

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020844.D
 Acq On : 17 Jan 2025 10:35
 Operator : SY/MD
 Sample : VY0117SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Quant Time: Jan 17 23:21:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	227324	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	330319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	273627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	137408	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	93938	48.618	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.240%
35) Dibromofluoromethane	7.652	113	102673	49.614	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.121	98	391830	54.315	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.640%
62) 4-Bromofluorobenzene	12.414	95	130972	49.163	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	28950	17.353	ug/l	94
3) Chloromethane	2.080	50	17421	19.832	ug/l	97
4) Vinyl Chloride	2.214	62	19959	20.439	ug/l	92
5) Bromomethane	2.610	94	13037	18.744	ug/l	94
6) Chloroethane	2.751	64	12926	21.463	ug/l	93
7) Trichlorofluoromethane	3.080	101	55524	18.526	ug/l	100
8) Diethyl Ether	3.470	74	17458	18.627	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.836	101	40617	20.068	ug/l	98
10) Methyl Iodide	4.025	142	38965	17.965	ug/l	96
11) Tert butyl alcohol	4.872	59	14812	101.452	ug/l #	73
12) 1,1-Dichloroethene	3.811	96	33213	18.735	ug/l	99
13) Acrolein	3.671	56	5140	125.362	ug/l	97
14) Allyl chloride	4.403	41	49242	19.254	ug/l	94
15) Acrylonitrile	5.080	53	37549	94.267	ug/l	99
16) Acetone	3.885	43	25297	92.069	ug/l	98
17) Carbon Disulfide	4.128	76	65759	17.099	ug/l	97
18) Methyl Acetate	4.409	43	17710	19.090	ug/l	97
19) Methyl tert-butyl Ether	5.141	73	90344	18.058	ug/l	97
20) Methylene Chloride	4.641	84	35005	18.448	ug/l	96
21) trans-1,2-Dichloroethene	5.147	96	36335	18.612	ug/l	94
22) Diisopropyl ether	6.037	45	110624	20.305	ug/l	94
23) Vinyl Acetate	5.982	43	285483	95.036	ug/l	98
24) 1,1-Dichloroethane	5.939	63	68965	19.186	ug/l	97
25) 2-Butanone	6.915	43	42063	93.196	ug/l	98
26) 2,2-Dichloropropane	6.902	77	69098	18.515	ug/l	99
27) cis-1,2-Dichloroethene	6.908	96	46199	18.757	ug/l	99
28) Bromochloromethane	7.268	49	15767	16.256	ug/l	95
29) Tetrahydrofuran	7.280	42	26884	93.245	ug/l	97
30) Chloroform	7.439	83	75973	18.534	ug/l	98
31) Cyclohexane	7.719	56	54719	19.462	ug/l	94
32) 1,1,1-Trichloroethane	7.634	97	73446	18.369	ug/l	99
36) 1,1-Dichloropropene	7.853	75	50690	19.204	ug/l	100
37) Ethyl Acetate	7.006	43	20249	19.277	ug/l	99
38) Carbon Tetrachloride	7.835	117	67965	18.498	ug/l	98
39) Methylcyclohexane	9.121	83	62336	19.245	ug/l	95
40) Benzene	8.097	78	155940	19.249	ug/l	98

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 Supervised By :Semsettin Yesilyurt 01/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	11805	19.624	ug/l	97
42) 1,2-Dichloroethane	8.170	62	40313	18.222	ug/l	99
43) Isopropyl Acetate	8.213	43	39670	18.568	ug/l	99
44) Trichloroethene	8.878	130	43278	19.164	ug/l	96
45) 1,2-Dichloropropane	9.152	63	37076	20.188	ug/l	99
46) Dibromomethane	9.250	93	19629	18.613	ug/l	99
47) Bromodichloromethane	9.439	83	57436	19.016	ug/l	100
48) Methyl methacrylate	9.237	41	17561	18.334	ug/l	98
49) 1,4-Dioxane	9.243	88	3563	318.207	ug/l	89
51) 4-Methyl-2-Pentanone	10.012	43	102398	95.936	ug/l	100
52) Toluene	10.182	92	103261	19.249	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	49815	18.544	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	59160	18.963	ug/l	97
55) 1,1,2-Trichloroethane	10.585	97	29329	19.466	ug/l	97
56) Ethyl methacrylate	10.451	69	34901	18.342	ug/l	98
57) 1,3-Dichloropropane	10.731	76	48103	19.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	64662	85.663	ug/l	96
59) 2-Hexanone	10.774	43	64650	94.413	ug/l	97
60) Dibromochloromethane	10.920	129	41847	19.151	ug/l	100
61) 1,2-Dibromoethane	11.024	107	25367	18.754	ug/l	97
64) Tetrachloroethene	10.658	164	38077	18.927	ug/l	95
65) Chlorobenzene	11.450	112	116816	19.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	44260	19.217	ug/l	99
67) Ethyl Benzene	11.530	91	201638	19.251	ug/l	99
68) m/p-Xylenes	11.639	106	153750	38.125	ug/l	99
69) o-Xylene	11.962	106	73259	19.159	ug/l	96
70) Styrene	11.981	104	122887	19.092	ug/l	99
71) Bromoform	12.145	173	24669	18.842	ug/l #	99
73) Isopropylbenzene	12.267	105	204987	18.805	ug/l	100
74) N-amyl acetate	12.078	43	33502	18.789	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.517	83	31157	18.858	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	21639m	17.998	ug/l	
77) Bromobenzene	12.542	156	46507	18.505	ug/l	98
78) n-propylbenzene	12.603	91	239000	19.316	ug/l	99
79) 2-Chlorotoluene	12.688	91	135678	19.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	168012	19.018	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	10444	18.316	ug/l	98
82) 4-Chlorotoluene	12.785	91	140049	19.046	ug/l	99
83) tert-Butylbenzene	13.011	119	160711	19.450	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	162502	18.837	ug/l	99
85) sec-Butylbenzene	13.188	105	224021	19.411	ug/l	100
86) p-Isopropyltoluene	13.304	119	188068	19.102	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	92213	18.883	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	91292	18.992	ug/l	99
89) n-Butylbenzene	13.627	91	164972	19.315	ug/l	99
90) Hexachloroethane	13.889	117	36617	18.522	ug/l	97
91) 1,2-Dichlorobenzene	13.669	146	80428	18.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4275	16.003	ug/l	94
93) 1,2,4-Trichlorobenzene	14.931	180	45039	18.329	ug/l	98
94) Hexachlorobutadiene	15.035	225	32702	18.878	ug/l	99
95) Naphthalene	15.157	128	72114	17.831	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	38564	18.732	ug/l	98

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ClientSampleId :
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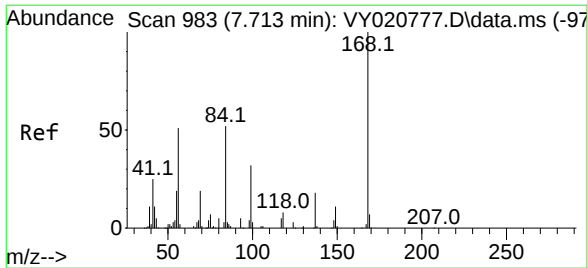
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

Quant Time: Jan 17 23:21:15 2025
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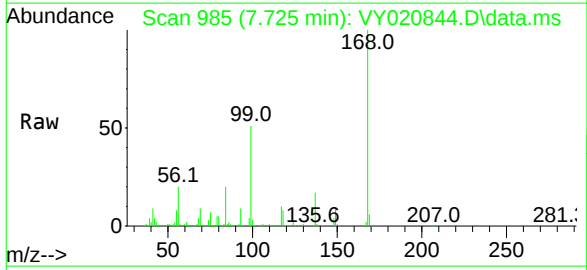
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 98
Delta R.T. 0.012 min
Lab File: VY020844.D
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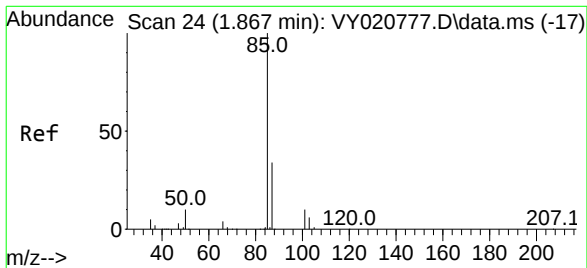
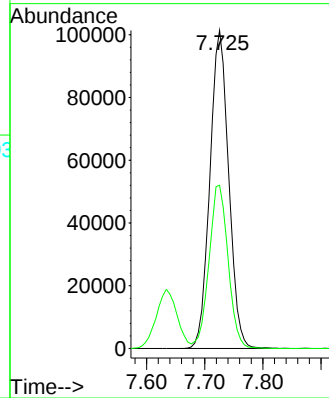
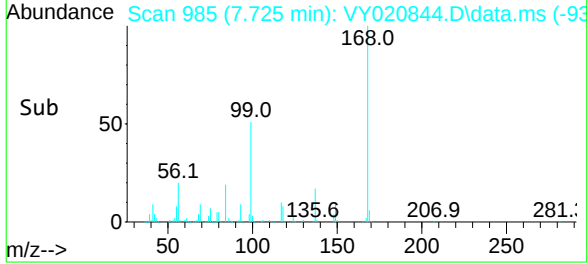
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion:168 Resp: 227324
Ion Ratio Lower Upper
168 100
99 51.3 44.3 66.5

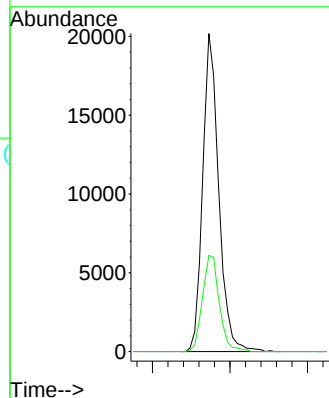
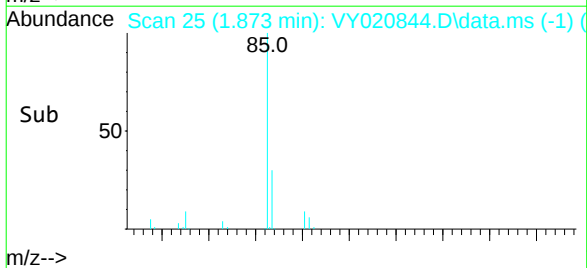
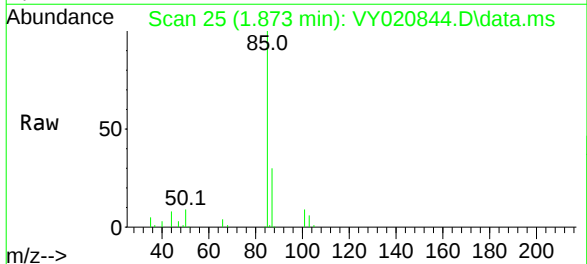
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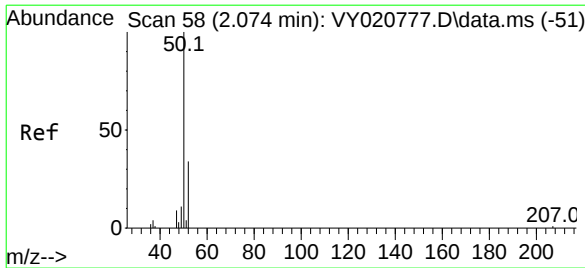
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#2
Dichlorodifluoromethane
Concen: 17.353 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

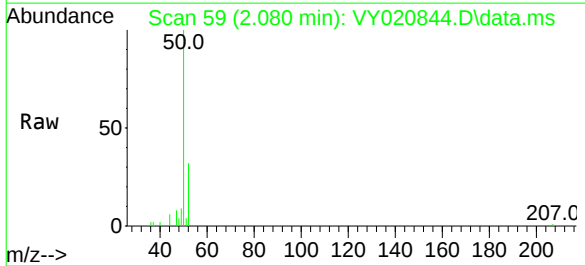
Tgt Ion: 85 Resp: 28950
Ion Ratio Lower Upper
85 100
87 30.2 16.9 50.6





#3
Chloromethane
Concen: 19.832 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

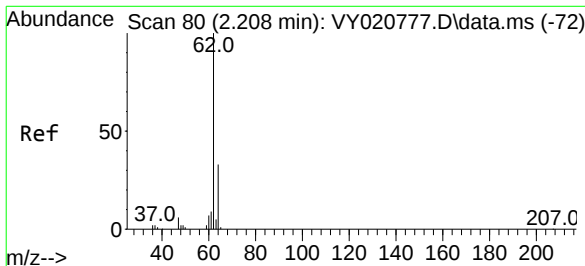
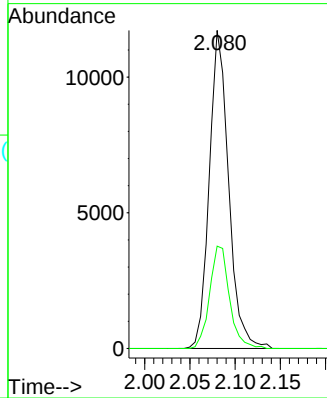
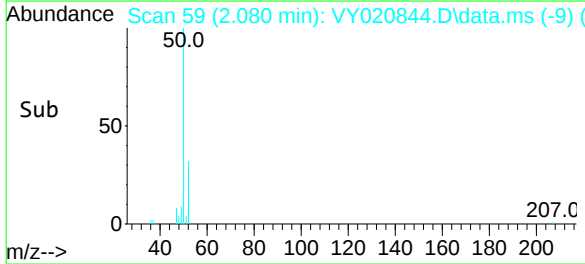
Instrument :
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ClientSampleId :
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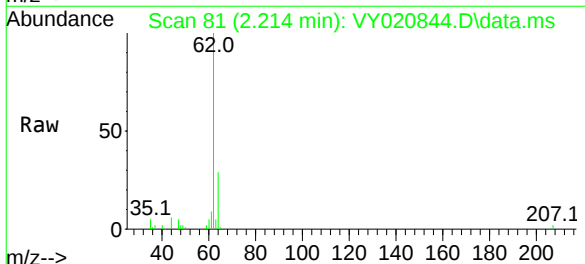
Tgt Ion: 50 Resp: 17421
Ion Ratio Lower Upper
50 100
52 32.2 27.3 40.9

Manual Integrations
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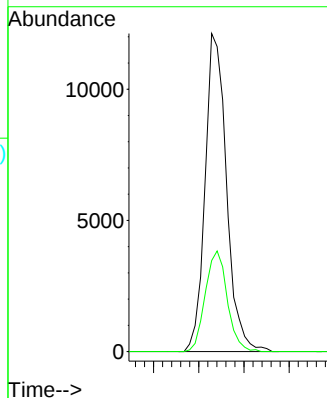
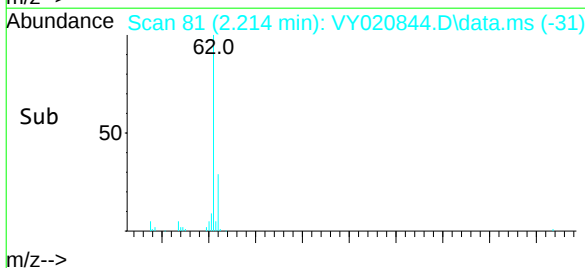
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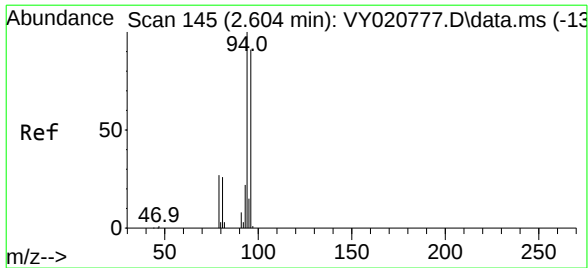


#4
Vinyl Chloride
Concen: 20.439 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35



Tgt Ion: 62 Resp: 19959
Ion Ratio Lower Upper
62 100
64 28.6 26.6 39.8





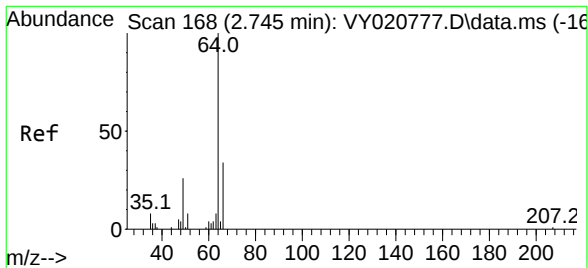
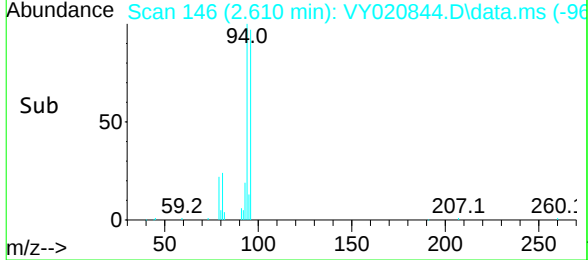
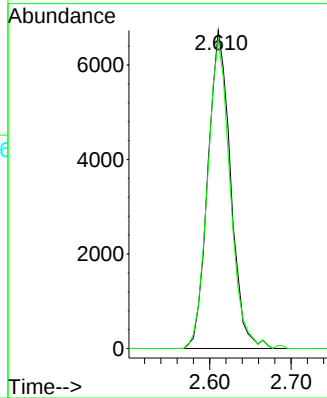
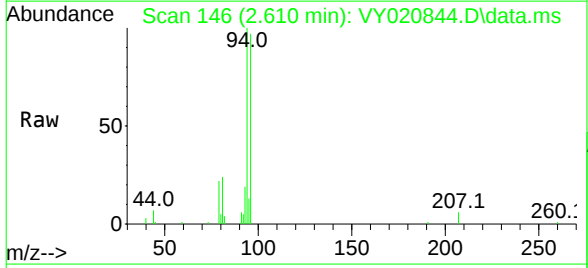
#5
Bromomethane
Concen: 18.744 ug/l
RT: 2.610 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY020844.D
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Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 13037
Ion Ratio Lower Upper
94 100
96 96.7 72.6 109.0

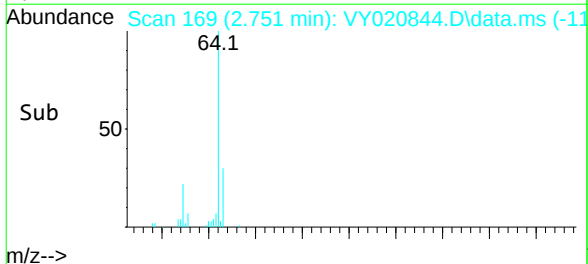
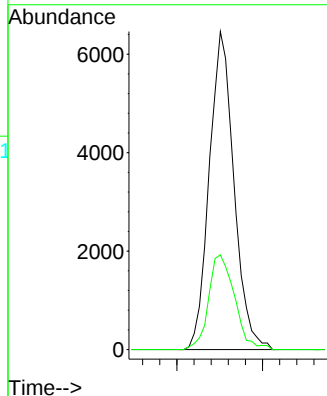
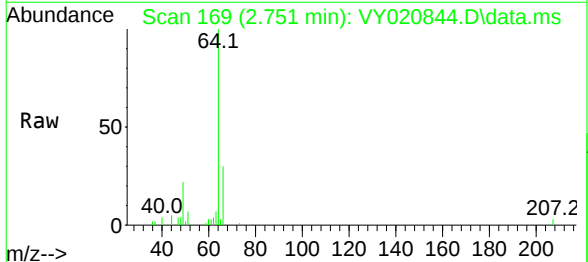
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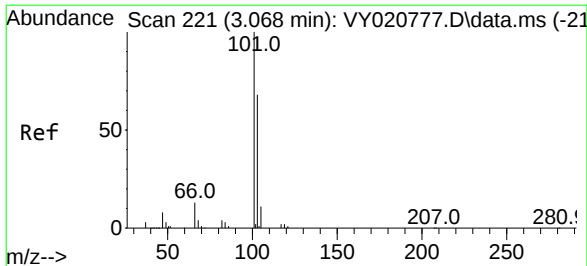
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#6
Chloroethane
Concen: 21.463 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY020844.D
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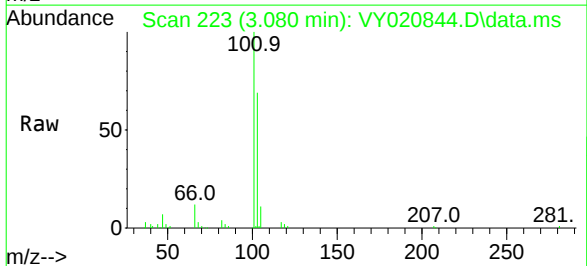
Tgt Ion: 64 Resp: 12926
Ion Ratio Lower Upper
64 100
66 29.8 26.9 40.3





Trichlorofluoromethane
Concen: 18.526 ug/l
RT: 3.080 min Scan# 221
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

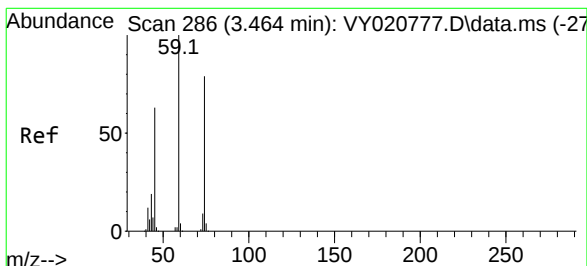
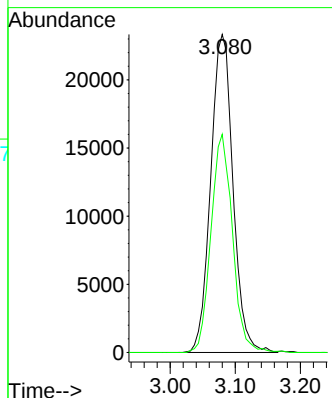
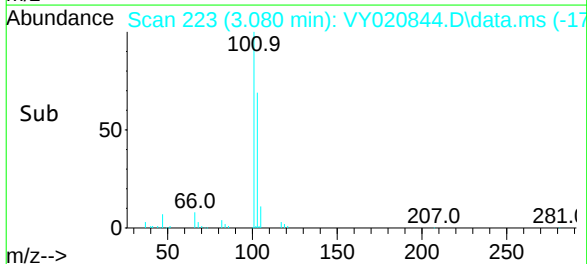
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 101 Resp: 55524
Ion Ratio Lower Upper
101 100
103 68.6 54.6 82.0

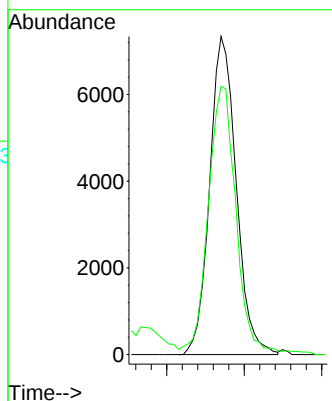
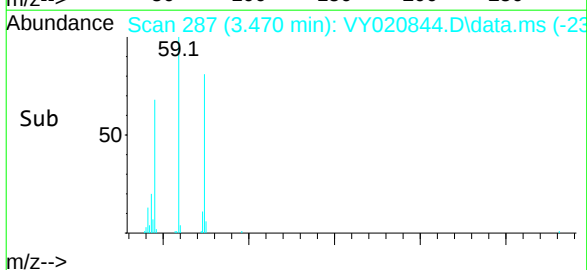
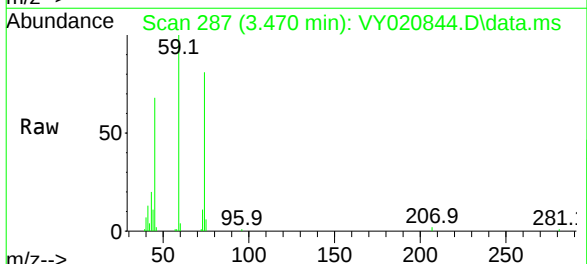
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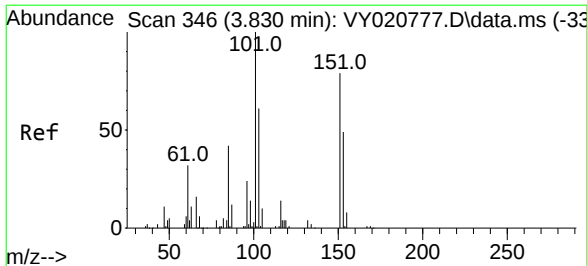
Reviewed By : Mahesh Dadoda 01/20/2025
Supervised By : Semsettin Yesilyurt 01/21/2025



Diethyl Ether
Concen: 18.627 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

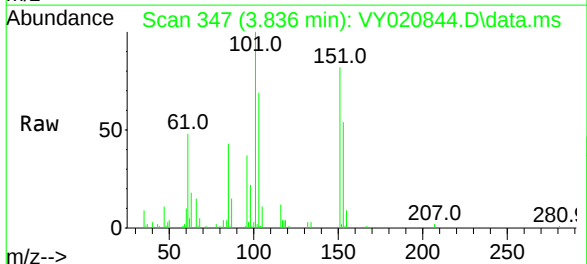
Tgt Ion: 74 Resp: 17458
Ion Ratio Lower Upper
74 100
45 89.0 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.068 ug/l
RT: 3.836 min Scan# 346
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

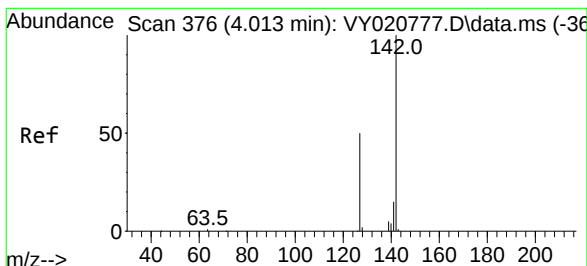
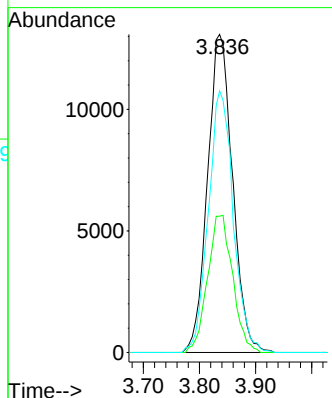
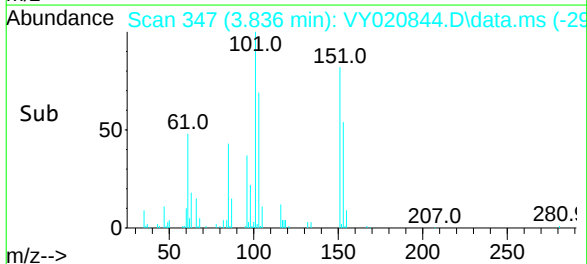
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



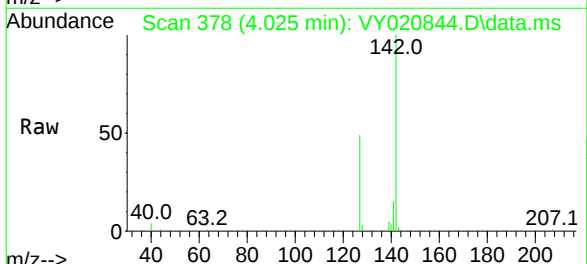
Tgt Ion:101 Resp: 40617
Ion Ratio Lower Upper
101 100
85 43.1 35.9 53.9
151 82.0 66.9 100.3

Manual Integrations
APPROVED

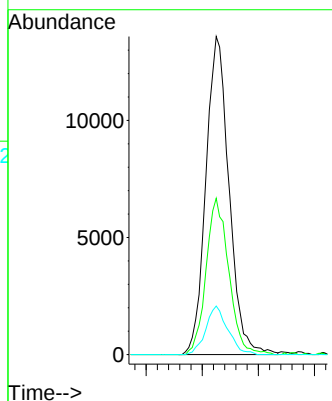
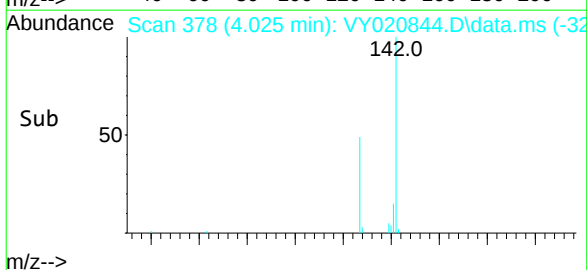
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#10
Methyl Iodide
Concen: 17.965 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35



Tgt Ion:142 Resp: 38965
Ion Ratio Lower Upper
142 100
127 48.1 41.0 61.6
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 101.452 ug/l

RT: 4.872 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tgt Ion: 59 Resp: 14812

Ion Ratio Lower Upper

59 100

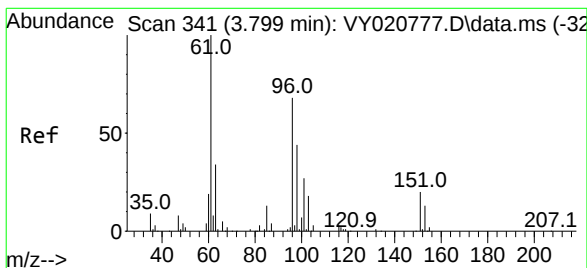
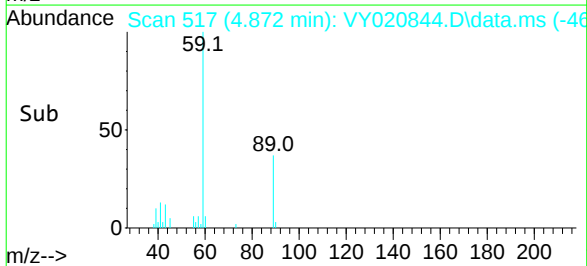
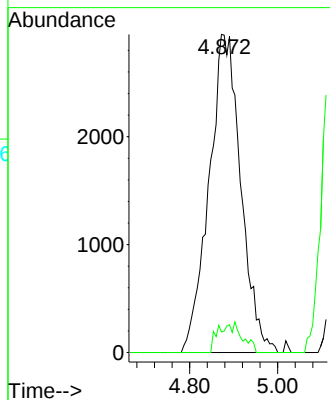
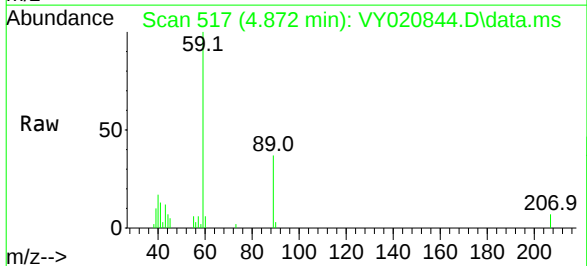
57 0.0 7.8 11.8#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#12

1,1-Dichloroethene

Concen: 18.735 ug/l

RT: 3.811 min Scan# 343

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

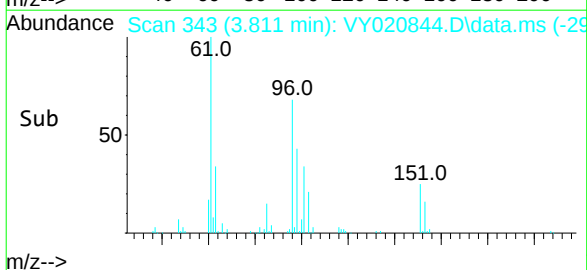
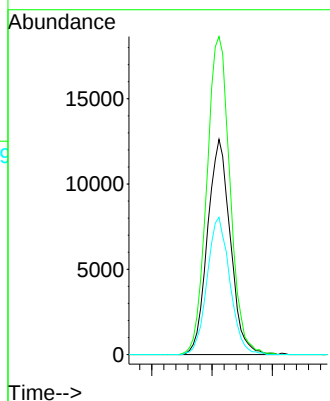
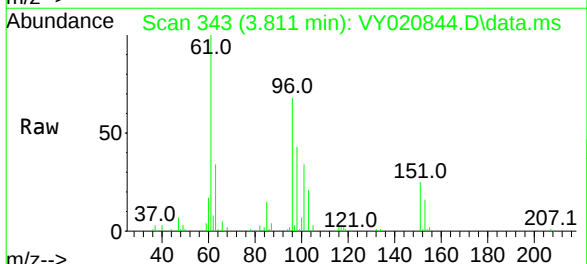
Tgt Ion: 96 Resp: 33213

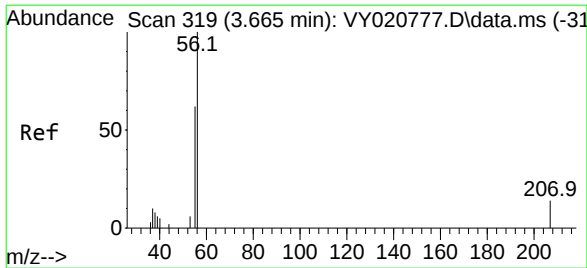
Ion Ratio Lower Upper

96 100

61 147.8 117.8 176.8

98 63.8 51.9 77.9





#13

Acrolein

Concen: 125.362 ug/l

RT: 3.671 min Scan# 32

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

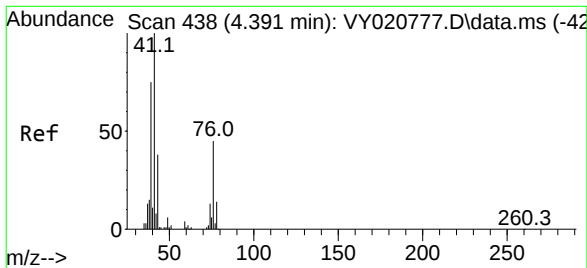
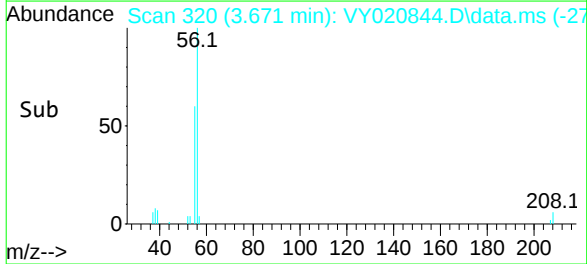
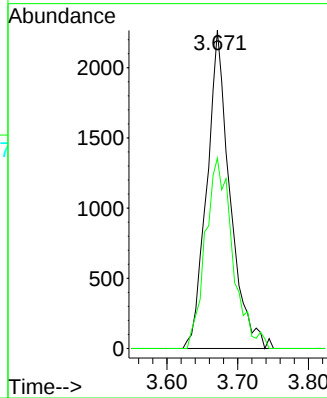
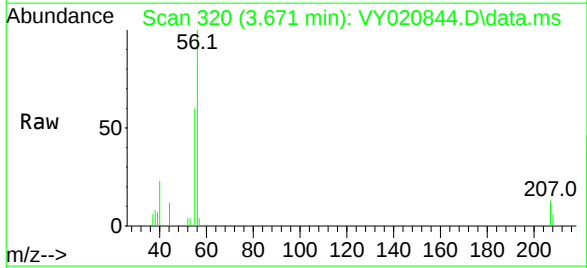
VY0117SBS01

Tgt Ion: 56 Resp: 5140
 Ion Ratio Lower Upper
 56 100
 55 70.5 58.1 87.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025



#14

Allyl chloride

Concen: 19.254 ug/l

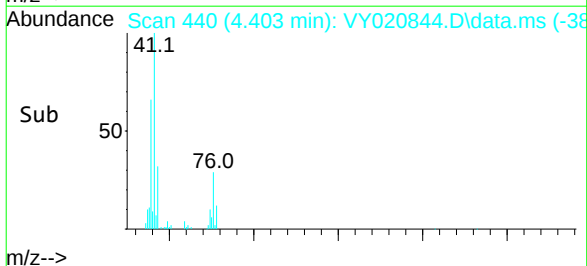
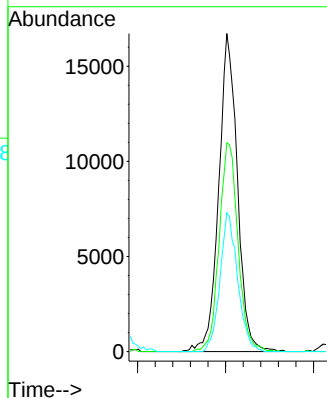
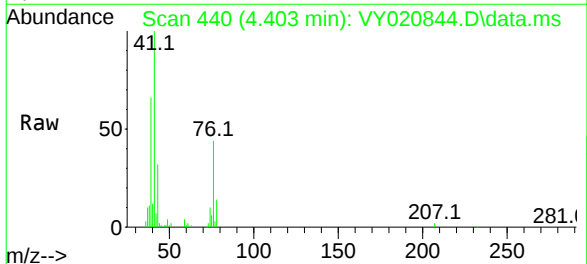
RT: 4.403 min Scan# 440

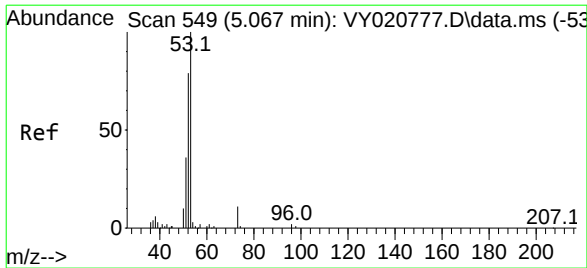
Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion: 41 Resp: 49242
 Ion Ratio Lower Upper
 41 100
 39 66.3 57.5 86.3
 76 41.3 35.6 53.4





#15

Acrylonitrile

Concen: 94.267 ug/l

RT: 5.080 min Scan# 551

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

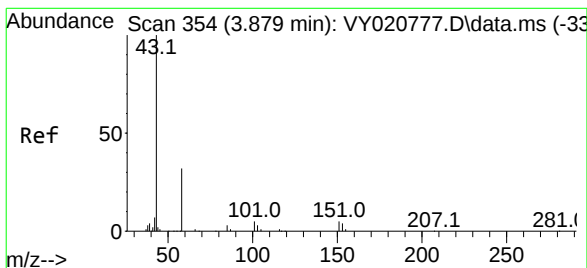
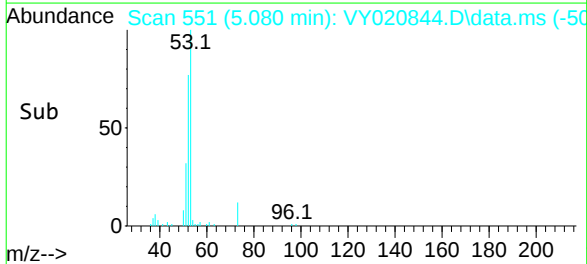
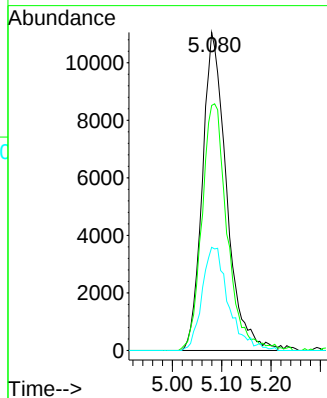
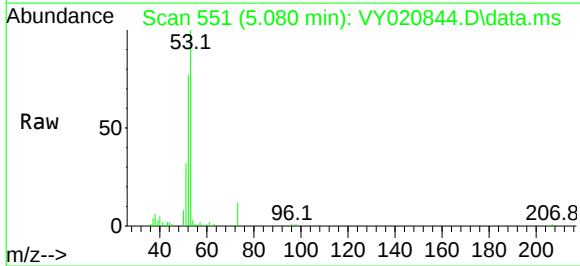
VY0117SBS01

Tgt Ion: 53	Resp: 37549
Ion Ratio	Lower Upper
53 100	
52 81.3	64.3 96.5
51 35.6	29.3 43.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#16

Acetone

Concen: 92.069 ug/l

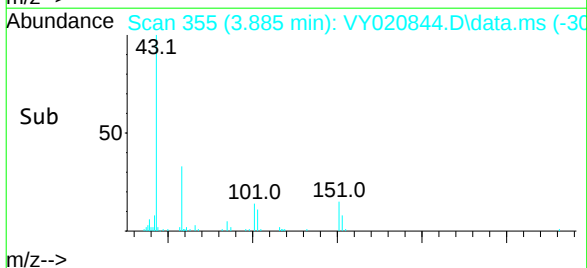
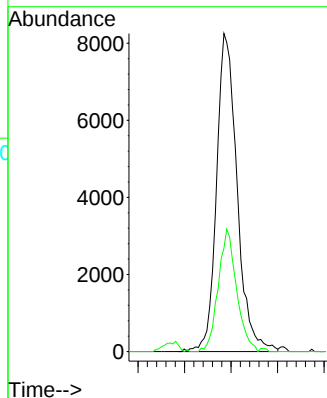
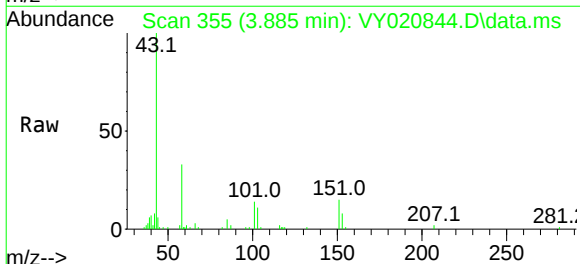
RT: 3.885 min Scan# 355

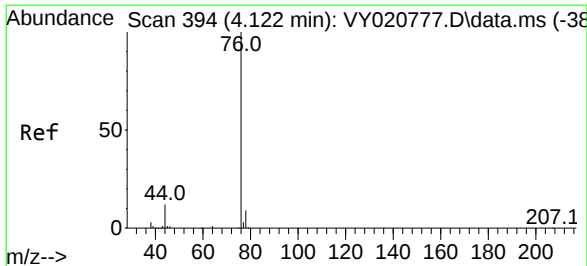
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

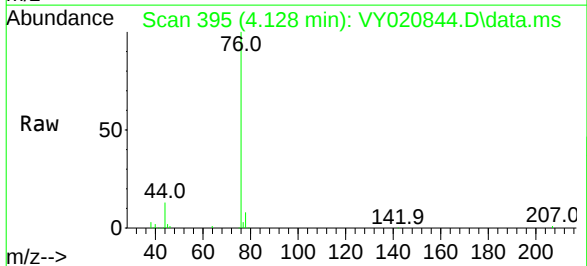
Tgt Ion: 43	Resp: 25297
Ion Ratio	Lower Upper
43 100	
58 32.5	26.7 40.1





#17
Carbon Disulfide
Concen: 17.099 ug/l
RT: 4.128 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

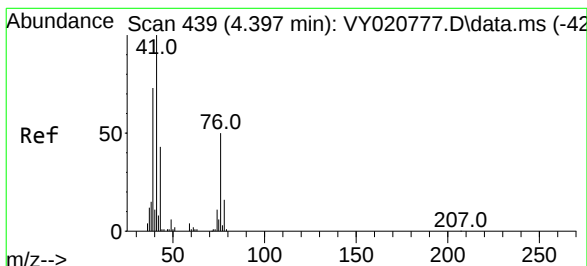
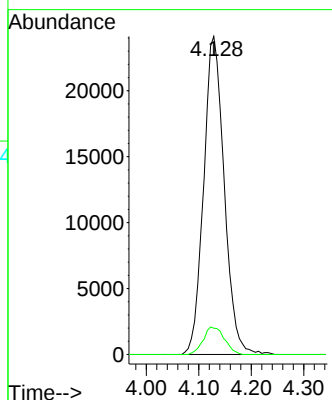
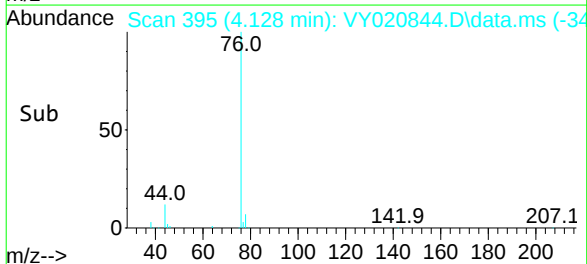
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 76 Resp: 65759
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

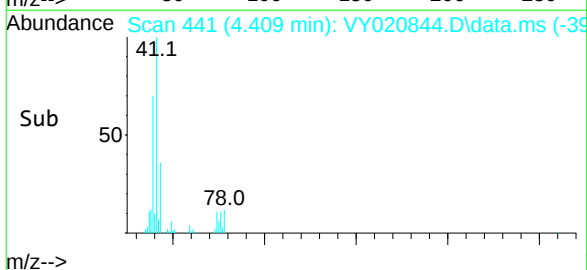
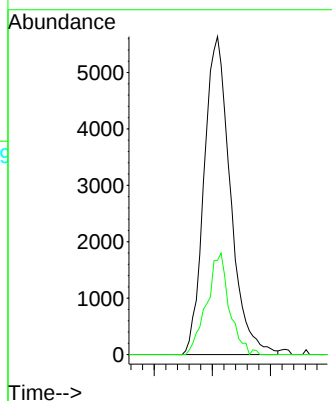
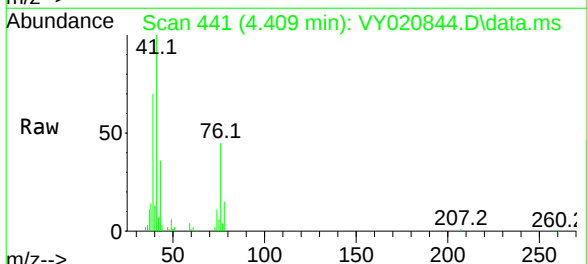
Manual Integrations
APPROVED

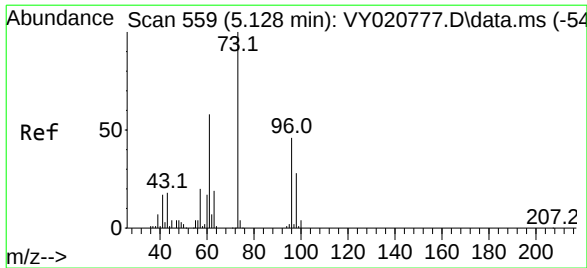
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#18
Methyl Acetate
Concen: 19.090 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

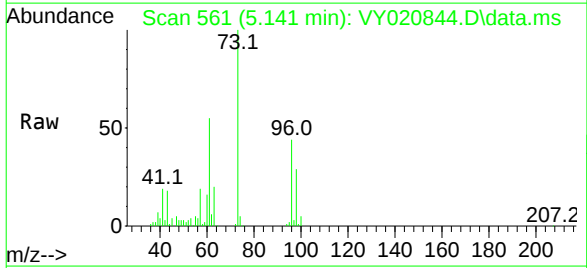
Tgt Ion: 43 Resp: 17710
Ion Ratio Lower Upper
43 100
74 27.4 23.0 34.6





#19
Methyl tert-butyl Ether
Concen: 18.058 ug/l
RT: 5.141 min Scan# 561
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

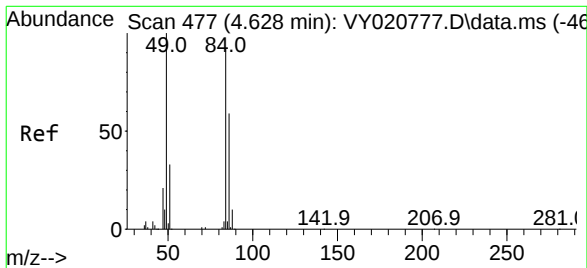
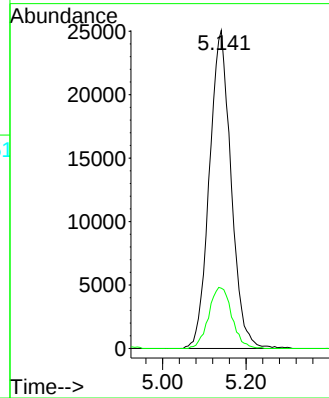
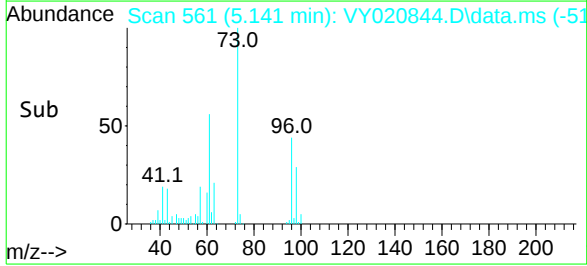
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 73 Resp: 90344
Ion Ratio Lower Upper
73 100
57 19.0 16.4 24.6

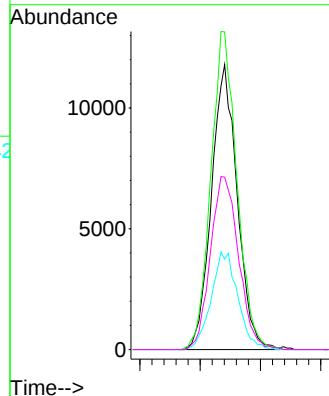
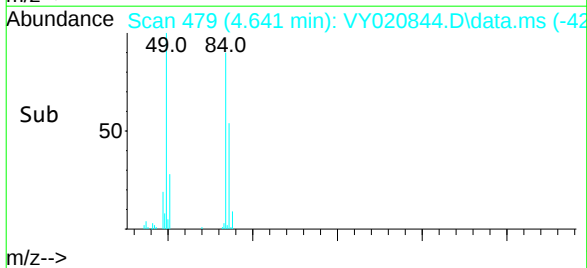
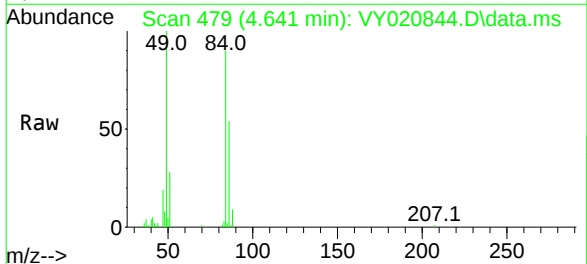
Manual Integrations
APPROVED

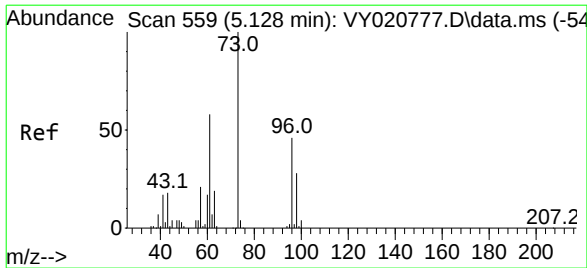
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#20
Methylene Chloride
Concen: 18.448 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 84 Resp: 35005
Ion Ratio Lower Upper
84 100
49 111.5 86.7 130.1
51 31.7 28.4 42.6
86 60.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.612 ug/l

RT: 5.147 min Scan# 561

Delta R.T. 0.018 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

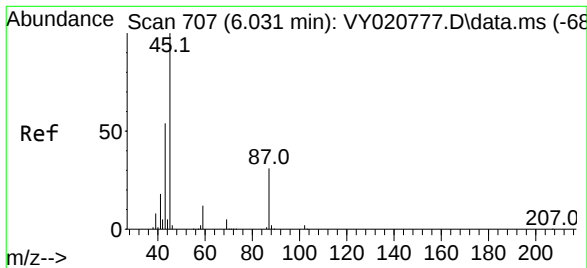
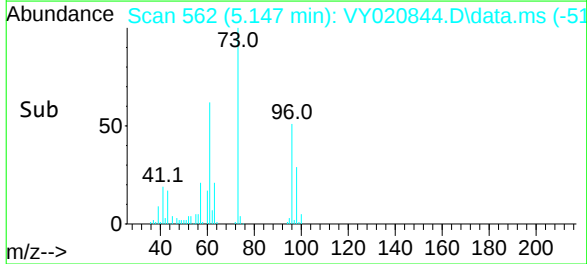
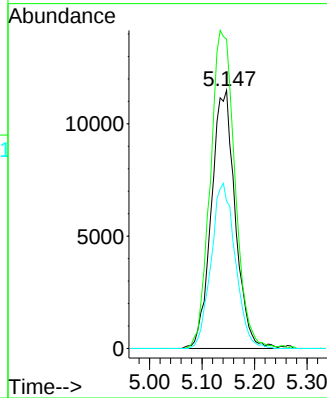
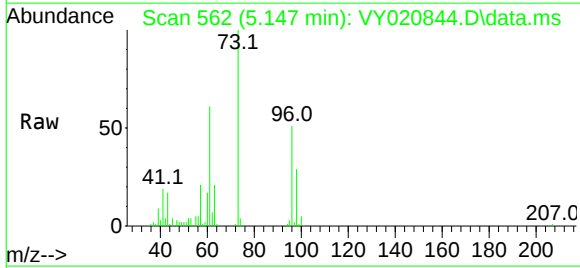
ClientSampleId :

VY0117SBS01

Tgt Ion:	96	Resp:	36335
Ion	Ratio	Lower	Upper
96	100		
61	119.7	101.6	152.4
98	57.0	49.4	74.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#22

Diisopropyl ether

Concen: 20.305 ug/l

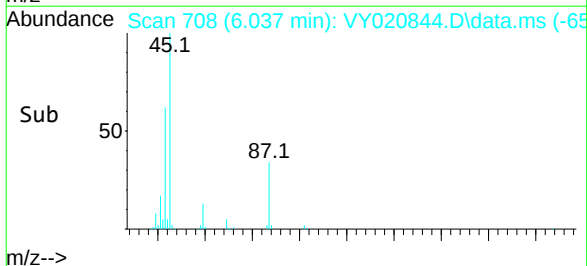
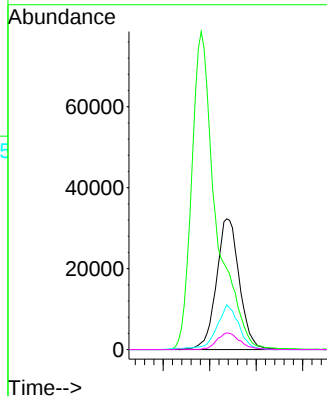
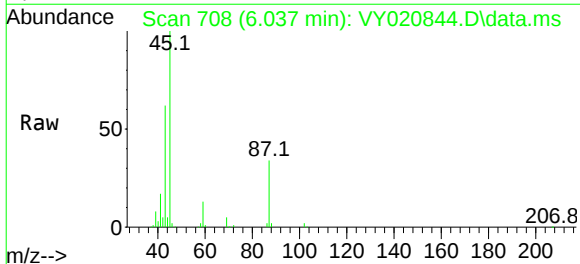
RT: 6.037 min Scan# 708

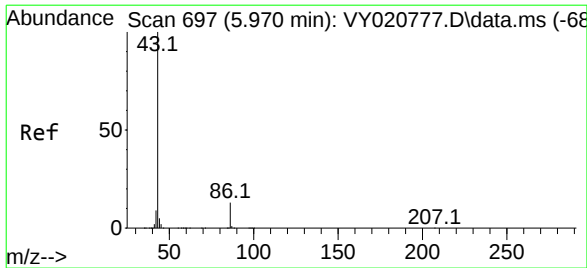
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:	45	Resp:	110624
Ion	Ratio	Lower	Upper
45	100		
43	61.1	43.9	65.9
87	34.3	25.3	37.9
59	12.8	10.0	15.0





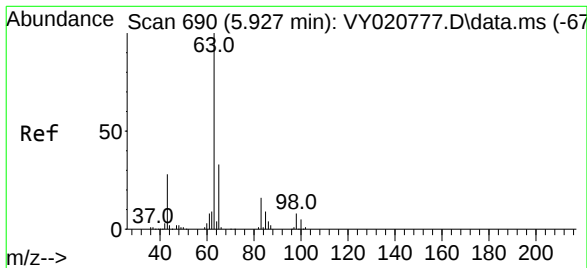
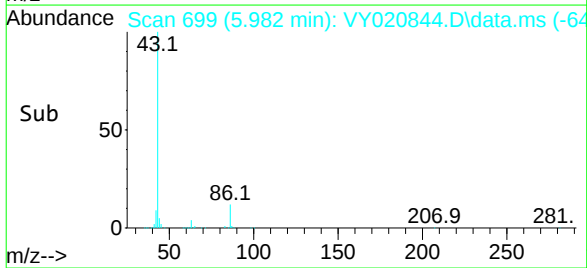
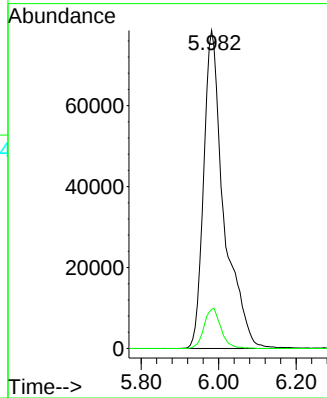
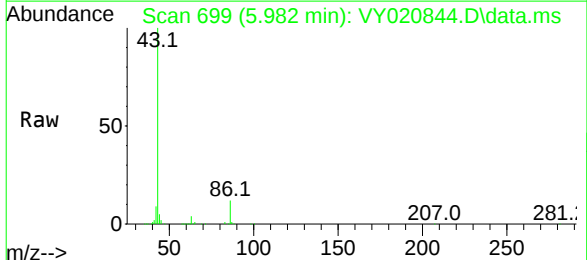
#23
 Vinyl Acetate
 Concen: 95.036 ug/l
 RT: 5.982 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tgt Ion: 43 Resp: 285483
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.5 15.7

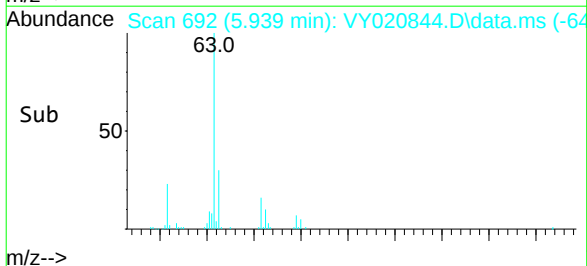
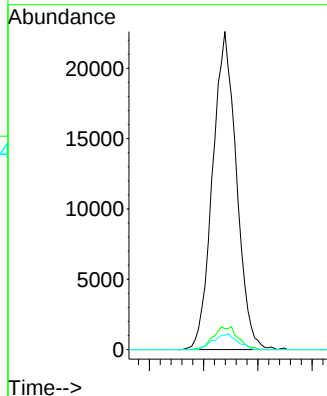
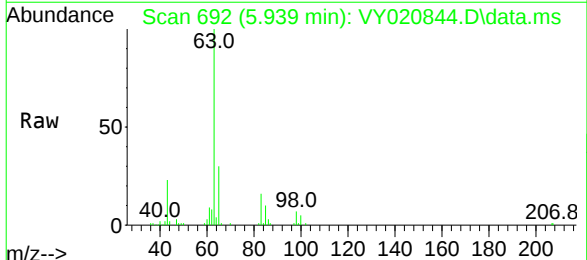
Manual Integrations
 APPROVED

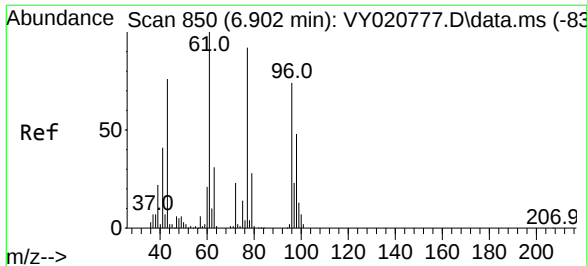
Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025



#24
 1,1-Dichloroethane
 Concen: 19.186 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

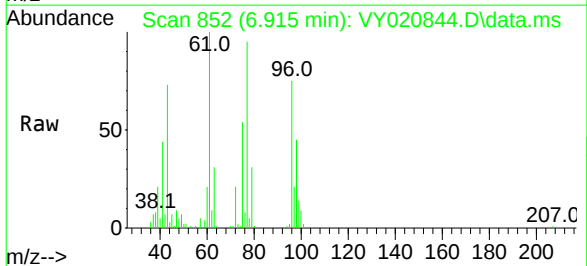
Tgt Ion: 63 Resp: 68965
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.5 2.4 7.2





#25
2-Butanone
Concen: 93.196 ug/l
RT: 6.915 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

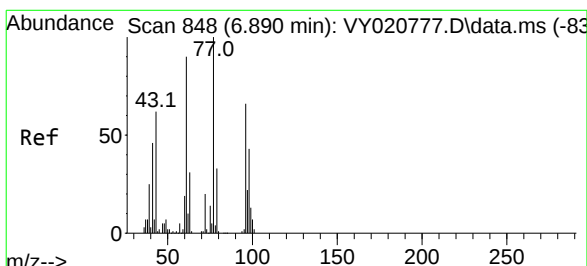
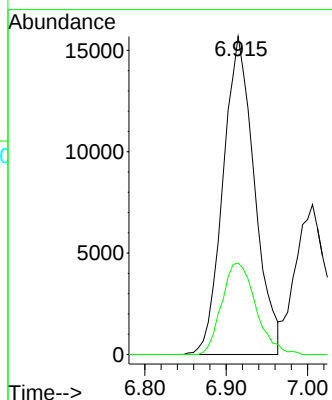
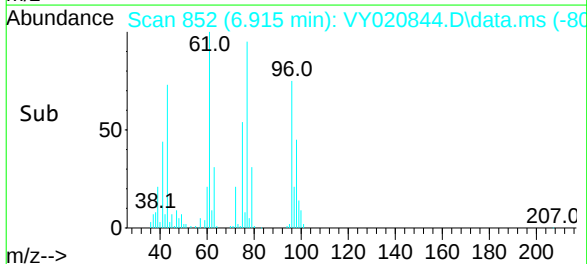
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 43 Resp: 42063
Ion Ratio Lower Upper
43 100
72 28.8 24.0 36.0

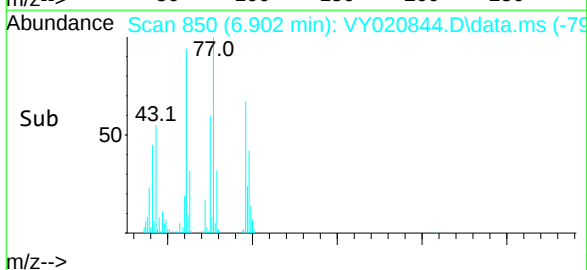
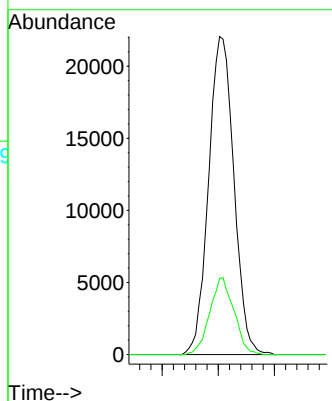
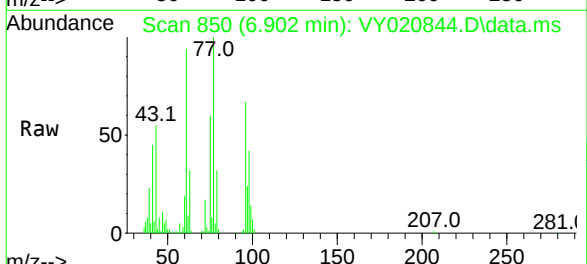
Manual Integrations
APPROVED

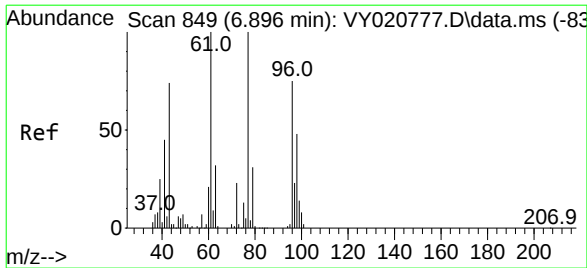
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#26
2,2-Dichloropropane
Concen: 18.515 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

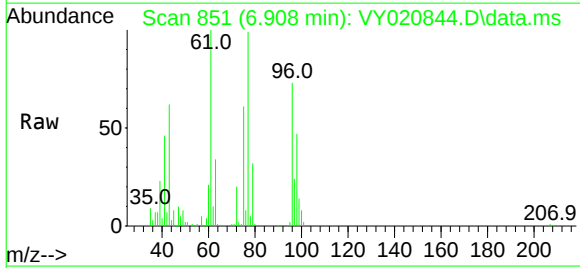
Tgt Ion: 77 Resp: 69098
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.757 ug/l
 RT: 6.908 min Scan# 851
 Delta R.T. 0.012 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

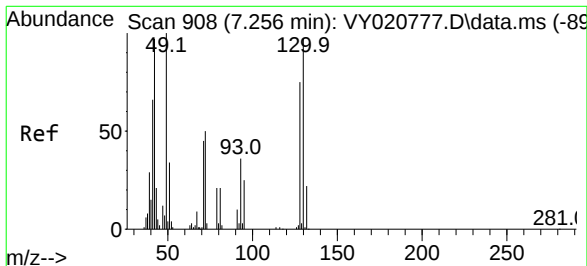
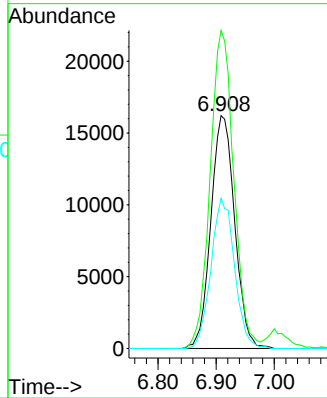
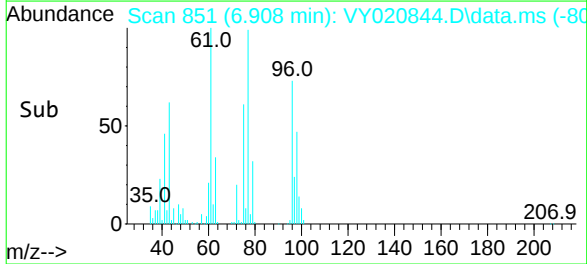
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01



Tgt Ion: 96 Resp: 46199
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 271.4
 98 63.8 0.0 129.0

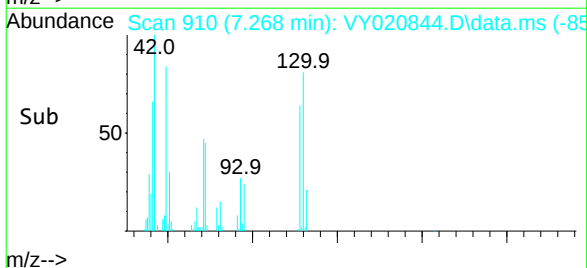
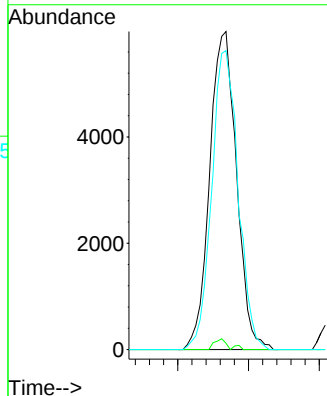
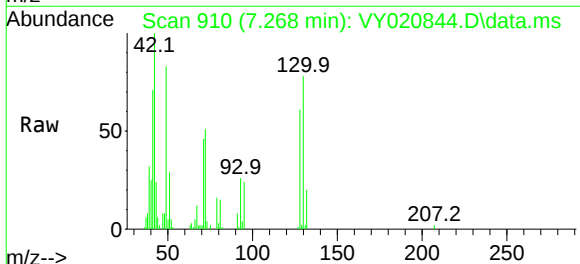
Manual Integrations
 APPROVED

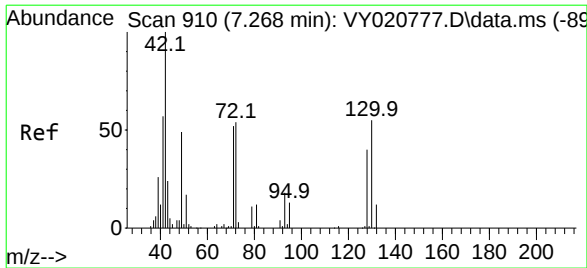
Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025



#28
 Bromochloromethane
 Concen: 16.256 ug/l
 RT: 7.268 min Scan# 910
 Delta R.T. 0.012 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

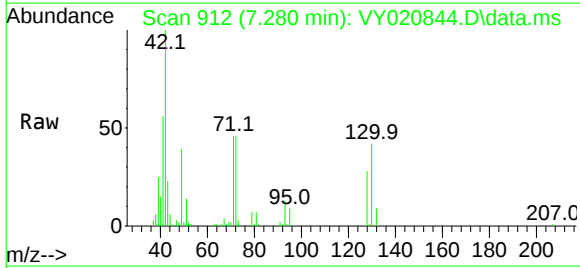
Tgt Ion: 49 Resp: 15767
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 5.2
 130 92.5 77.8 116.6





#29
Tetrahydrofuran
Concen: 93.245 ug/l
RT: 7.280 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

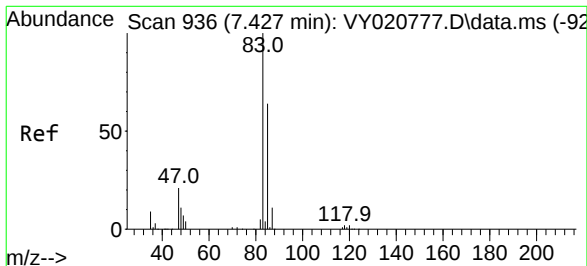
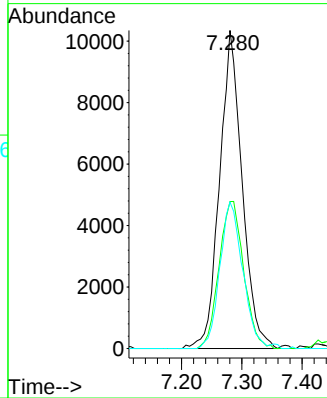
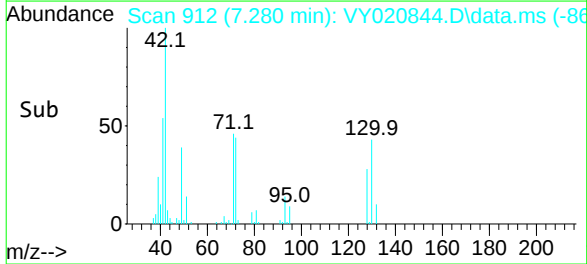
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 42 Resp: 26884
Ion Ratio Lower Upper
42 100
72 50.5 41.8 62.6
71 46.8 39.8 59.8

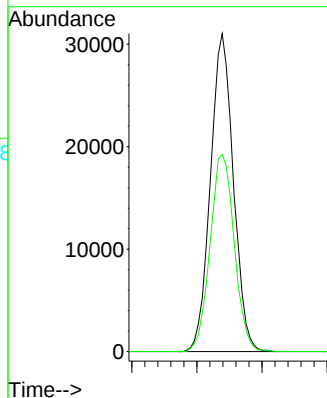
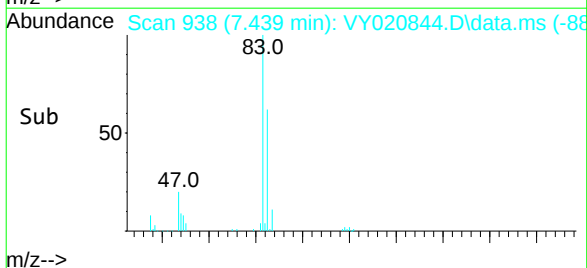
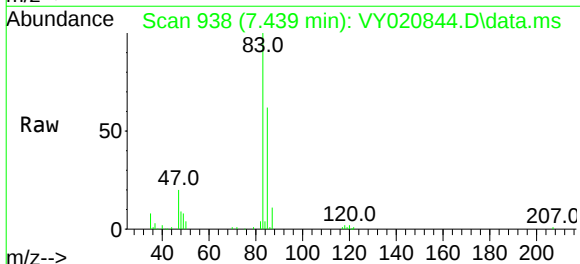
Manual Integrations
APPROVED

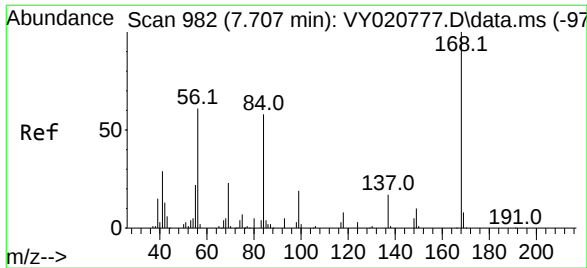
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#30
Chloroform
Concen: 18.534 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

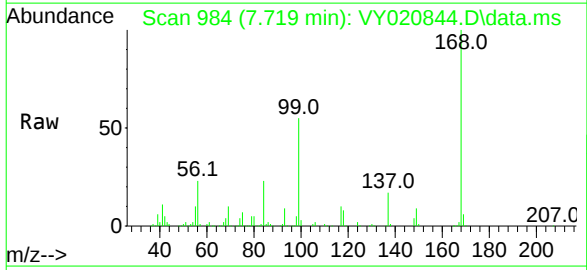
Tgt Ion: 83 Resp: 75973
Ion Ratio Lower Upper
83 100
85 62.0 51.1 76.7





#31
Cyclohexane
Concen: 19.462 ug/l
RT: 7.719 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

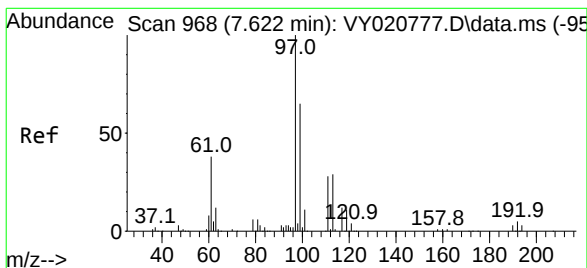
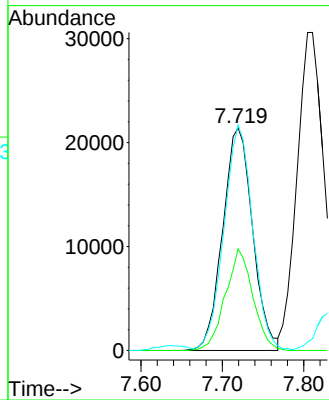
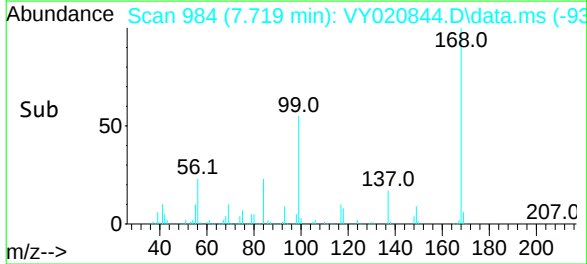
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 56 Resp: 54719
Ion Ratio Lower Upper
56 100
69 45.6 30.5 45.7
84 99.3 76.6 115.0

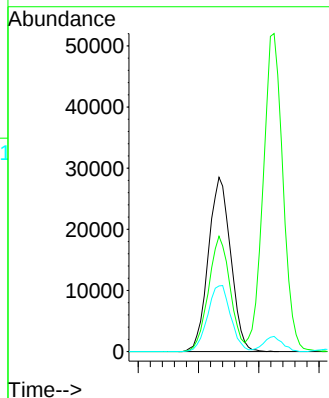
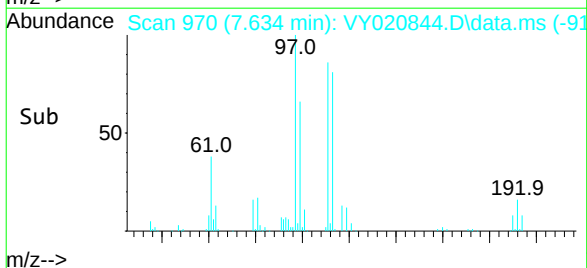
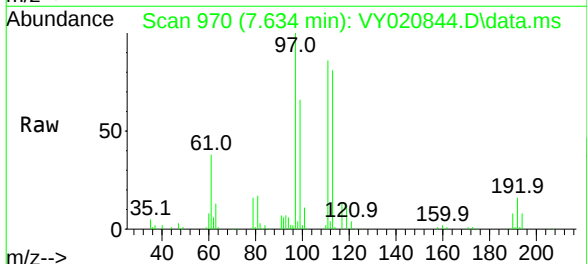
Manual Integrations
APPROVED

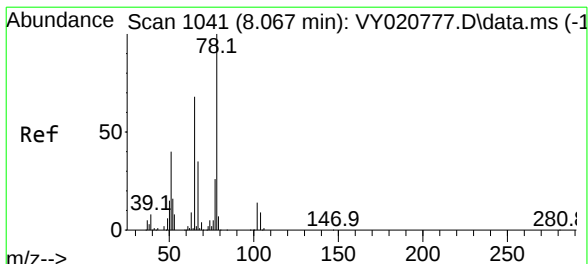
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#32
1,1,1-Trichloroethane
Concen: 18.369 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 97 Resp: 73446
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 39.1 30.5 45.7





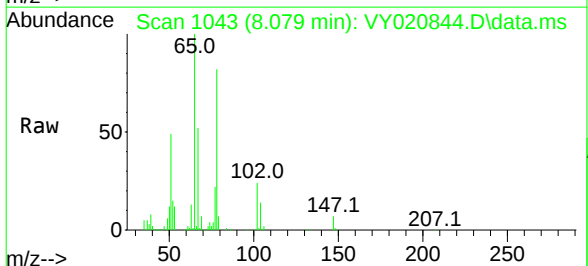
#33
 1,2-Dichloroethane-d4
 Concen: 48.618 ug/l
 RT: 8.079 min Scan# 1041
 Delta R.T. 0.012 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

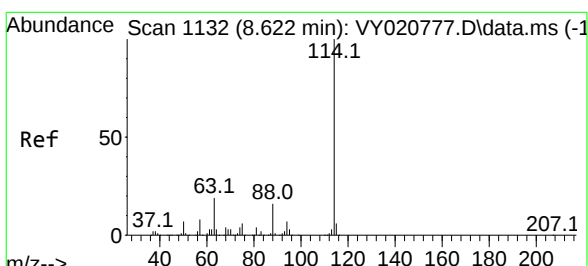
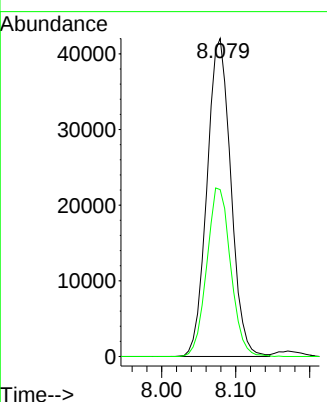
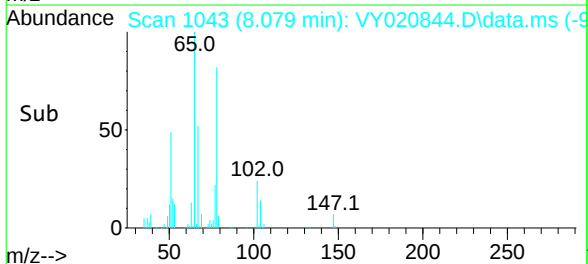


Tgt Ion:	65	Resp:	93938
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	102.8

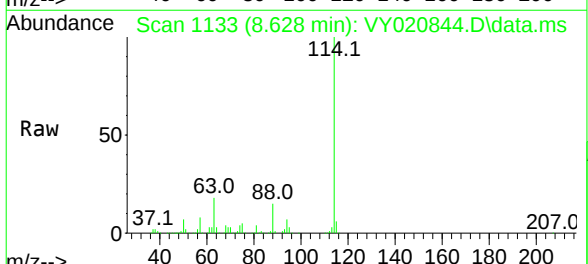
Manual Integrations

APPROVED

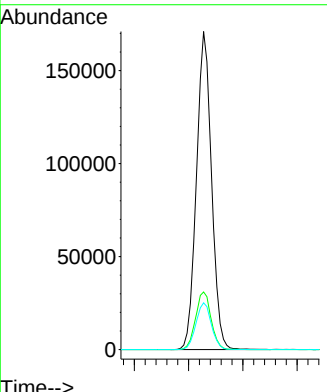
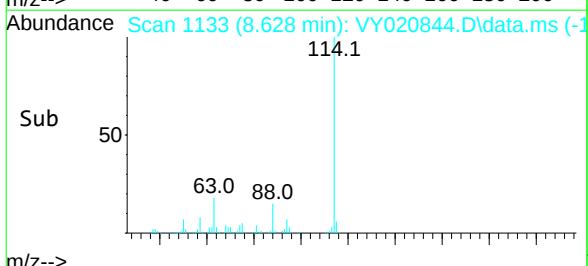
Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

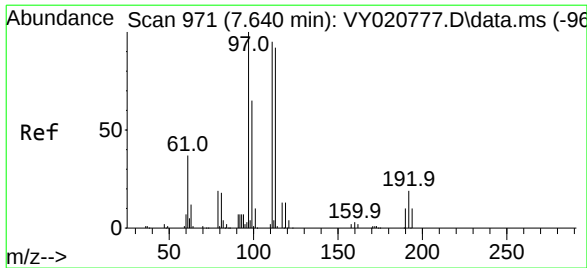


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 1133
 Delta R.T. 0.006 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35



Tgt Ion:	114	Resp:	330319
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	38.4
88	14.7	0.0	31.2





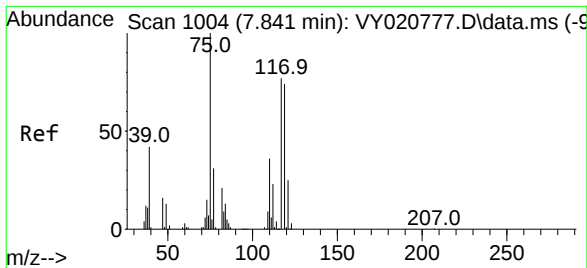
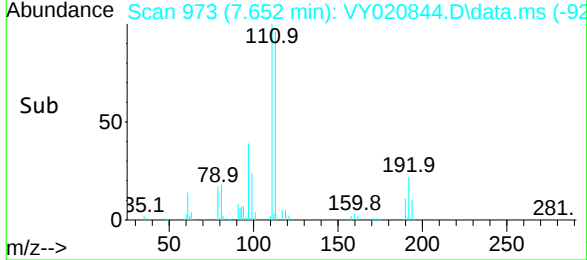
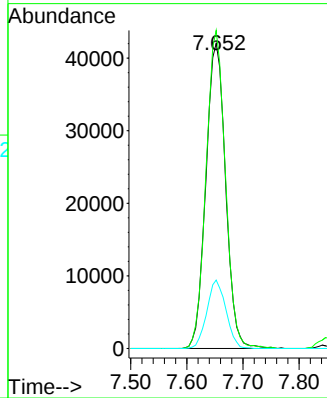
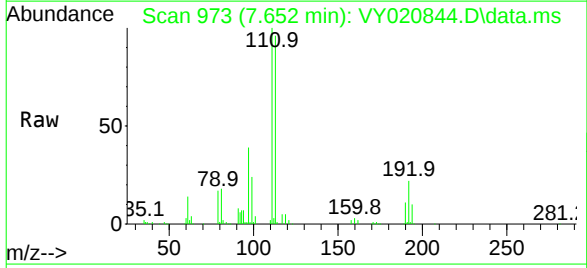
#35
Dibromofluoromethane
Concen: 49.614 ug/l
RT: 7.652 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion: 113 Resp: 102673
Ion Ratio Lower Upper
113 100
111 102.2 81.7 122.5
192 21.7 16.7 25.1

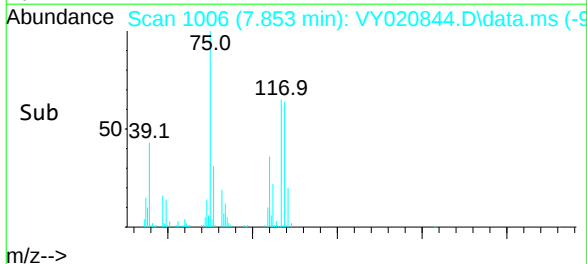
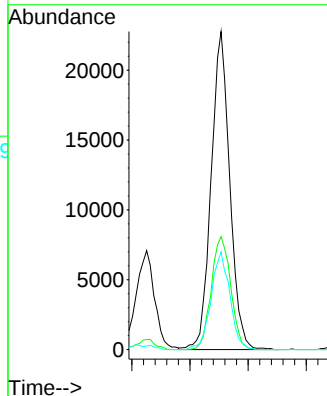
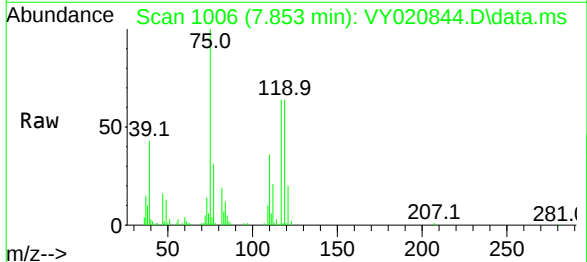
Manual Integrations
APPROVED

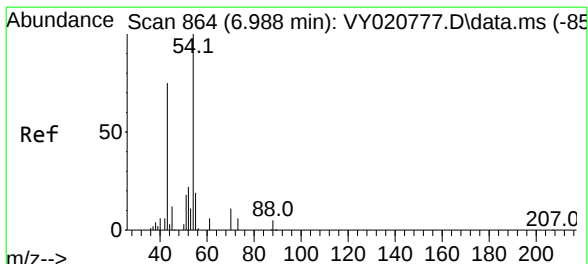
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#36
1,1-Dichloropropene
Concen: 19.204 ug/l
RT: 7.853 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

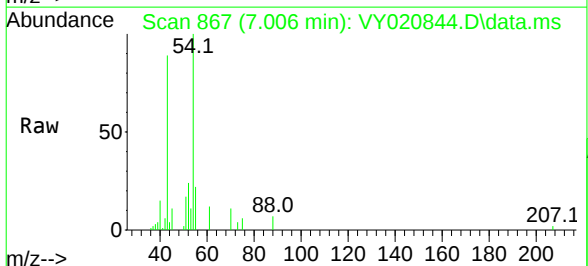
Tgt Ion: 75 Resp: 50690
Ion Ratio Lower Upper
75 100
110 37.1 18.5 55.5
77 31.0 25.0 37.4





#37
 Ethyl Acetate
 Concen: 19.277 ug/l
 RT: 7.006 min Scan# 864
 Delta R.T. 0.018 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

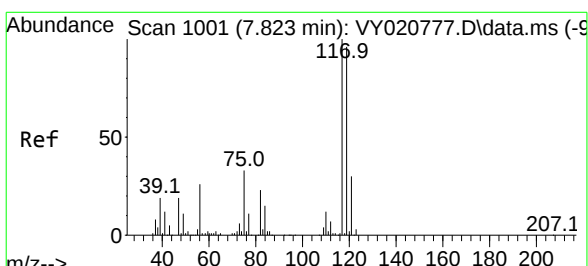
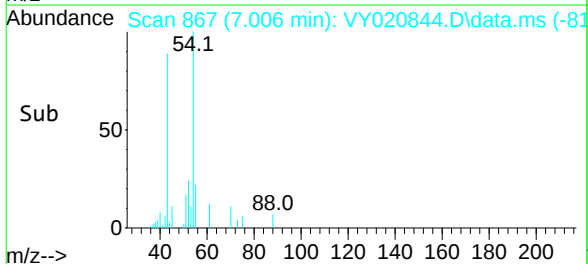
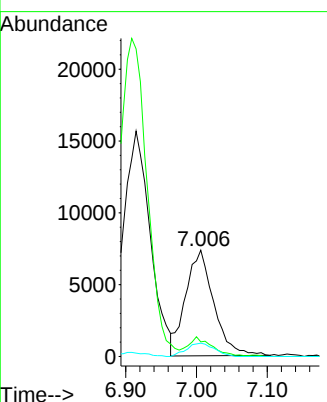
Instrument : MSVOA_Y
 ClientSampleId : VY0117SBS01



Tgt Ion: 43 Resp: 20249

Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.8	17.6
70	12.5	9.8	14.8

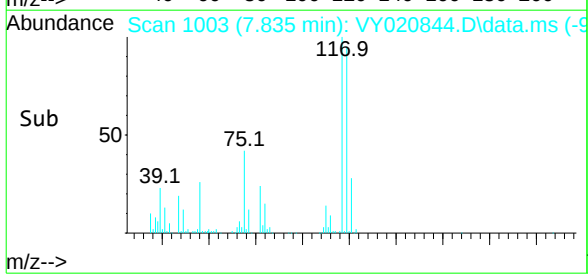
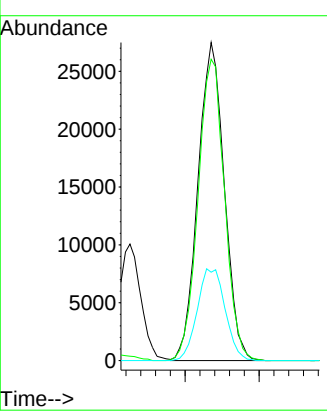
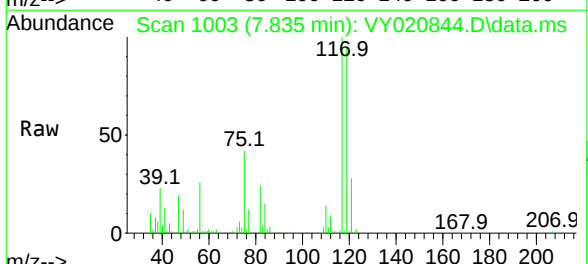
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

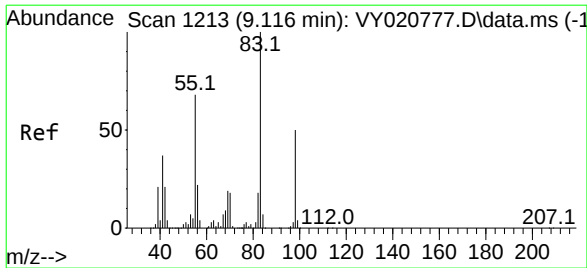


#38
 Carbon Tetrachloride
 Concen: 18.498 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.012 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

Tgt Ion:117 Resp: 67965

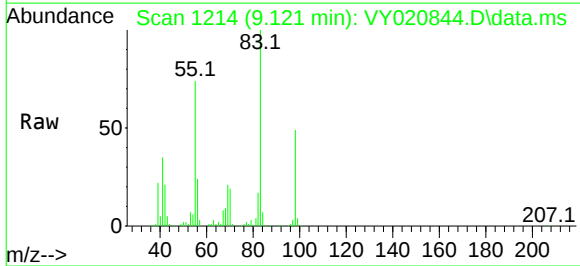
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.5	114.7
121	27.8	24.3	36.5





#39
Methylcyclohexane
Concen: 19.245 ug/l
RT: 9.121 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

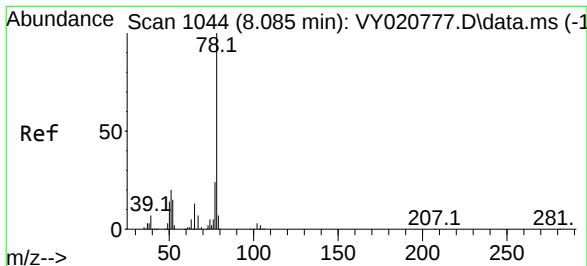
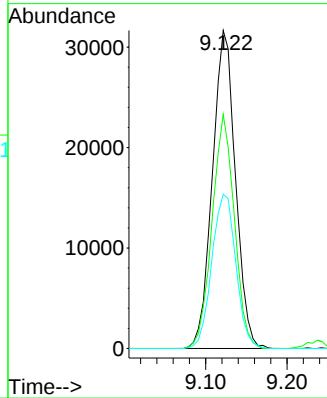
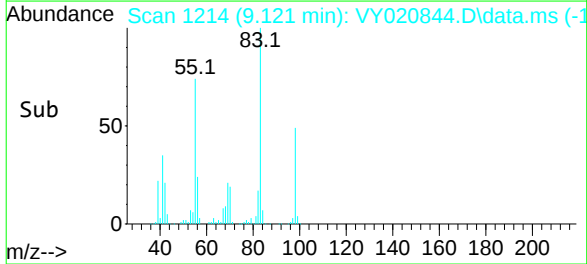
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 83 Resp: 62336
Ion Ratio Lower Upper
83 100
55 73.6 54.8 82.2
98 48.5 40.0 60.0

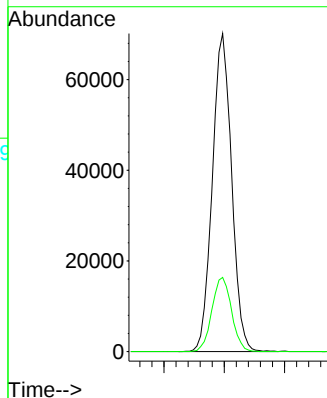
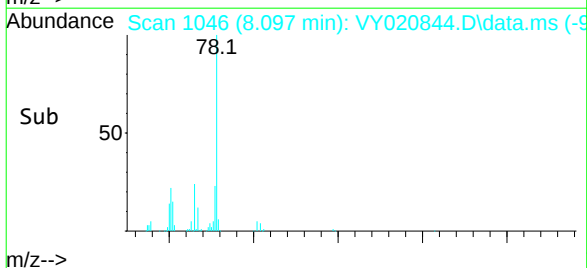
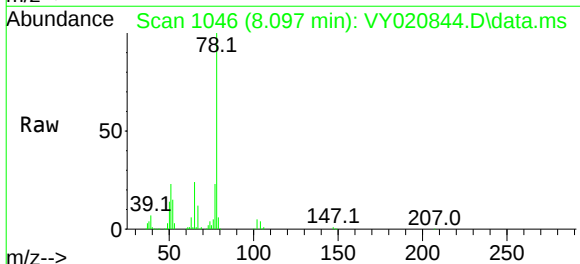
Manual Integrations
APPROVED

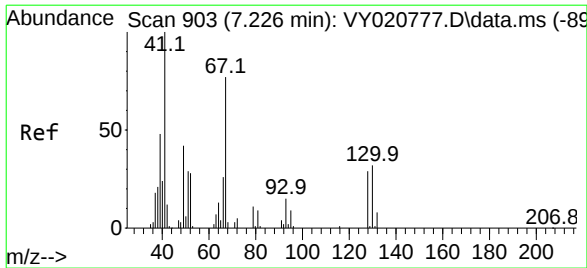
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#40
Benzene
Concen: 19.249 ug/l
RT: 8.097 min Scan# 1046
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

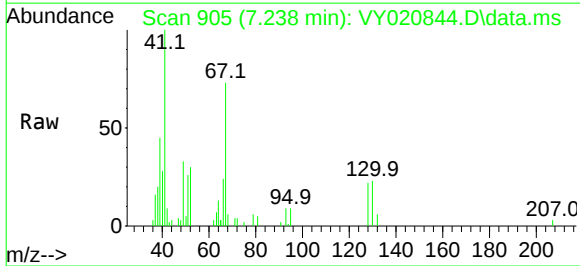
Tgt Ion: 78 Resp: 155940
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.2





#41
Methacrylonitrile
Concen: 19.624 ug/l
RT: 7.238 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

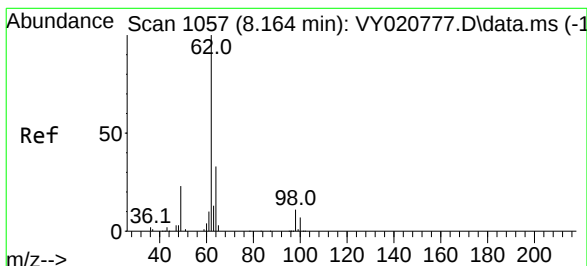
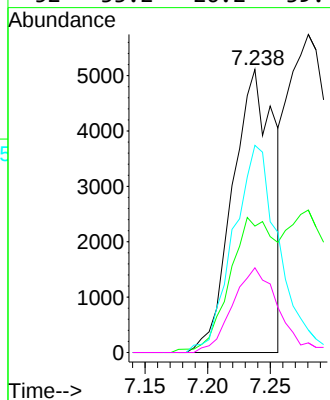
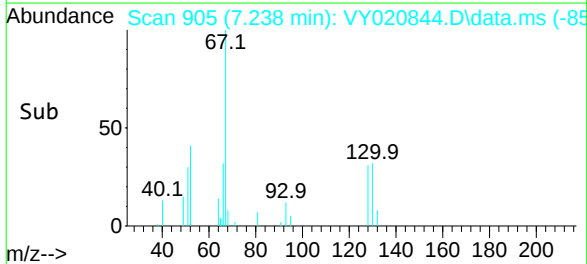
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 41 Resp: 11805
Ion Ratio Lower Upper
41 100
39 52.1 42.4 63.6
67 80.5 67.8 101.8
52 33.2 26.2 39.4

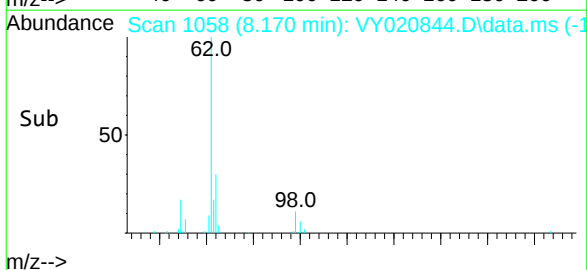
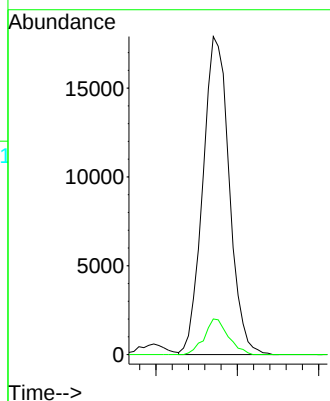
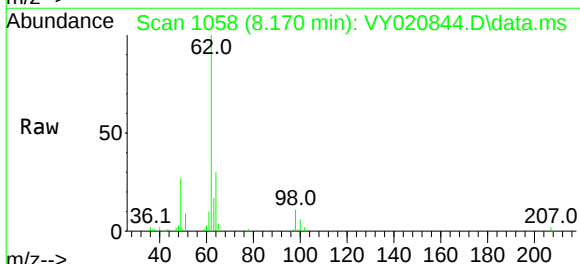
Manual Integrations
APPROVED

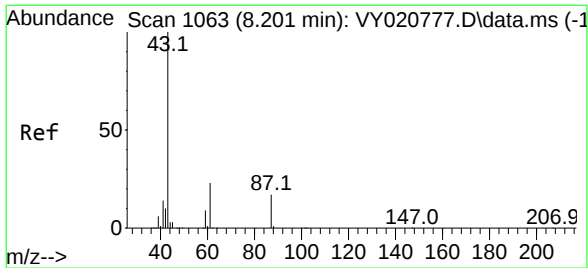
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#42
1,2-Dichloroethane
Concen: 18.222 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

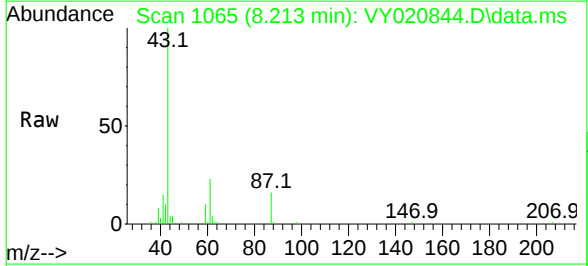
Tgt Ion: 62 Resp: 40313
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.6





#43
Isopropyl Acetate
Concen: 18.568 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

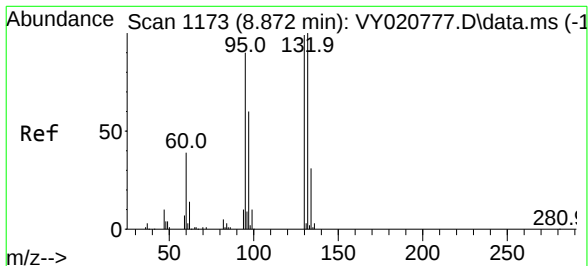
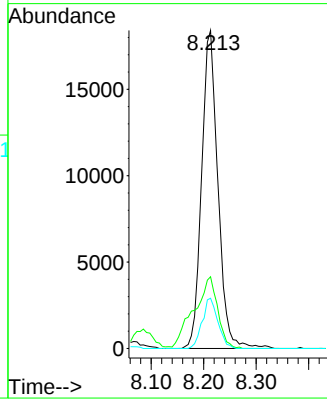
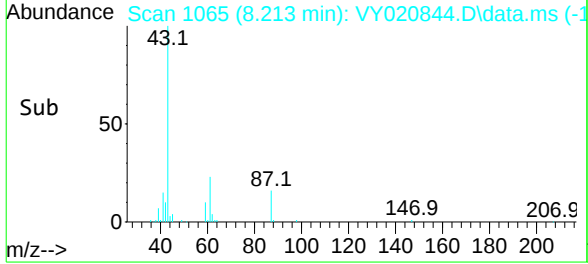
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 43 Resp: 39670
Ion Ratio Lower Upper
43 100
61 33.1 26.5 39.7
87 15.2 13.4 20.0

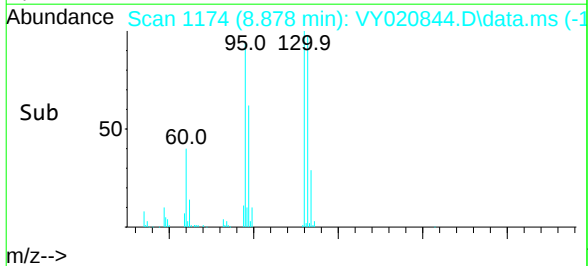
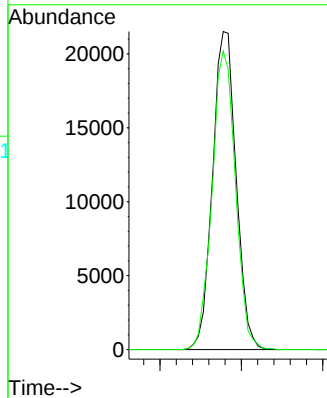
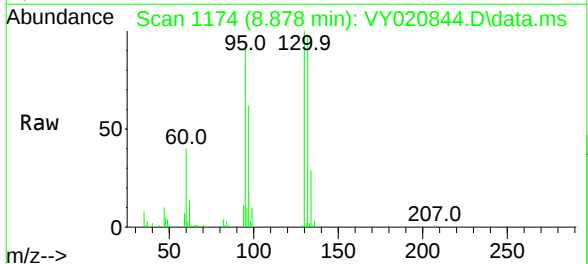
Manual Integrations
APPROVED

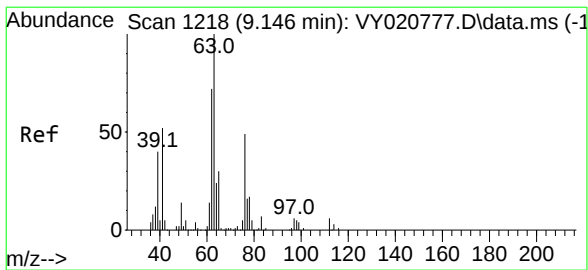
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#44
Trichloroethene
Concen: 19.164 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

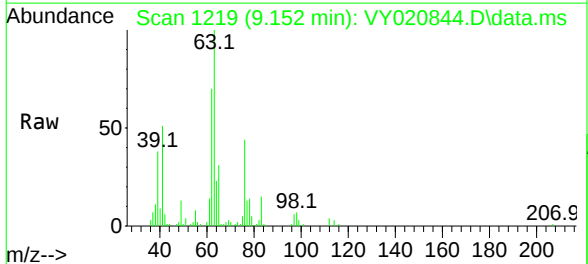
Tgt Ion:130 Resp: 43278
Ion Ratio Lower Upper
130 100
95 93.9 0.0 181.0





#45
1,2-Dichloropropane
Concen: 20.188 ug/l
RT: 9.152 min Scan# 1218
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

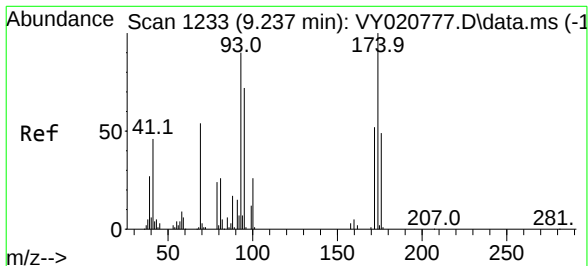
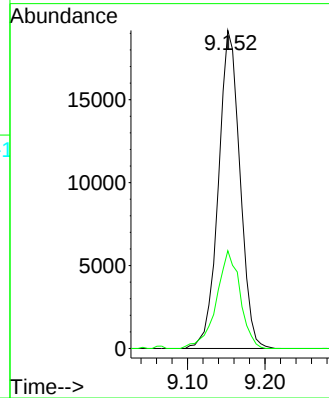
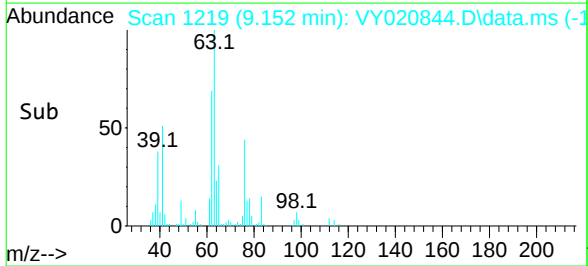
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 63 Resp: 37076
Ion Ratio Lower Upper
63 100
65 30.7 24.2 36.4

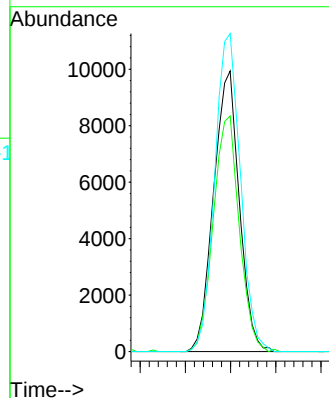
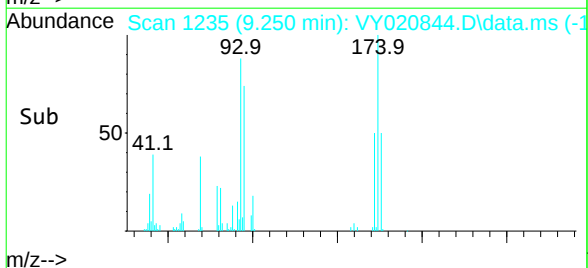
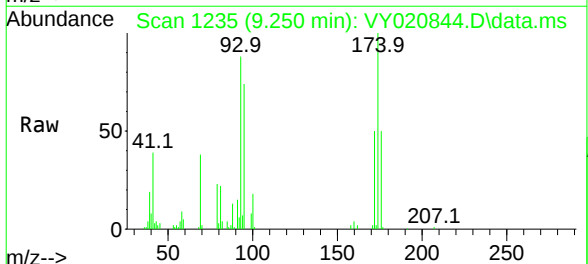
Manual Integrations
APPROVED

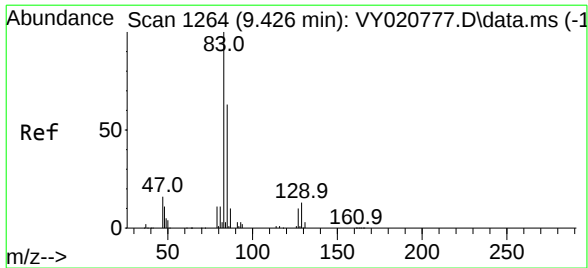
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#46
Dibromomethane
Concen: 18.613 ug/l
RT: 9.250 min Scan# 1235
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 93 Resp: 19629
Ion Ratio Lower Upper
93 100
95 84.8 68.2 102.4
174 113.1 89.0 133.6





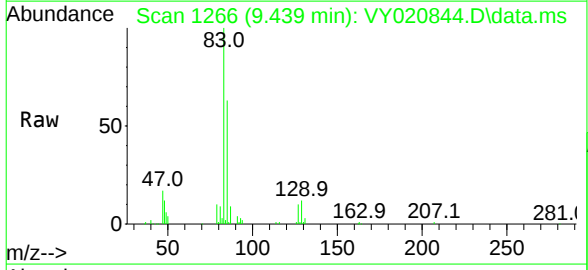
#47
Bromodichloromethane
Concen: 19.016 ug/l
RT: 9.439 min Scan# 1266
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

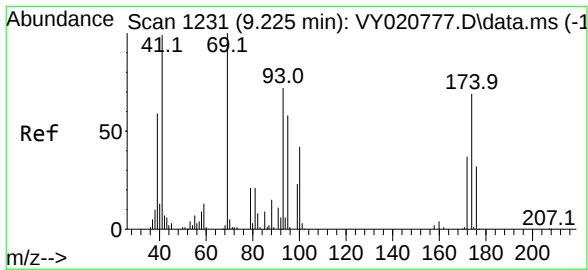
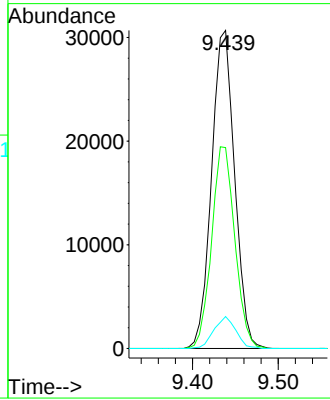
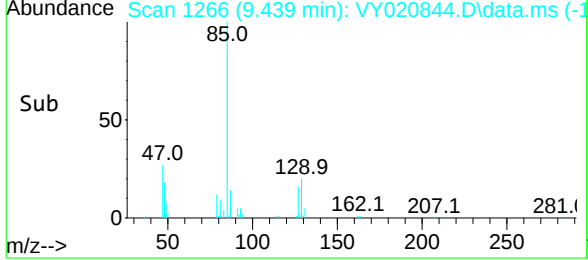
VY0117SBS01



Tgt Ion	83	85	127
Ratio	100	63.2	10.0
Lower		50.7	7.9
Upper		76.1	11.9

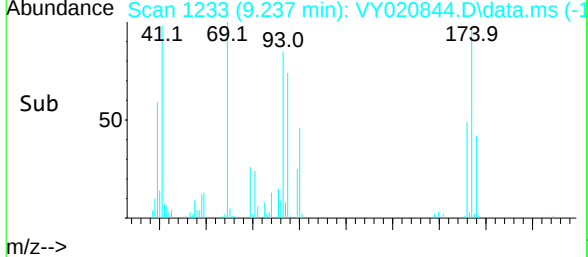
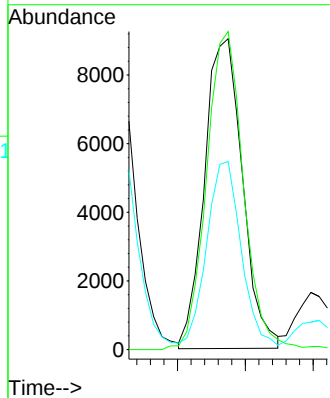
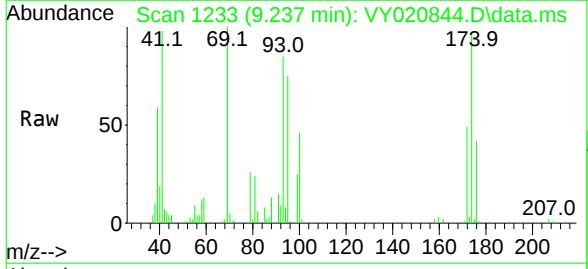
Manual Integrations
APPROVED

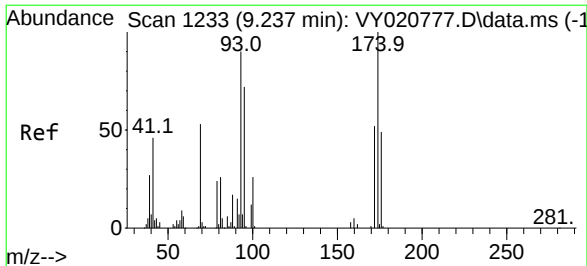
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#48
Methyl methacrylate
Concen: 18.334 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

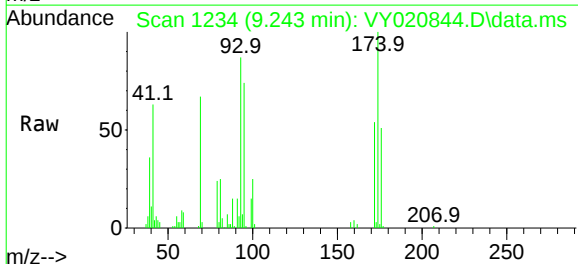
Tgt Ion	41	69	39
Ratio	100	100.3	53.2
Lower		78.9	44.6
Upper		118.3	67.0





#49
1,4-Dioxane
Concen: 318.207 ug/l
RT: 9.243 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

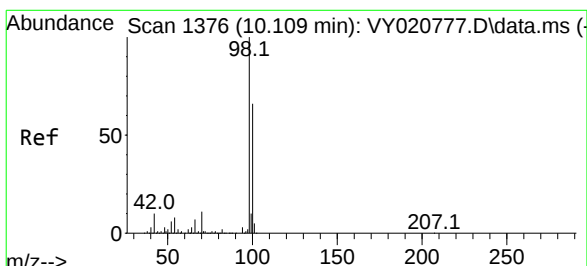
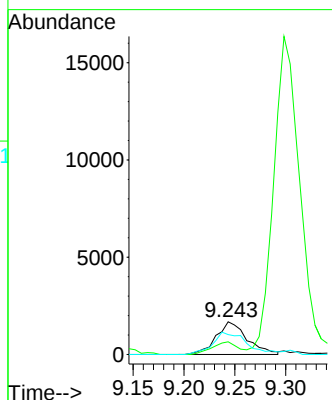
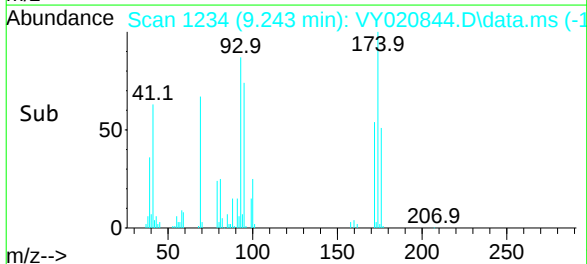
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 88 Resp: 3563
Ion Ratio Lower Upper
88 100
43 32.9 24.4 36.6
58 74.7 51.0 76.6

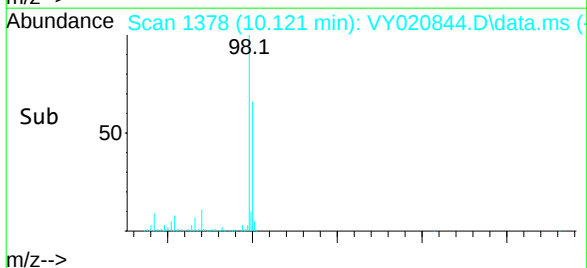
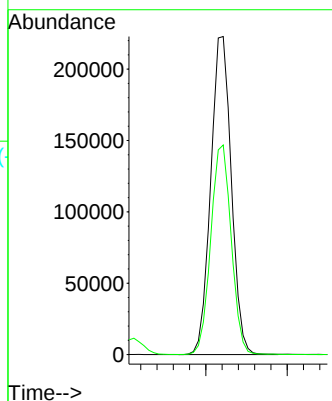
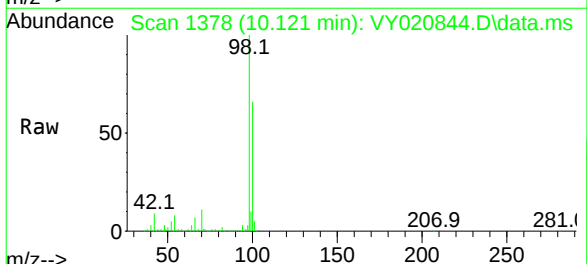
Manual Integrations
APPROVED

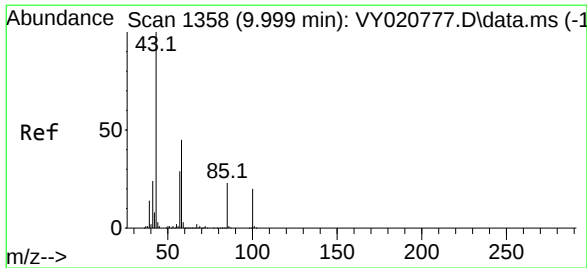
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#50
Toluene-d8
Concen: 54.315 ug/l
RT: 10.121 min Scan# 1378
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 98 Resp: 391830
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





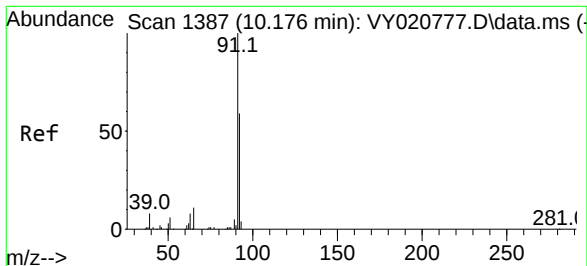
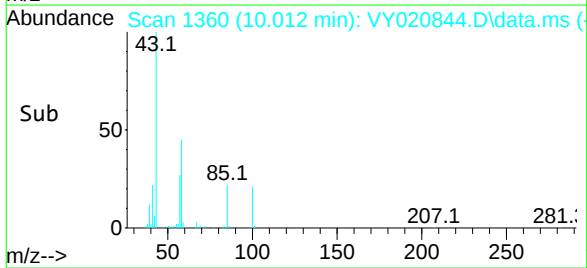
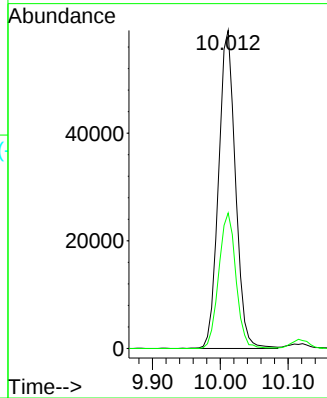
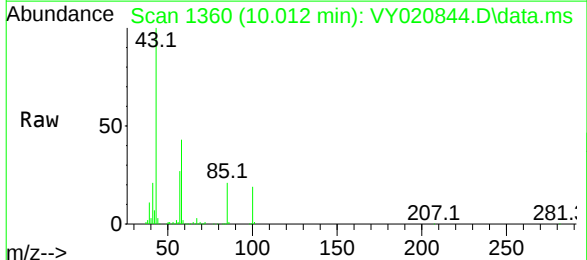
#51
4-Methyl-2-Pentanone
Concen: 95.936 ug/l
RT: 10.012 min Scan# 1358
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion: 43 Resp: 102398
Ion Ratio Lower Upper
43 100
58 43.3 34.8 52.2

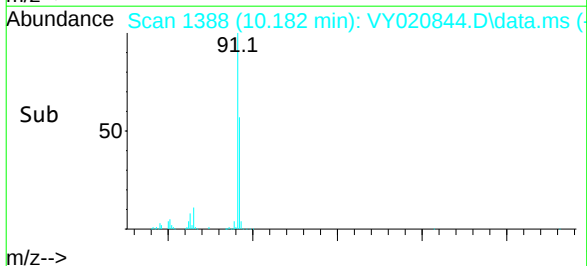
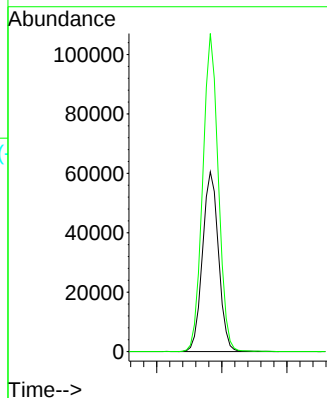
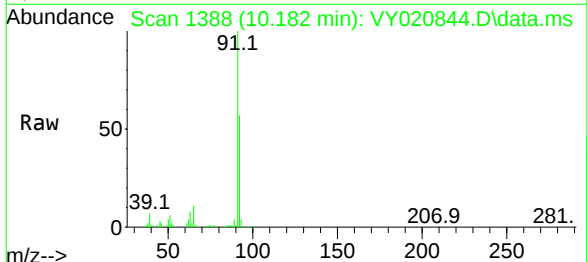
Manual Integrations
APPROVED

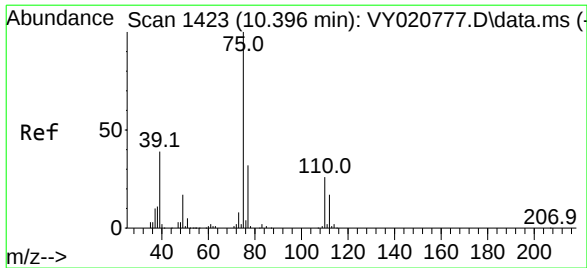
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#52
Toluene
Concen: 19.249 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 92 Resp: 103261
Ion Ratio Lower Upper
92 100
91 172.8 136.6 204.8





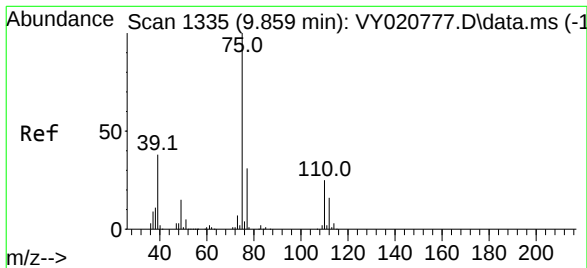
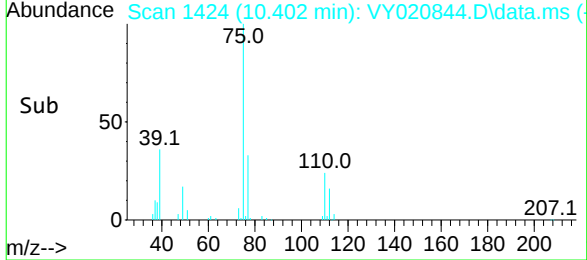
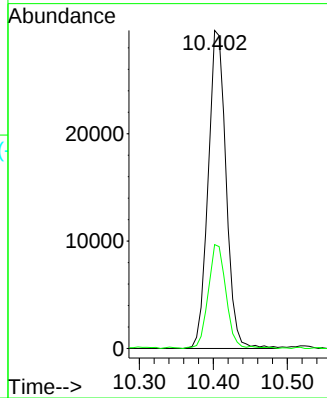
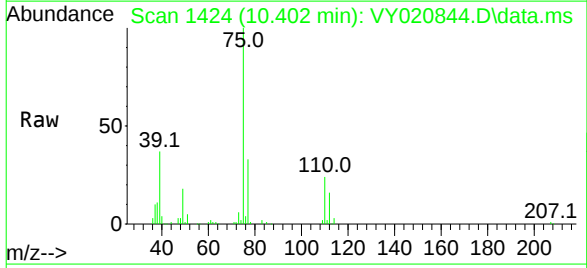
#53
t-1,3-Dichloropropene
Concen: 18.544 ug/l
RT: 10.402 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion: 75 Resp: 49815
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8

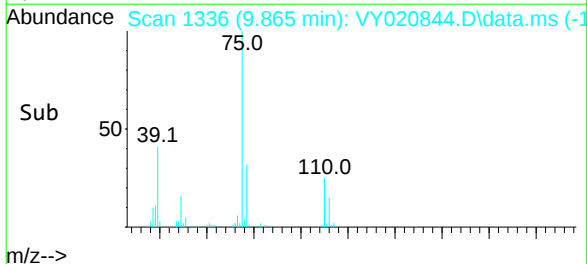
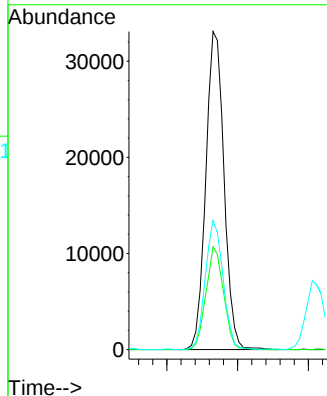
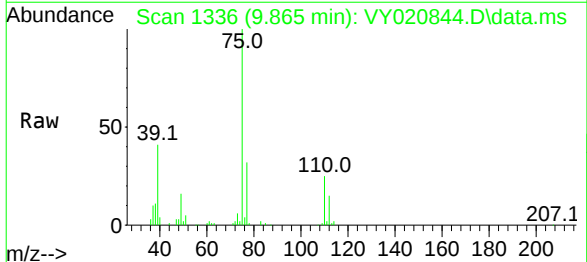
Manual Integrations
APPROVED

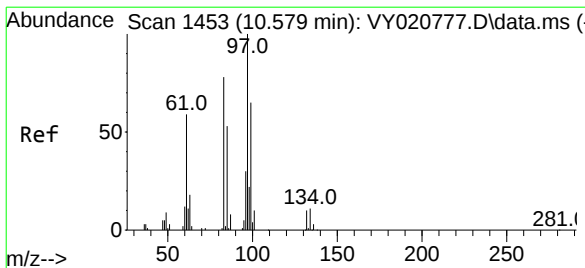
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#54
cis-1,3-Dichloropropene
Concen: 18.963 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 75 Resp: 59160
Ion Ratio Lower Upper
75 100
77 32.3 24.5 36.7
39 40.6 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 19.466 ug/l

RT: 10.585 min Scan# 1453

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tgt Ion: 97 Resp: 29329

Ion Ratio Lower Upper

97 100

83 81.2 62.8 94.2

85 51.8 42.4 63.6

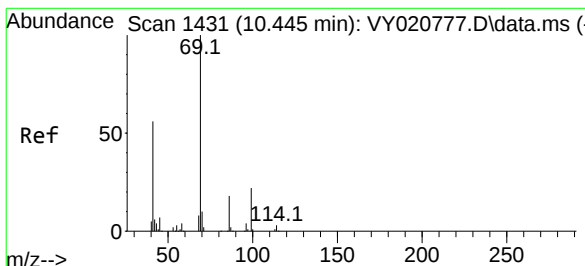
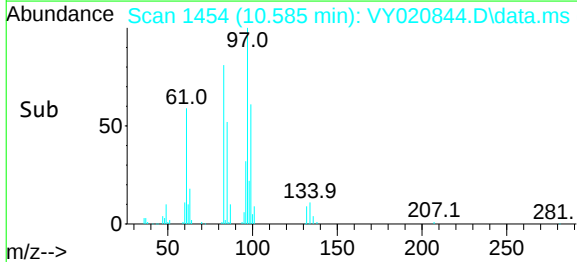
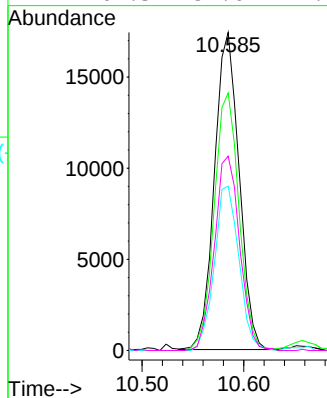
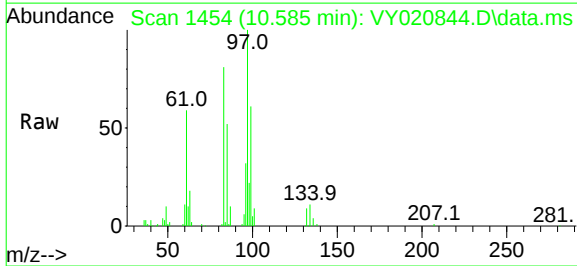
99 61.3 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#56

Ethyl methacrylate

Concen: 18.342 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

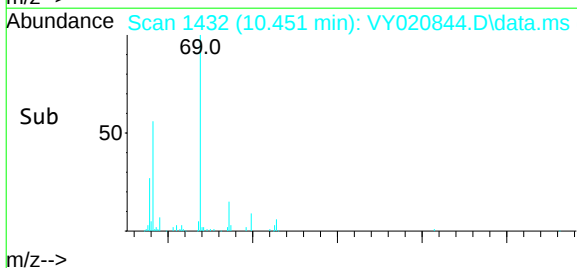
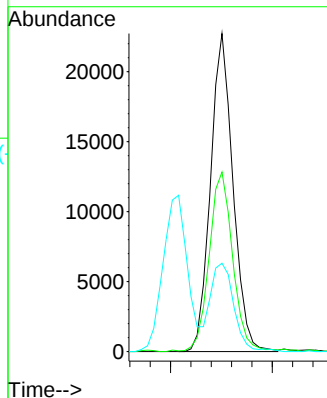
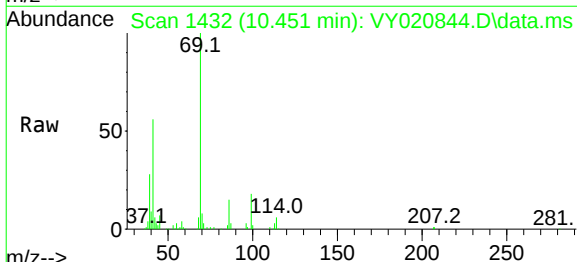
Tgt Ion: 69 Resp: 34901

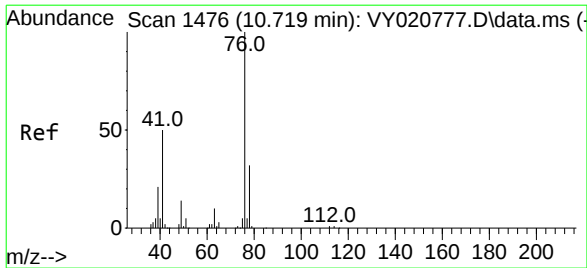
Ion Ratio Lower Upper

69 100

41 59.5 46.6 69.8

39 30.4 25.7 38.5





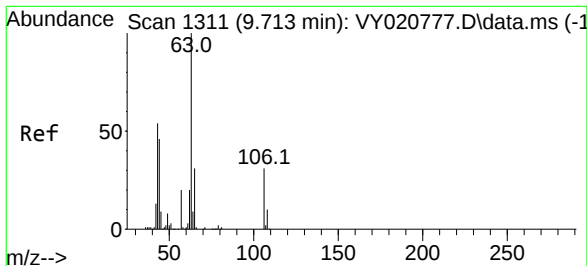
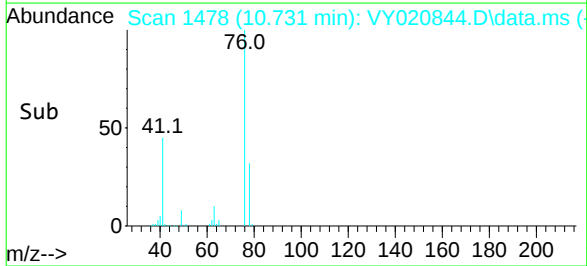
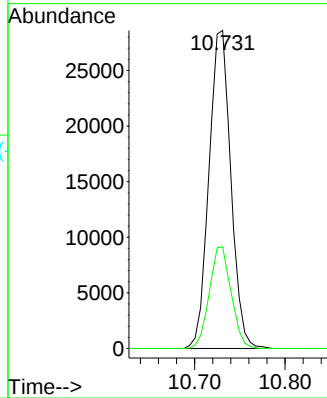
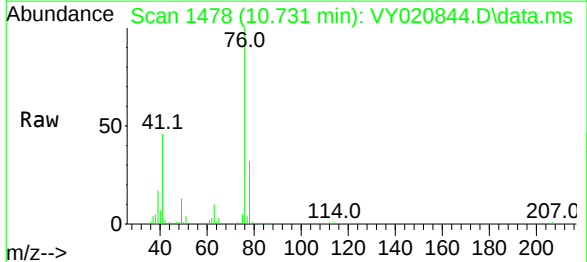
#57
1,3-Dichloropropane
Concen: 19.587 ug/l
RT: 10.731 min Scan# 1476
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion: 76 Resp: 48103
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

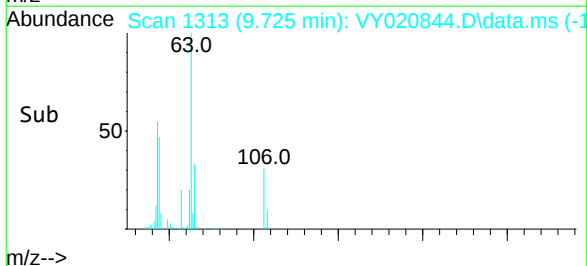
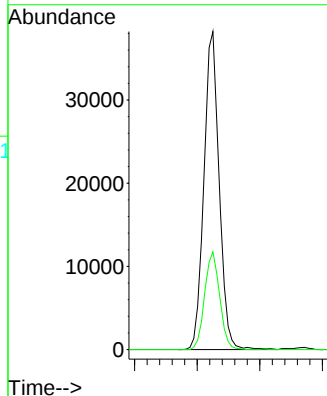
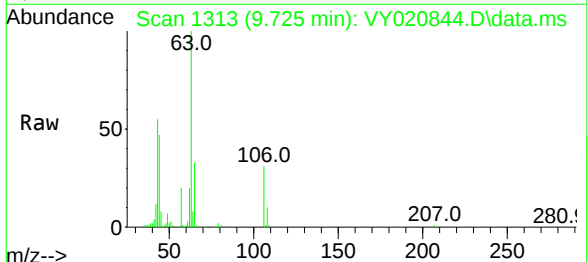
Manual Integrations
APPROVED

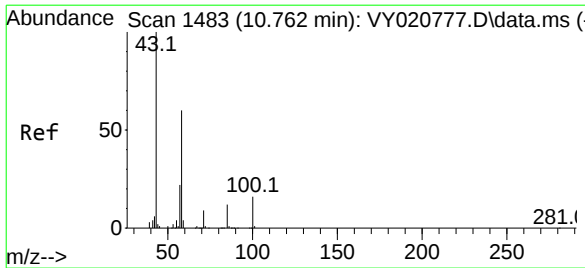
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 85.663 ug/l
RT: 9.725 min Scan# 1313
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 63 Resp: 64662
Ion Ratio Lower Upper
63 100
106 30.2 25.9 38.9





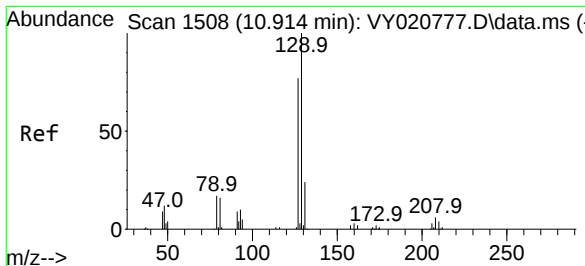
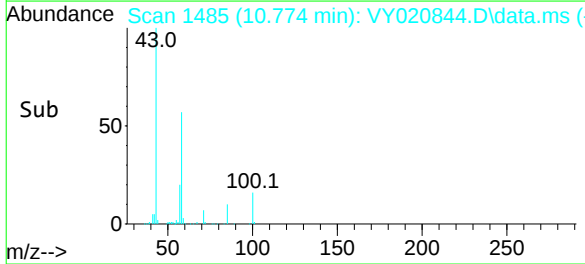
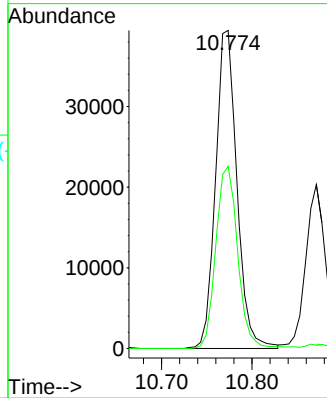
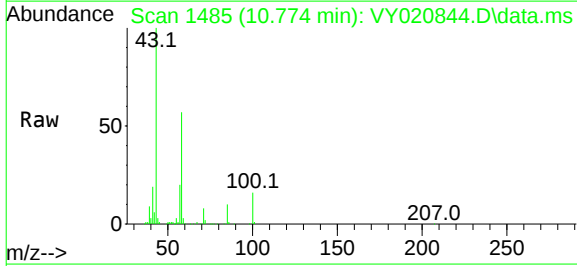
#59
2-Hexanone
Concen: 94.413 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion: 43 Resp: 64650
Ion Ratio Lower Upper
43 100
58 58.6 30.6 92.0

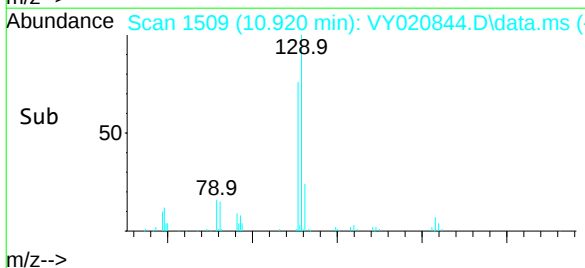
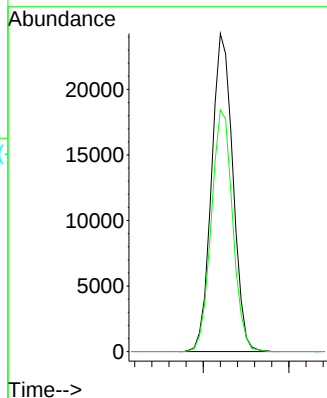
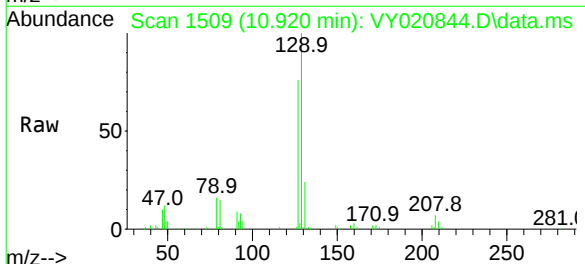
Manual Integrations
APPROVED

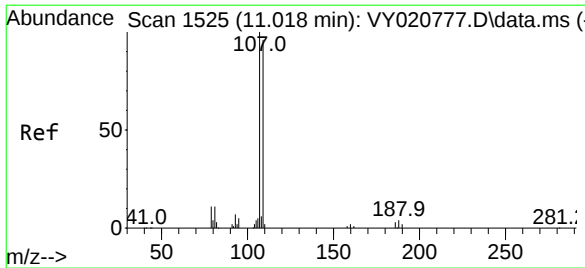
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#60
Dibromochloromethane
Concen: 19.151 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion:129 Resp: 41847
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9





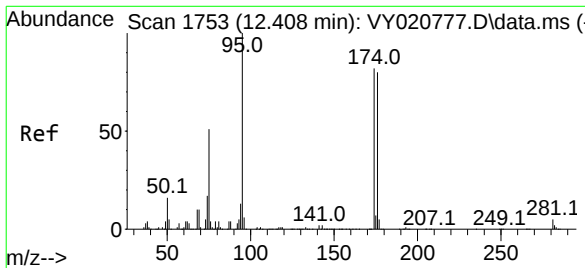
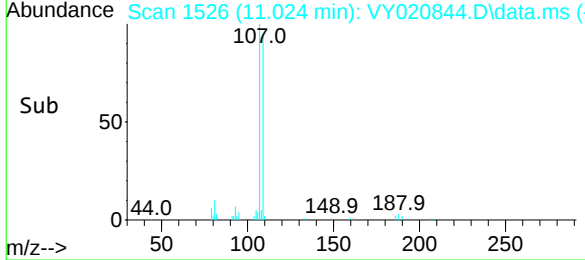
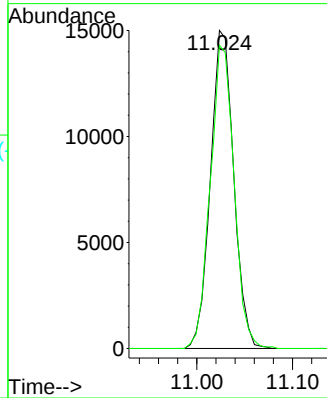
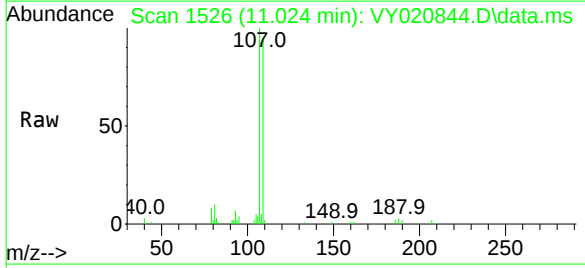
#61
1,2-Dibromoethane
Concen: 18.754 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion: 107 Resp: 25367
Ion Ratio Lower Upper
107 100
109 97.3 75.5 113.3

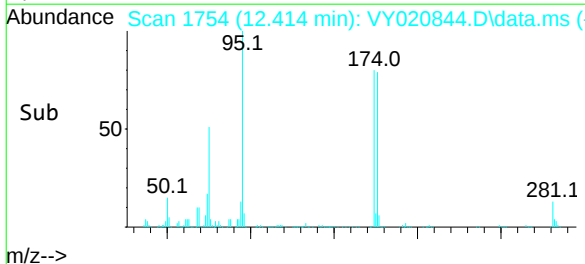
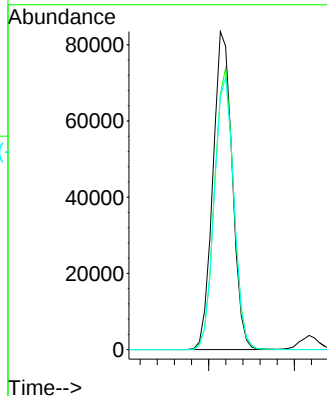
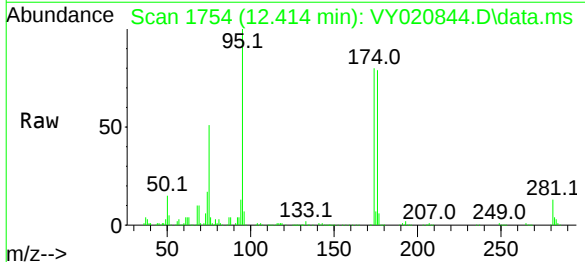
Manual Integrations
APPROVED

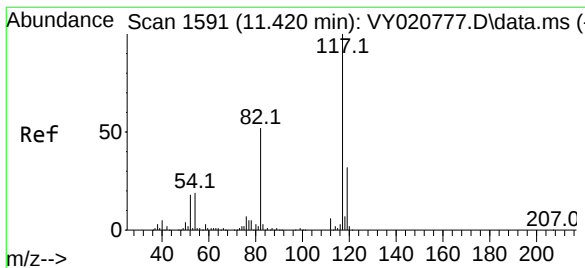
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#62
4-Bromofluorobenzene
Concen: 49.163 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 95 Resp: 130972
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.0
176 86.4 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

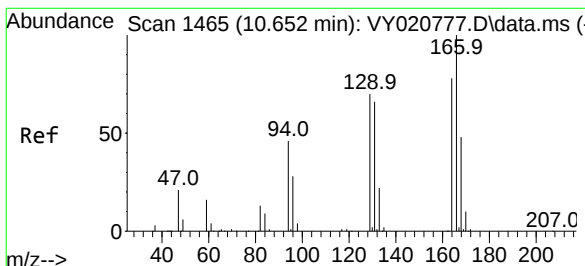
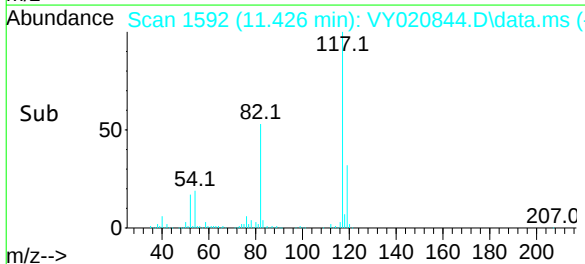
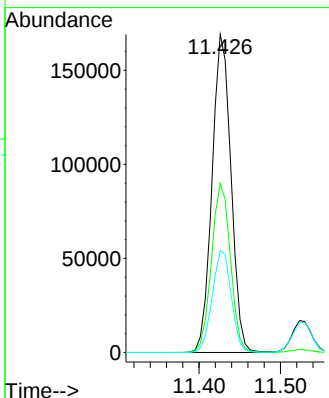
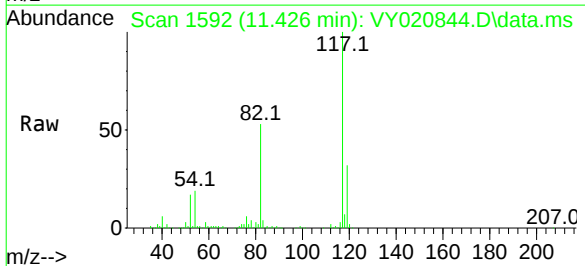
ClientSampleId :

VY0117SBS01

Tgt Ion:	117	Resp:	273627
Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.6
119	32.0	25.8	38.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#64

Tetrachloroethene

Concen: 18.927 ug/l

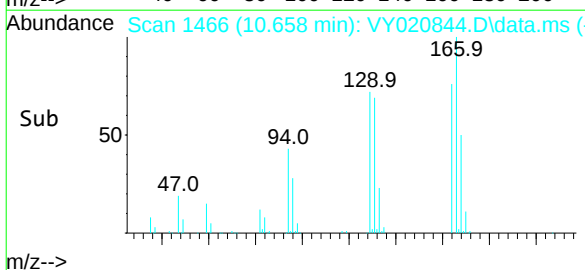
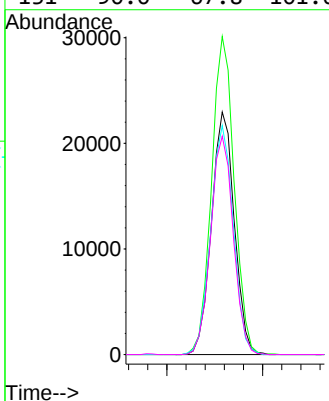
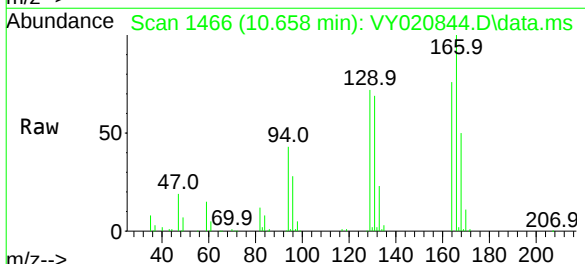
RT: 10.658 min Scan# 1466

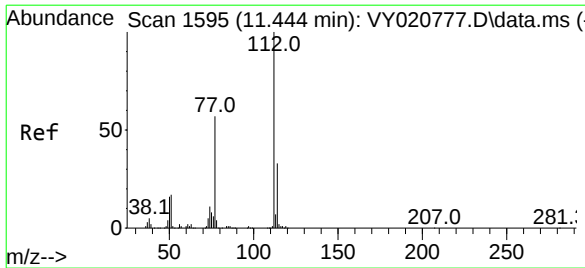
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:	164	Resp:	38077
Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.0	153.0
129	94.4	71.4	107.2
131	90.0	67.8	101.6





#65

Chlorobenzene

Concen: 19.309 ug/l

RT: 11.450 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tgt Ion:112 Resp: 116816

Ion Ratio Lower Upper

112 100

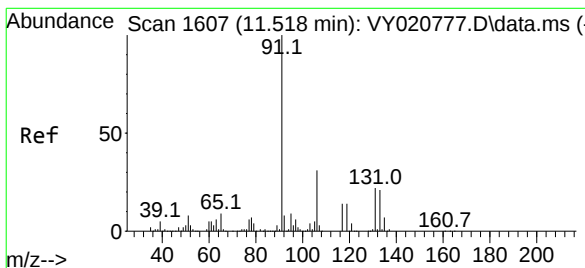
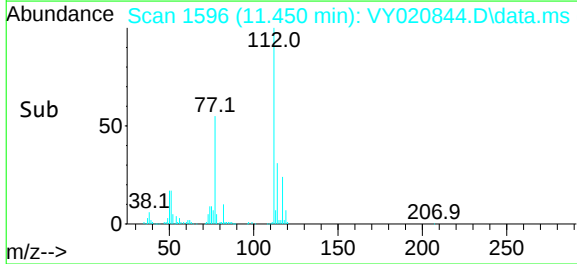
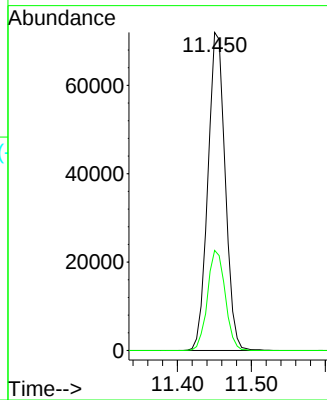
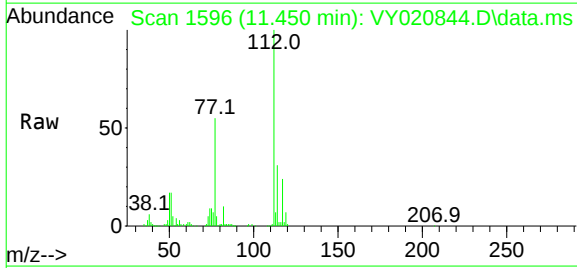
114 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 19.217 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

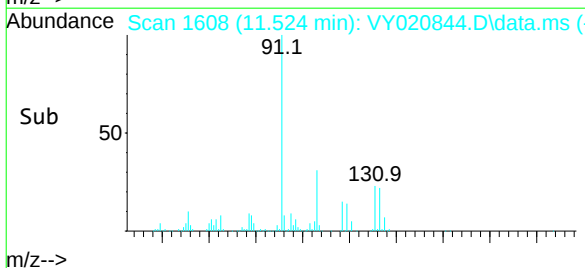
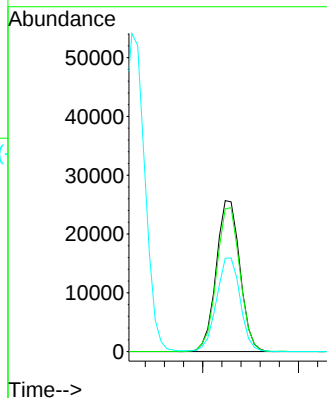
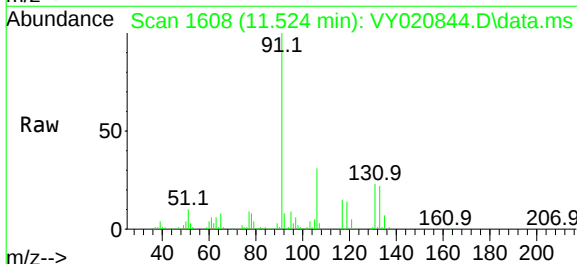
Tgt Ion:131 Resp: 44260

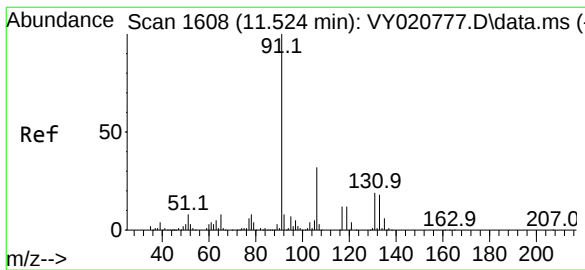
Ion Ratio Lower Upper

131 100

133 94.1 46.9 140.8

119 61.8 30.2 90.6





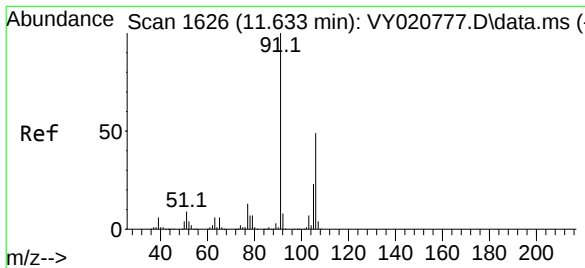
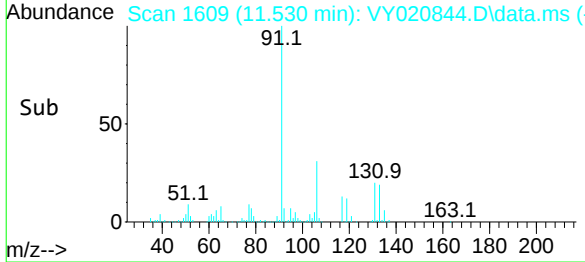
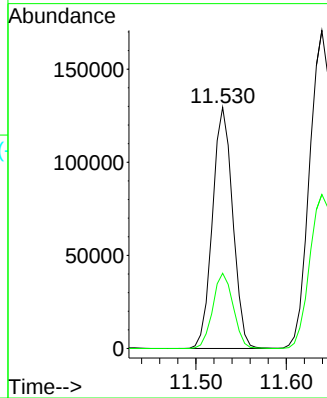
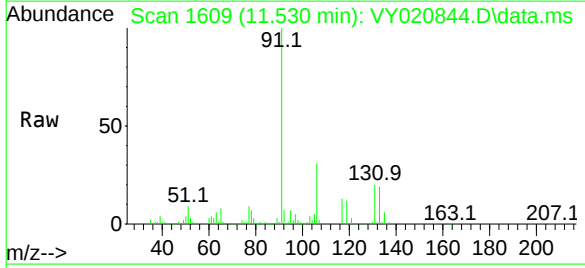
#67
Ethyl Benzene
Concen: 19.251 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion: 91 Resp: 201638
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

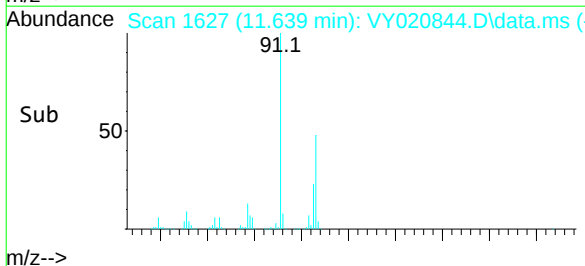
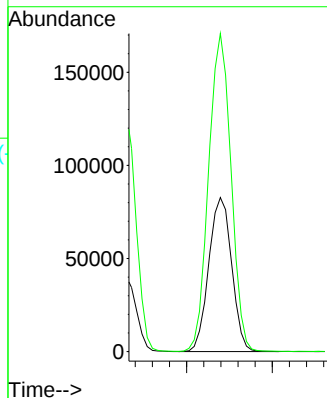
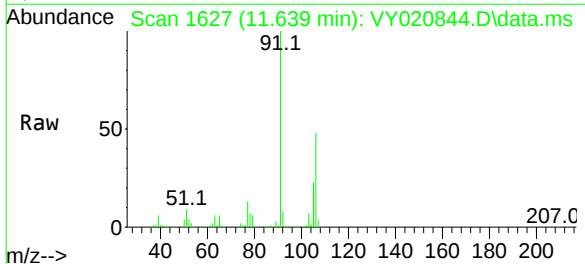
Manual Integrations
APPROVED

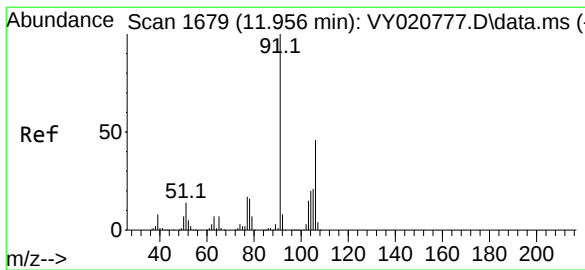
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#68
m/p-Xylenes
Concen: 38.125 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

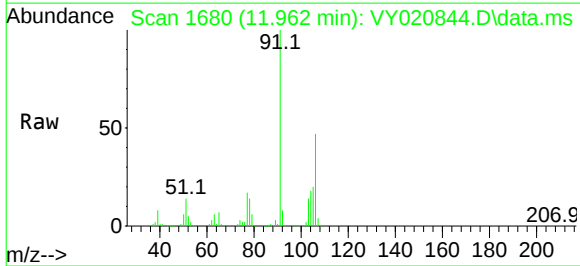
Tgt Ion:106 Resp: 153750
Ion Ratio Lower Upper
106 100
91 201.8 162.6 243.8





#69
o-Xylene
Concen: 19.159 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

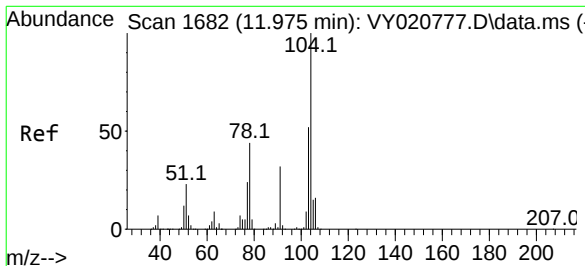
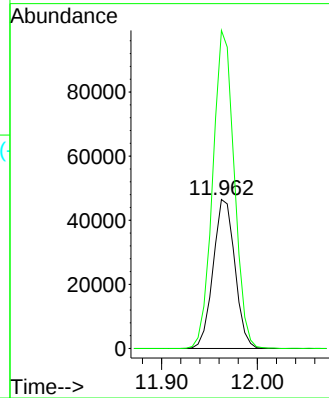
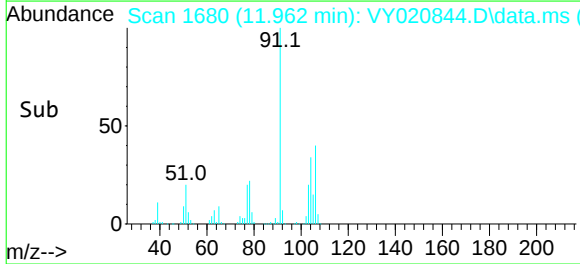
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



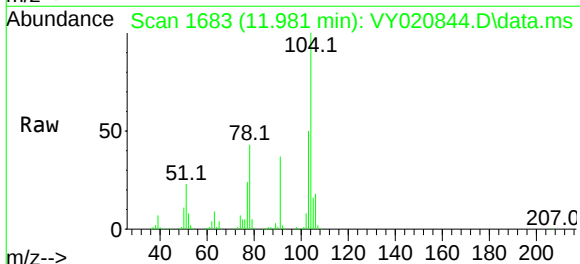
Tgt Ion:106 Resp: 73259
Ion Ratio Lower Upper
106 100
91 210.8 108.2 324.6

Manual Integrations
APPROVED

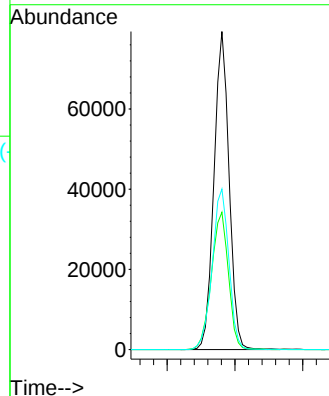
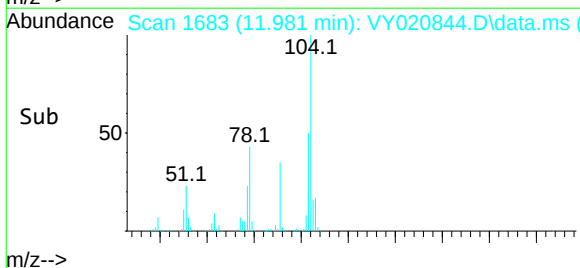
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

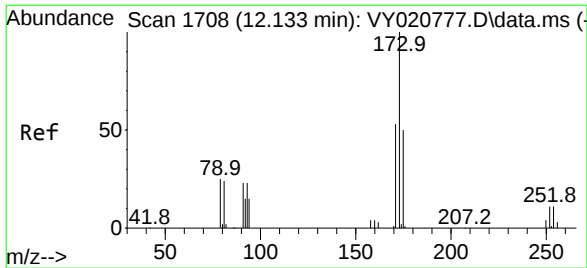


#70
Styrene
Concen: 19.092 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35



Tgt Ion:104 Resp: 122887
Ion Ratio Lower Upper
104 100
78 48.6 39.4 59.2
103 55.5 44.0 66.0





#71

Bromoform

Concen: 18.842 ug/l

RT: 12.145 min Scan# 17

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

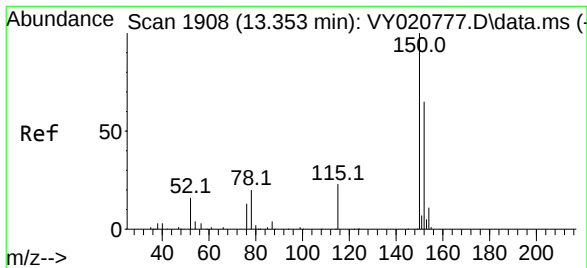
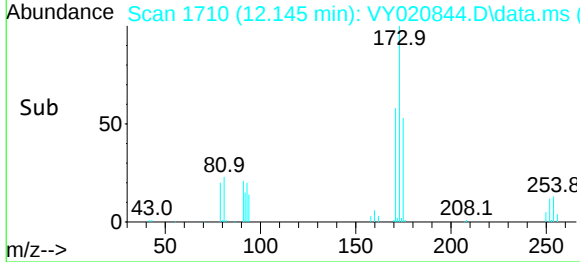
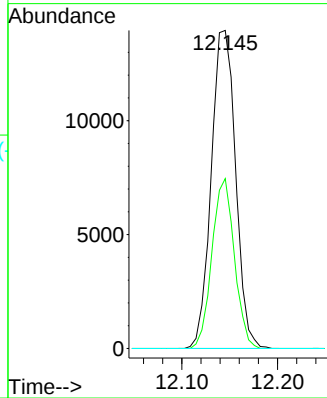
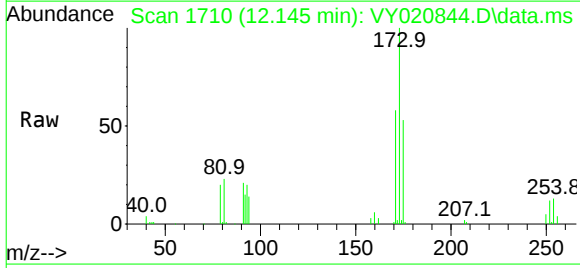
VY0117SBS01

Tgt	Ion:173	Resp:	24669
Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

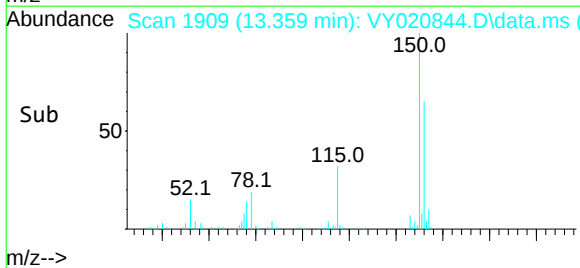
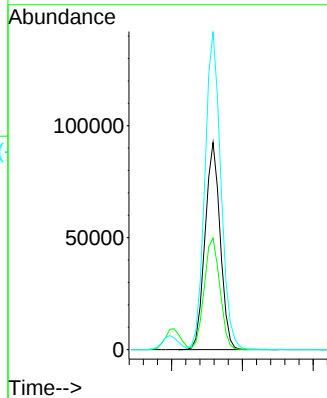
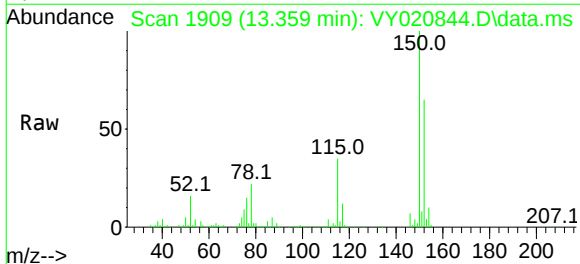
RT: 13.359 min Scan# 1909

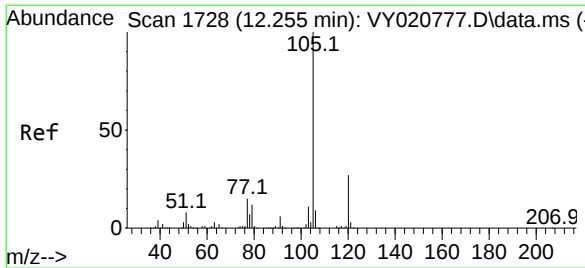
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt	Ion:152	Resp:	137408
Ion	Ratio	Lower	Upper
152	100		
115	55.6	29.0	87.0
150	162.0	0.0	347.4





#73

Isopropylbenzene

Concen: 18.805 ug/l

RT: 12.267 min Scan# 17

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tgt Ion:105 Resp: 204987

Ion Ratio Lower Upper

105 100

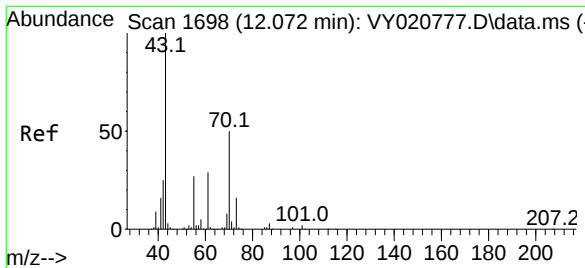
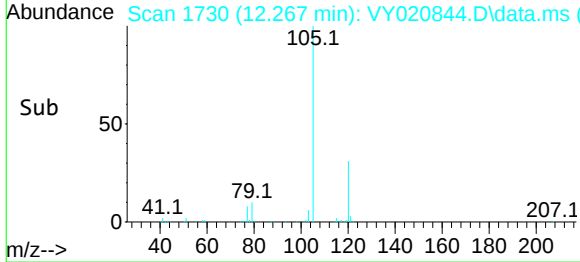
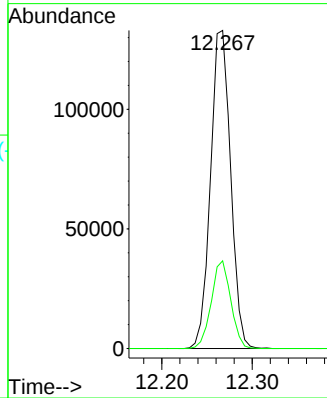
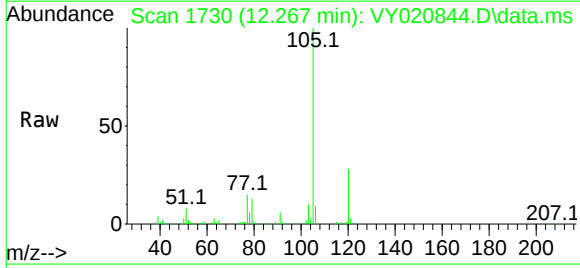
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#74

N-aryl acetate

Concen: 18.789 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion: 43 Resp: 33502

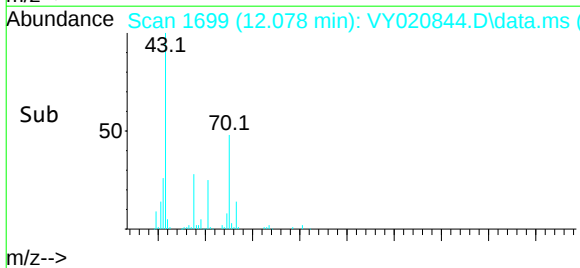
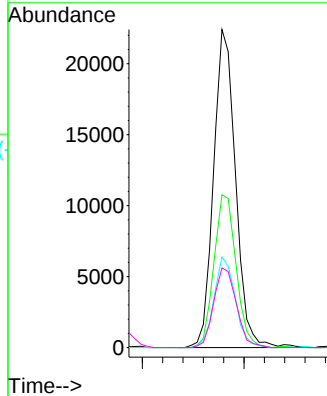
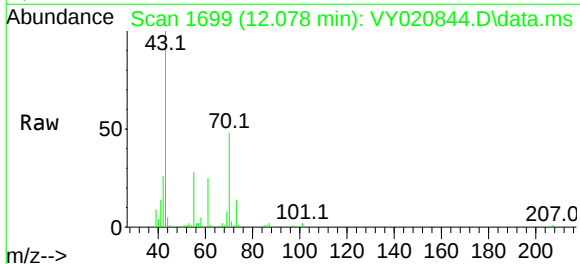
Ion Ratio Lower Upper

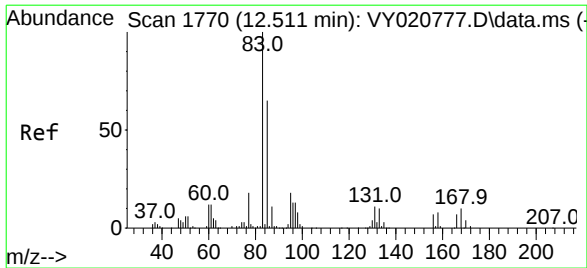
43 100

70 48.6 40.2 60.4

55 27.7 21.2 31.8

61 25.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.858 ug/l

RT: 12.517 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

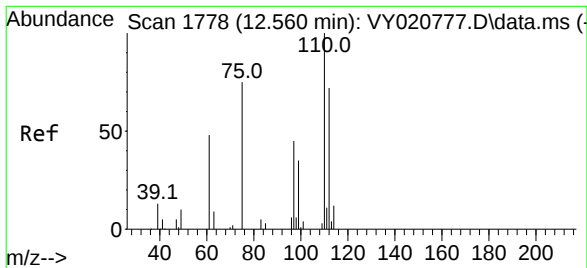
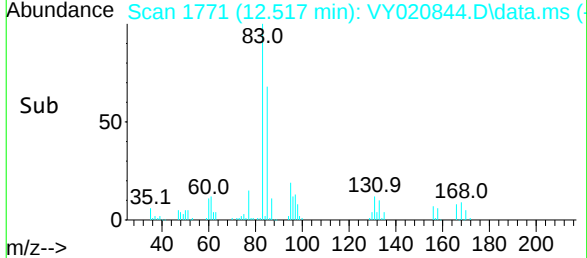
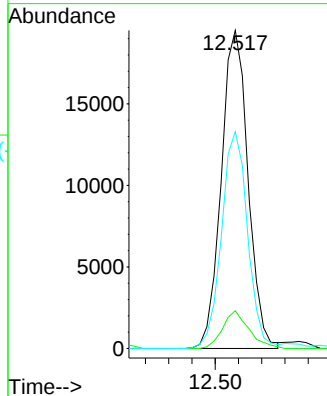
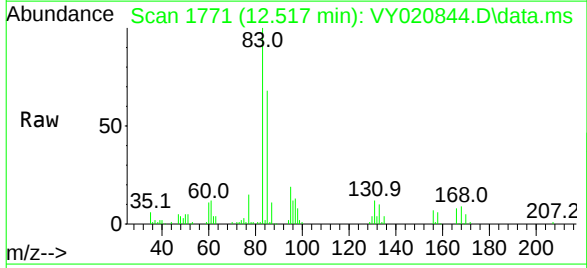
VY0117SBS01

Tgt Ion: 83	Resp: 31157
Ion Ratio	Lower Upper
83 100	
131 11.7	6.0 18.0
85 66.3	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#76

1,2,3-Trichloropropane

Concen: 17.998 ug/l m

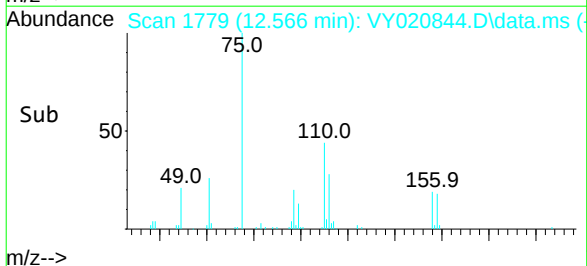
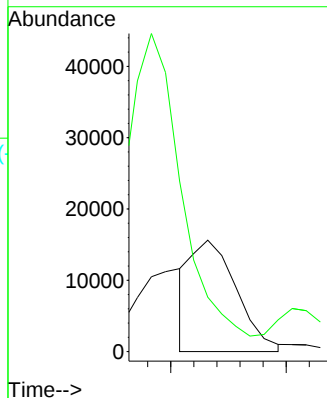
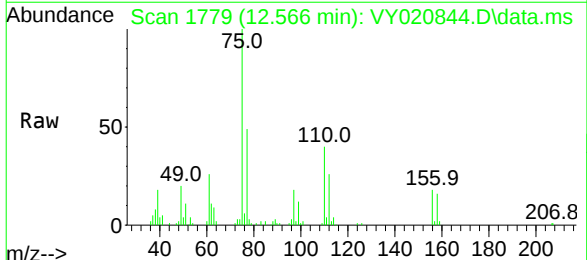
RT: 12.566 min Scan# 1779

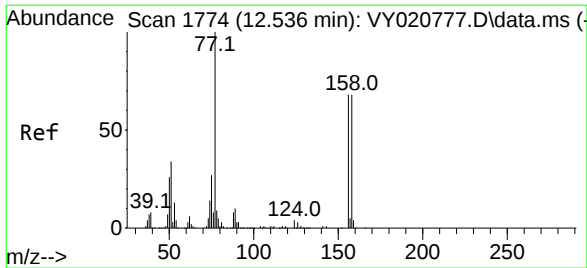
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion: 75	Resp: 21639
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 18.505 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

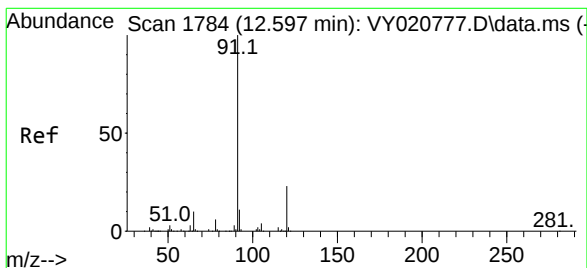
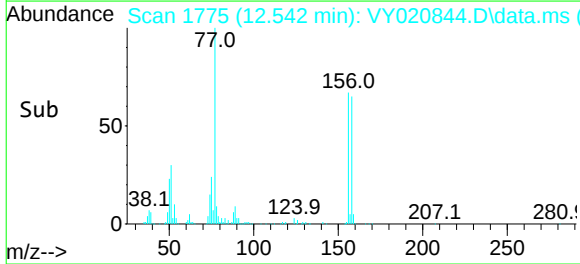
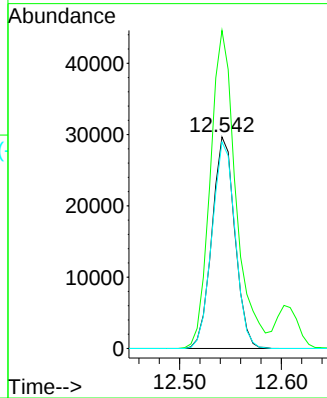
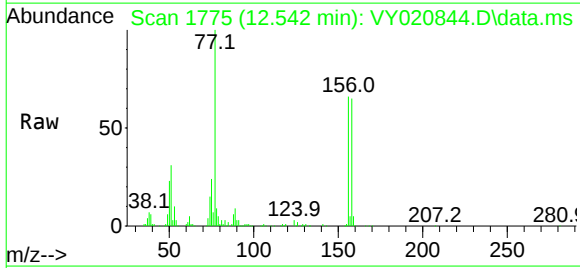
VY0117SBS01

Tgt Ion:	156	Resp:	46507
Ion Ratio	Lower	Upper	
156	100		
77	167.8	82.3	247.0
158	98.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#78

n-propylbenzene

Concen: 19.316 ug/l

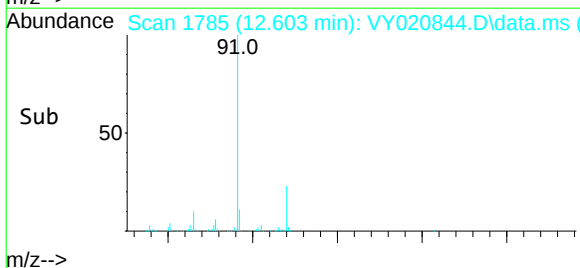
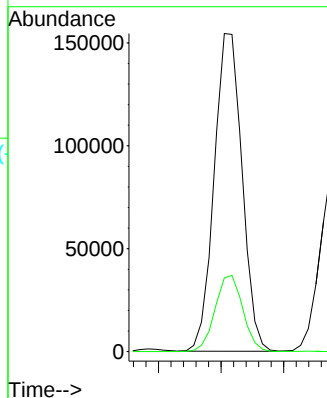
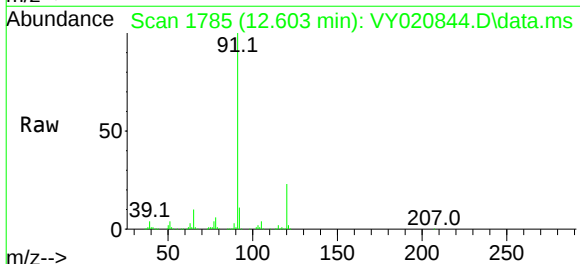
RT: 12.603 min Scan# 1785

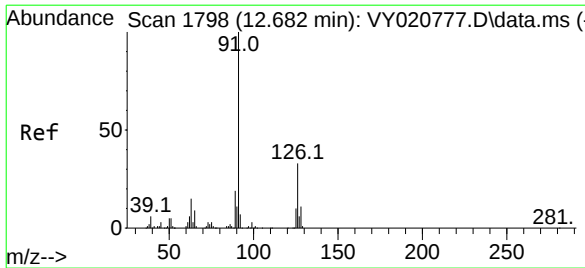
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:	91	Resp:	239000
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.0	36.1





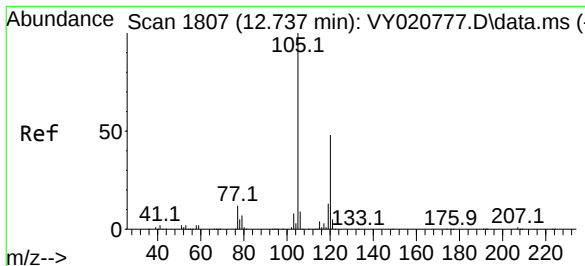
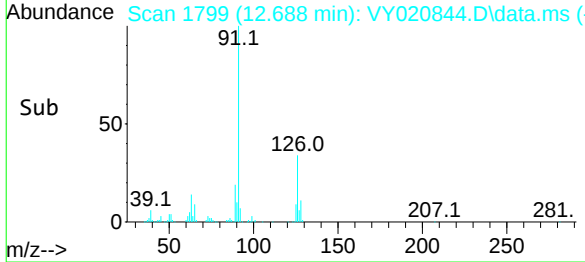
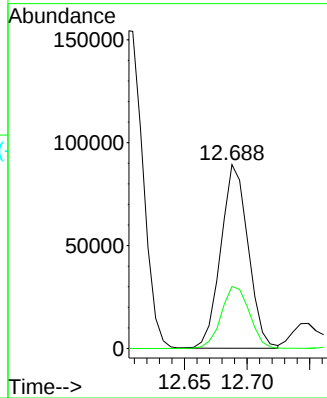
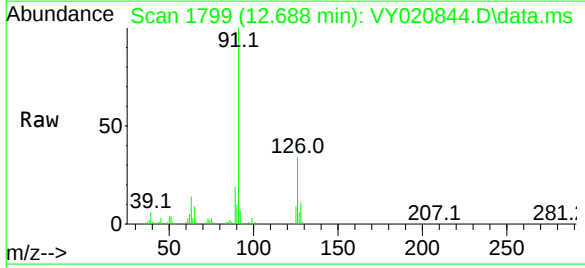
#79
2-Chlorotoluene
Concen: 19.042 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion: 91 Resp: 135678
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.6

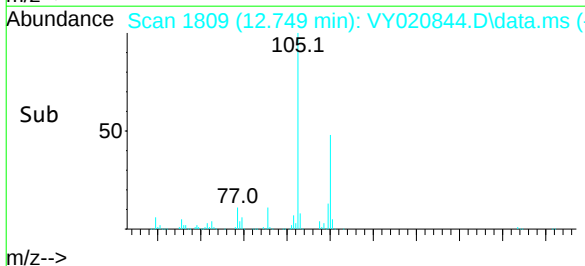
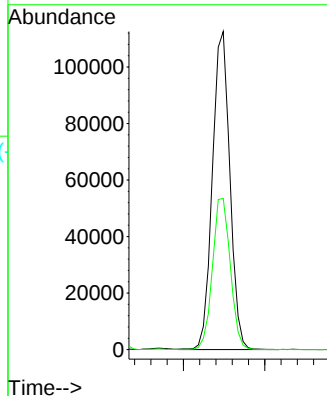
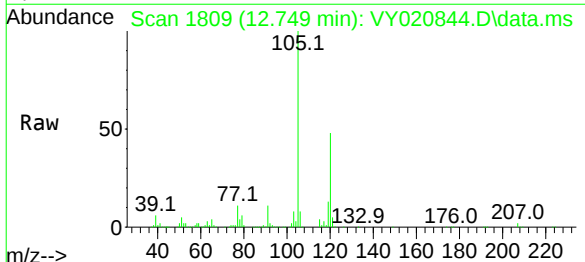
Manual Integrations
APPROVED

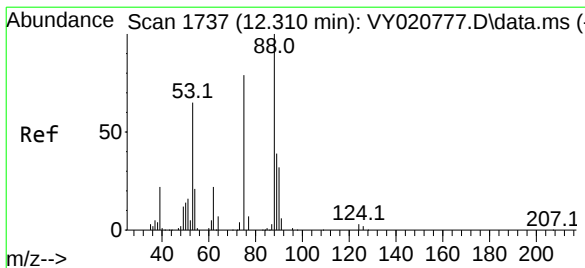
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.018 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

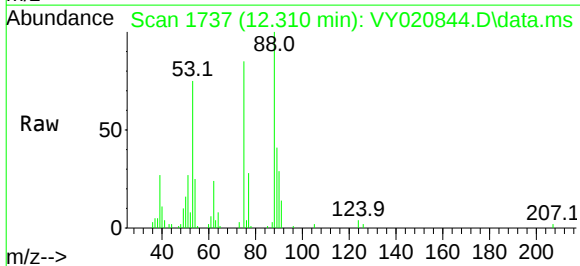
Tgt Ion:105 Resp: 168012
Ion Ratio Lower Upper
105 100
120 48.6 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 18.316 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

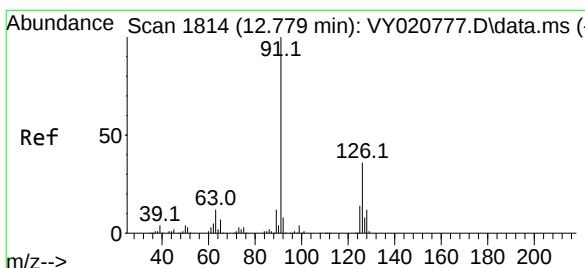
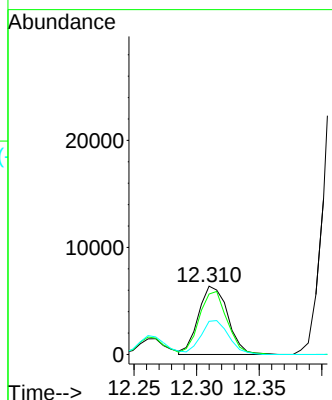
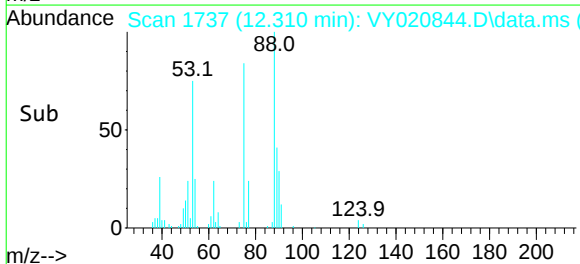
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 75 Resp: 10444
Ion Ratio Lower Upper
75 100
53 87.8 69.4 104.0
89 46.6 39.6 59.4

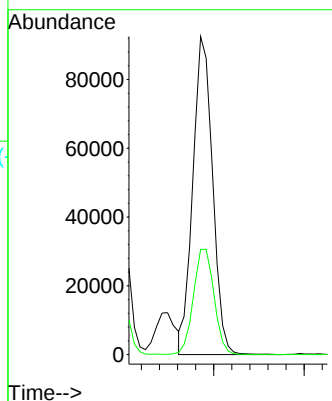
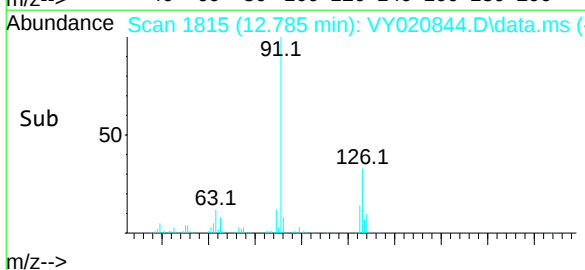
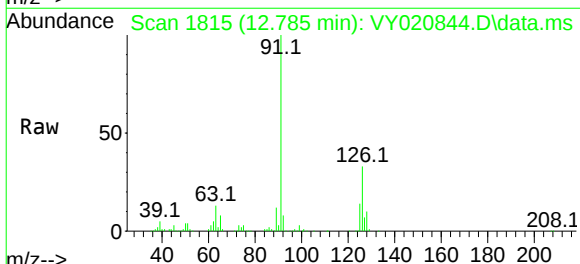
Manual Integrations
APPROVED

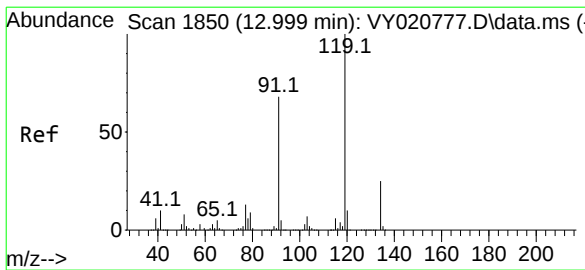
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#82
4-Chlorotoluene
Concen: 19.046 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 91 Resp: 140049
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7





#83

tert-Butylbenzene

Concen: 19.450 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

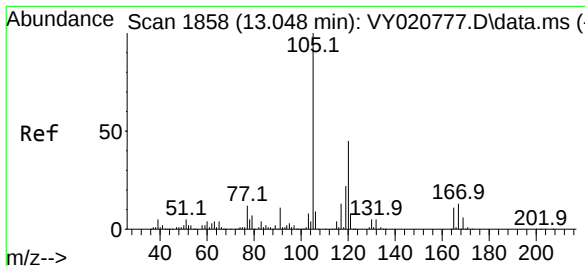
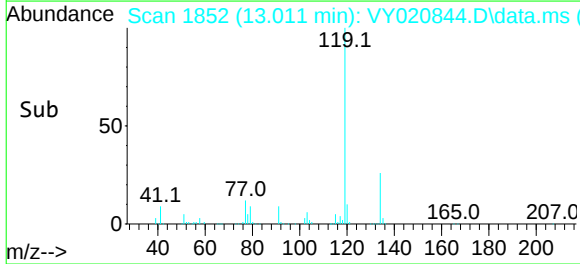
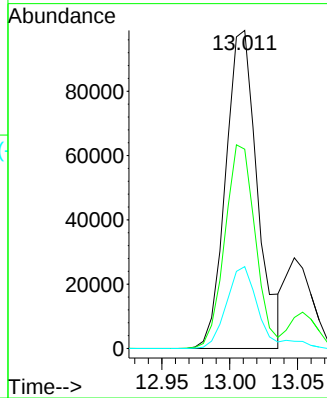
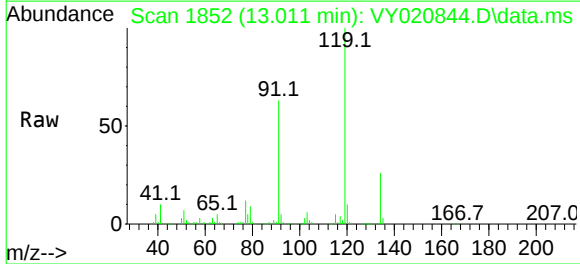
ClientSampleId :

VY0117SBS01

Tgt Ion:	119	Resp:	160711
Ion	Ratio	Lower	Upper
119	100		
91	61.7	33.0	98.9
134	26.6	13.7	41.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 18.837 ug/l

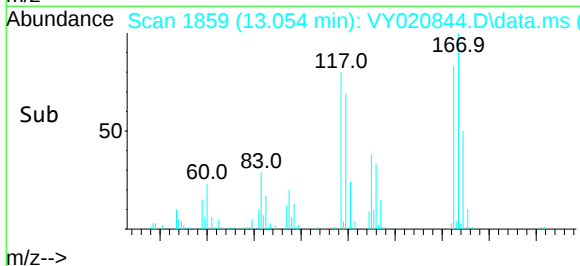
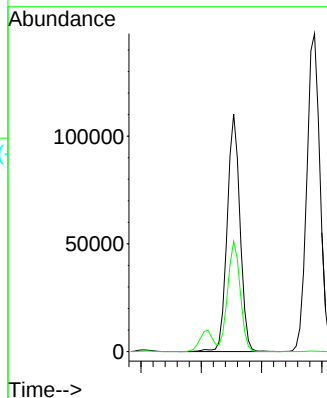
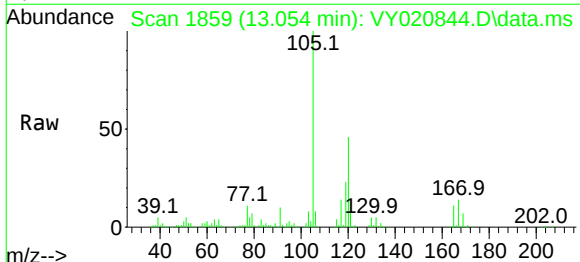
RT: 13.054 min Scan# 1859

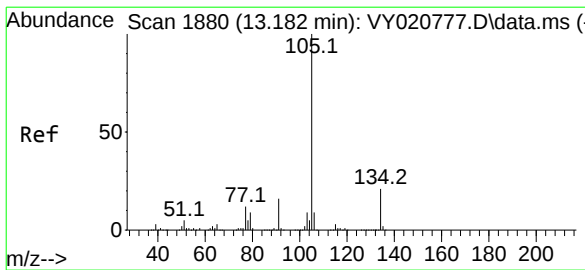
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:	105	Resp:	162502
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.2





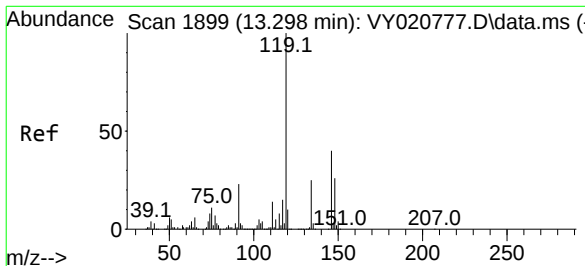
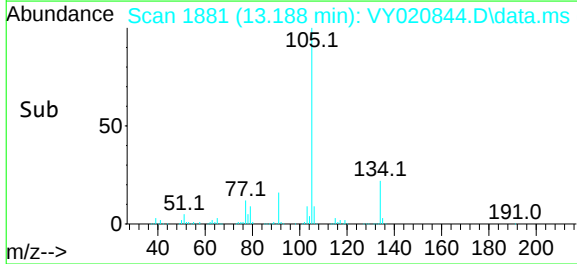
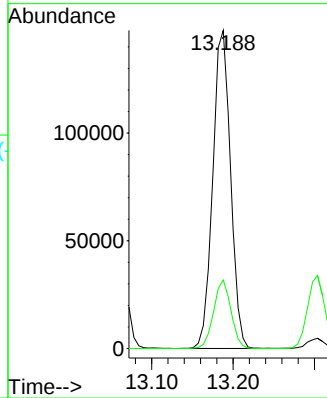
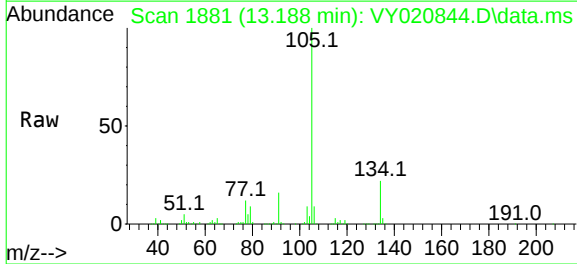
#85
sec-Butylbenzene
Concen: 19.411 ug/l
RT: 13.188 min Scan# 18
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion:105 Resp: 224021
Ion Ratio Lower Upper
105 100
134 21.0 10.5 31.5

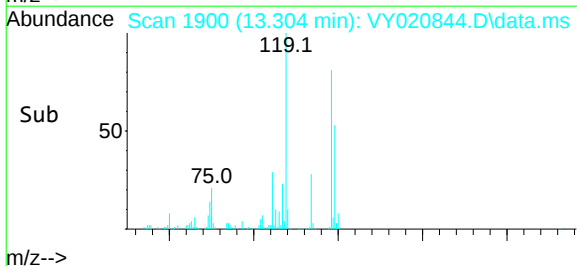
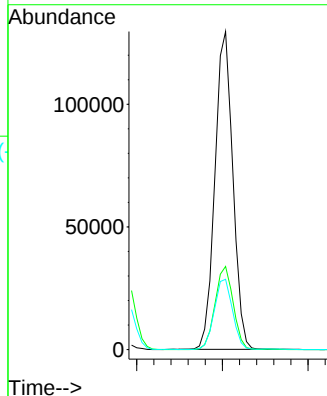
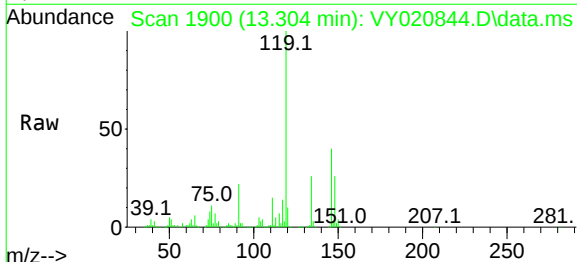
Manual Integrations
APPROVED

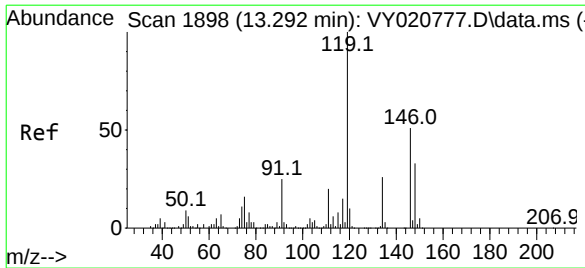
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#86
p-Isopropyltoluene
Concen: 19.102 ug/l
RT: 13.304 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion:119 Resp: 188068
Ion Ratio Lower Upper
119 100
134 26.5 13.0 38.9
91 22.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 18.883 ug/l

RT: 13.298 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

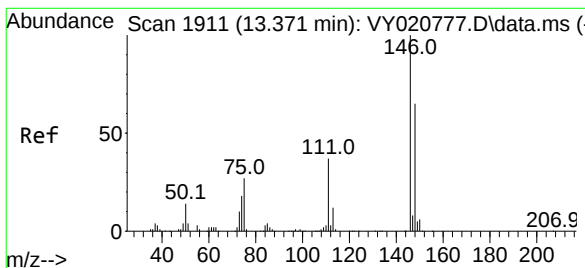
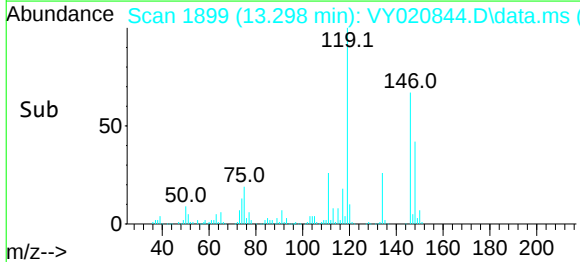
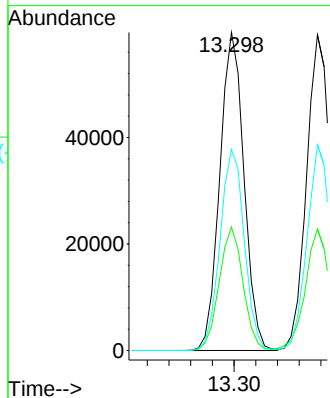
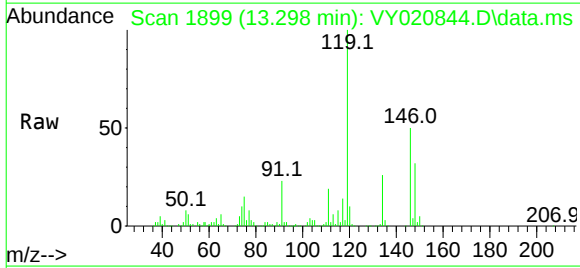
VY0117SBS01

Tgt Ion:	146	Resp:	92213
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.5	58.5
148	63.5	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#88

1,4-Dichlorobenzene

Concen: 18.992 ug/l

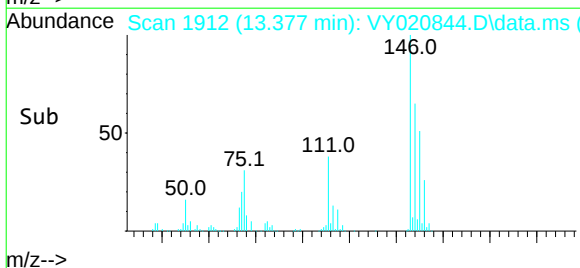
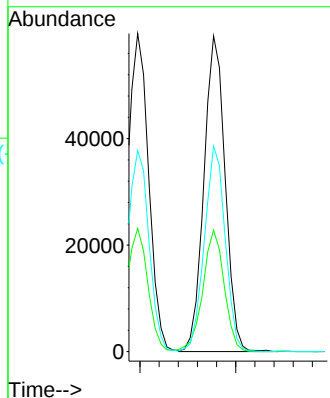
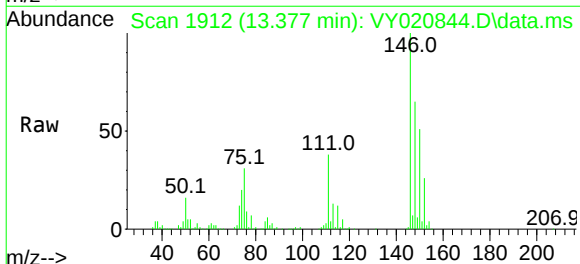
RT: 13.377 min Scan# 1912

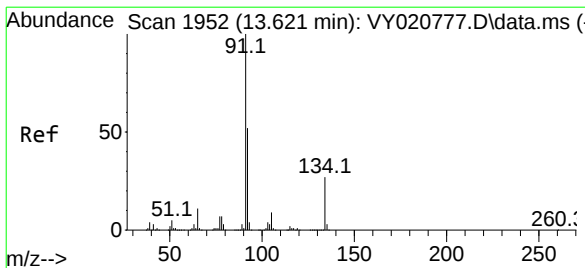
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:	146	Resp:	91292
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.1	57.3
148	64.0	32.1	96.5





#89

n-Butylbenzene

Concen: 19.315 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

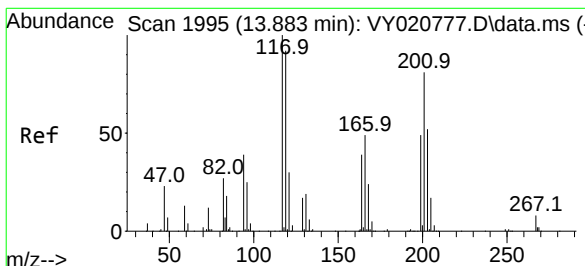
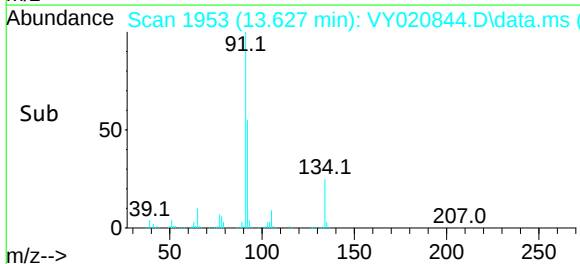
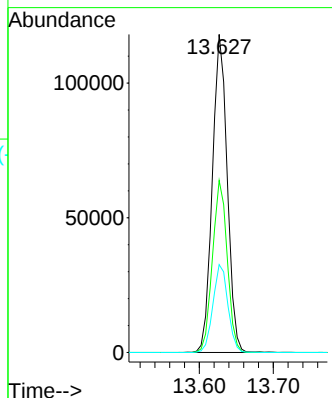
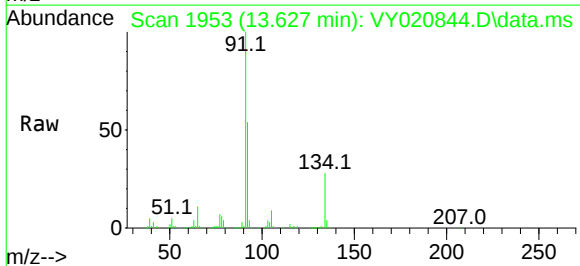
VY0117SBS01

Tgt Ion:	91	Resp:	164972
Ion Ratio	Lower	Upper	
91	100		
92	53.6	26.5	79.4
134	27.8	13.8	41.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#90

Hexachloroethane

Concen: 18.522 ug/l

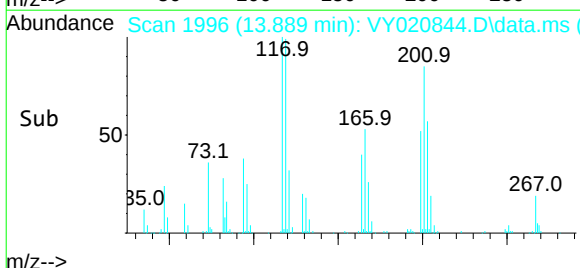
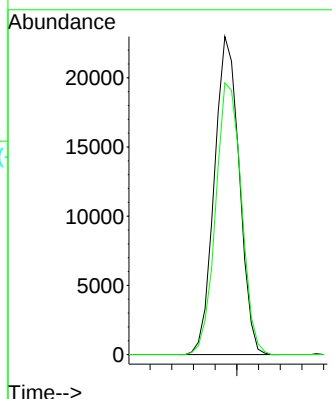
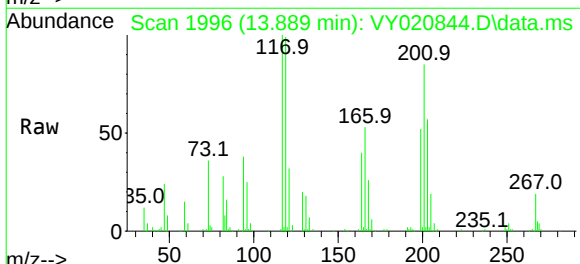
RT: 13.889 min Scan# 1996

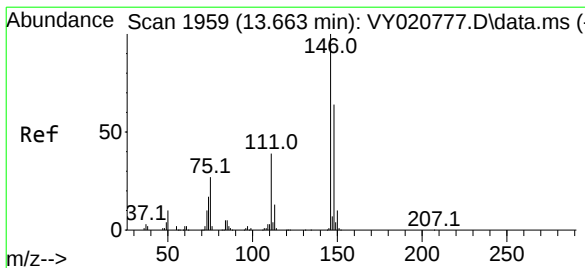
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:	117	Resp:	36617
Ion Ratio	Lower	Upper	
117	100		
201	88.3	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 18.837 ug/l

RT: 13.669 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

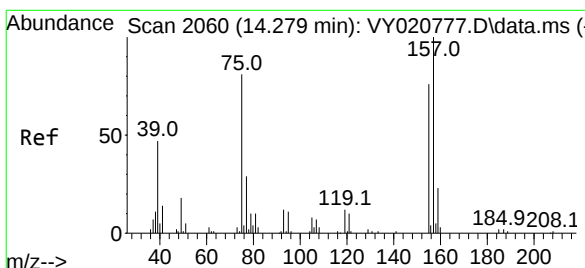
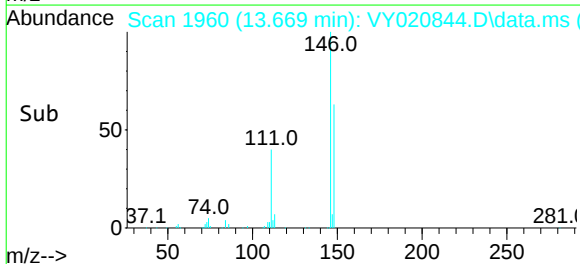
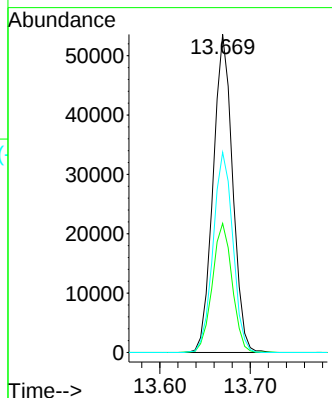
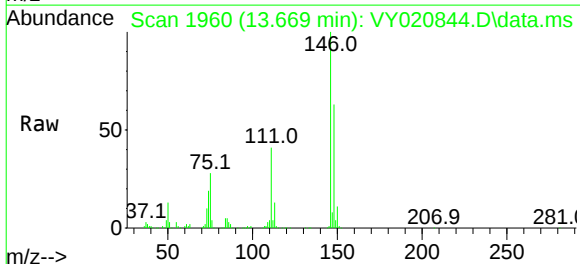
ClientSampleId :

VY0117SBS01

Tgt Ion:	146	Resp:	80428
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.0	60.0
148	63.5	32.0	96.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.003 ug/l

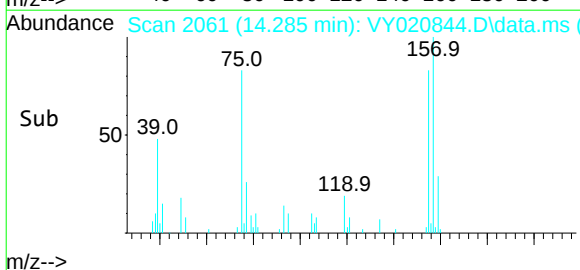
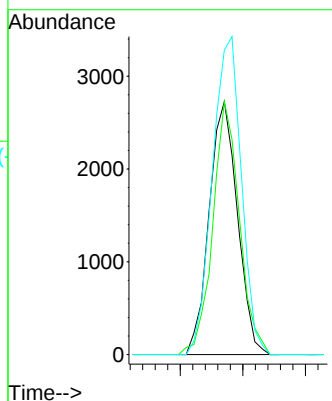
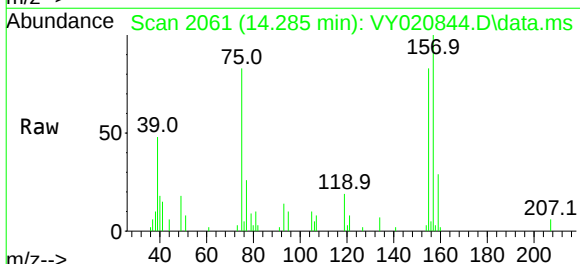
RT: 14.285 min Scan# 2061

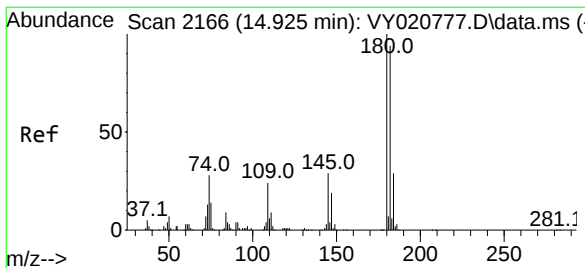
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:	75	Resp:	4275
Ion Ratio	Lower	Upper	
75	100		
155	94.0	45.5	136.5
157	129.0	59.7	179.0





#93

1,2,4-Trichlorobenzene

Concen: 18.329 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

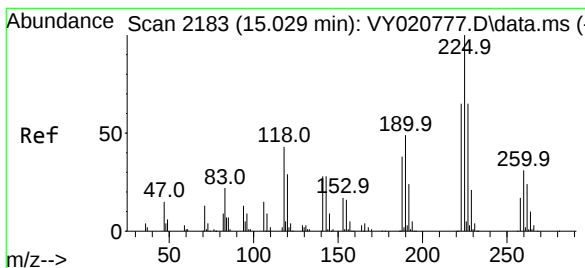
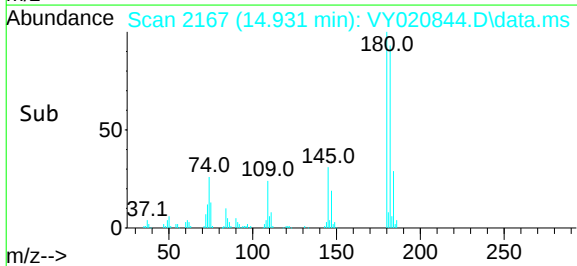
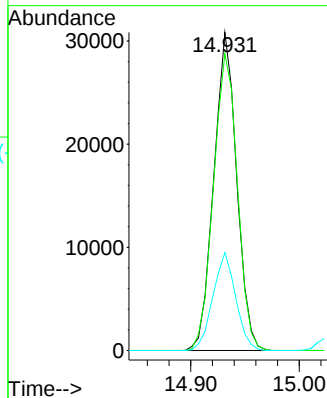
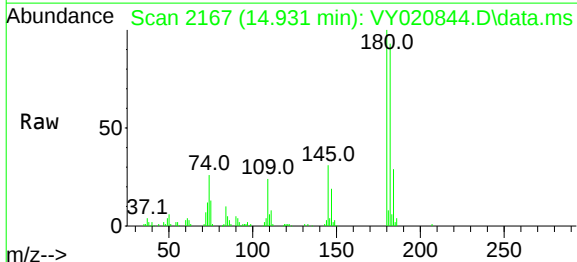
VY0117SBS01

Tgt Ion:	180	Resp:	45039
Ion Ratio	Lower	Upper	
180	100		
182	97.7	47.6	142.9
145	30.7	15.0	45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#94

Hexachlorobutadiene

Concen: 18.878 ug/l

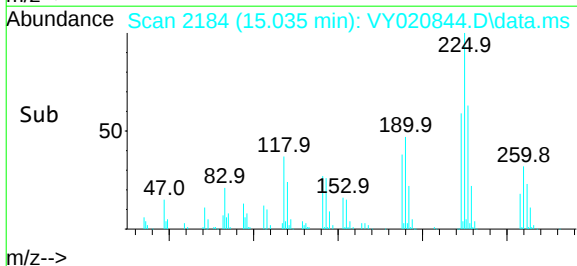
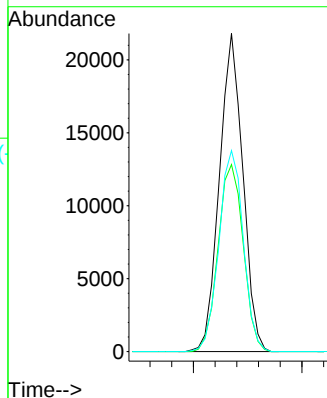
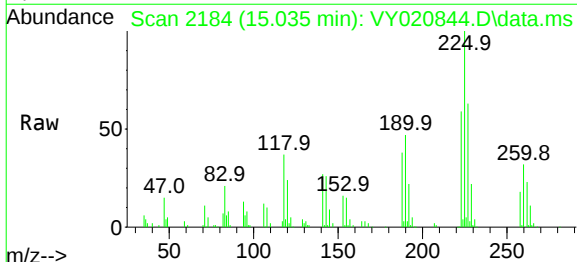
RT: 15.035 min Scan# 2184

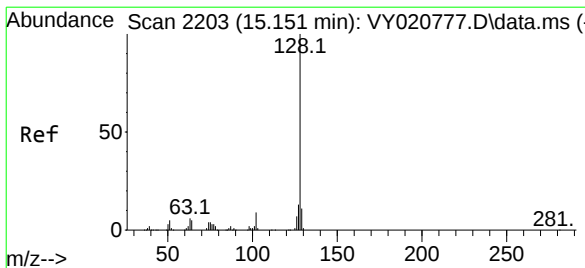
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:	225	Resp:	32702
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.6	94.8
227	65.7	32.2	96.6





#95

Naphthalene

Concen: 17.831 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

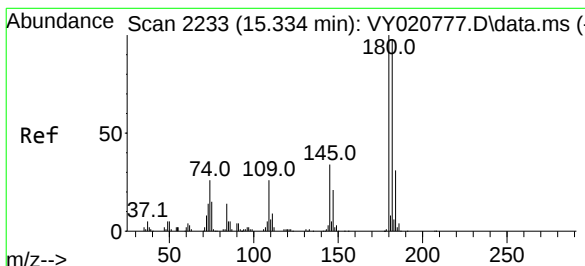
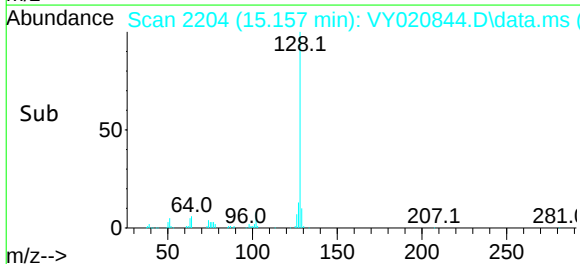
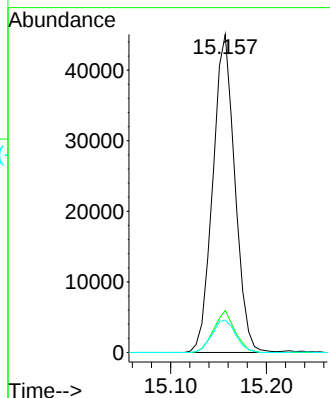
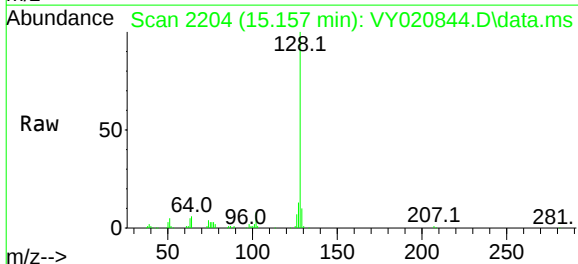
VY0117SBS01

Tgt Ion:	128	Resp:	72114
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.732 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:	180	Resp:	38564
Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.1	144.3
145	31.8	16.1	48.2

