

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022356.D
 Acq On : 21 May 2025 10:35
 Operator : SY/MD
 Sample : VY0521SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

Quant Time: May 22 00:05:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	164670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	280143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	238357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	110395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	86818	48.241	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.480%		
35) Dibromofluoromethane	7.640	113	80971	48.426	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.860%		
50) Toluene-d8	10.115	98	328068	47.907	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.820%		
62) 4-Bromofluorobenzene	12.408	95	98452	45.357	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	34138	19.868	ug/l	98
3) Chloromethane	2.068	50	97076	26.858	ug/l	100
4) Vinyl Chloride	2.208	62	110643	27.399	ug/l	100
5) Bromomethane	2.598	94	122163	37.162	ug/l	99
6) Chloroethane	2.732	64	82714	32.924	ug/l	99
7) Trichlorofluoromethane	3.049	101	101107	24.729	ug/l	98
8) Diethyl Ether	3.464	74	20408	20.799	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	37897	21.351	ug/l	97
10) Methyl Iodide	4.007	142	39030	18.999	ug/l	99
11) Tert butyl alcohol	4.897	59	14356	104.460	ug/l #	100
12) 1,1-Dichloroethene	3.799	96	37155	21.094	ug/l	89
13) Acrolein	3.659	56	12494	62.187	ug/l	95
14) Allyl chloride	4.391	41	57737	18.694	ug/l	96
15) Acrylonitrile	5.067	53	43574	107.777	ug/l	97
16) Acetone	3.885	43	31735	94.042	ug/l	97
17) Carbon Disulfide	4.110	76	116347	20.256	ug/l	99
18) Methyl Acetate	4.391	43	20399	19.173	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	103046	21.217	ug/l	92
20) Methylene Chloride	4.622	84	42530	19.505	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	39956	20.551	ug/l	93
22) Diisopropyl ether	6.025	45	125549	19.249	ug/l	96
23) Vinyl Acetate	5.970	43	382139	96.982	ug/l	97
24) 1,1-Dichloroethane	5.921	63	74003	20.309	ug/l	97
25) 2-Butanone	6.909	43	54351	96.288	ug/l	98
26) 2,2-Dichloropropane	6.890	77	63731	19.664	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	47008	20.952	ug/l	97
28) Bromochloromethane	7.256	49	31153	20.044	ug/l	98
29) Tetrahydrofuran	7.274	42	36661	100.953	ug/l	94
30) Chloroform	7.427	83	72715	20.805	ug/l	97
31) Cyclohexane	7.707	56	70259	19.298	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	64315	20.057	ug/l	99
36) 1,1-Dichloropropene	7.841	75	54176	19.671	ug/l	98
37) Ethyl Acetate	6.994	43	25337	19.120	ug/l	97
38) Carbon Tetrachloride	7.823	117	56336	19.762	ug/l	100
39) Methylcyclohexane	9.115	83	71670	19.370	ug/l	98
40) Benzene	8.085	78	164958	20.204	ug/l	99

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Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	17779m	20.226	ug/l	
42) 1,2-Dichloroethane	8.164	62	45120	20.436	ug/l	100
43) Isopropyl Acetate	8.207	43	56123	19.420	ug/l	98
44) Trichloroethene	8.872	130	40988	20.191	ug/l	98
45) 1,2-Dichloropropane	9.146	63	39052	19.840	ug/l	97
46) Dibromomethane	9.237	93	21913	20.640	ug/l	98
47) Bromodichloromethane	9.426	83	55778	20.252	ug/l	97
48) Methyl methacrylate	9.225	41	25313	18.730	ug/l	95
49) 1,4-Dioxane	9.250	88	4878	406.715	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	136690	96.396	ug/l	98
52) Toluene	10.176	92	103033	19.929	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	52044	19.362	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	61214	19.878	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	28278	20.800	ug/l	98
56) Ethyl methacrylate	10.444	69	41124	19.419	ug/l	98
57) 1,3-Dichloropropane	10.725	76	49500	20.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	80930	85.143	ug/l	99
59) 2-Hexanone	10.768	43	91150	95.872	ug/l	97
60) Dibromochloromethane	10.914	129	36605	20.744	ug/l	98
61) 1,2-Dibromoethane	11.018	107	26112	20.608	ug/l	99
64) Tetrachloroethene	10.652	164	44880	20.371	ug/l	98
65) Chlorobenzene	11.450	112	108362	20.151	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	36004	19.475	ug/l	98
67) Ethyl Benzene	11.524	91	194067	19.270	ug/l	98
68) m/p-Xylenes	11.633	106	146681	38.652	ug/l	98
69) o-Xylene	11.956	106	69558	19.373	ug/l	97
70) Styrene	11.975	104	115812	19.122	ug/l	98
71) Bromoform	12.139	173	19242	19.283	ug/l #	97
73) Isopropylbenzene	12.261	105	181695	19.867	ug/l	99
74) N-amyl acetate	12.078	43	50097	19.152	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	29384	20.891	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	22634m	20.238	ug/l	
77) Bromobenzene	12.536	156	39412	20.177	ug/l	99
78) n-propylbenzene	12.603	91	219624	19.909	ug/l	100
79) 2-Chlorotoluene	12.682	91	118240	19.504	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	143263	19.405	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	10533	19.078	ug/l	98
82) 4-Chlorotoluene	12.779	91	118914	19.071	ug/l	97
83) tert-Butylbenzene	13.005	119	130367	19.867	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	142961	19.507	ug/l	97
85) sec-Butylbenzene	13.182	105	192742	19.787	ug/l	100
86) p-Isopropyltoluene	13.298	119	157967	19.282	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	77746	19.497	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	76937	20.058	ug/l	100
89) n-Butylbenzene	13.621	91	152333	19.655	ug/l	99
90) Hexachloroethane	13.883	117	31863	19.268	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	67362	20.111	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4571	20.154	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	38942	20.127	ug/l	98
94) Hexachlorobutadiene	15.029	225	20290	18.805	ug/l	95
95) Naphthalene	15.151	128	74806	20.374	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	32242	19.644	ug/l	97

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Response via : Initial Calibration

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

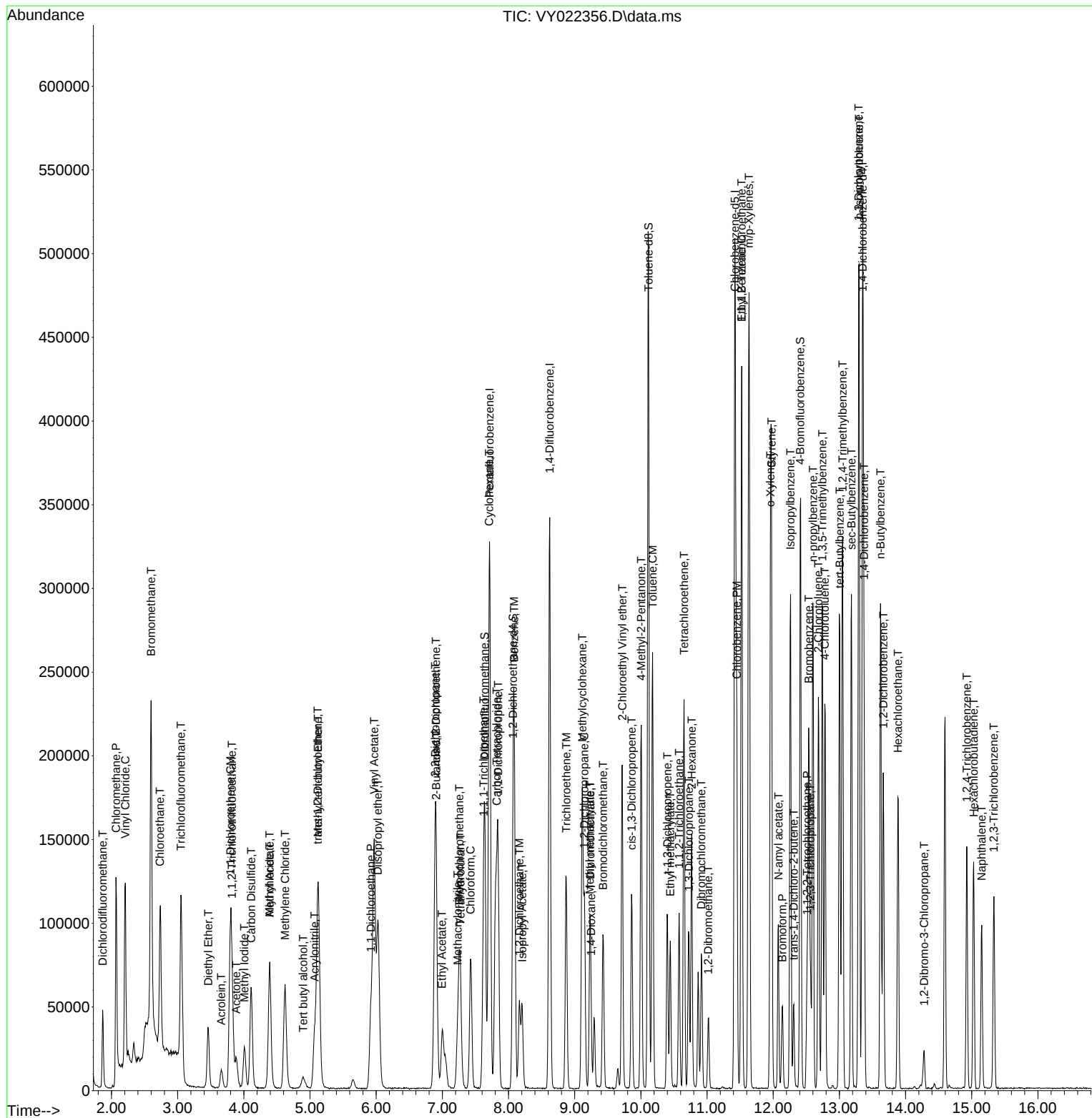
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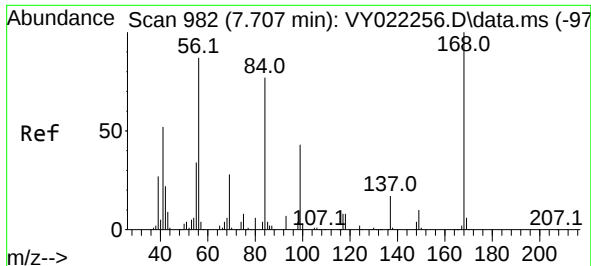
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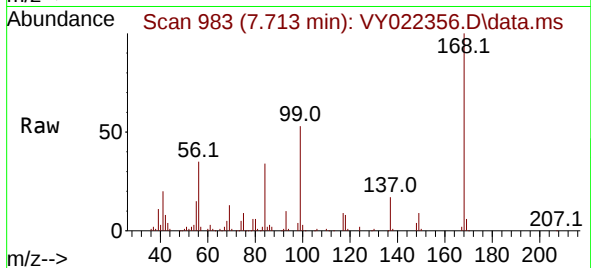
Reviewed By : Mahesh Dadoda 05/22/2025
 Supervised By : Semsettin Yesilyurt 05/22/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

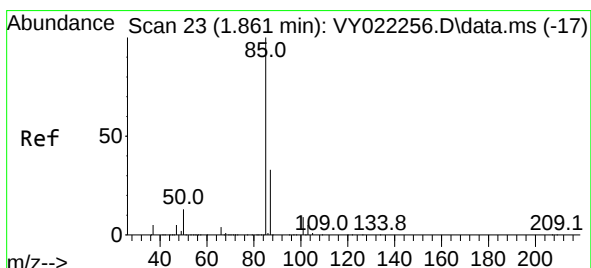
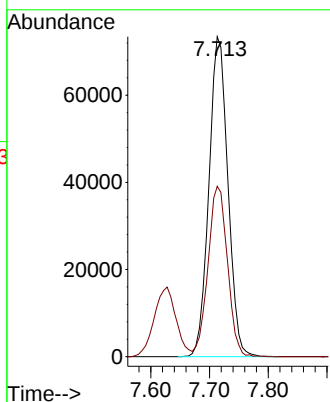
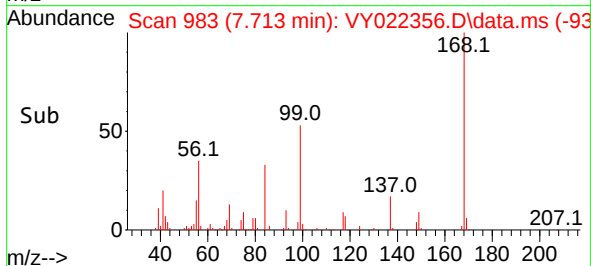
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



Tgt Ion:168 Resp: 164670
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4

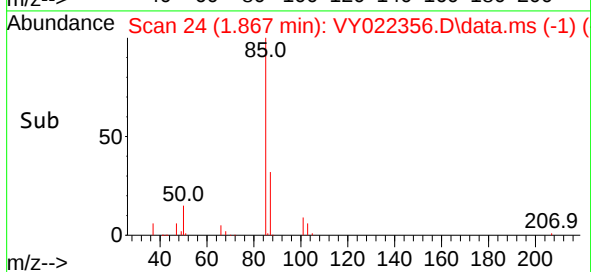
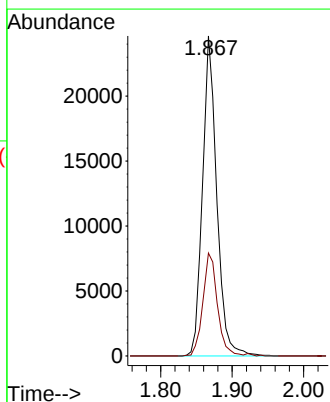
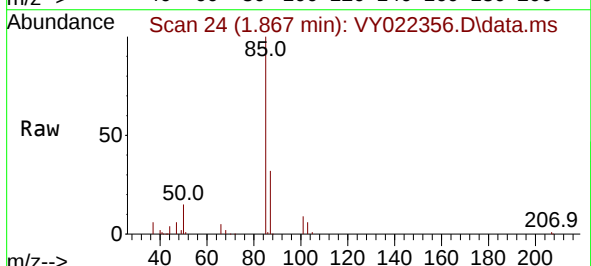
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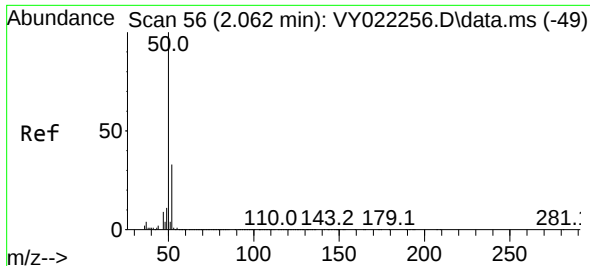
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#2
Dichlorodifluoromethane
Concen: 19.868 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

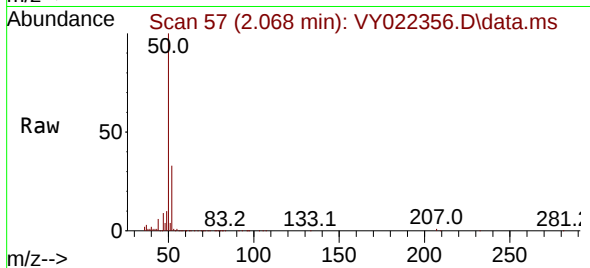
Tgt Ion: 85 Resp: 34138
Ion Ratio Lower Upper
85 100
87 32.1 16.5 49.5





#3
Chloromethane
Concen: 26.858 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

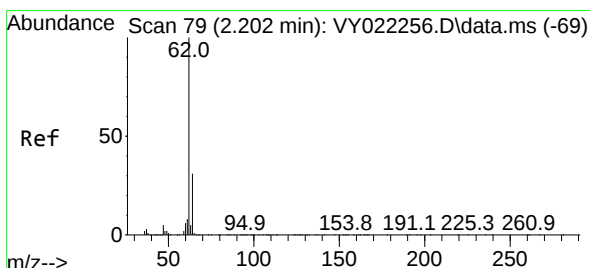
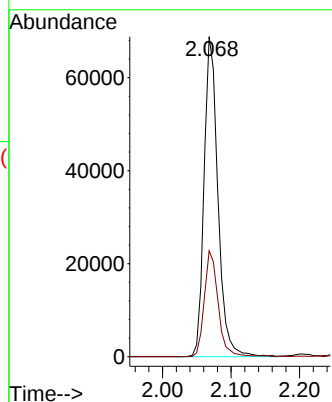
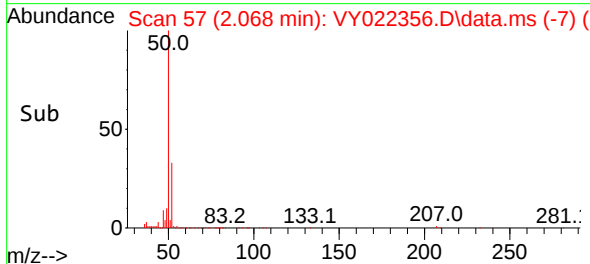
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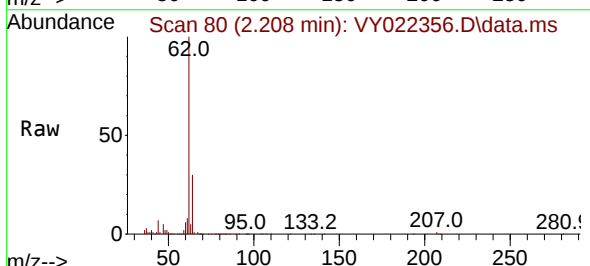
Tgt Ion: 50 Resp: 97070
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

Manual Integrations
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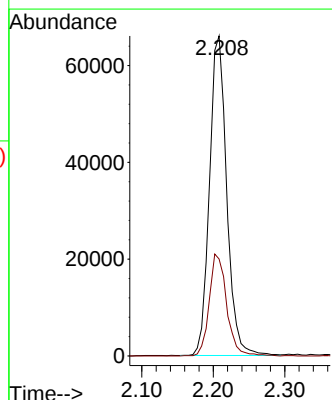
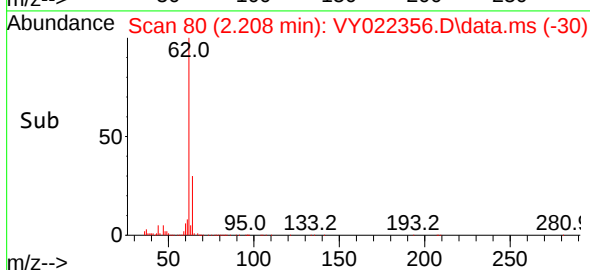
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#4
Vinyl Chloride
Concen: 27.399 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



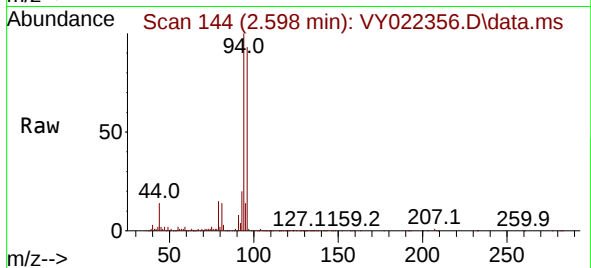
Tgt Ion: 62 Resp: 110643
Ion Ratio Lower Upper
62 100
64 30.3 24.5 36.7





#5
Bromomethane
Concen: 37.162 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

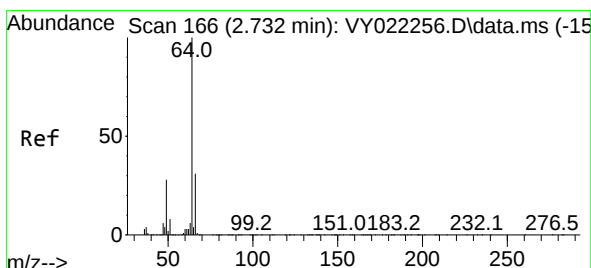
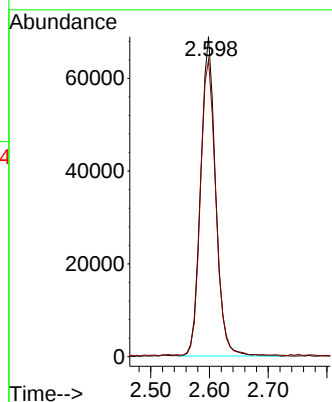
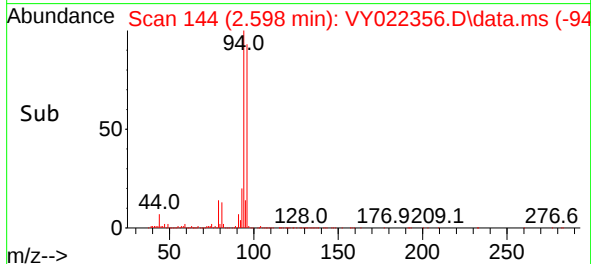
Instrument :
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Tgt Ion: 94 Resp: 12216
Ion Ratio Lower Upper
94 100
96 92.5 73.4 110.0

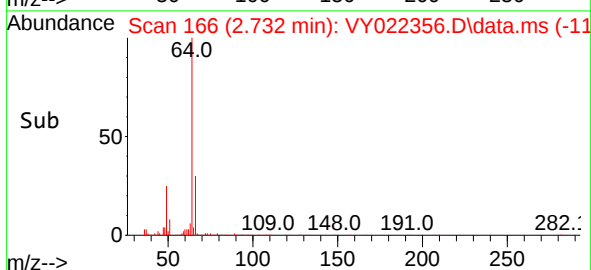
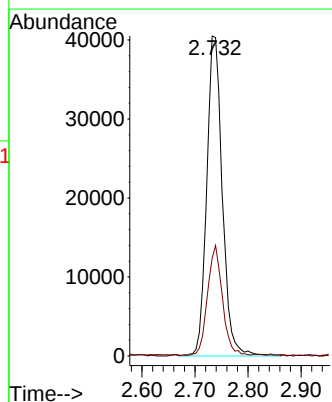
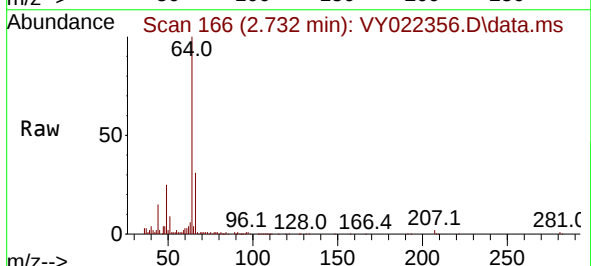
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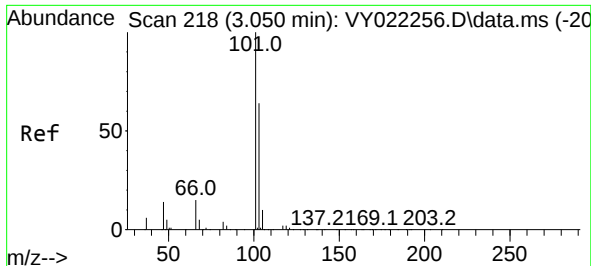
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#6
Chloroethane
Concen: 32.924 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

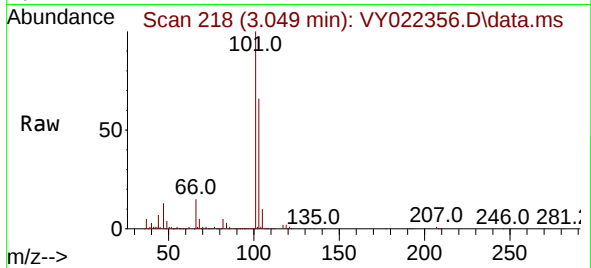
Tgt Ion: 64 Resp: 82714
Ion Ratio Lower Upper
64 100
66 30.4 24.8 37.2





#7
Trichlorofluoromethane
Concen: 24.729 ug/l
RT: 3.049 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY022356.D
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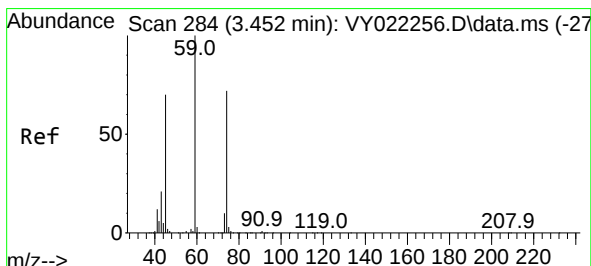
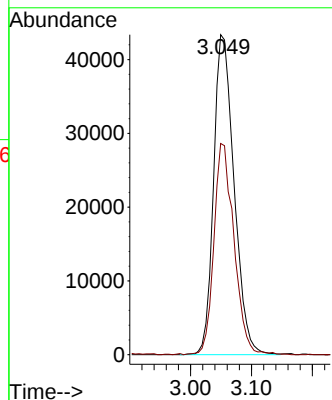
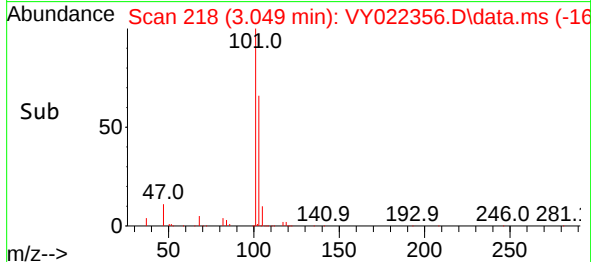
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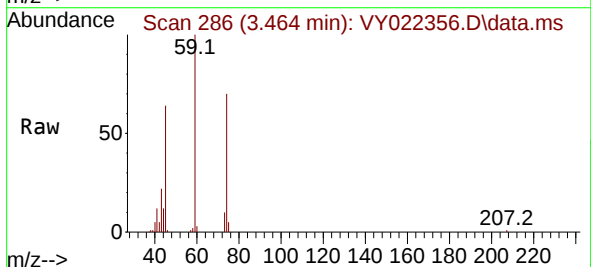
Tgt Ion:101 Resp: 10110
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5

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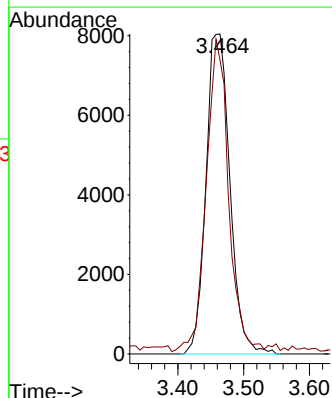
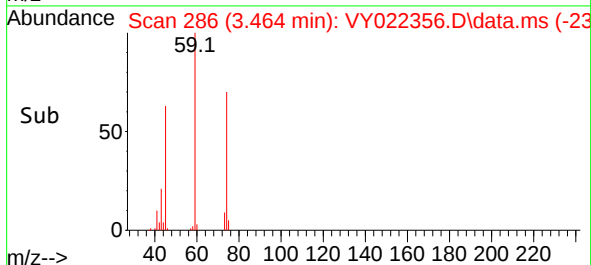
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#8
Diethyl Ether
Concen: 20.799 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.012 min
Lab File: VY022356.D
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Tgt Ion: 74 Resp: 20408
Ion Ratio Lower Upper
74 100
45 90.8 48.6 145.8





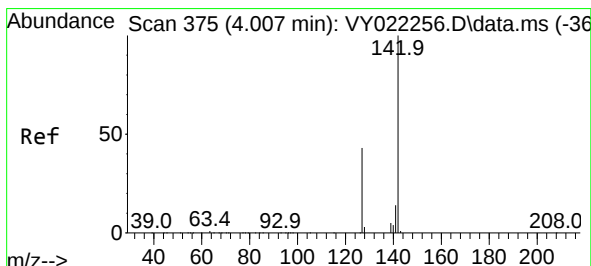
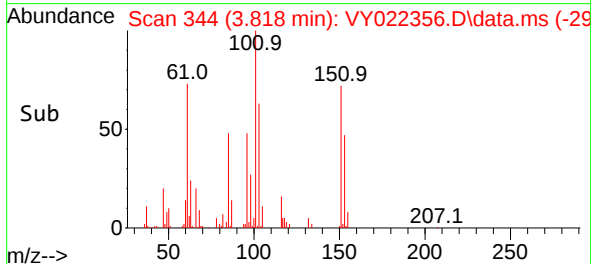
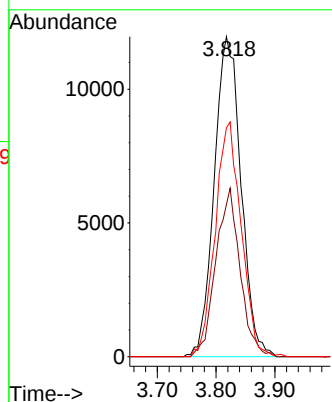
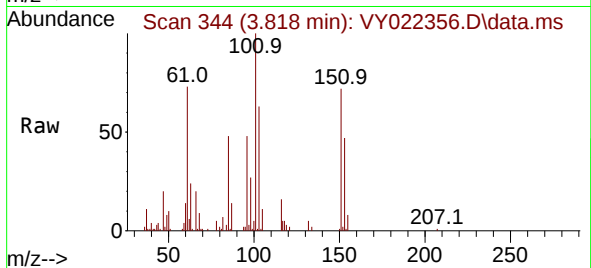
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.351 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion:101 Resp: 3789
Ion Ratio Lower Upper
101 100
85 47.7 38.6 58.0
151 71.3 59.7 89.5

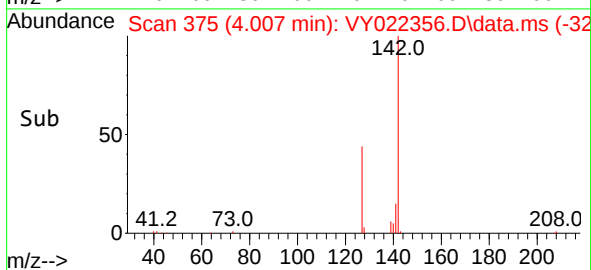
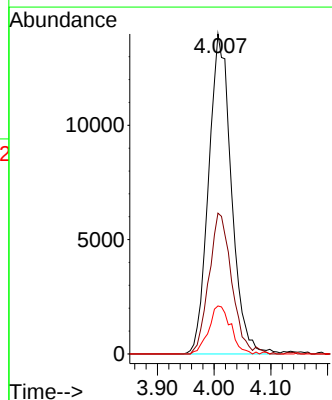
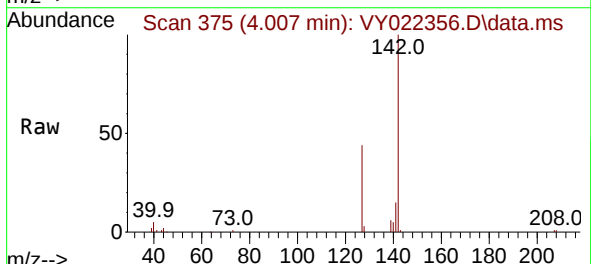
Manual Integrations
APPROVED

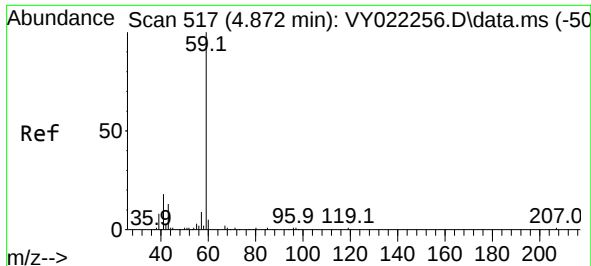
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#10
Methyl Iodide
Concen: 18.999 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

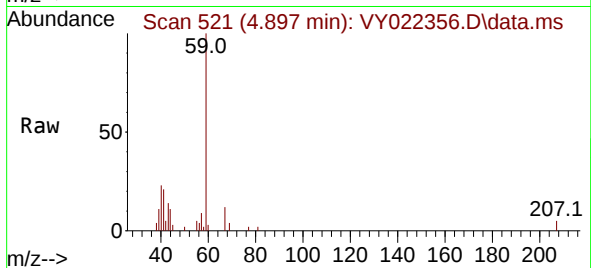
Tgt Ion:142 Resp: 39030
Ion Ratio Lower Upper
142 100
127 44.2 35.7 53.5
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 104.460 ug/l
RT: 4.897 min Scan# 517
Delta R.T. 0.024 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

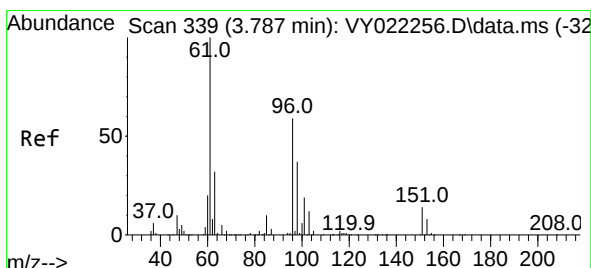
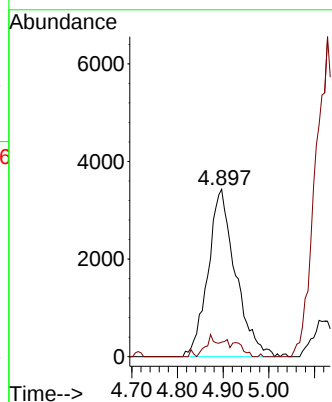
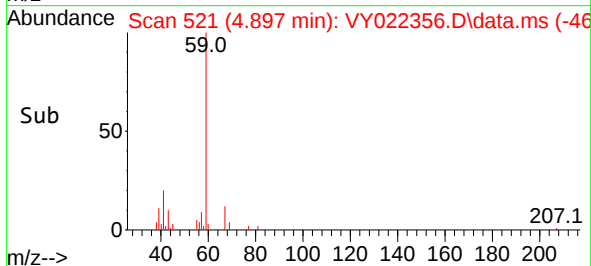
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



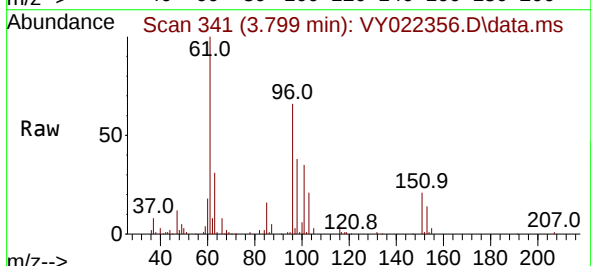
Tgt Ion: 59 Resp: 14350
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

Manual Integrations
APPROVED

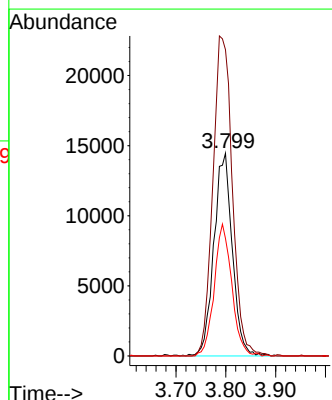
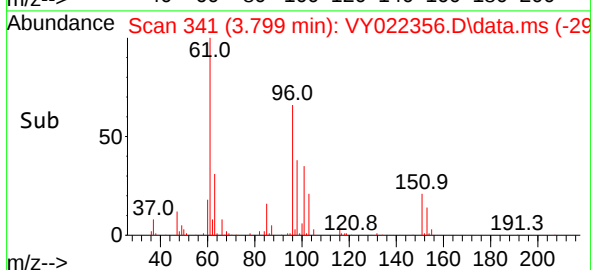
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

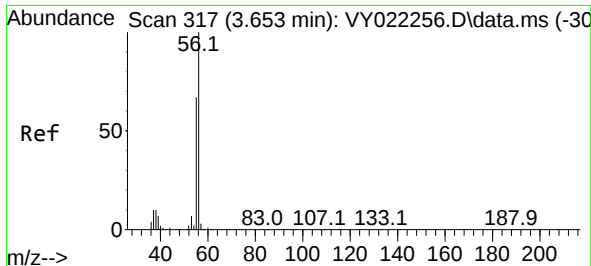


#12
1,1-Dichloroethene
Concen: 21.094 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



Tgt Ion: 96 Resp: 37155
Ion Ratio Lower Upper
96 100
61 151.0 134.9 202.3
98 57.9 49.9 74.9





#13

Acrolein

Concen: 62.187 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

Tgt Ion: 56 Resp: 12494

Ion Ratio Lower Upper

56 100

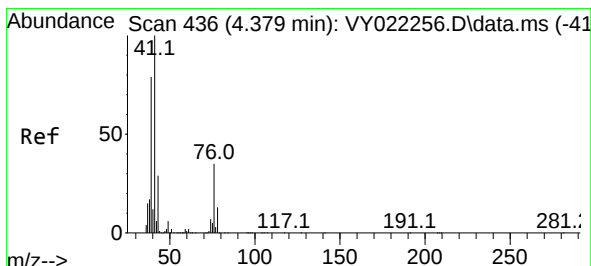
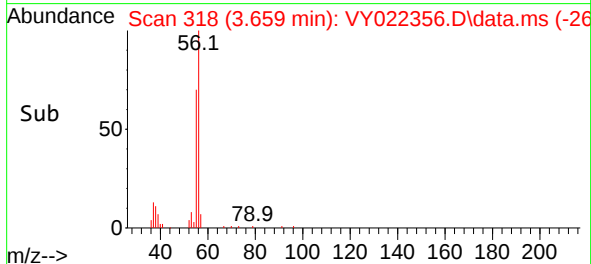
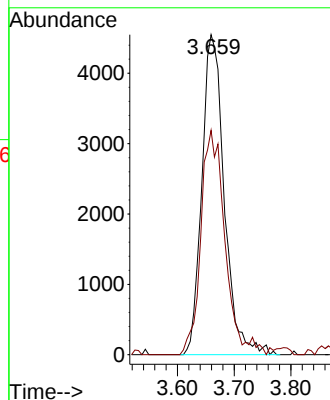
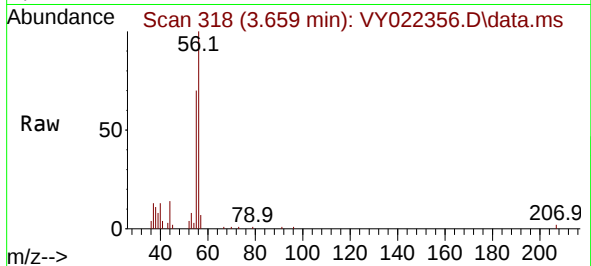
55 73.7 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#14

Allyl chloride

Concen: 18.694 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

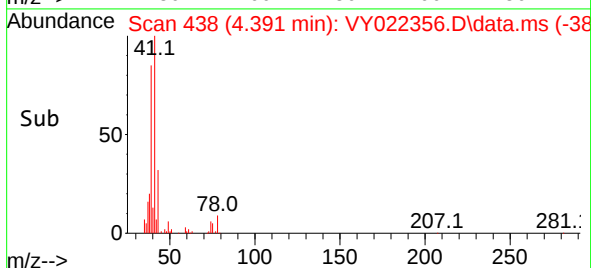
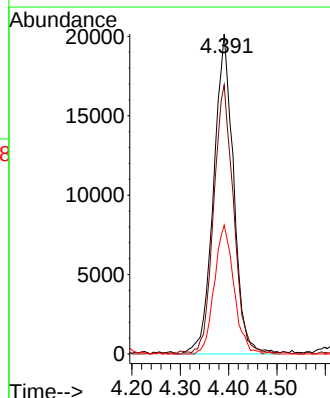
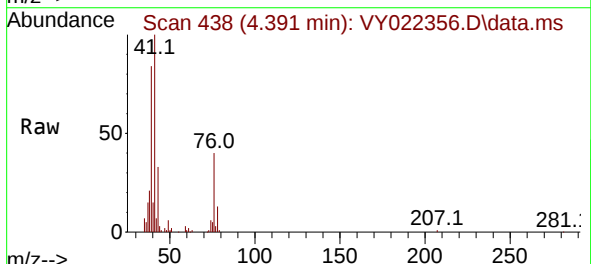
Tgt Ion: 41 Resp: 57737

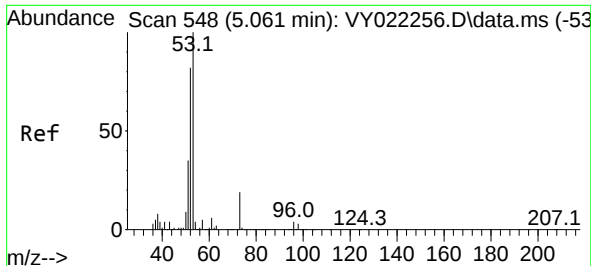
Ion Ratio Lower Upper

41 100

39 82.6 63.4 95.0

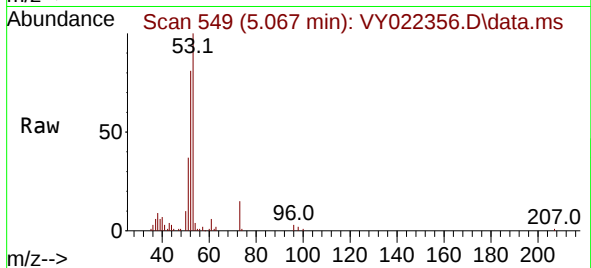
76 39.4 29.5 44.3





#15
Acrylonitrile
Concen: 107.777 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

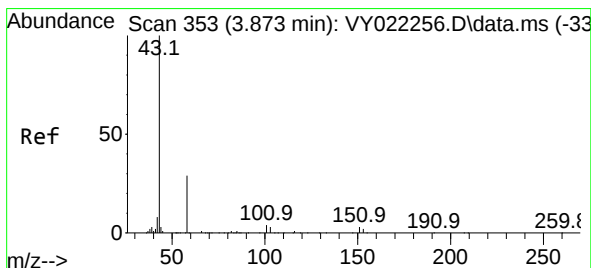
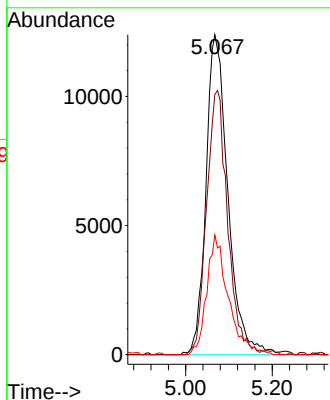
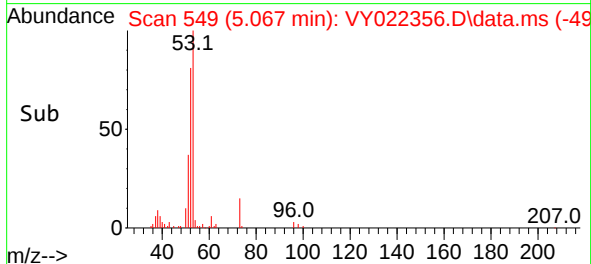
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



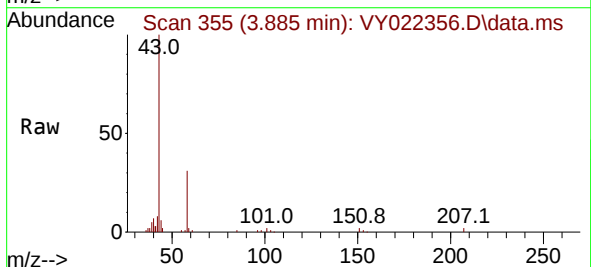
Tgt Ion: 53 Resp: 43574
Ion Ratio Lower Upper
53 100
52 79.5 66.1 99.1
51 36.7 30.0 45.0

Manual Integrations
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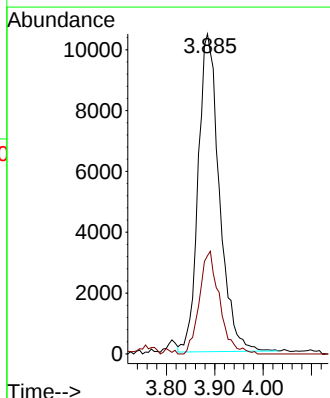
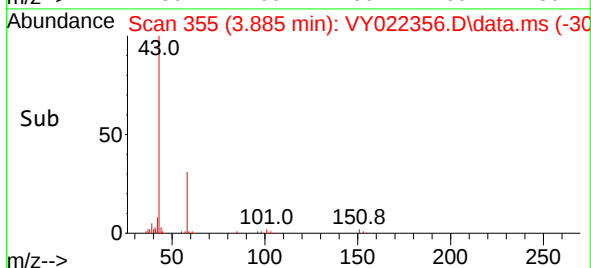
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#16
Acetone
Concen: 94.042 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



Tgt Ion: 43 Resp: 31735
Ion Ratio Lower Upper
43 100
58 31.0 23.6 35.4





#17

Carbon Disulfide

Concen: 20.256 ug/l

RT: 4.110 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

Tgt Ion: 76 Resp: 11634

Ion Ratio Lower Upper

76 100

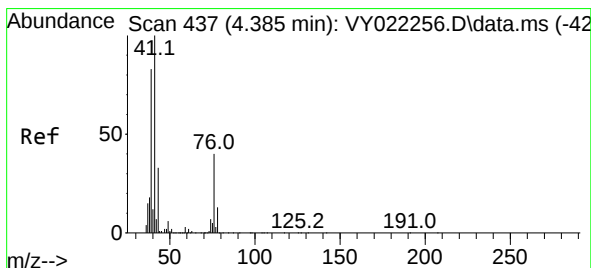
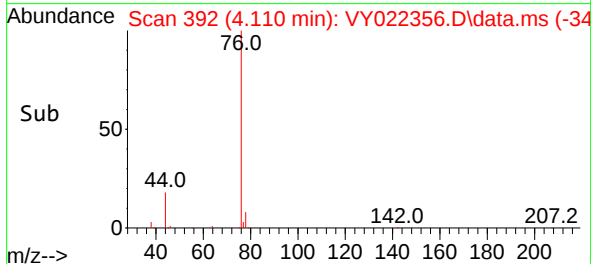
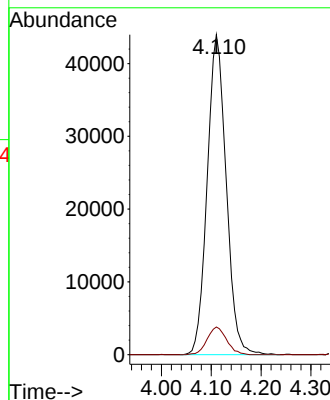
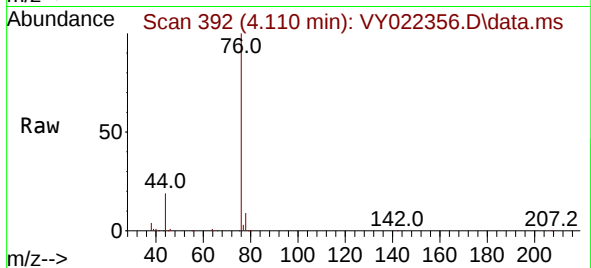
78 8.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#18

Methyl Acetate

Concen: 19.173 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY022356.D

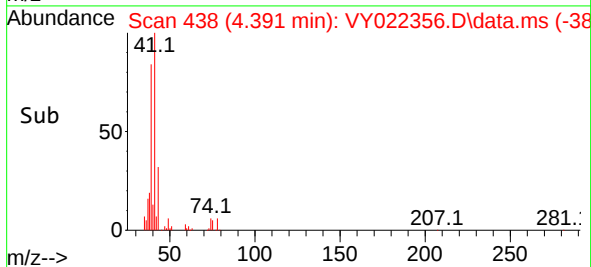
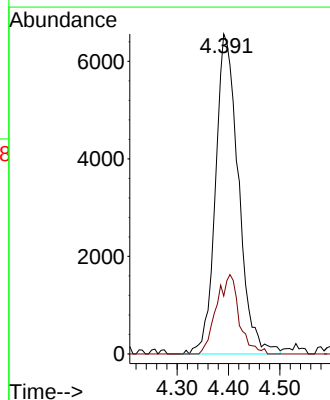
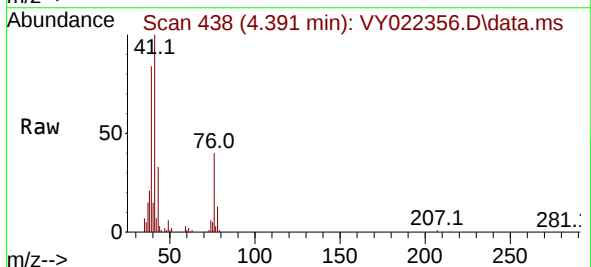
Acq: 21 May 2025 10:35

Tgt Ion: 43 Resp: 20399

Ion Ratio Lower Upper

43 100

74 24.4 18.2 27.4





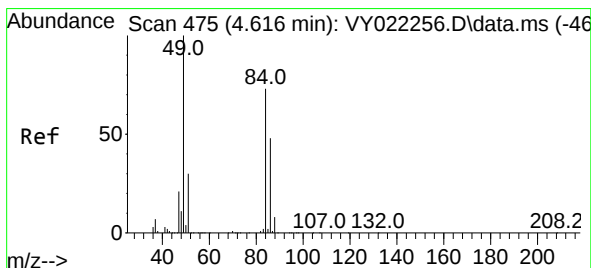
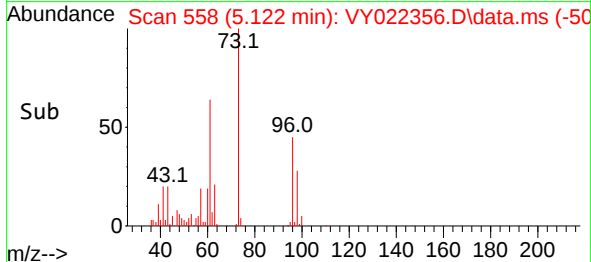
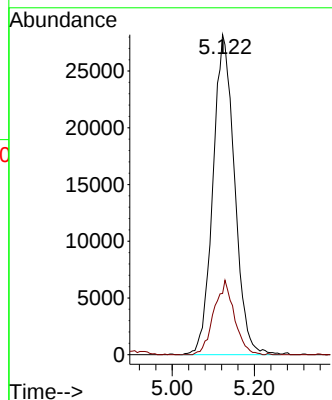
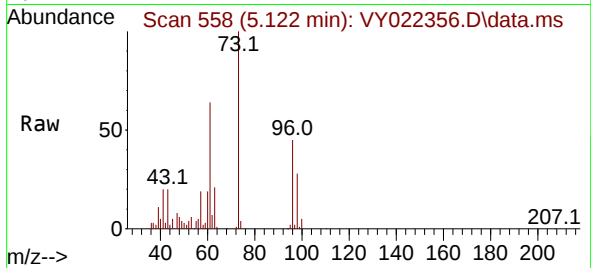
#19
Methyl tert-butyl Ether
Concen: 21.217 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion: 73 Resp: 103040
Ion Ratio Lower Upper
73 100
57 19.2 18.6 28.0

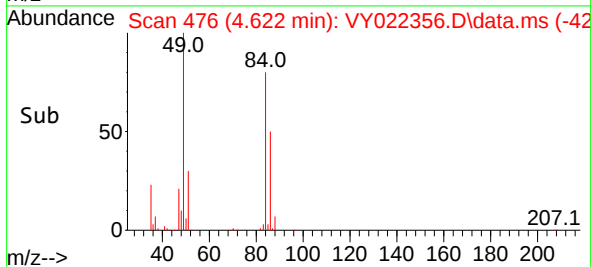
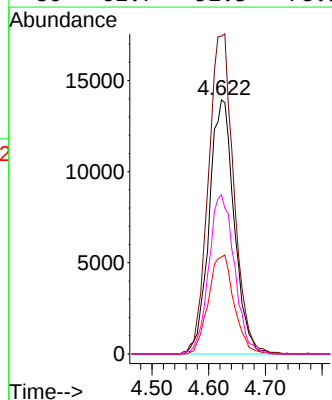
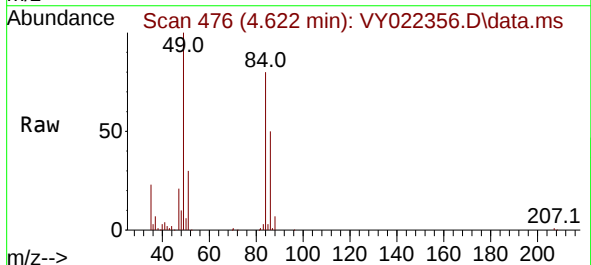
Manual Integrations
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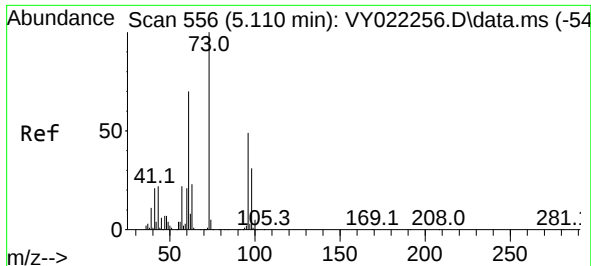
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#20
Methylene Chloride
Concen: 19.505 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

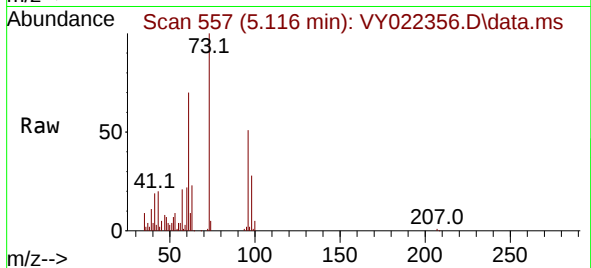
Tgt Ion: 84 Resp: 42530
Ion Ratio Lower Upper
84 100
49 125.1 109.6 164.4
51 38.2 32.4 48.6
86 62.7 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 20.551 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

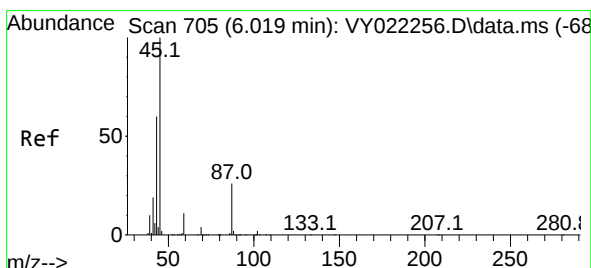
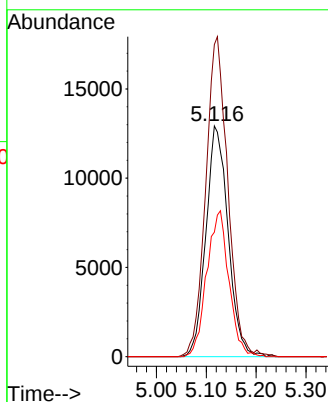
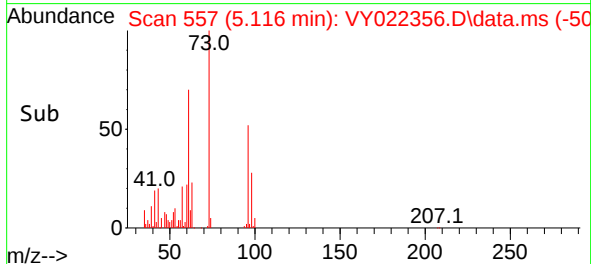
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



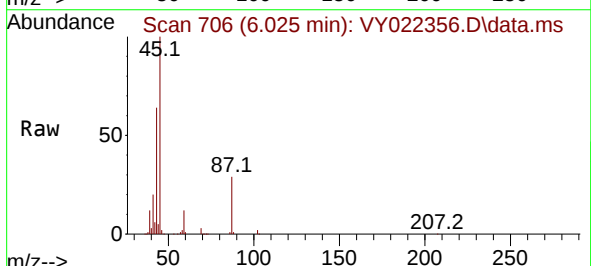
Tgt Ion: 96 Resp: 39950
Ion Ratio Lower Upper
96 100
61 135.3 113.4 170.0
98 54.0 50.9 76.3

Manual Integrations
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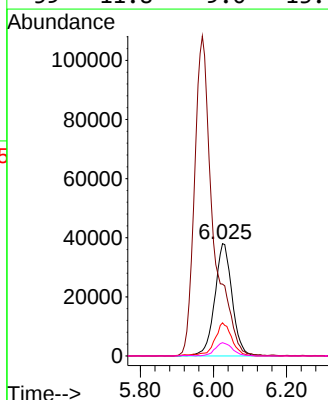
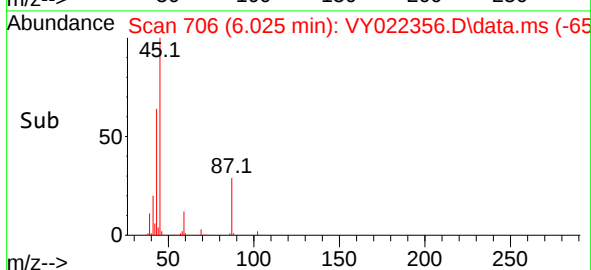
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

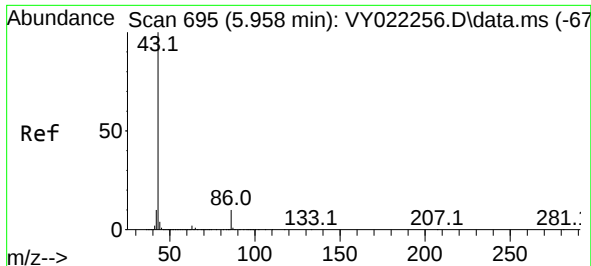


#22
Diisopropyl ether
Concen: 19.249 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



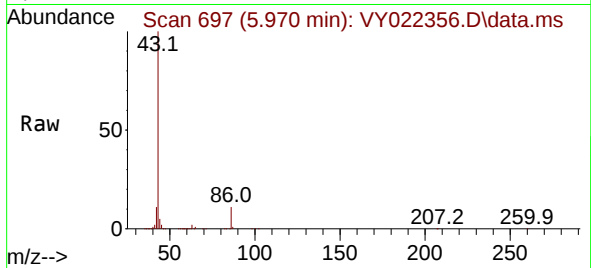
Tgt Ion: 45 Resp: 125549
Ion Ratio Lower Upper
45 100
43 63.6 48.2 72.2
87 29.4 21.4 32.0
59 11.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 96.982 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

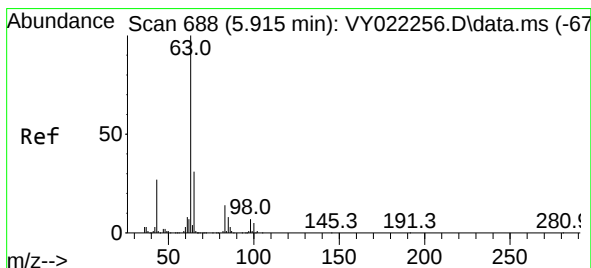
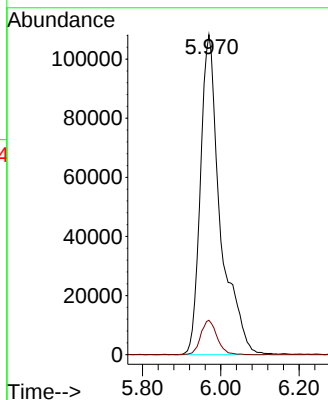
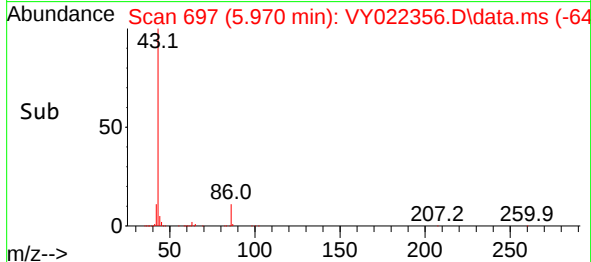
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01



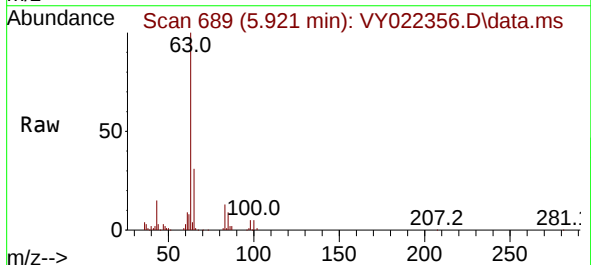
Tgt Ion: 43 Resp: 382139
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

Manual Integrations
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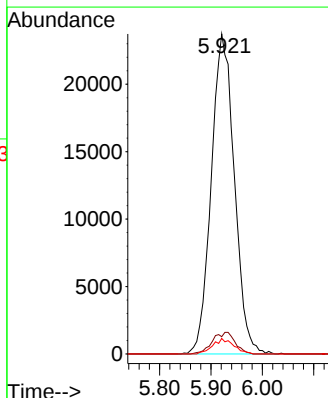
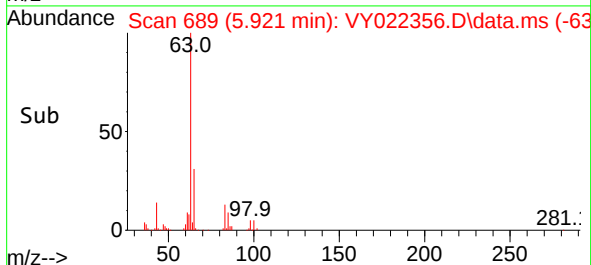
Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025

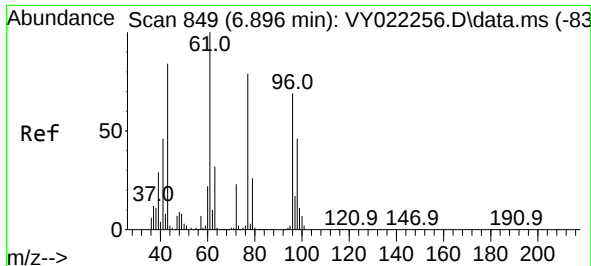


#24
 1,1-Dichloroethane
 Concen: 20.309 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35



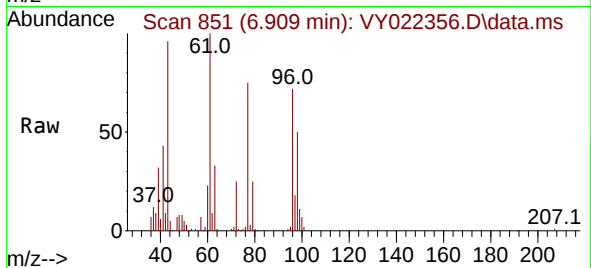
Tgt Ion: 63 Resp: 74003
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.5
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 96.288 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

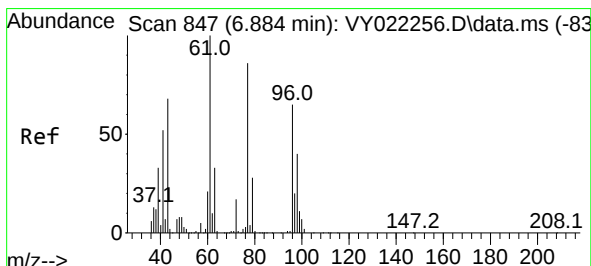
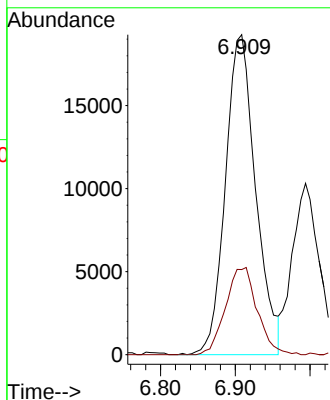
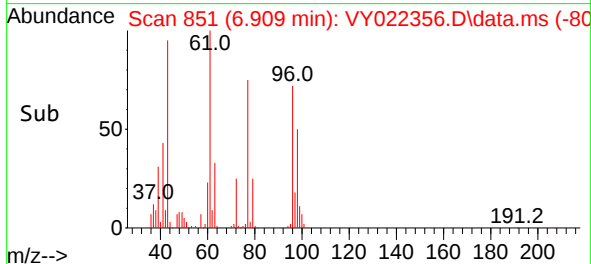
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



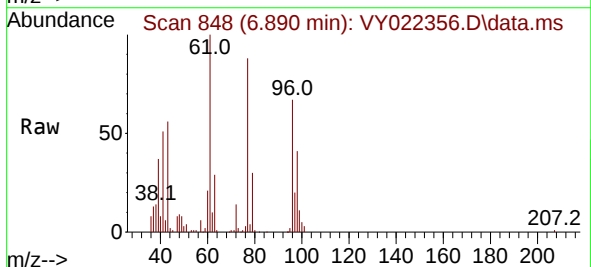
Tgt Ion: 43 Resp: 5435
Ion Ratio Lower Upper
43 100
72 26.6 22.1 33.1

Manual Integrations
APPROVED

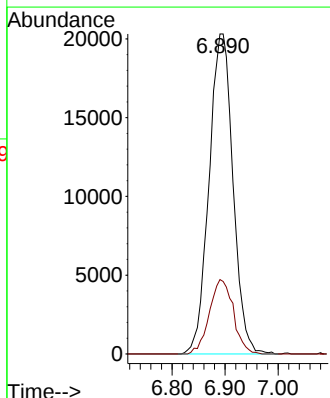
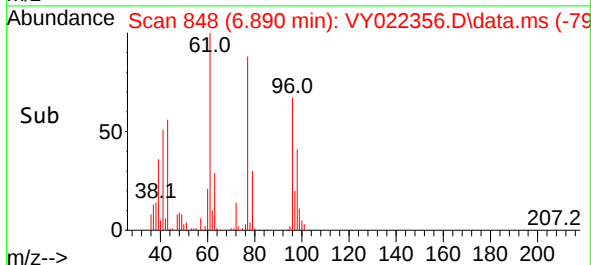
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

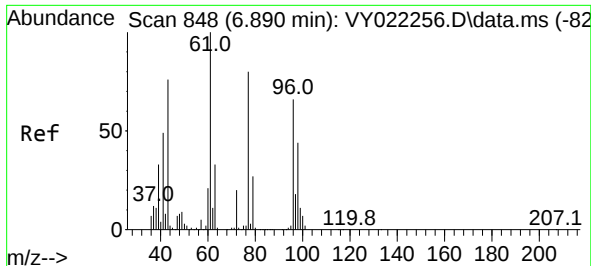


#26
2,2-Dichloropropane
Concen: 19.664 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



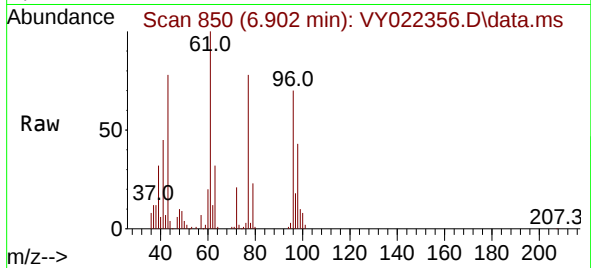
Tgt Ion: 77 Resp: 63731
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 20.952 ug/l
 RT: 6.902 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

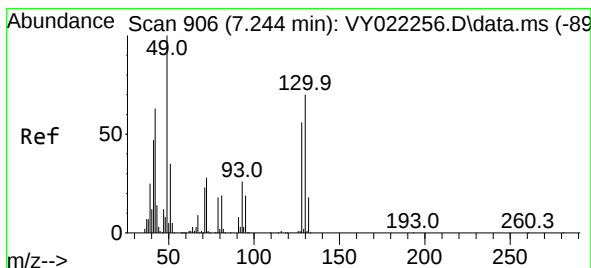
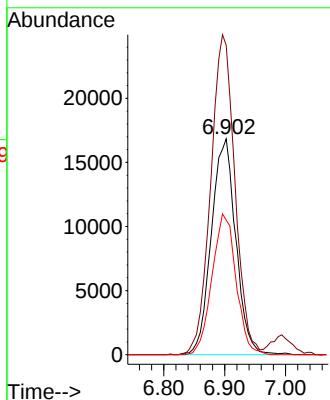
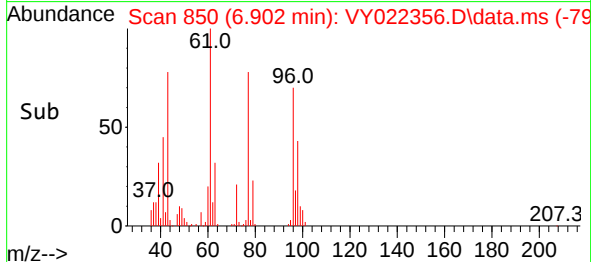
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01



Tgt Ion: 96 Resp: 47008
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 302.6
 98 64.0 0.0 128.8

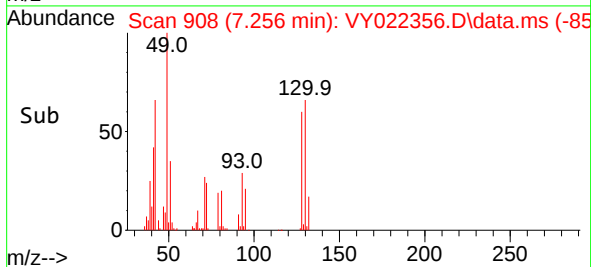
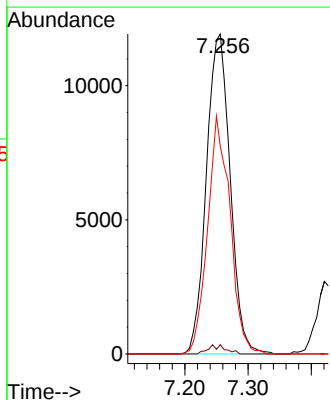
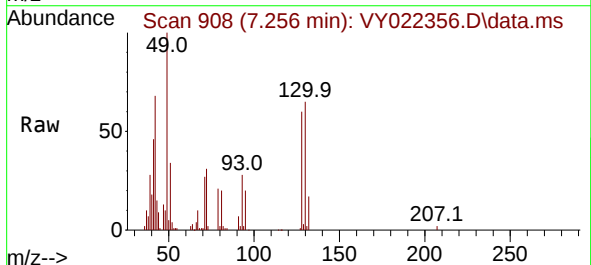
Manual Integrations
 APPROVED

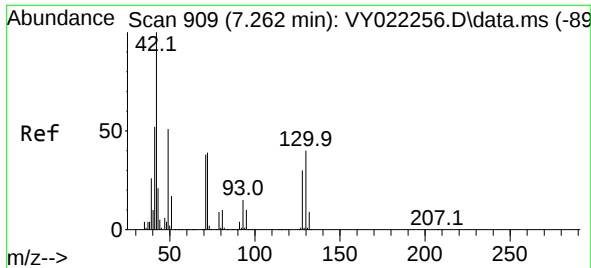
Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025



#28
 Bromochloromethane
 Concen: 20.044 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

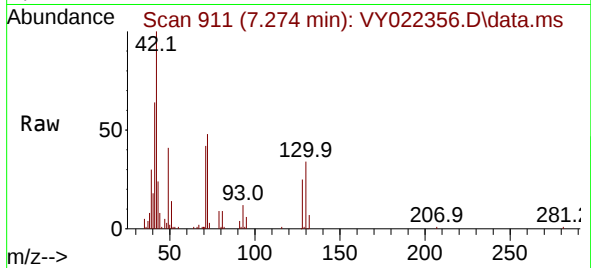
Tgt Ion: 49 Resp: 31153
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 70.3 54.7 82.1





#29
Tetrahydrofuran
Concen: 100.953 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

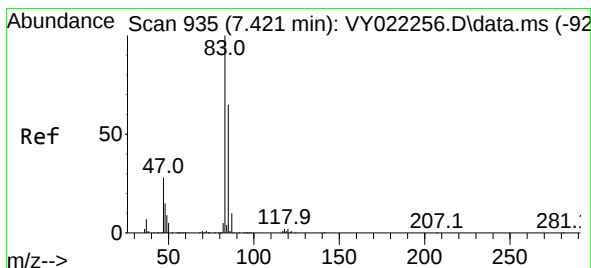
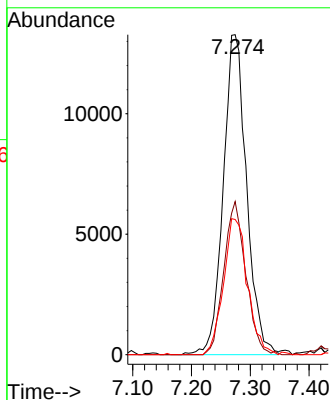
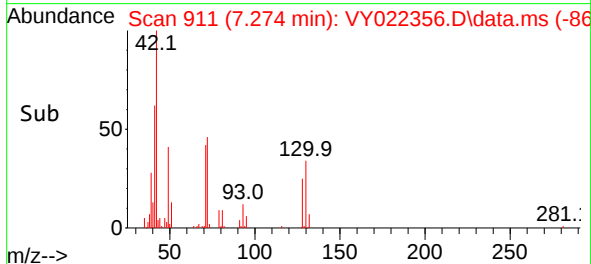
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



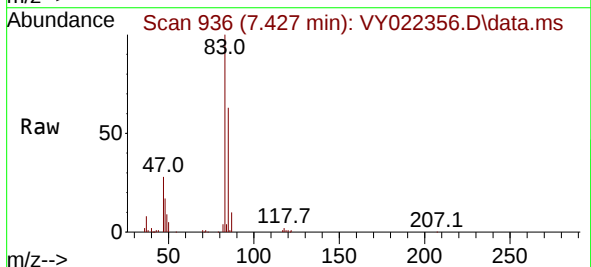
Tgt Ion: 42 Resp: 3666
Ion Ratio Lower Upper
42 100
72 45.2 33.8 50.6
71 43.7 31.5 47.3

Manual Integrations
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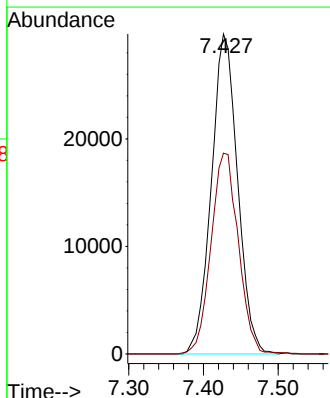
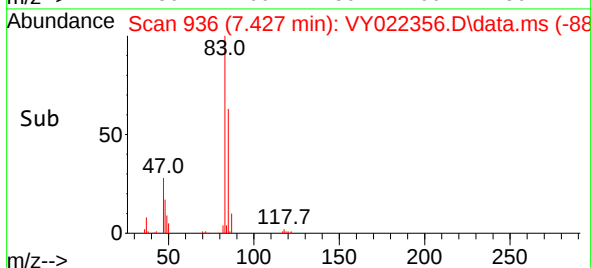
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

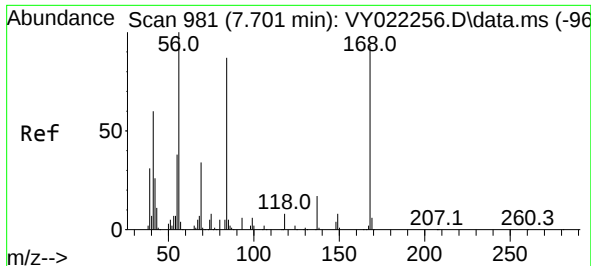


#30
Chloroform
Concen: 20.805 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



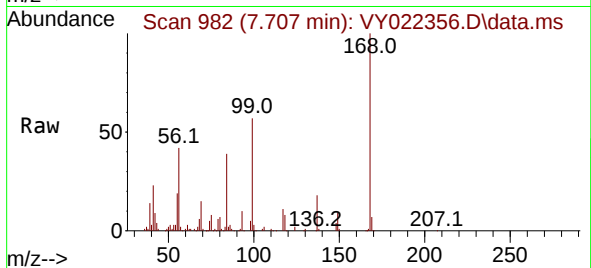
Tgt Ion: 83 Resp: 72715
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.8





#31
Cyclohexane
Concen: 19.298 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

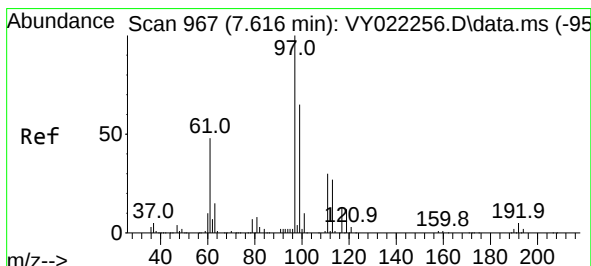
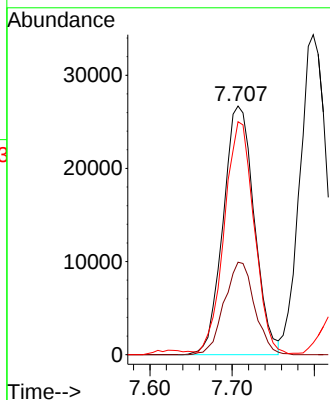
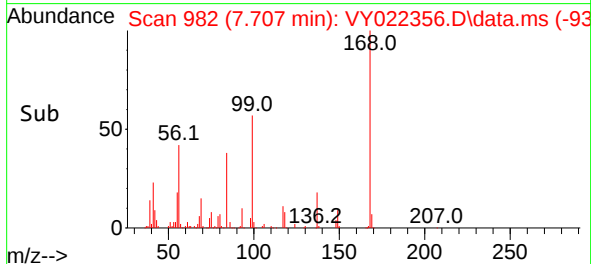
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



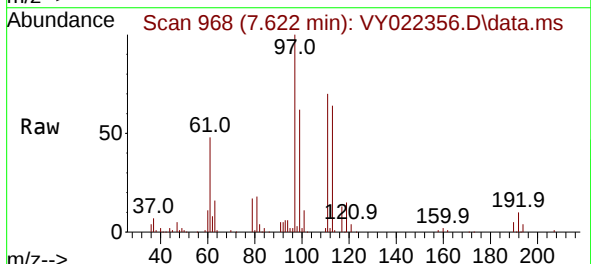
Tgt Ion: 56 Resp: 70259
Ion Ratio Lower Upper
56 100
69 37.2 27.4 41.2
84 92.1 70.0 105.0

Manual Integrations
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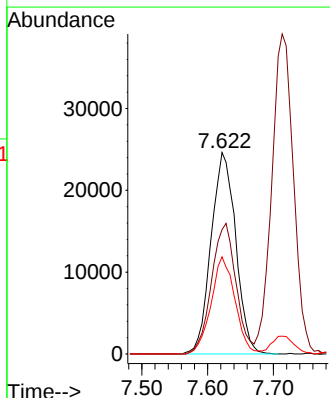
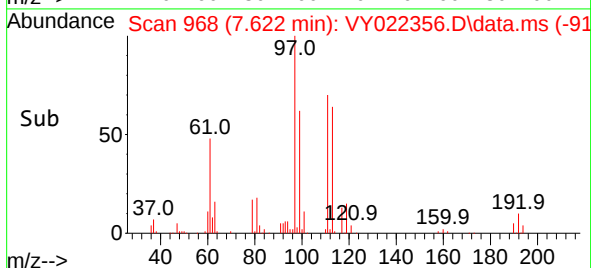
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

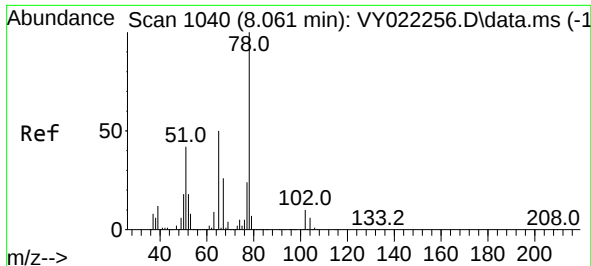


#32
1,1,1-Trichloroethane
Concen: 20.057 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



Tgt Ion: 97 Resp: 64315
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 46.6 38.1 57.1





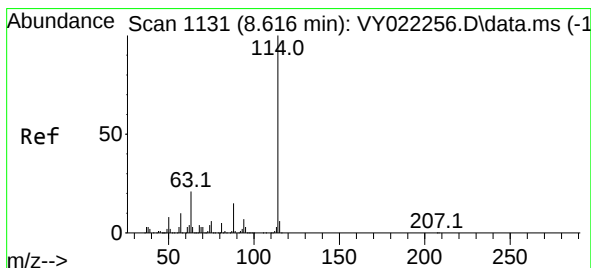
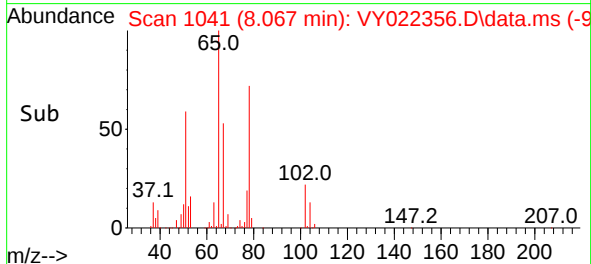
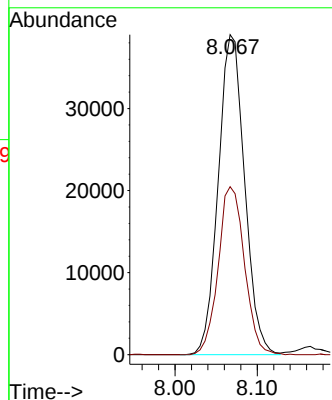
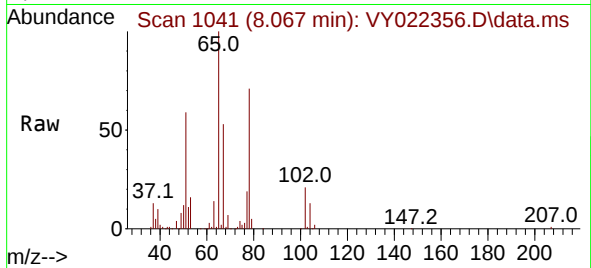
#33
1,2-Dichloroethane-d4
Concen: 48.241 ug/l
RT: 8.067 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion: 65 Resp: 86818
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6

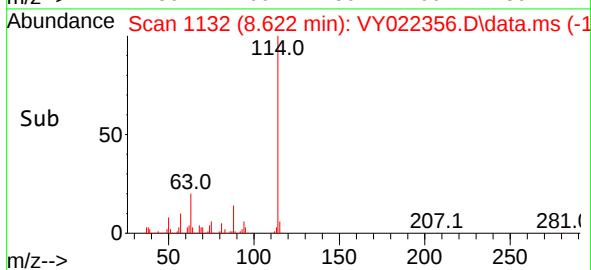
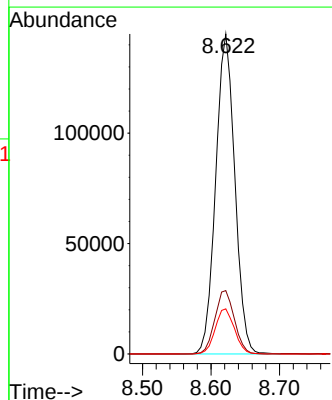
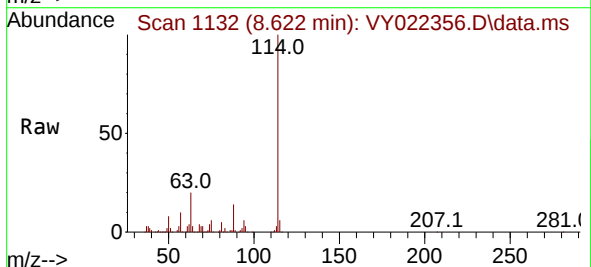
Manual Integrations
APPROVED

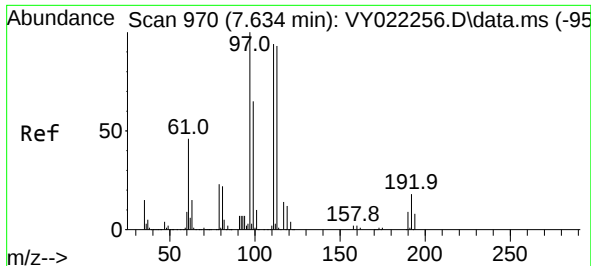
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

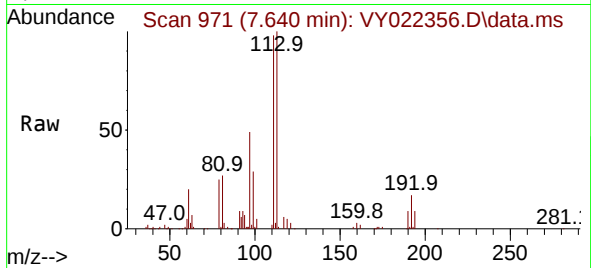
Tgt Ion:114 Resp: 280143
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.0
88 14.1 0.0 29.4





#35
Dibromofluoromethane
Concen: 48.426 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

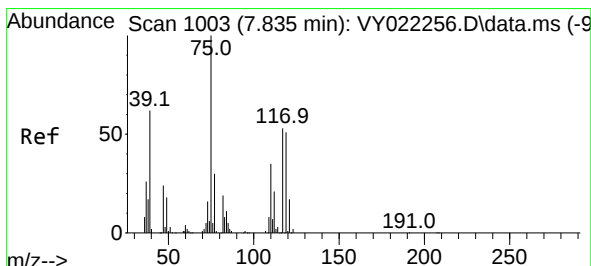
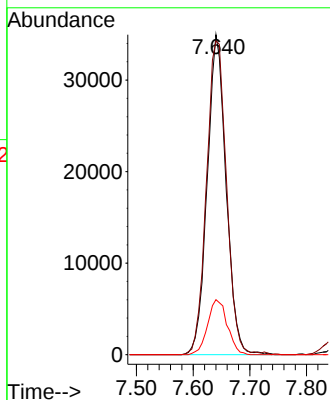
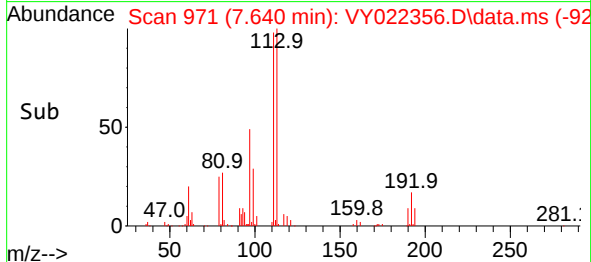
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



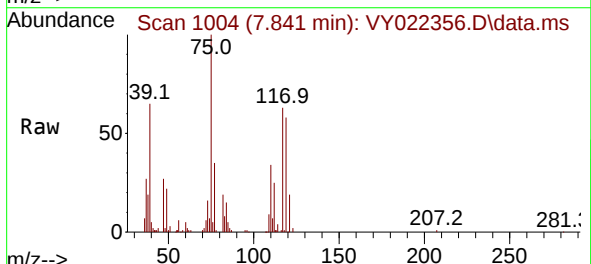
Tgt Ion: 113 Resp: 8097
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 17.9 15.2 22.8

Manual Integrations
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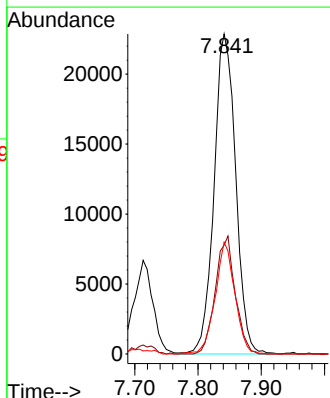
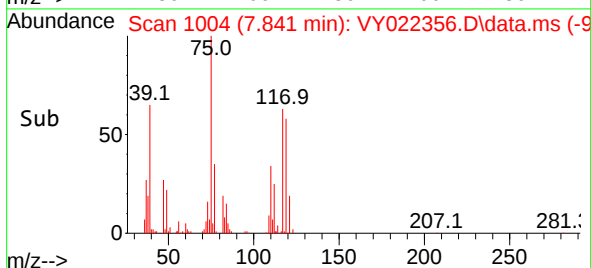
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

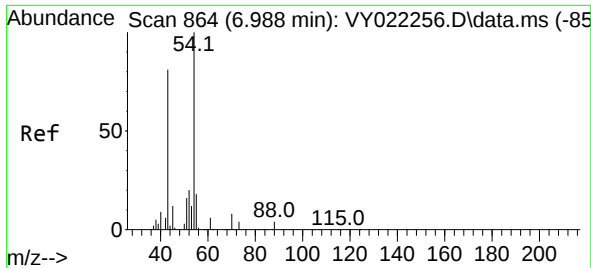


#36
1,1-Dichloropropene
Concen: 19.671 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



Tgt Ion: 75 Resp: 54176
Ion Ratio Lower Upper
75 100
110 33.8 16.6 49.8
77 31.9 24.6 37.0





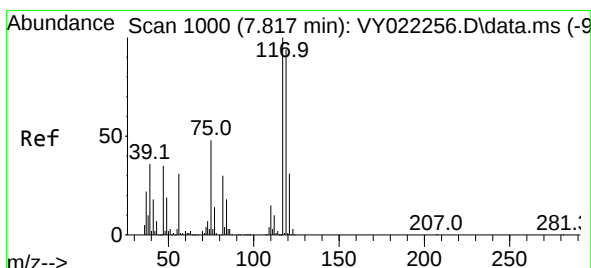
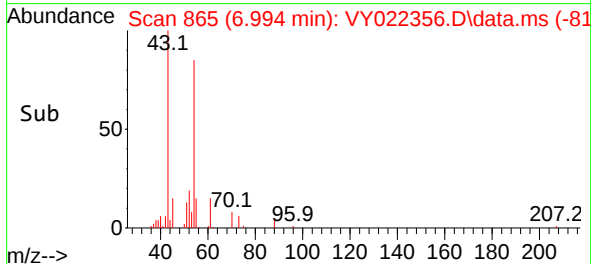
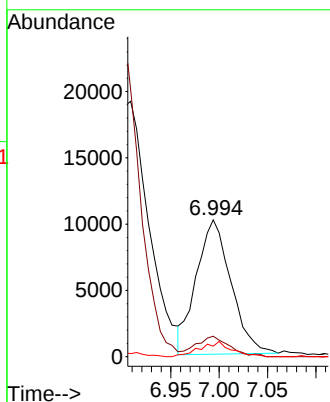
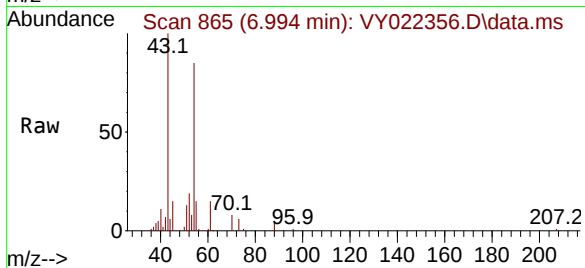
#37
Ethyl Acetate
Concen: 19.120 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion: 43 Resp: 2533
Ion Ratio Lower Upper
43 100
61 14.3 10.2 15.2
70 10.1 7.6 11.4

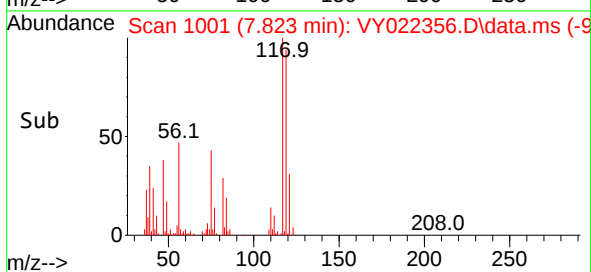
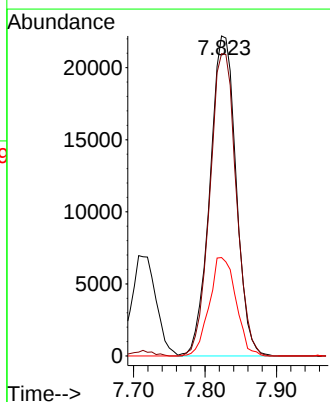
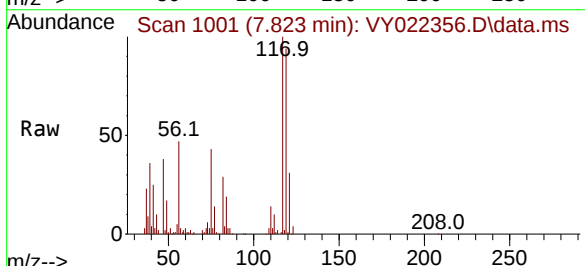
Manual Integrations
APPROVED

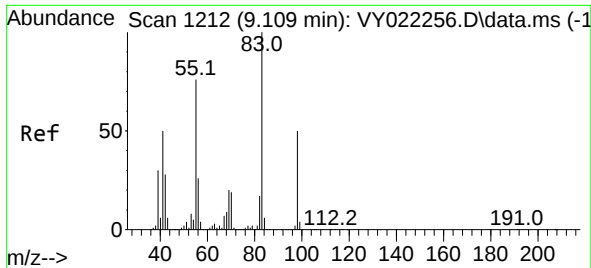
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#38
Carbon Tetrachloride
Concen: 19.762 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

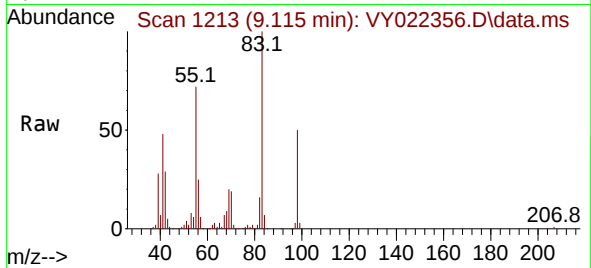
Tgt Ion:117 Resp: 56336
Ion Ratio Lower Upper
117 100
119 94.5 75.3 112.9
121 30.8 24.7 37.1





#39
Methylcyclohexane
Concen: 19.370 ug/l
RT: 9.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

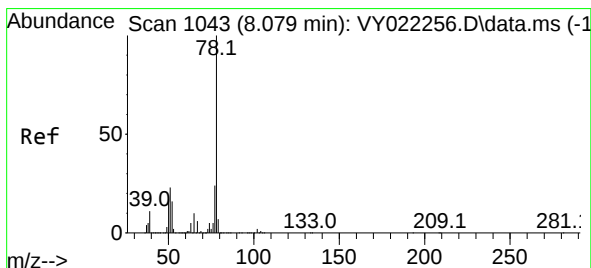
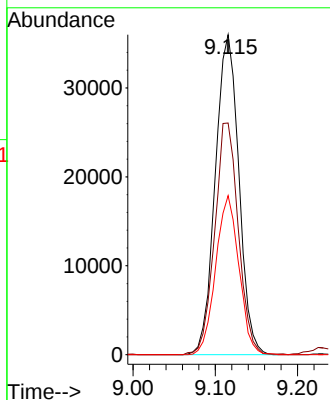
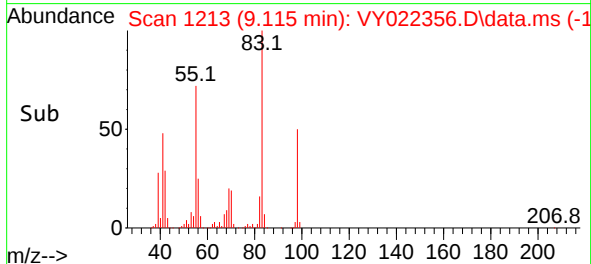
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



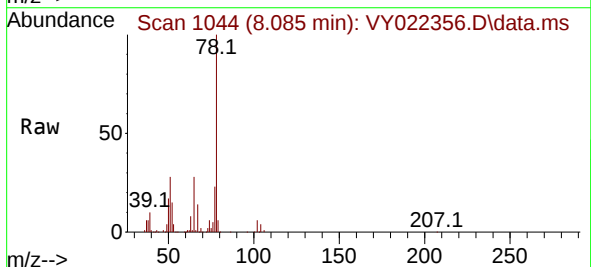
Tgt Ion: 83 Resp: 71670
Ion Ratio Lower Upper
83 100
55 72.4 60.6 90.8
98 49.7 40.0 60.0

Manual Integrations
APPROVED

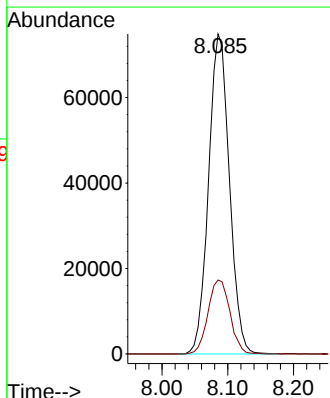
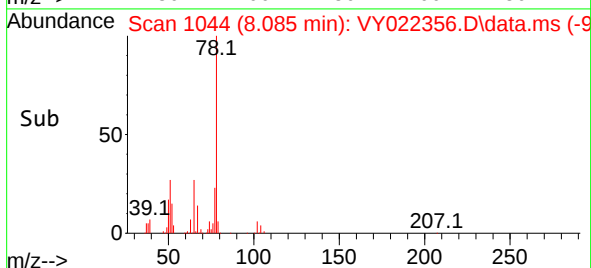
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

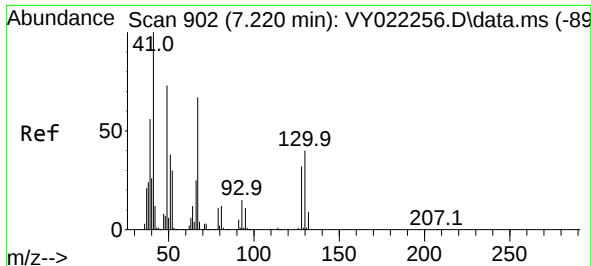


#40
Benzene
Concen: 20.204 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



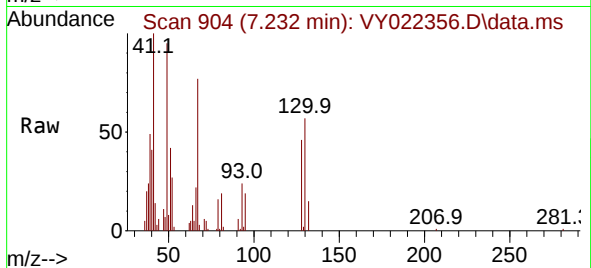
Tgt Ion: 78 Resp: 164958
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3





#41
Methacrylonitrile
Concen: 20.226 ug/l m
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

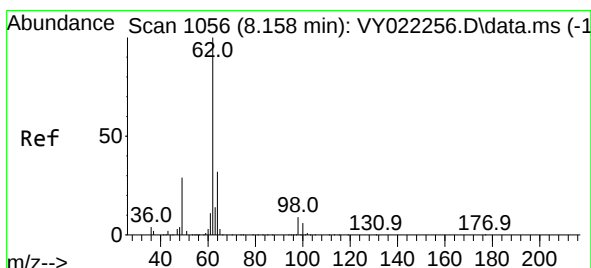
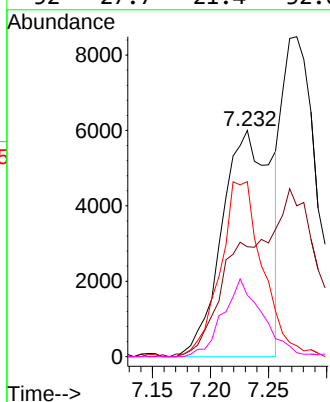
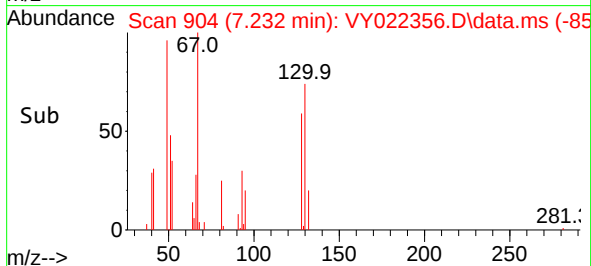
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



Tgt Ion:	41	Resp:	17779
Ion Ratio	Lower	Upper	
41	100		
39	0.0	39.1	58.7
67	66.6	47.1	70.7
52	27.7	21.4	32.0

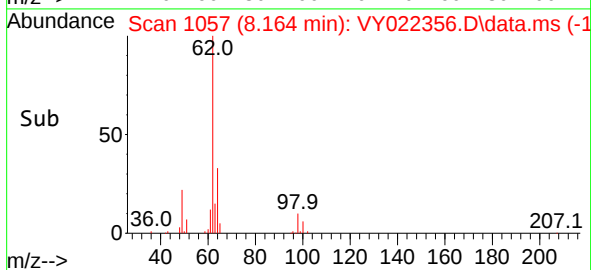
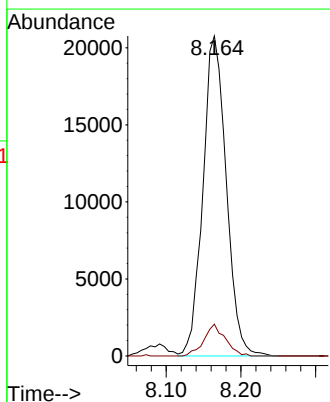
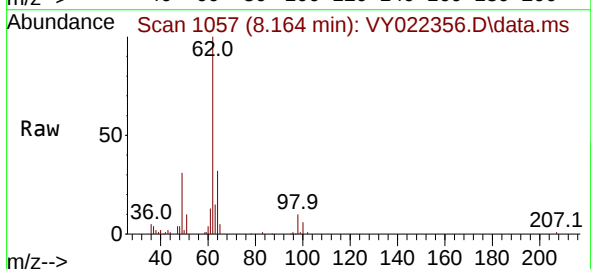
Manual Integrations
APPROVED

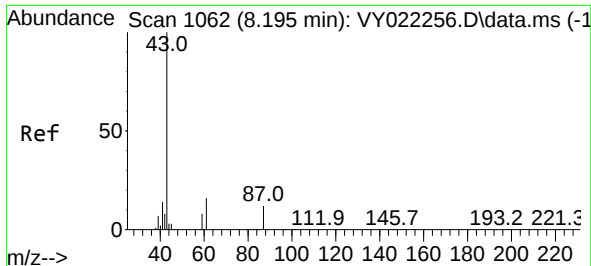
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#42
1,2-Dichloroethane
Concen: 20.436 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion:	62	Resp:	45120
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	18.4





#43

Isopropyl Acetate

Concen: 19.420 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.012 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

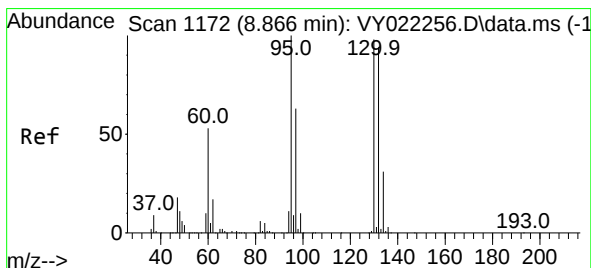
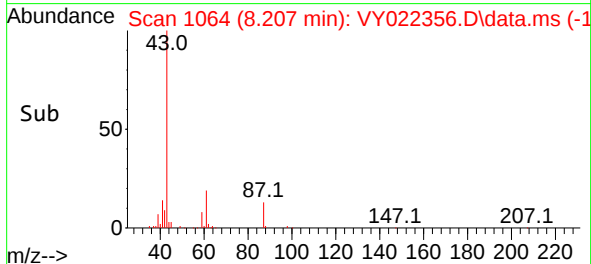
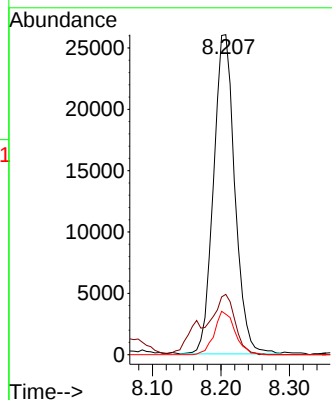
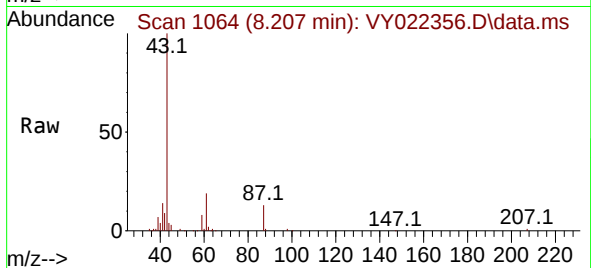
VY0521SBS01

Tgt Ion: 43	Resp: 5612
Ion Ratio	Lower Upper
43	100
61	19.4 15.1 22.7
87	13.2 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#44

Trichloroethene

Concen: 20.191 ug/l

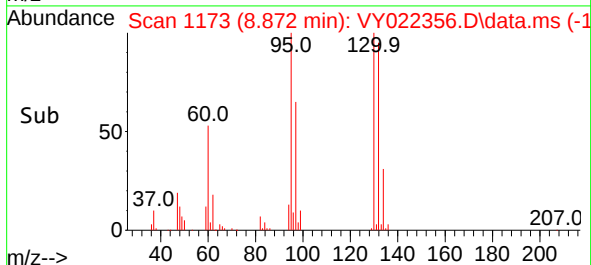
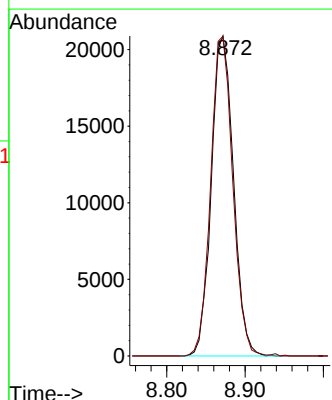
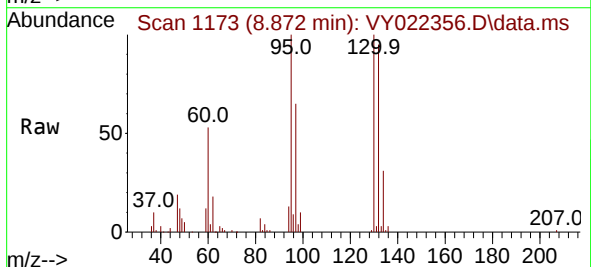
RT: 8.872 min Scan# 1173

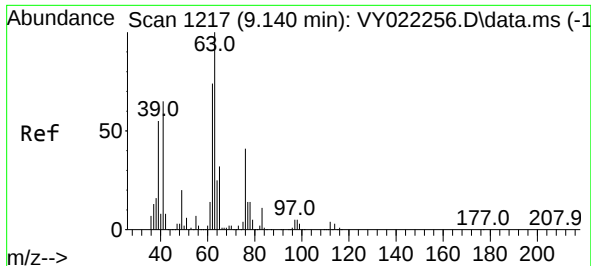
Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Tgt Ion:130	Resp: 40988
Ion Ratio	Lower Upper
130	100
95	99.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.840 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

Tgt Ion: 63 Resp: 3905

Ion Ratio Lower Upper

63 100

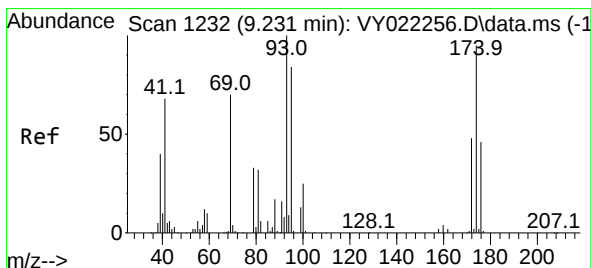
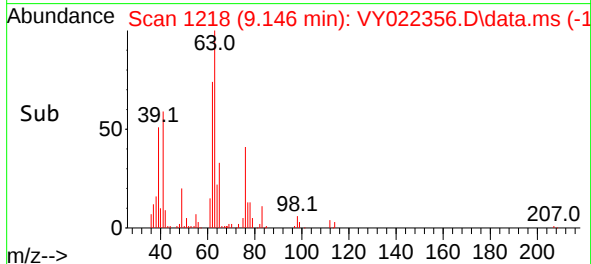
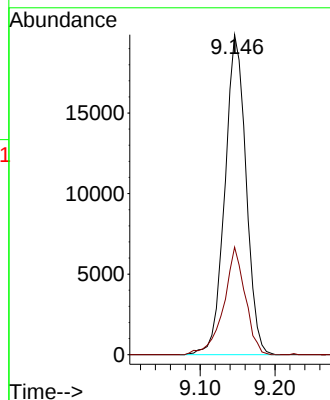
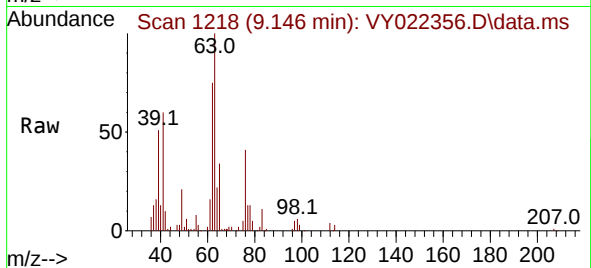
65 33.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#46

Dibromomethane

Concen: 20.640 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

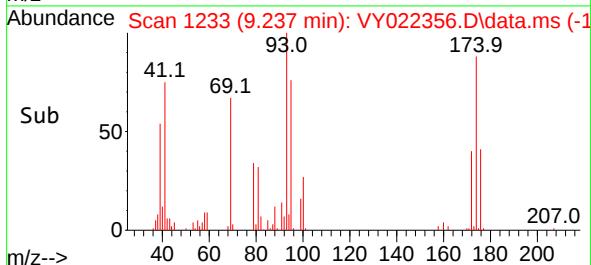
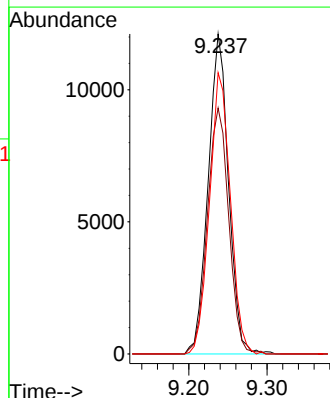
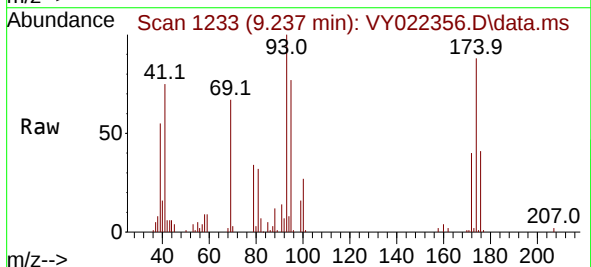
Tgt Ion: 93 Resp: 21913

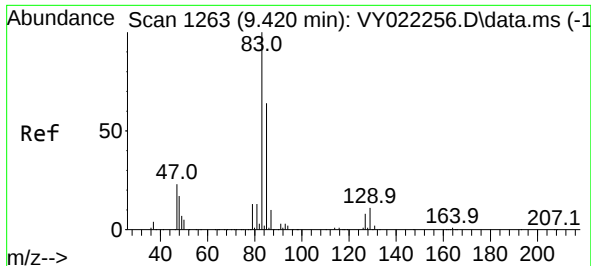
Ion Ratio Lower Upper

93 100

95 80.4 65.2 97.8

174 89.9 74.3 111.5





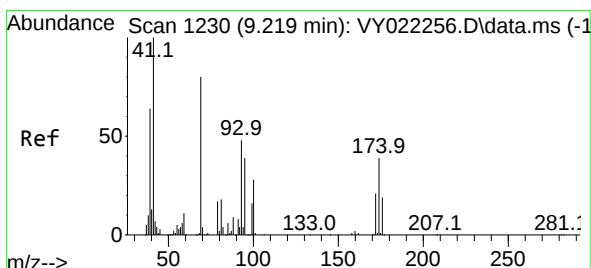
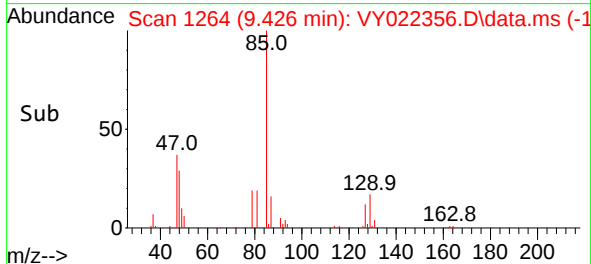
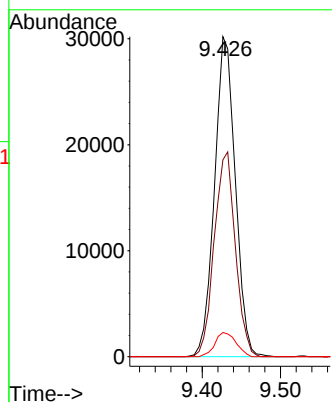
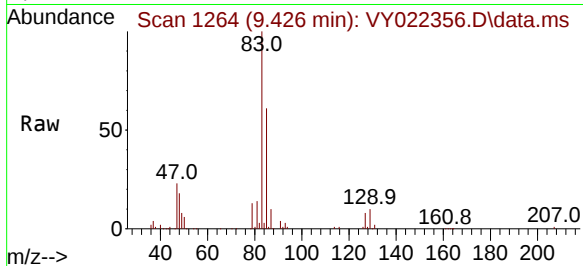
#47
Bromodichloromethane
Concen: 20.252 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion: 83 Resp: 55778
Ion Ratio Lower Upper
83 100
85 61.5 51.1 76.7
127 7.6 6.6 10.0

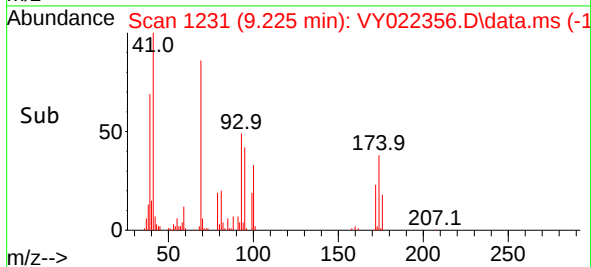
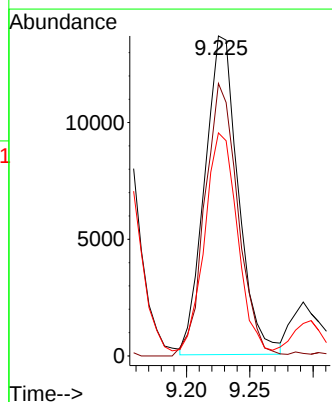
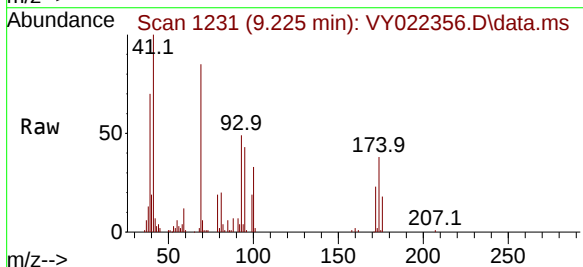
Manual Integrations
APPROVED

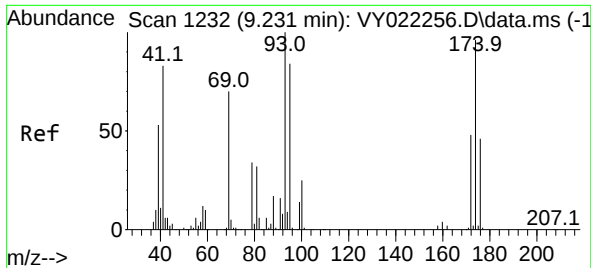
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#48
Methyl methacrylate
Concen: 18.730 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

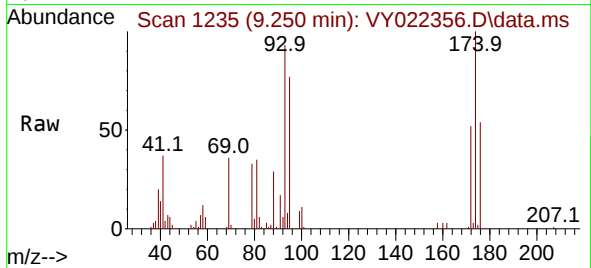
Tgt Ion: 41 Resp: 25313
Ion Ratio Lower Upper
41 100
69 84.0 63.5 95.3
39 66.2 50.8 76.2





#49
1,4-Dioxane
Concen: 406.715 ug/l
RT: 9.250 min Scan# 1235
Delta R.T. 0.018 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

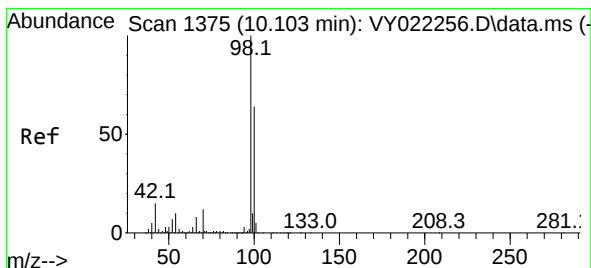
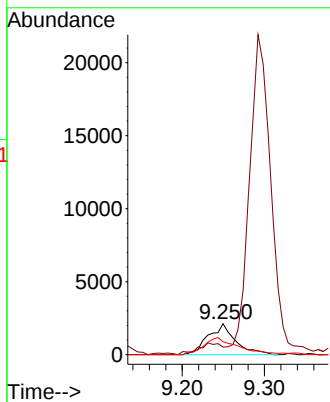
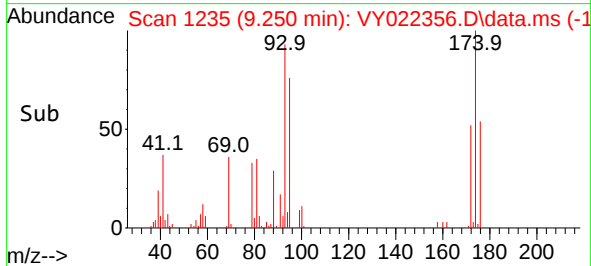
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



Tgt Ion: 88 Resp: 4878
Ion Ratio Lower Upper
88 100
43 32.6 28.5 42.7
58 68.9 61.4 92.2

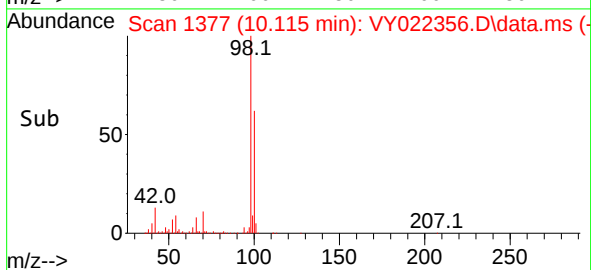
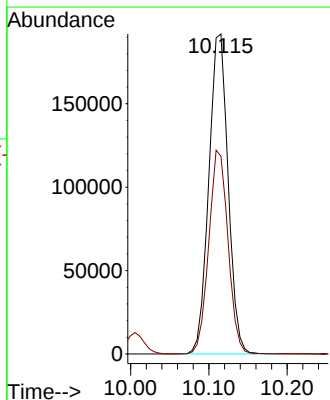
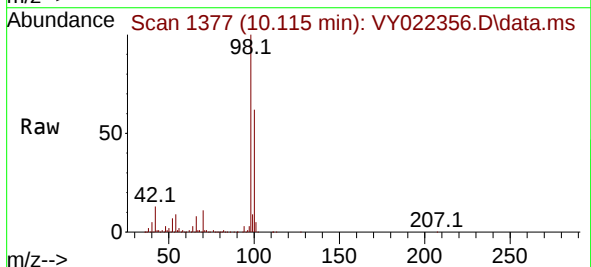
Manual Integrations
APPROVED

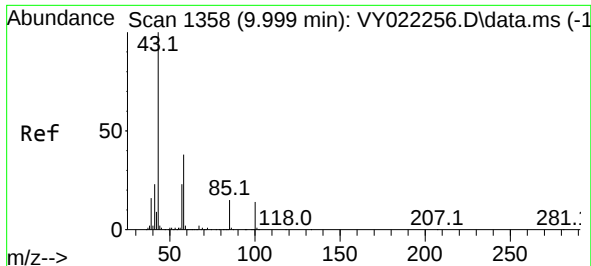
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#50
Toluene-d8
Concen: 47.907 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 98 Resp: 328068
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 96.396 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

Tgt Ion: 43 Resp: 136690

Ion Ratio Lower Upper

43 100

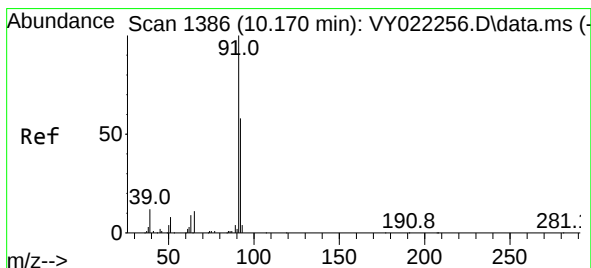
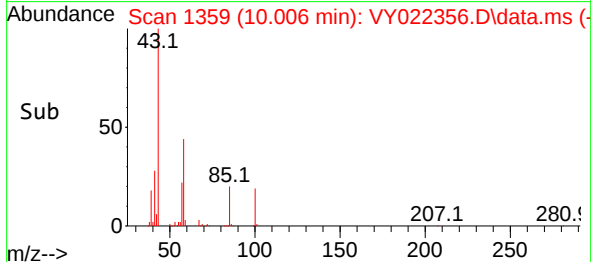
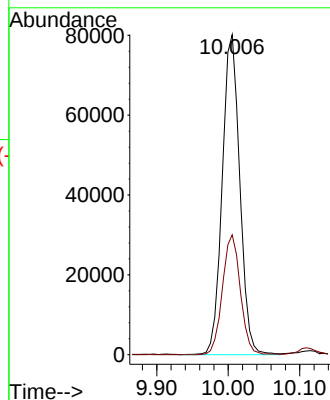
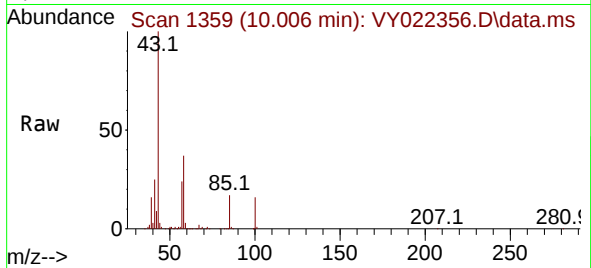
58 38.3 29.4 44.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#52

Toluene

Concen: 19.929 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY022356.D

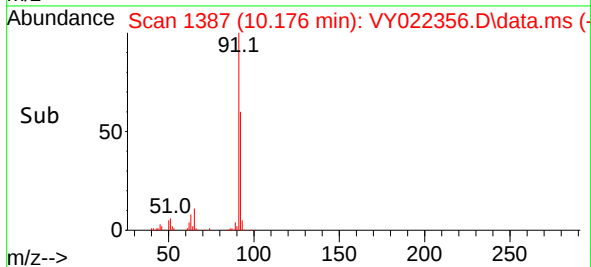
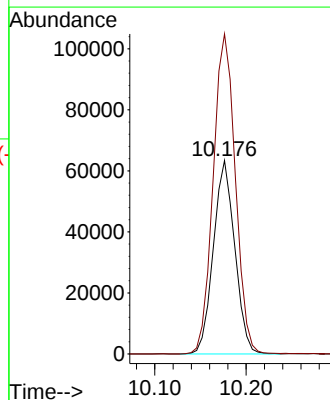
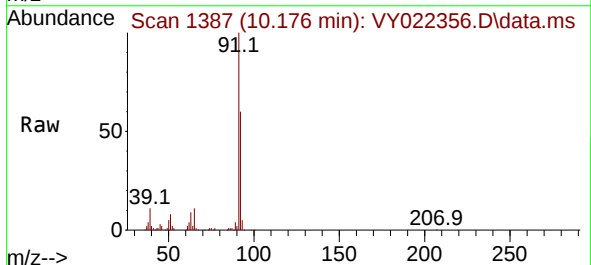
Acq: 21 May 2025 10:35

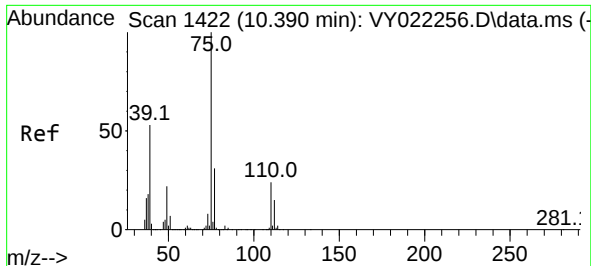
Tgt Ion: 92 Resp: 103033

Ion Ratio Lower Upper

92 100

91 171.7 139.1 208.7





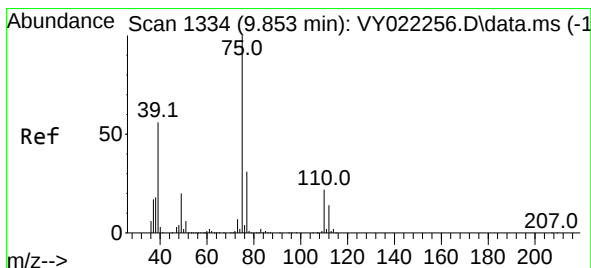
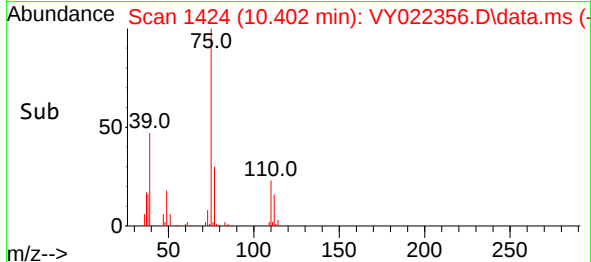
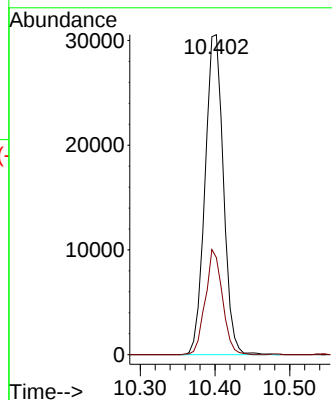
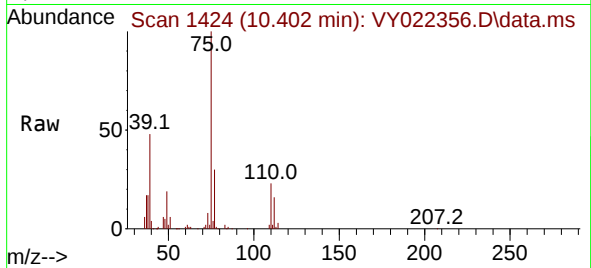
#53
t-1,3-Dichloropropene
Concen: 19.362 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion: 75 Resp: 52044
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6

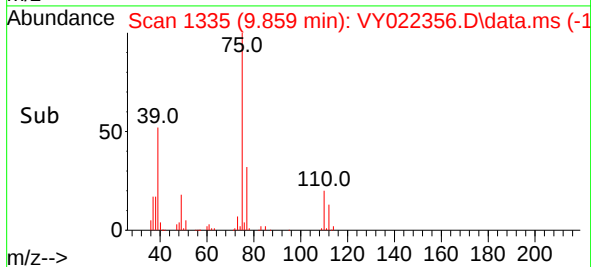
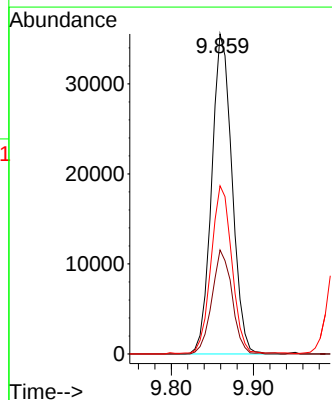
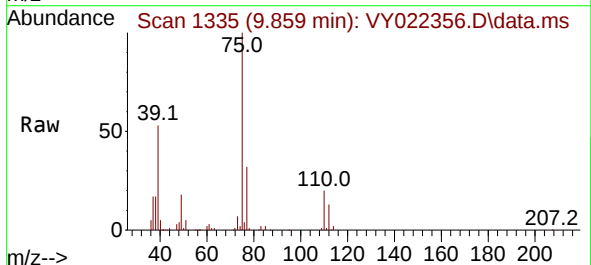
Manual Integrations
APPROVED

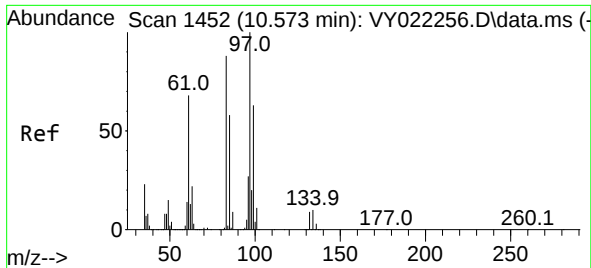
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#54
cis-1,3-Dichloropropene
Concen: 19.878 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

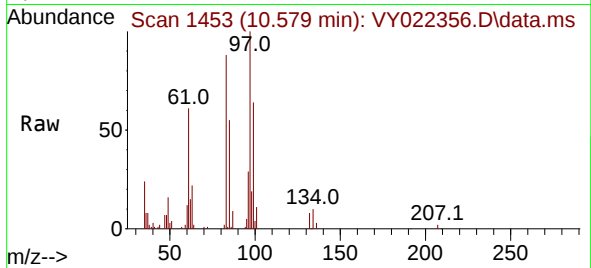
Tgt Ion: 75 Resp: 61214
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7
39 52.4 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 20.800 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

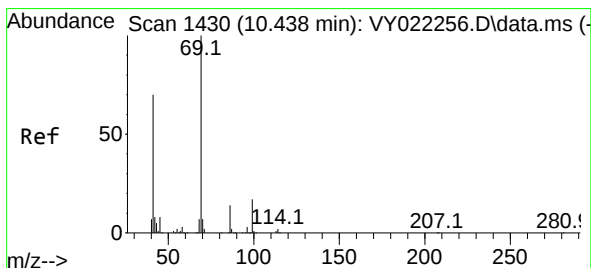
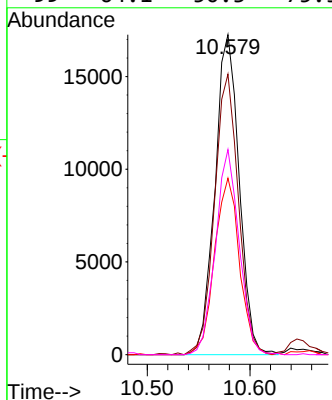
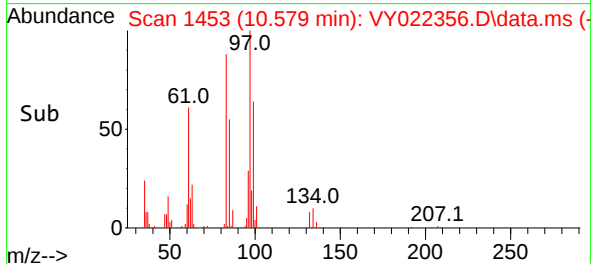
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



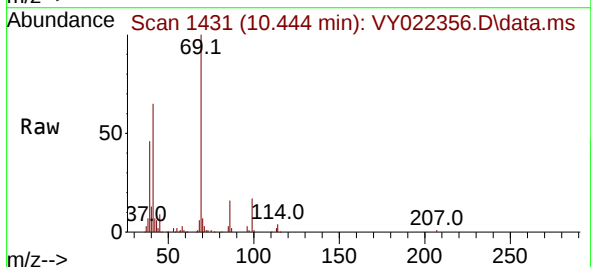
Tgt Ion: 97 Resp: 28278
Ion Ratio Lower Upper
97 100
83 87.1 70.3 105.5
85 55.2 46.2 69.4
99 64.1 50.3 75.5

Manual Integrations
APPROVED

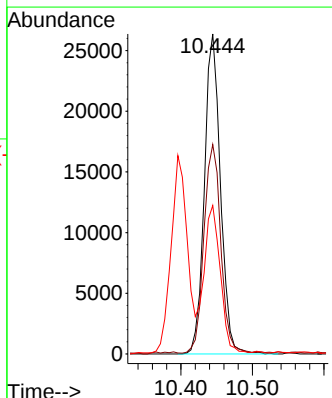
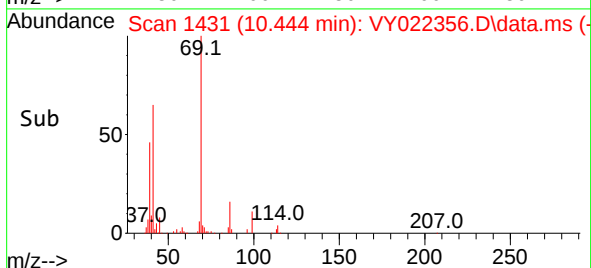
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

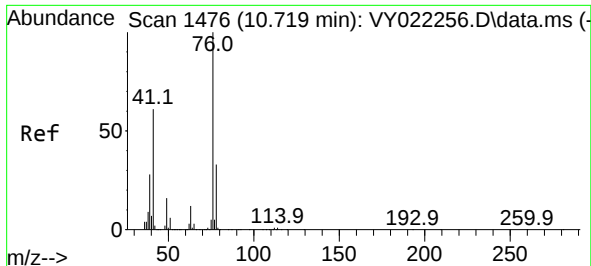


#56
Ethyl methacrylate
Concen: 19.419 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



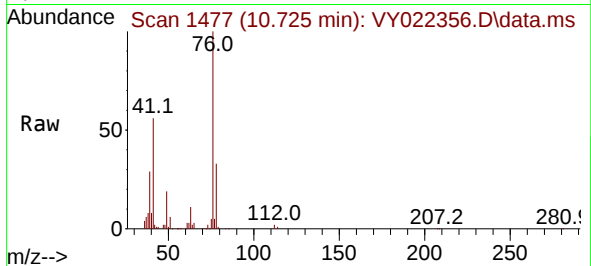
Tgt Ion: 69 Resp: 41124
Ion Ratio Lower Upper
69 100
41 68.6 56.5 84.7
39 46.7 37.1 55.7





#57
1,3-Dichloropropane
Concen: 20.493 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

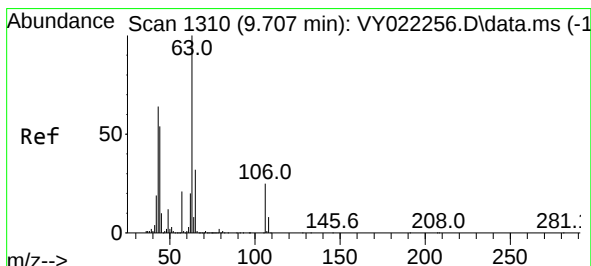
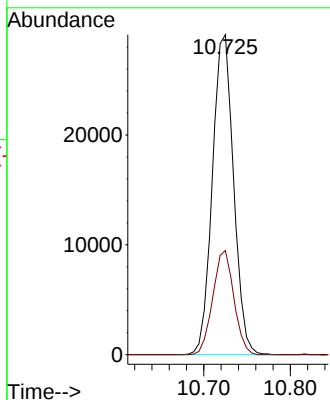
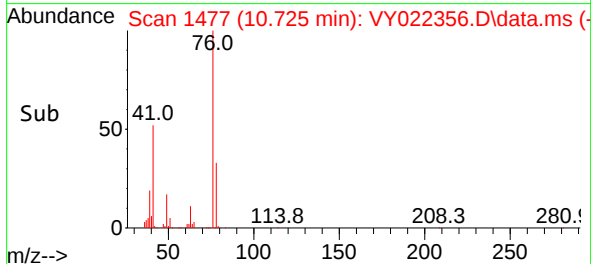
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



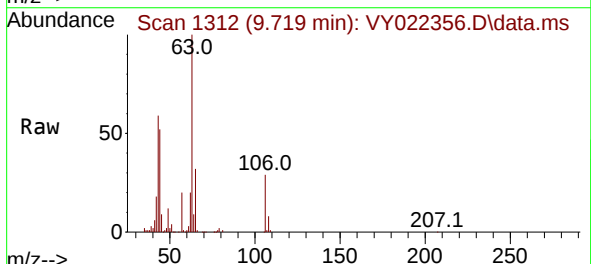
Tgt Ion: 76 Resp: 49500
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

Manual Integrations
APPROVED

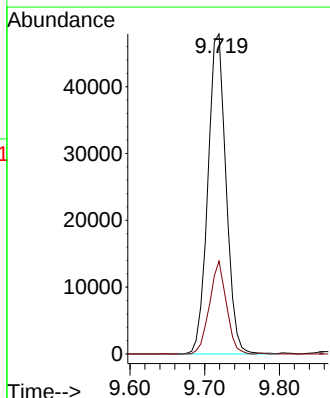
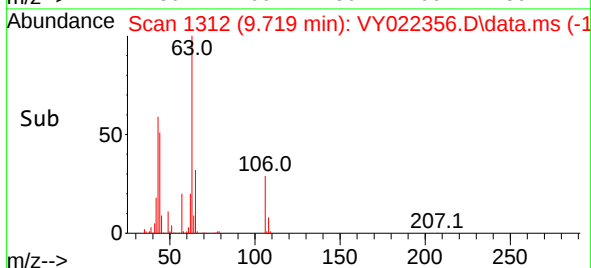
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#58
2-Chloroethyl Vinyl ether
Concen: 85.143 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



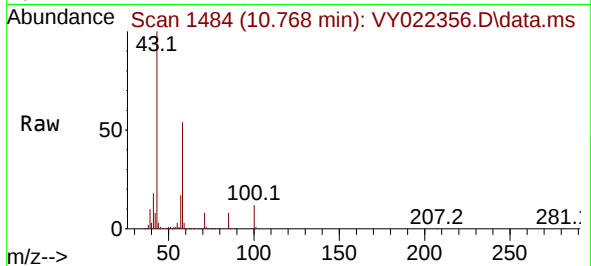
Tgt Ion: 63 Resp: 80930
Ion Ratio Lower Upper
63 100
106 26.9 21.0 31.4





#59
2-Hexanone
Concen: 95.872 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

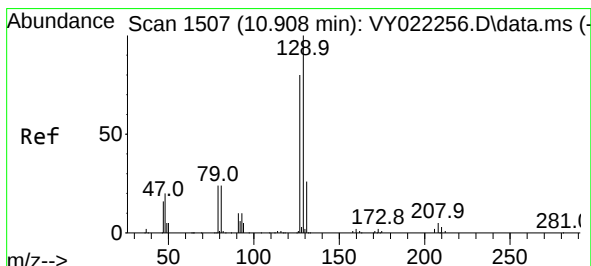
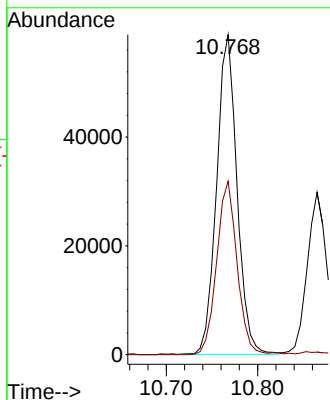
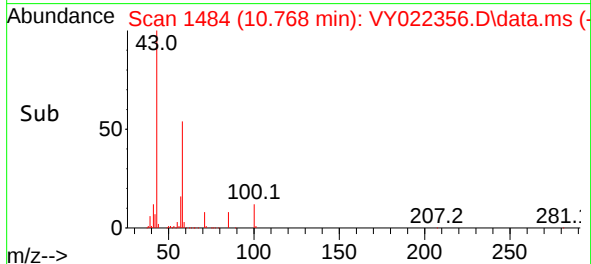
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



Tgt Ion: 43 Resp: 91150
Ion Ratio Lower Upper
43 100
58 54.5 26.1 78.3

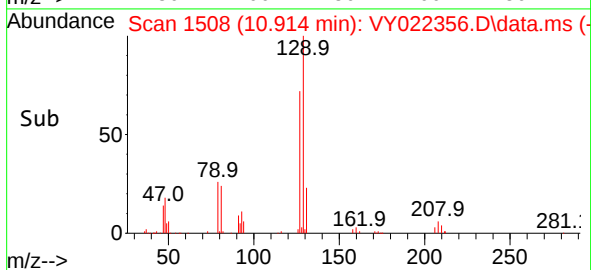
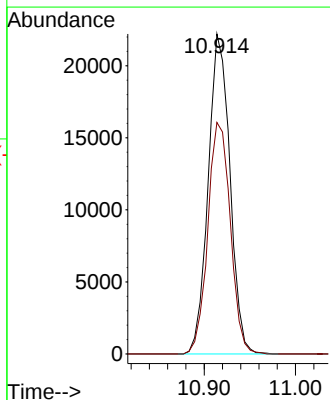
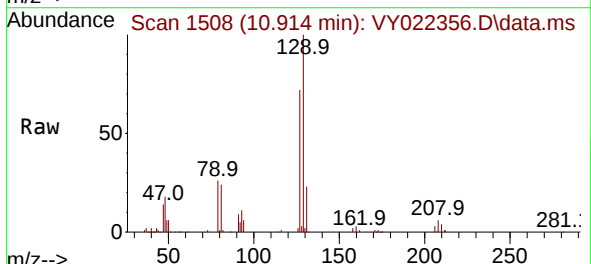
Manual Integrations
APPROVED

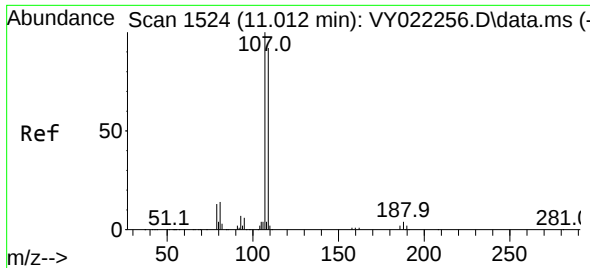
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#60
Dibromochloromethane
Concen: 20.744 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

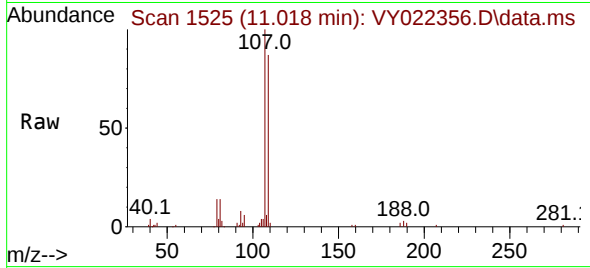
Tgt Ion:129 Resp: 36605
Ion Ratio Lower Upper
129 100
127 75.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 20.608 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

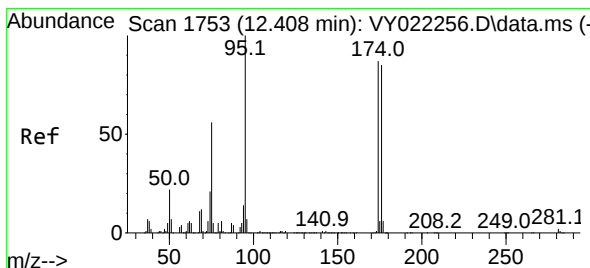
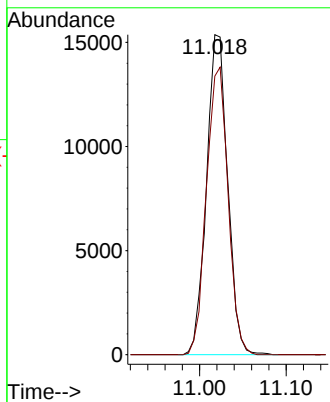
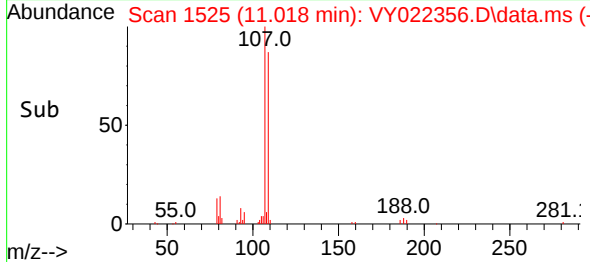
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



Tgt Ion:107 Resp: 2611
Ion Ratio Lower Upper
107 100
109 92.0 74.6 111.8

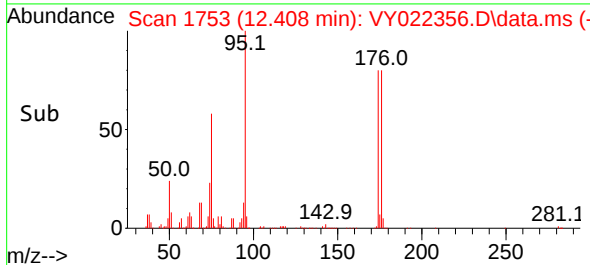
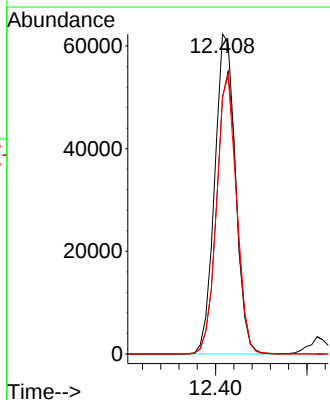
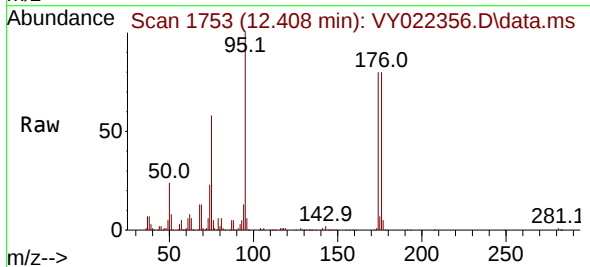
Manual Integrations
APPROVED

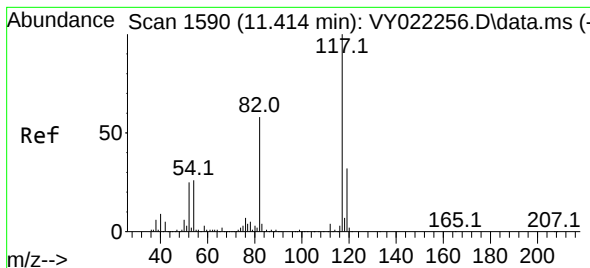
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#62
4-Bromofluorobenzene
Concen: 45.357 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 95 Resp: 98452
Ion Ratio Lower Upper
95 100
174 84.5 0.0 166.8
176 83.7 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

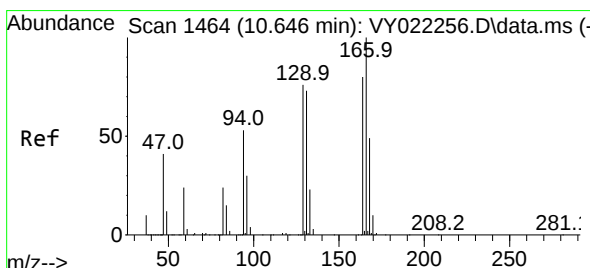
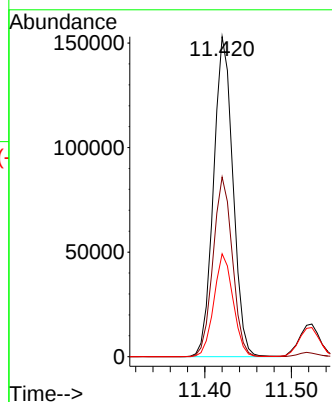
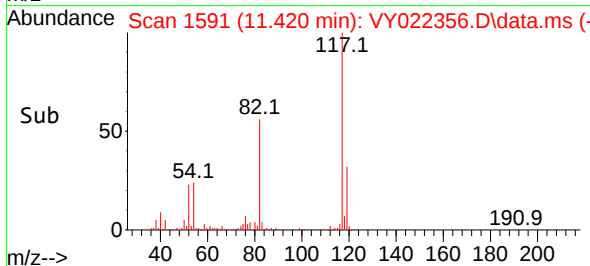
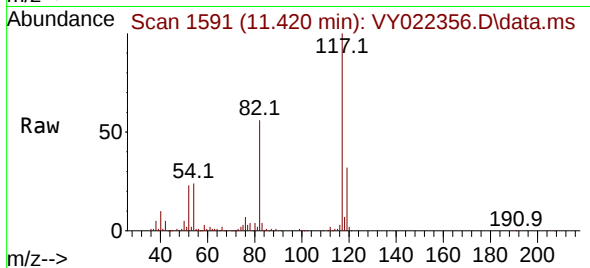
Tgt Ion:117 Resp: 23835

Ion	Ratio	Lower	Upper
117	100		
82	56.2	46.6	70.0
119	32.1	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#64

Tetrachloroethene

Concen: 20.371 ug/l

RT: 10.652 min Scan# 1465

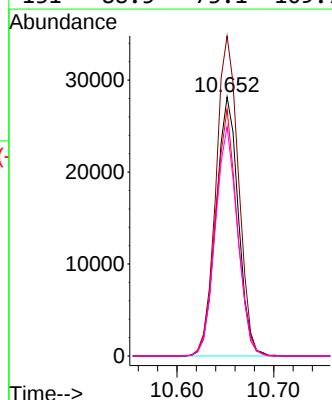
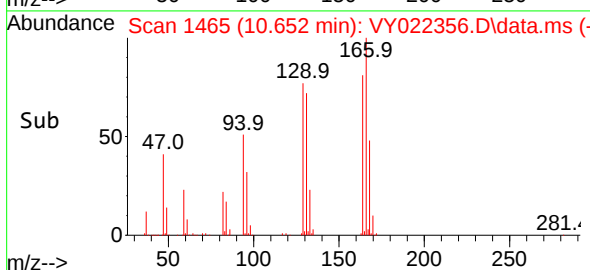
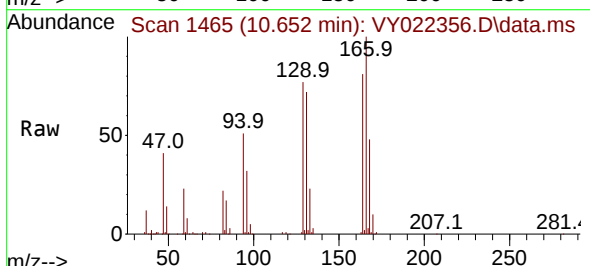
Delta R.T. 0.006 min

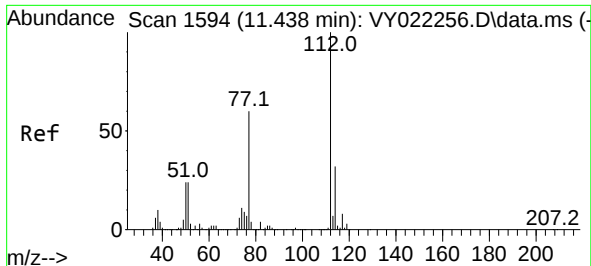
Lab File: VY022356.D

Acq: 21 May 2025 10:35

Tgt Ion:164 Resp: 44880

Ion	Ratio	Lower	Upper
164	100		
166	123.5	100.4	150.6
129	95.2	76.4	114.6
131	88.5	73.1	109.7





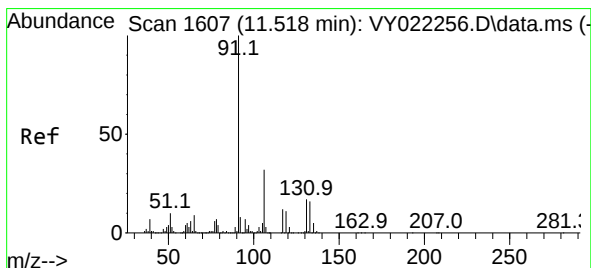
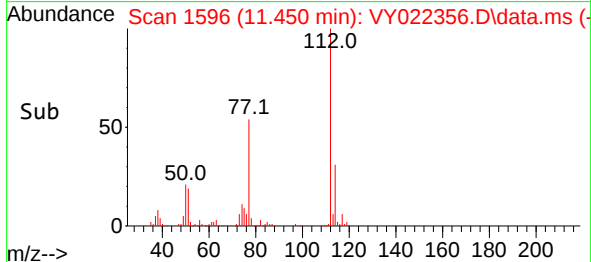
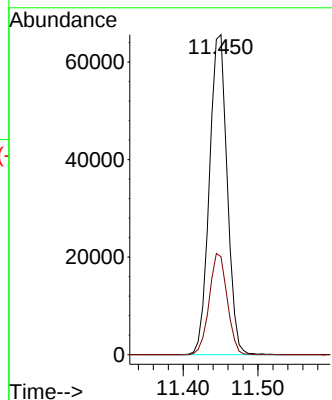
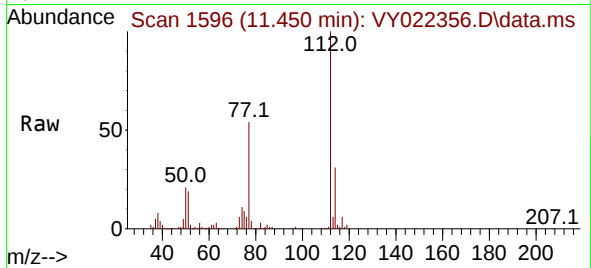
#65
Chlorobenzene
Concen: 20.151 ug/l
RT: 11.450 min Scan# 1112
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion:112 Resp: 108362
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6

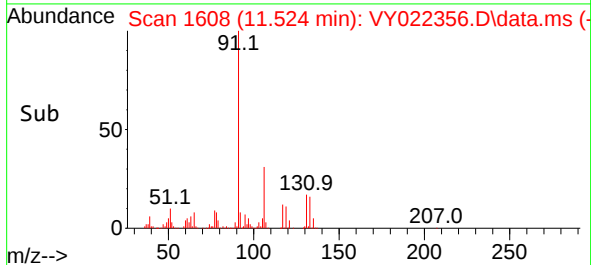
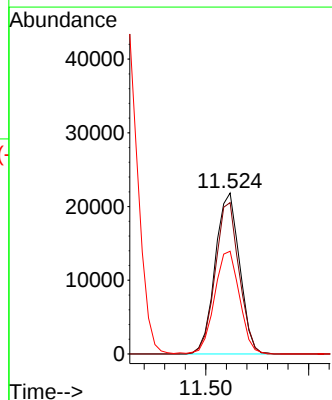
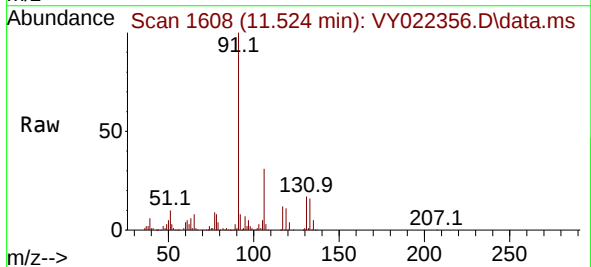
Manual Integrations
APPROVED

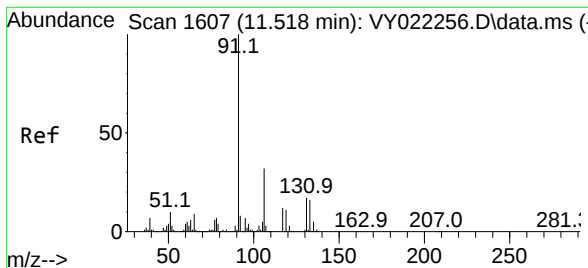
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.475 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

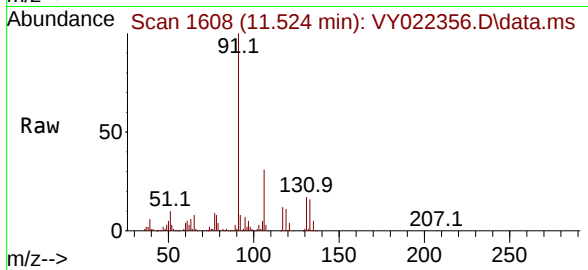
Tgt Ion:131 Resp: 36004
Ion Ratio Lower Upper
131 100
133 92.3 47.3 141.9
119 65.5 33.1 99.2





#67
Ethyl Benzene
Concen: 19.270 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

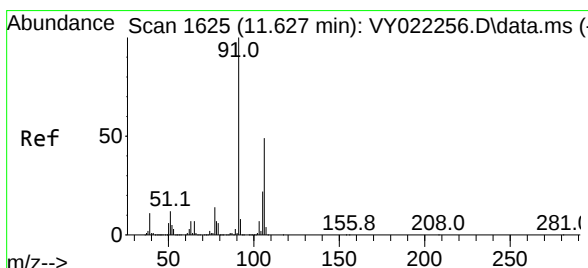
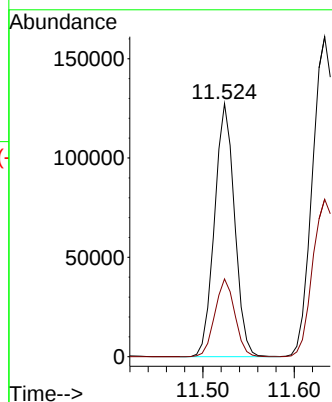
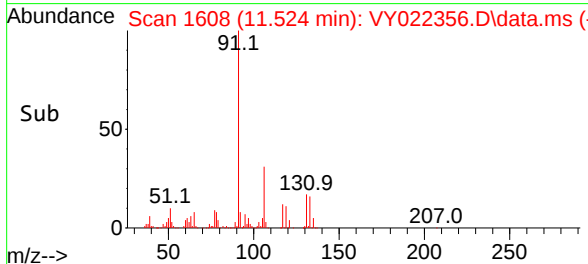
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



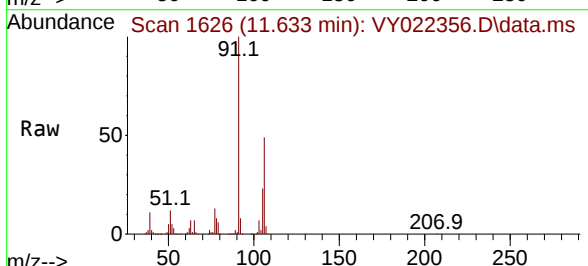
Tgt Ion: 91 Resp: 19406
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0

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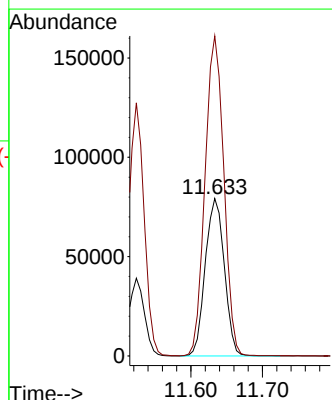
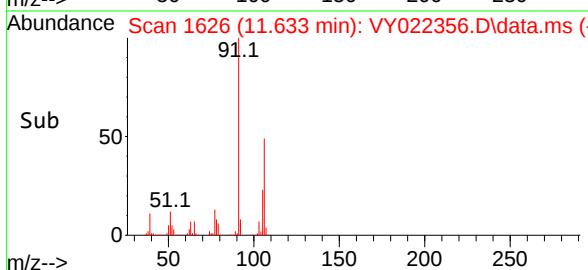
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

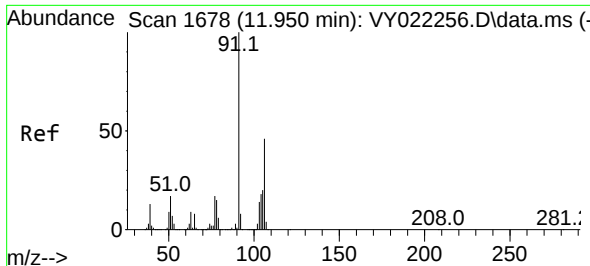


#68
m/p-Xylenes
Concen: 38.652 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



Tgt Ion:106 Resp: 146681
Ion Ratio Lower Upper
106 100
91 199.9 163.0 244.4





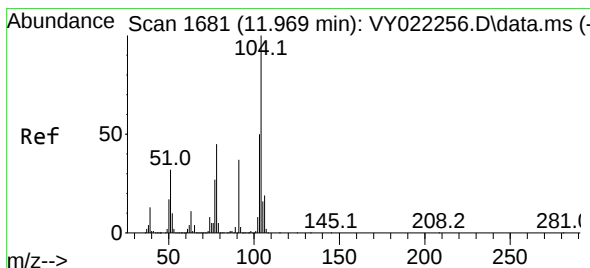
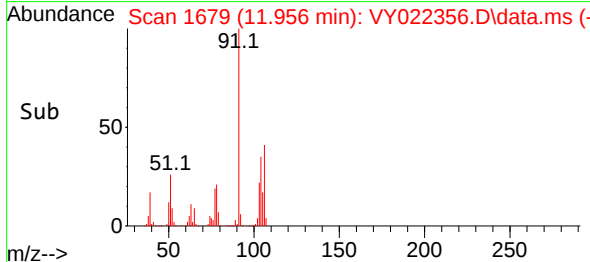
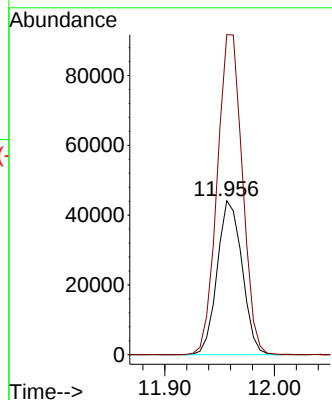
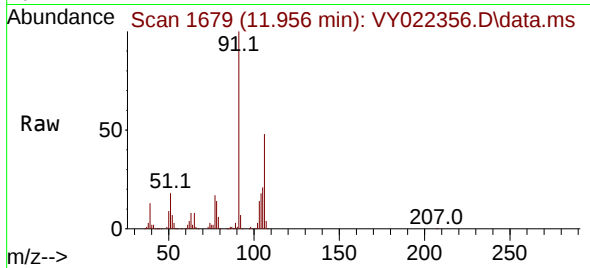
#69
o-Xylene
Concen: 19.373 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion:106 Resp: 69558
Ion Ratio Lower Upper
106 100
91 211.2 108.3 324.8

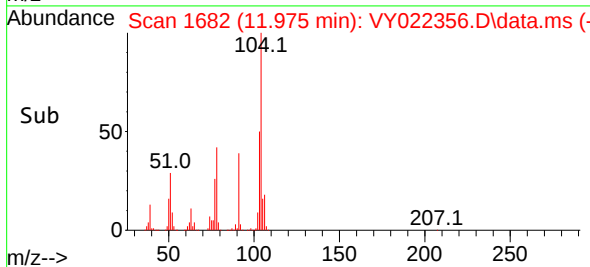
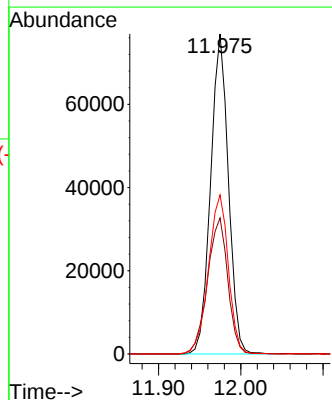
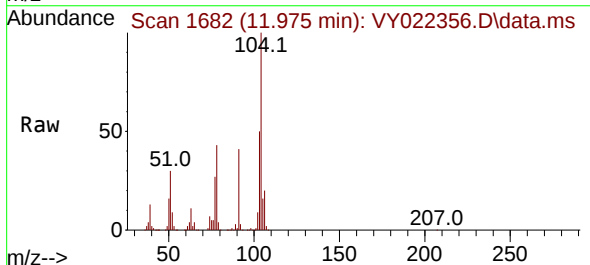
Manual Integrations
APPROVED

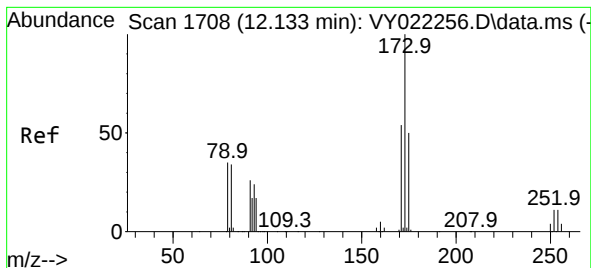
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#70
Styrene
Concen: 19.122 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion:104 Resp: 115812
Ion Ratio Lower Upper
104 100
78 48.6 40.9 61.3
103 55.4 43.7 65.5





#71

Bromoform

Concen: 19.283 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

Tgt Ion:173 Resp: 1924

Ion Ratio Lower Upper

173 100

175 51.5 24.7 74.1

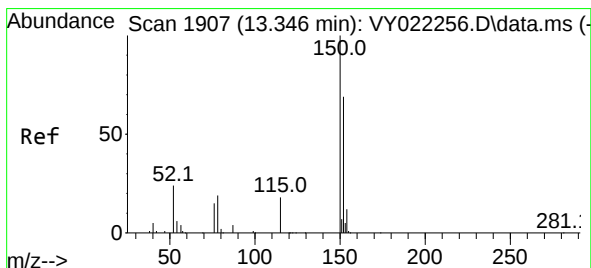
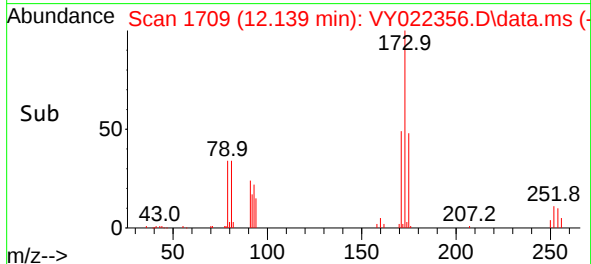
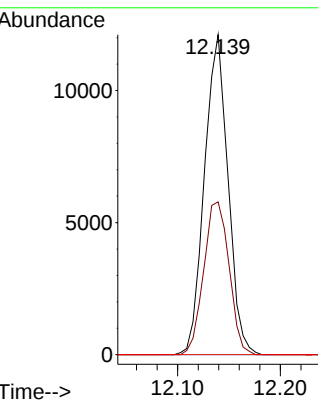
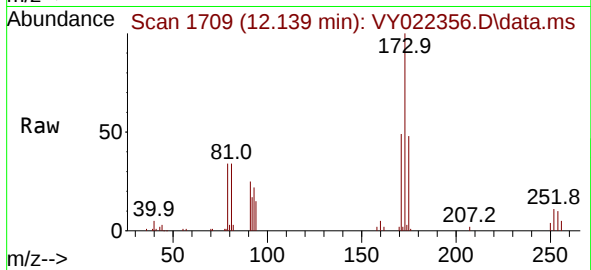
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

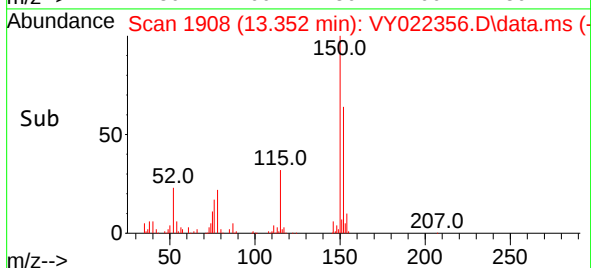
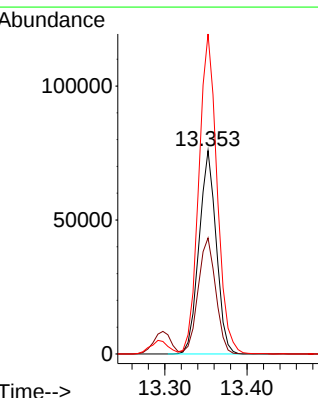
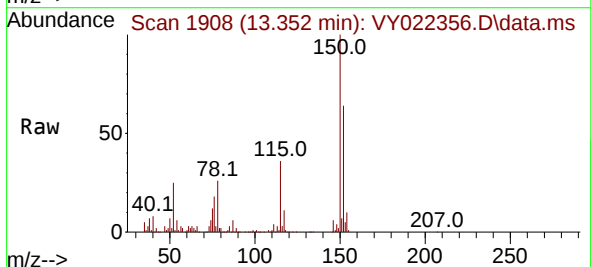
Tgt Ion:152 Resp: 110395

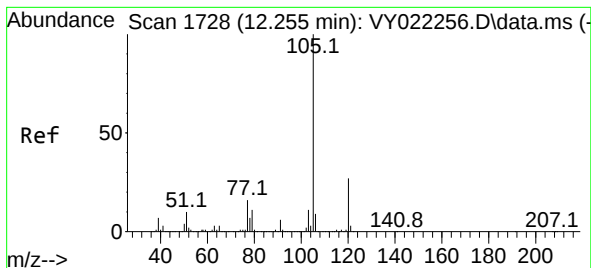
Ion Ratio Lower Upper

152 100

115 58.4 29.4 88.2

150 167.3 0.0 353.8





#73

Isopropylbenzene

Concen: 19.867 ug/l

RT: 12.261 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

Tgt Ion:105 Resp: 18169

Ion Ratio Lower Upper

105 100

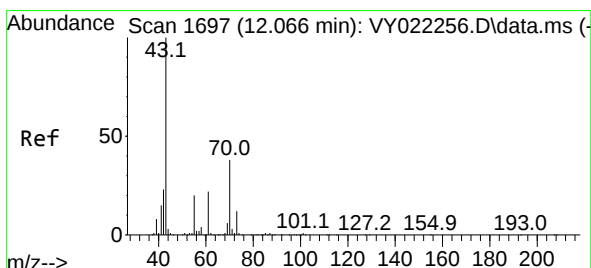
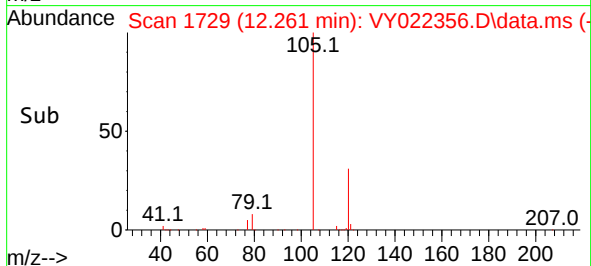
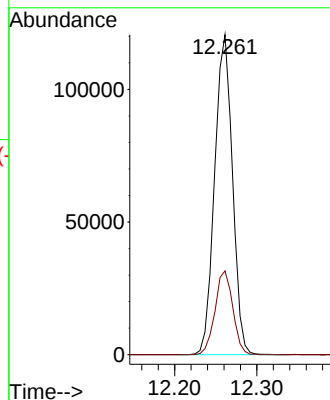
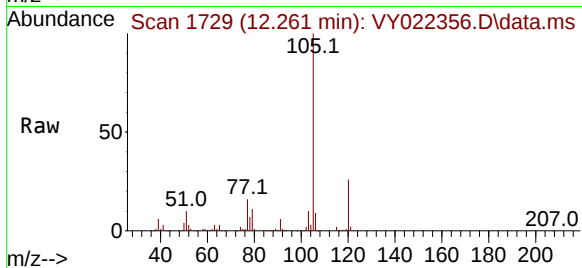
120 26.1 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#74

N-amy1 acetate

Concen: 19.152 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.012 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Tgt Ion: 43 Resp: 50097

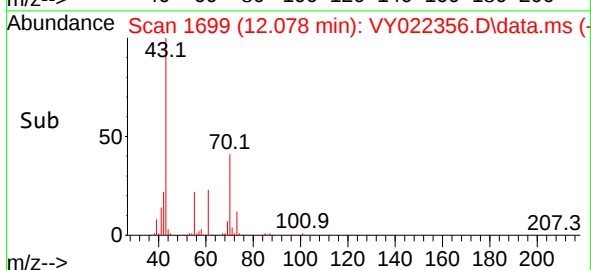
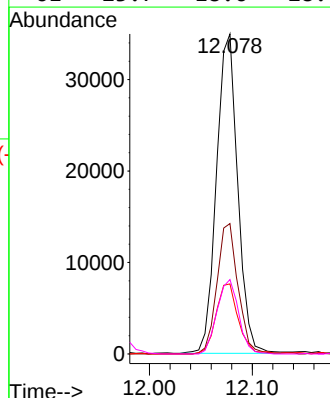
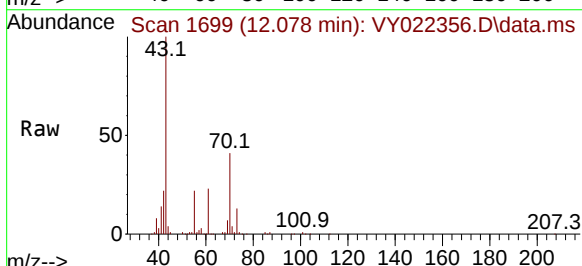
Ion Ratio Lower Upper

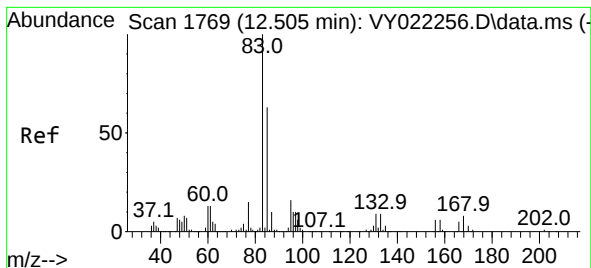
43 100

70 40.4 31.4 47.0

55 23.1 17.0 25.6

61 23.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.891 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

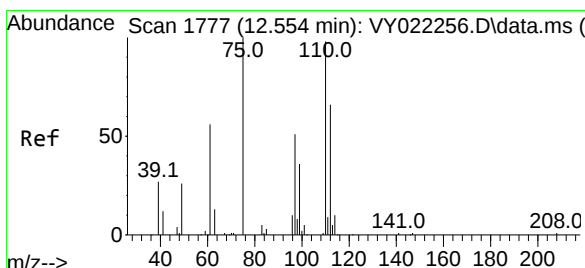
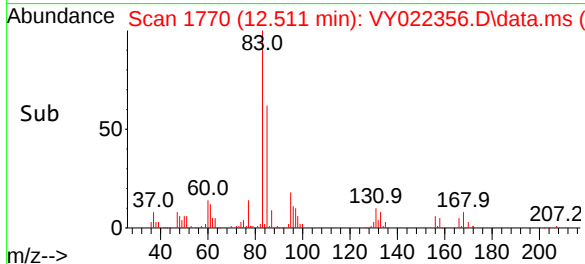
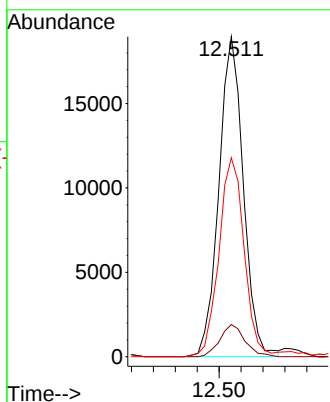
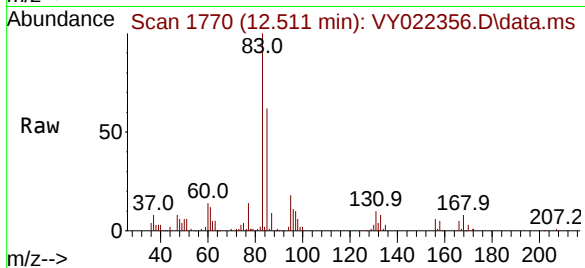
VY0521SBS01

Tgt Ion: 83	Resp: 29384
Ion Ratio	Lower Upper
83 100	
131 10.3	4.9 14.7
85 63.7	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#76

1,2,3-Trichloropropane

Concen: 20.238 ug/l m

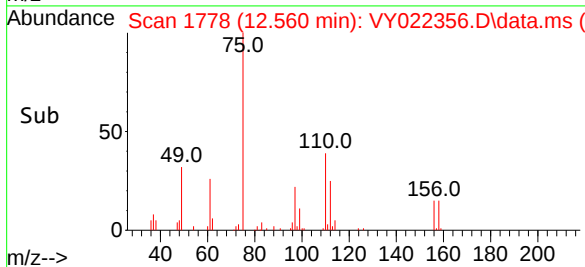
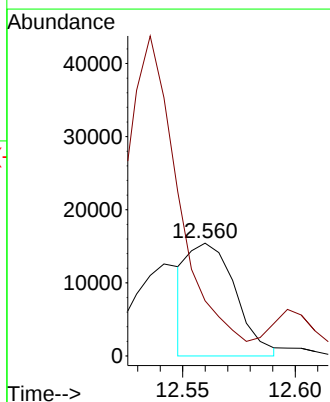
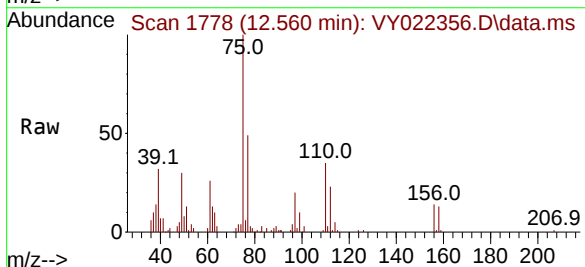
RT: 12.560 min Scan# 1778

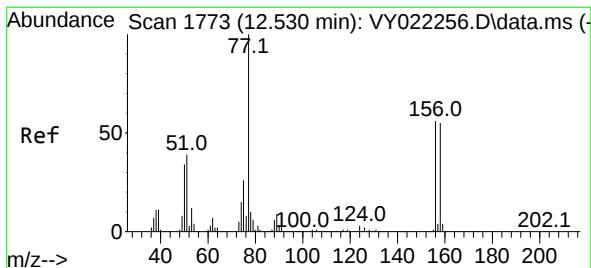
Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Tgt Ion: 75	Resp: 22634
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 20.177 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

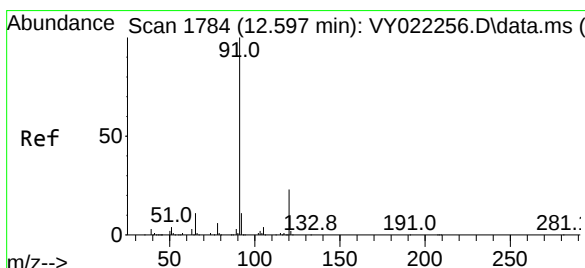
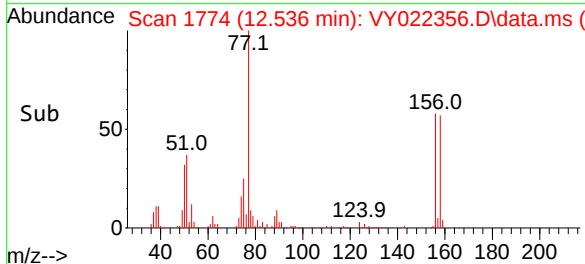
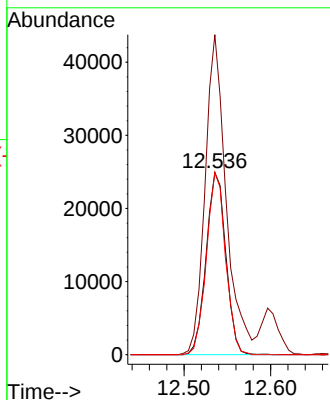
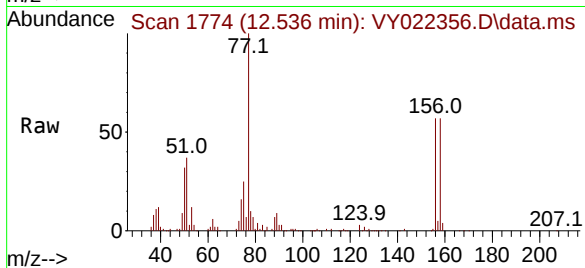
VY0521SBS01

Tgt Ion:	156	Resp:	3941
Ion Ratio	Lower	Upper	
156	100		
77	187.1	94.5	283.6
158	97.1	48.4	145.3

Manual Integrations

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#78

n-propylbenzene

Concen: 19.909 ug/l

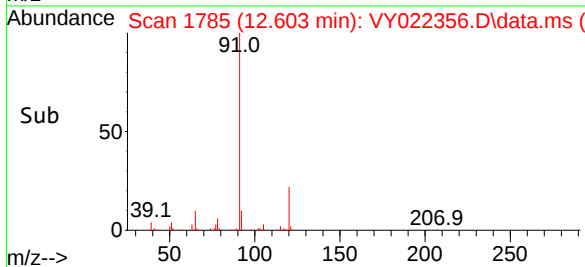
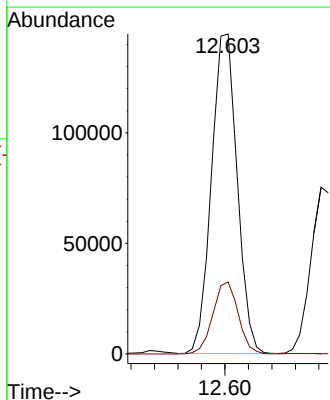
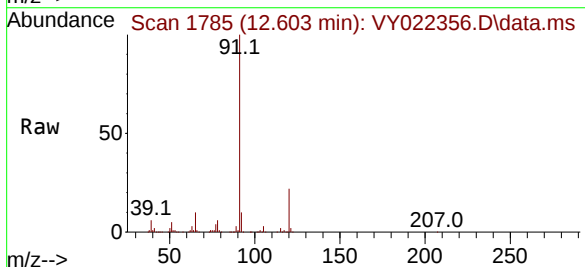
RT: 12.603 min Scan# 1785

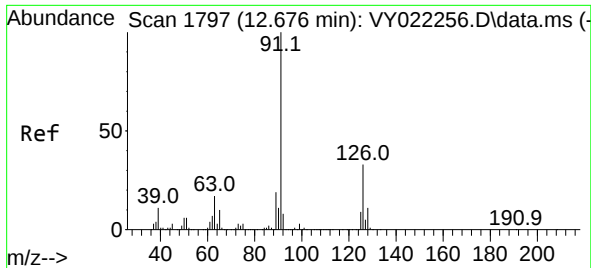
Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Tgt Ion:	91	Resp:	219624
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.1	33.3





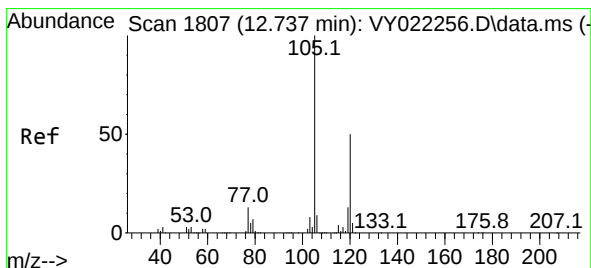
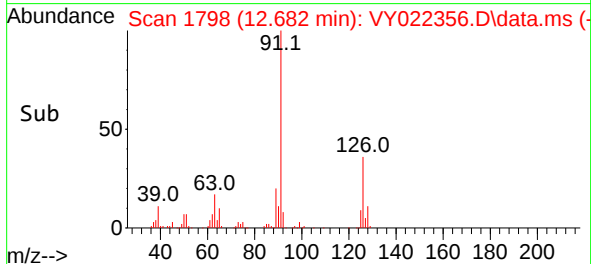
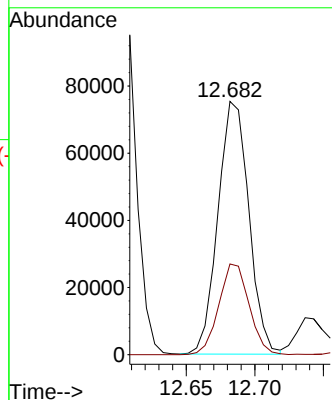
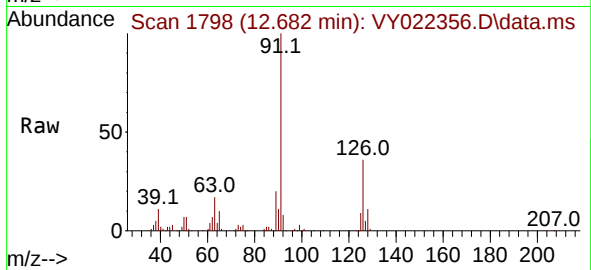
#79
2-Chlorotoluene
Concen: 19.504 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion: 91 Resp: 118240
Ion Ratio Lower Upper
91 100
126 35.2 16.8 50.4

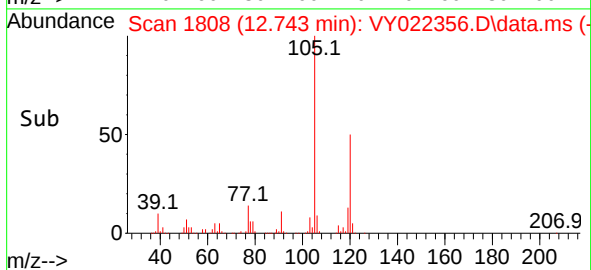
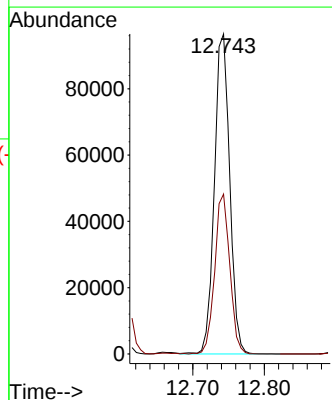
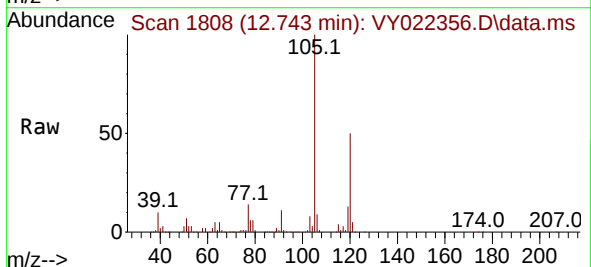
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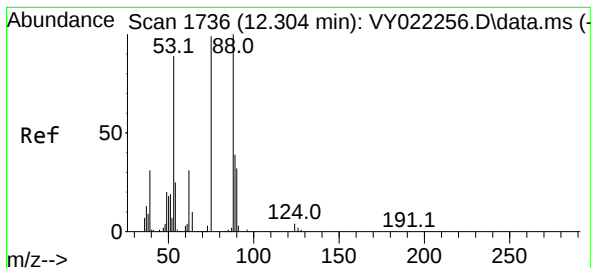
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.405 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

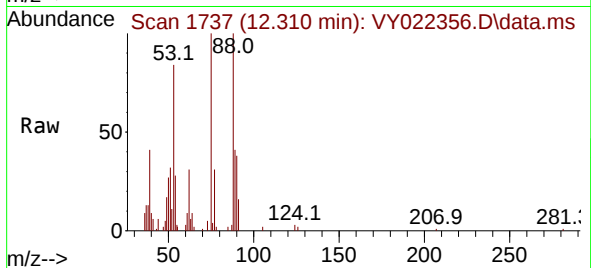
Tgt Ion:105 Resp: 143263
Ion Ratio Lower Upper
105 100
120 49.3 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.078 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

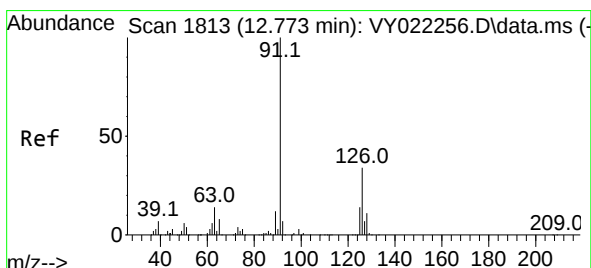
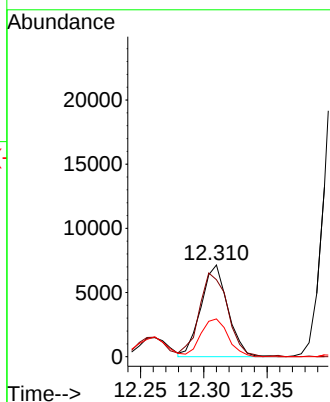
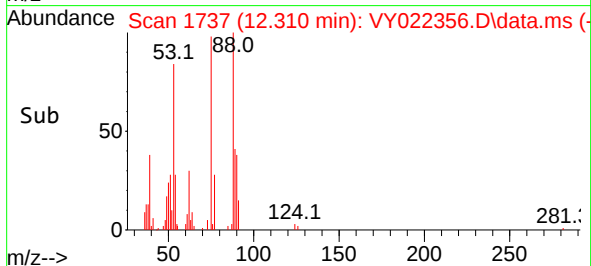
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



Tgt Ion: 75 Resp: 1053
Ion Ratio Lower Upper
75 100
53 95.4 75.8 113.8
89 41.5 36.2 54.2

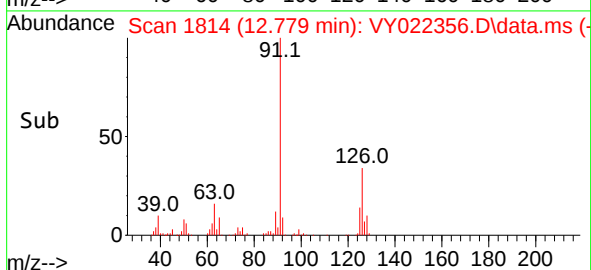
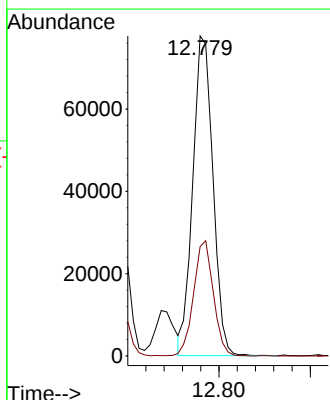
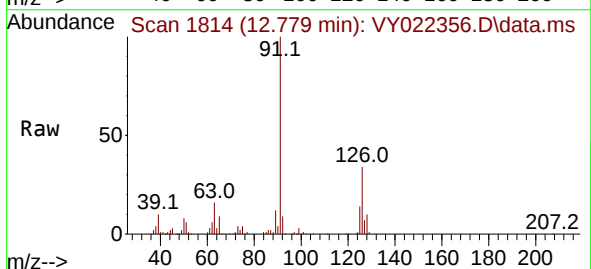
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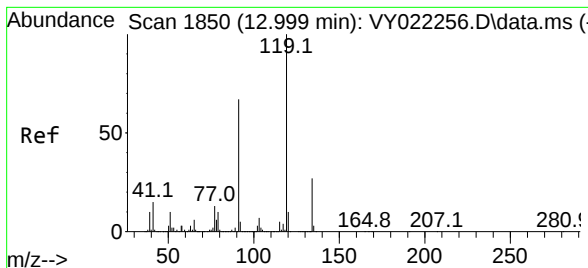
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#82
4-Chlorotoluene
Concen: 19.071 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

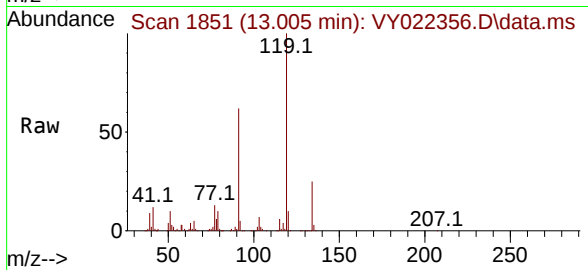
Tgt Ion: 91 Resp: 118914
Ion Ratio Lower Upper
91 100
126 35.5 16.8 50.4





#83
tert-Butylbenzene
Concen: 19.867 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

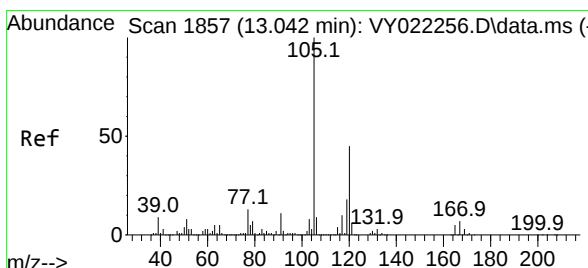
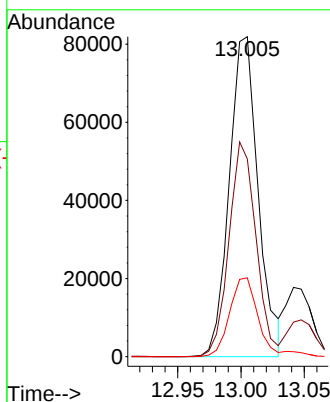
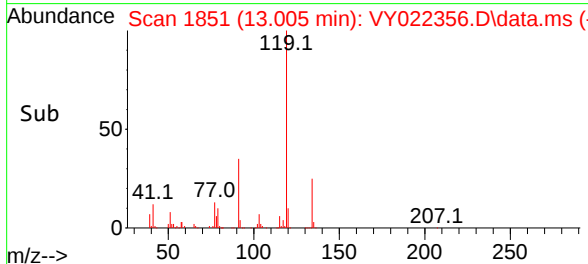
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



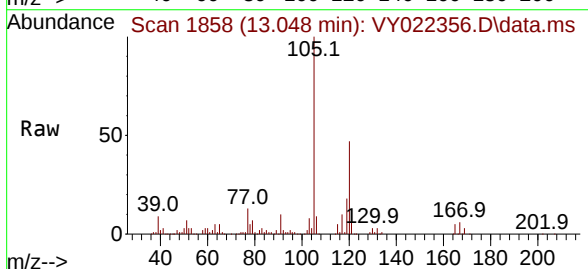
Tgt Ion:119 Resp: 130361
Ion Ratio Lower Upper
119 100
91 62.9 32.8 98.3
134 24.9 12.9 38.6

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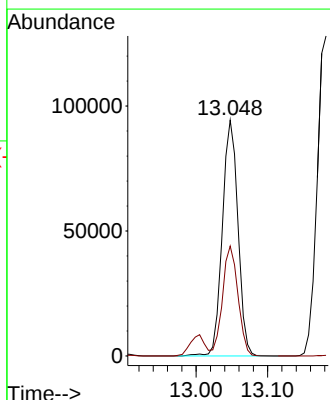
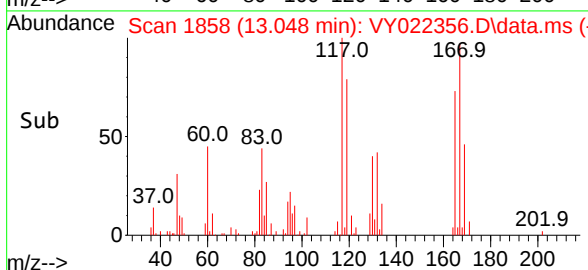
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

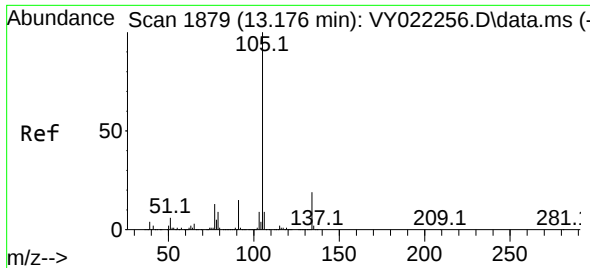


#84
1,2,4-Trimethylbenzene
Concen: 19.507 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35



Tgt Ion:105 Resp: 142961
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9





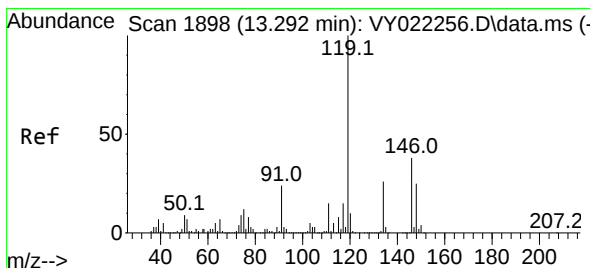
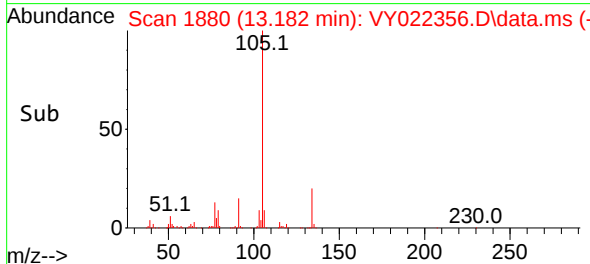
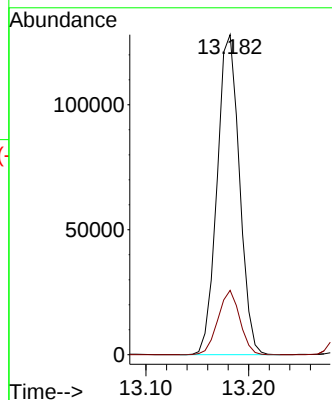
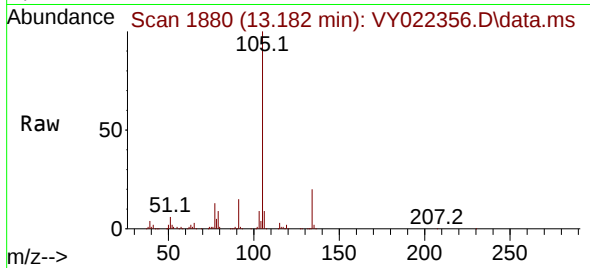
#85
 sec-Butylbenzene
 Concen: 19.787 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

Tgt Ion:105 Resp: 19274
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

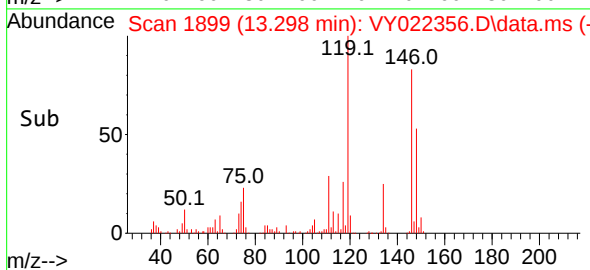
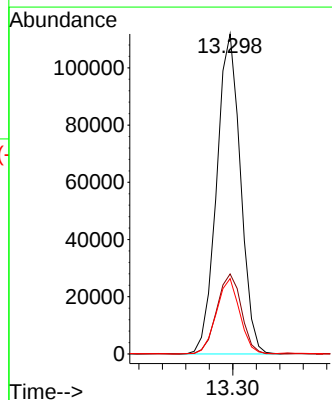
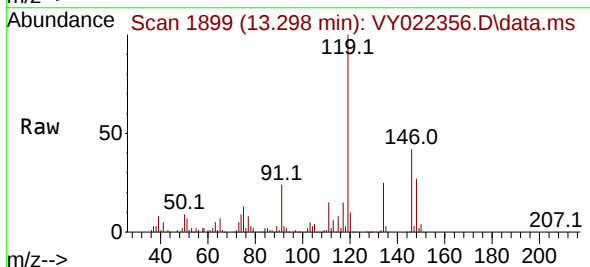
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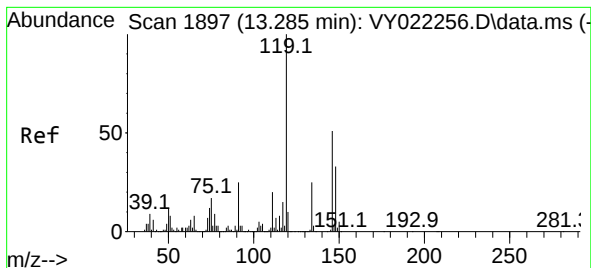
Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025



#86
 p-Isopropyltoluene
 Concen: 19.282 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

Tgt Ion:119 Resp: 157967
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.497 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

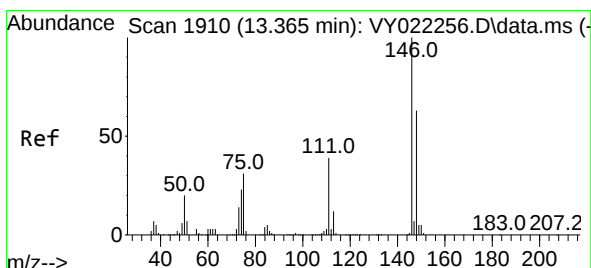
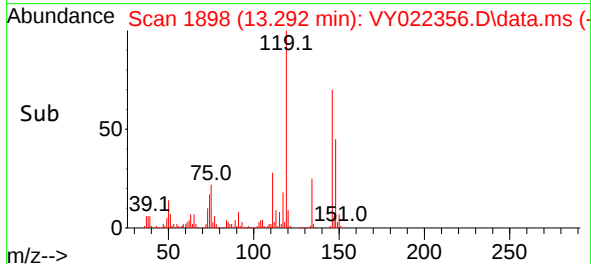
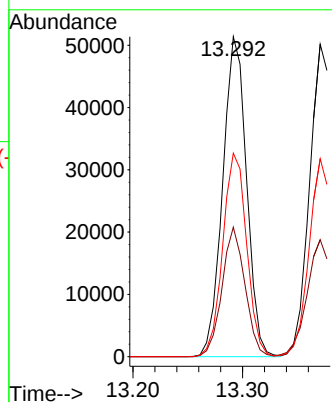
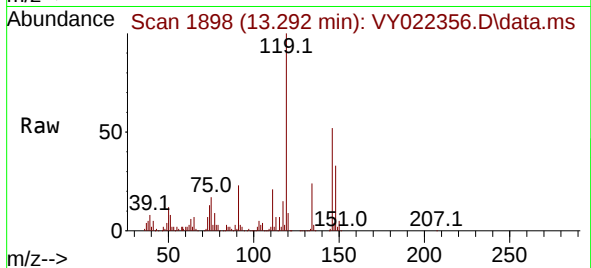
VY0521SBS01

Tgt Ion:	146	Resp:	77740
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.9	59.7
148	63.6	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 20.058 ug/l

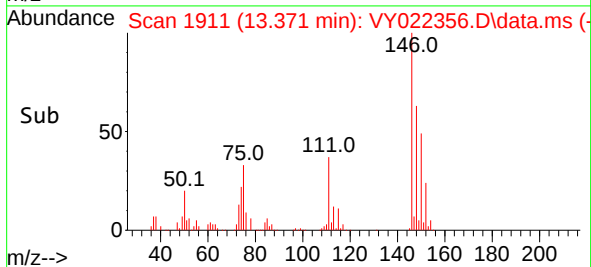
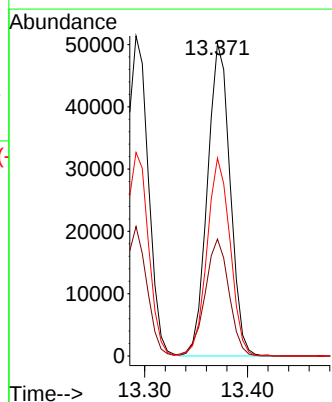
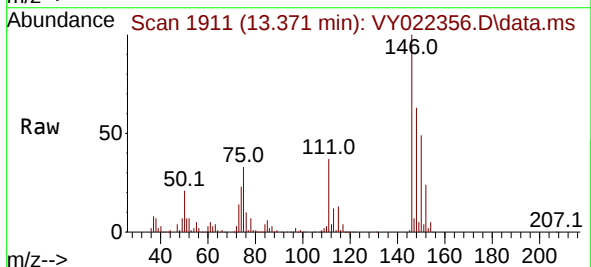
RT: 13.371 min Scan# 1911

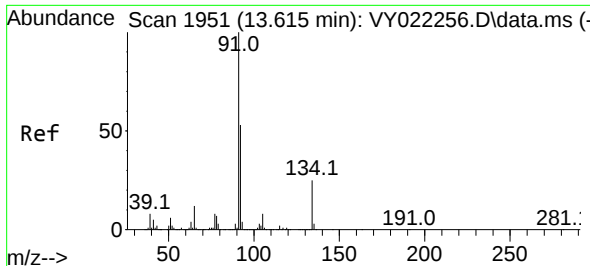
Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

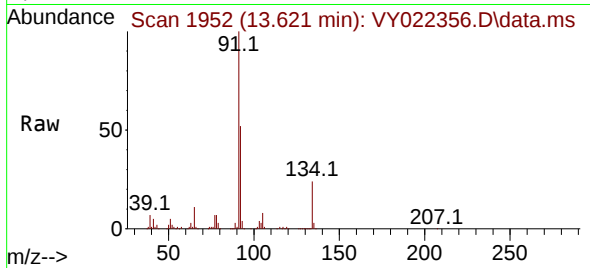
Tgt Ion:	146	Resp:	76937
Ion Ratio	Lower	Upper	
146	100		
111	39.4	20.0	59.9
148	64.5	32.1	96.5





#89
n-Butylbenzene
Concen: 19.655 ug/l
RT: 13.621 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

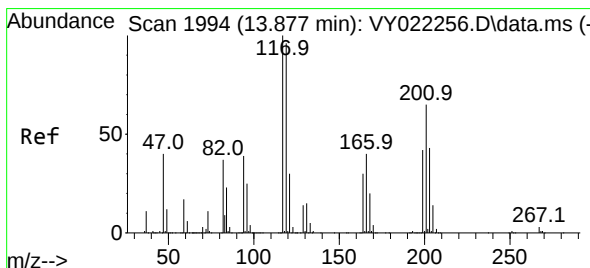
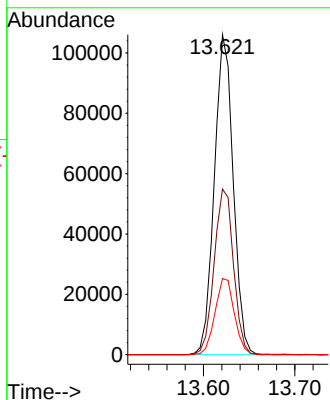
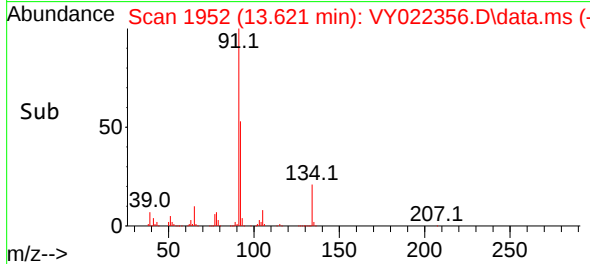
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01



Tgt Ion: 91 Resp: 15233
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 24.4 12.4 37.4

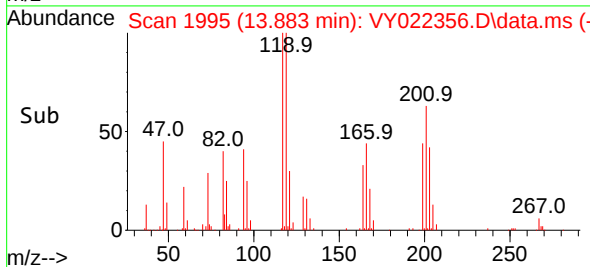
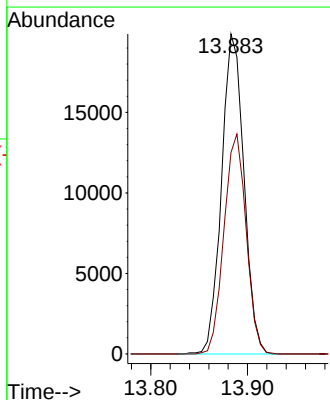
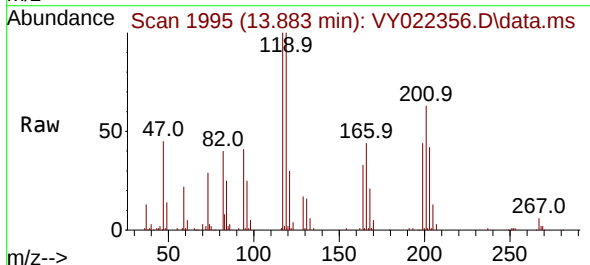
Manual Integrations
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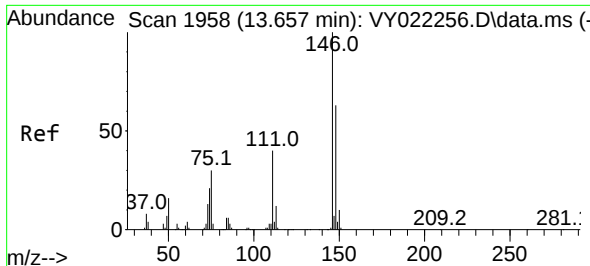
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#90
Hexachloroethane
Concen: 19.268 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion:117 Resp: 31863
Ion Ratio Lower Upper
117 100
201 68.1 35.2 105.6





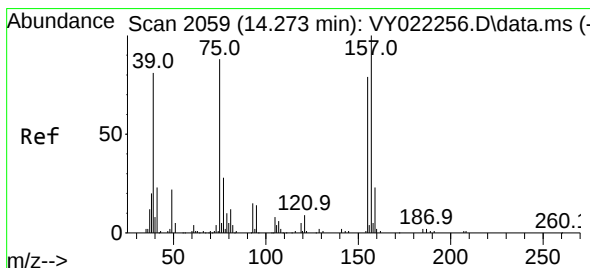
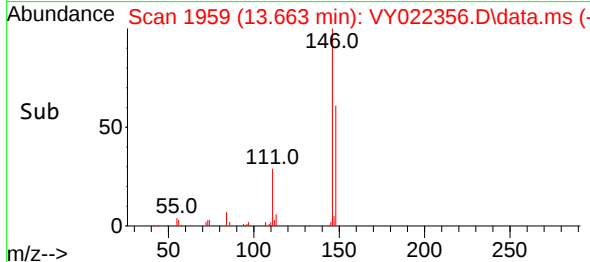
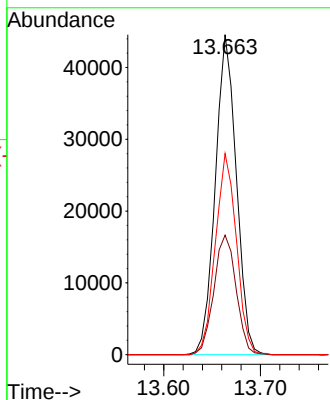
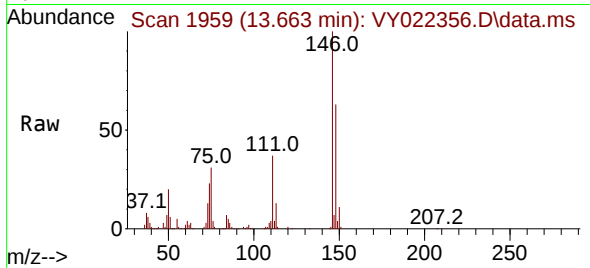
#91
1,2-Dichlorobenzene
Concen: 20.111 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion:146 Resp: 67362
Ion Ratio Lower Upper
146 100
111 39.4 20.5 61.5
148 62.9 32.0 96.0

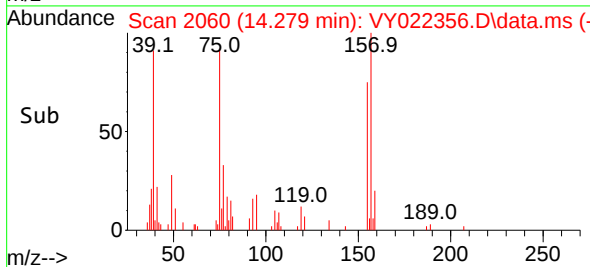
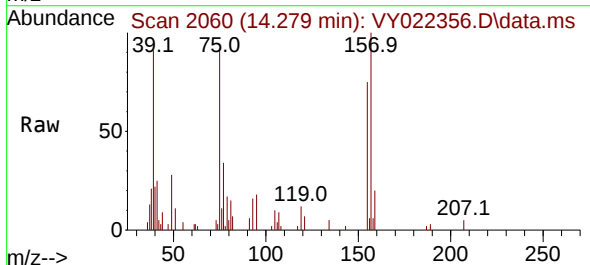
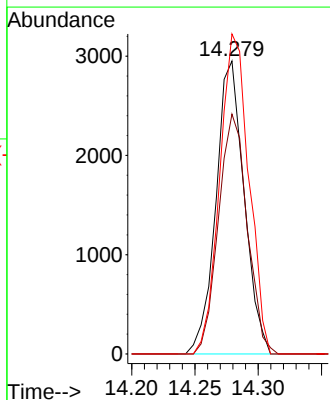
Manual Integrations
APPROVED

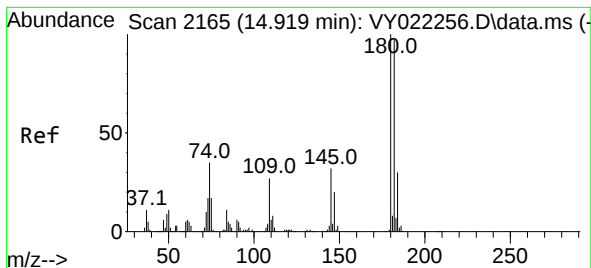
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.154 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 75 Resp: 4571
Ion Ratio Lower Upper
75 100
155 83.5 43.4 130.1
157 112.9 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 20.127 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

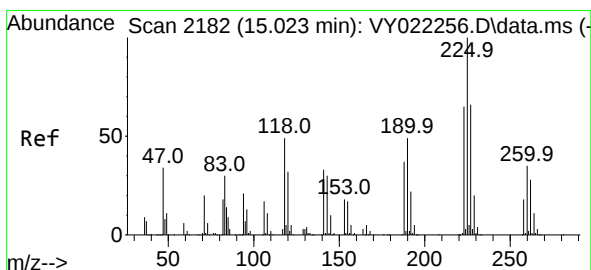
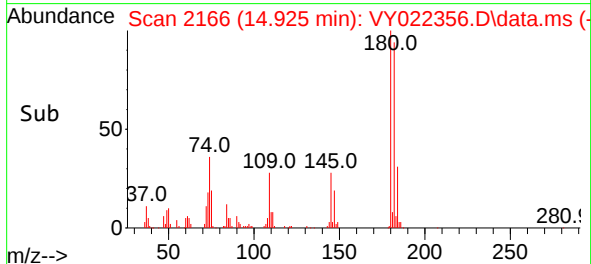
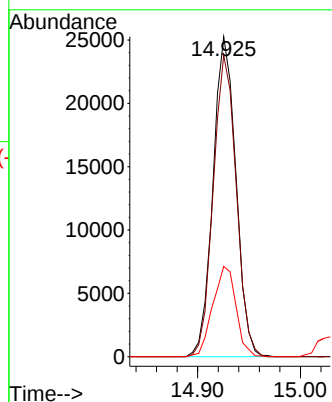
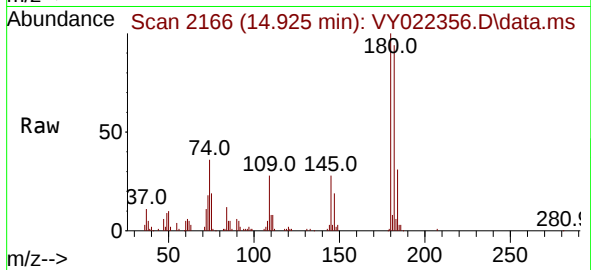
VY0521SBS01

Tgt Ion:180	Resp:	3894
Ion Ratio	Lower	Upper
180	100	
182	94.6	48.0 144.0
145	28.6	15.0 45.1

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#94

Hexachlorobutadiene

Concen: 18.805 ug/l

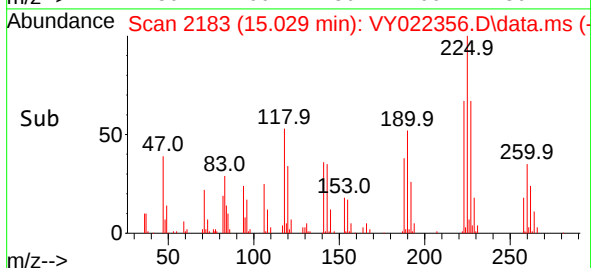
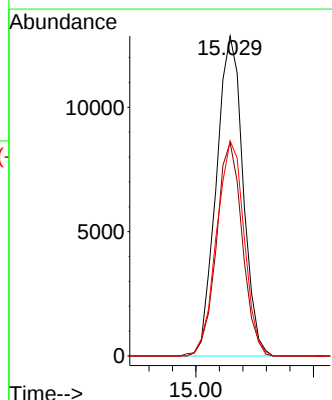
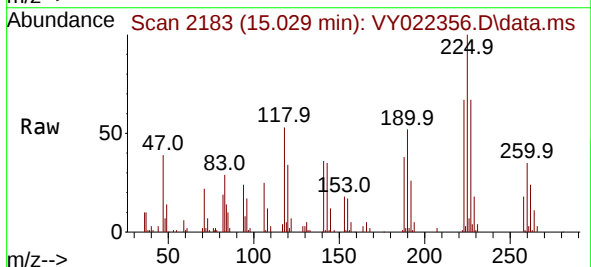
RT: 15.029 min Scan# 2183

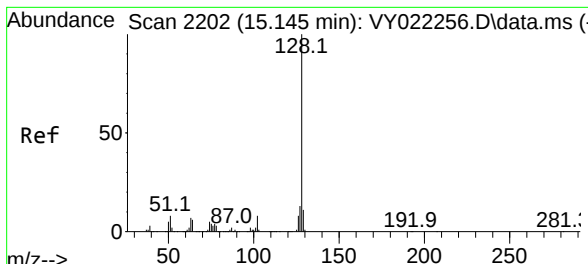
Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Tgt Ion:225	Resp:	20290
Ion Ratio	Lower	Upper
225	100	
223	64.9	31.5 94.5
227	69.3	32.1 96.3





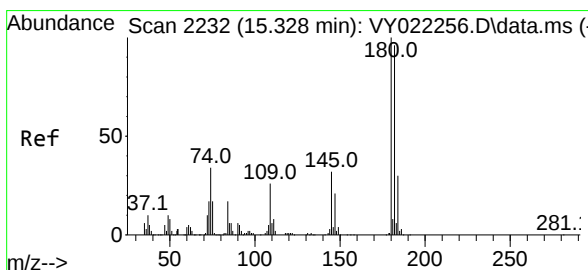
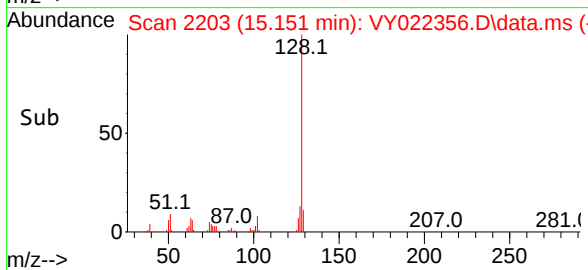
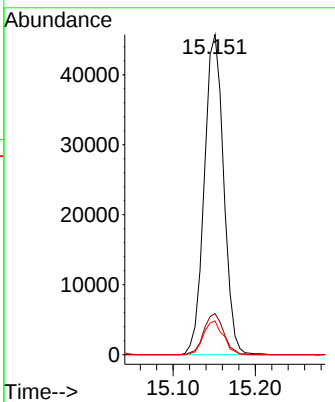
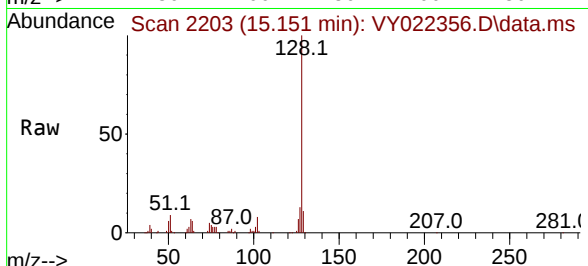
#95
 Naphthalene
 Concen: 20.374 ug/l
 RT: 15.151 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

Instrument : MSVOA_Y
 ClientSampleId : VY0521SBS01

Tgt Ion:	128	Resp:	74800
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.2
129	10.8	8.8	13.2

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 Supervised By :Semsettin Yesilyurt 05/22/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 19.644 ug/l
 RT: 15.334 min Scan# 2233
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

Tgt Ion:	180	Resp:	32242
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.1	141.3
145	32.7	15.9	47.6

