 60.0
148 63.3 31.8 95.4

Manual Integrations
APPROVED

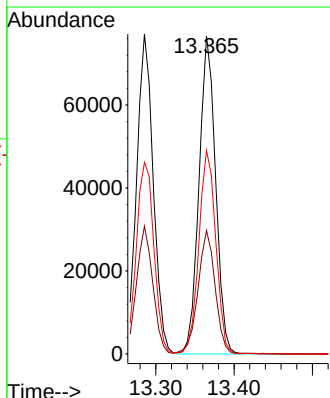
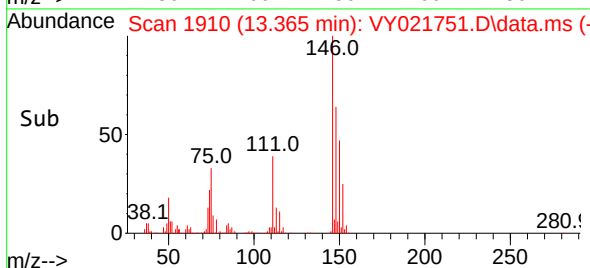
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

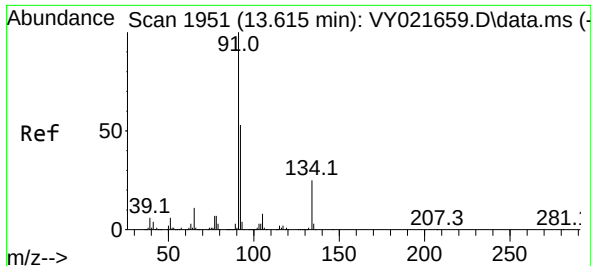


#88
1,4-Dichlorobenzene
Concen: 19.877 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20



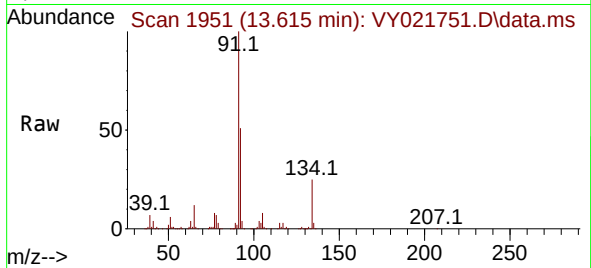
Tgt Ion:146 Resp: 112703
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.1
148 65.7 31.5 94.5





#89
n-Butylbenzene
Concen: 19.592 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

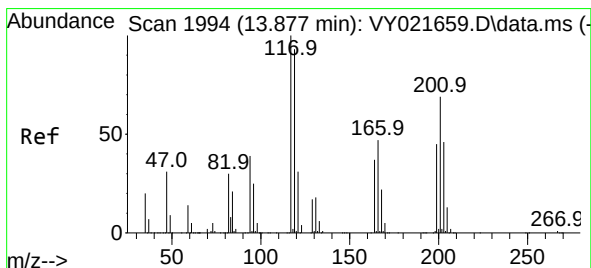
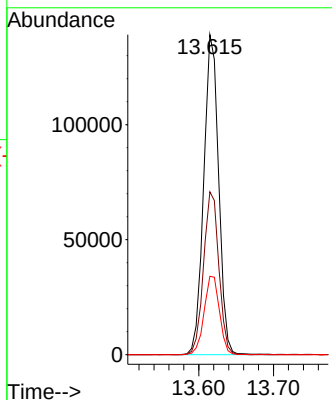
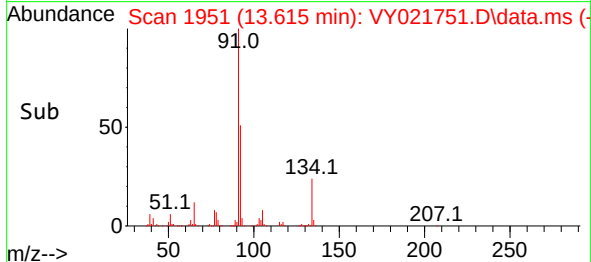
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



Tgt Ion: 91 Resp: 193278
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.2
134 25.2 12.8 38.4

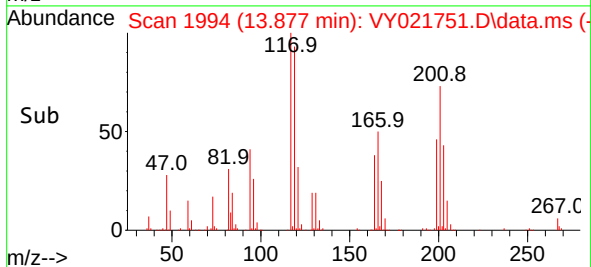
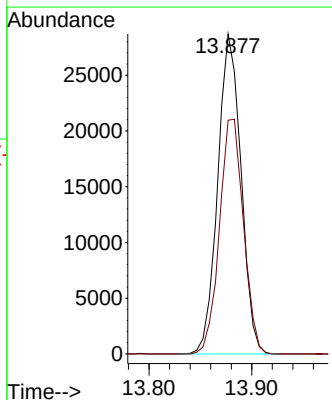
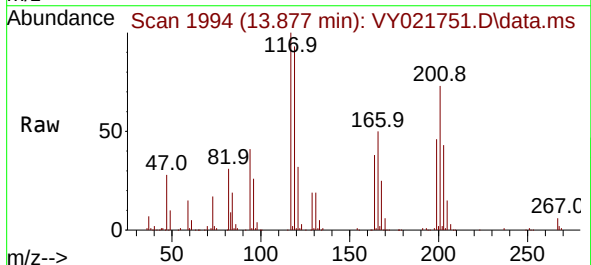
Manual Integrations
APPROVED

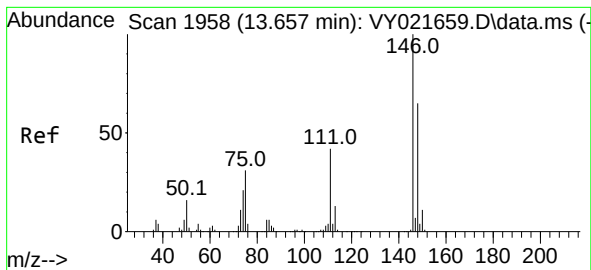
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#90
Hexachloroethane
Concen: 19.275 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion:117 Resp: 45056
Ion Ratio Lower Upper
117 100
201 75.8 37.4 112.1





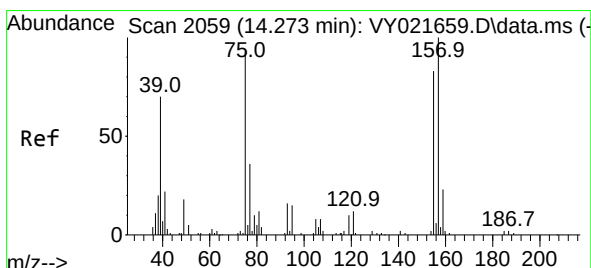
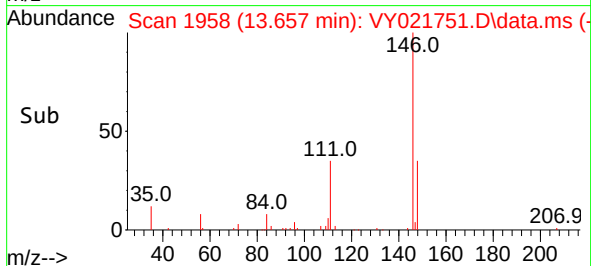
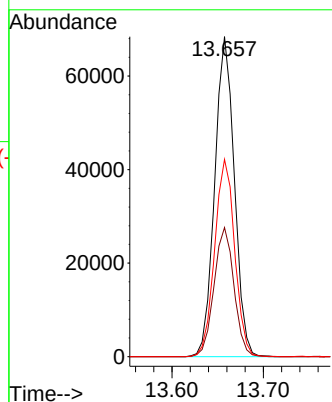
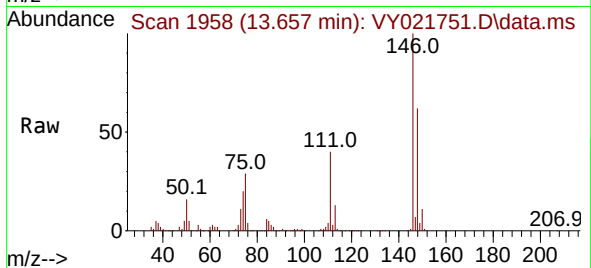
#91
1,2-Dichlorobenzene
Concen: 20.463 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

Tgt Ion:146 Resp: 102220
Ion Ratio Lower Upper
146 100
111 41.0 20.7 62.1
148 63.0 32.3 96.9

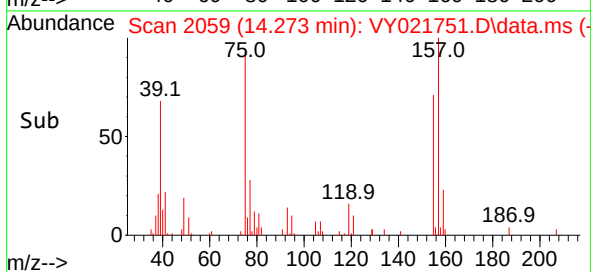
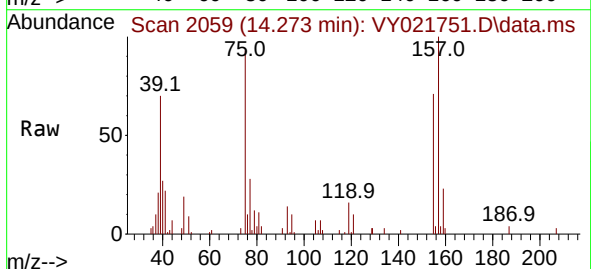
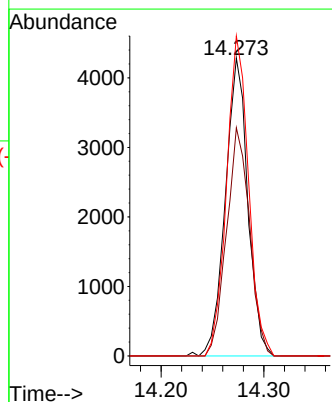
Manual Integrations
APPROVED

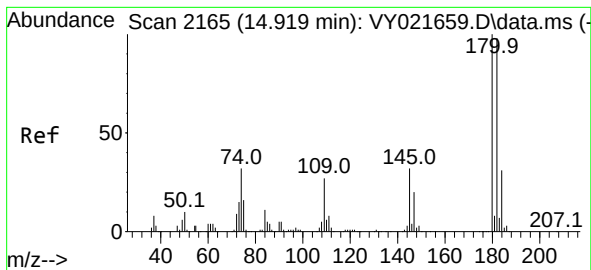
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.204 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

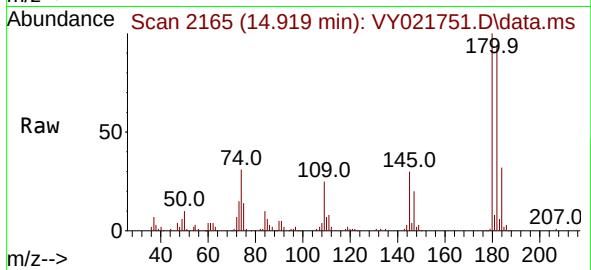
Tgt Ion: 75 Resp: 6492
Ion Ratio Lower Upper
75 100
155 78.5 43.0 128.8
157 105.1 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 20.721 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

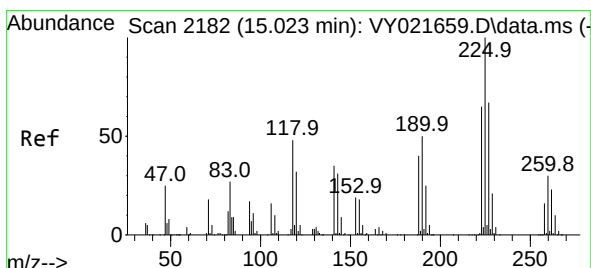
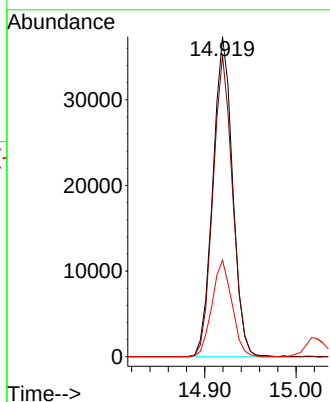
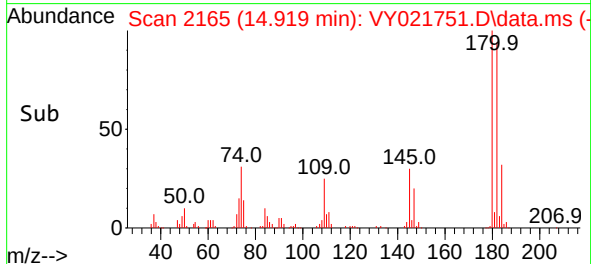
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01



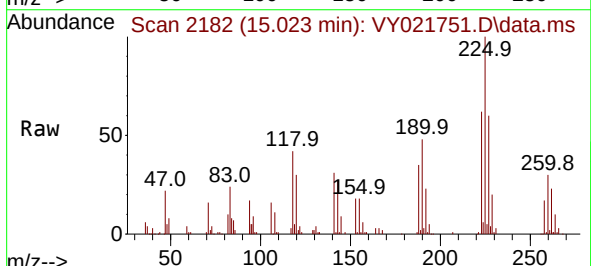
Tgt Ion:180 Resp: 5613
Ion Ratio Lower Upper
180 100
182 93.3 47.5 142.6
145 30.4 14.9 44.9

Manual Integrations
APPROVED

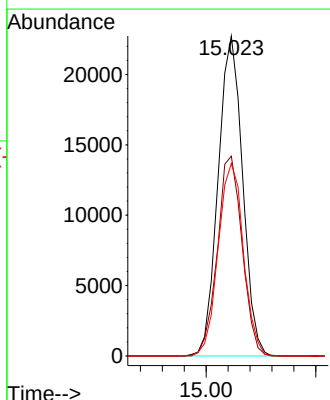
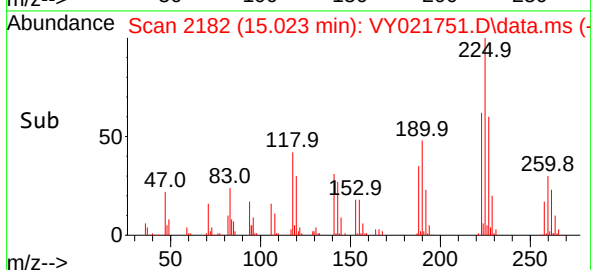
Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

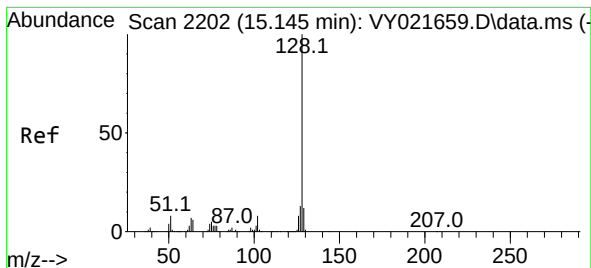


#94
Hexachlorobutadiene
Concen: 20.837 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20



Tgt Ion:225 Resp: 35255
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.7
227 61.9 32.4 97.0





#95

Naphthalene

Concen: 19.161 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

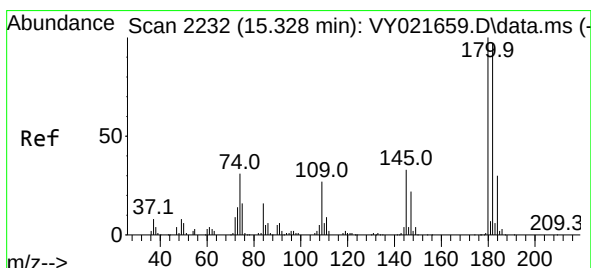
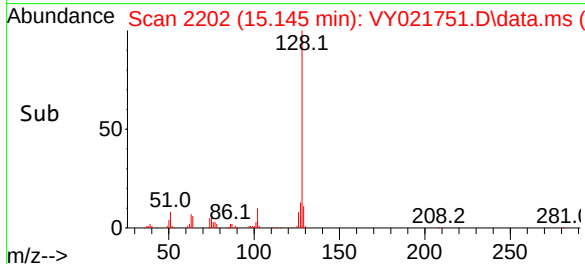
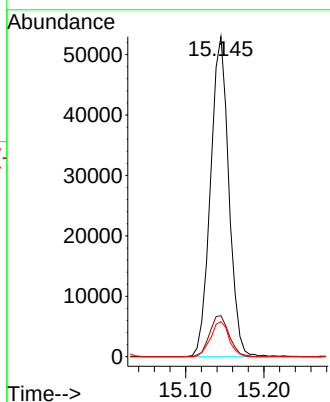
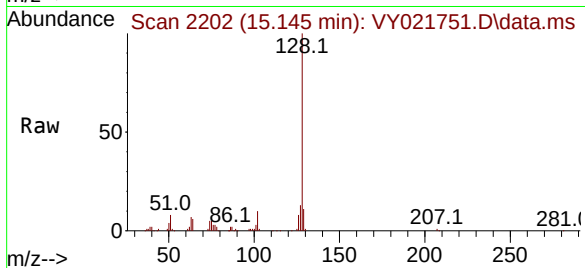
VY0402SBS01

Tgt Ion:128	Resp:	8604
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.8 16.2
129	11.1	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.844 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Tgt Ion:180	Resp:	48153
Ion Ratio	Lower	Upper
180	100	
182	93.1	47.5 142.5
145	31.1	15.9 47.7

