

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022352.D
 Acq On : 20 May 2025 19:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
 Supervised By :Semsettin Yesilyurt 05/21/2025

Quant Time: May 21 01:57:21 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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	156300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	269294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	232477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	108209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	86994	50.927	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.860%			
35) Dibromofluoromethane	7.634	113	84001	52.262	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.520%			
50) Toluene-d8	10.103	98	335207	50.921	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.840%			
62) 4-Bromofluorobenzene	12.407	95	100185	48.015	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	70866	43.451	ug/l	98
3) Chloromethane	2.061	50	207434	60.463	ug/l	99
4) Vinyl Chloride	2.202	62	250474	65.347	ug/l	98
5) Bromomethane	2.592	94	228070	73.093	ug/l	94
6) Chloroethane	2.732	64	180960	75.888	ug/l	99
7) Trichlorofluoromethane	3.043	101	231291	59.600	ug/l	97
8) Diethyl Ether	3.451	74	46775	50.224	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.811	101	82524	48.983	ug/l	99
10) Methyl Iodide	4.000	142	103890	53.279	ug/l	99
11) Tert butyl alcohol	4.872	59	28583	219.118	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	82027	49.063	ug/l	95
13) Acrolein	3.653	56	22185	116.335	ug/l	95
14) Allyl chloride	4.378	41	129880	44.305	ug/l	94
15) Acrylonitrile	5.061	53	90850	236.743	ug/l	99
16) Acetone	3.878	43	64884	202.572	ug/l	89
17) Carbon Disulfide	4.104	76	259726	47.640	ug/l	100
18) Methyl Acetate	4.390	43	65971	65.325	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	229757	49.840	ug/l	96
20) Methylene Chloride	4.616	84	94985	45.894	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	91532	49.600	ug/l	97
22) Diisopropyl ether	6.018	45	288182	46.551	ug/l	97
23) Vinyl Acetate	5.963	43	761213	203.532	ug/l	97
24) 1,1-Dichloroethane	5.914	63	170278	49.233	ug/l	99
25) 2-Butanone	6.896	43	114073	212.914	ug/l	98
26) 2,2-Dichloropropane	6.884	77	139782	45.440	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	108929	51.151	ug/l	96
28) Bromochloromethane	7.243	49	76556	51.893	ug/l	97
29) Tetrahydrofuran	7.262	42	77770	225.623	ug/l	94
30) Chloroform	7.420	83	173358	52.256	ug/l	98
31) Cyclohexane	7.701	56	150143	43.449	ug/l	95
32) 1,1,1-Trichloroethane	7.615	97	149966	49.273	ug/l	98
36) 1,1-Dichloropropene	7.835	75	123302	46.575	ug/l	99
37) Ethyl Acetate	6.981	43	53536	42.028	ug/l	98
38) Carbon Tetrachloride	7.817	117	129179	47.139	ug/l	100
39) Methylcyclohexane	9.109	83	159735	44.910	ug/l	97
40) Benzene	8.079	78	386891	49.296	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	36184m	42.823	ug/l	
42) 1,2-Dichloroethane	8.158	62	99687	46.969	ug/l	100
43) Isopropyl Acetate	8.195	43	118614	42.697	ug/l	98
44) Trichloroethene	8.865	130	94587	48.470	ug/l	96
45) 1,2-Dichloropropane	9.139	63	90754	47.963	ug/l	99
46) Dibromomethane	9.231	93	49399	48.404	ug/l	98
47) Bromodichloromethane	9.420	83	131801	49.782	ug/l	99
48) Methyl methacrylate	9.219	41	53709	41.341	ug/l	86
49) 1,4-Dioxane	9.237	88	10527	913.074	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	301505	221.192	ug/l	97
52) Toluene	10.170	92	241443	48.582	ug/l	100
53) t-1,3-Dichloropropene	10.389	75	118392	45.821	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	140146	47.342	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	64540	49.386	ug/l	98
56) Ethyl methacrylate	10.438	69	92135	45.260	ug/l	96
57) 1,3-Dichloropropane	10.718	76	114395	49.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.706	63	241387	264.184	ug/l	98
59) 2-Hexanone	10.761	43	193624	211.859	ug/l	96
60) Dibromochloromethane	10.907	129	83771	49.387	ug/l	100
61) 1,2-Dibromoethane	11.011	107	60555	49.716	ug/l	100
64) Tetrachloroethene	10.645	164	101616	47.289	ug/l	98
65) Chlorobenzene	11.438	112	254846	48.589	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	86817	48.149	ug/l	98
67) Ethyl Benzene	11.517	91	470894	47.939	ug/l	97
68) m/p-Xylenes	11.627	106	354113	95.672	ug/l	96
69) o-Xylene	11.956	106	166817	47.636	ug/l	98
70) Styrene	11.968	104	284787	48.210	ug/l	98
71) Bromoform	12.133	173	44511	45.735	ug/l #	99
73) Isopropylbenzene	12.255	105	430749	48.050	ug/l	100
74) N-amyl acetate	12.066	43	106648	41.596	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	67549	48.996	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	51003m	46.524	ug/l	
77) Bromobenzene	12.529	156	92297	48.205	ug/l	98
78) n-propylbenzene	12.596	91	518171	47.921	ug/l	100
79) 2-Chlorotoluene	12.675	91	281249	47.331	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	343350	47.447	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	23115	42.713	ug/l	96
82) 4-Chlorotoluene	12.779	91	286286	46.840	ug/l	98
83) tert-Butylbenzene	12.999	119	307437	47.799	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	344069	47.897	ug/l	98
85) sec-Butylbenzene	13.175	105	455719	47.730	ug/l	99
86) p-Isopropyltoluene	13.291	119	378687	47.159	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	184189	47.124	ug/l	100
88) 1,4-Dichlorobenzene	13.364	146	178207	47.399	ug/l	98
89) n-Butylbenzene	13.614	91	352409	46.389	ug/l	98
90) Hexachloroethane	13.876	117	75941	46.849	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	158085	48.150	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10053	45.219	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	85505	45.087	ug/l	97
94) Hexachlorobutadiene	15.023	225	43873	41.483	ug/l	99
95) Naphthalene	15.145	128	165364	45.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.327	180	71044	44.159	ug/l	98

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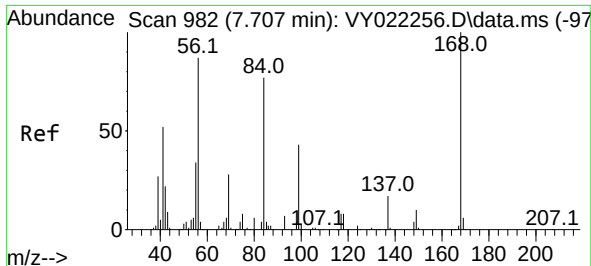
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 05/21/2025

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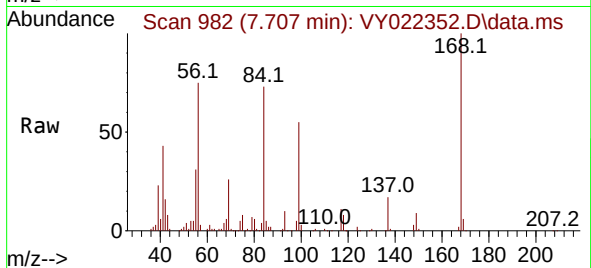
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
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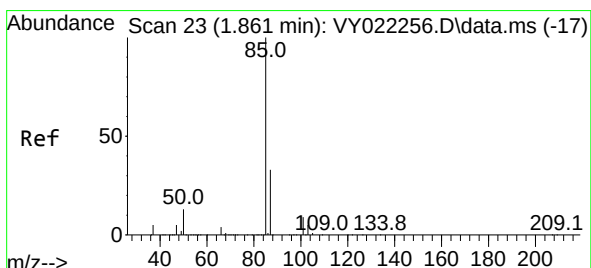
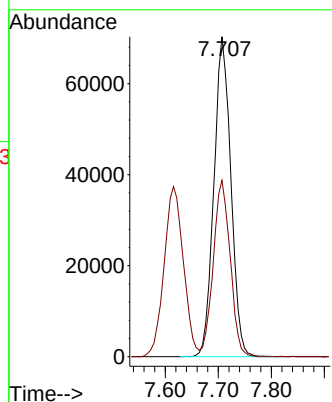
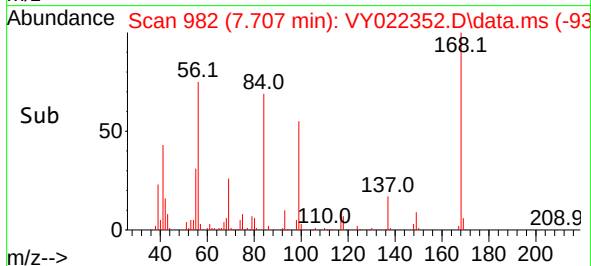
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 156300
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4

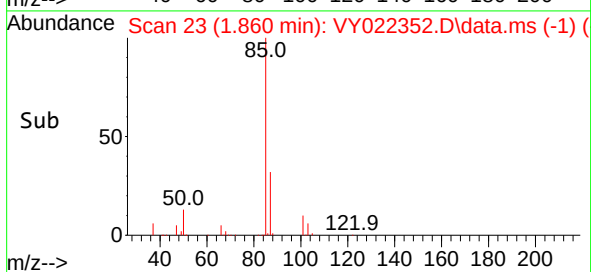
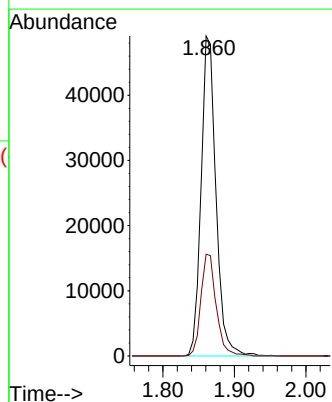
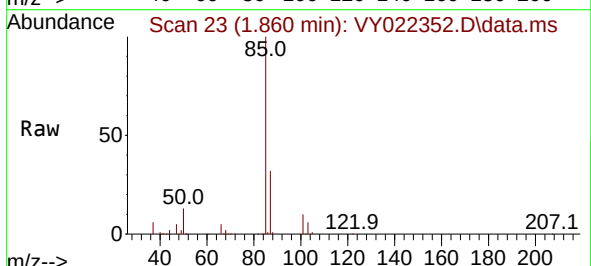
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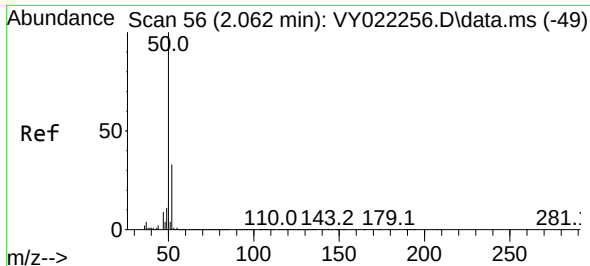
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#2
Dichlorodifluoromethane
Concen: 43.451 ug/l
RT: 1.860 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

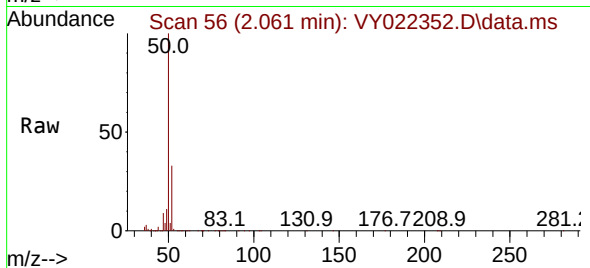
Tgt Ion: 85 Resp: 70866
Ion Ratio Lower Upper
85 100
87 31.8 16.5 49.5





#3
Chloromethane
Concen: 60.463 ug/l
RT: 2.061 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

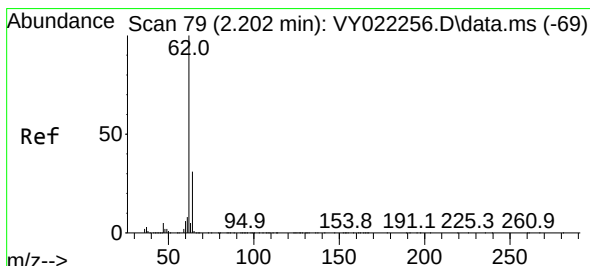
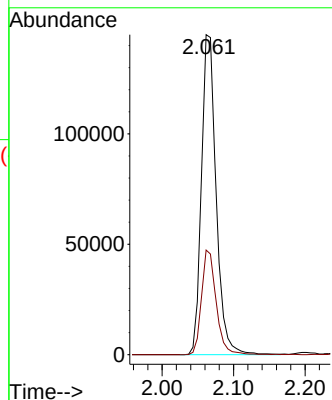
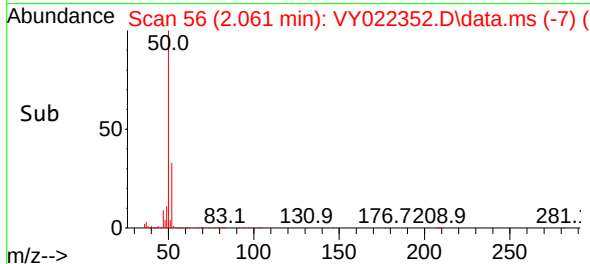
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Tgt Ion: 50 Resp: 207434
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

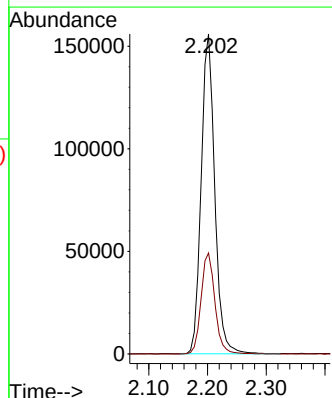
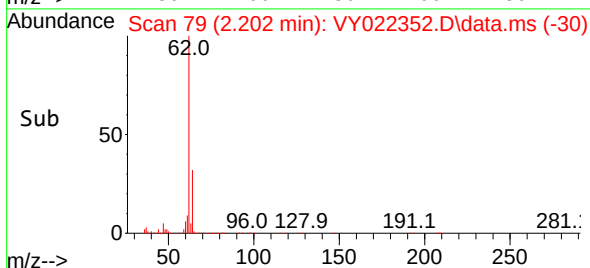
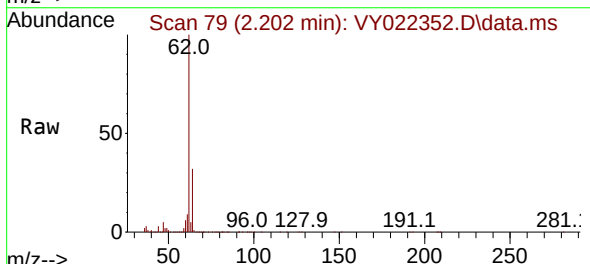
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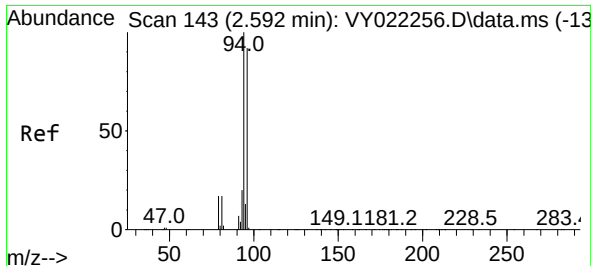
Reviewed By :Mahesh Dadoda 05/21/2025
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#4
Vinyl Chloride
Concen: 65.347 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

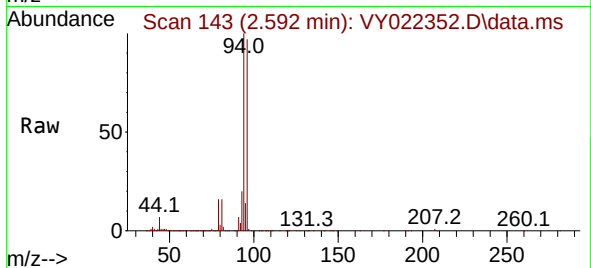
Tgt Ion: 62 Resp: 250474
Ion Ratio Lower Upper
62 100
64 31.6 24.5 36.7





#5
Bromomethane
Concen: 73.093 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

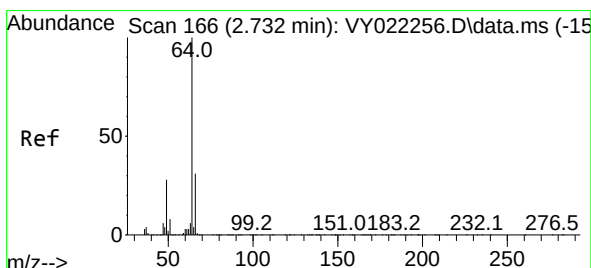
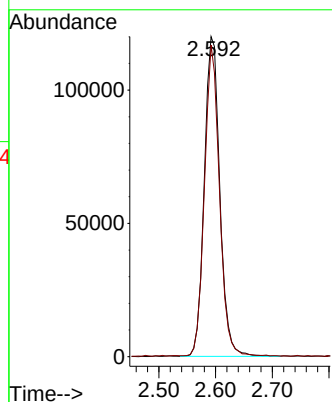
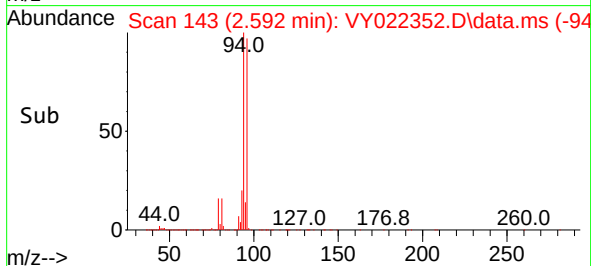
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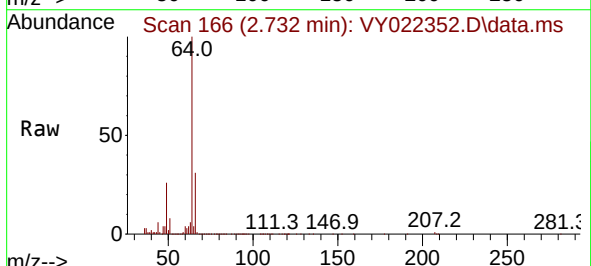
Tgt Ion: 94 Resp: 228070
Ion Ratio Lower Upper
94 100
96 97.3 73.4 110.0

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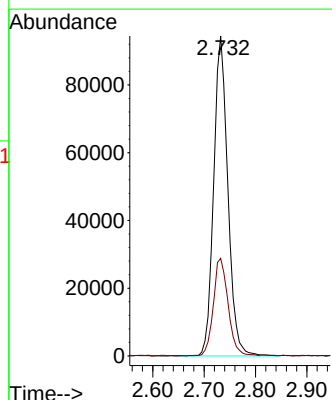
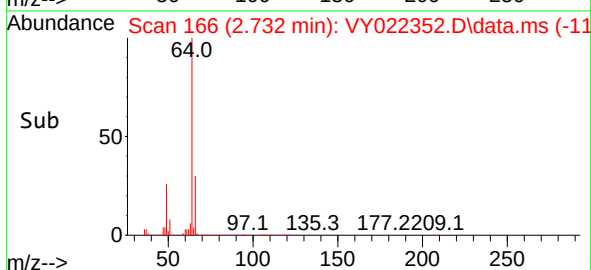
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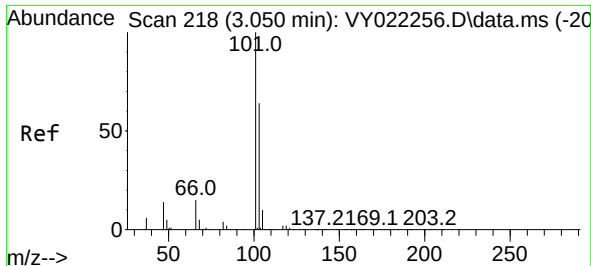


#6
Chloroethane
Concen: 75.888 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022352.D
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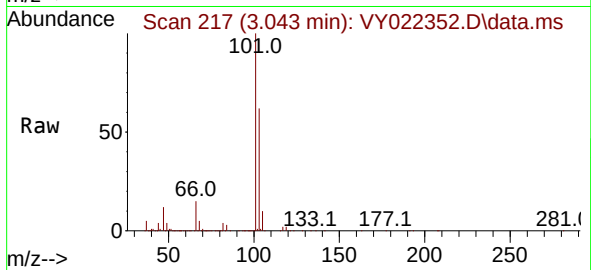
Tgt Ion: 64 Resp: 180960
Ion Ratio Lower Upper
64 100
66 30.4 24.8 37.2





#7
Trichlorofluoromethane
Concen: 59.600 ug/l
RT: 3.043 min Scan# 218
Delta R.T. -0.007 min
Lab File: VY022352.D
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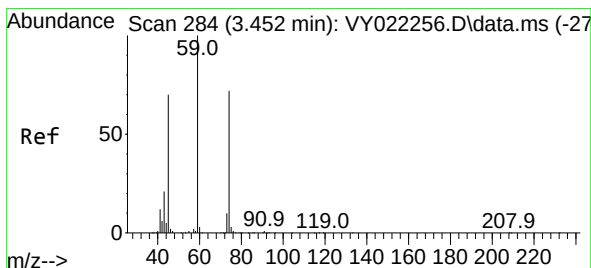
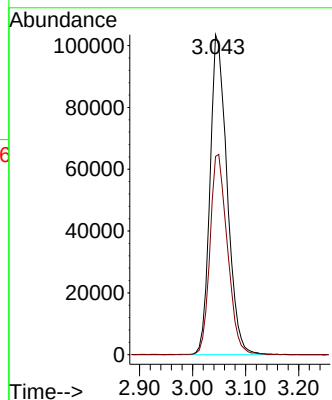
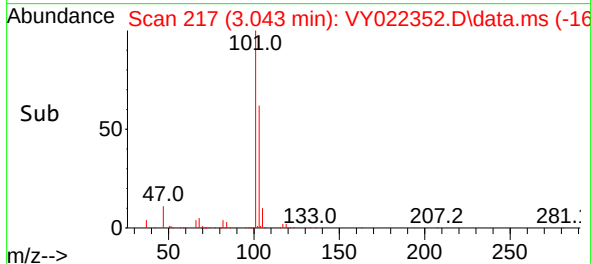
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Tgt Ion:101 Resp: 23129
Ion Ratio Lower Upper
101 100
103 61.9 51.7 77.5

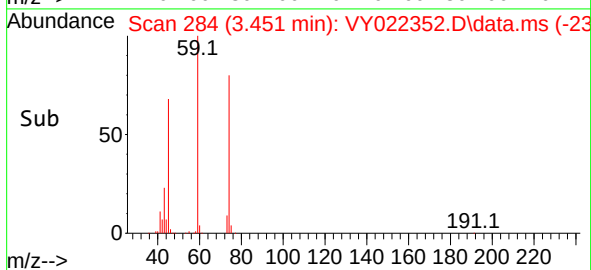
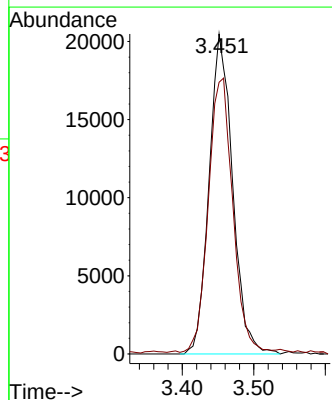
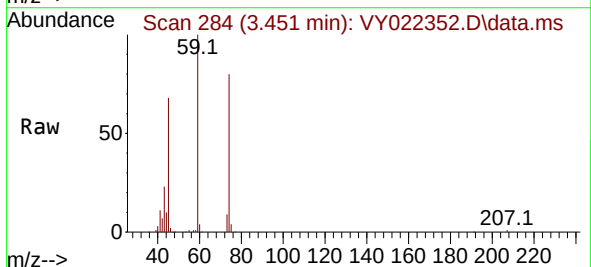
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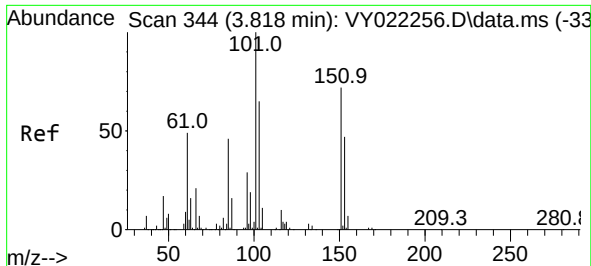
Reviewed By :Mahesh Dadoda 05/21/2025
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#8
Diethyl Ether
Concen: 50.224 ug/l
RT: 3.451 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

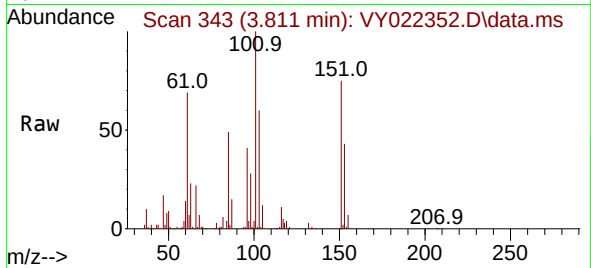
Tgt Ion: 74 Resp: 46775
Ion Ratio Lower Upper
74 100
45 89.1 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.983 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
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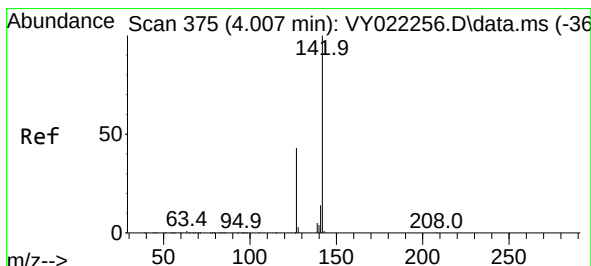
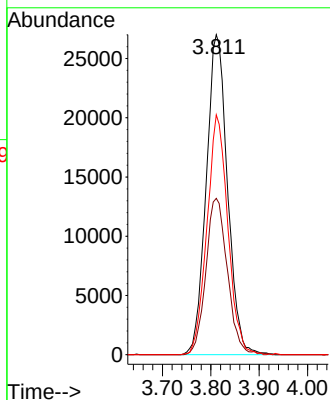
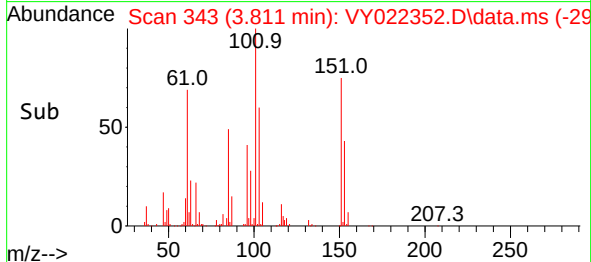
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



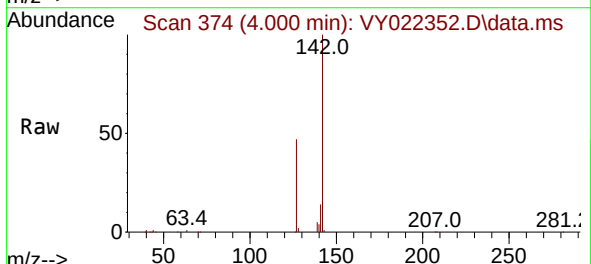
Tgt Ion:101 Resp: 82524
Ion Ratio Lower Upper
101 100
85 49.5 38.6 58.0
151 73.5 59.7 89.5

Manual Integrations
APPROVED

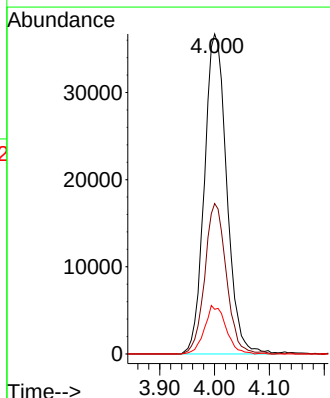
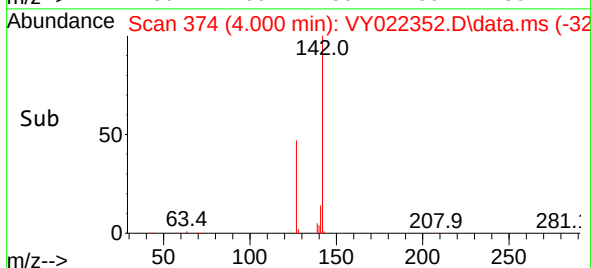
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

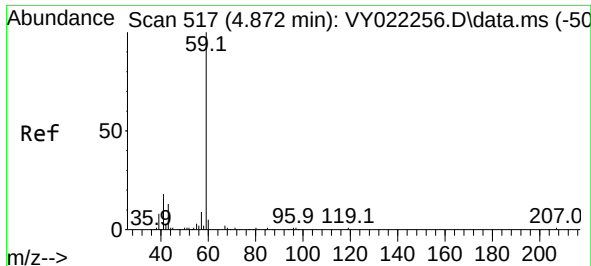


#10
Methyl Iodide
Concen: 53.279 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



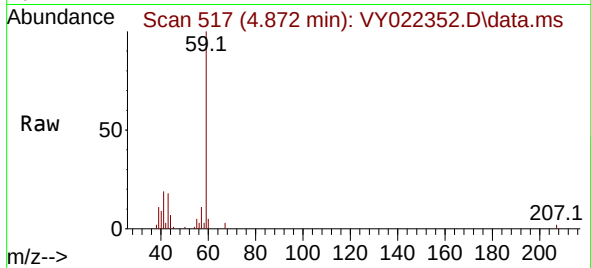
Tgt Ion:142 Resp: 103890
Ion Ratio Lower Upper
142 100
127 45.1 35.7 53.5
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 219.118 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

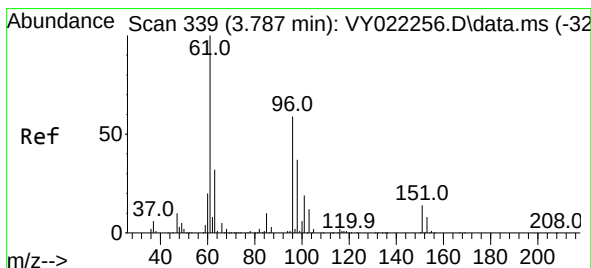
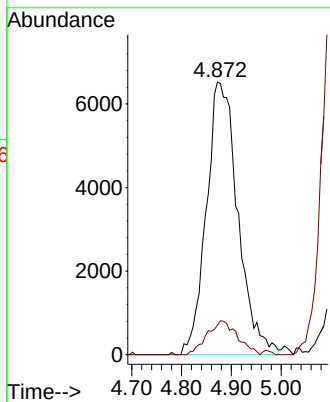
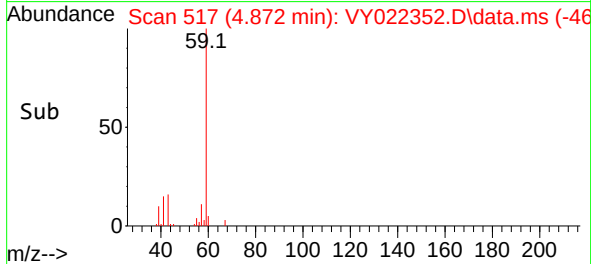
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



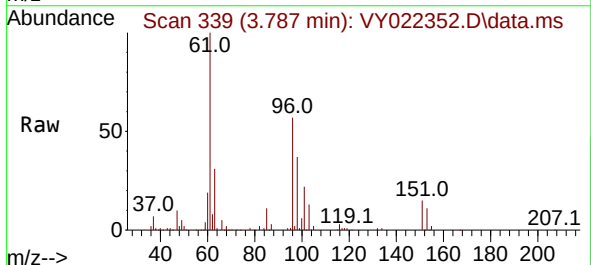
Tgt Ion: 59 Resp: 2858
Ion Ratio Lower Upper
59 100
57 12.0 0.0 0.0

Manual Integrations
APPROVED

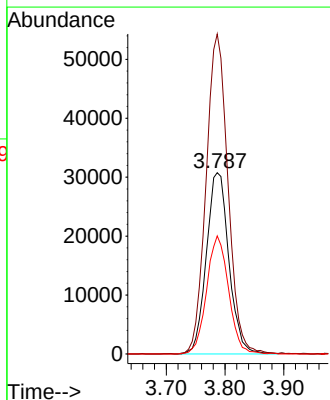
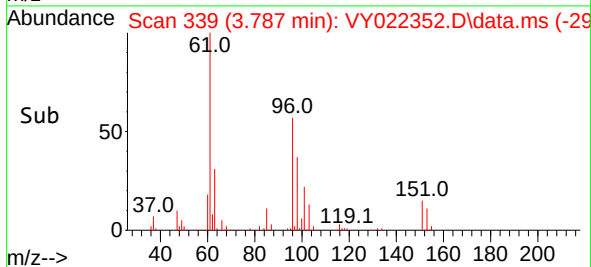
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

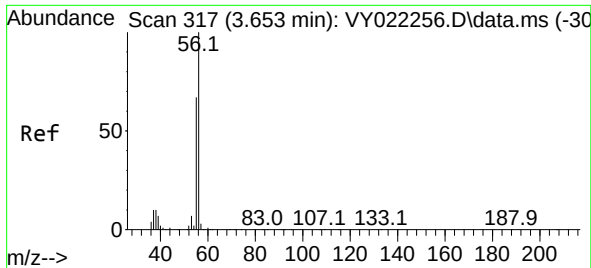


#12
1,1-Dichloroethene
Concen: 49.063 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



Tgt Ion: 96 Resp: 82027
Ion Ratio Lower Upper
96 100
61 176.5 134.9 202.3
98 65.1 49.9 74.9





#13

Acrolein

Concen: 116.335 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 2218

Ion Ratio Lower Upper

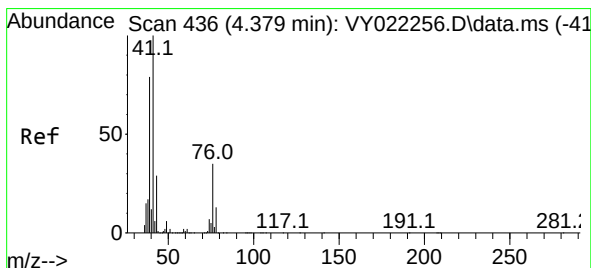
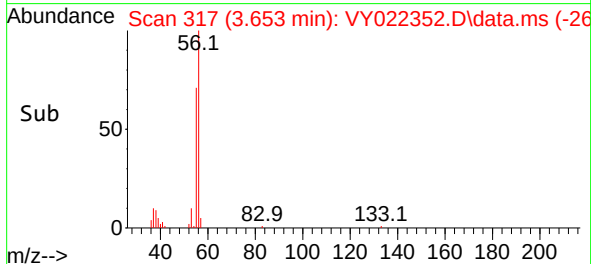
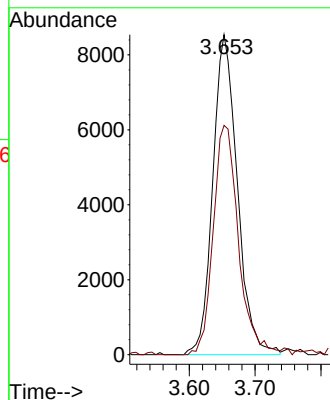
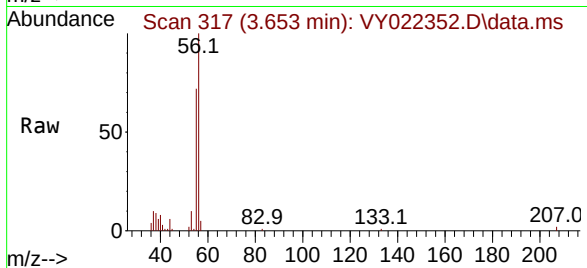
56 100

55 73.5 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#14

Allyl chloride

Concen: 44.305 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

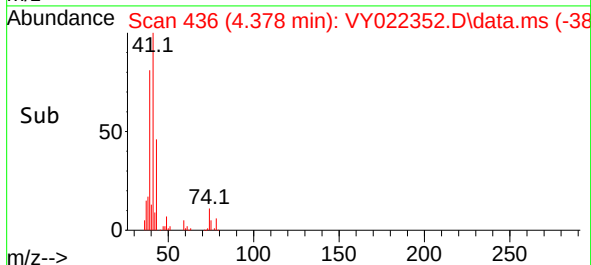
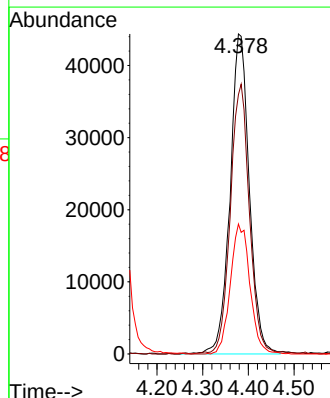
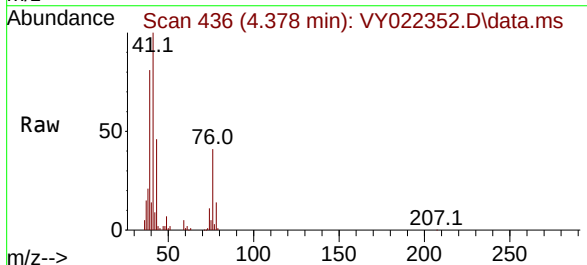
Tgt Ion: 41 Resp: 129880

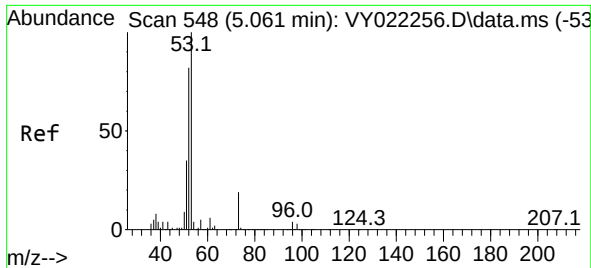
Ion Ratio Lower Upper

41 100

39 83.9 63.4 95.0

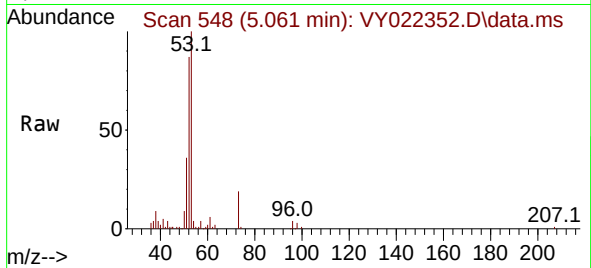
76 41.3 29.5 44.3





#15
Acrylonitrile
Concen: 236.743 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

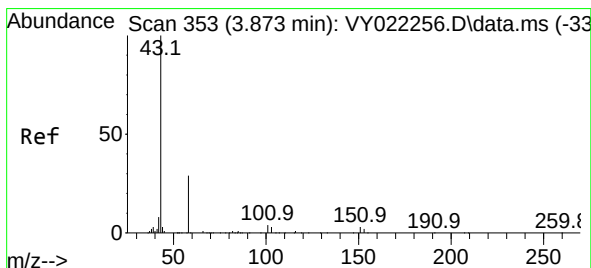
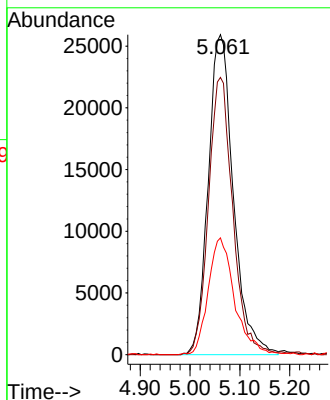
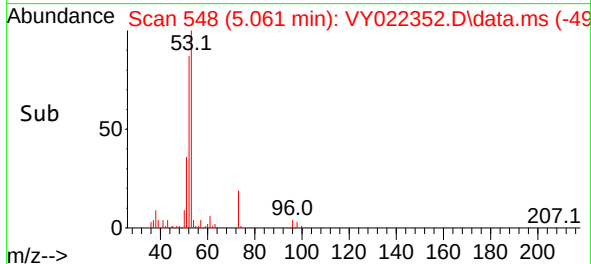
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



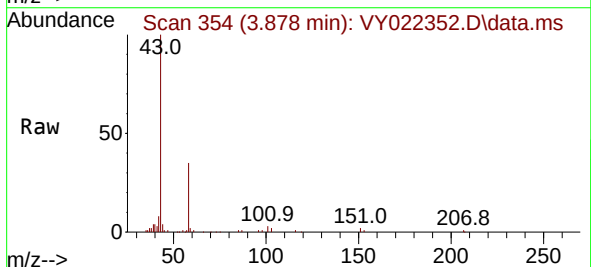
Tgt Ion: 53 Resp: 90850
Ion Ratio Lower Upper
53 100
52 84.0 66.1 99.1
51 38.3 30.0 45.0

Manual Integrations
APPROVED

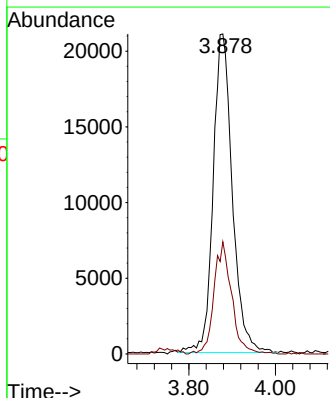
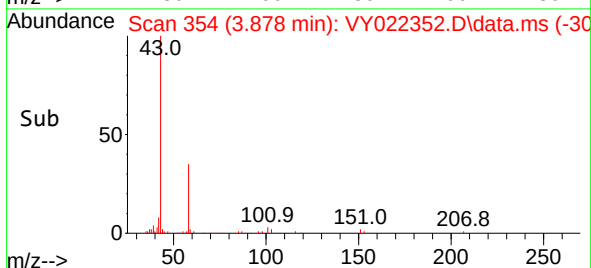
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

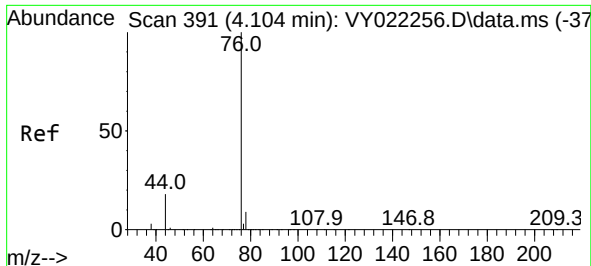


#16
Acetone
Concen: 202.572 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



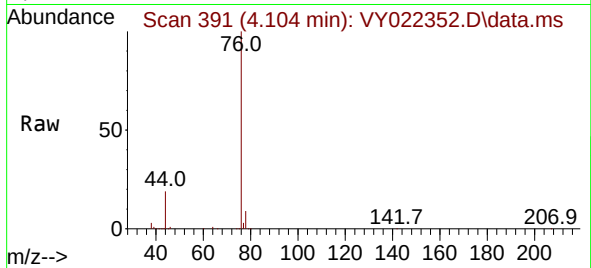
Tgt Ion: 43 Resp: 64884
Ion Ratio Lower Upper
43 100
58 35.2 23.6 35.4





#17
Carbon Disulfide
Concen: 47.640 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

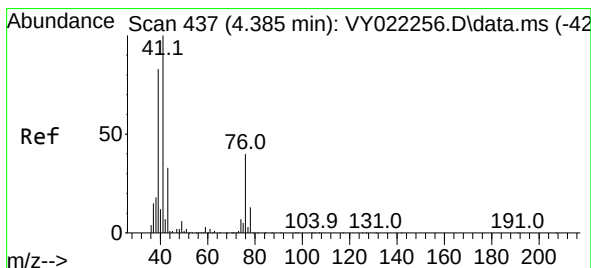
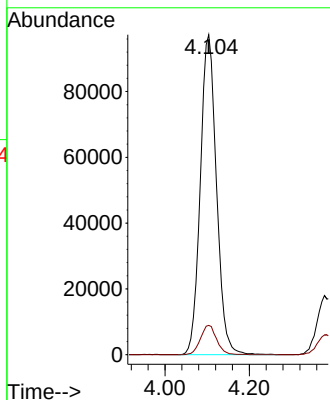
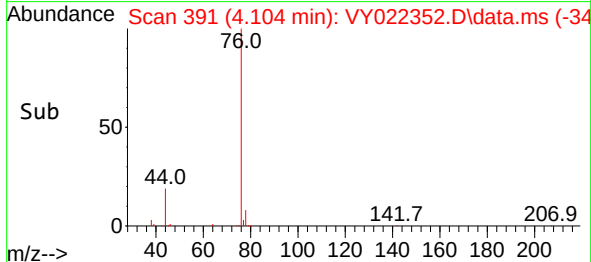
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



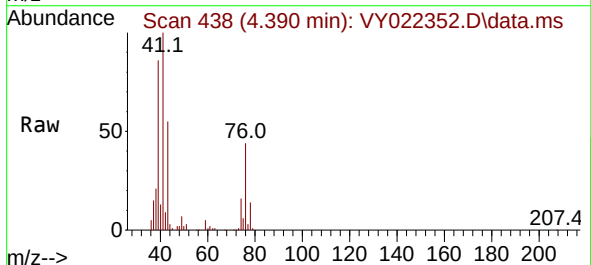
Tgt Ion: 76 Resp: 259720
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

Manual Integrations
APPROVED

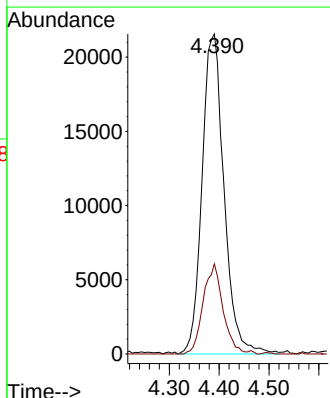
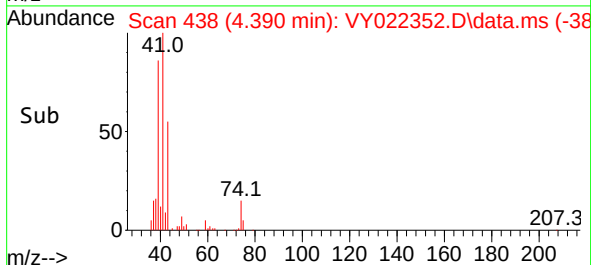
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

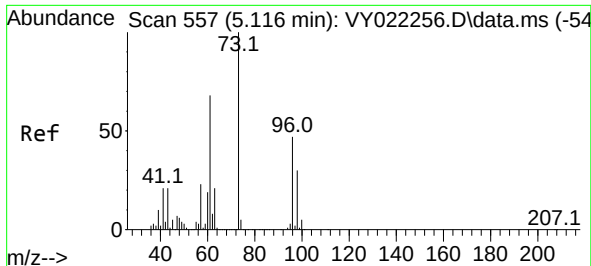


#18
Methyl Acetate
Concen: 65.325 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



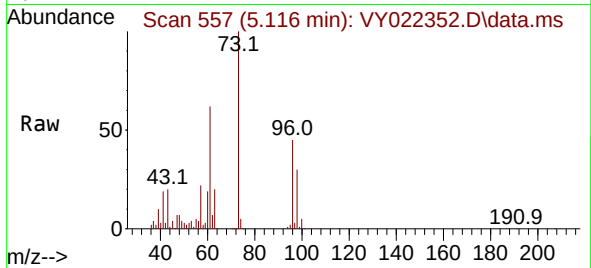
Tgt Ion: 43 Resp: 65971
Ion Ratio Lower Upper
43 100
74 25.5 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 49.840 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

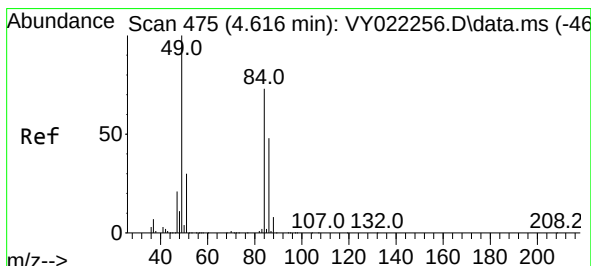
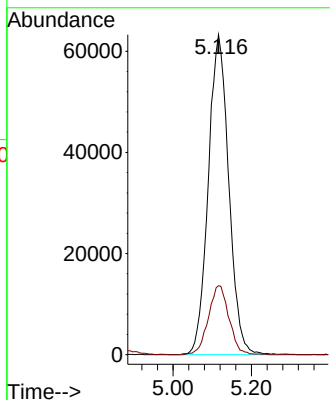
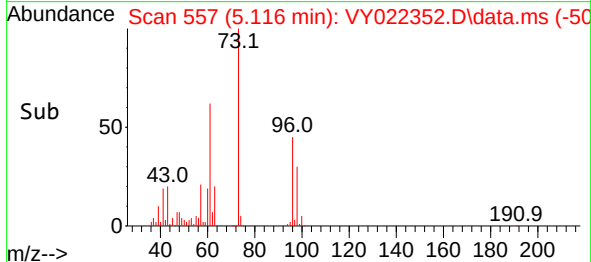
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 22975
Ion Ratio Lower Upper
73 100
57 21.6 18.6 28.0

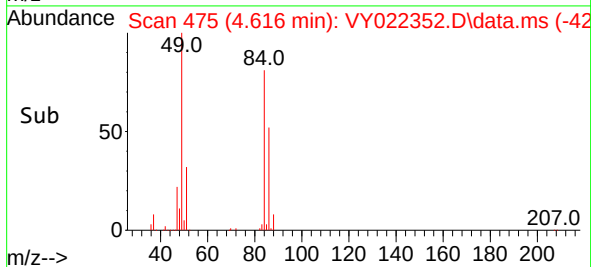
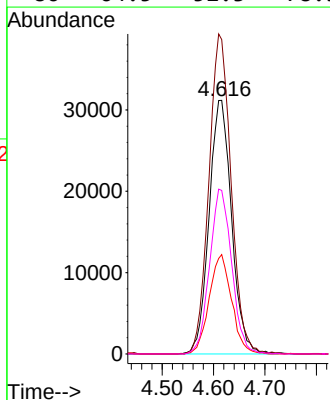
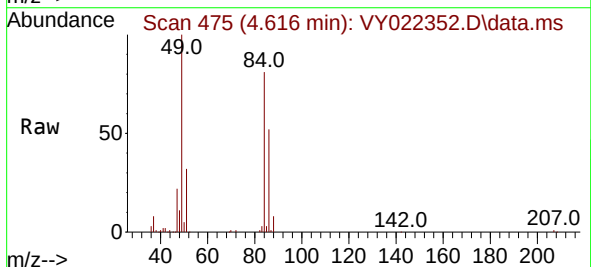
Manual Integrations
APPROVED

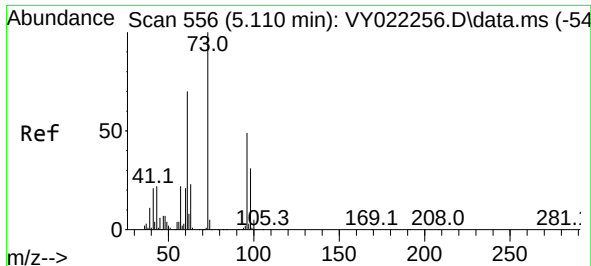
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#20
Methylene Chloride
Concen: 45.894 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

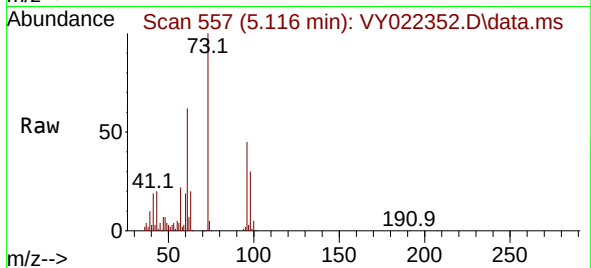
Tgt Ion: 84 Resp: 94985
Ion Ratio Lower Upper
84 100
49 124.0 109.6 164.4
51 39.2 32.4 48.6
86 64.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.600 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. 0.006 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

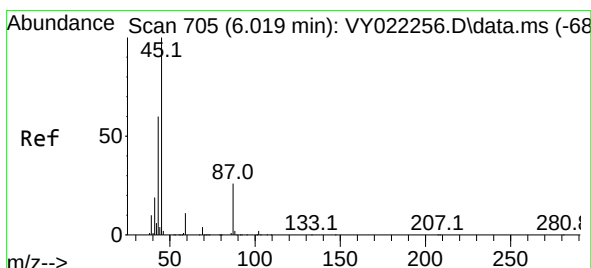
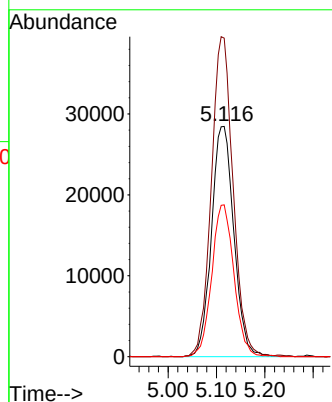
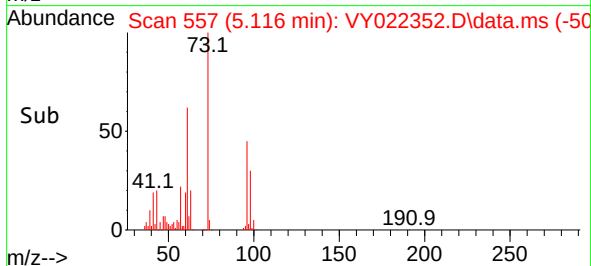
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



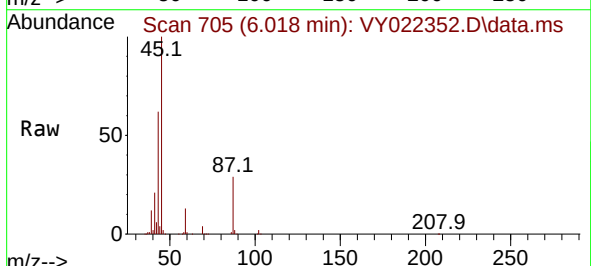
Tgt Ion: 96 Resp: 91532
Ion Ratio Lower Upper
96 100
61 138.4 113.4 170.0
98 65.9 50.9 76.3

Manual Integrations
APPROVED

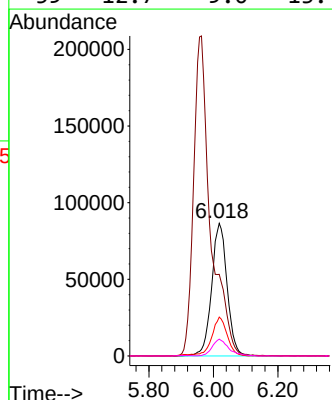
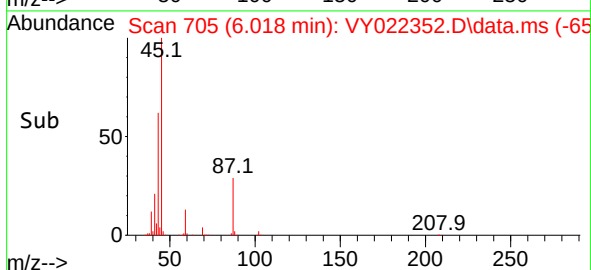
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

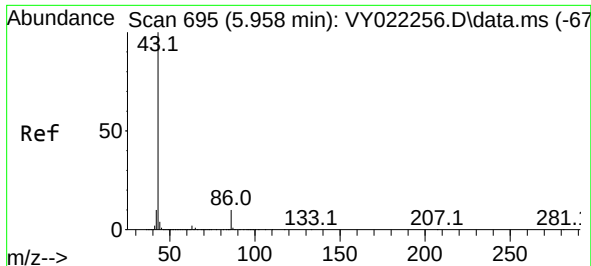


#22
Diisopropyl ether
Concen: 46.551 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



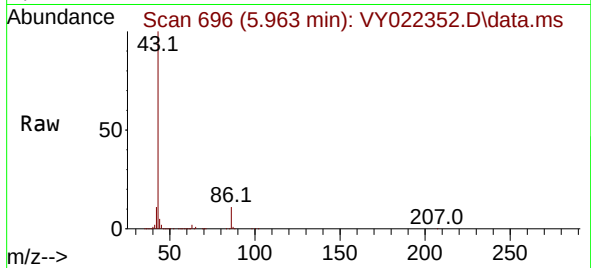
Tgt Ion: 45 Resp: 288182
Ion Ratio Lower Upper
45 100
43 61.4 48.2 72.2
87 29.3 21.4 32.0
59 12.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 203.532 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022352.D
 Acq: 20 May 2025 19:34

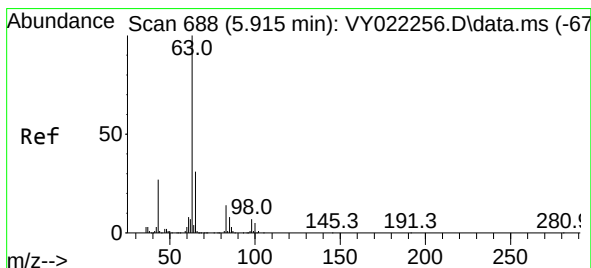
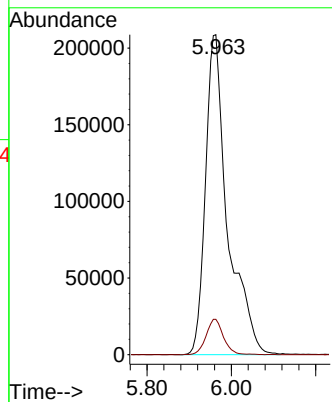
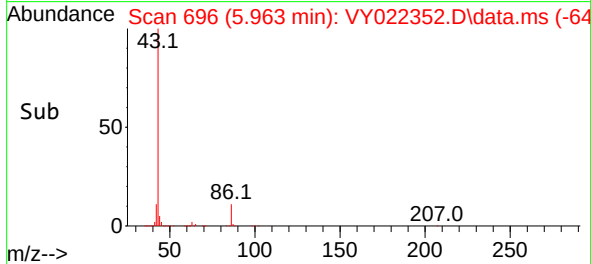
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



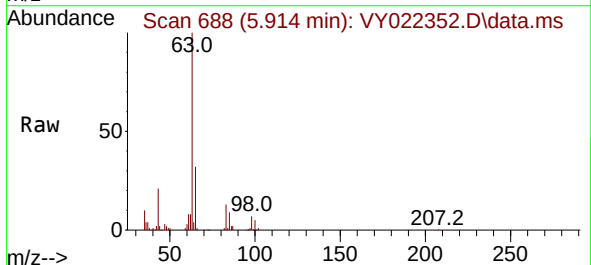
Tgt Ion: 43 Resp: 761211
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

Manual Integrations
 APPROVED

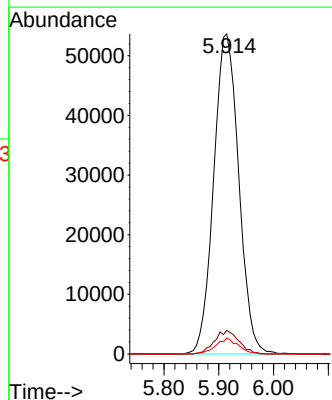
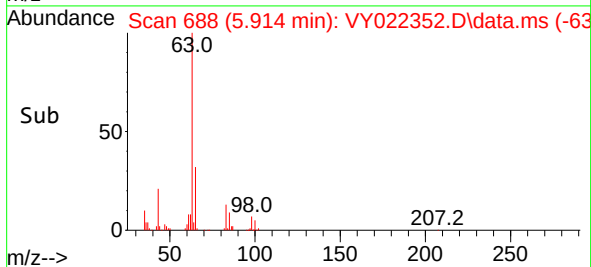
Reviewed By :Mahesh Dadoda 05/21/2025
 Supervised By :Semsettin Yesilyurt 05/21/2025

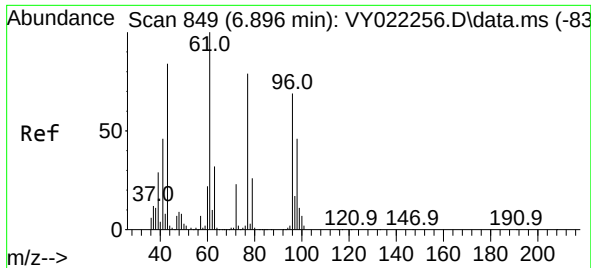


#24
 1,1-Dichloroethane
 Concen: 49.233 ug/l
 RT: 5.914 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022352.D
 Acq: 20 May 2025 19:34



Tgt Ion: 63 Resp: 170278
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 5.0 2.4 7.2





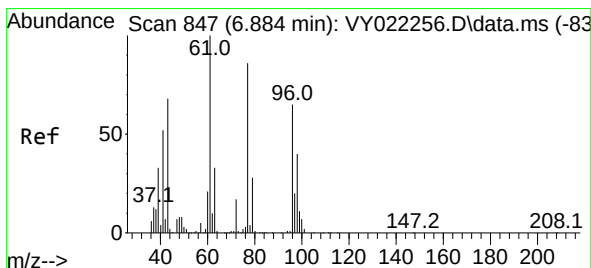
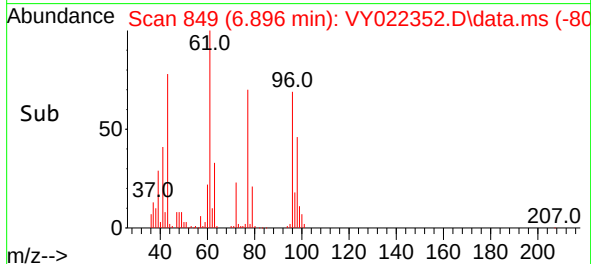
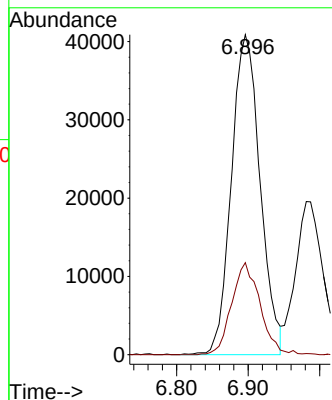
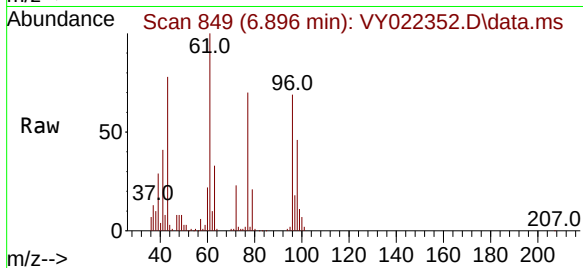
#25
2-Butanone
Concen: 212.914 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 11407
Ion Ratio Lower Upper
43 100
72 28.7 22.1 33.1

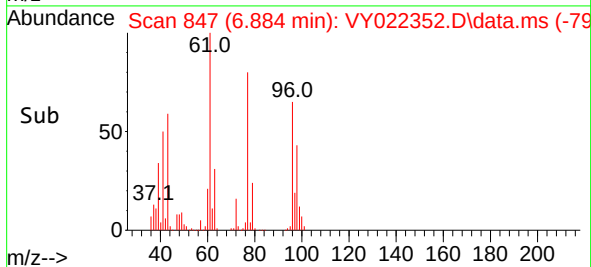
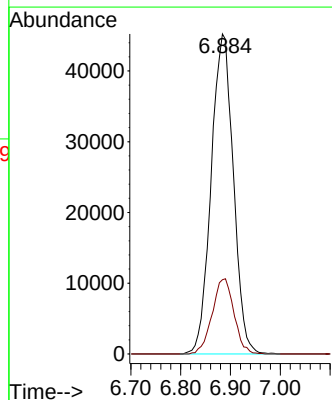
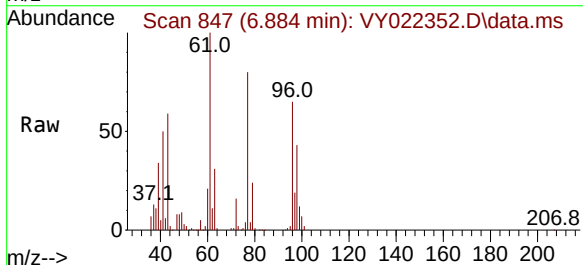
Manual Integrations
APPROVED

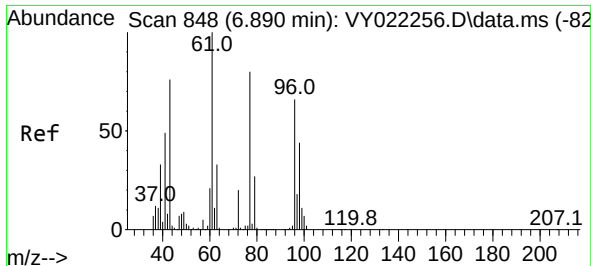
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#26
2,2-Dichloropropane
Concen: 45.440 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

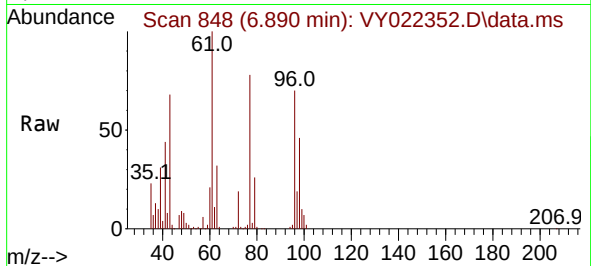
Tgt Ion: 77 Resp: 139782
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 51.151 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022352.D
 Acq: 20 May 2025 19:34

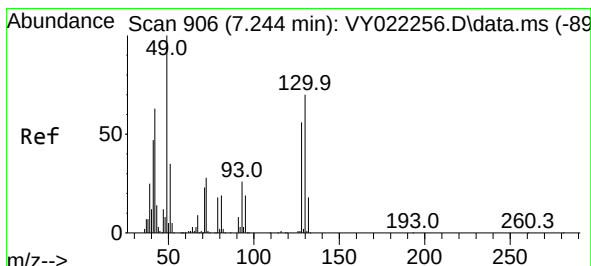
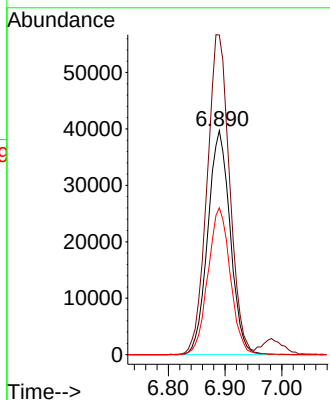
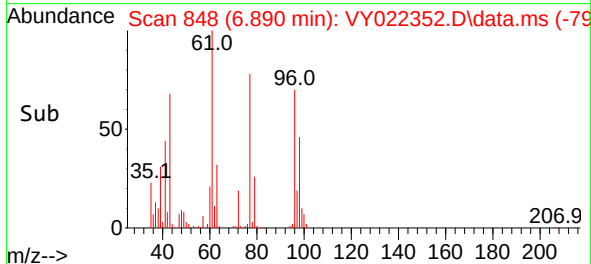
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 108929
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 302.6
 98 65.4 0.0 128.8

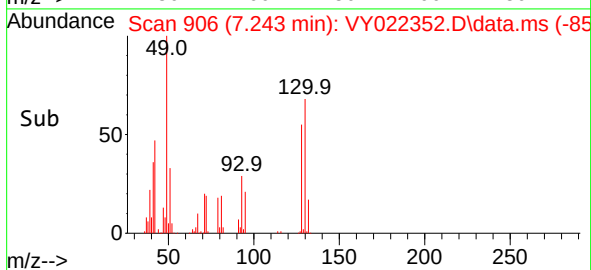
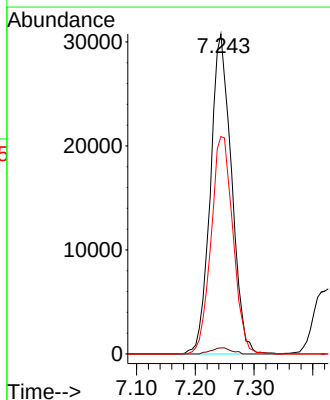
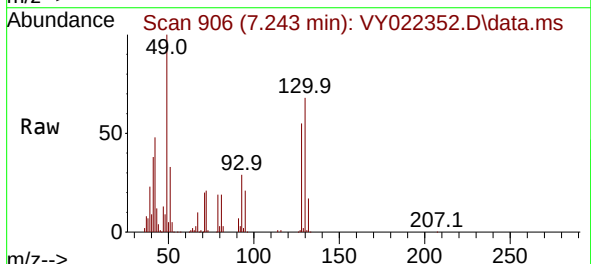
Manual Integrations
 APPROVED

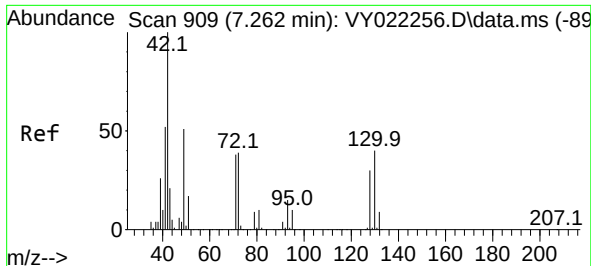
Reviewed By :Mahesh Dadoda 05/21/2025
 Supervised By :Semsettin Yesilyurt 05/21/2025



#28
 Bromochloromethane
 Concen: 51.893 ug/l
 RT: 7.243 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022352.D
 Acq: 20 May 2025 19:34

Tgt Ion: 49 Resp: 76556
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 70.9 54.7 82.1





#29

Tetrahydrofuran

Concen: 225.623 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

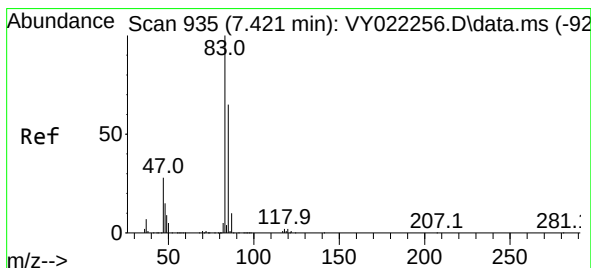
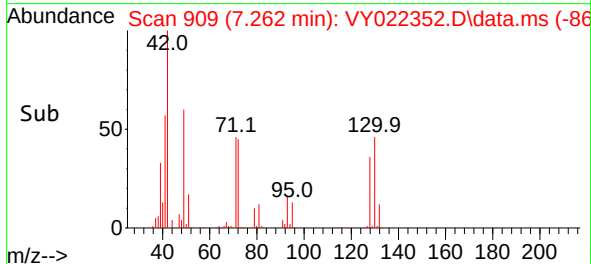
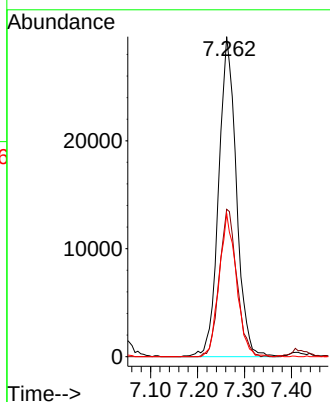
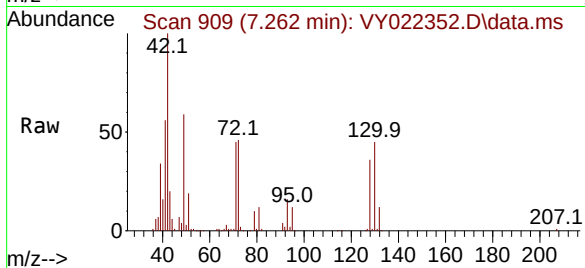
VSTDCCC050EC

Tgt Ion:	42	Resp:	77770
Ion	Ratio	Lower	Upper
42	100		
72	45.9	33.8	50.6
71	43.3	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#30

Chloroform

Concen: 52.256 ug/l

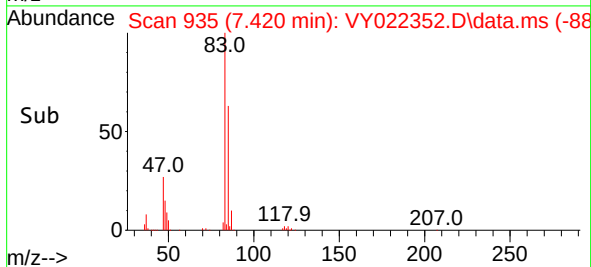
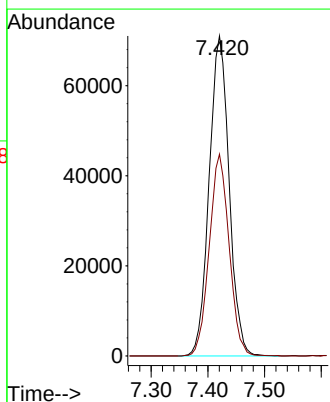
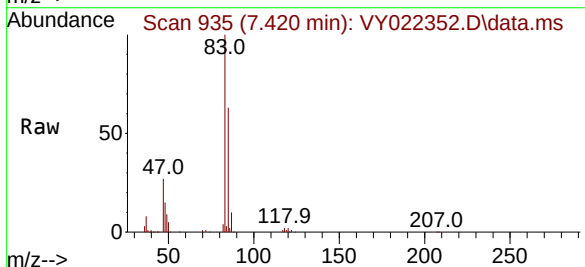
RT: 7.420 min Scan# 935

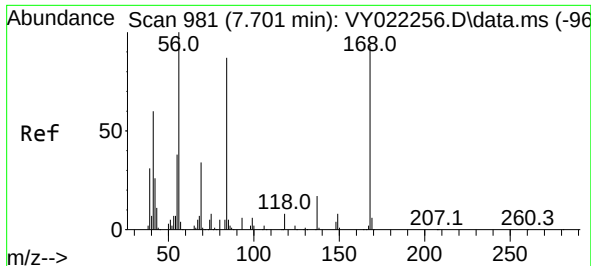
Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Tgt Ion:	83	Resp:	173358
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.8	77.8





#31

Cyclohexane

Concen: 43.449 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 15014

Ion Ratio Lower Upper

56 100

69 34.7 27.4 41.2

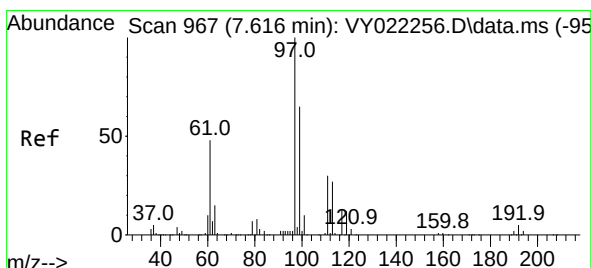
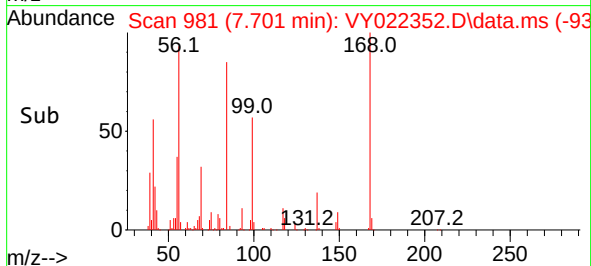
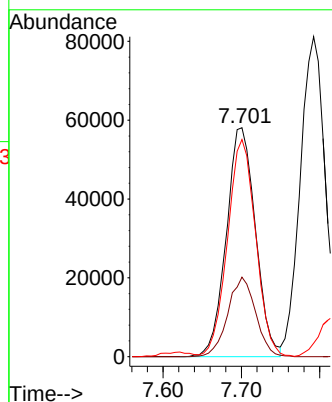
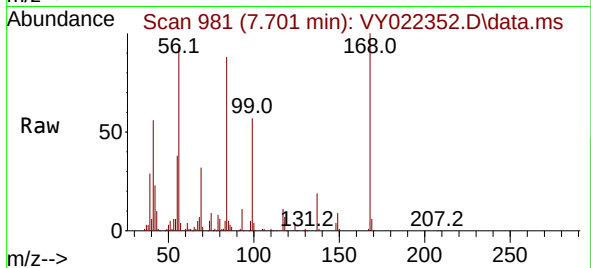
84 93.3 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#32

1,1,1-Trichloroethane

Concen: 49.273 ug/l

RT: 7.615 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

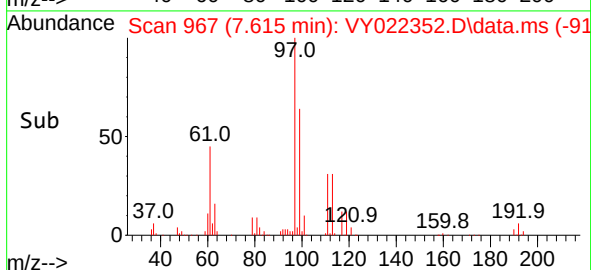
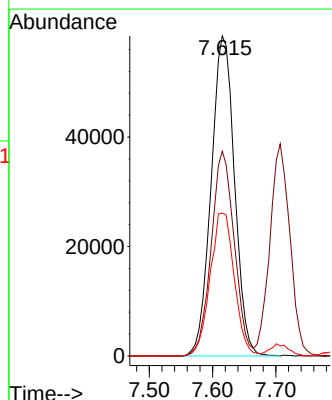
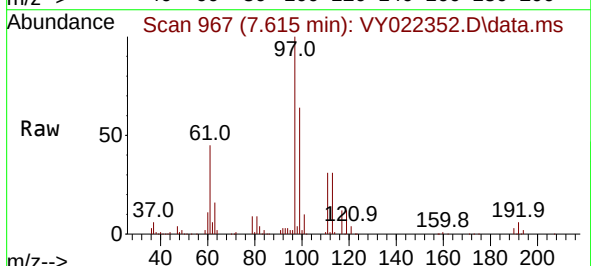
Tgt Ion: 97 Resp: 149966

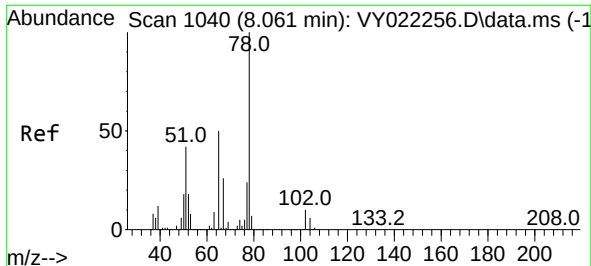
Ion Ratio Lower Upper

97 100

99 63.0 51.4 77.0

61 46.3 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 50.927 ug/l

RT: 8.060 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

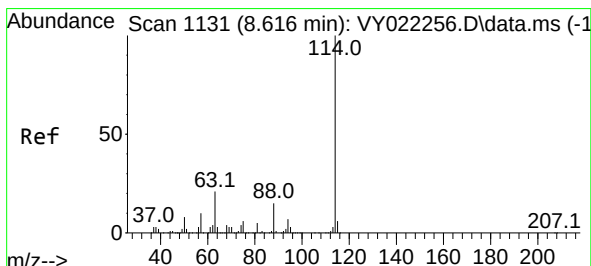
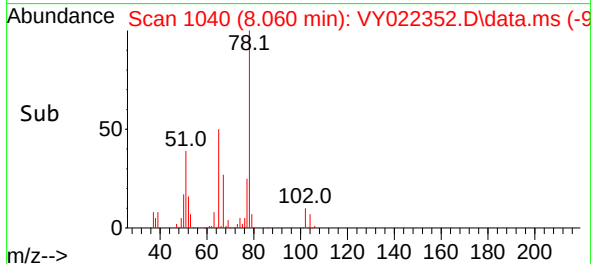
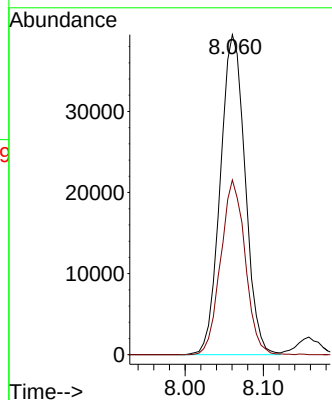
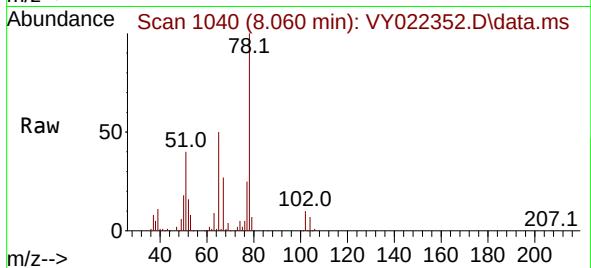
VSTDCCC050EC

Tgt Ion: 65 Resp: 86994
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
 Supervised By :Semsettin Yesilyurt 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

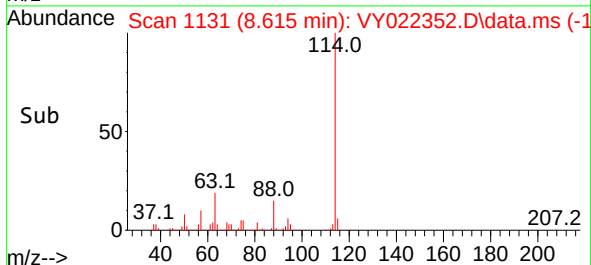
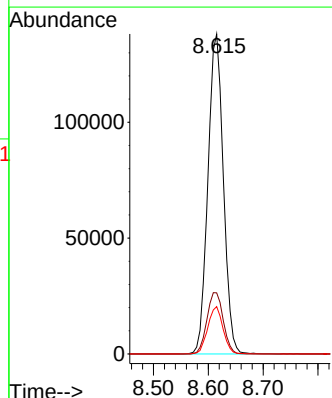
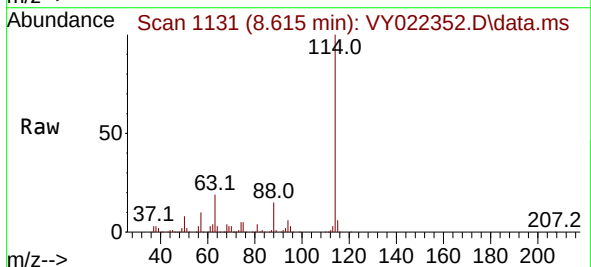
RT: 8.615 min Scan# 1131

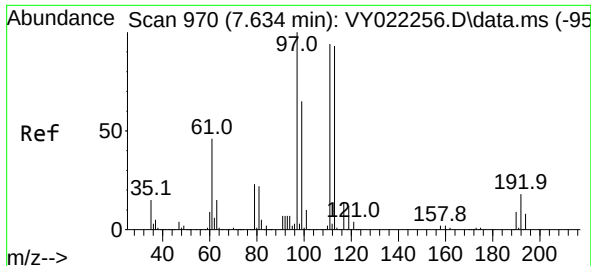
Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

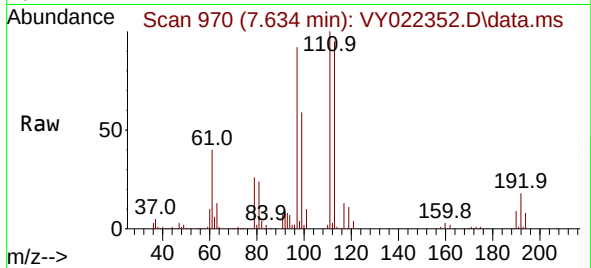
Tgt Ion:114 Resp: 269294
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.0
 88 14.8 0.0 29.4





#35
Dibromofluoromethane
Concen: 52.262 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

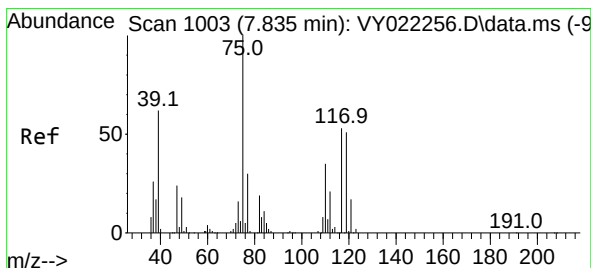
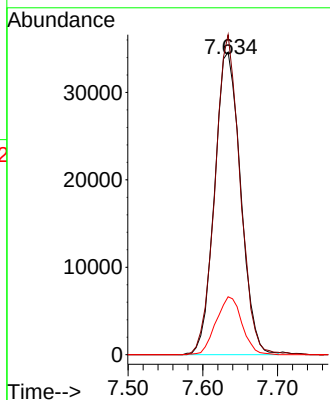
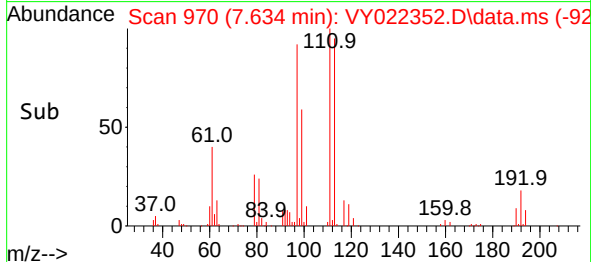
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



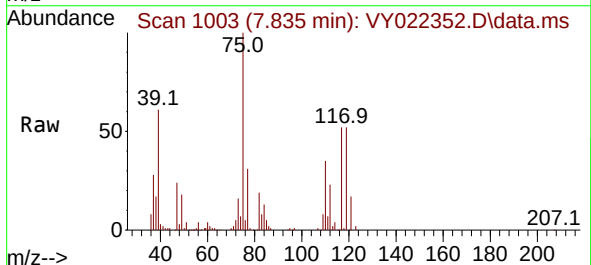
Tgt Ion:113 Resp: 8400
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.0 15.2 22.8

Manual Integrations
APPROVED

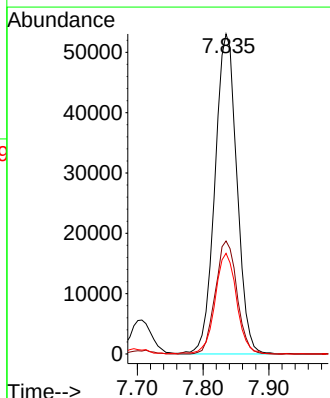
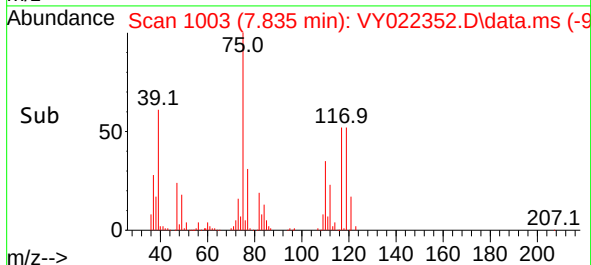
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

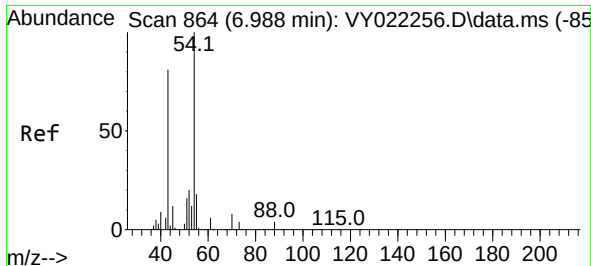


#36
1,1-Dichloropropene
Concen: 46.575 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



Tgt Ion: 75 Resp: 123302
Ion Ratio Lower Upper
75 100
110 34.7 16.6 49.8
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 42.028 ug/l

RT: 6.981 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

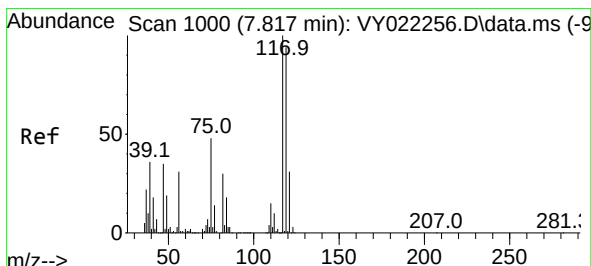
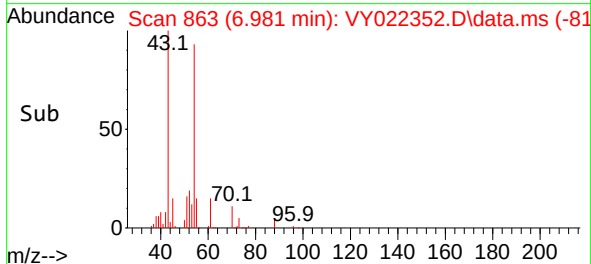
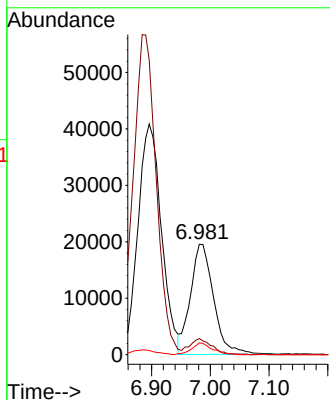
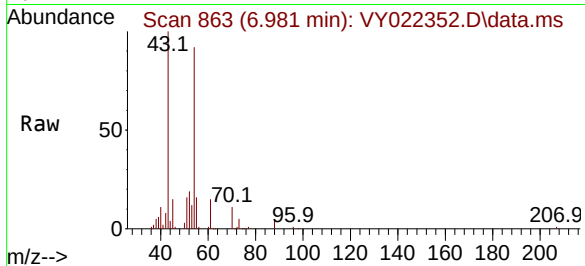
Tgt Ion: 43 Resp: 53530

Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.2	15.2
70	9.3	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#38

Carbon Tetrachloride

Concen: 47.139 ug/l

RT: 7.817 min Scan# 1000

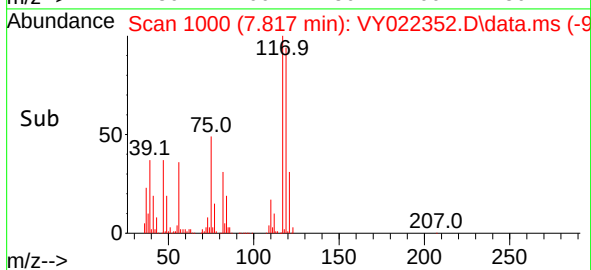
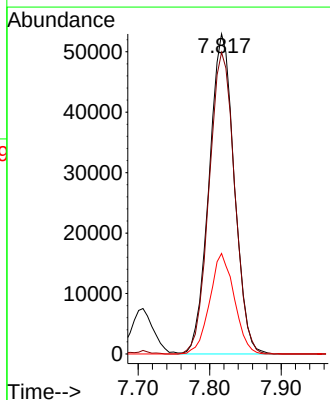
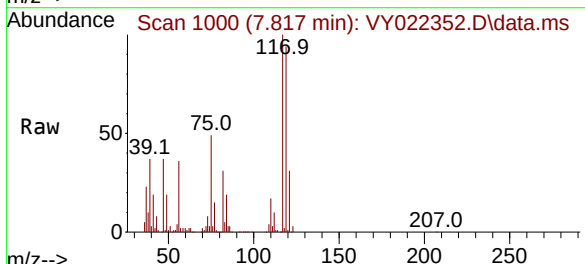
Delta R.T. -0.000 min

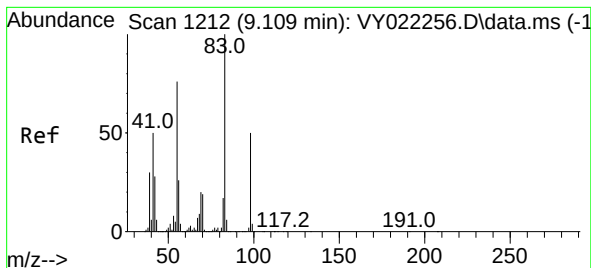
Lab File: VY022352.D

Acq: 20 May 2025 19:34

Tgt Ion:117 Resp: 129179

Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.3	112.9
121	31.4	24.7	37.1





#39

Methylcyclohexane

Concen: 44.910 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 15973

Ion Ratio Lower Upper

83 100

55 72.7 60.6 90.8

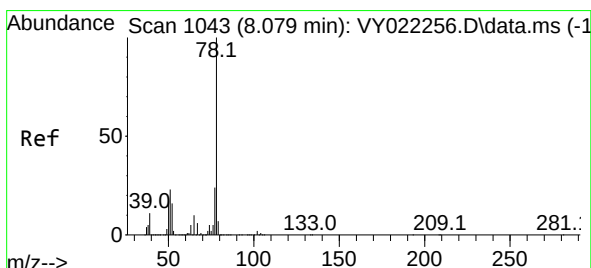
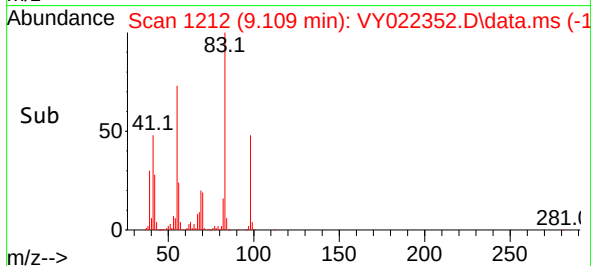
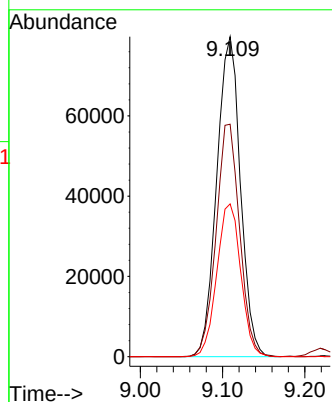
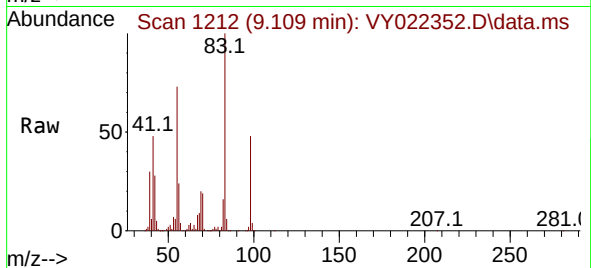
98 47.8 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#40

Benzene

Concen: 49.296 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022352.D

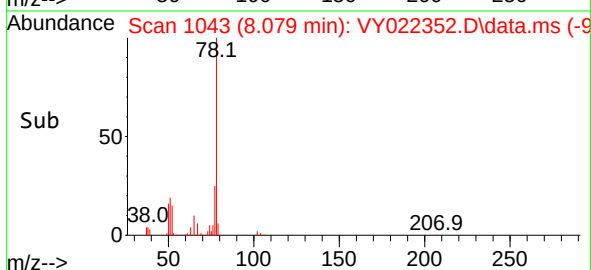
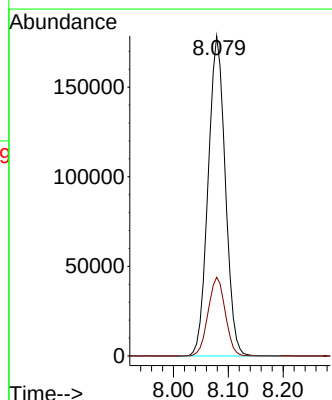
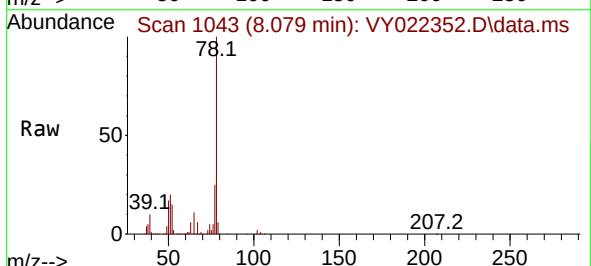
Acq: 20 May 2025 19:34

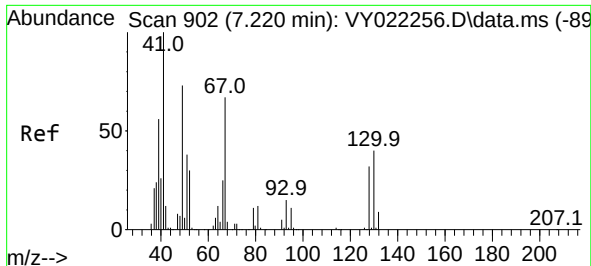
Tgt Ion: 78 Resp: 386891

Ion Ratio Lower Upper

78 100

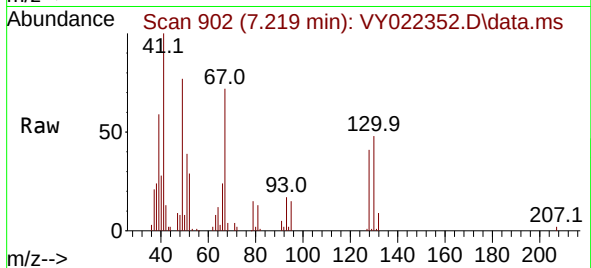
77 24.6 18.9 28.3





#41
Methacrylonitrile
Concen: 42.823 ug/l m
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

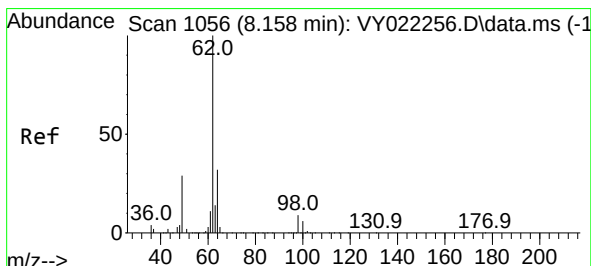
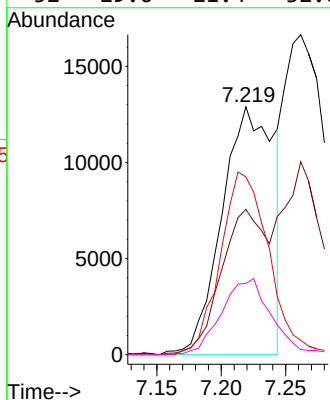
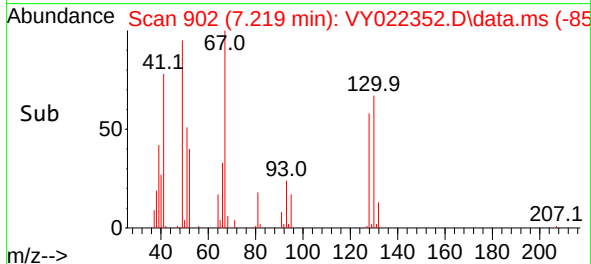
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



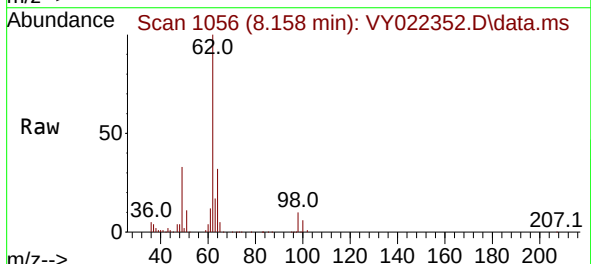
Tgt Ion: 41 Resp: 36184
Ion Ratio Lower Upper
41 100
39 51.1 39.1 58.7
67 69.4 47.1 70.7
52 29.6 21.4 32.0

Manual Integrations
APPROVED

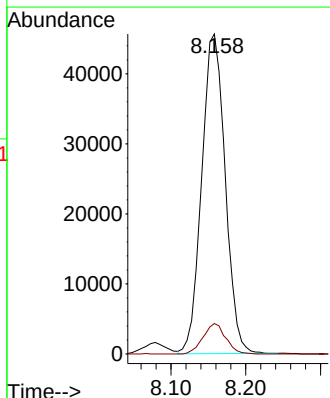
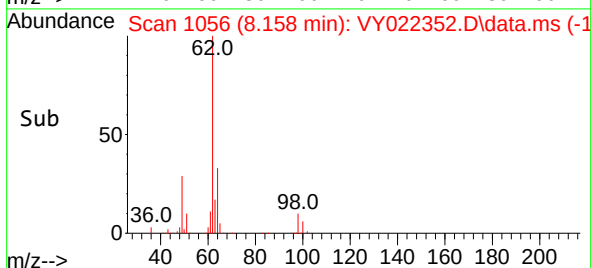
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

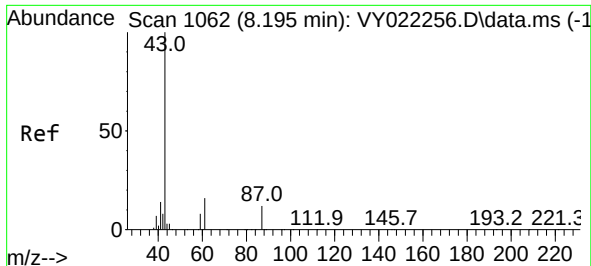


#42
1,2-Dichloroethane
Concen: 46.969 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



Tgt Ion: 62 Resp: 99687
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4





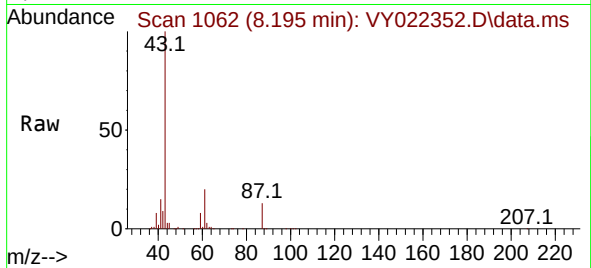
#43
Isopropyl Acetate
Concen: 42.697 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

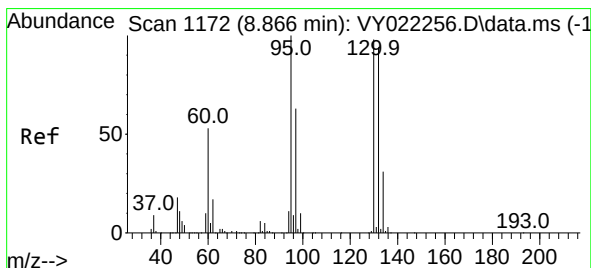
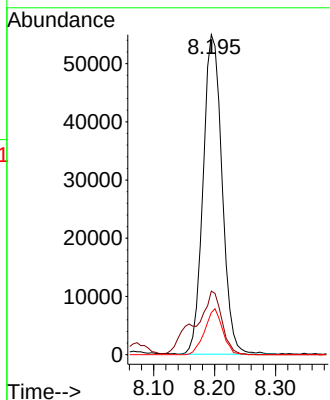
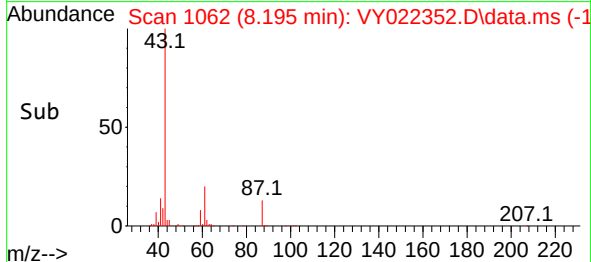


Tgt Ion: 43 Resp: 118614
Ion Ratio Lower Upper
43 100
61 19.4 15.1 22.7
87 13.6 9.7 14.5

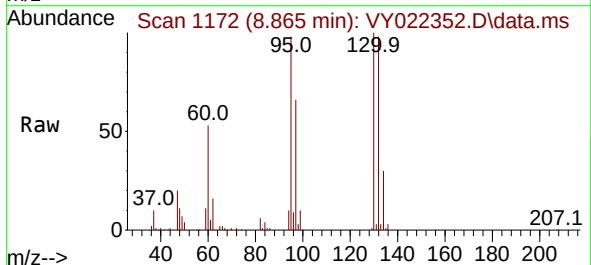
Manual Integrations

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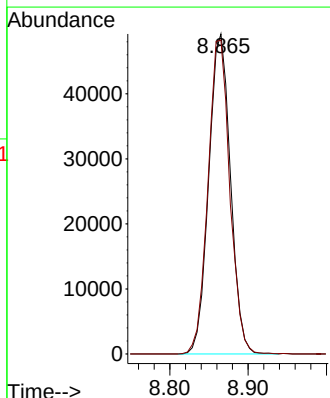
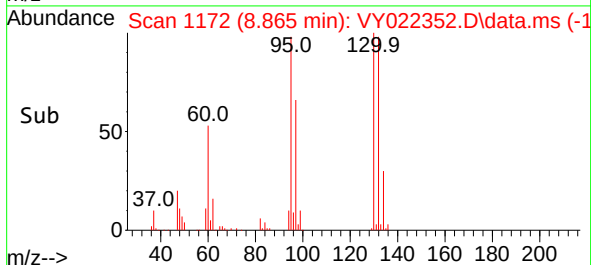
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

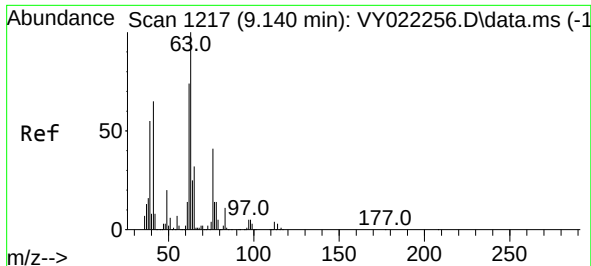


#44
Trichloroethene
Concen: 48.470 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



Tgt Ion:130 Resp: 94587
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.8





#45

1,2-Dichloropropane

Concen: 47.963 ug/l

RT: 9.139 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 90754

Ion Ratio Lower Upper

63 100

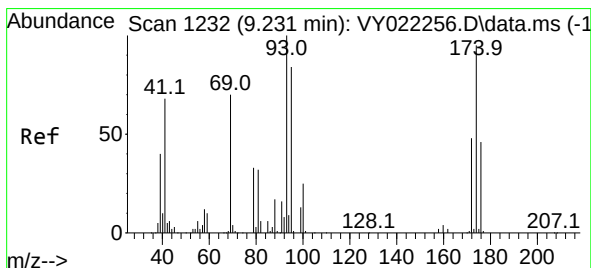
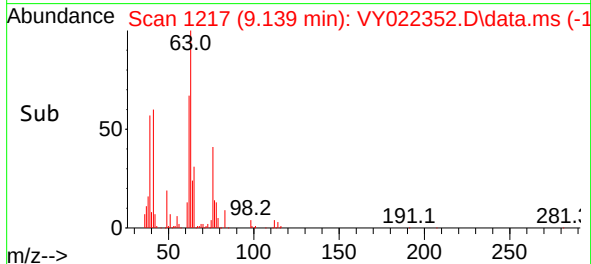
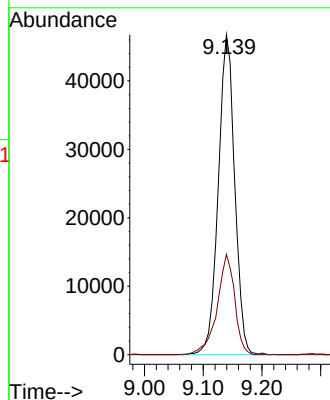
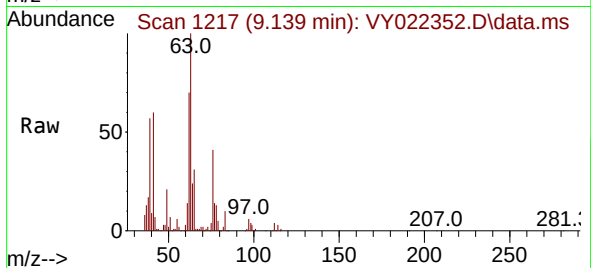
65 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#46

Dibromomethane

Concen: 48.404 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

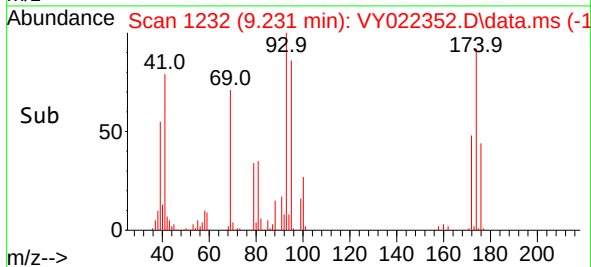
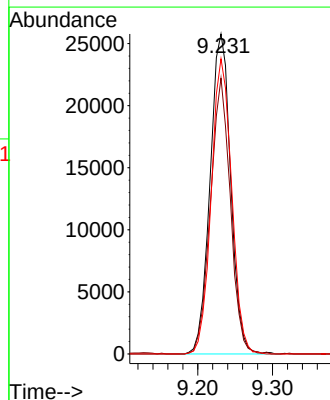
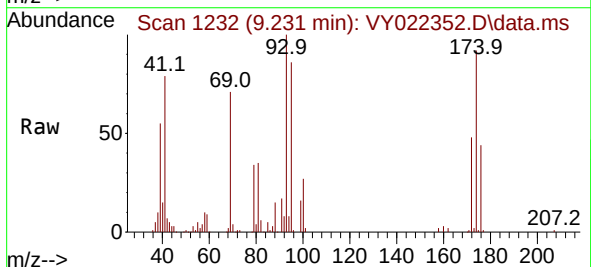
Tgt Ion: 93 Resp: 49399

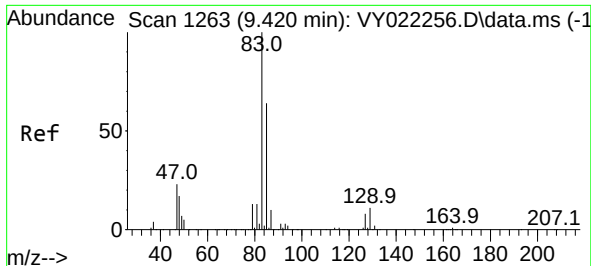
Ion Ratio Lower Upper

93 100

95 83.1 65.2 97.8

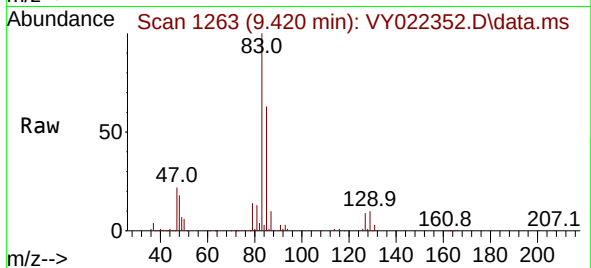
174 91.2 74.3 111.5





#47
Bromodichloromethane
Concen: 49.782 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

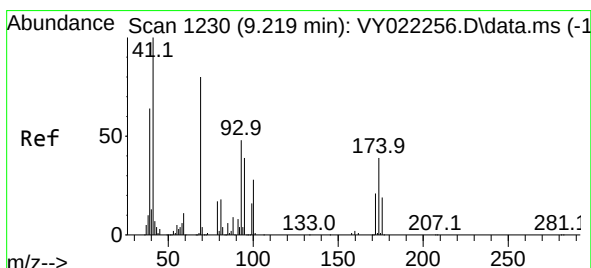
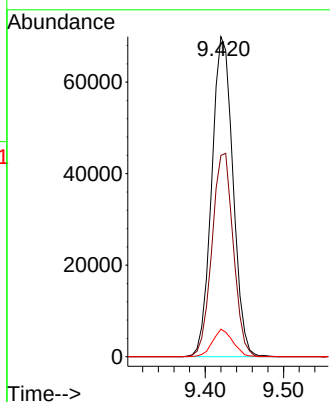
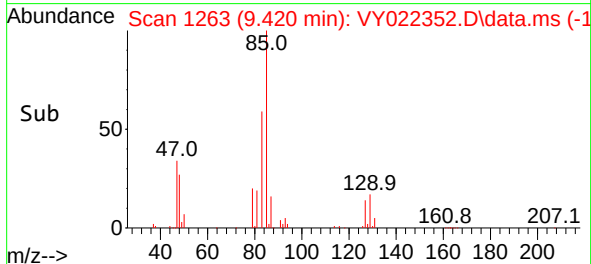
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 13180
Ion Ratio Lower Upper
83 100
85 62.9 51.1 76.7
127 8.6 6.6 10.0

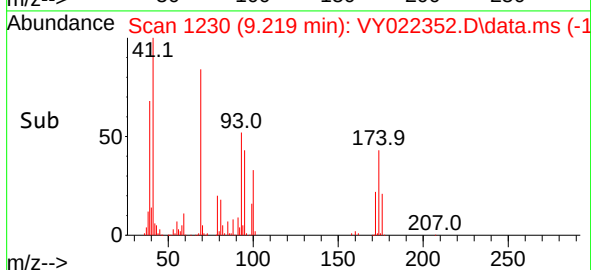
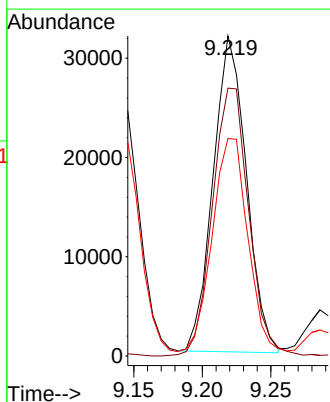
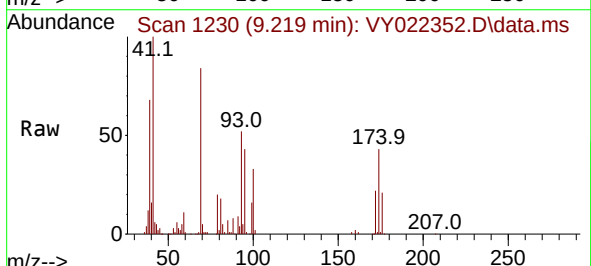
Manual Integrations
APPROVED

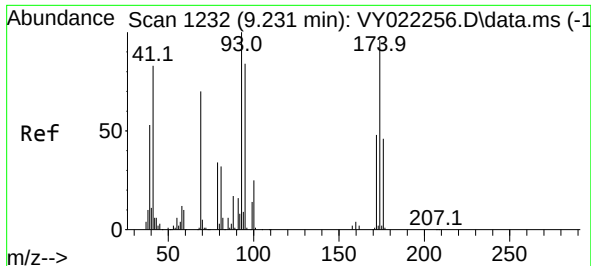
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#48
Methyl methacrylate
Concen: 41.341 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

Tgt Ion: 41 Resp: 53709
Ion Ratio Lower Upper
41 100
69 92.8 63.5 95.3
39 72.3 50.8 76.2





#49

1,4-Dioxane

Concen: 913.074 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

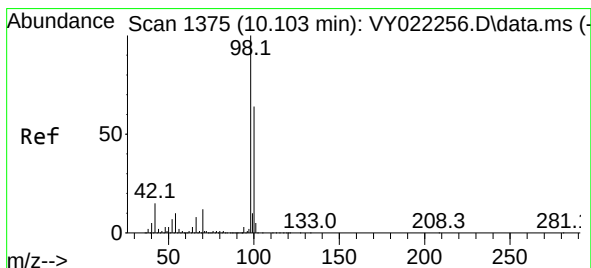
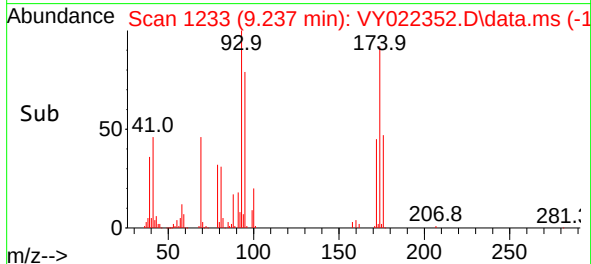
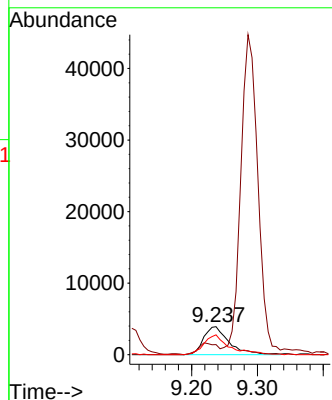
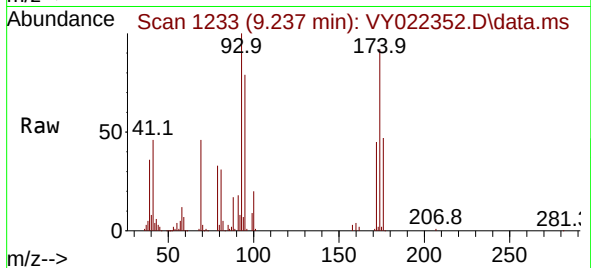
VSTDCCC050EC

Tgt Ion: 88	Resp: 1052
Ion Ratio	Lower Upper
88 100	
43 30.8	28.5 42.7
58 71.1	61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#50

Toluene-d8

Concen: 50.921 ug/l

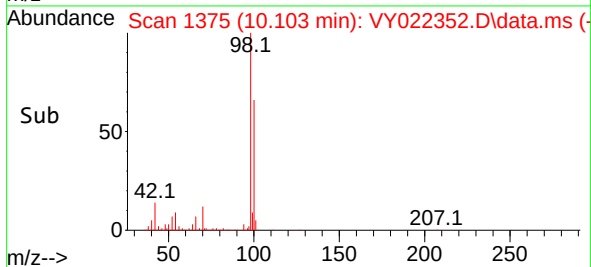
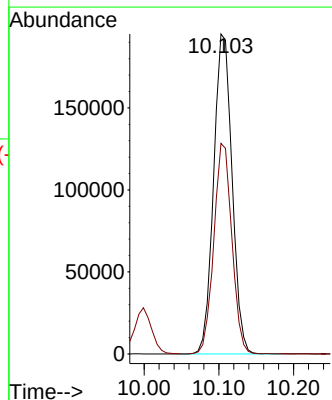
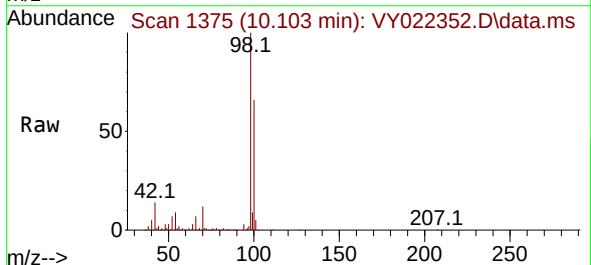
RT: 10.103 min Scan# 1375

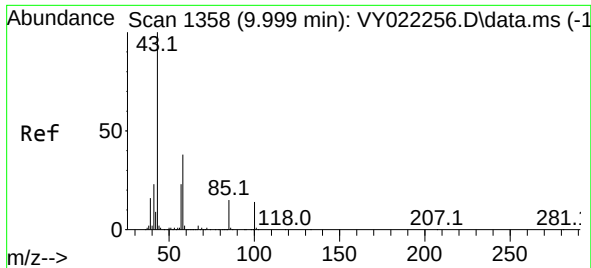
Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

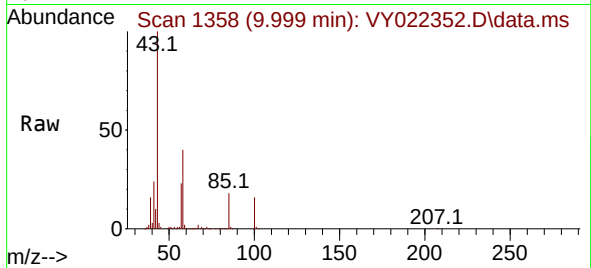
Tgt Ion: 98	Resp: 335207
Ion Ratio	Lower Upper
98 100	
100 64.5	51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 221.192 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

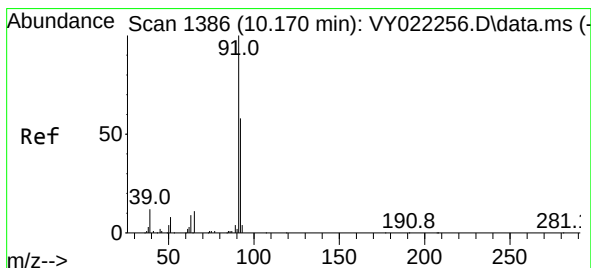
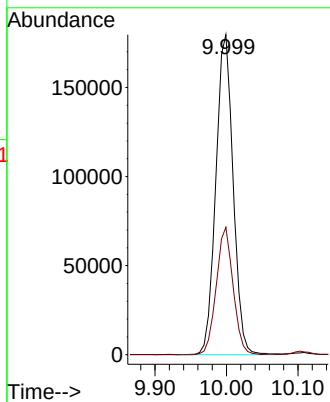
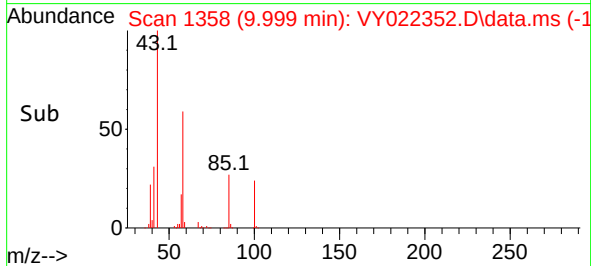
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



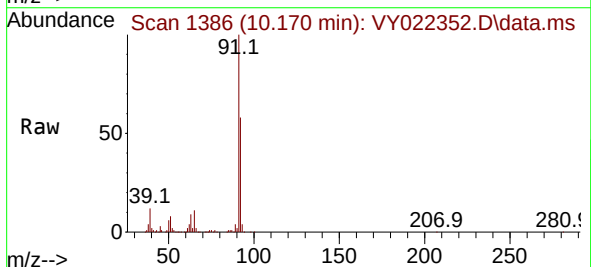
Tgt Ion: 43 Resp: 30150
Ion Ratio Lower Upper
43 100
58 38.8 29.4 44.2

Manual Integrations
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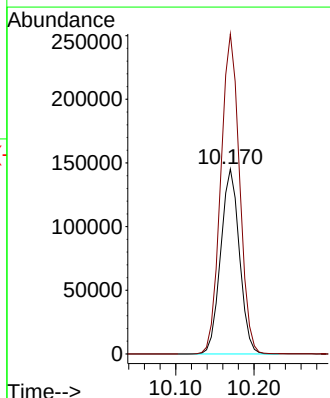
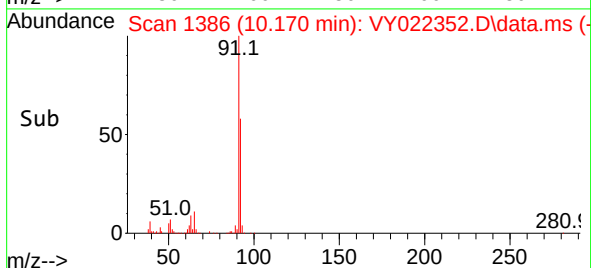
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

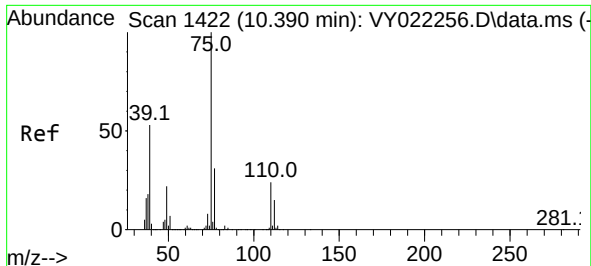


#52
Toluene
Concen: 48.582 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



Tgt Ion: 92 Resp: 241443
Ion Ratio Lower Upper
92 100
91 174.0 139.1 208.7





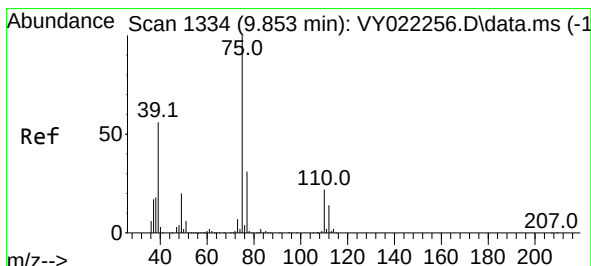
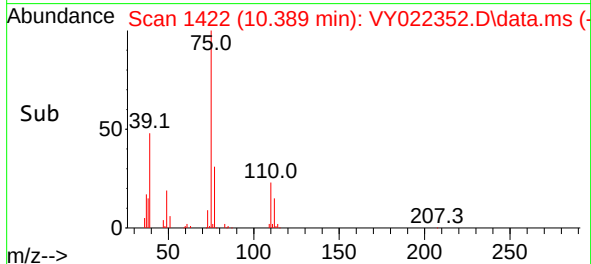
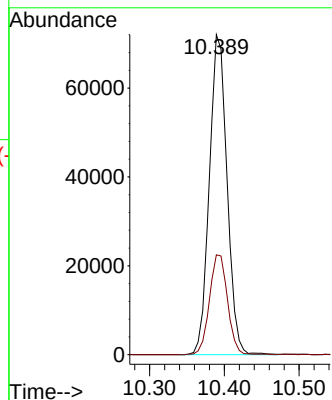
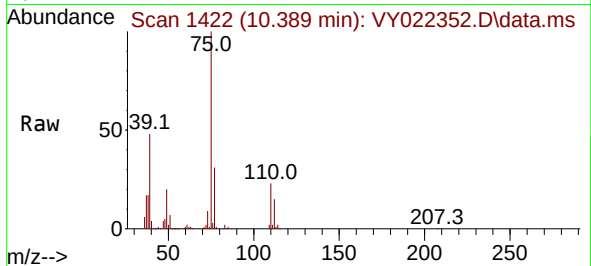
#53
t-1,3-Dichloropropene
Concen: 45.821 ug/l
RT: 10.389 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 118392
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6

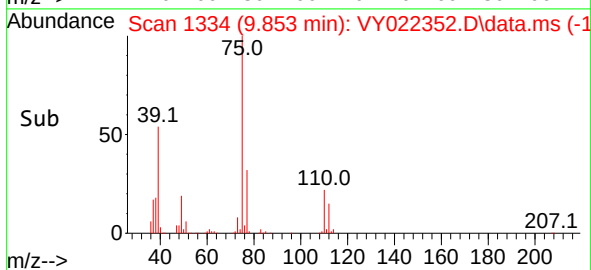
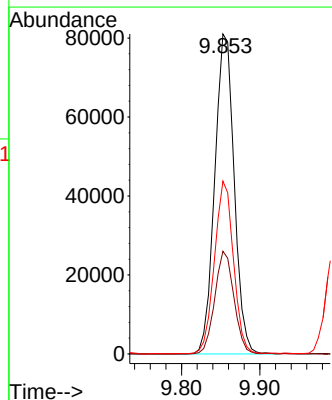
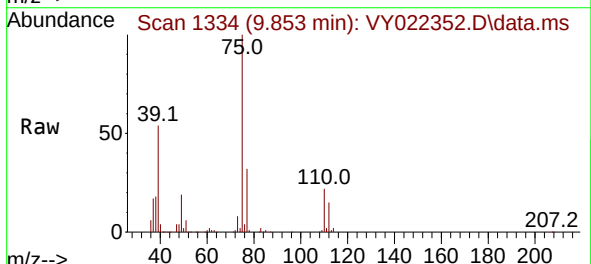
Manual Integrations
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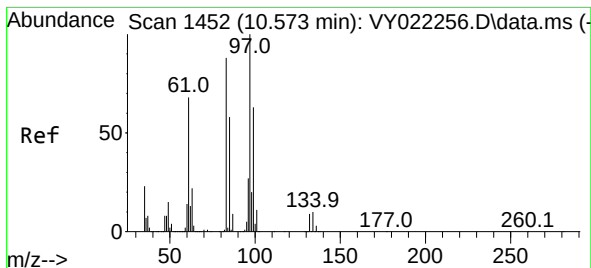
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#54
cis-1,3-Dichloropropene
Concen: 47.342 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

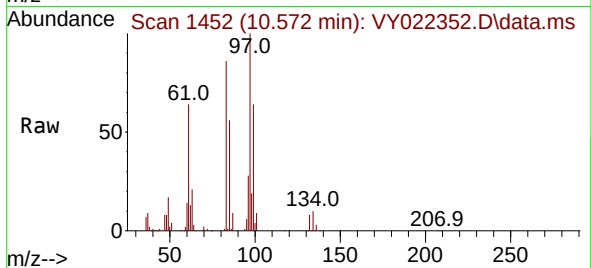
Tgt Ion: 75 Resp: 140146
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
39 53.9 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 49.386 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

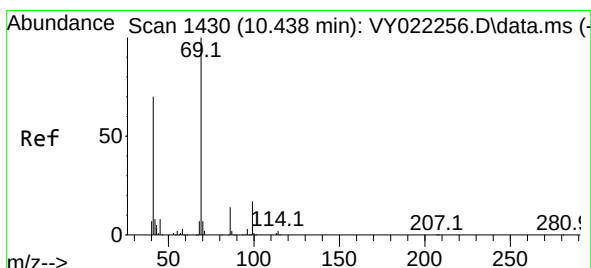
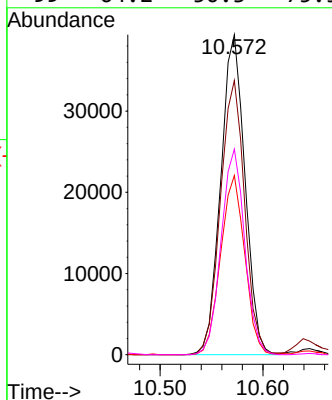
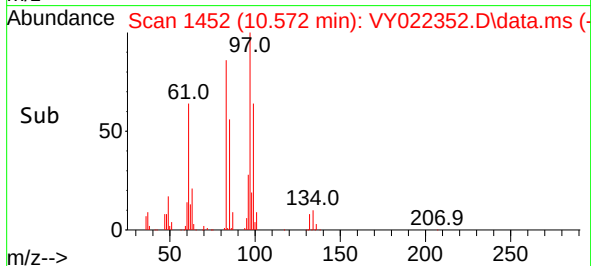
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



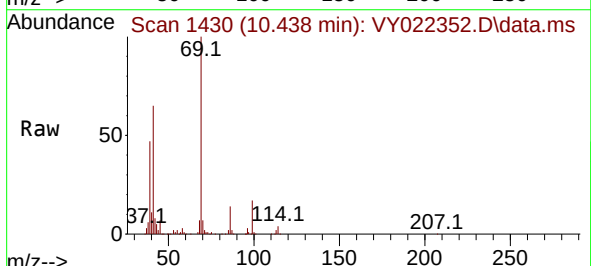
Tgt Ion: 97 Resp: 64540
Ion Ratio Lower Upper
97 100
83 85.7 70.3 105.5
85 56.0 46.2 69.4
99 64.2 50.3 75.5

Manual Integrations
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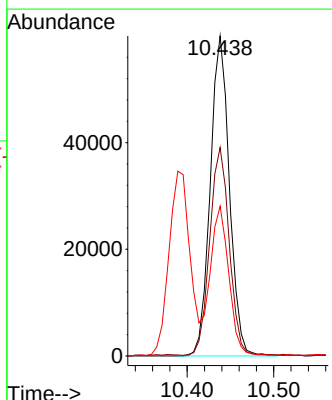
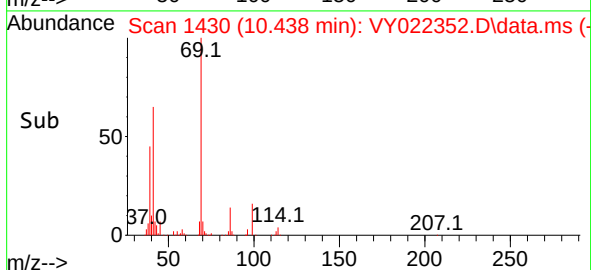
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

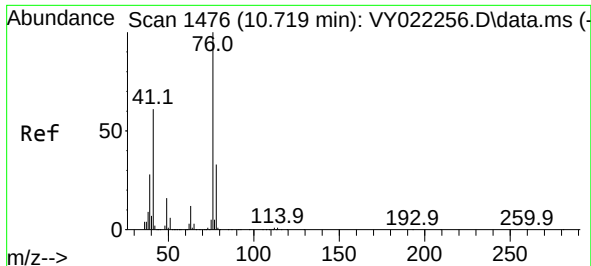


#56
Ethyl methacrylate
Concen: 45.260 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



Tgt Ion: 69 Resp: 92135
Ion Ratio Lower Upper
69 100
41 66.4 56.5 84.7
39 45.6 37.1 55.7





#57

1,3-Dichloropropane

Concen: 49.267 ug/l

RT: 10.718 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11439

Ion Ratio Lower Upper

76 100

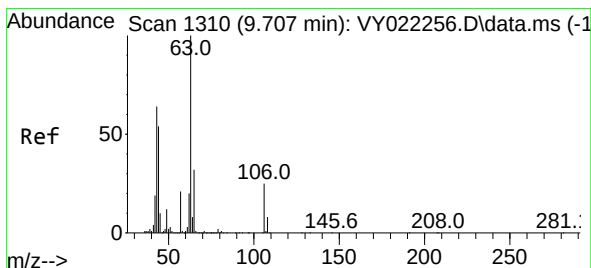
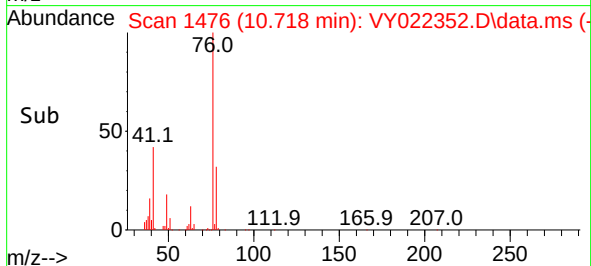
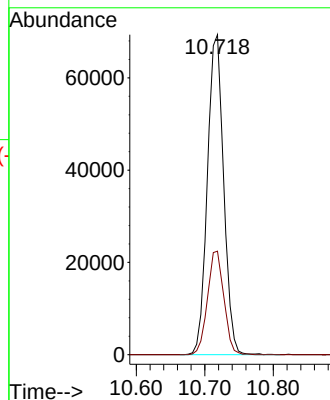
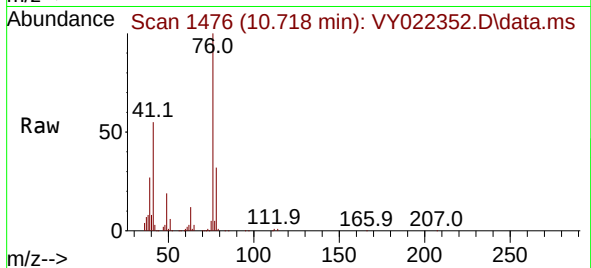
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 264.184 ug/l

RT: 9.706 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022352.D

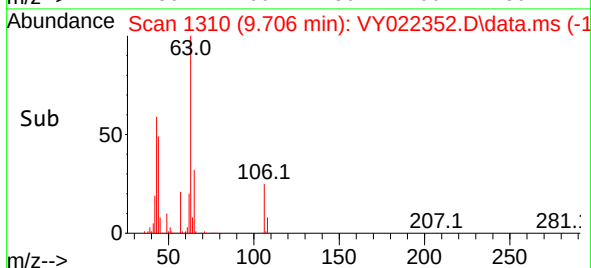
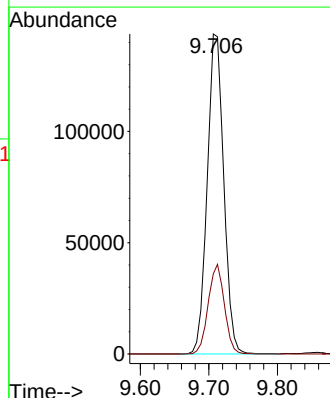
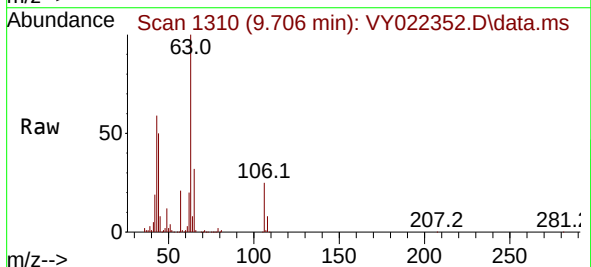
Acq: 20 May 2025 19:34

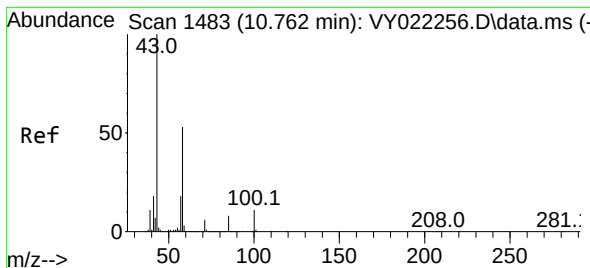
Tgt Ion: 63 Resp: 241387

Ion Ratio Lower Upper

63 100

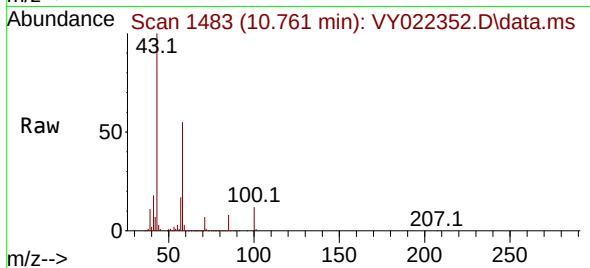
106 27.3 21.0 31.4





#59
2-Hexanone
Concen: 211.859 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

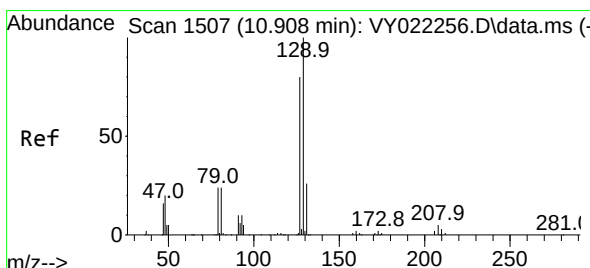
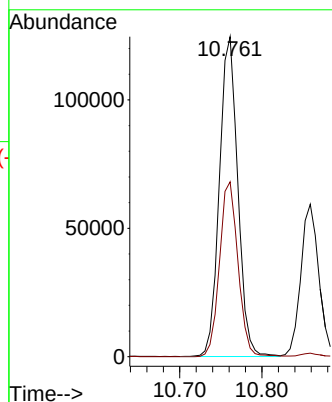
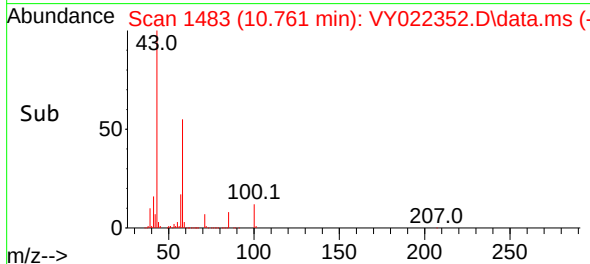
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



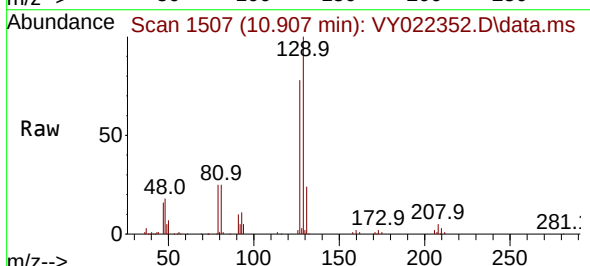
Tgt Ion: 43 Resp: 193624
Ion Ratio Lower Upper
43 100
58 55.0 26.1 78.3

Manual Integrations
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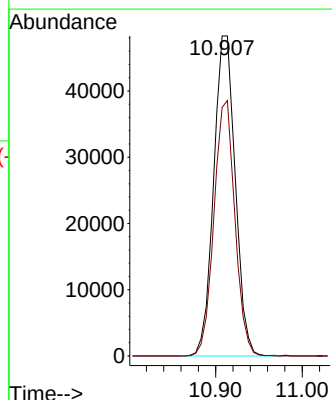
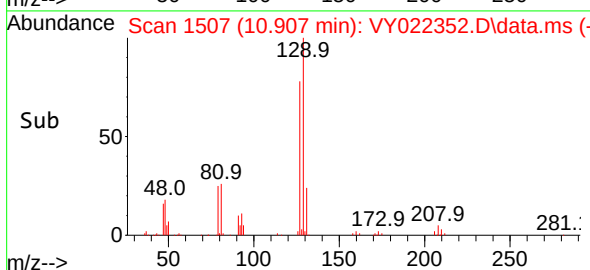
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

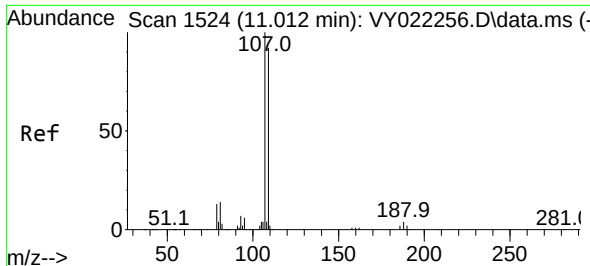


#60
Dibromochloromethane
Concen: 49.387 ug/l
RT: 10.907 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



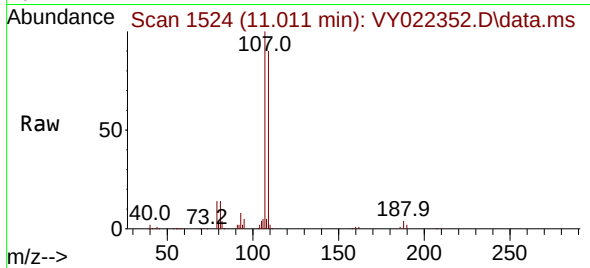
Tgt Ion:129 Resp: 83771
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 49.716 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

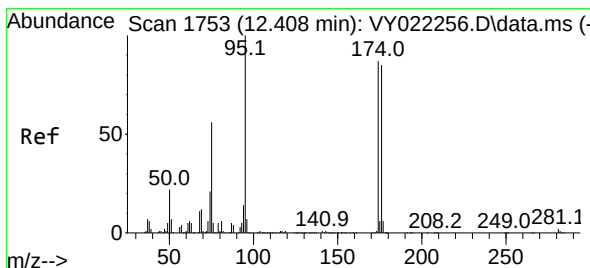
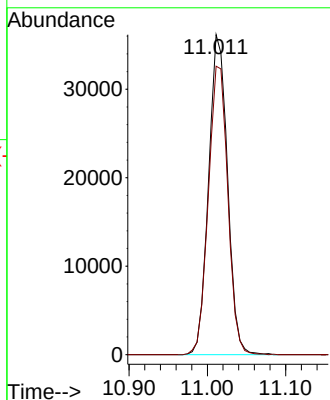
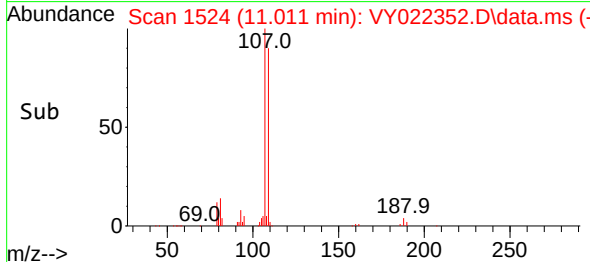
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



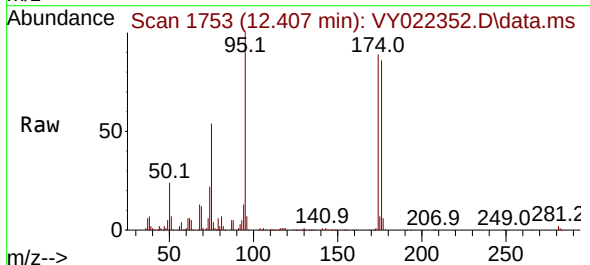
Tgt Ion:107 Resp: 6055
Ion Ratio Lower Upper
107 100
109 93.0 74.6 111.8

Manual Integrations
APPROVED

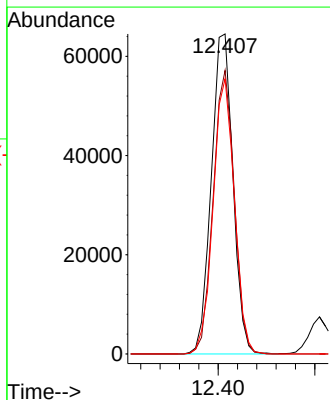
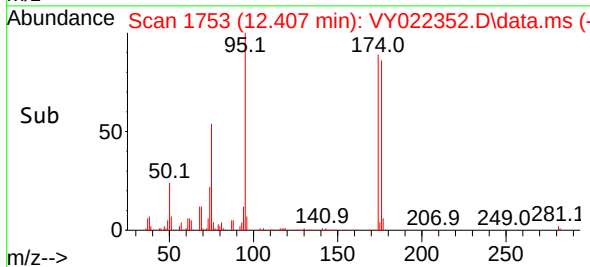
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

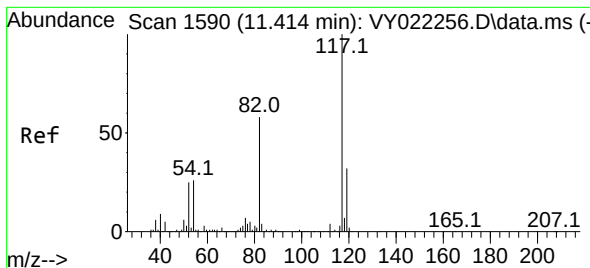


#62
4-Bromofluorobenzene
Concen: 48.015 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



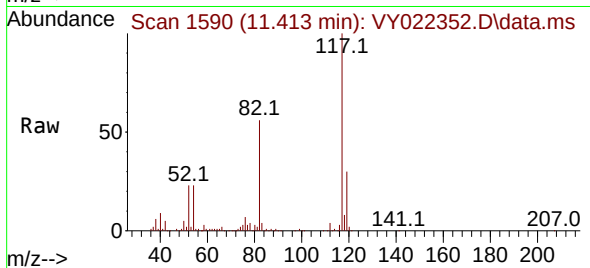
Tgt Ion: 95 Resp: 100185
Ion Ratio Lower Upper
95 100
174 86.3 0.0 166.8
176 84.4 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

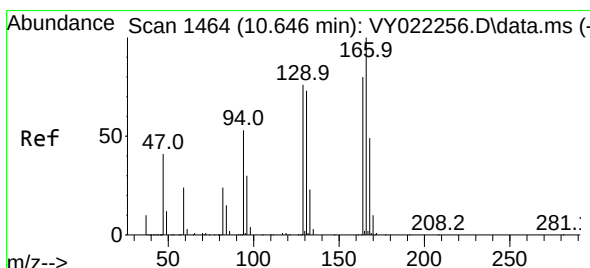
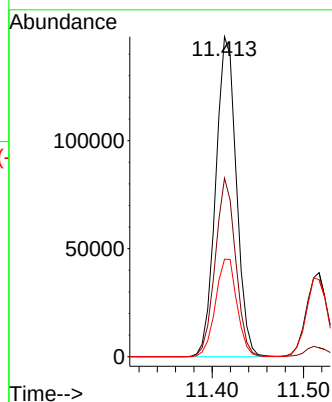
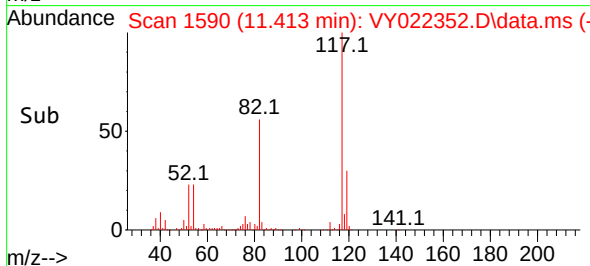
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 23247
Ion Ratio Lower Upper
117 100
82 55.8 46.6 70.0
119 30.5 25.8 38.6

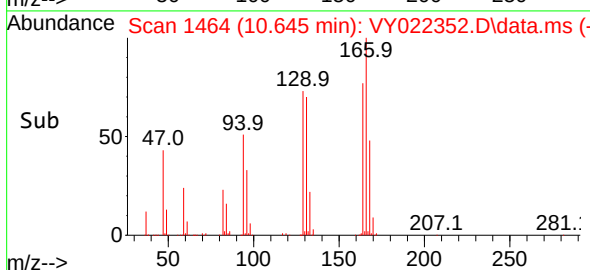
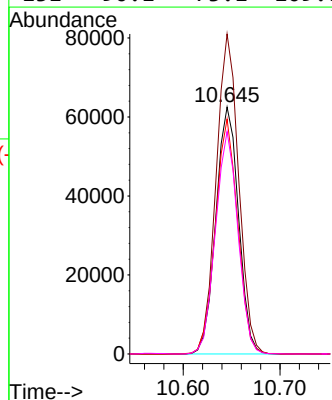
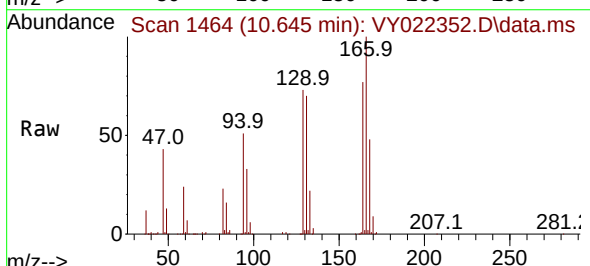
Manual Integrations
APPROVED

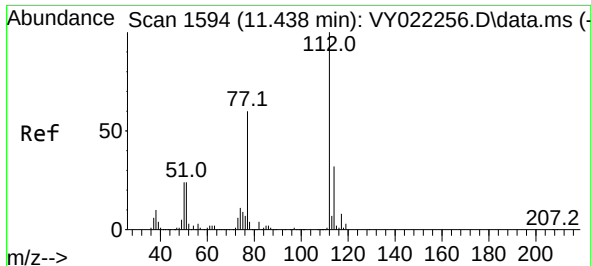
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#64
Tetrachloroethene
Concen: 47.289 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

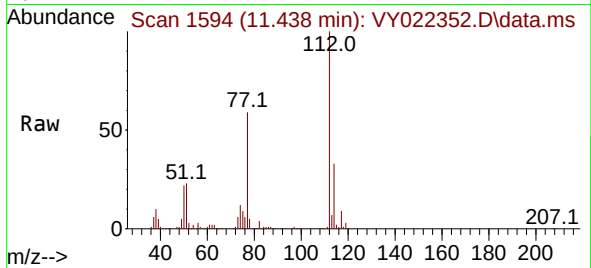
Tgt Ion:164 Resp: 101616
Ion Ratio Lower Upper
164 100
166 129.6 100.4 150.6
129 95.1 76.4 114.6
131 90.1 73.1 109.7





#65
Chlorobenzene
Concen: 48.589 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

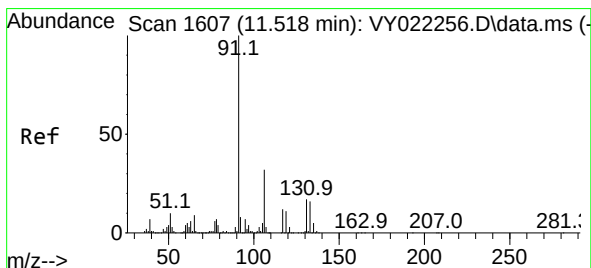
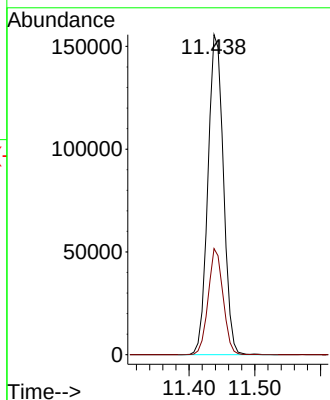
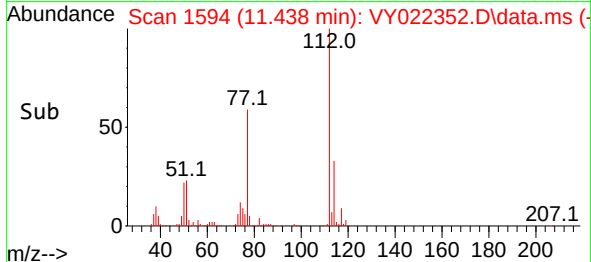
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 254840
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6

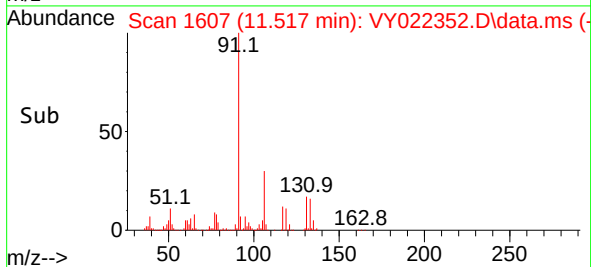
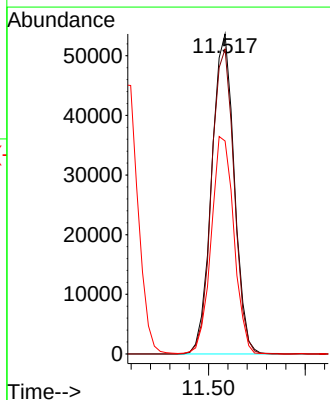
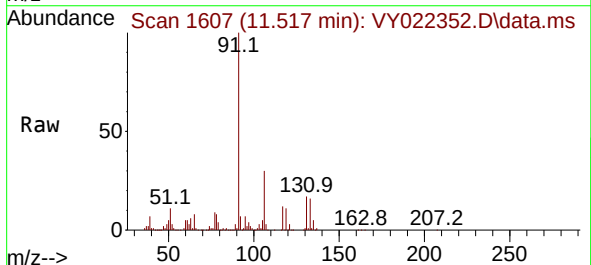
Manual Integrations
APPROVED

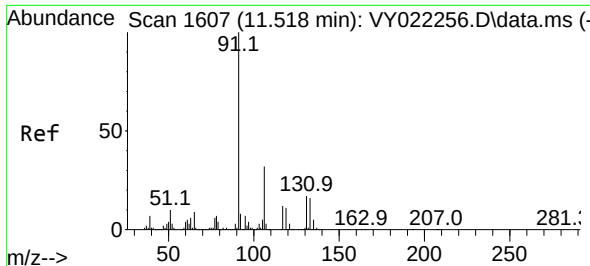
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.149 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

Tgt Ion:131 Resp: 86817
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 68.3 33.1 99.2





#67

Ethyl Benzene

Concen: 47.939 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 470894

Ion Ratio Lower Upper

91 100

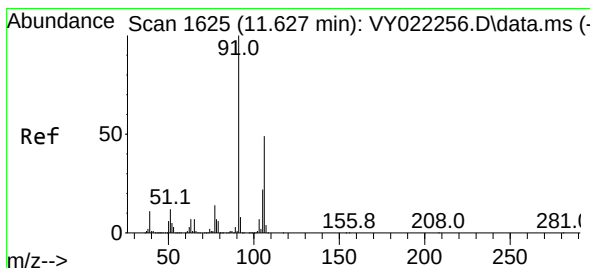
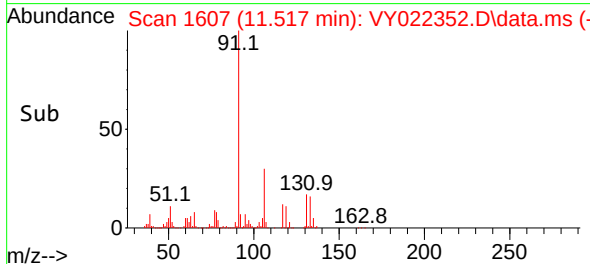
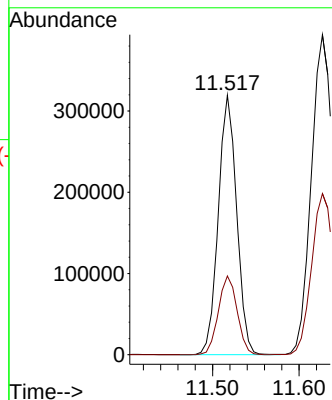
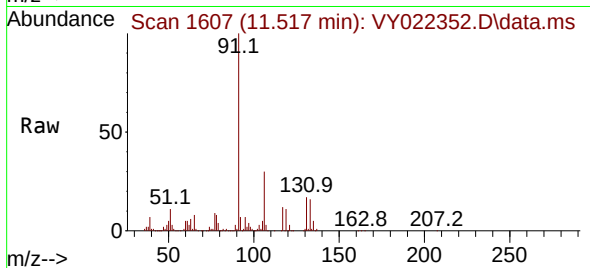
106 30.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#68

m/p-Xylenes

Concen: 95.672 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022352.D

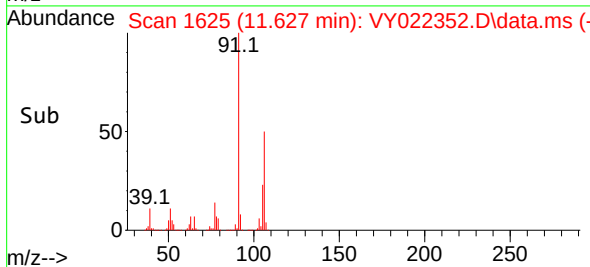
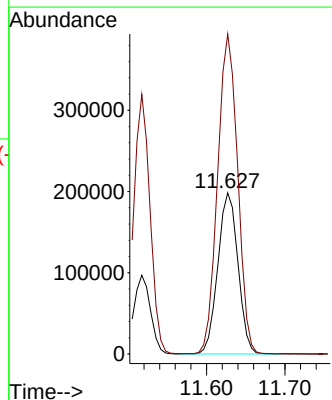
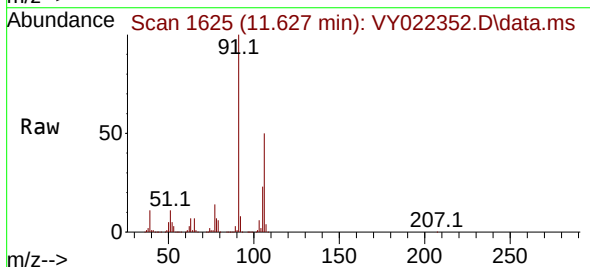
Acq: 20 May 2025 19:34

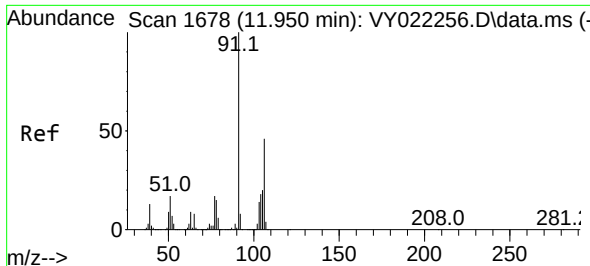
Tgt Ion:106 Resp: 354113

Ion Ratio Lower Upper

106 100

91 198.2 163.0 244.4





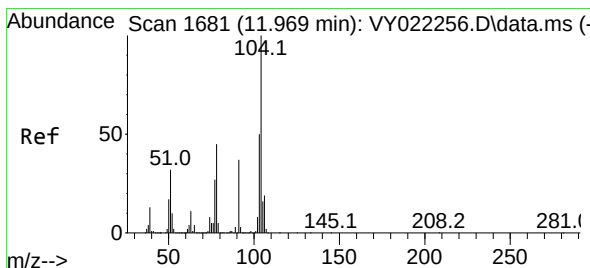
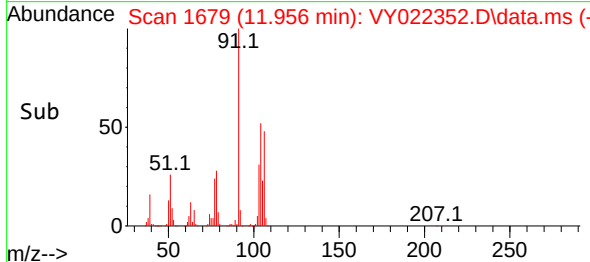
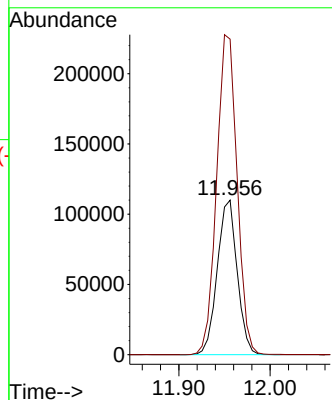
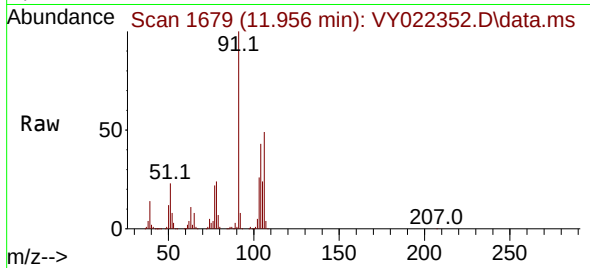
#69
o-Xylene
Concen: 47.636 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 166817
Ion Ratio Lower Upper
106 100
91 212.6 108.3 324.8

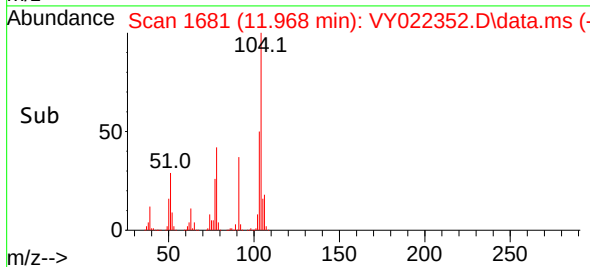
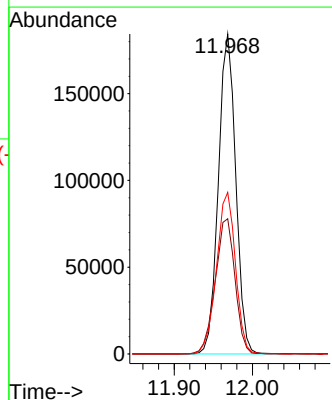
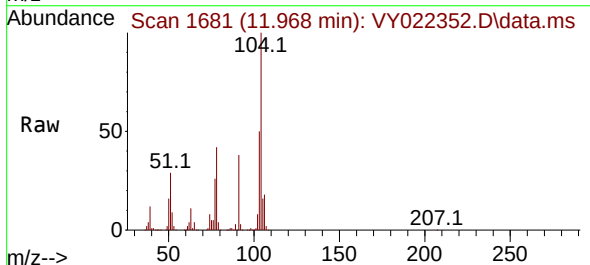
Manual Integrations
APPROVED

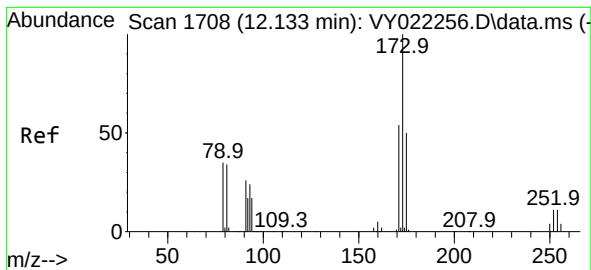
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#70
Styrene
Concen: 48.210 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

Tgt Ion:104 Resp: 284787
Ion Ratio Lower Upper
104 100
78 48.0 40.9 61.3
103 55.1 43.7 65.5





#71

Bromoform

Concen: 45.735 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 4451

Ion Ratio Lower Upper

173 100

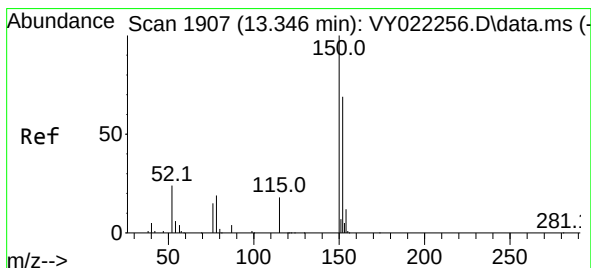
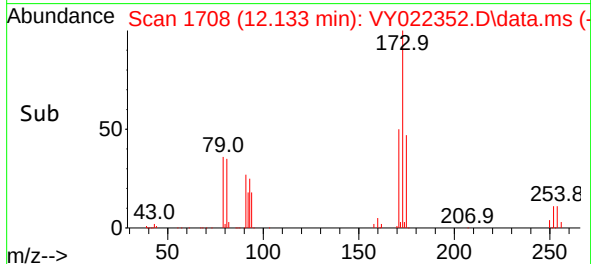
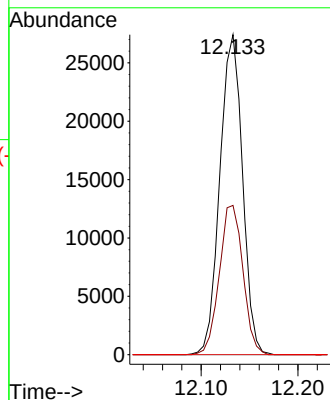
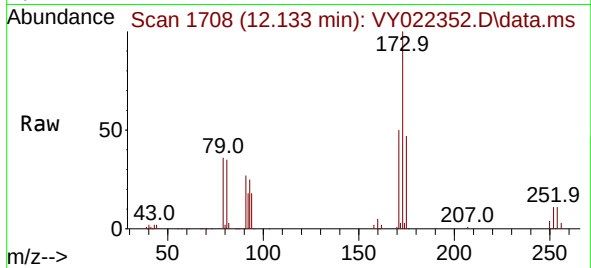
175 48.6 24.7 74.1

254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

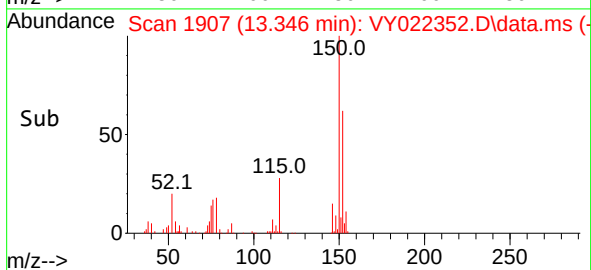
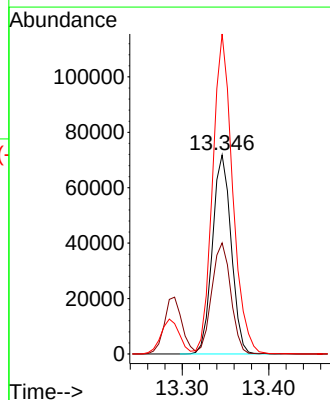
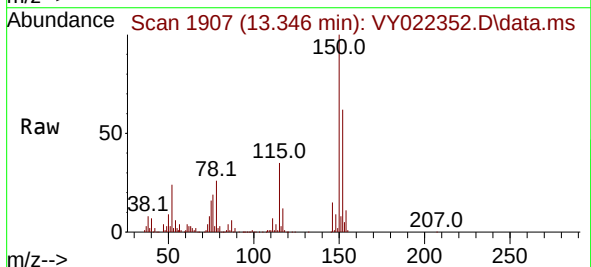
Tgt Ion:152 Resp: 108209

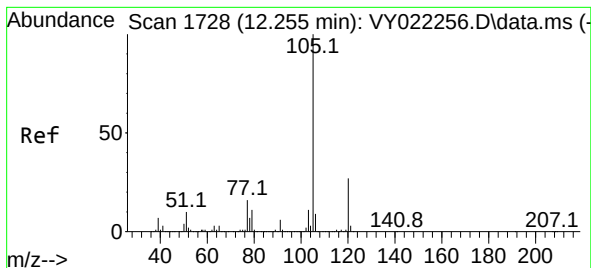
Ion Ratio Lower Upper

152 100

115 56.6 29.4 88.2

150 171.0 0.0 353.8





#73

Isopropylbenzene

Concen: 48.050 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 430749

Ion Ratio Lower Upper

105 100

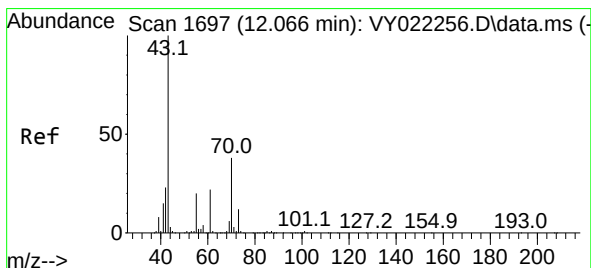
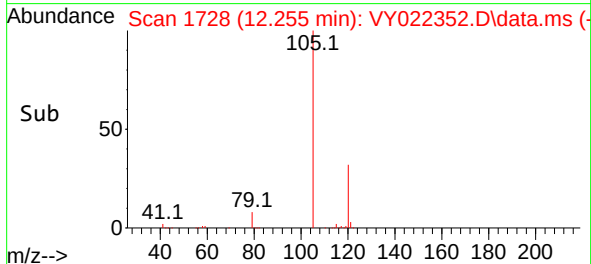
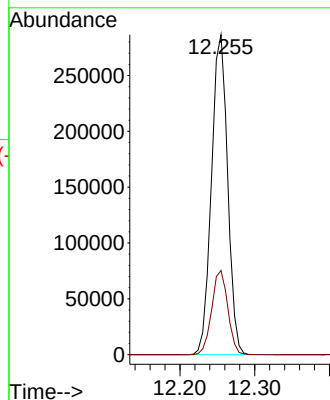
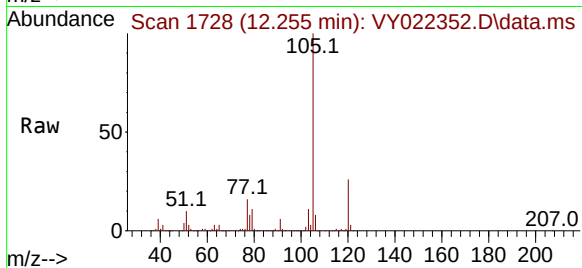
120 26.2 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#74

N-ethyl acetate

Concen: 41.596 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Tgt Ion: 43 Resp: 106648

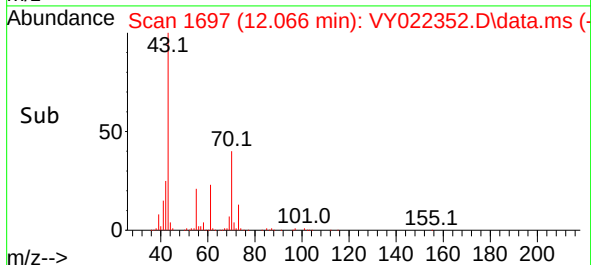
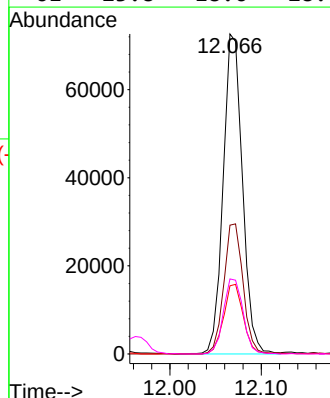
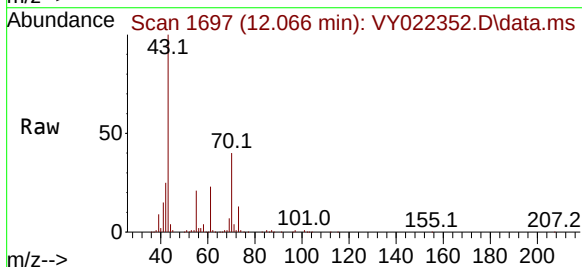
Ion Ratio Lower Upper

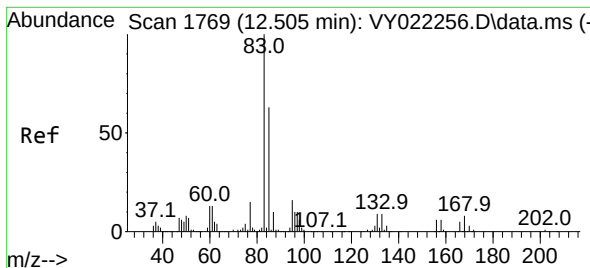
43 100

70 40.6 31.4 47.0

55 22.4 17.0 25.6

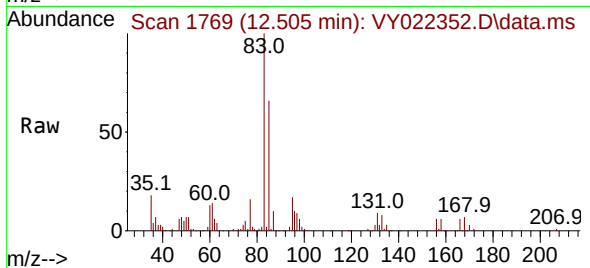
61 23.8 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 48.996 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

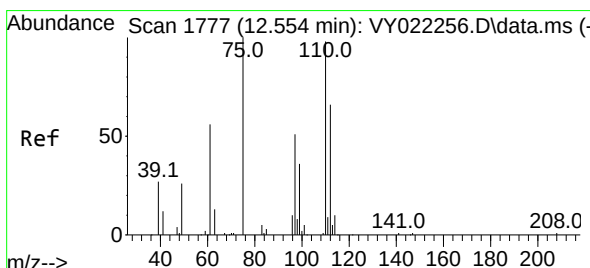
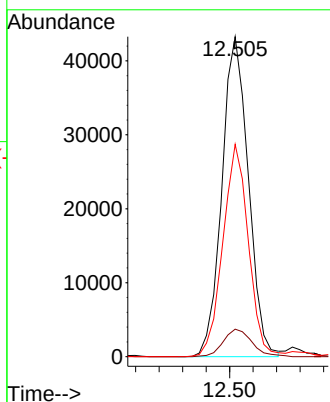
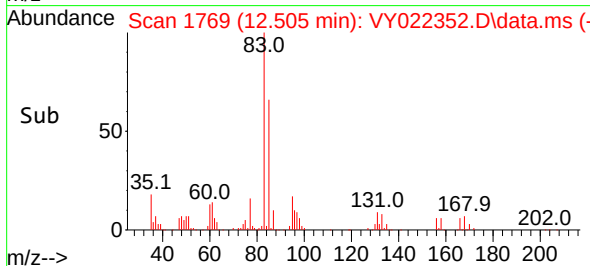
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



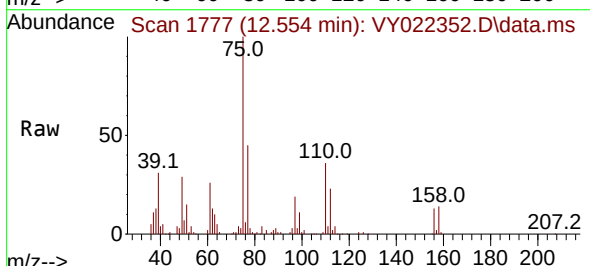
Tgt Ion: 83 Resp: 67549
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 64.0 32.0 96.0

Manual Integrations
APPROVED

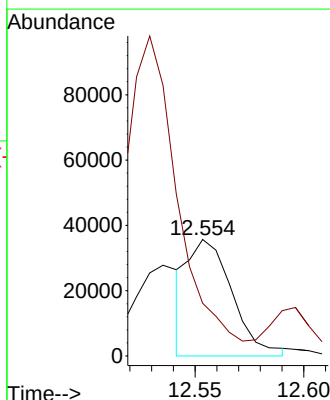
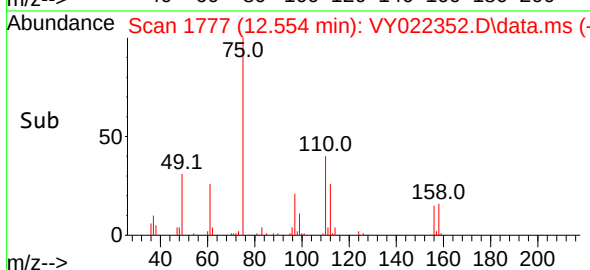
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

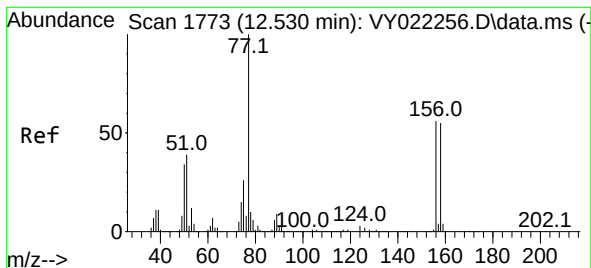


#76
1,2,3-Trichloropropane
Concen: 46.524 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



Tgt Ion: 75 Resp: 51003
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.205 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

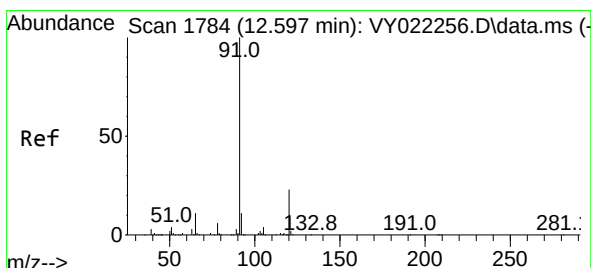
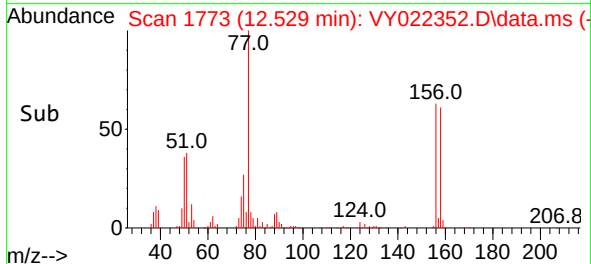
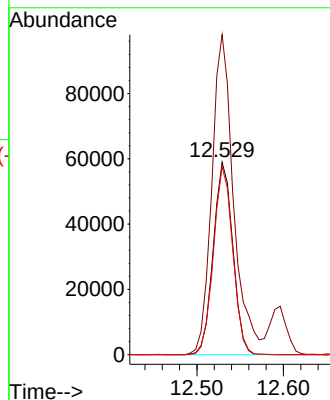
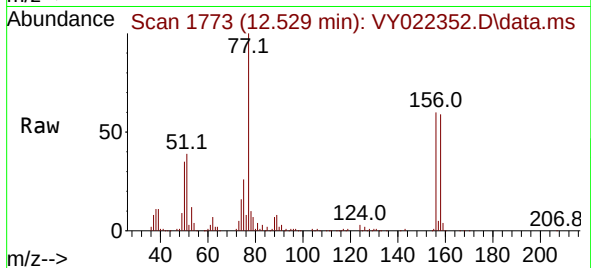
VSTDCCC050EC

Tgt Ion:	156	Resp:	9229
Ion Ratio	Lower	Upper	
156	100		
77	184.4	94.5	283.6
158	96.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#78

n-propylbenzene

Concen: 47.921 ug/l

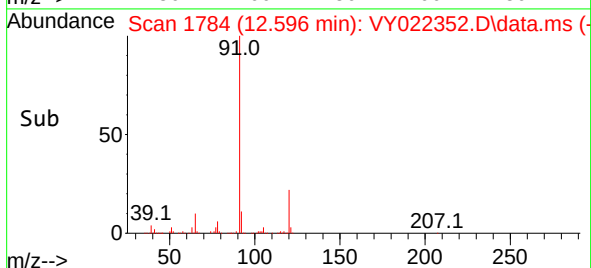
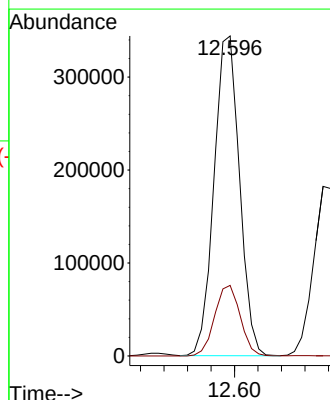
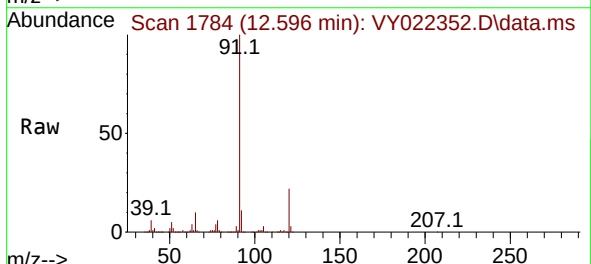
RT: 12.596 min Scan# 1784

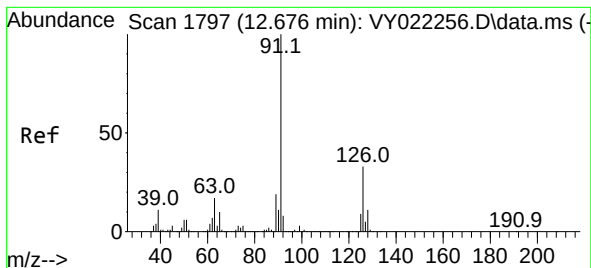
Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

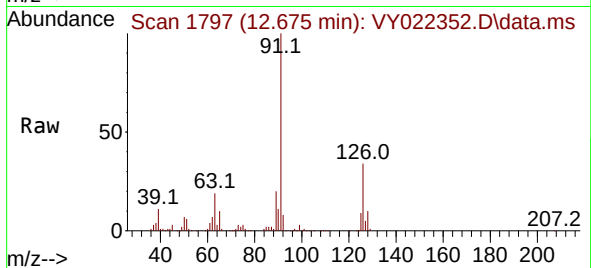
Tgt Ion:	91	Resp:	518171
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.1	33.3





#79
2-Chlorotoluene
Concen: 47.331 ug/l
RT: 12.675 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

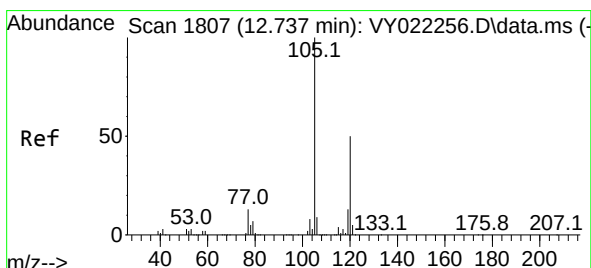
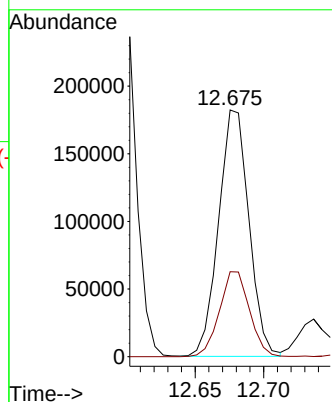
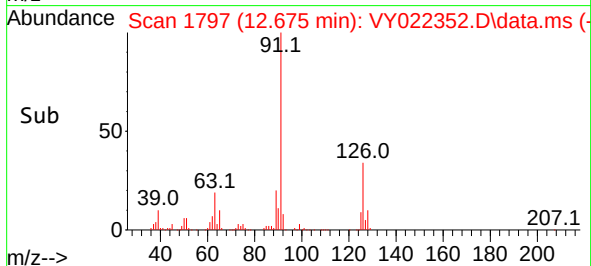
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



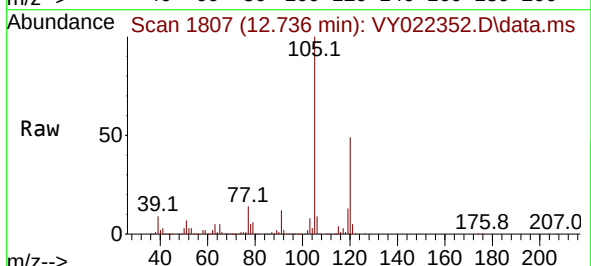
Tgt Ion: 91 Resp: 281249
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.4

Manual Integrations
APPROVED

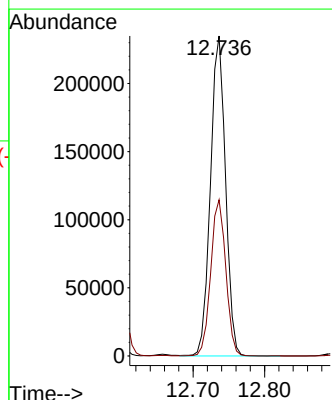
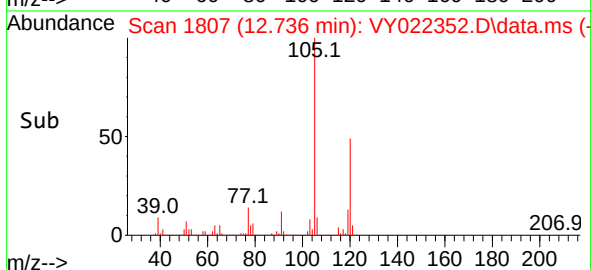
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

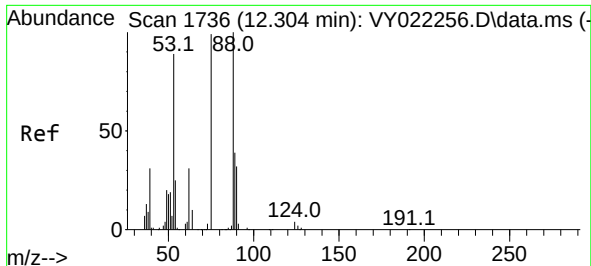


#80
1,3,5-Trimethylbenzene
Concen: 47.447 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



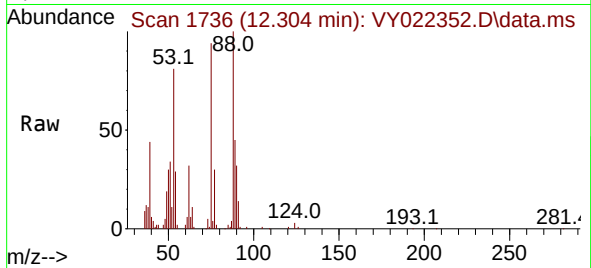
Tgt Ion:105 Resp: 343350
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 42.713 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

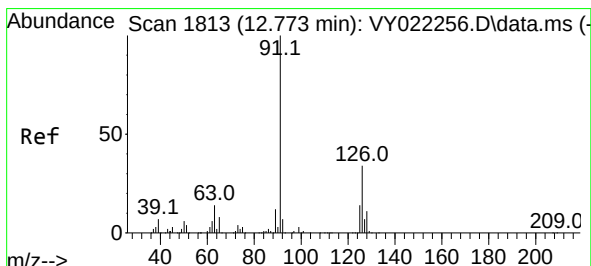
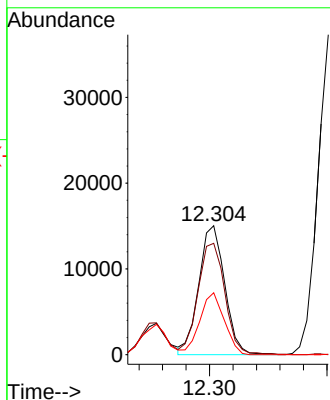
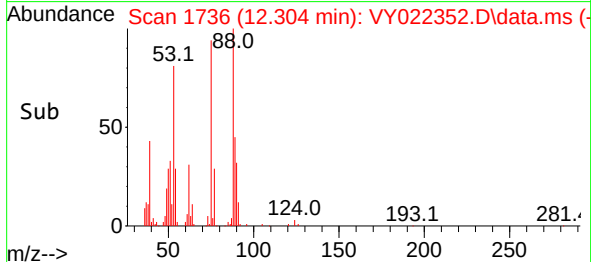
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2311
Ion Ratio Lower Upper
75 100
53 89.9 75.8 113.8
89 45.5 36.2 54.2

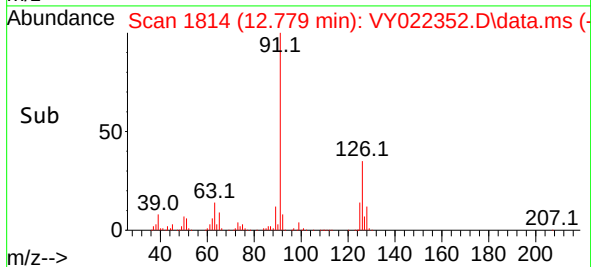
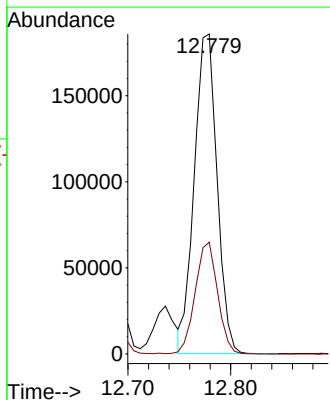
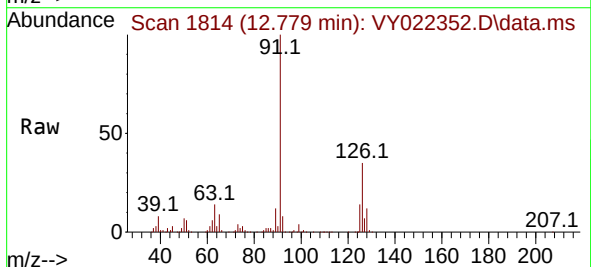
Manual Integrations
APPROVED

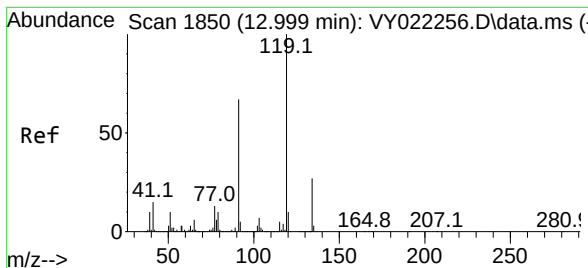
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#82
4-Chlorotoluene
Concen: 46.840 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

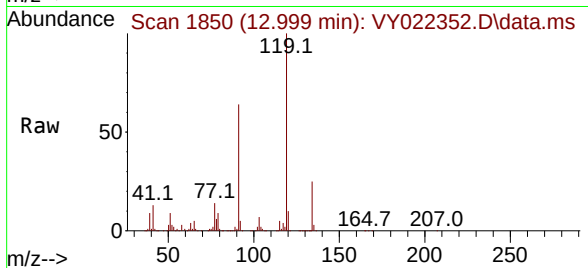
Tgt Ion: 91 Resp: 286286
Ion Ratio Lower Upper
91 100
126 34.6 16.8 50.4





#83
tert-Butylbenzene
Concen: 47.799 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

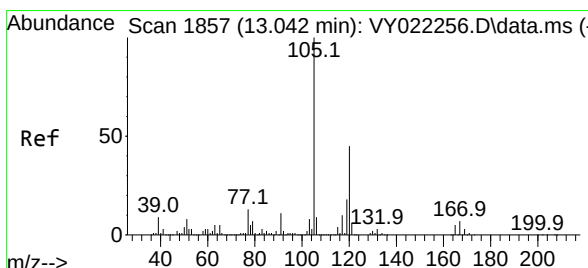
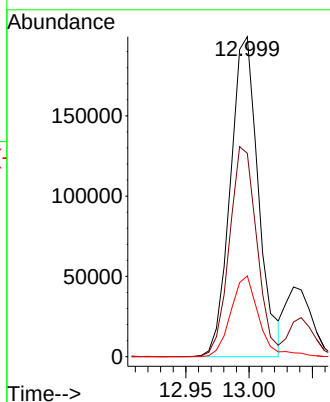
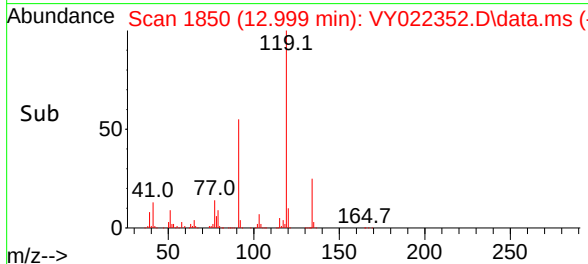
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



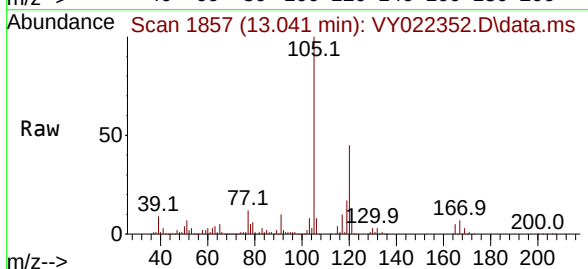
Tgt Ion:119 Resp: 30743
Ion Ratio Lower Upper
119 100
91 64.5 32.8 98.3
134 25.4 12.9 38.6

Manual Integrations
APPROVED

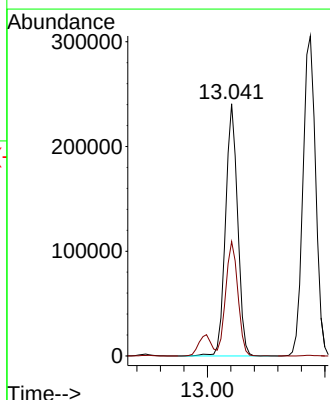
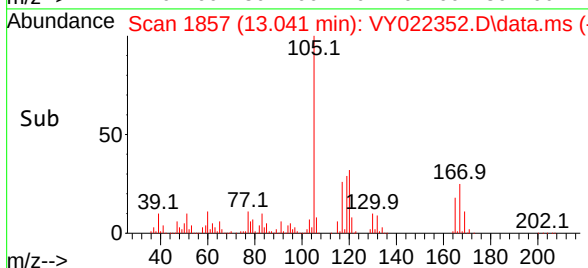
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

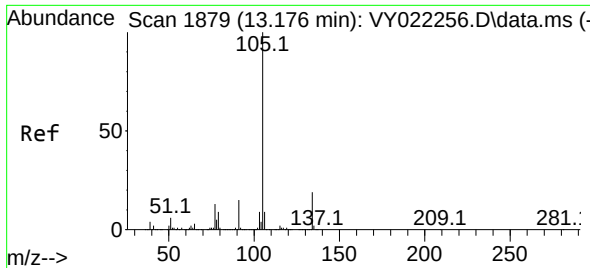


#84
1,2,4-Trimethylbenzene
Concen: 47.897 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



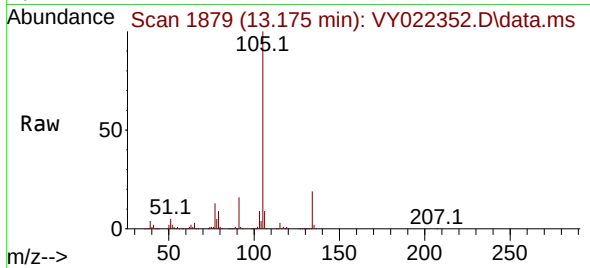
Tgt Ion:105 Resp: 344069
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9





#85
sec-Butylbenzene
Concen: 47.730 ug/l
RT: 13.175 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

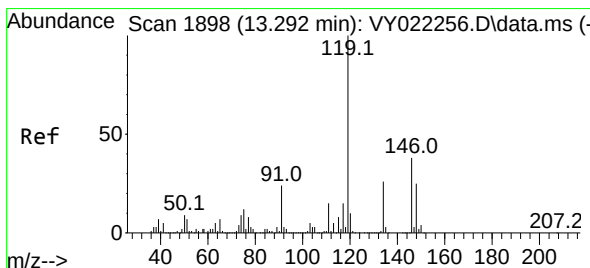
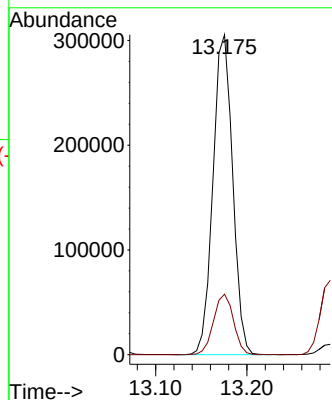
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 455719
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.5

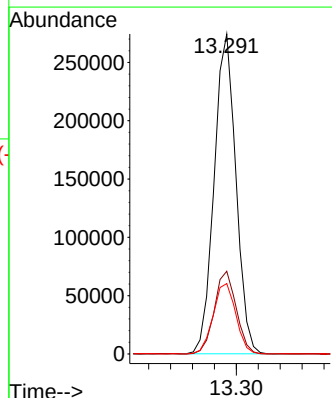
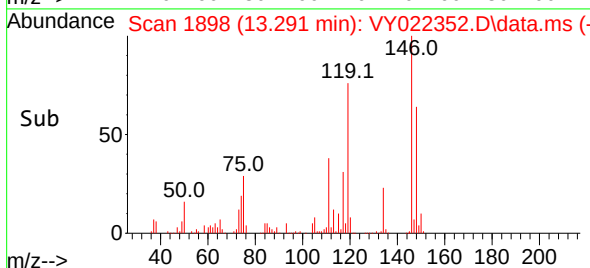
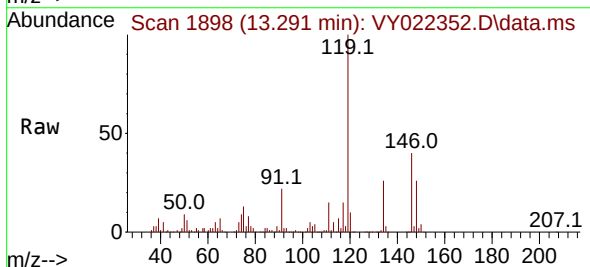
Manual Integrations
APPROVED

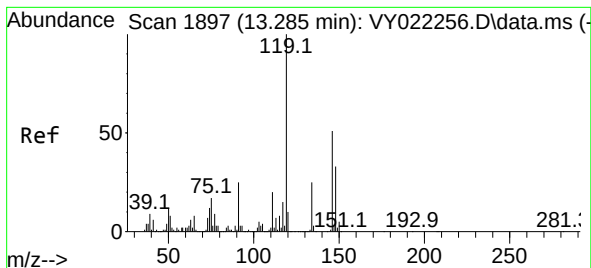
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#86
p-Isopropyltoluene
Concen: 47.159 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

Tgt Ion:119 Resp: 378687
Ion Ratio Lower Upper
119 100
134 26.1 12.9 38.6
91 23.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 47.124 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022352.D

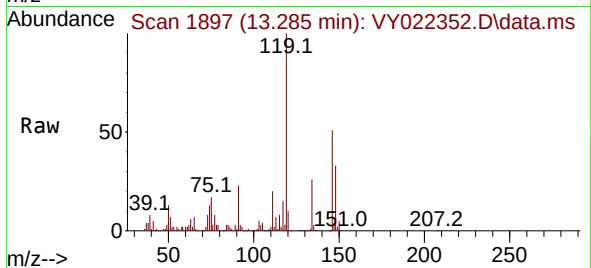
Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 184189

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

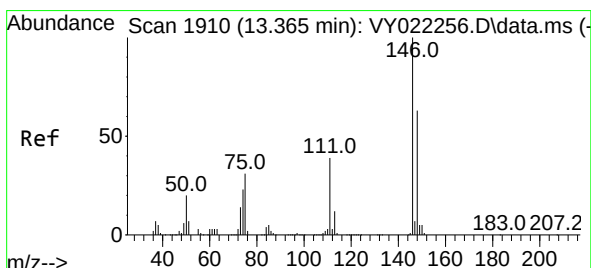
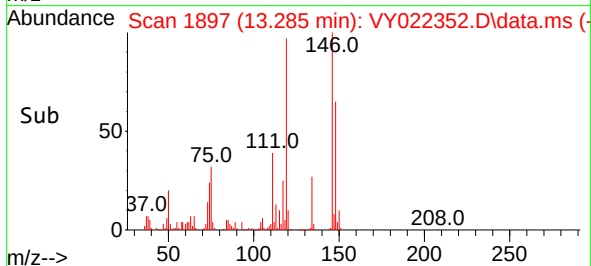
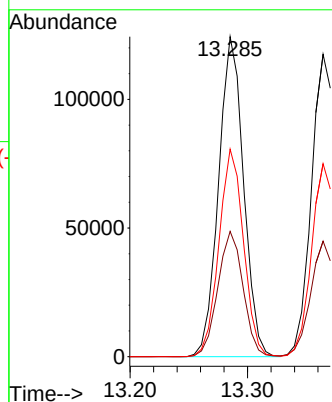
148 63.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#88

1,4-Dichlorobenzene

Concen: 47.399 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

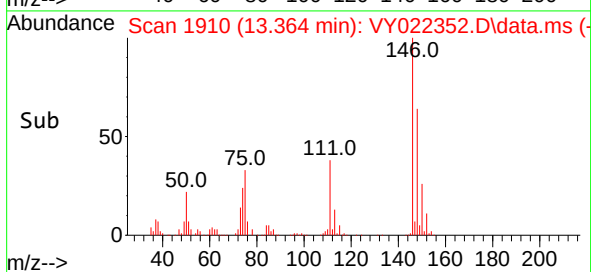
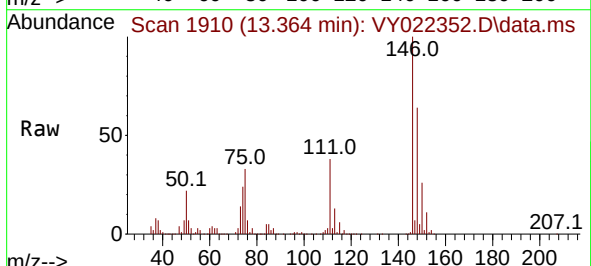
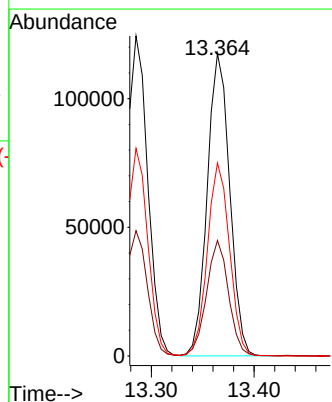
Tgt Ion:146 Resp: 178207

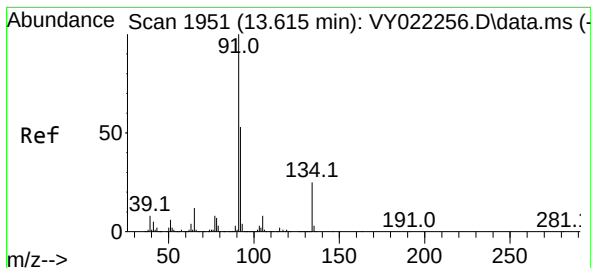
Ion Ratio Lower Upper

146 100

111 37.5 20.0 59.9

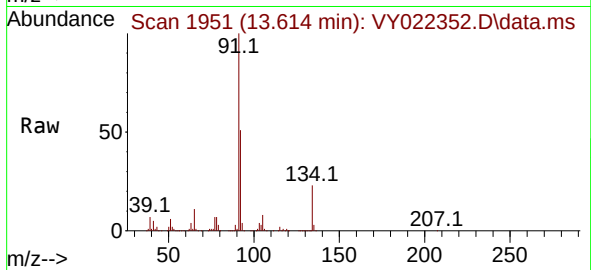
148 63.1 32.1 96.5





#89
n-Butylbenzene
Concen: 46.389 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

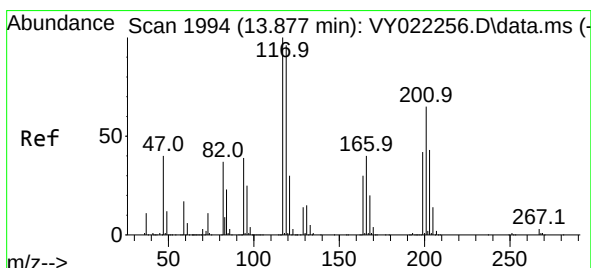
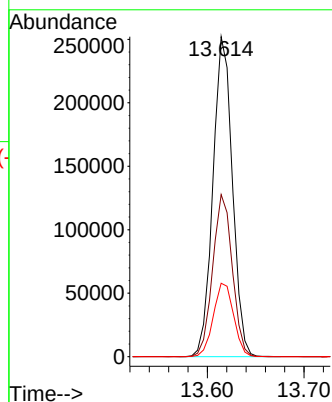
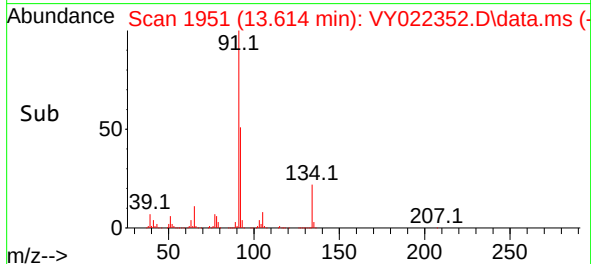
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 352409
Ion Ratio Lower Upper
91 100
92 51.0 26.3 78.9
134 24.0 12.4 37.4

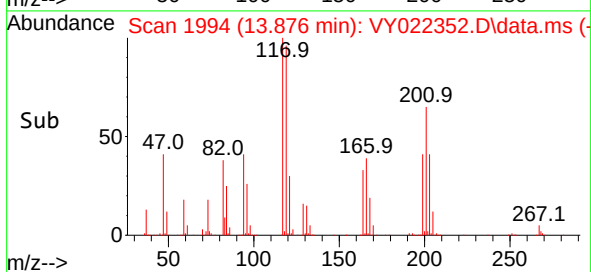
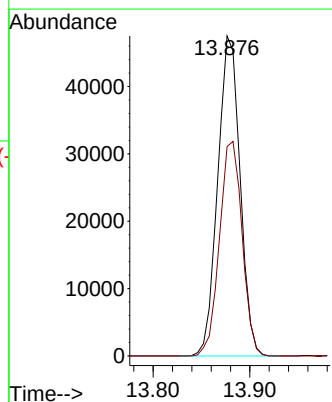
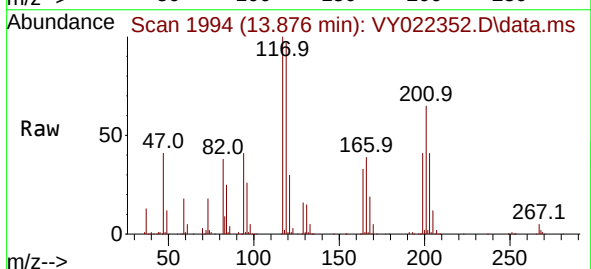
Manual Integrations
APPROVED

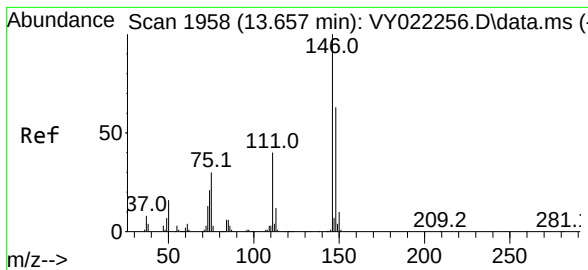
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#90
Hexachloroethane
Concen: 46.849 ug/l
RT: 13.876 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

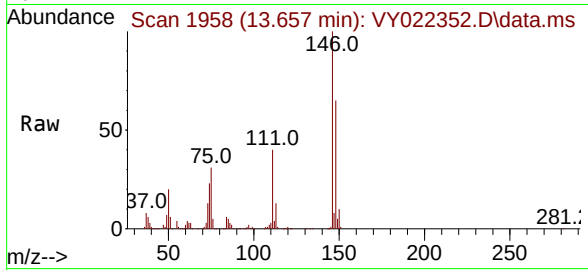
Tgt Ion:117 Resp: 75941
Ion Ratio Lower Upper
117 100
201 68.1 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 48.150 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

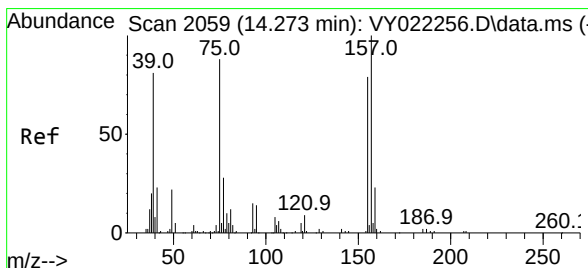
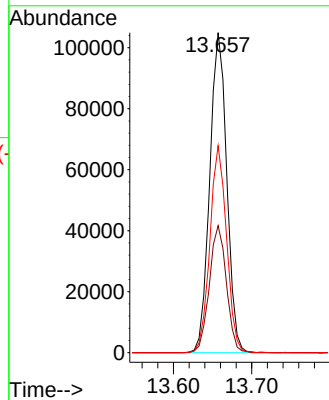
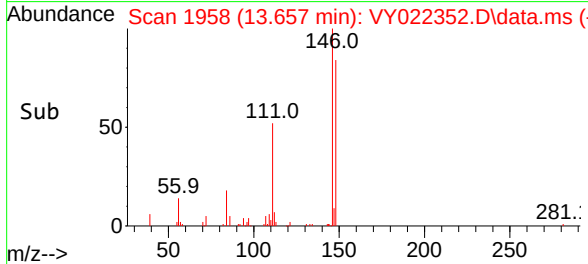
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC



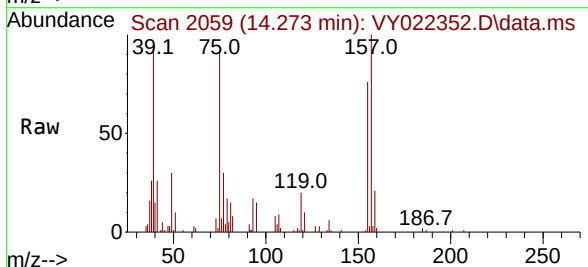
Tgt Ion:146 Resp: 158085
Ion Ratio Lower Upper
146 100
111 39.8 20.5 61.5
148 63.5 32.0 96.0

Manual Integrations
APPROVED

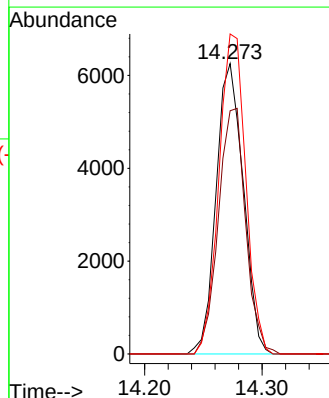
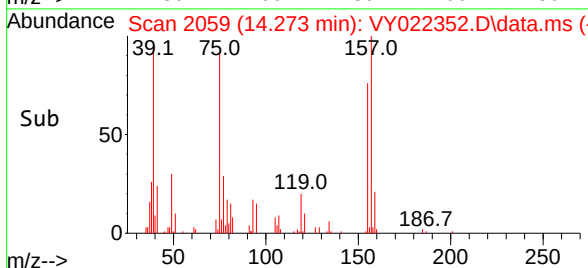
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

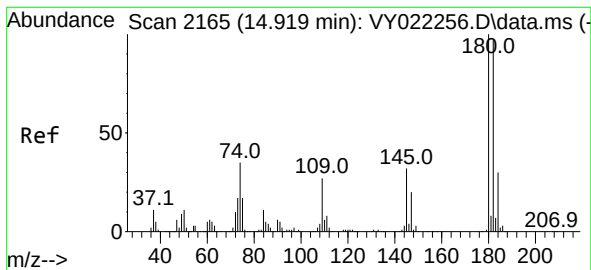


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.219 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



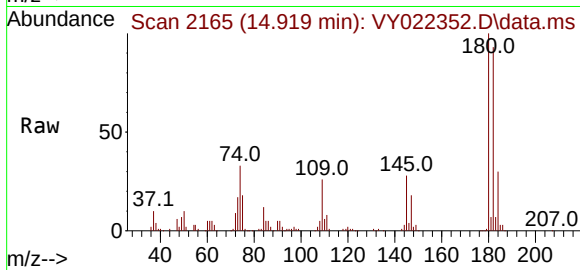
Tgt Ion: 75 Resp: 10053
Ion Ratio Lower Upper
75 100
155 85.0 43.4 130.1
157 108.7 54.6 163.9





#93
1,2,4-Trichlorobenzene
Concen: 45.087 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34

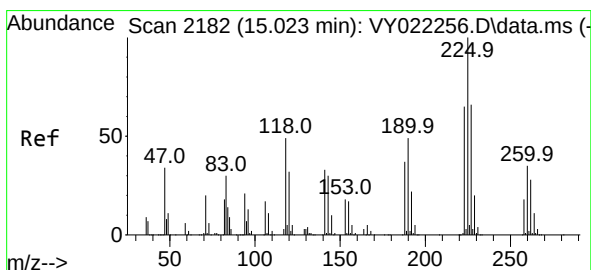
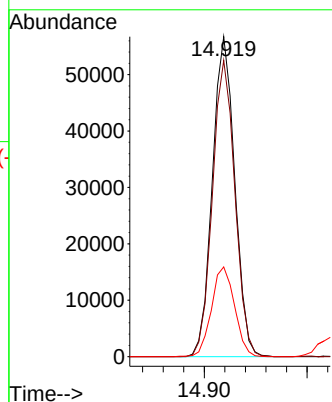
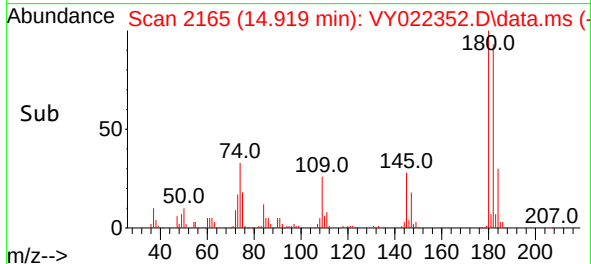
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



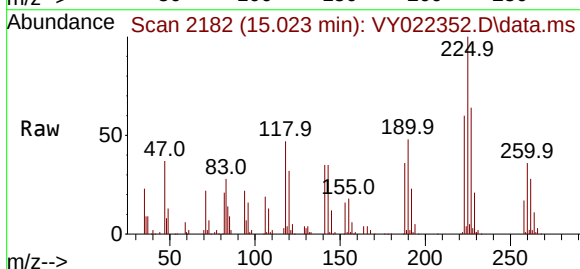
Tgt Ion:180 Resp: 8550
Ion Ratio Lower Upper
180 100
182 93.0 48.0 144.0
145 29.0 15.0 45.1

Manual Integrations
APPROVED

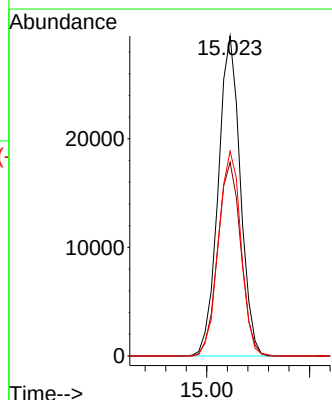
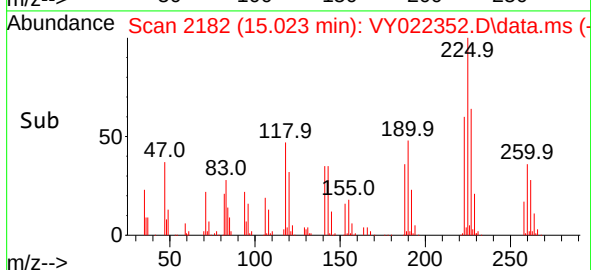
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

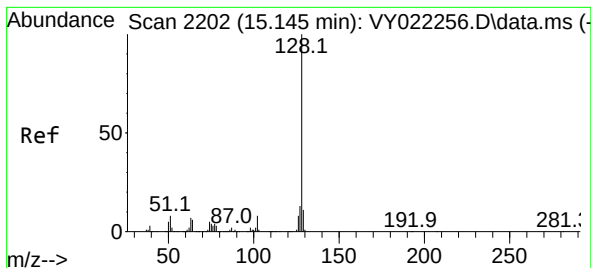


#94
Hexachlorobutadiene
Concen: 41.483 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022352.D
Acq: 20 May 2025 19:34



Tgt Ion:225 Resp: 43873
Ion Ratio Lower Upper
225 100
223 63.1 31.5 94.5
227 65.4 32.1 96.3





#95

Naphthalene

Concen: 45.949 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Instrument :

MSVOA_Y

ClientSampleId :

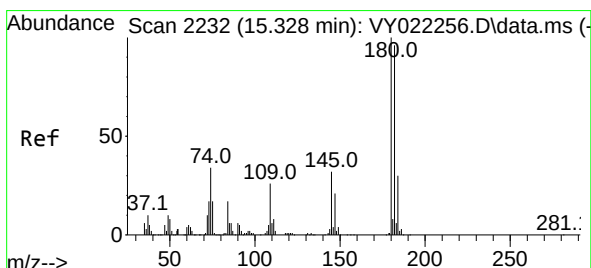
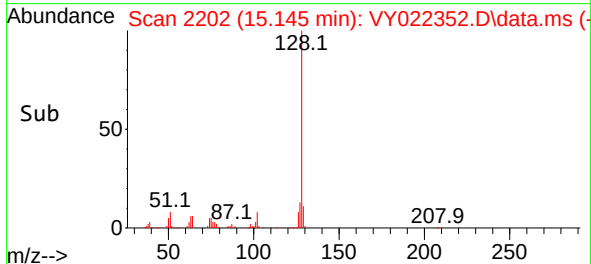
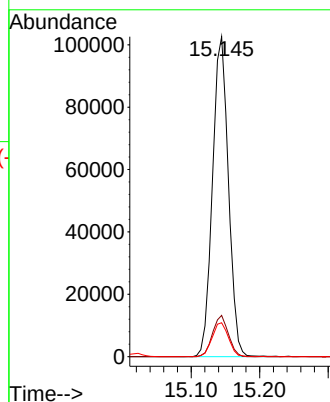
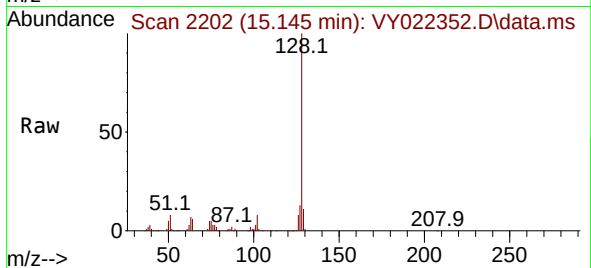
VSTDCCC050EC

Tgt Ion:128	Resp: 16536
Ion Ratio	Lower Upper
128 100	
127 12.9	10.2 15.2
129 10.9	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 44.159 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022352.D

Acq: 20 May 2025 19:34

Tgt Ion:180	Resp: 71044
Ion Ratio	Lower Upper
180 100	
182 96.7	47.1 141.3
145 31.5	15.9 47.6

