

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
 Data File : VY022236.D
 Acq On : 13 May 2025 12:04
 Operator : SY/MD
 Sample : VY0513SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025

Quant Time: May 14 04:34:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	210051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	325473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	293284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	157507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103135	53.157	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.320%			
35) Dibromofluoromethane	7.634	113	114975	53.471	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.940%			
50) Toluene-d8	10.103	98	427429	52.727	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.460%			
62) 4-Bromofluorobenzene	12.402	95	140724	51.567	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	35608	19.895	ug/l	94
3) Chloromethane	2.062	50	58967	23.138	ug/l	100
4) Vinyl Chloride	2.202	62	72458	23.136	ug/l	95
5) Bromomethane	2.586	94	59981	22.230	ug/l	100
6) Chloroethane	2.726	64	48225	22.610	ug/l	96
7) Trichlorofluoromethane	3.056	101	90319	21.870	ug/l	94
8) Diethyl Ether	3.452	74	22498	20.931	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.812	101	49273	21.994	ug/l	100
10) Methyl Iodide	4.001	142	54930	21.178	ug/l	99
11) Tert butyl alcohol	4.866	59	11762	110.425	ug/l	96
12) 1,1-Dichloroethene	3.787	96	44845	21.476	ug/l	97
13) Acrolein	3.653	56	7269	38.023	ug/l	95
14) Allyl chloride	4.385	41	53779	22.119	ug/l	97
15) Acrylonitrile	5.061	53	44279	112.525	ug/l	99
16) Acetone	3.873	43	30766	109.109	ug/l	92
17) Carbon Disulfide	4.104	76	134768	20.242	ug/l	99
18) Methyl Acetate	4.391	43	24436	26.962	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	101248	21.664	ug/l	98
20) Methylene Chloride	4.616	84	54949	22.398	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	50228	21.478	ug/l	95
22) Diisopropyl ether	6.012	45	124604	23.029	ug/l	93
23) Vinyl Acetate	5.964	43	317070	108.732	ug/l	97
24) 1,1-Dichloroethane	5.915	63	83879	22.364	ug/l	98
25) 2-Butanone	6.896	43	48889	110.543	ug/l	95
26) 2,2-Dichloropropane	6.884	77	71384	21.716	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	54978	21.025	ug/l	97
28) Bromochloromethane	7.244	49	32478	22.294	ug/l	96
29) Tetrahydrofuran	7.262	42	32154	111.941	ug/l	98
30) Chloroform	7.421	83	93491	22.473	ug/l	100
31) Cyclohexane	7.695	56	68383	21.321	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	83001	22.052	ug/l	98
36) 1,1-Dichloropropene	7.835	75	62939	21.791	ug/l	100
37) Ethyl Acetate	6.982	43	21331	20.563	ug/l #	96
38) Carbon Tetrachloride	7.811	117	77784	22.537	ug/l	96
39) Methylcyclohexane	9.109	83	75608	20.801	ug/l	98
40) Benzene	8.079	78	199354	22.080	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	13133	23.159	ug/l #	78
42) 1,2-Dichloroethane	8.158	62	51020	22.823	ug/l	99
43) Isopropyl Acetate	8.195	43	46044	23.113	ug/l	97
44) Trichloroethene	8.859	130	54762	21.897	ug/l	93
45) 1,2-Dichloropropane	9.140	63	46014	23.045	ug/l	99
46) Dibromomethane	9.225	93	28006	22.406	ug/l	97
47) Bromodichloromethane	9.420	83	71382	22.861	ug/l	96
48) Methyl methacrylate	9.219	41	20723	22.502	ug/l	99
49) 1,4-Dioxane	9.231	88	5664	425.160	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	121954	116.779	ug/l	97
52) Toluene	10.170	92	129313	22.126	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	58909	21.995	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	69831	21.934	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	38195	22.877	ug/l	98
56) Ethyl methacrylate	10.438	69	38995	20.424	ug/l	96
57) 1,3-Dichloropropane	10.713	76	60836	22.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	99434	106.516	ug/l	99
59) 2-Hexanone	10.762	43	78353	113.751	ug/l	97
60) Dibromochloromethane	10.908	129	51680	22.357	ug/l	99
61) 1,2-Dibromoethane	11.012	107	35590	22.580	ug/l	99
64) Tetrachloroethene	10.646	164	58780	21.245	ug/l	98
65) Chlorobenzene	11.438	112	145326	22.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	53317	23.091	ug/l	97
67) Ethyl Benzene	11.518	91	228463	21.294	ug/l	98
68) m/p-Xylenes	11.627	106	187089	43.823	ug/l	100
69) o-Xylene	11.956	106	84788	21.548	ug/l	100
70) Styrene	11.969	104	140898	21.326	ug/l	97
71) Bromoform	12.127	173	29607	22.055	ug/l #	96
73) Isopropylbenzene	12.255	105	221429	21.042	ug/l	100
74) N-amyl acetate	12.066	43	38828	21.476	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40697	22.939	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	28806m	21.352	ug/l	
77) Bromobenzene	12.530	156	57556	21.645	ug/l	100
78) n-propylbenzene	12.591	91	273749	21.844	ug/l	100
79) 2-Chlorotoluene	12.676	91	159805	21.927	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	188225	21.709	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	12385	22.107	ug/l	99
82) 4-Chlorotoluene	12.773	91	164675	21.736	ug/l	100
83) tert-Butylbenzene	12.993	119	168268	21.639	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	189466	21.847	ug/l	100
85) sec-Butylbenzene	13.176	105	247876	21.784	ug/l	99
86) p-Isopropyltoluene	13.292	119	207446	21.470	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	116791	21.626	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	115637	21.620	ug/l	98
89) n-Butylbenzene	13.615	91	180433	20.892	ug/l	99
90) Hexachloroethane	13.877	117	46877	22.082	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	102517	21.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	6230	22.071	ug/l	85
93) 1,2,4-Trichlorobenzene	14.919	180	53947	20.211	ug/l	98
94) Hexachlorobutadiene	15.023	225	35157	21.407	ug/l	98
95) Naphthalene	15.145	128	83951	18.933	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	46637	20.241	ug/l	100

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ClientSampleId :
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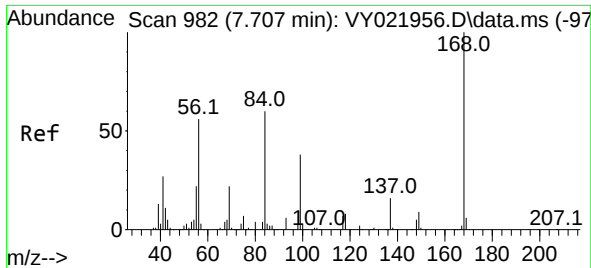
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 05/15/2025

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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

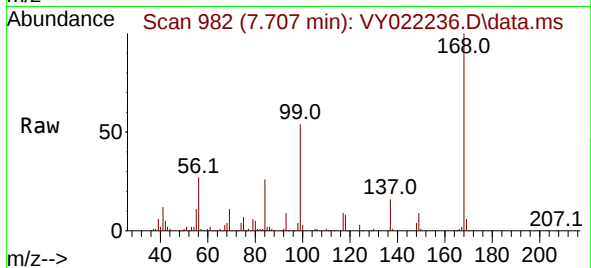
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022236.D
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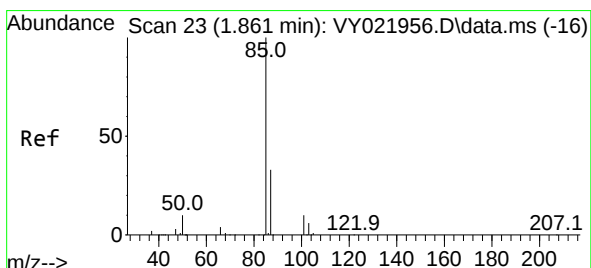
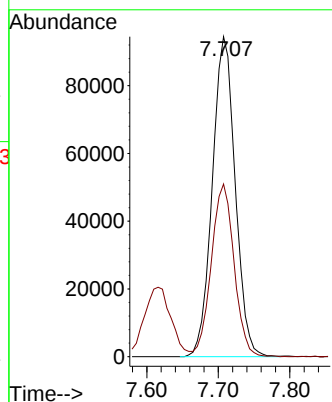
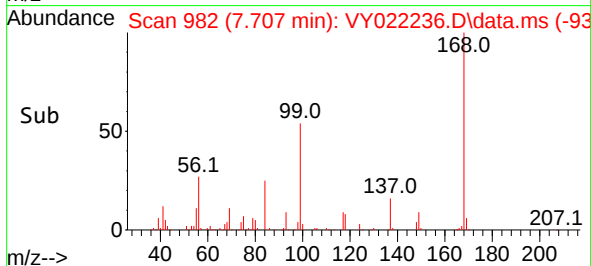
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



Tgt Ion:168 Resp: 2105
Ion Ratio Lower Upper
168 100
99 54.0 43.1 64.7

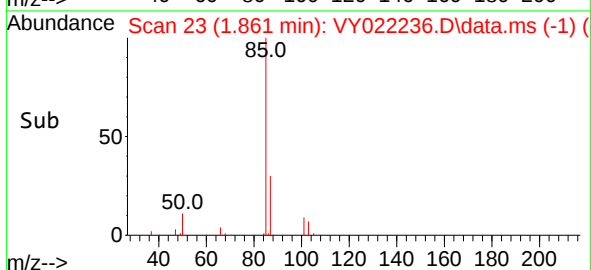
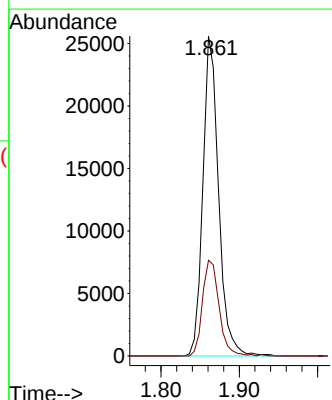
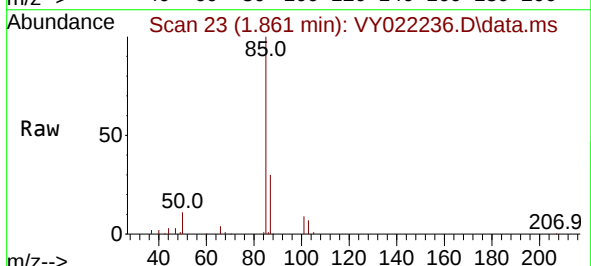
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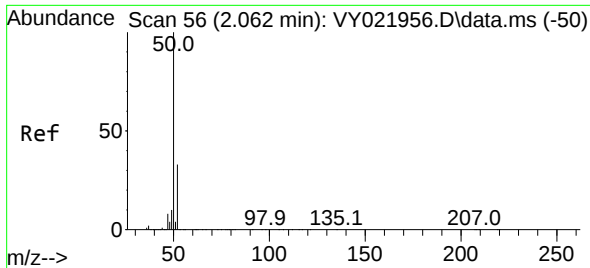
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#2
Dichlorodifluoromethane
Concen: 19.895 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

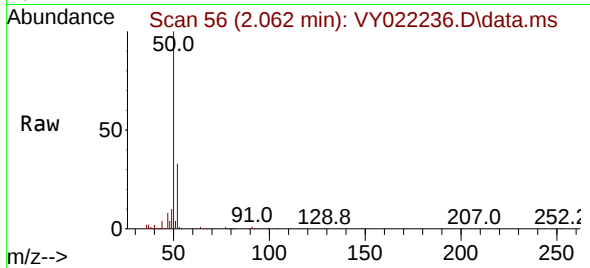
Tgt Ion: 85 Resp: 35608
Ion Ratio Lower Upper
85 100
87 29.9 16.6 49.7





#3
Chloromethane
Concen: 23.138 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

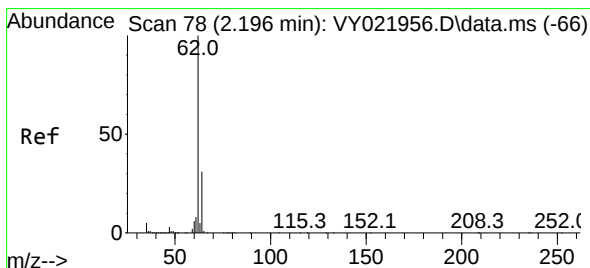
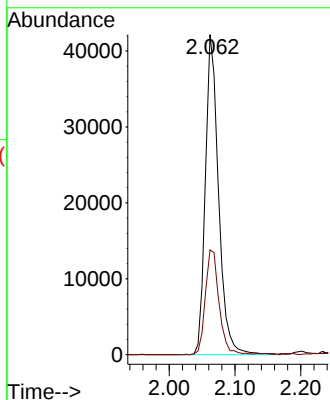
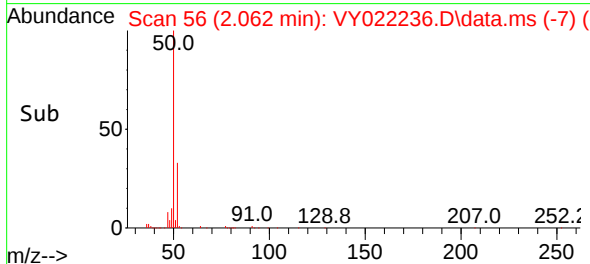
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



Tgt Ion: 50 Resp: 5896
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1

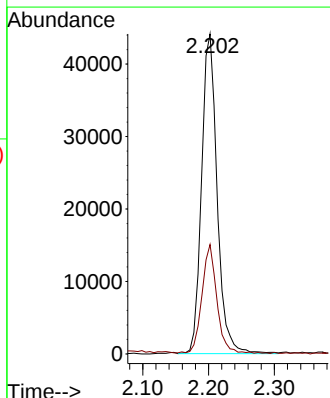
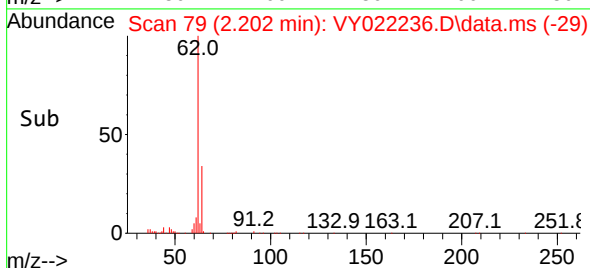
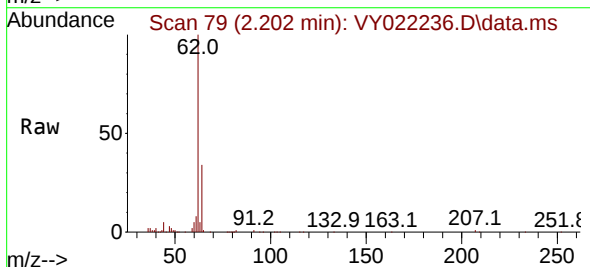
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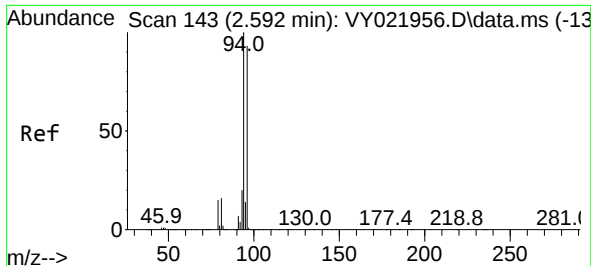
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#4
Vinyl Chloride
Concen: 23.136 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

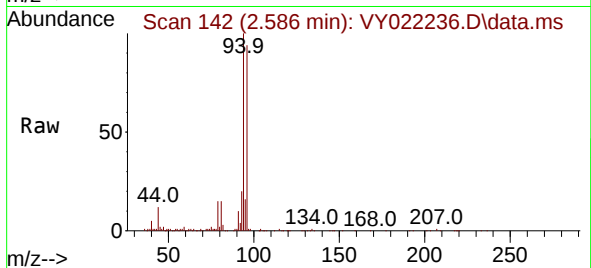
Tgt Ion: 62 Resp: 72458
Ion Ratio Lower Upper
62 100
64 34.1 25.1 37.7





#5
Bromomethane
Concen: 22.230 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

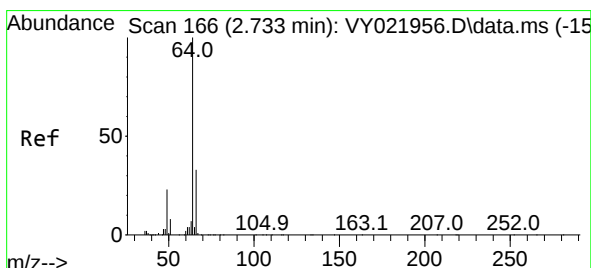
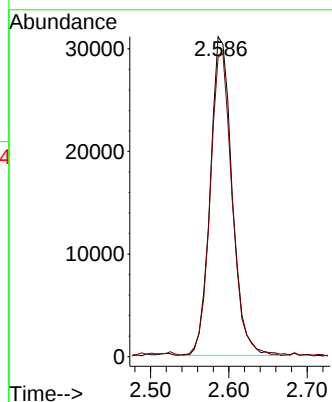
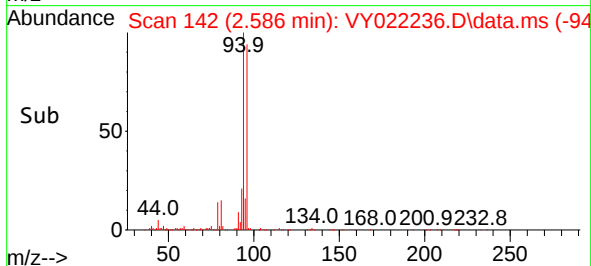
Instrument :
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Tgt Ion: 94 Resp: 5998
Ion Ratio Lower Upper
94 100
96 93.4 74.6 111.8

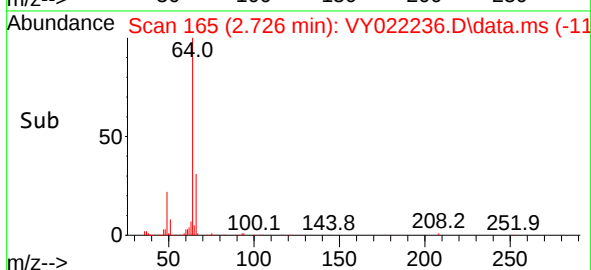
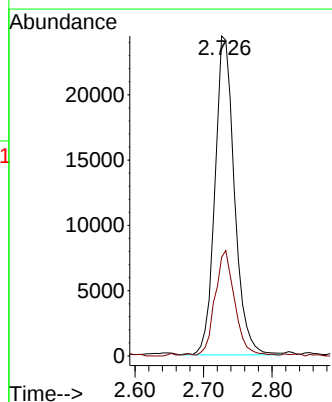
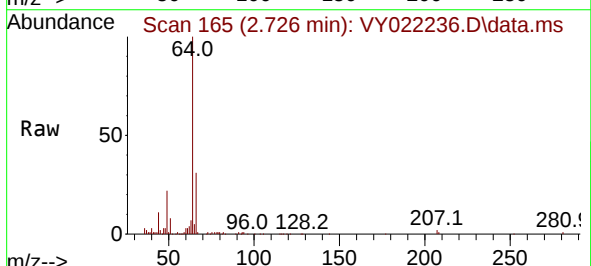
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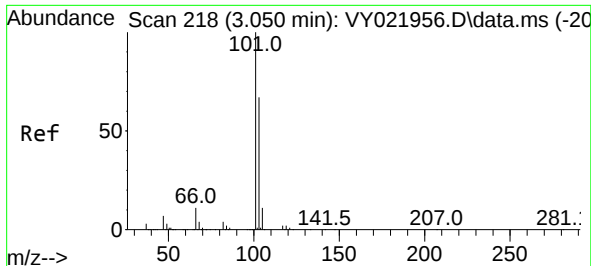
Reviewed By :Mahesh Dadoda 05/14/2025
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#6
Chloroethane
Concen: 22.610 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

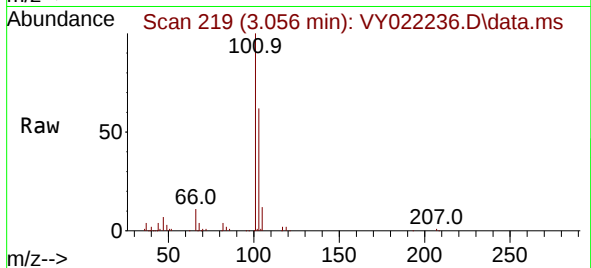
Tgt Ion: 64 Resp: 48225
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.870 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

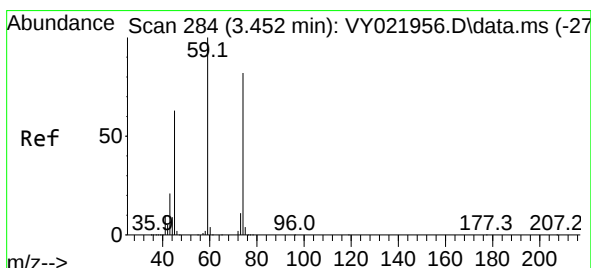
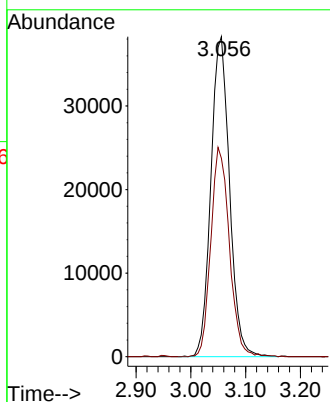
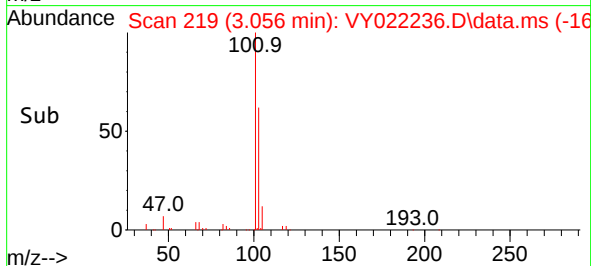
Instrument :
MSVOA_Y
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VY0513SBSD01



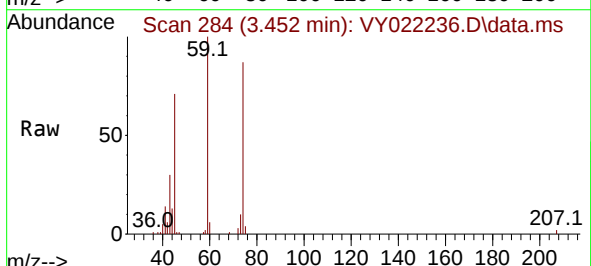
Tgt Ion:101 Resp: 90319
Ion Ratio Lower Upper
101 100
103 62.0 53.6 80.4

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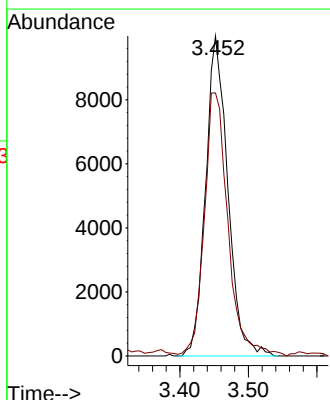
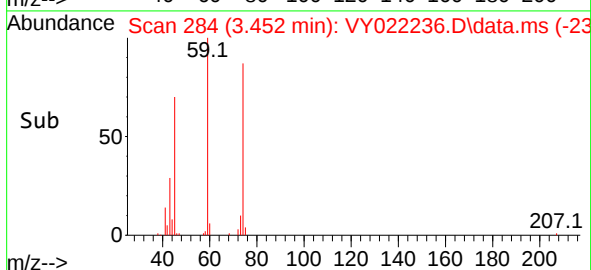
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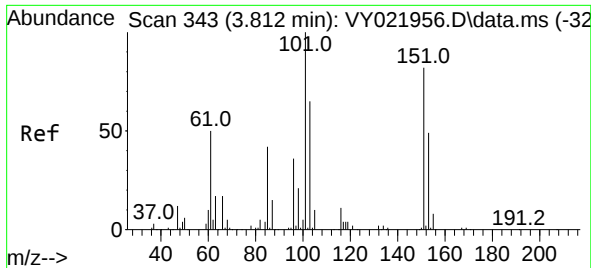


#8
Diethyl Ether
Concen: 20.931 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022236.D
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Tgt Ion: 74 Resp: 22498
Ion Ratio Lower Upper
74 100
45 87.9 39.1 117.5





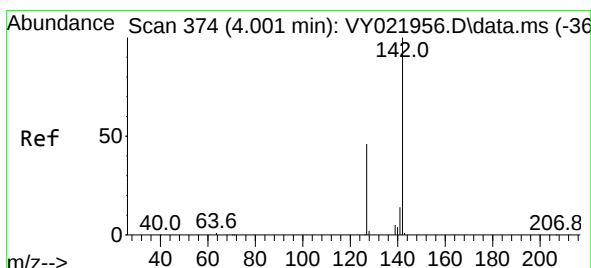
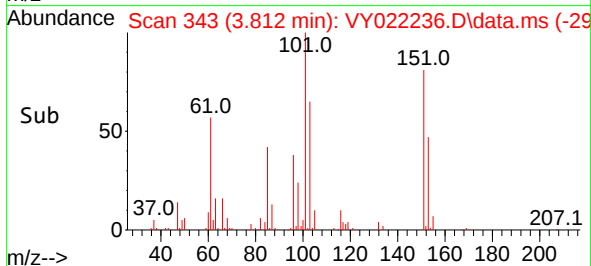
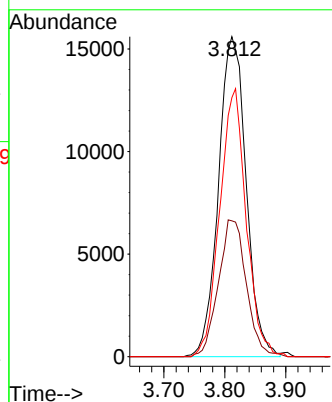
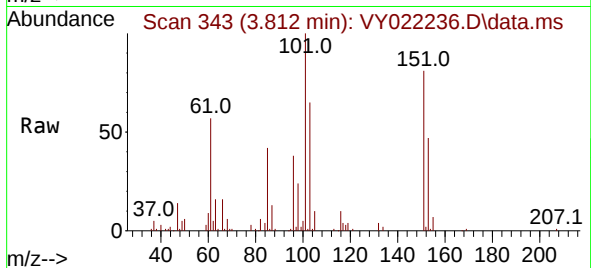
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.994 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

Tgt Ion:101 Resp: 4927
Ion Ratio Lower Upper
101 100
85 43.1 34.6 51.8
151 80.1 63.7 95.5

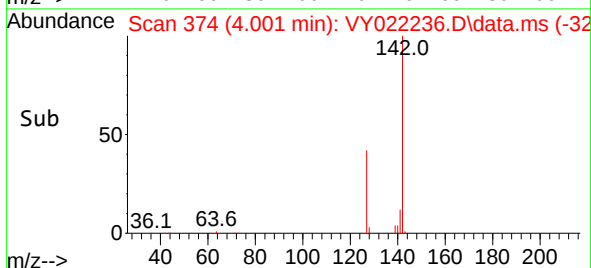
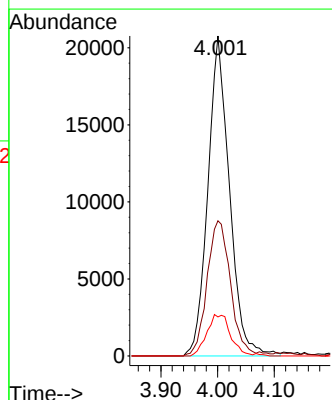
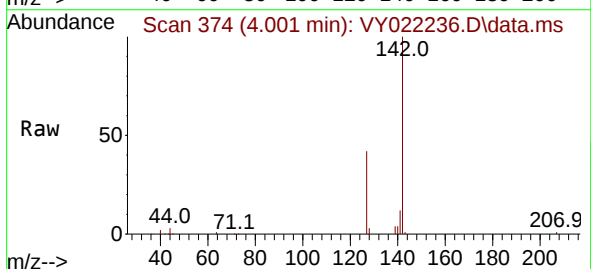
Manual Integrations
APPROVED

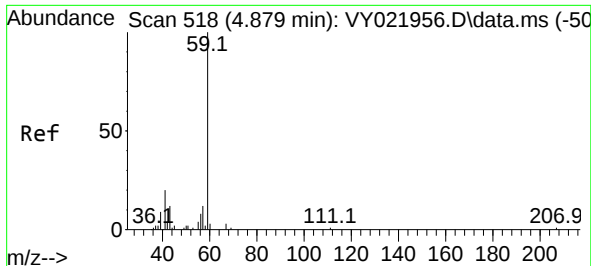
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#10
Methyl Iodide
Concen: 21.178 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

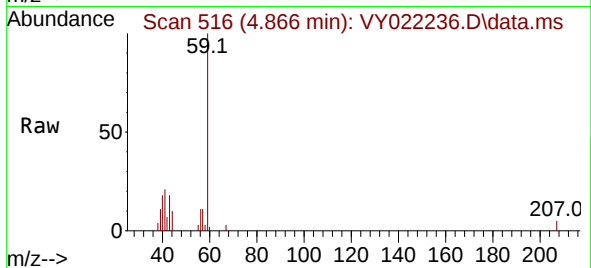
Tgt Ion:142 Resp: 54930
Ion Ratio Lower Upper
142 100
127 46.2 36.2 54.2
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 110.425 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

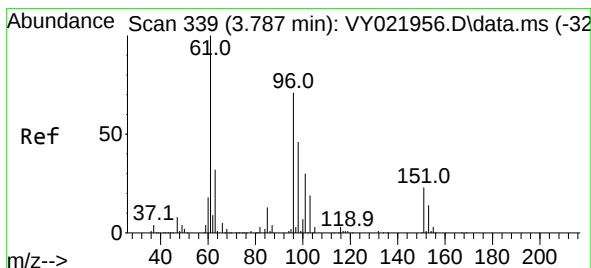
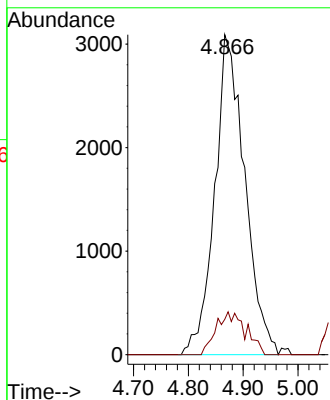
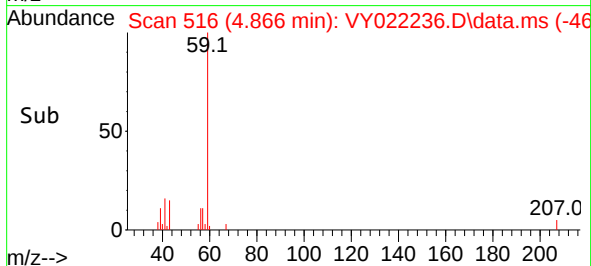
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01



Tgt Ion: 59 Resp: 11762
Ion Ratio Lower Upper
59 100
57 13.2 9.3 13.9

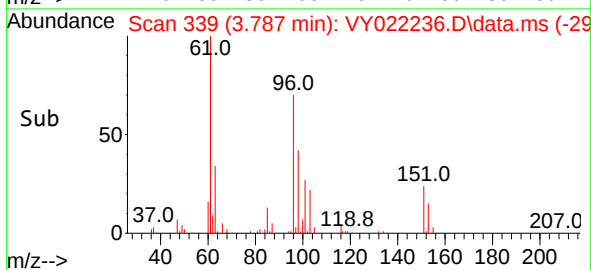
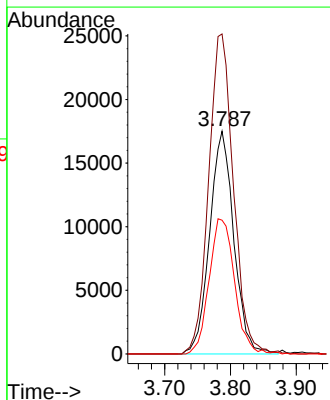
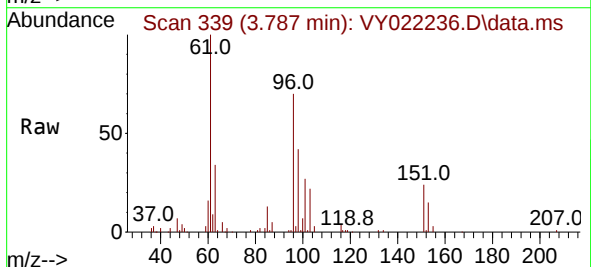
Manual Integrations
APPROVED

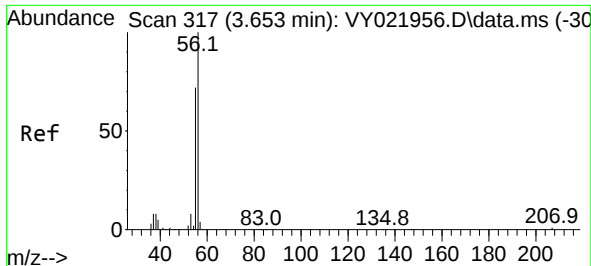
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#12
1,1-Dichloroethene
Concen: 21.476 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

Tgt Ion: 96 Resp: 44845
Ion Ratio Lower Upper
96 100
61 143.7 113.0 169.4
98 60.1 51.4 77.2





#13

Acrolein

Concen: 38.023 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022236.D

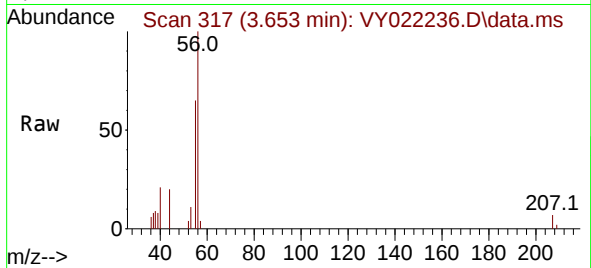
Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

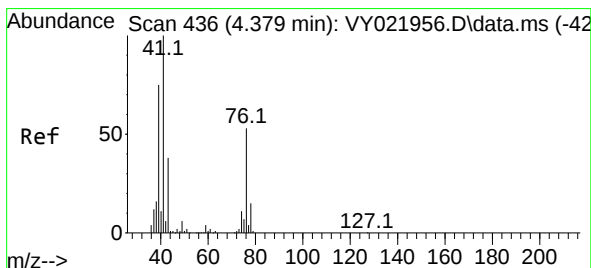
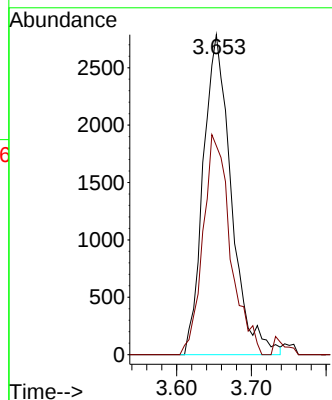
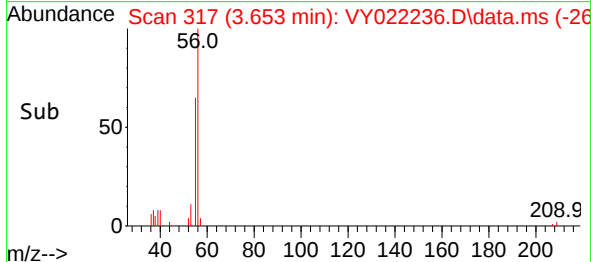
VY0513SBS01



Tgt Ion:	56	Resp:	7269
Ion Ratio	Lower	Upper	
56	100		
55	67.2	57.4	86.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#14

Allyl chloride

Concen: 22.119 ug/l

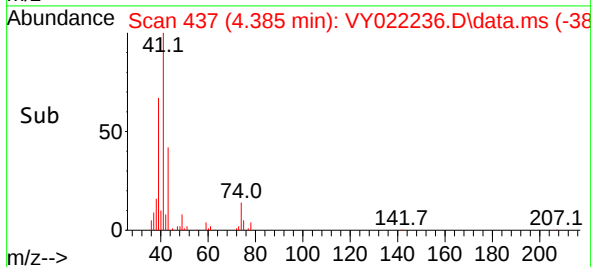
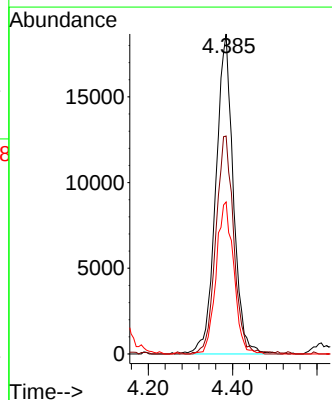
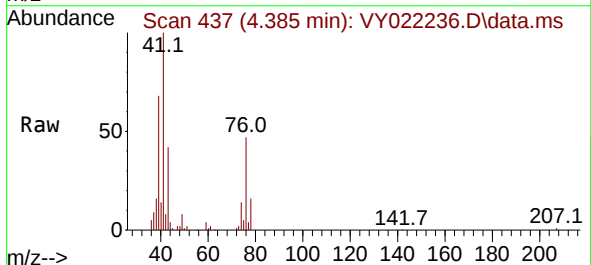
RT: 4.385 min Scan# 437

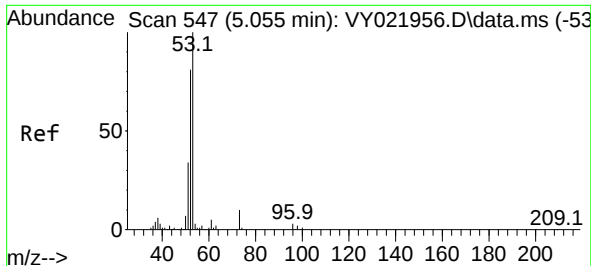
Delta R.T. 0.006 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Tgt Ion:	41	Resp:	53779
Ion Ratio	Lower	Upper	
41	100		
39	69.6	57.2	85.8
76	47.6	39.7	59.5





#15

Acrylonitrile

Concen: 112.525 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY022236.D

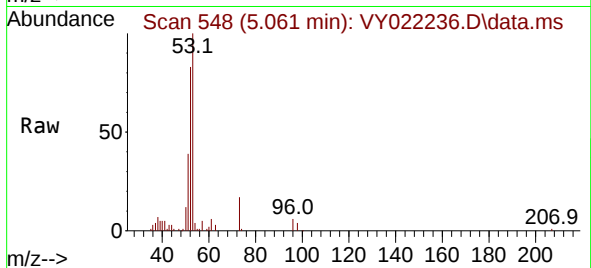
Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBSD01

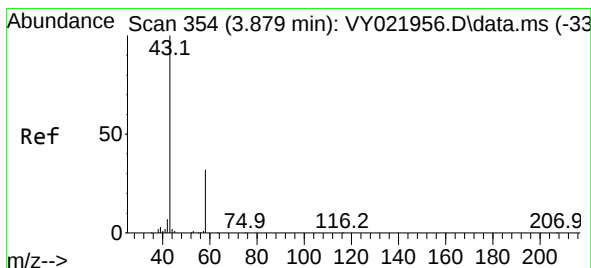
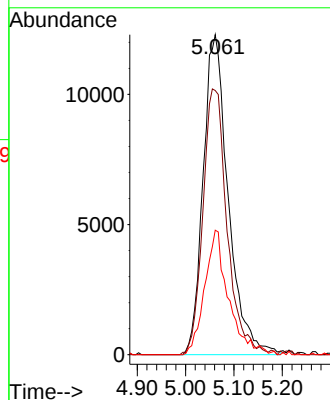
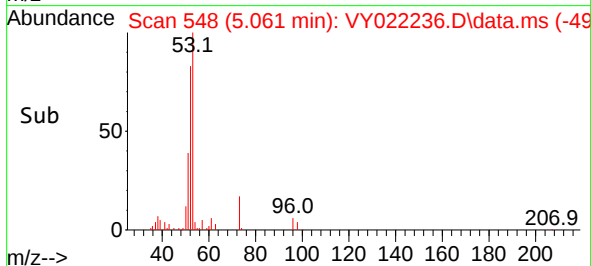


Tgt Ion:	53	Resp:	44279
Ion Ratio	Lower	Upper	
53	100		
52	80.1	65.0	97.6
51	36.2	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#16

Acetone

Concen: 109.109 ug/l

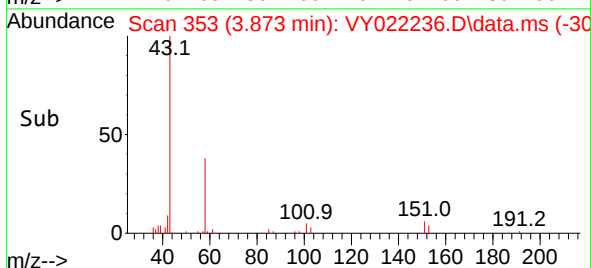
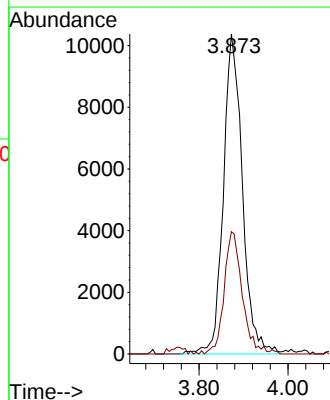
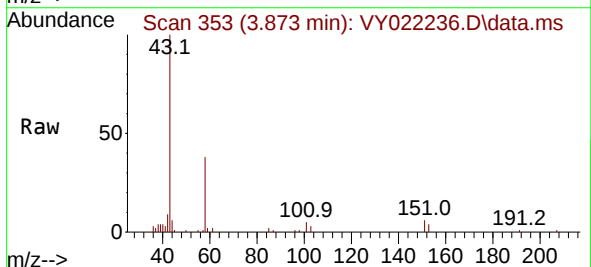
RT: 3.873 min Scan# 353

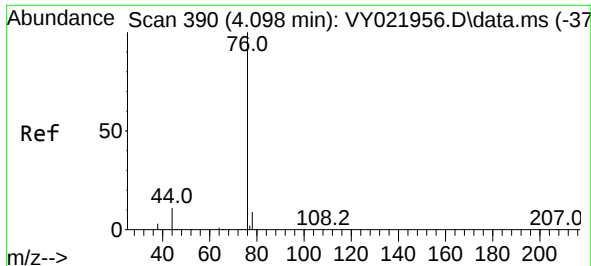
Delta R.T. -0.006 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

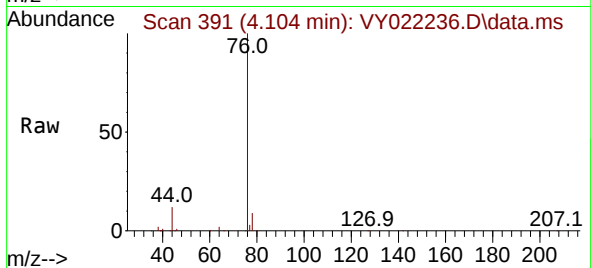
Tgt Ion:	43	Resp:	30766
Ion Ratio	Lower	Upper	
43	100		
58	38.2	27.0	40.4





#17
Carbon Disulfide
Concen: 20.242 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

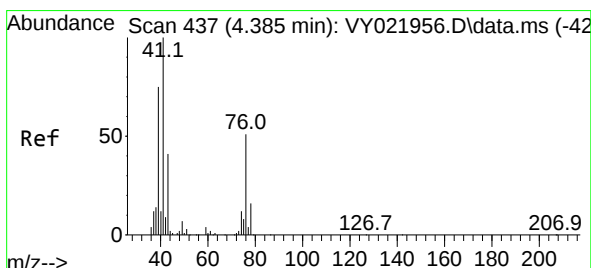
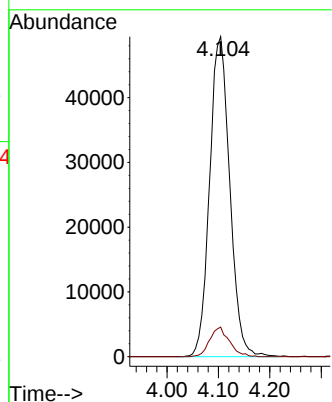
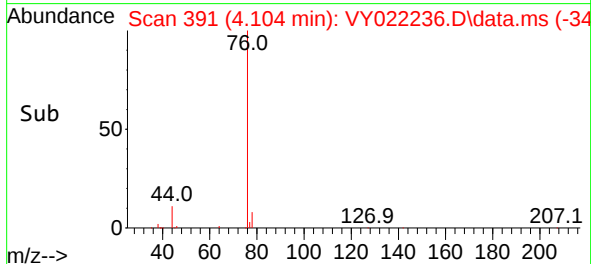
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



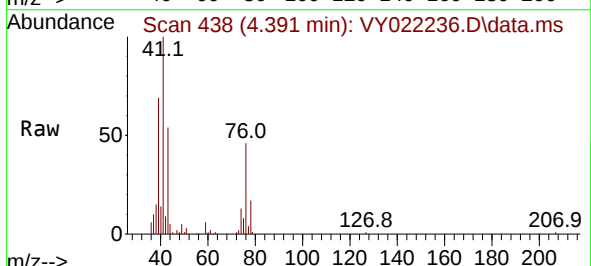
Tgt Ion: 76 Resp: 134768
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

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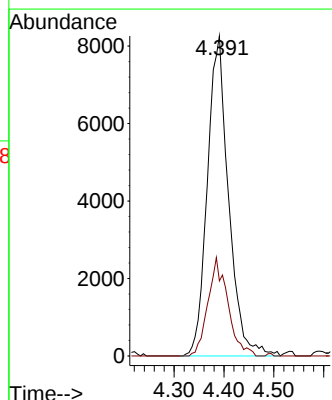
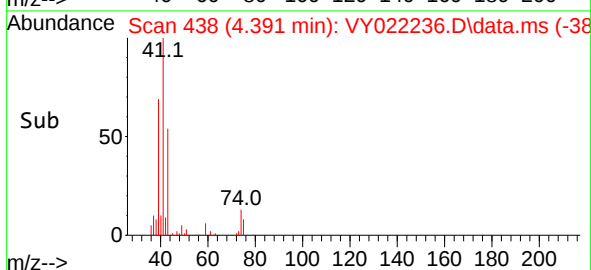
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

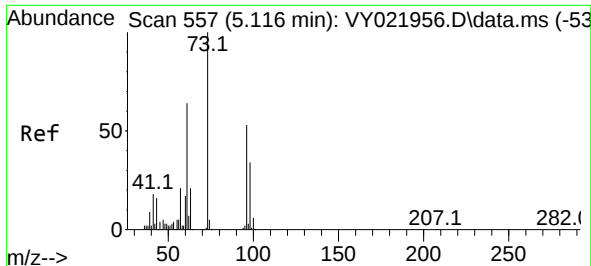


#18
Methyl Acetate
Concen: 26.962 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04



Tgt Ion: 43 Resp: 24436
Ion Ratio Lower Upper
43 100
74 28.9 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 21.664 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBSD01

Tgt Ion: 73 Resp: 101248

Ion Ratio Lower Upper

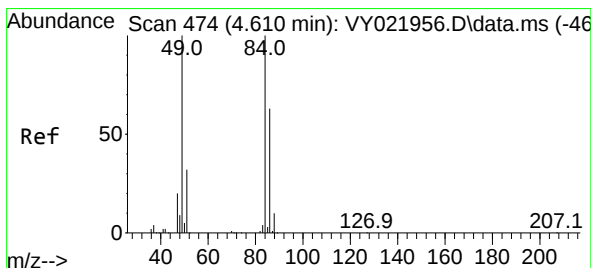
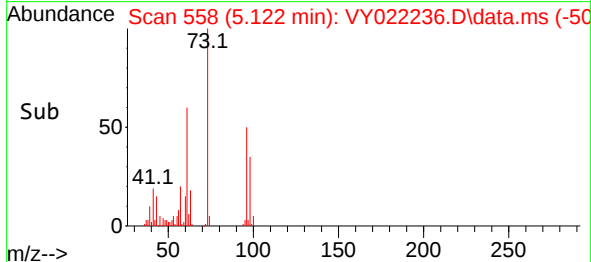
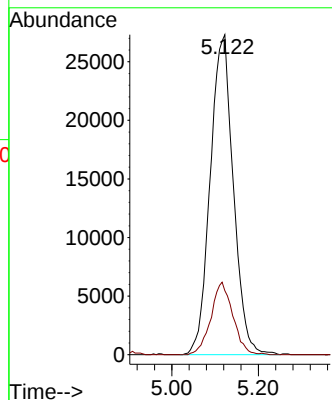
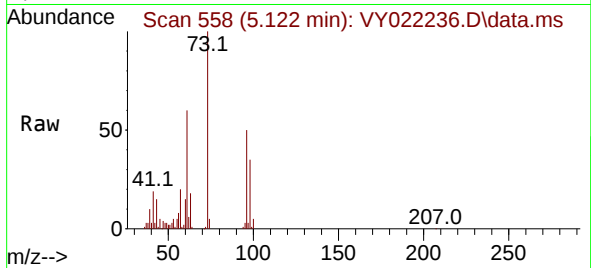
73 100

57 20.0 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#20

Methylene Chloride

Concen: 22.398 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Tgt Ion: 84 Resp: 54949

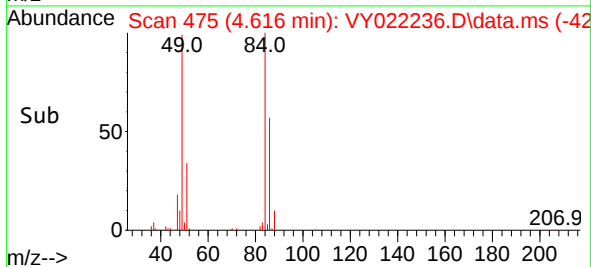
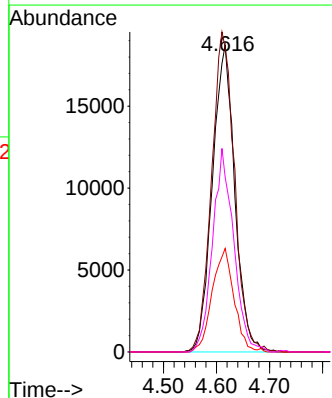
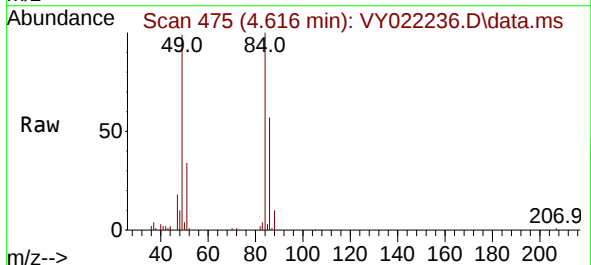
Ion Ratio Lower Upper

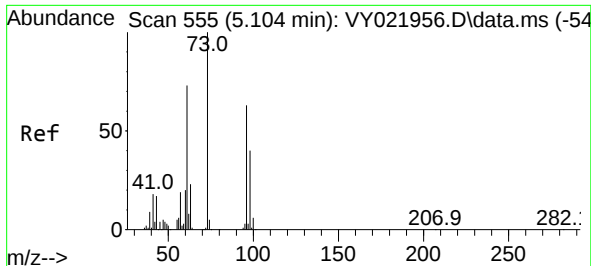
84 100

49 99.2 79.9 119.9

51 33.7 25.4 38.0

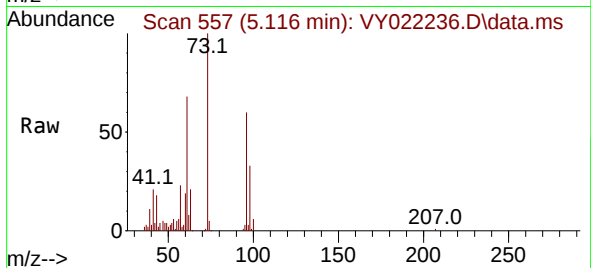
86 57.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 21.478 ug/l
RT: 5.116 min Scan# 50228
Delta R.T. 0.012 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

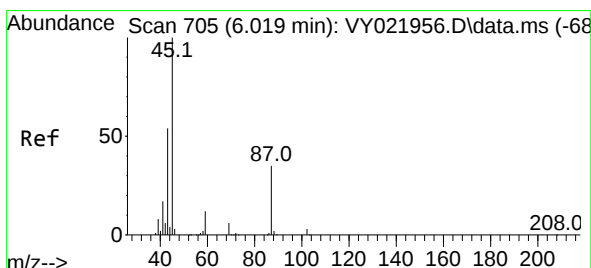
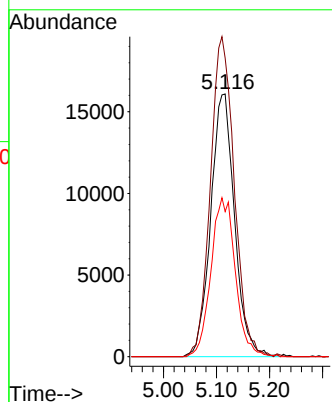
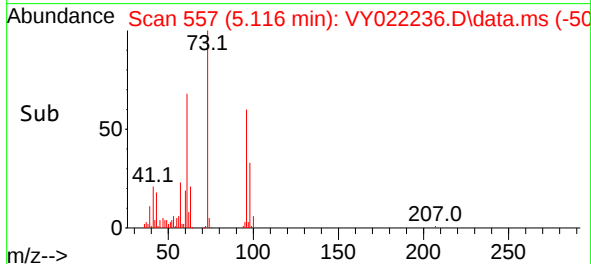
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



Tgt Ion: 96 Resp: 50228
Ion Ratio Lower Upper
96 100
61 113.7 92.6 138.8
98 55.3 50.2 75.4

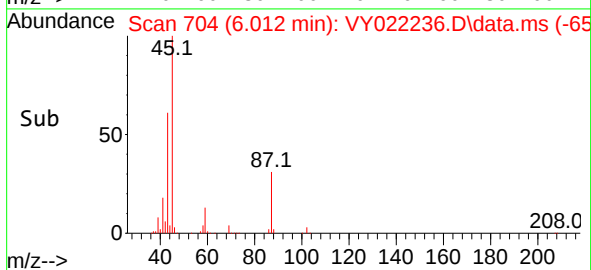
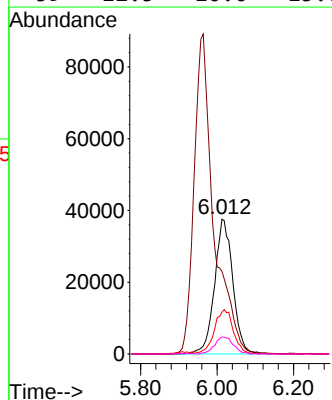
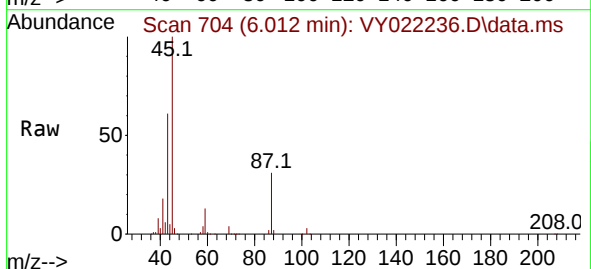
Manual Integrations
APPROVED

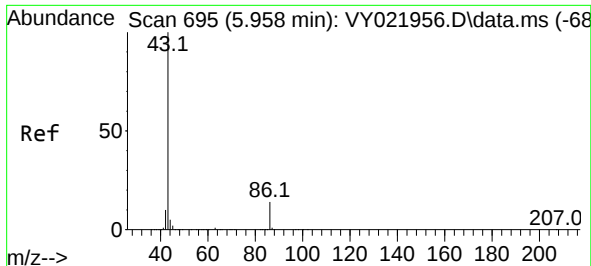
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#22
Diisopropyl ether
Concen: 23.029 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

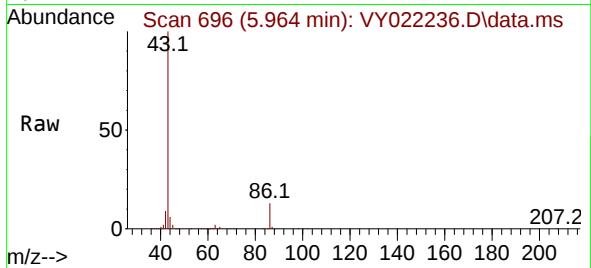
Tgt Ion: 45 Resp: 124604
Ion Ratio Lower Upper
45 100
43 61.0 43.6 65.4
87 31.0 28.2 42.4
59 12.5 10.0 15.0





#23
 Vinyl Acetate
 Concen: 108.732 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022236.D
 Acq: 13 May 2025 12:04

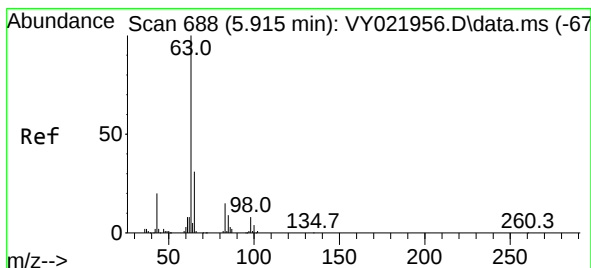
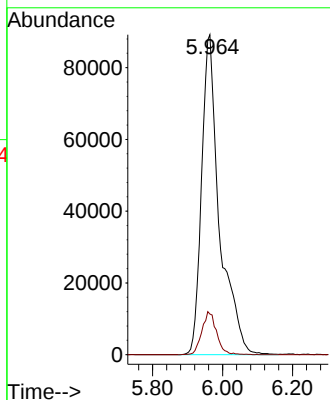
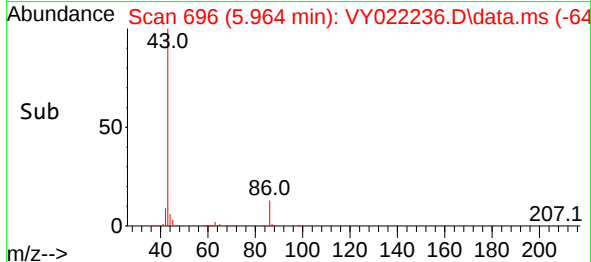
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01



Tgt Ion: 43 Resp: 317070
 Ion Ratio Lower Upper
 43 100
 86 12.7 11.1 16.7

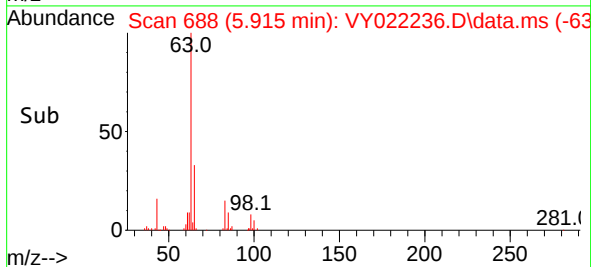
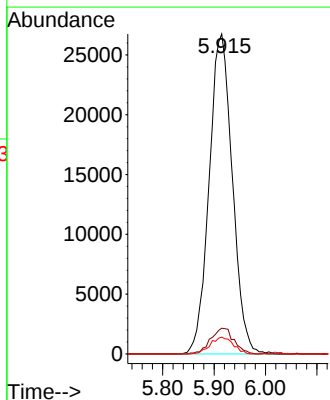
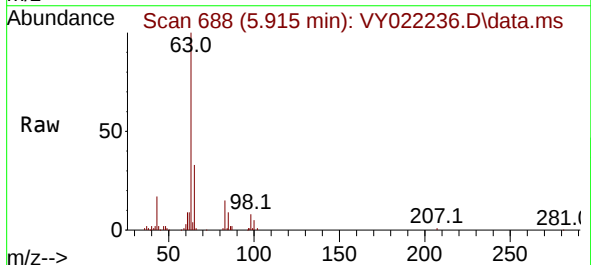
Manual Integrations
 APPROVED

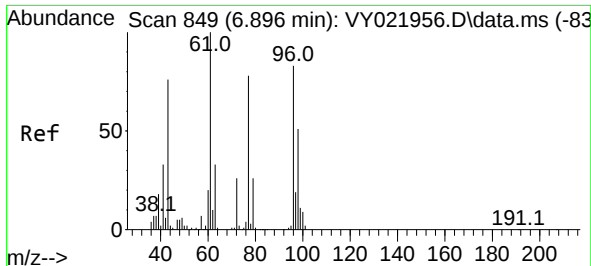
Reviewed By :Mahesh Dadoda 05/14/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025



#24
 1,1-Dichloroethane
 Concen: 22.364 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022236.D
 Acq: 13 May 2025 12:04

Tgt Ion: 63 Resp: 83879
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 11.9
 100 5.3 2.0 6.0





#25

2-Butanone

Concen: 110.543 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBSD01

Tgt Ion: 43 Resp: 4888

Ion Ratio Lower Upper

43 100

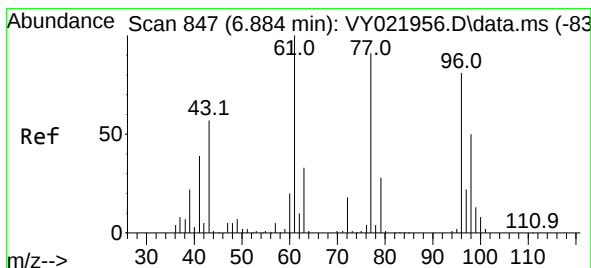
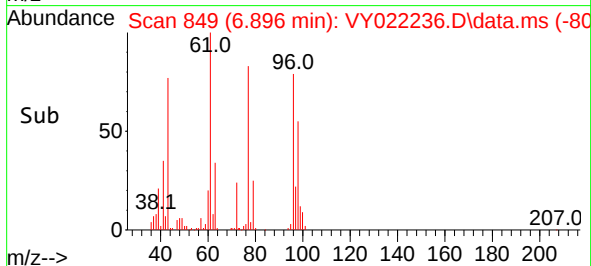
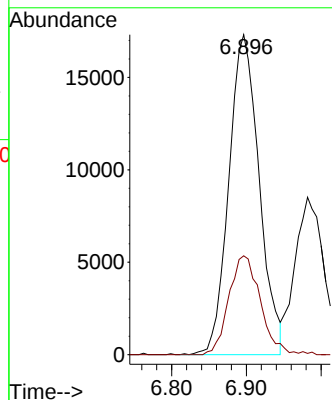
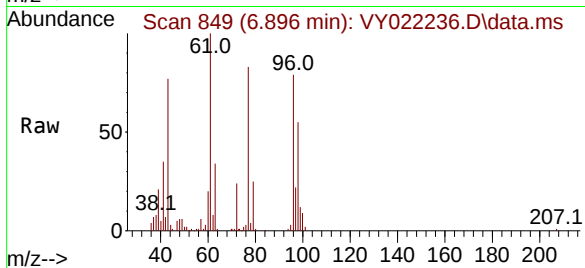
72 30.9 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#26

2,2-Dichloropropane

Concen: 21.716 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022236.D

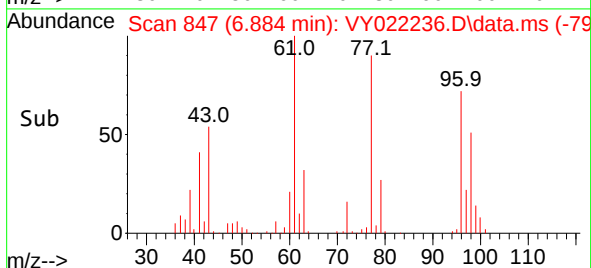
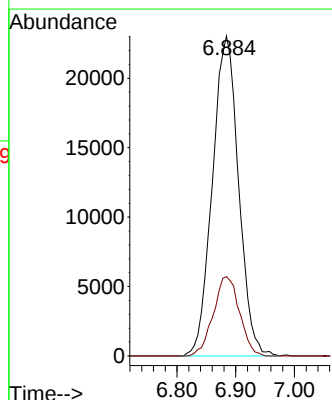
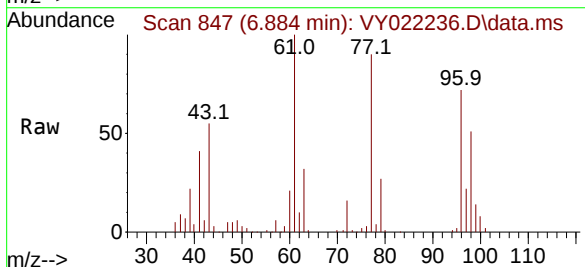
Acq: 13 May 2025 12:04

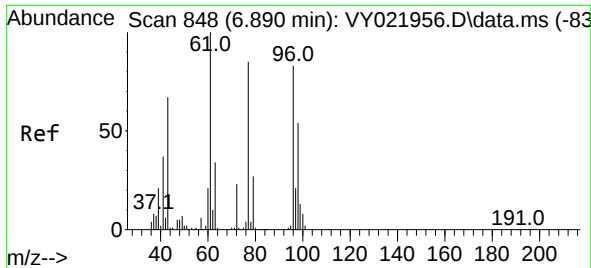
Tgt Ion: 77 Resp: 71384

Ion Ratio Lower Upper

77 100

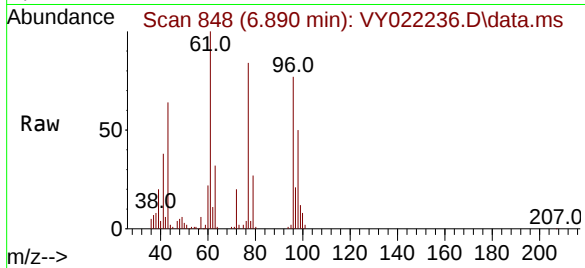
97 24.7 12.4 37.4





#27
 cis-1,2-Dichloroethene
 Concen: 21.025 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022236.D
 Acq: 13 May 2025 12:04

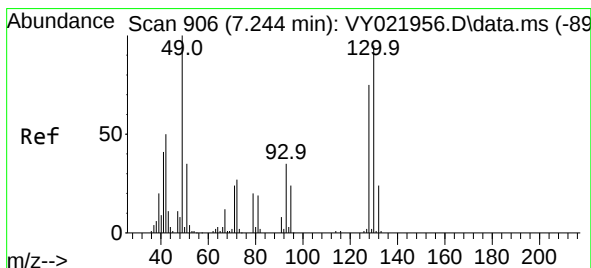
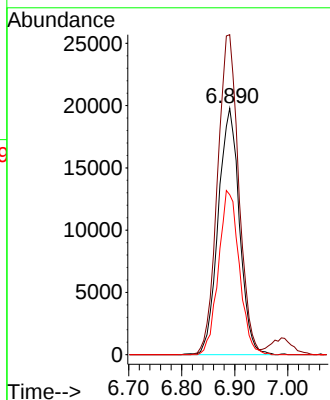
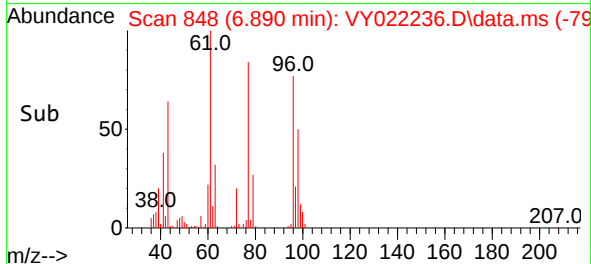
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBSD01



Tgt Ion: 96 Resp: 54978
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 251.4
 98 65.3 0.0 128.4

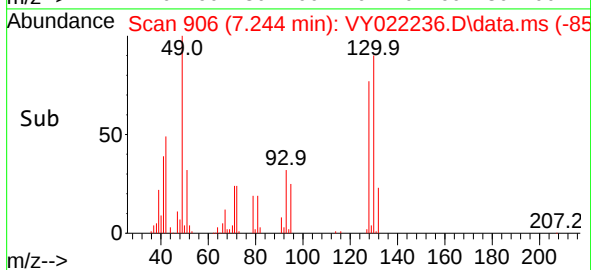
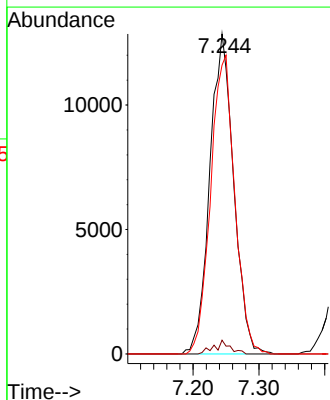
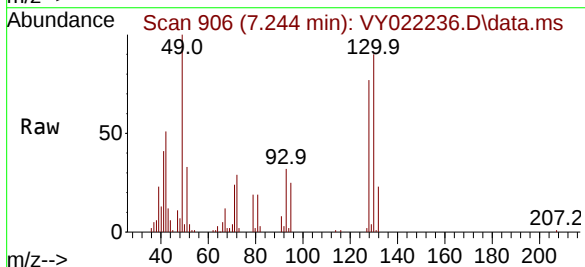
Manual Integrations
 APPROVED

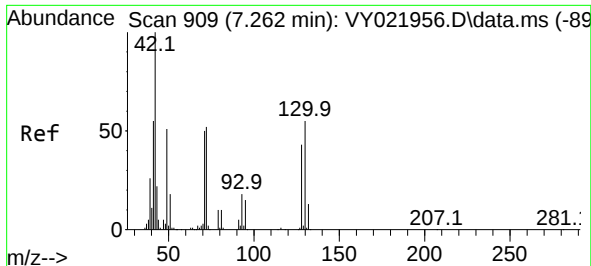
Reviewed By :Mahesh Dadoda 05/14/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025



#28
 Bromochloromethane
 Concen: 22.294 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022236.D
 Acq: 13 May 2025 12:04

Tgt Ion: 49 Resp: 32478
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.0
 130 94.1 78.2 117.4





#29

Tetrahydrofuran

Concen: 111.941 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022236.D

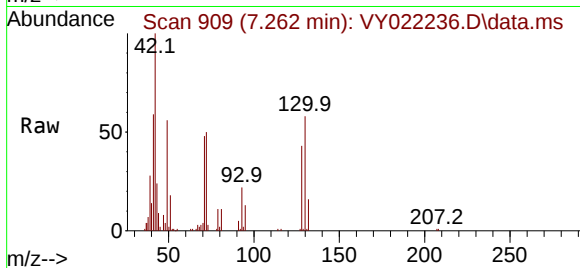
Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBSD01

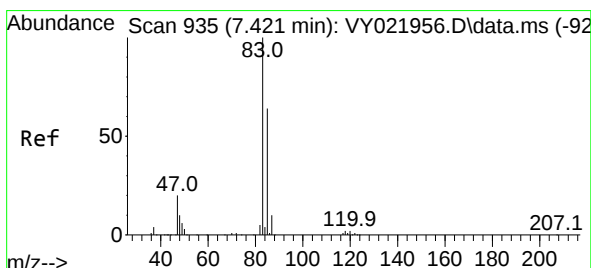
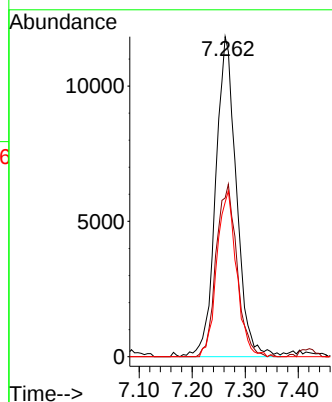
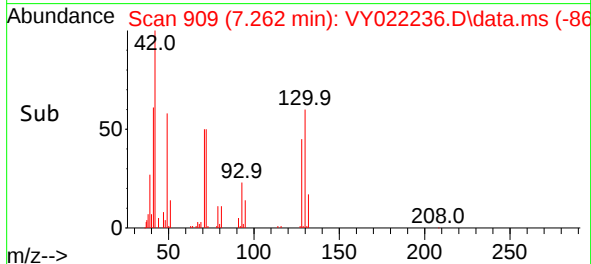


Tgt Ion:	42	Resp:	32154
Ion	Ratio	Lower	Upper
42	100		
72	54.0	42.6	63.8
71	49.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#30

Chloroform

Concen: 22.473 ug/l

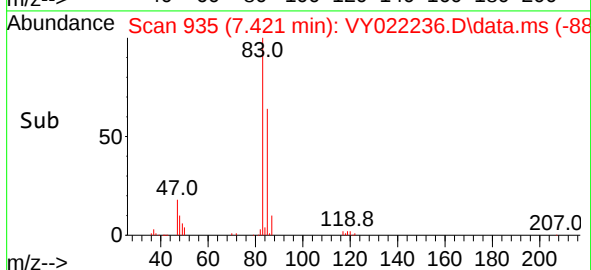
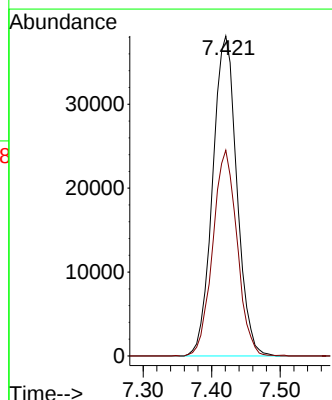
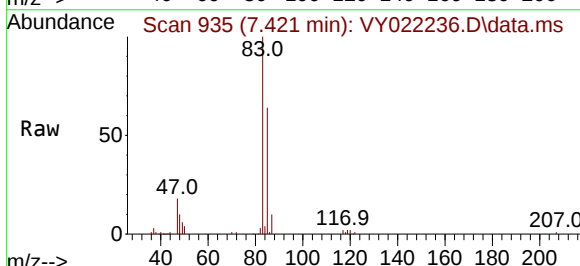
RT: 7.421 min Scan# 935

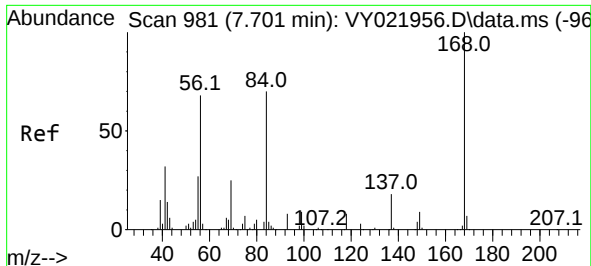
Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

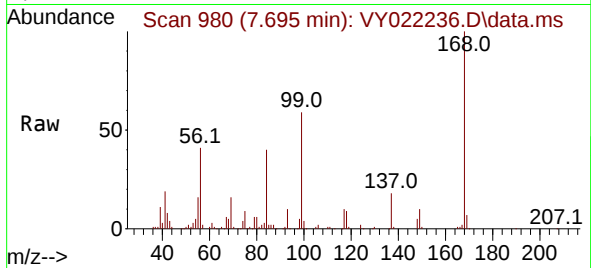
Tgt Ion:	83	Resp:	93491
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.3	76.9





#31
Cyclohexane
Concen: 21.321 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

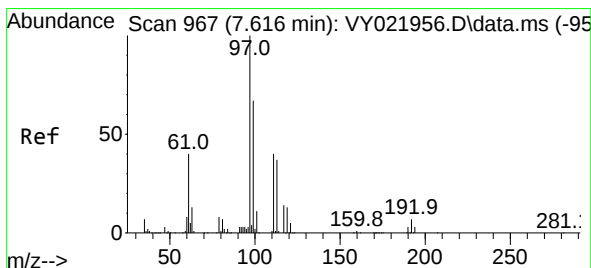
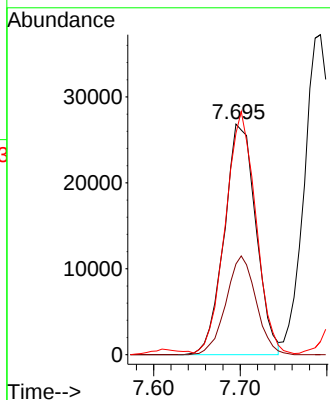
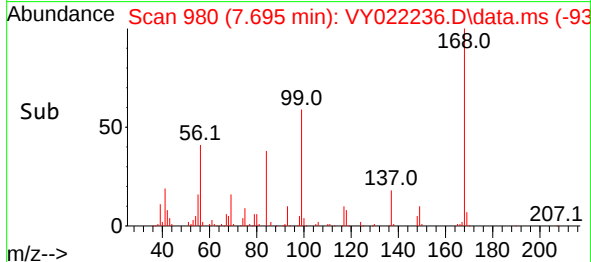
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01



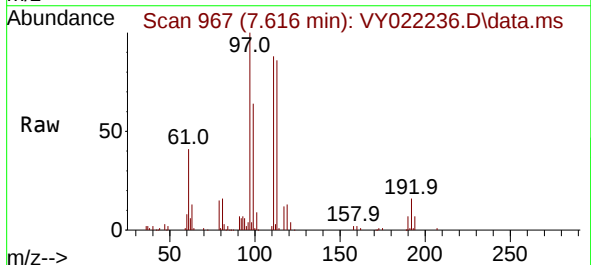
Tgt Ion: 56 Resp: 6838
Ion Ratio Lower Upper
56 100
69 39.3 29.4 44.2
84 94.5 82.2 123.4

Manual Integrations
APPROVED

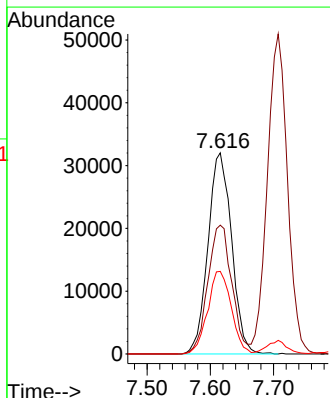
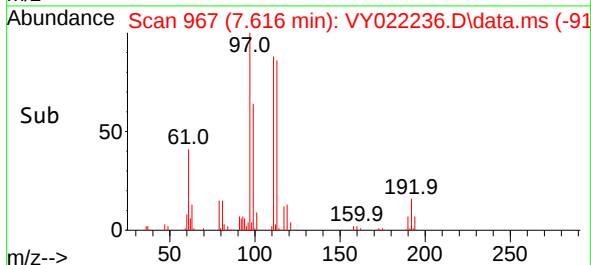
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

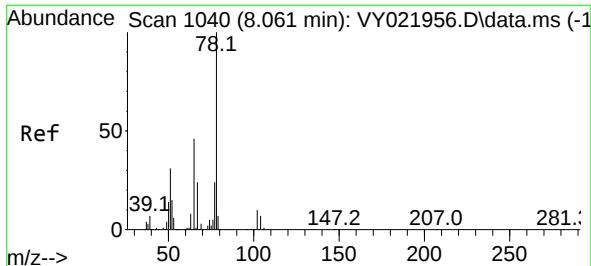


#32
1,1,1-Trichloroethane
Concen: 22.052 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04



Tgt Ion: 97 Resp: 83001
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.2
61 41.1 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 53.157 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBSD01

Tgt Ion: 65 Resp: 10313

Ion Ratio Lower Upper

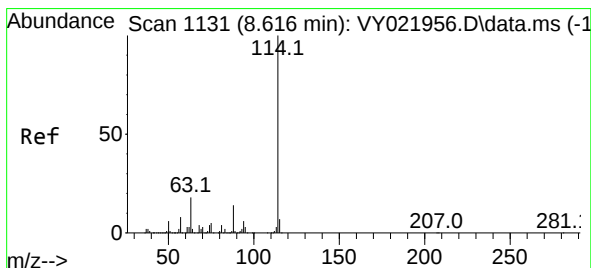
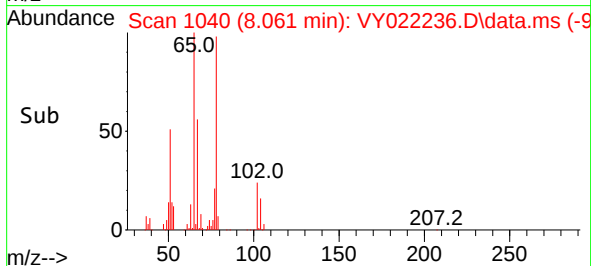
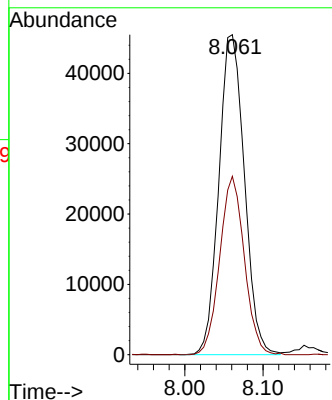
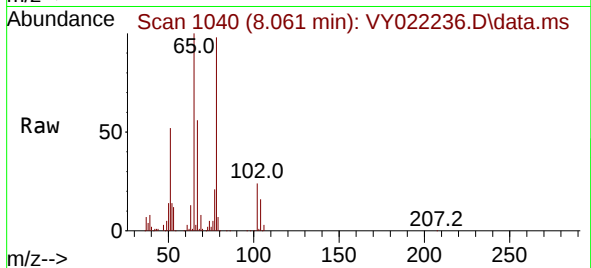
65 100

67 53.6 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

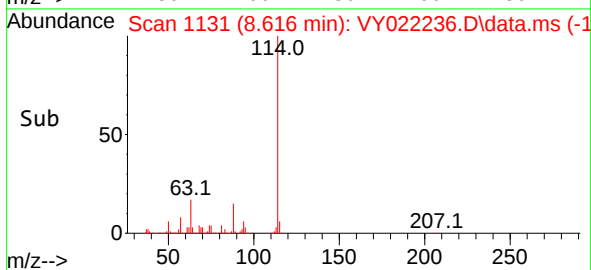
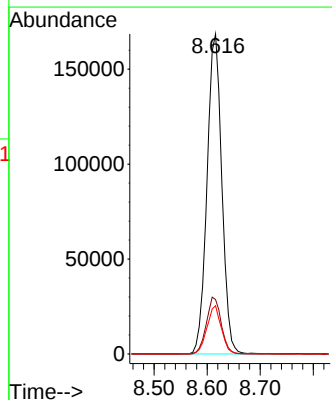
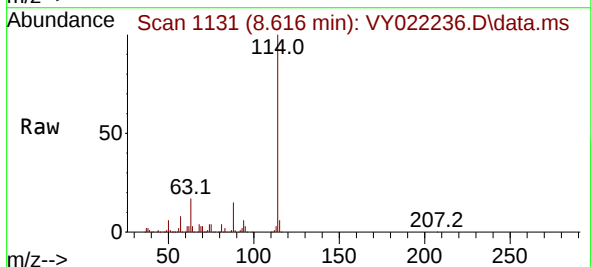
Tgt Ion:114 Resp: 325473

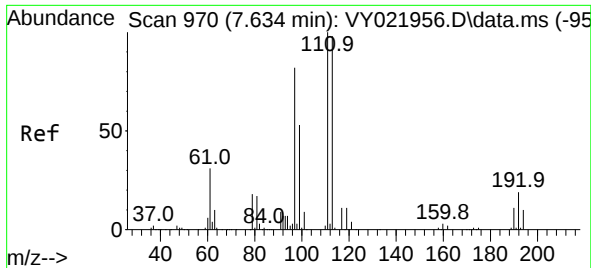
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.4

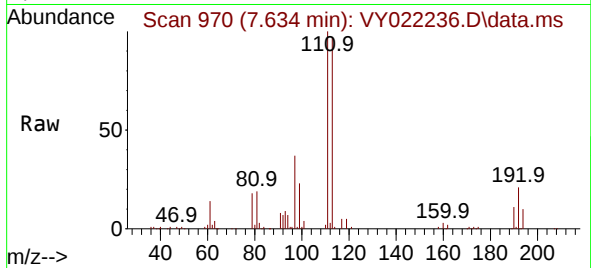
88 15.0 0.0 28.2





#35
Dibromofluoromethane
Concen: 53.471 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

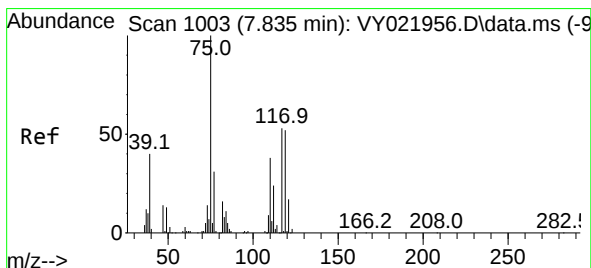
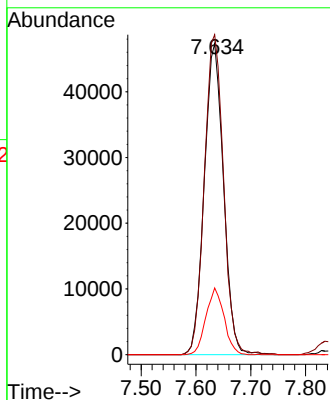
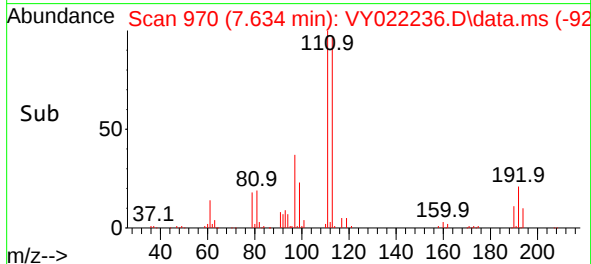
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



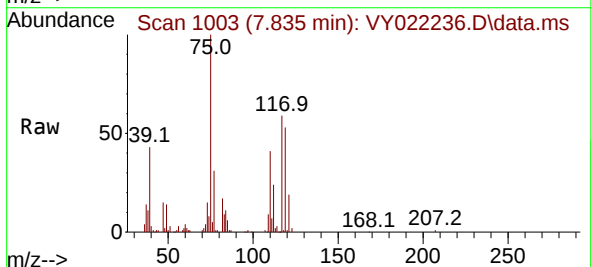
Tgt Ion: 113 Resp: 11497
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 20.3 15.6 23.4

Manual Integrations
APPROVED

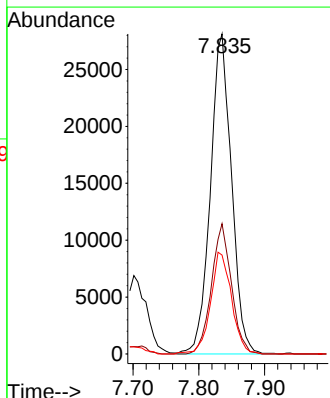
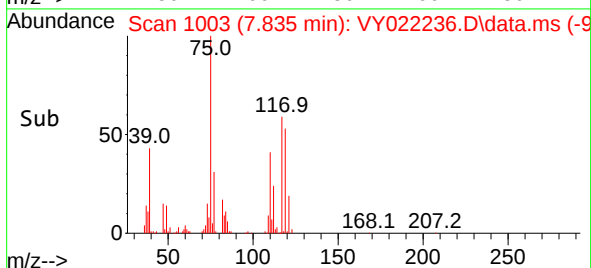
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

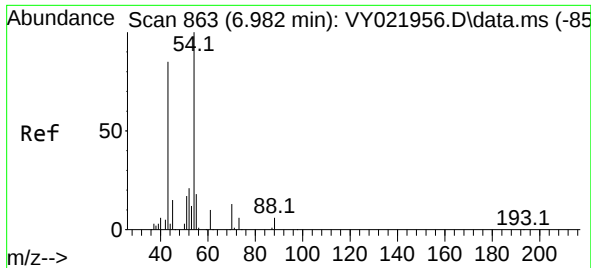


#36
1,1-Dichloropropene
Concen: 21.791 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04



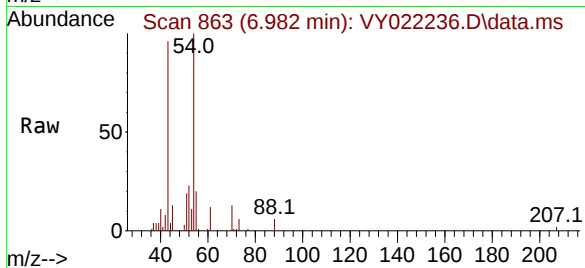
Tgt Ion: 75 Resp: 62939
Ion Ratio Lower Upper
75 100
110 38.4 19.1 57.3
77 31.5 25.5 38.3





#37
Ethyl Acetate
Concen: 20.563 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

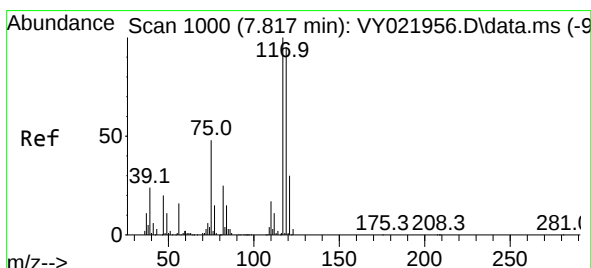
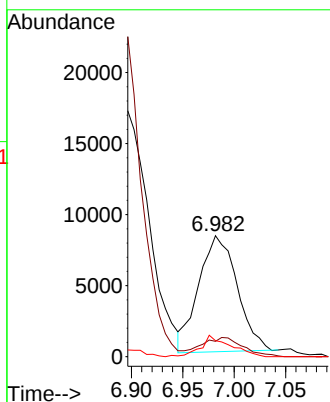
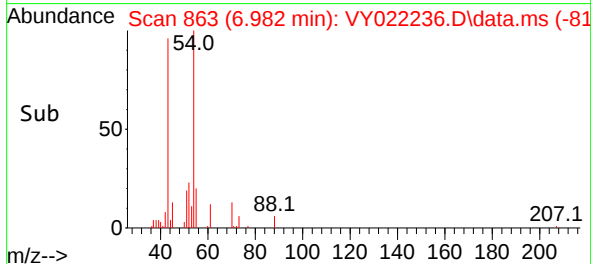
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01



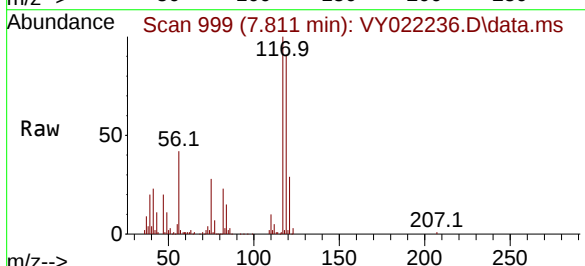
Tgt Ion: 43 Resp: 2133
Ion Ratio Lower Upper
43 100
61 17.9 13.8 20.6
70 14.1 9.2 13.8

Manual Integrations
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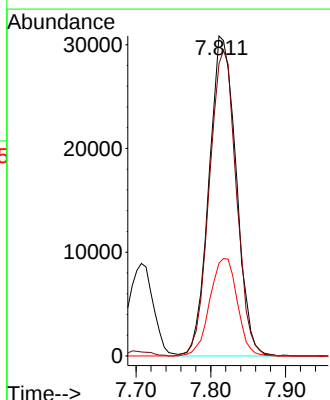
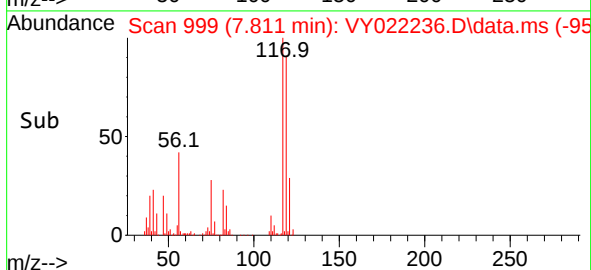
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

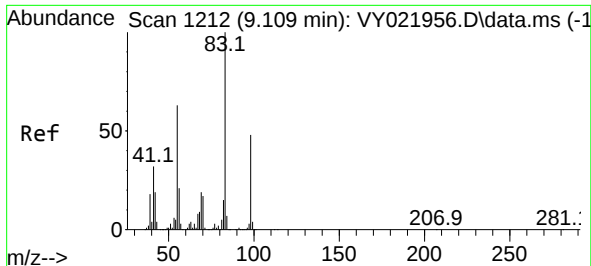


#38
Carbon Tetrachloride
Concen: 22.537 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04



Tgt Ion:117 Resp: 77784
Ion Ratio Lower Upper
117 100
119 91.3 76.2 114.4
121 29.0 24.0 36.0





#39

Methylcyclohexane

Concen: 20.801 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBSD01

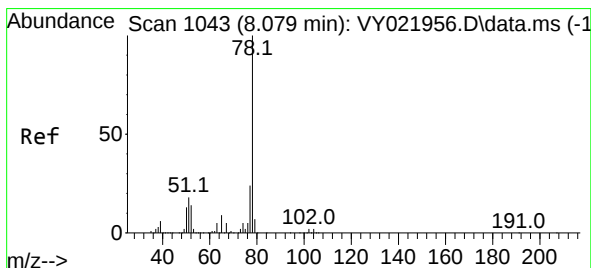
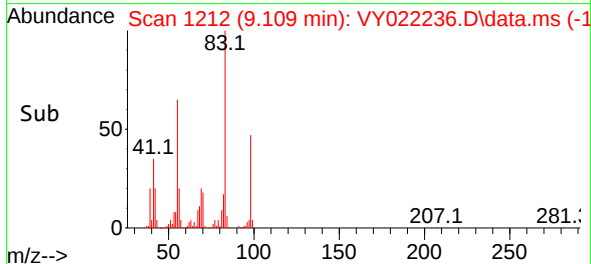
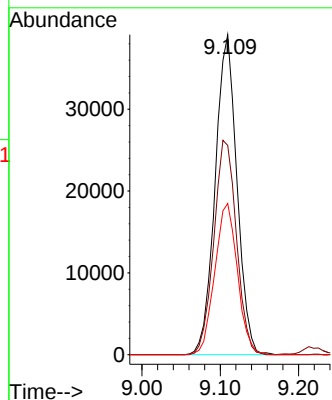
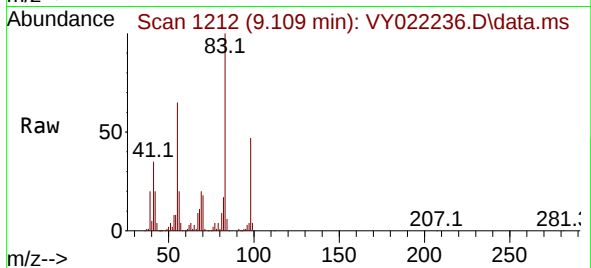
Tgt Ion: 83 Resp: 75608

Ion	Ratio	Lower	Upper
83	100		
55	65.4	50.6	75.8
98	47.3	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#40

Benzene

Concen: 22.080 ug/l

RT: 8.079 min Scan# 1043

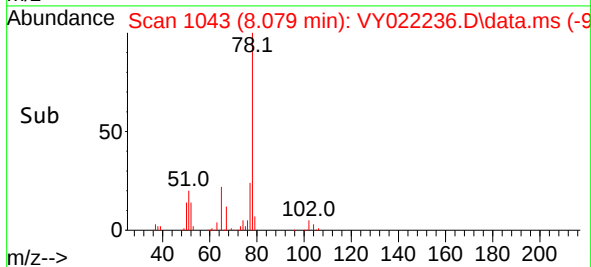
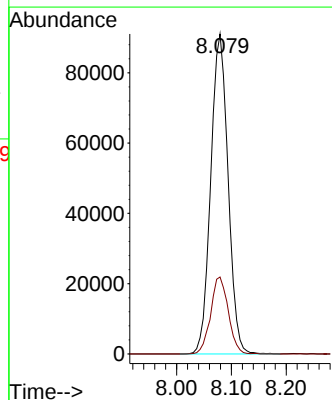
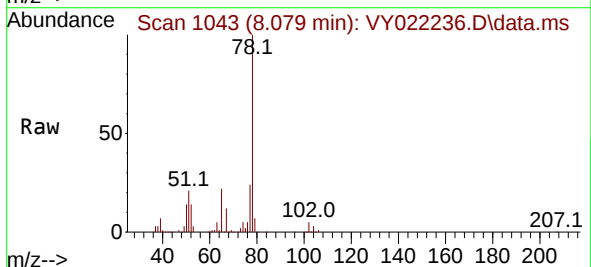
Delta R.T. -0.000 min

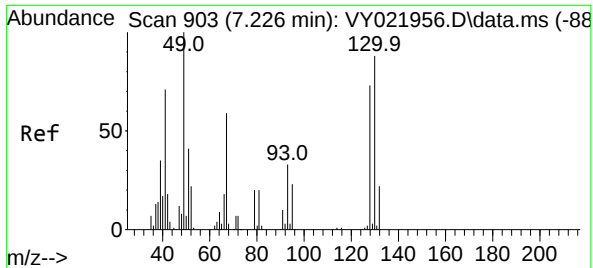
Lab File: VY022236.D

Acq: 13 May 2025 12:04

Tgt Ion: 78 Resp: 199354

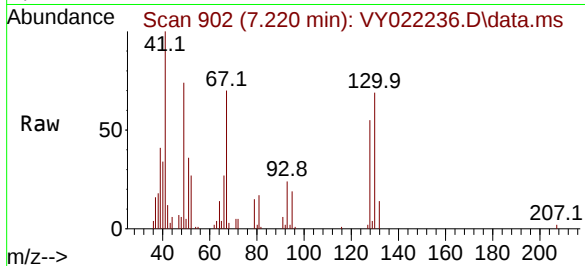
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9





#41
Methacrylonitrile
Concen: 23.159 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

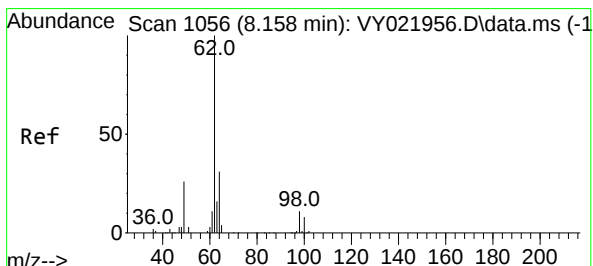
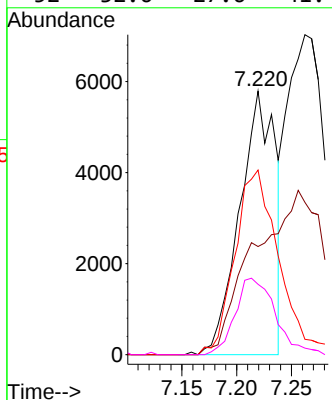
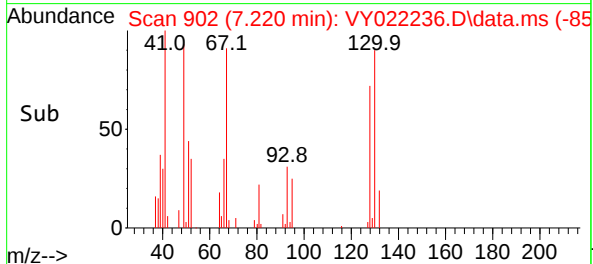
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



Tgt Ion: 41 Resp: 1313
Ion Ratio Lower Upper
41 100
39 0.0 36.6 55.0
67 86.2 72.2 108.4
52 32.6 27.6 41.4

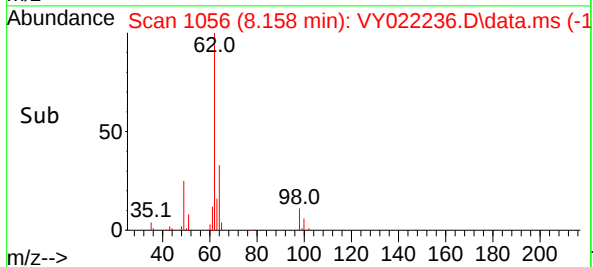
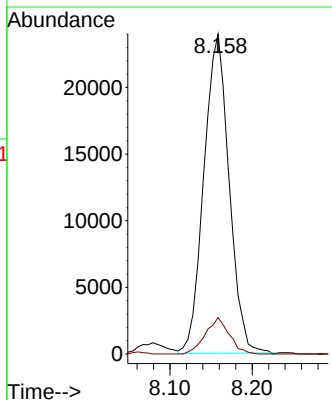
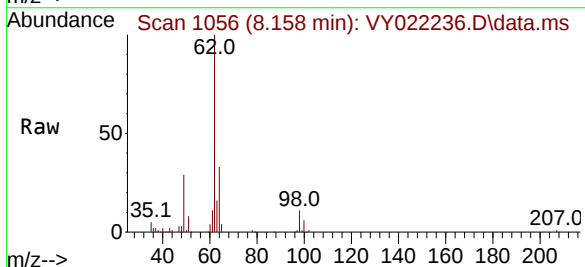
Manual Integrations
APPROVED

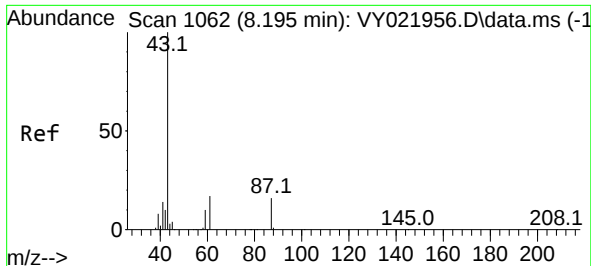
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#42
1,2-Dichloroethane
Concen: 22.823 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

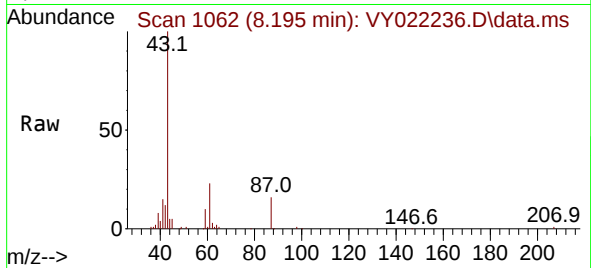
Tgt Ion: 62 Resp: 51020
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0





#43
Isopropyl Acetate
Concen: 23.113 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

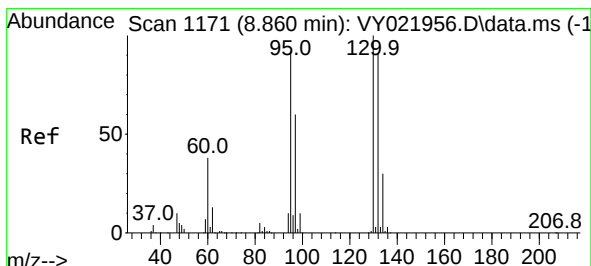
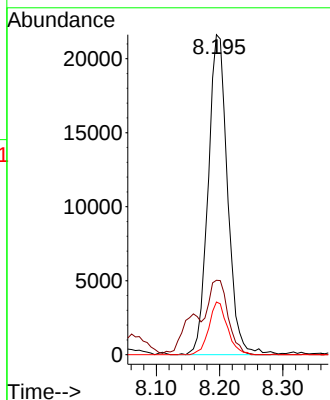
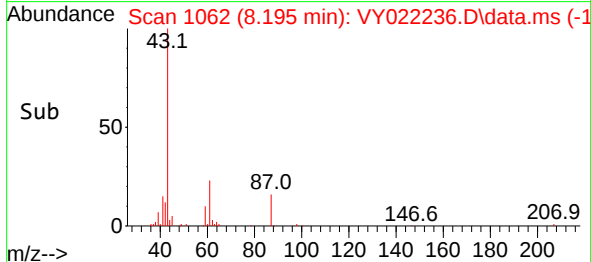
Instrument : MSVOA_Y
ClientSampleId : VY0513SBSD01



Tgt Ion: 43 Resp: 4604
Ion Ratio Lower Upper
43 100
61 24.6 18.9 28.3
87 15.7 13.7 20.5

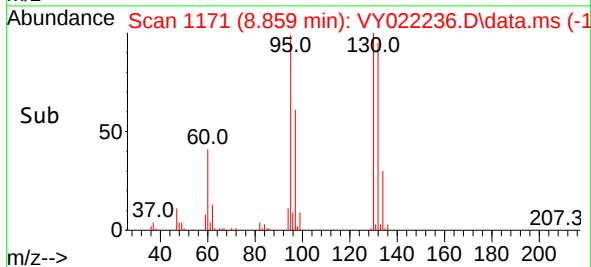
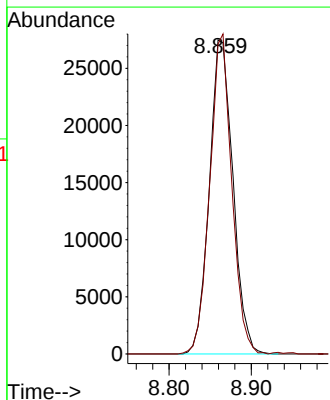
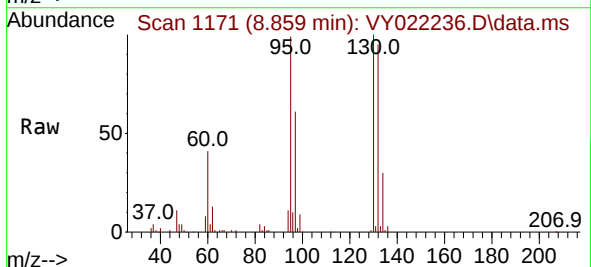
Manual Integrations
APPROVED

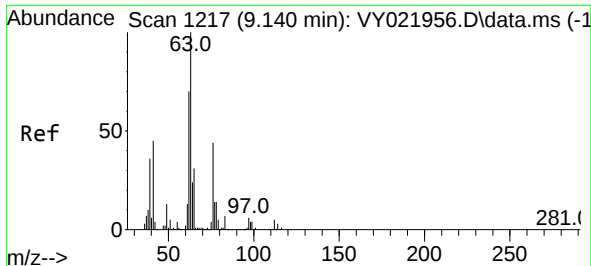
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#44
Trichloroethene
Concen: 21.897 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

Tgt Ion:130 Resp: 54762
Ion Ratio Lower Upper
130 100
95 98.6 0.0 183.2





#45

1,2-Dichloropropane

Concen: 23.045 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022236.D

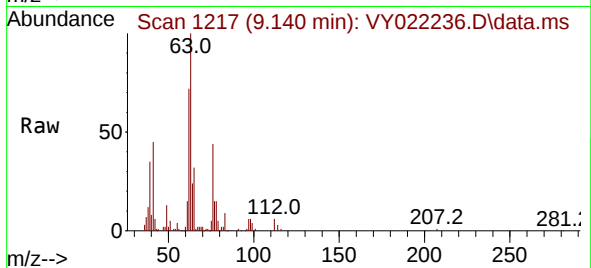
Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01



Tgt Ion: 63 Resp: 46014

Ion Ratio Lower Upper

63 100

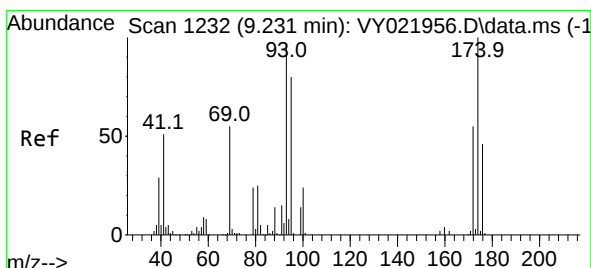
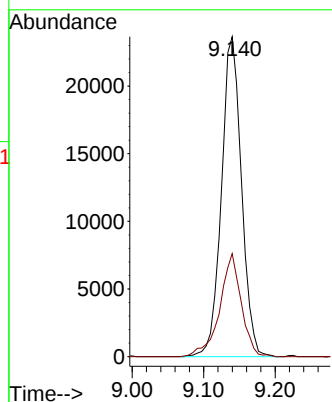
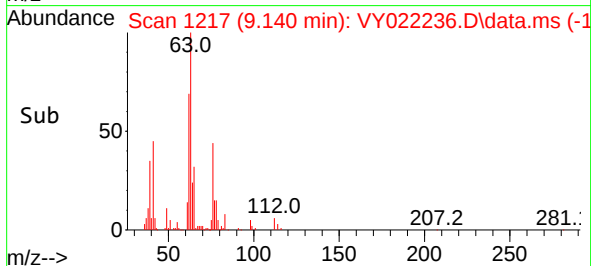
65 32.2 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#46

Dibromomethane

Concen: 22.406 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

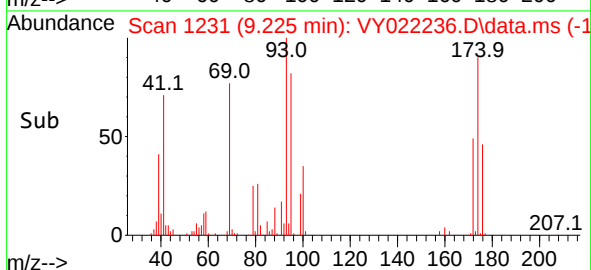
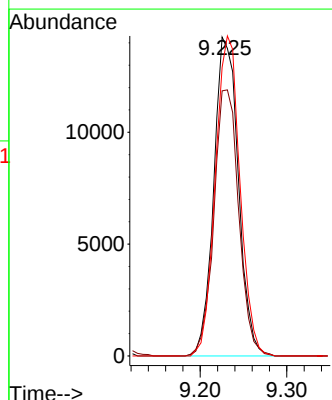
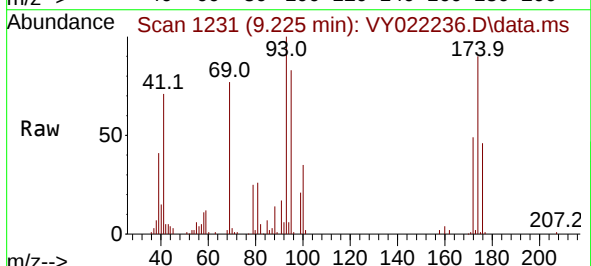
Tgt Ion: 93 Resp: 28006

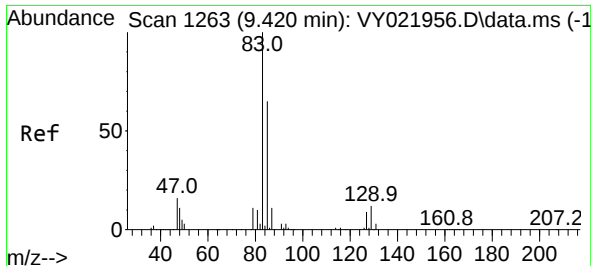
Ion Ratio Lower Upper

93 100

95 84.6 66.7 100.1

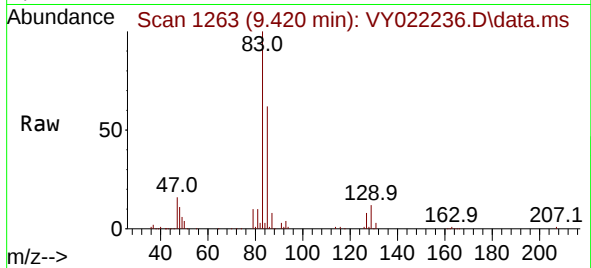
174 100.8 84.6 127.0





#47
Bromodichloromethane
Concen: 22.861 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

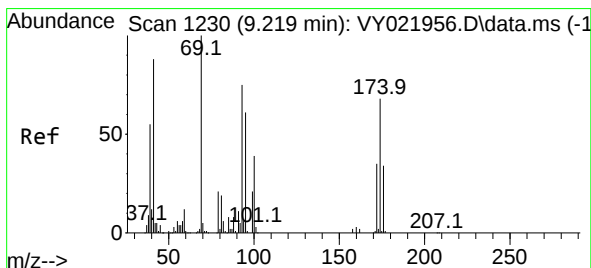
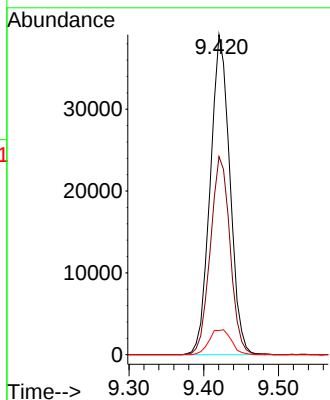
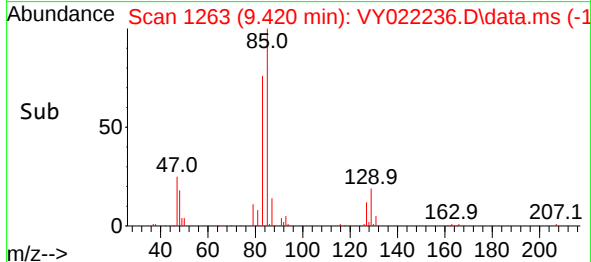
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



Tgt Ion: 83 Resp: 7138
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.8
127 7.6 7.0 10.6

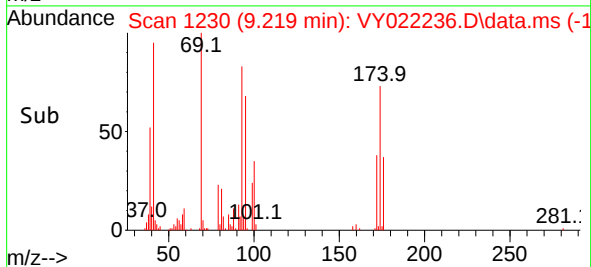
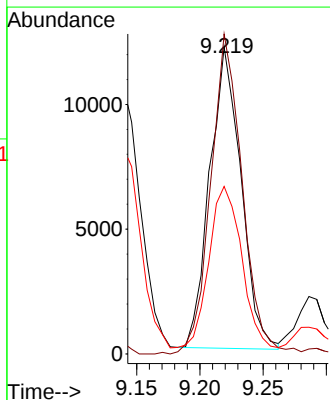
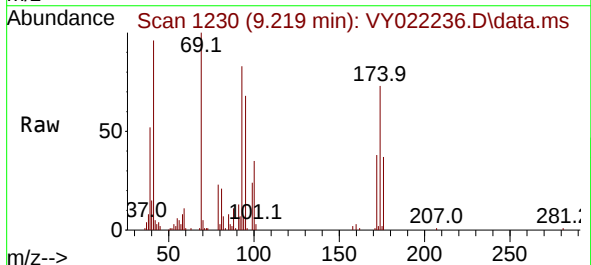
Manual Integrations
APPROVED

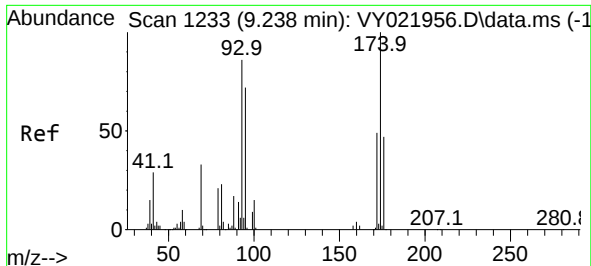
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#48
Methyl methacrylate
Concen: 22.502 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

Tgt Ion: 41 Resp: 20723
Ion Ratio Lower Upper
41 100
69 106.9 85.5 128.3
39 55.9 46.2 69.4





#49

1,4-Dioxane

Concen: 425.160 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

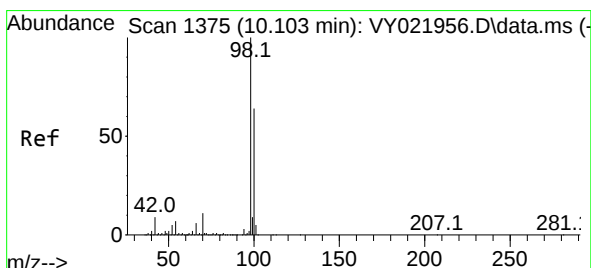
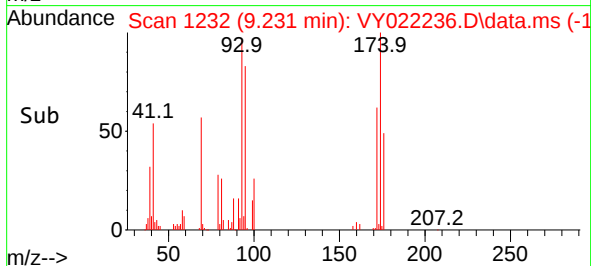
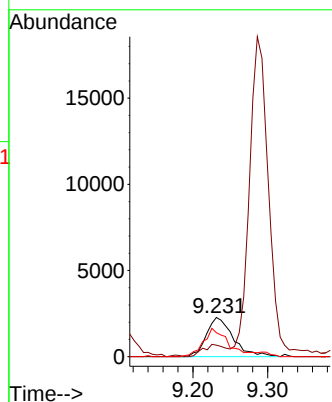
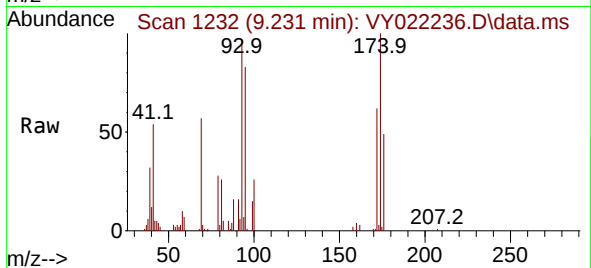
VY0513SBSD01

Tgt Ion:	88	Resp:	566
Ion	Ratio	Lower	Upper
88	100		
43	26.8	21.3	31.9
58	67.0	50.5	75.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#50

Toluene-d8

Concen: 52.727 ug/l

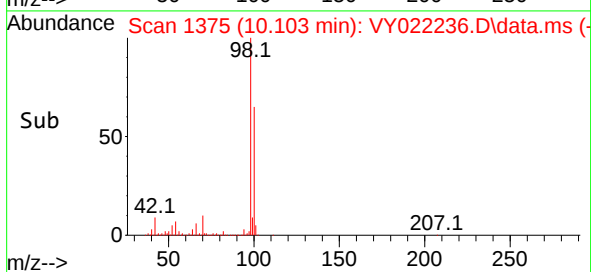
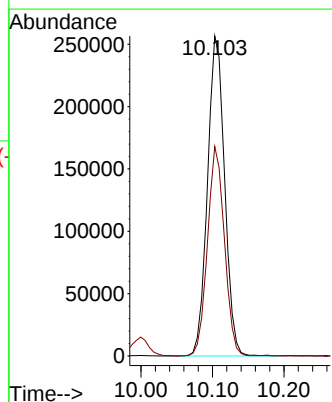
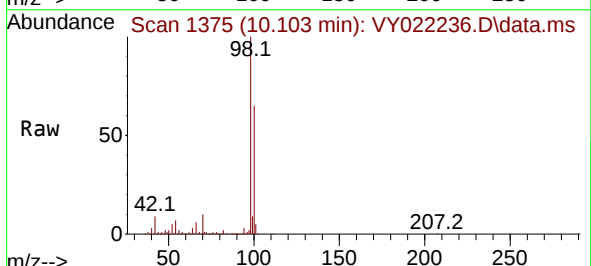
RT: 10.103 min Scan# 1375

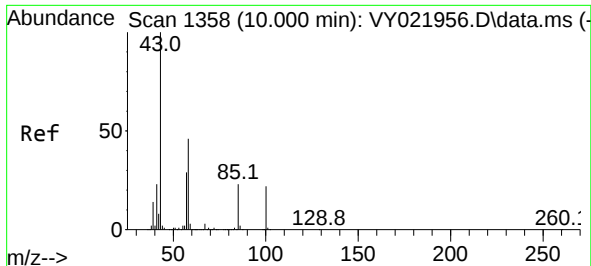
Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

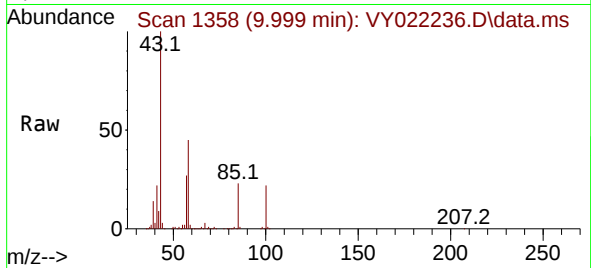
Tgt Ion:	98	Resp:	427429
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 116.779 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

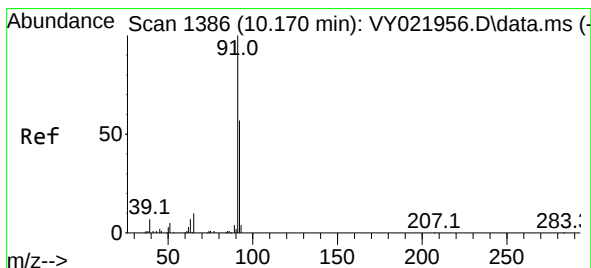
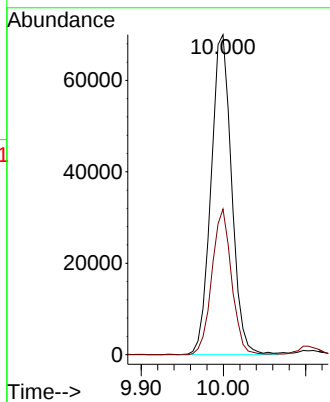
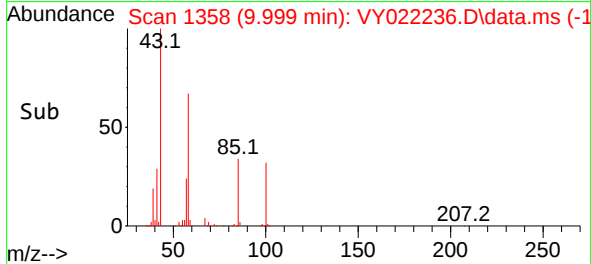
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



Tgt Ion: 43 Resp: 121954
Ion Ratio Lower Upper
43 100
58 43.5 36.6 55.0

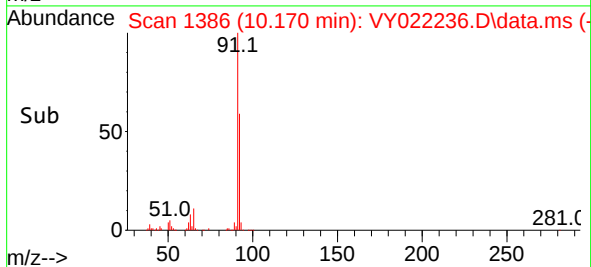
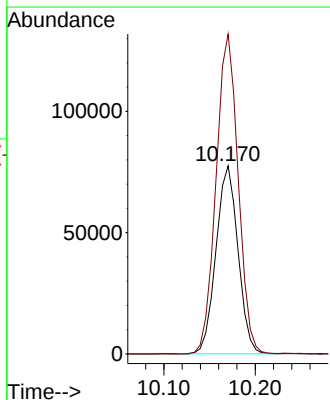
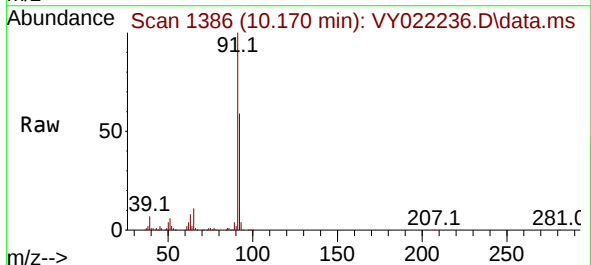
Manual Integrations
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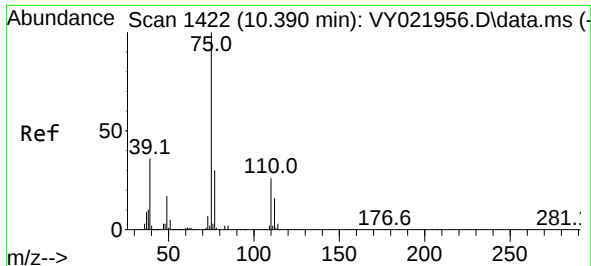
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#52
Toluene
Concen: 22.126 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

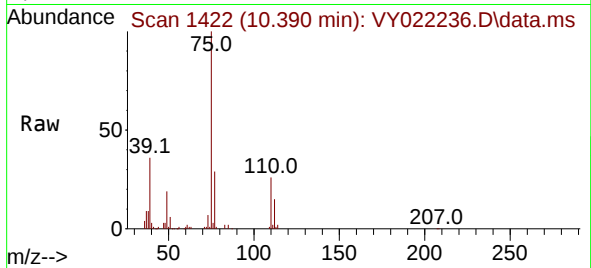
Tgt Ion: 92 Resp: 129313
Ion Ratio Lower Upper
92 100
91 171.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 21.995 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

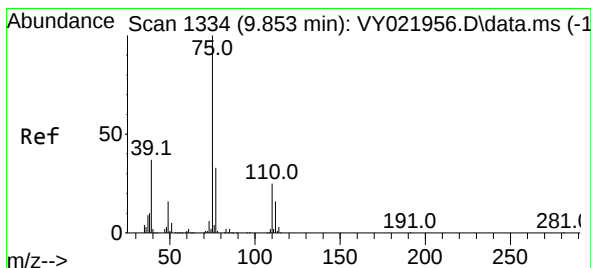
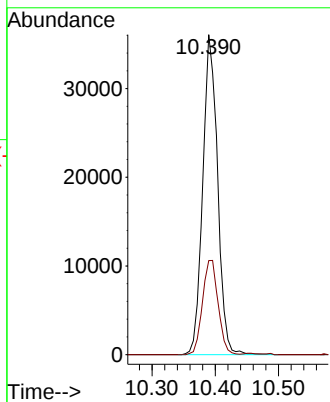
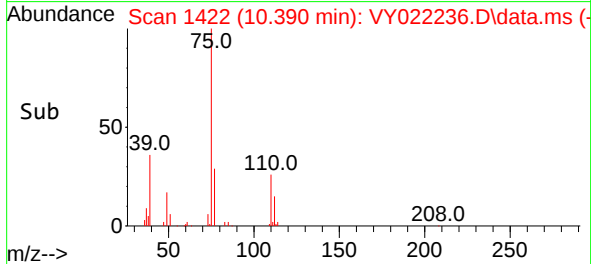
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



Tgt Ion: 75 Resp: 58909
Ion Ratio Lower Upper
75 100
77 29.4 24.0 36.0

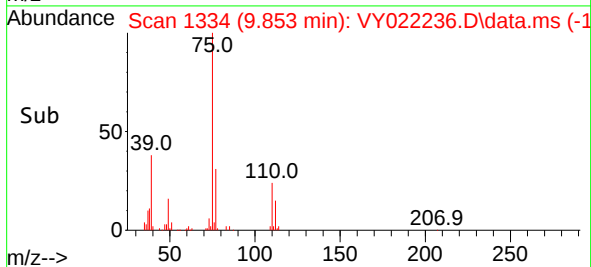
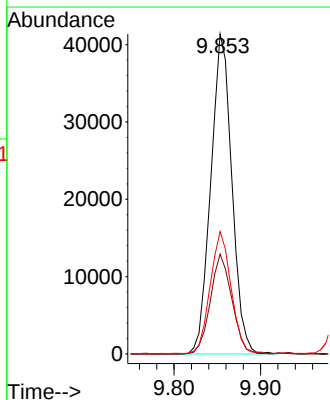
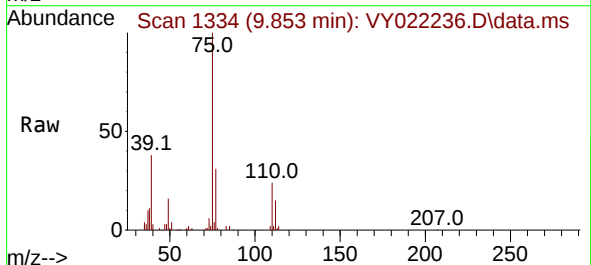
Manual Integrations
APPROVED

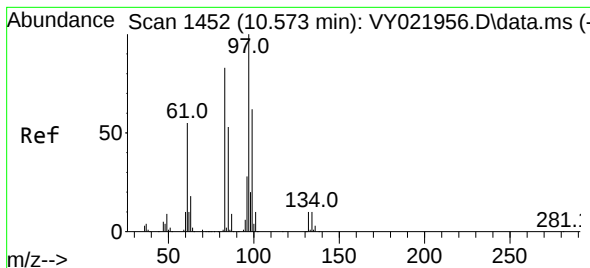
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#54
cis-1,3-Dichloropropene
Concen: 21.934 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

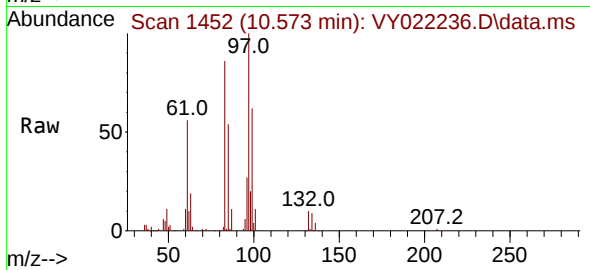
Tgt Ion: 75 Resp: 69831
Ion Ratio Lower Upper
75 100
77 31.2 26.6 40.0
39 38.1 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 22.877 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

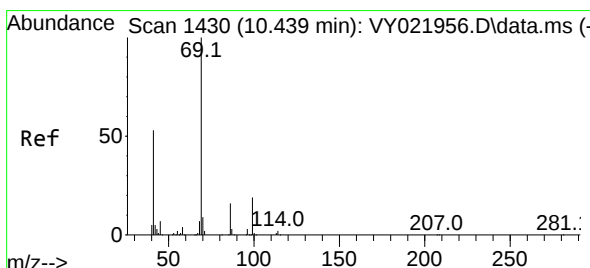
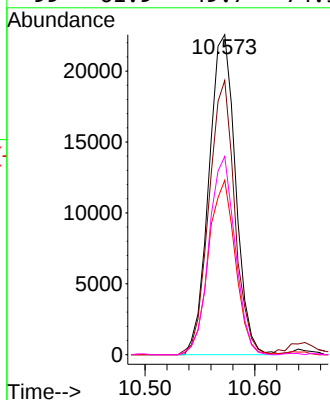
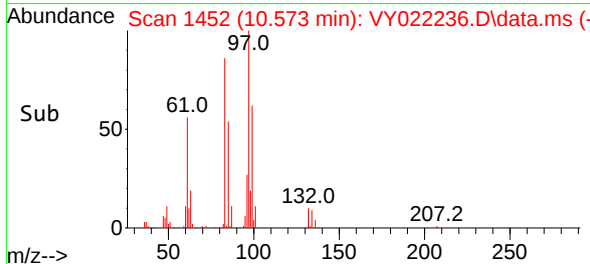


Tgt Ion: 97 Resp: 38195

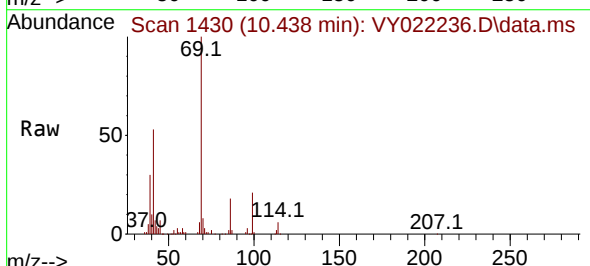
Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.7	100.1
85	54.5	42.6	64.0
99	61.9	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

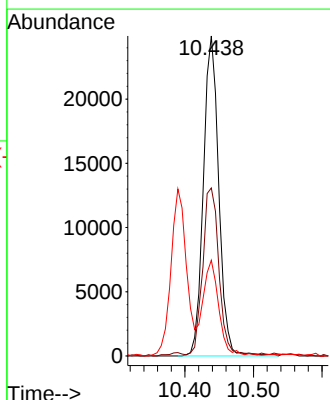
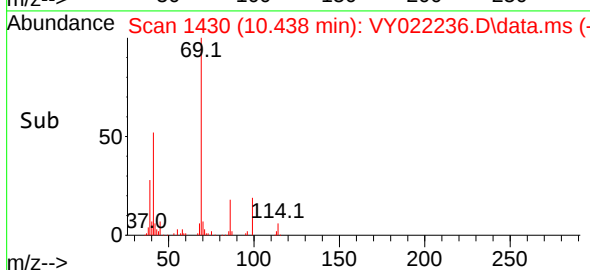


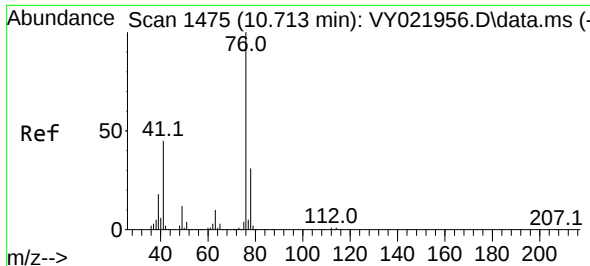
#56
Ethyl methacrylate
Concen: 20.424 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04



Tgt Ion: 69 Resp: 38995

Ion	Ratio	Lower	Upper
69	100		
41	54.4	40.7	61.1
39	30.1	23.3	34.9





#57

1,3-Dichloropropane

Concen: 22.729 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBSD01

Tgt Ion: 76 Resp: 60830

Ion Ratio Lower Upper

76 100

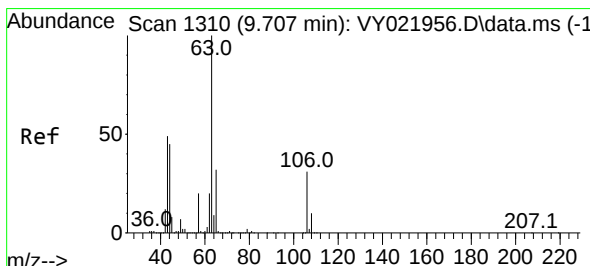
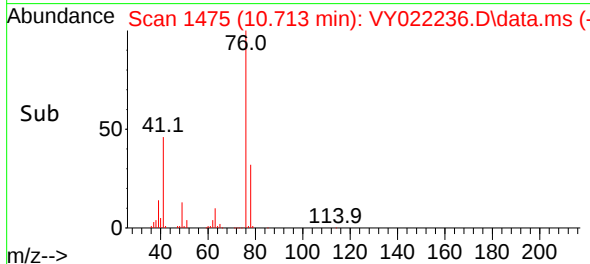
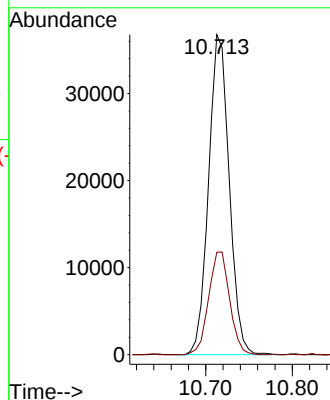
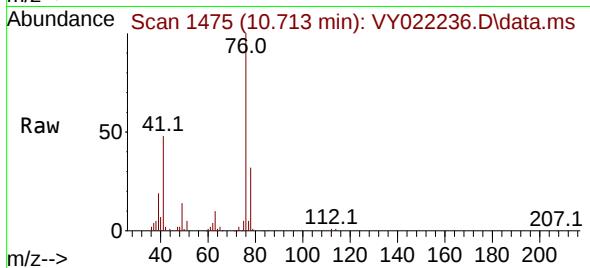
78 32.7 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#58

2-Chloroethyl Vinyl ether

Concen: 106.516 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022236.D

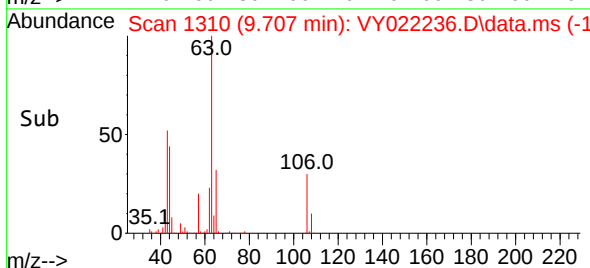
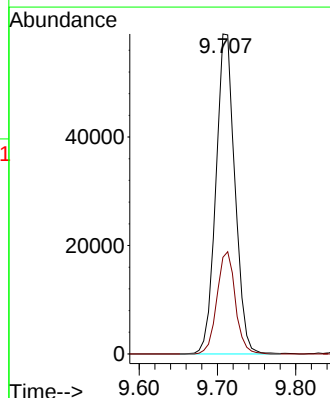
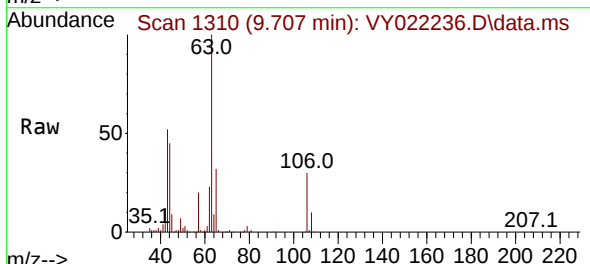
Acq: 13 May 2025 12:04

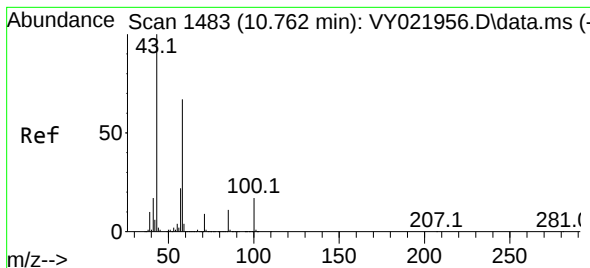
Tgt Ion: 63 Resp: 99434

Ion Ratio Lower Upper

63 100

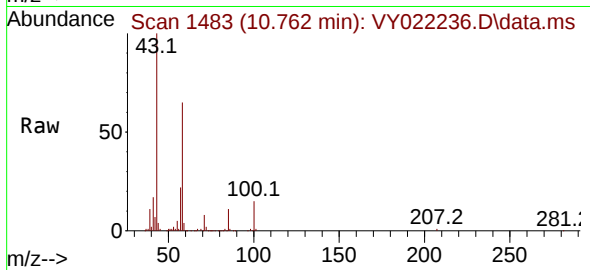
106 30.9 25.3 37.9





#59
2-Hexanone
Concen: 113.751 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

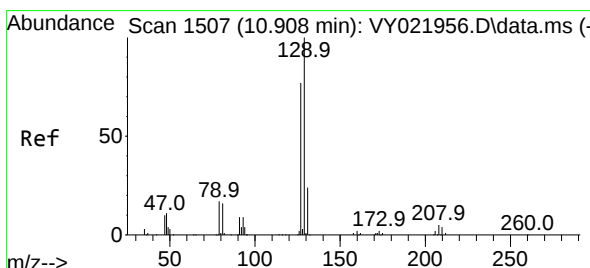
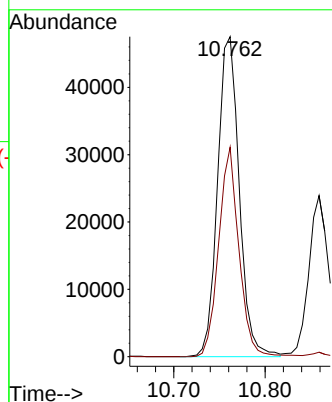
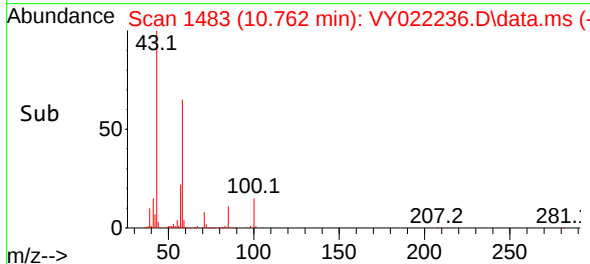
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



Tgt Ion: 43 Resp: 7835
Ion Ratio Lower Upper
43 100
58 61.3 32.0 96.0

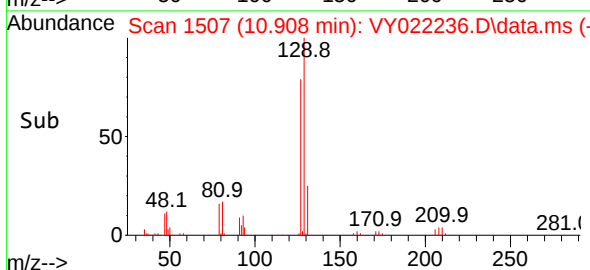
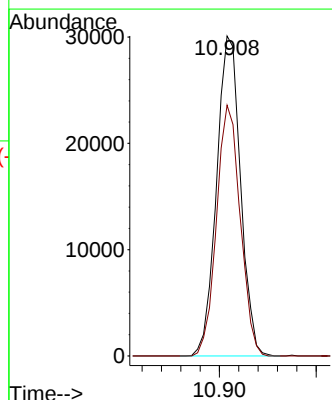
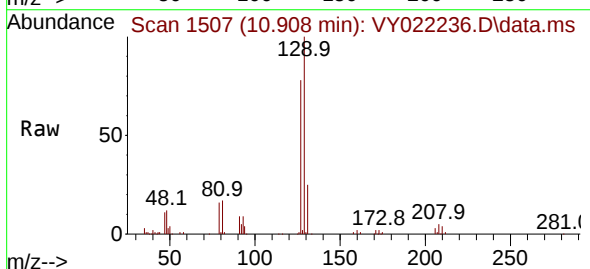
Manual Integrations
APPROVED

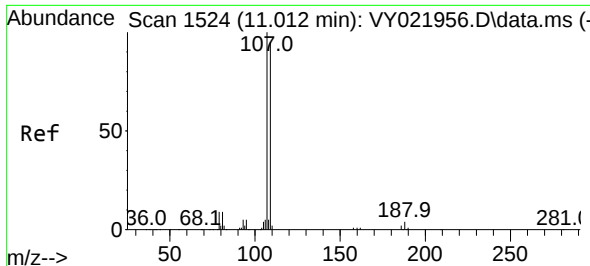
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#60
Dibromochloromethane
Concen: 22.357 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

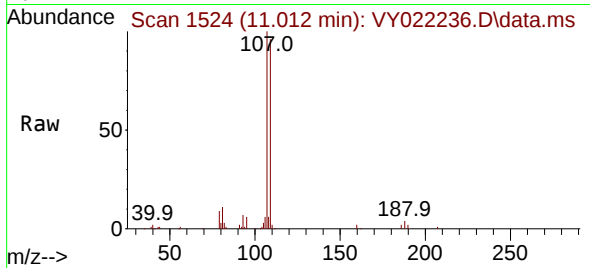
Tgt Ion:129 Resp: 51680
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61
1,2-Dibromoethane
Concen: 22.580 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

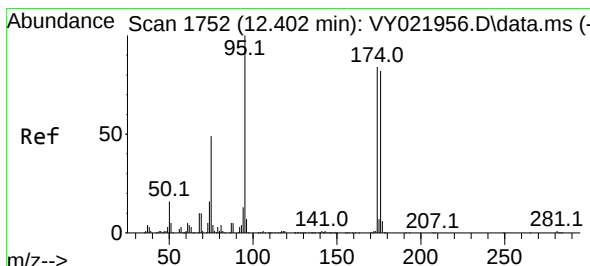
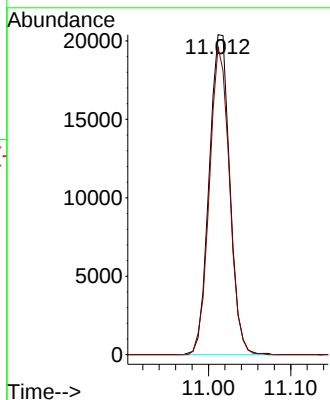
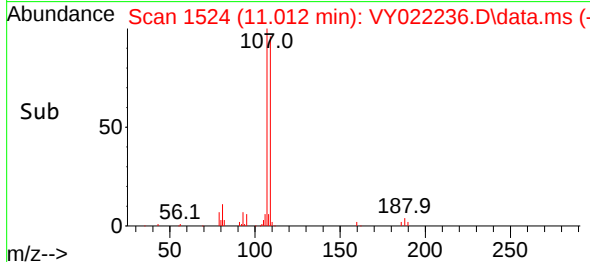
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



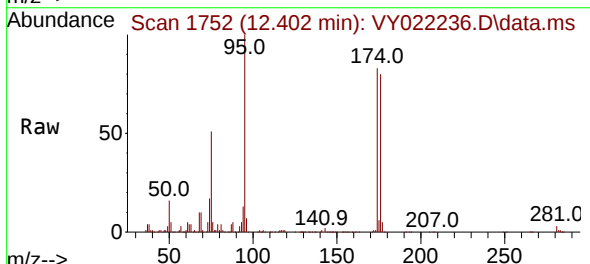
Tgt Ion:107 Resp: 35590
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.8

Manual Integrations
APPROVED

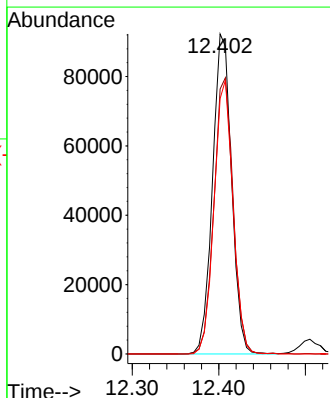
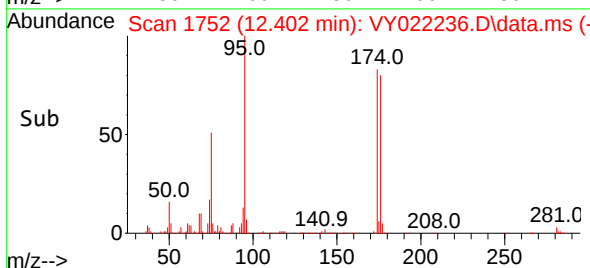
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

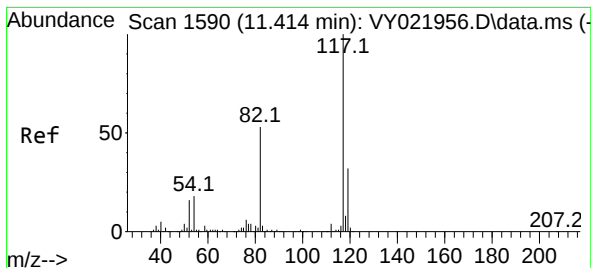


#62
4-Bromofluorobenzene
Concen: 51.567 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04



Tgt Ion: 95 Resp: 140724
Ion Ratio Lower Upper
95 100
174 87.5 0.0 179.0
176 85.1 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022236.D

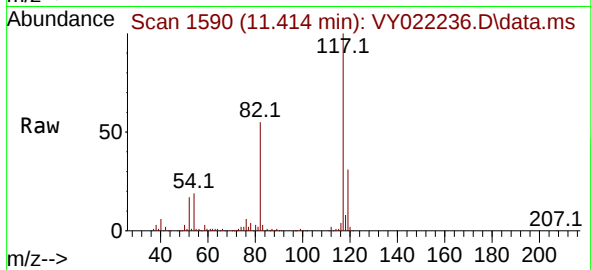
Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01



Tgt Ion:117 Resp: 293284

Ion Ratio Lower Upper

117 100

82 54.7 42.1 63.1

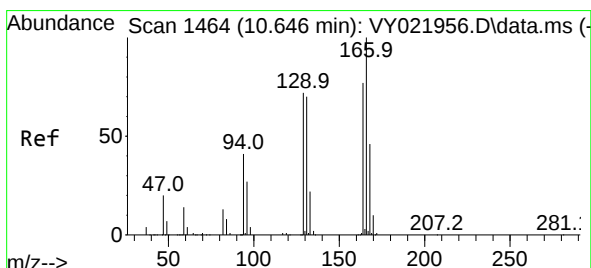
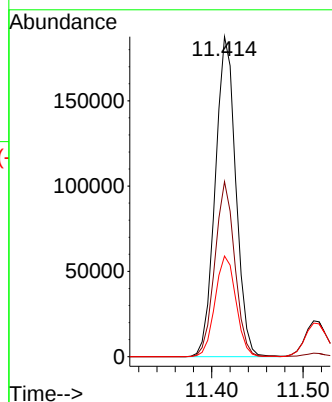
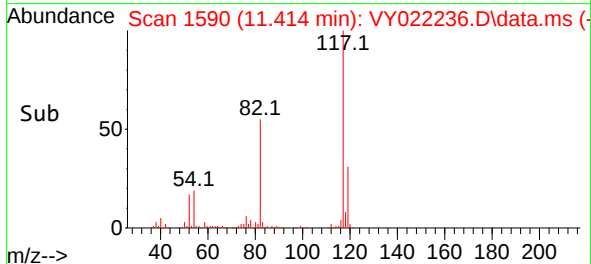
119 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#64

Tetrachloroethene

Concen: 21.245 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Tgt Ion:164 Resp: 58780

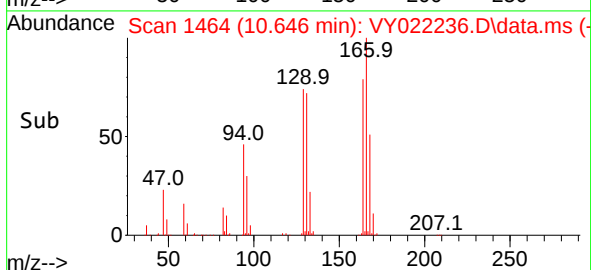
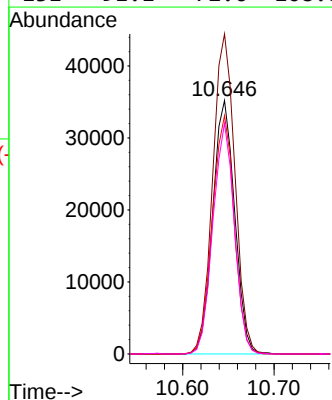
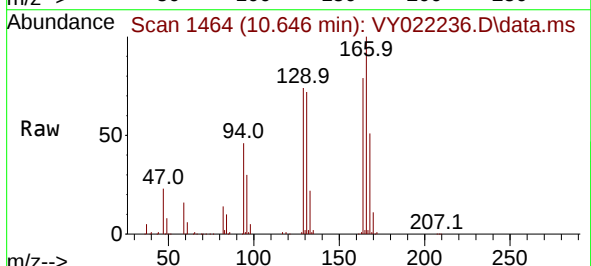
Ion Ratio Lower Upper

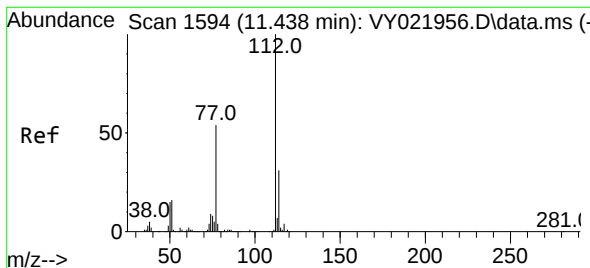
164 100

166 126.3 103.6 155.4

129 94.1 74.2 111.4

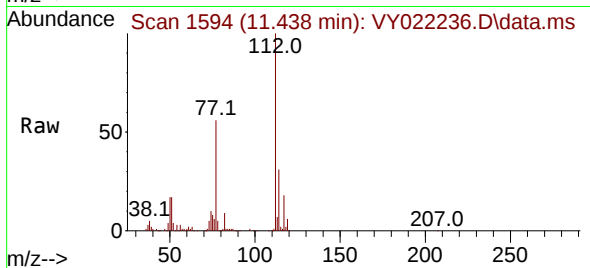
131 91.1 72.6 108.8





#65
Chlorobenzene
Concen: 22.158 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

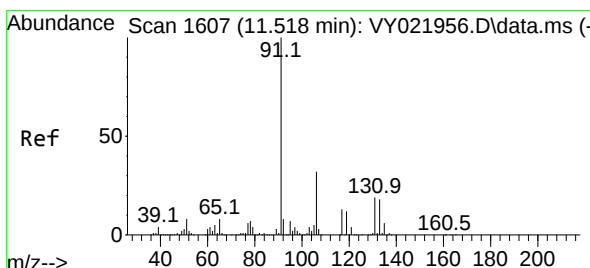
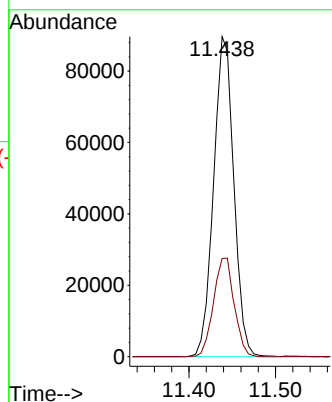
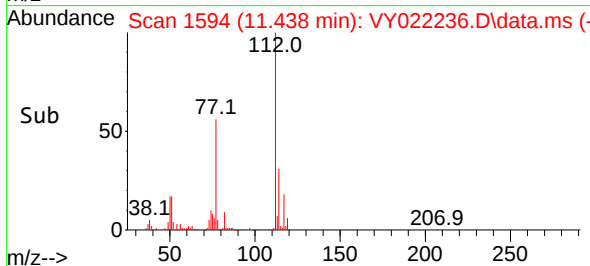
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



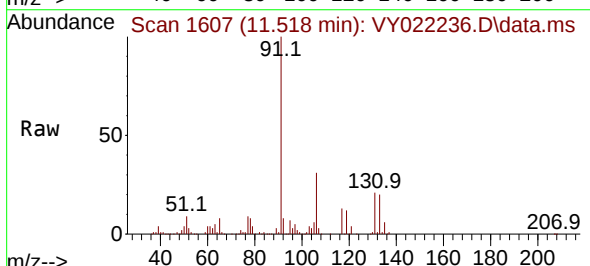
Tgt Ion:112 Resp: 145320
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4

Manual Integrations
APPROVED

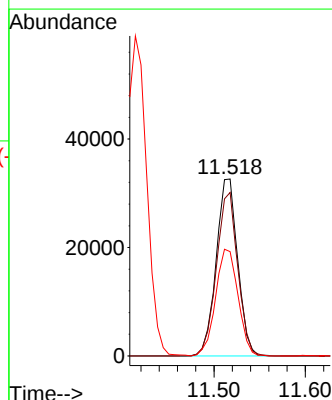
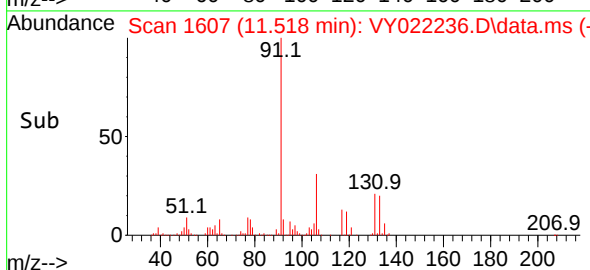
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

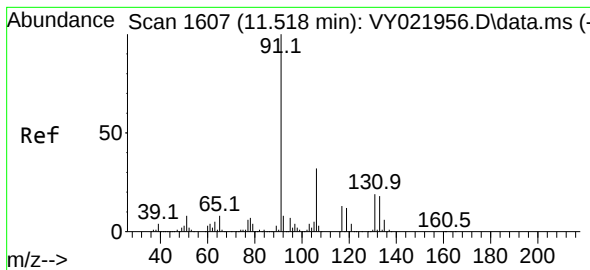


#66
1,1,1,2-Tetrachloroethane
Concen: 23.091 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04



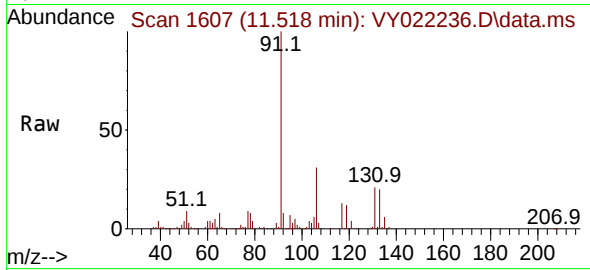
Tgt Ion:131 Resp: 53317
Ion Ratio Lower Upper
131 100
133 91.8 47.8 143.3
119 63.0 32.4 97.0





#67
Ethyl Benzene
Concen: 21.294 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

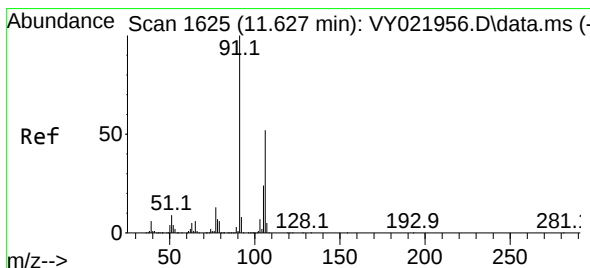
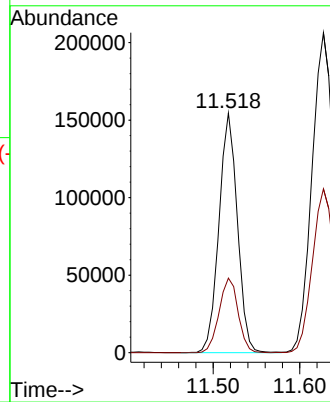
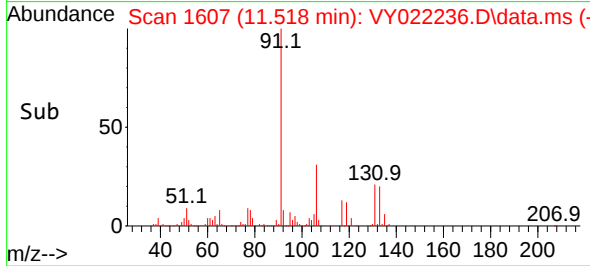
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



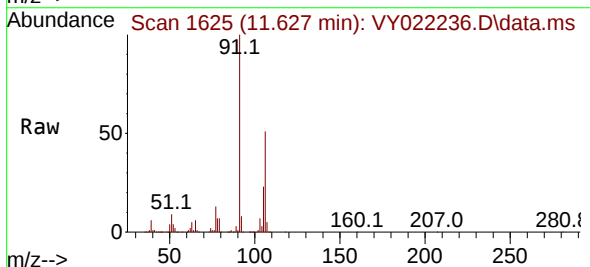
Tgt Ion: 91 Resp: 228463
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9

Manual Integrations
APPROVED

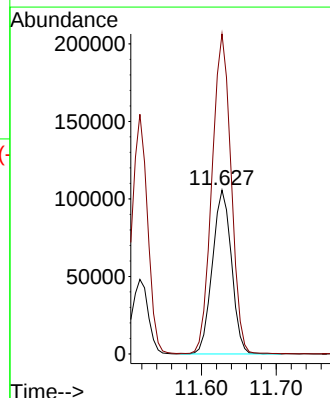
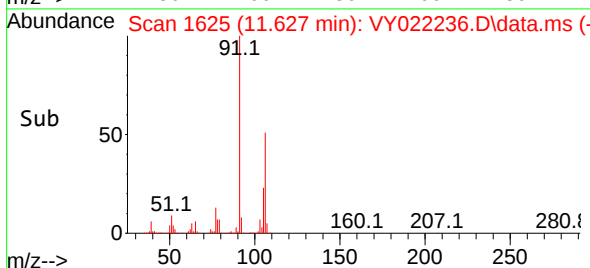
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

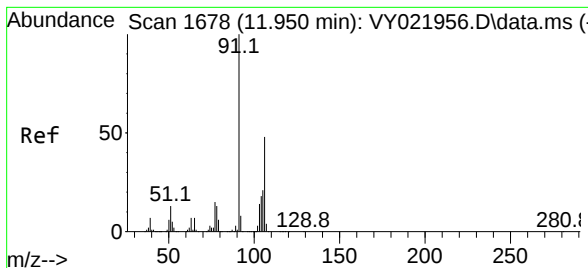


#68
m/p-Xylenes
Concen: 43.823 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04



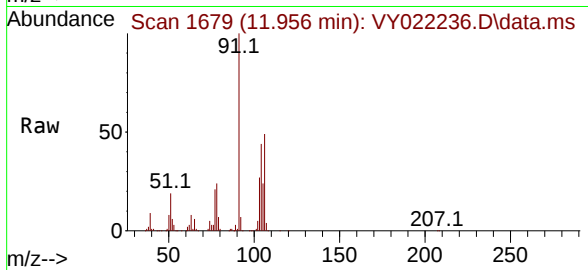
Tgt Ion:106 Resp: 187089
Ion Ratio Lower Upper
106 100
91 195.7 156.2 234.2





#69
o-Xylene
Concen: 21.548 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

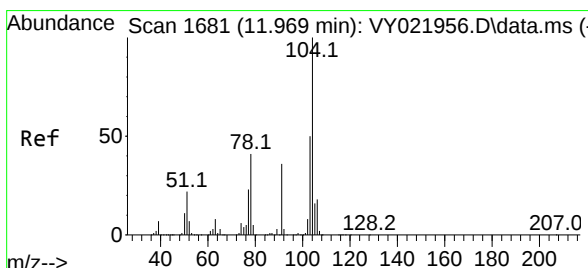
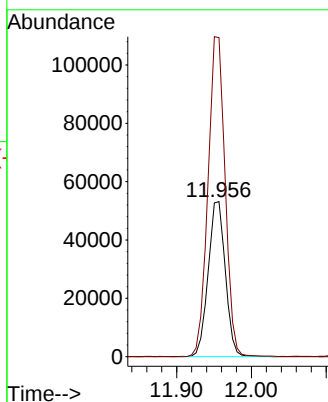
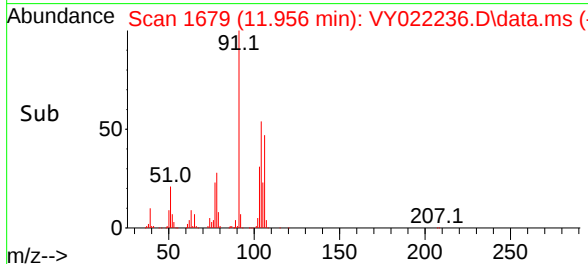
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



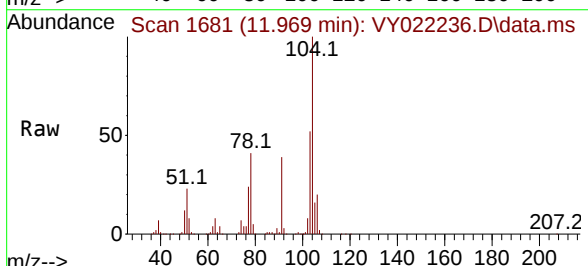
Tgt Ion:106 Resp: 84788
Ion Ratio Lower Upper
106 100
91 206.2 103.0 308.9

Manual Integrations
APPROVED

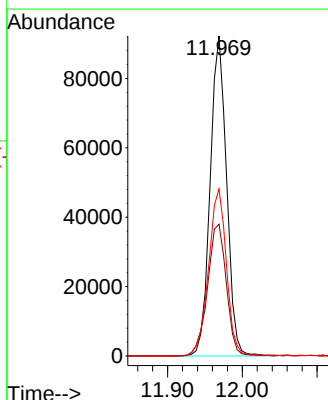
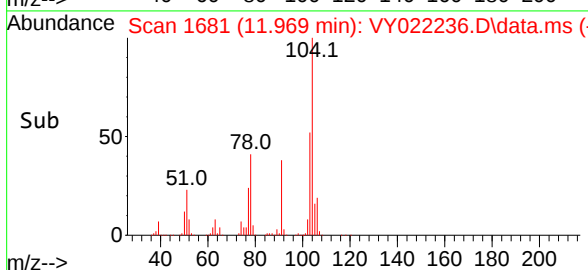
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

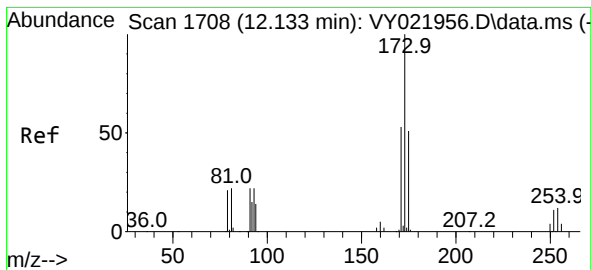


#70
Styrene
Concen: 21.326 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04



Tgt Ion:104 Resp: 140898
Ion Ratio Lower Upper
104 100
78 47.2 36.6 54.8
103 57.0 43.8 65.8





#71

Bromoform

Concen: 22.055 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

Tgt Ion:173 Resp: 2960

Ion Ratio Lower Upper

173 100

175 51.2 24.3 72.8

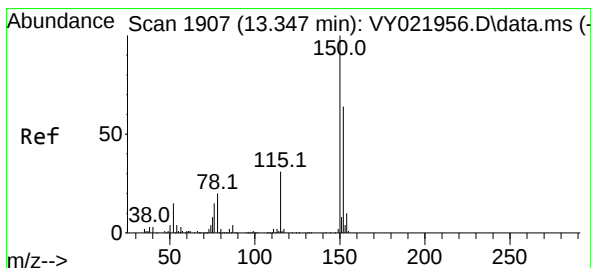
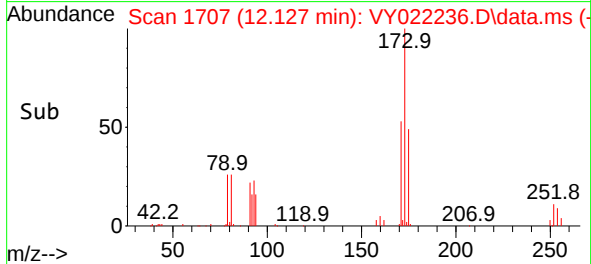
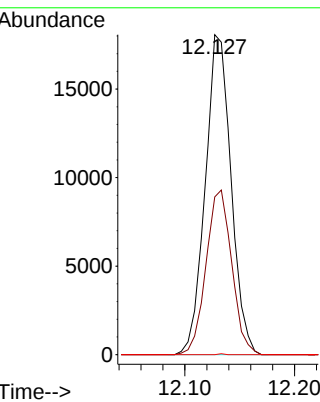
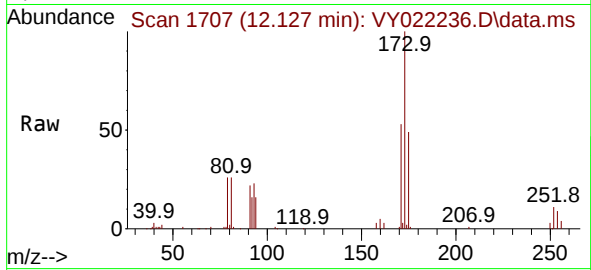
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

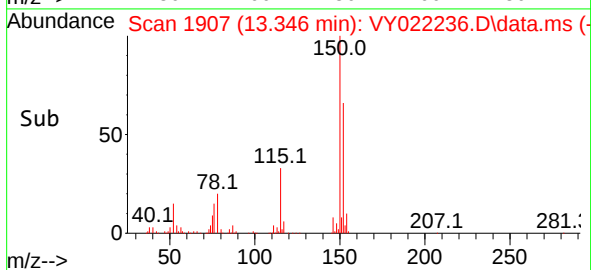
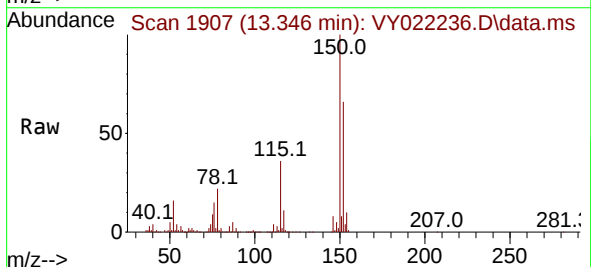
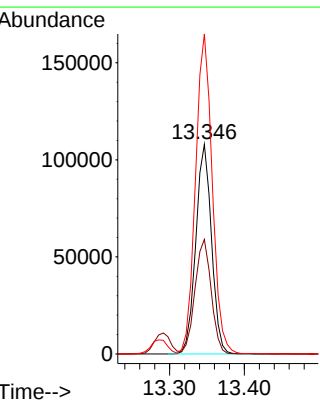
Tgt Ion:152 Resp: 157507

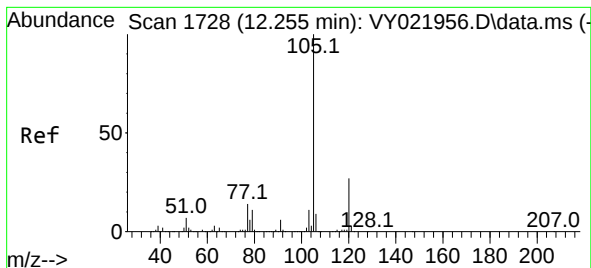
Ion Ratio Lower Upper

152 100

115 56.4 28.0 84.0

150 162.7 0.0 345.6





#73

Isopropylbenzene

Concen: 21.042 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

Tgt Ion:105 Resp: 221429

Ion Ratio Lower Upper

105 100

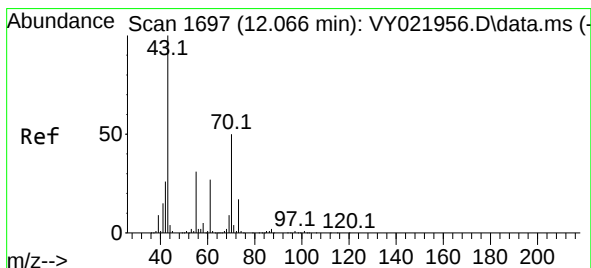
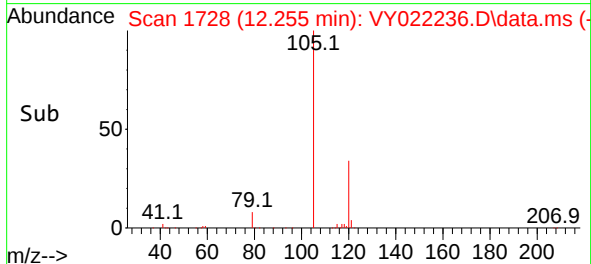
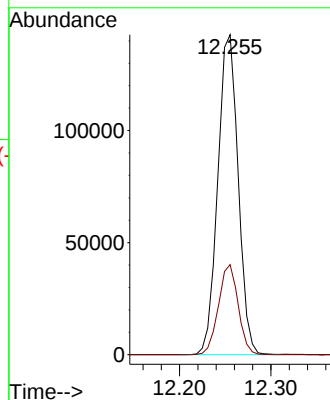
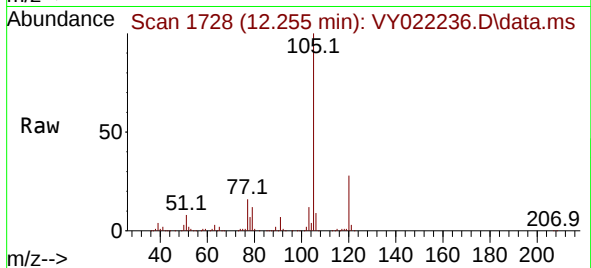
120 27.3 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#74

N-ethyl acetate

Concen: 21.476 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Tgt Ion: 43 Resp: 38828

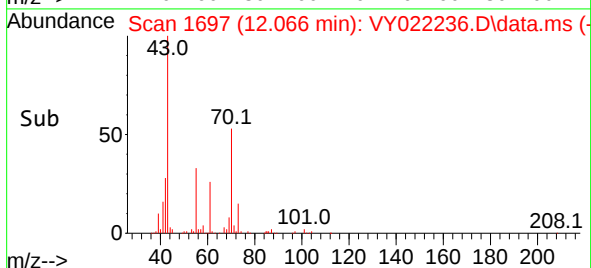
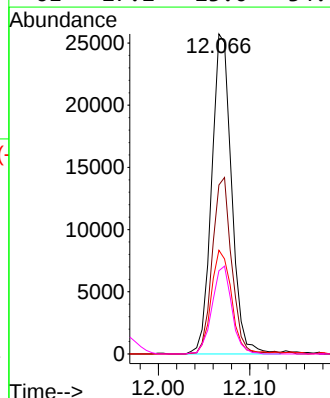
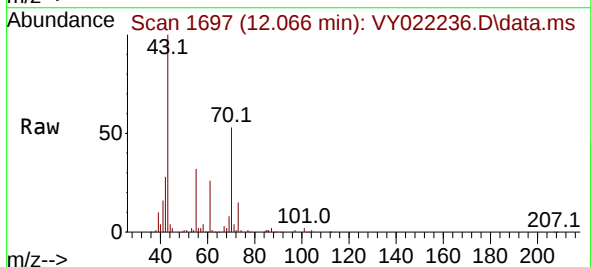
Ion Ratio Lower Upper

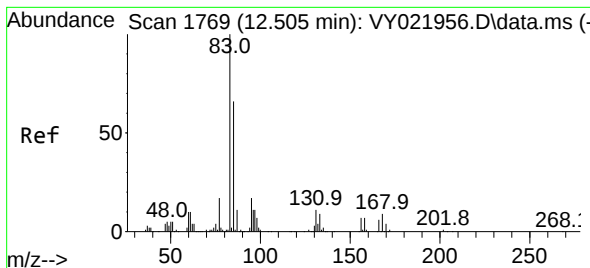
43 100

70 53.3 43.2 64.8

55 33.2 25.7 38.5

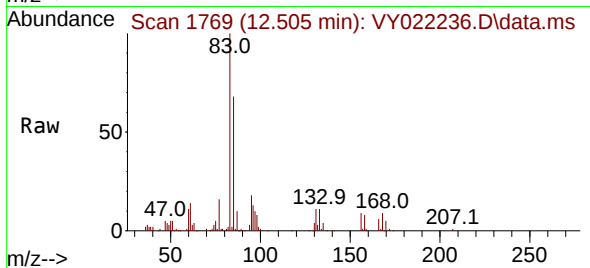
61 27.2 23.0 34.6





#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.939 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022236.D
 Acq: 13 May 2025 12:04

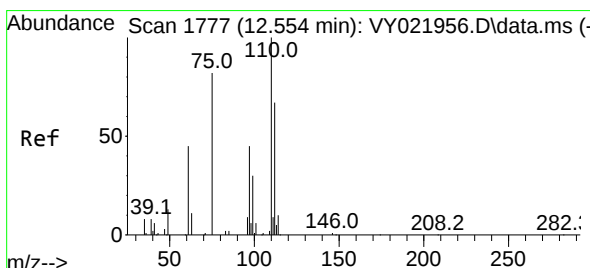
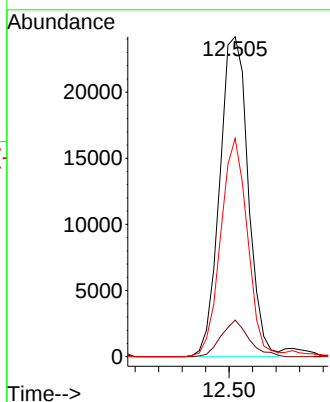
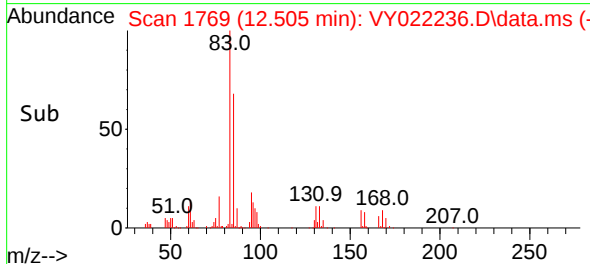
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01



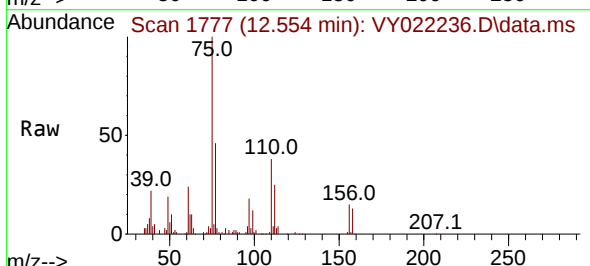
Tgt Ion: 83 Resp: 4069
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.5 16.4
 85 64.6 32.3 96.8

Manual Integrations
 APPROVED

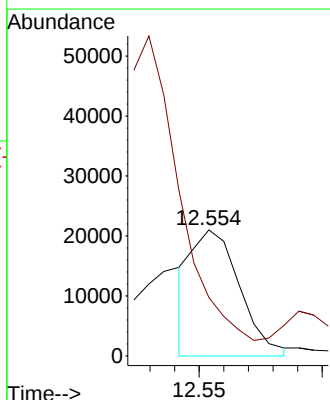
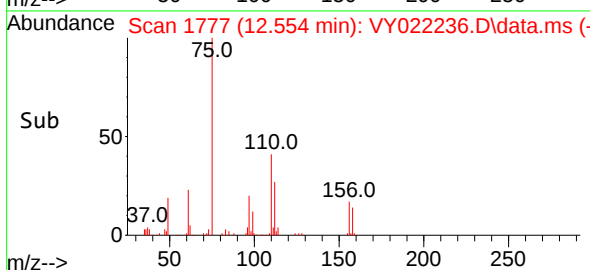
Reviewed By :Mahesh Dadoda 05/14/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025

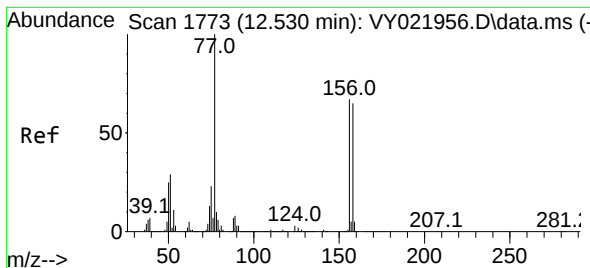


#76
 1,2,3-Trichloropropane
 Concen: 21.352 ug/l m
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022236.D
 Acq: 13 May 2025 12:04



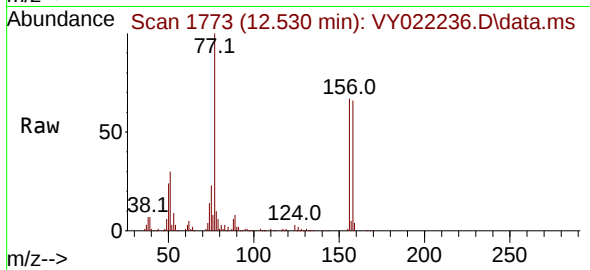
Tgt Ion: 75 Resp: 28806
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 21.645 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

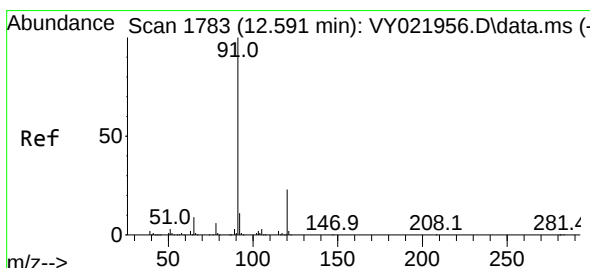
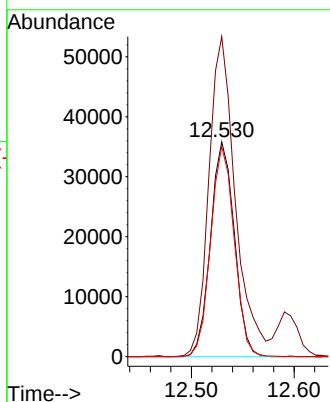
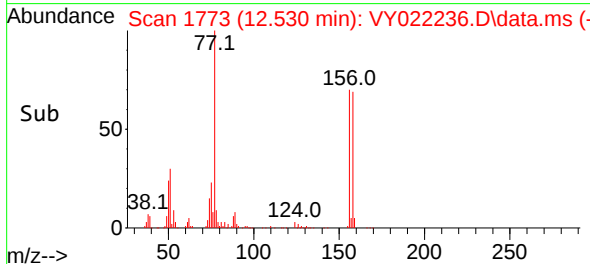
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



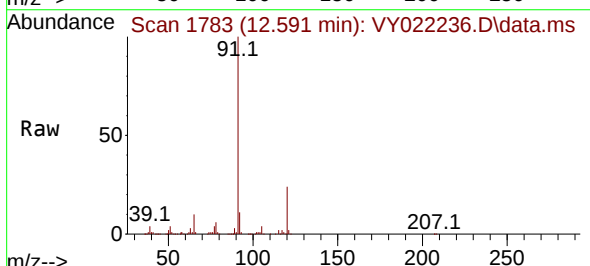
Tgt Ion:156 Resp: 57550
Ion Ratio Lower Upper
156 100
77 165.4 82.7 248.1
158 97.0 48.1 144.4

Manual Integrations
APPROVED

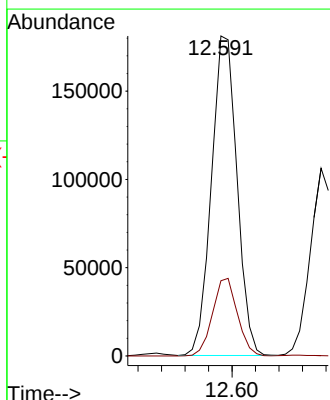
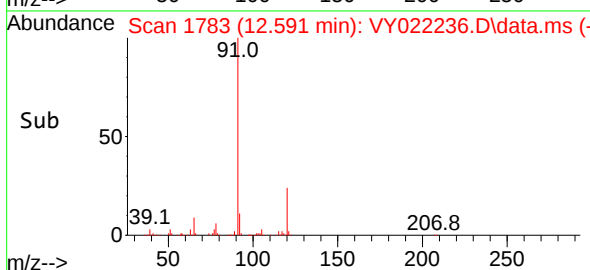
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

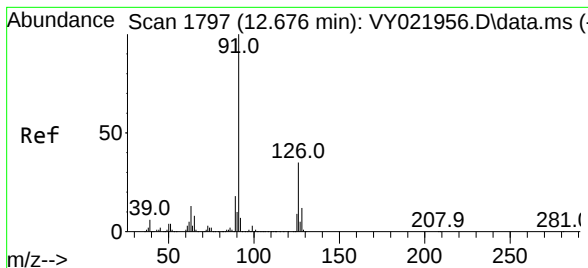


#78
n-propylbenzene
Concen: 21.844 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04



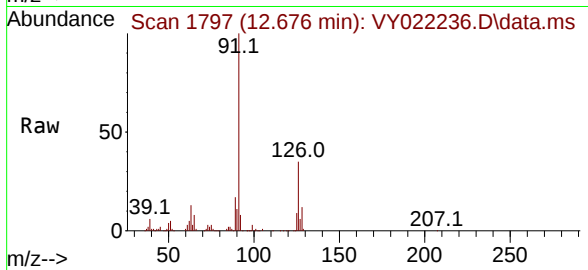
Tgt Ion: 91 Resp: 273749
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79
2-Chlorotoluene
Concen: 21.927 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

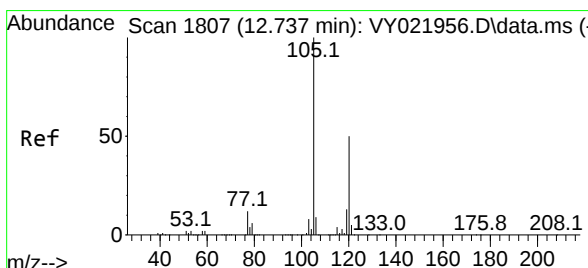
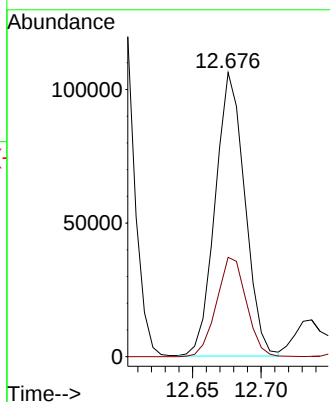
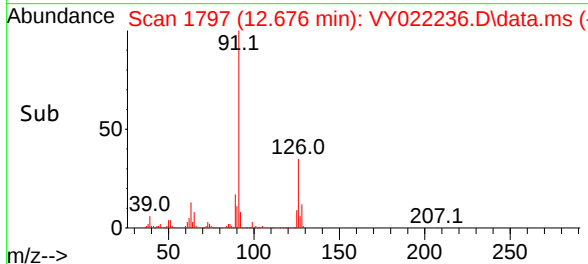
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01



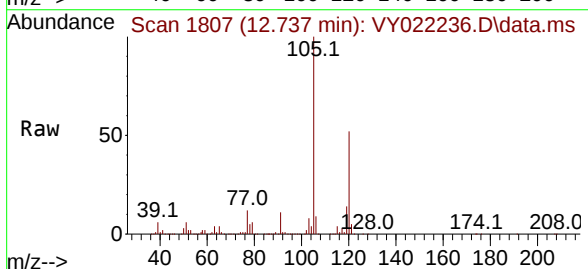
Tgt Ion: 91 Resp: 159809
Ion Ratio Lower Upper
91 100
126 35.3 17.9 53.8

Manual Integrations
APPROVED

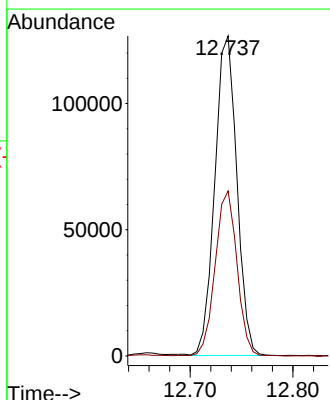
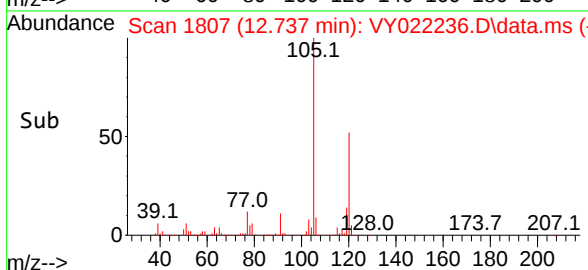
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

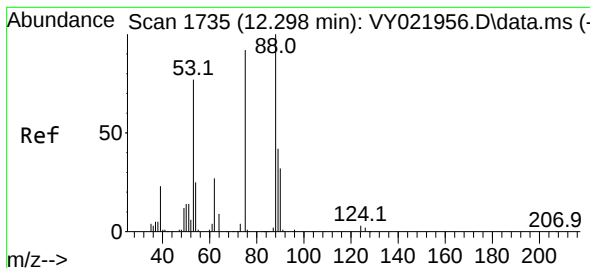


#80
1,3,5-Trimethylbenzene
Concen: 21.709 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04



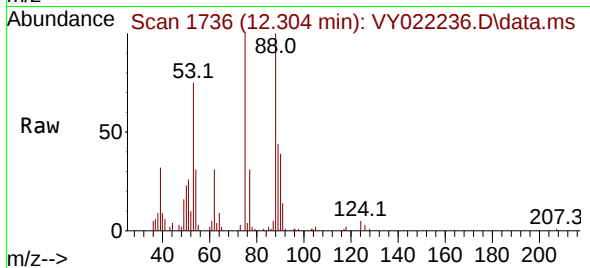
Tgt Ion:105 Resp: 188225
Ion Ratio Lower Upper
105 100
120 51.3 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 22.107 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

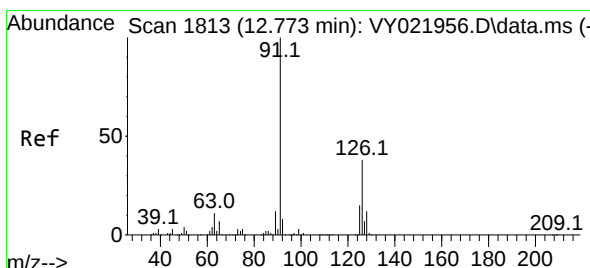
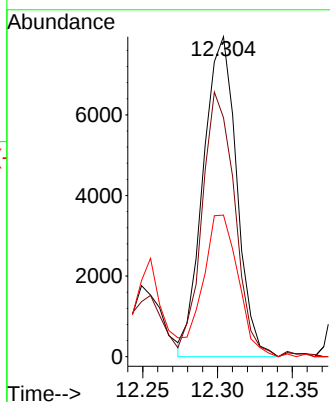
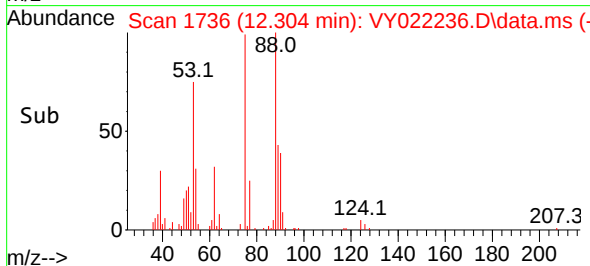
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



Tgt Ion: 75 Resp: 12385
Ion Ratio Lower Upper
75 100
53 80.5 66.0 99.0
89 46.5 37.2 55.8

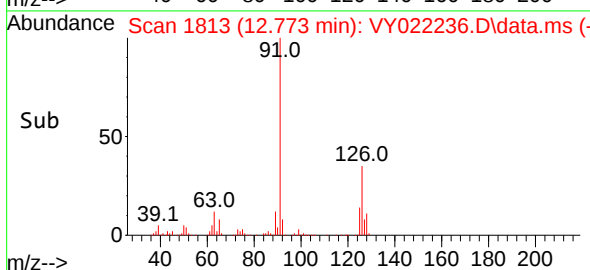
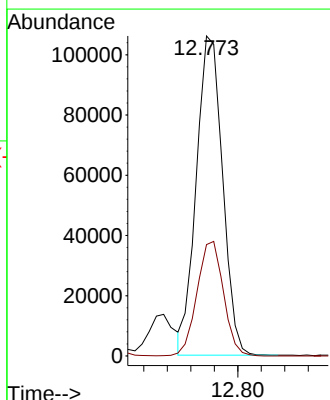
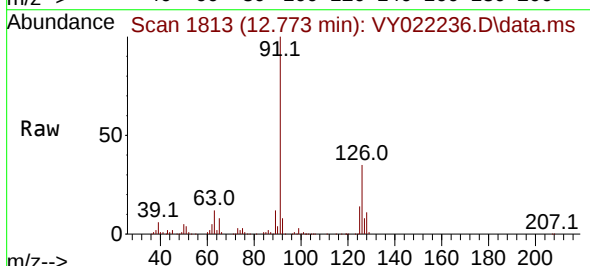
Manual Integrations
APPROVED

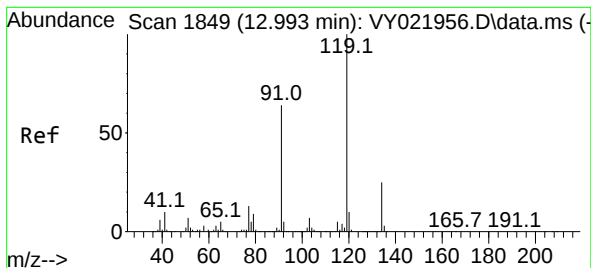
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#82
4-Chlorotoluene
Concen: 21.736 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

Tgt Ion: 91 Resp: 164675
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 21.639 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY022236.D

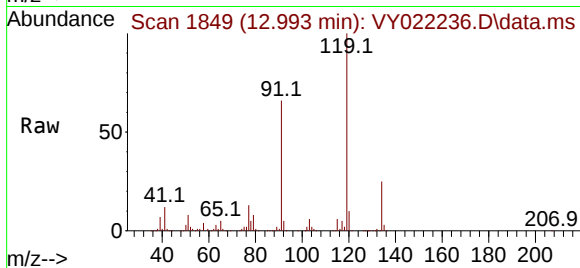
Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01



Tgt Ion:119 Resp: 168268

Ion Ratio Lower Upper

119 100

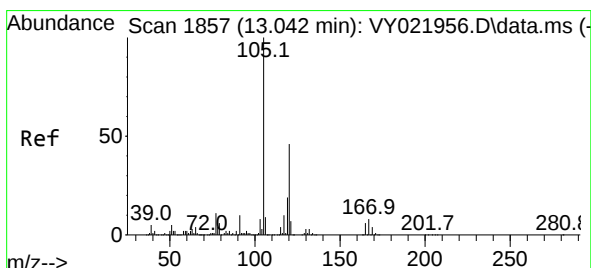
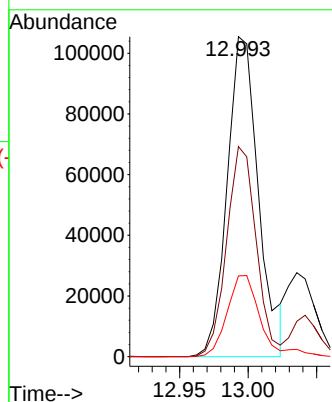
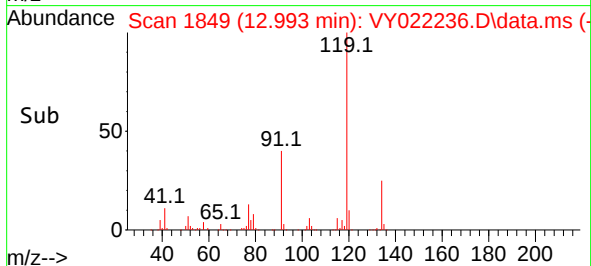
91 62.2 30.3 90.9

134 26.9 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#84

1,2,4-Trimethylbenzene

Concen: 21.847 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022236.D

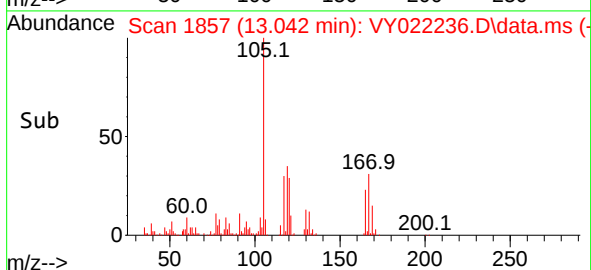
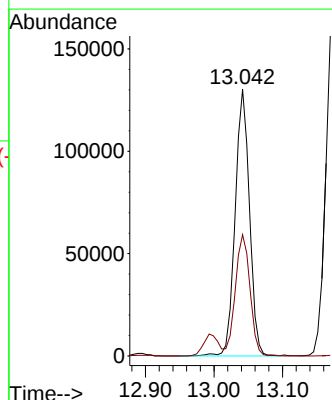
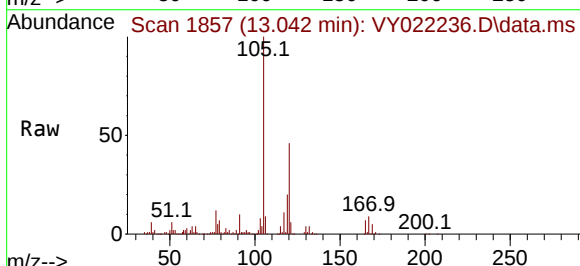
Acq: 13 May 2025 12:04

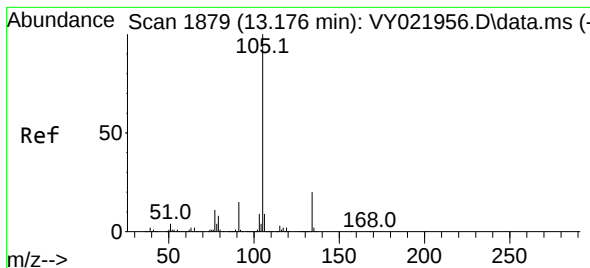
Tgt Ion:105 Resp: 189466

Ion Ratio Lower Upper

105 100

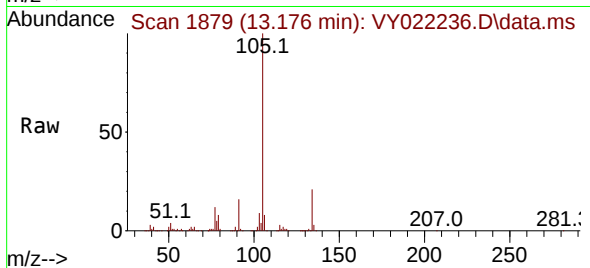
120 46.8 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 21.784 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022236.D
 Acq: 13 May 2025 12:04

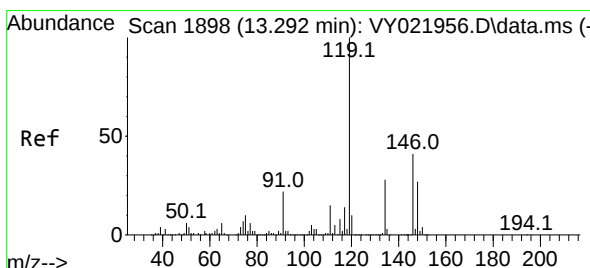
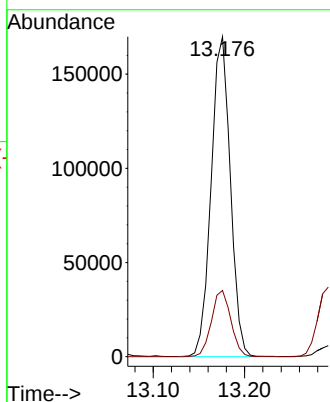
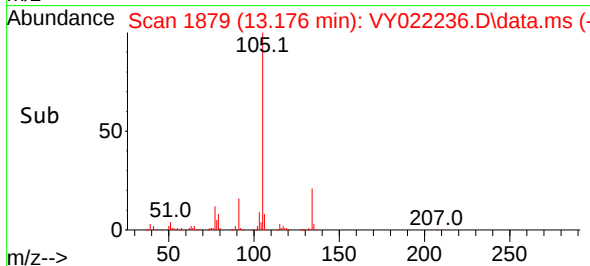
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBSD01



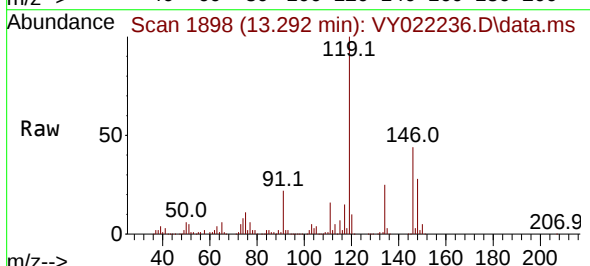
Tgt Ion:105 Resp: 247870
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.9

Manual Integrations
 APPROVED

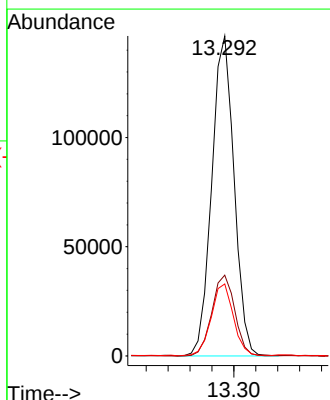
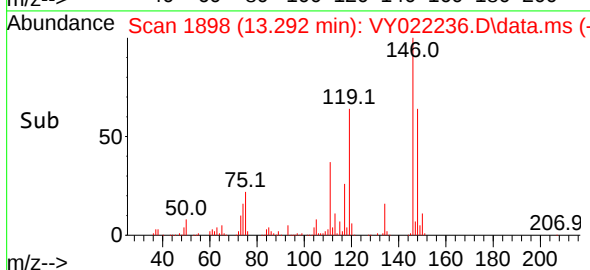
Reviewed By :Mahesh Dadoda 05/14/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025

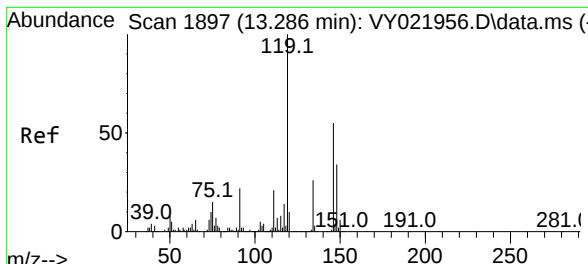


#86
 p-Isopropyltoluene
 Concen: 21.470 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022236.D
 Acq: 13 May 2025 12:04



Tgt Ion:119 Resp: 207446
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 22.4 11.0 33.0





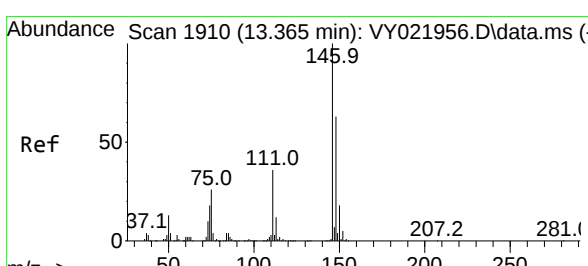
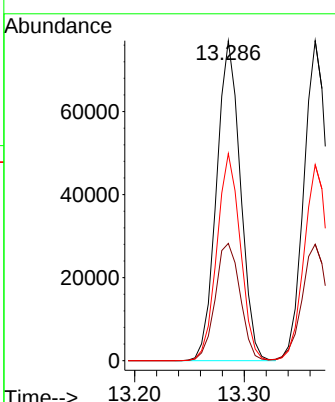
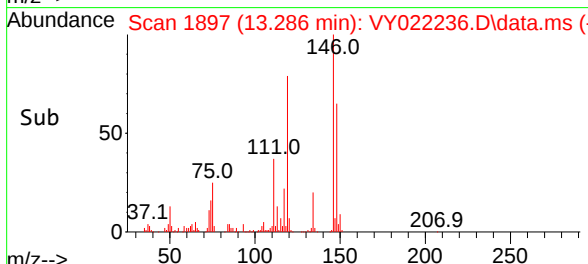
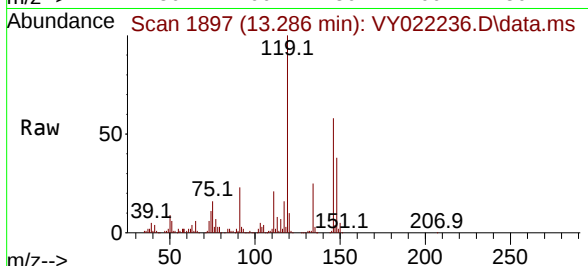
#87
 1,3-Dichlorobenzene
 Concen: 21.626 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022236.D
 Acq: 13 May 2025 12:04

Instrument : MSVOA_Y
 ClientSampleId : VY0513BSD01

Tgt Ion:146 Resp: 11679

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.5
148	63.6	32.0	96.2

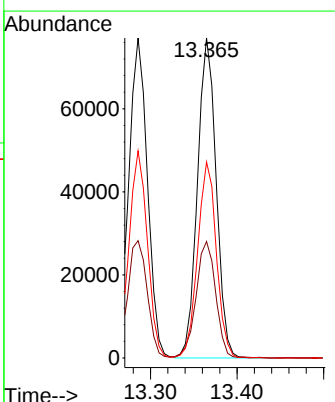
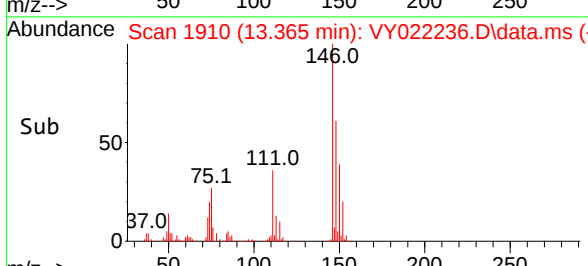
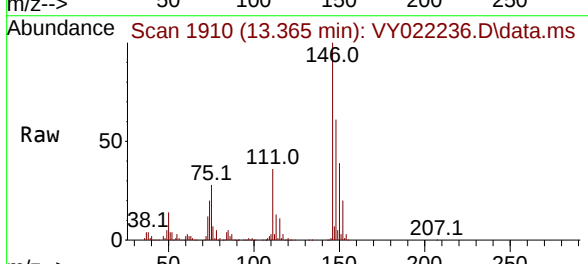
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 05/14/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025

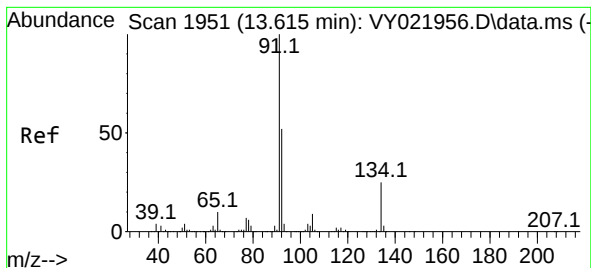


#88
 1,4-Dichlorobenzene
 Concen: 21.620 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022236.D
 Acq: 13 May 2025 12:04

Tgt Ion:146 Resp: 115637

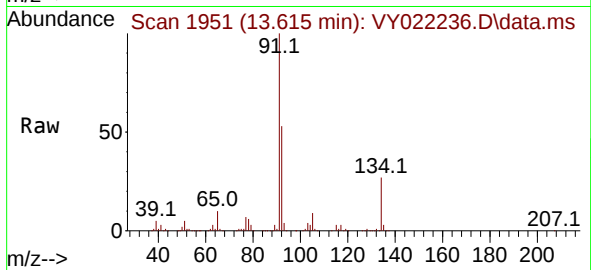
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.2	57.6
148	61.6	32.0	96.0





#89
n-Butylbenzene
Concen: 20.892 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

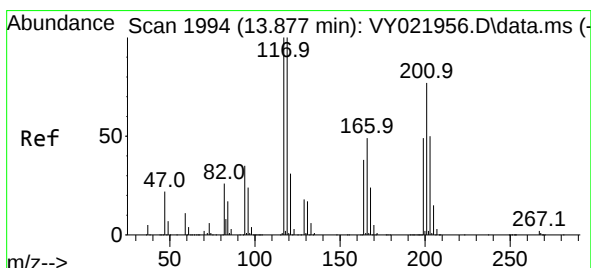
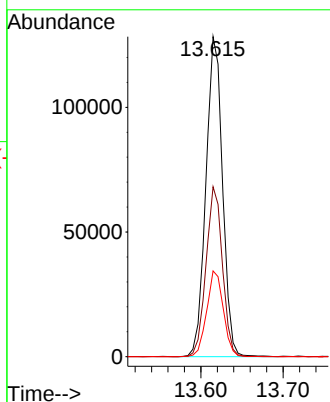
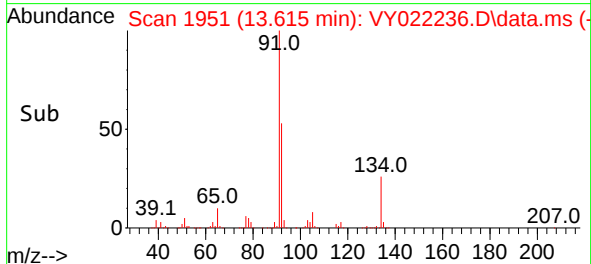
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01



Tgt Ion: 91 Resp: 18043
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 26.8 13.4 40.1

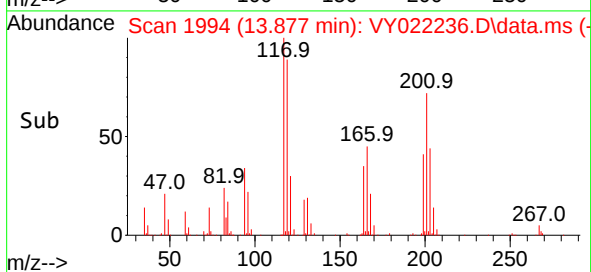
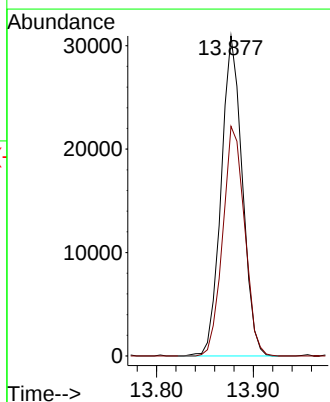
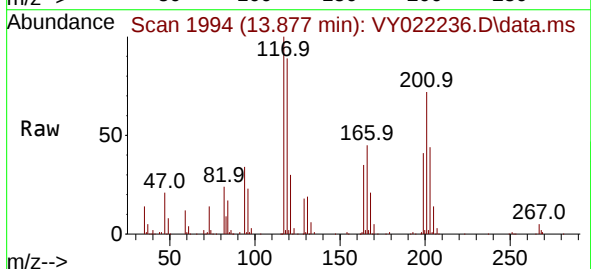
Manual Integrations
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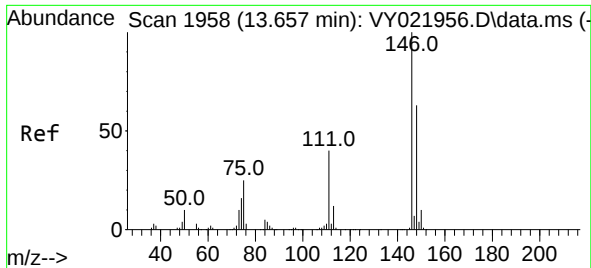
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#90
Hexachloroethane
Concen: 22.082 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

Tgt Ion:117 Resp: 46877
Ion Ratio Lower Upper
117 100
201 74.2 38.7 116.1





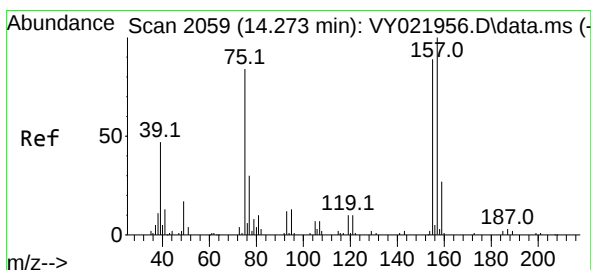
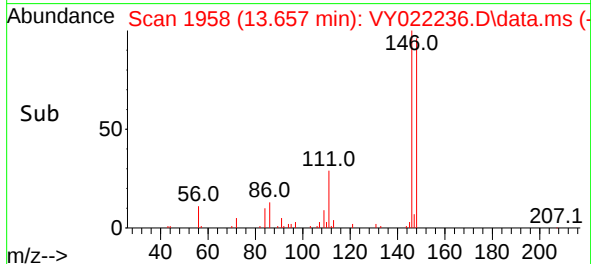
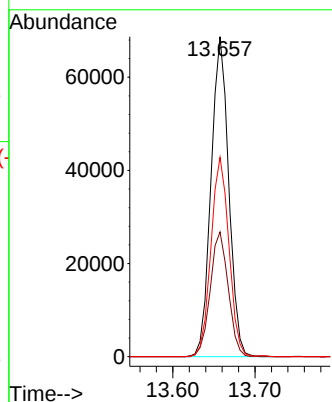
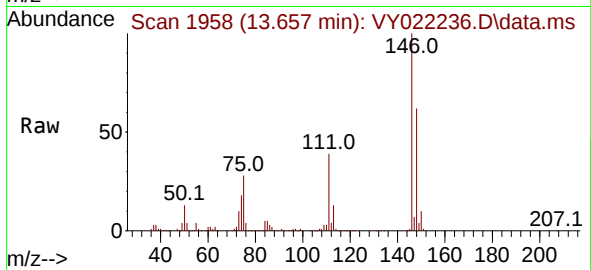
#91
1,2-Dichlorobenzene
Concen: 21.764 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

Tgt Ion:146 Resp: 10251
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.1
148 63.5 32.1 96.3

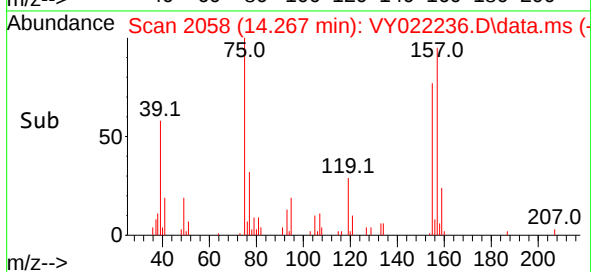
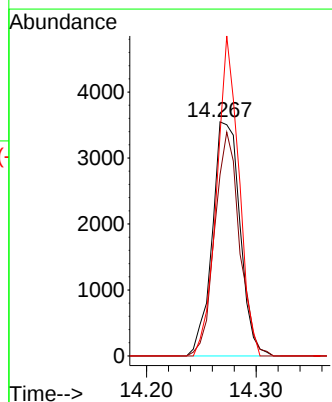
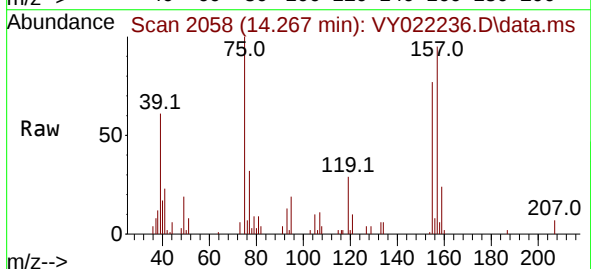
Manual Integrations
APPROVED

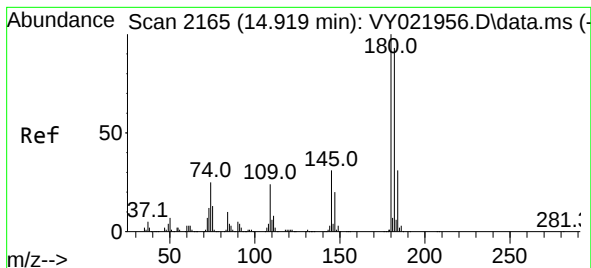
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.071 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022236.D
Acq: 13 May 2025 12:04

Tgt Ion: 75 Resp: 6230
Ion Ratio Lower Upper
75 100
155 85.9 50.7 152.3
157 109.4 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 20.211 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022236.D

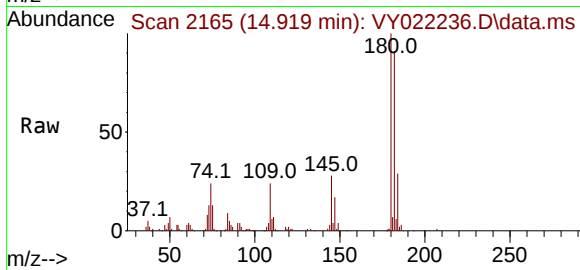
Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

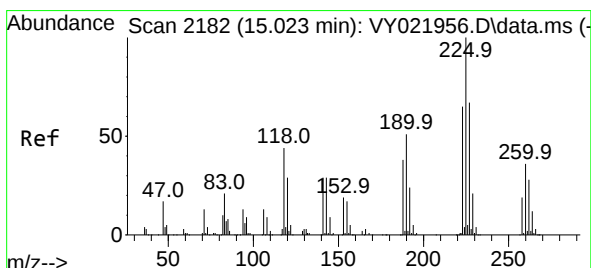
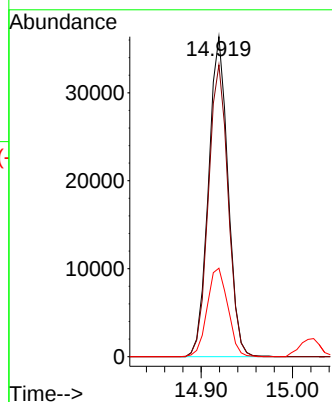
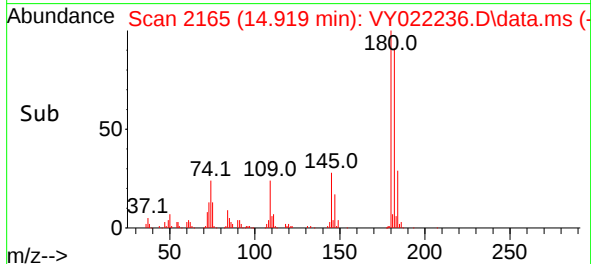


Tgt Ion:	180	Resp:	5394
Ion Ratio	Lower	Upper	
180	100		
182	92.4	47.1	141.4
145	29.4	15.0	45.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#94

Hexachlorobutadiene

Concen: 21.407 ug/l

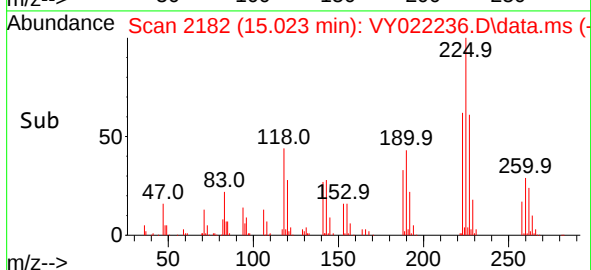
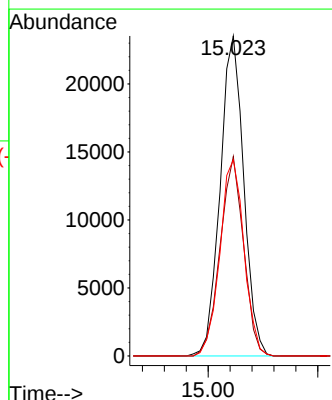
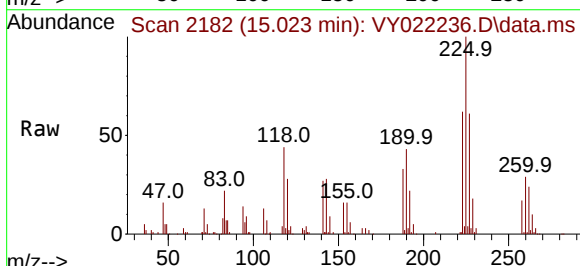
RT: 15.023 min Scan# 2182

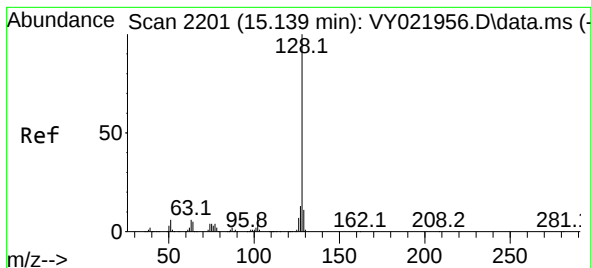
Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Tgt Ion:	225	Resp:	35157
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.9	95.5
227	62.6	32.3	96.9





#95

Naphthalene

Concen: 18.933 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022236.D

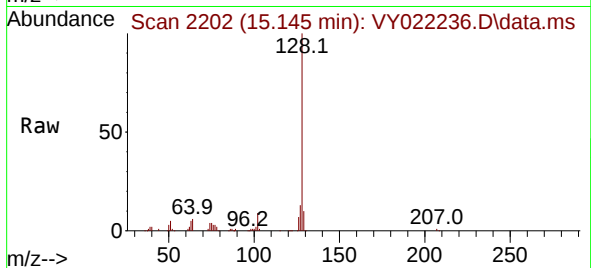
Acq: 13 May 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0513BSD01



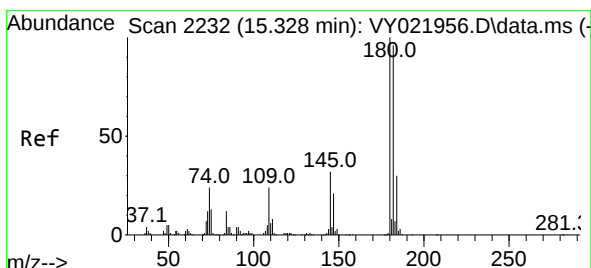
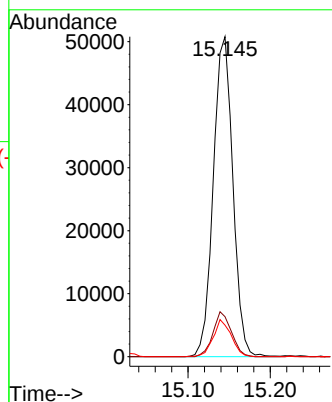
Tgt Ion:128 Resp: 8395

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.7	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.241 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022236.D

Acq: 13 May 2025 12:04

Tgt Ion:180 Resp: 46637

Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	32.4	16.0	48.0

